

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power Mode

GSM850	Burst-Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)								
GSM 1 Tx slot	32.61	32.65	32.66	33.50	23.61	23.65	23.66	24.50
GPRS 1 Tx slot	32.58	32.61	32.63	33.50	23.58	23.61	23.63	24.50
GPRS 2 Tx slots	30.59	30.73	30.71	31.50	24.59	24.73	24.71	25.50
GPRS 3 Tx slots	28.60	28.63	28.68	29.50	24.34	24.37	24.42	25.24
GPRS 4 Tx slots	26.84	26.71	27.01	27.50	23.84	23.71	24.01	24.50
EDGE 1 Tx slot	26.95	27.03	26.92	27.50	17.95	18.03	17.92	18.50
EDGE 2 Tx slots	24.23	24.22	24.12	25.50	18.23	18.22	18.12	19.50
EDGE 3 Tx slots	22.23	22.18	22.11	23.50	17.97	17.92	17.85	19.24
EDGE 4 Tx slots	20.61	20.65	20.56	21.50	17.61	17.65	17.56	18.50

GSM1900	Burst-Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)								
GSM 1 Tx slot	29.12	29.05	29.12	30.00	20.12	20.05	20.12	21.00
GPRS 1 Tx slot	29.10	29.03	29.03	30.00	20.10	20.03	20.03	21.00
GPRS 2 Tx slots	27.09	27.25	27.17	28.00	21.09	21.25	21.17	22.00
GPRS 3 Tx slots	25.11	25.07	25.06	26.00	20.85	20.81	20.80	21.74
GPRS 4 Tx slots	23.54	23.49	23.69	24.00	20.54	20.49	20.69	21.00
EDGE 1 Tx slot	25.90	25.86	25.82	26.50	16.90	16.86	16.82	17.50
EDGE 2 Tx slots	23.14	23.00	23.21	23.50	17.14	17.00	17.21	17.50
EDGE 3 Tx slots	21.75	21.64	21.77	22.50	17.49	17.38	17.51	18.24
EDGE 4 Tx slots	19.91	19.73	19.94	20.50	16.91	16.73	16.94	17.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
TX Channel	9662	9800	9938		1637	1638	1738		4357	4407	4458	
Rx Channel	1952.4	1950	1907.6		1712.4	1722.6	1752.4		826.4	836.4	846.5	
Frequency (MHz)												
3GPP Rel 99 AMR 12.2Kbps	22.44	22.25	22.34	24.00	22.30	22.15	22.25	24.00	22.70	22.56	22.90	24.00
3GPP Rel 99 RMC 12.2Kbps	22.53	22.32	22.41	24.00	22.32	22.20	22.31	24.00	22.75	22.57	22.59	24.00
3GPP Rel 6 HSDPA Subtest-1	21.34	21.24	21.17	23.00	21.29	21.32	21.13	23.00	21.80	21.67	21.68	23.00
3GPP Rel 6 HSDPA Subtest-2	21.34	21.35	21.26	23.00	21.17	21.17	21.18	23.00	21.84	21.85	21.75	23.00
3GPP Rel 6 HSDPA Subtest-3	20.62	20.84	20.80	22.50	20.54	20.82	20.63	22.50	20.94	21.33	21.25	22.50
3GPP Rel 6 HSDPA Subtest-4	20.70	20.86	20.62	22.50	20.64	20.71	20.56	22.50	21.05	21.30	21.00	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	21.14	21.40	21.39	23.00	21.13	21.36	21.28	23.00	21.60	21.74	21.72	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	21.14	21.38	21.49	23.00	21.12	21.20	21.33	23.00	21.47	21.89	21.92	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	20.80	20.83	21.17	22.50	20.73	20.63	20.98	22.50	21.15	21.32	21.59	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	20.70	20.81	20.94	22.50	20.53	20.62	20.82	22.50	21.08	21.21	21.36	22.50
3GPP Rel 6 HSUPA Subtest-1	21.25	21.23	21.17	23.00	21.24	21.12	21.15	23.00	21.74	21.66	21.51	23.00
3GPP Rel 6 HSUPA Subtest-2	19.19	19.20	19.29	21.00	19.14	19.25	19.21	21.00	19.70	19.55	19.80	21.00
3GPP Rel 6 HSUPA Subtest-3	20.19	20.37	20.29	22.00	20.14	20.18	20.26	22.00	20.63	20.71	20.69	22.00
3GPP Rel 6 HSUPA Subtest-4	19.19	19.31	19.32	21.00	19.00	19.21	19.14	21.00	19.69	19.76	19.70	21.00
3GPP Rel 6 HSUPA Subtest-5	21.20	21.30	21.30	23.00	21.10	21.10	21.00	23.00	21.50	21.60	21.60	23.00

Band 2 (1900MHz Band)									
Part 24E									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)									
20	QPSK	1	0	22.55	22.68	22.81			
20	QPSK	1	49	22.77	22.81	22.67	24	0	
20	QPSK	1	99	22.48	22.58	22.57			
20	QPSK	50	0	21.55	21.77	21.52			
20	QPSK	50	24	21.70	21.74	21.59	23	1	
20	QPSK	50	50	21.73	21.64	21.49			
20	QPSK	100	0	21.56	21.60	21.45			
20	16QAM	1	0	22.20	22.08	22.12			
20	16QAM	1	49	22.22	22.24	22.16	23	1	
20	16QAM	1	99	22.06	22.09	22.01			
20	16QAM	50	0	20.57	20.63	20.58			
20	16QAM	50	24	20.63	20.68	20.64			
20	16QAM	50	50	20.70	20.56	20.42	22	2	
20	16QAM	100	0	20.67	20.64	20.48			
20	64QAM	1	0	20.87	20.63	20.85			
20	64QAM	1	49	21.00	21.01	20.99	22	2	
20	64QAM	1	99	20.86	20.86	20.57			
20	64QAM	50	0	19.56	19.73	19.60			
20	64QAM	50	24	20.11	19.78	19.73	21	3	
20	64QAM	50	50	19.65	19.64	19.82			
20	64QAM	100	0	19.64	19.65	19.64			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	0	22.43	22.46	22.30			
15	QPSK	1	37	22.26	22.69	22.53	24	0	
15	QPSK	1	74	22.35	22.42	22.40			
15	QPSK	36	0	21.33	21.56	21.41			
15	QPSK	36	20	21.66	21.65	21.47	23	1	
15	QPSK	36	39	21.68	21.53	21.40			
15	QPSK	75	0	21.52	21.39	21.41			
15	16QAM	1	0	21.99	21.94	22.00			
15	16QAM	1	37	22.07	22.09	22.00	23	1	
15	16QAM	1	74	22.00	22.05	21.91			
15	16QAM	36	0	20.47	20.48	20.42			
15	16QAM	36	20	20.57	20.56	20.41	22	2	
15	16QAM	36	39	20.57	20.46	20.22			
15	16QAM	75	0	20.57	20.43	20.41			
15	64QAM	1	0	20.65	20.55	20.47			
15	64QAM	1	37	20.64	20.78	20.63	22	2	
15	64QAM	1	74	20.54	20.53	20.34			
15	64QAM	36	0	19.39	19.36	19.37			
15	64QAM	36	20	19.74	19.46	19.42	21	3	
15	64QAM	36	39	19.36	19.33	19.31			
15	64QAM	75	0	19.39	19.25	19.30			
Channel				18550	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	0	22.49	22.50	22.29			
10	QPSK	1	25	22.64	22.58	22.44	24	0	
10	QPSK	1	49	22.33	22.50	22.43			
10	QPSK	25	0	21.44	21.54	21.33			
10	QPSK	25	12	21.51	21.69	21.46	23	1	
10	QPSK	25	25	21.54	21.53	21.32			
10	QPSK	50	0	21.50	21.44	21.43			
10	16QAM	1	0	22.10	21.96	22.00			
10	16QAM	1	25	22.17	22.08	21.98	23	1	
10	16QAM	1	49	21.88	22.02	21.83			
10	16QAM	25	0	20.49	20.53	20.43			
10	16QAM	25	12	20.54	20.53	20.54	22	2	
10	16QAM	25	25	20.64	20.50	20.37			
10	16QAM	50	0	20.54	20.41	20.28			
10	64QAM	1	0	20.55	20.41	20.28			
10	64QAM	1	25	20.72	20.61	20.60	22	2	
10	64QAM	1	49	20.50	20.53	20.27			
10	64QAM	25	0	19.33	19.31	19.27			
10	64QAM	25	12	19.69	19.42	19.46	21	3	
10	64QAM	25	25	19.24	19.27	19.52			
10	64QAM	50	0	19.24	19.23	19.30			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	0	22.44	22.48	22.35			
5	QPSK	1	12	22.65	22.59	22.46	24	0	
5	QPSK	1	24	22.33	22.51	22.46			
5	QPSK	12	0	21.38	21.60	21.45			
5	QPSK	12	7	21.63	21.54	21.57	23	1	
5	QPSK	12	13	21.57	21.44	21.47			
5	QPSK	25	0	21.42	21.56	21.41			
5	16QAM	1	0	22.09	21.92	21.90			
5	16QAM	1	12	22.12	22.08	21.97	23	1	
5	16QAM	1	24	21.91	22.01	21.89			
5	16QAM	12	0	20.41	20.44	20.63			
5	16QAM	12	7	20.55	20.50	20.57	22	2	
5	16QAM	12	13	20.56	20.47	20.36			
5	16QAM	25	0	20.59	20.61	20.30			
5	64QAM	1	0	20.58	20.23	20.53			
5	64QAM	1	12	20.73	20.71	20.59	22	2	
5	64QAM	1	24	20.50	20.56	20.42			
5	64QAM	12	0	19.42	19.50	19.35			
5	64QAM	12	7	19.76	19.41	19.41	21	3	
5	64QAM	12	13	19.42	19.27	19.57			
5	64QAM	25	0	19.29	19.41	19.30			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
3	QPSK	1	0	22.35	22.49	22.39			
3	QPSK	1	8	22.64	22.54	22.63	24	0	
3	QPSK	1	14	22.45	22.40	22.40			
3	QPSK	8	0	21.33	21.58	21.31			
3	QPSK	8	4	21.52	21.51	21.43	23	1	
3	QPSK	8	7	21.69	21.53	21.36			
3	QPSK	15	0	21.48	21.39	21.25			
3	16QAM	1	0	22.00	21.97	22.04			
3	16QAM	1	8	22.06	22.21	22.11	23	1	
3	16QAM	1	14	21.86	22.03	21.83			
3	16QAM	8	0	20.37	20.59	20.45			
3	16QAM	8	4	20.48	20.57	20.55	22	2	
3	16QAM	8	7	20.61	20.46	20.26			
3	16QAM	15	0	20.56	20.46	20.41			
3	64QAM	1	0	20.47	20.35	20.59			
3	64QAM	1	8	20.66	20.68	20.73	22	2	
3	64QAM	1	14	20.35	20.48	20.35			
3	64QAM	8	0	19.37	19.31	19.41			
3	64QAM	8	4	19.70	19.42	19.43	21	3	
3	64QAM	8	7	19.29	19.35	19.47			
3	64QAM	15	0	19.30	19.31	19.27			
Channel				18507	18900	19093	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
1.4	QPSK	1	0	22.38	22.34	22.27			
1.4	QPSK	1	3	22.48	22.47	22.44	24	0	
1.4	QPSK	1	5	22.41	22.35	22.47			
1.4	QPSK	3	0	22.55	22.50	22.50			
1.4	QPSK	3	1	22.53	22.58	22.47	23	1	
1.4	QPSK	3	3	22.56	22.53	22.51			
1.4	QPSK	6	0	21.59	21.60	21.51			
1.4	16QAM	1	0	21.93	21.51	21.82			
1.4	16QAM	1	3	21.85	21.92	21.67	23	1	
1.4	16QAM	1	5	21.98	21.50	21.89			
1.4	16QAM	3	0	21.58	21.54	21.49			
1.4	16QAM	3	1	21.57	21.53	21.45	22	2	
1.4	16QAM	3	3	21.56	21.37	21.56			
1.4	16QAM	6	0	20.65	20.70	20.56			
1.4	64QAM	1	0	20.78	20.74	20.73			
1.4	64QAM	1	3	20.72	21.14	20.99	22	2	
1.4	64QAM	1	5	21.04	20.74	20.66			
1.4	64QAM	3	0	20.59	20.69	20.84			
1.4	64QAM	3	1	20.64	20.76	20.72			
1.4	64QAM	3	3	20.67	20.58	20.48			
1.4	64QAM	6	0	19.86	19.76	19.84	21	3	

