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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3873

Calibration Parameter Determined in Head Tissue Simulating Media

f [MHz] ^C	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Uct. (k=2)
750	41.9	0.89	9.87	9.87	9.87	0.12	1.29	± 12.7%
835	41.5	0.90	9.47	9.47	9.47	0.16	1.19	± 12.7%
900	41.5	0.97	9.42	9.42	9.42	0.19	1.12	± 12.7%
1750	40.1	1.37	8.31	8.31	8.31	0.18	1.19	± 12.7%
1900	40.0	1.40	7.97	7.97	7.97	0.19	1.11	± 12.7%
2300	39.5	1.67	7.71	7.71	7.71	0.39	0.77	± 12.7%
2450	39.2	1.80	7.46	7.46	7.46	0.40	0.78	± 12.7%
2600	39.0	1.96	7.31	7.31	7.31	0.48	0.71	± 12.7%
3300	38.2	2.71	6.90	6.90	6.90	0.40	0.95	± 13.9%
3500	37.9	2.91	6.71	6.71	6.71	0.40	1.01	± 13.9%
3700	37.7	3.12	6.50	6.50	6.50	0.38	1.04	± 13.9%
3900	37.5	3.32	6.40	6.40	6.40	0.30	1.50	± 13.9%
4100	37.2	3.53	6.30	6.30	6.30	0.30	1.40	± 13.9%
5250	35.9	4.71	5.16	5.16	5.16	0.35	1.65	± 13.9%
5600	35.5	5.07	4.56	4.56	4.56	0.40	1.52	± 13.9%
5800	35.3	5.27	4.62	4.62	4.62	0.40	1.52	± 13.9%

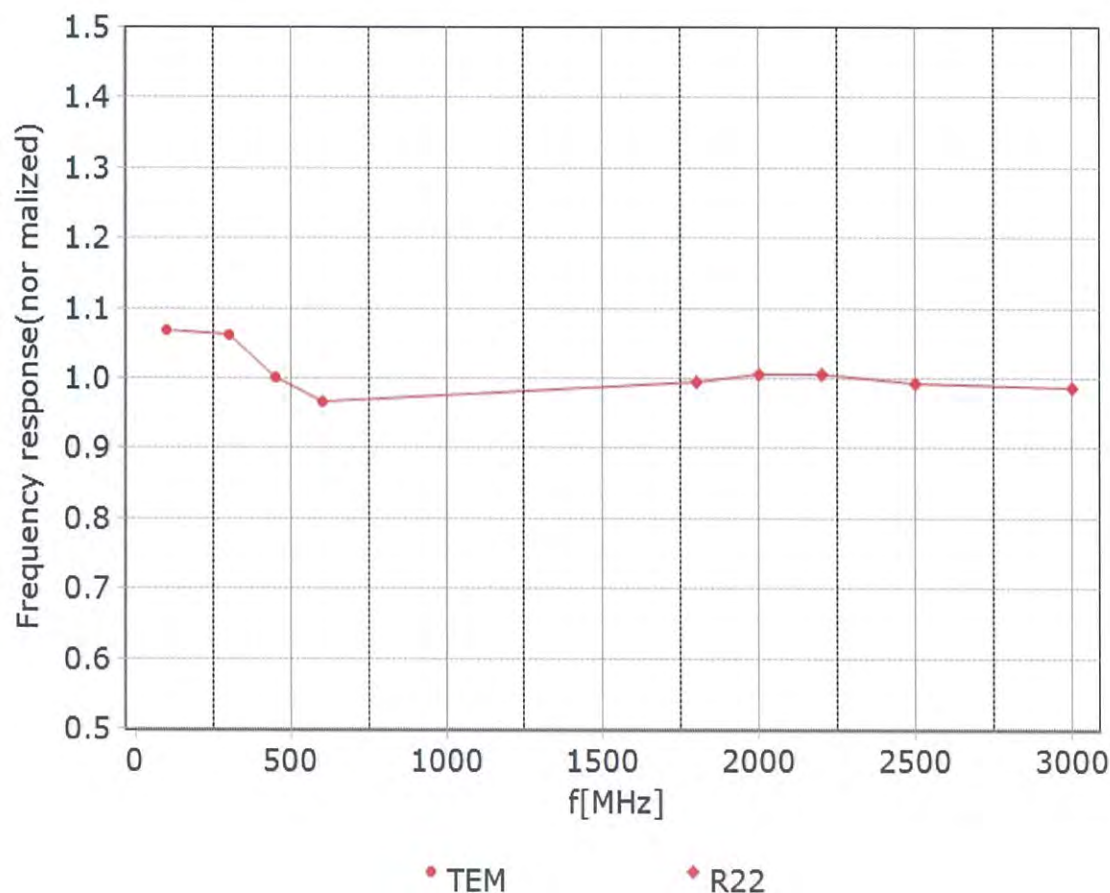
^C Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

^F At frequency up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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Frequency Response of E-Field (TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: $\pm 7.4\%$ ($k=2$)

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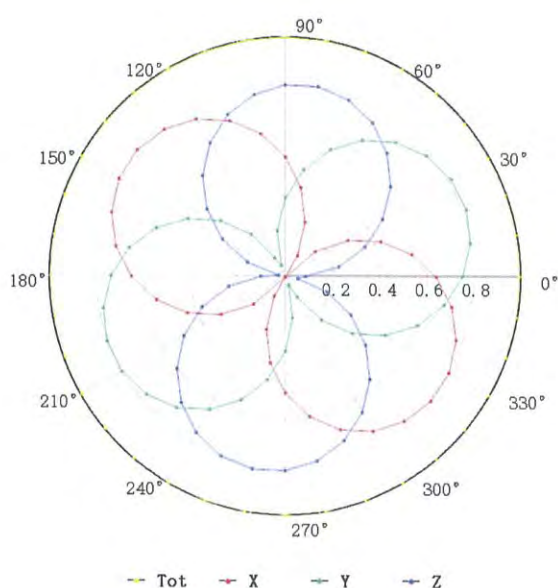
Tel: +86-10-62304633-2117

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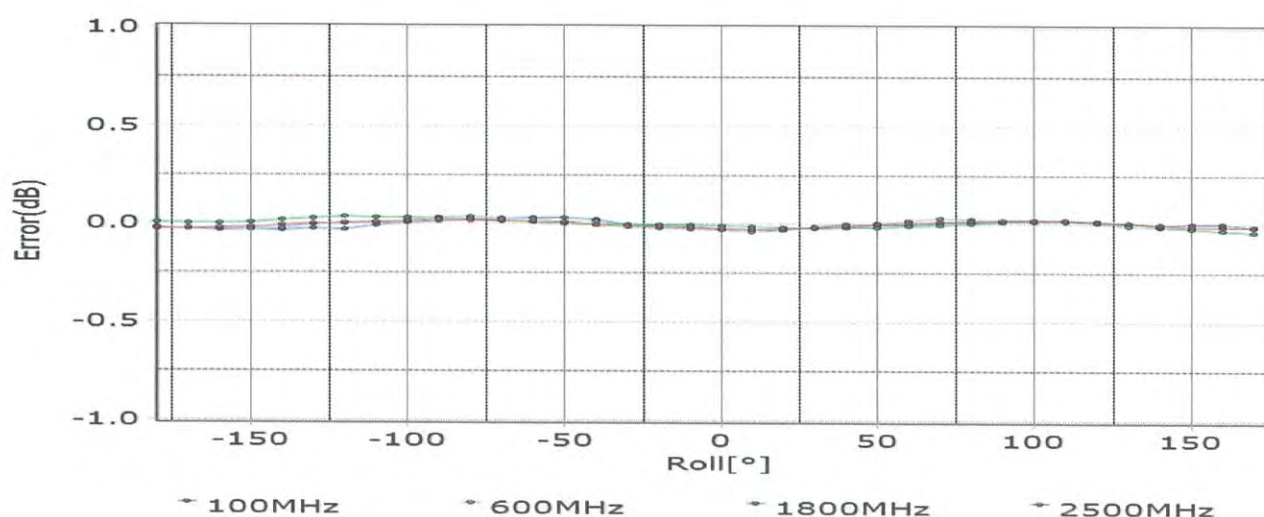
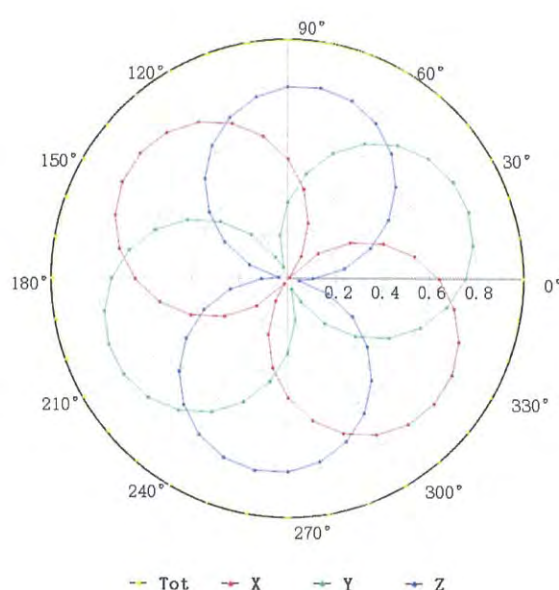
<http://www.caict.ac.cn>

Receiving Pattern (Φ), $\theta=0^\circ$

f=600 MHz, TEM



f=1800 MHz, R22



Uncertainty of Axial Isotropy Assessment: $\pm 1.2\%$ ($k=2$)

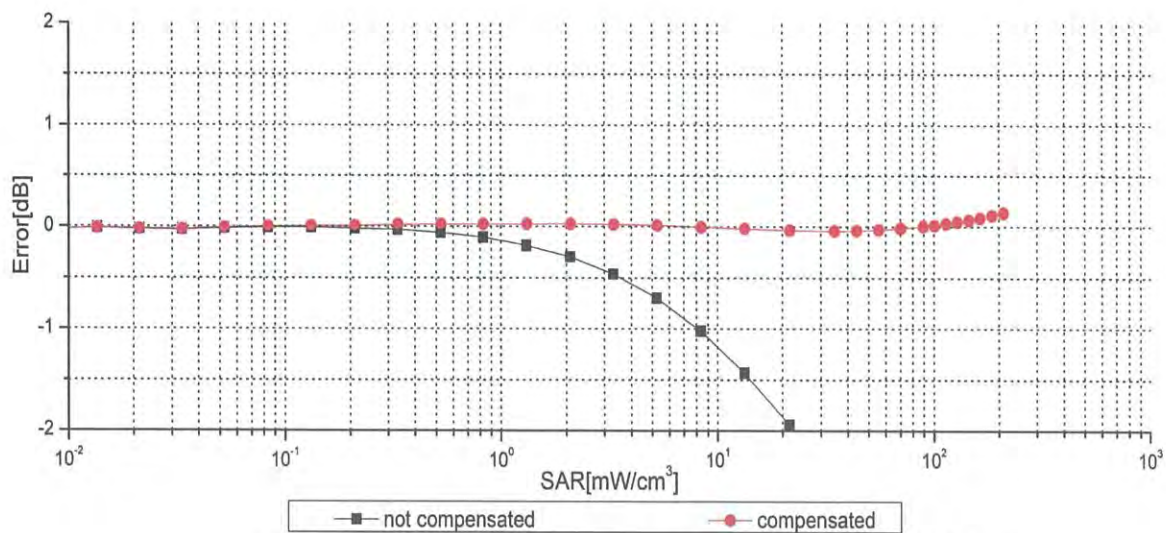
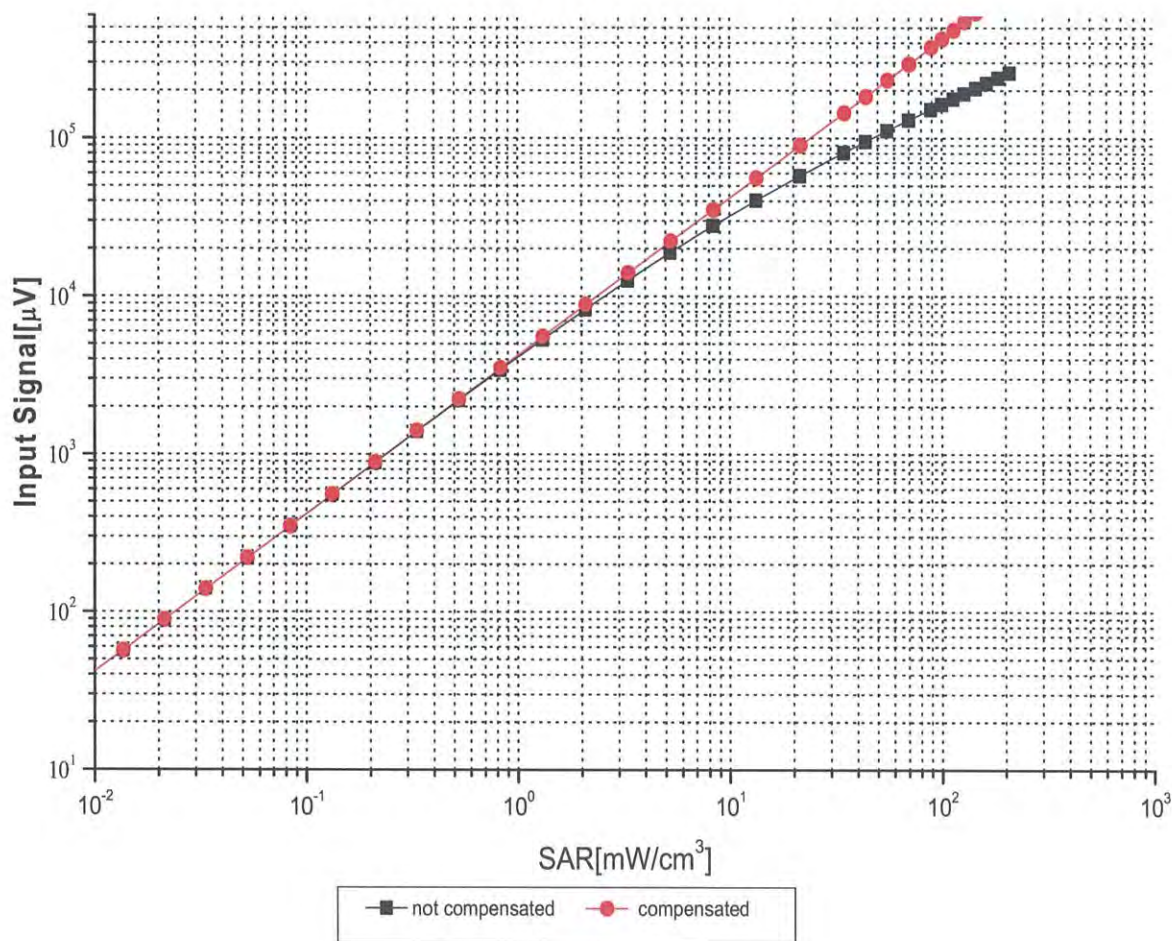
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Dynamic Range f(SAR_{head}) (TEM cell, f = 900 MHz)



Uncertainty of Linearity Assessment: ±0.9% (k=2)

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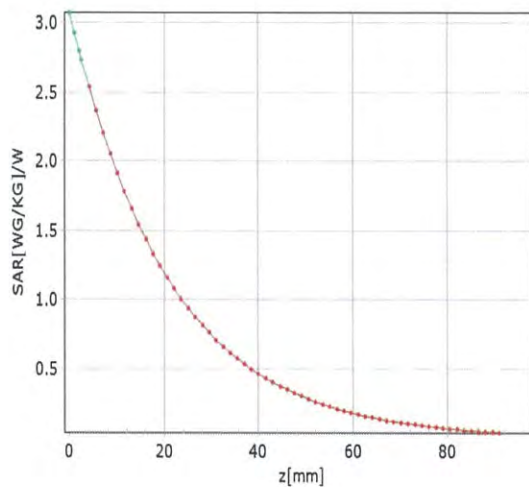
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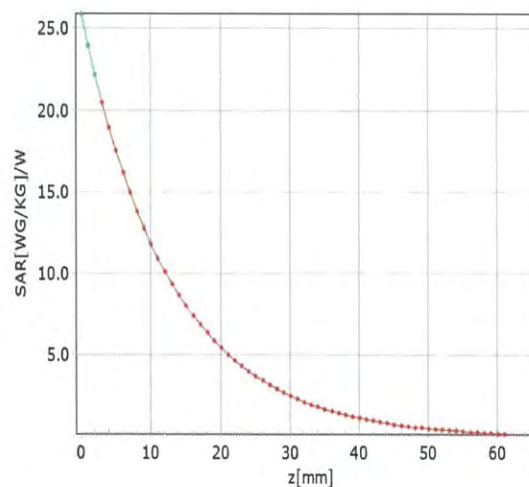
Conversion Factor Assessment

f=750 MHz,WGLS R9(H_convF)

f=1750 MHz,WGLS R22(H_convF)

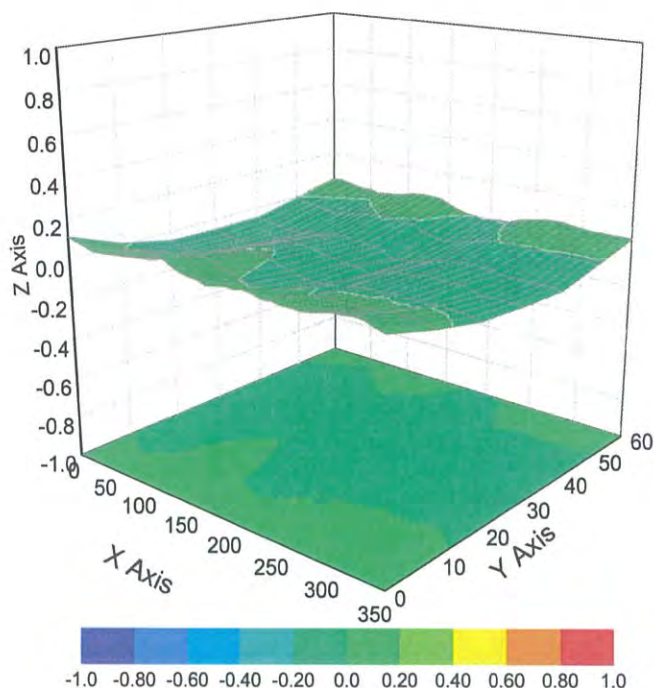


* analytical * measured



* analytical * measured

Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: $\pm 3.2\%$ ($k=2$)

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Appendix: Modulation Calibration Parameters

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



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10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %



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10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %

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10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	CAC	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	CAB	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	CAB	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)	WiMAX	14.57	± 9.6 %
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAD	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %

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10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %

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10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %

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10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %

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10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %

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10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %

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10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	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 %

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10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %

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

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

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Appendix D. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power

[illegible][illegible]

