

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	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	AAD	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	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	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	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	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	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	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	AAC	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

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
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	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, 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.



BUREAU
VERITAS



Appendix D. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power_Antenna 0

SW	SW	L1E Band 2										SW	SW	L1E Band 3										SW	SW	L1E Band 4										SW	SW	L1E Band 5										SW	SW	L1E Band 6										SW	SW	L1E Band 7										SW	SW	L1E Band 8										SW	SW	L1E Band 9										SW	SW	L1E Band 10										SW	SW	L1E Band 11										SW	SW	L1E Band 12										SW	SW	L1E Band 13										SW	SW	L1E Band 14										SW	SW	L1E Band 15										SW	SW	L1E Band 16										SW	SW	L1E Band 17										SW	SW	L1E Band 18										SW	SW	L1E Band 19										SW	SW	L1E Band 20										SW	SW	L1E Band 21										SW	SW	L1E Band 22										SW	SW	L1E Band 23										SW	SW	L1E Band 24										SW	SW	L1E Band 25										SW	SW	L1E Band 26										SW	SW	L1E Band 27										SW	SW	L1E Band 28										SW	SW	L1E Band 29										SW	SW	L1E Band 30										SW	SW	L1E Band 31										SW	SW	L1E Band 32										SW	SW	L1E Band 33										SW	SW
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n2 (SCS 15 kHz)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High				
		Channel	Frequency (MHz)	15000	176000	180000	Max. Turn-up (dBm)			
20M	DFT+QOFDM P2 BPSK	1	1	22.89	22.94	22.99	24			
		1	53	22.76	22.76	22.77	24			
		1	104	22.96	22.95	22.96	24			
		50	0	22.96	22.72	22.82	24			
		50	28	22.86	23.03	23.07	24			
		50	56	22.92	22.87	23.00	24			
	DFT+QOFDM QPSK	100	0	22.99	23.03	23.03	24			
		1	1	23.09	23.09	23.05	24			
		1	53	23.03	22.98	22.95	24			
		1	104	23.06	23.01	22.88	24			
		50	0	22.77	23.06	23.03	24			
		50	28	22.85	23.05	23.07	24			
10M	DFT+QOFDM QPSK	50	56	22.99	22.99	23.02	24			
		100	0	22.99	23.00	22.94	24			
		1	1	22.90	22.96	22.94	24			
		DFT+QOFDM	1	1	21.41	21.55	21.43	23		
		DFT+QOFDM	1	1	19.53	19.33	19.30	21		
		DFT+QOFDM	1	1	18.53	18.33	18.30	21		
5M	DFT+QOFDM	MCS Index	Channel	370200	376500	380500	Max. Turn-up			
		DFT+QOFDM	1	1	18.53	18.40	18.50	21		
		DFT+QOFDM	1	1	23.01	22.99	23.03	24		
		MCS Index	Channel	370900	376900	381000	Max. Turn-up			
		DFT+QOFDM	1	1	18.53	18.50	18.50	21		
		DFT+QOFDM	1	1	23.05	22.98	23.03	24		
5M	DFT+QOFDM	MCS Index	Channel	370200	376500	380500	Max. Turn-up			
		DFT+QOFDM	1	1	22.97	22.92	23.07	24		

n5 (SCS 15 kHz)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High				
		Channel	Frequency (MHz)	148000	167300	167800	Max. Turn-up (dBm)			
20M	DFT+QOFDM P2 BPSK	1	1	23.30	23.25	23.18	24			
		1	53	23.05	23.94	22.86	24			
		1	104	22.90	22.69	22.77	24			
		50	0	23.29	23.11	23.07	24			
		50	28	23.16	23.92	23.06	24			
		50	56	23.08	22.84	22.93	24			
	DFT+QOFDM QPSK	100	0	23.23	23.04	23.08	24			
		1	1	23.36	23.27	23.16	24			
		1	53	23.11	22.99	23.07	24			
		1	104	22.84	22.75	22.72	24			
		50	0	23.33	23.35	23.03	24			
		50	28	23.18	22.99	23.06	24			
10M	DFT+QOFDM QPSK	50	56	22.86	22.80	22.91	24			
		100	0	23.22	23.19	23.04	24			
		1	1	23.31	23.19	23.25	24			
		DFT+QOFDM	1	1	21.74	21.84	21.57	23		
		DFT+QOFDM	1	1	19.61	19.70	19.67	21		
		DFT+QOFDM	1	1	18.61	18.70	18.67	21		
5M	DFT+QOFDM	MCS Index	Channel	148200	167300	167800	Max. Turn-up			
		DFT+QOFDM	1	1	23.12	23.01	23.06	24		
		DFT+QOFDM	1	1	23.26	23.17	23.06	24		
		MCS Index	Channel	148600	167300	167800	Max. Turn-up			
		DFT+QOFDM	1	1	23.30	23.26	23.06	24		
		DFT+QOFDM	1	1	23.30	23.15	23.10	24		
1.5M	DFT+QOFDM	MCS Index	Channel	148800	167300	167800	Max. Turn-up			
		DFT+QOFDM	1	1	23.35	23.25	23.05	24		
		DFT+QOFDM	1	1	23.35	23.25	23.05	24		
		MCS Index	Channel	149200	167300	167800	Max. Turn-up			
		DFT+QOFDM	1	1	23.20	23.25	23.10	24		
		DFT+QOFDM	1	1	23.20	23.15	23.10	24		

n25 (SCS 15 kHz)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High				
		Channel	Frequency (MHz)	370900	376500	380500	Max. Turn-up (dBm)			
20M	DFT+QOFDM P2 BPSK	1	1	23.13	23.19	23.15	24			
		1	53	22.80	22.92	22.95	24			
		1	104	22.73	22.91	22.83	24			
		50	0	22.97	22.85	22.86	24			
		50	28	22.79	22.95	22.95	24			
		50	56	22.87	23.03	22.91	24			
	DFT+QOFDM QPSK	100	0	22.89	22.99	22.91	24			
		1	1	23.21	23.26	23.23	24			
		1	53	22.99	22.99	22.93	24			
		1	104	22.90	22.89	23.07	24			
		50	0	22.83	23.02	22.74	24			
		50	28	22.79	23.02	22.87	24			
10M	DFT+QOFDM QPSK	50	56	22.83	23.16	23.03	24			
		100	0	22.86	23.02	22.94	24			
		1	1	22.94	22.95	22.99	24			
		DFT+QOFDM	1	1	21.49	21.48	21.43	23		
		DFT+QOFDM	1	1	19.51	19.62	19.60	21		
		DFT+QOFDM	1	1	18.51	18.62	18.60	21		
5M	DFT+QOFDM	MCS Index	Channel	371500	376500	380500	Max. Turn-up			
		DFT+QOFDM	1	1	23.19	23.15	23.09	24		
		DFT+QOFDM	1	1	23.19	23.15	23.09	24		
		MCS Index	Channel	371900	376500	380500	Max. Turn-up			
		DFT+QOFDM	1	1	23.12	23.20	23.09	24		
		DFT+QOFDM	1	1	23.08	23.10	23.09	24		

n41 (SCS 30 kHz) PC3										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High				
		Channel	Frequency (MHz)	380900	386900	390900	Max. Turn-up (dBm)			
100M	DFT+QOFDM P2 BPSK	1	1	22.96	23.19	23.01	24			
		1	137	22.74	23.18	22.92	24			
		1	271	22.76	22.94	22.80	24			
		135	0	22.66	22.84	22.76	24			
		135	69	22.59	22.75	22.71	24			
		135	138	22.56	22.70	22.58	24			
	DFT+QOFDM QPSK	270	0	22.65	22.79	22.73	24			
		1	1	23.13	23.00	23.09	24			
		1	137	22.77	22.82	22.88	24			
		1	271	23.74	22.83	22.73	24			
		135	0	22.84	23.76	22.75	24			
		135	69	22.52	22.88	22.77	24			
50M	DFT+QOFDM QPSK	135	138	22.55	22.66	22.57	24			
		270	0	22.63	22.69	22.59	24			
		1	1	22.58	23.08	22.91	24			
		DFT+QOFDM	1	1	21.49	21.48	21.43	23		
		DFT+QOFDM	1	1	19.51	19.62	19.60	21		
		DFT+QOFDM	1	1	18.51	18.62	18.60	21		
20M	DFT+QOFDM	MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.07	23.16	22.97	24		
		DFT+QOFDM	1	1	23.00	23.15	22.99	24		
10M	DFT+QOFDM	MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.07	23.16	22.97	24		
		DFT+QOFDM	1	1	23.00	23.15	22.99	24		
5M	DFT+QOFDM	MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.07	23.16	22.97	24		
		DFT+QOFDM	1	1	23.00	23.15	22.99	24		
2.5M	DFT+QOFDM	MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		DFT+QOFDM	1	1	23.04	23.10	23.03	24		
		MCS Index	Channel	380900	386900	390900	Max. Turn-up			
		DFT+QOFDM	1	1	23.07	23.16	22.97	24		
		DFT+QOFDM	1	1	23.00	23.15	22.99	24		

n41 (SCS 30 kHz) PC2													
BW	MCS Index	RB Size	RB Offset	Low	Mid	High							
		Channel	Frequency (MHz)	25120	25820	26480	Max. Turn-up (dBm)						
100M	DFT + QOFDM P2 BPSK	1	1	25.12	25.11	25.08	26.5						
		1	137	25.04	25.12	25.17	26.5						
		1	271	24.97	25.05	24.79	26.5						
		135	0	24.79	24.45	24.38	26.5						
		135	69	24.96	24.99	24.85	26.5						
		135	138	24.17	24.33	24.20	26.5						
	DFT + QOFDM QPSK	270	0	24.33	24.40	24.26	26.5						
		1	1	25.07	25.09	25.03	26.5						
		1	137	24.88	24.91	24.84	26.5						
		135	0	24.90	23.97	23.82	26.5						
50M	DFT + QOFDM P2 BPSK	135	69	24.94	24.94	24.75	26.5						
		135	138	23.83	23.84	23.79	26.5						
		270	0	23.87	24.01	23.87	26.5						
		1	1	24.98	24.43	24.35	26.5						
		1	137	24.94	25.04	24.88	26.5						
		135	1	24.18	23.26	23.14	27.7						
	DFT + QOFDM QPSK	Channel	Frequency (MHz)	25020	25898	26498	26.5						
		1	1	25.12	25.14	25.22	26.5						
		20M	DFT + QOFDM P2 BPSK	Channel	Frequency (MHz)	25120	25898	26498	26.5				
				1	1	25.12	25.14	25.22	26.5				
DFT + QOFDM QPSK	Channel			Frequency (MHz)	25120	25898	26498	26.5					
	1			1	25.14	25.20	25.27	26.5					
	10M			DFT + QOFDM P2 BPSK	Channel	Frequency (MHz)	25120	25898	26498	26.5			
					1	1	25.14	25.20	25.25	26.5			
DFT + QOFDM QPSK			Channel		Frequency (MHz)	25120	25898	26498	26.5				
			1		1	25.14	25.20	25.25	26.5				
			50M		DFT + QOFDM P2 BPSK	Channel	Frequency (MHz)	25120	25898	26498	26.5		
						1	1	25.14	25.20	25.25	26.5		
DFT + QOFDM QPSK		Channel		Frequency (MHz)		25120	25898	26498	26.5				
		1		1		25.14	25.20	25.25	26.5				
		40M		DFT + QOFDM P2 BPSK		Channel	Frequency (MHz)	25120	25898	26498	26.5		
						1	1	25.14	25.20	25.25	26.5		
DFT + QOFDM QPSK	Channel				Frequency (MHz)	25120	25898	26498	26.5				
	1				1	25.14	25.20	25.25	26.5				
	30M				DFT + QOFDM P2 BPSK	Channel	Frequency (MHz)	25120	25898	26498	26.5		
						1	1	25.19	25.26	25.30	26.5		
DFT + QOFDM QPSK			Channel	Frequency (MHz)		25120	25898	26498	26.5				
			1	1		25.19	25.27	25.19	26.5				

