

10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAB	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %

10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	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.

DSI 2&4&6									
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	33.50	824.2	836.4	848.8	24.50
GSM 1 Tx slot		31.91	32.04	32.05		22.91	23.04	23.05	
GPRS 1 Tx slot		31.96	32.06	32.08	33.50	22.96	23.06	23.08	24.50
GPRS 2 Tx slots		30.81	30.62	30.52	32.50	24.81	24.62	24.52	26.50
GPRS 3 Tx slots		29.56	29.09	28.58	30.50	25.30	24.83	24.32	26.24
GPRS 4 Tx slots		27.54	27.01	26.55	28.50	24.54	24.01	23.55	25.50
EDGE 1 Tx slot		25.39	25.51	25.47	27.00	16.39	16.51	16.47	18.00
EDGE 2 Tx slots		24.37	24.45	24.40	25.50	18.37	18.45	18.40	19.50
EDGE 3 Tx slots		22.79	22.87	22.83	24.00	18.53	18.61	18.57	19.74
EDGE 4 Tx slots		21.19	21.32	21.26	22.50	18.19	18.32	18.26	19.50

DSI 2&4&6									
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)		1850.2	1880	1909.8	30.50	1850.2	1880	1909.8	21.50
GSM 1 Tx slot		29.46	29.47	29.19		20.46	20.47	20.19	
GPRS 1 Tx slot		29.50	29.50	29.27	30.50	20.50	20.50	20.27	21.50
GPRS 2 Tx slots		28.43	28.42	28.21	29.50	22.43	22.42	22.21	23.50
GPRS 3 Tx slots		26.58	26.61	26.42	28.00	22.32	22.35	22.16	23.74
GPRS 4 Tx slots		24.94	24.48	24.08	26.00	21.94	21.48	21.08	23.00
EDGE 1 Tx slot		24.55	24.66	24.74	26.00	15.55	15.66	15.74	17.00
EDGE 2 Tx slots		23.35	23.49	23.62	24.50	17.35	17.49	17.62	18.50
EDGE 3 Tx slots		21.70	21.82	21.94	23.00	17.44	17.56	17.68	18.74
EDGE 4 Tx slots		20.12	20.23	20.33	21.50	17.12	17.23	17.33	18.50

DSI 2&4&6													
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	4488	
Frequency (MHz)		1852.4	1860	1907.6		1712.4	1728.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.18	22.86	23.01	24.00	23.06	23.07	23.01	24.00	22.87	23.01	22.89	24.00
3GPP Rel 99	RMC 12.2Kbps	23.23	22.95	23.03	24.00	23.10	23.12	23.06	24.00	22.95	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-1	22.26	22.00	22.05	23.00	22.11	22.13	22.08	23.00	21.97	22.07	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.00	22.04	23.00	22.10	22.16	22.09	23.00	21.99	21.76	21.96	23.00
3GPP Rel 6	HSDPA Subtest-3	21.78	21.50	21.52	22.50	21.63	21.63	21.60	22.50	21.50	21.57	21.15	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.50	21.35	22.50	21.58	21.62	21.60	22.50	21.50	21.23	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	21.99	21.95	23.50	22.06	22.08	22.00	23.50	21.88	22.06	21.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.30	21.96	21.99	23.50	22.03	22.10	22.05	23.50	21.90	21.76	21.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.76	21.47	21.52	23.00	21.54	21.60	21.51	23.00	21.42	21.49	21.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.71	21.42	21.25	23.00	21.52	21.60	21.53	23.00	21.47	21.21	21.43	23.00
3GPP Rel 6	HSUPA Subtest-1	22.27	22.02	22.04	23.00	22.11	22.08	22.04	23.00	21.93	22.08	21.97	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	19.99	20.06	21.00	20.11	20.11	20.07	21.00	19.93	19.91	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	21.27	21.00	21.06	22.00	21.10	21.06	21.02	22.00	20.88	20.94	20.88	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.04	19.98	21.00	20.16	20.17	20.10	21.00	19.97	19.94	19.86	21.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.00	22.10	23.00	22.10	22.10	22.60	23.00	22.00	21.90	21.90	23.00