ID	Material	C-10 Band 5 (Amdt)									
		Alt. line	Alt. offset	Line	Alt	Page	Alt	Page	Alt	Page	Alt
		Frequency (MHz)		686.5	686.5	686.5		686.5		686.5	
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
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		7	28	228.48	228.52	22.43	0	24			
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		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
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		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
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		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
DSM		1	28	228.48	228.52	22.43	0	24			
		2	28	228.48	228.52	22.43	0	24			
		3	28	228.48	228.52	22.43	0	24			
		4	28	228.48	228.52	22.43	0	24			
		5	28	228.48	228.52	22.43	0	24			
		6	28	228.48	228.52	22.43	0	24			
		7	28	228.48	228.52	22.43	0	24			
		8	28	228.48	228.52	22.43	0	24			
		9	28	228.48	228.52	22.43	0	24			
		10	28	228.48	228.52	22.43	0	24			
CPWR		1	28								

row	Module	LTE Band 7 (450K)							Max. Twp. (deg)
		Min Size	Min Offset	Low	Mid	High	Upper	Max. Twp. (deg)	
		Frequency (MHz)	Band	Band	Band	Band	Band	Band	
QPSK	1	60	23.12	23.18	23.26	23.34	23.42	23	
	1	0	23.12	23.18	23.26	23.34	23.42	23	
	50	0	23.24	23.22	23.26	23.26	23.26	23	
	50	50	23.24	23.22	23.26	23.26	23.26	23	
	100	0	23.18	23.22	23.26	23.30	23.34	23	
	1	0	23.18	23.22	23.26	23.30	23.34	23	
	1	50	23.26	23.22	23.26	23.26	23.26	23	
	1	0	23.26	23.22	23.26	23.26	23.26	23	
	1	50	23.26	23.22	23.26	23.26	23.26	23	
	1	100	23.26	23.22	23.26	23.26	23.26	23	
16QAM	50	0	23.18	23.18	23.18	23.18	23.18	23	
	50	25	23.18	23.18	23.18	23.18	23.18	23	
	50	50	23.18	23.18	23.18	23.18	23.18	23	
	50	75	23.18	23.18	23.18	23.18	23.18	23	
	50	100	23.18	23.18	23.18	23.18	23.18	23	
	1	0	23.12	23.12	23.12	23.12	23.12	23	
	1	50	23.12	23.12	23.12	23.12	23.12	23	
	1	100	23.12	23.12	23.12	23.12	23.12	23	
	1	150	23.12	23.12	23.12	23.12	23.12	23	
	1	200	23.12	23.12	23.12	23.12	23.12	23	
64QAM	1	60	23.48	23.48	23.48	23.48	23.48	23	
	1	0	23.48	23.48	23.48	23.48	23.48	23	
	50	0	23.48	23.48	23.48	23.48	23.48	23	
	50	25	23.48	23.48	23.48	23.48	23.48	23	
	50	50	23.48	23.48	23.48	23.48	23.48	23	
	50	75	23.48	23.48	23.48	23.48	23.48	23	
	50	100	23.48	23.48	23.48	23.48	23.48	23	
	1	0	23.42	23.42	23.42	23.42	23.42	23	
	1	50	23.42	23.42	23.42	23.42	23.42	23	
	1	100	23.42	23.42	23.42	23.42	23.42	23	
256QAM	1	60	23.52	23.52	23.52	23.52	23.52	23	
	1	0	23.52	23.52	23.52	23.52	23.52	23	
	50	0	23.52	23.52	23.52	23.52	23.52	23	
	50	25	23.52	23.52	23.52	23.52	23.52	23	
	50	50	23.52	23.52	23.52	23.52	23.52	23	
	50	75	23.52	23.52	23.52	23.52	23.52	23	
	50	100	23.52	23.52	23.52	23.52	23.52	23	
	1	0	23.46	23.46	23.46	23.46	23.46	23	
	1	50	23.46	23.46	23.46	23.46	23.46	23	
	1	100	23.46	23.46	23.46	23.46	23.46	23	
BPSK	1	60	23.56	23.56	23.56	23.56	23.56	23	
	1	0	23.56	23.56	23.56	23.56	23.56	23	
	50	0	23.56	23.56	23.56	23.56	23.56	23	
	50	25	23.56	23.56	23.56	23.56	23.56	23	
	50	50	23.56	23.56	23.56	23.56	23.56	23	
	50	75	23.56	23.56	23.56	23.56	23.56	23	
	50	100	23.56	23.56	23.56	23.56	23.56	23	
	1	0	23.50	23.50	23.50	23.50	23.50	23	
	1	50	23.50	23.50	23.50	23.50	23.50	23	
	1	100	23.50	23.50	23.50	23.50	23.50	23	

n2 (SCS 15 kHz) (Ant1)									
BW	MCS Index	RB Size		RB Offset	L1 RB	RB	MCS	Max. Throughput (Mbps)	Max. Throughput (Mbps)
		Channel	Frequency (MHz)						
20M	DTT+OFDM PUS BPSK	1	1	23.88	23.88	23.50	24		
		1	53	23.80	23.82	23.51	24		
		1	104	23.68	23.52	23.52	24		
		50	0	23.17	23.68	23.67	23.5		
		50	28	23.67	23.68	23.67	24		
		50	56	23.13	23.68	23.67	23.5		
	DTT+OFDM QPSK	100	0	23.30	23.18	23.03	23.5		
		1	1	23.76	23.77	23.67	24		
		1	53	23.63	23.63	23.55	24		
		1	104	23.72	23.67	23.59	24		
		50	0	22.70	23.58	23.51	23		
		50	28	23.58	23.65	23.47	24		
10M	DTT+OFDM QPSK	50	56	22.77	22.70	22.54	23		
		100	0	22.89	22.72	22.64	23		
		1	1	22.70	22.60	22.48	23		
		1	1	23.88	21.93	21.75	22		
		1	1	18.45	18.38	18.29	20		
		Channel	Frequency (MHz)	23.88	23.68	23.59	Max. Throughput		
	MCS Index	1	1	23.88	23.72	23.59	24		
		Channel	Frequency (MHz)	23.88	23.68	23.59	Max. Throughput		
		1	1	23.88	23.72	23.59	24		
		Channel	Frequency (MHz)	23.88	23.68	23.59	Max. Throughput		
		1	1	23.88	23.72	23.59	24		
		Channel	Frequency (MHz)	23.88	23.68	23.59	Max. Throughput		
5M	DTT+OFDM QPSK	1	1	23.88	23.68	23.48	24		
		Channel	Frequency (MHz)	23.88	23.68	23.48	Max. Throughput		
		1	1	23.88	23.68	23.48	24		
		Channel	Frequency (MHz)	23.88	23.68	23.48	Max. Throughput		
		1	1	23.88	23.68	23.48	24		
		Channel	Frequency (MHz)	23.88	23.68	23.48	Max. Throughput		

n5 (SCS 15 kHz) (Ant2)									
BW	MCS Index	RB Size		RB Offset	L1 RB	RB	MCS	Max. Throughput (Mbps)	Max. Throughput (Mbps)
		Channel	Frequency (MHz)						
20M	DTT+OFDM PUS BPSK	1	1	23.20	23.48	23.45	24		
		1	53	23.23	23.35	23.42	24		
		1	104	23.18	23.38	23.39	24		
		50	0	22.70	22.84	23.04	23.5		
		50	28	23.19	23.48	23.39	24		
		50	56	22.70	22.82	23.03	23.5		
	DTT+OFDM QPSK	100	0	22.66	22.90	23.08	23.5		
		1	1	23.32	23.48	23.53	24		
		1	53	23.17	23.34	23.44	24		
		1	104	23.17	23.31	23.48	24		
		50	0	22.27	22.40	22.41	23		
		50	28	23.21	23.28	23.42	24		
10M	DTT+OFDM QPSK	50	56	22.18	22.31	22.30	23		
		100	0	22.24	22.34	22.43	23		
		1	1	22.04	22.34	22.28	23		
		1	1	23.06	21.22	21.23	22		
		1	1	18.48	18.47	18.55	20		
		Channel	Frequency (MHz)	23.20	23.34	23.59	Max. Throughput		
	MCS Index	1	1	23.25	23.38	23.51	24		
		Channel	Frequency (MHz)	23.25	23.38	23.51	Max. Throughput		
		1	1	23.25	23.38	23.51	24		
		Channel	Frequency (MHz)	23.25	23.38	23.51	Max. Throughput		
		1	1	23.25	23.38	23.51	24		
		Channel	Frequency (MHz)	23.25	23.38	23.51	Max. Throughput		
5M	DTT+OFDM QPSK	1	1	23.20	23.34	23.59	24		
		Channel	Frequency (MHz)	23.20	23.34	23.59	Max. Throughput		
		1	1	23.20	23.34	23.59	24		
		Channel	Frequency (MHz)	23.20	23.34	23.59	Max. Throughput		
		1	1	23.20	23.34	23.59	24		
		Channel	Frequency (MHz)	23.20	23.34	23.59	Max. Throughput		

n7 (SCS 15 kHz) (Ant1)									
BW	MCS Index	RB Size		RB Offset	L1 RB	RB	MCS	Max. Throughput (Mbps)	Max. Throughput (Mbps)
		Channel	Frequency (MHz)						
40M	DTT+OFDM PUS BPSK	1	1	23.67	23.70	23.74	24		
		1	107	23.50	23.72	23.74	24		
		1	214	23.61	23.60	23.56	24		
		100	0	23.05	23.80	23.19	23.5		
		100	54	23.08	23.80	23.58	24		
		100	108	23.11	23.08	23.17	23.5		
	DTT+OFDM QPSK	216	0	22.95	22.98	23.08	23.5		
		1	1	23.71	23.78	23.89	24		
		1	107	23.60	23.67	23.86	24		
		1	214	23.56	23.66	23.85	24		
		100	0	22.47	22.61	22.62	23		
		100	54	23.46	23.66	23.77	24		
20M	DTT+OFDM QPSK	100	108	22.65	22.55	22.80	23		
		216	0	22.55	22.64	22.62	23		
		1	1	22.80	22.79	22.85	23		
		1	1	23.41	21.30	21.29	22		
		1	1	18.90	18.48	18.55	20		
		Channel	Frequency (MHz)	23.67	23.70	23.74	Max. Throughput		
	MCS Index	1	1	23.65	23.71	23.80	24		
		Channel	Frequency (MHz)	23.65	23.71	23.80	Max. Throughput		
		1	1	23.65	23.71	23.80	24		
		Channel	Frequency (MHz)	23.65	23.71	23.80	Max. Throughput		
		1	1	23.65	23.71	23.80	24		
		Channel	Frequency (MHz)	23.65	23.71	23.80	Max. Throughput		
10M	DTT+OFDM QPSK	1	1	23.70	23.75	23.82	24		
		Channel	Frequency (MHz)	23.70	23.75	23.82	Max. Throughput		
		1	1	23.70	23.75	23.82	24		
		Channel	Frequency (MHz)	23.70	23.75	23.82	Max. Throughput		
		1	1	23.70	23.75	23.82	24		
		Channel	Frequency (MHz)	23.70	23.75	23.82	Max. Throughput		
5M	DTT+OFDM QPSK	1	1	23.62	23.67	23.64	24		
		Channel	Frequency (MHz)	23.62	23.67	23.64	Max. Throughput		
		1	1	23.62	23.67	23.64	24		
		Channel	Frequency (MHz)	23.62	23.67	23.64	Max. Throughput		
		1	1	23.62	23.67	23.64	24		
		Channel	Frequency (MHz)	23.62	23.67	23.64	Max. Throughput		

n12 (SCS 15 kHz) (Ant2)									
BW	MCS Index	RB Size		RB Offset	L1 RB	RB	MCS	Max. Throughput (Mbps)	Max. Throughput (Mbps)
		Channel	Frequency (MHz)						
15M	DTT+OFDM PUS BPSK	1	1	23.19	23.35	23.21	24		
		1	38	23.13	23.17	23.07	24		
		1	77	23.23	23.24	23.16	24		
		36	0	22.78	22.76	22.61	23.5		
		36	22	23.15	23.24	23.11	24		
		36	43	22.56	22.57	22.58	23.5		
	DTT+OFDM QPSK	75	0	22.63	22.60	22.72	23.5		
		1	1	23.29	23.36	23.31	24		
		1	38	23.25	23.31	23.30	24		
		1	77	23.28	23.28	23.21	24		
		36	0	22.18	22.27	22.12	23		
		36	22	23.12	23.08	23.03	24		
5M	DTT+OFDM QPSK	36	43	22.08	22.07	21.92	23		
		75	0	22.23	22.25	22.13	23		
		1	1	22.36	22.36	22.32	23		
		1	1	20.94	20.89	20.87	22		
		1	1	18.57	18.48	18.54	20		
		Channel	Frequency (MHz)	23.19	23.35	23.21	Max. Throughput		
	MCS Index	1	1	23.14	23.33	23.20	24		
		Channel	Frequency (MHz)	23.14	23.33	23.20	Max. Throughput		
		1	1	23.14	23.33	23.20	24		
		Channel	Frequency (MHz)	23.14	23.33	23.20	Max. Throughput		
		1	1	23.14	23.33	23.20	24		
		Channel	Frequency (MHz)	23.14	23.33	23.20	Max. Throughput		

n14 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			158600		
		Frequency (MHz)			793		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		23.22		24
		1	25		23.11		24
		1	50		23.19		24
		25	0		22.70		23.5
		25	14		23.21		24
		25	27		22.58		23.5
		50	0		22.77		23.5
	DFT-s-OFDM QPSK	1	1		23.25		24
		1	25		23.22		24
		1	50		23.22		24
		25	0		22.31		23
		25	14		23.18		24
		25	27		22.06		23
		50	0		22.18		23
	DFT-s-OFDM 16QAM	1	1		22.46		23
	DFT-s-OFDM 64QAM	1	1		20.98		22
	DFT-s-OFDM 256QAM	1	1		18.66		20
BW	MCS Index	Channel		158100	158600	159100	Max. Tune-up
		Frequency (MHz)		790.5	793	795.5	
5M	DFT-s-OFDM QPSK	1	1	23.22	23.17	23.24	24

n25 (SCS 15 kHz) (Ant1)									
BW	MCS Index	RB Size		RB Offset	Low	Mid	High	Max. Turn-up (dB)	
		Frequency (MHz)	Time (ms)						
40M	DTT+OFDM BPSK	1	1	23.30	23.23	23.17	24		
		1	107	23.23	23.19	23.13	24		
		1	214	23.22	23.15	23.14	24		
		108	0	22.86	22.85	22.80	23		
		108	54	23.18	23.15	23.18	24		
		108	108	22.82	22.86	22.73	23.5		
	DTT+OFDM QPSK	216	0	22.72	22.76	22.60	23.5		
		1	1	23.37	23.36	23.29	24		
		1	107	23.29	23.25	23.20	24		
		1	214	23.27	23.36	23.23	24		
		108	0	22.31	22.36	22.30	23		
		108	54	23.33	23.24	23.20	24		
20M	DTT+OFDM QPSK	108	108	22.27	22.27	22.31	23		
		216	0	22.37	22.35	22.27	23		
		1	1	23.32	23.33	23.22	23		
		DTT+OFDM BPSK	1	1	23.89	23.86	23.80	22	
		DTT+OFDM BPSK	1	1	18.41	18.38	18.28	20	
		Channel	37000	37000	36000		Max. Turn-up		
20M	DTT+OFDM QPSK	1	1	23.33	23.37	23.24	24		
		Channel	37000	37000	36000		Max. Turn-up		
20M	MCS Index	1	1	23.25	23.24	23.24	24		
		Frequency (MHz)	37000	37000	36000		Max. Turn-up		
20M	MCS Index	1	1	23.26	23.25	23.25	24		
		Frequency (MHz)	37000	37000	36000		Max. Turn-up		
15M	DTT+OFDM QPSK	1	1	23.28	23.37	23.17	24		
		Channel	37000	37000	36000		Max. Turn-up		
15M	MCS Index	1	1	23.33	23.36	23.16	24		
		Channel	37000	37000	36000		Max. Turn-up		
15M	MCS Index	1	1	23.25	23.23	23.23	24		
		Channel	37000	37000	36000		Max. Turn-up		

n30 (SCS 15 kHz) (Ant2)									
BW	MCS Index	RB Size		RB Offset	L1 DM	RB		High	Max. Turn-up
		Channel	Frequency (MHz)			Channel	Frequency (MHz)		
10M	DTT+OFDM F12 QPSK	1	1			23.75	24		
		1	25			23.71	24		
		1	50			23.62	24		
		25	0			23.58	23.5		
		25	14			23.70	24		
		25	27			23.25	23.5		
	DTT+OFDM QPSK	50	0			23.27	23.5		
		1	1			23.94	24		
		1	25			23.84	24		
		1	50			23.81	24		
		25	0			22.71	23		
		25	14			23.79	24		
5M	DTT+OFDM QPSK	25	27			22.76	23		
		50	0			22.82	23		
		1	1			22.75	23		
		DTT+OFDM BPSK	1	1		21.32	22		
		DTT+OFDM BPSK	1	1		19.04	20		
		Channel	46350	46350	46200		Max. Turn-up		
5M	DTT+OFDM QPSK	1	1	23.82	23.80	23.80	24		
		Channel	2387.5	2387.5	2382.5		Max. Turn-up		

n38 (SCS 30 kHz) (Ant1)									
BW	MCS Index	RB Size		RB Offset	L1 DM	RB		Max. Turn-up (dB)	
		Frequency (MHz)	Power (dBm)			Power (dBm)			
40M	DTT+OFDM F12 BPSK	1	1	23.42	23.45	23.51	24		
		1	52	23.36	23.43	23.48	24		
		1	104	23.39	23.41	23.47	24		
		50	0	22.88	22.88	22.88	23.5		
		50	26	23.27	23.38	23.29	24		
		50	50	23.83	23.99	23.86	23.5		
	DTT+OFDM QPSK	100	0	23.04	23.14	23.04	23.5		
		1	1	23.53	23.67	23.52	24		
		1	52	23.46	23.64	23.57	24		
		1	104	23.44	23.54	23.57	24		
		50	0	22.40	22.45	22.49	23		
		50	26	23.26	23.33	23.36	24		
20M	DTT+OFDM QPSK	50	50	22.42	22.40	22.35	23		
		100	0	22.31	22.39	22.35	23		
		1	1	22.59	22.65	22.54	23		
		DTT+OFDM BPSK	1	1	21.11	21.13	21.17	22	
		DTT+OFDM BPSK	1	1	18.44	18.43	18.39	20	
		Channel	51760	51800	51550				
BW	MCS Index	Channel	51600	51800	51550		Max. Turn-up		
30M	DTT+OFDM QPSK	1	1	23.51	23.63	23.47	24		
20M	MCS Index	Channel	51500	51500	51500		Max. Turn-up		
		Frequency (MHz)	51500	51500	51500		Max. Turn-up		
20M	DTT+OFDM QPSK	1	1	23.38	23.55	23.40	24		

n41 (SCS 30 kHz) (Ant2)										
BW	MCS Index	RB Size		RB Offset	L1 DM	RB	RB Offset	RB	Max. Turn-up (dB)	
		Frequency (MHz)								
100M	DTT+OFDM F12 BPSK	1	1	23.20	23.25	23.27	24			
		1	137	23.23	23.19	23.20	24			
		1	275	23.16	23.13	23.17	24			
		136	0	22.59	22.72	22.71	23.5			
		136	68	23.14	23.26	23.19	24			
		136	136	22.63	22.69	22.70	23.5			
	DTT+OFDM QPSK	270	0	22.71	22.79	22.74	23.5			
		1	1	23.36	23.38	23.37	24			
		1	137	23.25	23.36	23.33	24			
		1	275	23.19	23.32	23.30	24			
		136	0	22.14	22.23	22.22	23			
		136	68	23.22	23.28	23.27	24			
50M	DTT+OFDM QPSK	136	136	22.08	22.09	22.10	23			
		270	0	22.24	22.26	22.18	23			
		1	1	22.43	22.38	22.44	23			
		DTT+OFDM BPSK	1	1	21.03	21.03	21.07	22		
		DTT+OFDM BPSK	1	1	18.21	18.31	18.22	19		
		Channel	58000	58000	57800		Max. Turn-up			
50M	DTT+OFDM QPSK	1	1	23.25	23.33	23.25	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.25	23.36	23.25	24			
		Frequency (MHz)	58000	58000	57800		Max. Turn-up			
50M	DTT+OFDM QPSK	1	1	23.22	23.24	23.24	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.23	23.28	23.27	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.26	23.37	23.30	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.35	23.29	23.25	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.27	23.26	23.22	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	DTT+OFDM QPSK	1	1	23.39	23.36	23.27	24			
		Channel	58000	58000	57800		Max. Turn-up			
50M	MCS Index	1	1	23.25	23.26	23.30	24			
		Channel	58000	58000	57800		Max. Turn-up			
30M	MCS Index	1	1	23.33	23.36	23.27	24			
		Channel	58000	58000	57800		Max. Turn-up			
30M	DTT+OFDM QPSK	1	1	23.25	23.26	23.30	24			
		Channel	58000	58000	57800		Max. Turn-up			

n48 (SCS 30 kHz) (Ant1)							
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/V2 BPSK	1	1	22.92	22.95	22.98	24
		1	52	22.75	22.87	22.89	24
		1	104	22.87	22.91	22.91	24
		50	0	22.41	22.52	22.52	23.5
		50	28	22.84	22.89	22.94	24
		50	56	22.35	22.44	22.43	23.5
		100	0	22.29	22.46	22.48	23.5
		1	1	23.04	23.06	23.21	24
	DFT-s-OFDM QPSK	1	52	23.08	23.11	23.10	24
		1	104	22.98	23.09	23.20	24
		50	0	21.84	21.95	21.98	23
		50	28	22.84	23.00	22.91	24
		50	56	21.79	22.00	21.95	23
		100	0	21.90	21.95	22.08	23
		DFT-s-OFDM 16QAM	1	1	21.98	22.12	23
		DFT-s-OFDM 64QAM	1	1	20.51	20.65	22
		DFT-s-OFDM 256QAM	1	1	18.19	18.18	20
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM QPSK	1	1	23.03	22.99	23.14	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	22.91	22.93	23.12	24