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CA 2C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
18700	1860	18898	1879.8	QPSK	1	99	1	0	22.51
				16QAM	1	99	1	0	21.57
				64QAM	1	99	1	0	20.69
				256QAM	1	99	1	0	17.58
				QPSK	1	99	1	0	22.47
18801	1870.1	18999	1889.9	16QAM	1	99	1	0	21.56
				64QAM	1	99	1	0	20.58
				256QAM	1	99	1	0	17.49
				QPSK	1	99	1	0	22.49
				16QAM	1	99	1	0	21.45
18902	1880.2	19100	1900	64QAM	1	99	1	0	20.44
				256QAM	1	99	1	0	17.36

CA 5B									
Combination 10MHz+10MHz (50RB+50RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
20450	829	20549	838.9	QPSK	1	49	1	0	22.40
				16QAM	1	49	1	0	21.61
				64QAM	1	49	1	0	20.61
				256QAM	1	49	1	0	17.54
				QPSK	1	49	1	0	22.26
20476	831.6	20575	841.5	16QAM	1	49	1	0	21.72
				64QAM	1	49	1	0	20.80
				256QAM	1	49	1	0	17.72
				QPSK	1	49	1	0	22.28
				16QAM	1	49	1	0	21.57
20501	834.1	20600	844	64QAM	1	49	1	0	20.77
				256QAM	1	49	1	0	17.70

CA 7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
20850	2510	21048	2529.8	QPSK	1	99	1	0	23.07
				16QAM	1	99	1	0	22.31
				64QAM	1	99	1	0	21.48
				256QAM	1	99	1	0	18.43
				QPSK	1	99	1	0	23.02
21001	2525.1	21199	2544.9	16QAM	1	99	1	0	22.24
				64QAM	1	99	1	0	21.47
				256QAM	1	99	1	0	18.32
				QPSK	1	99	1	0	22.98
				16QAM	1	99	1	0	22.33
21152	2540.2	21350	2560	64QAM	1	99	1	0	21.44
				256QAM	1	99	1	0	18.35

CA 66C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
132072	1720	132270	1739.8	QPSK	1	99	1	0	22.39
				16QAM	1	99	1	0	21.71
				64QAM	1	99	1	0	21.18
				256QAM	1	99	1	0	18.03
				QPSK	1	99	1	0	22.54
132323	1745.1	132521	1764.9	16QAM	1	99	1	0	21.82
				64QAM	1	99	1	0	21.30
				256QAM	1	99	1	0	18.28
				QPSK	1	99	1	0	22.60
				16QAM	1	99	1	0	21.88
132374	1750.2	132572	1770	64QAM	1	99	1	0	20.43
				256QAM	1	99	1	0	17.35

CA 41C PC3									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
39750	2506	39948	2525.8	QPSK	1	99	1	0	22.66
				16QAM	1	99	1	0	21.63
				64QAM	1	99	1	0	20.58
				256QAM	1	99	1	0	17.56
				QPSK	1	99	1	0	22.27
40521	2583.1	40719	2602.9	16QAM	1	99	1	0	21.18
				64QAM	1	99	1	0	20.12
				256QAM	1	99	1	0	17.06
				QPSK	1	99	1	0	21.88
				16QAM	1	99	1	0	20.79
41292	2660.2	41490	2680	64QAM	1	99	1	0	19.98
				256QAM	1	99	1	0	16.92

CA 41C PC2									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	PCC Frequency	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
39750	2506	39948	2525.8	QPSK	1	99	1	0	25.32
				16QAM	1	99	1	0	24.28
				64QAM	1	99	1	0	23.36
				256QAM	1	99	1	0	20.34
				QPSK	1	99	1	0	25.25
40521	2583.1	40719	2602.9	16QAM	1	99	1	0	24.16
				64QAM	1	99	1	0	23.22
				256QAM	1	99	1	0	20.19
				QPSK	1	99	1	0	25.22
				16QAM	1	99	1	0	24.24
41292	2660.2	41490	2680	64QAM	1	99	1	0	23.32
				256QAM	1	99	1	0	20.30

CA 66B									
Combination 10MHz+10MHz (50RB+50RB)									
PCC Channel	PCC Frequency	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset	
132022	1715	132121	1724.9	QPSK	1	49	1	0	22.62
				16QAM	1	49	1	0	21.97
				64QAM	1	49	1	0	21.39
				256QAM	1	49	1	0	18.26
				QPSK	1	49	1	0	22.43
132373	1750.1	132472	1760	16QAM	1	49	1	0	21.58
				64QAM	1	49	1	0	21.13
				256QAM	1	49	1	0	18.06
				QPSK	1	49	1	0	22.66
				16QAM	1	49	1	0	21.94
132523	1765.1	132622	1775	64QAM	1	49	1	0	21.36
				256QAM	1	49	1	0	18.28

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM Pv2 BPSK	1	1	22.81	22.78	22.85	24
		1	53	22.67	22.68	22.64	24
		1	104	22.88	22.72	22.89	24
		50	0	22.85	22.66	22.78	24
		50	28	22.82	22.92	22.85	24
		50	56	22.84	22.80	22.94	24
		100	0	22.98	22.94	22.80	24
	DFT-s-OFDM QPSK	1	1	22.98	22.95	23.03	24
		1	53	22.96	22.84	22.92	24
		1	104	22.91	22.94	22.75	24
		50	0	22.62	22.95	22.92	24
		50	28	22.84	23.01	22.93	24
		50	56	22.97	22.96	22.90	24
		100	0	22.83	22.93	22.95	24
	DFT-s-OFDM 16QAM	1	1	22.82	23.00	22.86	24
	DFT-s-OFDM 64QAM	1	1	21.30	21.53	21.40	23
	DFT-s-OFDM 256QAM	1	1	19.52	19.30	19.26	21
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	22.89	22.93	22.93	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	22.83	22.85	22.92	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	22.84	22.93	22.97	24

n41 (SCS 30 kHz) PC3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pv2 BPSK	1	1	22.87	23.12	22.95	24
		1	137	22.63	23.03	22.78	24
		1	271	22.68	22.90	22.66	24
		135	0	22.60	22.81	22.72	24
		135	69	22.46	22.68	22.57	24
		135	138	22.55	22.58	22.49	24
		270	0	22.77	22.75	22.72	24
	DFT-s-OFDM QPSK	1	1	23.00	23.16	23.03	24
		1	137	22.62	22.91	22.83	24
		1	271	22.62	22.76	22.71	24
		135	0	22.58	22.68	22.73	24
		135	69	22.46	22.84	22.70	24
		135	138	22.47	22.62	22.47	24
		270	0	22.49	22.60	22.46	24
	DFT-s-OFDM 16QAM	1	1	22.50	22.96	22.85	24
	DFT-s-OFDM 64QAM	1	1	22.65	22.96	22.83	24
	DFT-s-OFDM 256QAM	1	1	20.86	21.15	20.89	22
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	22.94	23.03	22.96	24
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2645.99	
80M	DFT-s-OFDM QPSK	1	1	22.92	23.15	22.98	24
BW	MCS Index	Channel		505202	518598	531000	Max. Tune-up
		Frequency (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	22.87	23.01	22.93	24
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	22.93	23.01	22.98	24
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	22.98	23.12	23.02	24
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.85	23.11	22.88	24
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	22.92	23.12	22.93	24
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.98	23.11	22.98	24

n41 (SCS 30 kHz) PC2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pv2 BPSK	1	1	24.98	24.99	25.04	26.5
		1	137	24.99	24.97	25.09	26.5
		1	271	24.88	24.99	24.65	26.5
		135	0	24.35	24.44	24.26	26.5
		135	69	24.84	24.90	24.70	26.5
		135	138	24.08	24.22	24.12	26.5
		270	0	24.18	24.37	24.21	26.5
	DFT-s-OFDM QPSK	1	1	25.21	25.28	25.19	26.5
		1	137	24.73	24.86	24.75	26.5
		1	271	25.02	25.10	24.86	26.5
		135	0	23.75	23.89	23.79	26.5
		135	69	24.73	24.75	24.71	26.5
		135	138	23.69	23.82	23.74	26.5
		270	0	23.85	23.87	23.85	26.5
	DFT-s-OFDM 16QAM	1	1	24.22	24.32	24.29	25
	DFT-s-OFDM 64QAM	1	1	23.40	23.46	23.39	24
	DFT-s-OFDM 256QAM	1	1	21.24	21.18	21.34	22
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	25.10	25.25	25.05	26.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2645.99	
80M	DFT-s-OFDM QPSK	1	1	25.06	25.20	25.15	26.5
BW	MCS Index	Channel		505202	518598	531000	Max. Tune-up
		Frequency (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	25.17	25.13	25.05	26.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	25.11	25.23	25.06	26.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.11	26.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	25.13	25.17	25.14	26.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	25.12	25.27	25.12	26.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	25.07	25.16	25.16	26.5

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM Pv2 BPSK	1	1	23.15	23.17	23.13	24
		1	80	23.12	23.18	23.07	24
		1	158	23.00	23.04	23.03	24
		80	0	22.94	23.14	23.14	24
		80	40	23.11	23.19	23.03	24
		80	80	23.18	23.15	23.09	24
		160	0	23.07	23.24	23.15	24
	DFT-s-OFDM QPSK	1	1	22.99	23.25	23.20	24
		1	80	22.93	23.07	22.97	24
		1	158	22.99	23.03	22.95	24
		80	0	23.01	23.16	22.98	24
		80	40	23.06	23.09	22.97	24
		80	80	23.10	23.10	23.05	24
		160	0	23.04	23.14	23.01	24
	DFT-s-OFDM 16QAM	1	1	22.98	22.94	22.99	24
	DFT-s-OFDM 64QAM	1	1	21.55	21.68	21.68	23
	DFT-s-OFDM 256QAM	1	1	19.67	19.77	19.83	21
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	22.96	23.12	23.17	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	22.91	23.21	23.08	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	22.93	23.19	23.18	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	22.88	23.23	23.15	24

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M77 (SCS 30 MHz) PC3						
DVB	MCS Index	Modulation Channel		Channel		Max. Time (s)
		QPSK	Channel	QPSK	Channel	
100M	DVB-T-CODM DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO	1	1	24.00	25.5	
		1	1	23.87	24.61	
		1	1	23.74	24.48	
		1	1	23.61	24.35	
		1	1	23.48	24.22	
		1	1	23.35	24.09	
		1	1	23.22	23.96	
		1	1	23.09	23.83	
		1	1	22.96	23.70	
		1	1	22.83	23.57	
		1	1	22.70	23.44	
		1	1	22.57	23.31	
50M	DVB-T-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO	1	1	23.00	24	
		1	1	22.87	23.87	
		1	1	22.74	23.74	
		1	1	22.61	23.61	
		1	1	22.48	23.48	
		1	1	22.35	23.35	
		1	1	22.22	23.22	
		1	1	22.09	23.09	
		1	1	21.96	22.96	
		1	1	21.83	22.83	
		1	1	21.70	22.70	
		1	1	21.57	22.57	
20M	DVB-T-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO DVB-T2-CO	1	1	24.00	25.5	
		1	1	23.87	24.61	
		1	1	23.74	24.48	
		1	1	23.61	24.35	
		1	1	23.48	24.22	
		1	1	23.35	24.09	
		1	1	23.22	23.96	
		1	1	23.09	23.83	
		1	1	22.96	23.70	
		1	1	22.83	23.57	
		1	1	22.70	23.44	
		1	1	22.57	23.31	