Band 4 (AWS Band)									
Part 27L (only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)									
20	QPSK	1	0	22.30	22.27	22.31			
20	QPSK	1	49	22.38	22.37	22.49	24	0	
20	QPSK	1	99	22.23	22.09	22.19			
20	QPSK	50	0	21.57	21.40	21.23			
20	QPSK	50	24	21.38	21.50	21.42	23	1	
20	QPSK	50	50	21.48	21.35	21.27			
20	QPSK	100	0	21.44	21.37	21.29			
20	16QAM	1	0	21.60	21.71	21.86			
20	16QAM	1	49	21.91	21.64	21.55	23	1	
20	16QAM	1	99	21.64	21.49	21.74			
20	16QAM	50	0	20.39	20.52	20.20			

Band 7 (2600MHz Band)									
Part 27									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.62	22.85	22.21	24	0	
20	QPSK	1	49	22.61	22.64	22.56			
20	QPSK	1	99	22.39	22.47	22.45			
20	QPSK	50	0	21.42	21.56	21.50			
20	QPSK	50	24	21.57	21.66	21.66	23	1	
20	QPSK	50	50	21.72	21.73	21.48			
20	QPSK	100	0	21.53	21.68	21.47			
20	16QAM	1	0	21.81	21.71	21.65			
20	16QAM	1	49	21.85	21.85	21.92	23	1	
20	16QAM	1	99	21.87	21.76	21.72			
20	16QAM	50	0	20.57	20.67	20.64			
20	16QAM	50	24	20.72	20.63	20.68			
20	16QAM	50	50	20.78	20.64	20.55	22	2	
20	16QAM	100	0	20.64	20.78	20.53			
20	64QAM	1	0	20.96	20.97	20.90			
20	64QAM	1	49	21.06	21.01	21.06			
20	64QAM	1	99	20.99	21.01	20.98	22	2	
20	64QAM	50	0	19.75	19.81	19.91			
20	64QAM	50	24	19.84	19.95	19.96			
20	64QAM	50	50	19.84	19.87	19.87			
20	64QAM	100	0	19.84	19.90	19.80	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.17	22.12	22.10	24	0	
15	QPSK	1	37	22.50	22.64	22.38			
15	QPSK	1	74	22.32	22.40	22.23			
15	QPSK	36	0	21.32	21.35	21.26			
15	QPSK	36	20	21.38	21.55	21.44	23	1	
15	QPSK	36	39	21.57	21.59	21.40			
15	QPSK	75	0	21.37	21.45	21.38			
15	16QAM	1	0	21.57	21.58	21.51			
15	16QAM	1	37	21.70	21.61	21.85	23	1	
15	16QAM	1	74	21.69	21.69	21.62			
15	16QAM	36	0	20.47	20.59	20.52			
15	16QAM	36	20	20.52	20.46	20.46			
15	16QAM	36	39	20.70	20.54	20.43	22	2	
15	16QAM	75	0	20.56	20.60	20.35			
15	64QAM	1	0	20.89	20.88	20.77			
15	64QAM	1	37	20.90	20.81	20.99			
15	64QAM	1	74	20.78	20.77	20.89	21	3	
15	64QAM	36	0	19.57	19.68	19.78			
15	64QAM	36	20	19.70	19.87	19.78			
15	64QAM	36	39	19.66	19.70	19.65			
15	64QAM	75	0	19.65	19.77	19.60	20		
Channel				20900	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.38	22.14	22.09	24	0	
10	QPSK	1	25	22.38	22.41	22.47			
10	QPSK	1	49	22.29	22.26	22.26			
10	QPSK	25	0	21.30	21.32	21.28			
10	QPSK	25	12	21.39	21.50	21.43	23	1	
10	QPSK	25	25	21.64	21.52	21.37			
10	QPSK	50	0	21.53	21.62	21.35			
10	QPSK	1	0	21.73	21.58	21.47			
10	16QAM	1	25	21.74	21.63	21.73	23	1	
10	16QAM	1	49	21.64	21.63	21.53			
10	16QAM	25	0	20.46	20.57	20.47			
10	16QAM	25	12	20.58	20.39	20.45			
10	16QAM	25	25	20.63	20.42	20.31	22	2	
10	16QAM	50	0	20.53	20.69	20.43			
10	64QAM	1	0	20.88	20.80	20.74			
10	64QAM	1	25	20.86	20.88	20.83			
10	64QAM	1	49	20.83	20.84	20.83	21	3	
10	64QAM	25	0	19.55	19.61	19.70			
10	64QAM	25	12	19.67	19.78	19.77			
10	64QAM	25	25	19.59	19.70	19.63			
10	64QAM	50	0	19.76	19.84	19.74	20		
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.17	22.21	22.12	24	0	
5	QPSK	1	12	22.47	22.48	22.40			
5	QPSK	1	24	22.33	22.31	22.40			
5	QPSK	12	0	21.20	21.37	21.39			
5	QPSK	12	7	21.35	21.49	21.47	23	1	
5	QPSK	12	13	21.59	21.65	21.32			
5	QPSK	25	0	21.33	21.56	21.29			
5	16QAM	1	0	21.70	21.65	21.58			
5	16QAM	1	12	21.79	21.78	21.79	23	1	
5	16QAM	1	24	21.77	21.54	21.63			
5	16QAM	12	0	20.43	20.43	20.41			
5	16QAM	12	7	20.53	20.39	20.49			
5	16QAM	12	13	20.63	20.42	20.48	22	2	
5	16QAM	25	0	20.50	20.71	20.34			
5	64QAM	1	0	20.75	20.92	20.70			
5	64QAM	1	12	20.97	20.85	21.00			
5	64QAM	1	24	20.81	20.87	20.84	22	2	
5	64QAM	12	0	19.64	19.81	19.77			
5	64QAM	12	7	19.77	19.84	19.76			
5	64QAM	12	13	19.75	19.78	19.65			
5	64QAM	25	0	19.73	19.79	19.64	21	3	

Band 12 (700MHz Low Band)									
Part 27F(only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.63	22.66	22.67	24	0	
10	QPSK	1	25	22.68	22.59	22.72			
10	QPSK	1	49	22.69	22.80	22.74			
10	QPSK	25	0	21.53	21.74	21.47			
10	QPSK	25	12	21.71	21.57	21.68	23	1	
10	QPSK	25	25	21.66	21.77	21.64			
10	QPSK	50	0	21.57	21.71	21.61			
10	16QAM	1	0	21.96	21.80	22.15			
10	16QAM	1	25	22.12	21.82	21.96	23	1	
10	16QAM	1	49	21.93	22.16	22.24			
10	16QAM	25	0	20.48	20.76	20.55			
10	16QAM	25	12	20.72	20.66	20.76			
10	16QAM	25	25	20.73	20.72	20.67	22	2	
10	16QAM	50	0	20.57	20.72	20.75			
10	64QAM	1	0	20.38	20.28	20.44			
10	64QAM	1	25	20.65	20.45	20.65			
10	64QAM	1	49	20.62	20.39	20.47	22	2	
10	64QAM	25	0	19.70	19.24	19.21			
10	64QAM	25	12	19.25	19.36	19.35			
10	64QAM	25	25	19.20	19.44	19.37			
10	64QAM	50	0	19.20	19.40	19.43	21	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.64	22.45	22.51	24	0	
5	QPSK	1	12	22.61	22.42	22.55			
5	QPSK	1	24	22.62	22.60	22.53			
5	QPSK	12	0	21.41	21.53	21.31			
5	QPSK	12	7	21.60	21.37	21.51	23	1	
5	QPSK	12	13	21.47	21.74	21.58			
5	QPSK	25	0	21.35	21.49	21.50			
5	16QAM	1	0	21.83	21.69	21.95	23	1	
5	16QAM	1	12	22.05	21.65	21.77			
5	16QAM	1	24	21.89	21.97	22.01			
5	16QAM	12	0	20.39	20.69	20.33			
5	16QAM	12	7	20.56	20.44	20.64	22	2	
5	16QAM	12	13	20.50	20.57	20.57			
5	16QAM	25	0	20.34	20.67	20.54			
5	16QAM	25	1	20.32	20.22	20.28			
5	64QAM	1	12	20.49	20.28	20.50	22	2	
5	64QAM	1	24	20.48	20.23	20.26			
5	64QAM	12	0	19.48	19.18	19.05			
5	64QAM	12	7	19.17	19.14	19.25			
5	64QAM	12	13	19.16	19.33	19.25	21	3	
5	64QAM	25	0	19.21	19.21	19.23			
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.57	22.63	22.55	24	0	
3	QPSK	1	8	22.52	22.38	22.62			
3	QPSK	1	14	22.62	22.26	22.68			
3	QPSK	8	0	21.40	21.65	21.30			
3	QPSK	8	4	21.50	21.49	21.64	23	1	
3	QPSK	8	7	21.44	21.70	21.57			
3	QPSK	15	0	21.53	21.66	21.48			
3	16QAM	1	8	21.93	21.60	22.01	23	1	
3	16QAM	1	8	21.93	21.73	21.75			
3	16QAM	1	14	21.78	22.00	22.05			
3	16QAM	8	0	20.41	20.69	20.43			
3	16QAM	8	4	20.65	20.45	20.61	22	2	
3	16QAM	8	7	20.52	20.59	20.48			
3	16QAM	15	0	20.48	20.68	20.61			
3	64QAM	1	8	20.36	20.26	20.36			
3	64QAM	1	8	20.45	20.24	20.45	22	2	
3	64QAM	1	14	20.57	20.30	20.40			
3	64QAM	8	0	19.57	19.18	19.10			
3	64QAM	8	4	19.13	19.33	19.24			
3	64QAM	8	7	19.12	19.30	19.20	21	3	
3	64QAM	15	0	19.12	19.34	19.35			
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.52	22.35	22.40	24	0	
1.4	QPSK	1	3	22.58	22.56	22.61			
1.4	QPSK	1	6	22.52	22.43	22.47			
1.4	QPSK	3	0	22.58	22.45	22.55			
1.4	QPSK	3	1	22.65	22.56	22.60	23	1	
1.4	QPSK	3	3	22.62	22.65	22.56			
1.4	QPSK	6	0	21.70	21.67	21.69			
1.4	16QAM	1	0	21.82	21.86	21.94			
1.4	16QAM	1	3	22.10	21.75	21.94	23	1	
1.4	16QAM	1	6	21.69	22.06	21.68			
1.4	16QAM	3	0	21.59	21.64	21.71			
1.4	16QAM	3	1	21.53	21.69	21.37			
1.4	16QAM	3	3	21.49	21.59	21.63	22	2	
1.4	16QAM	6	0	20.83	20.66	20.91			
1.4	64QAM	1	0	20.78	20.80	20.81			
1.4	64QAM	1	3	20.90	20.88	21.01			
1.4	64QAM	1	3	20.76	20.53	20.69	22	2	
1.4	64QAM	3	0	20.92	20.78	21.03			
1.4	64QAM	3	1	20.80	20.80	20.90			
1.4	64QAM	3	3	20.98	20.93	20.97			
1.4	64QAM	6	0	20.02	19.85	19.92	21	3	