n66 (SCS 15 kHz) (Ant1)								
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 P2 BPSK	1	1	23.38	23.42	23.50	24	
		1	107	23.25	23.42	23.40	24	
		1	214	23.10	23.31	23.33	24	
		108	0	23.23	23.31	23.27	24	
		108	54	23.28	23.36	23.39	24	
		108	108	23.36	23.49	23.55	24	
		216	0	23.33	23.37	23.51	24	
		1	1	23.52	23.50	23.62	24	
	DFT-s-OFDM QPSK	1	107	23.38	23.49	23.49	24	
		1	214	23.23	23.28	23.37	24	
		108	0	22.75	22.86	22.88	24	
		108	54	23.39	23.40	23.42	24	
		108	108	22.87	22.98	23.00	24	
		216	0	22.85	22.87	23.03	24	
		DFT-s-OFDM 16QAM	1	1	22.75	22.84	22.88	23
		DFT-s-OFDM 64QAM	1	1	21.38	21.45	21.43	22
	DFT-s-OFDM 256QAM	1	1	18.74	18.85	18.80	20	
BW	MCS Index	Channel		345000	348000	353000	Max. Tune-up	
		Frequency (MHz)		1725	1745	1765		
30M	DFT-s-OFDM QPSK	1	1	23.47	23.39	23.59	24	
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up	
		Frequency (MHz)		1720	1745	1770		
20M	DFT-s-OFDM QPSK	1	1	23.48	23.42	23.54	24	
BW	MCS Index	Channel		343000	348000	354000	Max. Tune-up	
		Frequency (MHz)		1717.5	1745	1772.5		
15M	DFT-s-OFDM QPSK	1	1	23.43	23.35	23.49	24	
BW	MCS Index	Channel		343000	349000	350000	Max. Tune-up	
		Frequency (MHz)		1715	1745	1775		
10M	DFT-s-OFDM QPSK	1	1	23.51	23.44	23.55	24	
BW	MCS Index	Channel		342500	349000	350000	Max. Tune-up	
		Frequency (MHz)		1712.5	1745	1777.5		
5M	DFT-s-OFDM QPSK	1	1	23.50	23.44	23.53	24	

n71 (SCS 15 kHz) (Ant2)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		134600	136100	137600		
		Frequency (MHz)		673	680.5	688		
20M	DFT-s-OFDM P2 BPSK	1	1	23.29	23.44	23.41	24	
		1	53	23.20	23.24	23.25	24	
		1	104	23.22	23.27	23.32	24	
		50	0	22.69	22.72	22.83	23.5	
		50	28	23.16	23.26	23.32	24	
		50	56	22.66	22.73	22.71	23.5	
		100	0	22.76	22.80	22.74	23.5	
		DFT-s-OFDM QPSK	1	1	23.45	23.42	23.52	24
	1		53	23.32	23.33	23.37	24	
	1		104	23.28	23.36	23.39	24	
	50		0	22.27	22.31	22.27	23	
	50		28	23.28	23.23	23.37	24	
	50		56	22.17	22.30	22.34	23	
	100		0	22.28	22.34	22.27	23	
	DFT-s-OFDM 16QAM		1	1	22.37	22.53	22.43	23
	DFT-s-OFDM 64QAM	1	1	21.06	21.02	21.09	22	
	DFT-s-OFDM 256QAM	1	1	18.56	18.61	18.75	20	
	BW	MCS Index	Channel		134100	136100	138100	Max. Tune-up
			Frequency (MHz)		670.5	680.5	690.5	
	15M	DFT-s-OFDM QPSK	1	1	23.37	23.37	23.46	24
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up	
		Frequency (MHz)		668	680.5	693		
10M	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.41	24	
BW	MCS Index	Channel		132100	136100	139100	Max. Tune-up	
		Frequency (MHz)		665.5	680.5	695.5		
5M	DFT-s-OFDM QPSK	1	1	23.39	23.39	23.40	24	

n77 (SCS 30 kHz) (Ant7) 3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel	Frequency (MHz)	3500.01			
100M	DFT-s-OFDM P22 BPSK	1	1	22.71		24	
		1	137	22.54		24	
		1	271	22.59		24	
		135	0	22.07		23.5	
		135	69	22.68		24	
		135	138	22.16		23.5	
		270	0	22.19		23.5	
	DFT-s-OFDM QPSK	1	1	22.73		24	
		1	137	22.62		24	
		1	271	22.59		24	
		135	0	21.60		23	
		135	69	22.66		24	
		135	138	21.62		23	
		270	0	21.62		23	
	DFT-s-OFDM 16QAM	1	1	21.81		23	
	DFT-s-OFDM 64QAM	1	1	20.29		22	
	DFT-s-OFDM 256QAM	1	1	17.93		20	
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	22.65	22.70	22.68	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3480.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	22.64	22.70	22.58	24
BW	MCS Index	Channel		632234	632234	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.72	22.69	22.65	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3518.99	
60M	DFT-s-OFDM QPSK	1	1	22.72	22.65	22.66	24
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	22.72	22.69	22.65	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	22.69	22.66	22.66	24
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	22.63	22.72	22.69	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	22.71	22.68	22.69	24
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	22.62	22.70	22.72	24

n77 (SCS 30 kHz) (Ant7) 3700MHz-3980MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel	Frequency (MHz)	650000	656000	662000	
100M	DFT-s-OFDM P22 BPSK	1	1	22.57	22.39	22.45	24
		1	137	22.44	22.31	22.31	24
		1	271	22.37	22.24	22.30	24
		135	0	22.00	21.74	21.95	23.5
		135	69	22.64	22.40	22.38	24
		135	138	22.01	21.70	21.78	23.5
		270	0	22.00	21.83	21.83	23.5
	DFT-s-OFDM QPSK	1	1	22.76	22.44	22.62	24
		1	137	22.64	22.41	22.55	24
		1	271	22.51	22.34	22.47	24
		135	0	21.54	21.32	21.49	23
		135	69	22.59	22.36	22.51	24
		135	138	21.60	21.31	21.44	23
		270	0	21.52	21.37	21.35	23
	DFT-s-OFDM 16QAM	1	1	21.77	21.44	21.61	23
	DFT-s-OFDM 64QAM	1	1	20.19	19.92	19.95	22
	DFT-s-OFDM 256QAM	1	1	17.79	17.54	17.66	20
BW	MCS Index	Channel		649668	656000	662332	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	22.69	22.39	22.60	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	22.68	22.37	22.54	24
BW	MCS Index	Channel		632234	656000	654332	Max. Tune-up
		Frequency (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.72	22.38	22.60	24
BW	MCS Index	Channel		649668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	22.73	22.39	22.51	24
BW	MCS Index	Channel		648334	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	22.64	22.29	22.53	24
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	22.69	22.30	22.60	24
BW	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	22.65	22.29	22.49	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	22.70	22.31	22.60	24
BW	MCS Index	Channel		647000	656000	665000	Max. Tune-up
		Frequency (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	22.67	22.36	22.50	24

n78 (SCS 30 kHz) (Ant7) 3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel	Frequency (MHz)	633334	3500.01		
100M	DFT-s-OFDM P22 BPSK	1	1	22.66		24	
		1	137	22.58		24	
		1	271	22.41		24	
		135	0	21.76		23.5	
		135	69	22.58		24	
		135	138	21.80		23.5	
		270	0	21.81		23.5	
	DFT-s-OFDM QPSK	1	1	22.84		24	
		1	137	22.79		24	
		1	271	22.76		24	
		135	0	22.29		23	
		135	69	22.76		24	
		135	138	22.25		23	
		270	0	22.26		23	
	DFT-s-OFDM 16QAM	1	1	21.64		23	
	DFT-s-OFDM 64QAM	1	1	20.48		22	
	DFT-s-OFDM 256QAM	1	1	17.78		20	
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	22.74	22.77	22.76	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3480.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	22.79	22.79	22.81	24
BW	MCS Index	Channel		632234	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.70	22.80	22.81	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3518.99	
60M	DFT-s-OFDM QPSK	1	1	22.79	22.78	22.79	24
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	22.83	22.77	22.82	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	22.83	22.69	22.72	24
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	22.71	22.78	22.82	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	22.78	22.70	22.71	24
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	22.79	22.74	22.81	24

n77 (SCS 30 kHz) (Ant4), 3450MHz-3550MHz for FCC								
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)		
		Channel		633334				
		Frequency (MHz)		3500.01				
100M	DFT-s-OFDM P2 BPSK	1	1	21.74		24		
		1	137	21.96		24		
		1	271	22.21		24		
		135	0	21.53		24		
		135	69	22.09		24		
		135	138	21.67		24		
		270	0	21.63		24		
		1	1	22.22		24		
	DFT-s-OFDM QPSK	1	137	22.15		24		
		1	271	22.19		24		
		135	0	21.04		24		
		135	69	22.14		24		
		135	138	21.19		24		
		270	0	21.10		24		
		DFT-s-OFDM 16QAM	1	1	21.30		23	
		DFT-s-OFDM 64QAM	1	1	19.42		22	
	DFT-s-OFDM 256QAM	1	1	17.64		20		
	BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
			Frequency (MHz)		3495	3500.01		
	90M	DFT-s-OFDM QPSK	1	1	21.88	21.95	21.85	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	21.98	21.99	21.99	24	
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up	
		Frequency (MHz)		3485.01	3500.01	3514.98		
70M	DFT-s-OFDM QPSK	1	1	21.93	21.93	21.98	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	21.90	21.91	21.95	24	
BW	MCS Index	Channel		631668	633334	633999	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3525		
50M	DFT-s-OFDM QPSK	1	1	21.90	21.97	21.87	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	21.86	21.96	21.91	24	
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up	
		Frequency (MHz)		3465	3500.01	3534.99		
30M	DFT-s-OFDM QPSK	1	1	21.90	21.96	21.87	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	21.98	21.95	21.92	24	
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up	
		Frequency (MHz)		3455.01	3500.01	3544.98		
10M	DFT-s-OFDM QPSK	1	1	21.98	21.98	21.88	24	

n77 (SCS 30 kHz) (Ant4), 3700MHz-3980MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	655000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM P22 BPSK	1	1	22.00	22.26	22.25	24
		1	137	22.01	22.17	22.20	24
		1	271	21.49	21.73	21.66	24
		135	0	21.52	21.84	21.77	24
		135	69	22.05	22.30	22.35	24
		135	138	21.45	21.81	21.71	24
		270	0	21.61	21.89	21.91	24
		1	1	22.36	22.55	22.63	24
	DFT-s-OFDM QPSK	1	137	22.16	22.46	22.53	24
		1	271	21.14	21.41	21.33	24
		135	0	21.03	21.36	21.35	24
		135	69	22.09	22.29	22.34	24
		135	138	21.03	21.21	21.31	24
		270	0	21.13	21.34	21.34	24
		1	1	21.30	21.48	21.56	23
		1	1	19.29	19.65	19.66	22
	DFT-s-OFDM 256QAM	1	1	17.56	17.71	17.82	20
BW	MCS Index	Channel		648668	655000	662332	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	1	1	22.12	22.43	22.51	24
BW	MCS Index	Channel		649334	655000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM MCSK	1	1	22.23	22.42	22.49	24
BW	MCS Index	Channel		632334	655000	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3840	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.23	22.37	22.46	24
BW	MCS Index	Channel		648668	655000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	22.17	22.35	22.38	24
BW	MCS Index	Channel		648334	655000	663666	Max. Tune-up
		Frequency (MHz)		3725.01	3840	3954.98	
50M	DFT-s-OFDM QPSK	1	1	22.15	22.31	22.47	24
BW	MCS Index	Channel		648000	655000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	22.22	22.37	22.39	24
BW	MCS Index	Channel		647668	655000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3954.98	
30M	DFT-s-OFDM QPSK	1	1	22.18	22.30	22.50	24
BW	MCS Index	Channel		647334	655000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	22.16	22.34	22.51	24
BW	MCS Index	Channel		647000	655000	665000	Max. Tune-up
		Frequency (MHz)		3705	3840	3975	
10M	DFT-s-OFDM QPSK	1	1	22.22	22.40	22.47	24

n78 (SCS 30 kHz) (Ant4) 3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Mid			Max. Tune-up (dBm)
100M	DFT-s-OFDM P22 BPSK	Channel		633334			
		Frequency (MHz)		3500.01			
		1	1	22.03			24
		1	137	22.23			24
		1	271	22.25			24
		135	0	21.71			24
		135	69	22.25			24
		135	138	21.85			24
	DFT-s-OFDM QPSK	270	0	21.74			24
		1	1	22.53			24
		1	137	22.15			24
		1	271	22.02			24
		135	0	21.18			24
		135	69	22.27			24
		135	138	21.34			24
		270	0	21.25			24
	DFT-s-OFDM 16QAM	1	1	21.05			23
DFT-s-OFDM 64QAM	1	1	19.32			22	
DFT-s-OFDM 256QAM	1	1	17.36			20	
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	22.09	22.14	22.14	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM MCSK	1	1	22.10	22.00	22.03	24
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.14	22.02	22.07	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	22.03	22.11	22.00	24
BW	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50M	DFT-s-OFDM QPSK	1	1	22.03	22.12	22.12	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	22.01	22.14	22.05	24
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	22.11	22.03	22.14	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	22.05	22.12	22.00	24
BW	MCS Index	Channel		630334	633334	636332	Max. Tune-up
		Frequency (MHz)		3455.01	3500.01	3544.98	
10M	DFT-s-OFDM QPSK	1	1	22.08	22.06	22.13	24

n77 (SCS 30 kHz) (Ant5) 3450MHz-3550MHz						
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-s-OFDM P22 BPSK	1	1	19.23		21
		1	137	19.24		21
		1	271	19.51		21
		135	0	18.86		21
		135	69	19.35		21
		135	138	19.02		21
		270	0	18.83		21
		1	1	19.68		21
	DFT-s-OFDM QPSK	1	137	19.41		21
		1	271	19.28		21
		135	0	18.35		21
		135	69	18.33		21
		135	138	18.45		21
		270	0	18.35		20
		1	1	18.41		20
		1	1	16.57		19
		1	1	15.06		17
BW	MCS Index	Channel		632000	633334	633666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.65	19.57	19.63 21
BW	MCS Index	Channel		632668	633334	634000 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	19.65	19.54	19.65 21
BW	MCS Index	Channel		632334	633334	634332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	19.60	19.54	19.66 21
BW	MCS Index	Channel		632000	633334	634666 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	19.62	19.65	19.67 21
BW	MCS Index	Channel		631668	633334	635000 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.59	19.53	19.65 21
BW	MCS Index	Channel		631334	633334	635332 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	19.64	19.56	19.63 21
BW	MCS Index	Channel		631000	633334	635666 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	19.65	19.54	19.58 21
BW	MCS Index	Channel		630668	633334	636000 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	19.58	19.62	19.58 21
BW	MCS Index	Channel		630334	633334	636332 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	19.62	19.64	19.65 21

n77 (SCS 30 kHz) (Ant5) 3700MHz-3800MHz						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM P22 BPSK	1	1	19.20	19.22	19.51
		1	137	19.07	19.07	19.40
		1	271	18.93	18.97	19.22
		135	0	18.99	18.95	19.21
		135	69	19.41	19.40	19.73
		135	138	18.79	18.74	18.98
		270	0	18.85	18.88	19.14
		1	1	19.49	19.47	19.77
	DFT-s-OFDM QPSK	1	137	19.43	19.38	19.66
		1	271	19.28	19.27	19.50
		135	0	18.66	18.50	18.88
		135	69	18.46	18.27	18.60
		135	138	18.35	18.30	18.60
		270	0	18.32	18.33	18.55
		1	1	18.71	18.58	18.97
		1	1	17.02	16.92	17.28
		1	1	15.11	15.09	15.38
BW	MCS Index	Channel		649668	656000	662332 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.41	19.40	19.73 21
BW	MCS Index	Channel		648334	656000	662666 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	19.41	19.39	19.70 21
BW	MCS Index	Channel		632334	656000	663332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	19.41	19.40	19.73 21
BW	MCS Index	Channel		648668	656000	663332 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	19.34	19.33	19.72 21
BW	MCS Index	Channel		648334	656000	663666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.44	19.42	19.68 21
BW	MCS Index	Channel		648000	656000	664000 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	19.42	19.34	19.74 21
BW	MCS Index	Channel		647668	656000	664332 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	19.39	19.38	19.72 21
BW	MCS Index	Channel		647334	656000	664666 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	19.40	19.42	19.75 21
BW	MCS Index	Channel		647000	656000	665000 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	19.40	19.35	19.63 21

n78 (SCS 30 kHz) (Ant5) 3450MHz-3550MHz						
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-s-OFDM P22 BPSK	1	1	19.45		21
		1	137	19.61		21
		1	271	19.43		21
		135	0	19.24		21
		135	69	19.61		21
		135	138	18.97		21
		270	0	19.02		21
	DFT-s-OFDM QPSK	1	1	19.71		21
		1	137	19.56		21
		1	271	19.33		21
		135	0	18.73		21
		135	69	18.58		21
		135	138	18.49		21
		270	0	18.54		20
		1	1	18.73		20
		1	1	17.07		19
		1	1	15.79		17
BW	MCS Index	Channel		632000	633334	633666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.67	19.67	19.68 21
BW	MCS Index	Channel		632668	633334	634000 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	19.67	19.63	19.65 21
BW	MCS Index	Channel		632334	633334	634332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	19.56	19.63	19.59 21
BW	MCS Index	Channel		632000	633334	634666 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	19.60	19.57	19.67 21
BW	MCS Index	Channel		631668	633334	635000 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	19.66	19.67	19.65 21
BW	MCS Index	Channel		631334	633334	635332 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	19.61	19.56	19.67 21
BW	MCS Index	Channel		631000	633334	635666 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	19.68	19.65	19.64 21
BW	MCS Index	Channel		630668	633334	636000 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	19.59	19.70	19.56 21
BW	MCS Index	Channel		630334	633334	636332 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	19.65	19.70	19.56 21

n77 (SCS 30 kHz) (Ant6) 3450MHz-3550MHz						
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)
		Channel		633334		
100M	DFT-s-OFDM P22 BPSK	Frequency (MHz)		3500.01		
		1	1	20.17		22
		1	137	20.43		22
		1	271	20.95		22
		135	0	19.83		22
		135	69	20.47		22
		135	138	20.24		22
		270	0	20.00		22
	DFT-s-OFDM QPSK	1	1	20.96		22
		1	137	20.44		22
		1	271	20.21		22
		135	0	19.28		22
		135	69	20.46		22
		135	138	19.72		22
		270	0	19.48		21
	DFT-s-OFDM 16QAM	1	1	19.33		21
	DFT-s-OFDM 64QAM	1	1	18.12		20
	DFT-s-OFDM 256QAM	1	1	16.05		18
BW	MCS Index	Channel		632000	633334	633666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	20.81	20.84	20.94 22
BW	MCS Index	Channel		632668	633334	634000 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	20.93	20.85	20.88 22
BW	MCS Index	Channel		632334	633334	634332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	20.83	20.91	20.92 22
BW	MCS Index	Channel		632000	633334	634666 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	20.83	20.90	20.83 22
BW	MCS Index	Channel		631668	633334	635000 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	20.81	20.84	20.84 22
BW	MCS Index	Channel		631334	633334	635332 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	20.81	20.85	20.81 22
BW	MCS Index	Channel		631000	633334	635666 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	20.88	20.83	20.90 22
BW	MCS Index	Channel		630668	633334	636000 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	20.95	20.94	20.83 22
BW	MCS Index	Channel		630334	633334	636332 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	20.90	20.85	20.83 22