DSI 2&4&6				
Band		CDMA BC0		
TX Channel		1013	384	777
Frequency (MHz)		824.7	836.52	848.31
RC1 S055		23.75	23.92	23.93
RC3 S055		23.73	23.98	23.90
RC3 S032 (F+SCF)		23.72	23.94	23.92
RC3 S032 (H+SCF)		23.71	23.95	23.92
RTAP 153.6Kbps		23.77	23.95	23.94
RETAP 4096Bits		23.74	23.94	23.91

Band 2_Ant 1 DSI 2&4&6												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel									18700	18600	18500	18400
Frequency (MHz)												
20	QPSK	1	0	23.02	22.73	22.81	24	0	23	1	22	2
20	QPSK	1	49	22.83	22.61	22.68						
20	QPSK	1	99	22.71	22.59	22.64						
20	QPSK	50	0	22.68	21.82	21.88	23	1	21	3	20	19
20	QPSK	50	24	22.07	21.82	21.84						
20	QPSK	50	50	21.93	21.78	21.85	22	2	20	2	19	18
20	QPSK	100	0	22.06	21.80	21.76						
20	16QAM	1	0	22.35	22.10	22.09	23	1	20	1	19	18
20	16QAM	1	49	22.22	22.02	22.02						
20	16QAM	1	99	22.04	21.93	22.03	22	2	20	2	19	18
20	16QAM	50	0	21.11	20.83	20.78						
20	16QAM	50	24	21.09	20.83	20.86	22	2	19	2	18	17
20	16QAM	50	50	20.96	20.79	20.85						
20	16QAM	100	0	21.06	20.79	20.79	22	2	18	2	17	16
20	64QAM	1	0	21.27	20.93	20.97						
20	64QAM	1	49	21.09	20.83	20.93	21	3	17	3	16	15
20	64QAM	1	99	20.88	20.79	20.86						
20	64QAM	50	0	20.14	19.86	19.87	21	3	16	3	15	14
20	64QAM	50	24	20.10	19.85	19.89						
20	64QAM	50	50	19.98	19.81	19.90	20	3	15	3	14	13
20	64QAM	100	0	20.08	19.85	19.81						
Channel							18075	18000	17925			
Frequency (MHz)									1807.5	1800.0	1802.5	
15	QPSK	1	0	22.95	22.69	22.80	24	0	23	1	22	2
15	QPSK	1	37	22.80	22.54	22.62						
15	QPSK	1	74	22.67	22.56	22.55	23	1	22	1	21	20
15	QPSK	36	0	22.04	21.72	21.78						
15	QPSK	36	20	21.99	21.73	21.79	23	1	21	1	20	19
15	QPSK	36	39	21.93	21.71	21.78						
15	QPSK	75	0	22.04	21.74	21.71	23	1	20	1	19	18
15	16QAM	1	0	22.31	22.06	21.99						
15	16QAM	1	37	22.19	21.97	21.94	23	1	19	1	18	17
15	16QAM	1	74	22.01	21.91	22.01						
15	16QAM	36	0	21.10	20.81	20.73	22	2	18	2	17	16
15	16QAM	36	20	21.08	20.76	20.79						
15	16QAM	36	39	20.95	20.76	20.79	22	2	17	2	16	15
15	16QAM	75	0	20.98	20.74	20.76						
15	64QAM	1	0	21.24	20.90	20.87	22	2	16	2	15	14
15	64QAM	1	37	21.09	20.78	20.86						
15	64QAM	1	74	20.87	20.73	20.86	21	3	15	3	14	13
15	64QAM	36	0	20.10	19.82	19.77						
15	64QAM	36	20	20.08	19.83	19.81	21	3	14	3	13	12
15	64QAM	36	39	19.89	19.76	19.84						
15	64QAM	75	0	20.06	19.75	19.71	20	3	13	3	12	11
15	64QAM	100	0	20.06	19.75	19.71						
Channel							18650	18600	18550			
Frequency (MHz)									1865.0	1860.0	1855.0	
10	QPSK	1	0	23.00	22.73	22.78	24	0	23	1	22	2
10	QPSK	1	25	22.80	22.60	22.67						
10	QPSK	1	49	22.67	22.51	22.60	23	1	22	1	21	20
10	QPSK	25	0	22.05	21.79	21.81						
10	QPSK	25	13	22.02	21.73	21.82	23	1	21	1	20	19
10	QPSK	25	25	21.93	21.76	21.84						
10	QPSK	50	0	22.03	21.72	21.71	23	1	20	1	19	18
10	16QAM	1	0	22.29	22.03	22.09						
10	16QAM	1	25	22.22	21.93	22.02	23	1	19	1	18	17
10	16QAM	1	49	22.00	21.83	21.97						
10	16QAM	25	0	21.09	20.81	20.73	22	2	18	2	17	16
10	16QAM	25	12	21.06	20.78	20.79						
10	16QAM	25	25	20.96	20.72	20.85	22	2	17	2	16	15
10	16QAM	50	0	21.01	20.70	20.76						
10	64QAM	1	0	21.21	20.87	20.86	22	2	16	2	15	14
10	64QAM	1	25	21.09	20.74	20.85						
10	64QAM	1	49	20.78	20.78	20.80	21	3	15	3	14	13
10	64QAM	25	0	20.04	19.75	19.78						
10	64QAM	25	12	20.08	19.76	19.80	21	3	14	3	13	12
10	64QAM	25	25	19.94	19.71	19.84						
10	64QAM	50	0	19.99	19.75	19.71	20	3	13	3	12	11
10	64QAM	100	0	19.99	19.75	19.71						
