

10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	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	AAC	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	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAC	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	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAA	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	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAA	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	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 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

GSM900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	133	169	251		128	169	251	
Frequency (MHz)	824.2	836.4	848.8	33.50	824.2	836.4	848.8	24.50
GSM 1 Tx slot	32.44	32.27	32.33	33.50	23.44	23.27	23.33	24.50
GPRS 1 Tx slot	32.43	32.26	32.31	33.50	23.43	23.26	23.31	24.50
GPRS 2 Tx slots	31.44	31.89	31.92	32.50	25.44	25.89	25.92	26.50
GPRS 3 Tx slots	29.55	29.32	29.41	30.50	25.29	25.06	25.15	26.24
GPRS 4 Tx slots	26.84	27.27	27.22	28.00	23.84	24.27	24.22	25.00
EDGE 1 Tx slot	26.33	26.33	26.50	28.00	17.33	17.33	17.50	19.00
EDGE 2 Tx slots	24.51	24.54	24.54	25.50	18.51	18.54	18.54	19.50
EDGE 3 Tx slots	22.86	22.93	22.84	23.50	18.60	18.67	18.58	19.24
EDGE 4 Tx slots	20.74	20.72	20.84	21.50	17.74	17.72	17.84	18.50

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1869.8	30.50	1850.2	1860	1869.8	21.50
GSM 1 Tx slot	29.67	29.74	29.85	30.50	20.67	20.74	20.85	21.50
GPRS 1 Tx slot	29.66	29.73	29.83	30.50	20.66	20.73	20.83	21.50
GPRS 2 Tx slots	29.44	29.67	29.66	30.00	23.44	23.67	23.66	24.00
GPRS 3 Tx slots	27.18	27.17	27.30	28.00	22.92	22.91	23.04	23.74
GPRS 4 Tx slots	24.30	24.10	24.09	25.50	21.30	21.10	21.09	22.50
EDGE 1 Tx slot	26.31	26.41	26.40	27.50	17.31	17.41	17.40	18.50
EDGE 2 Tx slots	25.11	25.26	25.16	26.50	19.11	19.26	19.16	20.50
EDGE 3 Tx slots	22.94	23.10	22.98	24.00	18.68	18.84	18.72	19.74
EDGE 4 Tx slots	20.83	20.93	20.84	21.50	17.83	17.93	17.84	18.50

Band	TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
		9262	9400	9538		4132	4182	4233	
	9262	9662	9800	9938	4387	4407	4458		
	Frequency (MHz)	1852.4	1860	1867.8	1852.4	1860	1867.8		
3GPP Rel 99	AMR 12.2kbps	22.82	23.03	23.00	24.00	23.21	23.22	23.04	24.00
3GPP Rel 99	RMC 12.2kbps	22.83	23.05	23.01	24.00	23.23	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.90	22.09	23.00	22.19	22.19	22.02	23.00
3GPP Rel 6	HSDPA Subtest-2	21.81	21.93	22.04	23.00	22.16	22.17	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	21.32	21.43	21.60	22.50	21.69	21.67	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.44	21.55	22.50	21.67	21.68	21.51	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.83	21.89	22.08	23.00	22.17	22.18	22.01	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.80	21.80	22.01	23.00	22.15	22.15	22.02	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.30	21.42	21.59	22.50	21.66	21.62	21.49	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.31	21.41	21.54	22.50	21.65	21.67	21.50	22.50
3GPP Rel 6	HSUPA Subtest-1	21.86	21.97	22.10	23.00	22.21	22.22	22.05	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.99	20.09	21.00	20.23	20.22	20.05	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.98	21.07	22.00	21.22	21.21	21.04	22.00
3GPP Rel 6	HSUPA Subtest-4	19.83	19.98	20.10	21.00	20.22	20.20	20.02	21.00
3GPP Rel 6	HSUPA Subtest-5	21.90	22.00	22.10	23.00	22.20	22.20	22.10	23.00



Band 2 (1800MHz Band)												
Part 2E												
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												
Frequency (MHz)												
20	QPSK	1	0	23.20	23.36	23.14	24	0				
20	QPSK	1	49	22.91	22.91	23.04						
20	QPSK	1	99	23.25	23.27	23.24						
20	QPSK	50	0	22.02	22.13	22.11						
20	QPSK	50	24	21.92	21.93	22.05	23	1				
20	QPSK	50	50	21.85	21.99	22.12						
20	QPSK	100	0	22.00	22.18	22.17						
20	16QAM	1	0	22.12	22.15	22.18						
20	16QAM	1	49	21.76	21.83	21.92	23	1				
20	16QAM	1	99	22.05	22.06	21.95						
20	16QAM	50	0	21.00	20.99	21.15						
20	16QAM	50	24	20.95	20.94	21.07						
20	16QAM	50	50	20.99	21.01	21.12	22	2				
20	16QAM	100	0	20.98	20.99	21.15						
20	64QAM	1	0	21.45	21.44	21.56						
20	64QAM	1	49	21.63	21.64	21.65						
20	64QAM	1	99	21.86	21.87	21.82	22	2				
20	64QAM	50	0	20.64	20.62	20.77						
20	64QAM	50	24	20.56	20.55	20.68						
20	64QAM	50	50	20.61	20.64	20.76						
20	64QAM	100	0	20.65	20.65	20.75	21	3				
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.64	22.64	22.67			24	0		
15	QPSK	1	37	22.66	22.66	23.03						
15	QPSK	1	74	23.06	23.13	23.14						
15	QPSK	36	0	21.74	21.75	21.87						
15	QPSK	36	20	21.69	21.71	21.89	23	1				
15	QPSK	36	39	21.76	21.79	21.93						
15	QPSK	75	0	21.72	21.76	21.93						
15	16QAM	1	0	21.89	21.97	22.03						
15	16QAM	1	37	21.53	21.56	21.87	23	1				
15	16QAM	1	74	21.96	21.95	21.96						
15	16QAM	36	0	20.74	20.76	20.85						
15	16QAM	36	20	20.71	20.73	20.91						
15	16QAM	36	39	20.74	20.79	20.89	22	2				
15	16QAM	75	0	20.73	20.78	20.95						
15	64QAM	1	0	20.97	21.11	21.15						
15	64QAM	1	37	20.71	20.72	20.90						
15	64QAM	1	74	21.00	21.07	20.98	22	2				
15	64QAM	36	0	20.97	20.97	20.95						
15	64QAM	36	20	20.34	20.37	20.54						
15	64QAM	36	39	20.35	20.39	20.52						
15	64QAM	75	0	20.36	20.42	20.58	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.71	22.76	22.94			24	0		
10	QPSK	1	25	22.73	22.77	22.97						
10	QPSK	1	49	23.05	23.15	23.16						
10	QPSK	25	0	22.63	22.79	21.99						
10	QPSK	25	12	21.69	21.77	21.92	23	1				
10	QPSK	25	25	21.71	21.81	21.93						
10	QPSK	50	0	21.71	21.77	21.95						
10	16QAM	1	0	21.84	21.90	21.99						
10	16QAM	1	25	21.59	21.64	21.71	23	1				
10	16QAM	1	49	21.84	21.91	21.85						
10	16QAM	25	0	20.77	20.82	20.99						
10	16QAM	25	12	20.71	20.78	20.94						
10	16QAM	25	25	20.75	20.81	21.01	22	2				
10	16QAM	50	0	20.75	20.81	21.04						
10	64QAM	1	0	20.93	21.04	21.15						
10	64QAM	1	25	20.79	20.77	20.90						
10	64QAM	1	49	20.97	21.09	20.98	22	2				
10	64QAM	25	0	20.39	20.43	20.65						
10	64QAM	25	12	20.35	20.42	20.58						
10	64QAM	25	25	20.36	20.45	20.56						
10	64QAM	50	0	20.44	20.51	20.60	21	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.67	22.68	22.82			24	0		
5	QPSK	1	12	22.74	22.76	22.97						
5	QPSK	1	24	22.71	22.77	22.95						
5	QPSK	12	0	21.91	21.96	22.12						
5	QPSK	12	7	21.86	21.93	22.05	23	1				
5	QPSK	12	13	21.80	21.90	22.03						
5	QPSK	25	0	21.89	21.94	22.09						
5	16QAM	1	0	22.07	22.07	22.43						
5	16QAM	1	12	22.05	22.14	22.24	23	1				
5	16QAM	1	24	22.07	22.15	22.29						
5	16QAM	12	0	20.92	20.99	21.14						
5	16QAM	12	7	20.84	20.97	21.11						
5	16QAM	12	13	20.86	20.92	21.07	22	2				
5	16QAM	25	0	20.88	20.95	21.10						
5	64QAM	1	0	21.03	21.09	21.23						
5	64QAM	1	12	20.85	20.94	21.04						
5	64QAM	1	24	20.88	20.96	21.03	22	2				
5	64QAM	12	0	20.36	20.43	20.61						
5	64QAM	12	7	20.29	20.38	20.50						
5	64QAM	12	13	20.27	20.34	20.50						
5	64QAM	25	0	20.30	20.37	20.56	21	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.80	22.81	22.72			24	0		
3	QPSK	1	8	22.74	22.79	22.97						
3	QPSK	1	14	22.69	22.72	22.90						
3	QPSK	8	4	21.87	21.94	22.08						
3	QPSK	8	4	21.85	21.92	22.08	23	1				
3	QPSK	8	7	21.82	21.91	22.05						
3	QPSK	15	0	21.86	21.89	22.05						
3	16QAM	1	0	21.89	21.92	22.19						
3	16QAM	1	8	21.85	21.90	22.07	23	1				
3	16QAM	1	14	21.77	21.86	21.93						
3	16QAM	8	0	20.92	21.01	21.10						
3	16QAM	8	4	20.92	20.99	21.10						
3	16QAM	8	7	20.86	20.96	21.06	22	2				
3	16QAM	15	0	20.86	20.93	21.11						
3	64QAM	1	0	21.00	21.01	21.18						
3	64QAM	1	8	20.98	21.02	21.10						
3	64QAM	1	14	20.83	20.98	21.08	22	2				
3	64QAM	8	0	20.34	20.40	20.56						
3	64QAM	8	4	20.33	20.37	20.51						
3	64QAM	8	7	20.28	20.35	20.51						
3	64QAM	15	0	20.31	20.34	20.51	21	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.72	22.50	22.65			24	0		
1.4	QPSK	1	3	22.72	22.81	22.93						
1.4	QPSK	1	5	22.69	22.70	22.81						
1.4	QPSK	3	0	22.76	22.77	22.91						
1.4	QPSK	3	1	22.72	22.81	22.92	23	1				
1.4	QPSK	3	1	22.66	22.77	22.92						
1.4	QPSK	6	0	21.78	21.84	22.00						
1.4	16QAM	1	0	22.18	22.21	22.43						
1.4	16QAM	1	3	22.18	22.25	22.36	23	1				
1.4	16QAM	1	5	22.14	22.21	22.28						
1.4	16QAM	3	0	21.88	21.95	22.04						
1.4	16QAM	3	1	21.92	21.95	22.03						
1.4	16QAM	3	3	21.85	21.92	21.99	22	2				
1.4	16QAM	6	0	20.88	20.94	21.15						
1.4	64QAM	1	0	20.91	20.96	21.14						
1.4	64QAM	1	3	20.96	20.98	21.11						
1.4	64QAM	1	5	20.85	20.92	21.07	22	2				
1.4	64QAM	3	0	20.75	20.86	20.89						
1.4	64QAM	3	1	20.82	20.85	20.96						
1.4	64QAM	3	3	20.75	20.80	20.89						
1.4	64QAM	6	0	20.24	20.30	20.46	21	3				