		n78 (SCS 30 kHz) PC3					
UE	MCS Index	RB Size		MCS		Max. Throughput (Mbps)	Max. TBS (kbits)
		Frequency (MHz)	Time (ms)	Frequency (MHz)	Time (ms)		
100M	PUSCH (1-2) SF-BF	1	1	24.00	24.00	25.5	25.5
		1	272	24.71	24.71	25.5	25.5
		1	130	24.92	24.92	25.5	25.5
		1	130	24.99	24.99	25.5	25.5
		1	130	24.88	24.88	25.5	25.5
		1	270	24.66	24.66	25.5	25.5
	PUSCH (1-2) SF-BF + DMRS	1	1	25.28	25.28	25.5	25.5
		1	272	24.90	24.90	25.5	25.5
		1	130	24.93	24.93	25.5	25.5
		1	130	24.81	24.81	25.5	25.5
		1	130	24.80	24.80	25.5	25.5
		1	270	24.67	24.67	25.5	25.5
50M	PUSCH (1-2) SF-BF	1	1	25.03	25.03	25.5	25.5
		1	1	24.40	24.40	25.5	25.5
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
	PUSCH (1-2) SF-BF + DMRS	1	1	25.03	25.03	25.5	25.5
		1	1	24.40	24.40	25.5	25.5
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
		1	1	23.38	23.38	24	24
30M	PUSCH (1-2) SF-BF	1	1	25.16	25.16	25.5	25.5
		1	1	24.24	24.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
	PUSCH (1-2) SF-BF + DMRS	1	1	25.16	25.16	25.5	25.5
		1	1	24.24	24.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
		1	1	23.24	23.24	25.5	25.5
20M	PUSCH (1-2) SF-BF	1	1	25.05	25.05	25.5	25.5
		1	1	24.11	24.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
	PUSCH (1-2) SF-BF + DMRS	1	1	25.05	25.05	25.5	25.5
		1	1	24.11	24.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5
		1	1	23.11	23.11	25.5	25.5

n77 (SCS 30 kHz) PC3											
SSB	SSB Index	SSB Sub-channel	RB Set	SCS Offset	Lower		Upper		Max. Time-Shift		
					Frequency (MHz)	Bandwidth (MHz)	Frequency (MHz)	Bandwidth (MHz)			
120W	0	DFT-CSDM (CPA)	1	1	24.57	24.63	24.63	24.57	25.5		
			1	137	24.62	24.59	24.59	24.62	25.5		
		DFT-CSDM (CPA)	1	271	24.62	24.59	24.59	24.62	25.5		
			1	195	0	24.53	24.58	24.58	24.53	25.5	
		DFT-CSDM (CPA)	1	139	69	24.30	24.44	24.48	24.35	25.5	
			1	128	138	24.30	24.44	24.48	24.35	25.5	
		DFT-CSDM (CPA)	1	128	0	24.43	24.53	24.53	24.43	25.5	
			1	1	24.48	24.58	24.58	24.48	25.5		
		300W	0	DFT-CSDM (CPA)	1	1	24.57	24.59	24.63	24.61	25.5
					1	244	24.73	24.68	24.68	24.73	25.5
DFT-CSDM (CPA)	1			130	0	24.44	24.60	24.60	24.55	25.5	
	1			130	69	24.36	24.44	24.49	24.35	25.5	
DFT-CSDM (CPA)	1			128	24.38	24.38	24.48	24.38	25.5		
	1			128	0	24.44	24.44	24.44	24.44	25.5	
DFT-CSDM (CPA)	1			270	0	24.60	24.56	24.56	24.60	25.5	
	1			1	24.60	24.56	24.56	24.60	25.5		
DFT-CSDM (CPA)	1			1	23.77	23.75	24.07	24.05	25.5		
	1			1	23.12	23.20	23.28	23.24	25.5		
90W	0	MCS	Channel		16020	16020	16020	16020	Max. Time-Shift		
90W	0	DFT-CSDM (CPA)	Channel		173.62	173.62	173.62	173.62	Max. Time-Shift		
90W	0	MCS	Channel		16.82	24.56	24.56	16.82	Max. Time-Shift		
90W	0	DFT-CSDM (CPA)	Channel		173.62	173.62	173.62	173.62	Max. Time-Shift		
450W	0	DFT-CSDM (CPA)	Channel		1	24.73	24.66	24.66	24.73	Max. Time-Shift	
450W	0	MCS	Channel		16700	16700	16700	16700	Max. Time-Shift		
300W	0	DFT-CSDM (CPA)	Channel		1	24.63	24.49	24.51	24.59	Max. Time-Shift	
300W	0	MCS	Channel		16720	16720	16720	16720	Max. Time-Shift		
300W	0	DFT-CSDM (CPA)	Channel		1	24.62	24.49	24.53	24.55	Max. Time-Shift	
200W	0	DFT-CSDM (CPA)	Channel		1	24.62	24.49	24.53	24.55	Max. Time-Shift	

Size	n78 (SCS 30 kHz)				PC2				
	Size	MCs	Rate	Rate	Size	MCs	Rate	Rate	
100M	OFDM	Channel	1	438	Offset	Channel	1	438	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	5	26.62	26.62	26.62	
				1	137	26.62	26.62	26.62	
				1	272	26.64	26.64	26.64	
				135	0	26.67	26.67	26.67	
				135	69	26.64	26.64	26.64	
				135	138	26.65	26.65	26.65	
				270	0	27.12	27.12	27.12	
				1	1	26.70	26.70	26.70	
				1	137	26.72	26.72	26.72	
				135	0	26.77	26.77	26.77	
50M	OFDM	Channel	1	219	Offset	Channel	1	219	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	5	26.60	26.60	26.60	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
				1	1	25.11	25.11	25.11	
30M	OFDM	Channel	1	109	Offset	Channel	1	109	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
				1	26.97	26.97	26.97	26.97	
20M	OFDM	Channel	1	73	Offset	Channel	1	73	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
15M	OFDM	Channel	1	55	Offset	Channel	1	55	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
10M	OFDM	Channel	1	39	Offset	Channel	1	39	Offset
				Frequency (MHz)				Frequency (MHz)	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	
				1	27.05	27.05	27.05	27.05	

M77 (SCS 30 MHz) PC2						
SW	MSL Index	MSL Channel	Off Channel	MSL	MSL	Max. Turn-up (dB)
SW	DFT + CDSM W/ OFDM	Frequency (MHz)	1	200.000	200.000	
		1	1	200.77	200.77	20
		1	1	201.57	201.57	20
		1	1	212.1	212.1	20
		1	1	215.3	215.3	20
		1	1	216.65	216.65	20
		1	1	218.18	218.18	20
		1	1	219.5	219.5	20
		1	1	220.0	220.0	20
		1	1	277.00	277.00	20
		1	1	277.73	277.73	20
		1	1	278.7	278.7	20
SW	DFT + CDSM CPFSK	Frequency (MHz)	1	200.000	200.000	200.000
		1	1	200.77	200.77	200.77
		1	1	201.57	201.57	201.57
		1	1	212.1	212.1	212.1
		1	1	215.3	215.3	215.3
		1	1	216.65	216.65	216.65
		1	1	218.18	218.18	218.18
		1	1	219.5	219.5	219.5
		1	1	220.0	220.0	220.0
		1	1	277.00	277.00	277.00
		1	1	277.73	277.73	277.73
		1	1	278.7	278.7	278.7
SW	DFT + CDSM CPFSK	Frequency (MHz)	1	200.000	200.000	200.000
		1	1	200.77	200.77	200.77
		1	1	201.57	201.57	201.57
		1	1	212.1	212.1	212.1
		1	1	215.3	215.3	215.3
		1	1	216.65	216.65	216.65
		1	1	218.18	218.18	218.18
		1	1	219.5	219.5	219.5
		1	1	220.0	220.0	220.0
		1	1	277.00	277.00	277.00
		1	1	277.73	277.73	277.73
		1	1	278.7	278.7	278.7
SW	DFT + CDSM CPFSK	Frequency (MHz)	1	200.000	200.000	200.000
		1	1	200.77	200.77	200.77
		1	1	201.57	201.57	201.57
		1	1	212.1	212.1	212.1
		1	1	215.3	215.3	215.3
		1	1	216.65	216.65	216.65
		1	1	218.18	218.18	218.18
		1	1	219.5	219.5	219.5
		1	1	220.0	220.0	220.0
		1	1	277.00	277.00	277.00
		1	1	277.73	277.73	277.73
		1	1	278.7	278.7	278.7

077 (SCS 30 MHz) PC2							
SW	MCS Index	SS ID	Channel	SSB	PRB	MRB	Max. Time-use up
5W	SCS 30 MHz	1	1	23.07	23.03	23.02	28
		1	137	27.65	27.28	26.51	28
		1	171	26.27	26.08	26.08	28
		135	0	26.34	27.27	26.79	28
		130	60	26.50	27.38	26.66	28
		130	130	26.25	26.98	26.41	28
	SCS 30 MHz	1	171	26.27	26.08	26.07	28
		1	1	27.08	27.07	27.03	28
		1	137	27.65	27.67	27.12	28
		1	171	26.27	26.08	26.07	28
		130	0	26.23	27.32	26.64	28
		130	60	27.05	27.57	26.99	28
100M	SCS 30 MHz	1	130	26.25	26.13	26.03	28
		220	8	26.52	27.30	26.81	28
		220	8	26.52	27.30	26.81	28
		220	8	26.52	27.30	26.81	28
		220	8	26.52	27.30	26.81	28
		220	8	26.52	27.30	26.81	28
	SCS 30 MHz	1	1	26.49	26.83	26.94	25
		1	137	27.65	27.67	27.12	25
		1	171	26.27	26.08	26.07	25
		135	0	26.34	27.27	26.79	25
		130	60	26.50	27.38	26.66	25
		130	130	26.25	26.98	26.41	25
50M	SCS 30 MHz	1	171	26.27	26.08	26.07	25
		1	1	27.08	27.07	27.03	25
		1	137	27.65	27.67	27.12	25
		1	171	26.27	26.08	26.07	25
		130	0	26.23	27.32	26.64	25
		130	60	27.05	27.57	26.99	25
	SCS 30 MHz	1	130	26.25	26.13	26.03	25
		220	8	26.52	27.30	26.81	25
		220	8	26.52	27.30	26.81	25
		220	8	26.52	27.30	26.81	25
		220	8	26.52	27.30	26.81	25
		220	8	26.52	27.30	26.81	25
60M	SCS 30 MHz	1	1	26.49	26.83	26.94	25
		1	137	27.65	27.67	27.12	25
		1	171	26.27	26.08	26.07	25
		135	0	26.34	27.27	26.79	25
		130	60	26.50	27.38	26.66	25
		130	130	26.25	26.98	26.41	25
	SCS 30 MHz	1	171	26.27	26.08	26.07	25
		1	1	27.08	27.07	27.03	25
		1	137	27.65	27.67	27.12	25
		1	171	26.27	26.08	26.07	25
		130	0	26.23	27.32	26.64	25
		130	60	27.05	27.57	26.99	25
40M	SCS 30 MHz	1	130	26.25	26.13	26.03	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
	SCS 30 MHz	1	1	26.49	26.83	26.94	28.5
		1	137	27.65	27.67	27.12	28.5
		1	171	26.27	26.08	26.07	28.5
		135	0	26.34	27.27	26.79	28.5
		130	60	26.50	27.38	26.66	28.5
		130	130	26.25	26.98	26.41	28.5
30M	SCS 30 MHz	1	171	26.27	26.08	26.07	28.5
		1	1	27.08	27.07	27.03	28.5
		1	137	27.65	27.67	27.12	28.5
		1	171	26.27	26.08	26.07	28.5
		130	0	26.23	27.32	26.64	28.5
		130	60	27.05	27.57	26.99	28.5
	SCS 30 MHz	1	130	26.25	26.13	26.03	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
		220	8	26.52	27.30	26.81	28.5
20M	SCS 30 MHz	1	1	26.49	26.83	26.94	28.5
		1	137	27.65	27.67	27.12	28.5
		1	171	26.27	26.08	26.07	28.5
		135	0	26.34	27.27	26.79	28.5
		130	60	26.50	27.38	26.66	28.5
		130	130	26.25	26.98	26.41	28.5
	SCS 30 MHz	1	171	26.27	26.08	26.07	28.5
		1	1	27.08	27.07	27.03	28.5
		1	137	27.65	27.67	27.12	28.5
		1	171	26.27	26.08	26.07	28.5
		130	0	26.23	27.32	26.64	28.5
		130	60	27.05	27.57	26.99	28.5