Band 17 (700MHz Band)									
Part 27H(only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.47	22.38	22.44	24	0	
10	QPSK	1	25	22.58	22.43	22.60			
10	QPSK	1	49	22.49	22.69	22.59			
10	QPSK	25	0	21.37	21.49	21.22	23	1	
10	QPSK	25	12	21.59	21.36	21.53			
10	QPSK	25	25	21.37	21.62	21.37			
10	QPSK	50	0	21.45	21.57	21.45	23	1	
10	16QAM	1	0	21.85	21.55	21.90			
10	16QAM	1	25	21.96	21.70	21.80			
10	16QAM	1	49	21.75	21.95	22.01	22	2	
10	16QAM	25	0	20.19	20.52	20.45			
10	16QAM	25	12	20.52	20.45	20.52			
10	16QAM	25	25	20.61	20.51	20.46	22	2	
10	16QAM	50	0	20.33	20.48	20.57			
10	64QAM	1	0	20.27	20.04	20.19			
10	64QAM	1	25	20.49	20.32	20.50	22	2	
10	64QAM	1	49	20.48	20.10	20.18			
10	64QAM	25	0	19.31	19.08	19.02			
10	64QAM	25	12	19.13	19.25	19.14	21	3	
10	64QAM	25	25	19.04	19.31	19.08			
10	64QAM	50	0	19.07	19.29	19.16			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.48	22.47	22.52	24	0	
5	QPSK	1	12	22.41	22.41	22.48			
5	QPSK	1	24	22.45	22.56	22.44			
5	QPSK	12	0	21.28	21.59	21.33	23	1	
5	QPSK	12	7	21.61	21.43	21.55			
5	QPSK	12	13	21.38	21.47	21.41			
5	QPSK	25	0	21.40	21.59	21.32	23	1	
5	16QAM	1	0	21.69	21.50	22.00			
5	16QAM	1	12	21.86	21.70	21.85			
5	16QAM	1	24	21.82	21.94	21.96	22	2	
5	16QAM	12	0	20.37	20.48	20.40			
5	16QAM	12	7	20.60	20.36	20.47			
5	16QAM	12	13	20.51	20.62	20.45	22	2	
5	16QAM	25	0	20.45	20.57	20.50			
5	64QAM	1	0	20.28	20.15	20.25			
5	64QAM	1	12	20.40	20.16	20.51	22	2	
5	64QAM	1	24	20.41	20.17	20.30			
5	64QAM	12	0	19.43	19.06	19.09			
5	64QAM	12	7	19.01	19.09	19.09	21	3	
5	64QAM	12	13	19.03	19.18	19.18			
5	64QAM	25	0	19.08	19.27	19.25			

Band 66										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	22.34	22.60	22.42	24	0		
20	QPSK	1	49	22.44	22.48	22.30				
20	QPSK	1	99	22.35	22.11	22.30				
20	QPSK	50	0	21.72	21.72	21.44	23	1		
20	QPSK	50	24	21.56	21.53	21.60				
20	QPSK	50	50	21.59	21.43	21.32				
20	QPSK	100	0	21.60	21.65	21.41	23	1		
20	16QAM	1	0	21.66	21.85	22.01				
20	16QAM	1	49	22.02	22.07	21.61				
20	16QAM	1	99	21.71	21.69	21.76	22	2		
20	16QAM	50	0	20.58	20.68	20.36				
20	16QAM	50	24	20.56	20.51	20.57				
20	16QAM	50	50	20.52	20.30	20.36	22	2		
20	16QAM	100	0	20.64	20.46	20.42				
20	64QAM	1	0	20.85	20.50	20.81				
20	64QAM	1	49	20.87	20.84	20.64	22	2		
20	64QAM	1	99	20.54	20.76	20.53				
20	64QAM	50	0	19.85	19.69	19.56				
20	64QAM	50	24	19.71	19.72	19.78	21	3		
20	64QAM	50	50	19.88	19.50	19.58				
20	64QAM	100	0	19.84	19.59	19.65				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	22.25	22.38	22.34	24	0		
15	QPSK	1	37	22.31	22.29	22.41				
15	QPSK	1	74	22.26	22.05	22.11				
15	QPSK	36	0	21.54	21.50	21.28	23	1		
15	QPSK	36	20	21.45	21.35	21.38				
15	QPSK	36	39	21.56	21.35	21.11				
15	QPSK	75	0	21.48	21.52	21.27	23	1		
15	16QAM	1	0	21.43	21.64	21.65				
15	16QAM	1	37	21.67	21.69	21.51				
15	16QAM	1	74	21.56	21.52	21.55	22	2		
15	16QAM	36	0	20.37	20.53	20.14				
15	16QAM	36	20	20.42	20.40	20.42				
15	16QAM	36	39	20.46	20.09	20.21	22	2		
15	16QAM	75	0	20.56	20.35	20.37				
15	64QAM	1	0	20.66	20.32	20.73				
15	64QAM	1	37	20.73	20.64	20.60	22	2		
15	64QAM	1	74	20.35	20.71	20.42				
15	64QAM	36	0	19.73	19.59	19.47				
15	64QAM	36	20	19.52	19.56	19.72	21	3		
15	64QAM	36	39	19.80	19.38	19.36				
15	64QAM	75	0	19.71	19.41	19.55				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	22.19	22.50	22.29	24	0		
10	QPSK	1	25	22.39	22.39	22.44				
10	QPSK	1	49	22.20	22.00	22.07				
10	QPSK	25	0	21.57	21.57	21.37	23	1		
10	QPSK	25	12	21.49	21.50	21.51				
10	QPSK	25	25	21.39	21.32	21.12				
10	QPSK	50	0	21.42	21.47	21.32	23	1		
10	16QAM	1	0	21.49	21.76	21.88				
10	16QAM	1	25	21.81	21.89	21.47				
10	16QAM	1	49	21.62	21.59	21.71	22	2		
10	16QAM	25	0	20.54	20.48	20.19				
10	16QAM	25	12	20.39	20.38	20.44				
10	16QAM	25	25	20.47	20.13	20.28	22	2		
10	16QAM	50	0	20.57	20.24	20.36				
10	64QAM	1	0	20.76	20.44	20.61				
10	64QAM	1	25	20.66	20.62	20.47	22	2		
10	64QAM	1	49	20.46	20.65	20.36				
10	64QAM	25	0	19.69	19.51	19.41				
10	64QAM	25	12	19.48	19.65	19.71	21	3		
10	64QAM	25	25	19.67	19.28	19.51				
10	64QAM	50	0	19.64	19.39	19.57				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	22.26	22.54	22.22	24	0		
5	QPSK	1	12	22.25	22.34	22.50				
5	QPSK	1	24	22.17	22.50	22.07				
5	QPSK	12	0	21.50	21.51	21.35	23	1		
5	QPSK	12	7	21.44	21.38	21.42				
5	QPSK	12	13	21.43	21.30	21.14				
5	QPSK	25	0	21.41	21.48	21.28	23	1		
5	16QAM	1	0	21.50	21.75	21.87				
5	16QAM	1	12	21.97	21.98	21.61				
5	16QAM	1	24	21.57	21.61	21.61	22	2		
5	16QAM	12	0	20.45	20.49	20.17				
5	16QAM	12	7	20.40	20.30	20.36				
5	16QAM	12	13	20.40	20.23	20.15	22	2		
5	16QAM	25	0	20.56	20.26	20.36				
5	64QAM	1	0	20.82	20.36	20.75				
5	64QAM	1	12	20.82	20.40	20.46	22	2		
5	64QAM	1	24	20.48	20.56	20.40				
5	64QAM	12	0	19.77	19.63	19.38				
5	64QAM	12	7	19.61	19.65	19.58	21	3		
5	64QAM	12	13	19.75	19.38	19.40				
5	64QAM	25	0	19.70	19.42	19.45				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	22.12	22.48	22.32	24	0		
3	QPSK	1	8	22.22	22.37	22.53				
3	QPSK	1	14	22.20	22.53	22.24				
3	QPSK	8	0	21.65	21.40	21.25	23	1		
3	QPSK	8	4	21.41	21.34	21.55				
3	QPSK	8	7	21.55	21.30	21.15				
3	QPSK	15	0	21.38	21.60	21.32	23	1		
3	16QAM	1	0	21.54	21.64	21.90				
3	16QAM	1	8	21.90	21.97	21.47				
3	16QAM	1	14	21.50	21.52	21.57	22	2		
3	16QAM	8	0	20.53	20.35	20.26				
3	16QAM	8	4	20.53	20.36	20.41				
3	16QAM	8	7	20.34	20.34	20.19	22	2		
3	16QAM	15	0	20.51	20.29	20.24				
3	64QAM	1	0	20.62	20.39	20.77				
3	64QAM	1	8	20.76	20.70	20.46	22	2		
3	64QAM	1	14	20.50	20.67	20.31				
3	64QAM	8	0	19.69	19.66	19.34				
3	64QAM	8	4	19.51	19.61	19.71	21	3		
3	64QAM	8	7	19.84	19.47	19.47				
3	64QAM	15	0	19.62	19.33	19.33				
Channel				131999	132322	132605	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	22.41	22.42	22.42	24	0		
1.4	QPSK	1	3	22.53	22.58	22.59				
1.4	QPSK	1	5	22.42	22.42	22.42				
1.4	QPSK	3	0	22.59	22.42	22.59	23	1		
1.4	QPSK	3	1	22.53	22.53	22.56				
1.4	QPSK	3	3	22.53	22.55	22.57				
1.4	QPSK	6	0	21.62	21.75	21.65	23	1		
1.4	16QAM	1	0	21.36	21.70	21.62				
1.4	16QAM	1	3	21.74	21.80	21.54				
1.4	16QAM	1	5	21.33	21.63	21.66	23	1		
1.4	16QAM	3	0	21.63	21.58	21.67				
1.4	16QAM	3	1	21.62	21.62	21.64				
1.4	16QAM	3	3	21.63	21.70	21.66	22	2		
1.4	16QAM	6	0	20.65	20.77	20.80				
1.4	64QAM	1	0	20.75	20.86	20.93				
1.4	64QAM	1	3	20.86	20.86	20.85	22	2		
1.4	64QAM	1	5	20.62	20.89	20.86				
1.4	64QAM	3	0	20.62	20.85	20.89				
1.4	64QAM	3	1	20.67	20.90	20.84	21	3		
1.4	64QAM	3	3	20.81	20.83	20.88				
1.4	64QAM	6	0	19.98	19.86	19.99				