n77 (SCS 30 kHz) (Ant6) 3700MHz-3800MHz						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	650000	662000
100M	DFT-s-OFDM P22 BPSK	Frequency (MHz)		3750	3840	3850
		1	1	21.03	20.94	21.06 22
		1	137	21.21	21.08	21.22 22
		1	271	21.03	20.91	21.00 22
		135	0	20.65	20.53	20.60 22
		135	69	21.16	21.08	21.08 22
		135	138	20.48	20.41	20.55 22
		270	0	20.63	20.57	20.64 22
	DFT-s-OFDM QPSK	1	1	21.24	21.16	21.33 22
		1	137	21.15	21.07	21.17 22
		1	271	21.03	20.95	21.09 22
		135	0	20.11	20.02	20.12 22
		135	69	21.10	20.97	21.19 22
		135	138	20.02	19.92	20.06 22
		270	0	20.04	19.95	20.01 21
	DFT-s-OFDM 16QAM	1	1	20.27	20.20	20.22 21
	DFT-s-OFDM 64QAM	1	1	18.47	18.34	18.45 20
	DFT-s-OFDM 256QAM	1	1	16.63	16.40	16.62 18
BW	MCS Index	Channel		649668	650000	662332 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	21.09	21.12	21.29 22
BW	MCS Index	Channel		649334	650000	662666 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	21.17	21.11	21.29 22
BW	MCS Index	Channel		632334	650000	634332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	21.18	21.03	21.28 22
BW	MCS Index	Channel		640668	650000	663332 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	21.23	21.11	21.28 22
BW	MCS Index	Channel		640334	650000	663666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	21.22	21.08	21.31 22
BW	MCS Index	Channel		648000	650000	664000 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	21.17	21.09	21.32 22
BW	MCS Index	Channel		647668	650000	664332 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	21.17	21.13	21.29 22
BW	MCS Index	Channel		647334	650000	664666 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	21.10	21.11	21.31 22
BW	MCS Index	Channel		647000	650000	665000 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	21.20	21.04	21.35 22

n78 (SCS 30 kHz) (Ant6) 3450MHz-3550MHz						
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)
		Channel		633334		
100M	DFT-s-OFDM P22 BPSK	Frequency (MHz)		3500.01		
		1	1	20.91		22
		1	137	20.46		22
		1	271	20.92		22
		135	0	19.78		22
		135	69	20.43		22
		135	138	20.16		22
		270	0	19.91		22
	DFT-s-OFDM QPSK	1	1	21.04		22
		1	137	20.88		22
		1	271	20.81		22
		135	0	19.25		22
		135	69	20.43		22
		135	138	19.69		22
		270	0	19.44		21
	DFT-s-OFDM 16QAM	1	1	19.24		21
	DFT-s-OFDM 64QAM	1	1	17.37		20
	DFT-s-OFDM 256QAM	1	1	15.62		18
BW	MCS Index	Channel		632000	633334	633666 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	21.00	20.95	20.90 22
BW	MCS Index	Channel		632668	633334	634000 Max. Tune-up
80M	DFT-s-OFDM QPSK	1	1	21.01	21.03	20.89 22
BW	MCS Index	Channel		632334	633334	634332 Max. Tune-up
70M	DFT-s-OFDM QPSK	1	1	20.96	20.96	20.91 22
BW	MCS Index	Channel		632000	633334	634666 Max. Tune-up
60M	DFT-s-OFDM QPSK	1	1	21.00	20.92	20.95 22
BW	MCS Index	Channel		631668	633334	635000 Max. Tune-up
50M	DFT-s-OFDM QPSK	1	1	20.90	20.90	21.03 22
BW	MCS Index	Channel		631334	633334	635332 Max. Tune-up
40M	DFT-s-OFDM QPSK	1	1	21.02	20.90	20.89 22
BW	MCS Index	Channel		631000	633334	635666 Max. Tune-up
30M	DFT-s-OFDM QPSK	1	1	20.96	21.01	20.91 22
BW	MCS Index	Channel		630668	633334	636000 Max. Tune-up
20M	DFT-s-OFDM QPSK	1	1	20.95	20.98	20.89 22
BW	MCS Index	Channel		630334	633334	636332 Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	21.01	20.94	20.98 22

ULCA

CA_5B									
Combination 10MHz+10MHz (50RB+50RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
20450	829	20549	838.9	QPSK	1	49	1	0	22.49
				16QAM	1	49	1	0	21.80
				64QAM	1	49	1	0	20.72
				256QAM	1	49	1	0	17.68
20476	831.6	20575	841.5	QPSK	1	49	1	0	22.38
				16QAM	1	49	1	0	21.84
				64QAM	1	49	1	0	20.86
				256QAM	1	49	1	0	17.90
20501	834.1	20600	844	QPSK	1	49	1	0	22.40
				16QAM	1	49	1	0	21.62
				64QAM	1	49	1	0	20.90
				256QAM	1	49	1	0	17.78

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
20850	2510	21048	2529.8	QPSK	1	99	1	0	23.13
				16QAM	1	99	1	0	22.39
				64QAM	1	99	1	0	21.63
				256QAM	1	99	1	0	18.62
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	23.17
				16QAM	1	99	1	0	22.43
				64QAM	1	99	1	0	21.59
				256QAM	1	99	1	0	18.37
21152	2540.2	21350	2560	QPSK	1	99	1	0	23.10
				16QAM	1	99	1	0	22.40
				64QAM	1	99	1	0	21.51
				256QAM	1	99	1	0	18.42

CA_38C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
37850	2580	38048	2599.8	QPSK	1	99	1	0	23.20
				16QAM	1	99	1	0	22.17
				64QAM	1	99	1	0	21.22
				256QAM	1	99	1	0	18.14
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.27
				16QAM	1	99	1	0	22.33
				64QAM	1	99	1	0	21.35
				256QAM	1	99	1	0	18.22
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.10
				16QAM	1	99	1	0	22.33
				64QAM	1	99	1	0	21.17
				256QAM	1	99	1	0	18.22

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
39750	2506	39948	2525.8	QPSK	1	99	1	0	23.13
				16QAM	1	99	1	0	22.03
				64QAM	1	99	1	0	20.99
				256QAM	1	99	1	0	18.05
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	23.03
				16QAM	1	99	1	0	21.86
				64QAM	1	99	1	0	20.78
				256QAM	1	99	1	0	17.85
41292	2660.2	41490	2680	QPSK	1	99	1	0	23.06
				16QAM	1	99	1	0	21.86
				64QAM	1	99	1	0	21.09
				256QAM	1	99	1	0	18.06

CA_42C Part27Q									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
42190	3460	42388	3479.8	QPSK	1	99	1	0	22.77
				16QAM	1	99	1	0	21.77
				64QAM	1	99	1	0	20.77
				256QAM	1	99	1	0	17.72
42491	3490.1	42689	3509.9	QPSK	1	99	1	0	22.59
				16QAM	1	99	1	0	21.56
				64QAM	1	99	1	0	20.47
				256QAM	1	99	1	0	17.41
42792	3520.2	42990	3540	QPSK	1	99	1	0	22.48
				16QAM	1	99	1	0	21.36
				64QAM	1	99	1	0	20.59
				256QAM	1	99	1	0	17.61

CA_48C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
55340	3560	55538	3579.8	QPSK	1	99	1	0	18.36
				16QAM	1	99	1	0	18.33
				64QAM	1	99	1	0	18.26
				256QAM	1	99	1	0	18.03
55891	3615.1	56089	3634.9	QPSK	1	99	1	0	18.26
				16QAM	1	99	1	0	18.25
				64QAM	1	99	1	0	18.14
				256QAM	1	99	1	0	17.75
56442	3670.2	56640	3690	QPSK	1	99	1	0	18.06
				16QAM	1	99	1	0	18.01
				64QAM	1	99	1	0	17.99
				256QAM	1	99	1	0	17.63

CA_66B									
Combination 10MHz+10MHz (50RB+50RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
132022	1715	132121	1724.9	QPSK	1	49	1	0	23.30
				16QAM	1	49	1	0	22.59
				64QAM	1	49	1	0	22.06
				256QAM	1	49	1	0	18.84
132373	1750.1	132472	1760	QPSK	1	49	1	0	22.99
				16QAM	1	49	1	0	22.27
				64QAM	1	49	1	0	21.69
				256QAM	1	49	1	0	18.62
132523	1765.1	132622	1775	QPSK	1	49	1	0	23.35
				16QAM	1	49	1	0	22.54
				64QAM	1	49	1	0	22.04
				256QAM	1	49	1	0	18.87

CA_66C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Tune up Limit (dBm)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)
132072	1720	132270	1739.8	QPSK	1	99	1	0	22.96
				16QAM	1	99	1	0	22.34
				64QAM	1	99	1	0	21.84
				256QAM	1	99	1	0	18.64
132323	1745.1	132521	1764.9	QPSK	1	99	1	0	23.15
				16QAM	1	99	1	0	22.42
				64QAM	1	99	1	0	21.90
				256QAM	1	99	1	0	18.93
132374	1750.2	132572	1770	QPSK	1	99	1	0	23.26
				16QAM	1	99	1	0	22.55
				64QAM	1	99	1	0	21.10
				256QAM	1	99	1	0	17.97

DLCA

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)
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	23.16	23.33
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	23.22	23.31
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	23.22	23.33
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	22.56	22.6
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655	3100	23.18	23.33
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	23.13	23.33
CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	10M	737.5	5095	23.2	23.33
	Band 12	10M	711	23130	QPSK	1	49	Band 2	20M	1960	900	22.37	22.43
CA_2A-13A	Band 2	20M	1860	18700	QPSK	1	0	Band 13	10M	751	5230	23.15	23.33
	Band 13	10M	782	23230	QPSK	1	0	Band 2	20M	1960	900	22.4	22.58
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155	66886	23.21	23.33
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960	900	23.39	23.56
CA_4A-12A	Band 4	20M	1745	20300	QPSK	1	0	Band 12	10M	737.5	5095	23.19	23.31
	Band 12	10M	711	23130	QPSK	1	49	Band 4	20M	2132.5	2175	22.41	22.43
CA_4A-13A	Band 4	20M	1745	20300	QPSK	1	0	Band 13	10M	751	5230	23.31	23.31
	Band 13	10M	782	23230	QPSK	1	0	Band 4	20M	2132.5	2175	22.37	22.58
CA_5A-7A	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	22.38	22.6
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	23.3	23.33
CA_5A-66A	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	22.45	22.6
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	23.48	23.56
CA_12A-66A	Band 12	10M	711	23130	QPSK	1	49	Band 66	20M	2155	66886	22.36	22.58
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	737.5	5095	23.35	23.56
CA_13A-66A	Band 13	10M	782	23230	QPSK	1	0	Band 66	20M	2155	66886	22.37	22.58
	Band 66	20M	1770	132572	QPSK	1	0	Band 13	10M	751	5230	23.52	23.56
CA_41A-42A	Band42	20M	3540	42990	QPSK	1	50	Band 41	20M	2593	40620	22.82	22.91
	Band 41	20M	2593	40620	QPSK	1	99	Band 42	20M	3500	42590	23.44	23.48

Reduced Power For Hotspot

LTE Band 30 (Ant2)								
BW	Modulation	RB Size	RB Offset	Mid			3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		27710				
		Frequency (MHz)		2310				
10M	QPSK	1	0		21.93		0	22
		1	24		21.88		0	22
		1	49		21.87		0	22
		25	0		21.78		1	22
		25	12		21.82		1	22
		25	25		21.76		1	22
		50	0		21.79		1	22
	16QAM	1	0		21.86		1	22
		1	24		21.75		1	22
		1	49		21.75		1	22
		25	0		21.77		2	22
		25	12		21.81		2	22
		25	25		21.70		2	22
		50	0		21.72		2	22
	64QAM	1	0		21.89		2	22
		1	24		21.90		2	22
		1	49		21.86		2	22
		25	0		21.10		3	21.5
		25	12		21.06		3	21.5
		25	25		21.04		3	21.5
		50	0		21.20		3	21.5
	256QAM	1	0		19.20		5	19.5
		1	24		19.24		5	19.5
		1	49		19.18		5	19.5
		25	0		19.10		5	19.5
		25	12		19.10		5	19.5
		25	25		19.04		5	19.5
		50	0		19.02		5	19.5
BW	Modulation	Channel		27685	27710	27735	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
5M	QPSK	1	0	21.84	21.90	21.90	0	22
		1	12	21.82	21.87	21.78	0	22
		1	24	21.78	21.84	21.85	0	22
		12	0	21.72	21.77	21.78	1	22
		12	6	21.75	21.78	21.75	1	22
		12	13	21.71	21.67	21.73	1	22
		25	0	21.75	21.71	21.69	1	22
	16QAM	1	0	21.85	21.83	21.78	1	22
		1	12	21.68	21.67	21.69	1	22
		1	24	21.71	21.72	21.66	1	22
		12	0	21.68	21.73	21.75	2	22
		12	6	21.71	21.75	21.77	2	22
		12	13	21.70	21.69	21.69	2	22
		25	0	21.72	21.63	21.66	2	22
	64QAM	1	0	21.89	21.89	21.86	2	22
		1	12	21.89	21.81	21.84	2	22
		1	24	21.86	21.84	21.82	2	22
		12	0	21.06	21.09	21.03	3	21.5
		12	6	21.00	21.05	20.99	3	21.5
		12	13	20.96	20.96	20.98	3	21.5
		25	0	21.10	21.11	21.20	3	21.5
	256QAM	1	0	19.16	19.16	19.15	5	19.5
		1	12	19.15	19.22	19.23	5	19.5
		1	24	19.13	19.15	19.11	5	19.5
		12	0	19.01	19.08	19.09	5	19.5
		12	6	19.08	19.10	19.09	5	19.5
		12	13	18.98	19.02	19.04	5	19.5
		25	0	18.96	18.98	18.92	5	19.5

n30 (SCS 15 kHz) (Ant2)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		21.79		22
		1	25		21.75		22
		1	50		21.66		22
		25	0		21.69		22
		25	14		21.73		22
		25	27		21.60		22
		50	0		21.59		22
	DFT-s-OFDM QPSK	1	1		21.94		22
		1	25		21.86		22
		1	50		21.93		22
		25	0		21.73		22
		25	14		21.83		22
		25	27		21.89		22
		50	0		21.83		22
	DFT-s-OFDM 16QAM	1	1		21.78		22
	DFT-s-OFDM 64QAM	1	1		21.32		22
	DFT-s-OFDM 256QAM	1	1		19.04		20
BW	MCS Index	Channel		461500	462000	462500	Max. Tune-up
		Frequency (MHz)		2307.5	2310	2312.5	
5M	DFT-s-OFDM QPSK	1	1	21.92	21.95	21.91	22

ENDC Power

LTE Band 7 (Ant1)									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	SCPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		2085	2100	2135			
20M	QPSK	Frequency (MHz)	250	255	256				
		1	0	19.03	20.06	20.16	0	21	
		1	50	20.10	20.21	20.24	0	21	
		1	99	20.11	20.26	20.28	0	21	
		50	0	20.11	20.09	20.14	1	21	
	16QAM	50	25	20.06	20.11	20.12	1	21	
		50	50	20.21	20.27	20.23	1	21	
		100	0	20.14	20.15	20.22	1	21	
		1	0	19.92	20.12	20.11	1	21	
		1	50	20.13	20.15	20.20	1	21	
	64QAM	1	99	20.18	20.18	20.22	1	21	
		50	0	20.05	20.13	20.22	2	21	
		50	25	20.18	20.18	20.22	2	21	
		50	50	19.03	19.13	19.10	2	21	
		100	0	20.15	20.20	20.20	2	21	
	256QAM	64QAM	1	0	20.04	20.09	20.15	2	21
			1	50	20.22	20.22	20.25	2	21
			1	99	20.27	20.23	20.25	2	21
			50	0	20.19	20.23	20.19	3	21
			50	25	20.14	20.20	20.25	3	21
256QAM		50	50	20.19	20.23	20.24	3	21	
		100	0	20.19	20.18	20.22	3	21	
		1	0	18.16	18.27	18.23	5	19	
		1	50	18.17	18.21	18.20	5	19	
		1	99	18.26	18.34	18.42	5	19	
256QAM	50	0	18.14	18.21	18.26	5	19		
	50	25	18.15	18.30	18.21	5	19		
	50	50	18.08	18.30	18.26	5	19		
	100	0	18.03	18.19	18.17	5	19		
	15M	QPSK	Channel	2085	2100	2135	SCPP MPR (dB)	Max. Tune-up (dBm)	
Frequency (MHz) <th>250</th> <th>255</th> <th>256</th> <th></th> <th></th>			250	255	256				
1			0	19.04	20.03	20.07	0	21	
1			37	20.10	20.21	20.21	0	21	
1			74	20.01	20.19	20.19	0	21	
16QAM		36	0	20.04	20.01	20.10	1	21	
		36	19	20.04	20.06	20.04	1	21	
		36	39	20.19	20.22	20.23	1	21	
		75	0	20.02	20.09	20.17	1	21	
		1	0	19.06	20.08	20.10	1	21	
64QAM		1	37	20.03	20.08	20.15	1	21	
		1	74	20.15	20.10	20.19	1	21	
		36	0	20.01	20.04	20.12	2	21	
		36	19	20.17	20.17	20.17	2	21	
		36	39	19.05	19.12	19.08	2	21	
256QAM		64QAM	75	0	20.15	20.10	20.20	2	21
			1	0	20.04	20.01	20.06	2	21
			1	37	20.16	20.13	20.22	2	21
			1	74	20.23	20.21	20.23	2	21
			36	0	20.09	20.21	20.11	3	21
	256QAM	36	19	20.06	20.16	20.18	3	21	
		36	39	20.11	20.22	20.18	3	21	
		75	0	20.12	20.11	20.16	3	21	
		1	0	18.08	18.17	18.18	5	19	
		1	37	18.11	18.12	18.14	5	19	
256QAM	1	74	18.16	18.31	18.14	5	19		
	36	0	18.02	18.12	18.14	5	19		
	36	19	18.13	18.21	18.14	5	19		
	36	39	17.96	18.22	18.23	5	19		
	75	0	17.88	18.07	18.03	5	19		
	10M	QPSK	Channel	2085	2100	2135	SCPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz) <th>250</th> <th>255</th> <th>256</th> <th></th> <th></th>	250	255	256			
			1	0	19.05	19.96	20.16	0	21
			1	24	20.03	20.14	20.23	0	21
			1	49	20.11	20.17	20.20	0	21
16QAM		25	0	20.03	20.01	20.12	1	21	
		25	12	20.06	20.08	20.09	1	21	
		25	25	20.20	20.25	20.19	1	21	
		50	0	19.94	20.14	20.20	1	21	
		1	0	19.88	20.12	20.08	1	21	
64QAM		1	24	20.09	20.06	20.12	1	21	
		1	49	20.13	20.15	20.15	1	21	
		25	0	19.96	20.11	20.13	2	21	
		25	12	20.12	20.15	20.15	2	21	
		25	25	18.99	19.06	19.03	2	21	
256QAM		64QAM	50	0	20.07	20.17	20.14	2	21
			1	0	20.04	20.04	20.14	2	21
			1	24	20.20	20.18	20.17	2	21
			1	49	20.19	20.20	20.22	2	21
			25	0	20.16	20.13	20.16	3	21
	256QAM	25	12	20.13	20.13	20.24	3	21	
		25	25	20.11	20.19	20.16	3	21	
		50	0	20.10	20.17	20.15	3	21	
		1	0	18.08	18.21	18.17	5	19	
		1	24	18.08	18.20	18.19	5	19	
5M	QPSK	1	49	18.14	18.23	18.30	5	19	
		25	0	18.06	18.14	18.21	5	19	
		25	12	18.13	18.21	18.19	5	19	
		25	25	17.93	18.17	18.19	5	19	
		50	0	17.89	18.07	18.12	5	19	
	64QAM	1	0	18.07	18.07	18.15	5	19	
		1	12	20.21	20.16	20.18	2	21	
		1	24	20.27	20.14	20.21	2	21	
		12	0	20.13	20.15	20.15	3	21	
		12	6	20.04	20.16	20.16	3	21	
256QAM	64QAM	12	13	20.16	20.17	20.14	3	21	
		25	0	20.16	20.11	20.19	3	21	
		1	0	18.02	18.22	18.17	5	19	
		1	12	18.12	18.08	18.09	5	19	
		1	24	18.19	18.26	18.32	5	19	
	256QAM	12	0	18.02	18.14	18.23	5	19	
		12	6	18.10	18.29	18.19	5	19	
		12	13	17.93	18.27	18.22	5	19	
		25	0	18.01	18.09	18.02	5	19	