Full Power_NR MIMO n77/78(Antenna 1+7), n41(Antenna 0+2)

n4 (SCS 30 kHz) PC3									
BW	MCS Index	Channel		Low	Mid	High	Max. Throughput (Gbps)		
		FR 1.25	FR 2.5	FR 1.25	FR 2.5	FR 1.25	FR 2.5	FR 1.25	FR 2.5
100M	CP-OFDM	MCS Index	Frequency (MHz)	28465	28839	2949	29		
			1	22.85	22.91	22.96	24		
			2	23.83	23.87	23.92	24		
	CP-OFDM	MCS Index	1	27.1	25.67	22.88	22.76	24	
			2	28.83	21.82	19.78	24		
			3	13.7	6.65	2.82	24		
	CP-OFDM	MCS Index	1	13.7	13.66	21.67	20.41	21.91	23
			2	27.3	0	21.78	21.82	19.22	24
			3	1	20.9	20.9	22.84	22.84	24
	CP-OFDM	MCS Index	1	1	31.11	21.14	19.26	23	
2			1	31.11	18.03	18.17	20		
3									
50M	CP-OFDM	MCS Index	Frequency (MHz)	29029	31036	31995	Max. Throughput		
			1	22.79	22.83	23.05	24.03		
			2	22.79	22.83	22.99	24.03		
	CP-OFDM	MCS Index	Frequency (MHz)	29126	31036	31995	Max. Throughput		
			1	22.92	22.77	22.61	24.03		
			2	23.02	22.83	22.99	24.03		
	CP-OFDM	MCS Index	Frequency (MHz)	31351	31995	3635	Turn-up		
			1	22.86	22.81	22.78	24		
			2	22.88	22.81	22.78	24		
	20M	CP-OFDM	MCS Index	Frequency (MHz)	31351	31995	3635	Turn-up	
1				22.76	22.81	22.78	24		
2				22.88	22.81	22.78	24		
CP-OFDM		MCS Index	Frequency (MHz)	328	31995	31995	Max. Throughput		
			1	22.75	22.84	22.91	24		
			2	22.75	22.84	22.91	24		
CP-OFDM		MCS Index	Frequency (MHz)	3285	22.89	23.93	24.03		
			1	22.85	22.89	23.93	24.03		
			2	22.85	22.89	23.93	24.03		
40M		CP-OFDM	MCS Index	Frequency (MHz)	3285	22.89	23.93	24.03	
	1			22.85	22.89	23.93	24.03		
	2			22.85	22.89	23.93	24.03		
	CP-OFDM	MCS Index	Frequency (MHz)	3281	22.89	23.93	24.03		
			1	22.89	22.91	23.94	24		
			2	22.89	22.91	23.94	24		
	CP-OFDM	MCS Index	Frequency (MHz)	3281	22.89	23.93	24.03		
			1	22.89	22.91	23.94	24		
			2	22.89	22.91	23.94	24		
	20M	CP-OFDM	MCS Index	Frequency (MHz)	3281	22.89	23.93	24.03	
1				22.89	22.91	23.94	24		
2				22.89	22.91	23.94	24		
CP-OFDM		MCS Index	Frequency (MHz)	3281	22.89	23.93	24.03		
			1	22.89	22.91	23.94	24		
			2	22.89	22.91	23.94	24		

[illegible]

n77 (SCS 30 kHz) PC3							
BW	MCS Index	RB Set	Channel	Mod	Max. TBS (kbit/s)	Max. TBS (Mbit/s)	
		Frequency (MHz)			(256QAM)	(256QAM)	
100M	CP-OFDM	1	1	25.75	24	25	
		1	1	25.75	24	25	
		1	271	23.84	24	25	
		137	0	22.51	24	24	
		137	0	22.66	24	24	
	137	136	22.79	24	24		
	273	0	22.65	24	24		
	CP-OFDM (256QAM)	1	1	25.73	24	25	
	CP-OFDM (256QAM)	1	1	25.50	24	25	
	CP-OFDM (256QAM)	1	1	18.83	24	25	
BW	MCS Index	Channel	Frequency (MHz)	32385	32385	32400	
BW	MCS Index	Channel	Frequency (MHz)	34902	35061	35120	
50M	MCS Index	Channel	Frequency (MHz)	23.77	23.69	23.80	
BW	MCS Index	Channel	Frequency (MHz)	32490	32544	32600	
30M	MCS Index	Channel	Frequency (MHz)	3481	3481	3481	
60M	CP-OFDM	MCS Index	Channel	Frequency (MHz)	23.84	23.73	23.84
60M	MCS Index	Channel	Frequency (MHz)	32324	32334	32352	
40M	MCS Index	Channel	Frequency (MHz)	23.76	23.74	23.84	
40M	CP-OFDM	MCS Index	Channel	Frequency (MHz)	23.76	23.74	23.84
40M	MCS Index	Channel	Frequency (MHz)	3485	35051	35124	
20M	CP-OFDM	MCS Index	Channel	Frequency (MHz)	32320	32334	32368
20M	MCS Index	Channel	Frequency (MHz)	23.81	23.70	23.85	
10M	CP-OFDM	MCS Index	Channel	Frequency (MHz)	32688	32724	32768
10M	MCS Index	Channel	Frequency (MHz)	34602	35051	35400	
BW	SC-FDMA	MCS Index	Channel	Frequency (MHz)	24.71	23.87	23.88

n7 (NCS) Low Mid P-C3												
SW	MCS	RB Size	RB Offset	3.9 MHz	4.0 MHz	High	Max. Toler. (dB)					
100M	CP-OFDM	NCS	Channel	Frequency (MHz)	23.46	23.46	23.30					
				1	1	23.46	23.63	23.52	25			
				1	133	23.46	23.63	23.52	25			
				1	271	23.30	23.43	23.41	25			
				1	509	23.30	23.43	23.41	25			
	CP-OFDM	OPSK	NCS	Channel	Frequency (MHz)	135	0	22.66	22.58	22.34	24	
					1	1	135	0	22.66	22.73	22.58	24
					1	133	0	22.73	22.81	22.63	24	
					1	265	0	22.73	22.81	22.63	24	
					1	500	0	22.73	22.81	22.63	24	
CP-OFDM	16QAM	NCS	Channel	Frequency (MHz)	270	0	22.75	22.55	22.28	24		
				1	1	269	23.55	23.21	22.97	24		
				1	133	23.55	23.21	22.97	24			
				1	265	23.55	23.21	22.97	24			
				1	500	23.55	23.21	22.97	24			
BPSK	NCS	Channel	Frequency (MHz)	64535	64535	64536	Turn-on					
			1	1	64535	64536	64539	Turn-on				
60M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.55	23.62	23.40	25			
				1	1	23.55	23.62	23.52	24			
60M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.62	23.62	23.62	Turn-on			
				1	1	23.62	23.62	23.62	Turn-on			
60M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.62	23.70	23.40	25			
				1	1	23.62	23.70	23.40	25			
40M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.68	23.78	23.45	25			
				1	1	23.68	23.78	23.45	25			
30M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.68	23.78	23.45	Turn-on			
				1	1	23.68	23.70	23.43	25			
20M	CP-OFDM	NCS	Channel	Frequency (MHz)	1	23.74	23.82	23.45	Turn-on			
				1	1	23.81	23.85	23.45	25			

n7 (S30 30 Hz) PC2							
BW	MCS Index	RB Size	RB Offset	1920		Max. T- up (dB)	
		Channel	Frequency (MHz)	3500.01		(dBm)	
100M	OFDM-QPSK	1	1	24.48		25.5	
		1	1	24.48		25.5	
		1	271	24.48		25.5	
		137	0	22.26		23.5	
		137	60	24.03		23.5	
			137	130	22.78		23.5
	OFDM-QPSK	273	0	22.26		23.5	
	OFDM-QPSK	1	1	24.48		24.5	
	OFDM-QPSK	1	1	24.79		25.5	
	OFDM-QPSK	1	1	18.75		20	
50M	MCS Index	Channel	32680	32680.01	3180	Max. T- up (dB)	
		Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
	MCS Index	32680	32680.01	3180	Max. T- up (dB)		
	Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)		
	1	1	24.30	24.1	25.5		
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
20M	MCS Index	Channel	32320	32320.01	30320	Max. T- up (dB)	
		Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
	MCS Index	32680	32680.01	3180	Max. T- up (dB)		
	Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)		
	1	1	24.30	24.1	25.5		
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
10M	MCS Index	Channel	32320	32320.01	30320	Max. T- up (dB)	
		Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
	MCS Index	32680	32680.01	3180	Max. T- up (dB)		
	Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)		
	1	1	24.30	24.1	25.5		
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
5M	MCS Index	Channel	32320	32320.01	30320	Max. T- up (dB)	
		Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
		1	1	24.30	24.1	25.5	
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	
	MCS Index	32680	32680.01	3180	Max. T- up (dB)		
	Frequency (MHz)	3468.02	3500.01	3180	Max. T- up (dB)		
	1	1	24.30	24.1	25.5		
	OFDM-QPSK	Channel	32320	32320.01	30320	Max. T- up (dB)	

		n7f (SCS 30 kHz) PC2						
BS	MCS Index	RB Size	Channel	Low	Mid	High	Max. Throughput (Mbps)	
		Frequency (MHz)		2400	3600	4800		
100M	QPSK	1	1	2400	2433	2393	25.5	
	CP-OFDM	137	1	2445	2445	2445	25.5	
		1	2211	2443	2336	2378	25.5	
		137	0	2275	2284	2358	23.5	
	CP-OFDM	137	0	2426	2426	2426	25.5	
		137	130	2274	2235	2223	23.5	
		273	0	2278	2246	2226	23.5	
	CP-OFDM	1	1	2382	2333	2313	24.5	
	CP-OFDM	1	1	2226	2229	2168	21.5	
	CP-OFDM	1	1	1937	1933	1873	20.5	
50M	QPSK	Channel	540328	540328	540328	Max. Throughput (Mbps)		
	CP-OFDM	Channel	536851	536851	536851	25.5		
	CP-OFDM	1	1	2633	2422	2382	25.5	
	CP-OFDM	1	2738	2738	2738	25.5		
		1	2738	2738	2738	25.5		
		1	2443	2424	2395	25.5		
	50M	QPSK	Channel	648200	636000	648000	Max. Throughput (Mbps)	
		CP-OFDM	Channel	6228	6228	6228	25.5	
		CP-OFDM	1	1	2443	2439	2382	25.5
		25M	QPSK	Channel	547668	536000	543332	Max. Throughput (Mbps)
CP-OFDM			Channel	531245	5300	566104	25.5	
CP-OFDM			1	1	2430	2390	2335	25.5
CP-OFDM			1	537333	537333	537333	25.5	
			1	537333	537333	537333	25.5	
			1	23281	2346	2331	23.88	

		nB (SCS 30 kHz)		PC3		
BS	MCS Index	Channel	SCS	MCS	Max. Throughput (Mbps)	
100M	CP-OFDM	Frequency (MHz)	1	3000.61	25	
		1	22.81	25		
		1	23.7	25		
		1	27.1	26		
		1	29.89	26		
	DFT-S-SS	Frequency (MHz)	137	20	24	
		137	68	24		
		137	136	24		
		272	0	24		
		272	0	24		
CP-OFDM	Frequency (MHz)	1	1	22.16	23	
	1	1	22.16	23		
	1	1	19.04	20		
	1	1	19.04	20		
	1	1	19.04	20		
50M	CP-OFDM	Frequency (MHz)	63200	63334	53668	Max. Throughput
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
	DFT-S-SS	Frequency (MHz)	3160	3161	3161	Max. Throughput
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
20M	CP-OFDM	Frequency (MHz)	1	23.81	23.76	23
		1	23.7	23.6	23	
		1	23.7	23.6	23	
		1	23.81	23.76	23	
		1	23.81	23.76	23	
	DFT-S-SS	Frequency (MHz)	1	23.81	23.76	23
		1	23.81	23.76	23	
		1	23.81	23.76	23	
		1	23.81	23.76	23	
		1	23.81	23.76	23	
10M	CP-OFDM	Frequency (MHz)	63200	63334	53668	Max. Throughput
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
		63200	63334	53668	Max. Throughput	
	DFT-S-SS	Frequency (MHz)	3160	3161	3161	Max. Throughput
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
		3160	3161	3161	Max. Throughput	
5M	CP-OFDM	Frequency (MHz)	1	23.70	23.64	23
		1	23.70	23.64	23	
		1	23.70	23.64	23	
		1	23.70	23.64	23	
		1	23.70	23.64	23	
	DFT-S-SS	Frequency (MHz)	1	23.70	23.64	23
		1	23.70	23.64	23	
		1	23.70	23.64	23	
		1	23.70	23.64	23	
		1	23.70	23.64	23	

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Reduced Power for Head_Antenna 2

[illegible]