Reduced Power Mode for Sensor on/Hotspot on

GSM850							
Burst Average Power (dBm)				Frame-Average Power (dBm)			
TX Channel	128	189	251	Tune-up Limit (dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM 1 Tx slot	30.91	31.06	31.05	32.00	21.91	22.06	22.05
GPRS 1 Tx slot	30.90	31.03	31.03	32.00	21.90	22.03	22.03
GPRS 2 Tx slots	28.84	28.98	28.96	30.00	22.84	22.98	22.96
GPRS 3 Tx slots	26.78	26.95	26.96	28.00	22.52	22.69	22.70
GPRS 4 Tx slots	24.68	24.88	25.05	26.00	21.68	21.88	22.05
EDGE 1 Tx slot	24.97	25.25	25.41	26.00	15.97	16.25	16.41
EDGE 2 Tx slots	23.46	23.52	23.62	24.00	17.46	17.52	17.62
EDGE 3 Tx slots	20.80	20.88	20.89	22.00	16.54	16.62	16.63
EDGE 4 Tx slots	19.62	19.81	19.89	20.00	16.62	16.81	16.89

GSM1900							
Burst Average Power (dBm)				Frame-Average Power (dBm)			
TX Channel	512	681	810	Tune-up Limit (dBm)	512	681	810
Frequency (MHz)	1850.2	1880	1900.8	(dBm)	1850.2	1880	1900.8
GSM 1 Tx slot	22.45	22.56	22.61	23.50	13.45	13.56	13.61
GPRS 1 Tx slot	22.43	22.51	22.45	23.50	13.43	13.51	13.45
GPRS 2 Tx slots	20.31	20.48	20.43	21.50	14.31	14.48	14.43
GPRS 3 Tx slots	18.25	18.36	18.53	19.50	13.99	14.10	14.27
GPRS 4 Tx slots	16.58	16.75	16.78	17.50	13.58	13.75	13.78
EDGE 1 Tx slot	18.65	18.87	19.01	20.00	9.65	9.87	10.01
EDGE 2 Tx slots	16.58	16.68	16.72	17.00	10.58	10.68	10.72
EDGE 3 Tx slots	15.13	15.20	15.34	16.00	10.87	10.94	11.08
EDGE 4 Tx slots	13.32	13.36	13.41	14.00	10.32	10.36	10.41

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	13.30	13.25	13.34	15.00	14.35	14.29	14.33	16.00	21.25	21.29	21.27	22.50
3GPP Rel 99	RMC 12.2Kbps	13.41	13.30	13.40	15.00	14.40	14.30	14.31	16.00	21.30	21.25	21.20	22.50
3GPP Rel 6	HSDPA Subtest-1	12.95	13.16	13.17	14.00	14.18	14.12	14.12	15.00	19.82	19.82	19.79	21.50
3GPP Rel 6	HSDPA Subtest-2	12.86	13.03	12.94	14.00	14.07	13.98	14.06	15.00	19.79	19.69	19.70	21.50
3GPP Rel 6	HSDPA Subtest-3	12.40	12.53	12.47	13.50	13.64	13.44	13.64	14.50	19.38	19.08	19.35	21.00
3GPP Rel 6	HSDPA Subtest-4	12.40	12.48	12.57	13.50	13.54	13.44	13.59	14.50	19.22	19.11	19.27	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	12.72	13.02	12.98	14.00	13.97	13.84	13.95	15.00	19.65	19.58	19.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	12.67	12.80	12.78	14.00	13.83	13.76	13.78	15.00	19.46	19.43	19.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	12.15	12.35	12.29	13.50	13.33	13.29	13.39	14.50	18.97	19.02	19.04	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	12.16	12.20	12.25	13.50	13.35	13.21	13.36	14.50	19.07	18.89	19.03	21.00
3GPP Rel 6	HSUPA Subtest-1	12.73	12.55	12.83	14.00	14.08	13.86	14.08	15.00	19.74	19.57	19.75	21.50
3GPP Rel 6	HSUPA Subtest-2	11.47	11.55	11.43	12.00	12.16	12.10	12.17	13.00	17.85	17.75	17.89	19.50
3GPP Rel 6	HSUPA Subtest-3	11.95	12.20	12.27	13.00	13.21	12.99	13.18	14.00	18.90	18.63	18.89	20.50
3GPP Rel 6	HSUPA Subtest-4	10.87	10.74	10.75	12.00	11.76	11.55	11.63	13.00	17.46	17.24	17.28	19.50
3GPP Rel 6	HSUPA Subtest-5	12.57	12.63	12.57	14.00	13.50	13.48	13.65	15.00	19.17	19.19	19.29	21.50

Band 2 (1900MHz Band)												
Part 24E												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				18700	18900	19100						
Frequency (MHz)				1860	1880	1900						
20	QPSK	1	0	14.42	14.35	14.48			16	0		
20	QPSK	1	49	14.56	14.69	14.85						
20	QPSK	1	99	14.52	13.66	14.36						
20	QPSK	50	0	13.61	13.71	13.68			15	1		
20	QPSK	50	24	13.41	13.66	13.50						
20	QPSK	50	50	13.38	13.62	13.68						
20	QPSK	100	0	13.57	13.72	13.70			15	1		
20	16QAM	1	0	13.50	13.77	13.76						
20	16QAM	1	49	13.72	13.82	13.93						
20	16QAM	1	99	13.57	13.70	13.81			14	2		
20	16QAM	50	0	12.56	12.67	12.73						
20	16QAM	50	24	12.58	12.74	12.80						
20	16QAM	50	50	12.45	12.71	12.68			14	2		
20	16QAM	100	0	12.42	12.61	12.69						
20	64QAM	1	0	12.62	12.78	12.81						
20	64QAM	1	49	12.65	12.91	12.96			14	2		
20	64QAM	1	99	12.59	12.82	12.80						
20	64QAM	50	0	11.69	11.83	11.89						
20	64QAM	50	24	11.74	11.94	11.94			13	3		
20	64QAM	50	50	11.68	11.82	11.89						
20	64QAM	100	0	11.64	11.73	11.88						
Channel				18675	18900	19125						
Frequency (MHz)				1857.5	1880	1902.5			Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	14.28	14.22	14.33			16	0		
15	QPSK	1	37	14.47	14.63	14.48						
15	QPSK	1	74	14.41	14.18	14.28						
15	QPSK	36	0	13.51	13.62	13.52			15	1		
15	QPSK	36	20	13.33	13.52	13.39						
15	QPSK	36	39	13.30	13.55	13.60						
15	QPSK	75	0	13.46	13.58	13.56			15	1		
15	16QAM	1	0	13.40	13.66	13.63						
15	16QAM	1	37	13.62	13.73	13.77						
15	16QAM	1	74	13.51	13.56	13.71			14	2		
15	16QAM	36	0	12.45	12.60	12.59						
15	16QAM	36	20	12.47	12.66	12.70						
15	16QAM	36	39	12.30	12.60	12.53			14	2		
15	16QAM	75	0	12.31	12.47	12.53						
15	64QAM	1	0	12.51	12.70	12.68						
15	64QAM	1	37	12.53	12.80	12.85			14	2		
15	64QAM	1	74	12.45	12.66	12.71						
15	64QAM	36	0	11.55	11.67	11.76						
15	64QAM	36	20	11.66	11.87	11.87			13	3		
15	64QAM	36	39	11.62	11.73	11.79						
15	64QAM	75	0	11.57	11.60	11.77						
Channel				18650	18800	19150					Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905						
10	QPSK	1	0	14.33	14.20	14.39			16	0		
10	QPSK	1	25	14.44	14.61	14.45						
10	QPSK	1	49	14.38	14.21	14.24						
10	QPSK	25	0	13.49	13.57	13.54			15	1		
10	QPSK	25	12	13.33	13.56	13.35						
10	QPSK	25	25	13.23	13.49	13.59						
10	QPSK	50	0	13.41	13.39	13.61			15	1		
10	16QAM	1	0	13.34	13.63	13.69						
10	16QAM	1	25	13.61	13.73	13.81						
10	16QAM	1	49	13.45	13.54	13.68			14	2		
10	16QAM	25	0	12.44	12.58	12.62						
10	16QAM	25	12	12.49	12.62	12.72						
10	16QAM	25	25	12.31	12.57	12.54			14	2		
10	16QAM	50	0	12.35	12.50	12.54						
10	64QAM	1	0	12.51	12.72	12.72						
10	64QAM	1	25	12.56	12.82	12.80			14	2		
10	64QAM	1	49	12.44	12.72	12.72						
10	64QAM	25	0	11.62	11.72	11.77						
10	64QAM	25	12	11.67	11.86	11.81			13	3		
10	64QAM	25	25	11.52	11.67	11.75						
10	64QAM	50	0	11.52	11.66	11.79						
Channel				18525	18900	19175			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5						
5	QPSK	1	0	14.35	14.26	14.33			16	0		
5	QPSK	1	12	14.46	14.56	14.50						
5	QPSK	1	24	14.43	14.24	14.26						
5	QPSK	12	0	13.51	13.63	13.57			15	1		
5	QPSK	12	7	13.26	13.54	13.37						
5	QPSK	12	13	13.32	13.48	13.62						
5	QPSK	25	0	13.43	13.58	13.58			15	1		
5	16QAM	1	0	13.36	13.64	13.69						
5	16QAM	1	12	13.58	13.68	13.70						
5	16QAM	1	24	13.49	13.57	13.68			14	2		
5	16QAM	12	0	12.43	12.52	12.65						
5	16QAM	12	7	12.48	12.65	12.67						
5	16QAM	12	13	12.35	12.63	12.60			14	2		
5	16QAM	25	0	12.34	12.50	12.54						
5	64QAM	1	0	12.52	12.66	12.68						
5	64QAM	1	12	12.50	12.77	12.80			14	2		
5	64QAM	1	24	12.51	12.66	12.68						
5	64QAM	12	0	11.62	11.75	11.81						
5	64QAM	12	7	11.59	11.82	11.81			13	3		
5	64QAM	12	13	11.55	11.68	11.77						
5	64QAM	25	0	11.54	11.65	11.74						
Channel				18615	18900	19185					Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5						
3	QPSK	1	0	14.33	14.20	14.32			16	0		
3	QPSK	1	8	14.48	14.61	14.45						
3	QPSK	1	14	14.38	14.21	14.23						
3	QPSK	8	0	13.53	13.59	13.58			15	1		
3	QPSK	8	4	13.27	13.52	13.42						
3	QPSK	8	7	13.25	13.56	13.61						
3	QPSK	15	0	13.42	13.57	13.59			15	1		
3	16QAM	1	0	13.39	13.69	13.60						
3	16QAM	1	8	13.61	13.75	13.81						
3	16QAM	1	14	13.46	13.55	13.69			14	2		
3	16QAM	8	0	12.41	12.58	12.66						
3	16QAM	8	4	12.45	12.66	12.69						
3	16QAM	8	7	12.35	12.65	12.54			14	2		
3	16QAM	15	0	12.35	12.51	12.55						
3	64QAM	1	0	12.54	12.67	12.74						
3	64QAM	1	8	12.54	12.82	12.88			14	2		
3	64QAM	1	14	12.50	12.70	12.65						
3	64QAM	8	0	11.53	11.77	11.74						
3	64QAM	8	4	11.65	11.85	11.84			13	3		
3	64QAM	8	7	11.61	11.71	11.81						
3	64QAM	15	0	11.54	11.64	11.78						
Channel				18607	18900	19193					Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18507	1880	1909.3						
1.4	QPSK	1	0	14.31	14.24	14.34			16	0		
1.4	QPSK	1	3	14.45	14.61	14.45						
1.4	QPSK	1	5	14.44	14.18	14.27						
1.4	QPSK	3	0	14.36	14.27	14.40			15	1		
1.4	QPSK	3	1	14.44	14.60	14.50						
1.4	QPSK	3	3	14.42	14.25	14.23						
1.4	QPSK	6	0	13.51	13.61	13.62			15	1		
1.4	16QAM	1	0	13.39	13.68	13.68						
1.4	16QAM	1	5	13.58	13.73	13.87						
1.4	16QAM	1	5	13.48	13.60	13.74			15	1		
1.4	16QAM	3	0	13.43	13.64	13.61						
1.4	16QAM	3	1	13.66	13.68	13.77						
1.4	16QAM	3	3	13.45	13.63	13.67			14	2		
1.4	16QAM	6	0	12.30	12.48	12.56						
1.4	64QAM	1	0	12.51	12.71	12.71						
1.4	QPSK	1	3	12.53	12.83	12.80			14	2		
1.4	QPSK	1	5	12.49	12.67	12.67						
1.4	64QAM	3	0	12.47	12.68	12.75						
1.4	64QAM	3	1	12.49	12.77	12.82			14	2		
1.4	64QAM	3	3	12.50	12.72	12.72						
1.4	64QAM	6	0	11.56	11.64	11.72						