Band 5 (Cellular Band)										
Part 22 (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										
Frequency (MHz)										
10	QPSK	1	0	23.17	23.25	23.09	24	0		
10	QPSK	1	25	22.82	22.77	22.81				
10	QPSK	1	49	23.11	23.12	23.10				
10	QPSK	25	0	22.02	22.09	21.84				
10	QPSK	25	12	22.00	21.97	21.75	23	1		
10	QPSK	25	25	22.08	21.94	21.88				
10	QPSK	50	0	22.15	22.17	21.80				
10	16QAM	1	0	22.04	22.15	21.98				
10	16QAM	1	25	21.90	21.79	21.81	23	1		
10	16QAM	1	49	22.18	21.98	21.94				
10	16QAM	25	0	21.07	20.97	20.84				
10	16QAM	25	12	21.01	21.00	20.76				
10	16QAM	25	25	21.08	21.03	20.84	22	2		
10	16QAM	50	0	21.11	21.00	20.81				
10	64QAM	1	0	21.13	21.06	21.06				
10	64QAM	1	25	21.00	20.93	21.04				
10	64QAM	1	49	21.28	21.09	21.03	22	2		
10	64QAM	25	0	20.47	20.42	20.26				
10	64QAM	25	12	20.46	20.41					



Band 26 for FCC (only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.21	23.27	23.20	24	0	
15	QPSK	1	37	22.89	22.86	22.82			
15	QPSK	1	74	23.19	23.26	23.19			
15	QPSK	36	0	22.65	22.65	22.64	23	1	
15	QPSK	36	20	22.40	22.58	22.52			
15	QPSK	36	39	22.35	22.57	22.46			
15	QPSK	75	0	22.45	22.26	22.62	23	1	
15	16QAM	1	0	22.56	22.60	22.79			
15	16QAM	1	37	22.40	22.39	22.40			
15	16QAM	1	74	22.79	22.88	22.59	22	2	
15	16QAM	36	0	21.63	21.72	21.85			
15	16QAM	36	20	21.38	21.55	21.49			
15	16QAM	36	39	21.38	21.53	21.36	22	2	
15	16QAM	75	0	21.43	21.55	21.37			
15	64QAM	1	0	21.60	21.70	21.84			
15	64QAM	1	37	21.54	21.62	21.51	22	2	
15	64QAM	1	74	21.90	21.67	21.72			
15	64QAM	36	0	20.51	20.59	20.73			
15	64QAM	36	20	20.26	20.41	20.38	21	3	
15	64QAM	36	39	20.46	20.40	20.44			
15	64QAM	75	0	20.32	20.43	20.48			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	841			
10	QPSK	1	0	23.06	23.01	23.11	24	0	
10	QPSK	1	25	22.79	22.94	22.76			
10	QPSK	1	49	23.08	23.24	23.03			
10	QPSK	25	0	22.54	22.67	22.59	23	1	
10	QPSK	25	12	22.52	22.63	22.48			
10	QPSK	25	25	22.61	22.78	22.54			
10	QPSK	50	0	22.59	22.68	22.53	23	1	
10	16QAM	1	0	22.63	22.69	22.71			
10	16QAM	1	25	22.37	22.55	22.31			
10	16QAM	1	49	22.66	22.81	22.60	22	2	
10	16QAM	25	0	21.53	21.67	21.63			
10	16QAM	25	12	21.54	21.63	21.48			
10	16QAM	25	25	21.56	21.72	21.49	22	2	
10	16QAM	50	0	21.56	21.67	21.56			
10	64QAM	1	0	21.70	21.80	21.78			
10	64QAM	1	25	21.47	21.61	21.55	22	2	
10	64QAM	1	49	21.77	21.91	21.84			
10	64QAM	25	0	20.39	20.54	20.51			
10	64QAM	25	12	20.40	20.51	20.38	21	3	
10	64QAM	25	25	20.45	20.60	20.37			
10	64QAM	50	0	20.41	20.52	20.42			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.08	23.11	22.89	24	0	
5	QPSK	1	12	23.10	23.26	23.06			
5	QPSK	1	24	23.11	23.23	23.10			
5	QPSK	12	0	22.49	22.66	22.43	23	1	
5	QPSK	12	7	22.46	22.62	22.43			
5	QPSK	12	13	22.50	22.65	22.40			
5	QPSK	25	0	22.48	22.61	22.41	23	1	
5	16QAM	1	0	22.78	22.89	22.69			
5	16QAM	1	12	22.73	22.85	22.61			
5	16QAM	1	24	22.74	22.94	22.66	22	2	
5	16QAM	12	0	21.50	21.67	21.46			
5	16QAM	12	7	21.46	21.63	21.45			
5	16QAM	12	13	21.45	21.63	21.42	22	2	
5	16QAM	25	0	21.47	21.60	21.44			
5	64QAM	1	0	21.55	21.69	21.48			
5	64QAM	1	12	21.47	21.62	21.42	22	2	
5	64QAM	1	24	21.50	21.69	21.43			
5	64QAM	12	0	20.34	20.54	20.33			
5	64QAM	12	7	20.32	20.49	20.30	21	3	
5	64QAM	12	13	20.34	20.49	20.30			
5	64QAM	25	0	20.37	20.47	20.31			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.13	23.12	22.86	24	0	
3	QPSK	1	8	23.06	22.89	22.86			
3	QPSK	1	14	23.11	22.86	22.87			
3	QPSK	8	0	22.67	22.74	22.49	23	1	
3	QPSK	8	4	22.63	22.76	22.46			
3	QPSK	8	7	22.78	22.75	22.50			
3	QPSK	15	0	22.68	22.40	22.48	23	1	
3	16QAM	1	0	22.69	22.34	22.44			
3	16QAM	1	8	22.55	22.46	22.39			
3	16QAM	1	14	22.81	22.41	22.40	22	2	
3	16QAM	8	0	21.65	21.41	21.54			
3	16QAM	8	4	21.61	21.45	21.44			
3	16QAM	8	7	21.70	21.41	21.43	22	2	
3	16QAM	15	0	21.67	21.53	21.47			
3	64QAM	1	0	21.80	21.44	21.55			
3	64QAM	1	8	21.61	21.50	21.47	22	2	
3	64QAM	1	14	21.91	21.47	21.50			
3	64QAM	8	0	20.54	20.32	20.34			
3	64QAM	8	4	20.51	20.39	20.32	21	3	
3	64QAM	8	7	20.60	20.34	20.34			
3	64QAM	15	0	20.52	20.31	20.37			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.78	22.89	22.71	24	0	
1.4	QPSK	1	3	23.05	23.20	23.01			
1.4	QPSK	1	5	23.01	23.14	22.98			
1.4	QPSK	3	0	23.08	23.18	22.98	23	1	
1.4	QPSK	3	1	23.08	23.20	23.00			
1.4	QPSK	3	3	23.04	23.20	22.99			
1.4	QPSK	6	0	22.46	22.60	22.40	23	1	
1.4	16QAM	1	0	22.79	22.90	22.68			
1.4	16QAM	1	3	22.80	22.96	22.80			
1.4	16QAM	1	5	22.78	22.93	22.75	23	1	
1.4	16QAM	3	0	22.58	22.68	22.43			
1.4	16QAM	3	1	22.54	22.72	22.47			
1.4	16QAM	3	3	22.53	22.70	22.43	22	2	
1.4	16QAM	6	0	21.53	21.69	21.53			
1.4	64QAM	1	0	21.52	21.61	21.44			
1.4	64QAM	1	3	21.52	21.71	21.50	22	2	
1.4	64QAM	1	5	21.49	21.63	21.47			
1.4	64QAM	3	0	21.46	21.56	21.32			
1.4	64QAM	3	1	21.47	21.61	21.38	21	3	
1.4	64QAM	3	3	21.44	21.57	21.34			
1.4	64QAM	6	0	20.34	20.51	20.31			