Channel							18025	18000	17975			
Frequency (MHz)									1802.5	1800.0	1807.5	
5	QPSK	1	0	22.97	22.67	22.75	24	0	23	1	22	2
5	QPSK	1	12	22.78	22.57	22.63						
5	QPSK	1	24	22.64	22.63	22.64	23	1	22	1	21	20
5	QPSK	12	0	21.98	21.82	21.84						
5	QPSK	12	7	22.01	21.75	21.79	23	1	21	1	20	19
5	QPSK	12	13	21.90	21.70	21.82						
5	QPSK	25	0	21.96	21.79	21.71	23	1	20	1	19	18
5	16QAM	1	0	22.35	22.01	22.01						
5	16QAM	1	12	22.17	21.92	21.93	23	1	19	1	18	17
5	16QAM	1	24	21.98	21.91	21.95						
5	16QAM	12	0	21.05	20.75	20.78	22	2	18	2	17	16
5	16QAM	12	7	21.02	20.80	20.86						
5	16QAM	12	13	20.91	20.75	20.75	22	2	17	2	16	15
5	16QAM	25	0	21.05	20.70	20.75						
5	64QAM	1	0	21.23	20.96	20.92	22	2	16	2	15	14
5	64QAM	1	12	21.06	20.81	20.83						
5	64QAM	1	24	20.86	20.70	20.80	21	3	15	3	14	13
5	64QAM	12	0	20.09	19.77	19.74						
5	64QAM	12	7	20.00	19.81	19.81	21	3	14	3	13	12
5	64QAM	12	13	19.89	19.72	19.89						
5	64QAM	25	0	20.00	19.85	19.81	20	3	13	3	12	11
5	64QAM	100	0	20.00	19.85	19.81						
Channel							18015	18000	17985			
Frequency (MHz)									1801.5	1800.0	1809.5	
3	QPSK	1	0	22.94	22.70	22.73	24	0	23	1	22	2
3	QPSK	1	8	22.77	22.61	22.59						
3	QPSK	1	14	22.63	22.57	22.62	23	1	22	1	21	20
3	QPSK	8	0	22.08	21.74	21.85						
3	QPSK	8	4	22.04	21.77	21.83	23	1	21	1	20	19
3	QPSK	8	7	21.86	21.74	21.78						
3	QPSK	15	0	22.05	21.80	21.66	23	1	20	1	19	18
3	16QAM	1	0	22.28	22.06	22.01						
3	16QAM	1	8	22.21	21.98	21.62	23	1	20	1	19	18
3	16QAM	1	14	21.95	21.95	22.00						
3	16QAM	8	0	21.10	20.82	20.78	22	2	18	2	17	16
3	16QAM	8	4	21.08	20.74	20.85						
3	16QAM	8	7	20.90	20.73	20.84	22	2	17	2	16	15
3	16QAM	15	0	21.03	20.92	20.77						
3	64QAM	1	0	21.22	20.91	20.92	22	2	16	2	15	14
3	64QAM	1	8	21.04	20.74	20.83						
3	64QAM	1	14	20.84	20.70	20.86	21	3	15	3	14	13
3	64QAM	8	0	20.07	19.77	19.79						
3	64QAM	8	4	20.06	19.76	19.79	21	3	14	3	13	12
3	64QAM	8	7	19.88	19.73	19.83						
3	64QAM	15	0	20.04	19.84	19.90	20	3	13	3	12	11
3	64QAM	100	0	20.04	19.84	19.90						
Channel							18007	18000	17993			
Frequency (MHz)									1800.7	1800.0	1809.3	
1.4	QPSK	1	0	23.00	22.64	22.73	24	0	23	1	22	2
1.4	QPSK	1	3	22.83	22.54	22.68						
1.4	QPSK	1	5	22.62	22.55	22.55	23	1	22	1	21	20
1.4	QPSK	3	0	22.79	22.60	22.66						
1.4	QPSK	3	1	22.84	22.57	22.56	23	1	21	1	20	19
1.4	QPSK	3	3	22.67	22.49	22.64						
1.4	QPSK	6	0	22.37	22.12	22.10	23	1	20	1	19	18
1.4	16QAM	1	0	22.35	22.06	22.08						
1.4	16QAM	1	3	22.15	21.94	22.01	23	1	19	1	18	17
1.4	16QAM	3	5	21.99	21.88	21.96						
1.4	16QAM	3	1	22.00	21.87	21.72	22	2	18	2	17	16
1.4	16QAM	3	3	21.95	21.75	21.83						
1.4	64QAM	1	0	21.18	20.87	20.91	22	2	17	2	16	15
1.4	64QAM	1	3	21.07	20.75	20.84						
1.4	64QAM	1	5	20.87	20.70	20.85	22	2	16	2	15	14
1.4	64QAM	3	1	21.06	20.83	20.72						
1.4	64QAM	3	1	21.02	20.79	20.80	21	3	15	3	14	13
1.4	64QAM	3	3	20.92	20.73	20.83						

Band 4_Ant2 DSI 2&4&6&3&5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel							Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
20	QPSK	1	0	20.92	20.91	20.89	22	0		
20	QPSK	1	49	20.71	20.71	20.68				
20	QPSK	1	99	20.74	20.66	20.62				
20	QPSK	50	0	20.01	19.97	19.91				
20	QPSK	50	24	19.97	19.88	19.82	21	1		
20	QPSK	50	50	19.92	19.85	19.78				
20	QPSK	100	0	19.93	19.92	19.79				
20	16QAM	1	0	20.21	20.28	20.25				
20	16QAM	1	49	20.10	20.07	20.01	21	1		
20	16QAM	1	99	20.04	19.95	19.87				
20	16QAM	50	0	19.98	19.99	19.93				