LTE Band 13 (Ant2)								
BW	Modulation	RB Size	RB Offset	Mid		SCPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		2225	2236			
10M	QPSK	Frequency (MHz)		19.05	19.54	0	21	
		1	24	19.54	19.54	0 <td>21</td>	21	
		1	49	19.49	19.49	0 <td>21</td>	21	
		25	0	19.57	19.57	1 <td>21</td>	21	
		25	12	19.56	19.56	1 <td>21</td>	21	
		25	25	19.53	19.53	1 <td>21</td>	21	
		50	0	19.56	19.56	1 <td>21</td>	21	
		1	0	19.34	19.34	1 <td>21</td>	21	
		1	24	19.31	19.31	1 <td>21</td>	21	
		1	49	19.28	19.28	1 <td>21</td>	21	
	16QAM	25	0	19.33	19.33	2 <td>21</td>	21	
		25	12	19.35	19.35	2 <td>21</td>	21	
		25	25	19.30	19.30	2 <td>21</td>	21	
		50	0	19.24	19.24	2 <td>21</td>	21	
		1	0	19.38	19.38	2 <td>21</td>	21	
	64QAM	1	24	19.47	19.47	2 <td>21</td>	21	
		1	49	19.42	19.42	2 <td>21</td>	21	
		1	99	19.47	19.47	3 <td>21</td>	21	
		25	12	19.49	19.49	3 <td>21</td>	21	
		25	25	19.47	19.47	3 <td>21</td>	21	
	256QAM	50	0	19.41	19.41	3 <td>21</td>	21	
		1	0	17.63	17.63	5 <td>19</td>	19	
		1	24	17.76	17.76	5 <td>19</td>	19	
		1	49	17.67	17.67	5 <td>19</td>	19	
		25	0	17.57	17.57	5 <td>19</td>	19	
	5M	QPSK	Channel	2225	2236	2265	SCPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	778.5	782	784.5		
			1	0	19.02	19.57	19.55	0 <td>21</td>
1			12	19.47	19.47	19.44	0 <td>21</td>	21
1			24	19.40	19.49	19.43	0 <td>21</td>	21
12			0	19.52	19.49	19.53	1 <td>21</td>	21
12			6	19.56	19.46	19.48	1 <td>21</td>	21
12			13	19.48	19.46	19.53	1 <td>21</td>	21
25			0	19.53	19.53	19.48	1 <td>21</td>	21
1			0	19.33	19.29	19.33	1 <td>21</td>	21
16QAM		1	12	19.29	19.29	19.23	1 <td>21</td>	21
		1	24	19.27	19.28	19.21	1 <td>21</td>	21
		13	0	19.36	19.33	19.26	1 <td>21</td>	21
		12	6	19.32	19.33	19.27	1 <td>21</td>	21
		12	13	19.26	19.21	19.26	2 <td>21</td>	21
		25	0	19.21	19.21	19.24	2 <td>21</td>	21
		1	0	19.35	19.36	19.34	2 <td>21</td>	21
		1	12	19.43	19.40	19.43	2 <td>21</td>	21
		1	24	19.37	19.37	19.40	2 <td>21</td>	21
		12	0	19.38	19.43	19.47	3 <td>21</td>	21
64QAM		12	6	19.49	19.40	19.47	3 <td>21</td>	21
		12	13	19.43	19.37	19.40	3 <td>21</td>	21
		25	0	19.35	19.36	19.36	3 <td>21</td>	21
		1	0	17.60	17.58	17.59	5 <td>19</td>	19
		1	12	17.69	17.62	17.71	5 <td>19</td>	19
		1	24	17.57	17.61	17.69	5 <td>19</td>	19
		12	0	17.45	17.43	17.43	5 <td>19</td>	19
		12	13	17.51	17.47	17.46	5 <td>19</td>	19
	12	13	17.56	17.52	17.50	5 <td>19</td>	19	
	25	0	17.38	17.29	17.29	5 <td>19</td>	19	
256QAM	1	12	17.69	17.62	17.71	5 <td>19</td>	19	
	1	24	17.57	17.61	17.69	5 <td>19</td>	19	
	12	0	17.45	17.43	17.43	5 <td>19</td>	19	
	12	13	17.51	17.47	17.46	5 <td>19</td>	19	
	12	13	17.56	17.52	17.50	5 <td>19</td>	19	

n2 (SCS 15 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dB)
ZDM	DFT-s-OFDM (1/2 BPS)	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
		1	1	19.60	19.64	19.79	21
		1	53	19.54	19.46	19.38	21
		1	104	19.53	19.40	19.40	21
		50	0	19.51	19.41	19.33	21
		50	28	19.52	19.41	19.37	21
		50	56	19.50	19.40	19.41	21
		100	0	19.65	19.42	19.42	21
		1	1	19.70	19.64	19.51	21
	DFT-s-OFDM (QPS)	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
		1	53	19.65	19.48	19.44	21
		1	104	19.66	19.51	19.43	21
		50	0	19.60	19.45	19.35	21
		50	28	19.60	19.49	19.49	21
		50	56	19.58	19.49	19.37	21
		100	0	19.58	19.45	19.34	21
BW	MCS Index	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
10M	DFT-s-OFDM (QPS)	1	1	19.53	19.54	19.40	21
BW	MCS Index	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
10M	DFT-s-OFDM (QPS)	1	1	19.63	19.59	19.36	21
BW	MCS Index	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
10M	DFT-s-OFDM (QPS)	1	1	19.63	19.59	19.36	21
BW	MCS Index	Channel		27000	27000	28000	
		Frequency (MHz)		2800	2800	2800	
10M	DFT-s-OFDM (QPS)	1	1	19.63	19.59	19.36	21

n7 (SCS 15 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dB)
ZDM	DFT-s-OFDM (1/2 BPS)	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
		1	1	19.30	19.40	19.53	21
		1	107	19.31	19.35	19.41	21
		1	214	19.30	19.35	19.40	21
		108	0	19.29	19.34	19.36	21
		108	54	19.44	19.36	19.45	21
		108	108	19.31	19.34	19.34	21
		216	0	19.29	19.25	19.30	21
	DFT-s-OFDM (QPS)	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
		1	1	19.57	19.58	19.53	21
		1	107	19.42	19.45	19.54	21
		1	214	19.51	19.44	19.50	21
		108	0	19.31	19.40	19.50	21
		108	54	19.45	19.46	19.51	21
		108	108	19.41	19.39	19.41	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.52	19.52	19.50	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.55	19.59	19.49	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.43	19.39	19.36	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.33	19.35	19.37	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.30	19.46	19.41	21
BW	MCS Index	Channel		30000	30000	31000	
		Frequency (MHz)		3000	3000	3000	
10M	DFT-s-OFDM (QPS)	1	1	19.44	19.41	19.32	21

n25 (SCS 15 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dB)
ZDM	DFT-s-OFDM (1/2 BPS)	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
		1	1	19.73	19.65	19.61	21
		1	107	19.75	19.64	19.61	21
		1	214	19.68	19.49	19.58	21
		108	0	19.60	19.45	19.46	21
		108	54	19.64	19.53	19.57	21
		108	108	19.50	19.38	19.45	21
		216	0	19.68	19.47	19.49	21
	DFT-s-OFDM (QPS)	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
		1	1	19.64	19.71	19.79	21
		1	107	19.71	19.65	19.70	21
		1	214	19.62	19.57	19.54	21
		108	0	19.60	19.45	19.55	21
		108	54	19.61	19.60	19.65	21
		108	108	19.48	19.38	19.41	21
BW	MCS Index	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
10M	DFT-s-OFDM (QPS)	1	1	19.76	19.55	19.70	21
BW	MCS Index	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
10M	DFT-s-OFDM (QPS)	1	1	19.76	19.57	19.47	21
BW	MCS Index	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
10M	DFT-s-OFDM (QPS)	1	1	19.67	19.63	19.59	21
BW	MCS Index	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
10M	DFT-s-OFDM (QPS)	1	1	19.73	19.64	19.68	21
BW	MCS Index	Channel		37000	37000	37000	
		Frequency (MHz)		3700	3700	3700	
10M	DFT-s-OFDM (QPS)	1	1	19.72	19.58	19.72	21

n38 (SCS 30 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dB)
ZDM	DFT-s-OFDM (1/2 BPS)	Channel		54000	54000	54000	
		Frequency (MHz)		5400	5400	5400	
		1	1	19.51	19.47	19.61	21
		1	52	19.53	19.51	19.48	21
		1	104	19.50	19.50	19.54	21
		50	0	19.40	19.37	19.46	21
		50	28	19.51	19.41	19.56	21
		50	56	19.41	19.42	19.46	21
		100	0	19.40	19.37	19.56	21
	DFT-s-OFDM (QPS)	Channel		54000	54000	54000	
		Frequency (MHz)		5400	5400	5400	
		1	1	19.62	19.47	19.69	21
		1	52	19.48	19.46	19.60	21
		1	104	19.51	19.46	19.55	21
		50	0	19.39	19.36	19.43	21
		50	28	19.49	19.40	19.47	21
		50	56	19.38	19.31	19.53	21
BW	MCS Index	Channel		54000	54000	54000	
		Frequency (MHz)		5400	5400	5400	
10M	DFT-s-OFDM (QPS)	1	1	19.43	19.41	19.50	21
BW	MCS Index	Channel		54000	54000	54000	
		Frequency (MHz)		5400	5400	5400	
10M	DFT-s-OFDM (QPS)	1	1	19.62	19.36	19.53	21

n41 (SCS 30 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		599202	518998	529900	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pv2 BPSK	1	1	19.34	19.52	19.47	21
		1	137	19.22	19.41	19.41	21
		1	271	19.30	19.54	19.39	21
		135	0	19.13	19.39	19.32	21
		135	69	19.35	19.45	19.36	21
		135	138	19.24	19.43	19.31	21
		270	0	19.13	19.33	19.20	21
		1	1	19.39	19.65	19.41	21
	DFT-s-OFDM QPSK	1	137	19.51	19.52	19.58	21
		1	271	19.47	19.62	19.58	21
		135	0	19.25	19.41	19.26	21
		135	69	19.36	19.45	19.36	21
		135	138	19.23	19.43	19.19	21
		270	0	19.22	19.33	19.21	21
		1	1	18.90	19.04	19.08	21
		1	1	19.26	19.39	19.34	21
	DFT-s-OFDM 25QAM	1	1	17.99	18.28	18.18	19.5
BW	MCS Index	Channel		506200	518998	529996	Max. Tune-up
90M	DFT-s-OFDM QPSK	Frequency (MHz)		2541	2592.99	2644.98	
80M	DFT-s-OFDM QPSK	1	1	19.21	19.28	19.27	21
BW	MCS Index	Channel		507204	518998	529998	Max. Tune-up
80M	DFT-s-OFDM QPSK	Frequency (MHz)		2536.02	2592.99	2645.99	
80M	DFT-s-OFDM QPSK	1	1	19.17	19.37	19.18	21
BW	MCS Index	Channel		505202	518998	531000	Max. Tune-up
70M	DFT-s-OFDM QPSK	Frequency (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	19.17	19.39	19.25	21
BW	MCS Index	Channel		505200	518998	531996	Max. Tune-up
60M	DFT-s-OFDM QPSK	Frequency (MHz)		2526	2592.99	2658.98	
60M	DFT-s-OFDM QPSK	1	1	19.19	19.40	19.25	21
BW	MCS Index	Channel		504204	518998	532998	Max. Tune-up
50M	DFT-s-OFDM QPSK	Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.26	19.33	19.30	21
BW	MCS Index	Channel		503202	518998	534000	Max. Tune-up
40M	DFT-s-OFDM QPSK	Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.19	19.40	19.23	21
BW	MCS Index	Channel		502200	518998	534996	Max. Tune-up
30M	DFT-s-OFDM QPSK	Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.17	19.31	19.26	21
BW	MCS Index	Channel		501204	518998	535998	Max. Tune-up
20M	DFT-s-OFDM QPSK	Frequency (MHz)		2506.02	2592.99	2678.99	
20M	DFT-s-OFDM QPSK	1	1	19.28	19.26	19.29	21

n48 (SCS 30 kHz) (Ant4)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		638000	641866	645332		
		Frequency (MHz)		3570	3624.99	3679.98		
40M	DFT-s-OFDM Pv2 BPSK	1	1	18.84	18.98	18.95	21	
		1	52	18.99	19.23	19.16	21	
		1	104	18.76	19.08	18.92	21	
		50	0	18.83	19.18	18.95	21	
		50	28	19.02	19.33	19.13	21	
		50	56	18.82	19.18	18.95	21	
		100	0	18.73	18.99	18.86	21	
		1	1	19.34	19.67	19.42	21	
	DFT-s-OFDM QPSK	1	52	19.31	19.49	19.49	21	
		1	104	19.14	19.43	19.34	21	
		50	0	18.92	19.19	19.07	21	
		50	28	19.17	19.44	19.33	21	
		50	56	18.85	19.21	19.02	21	
		100	0	18.89	19.06	18.97	21	
		DFT-s-OFDM 16QAM	1	1	18.85	19.03	19.01	21
		DFT-s-OFDM 64QAM	1	1	19.45	19.38	19.38	21
	DFT-s-OFDM 256QAM	1	1	18.17	18.40	18.25	19.5	
BW	MCS Index	Channel		637334	641866	646000	Max. Tune-up	
20M	DFT-s-OFDM QPSK	Frequency (MHz)		3560.01	3624.99	3680		
20M	DFT-s-OFDM QPSK	1	1	18.69	18.94	18.79	21	
BW	MCS Index	Channel		637000	641866	646332	Max. Tune-up	
10M	DFT-s-OFDM QPSK	Frequency (MHz)		3555	3624.99	3694.98		
10M	DFT-s-OFDM QPSK	1	1	18.73	18.80	18.85	21	

n66 (SCS 15 kHz) (Ant3)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		346900	349000	352000		
		Frequency (MHz)		1730	1745	1760		
40M	DFT-s-OFDM Pv2 BPSK	1	1	19.53	19.57	19.53	21	
		1	107	19.45	19.52	19.35	21	
		1	214	19.46	19.56	19.37	21	
		108	0	19.26	19.43	19.18	21	
		108	54	19.52	19.58	19.45	21	
		108	108	19.42	19.53	19.41	21	
		216	0	19.48	19.55	19.46	21	
		1	1	19.66	19.72	19.51	21	
	DFT-s-OFDM QPSK	1	107	19.51	19.60	19.56	21	
		1	214	19.49	19.53	19.44	21	
		108	0	19.33	19.39	19.32	21	
		108	54	19.58	19.67	19.49	21	
		108	108	19.51	19.59	19.37	21	
		216	0	19.51	19.50	19.32	21	
		DFT-s-OFDM 25QAM	1	1	19.67	19.66	19.49	21
		DFT-s-OFDM 60QAM	1	1	19.49	19.55	19.51	21
	DFT-s-OFDM 75QAM	1	1	18.16	18.25	18.08	19.5	
BW	MCS Index	Channel		346900	349000	353000	Max. Tune-up	
30M	DFT-s-OFDM QPSK	Frequency (MHz)		1725	1745	1765		
		1	1	19.63	19.63	19.38	21	
BW	MCS Index	Channel		344900	349000	354000	Max. Tune-up	
20M	DFT-s-OFDM QPSK	Frequency (MHz)		1726	1745	1770		
		1	1	19.64	19.68	19.41	21	
BW	MCS Index	Channel		343900	349000	354500	Max. Tune-up	
15M	DFT-s-OFDM QPSK	Frequency (MHz)		1717.5	1745	1772.5		
		1	1	19.63	19.60	19.46	21	
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up	
10M	DFT-s-OFDM QPSK	Frequency (MHz)		1715	1745	1775		
		1	1	19.56	19.65	19.44	21	
BW	MCS Index	Channel		342900	349000	355500	Max. Tune-up	
5M	DFT-s-OFDM QPSK	Frequency (MHz)		1712.5	1745	1777.5		
		1	1	19.65	19.63	19.42	21	

WIFI / BT

ZAGH WILAN		Ann 8			
Mode	Channel	Frequency (MHz)	margin power (dBm)	Trans. Loss	
802.11b Mbps	1	2424	14.00	15.00	
	6	2437	12.00	15.00	
	11	2449	14.00	15.00	
	16	2461	14.00	15.00	
	1	2424	12.00	15.00	
	6	2437	11.00	15.00	
802.11g Mbps	11	2424	12.00	15.00	
	16	2437	14.00	15.00	
	21	2449	14.00	15.00	
	26	2461	14.00	15.00	
	11	2424	10.00	15.00	
	16	2437	10.00	15.00	
802.11a/n Mbps MCS0	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
	11	2449	10.00	15.00	
	16	2461	10.00	15.00	
	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
802.11a/n Mbps MCS1	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
	11	2449	10.00	15.00	
	16	2461	10.00	15.00	
	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
802.11a/n Mbps MCS2	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
	11	2449	10.00	15.00	
	16	2461	10.00	15.00	
	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
802.11a/n Mbps MCS3	1	2424	10.00	15.00	
	6	2437	10.00	15.00	
	11	2449	10.00	15.00	
	16	2461	10.00	15.00	
	1	2424	10.00	15.00	
	6	2437	10.00	15.00	

SIGNAL W/LAN	Ant 8					
	Mode	Channel	Frequency (MHz)	Antenna Gain (dBi)	Take-off angle (°)	
SIGMA W/LAN	IEEE 802.11a WLAN	36	5190	5.8dBi	12.5°	
		48	5210	5.8dBi	12.5°	
		56	5230	5.7dBi	12.5°	
	IEEE 802.11a+OFDM WLAN	36	5190	5.8dBi	12.5°	
		48	5210	5.8dBi	12.5°	
		56	5230	5.8dBi	12.5°	
	IEEE 802.11a+OFDM WLAN	36	5190	5.7dBi	12.5°	
		48	5210	5.7dBi	12.5°	
		56	5230	5.7dBi	12.5°	
	IEEE 802.11a+VHTS WLAN	36	5190	5.8dBi	12.5°	
48		5210	5.8dBi	12.5°		
SIGMA W/LAN		IEEE 802.11a+VHTS WLAN	36	5190	5.8dBi	12.5°
	48		5210	5.8dBi	12.5°	
	56		5230	5.8dBi	12.5°	
	IEEE 802.11a+VHTS WLAN	36	5190	5.7dBi	12.5°	
		48	5210	5.7dBi	12.5°	
		56	5230	5.7dBi	12.5°	
	IEEE 802.11a+VHTS WLAN	36	5190	5.8dBi	12.5°	
		48	5210	5.8dBi	12.5°	
		56	5230	5.8dBi	12.5°	
	IEEE 802.11a+H20 WLAN	36	5190	5.8dBi	12.5°	
SIGMA W/LAN		48	5210	5.8dBi	12.5°	
		56	5230	5.8dBi	12.5°	
IEEE 802.11a+H20 WLAN	36	5190	5.8dBi	12.5°		
	48	5210	5.8dBi	12.5°		
	56	5230	5.8dBi	12.5°		
IEEE 802.11a+H20 WLAN	36	5190	5.7dBi	12.5°		
	48	5210	5.7dBi	12.5°		
	56	5230	5.7dBi	12.5°		
IEEE 802.11a+H20 WLAN	36	5190	5.8dBi	12.5°		
	48	5210	5.8dBi	12.5°		
	56	5230	5.8dBi	12.5°		

MHz WLAN	Ann 8				
	Mode	Channel	Frequency (MHz)	Physical channel (MHz)	Take-off level
802.11a WLAN	11a	1	5180	5180	20dB
	11a	2	5200	5200	20dB
	11a	3	5220	5220	18,75 17,25
	11a	4	5240	5240	16,75
	11a	5	5260	5260	15,75 14,25
802.11a+HT20 WLAN	11a	1	5180	5180	13,75
	11a	2	5200	5200	12,75
	11a	3	5220	5220	11,75
	11a	4	5240	5240	10,75
	11a	5	5260	5260	9,75
802.11a+HT40 WLAN	11a	1	5180	5180	10,75
	11a	2	5200	5200	9,75
	11a	3	5220	5220	8,75
	11a	4	5240	5240	7,75
	11a	5	5260	5260	6,75
802.11b WLAN	11b	1	2412	2412	20dB
	11b	2	2432	2432	20dB
	11b	3	2452	2452	18,75 17,25
	11b	4	2472	2472	16,75
	11b	5	2492	2492	15,75 14,25
802.11b+HT20 WLAN	11b	1	2412	2412	13,75
	11b	2	2432	2432	12,75
	11b	3	2452	2452	11,75
	11b	4	2472	2472	10,75
	11b	5	2492	2492	9,75
802.11b+HT40 WLAN	11b	1	2412	2412	10,75
	11b	2	2432	2432	9,75
	11b	3	2452	2452	8,75
	11b	4	2472	2472	7,75
	11b	5	2492	2492	6,75
802.11n+HT20 WLAN	11n	1	2412	2412	13,75
	11n	2	2432	2432	12,75
	11n	3	2452	2452	11,75
	11n	4	2472	2472	10,75
	11n	5	2492	2492	9,75
802.11n+HT40 WLAN	11n	1	2412	2412	10,75
	11n	2	2432	2432	9,75
	11n	3	2452	2452	8,75
	11n	4	2472	2472	7,75
	11n	5	2492	2492	6,75