Band 38(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				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.33	23.42	23.32	24	0	
20	QPSK	1	49	23.03	23.00	22.94			
20	QPSK	1	99	23.12	23.12	23.19			
20	QPSK	50	0	22.76	22.79	22.73	23	1	
20	QPSK	50	24	22.77	22.75	22.78			
20	QPSK	50	50	22.69	22.73	22.58			
20	QPSK	100	0	22.72	22.78	22.77	23	1	
20	16QAM	1	0	22.59	22.63	22.68			
20	16QAM	1	49	22.62	22.57	22.61			
20	16QAM	1	99	22.69	22.69	22.70	22	2	
20	16QAM	50	0	21.46	21.45	21.44			
20	16QAM	50	24	21.48	21.45	21.49			
20	16QAM	50	50	21.51	21.45	21.54	22	2	
20	16QAM	100	0	21.51	21.45	21.49			
20	64QAM	1	0	21.56	21.51	21.63			
20	64QAM	1	49	21.44	21.48	21.56	22	2	
20	64QAM	1	99	21.62	21.73	21.62			
20	64QAM	50	0	20.65	20.63	20.62			
20	64QAM	50	24	20.66	20.61	20.64	21	3	
20	64QAM	50	50	20.67	20.62	20.72			
20	64QAM	100	0	20.75	20.71	20.74			
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.29	23.31	23.30	24	0	
15	QPSK	1	37	23.04	22.95	23.04			
15	QPSK	1	74	23.15	23.13	23.10			
15	QPSK	36	0	22.73	22.66	22.73	23	1	
15	QPSK	36	20	22.78	22.75	22.78			
15	QPSK	36	39	22.48	22.40	22.51			
15	QPSK	75	0	22.53	22.40	22.43	23	1	
15	16QAM	1	0	22.57	22.57	22.54			
15	16QAM	1	37	22.72	22.72	22.74			
15	16QAM	1	74	22.67	22.69	22.67	23	1	
15	16QAM	36	0	21.76	21.64	21.74			
15	16QAM	36	20	21.78	21.76	21.79			
15	16QAM	36	39	21.56	21.67	21.58	22	2	
15	16QAM	75	0	21.57	21.56	21.46			
15	64QAM	1	0	21.48	21.45	21.47			
15	64QAM	1	37	21.63	21.61	21.65	22	2	
15	64QAM	1	74	21.53	21.67	21.59			
15	64QAM	36	0	20.68	20.64	20.63			
15	64QAM	36	20	20.69	20.68	20.70	21	3	
15	64QAM	36	39	20.77	20.67	20.80			
15	64QAM	75	0	20.76	20.63	20.69			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.29	23.30	23.26	24	0	
10	QPSK	1	25	23.19	23.17	23.24			
10	QPSK	1	49	23.38	23.37	23.41			
10	QPSK	25	0	22.58	22.52	22.50	23	1	
10	QPSK	25	12	22.49	22.50	22.58			
10	QPSK	25	25	22.63	22.58	22.66			
10	QPSK	50	0	22.56	22.55	22.62	23	1	
10	16QAM	1	0	22.48	22.45	22.48			
10	16QAM	1	25	22.29	22.29	22.37			
10	16QAM	1	49	22.55	22.54	22.49	22	2	
10	16QAM	25	0	21.65	21.61	21.56			
10	16QAM	25	12	21.56	21.55	21.61			
10	16QAM	25	25	21.64	21.59	21.64	22	2	
10	16QAM	50	0	21.63	21.61	21.66			
10	64QAM	1	0	21.55	21.56	21.62			
10	64QAM	1	25	21.39	21.44	21.47	22	2	
10	64QAM	1	49	21.61	21.68	21.69			
10	64QAM	25	0	20.68	20.64	20.61			
10	64QAM	25	12	20.62	20.61	20.69	21	3	
10	64QAM	25	25	20.69	20.64	20.74			
10	64QAM	50	0	20.62	20.60	20.70			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.30	23.29	23.26	24	0	
5	QPSK	1	12	23.24	23.17	23.25			
5	QPSK	1	24	23.14	23.15	23.22			
5	QPSK	12	0	22.58	22.56	22.63	23	1	
5	QPSK	12	7	22.56	22.52	22.59			
5	QPSK	12	13	22.51	22.52	22.62			
5	QPSK	25	0	22.61	22.57	22.62	23	1	
5	16QAM	1	0	22.49	22.41	22.50			
5	16QAM	1	12	22.58	22.38	22.50			
5	16QAM	1	24	22.34	22.39	22.45	22	2	
5	16QAM	12	0	21.57	21.57	21.61			
5	16QAM	12	7	21.60	21.55	21.59			
5	16QAM	12	13	21.53	21.51	21.59	22	2	
5	16QAM	25	0	21.64	21.56	21.64			
5	64QAM	1	0	21.59	21.58	21.67			
5	64QAM	1	12	21.59	21.60	21.60	22	2	
5	64QAM	1	24	21.52	21.52	21.56			
5	64QAM	12	0	20.69	20.67	20.73			
5	64QAM	12	7	20.72	20.66	20.72	21	3	
5	64QAM	12	13	20.64	20.67	20.70			
5	64QAM	25	0	20.70	20.64	20.73			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.38	23.45	23.46	23.38	24	0
20	QPSK	1	49	23.28	23.31	23.27	23.12		
20	QPSK	1	99	23.23	22.97	22.96	23.34		
20	QPSK	50	0	22.93	22.98	22.98	22.98	23	1
20	QPSK	50	24	22.92	22.67	22.95	22.92		
20	QPSK	50	50	22.84	22.88	22.77	22.78		
20	QPSK	100	0	22.83	22.94	22.95	22.83	23	1
20	16QAM	1	0	22.65	22.81	22.77	22.67		
20	16QAM	1	49	22.70	22.86	22.84	22.66		
20	16QAM	1	99	22.38	22.38	22.41	22.44	22	2
20	16QAM	50	0	21.68	21.67	21.59	21.64		
20	16QAM	50	24	21.64	21.73	21.68	21.62		
20	16QAM	50	50	21.58	21.59	21.50	21.51	22	2
20	16QAM	100	0	21.58	21.70	21.62	21.56		
20	64QAM	1	0	21.68	21.70	21.70	21.60		
20	64QAM	1	49	21.66	21.74	21.73	21.69	22	2
20	64QAM	1	99	21.29	21.37	21.26	21.33		
20	64QAM	50	0	20.80	20.85	20.76	20.79		
20	64QAM	50	24	20.79	20.91	20.83	20.78	21	3
20	64QAM	50	50	20.77	20.78	20.69	20.67		
20	64QAM	100	0	20.85	20.86	20.84	20.81		
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.35	23.40	23.34	23.35	24	0
15	QPSK	1	37	23.21	23.26	23.20	23.22		
15	QPSK	1	74	23.08	23.15	23.05	23.04		
15	QPSK	36	0	22.95	23.00	22.95	22.99	23	1
15	QPSK	36	20	22.64	22.74	22.63	22.65		
15	QPSK	36	39	22.76	22.79	22.71	22.70		
15	QPSK	75	0	22.71	22.71	22.66	22.62	23	1
15	16QAM	1	0	22.58	22.48	22.39	22.67		
15	16QAM	1	37	22.76	22.81	22.82	22.76		
15	16QAM	1	74	22.46	22.36	22.32	22.32	22	2
15	16QAM	36	0	21.62	21.72	21.60	21.64		
15	16QAM	36	20	21.67	21.73	21.67	21.64		
15	16QAM	36	39	21.75	21.81	21.72	21.68	21	3
15	16QAM	75	0	21.73	21.73	21.70	21.66		
15	64QAM	1	0	21.60	21.57	21.57	21.61		
15	64QAM	1	37	21.78	21.98	21.70	21.91	22	2
15	64QAM	1	74	21.60	21.62	21.53	21.65		
15	64QAM	36	0	20.89	20.92	20.86	20.89		
15	64QAM	36	20	20.95	21.00	20.93	20.91	21	3
15	64QAM	36	39	21.00	20.89	20.96	20.92		
15	64QAM	75	0	20.95	20.97	20.89	20.88		
Channel				40090	40390	40690	41190		
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	23.05	23.09	23.06	23.07	24	0
10	QPSK	1	25	23.41	23.38	23.42	23.40		
10	QPSK	1	49	23.38	23.38	23.27	23.28		
10	QPSK	25	0	22.66	22.72	22.77	22.71	23	1
10</									



Reduced Power Mode for P-Sensor On

Blind		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
Tx Channel		9282	9400	9538		4132	4182	4233	
Rx Channel		9682	9800	9938	4357	4407	4458		
Frequency (MHz)		1852.4	1880	1907.6	825.4	836.4	846.6		
3GPP Rel 99	AMR 12.2kbps	19.85	19.97	19.95	21.00	22.09	22.11	22.00	23.00
3GPP Rel 99	RMC 12.2kbps	19.86	19.99	19.97	21.00	22.10	22.14	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69	20.00	21.01	21.01	20.80	22.00
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67	20.00	21.03	21.00	20.79	22.00
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19	19.50	20.52	20.49	20.31	21.50
3GPP Rel 6	HSDPA Subtest-4	17.93	18.04	18.17	19.50	20.52	20.49	20.34	21.50
3GPP Rel 6	DC-HSDPA Subtest-1	18.45	18.51	18.55	20.00	21.00	21.01	21.03	22.00
3GPP Rel 6	DC-HSDPA Subtest-2	18.49	18.45	18.54	20.00	21.03	21.03	21.05	22.00
3GPP Rel 6	DC-HSDPA Subtest-3	18.00	18.01	18.02	19.50	20.51	20.55	20.45	21.50
3GPP Rel 6	DC-HSDPA Subtest-4	17.98	17.85	18.01	19.50	20.49	20.51	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	18.48	18.57	18.70	20.00	20.96	21.01	20.85	22.00
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65	18.00	19.05	18.99	18.81	20.00
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70	19.00	19.64	19.70	19.77	21.00
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68	18.00	19.05	19.00	18.82	20.00
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70	20.00	21.00	21.00	20.80	22.00



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				19700	19800	19900			
Frequency (MHz)				1970	1980	1990			
20	QPSK	1	0	21.08	21.20	21.19	22	0	
20	QPSK	1	49	20.81	20.89	20.93			
20	QPSK	1	99	20.76	20.89	21.03			
20	QPSK	50	0	20.57	20.85	20.75			
20	QPSK	50	24	20.59	20.71	20.84	22	0	
20	QPSK	50	50	20.54	20.64	20.71			
20	QPSK	100	0	20.53	20.78	20.75			
20	16QAM	1	0	21.04	21.06	21.10			
20	16QAM	1	49	20.93	21.06	21.08	22	0	
20	16QAM	1	99	20.84	20.98	21.04			
20	16QAM	50	0	20.58	20.75	20.75			
20	16QAM	50	24	20.60	20.69	20.82	22	0	
20	16QAM	50	50	20.54	20.66	20.69			
20	16QAM	100	0	20.51	20.70	20.73			
20	64QAM	1	0	20.88	20.93	21.04			
20	64QAM	1	49	20.78	20.85	20.88	22	0	
20	64QAM	1	99	20.71	20.85	20.92			
20	64QAM	50	0	20.57	20.73	20.75			
20	64QAM	50	24	20.58	20.65	20.79	21	1	
20	64QAM	50	50	20.53	20.64	20.70			
20	64QAM	100	0	20.50	20.72	20.74			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	20.82	20.87	20.94	22	0	
15	QPSK	1	37	20.80	20.85	20.87			
15	QPSK	1	74	20.78	20.87	21.00			
15	QPSK	36	0	20.58	20.72	20.84			
15	QPSK	36	20	20.49	20.70	20.78	22	0	
15	QPSK	36	39	20.59	20.70	20.78			
15	QPSK	75	0	20.53	20.71	20.81			
15	16QAM	1	0	21.15	21.18	21.07			
15	16QAM	1	37	20.85	21.04	21.10	22	0	
15	16QAM	1	74	21.07	21.17	21.06			
15	16QAM	36	0	20.57	20.75	20.84			
15	16QAM	36	20	20.51	20.70	20.78	22	0	
15	16QAM	36	39	20.57	20.66	20.76			
15	16QAM	75	0	20.54	20.73	20.82			
15	64QAM	1	0	20.86	21.07	21.14			
15	64QAM	1	37	20.94	20.90	20.93	22	0	
15	64QAM	1	74	20.97	21.09	21.16			
15	64QAM	36	0	20.58	20.74	20.79			
15	64QAM	36	20	20.51	20.68	20.78	21	1	
15	64QAM	36	39	20.56	20.64	20.75			
15	64QAM	75	0	20.53	20.73	20.83			
Channel				18900	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	20.73	20.76	20.81	22	0	
10	QPSK	1	25	20.60	20.63	20.70			
10	QPSK	1	49	20.81	20.87	21.04			
10	QPSK	25	0	20.76	20.77	20.88			
10	QPSK	25	12	20.72	20.74	20.79	22	0	
10	QPSK	25	25	20.68	20.74	20.87			
10	QPSK	50	0	20.73	20.76	20.80			
10	16QAM	1	0	21.10	21.07	21.09			
10	16QAM	1	25	21.00	21.07	21.08	22	0	
10	16QAM	1	49	21.15	21.18	21.07			
10	16QAM	25	0	20.76	20.77	20.92			
10	16QAM	25	12	20.72	20.75	20.80	22	0	
10	16QAM	25	25	20.69	20.74	20.87			
10	16QAM	50	0	20.73	20.76	20.84			
10	64QAM	1	0	21.15	21.14	21.18			
10	64QAM	1	25	20.89	20.95	21.00	22	0	
10	64QAM	1	49	21.02	21.10	21.15			
10	64QAM	25	0	20.77	20.77	20.81			
10	64QAM	25	12	20.70	20.74	20.81	21	1	
10	64QAM	25	25	20.68	20.73	20.85			
10	64QAM	50	0	20.72	20.75	20.81			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	20.81	20.85	20.87	22	0	
5	QPSK	1	12	20.58	20.64	20.74			
5	QPSK	1	24	20.61	20.64	20.75			
5	QPSK	12	0	20.77	20.76	20.86			
5	QPSK	12	7	20.69	20.72	20.84	22	0	
5	QPSK	12	13	20.67	20.69	20.79			
5	QPSK	25	0	20.72	20.76	20.84			
5	16QAM	1	0	21.11	21.13	21.17			
5	16QAM	1	12	20.96	20.97	21.04	22	0	
5	16QAM	1	24	20.95	20.95	21.06			
5	16QAM	12	0	20.79	20.80	20.89			
5	16QAM	12	7	20.73	20.76	20.82	22	0	
5	16QAM	12	13	20.70	20.70	20.83			
5	16QAM	25	0	20.72	20.73	20.82			
5	64QAM	1	0	21.01	21.04	21.08			
5	64QAM	1	12	20.82	20.85	21.01	22	0	
5	64QAM	1	24	20.81	20.84	20.97			
5	64QAM	12	0	20.76	20.77	20.88			
5	64QAM	12	7	20.71	20.72	20.82	21	1	
5	64QAM	12	13	20.65	20.68	20.80			
5	64QAM	25	0	20.74	20.73	20.84			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	20.75	20.76	20.84	22	0	
3	QPSK	1	8	20.66	20.70	20.81			
3	QPSK	1	14	20.59	20.65	20.74			
3	QPSK	8	0	20.72	20.70	20.82			
3	QPSK	8	4	20.72	20.73	20.81	22	0	
3	QPSK	8	7	20.66	20.65	20.79			
3	QPSK	15	0	20.69	20.70	20.79			
3	16QAM	1	0	21.00	20.99	21.11			
3	16QAM	1	8	21.02	20.99	21.15	22	0	
3	16QAM	1	14	20.89	20.92	21.04			
3	16QAM	8	0	20.75	20.77	20.86			
3	16QAM	8	4	20.76	20.78	20.86	22	0	
3	16QAM	8	7	20.72	20.74	20.82			
3	16QAM	15	0	20.73	20.75	20.83			
3	64QAM	1	0	20.86	20.88	21.00			
3	64QAM	1	8	20.84	20.88	21.03	22	0	
3	64QAM	1	14	20.79	20.83	20.92			
3	64QAM	8	0	20.70	20.73	20.85			
3	64QAM	8	4	20.68	20.73	20.83	21	1	
3	64QAM	8	7	20.68	20.67	20.80			
3	64QAM	15	0	20.68	20.71	20.80			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	20.76	20.72	20.78	22	0	
1.4	QPSK	1	3	20.79	20.74	20.85			
1.4	QPSK	1	5	20.72	20.69	20.76			
1.4	QPSK	3	0	20.77	20.71	20.81			
1.4	QPSK	3	1	20.80	20.77	20.85			
1.4	QPSK	3	3	20.72	20.74	20.78			
1.4	QPSK	6	0	20.69	20.71	20.78	22	0	
1.4	16QAM	1	0	21.02	21.01	21.10			
1.4	16QAM	1	3	21.05	21.02	21.18			
1.4	16QAM	1	5	21.00	20.98	21.10	22	0	
1.4	16QAM	3	0	20.81	20.84	20.86			
1.4	16QAM	3	1	20.83	20.82	20.86			
1.4	16QAM	3	3	20.77	20.75	20.83			
1.4	16QAM	6	0	20.74	20.73	20.89	22	0	
1.4	64QAM	1	0	20.89	20.88	20.99			
1.4	64QAM	1	3	20.90	20.91	21.01			
1.4	64QAM	1	5	20.80	20.85	20.93	22	0	
1.4	64QAM	3	0	20.81	20.79	20.81			
1.4	64QAM	3	1	20.80	20.85	20.92			
1.4	64QAM	3	3	20.78	20.82	20.87			
1.4	64QAM	6	0	20.72	20.69	20.79	21	1	