20	16QAM	50	24	19.00	18.90	18.82				
20	16QAM	50	50	18.91	18.86	18.80	20	2		
20	16QAM	100	0	18.95	18.89	18.81				
20	64QAM	1	0	19.12	19.10	19.10				
20	64QAM	1	49	18.90	18.95	18.89				
20	64QAM	1	99	18.91	18.86	18.84	20	2		
20	64QAM	50	0	18.90	18.01	17.94				
20	64QAM	50	24	18.03	17.94	17.85				
20	64QAM	50	50	17.94	17.89	17.84				
20	64QAM	100	0	18.03	17.91	17.83	19	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.92	20.91	20.89	22	0		
15	QPSK	1	37	20.68	20.67	20.61				
15	QPSK	1	74	20.73	20.64	20.54				
15	QPSK	36	0	19.98	19.96	19.81				
15	QPSK	36	20	19.96	19.86	19.75	21	1		
15	QPSK	36	39	19.83	19.85	19.78				
15	QPSK	75	0	19.89	19.87	19.74				
15	16QAM	1	0	20.18	20.19	20.25				
15	16QAM	1	37	20.00	20.02	19.95	21	1		
15	16QAM	1	74	19.96	19.95	19.77				
15	16QAM	36	0	18.93	18.97	18.87				
15	16QAM	36	20	18.98	18.81	18.82				
15	16QAM	36	39	18.88	18.83	18.77	20	2		
15	16QAM	75	0	18.94	18.87	18.75				
15	64QAM	1	0	19.02	19.02	19.06				
15	64QAM	1	37	18.92	18.91	18.80				
15	64QAM	1	74	18.90	18.81	18.76	20	2		
15	64QAM	36	0	17.97	17.98	17.84				
15	64QAM	36	20	17.97	17.94	17.78				
15	64QAM	36	39	17.88	17.79	17.78				
15	64QAM	75	0	18.03	17.85	17.79	19	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	20.91	20.81	20.86	22	0		
10	QPSK	1	25	20.61	20.63	20.66				
10	QPSK	1	49	20.71	20.59	20.62				
10	QPSK	25	0	19.96	19.88	19.82				
10	QPSK	25	12	19.98	19.84	19.80	21	1		
10	QPSK	25	25	19.91	19.78	19.71				
10	QPSK	50	0	19.87	19.83	19.77				
10	16QAM	1	0	20.13	20.27	20.18				
10	16QAM	1	25	20.09	20.04	19.96	21	1		
10	16QAM	1	49	20.02	19.88	19.79				
10	16QAM	25	0	18.89	18.91	18.87				
10	16QAM	25	12	18.99	18.90	18.72				
10	16QAM	25	25	18.81	18.82	18.80	20	2		
10	16QAM	50	0	18.91	18.84	18.73				
10	64QAM	1	0	19.12	19.10	19.02				
10	64QAM	1	25	18.85	18.93	18.79				
10	64QAM	1	49	18.88	18.79	18.76	20	2		
10	64QAM	25	0	17.96	17.98	17.92				
10	64QAM	25	12	18.00	17.91	17.76				
10	64QAM	25	25	17.87	17.86	17.83				
10	64QAM	50	0	17.93	17.85	17.83	19	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.86	20.82	20.89	22	0		
5	QPSK	1	12	20.68	20.69	20.66				
5	QPSK	1	24	20.73	20.66	20.54				
5	QPSK	12	0	19.93	19.94	19.89				
5	QPSK	12	7	19.91	19.82	19.77	21	1		
5	QPSK	12	13	19.87	19.79	19.76				
5	QPSK	25	0	19.83	19.91	19.77				
5	16QAM	1	0	20.17	20.27	20.21				
5	16QAM	1	12	20.05	20.02	20.01	21	1		
5	16QAM	1	24	20.04	19.87	19.82				
5	16QAM	12	0	18.91	18.92	18.83				
5	16QAM	12	7	18.98	18.89	18.80				
5	16QAM	12	13	18.96	18.79	18.77	20	2		
5	16QAM	25	0	18.92	18.82	18.79				
5	64QAM	1	0	19.08	19.02	19.08				
5	64QAM	1	12	18.87	18.94	18.89				
5	64QAM	1	24	18.84	18.80	18.82	20	2		
5	64QAM	12	0	17.98	18.00	17.85				
5	64QAM	12	7	18.03	17.94	17.84				
5	64QAM	12	13	17.90	17.80	17.84				
5	64QAM	25	0	18.01	17.85	17.79	19	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.88	20.84	20.80	22	0		
3	QPSK	1	8	20.71	20.71	20.67				
3	QPSK	1	14	20.65	20.56	20.54				
3	QPSK	8	0	19.91	19.92	19.87				
3	QPSK	8	4	19.93	19.82	19.72	21	1		
3	QPSK	8	7	19.90	19.83	19.70				
3	QPSK	15	0	19.93	19.88	19.79				
3	16QAM	1	0	20.13	20.26	20.20				
3	16QAM	1	8	20.01	19.99	19.94	21	1		
3	16QAM	1	14	19.95	19.91	19.82				
3	16QAM	8	0	18.98	18.99	18.92				
3	16QAM	8	4	18.96	18.82	18.80				
3	16QAM	8	7	18.88	18.77	18.77	20	2		
3	16QAM	15	0	18.90	18.86	18.77				
3	64QAM	1	0	19.12	19.02	19.05				
3	64QAM	1	8	18.87	18.87	18.83				