ENGINE MODEL	REV 8				
	Area	Class	Frequency (Hz)	Pressure (psi)	Time (s)
RED 1.0-16000	RED 1.0-16000	1200	16000	6.26	12.00
		1200	16000	11.71	12.00
		1200	16000	12.88	12.00
		1200	16000	11.48	12.00
		1200	17000	11.65	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	11.50	12.00
		1200	16000	11.60	12.00
		1200	16000	9.80	12.00
		1200	16000	9.80	12.00
		1200	16000	9.80	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	10.23	12.00
		1200	16000	9.52	11.50
		1200	16000	9.75	11.50
		1200	16000	9.75	11.50
		1200	16000	9.47	11.50
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	9.80	12.00
		1200	16000	9.80	12.00
		1200	16000	9.80	12.00
		1200	17000	8.87	12.00
		1200	17000	8.87	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	9.11	12.00
		1200	16000	9.10	12.00
		1200	17000	8.54	12.00
		1200	17000	8.54	12.00
		1200	17000	8.54	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	9.30	12.00
		1200	16000	9.30	12.00
		1200	16000	9.30	12.00
		1200	17000	7.79	12.00
		1200	17000	7.79	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	8.80	12.00
		1200	16000	8.80	12.00
		1200	17000	8.80	12.00
		1200	17000	8.80	12.00
		1200	17000	8.80	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	9.30	12.00
		1200	16000	9.30	12.00
		1200	16000	9.30	12.00
		1200	17000	8.42	12.00
		1200	17000	8.42	12.00
RED 1.0-16070 MC80	RED 1.0-16070 MC80	1200	16000	7.27	8.00
		1200	16000	7.27	8.00
		1200	16000	7.27	8.00
		1200	17000	7.27	8.00
		1200	17000	7.27	8.00

KOTA WILAN	AIR B				
	Model	Channel	Frequency (MHz)	Transmiter power (dBm)	Time-Lag (min)
SIGMA WILAN	N02 12A-0180g	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-0172g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-0172g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-10472g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
SIGMA WILAN	N02 12A-10472g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-10472g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-10472g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00
	N02 12A-10472g NCH3	1400	17345	18.00	12.00
		1401	17346	17.75	12.00
		1402	17348	18.00	12.00

Ann 8					
BT	Node	Channel	Frequency	Receiver power	Transmit power
BLE	1M	0	2402	7.25	8.00
		1	2404	7.25	8.00
		2	2406	7.25	8.00
		3	2408	7.24	8.00
	2M	0	2402	8.04	7.25
		1	2404	8.02	7.24
		2	2406	8.02	7.24
		3	2408	8.03	7.25
	52	0	2402	3.54	8.00
		1	2404	7.23	8.00
		2	2406	7.23	8.00
		3	2408	7.23	8.00
5A	0	2402	7.24	8.00	
	1	2404	7.24	8.00	
	2	2406	7.24	8.00	
	3	2408	7.24	8.00	
QPSK	0	2402	7.24	8.00	
	1	2404	7.24	8.00	
	2	2406	7.24	8.00	
	3	2408	7.24	8.00	
IEEE802.11	QPSK64	0	2402	8.00	6.00
		1	2404	8.00	6.00
		2	2406	8.00	6.00
		3	2408	8.00	6.00
	BPSK64	0	2402	8.00	6.00
		1	2404	8.00	6.00
		2	2406	8.00	6.00
		3	2408	8.00	6.00

2.4GHz WLAN		Ann 9			
Mode	Channel	Frequency (MHz)	max power (dBm)	Tx time (s)	
WLAN 1Mbps	1	2412	18.00	10.00	
	6	2437	18.18	10.00	
WLAN 54Mbps	1	2412	18.00	10.00	
	6	2437	18.00	10.00	
2.4GHz WLAN	1	2412	18.00	10.00	
	6	2437	18.00	10.00	
802.11n WLAN MCS0	6	2437	18.00	10.00	
	11	2462	18.18	10.00	
802.11n WLAN MCS0	1	2412	18.00	10.00	
	6	2437	18.00	10.00	
802.11n WLAN MCS0	6	2437	18.00	10.00	
	11	2462	18.18	10.00	
802.11n WLAN MCS0	1	2412	18.00	10.00	
	6	2437	18.00	10.00	
802.11n WLAN MCS0	11	2462	18.00	10.00	
	6	2437	18.00	10.00	
802.11n WLAN MCS0	1	2412	18.00	10.00	
	6	2437	18.00	10.00	

SCHE WILAN	Ann 9				
	Male	Class	Frequency (Hz)	Frequency range (Hz)	Time (s)
R02 Lila M000	36	5000	50.00	50.00	12.00
	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
	36	5000	50.00	50.00	12.00
R02 Lila M000 M01	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M02	36	5000	50.00	50.00	12.00
	40	5000	50.00	50.00	12.00
R02 Lila M000 M03	36	5000	50.00	50.00	12.00
	40	5000	50.00	50.00	12.00
R02 Lila M000 M04	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M05	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M06	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M07	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M08	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M09	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M10	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M11	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M12	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M13	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M14	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M15	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M16	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M17	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M18	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M19	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M20	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M21	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M22	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M23	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M24	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M25	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M26	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M27	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M28	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M29	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M30	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M31	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M32	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M33	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M34	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M35	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M36	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M37	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M38	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M39	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M40	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M41	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M42	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M43	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M44	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M45	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M46	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M47	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M48	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M49	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M50	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M51	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M52	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M53	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M54	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M55	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M56	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M57	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M58	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M59	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M60	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M61	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M62	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M63	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M64	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M65	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M66	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M67	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M68	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M69	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M70	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M71	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M72	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M73	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M74	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M75	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M76	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M77	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M78	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M79	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M80	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M81	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M82	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M83	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M84	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M85	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M86	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M87	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M88	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M89	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M90	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M91	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M92	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M93	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M94	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M95	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M96	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M97	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M98	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M99	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00
R02 Lila M000 M100	40	5000	50.00	50.00	12.00
	44	5000	50.00	50.00	12.00

SGL24 WLAN		Ant 9			
Mode		Channel	Frequency (MHz)	Power (mW)	Time (s)
802.11a WLAN	52	5250	8.87	10000	10000
	56	5350	9.00	10000	10000
	60	5450	9.13	10000	10000
	64	5550	9.26	10000	10000
802.11a+PT24 MCSS	52	5250	9.00	8000	10000
	56	5350	9.13	8000	10000
	60	5450	9.26	8000	10000
	64	5550	9.39	8000	10000
802.11a+PT6 MCSS	52	5275	9.00	9000	10000
	56	5375	9.13	9000	10000
	60	5475	9.26	9000	10000
	64	5575	9.39	9000	10000
802.11a+VHT20 MCSS	52	5250	7.00	8000	10000
	56	5350	7.13	8000	10000
	60	5450	7.26	8000	10000
	64	5550	7.39	8000	10000
802.11a+VHT40 MCSS	52	5275	7.00	9000	10000
	56	5375	7.13	9000	10000
	60	5475	7.26	9000	10000
	64	5575	7.39	9000	10000
802.11a+40 MCSS	52	5250	1.00	8000	10000
	56	5350	1.13	8000	10000
	60	5450	1.26	8000	10000
	64	5550	1.39	8000	10000
802.11a+80 MCSS	52	5250	0.50	8000	10000
	56	5350	0.63	8000	10000
	60	5450	0.76	8000	10000
	64	5550	0.89	8000	10000
802.11a+160 MCSS	52	5250	0.25	8000	10000
	56	5350	0.38	8000	10000
	60	5450	0.51	8000	10000
	64	5550	0.64	8000	10000
802.11b WLAN	13	2412	0.50	10000	10000
	39	2454	0.50	10000	10000
	44	2496	0.50	10000	10000
	11	2602	0.50	10000	10000

SCHEDULING		Ann 9			
	Issue	Channel	Frequency (MHz)	Power (W)	Time (h)
B2D L24-W40g		100	15000	10.00	13.00
		101	15000	10.00	13.00
		102	15000	10.00	13.00
		103	15000	10.00	13.00
		104	15000	10.00	13.00
B2D L24-W42FS MC30		105	15000	10.00	13.00
		106	15000	10.00	13.00
		107	15000	10.00	13.00
		108	15000	10.00	13.00
		109	15000	10.00	13.00
B2D L24-W48FS MC30		110	15000	10.00	13.00
		111	15000	10.00	13.00
		112	15000	10.00	13.00
		113	15000	10.00	13.00
		114	15000	10.00	13.00
B2D L24-W48FS MC30		115	15000	10.00	13.00
		116	15000	10.00	13.00
		117	15000	10.00	13.00
		118	15000	10.00	13.00
		119	15000	10.00	13.00
B2D L24-W48FS MC30		120	15000	10.00	13.00
		121	15000	10.00	13.00
		122	15000	10.00	13.00
		123	15000	10.00	13.00
		124	15000	10.00	13.00
B2D L24-W48FS MC30		125	15000	10.00	13.00
		126	15000	10.00	13.00
		127	15000	10.00	13.00
		128	15000	10.00	13.00
		129	15000	10.00	13.00
B2D L24-W48FS MC30		130	15000	10.00	13.00
		131	15000	10.00	13.00
		132	15000	10.00	13.00
		133	15000	10.00	13.00
		134	15000	10.00	13.00
B2D L24-W48FS MC30		135	15000	10.00	13.00
		136	15000	10.00	13.00
		137	15000	10.00	13.00
		138	15000	10.00	13.00
		139	15000	10.00	13.00
B2D L24-W48FS MC30		140	15000	10.00	13.00
		141	15000	10.00	13.00
		142	15000	10.00	13.00
		143	15000	10.00	13.00
		144	15000	10.00	13.00
B2D L24-W48FS MC30		145	15000	10.00	13.00
		146	15000	10.00	13.00
		147	15000	10.00	13.00
		148	15000	10.00	13.00
		149	15000	10.00	13.00
B2D L24-W48FS MC30		150	15000	10.00	13.00
		151	15000	10.00	13.00
		152	15000	10.00	13.00
		153	15000	10.00	13.00
		154	15000	10.00	13.00
B2D L24-W48FS MC30		155	15000	10.00	13.00
		156	15000	10.00	13.00
		157	15000	10.00	13.00
		158	15000	10.00	13.00
		159	15000	10.00	13.00
B2D L24-W48FS MC30		160	15000	10.00	13.00
		161	15000	10.00	13.00
		162	15000	10.00	13.00
		163	15000	10.00	13.00
		164	15000	10.00	13.00
B2D L24-W48FS MC30		165	15000	10.00	

SCADA SIGNAL		A019				
Module	Channel	Frequency (Hz)	Emergency (green)	Low Level (red)		
E-STOP SIGNALS	802 I/O Bridge	1405	5730	60.30	11.00	
	1021	5730	1.00	0.00	0.00	
	1022	6020	0.00	0.00	13.00	
	1405	5730	1.00	0.00	0.00	
	1021	5730	1.00	0.00	0.00	
	1022	6020	0.00	0.00	13.00	
	1405	5730	1.00	0.00	0.00	
	802 I/O Bridge	151	5730	0.00	0.00	0.00
	1009	5730	1.00	0.00	0.00	
	1010	5730	1.00	0.00	0.00	
E-STOP SIGNALS	803 I/O Bridge	1405	5730	7.00	0.00	
	1021	5730	7.00	7.00	0.00	
	1022	6020	0.00	0.00	13.00	
	1405	5730	7.00	7.00	0.00	
	1021	5730	7.00	7.00	0.00	
	1022	6020	0.00	0.00	13.00	
	1405	5730	7.00	7.00	0.00	
	802 I/O Bridge	150	5730	7.00	0.00	0.00
	1009	5730	7.00	0.00	0.00	
	1010	5730	7.00	0.00	0.00	

2.4GHz WLAN		Ant B=9			
Model	Channel	Freq. (MHz)	range (meters)	Trans. Power	
W02 1.0g Mbps	1	2412	36.90	100m	
	6	2437	36.45	100m	
	11	2452	37.20	100m	
	16	2477	36.93	100m	
W02 1.0g Mbps	1	2412	36.90	100m	
	6	2437	36.45	100m	
	11	2452	37.20	100m	
	16	2477	36.93	100m	
2.4GHz WLAN	W03 1.0g/4M/8 MCS0	1	2412	37.00	100m
	6	2437	37.11	100m	
	11	2462	37.17	100m	
	16	2487	37.04	100m	
	W03 1.0g/4M/8 MCS0	1	2412	37.00	100m
	6	2437	37.00	100m	
	11	2462	37.00	100m	
	16	2487	37.00	100m	
	W03 1.0g/4M/8 MCS0	1	2412	37.00	100m
	6	2437	37.00	100m	
	11	2462	37.00	100m	
	16	2487	37.00	100m	
W03 1.0g/4M/8 MCS0	1	2412	37.00	100m	
	6	2437	37.00	100m	
	11	2462	37.00	100m	
	16	2487	37.00	100m	
	1	2412	37.00	100m	
	6	2437	37.00	100m	
	11	2462	37.00	100m	
	16	2487	37.00	100m	
	1	2412	37.00	100m	
	6	2437	37.00	100m	
	11	2462	37.00	100m	
	16	2487	37.00	100m	

SCHE W/LAN	Event Summary				
State	Channel	Frequency (MHz)	Handover range (km)	Time-left (min)	
R02 L01-MHz	36	5200	10.13	13.00	
	48	5200	10.13	10.00	
	48	5200	10.20	10.00	
R02 L01-PT-NC (MCS)	36	5200	10.14	10.00	
	48	5200	10.20	10.00	
	48	5200	10.20	10.00	
R02 L01-PT-NC (MCS)	36	5200	10.13	10.00	
	48	5200	10.20	10.00	
	48	5200	10.20	10.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.11	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.11	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20	12.00	
R02 L01-4-NT-NC (MCS)	36	5200	11.14	12.00	
	48	5200	11.20	12.00	
	48	5200	11.20		

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SICH W/LAN		Date: 8-9				
State		Channel	Frequency	Power (dBm)	Transmit	
B02-LA-WBNS		100	15200	16.00	15.00	
		101	15200	15.00	15.00	
		102	16200	16.20	15.00	
		103	16200	16.10	15.00	
		104	17200	15.10	15.00	
B02-LA-WBNS		105	17200	15.10	15.00	
		106	18200	16.20	15.00	
		107	18200	16.20	15.00	
		108	19200	16.20	15.00	
		109	19200	16.20	15.00	
B02-LA-WT22 MC-30		110	16800	16.20	15.00	
		111	17800	15.10	15.00	
		112	17800	15.10	15.00	
		113	18800	15.10	15.00	
		114	18800	15.10	15.00	
B02-LA-WT26 MC-30		115	19800	15.00	15.00	
		116	16750	15.10	15.00	
		117	17750	15.10	15.00	
		118	18750	15.10	15.00	
		119	19750	15.00	15.00	
B02-LA-WT22 MC-30		120	16700	15.00	15.00	
		121	17700	15.00	15.00	
		122	18700	15.00	15.00	
		123	19700	15.00	15.00	
		124	16700	15.00	15.00	
B02-LA-WT26 MC-30		125	17700	15.00	15.00	
		126	18700	15.00	15.00	
		127	19700	15.00	15.00	
		128	16700	15.00	15.00	
		129	17700	15.00	15.00	
B02-LA-WT26 MC-30		130	18700	15.00	15.00	
		131	19700	15.00	15.00	
		132	16700	15.00	15.00	
		133	17700	15.00	15.00	
		134	18700	15.00	15.00	
B02-LA-WT22 MC-30		135	19700	15.00	15.00	
		136	16700	15.00	15.00	
		137	17700	15.00	15.00	
		138	18700	15.00	15.00	
		139	19700	15.00	15.00	
B02-LA-WT26 MC-30		140	16700	15.00	15.00	
		141	17700	15.00	15.00	
		142	18700	15.00	15.00	
		143	19700	15.00	15.00	
		144	16700	15.00	15.00	
B02-LA-WT22 MC-30		145	17700	15.00	15.00	
		146	18700	15.00	15.00	
		147	19700	15.00	15.00	
		148	16700	15.00	15.00	
		149	17700	15.00	15.00	
B02-LA-WT26 MC-30		150	18700	15.00	15.00	
		151	19700	15.00	15.00	
		152	16700	15.00	15.00	
		153	17700	15.00	15.00	
		154	18700	15.00	15.00	
B02-LA-WT22 MC-30		155	19700	15.00	15.00	
		156	16700	15.00	15.00	
		157	17700	15.00	15.00	
		158	18700	15.00	15.00	
		159	19700	15.00	15.00	
B02-LA-WT26 MC-30						

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Appendix E. Simultaneous Multi-band Transmission Evaluation

The simultaneous transmission evaluation and analysis is shown as below.