ID	Module	LTE Band 7									
		Reference	Frequency Channel	Band	Start	End	Power	Power	Power	Power	Power
		Frequency (MHz)	Band	Start	End	Power	Power	Power	Power	Power	Power
2300	QPSK	1	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		2	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		3	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		4	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		5	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		6	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		7	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		8	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		9	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		10	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
2300	QPSK	1	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		2	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		3	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		4	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		5	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		6	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		7	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		8	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		9	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		10	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
2300	QPSK	1	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		2	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		3	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		4	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		5	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		6	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		7	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		8	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		9	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		10	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
2300	QPSK	1	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		2	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		3	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		4	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28
		5	501	10.40	10.34	10.28	1	1.28	1.28	1.28	1.28

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n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM P/2 BPSK	1	1	13.01	12.91	13.07	14
		1	53	12.81	12.79	12.77	14
		1	104	12.99	12.86	13.07	14
		50	0	13.09	12.86	12.94	14
		50	28	13.04	13.10	13.09	14
		50	56	13.08	12.90	13.13	14
		100	0	13.11	13.11	13.00	14
	DFT-s-OFDM QPSK	1	1	13.19	13.15	13.29	14
		1	53	13.17	13.07	13.15	14
		1	104	13.04	13.13	12.88	14
		50	0	12.80	13.15	13.16	14
		50	28	13.05	13.19	13.24	14
		50	56	12.87	13.18	13.14	14
		100	0	13.02	13.13	13.14	14
	DFT-s-OFDM 16QAM	1	1	13.05	13.10	13.05	14
	DFT-s-OFDM 64QAM	1	1	11.48	11.65	11.54	13
	DFT-s-OFDM 256QAM	1	1	9.65	9.41	9.43	11
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	13.00	12.94	13.26	14
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	12.96	12.91	13.28	14
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	13.00	13.02	13.18	14

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM P/2 BPSK	1	1	12.82	12.86	12.93	13.5
		1	80	12.81	12.93	12.79	13.5
		1	158	12.76	12.79	12.78	13.5
		80	0	12.73	12.82	12.90	13.5
		80	40	12.83	12.94	12.71	13.5
		80	80	12.92	12.82	12.78	13.5
		160	0	12.73	12.94	12.85	13.5
	DFT-s-OFDM QPSK	1	1	12.76	12.99	12.95	13.5
		1	80	12.64	12.74	12.65	13.5
		1	158	12.70	12.76	12.64	13.5
		80	0	12.86	12.94	12.79	13.5
		80	40	12.77	12.83	12.72	13.5
		80	80	12.83	12.88	12.77	13.5
		160	0	12.75	12.81	12.78	13.5
	DFT-s-OFDM 16QAM	1	1	12.65	12.72	12.71	13.5
	DFT-s-OFDM 64QAM	1	1	11.28	11.46	11.42	12.5
	DFT-s-OFDM 256QAM	1	1	9.35	9.56	9.51	10.5
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	12.62	12.96	12.80	13.5
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	12.54	12.94	12.86	13.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	12.59	12.91	12.93	13.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	12.60	12.92	12.80	13.5

n41 (SCS 30 kHz) PC3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM P/2 BPSK	1	1	19.01	19.33	19.15	20
		1	137	18.88	19.23	18.91	20
		1	271	18.83	19.03	18.80	20
		135	0	18.71	19.00	18.84	20
		135	69	18.70	18.86	18.76	20
		135	138	18.80	18.80	18.70	20
		270	0	18.92	18.95	18.86	20
	DFT-s-OFDM QPSK	1	1	19.13	19.37	19.15	20
		1	137	18.79	19.16	19.03	20
		1	271	18.74	18.89	18.88	20
		135	0	18.77	18.90	18.85	20
		135	69	18.57	19.09	18.92	20
		135	138	18.66	18.84	18.64	20
		270	0	18.73	18.75	18.68	20
	DFT-s-OFDM 16QAM	1	1	18.62	19.18	18.98	20
	DFT-s-OFDM 64QAM	1	1	18.81	19.09	19.07	20
	DFT-s-OFDM 256QAM	1	1	16.99	17.35	17.10	18
BW	MCS Index	Channel		508200	518598	528998	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.12	19.29	19.12	20
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.01	19.36	19.01	20
BW	MCS Index	Channel		505202	518598	531000	Max. Tune-up
		Frequency (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	18.98	19.36	19.09	20
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.06	19.24	19.13	20
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.12	19.33	19.11	20
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.12	19.24	19.11	20
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.05	19.24	19.04	20
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	18.99	19.25	19.11	20

n41 (SCS 30 kHz) PC2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM P/2 BPSK	1	1	21.23	21.19	21.25	22.5
		1	137	21.20	21.17	21.31	22.5
		1	271	21.05	21.17	20.87	22.5
		135	0	20.52	20.65	20.40	22.5
		135	69	21.09	21.17	20.96	22.5
		135	138	20.34	20.36	20.29	22.5
		270	0	20.42	20.63	20.43	22.5
	DFT-s-OFDM QPSK	1	1	21.49	21.52	21.42	22.5
		1	137	20.98	21.11	20.96	22.5
		1	271	21.26	21.34	21.12	22.5
		135	0	19.96	20.12	19.97	21.5
		135	69	20.96	20.90	20.85	22.5
		135	138	19.89	20.04	19.99	21.5
		270	0	20.10	20.15	20.05	21.5
	DFT-s-OFDM 16QAM	1	1	20.39	20.47	20.56	21
	DFT-s-OFDM 64QAM	1	1	19.67	19.71	19.56	20
	DFT-s-OFDM 256QAM	1	1	17.43	17.32	17.54	18
BW	MCS Index	Channel		508200	518598	528998	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	21.42	21.43	21.37	22.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	21.35	21.51	21.38	22.5
BW	MCS Index	Channel		505202	518598	531000	Max. Tune-up
		Frequency (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	21.37	21.51	21.29	22.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	21.46	21.42	21.27	22.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	21.38	21.48	21.36	22.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	21.47	21.45	21.33	22.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	21.40	21.42	21.28	22.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	21.39	21.48	21.29	22.5

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n77 (SCS 30 kHz) PC3								
BW	MCS Index	RB Size	RB Offset	Channel	Mid		Max. Tune-up (dBm)	
		Frequency (MHz)						
		3500.01						
100M	DFT-s-OFDM P22 BPSK	1	1	21.05			21.5	
		1	137	20.80			21.5	
		1	271	21.04			21.5	
		135	0	20.90			21.5	
		135	69	20.96			21.5	
		135	138	21.01			21.5	
		270	0	20.87			21.5	
		1	1	21.19			21.5	
	DFT-s-OFDM QPSK	1	137	21.13			21.5	
		1	271	20.74			21.5	
		135	0	20.82			21.5	
		135	69	20.82			21.5	
		135	138	21.01			21.5	
		270	0	20.89			21.5	
		1	1	21.05			21.5	
		DFT-s-OFDM 16QAM	1	1	20.65			21
	DFT-s-OFDM 64QAM	1	1				21	
	DFT-s-OFDM 256QAM	1	1	19.80			20	
	BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
	80M	DFT-s-OFDM QPSK	1	1	21.11	21.15	21.18	21.5
	BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
	60M	DFT-s-OFDM QPSK	1	1	21.09	21.00	21.15	21.5
	BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
	40M	DFT-s-OFDM QPSK	1	1	21.04	21.01	21.15	21.5
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up	
30M	DFT-s-OFDM QPSK	1	1	21.01	21.07	21.10	21.5	
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up	
20M	DFT-s-OFDM QPSK	1	1	21.10	21.03	21.13	21.5	

n77 (SCS 30 kHz) PC3								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel	650000	656000	662000			
100M	DFT-s-OFDM BPSK	Frequency (MHz)		3756	3840	3936		
		1	1	20.69	20.77	21.07	21.5	
		1	137	20.73	20.77	21.20	21.5	
		1	271	20.51	20.56	20.94	21.5	
		135	0	20.74	20.70	21.10	21.5	
		135	69	20.42	20.59	20.91	21.5	
		135	138	20.47	20.62	20.80	21.5	
		270	0	20.69	20.63	20.86	21.5	
	DFT-s-OFDM QPSK	1	1	21.04	21.11	21.54	21.5	
		1	137	20.84	20.84	20.96	21.5	
		1	271	20.67	20.76	21.12	21.5	
		135	0	20.65	20.74	21.10	21.5	
		135	69	20.49	20.66	20.87	21.5	
		135	138	20.53	20.55	20.80	21.5	
		270	0	20.64	20.74	21.02	21.5	
		DFT-s-OFDM 16QAM	1	1	20.73	20.65	21.02	21.5
	1		1	19.94	20.06	20.23	21	
	1		1	19.23	19.27	19.48	20	
	BW		MCS Index	Channel	649334	656000	662666	Max. Tune-up
			MCS Index	Frequency (MHz)	3740.01	3840	3939.99	
	BW		MCS Index	Channel	648668	656000	663332	Max. Tune-up
	BW		MCS Index	Frequency (MHz)	3730.02	3840	3949.98	
	60M		DFT-s-OFDM QPSK	1	1	21.02	20.99	21.51
	BW	MCS Index	Channel	648000	656000	664000	Max. Tune-up	
MCS Index		Frequency (MHz)	3720	3840	3960			
40M	DFT-s-OFDM QPSK	1	1	20.96	21.08	21.44	21.5	
BW	MCS Index	Channel	647668	656000	664332	Max. Tune-up		
	MCS Index	Frequency (MHz)	3715.02	3840	3969.98			
30M	DFT-s-OFDM QPSK	1	1	21.01	21.03	21.44	21.5	
BW	MCS Index	Channel	647334	656000	664666	Max. Tune-up		
	MCS Index	Frequency (MHz)	3715.01	3840	3969.99			
20M	DFT-s-OFDM QPSK	1	1	20.91	21.06	21.47	21.5	

n77 (SCS 30 kHz) PC2								
BW	MCS Index	RB Size		Channel	Mid		Max. Tune-up (dBm)	
		RB Size	RB Offset					
100M	DFT-s-OFDM P22 BPSK	Frequency (MHz)		633334	3500.01	23.03	24	
		1 1						
		1 137			22.96		24	
		1 271			22.91		24	
		135 0			22.35		24	
		135 69			22.99		24	
	DFT-s-OFDM QPSK	135 138			22.52		24	
		270 0			22.50		24	
		1 1			23.31		24	
		1 137			23.03		24	
		1 271			22.90		24	
		135 0			22.08		24	
	DFT-s-OFDM 16QAM	135 69			22.93		24	
		135 138			22.06		24	
		270 0			22.52		24	
		1 1			22.01		24	
DFT-s-OFDM 64QAM	1 1			21.35		23		
	1 1			20.24		21		
80M	MCS Index	Channel		632668	633334	634000	Max. Tune-up	
		Frequency (MHz)		3489.02	3500.01	3510		
	DFT-s-OFDM QPSK	1 1		23.25	23.34	23.33	24	
		MCS Index	Channel		632000	633334	634666	Max. Tune-up
	DFT-s-OFDM QPSK		1 1		23.23	23.24	23.28	24
		MCS Index	Channel		631334	633334	635332	Max. Tune-up
	DFT-s-OFDM QPSK		Frequency (MHz)		3470.01	3500.01	3529.98	
		BW	MCS Index	Channel		631000	633334	635666
	Frequency (MHz)			3465	3500.01	3539.99		
	30M	DFT-s-OFDM QPSK	1 1		23.11	23.32	23.18	24
			MCS Index	Channel		630668	633334	636000
	BW	MCS Index		Channel		630000	633334	636666
			Frequency (MHz)		3460.02	3500.01	3540	
	20M	DFT-s-OFDM QPSK	1 1		23.22	23.27	23.25	24