3	64QAM	1	14	18.90	18.84	18.84	20	2		
3	64QAM	8	0	17.92	18.01	17.89				
3	64QAM	8	4	18.02	17.85	17.80				
3	64QAM	8	7	17.88	17.79	17.75	19	3		
3	64QAM	15	0	18.01	17.84	17.76				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	20.91	20.82	20.88	22	0		
1.4	QPSK	1	3	20.70	20.67	20.59				
1.4	QPSK	1	5	20.64	20.60	20.58				
1.4	QPSK	3	0	20.61	20.69	20.64				
1.4	QPSK	3	3	20.66	20.62	20.56	21	1		
1.4	QPSK	6	0	19.87	19.85	19.78				
1.4	16QAM	1	0	20.21	20.26	20.16				
1.4	16QAM	1	3	20.06	20.03	19.97				
1.4	16QAM	1	5	19.95	19.92	19.86	21	1		
1.4	16QAM	3	0	20.14	20.28	20.23				
1.4	16QAM	3	1	20.09	20.07	19.94				
1.4	16QAM	3	3	19.96	19.87	19.78				
1.4	16QAM	6	0	18.89	18.82	18.80	20	2		
1.4	16QAM	6	1	19.09	19.03	19.00				
1.4	64QAM	1	3	18.89	18.85	18.80				
1.4	64QAM	1	5	18.93	18.85	18.80				
1.4	64QAM	3	0	18.94	18.94	18.89	20	2		
1.4	64QAM	3	1	18.90	18.83	18.82				
1.4	64QAM	3	3	18.82	18.82	18.75				
1.4	64QAM	6	0	17.94	17.84	17.82				

Band 7_Ant 1 DSI 284													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)					
Channel				2010	2100	2150							
Frequency (MHz)				2010	2035	2060							
20	QPSK	1	0	22.86	23.22	23.03	24	0					
20	QPSK	1	49	22.84	23.20	23.01							
20	QPSK	1	99	22.80	23.10	22.98	23	1					
20	QPSK	50	0	22.05	22.28	22.19							
20	QPSK	50	24	22.01	22.27	22.16							
20	QPSK	50	50	21.95	22.20	22.12							
20	QPSK	100	0	21.98	22.25	22.18	23	1					
20	16QAM	1	0	22.11	22.39	22.38							
20	16QAM	1	49	22.18	22.52	22.42							
20	16QAM	1	99	22.32	22.55	22.36							
20	16QAM	50	0	20.87	21.20	21.17	22	2					
20	16QAM	50	24	21.03	21.28	21.19							
20	16QAM	50	50	21.07	21.28	21.11							
20	16QAM	100	0	20.99	21.23	21.18							
20	64QAM	1	0	20.98	21.18	21.30	22	2					
20	64QAM	1	49	21.08	21.40	21.24							
20	64QAM	1	99	21.26	21.35	20.93							
20	64QAM	50	0	19.91	20.24	20.18							
20	64QAM	50	24	20.05	20.29	20.24	21	3					
20	64QAM	50	50	20.06	20.32	20.13							
20	64QAM	100	0	20.01	20.27	20.20				Turn-up limit (dBm)	MPR (dB)		
Channel				20025	21100	21375							
Frequency (MHz)				2007.5	2035	2062.5							
15	QPSK	1	0	22.76	23.19	23.03	24	0					
15	QPSK	1	37	22.76	23.20	22.93							
15	QPSK	1	74	22.78	23.08	22.94							
15	QPSK	36	0	22.04	22.26	22.18							
15	QPSK	36	20	21.92	22.19	22.07	23	1					
15	QPSK	36	39	21.88	22.20	22.06							
15	QPSK	75	0	21.90	22.20	22.16							
15	16QAM	1	0	22.08	22.32	22.33							
15	16QAM	1	37	22.18	22.49	22.33	23	1					
15	16QAM	1	74	22.31	22.48	22.34							
15	16QAM	36	0	20.87	21.13	21.10							
15	16QAM	36	20	20.97	21.24	21.19							
15	16QAM	36	39	21.04	21.18	21.02	22	2					
15	16QAM	75	0	20.91	21.13	21.08							
15	64QAM	1	0	20.96	21.08	21.27							
15	64QAM	1	37	21.02	21.30	21.18							
15	64QAM	1	74	21.18	21.28	20.90	22	2					
15	64QAM	36	0	19.81	20.18	20.13							
15	64QAM	36	20	19.96	20.21	20.15							
15	64QAM	36	39	19.97	20.26	20.03							
15	64QAM	75	0	19.97	20.18	20.18	Turn-up limit (dBm)	MPR (dB)					
Channel				20000	21100	21400							
Frequency (MHz)				2005	2035	2065							
10	QPSK	1	0	22.84	23.19	23.00	24	0					
10	QPSK	1	25	22.74	23.10	22.98							
10	QPSK	1	49	22.72	23.03	22.90	23	1					
10	QPSK	25	0	22.02	22.19	22.16							
10	QPSK	25	12	21.96	22.22	22.07							
10	QPSK	25	25	21.90	22.15	22.06							
10	QPSK	50	0	21.93	22.22	22.17	23	1					
10	16QAM	1	0	22.01	22.37	22.35							
10	16QAM	1	25	22.16	22.50	22.38							
10	16QAM	1	49	22.25	22.48	22.33							