Simultaneous Transmission analysis Hotspot SAR

WWAN Band	Exposure Position	1	2	3	4	1+2+3	1+2+4
		WWAN 1g SAR (W/kg)	2-GNSS WLAN 1g SAR (W/kg)	3GPP WLAN 1g SAR (W/kg)	Bluetooth 1g SAR (W/kg)	Sum of 1g SAR (W/kg)	Sum of 1g SAR (W/kg)
LTE Band 5	Front at 10mm--	0.790	0.091	0.100	0.014	0.98	0.90
	Rear at 10mm--	0.180	0.180	0.220	0.006	0.591	0.75
	Left side at 10mm--	0.204	0.288	0.218	0.010	0.777	0.48
	Right side at 10mm--	0.432	0.000	0.000	0.000	0.43	0.43
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.251	0.000	0.000	0.000	0.25	0.25
LTE Band 7	Front at 10mm--	0.289	0.091	0.100	0.014	0.48	0.40
	Rear at 10mm--	0.795	0.180	0.220	0.006	1.16	1.01
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.386	0.000	0.000	0.000	0.39	0.39
	Top side at 10mm--	0.300	0.069	0.134	0.020	0.50	0.46
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
LTE Band 12 / 17	Front at 10mm--	0.673	0.091	0.100	0.014	0.86	0.79
	Rear at 10mm--	0.570	0.180	0.220	0.006	0.95	0.86
	Left side at 10mm--	0.235	0.288	0.218	0.010	0.74	0.46
	Right side at 10mm--	0.195	0.000	0.000	0.000	0.20	0.20
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.096	0.000	0.000	0.000	0.10	0.10
LTE Band 13	Front at 10mm--	0.879	0.091	0.100	0.014	1.07	0.99
	Rear at 10mm--	0.778	0.180	0.220	0.006	1.16	1.00
	Left side at 10mm--	0.270	0.288	0.218	0.010	0.78	0.50
	Right side at 10mm--	0.417	0.000	0.000	0.000	0.42	0.42
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.191	0.000	0.000	0.000	0.19	0.19
LTE Band 14	Front at 10mm--	0.899	0.091	0.100	0.014	1.09	1.01
	Rear at 10mm--	0.765	0.180	0.220	0.006	1.14	0.99
	Left side at 10mm--	0.409	0.288	0.218	0.010	0.92	0.64
	Right side at 10mm--	0.365	0.000	0.000	0.000	0.37	0.37
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.204	0.000	0.000	0.000	0.20	0.20
LTE Band 25 / 2	Front at 10mm--	0.322	0.091	0.100	0.014	0.51	0.44
	Rear at 10mm--	0.363	0.180	0.220	0.006	0.76	0.61
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.789	0.000	0.000	0.000	0.79	0.79
	Top side at 10mm--	0.423	0.069	0.134	0.020	0.63	0.58
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
LTE Band 26	Front at 10mm--	0.774	0.091	0.100	0.014	0.96	0.89
	Rear at 10mm--	0.511	0.180	0.220	0.006	0.89	0.74
	Left side at 10mm--	0.362	0.288	0.218	0.010	0.90	0.62
	Right side at 10mm--	0.440	0.000	0.000	0.000	0.44	0.44
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.231	0.000	0.000	0.000	0.23	0.23
LTE Band 30	Front at 10mm--	0.201	0.091	0.100	0.014	0.39	0.32
	Rear at 10mm--	0.632	0.180	0.220	0.006	1.01	0.86
	Left side at 10mm--	0.280	0.288	0.218	0.010	0.87	0.59
	Right side at 10mm--	0.004	0.000	0.000	0.000	0.00	0.00
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	1.010	0.000	0.000	0.000	1.01	1.01
LTE Band 41 / 38	Front at 10mm--	0.082	0.091	0.100	0.014	0.27	0.20
	Rear at 10mm--	0.395	0.180	0.220	0.006	0.77	0.62
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.463	0.000	0.000	0.000	0.46	0.46
	Top side at 10mm--	0.103	0.069	0.134	0.020	0.31	0.26
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
LTE Band 42(Pair27Q)	Front at 10mm--	0.169	0.091	0.100	0.014	0.36	0.27
	Rear at 10mm--	0.319	0.180	0.220	0.006	0.79	0.65
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.428	0.000	0.000	0.000	0.43	0.43
LTE Band 48 / 43 /42	Front at 10mm--	0.451	0.091	0.100	0.014	0.64	0.57
	Rear at 10mm--	0.560	0.180	0.220	0.006	0.94	0.79
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.387	0.000	0.000	0.000	0.39	0.39
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.613	0.000	0.000	0.000	0.61	0.61
LTE Band 66 / 4	Front at 10mm--	0.397	0.091	0.100	0.014	0.59	0.51
	Rear at 10mm--	0.369	0.180	0.220	0.006	0.75	0.59
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.730	0.000	0.000	0.000	0.74	0.74
	Top side at 10mm--	0.333	0.069	0.134	0.020	0.54	0.49
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
LTE Band 71	Front at 10mm--	0.348	0.091	0.100	0.014	0.54	0.46
	Rear at 10mm--	0.406	0.180	0.220	0.006	0.79	0.63
	Left side at 10mm--	0.236	0.288	0.218	0.010	0.74	0.46
	Right side at 10mm--	0.114	0.000	0.000	0.000	0.31	0.31
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.067	0.000	0.000	0.000	0.07	0.07
NR Band n6	Front at 10mm--	0.685	0.091	0.100	0.014	0.86	0.78
	Rear at 10mm--	0.471	0.180	0.220	0.006	0.85	0.70
	Left side at 10mm--	0.342	0.288	0.218	0.010	0.85	0.67
	Right side at 10mm--	0.380	0.000	0.000	0.000	0.38	0.38
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.181	0.000	0.000	0.000	0.18	0.18
NR Band n7	Front at 10mm--	0.446	0.091	0.100	0.014	0.64	0.56
	Rear at 10mm--	0.605	0.180	0.220	0.006	0.96	0.83
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.397	0.000	0.000	0.000	0.37	0.37
	Top side at 10mm--	0.379	0.069	0.134	0.020	0.58	0.54
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
NR Band n12	Front at 10mm--	0.445	0.091	0.100	0.014	0.64	0.56
	Rear at 10mm--	0.497	0.180	0.220	0.006	0.87	0.71
	Left side at 10mm--	0.211	0.288	0.218	0.010	0.72	0.44
	Right side at 10mm--	0.205	0.000	0.000	0.000	0.21	0.21
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.076	0.000	0.000	0.000	0.08	0.08
NR Band n14	Front at 10mm--	0.624	0.091	0.100	0.014	1.11	1.04
	Rear at 10mm--	0.529	0.180	0.220	0.006	0.91	0.75
	Left side at 10mm--	0.453	0.288	0.218	0.010	0.96	0.68
	Right side at 10mm--	0.604	0.000	0.000	0.000	0.60	0.60
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.140	0.000	0.000	0.000	0.14	0.14
NR Band n25 / n2	Front at 10mm--	0.415	0.091	0.100	0.014	0.61	0.53
	Rear at 10mm--	0.409	0.180	0.220	0.006	0.79	0.64
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.745	0.000	0.000	0.000	0.75	0.75
	Top side at 10mm--	0.343	0.069	0.134	0.020	0.56	0.51
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
NR Band n30	Front at 10mm--	0.267	0.091	0.100	0.014	0.46	0.38
	Rear at 10mm--	0.604	0.180	0.220	0.006	1.01	0.86
	Left side at 10mm--	0.422	0.288	0.218	0.010	0.93	0.65
	Right side at 10mm--	0.095	0.000	0.000	0.000	0.10	0.10
	Top side at 10mm--	0.000	0.069	0.134	0.020	0.20	0.16
	Bottom side at 10mm--	0.869	0.000	0.000	0.000	0.87	0.87
NR Band n41 / n38	Front at 10mm--	0.170	0.091	0.100	0.014	0.36	0.28
	Rear at 10mm--	0.311	0.180	0.220	0.006	0.69	0.54
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.342	0.000	0.000	0.000	0.34	0.34
	Top side at 10mm--	0.068	0.069	0.134	0.020	0.27	0.23
	Bottom side at 10mm--	0.000	0.000	0.000	0.000	0.00	0.00
NR Band n48	Front at 10mm--	0.261	0.091	0.100	0.014	0.45	0.38
	Rear at 10mm--	0.402	0.180	0.220	0.006	0.78	0.63
	Left side at 10mm--	0.000	0.288	0.218	0.010	0.51	0.23
	Right side at 10mm--	0.591	0.000	0.000	0.000	0.59	0.59
	Top side at 10mm--	0.152	0.069	0.134	0.020	0.36	0.31
	Bottom side at 10mm--	0.438	0.000	0.000	0.000	0.44	0.44
NR Band n66	Front at 10mm--	0.216	0.091	0.100	0.014	0.41	0.33
	Rear at 10mm--	0.217	0.180				

Simultaneous Transmission analysis Body SAR

WWAN Band	Exposure Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE Band 5	Front at 10mm -	0.790	0.091	0.100	0.014	0.98	0.90
	Rear at 10mm -	0.526	0.160	0.237	0.006	0.92	0.77
LTE Band 7	Front at 10mm -	0.289	0.091	0.100	0.014	0.48	0.40
	Rear at 10mm -	0.785	0.160	0.237	0.006	1.18	1.03
LTE Band 12 / 17	Front at 10mm -	0.673	0.091	0.100	0.014	0.86	0.79
	Rear at 10mm -	0.570	0.160	0.237	0.006	0.97	0.81
LTE Band 13	Front at 10mm -	0.879	0.091	0.100	0.014	1.07	0.99
	Rear at 10mm -	0.778	0.160	0.237	0.006	1.18	1.02
LTE Band 14	Front at 10mm -	0.899	0.091	0.100	0.014	1.09	1.01
	Rear at 10mm -	0.765	0.160	0.237	0.006	1.16	1.01
LTE Band 25 / 2	Front at 10mm -	0.322	0.091	0.100	0.014	0.51	0.44
	Rear at 10mm -	0.383	0.160	0.237	0.006	0.78	0.63
LTE Band 26	Front at 10mm -	0.774	0.091	0.100	0.014	0.97	0.89
	Rear at 10mm -	0.511	0.160	0.237	0.006	0.91	0.75
LTE Band 30	Front at 10mm -	0.359	0.091	0.100	0.014	0.55	0.47
	Rear at 10mm -	1.125	0.160	0.237	0.006	1.52	1.37
LTE Band 41 / 38	Front at 10mm -	0.082	0.091	0.100	0.014	0.27	0.20
	Rear at 10mm -	0.395	0.160	0.237	0.006	0.79	0.64
LTE Band 42(Part27Q)	Front at 10mm -	0.159	0.091	0.100	0.014	0.35	0.27
	Rear at 10mm -	0.319	0.160	0.237	0.006	0.72	0.56
LTE Band 48 / 43 /42	Front at 10mm -	0.451	0.091	0.100	0.014	0.64	0.57
	Rear at 10mm -	0.560	0.160	0.237	0.006	0.96	0.80
LTE Band 66 / 4	Front at 10mm -	0.397	0.091	0.100	0.014	0.59	0.51
	Rear at 10mm -	0.369	0.160	0.237	0.006	0.77	0.61
LTE Band 71	Front at 10mm -	0.348	0.091	0.100	0.014	0.54	0.46
	Rear at 10mm -	0.406	0.160	0.237	0.006	0.80	0.65
NR Band n5	Front at 10mm -	0.665	0.091	0.100	0.014	0.86	0.78
	Rear at 10mm -	0.471	0.160	0.237	0.006	0.87	0.71
NR Band n7	Front at 10mm -	0.446	0.091	0.100	0.014	0.64	0.56
	Rear at 10mm -	0.605	0.160	0.237	0.006	1.00	0.85
NR Band n12	Front at 10mm -	0.445	0.091	0.100	0.014	0.64	0.56
	Rear at 10mm -	0.487	0.160	0.237	0.006	0.88	0.73
NR Band n14	Front at 10mm -	0.924	0.091	0.100	0.014	1.12	1.04
	Rear at 10mm -	0.529	0.160	0.237	0.006	0.93	0.77
NR Band n25 / n2	Front at 10mm -	0.415	0.091	0.100	0.014	0.61	0.53
	Rear at 10mm -	0.409	0.160	0.237	0.006	0.81	0.65
NR Band n30	Front at 10mm -	0.482	0.091	0.100	0.014	0.67	0.60
	Rear at 10mm -	1.144	0.160	0.237	0.006	1.54	1.39
NR Band n41 / n38	Front at 10mm -	0.170	0.091	0.100	0.014	0.36	0.28
	Rear at 10mm -	0.311	0.160	0.237	0.006	0.71	0.55
NR Band n48	Front at 10mm -	0.261	0.091	0.100	0.014	0.45	0.38
	Rear at 10mm -	0.402	0.160	0.237	0.006	0.80	0.64
NR Band n66	Front at 10mm -	0.218	0.091	0.100	0.014	0.41	0.33
	Rear at 10mm -	0.217	0.160	0.237	0.006	0.61	0.46
NR Band n71	Front at 10mm -	0.333	0.091	0.100	0.014	0.52	0.45
	Rear at 10mm -	0.422	0.160	0.237	0.006	0.82	0.67
NR Band n77 / n78	Front at 10mm -	0.363	0.091	0.100	0.014	0.55	0.48
	Rear at 10mm -	0.536	0.160	0.237	0.006	0.93	0.78

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

WWAN Band		Exposure Position	1	2	3	4	5	1/2/4/5 Summed	1/2/4/5 Summed
			LTE	NR	2.4GHz WLAN	5GHz WLAN	Bluetooth	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 (Av1)	LTE Band 5 (Av2)	Front at 10mm -	0.790	0.415	0.091	0.100	0.014	1.40	1.32
		Rear at 10mm -	0.526	0.409	0.180	0.220	0.006	1.32	1.16
		Left side at 10mm -	0.764	0.000	0.288	0.218	0.010	0.77	0.49
		Right side at 10mm -	0.432	0.745	0.000	0.000	0.000	1.19	1.12
		Top side at 10mm -	0.000	0.352	0.069	0.134	0.025	0.56	0.51
		Bottom side at 10mm -	0.251	0.000	0.000	0.000	0.000	0.25	0.25
	LTE Band 12 (Av2)	Front at 10mm -	0.673	0.415	0.091	0.100	0.014	1.28	1.20
		Rear at 10mm -	0.570	0.409	0.180	0.220	0.006	1.36	1.21
		Left side at 10mm -	0.729	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.195	0.745	0.000	0.000	0.000	0.94	0.94
		Top side at 10mm -	0.000	0.352	0.069	0.134	0.025	0.56	0.51
		Bottom side at 10mm -	0.096	0.000	0.000	0.000	0.000	0.10	0.10
	LTE Band 13 (Av2)	Front at 10mm -	0.444	0.415	0.091	0.100	0.014	1.05	0.97
		Rear at 10mm -	0.444	0.409	0.180	0.220	0.006	1.23	1.08
		Left side at 10mm -	0.444	0.000	0.288	0.218	0.010	0.85	0.67
		Right side at 10mm -	0.444	0.745	0.000	0.000	0.000	1.19	1.19
		Top side at 10mm -	0.444	0.352	0.069	0.134	0.025	1.00	0.95
		Bottom side at 10mm -	0.444	0.000	0.000	0.000	0.000	0.44	0.44
	LTE Band 14 (Av2)	Front at 10mm -	0.456	0.415	0.091	0.100	0.014	1.06	0.99
		Rear at 10mm -	0.456	0.409	0.180	0.220	0.006	1.25	1.09
		Left side at 10mm -	0.456	0.000	0.288	0.218	0.010	0.86	0.69
		Right side at 10mm -	0.456	0.745	0.000	0.000	0.000	1.20	1.20
		Top side at 10mm -	0.456	0.352	0.069	0.134	0.025	1.01	0.97
		Bottom side at 10mm -	0.456	0.000	0.000	0.000	0.000	0.46	0.46
	LTE Band 71 (Av2)	Front at 10mm -	0.348	0.415	0.091	0.100	0.014	0.95	0.88
		Rear at 10mm -	0.406	0.409	0.180	0.220	0.006	1.19	1.04
		Left side at 10mm -	0.235	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.314	0.745	0.000	0.000	0.000	1.06	1.06
		Top side at 10mm -	0.000	0.352	0.069	0.134	0.025	0.56	0.51
		Bottom side at 10mm -	0.067	0.000	0.000	0.000	0.000	0.07	0.07
NR Band n2 (Av2)	LTE Band 7 (Av1)	Front at 10mm -	0.378	0.000	0.091	0.100	0.014	0.85	0.58
		Rear at 10mm -	0.378	0.108	0.180	0.220	0.006	0.87	0.71
		Left side at 10mm -	0.378	0.000	0.288	0.218	0.010	0.88	0.61
		Right side at 10mm -	0.378	0.572	0.000	0.000	0.000	0.85	0.85
		Top side at 10mm -	0.378	0.039	0.069	0.134	0.025	0.62	0.58
		Bottom side at 10mm -	0.378	0.000	0.000	0.000	0.000	0.38	0.38
	LTE Band 66 (Av1)	Front at 10mm -	0.397	0.000	0.091	0.100	0.014	0.67	0.59
		Rear at 10mm -	0.369	0.108	0.180	0.220	0.006	0.86	0.70
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.739	0.572	0.000	0.000	0.000	1.21	1.21
		Top side at 10mm -	0.333	0.039	0.069	0.134	0.025	0.57	0.53
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 2 (Av1)	Front at 10mm -	0.322	0.665	0.091	0.100	0.014	1.19	1.19
		Rear at 10mm -	0.383	0.471	0.180	0.220	0.006	1.23	1.08
		Left side at 10mm -	0.000	0.342	0.288	0.218	0.010	0.85	0.57
		Right side at 10mm -	0.719	0.360	0.000	0.000	0.000	1.08	1.08
		Top side at 10mm -	0.423	0.000	0.069	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.181	0.000	0.000	0.000	0.18	0.18
	LTE Band 7 (Av1)	Front at 10mm -	0.378	0.665	0.091	0.100	0.014	1.23	1.18
		Rear at 10mm -	0.378	0.471	0.180	0.220	0.006	1.23	1.07
		Left side at 10mm -	0.378	0.342	0.288	0.218	0.010	1.23	0.95
		Right side at 10mm -	0.378	0.360	0.000	0.000	0.000	0.74	0.74
		Top side at 10mm -	0.378	0.000	0.069	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.378	0.181	0.000	0.000	0.000	0.25	0.25
NR Band n5 (Av2)	LTE Band 48 (Av7)	Front at 10mm -	0.451	0.665	0.091	0.100	0.014	1.21	1.23
		Rear at 10mm -	0.560	0.471	0.180	0.220	0.006	1.41	1.26
		Left side at 10mm -	0.000	0.342	0.288	0.218	0.010	0.85	0.57
		Right side at 10mm -	0.387	0.360	0.000	0.000	0.000	0.75	0.75
		Top side at 10mm -	0.000	0.069	0.134	0.025	0.28	0.18	0.18
		Bottom side at 10mm -	0.613	0.181	0.000	0.000	0.000	0.79	0.79
	LTE Band 66 (Av1)	Front at 10mm -	0.397	0.665	0.091	0.100	0.014	1.25	1.18
		Rear at 10mm -	0.369	0.471	0.180	0.220	0.006	1.22	1.07
		Left side at 10mm -	0.000	0.342	0.288	0.218	0.010	0.85	0.57
		Right side at 10mm -	0.739	0.360	0.000	0.000	0.000	1.19	1.18
		Top side at 10mm -	0.333	0.000	0.069	0.134	0.025	0.54	0.49
		Bottom side at 10mm -	0.000	0.181	0.000	0.000	0.000	0.18	0.18
NR Band n7 (Av2)	LTE Band 2 (Av2)	Front at 10mm -	0.054	0.446	0.091	0.100	0.014	0.69	0.61
		Rear at 10mm -	0.052	0.605	0.180	0.220	0.006	1.08	0.92
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.412	0.367	0.000	0.000	0.000	0.78	0.78
		Top side at 10mm -	0.000	0.378	0.069	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 5 (Av2)	Front at 10mm -	0.780	0.446	0.091	0.100	0.014	1.43	1.35
		Rear at 10mm -	0.526	0.605	0.180	0.220	0.006	1.51	1.36
		Left side at 10mm -	0.544	0.000	0.288	0.218	0.010	0.77	0.49
		Right side at 10mm -	0.432	0.367	0.000	0.000	0.000	0.89	0.89
		Top side at 10mm -	0.000	0.378	0.069	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.251	0.000	0.000	0.000	0.000	0.25	0.25
	LTE Band 12 (Av2)	Front at 10mm -	0.673	0.446	0.091	0.100	0.014	1.31	1.23
		Rear at 10mm -	0.570	0.605	0.180	0.220	0.006	1.55	1.40
		Left side at 10mm -	0.729	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.195	0.367	0.000	0.000	0.000	0.56	0.56
		Top side at 10mm -	0.000	0.378	0.069	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.096	0.000	0.000	0.000	0.000	0.10	0.10
	LTE Band 13 (Av2)	Front at 10mm -	0.444	0.446	0.091	0.100	0.014	1.08	1.00
		Rear at 10mm -	0.444	0.605	0.180	0.220	0.006	1.43	1.27
		Left side at 10mm -	0.444	0.000	0.288	0.218	0.010	0.86	0.67
		Right side at 10mm -	0.444	0.367	0.000	0.000	0.000	0.81	0.81
		Top side at 10mm -	0.444	0.378	0.069	0.134	0.025	1.03	0.98
		Bottom side at 10mm -	0.444	0.000	0.000	0.000	0.000	0.44	0.44
NR Band n12 (Av2)	LTE Band 71 (Av2)	Front at 10mm -	0.348	0.446	0.091	0.100	0.014	0.98	0.91
		Rear at 10mm -	0.406	0.605	0.180	0.220	0.006	1.19	1.04
		Left side at 10mm -	0.235	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.314	0.367	0.000	0.000	0.000	0.66	0.68
		Top side at 10mm -	0.000	0.378	0.069	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.067	0.000	0.000	0.000	0.000	0.07	0.07
	LTE Band 2 (Av1)	Front at 10mm -	0.322	0.144	0.091	0.100	0.014	0.66	0.58
		Rear at 10mm -	0.383	0.410	0.180	0.220	0.006	1.17	1.02
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.789	0.443	0.000	0.000	0.000	1.23	1.23
		Top side at 10mm -	0.423	0.000	0.069	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 66 (Av1)	Front at 10mm -	0.397	0.144	0.091	0.100	0.014	0.73	0.66
		Rear at 10mm -	0.369	0.410	0.180	0.220	0.006	1.15	1.00
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.739	0.443	0.000	0.000	0.000	1.18	1.18
		Top side at 10mm -	0.333	0.000	0.069	0.134	0.025	0.54	0.49
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
NR Band n25 (Av1)	LTE Band 2 (Av1)	Front at 10mm -	0.322	0.446	0.091	0.100	0.014	0.96	0.88
		Rear at 10mm -	0.383	0.487	0.180	0.220	0.006	1.25	1.10
		Left side at 10mm -	0.000	0.211	0.288	0.218	0.010	0.72	0.44
		Right side at 10mm -	0.719	0.205	0.000	0.000	0.000	0.82	0.82
		Top side at 10mm -	0.423	0.000	0.069	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.076					