n77 (SCS 30 kHz) PC2								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel			650000	656000		662000
100M	DFT-s-OFDM BPSK	Frequency (MHz)			23.29	23.44	23.08	
		1	1	1	23.29	23.44	23.08	
		1	137	22.97	23.25	22.71	24	
		1	271	22.79	22.86	22.45	24	
		135	0	22.49	23.25	22.83	24	
		135	69	22.95	23.43	22.83	24	
		135	138	22.26	22.99	22.39	24	
	DFT-s-OFDM QPSK	270	0	22.29	23.00	22.37	24	
		1	1	22.28	22.83	22.41	24	
		1	137	22.95	23.57	23.03	24	
		1	271	22.92	23.15	22.52	24	
		135	0	22.18	23.51	22.93	24	
		135	69	23.14	23.62	22.99	24	
		135	138	22.03	23.13	22.58	24	
	DFT-s-OFDM 16QAM	270	0	22.17	23.35	22.78	24	
1		1	22.58	23.04	22.59	24		
1		1	21.40	22.14	21.67	23		
DFT-s-OFDM 64QAM	1	1					23	
DFT-s-OFDM 256QAM	1	1	20.53	20.82	20.30	21		
80M	MCS Index	Channel			649334	656000	662666	Max. Tune-up
		Frequency (MHz)			3740.01	3840	3939.99	
	DFT-s-OFDM QPSK	1	1	23.26	23.73	23.36	24	
		MCS Index	Channel			648668	656000	663332
	Frequency (MHz)			3730.02	3840	3949.98		
	DFT-s-OFDM QPSK	1	1	23.26	23.78	23.37	24	
		MCS Index	Channel			648000	656000	664000
	Frequency (MHz)			3720	3840	3960		
	40M	DFT-s-OFDM QPSK	1	1	23.15	23.68	23.40	24
			MCS Index	Channel			647668	656000
	Frequency (MHz)			3715.02	3840	3969.98		
	30M	DFT-s-OFDM QPSK	1	1	23.15	23.71	23.29	24
			MCS Index	Channel			647334	656000
	Frequency (MHz)			3710.01	3840	3969.99		
	20M	DFT-s-OFDM QPSK	1	1	23.24	23.70	23.38	24

n78 (SCS 30 kHz) PC3							
BW	MCS Index	RB Size		Channel	Mid		Max. Tune-up (dBm)
		RB Size	RB Offset				
100M	DFT-s-OFDM P22 BPSK	1		1	633334	21.20	21.5
		1		137	21.21	21.15	21.5
		1		271	20.93	21.07	21.5
		135		0	21.07	20.92	21.5
		135		69	20.92	20.88	21.5
		135		138	20.88	20.87	21.5
		270		0	20.87	21.30	21.5
		1		1	21.30	21.13	21.5
		1		137	21.13	20.80	21.5
		1		271	20.80	21.13	21.5
	DFT-s-OFDM P22 QPSK	135		0	21.07	20.89	21.5
		135		69	21.00	20.89	21.5
		135		138	20.89	20.95	21.5
		270		0	20.95	21.23	21.5
		1		1	21.23	20.60	21.5
		1		1	20.60	21.32	20
		1		1	19.32		
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
50M	DFT-s-OFDM QPSK	1	1	21.28	21.09	21.15	21.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3486.02	3500.01	3515	
80M	DFT-s-OFDM QPSK	1	1	21.17	20.95	21.04	21.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3486.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	21.22	21.07	21.00	21.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3485	3500.01	3515.99	
60M	DFT-s-OFDM QPSK	1	1	21.15	21.00	21.17	21.5
BW	MCS Index	Channel		631668	633334	634000	Max. Tune-up
		Frequency (MHz)		3479.02	3500.01	3515	
50M	DFT-s-OFDM QPSK	1	1	21.13	20.96	21.07	21.5
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	21.16	21.02	21.17	21.5
BW	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30M	DFT-s-OFDM QPSK	1	1	21.21	21.05	21.04	21.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3545	
20M	DFT-s-OFDM QPSK	1	1	21.14	21.04	21.12	21.5

Reduced Power for Head_NR MIMO n77/78(Antenna 1+7), n41(Antenna 0+2)

n41 (SCS 30 kHz) PC3									
BW	MCS Index	RB Size RB Offset		Low	Mid	High			
		Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
100M	CP-OFDM QPSK	1		137	21.57	21.57	22.5		
		1		271	21.60	21.99	21.88		
		137		0	20.99	20.96	21.09		
		137		60	21.51	21.79	21.93		
		137		136	20.58	21.06	20.96		
	CP-OFDM 16QAM	273		0	20.90	20.89	20.95		
		1		1	20.99	21.76	20.90		
		1		1	20.90	20.26	20.39		
		1		1	17.22	17.12	17.25		
		1		1	17.22	17.12	17.25		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
80M	CP-OFDM QPSK	1		1	21.87	21.91	22.00		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
80M	CP-OFDM QPSK	1		1	21.85	21.92	22.04		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
70M	CP-OFDM 16QAM	1		1	21.84	21.97	21.95		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	21.97	21.99	22.09		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	21.90	21.94	21.95		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
50M	CP-OFDM QPSK	1		1	21.92	21.87	22.09		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
40M	CP-OFDM QPSK	1		1	21.84	21.91	22.02		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
30M	CP-OFDM QPSK	1		1	21.90	21.94	21.95		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
20M	CP-OFDM QPSK	1		1	21.98	21.87	21.98		

n77 (SCS 30 kHz) PC2									
BW	MCS Index	RB Size RB Offset		Low	Mid	High			
		Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
100M	CP-OFDM QPSK	1		137	21.57	21.57	22.5		
		1		271	21.51	21.51	22.5		
		137		0	19.53	19.53	20.5		
		137		60	21.02	21.02	22.5		
		137		136	19.05	19.05	20.5		
	CP-OFDM 16QAM	273		0	19.86	19.86	20.5		
		1		1	20.31	20.31	21.5		
		1		1	19.96	19.96	20.5		
		1		1	19.09	19.09	17		
		1		1	19.09	19.09	17		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
80M	CP-OFDM QPSK	1		1	21.53	21.33	21.00		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	21.53	21.27	20.97		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
40M	CP-OFDM QPSK	1		1	21.53	21.35	20.95		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
30M	CP-OFDM QPSK	1		1	21.53	21.41	20.91		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
20M	CP-OFDM QPSK	1		1	21.51	21.38	20.96		

n41 (SCS 30 kHz) PC2									
BW	MCS Index	RB Size RB Offset		Low	Mid	High			
		Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
100M	CP-OFDM QPSK	1		137	22.07	22.76	22.93		
		1		271	22.07	22.76	22.93		
		137		0	20.94	20.76	21.00		
		137		60	22.36	22.47	22.65		
		137		136	20.71	21.21	20.88		
	CP-OFDM 16QAM	273		0	20.88	20.82	21.05		
		1		1	20.87	21.50	21.62		
		1		1	20.75	20.71	20.74		
		1		1	17.31	17.23	17.15		
		1		1	17.31	17.23	17.15		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
80M	CP-OFDM QPSK	1		1	22.52	22.74	22.79		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	22.61	22.71	22.89		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
70M	CP-OFDM 16QAM	1		1	22.63	22.74	22.78		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	22.52	22.66	22.84		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
50M	CP-OFDM QPSK	1		1	22.63	22.75	22.81		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
40M	CP-OFDM QPSK	1		1	22.59	22.76	22.86		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
30M	CP-OFDM QPSK	1		1	22.59	22.62	22.65		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
20M	CP-OFDM QPSK	1		1	22.58	22.62	22.66		

n77 (SCS 30 kHz) PC2									
BW	MCS Index	RB Size RB Offset		Low	Mid	High			
		Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
100M	CP-OFDM QPSK	1		137	21.50	21.50	22.5		
		1		271	21.48	21.16	21.03		
		137		0	19.85	19.87	19.48		
		137		60	21.43	20.97	21.03		
		137		136	19.84	19.53	19.40		
	CP-OFDM 16QAM	273		0	19.86	19.79	20.27		
		1		1	19.49	19.33	19.91		
		1		1	19.24	19.23	19.83		
		1		1	18.24	18.23	18.83		
		1		1	18.24	18.23	18.83		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
80M	CP-OFDM QPSK	1		1	21.49	21.40	21.80		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
60M	CP-OFDM QPSK	1		1	21.43	21.42	21.71		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
40M	CP-OFDM QPSK	1		1	21.27	21.35	21.80		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
30M	CP-OFDM QPSK	1		1	21.28	21.25	21.75		
BW	MCS Index	Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
20M	CP-OFDM QPSK	1		1	21.21	21.07	21.72		

n77 (SCS 30 kHz) PC3									
BW	MCS Index	RB Size RB Offset		Low	Mid	High			
		Channel		Frequency (MHz)	Power (dBm)	Power (dBm)	Max. Turn-up		
100M	CP-OFDM QPSK	1		137	21.57	21.57	22.5		
		1		271	21.51	21.51	22.5		
		137		0	19.53	19.53	20.5		
		137		60	21.02	21.02	22.5		
		137		136	19.05	19.05	20.5		
	CP-OFDM 16QAM	273		0	19.86	19.86	20.5		
		1		1	20.31	20.31	21.5		

Reduced Power for Body_Antenna 0

Set	Scenario	100 Base									
		Min	Max	Mean	Std	Min	Max	Mean	Std	Min	Max
L100	Q100	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q200	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q300	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q400	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
Set	Scenario	Min	Max	Mean	Std	Min	Max	Mean	Std	Min	Max
L200	Q100	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q200	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q300	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q400	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
Set	Scenario	Min	Max	Mean	Std	Min	Max	Mean	Std	Min	Max
L300	Q100	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q200	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q300	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
	Q400	1	1	1	0.000	1	1	1	0.000	1	1
		2	2	2	0.000	2	2	2	0.000	2	2
		3	3	3	0.000	3	3	3	0.000	3	3
		4	4	4	0.000	4	4	4	0.000	4	4
		5	5	5	0.000	5	5	5	0.000	5	5
		6	6	6	0.000	6	6	6	0.000	6	6
Set	Scenario	Min	Max	Mean	Std	Min	Max	Mean	Std	Min	Max