Band 2 (2000MHz Band) Part 27									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.					



Band 38(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				37850	38000	38150				
Frequency (MHz)				2530	2595	2610				
20	QPSK	1	0	20.21	20.48	20.14	21.5	0		
20	QPSK	1	49	20.32	20.38	20.33				
20	QPSK	1	99	20.41	20.23	20.29	21.5	0		
20	QPSK	50	0	20.30	20.45	20.21				
20	QPSK	50	24	20.40	20.28	20.33	21.5	0		
20	QPSK	50	50	20.32	20.32	20.29				
20	QPSK	100	0	20.29	20.30	20.26	21.5	0		
20	16QAM	1	0	20.35	20.29	20.31				
20	16QAM	1	49	20.45	20.43	20.40	21.5	0		
20	16QAM	1	99	20.47	20.39	20.42				
20	16QAM	50	0	20.31	20.19	20.18	21.5	0		
20	16QAM	50	24	20.44	20.30	20.34				
20	16QAM	50	50	20.32	20.35	20.30	21.5	0		
20	16QAM	100	0	20.33	20.30	20.35				
20	64QAM	1	0	20.04	20.01	19.95	21.5	0		
20	64QAM	1	49	20.13	20.12	20.10				
20	64QAM	1	99	20.10	20.04	20.09	21.5	0		
20	64QAM	50	0	20.23	20.13	20.14				
20	64QAM	50	24	20.37	20.23	20.29	21.5	0		
20	64QAM	50	50	20.27	20.30	20.24				
20	64QAM	100	0	20.35	20.32	20.38				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.34	20.21	20.12	21.5	0		
15	QPSK	1	37	20.35	20.21	20.24				
15	QPSK	1	74	20.36	20.30	20.27	21.5	0		
15	QPSK	36	0	20.27	20.20	20.27				
15	QPSK	36	20	20.42	20.29	20.33	21.5	0		
15	QPSK	36	39	20.36	20.34	20.33				
15	QPSK	75	0	20.34	20.25	20.24	21.5	0		
15	16QAM	1	0	20.36	20.31	20.27				
15	16QAM	1	37	20.49	20.39	20.39	21.5	0		
15	16QAM	1	74	20.48	20.40	20.44				
15	16QAM	36	0	20.24	20.19	20.25	21.5	0		
15	16QAM	36	20	20.41	20.28	20.28				
15	16QAM	36	39	20.35	20.31	20.34	21.5	0		
15	16QAM	75	0	20.37	20.28	20.30				
15	64QAM	1	0	20.04	20.04	19.97	21.5	0		
15	64QAM	1	37	20.44	20.46	20.31				
15	64QAM	1	74	20.16	20.10	20.10	21.5	0		
15	64QAM	36	0	20.27	20.23	20.30				
15	64QAM	36	20	20.42	20.31	20.35	21.5	0		
15	64QAM	36	39	20.36	20.34	20.36				
15	64QAM	75	0	20.36	20.24	20.25				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.46	20.46	20.40	21.5	0		
10	QPSK	1	25	20.51	20.34	20.34				
10	QPSK	1	49	20.54	20.54	20.51	21.5	0		
10	QPSK	25	0	20.53	20.34	20.25				
10	QPSK	25	12	20.46	20.33	20.31	21.5	0		
10	QPSK	25	25	20.57	20.38	20.35				
10	QPSK	50	0	20.48	20.34	20.34	21.5	0		
10	16QAM	1	0	20.50	20.56	20.48				
10	16QAM	1	25	20.55	20.45	20.40	21.5	0		
10	16QAM	1	49	20.46	20.57	20.56				
10	16QAM	25	0	20.55	20.41	20.24	21.5	0		
10	16QAM	25	12	20.46	20.36	20.28				
10	16QAM	25	25	20.52	20.37	20.34	21.5	0		
10	16QAM	50	0	20.50	20.37	20.34				
10	64QAM	1	0	20.38	20.20	20.14	21.5	0		
10	64QAM	1	25	20.22	20.11	20.09				
10	64QAM	1	49	20.40	20.29	20.28	21.5	0		
10	64QAM	25	0	20.51	20.33	20.17				
10	64QAM	25	12	20.39	20.30	20.26	21.5	0		
10	64QAM	25	25	20.52	20.32	20.31				
10	64QAM	50	0	20.46	20.30	20.31				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.63	20.51	20.45	21.5	0		
5	QPSK	1	12	20.50	20.31	20.53				
5	QPSK	1	24	20.45	20.26	20.23	21.5	0		
5	QPSK	12	0	20.56	20.39	20.31				
5	QPSK	12	7	20.54	20.34	20.31	21.5	0		
5	QPSK	12	13	20.43	20.34	20.27				
5	QPSK	25	0	20.51	20.42	20.29	21.5	0		
5	16QAM	1	0	20.64	20.53	20.49				
5	16QAM	1	12	20.50	20.52	20.65	21.5	0		
5	16QAM	1	24	20.56	20.39	20.38				
5	16QAM	12	0	20.50	20.37	20.33	21.5	0		
5	16QAM	12	7	20.49	20.30	20.25				
5	16QAM	12	13	20.40	20.29	20.22	21.5	0		
5	16QAM	25	0	20.53	20.36	20.33				
5	64QAM	1	0	20.30	20.21	20.23	21.5	0		
5	64QAM	1	12	20.49	20.14	20.15				
5	64QAM	1	24	20.26	20.12	20.06	21.5	0		
5	64QAM	12	0	20.49	20.32	20.34				
5	64QAM	12	7	20.45	20.28	20.26	21.5	0		
5	64QAM	12	13	20.38	20.27	20.19				
5	64QAM	25	0	20.49	20.33	20.26				

Band 41 (2.6G Band)											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				40140	40400	40670	41140				
Frequency (MHz)				2545	2571	2598	2645				
20	QPSK	1	0	20.38	20.50	20.60	20.21	21.5	0		
20	QPSK	1	49	20.64	20.58	20.45	20.33				
20	QPSK	1	99	20.26	20.21	20.22	20.25	21.5	0		
20	QPSK	50	0	20.26	20.25	20.35	20.10				
20	QPSK	50	24	20.31	20.34	20.27	20.16	21.5	0		
20	QPSK	50	50	20.17	20.14	20.01	19.95				
20	QPSK	100	0	20.18	20.24	20.26	20.00	21.5	0		
20	16QAM	1	0	20.28	20.35	20.27	20.13				
20	16QAM	1	49	20.44	20.49	20.37	20.27	21.5	0		
20	16QAM	1	99	20.07	20.08	20.03	20.06				
20	16QAM	50	0	20.31	20.24	20.20	20.14	21.5	0		
20	16QAM	50	24	20.34	20.37	20.26	20.11				
20	16QAM	50	50	20.21	20.18	20.04	19.98	21.5	0		
20	16QAM	100	0	20.25	20.26	20.19	20.01				
20	64QAM	1	0	19.94	19.97	19.91	19.78	21.5	0		
20	64QAM	1	49	20.08	20.12	20.07	19.91				
20	64QAM	1	99	20.02	20.07	20.04	20.04	21.5	0		
20	64QAM	50	0	20.26	20.18	20.13	20.07				
20	64QAM	50	24	20.28	20.29	20.20	20.05	21.5	0		
20	64QAM	50	50	20.17	20.11	19.96	19.92				
20	64QAM	100	0	20.24	20.29	20.23	20.04				
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5				
15	QPSK	1	0	19.95	19.96	19.88	19.83	21.5	0		
15	QPSK	1	37	20.01	20.00	19.84	19.92				
15	QPSK	1	74	19.92	19.91	19.84	19.86	21.5	0		
15	QPSK	36	0	20.36	20.32	20.20	20.18				
15	QPSK	36	20	20.38	20.38	20.26	20.21	21.5	0		
15	QPSK	36	39	20.42	20.43	20.32	20.23				
15	QPSK	75	0	20.40	20.38	20.26	20.17	21.5	0		
15	16QAM	1	0	20.07	20.07	19.96	19.93				
15	16QAM	1	37	20.33	20.37	20.20	20.22	21.5	0		
15	16QAM	1	74	19.90	19.89	19.91	19.88				
15	16QAM	36	0	20.30	20.30	20.18	20.13	21.5	0		
15	16Q										