Band 7 (2600MHz Band)									
Part 27									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	16.76	16.76	16.76	18	0	
20	QPSK	1	49	16.81	16.91	16.81			
20	QPSK	1	99	16.82	16.82	16.84			
20	QPSK	50	0	15.67	15.83	15.80	17	1	
20	QPSK	50	24	15.79	15.86	15.84			
20	QPSK	50	50	15.80	15.88	15.77			
20	QPSK	100	0	15.77	15.83	15.81	17	1	
20	16QAM	1	0	16.06	16.14	16.18			
20	16QAM	1	49	16.15	16.21	16.22			
20	16QAM	1	99	16.17	16.21	16.19	16	2	
20	16QAM	50	0	14.69	14.85	14.81			
20	16QAM	50	24	14.80	14.87	14.86			
20	16QAM	50	50	14.80	14.82	14.79	16	2	
20	16QAM	100	0	14.76	14.82	14.82			
20	64QAM	1	0	15.12	15.18	15.23			
20	64QAM	1	49	15.22	15.27	15.26	16	2	
20	64QAM	1	99	15.23	15.24	15.25			
20	64QAM	50	0	13.90	14.04	13.98			
20	64QAM	50	24	14.03	14.05	14.05	15	3	
20	64QAM	50	50	14.00	14.03	13.97			
20	64QAM	100	0	13.92	14.00	13.99			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	16.63	16.65	16.59	18	0	
15	QPSK	1	37	16.68	16.69	16.67			
15	QPSK	1	74	16.67	16.62	16.71			
15	QPSK	36	0	15.53	15.66	15.66	17	1	
15	QPSK	36	20	15.60	15.69	15.73			
15	QPSK	36	39	15.60	15.71	15.64			
15	QPSK	75	0	15.64	15.69	15.69	17	1	
15	16QAM	1	0	15.88	15.94	16.03			
15	16QAM	1	37	15.97	16.08	16.10			
15	16QAM	1	74	16.05	16.06	16.01	17	1	
15	16QAM	36	0	14.49	14.72	14.66			
15	16QAM	36	20	14.58	14.74	14.72			
15	16QAM	36	39	14.70	14.66	14.67	16	2	
15	16QAM	75	0	14.65	14.65	14.72			
15	64QAM	1	0	15.01	15.06	15.11			
15	64QAM	1	37	15.04	15.14	15.11	16	2	
15	64QAM	1	74	15.12	15.14	15.07			
15	64QAM	36	0	13.80	13.86	13.80			
15	64QAM	36	20	13.91	13.94	13.90	15	3	
15	64QAM	36	39	13.84	13.93	13.77			
15	64QAM	75	0	13.80	13.84	13.87			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.56	16.57	16.64	18	0	
10	QPSK	1	25	16.64	16.63	16.66			
10	QPSK	1	49	16.69	16.68	16.73			
10	QPSK	25	0	15.51	15.65	15.68	17	1	
10	QPSK	25	12	15.67	15.75	15.73			
10	QPSK	25	25	15.68	15.62	15.60			
10	QPSK	50	0	15.58	15.71	15.61	17	1	
10	16QAM	1	0	15.93	15.95	16.03			
10	16QAM	1	25	15.98	16.02	16.09			
10	16QAM	1	49	16.01	16.09	16.05	17	1	
10	16QAM	25	0	14.56	14.66	14.64			
10	16QAM	25	12	14.69	14.74	14.73			
10	16QAM	25	25	14.67	14.71	14.64	16	2	
10	16QAM	50	0	14.58	14.71	14.69			
10	64QAM	1	0	14.94	15.01	15.10			
10	64QAM	1	25	15.04	15.11	15.12	16	2	
10	64QAM	1	49	15.08	15.11	15.13			
10	64QAM	25	0	13.71	13.94	13.88			
10	64QAM	25	12	13.92	13.94	13.89	15	3	
10	64QAM	25	25	13.85	13.90	13.87			
10	64QAM	50	0	13.75	13.82	13.83			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.57	16.61	16.57	18	0	
5	QPSK	1	12	16.67	16.69	16.72			
5	QPSK	1	24	16.66	16.65	16.74			
5	QPSK	12	0	15.48	15.68	15.64	17	1	
5	QPSK	12	7	15.62	15.75	15.65			
5	QPSK	12	13	15.67	15.65	15.59			
5	QPSK	25	0	15.67	15.69	15.62	17	1	
5	16QAM	1	0	15.87	16.00	16.05			
5	16QAM	1	12	16.02	16.07	16.05			
5	16QAM	1	24	16.01	16.08	16.07	16	2	
5	16QAM	12	0	14.54	14.67	14.66			
5	16QAM	12	7	14.62	14.69	14.70			
5	16QAM	12	13	14.69	14.68	14.62	16	2	
5	16QAM	25	0	14.58	14.72	14.66			
5	64QAM	1	0	15.01	15.04	15.11			
5	64QAM	1	12	15.10	15.09	15.16	16	2	
5	64QAM	1	24	15.07	15.07	15.14			
5	64QAM	12	0	13.78	13.85	13.84			
5	64QAM	12	7	13.91	13.90	13.85	15	3	
5	64QAM	12	13	13.81	13.88	13.79			
5	64QAM	25	0	13.76	13.88	13.84			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	14.98	15.11	15.09	16.5	0	
20	QPSK	1	49	14.98	14.83	15.03			
20	QPSK	1	99	14.78	14.77	14.93			
20	QPSK	50	0	14.11	14.21	14.13	15.5	1	
20	QPSK	50	24	14.13	14.08	14.09			
20	QPSK	50	50	14.03	14.02	14.14			
20	QPSK	100	0	14.02	14.20	14.17	15.5	1	
20	16QAM	1	0	14.21	14.19	14.23			
20	16QAM	1	49	14.29	14.31	14.44			
20	16QAM	1	99	14.25	14.12	14.34	14.5	2	
20	16QAM	50	0	13.26	13.12	13.23			
20	16QAM	50	24	13.27	13.19	13.31			
20	16QAM	50	50	13.24	13.15	13.21	14.5	2	
20	16QAM	100	0	13.14	13.08	13.17			
20	64QAM	1	0	13.21	13.25	13.32			
20	64QAM	1	49	13.35	13.30	13.49	14.5	2	
20	64QAM	1	99	13.22	13.12	13.35			
20	64QAM	50	0	12.40	12.25	12.38			
20	64QAM	50	24	12.43	12.29	12.44	13.5	3	
20	64QAM	50	50	12.31	12.22	12.46			
20	64QAM	100	0	12.30	12.20	12.38			
Channel				132047	132322	132597	Tune-up limit (dBm)		
Frequency (MHz)				1717.5	1745	1772.5	MPR (dB)		
15	QPSK	1	0	14.90	14.80	14.94	16.5	0	
15	QPSK	1	37	14.98	14.87	15.02			
15	QPSK	1	74	14.77	14.77	14.93			
15	QPSK	36	0	14.10	14.00	14.20	15.5	1	
15	QPSK	36	20	14.12	14.09	14.22			
15	QPSK	36	39	14.07	14.00	14.19			
15	QPSK	75	0	14.05	13.92	14.25	15.5	1	
15	16QAM	1	0	14.21	14.21	14.26			
15	16QAM	1	37	14.33	14.30	14.38			
15	16QAM	1	74	14.19	14.14	14.30	14.5	2	
15	16QAM	36	0	13.23	13.09	13.22			
15	16QAM	36	20	13.35	13.17	13.33			
15	16QAM	36	39	13.23	13.14	13.24	14.5	2	
15	16QAM	75	0	13.18	13.05	13.19			
15	64QAM	1	0	13.22	13.22	13.32			
15	64QAM	1	37	13.36	13.36	13.45	14.5	2	
15	64QAM	1	74	13.19	13.13	13.30			
15	64QAM	36	0	12.41	12.23	12.39			
15	64QAM	36	20	12.39	12.33	12.43	13.5	3	
15	64QAM	36	39	12.32	12.24	12.41			
15	64QAM	75	0	12.27	12.25	12.32			
Channel				132022	132322	132622	Tune-up limit (dBm)		
Frequency (MHz)				1715	1745	1775	MPR (dB)		
10	QPSK	1	0	14.83	14.79	14.92	16.5	0	
10	QPSK	1	25	14.92	14.83	15.09			
10	QPSK	1	49	14.80	14.70	14.96			
10	QPSK	25	0	14.02	13.99	14.19	15.5	1	
10	QPSK	25	12	14.16	14.12	14.21			
10	QPSK	25	25	14.05	14.07	14.21			
10	QPSK	50	0	14.09	13.99	14.13	15.5	1	
10	16QAM	1	0	14.22	14.16	14.29			
10	16QAM	1	25	14.30	14.24	14.39			
10	16QAM	1	49	14.26	14.14	14.26	14.5	2	
10	16QAM	25	0	13.25	13.12	13.26			
10	16QAM	25	12	13.31	13.26	13.34			
10	16QAM	25	25	13.22	13.15	13.23	14.5	2	
10	16QAM	50	0	13.13	13.04	13.16			
10	64QAM	1	0	13.26	13.18	13.32			
10	64QAM	1	25	13.32	13.28	13.42	14.5	2	
10	64QAM	1	49	13.26	13.13	13.35			
10	64QAM	25	0	12.40	12.25	12.37			
10	64QAM	25	12	12.43	12.37	12.46	13.5	3	
10	64QAM	25	25	12.33	12.27	12.40			
10	64QAM	50	0	12.29	12.22	12.32			
Channel				131987	132322	132647	Tune-up limit (dBm)		
Frequency (MHz)				1712.5	1745	1777.5	MPR (dB)		
5	QPSK	1	0	14.86	14.80	14.91	16.5	0	
5	QPSK	1	12	14.98	14.86	15.03			
5	QPSK	1	24	14.77	14.75	14.90			
5	QPSK	12	0	14.11	13.96	14.17	15.5	1	
5	QPSK	12	7	14.16	14.07	14.25			
5	QPSK	12	13	14.09	14.05	14.22			
5	QPSK	25	0	14.08	14.02	14.15	15.5	1	
5	16QAM	1	0	14.21	14.18	14.26			
5	16QAM	1	12	14.34	14.29	14.42			
5	16QAM	1	24	14.26	14.15	14.27	14.5	2	
5	16QAM	12	0	13.23	13.11	13.29			
5	16QAM	12	7	13.31	13.18	13.37			
5	16QAM	12	13	13.19	13.08	13.20	14.5	2	
5	16QAM	25	0	13.16	13.02	13.24			
5	64QAM	1	0	13.20	13.24	13.34			
5	64QAM	1	12	13.33	13.31	13.42	14.5	2	
5	64QAM	1	24	13.18	13.16	13.27			
5	64QAM	12	0	12.43	12.28	12.37			
5	64QAM	12	7	12.45	12.30	12.47	13.5	3	
5	64QAM	12	13	12.35	12.30	12.38			
5	64QAM	25	0	12.32	12.19	12.35			
Channel				131987	132322	132657	Tune-up limit (dBm)		
Frequency (MHz)				1711.5	1745	1778.5	MPR (dB)		
3	QPSK	1	0	14.89	14.82	14.91	16.5	0	
3	QPSK	1	8	14.99	14.89	15.10			
3	QPSK	1	14	14.79	14.72	14.95			
3	QPSK	8	0	14.11	14.03	14.17	15.5	1	
3	QPSK	8	4	14.15	14.08	14.27			
3	QPSK	8	7	14.02	14.04	14.19			
3	QPSK	15	0	14.06	14.03	14.13	15.5	1	
3	16QAM	1	0	14.25	14.23	14.42			
3	16QAM	1	8	14.36	14.24	14.41			
3	16QAM	1	14	14.23	14.16	14.33	14.5	2	
3	16QAM	8	0	13.22	13.09	13.24			
3	16QAM	8	4	13.35	13.13	13.36			
3	16QAM	8	7	13.21	13.06	13.23	14.5	2	
3	16QAM	15	0	13.19	13.03	13.20			
3	64QAM	1	0	13.27	13.17	13.35			
3	64QAM	1	8	13.33	13.32	13.50	14.5	2	
3	64QAM	1	14	13.19	13.16	13.31			
3	64QAM	8	0	12.42	12.31	12.39			
3	64QAM	8	4	12.43	12.34	12.42	13.5	3	
3	64QAM	8	7	12.37	12.25	12.39			
3	64QAM	15	0	12.26	12.22	12.30			
Channel				131979	132322	132657	Tune-up limit (dBm)		
Frequency (MHz)				1710.7	1745	1779.3	MPR (dB)		
1.4	QPSK	1	0	14.59	14.54	14.71	16.5	0	
1.4	QPSK	1	3	14.70	14.64	14.76			
1.4	QPSK	3	0	14.62	14.63	14.69			
1.4	QPSK	3	1	14.68	14.56	14.64	15.5	1	
1.4	QPSK	3	3	14.56	14.52	14.74			
1.4	QPSK	6	0	13.78	13.65	13.90			
1.4	16QAM	1	0	14.01	14.00	13.99	15.5	1	
1.4	16QAM	1	3	14.08	14.06	14.21			
1.4	16QAM	1	5	13.90	13.85	14.06			
1.4	16QAM	3	0	14.00	13.98	14.01	15.5	1	
1.4	16QAM	3	1	14.03	14.02	14.22			
1.4	16QAM	3	3	13.97	13.85	14.10			
1.4	16QAM	6	0	12.88	12.79	12.95	14.5	2	
1.4	64QAM	1	0	12.99	12.93	13.08			
1.4	64QAM	1	3	13.14	13.04	13.19			
1.4	64QAM	1	5	12.92	12.88	13.03	14.5	2	
1.4	64QAM	3	0	12.96	12.97	13.08			
1.4	64QAM	3	1	13.12	13.07	13.25			
1.4	64QAM	3	3	12.94	12.87	12.99	13.5	3	
1.4	64QAM	6	0	12.05	11.96	12.12			