10	16QAM	25	0	20.77	21.14	21.12	22	2					
10	16QAM	25	12	20.98	21.21	21.11							
10	16QAM	25	25	21.00	21.27	21.07							
10	16QAM	50	0	20.99	21.13	21.12							
10	64QAM	1	0	20.99	21.17	21.30	22	2					
10	64QAM	1	25	20.98	21.31	21.23							
10	64QAM	1	49	21.25	21.32	20.89							
10	64QAM	25	0	19.88	20.15	20.10							
10	64QAM	25	12	20.00	20.21	20.20	21	3					
10	64QAM	25	25	19.97	20.24	20.13							
10	64QAM	50	0	19.94	20.19	20.17						Turn-up limit (dBm)	MPR (dB)
Channel				20075	21100	21425							
Frequency (MHz)				2002.5	2035	2067.5							
5	QPSK	1	0	22.86	23.20	23.03	24	0					
5	QPSK	1	12	22.83	23.10	22.96							
5	QPSK	1	24	22.72	23.10	22.93	23	1					
5	QPSK	12	0	22.02	22.23	22.12							
5	QPSK	12	7	21.98	22.27	22.15							
5	QPSK	12	13	21.95	22.10	22.11							
5	QPSK	25	0	21.95	22.19	22.11	23	1					
5	16QAM	1	0	22.01	22.39	22.28							
5	16QAM	1	12	22.10	22.45	22.38							
5	16QAM	1	24	22.31	22.51	22.36							
5	16QAM	12	0	20.86	21.14	21.11	22	2					
5	16QAM	12	7	21.02	21.20	21.09							
5	16QAM	12	13	20.98	21.23	21.09							
5	16QAM	25	0	20.90	21.17	21.10							
5	64QAM	1	0	20.94	21.08	21.27	22	2					
5	64QAM	1	12	21.04	21.38	21.18							
5	64QAM	1	24	21.18	21.35	20.97							
5	64QAM	12	0	19.86	20.15	20.18							
5	64QAM	12	7	20.05	20.26	20.17	21	3					
5	64QAM	12	13	19.99	20.31	20.08							
5	64QAM	25	0	19.99	20.26	20.12							

Band 7_Ant2 DSI 28486									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				20650	21100	21350			
Frequency (MHz)				2100	2150	2190			
20	QPSK	1	0	21.00	21.17	20.94	22	0	
20	QPSK	1	49	20.84	21.13	20.88			
20	QPSK	1	99	20.74	21.13	20.93			
20	QPSK	50	0	20.07	20.21	20.10	21	1	
20	QPSK	50	24	20.02	20.20	20.07			
20	QPSK	50	50	20.04	20.12	19.98			
20	QPSK	100	0	20.05	20.11	20.06	21	1	
20	16QAM	1	0	20.09	20.31	20.23			
20	16QAM	1	49	20.24	20.51	20.24			
20	16QAM	1	99	20.36	20.46	20.29	20	2	
20	16QAM	50	0	18.88	19.16	19.05			
20	16QAM	50	24	19.03	19.22	19.08			
20	16QAM	50	50	19.04	19.23	19.02	20	2	
20	16QAM	100	0	18.99	19.16	19.05			
20	64QAM	1	0	18.93	19.20	19.16			
20	64QAM	1	49	19.05	19.36	19.16	20	2	
20	64QAM	1	99	19.22	19.36	18.96			
20	64QAM	50	0	17.91	18.17	18.08			
20	64QAM	50	24	18.05	18.24	18.11	19	3	
20	64QAM	50	50	18.06	18.24	18.01			
20	64QAM	100	0	18.00	18.20	18.11			
Channel				20625	21100	21375	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2107.5	2155	2192.5			
15	QPSK	1	0	20.90	21.09	20.88	22	0	
15	QPSK	1	37	20.74	21.04	20.78			
15	QPSK	1	74	20.73	21.08	20.91			
15	QPSK	36	0	20.06	20.18	20.07	21	1	
15	QPSK	36	20	19.96	20.13	20.00			
15	QPSK	36	39	20.00	20.11	19.90			
15	QPSK	75	0	20.03	20.01	20.06	21	1	
15	16QAM	1	0	20.09	20.31	20.13			
15	16QAM	1	37	20.18	20.47	20.18			
15	16QAM	1	74	20.31	20.39	20.23	21	1	
15	16QAM	36	0	18.79	19.12	18.99			
15	16QAM	36	20	18.96	19.17	18.95			
15	16QAM	36	39	19.01	19.23	18.93	20	2	
15	16QAM	75	0	18.99	19.12	18.95			
15	64QAM	1	0	18.85	19.18	19.13			
15	64QAM	1	37	18.97	19.32	19.12	20	2	
15	64QAM	1	74	19.21	19.36	18.89			
15	64QAM	36	0	17.88	18.10	18.05			
15	64QAM	36	20	17.99	18.24	18.05	19	3	
15	64QAM	36	39	18.03	18.16	17.94			
15	64QAM	75	0	17.92	18.17	18.03			
Channel				20600	21100	21400	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				21050	2150	2195			
10	QPSK	1	0	20.98	21.10	20.94	22	0	
10	QPSK	1	25	20.79	21.13	20.84			
10	QPSK	1	49	20.66	21.10	20.86			
10	QPSK	25	0	20.00	20.16	20.08	21	1	
10	QPSK	25	12	19.99	20.11	20.04			