Reduced Power Mode for Hotspot On

	Sms Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
OSM1900								
Tx Channel	1850.2	1880	1909.8	29.50	1850.2	1880	1909.8	20.50
Frequency (MHz)	28.78	28.70	28.85	29.50	19.78	19.70	19.85	20.50
GSM 1 Tx slot	28.77	28.68	28.84	29.50	19.77	19.68	19.84	20.50
GPRS 2 Tx slots	28.01	28.07	28.00	29.00	22.01	22.07	22.00	23.00
GPRS 3 Tx slots	26.00	25.91	26.07	27.00	21.74	21.65	21.81	22.74
GPRS 4 Tx slots	23.88	23.79	23.95	24.50	20.88	20.79	20.95	21.50
EDGE 1 Tx slot	25.25	25.29	25.29	26.50	18.25	18.29	18.29	17.50
EDGE 2 Tx slots	24.12	24.23	24.16	25.50	18.12	18.23	18.16	19.50
EDGE 3 Tx slots	22.05	22.15	22.10	23.00	17.79	17.89	17.84	18.74
EDGE 4 Tx slots	19.95	20.10	20.01	20.50	16.95	17.10	17.01	17.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9460	9538		4132	4162	4233	
Tx Channel	9662	8890	8938	21.00	4357	4407	4458	21.00
Rx Channel	1852.4	1880	1907.6	21.00	825.4	836.4	846.6	21.00
Frequency (MHz)	19.85	19.97	19.95	21.00	22.09	22.11	22.00	23.00
3GPP Rel 99	AMR 12.2kbps	19.85	19.97	19.95	21.00	22.09	22.11	22.00
3GPP Rel 99	RMC 12.2kbps	19.86	19.99	19.97	21.00	22.10	22.14	22.01
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69	20.00	21.01	21.01	20.80
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67	20.00	21.03	21.00	20.79
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19	19.50	20.52	20.49	20.31
3GPP Rel 6	HSDPA Subtest-4	17.93	18.04	18.17	19.50	20.52	20.49	20.34
3GPP Rel 8	DC-HSDPA Subtest-1	18.45	18.51	18.55	20.00	21.00	21.01	21.03
3GPP Rel 8	DC-HSDPA Subtest-2	18.49	18.45	18.54	20.00	21.03	21.03	21.05
3GPP Rel 8	DC-HSDPA Subtest-3	18.00	18.01	18.02	19.50	20.51	20.55	20.45
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	17.85	18.01	19.50	20.49	20.51	20.51
3GPP Rel 6	HSUPA Subtest-1	18.48	18.57	18.70	20.00	20.96	21.01	20.85
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65	18.00	19.05	18.99	18.81
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70	19.00	19.64	19.70	19.77
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68	18.00	19.05	19.00	18.82
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70	20.00	21.00	21.00	20.80



Band 2 (1900MHz Band)										
Part 24C										
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)				18700	18900	19100				
20	QPSK	1	0	18.96	19.21	19.00				
20	QPSK	1	49	18.80	18.79	18.81	20.5	0		
20	QPSK	1	99	18.81	18.75	18.89				
20	QPSK	50	0	18.66	19.00	18.91				
20	QPSK	50	24	18.87	18.86	18.97	20.5	0		
20	QPSK	50	50	18.80	18.83	18.89				
20	QPSK	100	0	18.38	18.91	18.99				
20	16QAM	1	0	19.02	19.00	19.05				
20	16QAM	1	49	18.89	18.95	18.92	20.5	0		
20	16QAM	1	99	18.82	18.88	18.99				
20	16QAM	50	0	18.54	18.62	18.64				
20	16QAM	50	24	18.57	18.58	18.70	20.5	0		
20	16QAM	50	50	18.51	18.51	18.57				
20	16QAM	100	0	18.56	18.57	18.60				
20	16QAM	1	0	18.88	18.84	18.91				
20	16QAM	1	49	18.72	18.76	18.79	20.5	0		
20	16QAM	1	99	18.74	18.76	18.89				
20	16QAM	50	0	18.54	18.58	18.61				
20	16QAM	50	24	18.54	18.53	18.68	20.5	0		
20	16QAM	50	50	18.50	18.51	18.55				
20	16QAM	100	0	18.57	18.57	18.60				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18675	18900	19125				
15	QPSK	1	0	18.79	18.74	18.81				
15	QPSK	1	37	18.50	18.54	18.54	20.5	0		
15	QPSK	1	74	18.76	18.76	18.89				
15	QPSK	36	0	18.55	18.59	18.69				
15	QPSK	36	20	18.50	18.60	18.66	20.5	0		
15	QPSK	36	39	18.56	18.54	18.65				
15	QPSK	75	0	18.50	18.56	18.65				
15	16QAM	1	0	19.14	19.12	19.16				
15	16QAM	1	37	18.87	18.91	19.01	20.5	0		
15	16QAM	1	74	19.11	19.15	19.03				
15	16QAM	36	0	18.56	18.60	18.70				
15	16QAM	36	20	18.50	18.60	18.66	20.5	0		
15	16QAM	36	39	18.56	18.53	18.64				
15	16QAM	75	0	18.50	18.59	18.68				
15	16QAM	1	0	19.00	18.94	19.06				
15	16QAM	1	37	18.86	19.01	18.98	20.5	0		
15	16QAM	1	74	18.99	19.01	19.12				
15	16QAM	36	0	18.53	18.60	18.68				
15	16QAM	36	20	18.52	18.50	18.69	20.5	0		
15	16QAM	36	39	18.51	18.54	18.61				
15	16QAM	75	0	18.50	18.57	18.67				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18650	18900	19150				
10	QPSK	1	0	18.96	18.96	19.00				
10	QPSK	1	25	18.60	18.66	18.70	20.5	0		
10	QPSK	1	49	18.77	18.86	19.00				
10	QPSK	25	0	18.75	18.75	18.88				
10	QPSK	25	12	18.72	18.75	18.80	20.5	0		
10	QPSK	25	25	18.71	18.74	18.85				
10	QPSK	50	0	18.72	18.74	18.81				
10	16QAM	1	0	19.02	19.06	19.07				
10	16QAM	1	25	19.03	19.02	19.14	20.5	0		
10	16QAM	1	49	19.15	19.11	19.11				
10	16QAM	25	0	18.77	18.78	18.90				
10	16QAM	25	12	18.71	18.74	18.82	20.5	0		
10	16QAM	25	25	18.70	18.72	18.84				
10	16QAM	50	0	18.72	18.73	18.84				
10	16QAM	1	0	19.20	19.16	19.12				
10	16QAM	1	25	18.89	18.91	19.01	20.5	0		
10	16QAM	1	49	19.11	19.15	19.20				
10	16QAM	25	0	18.75	18.76	18.91				
10	16QAM	25	12	18.69	18.73	18.81	20.5	0		
10	16QAM	25	25	18.68	18.71	18.84				
10	16QAM	50	0	18.71	18.72	18.80				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18625	18900	19175				
5	QPSK	1	0	18.85	18.87	18.79				
5	QPSK	1	12	18.59	18.65	18.73	20.5	0		
5	QPSK	1	24	18.59	18.64	18.78				
5	QPSK	12	0	18.75	18.77	18.87				
5	QPSK	12	7	18.68	18.70	18.84	20.5	0		
5	QPSK	12	13	18.66	18.68	18.80				
5	QPSK	25	0	18.73	18.71	18.85				
5	16QAM	1	0	19.09	19.09	19.18	20.5	0		
5	16QAM	1	12	19.03	19.03	19.13				
5	16QAM	1	24	19.03	19.03	19.04				
5	16QAM	12	0	18.78	18.81	18.89				
5	16QAM	12	7	18.73	18.75	18.86	20.5	0		
5	16QAM	12	13	18.67	18.71	18.83				
5	16QAM	25	0	18.73	18.73	18.84				
5	16QAM	1	0	18.99	19.00	19.06				
5	16QAM	1	12	18.91	18.85	19.10	20.5	0		
5	16QAM	1	24	18.95	18.85	19.03				
5	16QAM	12	0	18.75	18.77	18.86				
5	16QAM	12	7	18.70	18.72	18.83	20.5	0		
5	16QAM	12	13	18.67	18.67	18.82				
5	16QAM	25	0	18.73	18.70	18.85				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18615	18900	19185				
3	QPSK	1	0	18.72	18.74	18.77				
3	QPSK	1	8	18.67	18.66	18.82	20.5	0		
3	QPSK	1	14	18.62	18.61	18.72				
3	QPSK	8	0	18.73	18.69	18.83				
3	QPSK	8	4	18.73	18.70	18.83	20.5	0		
3	QPSK	8	7	18.68	18.70	18.78				
3	QPSK	15	0	18.70	18.70	18.80				
3	16QAM	1	0	19.00	19.01	19.11	20.5	0		
3	16QAM	1	8	18.93	19.02	19.11				
3	16QAM	1	14	18.92	18.87	19.03				
3	16QAM	8	0	18.78	18.78	18.89				
3	16QAM	8	4	18.78	18.78	18.90	20.5	0		
3	16QAM	8	7	18.73	18.74	18.83				
3	16QAM	15	0	18.71	18.72	18.85				
3	16QAM	1	0	18.88	18.89	19.02				
3	16QAM	1	8	18.85	18.87	19.03	20.5	0		
3	16QAM	1	14	18.75	18.76	18.93				
3	16QAM	8	0	18.71	18.72	18.84				
3	16QAM	8	4	18.70	18.71	18.84	20.5	0		
3	16QAM	8	7	18.63	18.65	18.78				
3	16QAM	15	0	18.67	18.68	18.82				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18607	18900	19193				
1.4	QPSK	1	0	18.61	18.65	18.76				
1.4	QPSK	1	3	18.71	18.67	18.81	20.5	0		
1.4	QPSK	1	5	18.64	18.62	18.73				
1.4	QPSK	3	0	18.70	18.67	18.77				
1.4	QPSK	3	1	18.73	18.69	18.82				
1.4	QPSK	3	3	18.68	18.65	18.76	20.5	0		
1.4	QPSK	6	0	18.66	18.64	18.72				
1.4	16QAM	1	0	19.91	19.91	19.02				
1.4	16QAM	1	3	18.95	18.97	19.07				
1.4	16QAM	1	5	18.88	18.92	18.99	20.5	0		
1.4	16QAM	3	0	18.74	18.76	18.85				
1.4	16QAM	3	1	18.78	18.78	18.85				
1.4	16QAM	3	3	18.70	18.69	18.82				
1.4	16QAM	6	0	18.66	18.69	18.80	20.5	0		
1.4	16QAM	1	0	18.78	18.80	18.90				
1.4	16QAM	1	3	18.86	18.85	18.94				
1.4	16QAM	1	5	18.71	18.74	18.83	20.5	0		
1.4	16QAM	3	0	18.80	18.76	18.86				
1.4	16QAM	3	1	18.79	18.74	18.85				
1.4	16QAM	3	3	18.74	18.74	18.83	20.5	0		
1.4	16QAM	6	0	18.64	18.65	18.74				