ID	Age	Sex	10k Run (sec)						Max HR (b/min)	Max Power (W)	Max Speed (m/s)	Max Force (N)	Max Torque (Nm)	Max Energy (J)
			Time	Distance (km)	Avg Speed (m/s)	Avg Power (W)	Avg Force (N)	Avg Torque (Nm)						
G1	18	M	100	10	10.0	1000	1000	1000	180	1000	10.0	1000	1000	10000
			105	10.5	10.0	1050	1050	1050	185	1050	10.5	1050	1050	10500
			110	11.0	10.0	1100	1100	1100	190	1100	11.0	1100	1100	11000
			115	11.5	10.0	1150	1150	1150	195	1150	11.5	1150	1150	11500
	20	M	120	12.0	10.0	1200	1200	1200	200	1200	12.0	1200	1200	12000
			125	12.5	10.0	1250	1250	1250	205	1250	12.5	1250	1250	12500
			130	13.0	10.0	1300	1300	1300	210	1300	13.0	1300	1300	13000
			135	13.5	10.0	1350	1350	1350	215	1350	13.5	1350	1350	13500
	22	M	140	14.0	10.0	1400	1400	1400	220	1400	14.0	1400	1400	14000
			145	14.5	10.0	1450	1450	1450	225	1450	14.5	1450	1450	14500
			150	15.0	10.0	1500	1500	1500	230	1500	15.0	1500	1500	15000
			155	15.5	10.0	1550	1550	1550	235	1550	15.5	1550	1550	15500
G2	18	F	100	10	10.0	800	800	800	160	800	10.0	800	800	8000
			105	10.5	10.0	850	850	850	165	850	10.5	850	850	8500
			110	11.0	10.0	900	900	900	170	900	11.0	900	900	9000
			115	11.5	10.0	950	950	950	175	950	11.5	950	950	9500
	20	F	120	12.0	10.0	1000	1000	1000	180	1000	12.0	1000	1000	10000
			125	12.5	10.0	1050	1050	1050	185	1050	12.5	1050	1050	10500
			130	13.0	10.0	1100	1100	1100	190	1100	13.0	1100	1100	11000
			135	13.5	10.0	1150	1150	1150	195	1150	13.5	1150	1150	11500
	22	F	140	14.0	10.0	1200	1200	1200	200	1200	14.0	1200	1200	12000
			145	14.5	10.0	1250	1250	1250	205	1250	14.5	1250	1250	12500
			150	15.0	10.0	1300	1300	1300	210	1300	15.0	1300	1300	13000
			155	15.5	10.0	1350	1350	1350	215	1350	15.5	1350	1350	13500
G3	18	M	100	10	10.0	1100	1100	1100	190	1100	10.0	1100	1100	11000
			105	10.5	10.0	1150	1150	1150	195	1150	10.5	1150	1150	11500
			110	11.0	10.0	1200	1200	1200	200	1200	11.0	1200	1200	12000
G4	18	F	100	10	10.0	700	700	700	150	700	10.0	700	700	7000
			105	10.5	10.0	750	750	750	155	750	10.5	750	750	7500
			110	11.0	10.0	800	800	800	160	800	11.0	800	800	8000
			115	11.5	10.0	850	850	850	165	850	11.5	850	850	8500
	20	F	120	12.0	10.0	900	900	900	170	900	12.0	900	900	9000
			125	12.5	10.0	950	950	950	175	950	12.5	950	950	9500
			130	13.0	10.0	1000	1000	1000	180	1000	13.0	1000	1000	10000
			135	13.5	10.0	1050	1050	1050	185	1050	13.5	1050	1050	10500
	22	F	140	14.0	10.0	1100	1100	1100	190	1100	14.0	1100	1100	11000
			145	14.5	10.0	1150	1150	1150	195	1150	14.5	1150	1150	11500
			150	15.0	10.0	1200	1200	1200	200	1200	15.0	1200	1200	12000
			155	15.5	10.0	1250	1250	1250	205	1250	15.5	1250	1250	12500
G5	18	M	100	10	10.0	1200	1200	1200	200	1200	10.0	1200	1200	12000
			105	10.5	10.0	1250	1250	1250	205	1250	10.5	1250	1250	12500
			110	11.0	10.0	1300	1300	1300	210	1300	11.0	1300	1300	13000
			115	11.5	10.0	1350	1350	1350	215	1350	11.5	1350	1350	13500
	20	M	120	12.0	10.0	1400	1400	1400	220	1400	12.0	1400	1400	14000
			125	12.5	10.0	1450	1450	1450	225	1450	12.5	1450	1450	14500
			130	13.0	10.0	1500	1500	1500	230	1500	13.0	1500	1500	15000
			135	13.5	10.0	1550	1550	1550	235	1550	13.5	1550	1550	15500
	22	M	140	14.0	10.0	1600	1600	1600	240	1600	14.0	1600	1600	16000
			145	14.5	10.0	1650	1650	1650	245	1650	14.5	1650	1650	16500
			150	15.0	10.0	1700	1700	1700	250	1700	15.0	1700	1700	17000
			155	15.5	10.0	1750	1750	1750	255	1750	15.5	1750	1750	17500

[illegible]

		1.00 Group 10					
Year	Week	1.0000		1.0000		1.0000	
		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2019	Q1-20	1	1	1	1	1	1
		2	1	1	1	1	1
		3	1	1	1	1	1
		4	1	1	1	1	1
	Q2-20	5	1	1	1	1	1
		6	1	1	1	1	1
		7	1	1	1	1	1
		8	1	1	1	1	1
	Q3-20	9	1	1	1	1	1
		10	1	1	1	1	1
		11	1	1	1	1	1
		12	1	1	1	1	1
Q4-20	13	1	1	1	1	1	
	14	1	1	1	1	1	
	15	1	1	1	1	1	
	16	1	1	1	1	1	
2020	Q1-20	17	1	1	1	1	1
		18	1	1	1	1	1
		19	1	1	1	1	1
		20	1	1	1	1	1
	Q2-20	21	1	1	1	1	1
		22	1	1	1	1	1
		23	1	1	1	1	1
		24	1	1	1	1	1
	Q3-20	25	1	1	1	1	1
		26	1	1	1	1	1
		27	1	1	1	1	1
		28	1	1	1	1	1
Q4-20	29	1	1	1	1	1	
	30	1	1	1	1	1	
	31	1	1	1	1	1	
	32	1	1	1	1	1	
2021	Q1-21	33	1	1	1	1	1
		34	1	1	1	1	1
		35	1	1	1	1	1
		36	1	1	1	1	1
	Q2-21	37	1	1	1	1	1
		38	1	1	1	1	1
		39	1	1	1	1	1
		40	1	1	1	1	1
	Q3-21	41	1	1	1	1	1
		42	1	1	1	1	1
		43	1	1	1	1	1
		44	1	1	1	1	1
Q4-21	45	1	1	1	1	1	
	46	1	1	1	1	1	
	47	1	1	1	1	1	
	48	1	1	1	1	1	

[illegible]

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM Pi/2 BPSK	1	1	22.25	22.23	22.15	23
		1	80	22.11	22.19	22.09	23
		1	158	22.11	22.22	22.03	23
		80	0	22.07	22.27	22.26	23
		80	40	22.20	22.25	22.06	23
		80	80	22.32	22.20	22.19	23
		160	0	22.22	22.33	22.25	23
	DFT-s-OFDM QPSK	1	1	22.15	22.42	22.34	23
		1	80	22.09	22.14	22.06	23
		1	158	22.07	22.23	21.99	23
		80	0	22.21	22.30	22.19	23
		80	40	22.16	22.22	22.07	23
		80	80	22.15	22.28	22.16	23
		160	0	22.15	22.27	22.23	23
	DFT-s-OFDM 16QAM	1	1	21.97	22.13	22.08	23
	DFT-s-OFDM 64QAM	1	1	20.71	20.81	20.76	22
	DFT-s-OFDM 256QAM	1	1	18.86	18.95	19.00	20
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	22.03	22.28	22.25	23
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	22.14	22.29	22.27	23
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	22.06	22.27	22.23	23
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	22.14	22.35	22.21	23

UL CA Reduced Power for Body_Antenna 0

CA_2C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
18700	1860	18898	1879.8	QPSK	1	99	1	0	1	21.14
				16QAM	1	99	1	0	1	20.18
				64QAM	1	99	1	0	1	19.22
				256QAM	1	99	1	0	1	16.22
18801	1870.1	18999	1889.9	QPSK	1	99	1	0	1	21.08
				16QAM	1	99	1	0	1	20.14
				64QAM	1	99	1	0	1	19.11
				256QAM	1	99	1	0	1	16.05
18902	1880.2	19100	1900	QPSK	1	99	1	0	1	21.03
				16QAM	1	99	1	0	1	19.97
				64QAM	1	99	1	0	1	19.06
				256QAM	1	99	1	0	1	15.98

CA_7C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	1	21.73
				16QAM	1	99	1	0	1	20.92
				64QAM	1	99	1	0	1	20.07
				256QAM	1	99	1	0	1	17.09
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	1	21.64
				16QAM	1	99	1	0	1	20.84
				64QAM	1	99	1	0	1	20.10
				256QAM	1	99	1	0	1	16.90
21152	2540.2	21350	2560	QPSK	1	99	1	0	1	21.56
				16QAM	1	99	1	0	1	20.92
				64QAM	1	99	1	0	1	20.06
				256QAM	1	99	1	0	1	16.94

CA_66B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
132022	1715	132121	1724.9	QPSK	1	49	1	0	1	19.73
				16QAM	1	49	1	0	1	19.08
				64QAM	1	49	1	0	1	18.51
				256QAM	1	49	1	0	1	15.37
132373	1750.1	132472	1760	QPSK	1	49	1	0	1	19.60
				16QAM	1	49	1	0	1	18.79
				64QAM	1	49	1	0	1	18.37
				256QAM	1	49	1	0	1	15.22
132523	1765.1	132622	1775	QPSK	1	49	1	0	1	19.82
				16QAM	1	49	1	0	1	19.09
				64QAM	1	49	1	0	1	18.58
				256QAM	1	49	1	0	1	15.47

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
132072	1720	132270	1739.8	QPSK	1	99	1	0	1	19.54
				16QAM	1	99	1	0	1	18.86
				64QAM	1	99	1	0	1	18.32
				256QAM	1	99	1	0	1	15.15
132323	1745.1	132521	1764.9	QPSK	1	99	1	0	1	19.75
				16QAM	1	99	1	0	1	18.95
				64QAM	1	99	1	0	1	18.49
				256QAM	1	99	1	0	1	15.53
132374	1750.2	132572	1770	QPSK	1	99	1	0	1	19.78
				16QAM	1	99	1	0	1	19.01
				64QAM	1	99	1	0	1	17.58
				256QAM	1	99	1	0	1	14.47

Reduced Power for Body_Antenna 2

[illegible]

LTE Band 30									
BS	Modulation	BS EUTRA		BS EUTRA		BS EUTRA		BS EUTRA	BS EUTRA
		Channel		Channel		Channel			
		Frequency (MHz)		Frequency (MHz)		Frequency (MHz)			
GSM	GSM	1	214	1	214	1	214	1	214
		1	469	1	469	1	469	1	469
		1	938	1	938	1	938	1	938
		1	1407	1	1407	1	1407	1	1407
	GSM	1	1876	1	1876	1	1876	1	1876
		1	2345	1	2345	1	2345	1	2345
		1	2814	1	2814	1	2814	1	2814
		1	3283	1	3283	1	3283	1	3283
	GSM	1	3752	1	3752	1	3752	1	3752
		1	4221	1	4221	1	4221	1	4221
		1	4690	1	4690	1	4690	1	4690
		1	5159	1	5159	1	5159	1	5159
GSM	GSM	1	5628	1	5628	1	5628	1	5628
		1	6097	1	6097	1	6097	1	6097
		1	6566	1	6566	1	6566	1	6566
		1	7035	1	7035	1	7035	1	7035
	GSM	1	7504	1	7504	1	7504	1	7504
		1	7973	1	7973	1	7973	1	7973
		1	8442	1	8442	1	8442	1	8442
		1	8911	1	8911	1	8911	1	8911
	GSM	1	9380	1	9380	1	9380	1	9380
		1	9849	1	9849	1	9849	1	9849
		1	10318	1	10318	1	10318	1	10318
		1	10787	1	10787	1	10787	1	10787
GSM	GSM	1	11256	1	11256	1	11256	1	11256
		1	11725	1	11725	1	11725	1	11725
		1	12194	1	12194	1	12194	1	12194
		1	12663	1	12663	1	12663	1	12663
	GSM	1	13132	1	13132	1	13132	1	13132
		1	13601	1	13601	1	13601	1	13601
		1	14070	1	14070	1	14070	1	14070
		1	14539	1	14539	1	14539	1	14539
	GSM	1	15008	1	15008	1	15008	1	15008
		1	15477	1	15477	1	15477	1	15477
		1	15946	1	15946	1	15946	1	15946
		1	16415	1	16415	1	16415	1	16415