Reduced Power Mode for Handheld on

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1950.2	1980	1990.8		1950.2	1980	1990.8	
GSM 1 Tx slot	25.84	25.95	25.98	27.00	16.84	16.95	16.98	18.00
GPRS 1 Tx slot	25.83	25.91	25.96	27.00	16.83	16.91	16.96	18.00
GPRS 2 Tx slots	24.13	24.31	24.28	25.00	18.13	18.31	18.28	19.00
GPRS 3 Tx slots	22.53	22.69	22.63	23.00	18.27	18.43	18.37	18.74
GPRS 4 Tx slots	20.66	20.68	20.73	21.00	17.66	17.68	17.73	18.00
EDGE 1 Tx slot	22.07	22.34	22.49	23.50	13.07	13.34	13.49	14.50
EDGE 2 Tx slots	19.90	20.22	20.31	20.50	13.90	14.22	14.31	14.50
EDGE 3 Tx slots	18.27	18.34	18.52	19.50	14.01	14.08	14.26	15.24
EDGE 4 Tx slots	16.47	16.65	16.70	17.50	13.47	13.65	13.70	14.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel	9262	9400	9538		1312	1413	1513	
Rx Channel	9982	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 AMR 12.2Kbps	17.62	17.50	17.55	19.00	18.39	18.44	18.59	20.00
3GPP Rel 99 RMC 12.2Kbps	17.65	17.47	17.60	19.00	18.70	18.55	18.68	20.00
3GPP Rel 6 HSDPA Subtest-1	16.23	16.43	16.49	18.00	17.75	17.63	17.72	19.00
3GPP Rel 6 HSDPA Subtest-2	16.11	16.32	16.26	18.00	17.62	17.50	17.58	19.00
3GPP Rel 6 HSDPA Subtest-3	15.66	15.81	15.75	17.50	17.17	17.05	17.15	18.50
3GPP Rel 6 HSDPA Subtest-4	15.89	15.76	15.80	17.50	17.13	16.99	17.10	18.50
3GPP Rel 8 DC-HSDPA Subtest-1	16.03	16.27	16.28	18.00	17.53	17.44	17.53	19.00
3GPP Rel 8 DC-HSDPA Subtest-2	15.93	16.12	16.05	18.00	17.38	17.34	17.39	19.00
3GPP Rel 8 DC-HSDPA Subtest-3	15.42	15.61	15.59	17.50	16.94	16.86	16.91	18.50
3GPP Rel 8 DC-HSDPA Subtest-4	15.47	15.52	15.55	17.50	16.96	16.77	16.88	18.50
3GPP Rel 6 HSUPA Subtest-1	16.02	15.83	16.11	18.00	17.66	17.46	17.59	19.00
3GPP Rel 6 HSUPA Subtest-2	14.71	14.82	14.72	16.00	15.75	15.63	15.71	17.00
3GPP Rel 6 HSUPA Subtest-3	15.28	15.44	15.56	17.00	16.79	16.56	16.74	18.00
3GPP Rel 6 HSUPA Subtest-4	14.11	14.05	14.06	16.00	15.33	15.11	15.16	17.00
3GPP Rel 6 HSUPA Subtest-5	15.80	15.90	15.80	18.00	17.08	17.08	17.18	19.00