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				20800	21100	21350				
Frequency (MHz)				20800	21100	21350				
20	QPSK	1	0	16.26	16.56	16.21				
20	QPSK	1	49	16.31	16.29	16.32	17	0		
20	QPSK	1	99	16.15	16.17	16.09				
20	QPSK	50	0	16.33	16.39	16.23				
20	QPSK	50	24	16.36	16.32	16.31	17	0		
20	QPSK	50	50	16.35	16.24	16.25				
20	QPSK	100	0	16.29	16.36	16.31				
20	16QAM	1	0	16.35	16.40	16.27				
20	16QAM	1	49	1						



Band 38(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				37850	38000	38150			
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	18.92	19.10	18.86	19.5	0	
20	QPSK	1	49	18.97	18.93	19.04			
20	QPSK	1	99	18.94	18.92	18.93			
20	QPSK	50	0	18.92	19.00	18.89	19.5	0	
20	QPSK	50	24	18.98	18.94	19.01			
20	QPSK	50	50	18.97	18.96	18.95			
20	QPSK	100	0	18.96	18.98	18.96	19.5	0	
20	16QAM	1	0	18.82	18.70	18.74			
20	16QAM	1	49	18.88	18.88	18.88			
20	16QAM	1	99	18.94	18.79	18.92	19.5	0	
20	16QAM	50	0	18.77	18.69	18.71			
20	16QAM	50	24	18.89	18.80	18.81			
20	16QAM	50	50	18.76	18.82	18.76	19.5	0	
20	16QAM	100	0	18.77	18.68	18.77			
20	64QAM	1	0	18.50	18.38	18.40			
20	64QAM	1	49	18.55	18.53	18.55	19.5	0	
20	64QAM	1	99	18.56	18.51	18.55			
20	64QAM	50	0	18.70	18.64	18.61			
20	64QAM	50	24	18.83	18.75	18.76	19.5	0	
20	64QAM	50	50	18.70	18.75	18.72			
20	64QAM	100	0	18.78	18.75	18.81			
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.77	18.60	18.62	19.5	0	
15	QPSK	1	37	18.54	18.46	18.60			
15	QPSK	1	74	18.86	18.73	18.74			
15	QPSK	36	0	18.72	18.69	18.72	19.5	0	
15	QPSK	36	20	18.87	18.78	18.78			
15	QPSK	36	39	18.81	18.82	18.86			
15	QPSK	75	0	18.83	18.72	18.72	19.5	0	
15	16QAM	1	0	18.81	18.74	18.70			
15	16QAM	1	37	18.77	18.85	18.86			
15	16QAM	1	74	18.95	18.79	18.86	19.5	0	
15	16QAM	36	0	18.70	18.65	18.70			
15	16QAM	36	20	18.85	18.76	18.78			
15	16QAM	36	39	18.79	18.79	18.82	19.5	0	
15	16QAM	75	0	18.81	18.74	18.74			
15	64QAM	1	0	18.48	18.42	18.42			
15	64QAM	1	37	18.69	18.54	18.57	19.5	0	
15	64QAM	1	74	18.59	18.52	18.54			
15	64QAM	36	0	18.75	18.69	18.75			
15	64QAM	36	20	18.87	18.80	18.77	19.5	0	
15	64QAM	36	39	18.80	18.86	18.86			
15	64QAM	75	0	18.81	18.72	18.74			
Channel				37800	38000	38200			
Frequency (MHz)				2590	2595	2615			
10	QPSK	1	0	19.08	18.89	18.83	19.5	0	
10	QPSK	1	25	19.95	19.81	18.79			
10	QPSK	1	49	19.08	19.01	18.99			
10	QPSK	25	0	19.01	18.81	18.69	19.5	0	
10	QPSK	25	12	18.86	18.80	18.77			
10	QPSK	25	25	19.03	18.81	18.83			
10	QPSK	50	0	19.00	18.81	18.80	19.5	0	
10	16QAM	1	0	19.09	18.99	18.89			
10	16QAM	1	25	19.05	18.89	18.87			
10	16QAM	1	49	19.05	19.07	19.07	19.5	0	
10	16QAM	25	0	19.04	18.89	18.75			
10	16QAM	25	12	18.94	18.84	18.82			
10	16QAM	25	25	19.00	18.87	18.83	19.5	0	
10	16QAM	50	0	19.00	18.85	18.83			
10	64QAM	1	0	18.85	18.74	18.66			
10	64QAM	1	25	18.88	18.54	18.56	19.5	0	
10	64QAM	1	49	18.89	18.74	18.72			
10	64QAM	25	0	18.95	18.81	18.68			
10	64QAM	25	12	18.90	18.81	18.77	19.5	0	
10	64QAM	25	25	18.98	18.80	18.76			
10	64QAM	50	0	18.90	18.80	18.75			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.03	18.97	18.85	19.5	0	
5	QPSK	1	12	18.91	18.97	18.65			
5	QPSK	1	24	18.88	18.78	18.65			
5	QPSK	12	0	19.05	18.82	18.79	19.5	0	
5	QPSK	12	7	18.99	18.81	18.76			
5	QPSK	12	13	18.91	18.82	18.79			
5	QPSK	25	0	19.04	18.86	18.80	19.5	0	
5	16QAM	1	0	19.05	18.95	18.93			
5	16QAM	1	12	19.02	19.09	18.96			
5	16QAM	1	24	19.02	18.85	18.84	19.5	0	
5	16QAM	12	0	18.99	18.86	18.77			
5	16QAM	12	7	19.01	18.78	18.74			
5	16QAM	12	13	18.92	18.76	18.71	19.5	0	
5	16QAM	25	0	19.05	18.88	18.79			
5	64QAM	1	0	18.88	18.72	18.67			
5	64QAM	1	12	18.85	18.72	18.66	19.5	0	
5	64QAM	1	24	18.75	18.60	18.55			
5	64QAM	12	0	18.94	18.86	18.76			
5	64QAM	12	7	19.01	18.79	18.72	19.5	0	
5	64QAM	12	13	18.88	18.78	18.73			
5	64QAM	25	0	18.99	18.81	18.76			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	18.94	19.00	19.15	18.71	19.5	0
20	QPSK	1	49	19.06	19.11	18.99	18.92		
20	QPSK	1	99	18.96	18.99	18.97	18.95		
20	QPSK	50	0	19.03	19.01	19.10	18.87	19.5	0
20	QPSK	50	24	19.02	19.05	18.97	18.89		
20	QPSK	50	50	18.92	18.89	18.74	18.73		
20	QPSK	100	0	18.80	18.80	18.85	18.75	19.5	0
20	16QAM	1	0	18.86	18.87	18.73	18.68		
20	16QAM	1	49	19.01	19.09	18.89	18.87		
20	16QAM	1	99	18.71	18.76	18.70	18.72	19.5	0
20	16QAM	50	0	18.84	18.80	18.70	18.67		
20	16QAM	50	24	18.89	18.91	18.81	18.71		
20	16QAM	50	50	18.75	18.72	18.57	18.57	19.5	0
20	16QAM	100	0	18.78	18.82	18.67	18.60		
20	64QAM	1	0	18.48	18.54	18.47	18.33		
20	64QAM	1	49	18.58	18.69	18.56	18.50	19.5	0
20	64QAM	1	99	18.38	18.32	18.35	18.39		
20	64QAM	50	0	18.81	18.75	18.64	18.63		
20	64QAM	50	24	18.83	18.89	18.79	18.64	19.5	0
20	64QAM	50	50	18.71	18.71	18.53	18.54		
20	64QAM	100	0	18.82	18.85	18.74	18.65		
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	18.53	18.52	18.26	18.36	19.5	0
15	QPSK	1	37	18.54	18.50	18.33	18.33		
15	QPSK	1	74	18.29	18.32	18.13	18.06		
15	QPSK	36	0	18.90	18.90	18.71	18.72	19.5	0
15	QPSK	36	20	18.94	18.96	18.80	18.76		
15	QPSK	36	39	19.00	19.02	18.85	18.86		
15	QPSK	75	0	18.95	18.90	18.78	18.72	19.5	0
15	16QAM	1	0	18.65	18.58	18.41	18.45		
15	16QAM	1	37	18.63	18.65	18.61	18.61		
15	16QAM	1	74	18.52	18.50	18.54	18.52	19.5	0
15	16QAM	36	0	18.87	18.85	18.72	18.70		
15	16QAM	36	20	18.92	18.94	18.77	18.72		
15	16QAM	36	39	18.98	18.99	18.81	18.79	19.5	0
15	16QAM	75	0	18.96	18.94	18.78	18.72		
15	64QAM	1	0	18.22	18.28	18.18	18.17		
15	64QAM	1	37	18.60	18.65	18.46	18.42	19.5	0
15	64QAM	1	74	18.19	18.18	18.18	18.18		
15	64QAM	36	0	18.90	18.84	18.75	18.71		
15	64QAM	36	20	18.94	18.99	18.78	18.78	19.5	0
15	64QAM	36	39	19.00	19.03	18.82	18.82		
15	64QAM	75	0	18.98	18.93	18.77	18.69		
Channel				40090	40390	40690	41190		
Frequency (MHz)				2550	2570	2600	2650		
10	QPSK	1	0	19.01	18.95	18.85	18.70	19.5	0
10	QPSK	1	25	19.00	18.93	18.90	18.84		
10	QPSK	1	49	18.90	18.88	18.69	18.70		
10	QPSK	25							



Reduced Power Mode for Handheld On

Band	WCDMA II			Tune-up Limit (dBm)
	9262	9400	9538	
TX Channel	9662	9800	9938	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1832.4	1850	1871.6	
3GPP Rel 99	AMR 12.2Kbps	19.85	19.97	19.95
3GPP Rel 99	RMC 12.2Kbps	19.86	19.99	19.97
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19
3GPP Rel 6	HSDPA Subtest-4	17.95	18.04	18.17
3GPP Rel 8	DC-HSDPA Subtest-1	18.45	18.51	18.55
3GPP Rel 8	DC-HSDPA Subtest-2	18.49	18.45	18.54
3GPP Rel 8	DC-HSDPA Subtest-3	18.00	18.01	18.02
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	17.85	18.01
3GPP Rel 6	HSUPA Subtest-1	16.48	16.57	16.70
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70