NR Band n66 (Av2)	LTE Band 13 (Av2)	Left side at 10mm -	0.444	0.000	0.288	0.218	0.010	0.85	0.87
		Right side at 10mm -	0.444	0.000	0.000	0.000	0.000	1.13	1.13
		Top side at 10mm -	0.444	0.000	0.000	0.134	0.025	0.71	0.87
		Bottom side at 10mm -	0.444	0.000	0.000	0.000	0.000	0.44	0.44
	LTE Band 14 (Av2)	Front at 10mm -	0.456	0.218	0.091	0.100	0.014	0.87	0.79
		Rear at 10mm -	0.456	0.217	0.160	0.220	0.006	1.06	0.90
		Left side at 10mm -	0.456	0.000	0.288	0.218	0.010	0.96	0.88
		Right side at 10mm -	0.456	0.000	0.000	0.000	0.000	1.14	1.14
	LTE Band 71 (Av2)	Top side at 10mm -	0.456	0.000	0.000	0.134	0.025	0.73	0.88
		Bottom side at 10mm -	0.456	0.000	0.000	0.000	0.000	0.46	0.46
		Front at 10mm -	0.348	0.218	0.091	0.100	0.014	0.76	0.68
		Rear at 10mm -	0.406	0.217	0.160	0.220	0.006	1.00	0.85
NR Band n66 (Av2)	LTE Band 2 (Av1)	Left side at 10mm -	0.235	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.114	0.000	0.000	0.000	0.000	1.00	1.00
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.27	0.27
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.87	0.87
	LTE Band 7 (Av1)	Front at 10mm -	0.322	0.096	0.091	0.100	0.014	0.61	0.53
		Rear at 10mm -	0.383	0.073	0.160	0.220	0.006	0.84	0.68
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.719	0.350	0.000	0.000	0.000	1.04	1.04
	LTE Band 68 (Av1)	Top side at 10mm -	0.423	0.000	0.000	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
		Front at 10mm -	0.378	0.096	0.091	0.100	0.014	0.67	0.59
		Rear at 10mm -	0.378	0.073	0.160	0.220	0.006	0.83	0.68
NR Band n71 (Av2)	LTE Band 7 (Av1)	Left side at 10mm -	0.378	0.000	0.288	0.218	0.010	0.88	0.81
		Right side at 10mm -	0.378	0.320	0.000	0.000	0.000	0.78	0.78
		Top side at 10mm -	0.378	0.000	0.000	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.378	0.000	0.000	0.000	0.000	0.38	0.38
	LTE Band 68 (Av1)	Front at 10mm -	0.451	0.096	0.091	0.100	0.014	0.74	0.66
		Rear at 10mm -	0.560	0.073	0.160	0.220	0.006	1.01	0.86
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.387	0.320	0.000	0.000	0.000	0.71	0.71
	LTE Band 2 (Av1)	Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
		Bottom side at 10mm -	0.615	0.000	0.000	0.000	0.000	0.61	0.61
		Front at 10mm -	0.322	0.333	0.091	0.100	0.014	0.85	0.77
		Rear at 10mm -	0.363	0.422	0.160	0.220	0.006	1.18	1.03
NR Band n71 (Av2)	LTE Band 7 (Av1)	Left side at 10mm -	0.000	0.274	0.288	0.218	0.010	0.78	0.80
		Right side at 10mm -	0.719	0.354	0.000	0.000	0.000	1.07	1.07
		Top side at 10mm -	0.423	0.000	0.000	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 68 (Av1)	Front at 10mm -	0.378	0.333	0.091	0.100	0.014	0.90	0.83
		Rear at 10mm -	0.378	0.422	0.160	0.220	0.006	1.18	1.03
		Left side at 10mm -	0.378	0.274	0.288	0.218	0.010	1.16	0.88
		Right side at 10mm -	0.378	0.354	0.000	0.000	0.000	0.73	0.73
	LTE Band 66 (Av1)	Top side at 10mm -	0.378	0.000	0.000	0.134	0.025	0.58	0.54
		Bottom side at 10mm -	0.378	0.000	0.000	0.000	0.000	0.44	0.44
		Front at 10mm -	0.397	0.333	0.091	0.100	0.014	0.92	0.84
		Rear at 10mm -	0.369	0.422	0.160	0.220	0.006	1.17	1.01
NR Band n77 (Av2)	LTE Band 5 (Av2)	Left side at 10mm -	0.000	0.274	0.288	0.218	0.010	0.78	0.80
		Right side at 10mm -	0.739	0.354	0.000	0.000	0.000	1.09	1.09
		Top side at 10mm -	0.333	0.000	0.000	0.134	0.025	0.54	0.49
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 7 (Av2)	Front at 10mm -	0.790	0.318	0.091	0.100	0.014	1.30	1.24
		Rear at 10mm -	0.526	0.499	0.160	0.220	0.006	1.40	1.29
		Left side at 10mm -	0.264	0.000	0.288	0.218	0.010	0.77	0.49
		Right side at 10mm -	0.432	0.716	0.000	0.000	0.000	1.15	1.15
	LTE Band 12 (Av2)	Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
		Bottom side at 10mm -	0.251	0.606	0.000	0.000	0.000	0.86	0.86
		Front at 10mm -	0.000	0.336	0.091	0.100	0.014	0.42	0.36
		Rear at 10mm -	0.354	0.499	0.160	0.220	0.006	1.19	1.06
NR Band n77 (Av2)	LTE Band 7 (Av2)	Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.386	0.716	0.000	0.000	0.000	1.19	1.19
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	LTE Band 12 (Av2)	Front at 10mm -	0.570	0.499	0.160	0.220	0.006	1.46	1.29
		Left side at 10mm -	0.235	0.000	0.288	0.218	0.010	0.74	0.46
		Right side at 10mm -	0.195	0.716	0.000	0.000	0.000	0.91	0.91
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
	LTE Band 13 (Av2)	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.78	0.78
		Front at 10mm -	0.444	0.336	0.091	0.100	0.014	0.97	0.89
		Rear at 10mm -	0.444	0.499	0.160	0.220	0.006	1.32	1.17
		Left side at 10mm -	0.444	0.000	0.288	0.218	0.010	0.95	0.67
NR Band n77 (Av2)	LTE Band 13 (Av2)	Right side at 10mm -	0.444	0.716	0.000	0.000	0.000	1.16	1.16
		Top side at 10mm -	0.444	0.000	0.000	0.134	0.025	0.65	0.60
		Bottom side at 10mm -	0.444	0.000	0.000	0.000	0.000	1.05	1.05
		Front at 10mm -	0.456	0.336	0.091	0.100	0.014	0.96	0.91
	LTE Band 14 (Av2)	Rear at 10mm -	0.456	0.499	0.160	0.220	0.006	1.33	1.18
		Left side at 10mm -	0.456	0.000	0.288	0.218	0.010	0.96	0.68
		Right side at 10mm -	0.456	0.716	0.000	0.000	0.000	1.17	1.17
		Top side at 10mm -	0.456	0.000	0.000	0.134	0.025	0.66	0.61
	LTE Band 41 (Av2)	Bottom side at 10mm -	0.456	0.606	0.000	0.000	0.000	1.06	1.06
		Front at 10mm -	0.000	0.336	0.091	0.100	0.014	0.61	0.53
		Rear at 10mm -	0.254	0.499	0.160	0.220	0.006	1.13	0.96
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
NR Band n77 (Av2)	LTE Band 66 (Av1)	Right side at 10mm -	0.452	0.716	0.000	0.000	0.000	1.17	1.17
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.61	0.61
		Front at 10mm -	0.397	0.536	0.091	0.100	0.014	1.12	1.05
	LTE Band 66 (Av1)	Rear at 10mm -	0.369	0.466	0.160	0.220	0.006	1.21	1.06
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
		Right side at 10mm -	0.739	0.301	0.000	0.000	0.000	1.04	1.04
		Top side at 10mm -	0.333	0.318	0.000	0.134	0.025	0.86	0.81
NR Band n78 (Av2)	LTE Band 2 (Av1)	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.00	0.00
		Front at 10mm -	0.322	0.336	0.091	0.100	0.014	0.85	0.77
		Rear at 10mm -	0.383	0.499	0.160	0.220	0.006	1.26	1.11
		Left side at 10mm -	0.000	0.000	0.288	0.218	0.010	0.51	0.23
	LTE Band 5 (Av2)	Right side at 10mm -	0.719	0.716	0.000	0.000	0.000	1.44	1.44
		Top side at 10mm -	0.423	0.000	0.000	0.134	0.025	0.63	0.58
		Bottom side at 10mm -	0.000	0.606	0.000	0.000	0.000	0.61	0.61
		Front at 10mm -	0.790	0.336	0.091	0.100	0.014	1.52	1.34
	LTE Band 5 (Av2)	Rear at 10mm -	0.526	0.499	0.160	0.220	0.006	1.40	1.25
		Left side at 10mm -	0.264	0.000	0.288	0.218	0.010	0.77	0.49
		Right side at 10mm -	0.432	0.716	0.000	0.000	0.000	1.15	1.15
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
NR Band n78 (Av2)	LTE Band 12 (Av2)	Bottom side at 10mm -	0.251	0.606	0.000	0.000	0.000	0.86	0.86
		Front at 10mm -	0.673	0.336	0.091	0.100	0.014	1.20	1.12
		Rear at 10mm -	0.570	0.499	0.160	0.220	0.006	1.46	1.29
		Left side at 10mm -	0.235	0.000	0.288	0.218	0.010	0.74	0.46
	LTE Band 13 (Av2)	Right side at 10mm -	0.195	0.716	0.000	0.000	0.000	0.91	0.91
		Top side at 10mm -	0.000	0.000	0.000	0.134	0.025	0.20	0.16
		Bottom side at 10mm -	0.000	0.606	0.000	0.000	0.000	0.79	0.79
		Front at 10mm -	0.444	0.336	0.091	0.100	0.014	0.97	0.89
NR Band n78 (Av2)	LTE Band 13 (Av2)	Rear at 10mm -	0.444	0.499	0.160	0.220	0.006	1.32	1.17
		Left side at 10mm -	0.444	0.000	0.288	0.218			

Simultaneous Transmission analysis Body SAR(EN-DC)

Wi-Fi Band		Exposure Position	1 LTE 10-2000	2 NR 2425-2690	3 2.4GHz WLAN 2400-2485	4 5GHz WLAN 5150-5850	5 6GHz 5925-7125	10-144 1g SAR (W/kg)	14-40 1g SAR (W/kg)	14-40 1g SAR (W/kg)
NR Band n2 (4x12)	LTE Band 5 (4x12)	Front at 10mm~	0.790	0.415	0.001	0.100	0.014	1.40	1.32	
		Rear at 10mm~	0.526	0.409	0.160	0.237	0.006	1.35	1.18	
		Front at 10mm~	0.673	0.415	0.001	0.100	0.014	1.28	1.20	
		Rear at 10mm~	0.570	0.409	0.160	0.237	0.006	1.28	1.22	
	LTE Band 13 (4x12)	Front at 10mm~	0.444	0.415	0.001	0.100	0.014	1.05	0.97	
		Rear at 10mm~	0.444	0.409	0.160	0.237	0.006	1.25	1.10	
		Front at 10mm~	0.456	0.415	0.001	0.100	0.014	1.06	0.99	
		Rear at 10mm~	0.456	0.409	0.160	0.237	0.006	1.26	1.11	
	LTE Band 71 (4x12)	Front at 10mm~	0.348	0.415	0.001	0.100	0.014	1.06	0.98	
		Rear at 10mm~	0.408	0.409	0.160	0.237	0.006	1.21	1.08	
		Front at 10mm~	0.378	0.083	0.001	0.100	0.014	0.65	0.58	
		Rear at 10mm~	0.378	0.108	0.160	0.237	0.006	0.88	0.73	
NR Band n2 (4x12)	LTE Band 66 (4x12)	Front at 10mm~	0.397	0.083	0.001	0.100	0.014	0.67	0.59	
		Rear at 10mm~	0.393	0.108	0.160	0.237	0.006	0.87	0.72	
	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.065	0.001	0.100	0.014	1.18	1.10	
		Rear at 10mm~	0.383	0.471	0.160	0.237	0.006	1.25	1.10	
		Front at 10mm~	0.378	0.065	0.001	0.100	0.014	1.23	1.18	
		Rear at 10mm~	0.378	0.471	0.160	0.237	0.006	1.25	1.19	
	LTE Band 48 (4x12)	Front at 10mm~	0.451	0.665	0.001	0.100	0.014	1.31	1.23	
		Rear at 10mm~	0.580	0.471	0.160	0.237	0.006	1.43	1.27	
		Front at 10mm~	0.397	0.065	0.001	0.100	0.014	1.25	1.18	
		Rear at 10mm~	0.393	0.471	0.160	0.237	0.006	1.24	1.08	
NR Band n2 (4x12)	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.065	0.001	0.100	0.014	0.88	0.81	
		Rear at 10mm~	0.383	0.446	0.001	0.100	0.014	0.88	0.81	
		Front at 10mm~	0.322	0.065	0.001	0.100	0.014	1.41	1.25	
		Rear at 10mm~	0.383	0.446	0.001	0.100	0.014	1.41	1.25	
	LTE Band 5 (4x12)	Front at 10mm~	0.790	0.446	0.001	0.100	0.014	1.43	1.35	
		Rear at 10mm~	0.526	0.405	0.160	0.237	0.006	1.53	1.27	
		Front at 10mm~	0.673	0.446	0.001	0.100	0.014	1.31	1.23	
		Rear at 10mm~	0.570	0.405	0.160	0.237	0.006	1.57	1.42	
	LTE Band 13 (4x12)	Front at 10mm~	0.444	0.446	0.001	0.100	0.014	1.08	1.00	
		Rear at 10mm~	0.444	0.005	0.160	0.237	0.006	1.45	1.29	
		Front at 10mm~	0.348	0.446	0.001	0.100	0.014	0.98	0.91	
		Rear at 10mm~	0.408	0.005	0.160	0.237	0.006	1.41	1.25	
NR Band n7 (4x12)	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.144	0.001	0.100	0.014	0.66	0.58	
		Rear at 10mm~	0.383	0.410	0.160	0.237	0.006	1.19	1.04	
		Front at 10mm~	0.397	0.144	0.001	0.100	0.014	0.73	0.66	
		Rear at 10mm~	0.398	0.410	0.160	0.237	0.006	1.18	1.03	
	LTE Band 66 (4x12)	Front at 10mm~	0.322	0.445	0.001	0.100	0.014	0.96	0.88	
		Rear at 10mm~	0.383	0.487	0.160	0.237	0.006	1.27	1.11	
		Front at 10mm~	0.378	0.445	0.001	0.100	0.014	1.01	0.94	
		Rear at 10mm~	0.378	0.487	0.160	0.237	0.006	1.26	1.11	
	LTE Band 66 (4x12)	Front at 10mm~	0.397	0.445	0.001	0.100	0.014	1.03	0.96	
		Rear at 10mm~	0.393	0.487	0.160	0.237	0.006	1.25	1.10	
	LTE Band 12 (4x12)	Front at 10mm~	0.673	0.415	0.001	0.100	0.014	1.28	1.20	
		Rear at 10mm~	0.570	0.409	0.160	0.237	0.006	1.38	1.22	
NR Band n5 (4x12)	LTE Band 48 (4x12)	Front at 10mm~	0.451	0.665	0.001	0.100	0.014	0.72	0.65	
		Rear at 10mm~	0.580	0.108	0.160	0.237	0.006	1.06	0.91	
		Front at 10mm~	0.397	0.083	0.001	0.100	0.014	0.67	0.59	
		Rear at 10mm~	0.393	0.108	0.160	0.237	0.006	0.87	0.72	
	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.170	0.001	0.100	0.014	0.41	0.34	
		Rear at 10mm~	0.383	0.111	0.160	0.237	0.006	0.80	0.65	
		Front at 10mm~	0.393	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.393	0.111	0.160	0.237	0.006	0.77	0.61	
	LTE Band 4 (4x12)	Front at 10mm~	0.063	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.060	0.111	0.160	0.237	0.006	0.77	0.61	
		Front at 10mm~	0.790	0.170	0.001	0.100	0.014	1.15	1.07	
		Rear at 10mm~	0.526	0.111	0.160	0.237	0.006	1.23	1.08	
NR Band n3 (4x12)	LTE Band 12 (4x12)	Front at 10mm~	0.673	0.170	0.001	0.100	0.014	1.03	0.96	
		Rear at 10mm~	0.570	0.111	0.160	0.237	0.006	1.28	1.12	
		Front at 10mm~	0.393	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.393	0.111	0.160	0.237	0.006	0.77	0.61	
	LTE Band 66 (4x12)	Front at 10mm~	0.348	0.170	0.001	0.100	0.014	0.72	0.63	
		Rear at 10mm~	0.408	0.111	0.160	0.237	0.006	1.11	0.96	
		Front at 10mm~	0.397	0.090	0.001	0.100	0.014	0.68	0.60	
		Rear at 10mm~	0.393	0.150	0.160	0.237	0.006	0.92	0.76	
	LTE Band 4 (4x12)	Front at 10mm~	0.064	0.170	0.001	0.100	0.014	0.41	0.34	
		Rear at 10mm~	0.062	0.111	0.160	0.237	0.006	0.80	0.65	
		Front at 10mm~	0.093	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.090	0.111	0.160	0.237	0.006	0.77	0.61	
NR Band n4 (4x12)	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.320	0.111	0.160	0.237	0.006	1.23	1.08	
		Front at 10mm~	0.673	0.170	0.001	0.100	0.014	1.03	0.96	
		Rear at 10mm~	0.570	0.111	0.160	0.237	0.006	1.28	1.12	
	LTE Band 25 (4x12)	Front at 10mm~	0.570	0.331	0.160	0.237	0.006	0.98	0.84	
		Rear at 10mm~	0.454	0.170	0.001	0.100	0.014	0.41	0.34	
		Front at 10mm~	0.062	0.111	0.160	0.237	0.006	0.80	0.65	
		Rear at 10mm~	0.060	0.170	0.001	0.100	0.014	0.45	0.38	
	LTE Band 26 (4x12)	Front at 10mm~	0.774	0.170	0.001	0.100	0.014	1.13	1.06	
		Rear at 10mm~	0.511	0.111	0.160	0.237	0.006	1.22	1.07	
		Front at 10mm~	0.093	0.170	0.001	0.100	0.014	0.45	0.38	
		Rear at 10mm~	0.090	0.111	0.160	0.237	0.006	0.77	0.61	
NR Band n4 (4x12)	LTE Band 71 (4x12)	Front at 10mm~	0.348	0.170	0.001	0.100	0.014	0.71	0.63	
		Rear at 10mm~	0.408	0.111	0.160	0.237	0.006	1.11	0.96	
		Front at 10mm~	0.397	0.090	0.001	0.100	0.014	0.68	0.60	
		Rear at 10mm~	0.393	0.150	0.160	0.237	0.006	0.92	0.76	
	LTE Band 66 (4x12)	Front at 10mm~	0.348	0.170	0.001	0.100	0.014	0.71	0.63	
		Rear at 10mm~	0.408	0.111	0.160	0.237	0.006	1.11	0.96	
		Front at 10mm~	0.397	0.090	0.001	0.100	0.014	0.68	0.60	
		Rear at 10mm~	0.393	0.150	0.160	0.237	0.006	0.92	0.76	
	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.238	0.001	0.100	0.014	0.75	0.67	
		Rear at 10mm~	0.383	0.216	0.160	0.237	0.006	1.00	0.84	
		Front at 10mm~	0.397	0.238	0.001	0.100	0.014	0.83	0.75	
		Rear at 10mm~	0.393	0.216	0.160	0.237	0.006	0.98	0.83	
NR Band n6 (4x12)	LTE Band 5 (4x12)	Front at 10mm~	0.790	0.261	0.001	0.100	0.014	1.24	1.17	
		Rear at 10mm~	0.526	0.402	0.160	0.237	0.006	1.32	1.17	
		Front at 10mm~	0.790	0.218	0.001	0.100	0.014	1.20	1.12	
		Rear at 10mm~	0.526	0.217	0.160	0.237	0.006	1.14	0.99	
	LTE Band 14 (4x12)	Front at 10mm~	0.456	0.218	0.001	0.100	0.014	1.08	1.01	
		Rear at 10mm~	0.456	0.217	0.160	0.237	0.006	1.07	0.92	
		Front at 10mm~	0.348	0.218	0.001	0.100	0.014	0.76	0.68	
		Rear at 10mm~	0.408	0.217	0.160	0.237	0.006	1.02	0.87	
	LTE Band 71 (4x12)	Front at 10mm~	0.348	0.218	0.001	0.100	0.014	0.76	0.68	
		Rear at 10mm~	0.408	0.217	0.160	0.237	0.006	1.02	0.87	
NR Band n6 (4x12)	LTE Band 2 (4x12)	Front at 10mm~	0.322	0.098	0.001	0.100	0.014	0.61	0.53	
		Rear at 10mm~	0.383	0.073	0.160	0.237	0.006	0.85	0.76	
		Front at 10mm~	0.378	0.098	0.001	0.100	0.014	0.67	0.59	
		Rear at 10mm~	0.378							



Appendix F. Photographs of EUT and Setup