Band 2 (1900MHz Band)										
Part 24E										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Ch / Freq	Power Hsp / Freq	Power Ch / Freq	Power Hsp / Freq	Turn-up init (dB)	MFR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.55	18.49	18.55				
20	QPSK	1	49	18.59	18.52	18.59				
20	QPSK	1	99	18.33	18.58	18.81				
20	QPSK	50	0	17.34	17.65	17.56				
20	QPSK	50	24	17.41	17.61	17.51				
20	QPSK	50	50	17.43	17.63	17.64				
20	QPSK	100	0	17.43	17.65	17.56				
20	QPSK	100	24	17.75	17.95	17.85				
20	QPSK	100	50	17.45	17.65	17.59				
20	QPSK	150	0	18.82	18.04	18.13				
20	QPSK	150	49	18.82	17.94	17.76				
20	QPSK	150	99	17.77	17.60	18.02				
20	QPSK	50	24	18.39	18.52	18.81				
20	QPSK	50	50	18.48	18.58	18.96				
20	QPSK	100	0	18.45	18.58	18.73				
20	QPSK	100	24	18.82	18.97	19.13				
20	QPSK	100	50	18.67	17.94	17.76				
20	QPSK	150	0	18.81	17.95	17.85				
20	QPSK	150	49	18.59	18.52	18.81				
20	QPSK	150	99	17.77	17.60	18.02				
20	QPSK	50	24	18.48	18.58	18.96				
20	QPSK	50	50	18.68	18.78	19.37				
20	QPSK	100	0	18.62	18.78	19.13				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.48	18.42	18.39				
15	QPSK	1	37	18.48	18.65	18.81				
15	QPSK	1	74	18.27	18.44	18.48				
15	QPSK	36	0	17.26	17.52	17.46				
15	QPSK	36	20	17.26	17.62	17.49				
15	QPSK	36	50	17.26	17.46	17.49				
15	QPSK	75	0	17.29	17.49	17.46				
15	QPSK	1	0	17.72	17.68	17.88				
15	QPSK	1	37	17.77	17.68	17.88				
15	QPSK	1	74	17.77	17.68	17.90				
15	QPSK	36	0	18.24	18.55	18.69				
15	QPSK	36	20	18.40	18.58	18.81				
15	QPSK	36	50	18.41	18.48	18.57				
15	QPSK	75	0	18.30	18.52	18.69				
15	QPSK	1	1	18.69	18.62	17.94				
15	QPSK	1	37	18.77	18.90	17.94				
15	QPSK	1	74	18.77	18.90	18.48				
15	QPSK	36	0	18.43	18.72	18.86				
15	QPSK	36	20	18.54	18.78	18.87				
15	QPSK	36	50	18.58	18.78	18.87				
15	QPSK	75	0	18.55	18.62	18.77				
Channel										
Frequency (MHz)										
10	QPSK	1	25	18.48	18.41	18.57				
10	QPSK	1	49	18.58	18.65	18.83				
10	QPSK	1	74	17.24	17.54	17.44				
10	QPSK	25	12	17.31	17.48	17.46				
10	QPSK	25	25	17.38	17.67	17.61				
10	QPSK	50	0	17.28	17.52	17.43				
10	QPSK	1	0	17.72	17.63	17.95				
10	QPSK	1	25	17.73	17.65	17.97				
10	QPSK	1	49	17.68	17.63	17.83				
10	QPSK	25	0	18.25	18.54	18.72				
10	QPSK	25	12	18.38	18.58	18.61				
10	QPSK	25	25	18.40	18.58	18.81				
10	QPSK	50	0	18.34	18.58	18.63				
10	QPSK	1	0	18.69	18.52	17.94				
10	QPSK	1	25	18.69	18.52	17.94				
10	QPSK	1	49	18.72	18.89	18.92				
10	QPSK	25	12	18.84	18.92	18.99				
10	QPSK	25	25	18.84	18.92	18.99				
10	QPSK	50	0	18.54	18.68	18.76				
10	QPSK	50	25	18.53	18.68	18.76				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.41	18.42	18.52				
5	QPSK	1	12	18.41	18.65	18.59				
5	QPSK	1	24	18.18	18.48	18.53				
5	QPSK	1	49	17.24	17.50	17.43				
5	QPSK	12	0	17.26	17.54	17.47				
5	QPSK	12	13	17.36	17.42	17.52				
5	QPSK	25	0	17.31	17.49	17.49				
5	QPSK	1	0	17.68	17.73	17.93				
5	QPSK	1	12	17.72	17.91	18.06				
5	QPSK	1	24	17.65	17.82	17.86				
5	QPSK	12	0	18.31	18.48	18.74				
5	QPSK	12	7	18.41	18.50	18.59				
5	QPSK	25	0	18.38	18.53	18.63				
5	QPSK	1	0	18.67	18.85	17.94				
5	QPSK	1	12	17.68	17.73	17.93				
5	QPSK	1	24	18.75	18.91	18.97				
5	QPSK	12	0	18.45	18.73	18.92				
5	QPSK	12	7	18.53	18.62	18.64				
5	QPSK	25	0	18.58	18.72	18.75				
5	QPSK	25	13	18.58	18.72	18.75				
5	QPSK	50	0	18.48	18.68	18.94				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.41	18.35	18.53				
3	QPSK	1	8	18.48	18.63	18.81				
3	QPSK	1	14	18.23	18.41	18.49				
3	QPSK	8	0	17.24	17.54	17.41				
3	QPSK	8	4	17.27	17.48	17.41				
3	QPSK	8	7	17.33	17.38	17.51				
3	QPSK	15	0	17.34	17.48	17.51				
3	QPSK	1	0	17.64	17.82	17.86				
3	QPSK	1	14	17.63	17.91	17.92				
3	QPSK	8	0	18.31	18.60	18.66				
3	QPSK	8	7	18.41	18.48	18.53				
3	QPSK	16	0	18.32	18.52	18.60				
3	QPSK	1	0	18.66	18.89	17.95				
3	QPSK	1	8	18.78	18.94	17.93				
3	QPSK	1	14	18.75	18.90	18.90				
3	QPSK	8	0	18.50	18.69	18.87				
3	QPSK	8	4	18.51	18.74	18.82				
3	QPSK	8	7	18.56	18.65	18.76				
3	QPSK	15	0	18.51	18.63	18.85				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.39	18.39	18.58				
1.4	QPSK	1	3	18.52	18.65	18.59				
1.4	QPSK	1	6	18.41	18.76	18.55				
1.4	QPSK	3	1	18.53	18.58	18.58				
1.4	QPSK	3	1	18.52	18.54	18.54				
1.4	QPSK	6	0	17.95	17.43	17.40				
1.4	QPSK	1	0	17.73	17.86	18.00				
1.4	QPSK	1	3	17.69	17.97	17.96				
1.4	QPSK	1	6	17.70	17.88	17.88				
1.4	QPSK	3	0	17.27	17.48	17.57				
1.4	QPSK	3	3	17.33	17.58	17.45				
1.4	QPSK	3	3	17.72	17.69	17.70				
1.4	QPSK	6	0	18.35	18.53	18.67				
1.4	QPSK	6	3	18.35	18.58	18.35				
1.4	QPSK	1	3	18.74	18.97	17.93				
1.4	QPSK	1	5	18.69	18.86	18.91				
1.4	QPSK	3	0	18.48	18.63	18.58				
1.4	QPSK	3	1	18.58	18.72	18.87				
1.4	QPSK	3	3	18.57	18.71	18.73				
1.4	QPSK	6	0	18.52	18.78	18.82				

Band 4 (AWS Band)										
Part 27L (only on channel required)										
BW (MHz)	Modulation	RIS Size	RIS Offset	Low Power Channel 20565	High Power Channel 20575	High Power Channel 20590	Turn-up init (dB)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.04	18.02	18.45				
20	QPSK	1	49	18.04	18.03	18.15			20.5	0
20	QPSK	1	99	18.30	18.84	19.03				
20	QPSK	50	0	18.20	17.85	18.18				
20	QPSK	50	24	18.14	18.09	18.19			19.5	1
20	QPSK	50	50	18.22	17.96	18.12				
20	QPSK	100	0	18.23	17.92	18.20				
20	QPSK	1	0	18.30	18.37	18.35				
20	QPSK	1	49	18.30	18.37	18.35			19.5	1
20	QPSK	1	99	18.29	18.29	18.45				
20	QPSK	50	0	17.21	16.85	17.20				
20	QPSK	50	24	17.17	17.17	17.17			18.5	2
20	QPSK	50	50	17.26	16.90	17.15				
20	QPSK	100	0	17.22	16.62	17.22				
20	QPSK	1	0	17.41	17.59	17.38				
20	QPSK	1	49	17.53	17.55	17.53			18.5	2
20	QPSK	1	99	17.32	17.32	17.48				
20	QPSK	50	0	16.55	16.55	16.55				
20	QPSK	50	24	16.33	16.33	16.41			17.5	1
20	QPSK	50	50	16.41	16.15	16.34				
20	QPSK	100	0	16.53	16.16	16.29				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.51	17.47				
15	QPSK	1	49	18.00	18.00	18.00			20.5	0
15	QPSK	1	99	18.04	18.84	19.03				
15	QPSK	50	0	18.07	17.89	18.18				
15	QPSK	50	24	18.10	18.00	18.11				
15	QPSK	50	50	18.12	17.90	18.05				
15	QPSK	100	0	18.00	17.86	18.25				
15	QPSK	1	0	18.29	18.29	18.25				
15	QPSK	1	37	18.39	18.37	18.40			19.5	1
15	QPSK	1	74	18.13	18.13	18.13				
15	QPSK	50	0	17.13	17.13	17.13			18.5	2
15	QPSK	50	24	16.99	17.02	17.15				
15	QPSK	50	50	17.02	16.75	17.05			18.5	2
15	QPSK	100	0	17.08	16.78	17.15				
15	QPSK	1	0	17.30	17.31	17.24				
15	QPSK	1	49	17.42	17.42	17.42			18.5	2
15	QPSK	1	74	17.25	17.25	17.35				
15	QPSK	50	0	16.32	15.90	16.28				
15	QPSK	50	24	16.38	16.16	16.16			17.5	3
15	QPSK	50	50	16.32	16.03	16.27				
15	QPSK	75	0	16.32	16.08	16.29				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.04	18.86	18.79				
10	QPSK	1	25	18.00	18.90	19.01			20.5	0
10	QPSK	50	0	18.09	17.85	18.18				
10	QPSK	50	24	18.08	17.74	18.11				
10	QPSK	50	50	18.07	18.01	18.10				
10	QPSK	100	0	18.06	17.76	18.05				
10	QPSK	1	0	18.27	18.24	18.28				
10	QPSK	1	49	18.28	18.48	18.45				
10	QPSK	1	49	18.19	18.21	18.34				
10	QPSK	25	0	17.15	17.19	17.19			18.5	2
10	QPSK	25	24	17.42	17.04	17.07				
10	QPSK	25	25	17.14	16.86	17.08			18.5	2
10	QPSK	50	0	17.00	16.85	17.11				
10	QPSK	50	24	17.35	17.27	17.34				
10	QPSK	1	26	17.37	17.43	17.44			18.5	2
10	QPSK	1	49	17.25	17.27	17.37				
10	QPSK	25	0	16.28	15.98	16.31				
10	QPSK	25	24	16.27	16.19	16.28			17.5	3
10	QPSK	25	25	16.02	15.90	16.01				
10	QPSK	50	0	16.32	16.03	16.27				
10	QPSK	75	0	16.32	16.03	16.27				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.08	18.88	18.79				
5	QPSK	1	12	18.03	18.92	18.90			20.5	0
5	QPSK	1	24	18.77	19.11	19.00				
5	QPSK	10	0	18.09	17.75	18.03				
5	QPSK	12	7	18.01	18.02	18.04			19.5	1
5	QPSK	12	13	18.12	17.86	18.13				
5	QPSK	12	13	18.12	17.86	18.13				
5	QPSK	1	0	18.36	18.24	18.23			19.5	1
5	QPSK	1	12	18.30	18.39	18.41				
5	QPSK	1	24	18.30	18.39	18.41				
5	QPSK	12	7	17.07	16.72	17.11			18.5	2
5	QPSK	12	7	17.07	16.72	17.11				
5	QPSK	12	13	17.11	16.85	17.03				
5	QPSK	25	0	17.15	16.80	17.06				
5	QPSK	1	0	17.32	17.20	17.24			18.5	2
5	QPSK	1	12	17.41	17.48	17.48				
5	QPSK	1	24	17.18	17.18	17.35				
5	QPSK	12	13	16.23	15.98	16.24			17.5	3
5	QPSK	12	13	16.23	15.98	16.24				
5	QPSK	25	0	16.31	16.08	16.18				
5	QPSK	25	24	16.31	15.99	16.27				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.02	18.73	18.63				
3	QPSK	1	8	18.02	18.73	18.63			20.5	0
3	QPSK	1	14	18.80	18.87	18.91				
3	QPSK	8	0	18.07	17.70	18.04				
3	QPSK	8	7	18.04	17.68	17.99			19.5	1
3	QPSK	8	7	18.07	17.83	17.90				
3	QPSK	15	0	18.16	17.81	18.24				
3	QPSK	15	0	18.16	17.81	18.24				
3	QPSK	1	0	18.38	18.40	18.38			19.5	1
3	QPSK	1	14	18.21	18.17	18.35				
3	QPSK	1	14	18.21	18.17	18.35				
3	QPSK	8	7	17.16	16.80	17.04			18.5	2
3	QPSK	8	7	17.16	16.80	17.04				
3	QPSK	1	0	17.32	17.40	17.41			18.5	2
3	QPSK	1	0	17.32	17.40	17.41				
3	QPSK	8	0	17.43	17.40	17.41				
3	QPSK	8	0	17.43	17.40	17.41				
3	QPSK	8	0	19.31	19.30	19.34			17.5	3
3	QPSK	8	0	19.31	19.30	19.34				
3	QPSK	16	0	19.31	19.07	19.33				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.00	18.91	18.84				
1.4	QPSK	1	3	19.07	18.93	18.96			20.5	0
1.4	QPSK	1	3	19.07	18.93	18.96				
1.4	QPSK	3	0	19.03	19.04	19.04				
1.4	QPSK	3	3	19.04	19.05	19.01				
1.4	QPSK	6	0	18.12	18.71	18.71			19.5	1
1.4	QPSK	6	0	18.12	18.79	18.80				
1.4	QPSK	1	0	18.25	18.21	18.23				
1.4	QPSK	1	3	18.43	18.41	18.43				
1.4	QPSK	1	6	18.17	18.20	18.31			19.5	1
1.4	QPSK	3	0	18.12	17.88	18.08				
1.4	QPSK	3	0	18.24	18.24	18.27			18.5	2
1.4	QPSK	3	3	18.38	18.38	18.35				
1.4	QPSK	6	0	17.09	16.83	17.15			18.5	2
1.4	QPSK	6	0	17.09	16.83	17.15				
1.4	QPSK	1	0	17.46	17.45	17.51				
1.4	QPSK	1	3	17.19	17.18	17.30			18.5	2
1.4	QPSK	1	3	17.19	17.18	17.30				
1.4	QPSK	3	0	17.15	17.29	17.40				
1.4	QPSK	3	3	17.20	17.18	17.33			17.5	3
1.4	QPSK	3	3	18.07	18.07	18.07				