Band 2 (1900MHz Band)									
Part 24C									
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)				18700	18900	19100			
20	QPSK	1	0	22.27	22.55	22.06			
20	QPSK	1	49	22.47	22.49	22.53	23	0	
20	QPSK	1	99	22.54	22.50	22.26			
20	QPSK	50	0	22.35	22.50	22.49			
20	QPSK	50	24	22.25	22.32	22.43	23	0	
20	QPSK	50	50	22.30	22.36	22.34			
20	QPSK	100	0	22.34	22.37	22.47			
20	16QAM	1	0	22.30	22.43	22.40			
20	16QAM	1	49	22.48	22.46	22.44	23	0	
20	16QAM	1	99	22.48	22.48	22.47			
20	16QAM	50	0	21.32	21.36	21.52			
20	16QAM	50	24	21.28	21.33	21.44	22	1	
20	16QAM	50	50	21.31	21.37	21.49			
20	16QAM	100	0	21.33	21.36	21.47			
20	16QAM	1	0	21.49	21.46	21.31			
20	16QAM	1	49	21.30	21.31	21.36	22	1	
20	16QAM	1	99	21.49	21.41	21.48			
20	16QAM	50	0	20.30	20.34	20.49			
20	16QAM	50	24	20.26	20.30	20.41	21	2	
20	16QAM	50	50	20.31	20.37	20.49			
20	16QAM	100	0	20.34	20.38	20.47			
Channel				18675	18900	19125			
Frequency (MHz)				1867.5	1890	1902.5			
15	QPSK	1	0	22.20	22.21	22.19			
15	QPSK	1	37	22.43	22.33	22.67	23	0	
15	QPSK	1	74	22.64	22.68	22.65			
15	QPSK	36	0	22.27	22.31	22.48			
15	QPSK	36	20	22.22	22.31	22.47	23	0	
15	QPSK	36	39	22.29	22.37	22.47			
15	QPSK	75	0	22.27	22.32	22.50			
15	16QAM	1	0	22.45	22.51	22.61			
15	16QAM	1	37	22.50	22.58	22.61	23	0	
15	16QAM	1	74	22.77	22.51	22.74			
15	16QAM	36	0	21.28	21.34	21.45			
15	16QAM	36	20	21.24	21.29	21.47	22	1	
15	16QAM	36	39	21.27	21.35	21.46			
15	16QAM	75	0	21.26	21.34	21.51			
15	16QAM	1	0	21.68	21.62	21.85			
15	16QAM	1	37	21.36	21.38	21.46	22	1	
15	16QAM	1	74	21.67	21.76	21.70			
15	16QAM	36	0	20.26	20.33	20.43			
15	16QAM	36	20	20.24	20.27	20.47	21	2	
15	16QAM	36	39	20.25	20.35	20.48			
15	16QAM	75	0	20.25	20.34	20.51			
Channel				18650	18900	19150			
Frequency (MHz)				1865	1890	1905			
10	QPSK	1	0	22.80	22.90	22.60			
10	QPSK	1	25	22.46	22.60	22.76	23	0	
10	QPSK	1	49	22.78	22.94	22.94			
10	QPSK	25	0	22.25	22.35	22.55			
10	QPSK	25	12	22.20	22.31	22.52	23	0	
10	QPSK	25	35	22.25	22.30	22.49			
10	QPSK	50	0	22.25	22.36	22.52			
10	16QAM	1	0	22.72	22.81	22.90			
10	16QAM	1	25	22.44	22.54	22.70	23	0	
10	16QAM	1	49	22.66	22.82	22.79			
10	16QAM	25	0	21.29	21.38	21.57			
10	16QAM	25	12	21.22	21.33	21.48	22	1	
10	16QAM	25	25	21.23	21.37	21.50			
10	16QAM	50	0	21.29	21.31	21.58			
10	16QAM	1	0	21.62	21.74	21.80			
10	16QAM	1	25	21.36	21.44	21.59	22	1	
10	16QAM	1	49	21.57	21.75	21.71			
10	16QAM	25	0	20.25	20.35	20.57			
10	16QAM	25	12	20.24	20.33	20.48	21	2	
10	16QAM	25	25	20.25	20.35	20.46			
10	16QAM	50	0	20.22	20.34	20.52			
Channel				18625	18900	19175			
Frequency (MHz)				1862.5	1890	1907.5			
5	QPSK	1	0	22.09	22.10	22.15			
5	QPSK	1	12	22.40	22.50	22.55	23	0	
5	QPSK	1	24	22.43	22.55	22.56			
5	QPSK	12	0	22.21	22.31	22.46			
5	QPSK	12	7	22.18	22.28	22.44	23	0	
5	QPSK	12	13	22.14	22.26	22.40			
5	QPSK	25	0	22.20	22.31	22.45			
5	16QAM	1	0	22.54	22.65	22.86	23	0	
5	16QAM	1	12	22.37	22.50	22.60			
5	16QAM	1	24	22.41	22.54	22.62			
5	16QAM	12	0	21.23	21.38	21.53			
5	16QAM	12	7	21.21	21.31	21.44	22	1	
5	16QAM	12	13	21.19	21.30	21.42			
5	16QAM	25	0	21.18	21.31	21.44			
5	16QAM	1	0	21.46	21.56	21.59			
5	16QAM	1	12	21.20	21.38	21.49	22	1	
5	16QAM	1	24	21.30	21.42	21.49			
5	16QAM	12	0	20.24	20.33	20.49			
5	16QAM	12	7	20.19	20.30	20.43	21	2	
5	16QAM	12	13	20.16	20.28	20.44			
5	16QAM	25	0	20.17	20.34	20.47			
Channel				18615	18900	19185			
Frequency (MHz)				1861.5	1890	1908.5			
3	QPSK	1	0	22.48	22.42	22.40			
3	QPSK	1	8	22.49	22.58	22.56	23	0	
3	QPSK	1	14	22.46	22.56	22.50			
3	QPSK	8	0	22.19	22.31	22.46			
3	QPSK	8	4	22.21	22.32	22.43	23	0	
3	QPSK	8	7	22.18	22.26	22.42			
3	QPSK	15	0	22.15	22.29	22.43			
3	16QAM	1	0	22.57	22.65	22.90	23	0	
3	16QAM	1	8	22.45	22.60	22.71			
3	16QAM	1	14	22.42	22.57	22.65			
3	16QAM	8	0	21.23	21.39	21.47			
3	16QAM	8	4	21.26	21.38	21.49	22	1	
3	16QAM	8	7	21.20	21.33	21.42			
3	16QAM	15	0	21.18	21.33	21.45			
3	16QAM	1	0	21.40	21.48	21.60			
3	16QAM	1	8	21.38	21.50	21.57	22	1	
3	16QAM	1	14	21.30	21.45	21.55			
3	16QAM	8	0	20.23	20.35	20.47			
3	16QAM	8	4	20.20	20.34	20.47	21	2	
3	16QAM	8	7	20.16	20.29	20.43			
3	16QAM	15	0	20.14	20.30	20.44			
Channel				18607	18900	19193			
Frequency (MHz)				1860.7	1890	1909.3			
1.4	QPSK	1	0	22.60	22.50	22.40			
1.4	QPSK	1	3	22.47	22.64	22.73	23	0	
1.4	QPSK	1	5	22.41	22.57	22.63			
1.4	QPSK	3	0	22.44	22.59	22.66			
1.4	QPSK	3	1	22.47	22.61	22.73			
1.4	QPSK	3	3	22.44	22.56	22.73	23	0	
1.4	QPSK	6	0	22.39	22.25	22.36			
1.4	16QAM	1	0	22.54	22.58	22.78			
1.4	16QAM	1	3	22.45	22.59	22.78	23	0	
1.4	16QAM	1	5	22.42	22.50	22.62			
1.4	16QAM	3	0	22.20	22.32	22.40			
1.4	16QAM	3	1	22.22	22.33	22.41	23	0	
1.4	16QAM	3	3	22.17	22.31	22.34			
1.4	16QAM	6	0	21.21	21.33	21.52	22	1	
1.4	16QAM	1	0	21.27	21.40	21.58			
1.4	16QAM	1	3	21.30	21.44	21.58			
1.4	16QAM	1	5	21.21	21.32	21.48			
1.4	16QAM	3	0	21.22	21.34	21.40	22	1	
1.4	16QAM	3	1	21.24	21.36	21.44			
1.4	16QAM	3	3	21.15	21.29	21.34			
1.4	16QAM	6	0	20.12	20.27	20.40	21	2	

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				26800	21100	21350			
Frequency (MHz)				26800	2535	2590			
20	QPSK	1	0	20.77	21.00	20.75			
20	QPSK	1	49	20.87	20.86	20.87	21.5	0	
20	QPSK	1	99	20.70	20.77	20.65			
20	QPSK	50	0	20.86	20.94	20.76			
20	QPSK	50	24	20.90	20.90	20.87	21.5	0	
20	QPSK	50	50	20.90	20.82	20.77			
20	16QAM	1	0	20.83	20.88	20.86			
20	16QAM	1	0	20.77	20.78	20.69			
20	16QAM	1	49	20.88	20.80	20.86	21.5	0	
20	16QAM	1	99	20.65	20.72	20.62			
20	16QAM	50	0	20.58	20.60	20.48			
20	16QAM	50	24	20.63	20.60	20.58	21.5	0	
20	16QAM	50	50	20.62	20.52	20.50			
20	16QAM	100	0	20.54	20.52	20.53			
20	16QAM	1	0	20.64	20.71	20.57			
20	16QAM	1	49	20.75	20.73	20.73	21.5	0	
20	16QAM	1	99	20.54	20.58	20.49			
20	16QAM	5							



Band 38(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				37850	38000	38150						
Frequency (MHz)				2590	2595	2610						
20	QPSK	1	0	21.72	21.74	21.69	22.5	0				
20	QPSK	1	49	21.77	21.74	21.72						
20	QPSK	1	99	21.77	21.69	21.77						
20	QPSK	50	0	21.74	21.69	21.69						
20	QPSK	50	24	21.77	21.75	21.68	22.5	0				
20	QPSK	50	50	21.76	21.72	21.68						
20	QPSK	100	0	21.75	21.77	21.75						
20	16QAM	1	0	21.72	21.67	21.80						
20	16QAM	1	49	21.75	21.72	21.82	22.5	0				
20	16QAM	1	99	21.63	21.65	21.67						
20	16QAM	50	0	20.79	20.74	20.80						
20	16QAM	50	24	20.84	20.81	20.86						
20	16QAM	50	50	20.77	20.84	20.88	22	0.5				
20	16QAM	100	0	20.71	20.77	20.85						
20	64QAM	1	0	20.69	20.66	20.75						
20	64QAM	1	49	20.75	20.70	20.79						
20	64QAM	1	99	20.81	20.87	20.90	22	0.5				
20	64QAM	50	0	19.96	19.93	19.97						
20	64QAM	50	24	20.00	19.95	20.02						
20	64QAM	50	50	19.95	20.01	20.04						
20	64QAM	100	0	19.97	20.02	20.11	21	1.5				
Channel				37825	38000	38175						
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	21.42	21.37	21.33			22.5	0		
15	QPSK	1	37	21.57	21.50	21.50						
15	QPSK	1	74	21.54	21.49	21.51						
15	QPSK	36	0	21.43	21.42	21.45						
15	QPSK	36	20	21.58	21.50	21.51	22.5	0				
15	QPSK	36	39	21.49	21.52	21.53						
15	QPSK	75	0	21.52	21.44	21.44						
15	16QAM	1	0	21.57	21.52	21.50						
15	16QAM	1	37	21.69	21.72	21.59	22.5	0				
15	16QAM	1	74	21.69	21.66	21.66						
15	16QAM	36	0	20.62	20.58	20.65						
15	16QAM	36	20	20.68	20.67	20.68						
15	16QAM	36	39	20.73	20.73	20.77	22	0.5				
15	16QAM	75	0	20.70	20.67	20.68						
15	64QAM	1	0	20.45	20.41	20.37						
15	64QAM	1	37	20.69	20.65	20.53						
15	64QAM	1	74	20.56	20.57	20.53	22	0.5				
15	64QAM	36	0	20.09	20.05	20.13						
15	64QAM	36	20	20.16	20.14	20.14						
15	64QAM	36	39	20.19	20.19	20.11						
15	64QAM	75	0	20.12	20.10	20.11	21	1.5				
Channel				37800	38000	38200						
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	21.81	21.63	21.54			22.5	0		
10	QPSK	1	25	21.66	21.55	21.51						
10	QPSK	1	49	21.83	21.71	21.69						
10	QPSK	25	0	21.68	21.53	21.41						
10	QPSK	25	12	21.61	21.51	21.51	22.5	0				
10	QPSK	25	25	21.69	21.56	21.53						
10	QPSK	50	0	21.64	21.52	21.51						
10	16QAM	1	0	21.68	21.73	21.70						
10	16QAM	1	25	21.71	21.65	21.61	22.5	0				
10	16QAM	1	49	21.68	21.70	21.73						
10	16QAM	25	0	20.73	20.59	20.65						
10	16QAM	25	12	20.67	20.75	20.70						
10	16QAM	25	25	20.67	20.77	20.72	22	0.5				
10	16QAM	50	0	20.59	20.57	20.75						
10	64QAM	1	0	20.74	20.62	20.56						
10	64QAM	1	25	20.56	20.50	20.46						
10	64QAM	1	49	20.77	20.74	20.63	22	0.5				
10	64QAM	25	0	20.07	20.17	20.04						
10	64QAM	25	12	20.02	20.12	20.09						
10	64QAM	25	25	20.11	20.16	20.15						
10	64QAM	50	0	20.02	20.16	20.11	21	1.5				
Channel				37775	38000	38225						
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	21.78	21.63	21.59			22.5	0		
5	QPSK	1	12	21.76	21.75	21.49						
5	QPSK	1	24	21.57	21.51	21.42						
5	QPSK	12	0	21.68	21.53	21.48						
5	QPSK	12	7	21.67	21.52	21.46	22.5	0				
5	QPSK	12	13	21.59	21.50	21.42						
5	QPSK	25	0	21.68	21.53	21.47						
5	16QAM	1	0	21.73	21.73	21.70						
5	16QAM	1	12	21.81	21.83	21.80	22.5	0				
5	16QAM	1	24	21.71	21.62	21.57						
5	16QAM	12	0	20.87	20.76	20.70						
5	16QAM	12	7	20.84	20.72	20.65						
5	16QAM	12	13	20.77	20.69	20.64	22	0.5				
5	16QAM	25	0	20.79	20.79	20.69						
5	64QAM	1	0	20.70	20.66	20.62						
5	64QAM	1	12	20.76	20.61	20.66						
5	64QAM	1	24	20.65	20.57	20.45	22	0.5				
5	64QAM	12	0	20.14	20.20	20.12						
5	64QAM	12	7	20.11	20.15	20.08						
5	64QAM	12	13	20.19	20.12	20.07						
5	64QAM	25	0	20.11	20.17	20.08	21	1.5				