10	QPSK	25	25	19.94	20.04	19.93			
10	QPSK	50	0	20.03	20.08	20.01	21	1	
10	16QAM	1	0	20.02	20.22	20.15			
10	16QAM	1	25	20.22	20.41	20.14			
10	16QAM	1	49	20.34	20.42	20.25	21	1	
10	16QAM	25	0	18.83	19.13	18.98			
10	16QAM	25	12	19.01	19.12	19.02			
10	16QAM	25	25	19.02	19.21	19.01	20	2	
10	16QAM	50	0	18.91	19.20	19.06			
10	64QAM	1	0	18.86	19.20	19.06			
10	64QAM	1	25	19.00	19.27	19.14	20	2	
10	64QAM	1	49	19.20	19.26	18.87			
10	64QAM	25	0	17.89	18.11	18.01			
10	64QAM	25	12	17.96	18.15	18.01	19	3	
10	64QAM	25	25	18.03	18.21	17.94			
10	64QAM	50	0	17.97	18.14	18.08			
Channel				20775	21100	21425	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				21502.5	21505	21507.5			
5	QPSK	1	0	20.94	21.09	20.84	22	0	
5	QPSK	1	12	20.83	21.06	20.88			
5	QPSK	1	24	20.66	21.08	20.90			
5	QPSK	12	0	20.05	20.15	20.02	21	1	
5	QPSK	12	7	19.93	20.14	20.05			
5	QPSK	12	13	20.02	20.12	19.93			
5	QPSK	25	0	19.97	20.01	20.05	21	1	
5	16QAM	1	0	20.00	20.30	20.21			
5	16QAM	1	12	20.19	20.50	20.20			
5	16QAM	1	24	20.28	20.36	20.21	21	1	
5	16QAM	12	0	18.86	19.09	18.99			
5	16QAM	12	7	19.03	19.21	18.99			
5	16QAM	12	13	18.94	19.18	18.92	20	2	
5	16QAM	25	0	18.89	19.13	19.05			
5	64QAM	1	0	18.89	19.29	19.10			
5	64QAM	1	12	19.03	19.32	19.12	20	2	
5	64QAM	1	24	19.15	19.34	18.99			
5	64QAM	12	0	17.90	18.10	18.02			
5	64QAM	12	7	18.03	18.21	18.03	19	3	
5	64QAM	12	13	18.04	18.15	17.91			
5	64QAM	25	0	17.90	18.16	18.04			

Band 12_Ant2 DSI 2&4&6&3&5									
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	23180	23	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.13	22.08	21.90	23	0	
10	QPSK	1	25	21.84	21.92	21.91			
10	QPSK	1	49	22.00	22.02	21.92			
10	QPSK	25	0	21.11	21.16	21.10			
10	QPSK	25	12	21.09	21.08	21.04	22	1	
10	QPSK	25	25	21.01	21.02	21.03			
10	QPSK	50	0	21.10	21.13	21.07			
10	16QAM	1	0	21.16	21.16	21.26			
10	16QAM	1	25	21.23	21.29	21.29	22	1	
10	16QAM	1	49	21.34	21.34	21.34			
10	16QAM	25	0	20.00	20.09	20.07			
10	16QAM	25	12	20.10	20.08	20.06			
10	16QAM	25	25	20.08	20.08	20.07	21	2	
10	16QAM	50	0	20.08	20.06	20.07			
10	64QAM	1	0	20.08	20.13	20.14			
10	64QAM	1	25	20.21	20.24	20.25			
10	64QAM	1	49	20.29	20.25	20.18	21	2	
10	64QAM	25	0	19.05	19.10	19.10			
10	64QAM	25	12	19.13	19.15	19.14			
10	64QAM	25	25	19.09	19.17	19.14			
10	64QAM	50	0	19.13	19.12	19.10	20	3	
Channel				23065	23095	23185			
Frequency (MHz)				701.5	707.5	713.5	23	0	
5	QPSK	1	0	22.03	22.08	21.83			
5	QPSK	1	12	21.81	21.91	21.91			
5	QPSK	1	24	21.92	21.98	21.83			
5	QPSK	12	0	21.06	21.06	21.05			
5	QPSK	12	7	21.06	20.98	20.97	22	1	
5	QPSK	12	13	20.92	20.98	21.03			
5	QPSK	25	0	21.09	21.05	21.04			
5	16QAM	1	0	21.16	21.14	21.24			
5	16QAM	1	12	21.18	21.20	21.26	22	1	
5	16QAM	1	24	21.29	21.27	21.34			
5	16QAM	12	0	19.91	20.00	19.98			
5	16QAM	12	7	20.01	20.05	20.04			
5	16QAM	12	13	20.00	20.05	20.02	21	2	
5	16QAM	25	0	20.08	20.05	20.03			
5	64QAM	1	0	19.99	20.11	20.05			
5	64QAM	1	12	20.13	20.17	20.23			
5	64QAM	1	24	20.19	20.19	20.12	21	2	
5	64QAM	12	0	19.01	19.02	19.00			
5	64QAM	12	7	19.09	19.05	19.11			
5	64QAM	12	13	19.09	19.17	19.07			
5	64QAM	25	0	19.13	19.03	19.00	20	3	
Channel				23025	23095	23185			
Frequency (MHz)				700.5	707.5	714.5	23	0	
3	QPSK	1	0	21.99	21.98	21.85			
3	QPSK	1	8	21.75	21.89	21.88			
3	QPSK	1	14	22.00	21.94	21.90			
3	QPSK	8	0	21.11	21.14	21.01			
3	QPSK	8	4	21.03	21.03	20.99	22	1	
3	QPSK	8	7	21.00	21.01	20.98			