Downlink CA Power_2CA

CA List	PCC							SCC				Power	
	LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
	Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
			(MHz)				Offset					(dBm)	(dBm)
CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	22.52	22.81
	Band 7	20M	2535	21100	QPSK	1	49	Band 2	20M	1960	900	22.45	22.64
CA_4A-7A	Band 4	20M	1745	20300	QPSK	1	49	Band 7	20M	2655	3100	22.41	22.49
	Band 7	20M	2535	21100	QPSK	1	49	Band 4	20M	2132.5	2175	22.44	22.64
CA_4A-12A	Band 4	20M	1745	20300	QPSK	1	49	Band 12	10M	737.5	5095	22.31	22.49
	Band 12	10M	707.5	23095	QPSK	1	49	Band 4	20M	2132.5	2175	22.61	22.80
CA_4A-17A	Band 4	20M	1745	20300	QPSK	1	49	Band 17	10M	740	5790	22.31	22.49
	Band 17	10M	710	23790	QPSK	1	49	Band 4	20M	2132.5	2175	22.56	22.69
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	25	Band 7	20M	2655	3100	22.66	22.85
	Band 7	20M	2535	21100	QPSK	1	49	Band 5	10M	881.5	2525	22.43	22.64
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	25	Band 66	20M	2155	66886	22.65	22.85
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	22.18	22.60
CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	49	Band 66	20M	2155	66886	22.66	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	22.15	22.60
CA_7B	Band 7	15M	2535	21100	QPSK	1	37	Band 7	5M	2664.3	3193	22.48	22.54
CA_66B	Band 66	15M	1772.5	132597	QPSK	1	37	Band 66	5M	2183.2	67168	22.49	22.41
CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	22.41	22.60
CA_4A-4A	Band 4	20M	1745	20300	QPSK	1	49	Band 4	5M	2112.5	1975	22.15	22.49
CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	49	Band 7	5M	2687.5	3425	22.38	22.64

Downlink CA Power_3CA

CA List	PCC							SCC1				SCC2				Power	
	LTE	BW	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA	
	Band	(MHz)	Freq		RB	RB	Band	(MHz)	Freq	Channel	Band	(MHz)	Freq	Channel	Tx Power	Tx Power	
			(MHz)			Offset			(MHz)				(dBm)		(dBm)		
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.40	22.81
	Band 4	20M	1745	20300	QPSK	1	25	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.36	22.49
	Band 5	10M	829	20450	QPSK	1	25	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.73	22.85

CA List	PCC							SCC1				SCC2				Power	
	LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
			(MHz)							Offset				(MHz)		(MHz)	(dBm)
CA_4A-7C	Band 4	20M	1745	20300	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.22	22.49
CA_7A-66A-66A	Band 7	20M	2535	21100	QPSK	1	49	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	22.36	22.64
	Band 7	20M	2535	21100	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.42	22.64
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	22.41	22.60

WLAN/Bluetooth Power

2.4GHz WLAN		Ant 3	Full Power&Handheld				At Head&Body Worn&Hotspot		
Mode		Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.58	20.00	18.06	19.50	100.00	
		6	2437	18.40	20.00	18.03	19.50		
		11	2462	18.28	20.00	17.96	19.50		
	802.11g 6Mbps	1	2412	15.01	17.00	15.01	17.00	96.97	
		6	2437	18.02	20.00	18.02	19.50		
		11	2462	15.35	17.00	15.35	17.00		
	802.11n-HT20 MCS0	1	2412	14.26	16.00	14.26	16.00	96.24	
		6	2437	16.81	18.50	16.81	18.50		
		11	2462	13.78	15.50	13.78	15.50		

5GHz WLAN	Ant 3	Full Power&At Head&Body Worn&Handheld					At Hotspot		
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	36	5180	16.59	18.00	Not Required	16.50	96.97	
		40	5200	16.54	18.00		16.50		
		44	5220	16.49	18.00		16.50		
		48	5240	16.51	18.00		16.50		
	802.11n-HT20 MCS0	36	5180	16.36	18.00		16.50	96.76	
		40	5200	16.29	18.00		16.50		
		44	5220	16.40	18.00	16.50			
		48	5240	16.46	18.00	16.50			
	802.11n-HT40 MCS0	38	5190	14.90	16.50	14.90	16.50	93.68	
		46	5230	15.80	17.50	14.90	16.50		
		802.11ac-VHT20 MCS0	36	5180	16.58	18.00	Not Required	16.50	96.79
			40	5200	16.35	18.00		16.50	
	44		5220	16.43	18.00	16.50			
	48		5240	16.56	18.00	16.50			
	802.11ac-VHT40 MCS0	38	5190	14.87	16.50	16.50		93.75	
		46	5230	15.80	17.50	16.50			
		802.11ac-VHT80 MCS0	42	5210	14.03	15.00	15.00		88.19

5GHz WLAN		Ant 3		Full Power&At Head&Body Worn&Handheld				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
	802.11a 6Mbps	52	5260	16.55	18.00	96.97		
		56	5280	16.48	18.00			
		60	5300	16.46	18.00			
		64	5320	16.05	18.00			
	802.11n-HT20 MCS0	52	5260	16.25	18.00	96.76		
		56	5280	16.22	18.00			
		60	5300	16.29	18.00			
		64	5320	16.47	18.00			
	802.11n-HT40 MCS0	54	5270	15.83	17.50	93.68		
		62	5310	15.85	17.50			
		802.11ac-VHT20 MCS0	52	5260	16.57		18.00	96.79
			56	5280	16.36		18.00	
	60		5300	16.43	18.00			
	64		5320	16.48	18.00			
	802.11ac-VHT40 MCS0	54	5270	15.95	17.50	93.75		
		62	5310	15.43	17.00			
		802.11ac-VHT80 MCS0	58	5290	13.03		14.00	88.19

5GHz WLAN	Ant 3	Full Power&Handheld					At Head		At Body Worn		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.31	18.00	Not Required	15.00	Not Required	17.50	96.97	
		116	5580	16.45	18.00		15.00		17.50		
		124	5620	16.07	18.00		15.00		17.50		
		132	5660	16.35	18.00		15.00		17.50		
		140	5700	16.44	18.00		15.00		17.50		
		144	5720	16.35	18.00		15.00		17.50		
	802.11n-VHT20 MCS0	100	5500	15.60	17.00		15.00		17.00	96.76	
		116	5580	16.17	18.00		15.00		17.50		
		124	5620	16.37	18.00		15.00		17.50		
		132	5660	16.06	18.00		15.00		17.50		
		140	5700	15.26	17.00		15.00		17.00		
		144	5720	16.09	18.00		15.00		17.50		
	802.11n-VHT40 MCS0	102	5510	13.16	14.50	14.50	14.50	93.68			
		110	5550	15.75	17.50	15.00	15.75		17.50		
		126	5630	15.83	17.50	15.00	15.83		17.50		
		134	5670	15.55	17.50	15.00	15.55		17.50		
		142	5710	15.74	17.50	15.00	15.74		17.50		
		100	5500	15.86	17.00	15.00	17.00				
	802.11ac-VHT20 MCS0	116	5580	16.31	18.00	15.00	17.50	96.79			
		124	5620	16.32	18.00	15.00	17.50				
		132	5660	16.31	18.00	15.00	17.50				
		140	5700	15.43	17.00	15.00	17.00				
		144	5720	16.30	18.00	15.00	17.50				
		102	5510	12.81	14.50	14.50	14.50				
	802.11ac-VHT40 MCS0	110	5550	16.00	17.50	15.00	17.50	93.75			
		126	5630	15.80	17.00	15.00	17.00				
		134	5670	15.52	17.50	15.00	17.50				
		142	5710	15.69	17.50	15.00	17.50				
		106	5530	12.53	14.00	12.53	14.00				
		122	5610	15.36	17.00	13.31	15.00				
	802.11ac-VHT80 MCS0	138	5690	15.27	17.00	13.20	15.00	17.00	88.19		

5GHz WLAN		Ant 3		Full Power&Body Worn&Handheld			At Head&Hotspot		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	149	5745	16.49	18.00	Not Required	15.00	96.97	
		157	5785	16.44	18.00		15.00		
		165	5825	16.47	18.00		15.00		
	802.11n-HT20 MCS0	149	5745	16.22	18.00		15.00	96.76	
		157	5785	16.17	18.00		15.00		
		165	5825	16.31	18.00	15.00			
	802.11n-HT40 MCS0	151	5755	15.87	17.50	Not Required	15.00	93.68	
		159	5795	15.85	17.50		15.00		
		149	5745	16.47	18.00		15.00		
	802.11ac-VHT20 MCS0	157	5785	16.36	18.00		15.00	96.79	
		165	5825	16.37	18.00		15.00		
		151	5755	15.82	17.50	15.00			
	802.11ac-VHT40 MCS0	159	5795	15.70	17.50	13.31	15.00	93.75	
		155	5775	15.31	17.00		15.00		
802.11ac-VHT80 MCS0							15.00		88.19

BT BREDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	9.74	7.89	7.85	11.50
	CH 39	2441	9.76	7.28	7.18	11.50
	CH 78	2480	10.13	8.04	7.93	12.00

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-2.53
	CH 19	2440	-2.58
	CH 39	2480	-2.47
	Tune-up Limit		0.00

BT LE V5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-2.38
	CH 19	2440	-1.93
	CH 39	2480	-2.27
	Tune-up Limit		0.00