RF	Modulation	LTE Bands										Max. Tx Power (dBm)	Max. Rx Sens. (dBm)
		Band	FDD (MHz)	TDD (MHz)	Channel BW (MHz)	SCS (kHz)	Bandwidth (MHz)	Carrier Freq. (MHz)	SCS (kHz)	Bandwidth (MHz)	Carrier Freq. (MHz)		
		Channel BW (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)		
20M	QPSK	1	800	1710.04	15.74	15	18.75	806.01	15.75	18.75	812.01	18	118
		1	800	1580.00	15.73	15.00	18.75	806.01	15.75	18.75	812.01	18	118
		1	800	1530.00	15.73	15.00	18.75	806.01	15.75	18.75	812.01	18	118
		1	800	230.15	15.83	15.00	18.75	236.15	15.83	18.75	242.15	17	117
		1	800	1430.00	15.73	15.00	18.75	1436.01	15.75	18.75	1442.01	17	117
		1	800	0	15.73	15.00	18.75	0	15.75	18.75	0	17	117
		1	800	1580.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	1530.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	230.15	15.82	15.00	18.75	236.15	15.83	18.75	242.15	17	117
		1	800	1430.00	15.72	15.00	18.75	1436.01	15.75	18.75	1442.01	17	117
20M	QPSK	1	800	1580.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	1530.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	230.15	15.82	15.00	18.75	236.15	15.83	18.75	242.15	17	117
		1	800	1430.00	15.72	15.00	18.75	1436.01	15.75	18.75	1442.01	17	117
		1	800	0	15.73	15.00	18.75	0	15.75	18.75	0	17	117
		1	800	1580.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	1530.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	230.15	15.82	15.00	18.75	236.15	15.83	18.75	242.15	17	117
		1	800	1430.00	15.72	15.00	18.75	1436.01	15.75	18.75	1442.01	17	117
		1	800	0	15.73	15.00	18.75	0	15.75	18.75	0	17	117
20M	QPSK	1	800	1580.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	1530.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	230.15	15.82	15.00	18.75	236.15	15.83	18.75	242.15	17	117
		1	800	1430.00	15.72	15.00	18.75	1436.01	15.75	18.75	1442.01	17	117
		1	800	0	15.73	15.00	18.75	0	15.75	18.75	0	17	117
		1	800	1580.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	1530.00	15.72	15.00	18.75	806.01	15.75	18.75	812.01	18	117
		1	800	230.15	15.82	15.00	18.75	236.15					

n2 (SCS 15 kHz)						
MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
	Channel		372000	376000	380000	
	Frequency (MHz)		1860	1880	1900	
DFT-s-OFDM Pi/2 BPSK	1	1	16.03	15.98	16.00	17
	1	53	15.80	15.80	15.89	17
	1	104	16.00	15.92	16.08	17
	50	0	16.04	15.87	15.89	17
	50	28	16.05	16.17	15.96	17
	50	56	15.98	16.03	16.11	17
	100	0	16.19	16.09	16.04	17
DFT-s-OFDM QPSK	1	1	16.18	16.22	16.28	17
	1	53	16.16	16.07	16.03	17
	1	104	16.10	16.10	15.97	17
	50	0	15.85	16.15	16.03	17
	50	28	16.09	16.19	16.23	17
	50	56	16.04	16.10	16.12	17
	100	0	15.98	16.04	16.11	17
DFT-s-OFDM 16QAM	1	1	15.99	16.18	16.08	17
DFT-s-OFDM 64QAM	1	1	14.54	14.73	14.52	16
DFT-s-OFDM 256QAM	1	1	12.70	12.50	12.50	14
MCS Index	Channel		371500	376000	380500	Max. Tune-up
	Frequency (MHz)		1857.5	1880	1902.5	
DFT-s-OFDM QPSK	1	1	16.10	16.07	16.21	17
MCS Index	Channel		371000	376000	381000	Max. Tune-up
	Frequency (MHz)		1855	1880	1905	
DFT-s-OFDM QPSK	1	1	16.05	16.10	16.27	17
MCS Index	Channel		370500	376000	381500	Max. Tune-up
	Frequency (MHz)		1852.5	1880	1907.5	
DFT-s-OFDM QPSK	1	1	16.12	16.09	16.14	17

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM Pi/2 BPSK	1	1	18.30	18.30	18.31	19
		1	80	18.33	18.43	18.21	19
		1	158	18.18	18.15	18.19	19
		80	0	18.17	18.34	18.25	19
		80	40	18.31	18.32	18.27	19
		80	80	18.34	18.38	18.34	19
		160	0	18.21	18.35	18.39	19
	DFT-s-OFDM QPSK	1	1	18.36	18.47	18.44	19
		1	80	18.12	18.30	18.18	19
		1	158	18.14	18.22	18.17	19
		80	0	18.35	18.38	18.29	19
		80	40	18.18	18.33	18.14	19
		80	80	18.29	18.21	18.26	19
		160	0	18.12	18.38	18.16	19
	DFT-s-OFDM 16QAM	1	1	18.17	18.05	18.14	19
	DFT-s-OFDM 64QAM	1	1	16.71	16.89	16.85	18
	DFT-s-OFDM 256QAM	1	1	14.84	14.99	15.00	16
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	18.28	18.34	18.39	19
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	18.28	18.38	18.38	19
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	18.27	18.45	18.36	19
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	18.35	18.45	18.35	19

2.4GHz WLAN					
Ant 6					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-to-Lock	
802.11a-1Mbps	1	2422	12.00	13.00	
	4	2437	12.00	13.00	
	11	2462	12.21	13.00	
	1	2422	16.41	17.00	
	6	2437	16.61	17.00	
802.11a-1Mbps	11	2462	16.36	17.00	
	1	2422	16.51	18.00	
	6	2437	16.26	18.00	
	11	2462	16.51	18.00	
	1	2422	16.34	19.00	
802.11a-1Mbps	6	2437	16.49	18.00	
	1	2422	16.47	19.00	
	11	2462	16.54	19.00	
	6	2437	16.46	20.00	
	11	2462	16.49	20.00	
802.11a-1Mbps	11	2462	16.49	20.00	
	6	2437	16.46	21.00	
	11	2462	16.49	21.00	
	6	2437	16.46	22.00	
	11	2462	16.49	22.00	

5.2GHz WLAN					
Ant 6					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-to-Lock	
802.11a-1Mbps	36	5200	12.44	13.00	
	40	5205	12.41	13.00	
	44	5210	12.39	13.00	
	48	5215	12.39	13.00	
	52	5220	14.70	13.00	
802.11a-1Mbps	40	5210	14.69	13.00	
	44	5215	14.69	13.00	
	48	5215	14.69	13.00	
	52	5220	14.70	13.00	
	56	5225	14.70	13.00	
802.11a-1Mbps	44	5215	14.69	13.00	
	48	5215	14.69	13.00	
	52	5220	14.70	13.00	
	56	5225	14.70	13.00	
	60	5230	14.70	13.00	
802.11a-1Mbps	48	5215	14.69	13.00	
	52	5220	14.70	13.00	
	56	5225	14.70	13.00	
	60	5230	14.70	13.00	
	64	5235	14.70	13.00	
802.11a-1Mbps	52	5220	14.70	13.00	
	56	5225	14.70	13.00	
	60	5230	14.70	13.00	
	64	5235	14.70	13.00	
	68	5240	14.70	13.00	
802.11a-1Mbps	56	5225	14.70	13.00	
	60	5230	14.70	13.00	
	64	5235	14.70	13.00	
	68	5240	14.70	13.00	
	72	5245	14.70	13.00	
802.11a-1Mbps	60	5230	14.70	13.00	
	64	5235	14.70	13.00	
	68	5240	14.70	13.00	
	72	5245	14.70	13.00	
	76	5250	14.70	13.00	

5.3GHz WLAN					
Ant 6					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-to-Lock	
802.11a-1Mbps	52	5230	12.44	13.00	
	56	5235	12.39	13.00	
	60	5240	12.31	13.00	
	64	5245	12.31	13.00	
	68	5250	14.70	13.00	
802.11a-1Mbps	56	5235	14.69	13.00	
	60	5240	14.69	13.00	
	64	5245	14.69	13.00	
	68	5250	14.70	13.00	
	72	5255	14.70	13.00	
802.11a-1Mbps	60	5240	14.69	13.00	
	64	5245	14.69	13.00	
	68	5250	14.70	13.00	
	72	5255	14.70	13.00	
	76	5260	14.70	13.00	
802.11a-1Mbps	64	5245	14.69	13.00	
	68	5250	14.70	13.00	
	72	5255	14.70	13.00	
	76	5260	14.70	13.00	
	80	5265	14.70	13.00	
802.11a-1Mbps	68	5250	14.69	13.00	
	72	5255	14.69	13.00	
	76	5260	14.69	13.00	
	80	5265	14.69	13.00	
	84	5270	14.70	13.00	
802.11a-1Mbps	72	5255	14.69	13.00	
	76	5260	14.69	13.00	
	80	5265	14.69	13.00	
	84	5270	14.70	13.00	
	88	5275	14.70	13.00	
802.11a-1Mbps	76	5265	14.69	13.00	
	80	5270	14.69	13.00	
	84	5275	14.69	13.00	
	88	5275	14.69	13.00	
	92	5280	14.70	13.00	

5.6GHz WLAN					
Ant 6					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-to-Lock	
802.11a-1Mbps	100	5600	12.36	13.00	
	104	5605	11.92	13.00	
	108	5610	11.90	13.00	
	112	5615	11.89	13.00	
	116	5620	14.70	13.00	
802.11a-1Mbps	104	5615	14.69	13.00	
	108	5620	14.67	13.00	
	112	5625	14.69	13.00	
	116	5630	14.69	13.00	
	120	5635	14.69	13.00	
802.11a-1Mbps	108	5625	14.69	13.00	
	112	5630	14.69	13.00	
	116	5635	14.69	13.00	
	120	5640	14.69	13.00	
	124	5645	14.69	13.00	
802.11a-1Mbps	112	5635	14.69	13.00	
	116	5640	14.69	13.00	
	120	5645	14.69	13.00	
	124	5650	14.69	13.00	
	128	5655	14.69	13.00	
802.11a-1Mbps	116	5645	14.69	13.00	
	120	5650	14.69	13.00	
	124	5655	14.69	13.00	
	128	5660	14.69	13.00	
	132	5665	14.69	13.00	
802.11a-1Mbps	120	5655	14.69	13.00	
	124	5660	14.69	13.00	
	128	5665	14.69	13.00	
	132	5670	14.69	13.00	
	136	5675	14.69	13.00	
802.11a-1Mbps	124	5665	14.69	13.00	
	128	5670	14.69	13.00	
	132	5675	14.69	13.00	
	136	5680	14.69	13.00	
	140	5685	14.69	13.00	
802.11a-1Mbps	128	5675	14.69	13.00	
	132	5680	14.69	13.00	
	136	5685	14.69	13.00	
	140	5690	14.69	13.00	
	144	5695	14.69	13.00	
802.11a-1Mbps	132	5685	14.69	13.00	
	136	5690	14.69	13.00	
	140	5695	14.69	13.00	
	144	5700	14.69	13.00	
	148	5705	14.69	13.00	
802.11a-1Mbps	136	5695	14.69	13.00	
	140	5700	14.69	13.00	
	144	5705	14.69	13.00	
	148	5710	14.69	13.00	
	152	5715	14.69	13.00	
802.11a-1Mbps	140	5715	14.69	13.00	
	144	5720	14.69	13.00	
	148	5725	14.69	13.00	
	152	5730	14.69	13.00	
	156	5735	14.69	13.00	
802.11a-1Mbps	144	5735	14.69	13.00	
	148	5740	14.69	13.00	
	152	5745	14.69	13.00	
	156	5750	14.69	13.00	
	160	5755	14.69	13.00	
802.11a-1Mbps	148	5745	14.69	13.00	
	152	5750	14.69	13.00	
	156	5755	14.69	13.00	
	160	5760	14.69	13.00	
	164	5765	14.69	13.00	
802.11a-1Mbps	152	5755	14.69	13.00	
	156	5760	14.69	13.00	
	160	5765	14.69	13.00	
	164	5770	14.69	13.00	
	168	5775	14.69	13.00	
802.11a-1Mbps	156	5765	14.69	13.00	
	160	5770	14.69	13.00	
	164	5775	14.69	13.00	
	168	5780	14.69	13.00	
	172	5785	14.69	13.00	
802.11a-1Mbps	160	5775	14.69	13.00	
	164	5780	14.69	13.00	
	168	5785	14.69	13.00	
	172	5790	14.69	13.00	
	176	5795	14.69	13.00	
802.11a-1Mbps	164	5785	14.69	13.00	
	168	5790	14.69	13.00	
	172	5795	14.69	13.00	
	176	5800	14.69	13.00	
	180	5805	14.69	13.00	
802.11a-1Mbps	168	5795	14.69	13.00	
	172	5800	14.69	13.00	
	176	5805	14.69	13.00	
	180	5810	14.69	13.00	
	184	5815	14.69	13.00	
802.11a-1Mbps	172	5805	14.69	13.00	
	176	5810	14.69	13.00	
	180	5815	14.69	13.00	
	184	5820	14.69	13.00	
	188	5825	14.69	13.00	
802.11a-1Mbps	176	5815	14.69	13.00	
	180	5820	14.69	13.00	
	184	5825	14.69	13.00	
	188	5830	14.69	13.00	
	192	5835	14.69	13.00	
802.11a-1Mbps	180	5825	14.69	13.00	
	184	5830	14.69	13.00	
	188	5835	14.69	13.00	
	192	5840	14.69	13.00	
	196	5845	14.69	13.00	
802.11a-1Mbps	184	5835	14.69	13.00	
	188	5840	14.69	13.00	
	192	5845	14.69	13.00	
	196	5850	14.69	13.00	



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VERITAS



Appendix E. Photographs of EUT and Setup