Band 41 (2.6G Band)													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				40140	40400	40670	41140						
Frequency (MHz)				2545	2571	2598	2645						
20	QPSK	1	0	21.80	21.73	21.85	21.50	22.5	0				
20	QPSK	1	49	21.83	21.77	21.82	21.65						
20	QPSK	1	99	21.78	21.80	21.72	21.65						
20	QPSK	50	0	21.78	21.77	21.60	21.65						
20	QPSK	50	24	21.79	21.78	21.78	21.68	22.5	0				
20	QPSK	50	50	21.65	21.67	21.57	21.50						
20	QPSK	100	0	21.70	21.74	21.78	21.55						
20	16QAM	1	0	21.74	21.77	21.82	21.80						
20	16QAM	1	49	21.80	21.82	21.83	21.82	22.5	0				
20	16QAM	1	99	21.66	21.67	21.67	21.76						
20	16QAM	50	0	20.70	20.77	20.79	20.82						
20	16QAM	50	24	20.75	20.83	20.87	20.83						
20	16QAM	50	50	20.79	20.84	20.88	20.84	22	0.5				
20	16QAM	100	0	20.83	20.88	20.89	20.88						
20	64QAM	1	0	20.76	20.79	20.81	20.81						
20	64QAM	1	49	20.78	20.78	20.81	20.80						
20	64QAM	1	99	20.89	20.90	20.96	20.91	22	0.5				
20	64QAM	50	0	19.97	20.02	20.06	20.06						
20	64QAM	50	24	20.01	20.07	20.12	20.09						
20	64QAM	50	50	20.03	20.11	20.11	20.08						
20	64QAM	100	0	20.05	20.09	20.08	20.09	21	1.5				
Channel				40115	40395	40685	41165						
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5						
15	QPSK	1	0	21.09	21.15	21.03	20.98			22.5	0		
15	QPSK	1	37	21.40	21.30	21.19	21.10						
15	QPSK	1	74	21.39	21.39	21.27	21.12						
15	QPSK	36	0	21.52	21.57	21.45	21.35						
15	QPSK	36	20	21.58	21.62	21.50	21.39	22.5	0				
15	QPSK	36	39	21.66	21.66	21.52	21.40						
15	QPSK	75	0	21.61	21.60	21.44	21.37						
15	16QAM	1	0	21.36	21.31	21.25	21.21						
15	16QAM	1	37	21.65	21.70	21.49	21.56	22.5	0				
15	16QAM	1	74	21.53	21.54	21.39	21.31						
15	16QAM	36	0	20.72	20.75	20.61	20.57						
15	16QAM	36	20	20.77	20.66	20.68	20.61						
15	16QAM	36	39	20.81	20.86	20.70	20.64	22	0.5				
15	16QAM	75	0	20.84	20.83	20.69	20.55						
15	64QAM	1	0	20.06	20.05	20.06	20.00						
15	64QAM	1	37	20.40	20.41	20.28	20.33						
15	64QAM	1	74	20.19	20.22	20.05	20.01	22	0.5				
15	64QAM	36	0</										



2.4GHz WLAN		Ant 1 Full Power				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.08	19.50	100.00
		6	2437	18.16	19.50	
		11	2462	18.18	19.50	
802.11g 6Mbps	802.11n-HT20 MCS0	1	2412	17.90	19.00	98.28
		6	2437	17.91	19.00	
		11	2462	17.92	19.00	
802.11n-HT20 MCS0	802.11ac-VHT20 MCS0	1	2412	17.00	18.50	98.16
		6	2437	16.96	18.50	
		11	2462	16.98	18.50	

5GHz WLAN		Ant 1 Full Power						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.90	19.00	98.28		
		40	5200	18.01	19.00			
		44	5220	17.83	19.00			
		48	5240	17.36	19.00			
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	36	5180	16.90	17.50	98.16	
			40	5200	16.87	17.50		
			44	5220	16.73	17.50		
			48	5240	16.20	17.50		
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	16.08	17.50	96.32	
			46	5230	15.66	17.50		
			36	5180	16.91	17.50		98.16
			40	5200	16.73	17.50		
44	5220	16.84	17.50					
48	5240	16.59	17.50					
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	16.96	17.50	96.35		
		46	5230	16.64	17.50			
		42	5210	16.18	17.50		93.30	
		42	5210	16.18	17.50			

5GHz WLAN		Ant 1 Full Power						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.86	19.00	98.28		
		56	5280	17.97	19.00			
		60	5300	17.80	19.00			
		64	5320	17.35	19.00			
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	52	5260	16.89	17.50	98.16	
			56	5280	16.91	17.50		
			60	5300	16.89	17.50		
			64	5320	16.40	17.50		
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	54	5270	15.86	17.50	96.32	
			62	5310	15.58	17.50		
			52	5260	16.94	17.50		98.16
			56	5280	16.91	17.50		
60	5300	16.90	17.50					
64	5320	16.88	17.50					
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	54	5270	16.88	17.50	96.35		
		62	5310	16.48	17.50			
		58	5290	15.58	17.50		93.30	
		58	5290	15.58	17.50			

5GHz WLAN		Ant 1 Full Power					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.43	18.00	98.28	
		116	5580	16.66	18.50		
		124	5620	16.91	18.50		
		132	5660	16.91	18.50		
		140	5700	17.80	19.00		
		144	5720	17.87	19.00		
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	100	5500	15.28	17.00	98.16
			116	5580	15.88	17.50	
			124	5620	15.98	17.50	
			132	5660	16.28	17.50	
			140	5700	16.70	17.50	
			144	5720	16.86	17.50	
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	102	5510	14.66	16.50	96.32	
		110	5550	14.98	16.50		
		126	5630	15.54	17.50		
		134	5670	15.84	17.50		
		142	5710	16.16	17.50		
		100	5500	16.38	17.50		98.16
116	5580	16.72	17.50				
124	5620	16.19	17.50				
132	5660	16.61	17.50				
140	5700	16.71	17.50				
144	5720	16.96	17.50				
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	102	5510	15.84	17.50	96.35	
		110	5550	16.26	17.50		
		126	5630	16.92	17.50		
		134	5670	17.20	17.50		
		142	5710	17.16	17.50		
		106	5530	14.62	16.50		93.30
122	5610	15.52	17.50				
138	5690	16.20	17.50				
138	5690	16.20	17.50				

5GHz WLAN		Ant 1 Full Power						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.32	13.50	98.28		
		157	5785	12.27	13.50			
		165	5825	12.46	13.50			
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	149	5745	12.29	13.50	98.16	
			157	5785	12.10	13.50		
			165	5825	12.36	13.50		
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	151	5755	11.80	13.50	96.32	
			159	5795	11.90	13.50		
			149	5745	12.33	13.50		98.16
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	157	5785	12.05	13.50	96.35	
			165	5825	12.43	13.50		
			151	5755	11.87	13.50		96.35
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	159	5795	11.95	13.50	93.30		
		155	5775	12.28	13.50			
		155	5775	12.28	13.50			

5GHz WLAN		Ant 1 Sensor						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.41	17.00	98.28		
		40	5200	16.47	17.00			
		44	5220	16.40	17.00			
		48	5240	16.37	17.00			
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	36	5180	17.00	17.00	98.16	
			40	5200	17.00	17.00		
			44	5220	17.00	17.00		
			48	5240	17.00	17.00		
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	17.00	17.00	96.32	
			46	5230	17.00	17.00		
			36	5180	Not Required	17.00		98.16
			40	5200	Not Required	17.00		
44	5220	Not Required	17.00					
48	5240	Not Required	17.00					
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	17.00	17.00	96.35		
		46	5230	17.00	17.00			
		42	5210	17.00	17.00		93.30	
		42	5210	17.00	17.00			

5GHz WLAN		Ant 1 Hotspot						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.67	17.00	98.28		
		40	5200	15.94	17.00			
		44	5220	15.83	17.00			
		48	5240	15.82	17.00			
	802.11n-HT20 MCS0	802.11n-HT40 MCS0	36	5180	17.00	17.00	98.16	
			40	5200	17.00	17.00		
			44	5220	17.00	17.00		
			48	5240	17.00	17.00		
	802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	17.00	17.00	96.32	
			46	5230	17.00	17.00		
			36	5180	Not Required	17.00		98.16
			40	5200	Not Required	17.00		
44	5220	Not Required	17.00					
48	5240	Not Required	17.00					
802.11ac-VHT20 MCS0	802.11ac-VHT40 MCS0	38	5190	17.00	17.00	96.35		
		46	5230	17.00	17.00			
		42	5210	17.00	17.00		93.30	
		42	5210	17.00	17.00			



BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.23	11.53	11.63	9.66	9.45	9.27	9.49	9.37	9.33	12
	CH 39	2441	11.26	11.65	11.75	9.90	9.76	9.64	9.73	9.68	9.60	
	CH 78	2480	11.06	11.16	11.31	9.61	9.16	8.62	9.63	9.24	8.76	

LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	6.98
	CH 19	2440	7.69
	CH 39	2480	7.51
Tune-up Limit			9