3	QPSK	15	0	21.06	21.09	21.03			
3	16QAM	1	0	21.08	21.12	21.19			
3	16QAM	1	8	21.20	21.25	21.26	22	1	
3	16QAM	1	14	21.28	21.31	21.25			
3	16QAM	8	0	19.93	20.09	19.98			
3	16QAM	8	4	20.08	19.98	20.00			
3	16QAM	8	7	20.06	20.00	20.00	21	2	
3	16QAM	15	0	20.01	20.03	20.04			
3	64QAM	1	0	20.08	20.05	20.05			
3	64QAM	1	8	20.12	20.22	20.19			
3	64QAM	1	14	20.29	20.25	20.16	21	2	
3	64QAM	8	0	19.01	19.04	19.04			
3	64QAM	8	4	19.03	19.05	19.11			
3	64QAM	8	7	18.99	19.13	19.06			
3	64QAM	15	0	19.10	19.10	19.01	20	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3	23	0	
1.4	QPSK	1	0	22.05	22.04	21.90			
1.4	QPSK	1	3	21.81	21.83	21.82			
1.4	QPSK	1	5	21.98	21.98	21.85			
1.4	QPSK	3	0	21.05	21.15	21.05			
1.4	QPSK	3	1	21.01	21.01	21.02	22	1	
1.4	QPSK	3	3	20.98	20.94	20.96			
1.4	QPSK	6	0	21.04	21.04	21.06			
1.4	16QAM	1	0	21.17	21.06	21.23			
1.4	16QAM	1	3	21.22	21.23	21.19	22	1	
1.4	16QAM	1	5	21.27	21.31	21.29			
1.4	16QAM	3	0	19.94	20.03	20.02			
1.4	16QAM	3	1	20.04	20.03	19.96			
1.4	16QAM	3	3	20.05	19.98	20.05	21	2	
1.4	16QAM	6	0	20.04	20.09	19.98			
1.4	64QAM	1	0	19.99	20.04	20.10			
1.4	64QAM	1	3	20.20	20.24	20.23			
1.4	64QAM	1	5	20.24	20.21	20.16	21	2	
1.4	64QAM	3	0	18.97	19.04	19.03			
1.4	64QAM	3	1	19.06	19.05	19.08			
1.4	64QAM	3	3	19.02	19.16	19.08			
1.4	64QAM	6	0	19.03	19.07	19.05	20	3	

Band 13_Ant 1 DSI 2&4&6&3&5									
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				23205					
Frequency (MHz)				752					
10	QPSK	1	0		22.43	22.32	24		0
10	QPSK	1	25		22.32	22.32			
10	QPSK	1	49		22.27	22.27			
10	QPSK	25	0		21.52	21.52			
10	QPSK	25	12		21.48	21.48	23		1
10	QPSK	25	25		21.48	21.48			
10	QPSK	50	0		21.52	21.52			
10	16QAM	1	0		21.82	21.82			
10	16QAM	1	25		21.76	21.76	23		1
10	16QAM	1	49		21.68	21.68			
10	16QAM	25	0		20.52	20.52			
10	16QAM	25	12		20.49	20.49			
10	16QAM	25	25		20.51	20.51	22		2
10	16QAM	50	0		20.46	20.46			
10	64QAM	1	0		20.70	20.70			
10	64QAM	1	25		20.65	20.65			
10	64QAM	1	49		20.61	20.61	22		2
10	64QAM	25	0		19.53	19.53			
10	64QAM	25	12		19.50	19.50			
10	64QAM	25	25		19.53	19.53			
10	64QAM	50	0		19.56	19.56	21		3
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.38	22.35	22.42	24		0
5	QPSK	1	12	22.26	22.27	22.28			
5	QPSK	1	24	22.27	22.27	22.22			
5	QPSK	12	0	21.51	21.48	21.47			
5	QPSK	12	7	21.43	21.42	21.42	23		1
5	QPSK	12	13	21.48	21.48	21.46			
5	QPSK	25	0	21.52	21.43	21.52			
5	16QAM	1	0	21.78	21.77	21.80			
5	16QAM	1	12	21.72	21.71	21.68	23		1
5	16QAM	1	24	21.67	21.64	21.60			
5	16QAM	12	0	20.42	20.50	20.52			
5	16QAM	12	7	20.41	20.42	20.45			
5	16QAM	12	13	20.47	20.46	20.48	22		2
5	16QAM	25	0	20.40	20.42	20.37			
5	64QAM	1	0	20.64	20.66	20.69			
5	64QAM	1	12	20.55	20.54	20.56			
5	64QAM	1	24	20.51	20.04	20.55	22		2
5	64QAM	12	0	19.51	19.51	19.48			
5	64QAM	12	7	19.50	19.49	19.44			
5	64QAM	12	13	19.49	19.47	19.45			
5	64QAM	25	0	19.55	19.51	19.47	21		3

Band 17_Ant 1 DSI 28486&3&5									
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				23749	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.65	22.67	22.68	24	0	
10	QPSK	1	25	22.60	22.65	22.64			
10	QPSK	1	49	22.55	22.57	22.56			
10	QPSK	25	0	21.75	21.85	21.85	23	1	
10	QPSK	25	12	21.75	21.77	21.78			
10	QPSK	25	25	21.70	21.76	21.71			
10	QPSK	50	0	21.78	21.82	21.75	23	1	
10	16QAM	1	0	21.94	21.92	21.95			
10	16QAM	1	25	22.01	22.03	22.02			
10	16QAM	1	49	22.08	22.01	22.03	22	2	
10	16QAM	25	0	20.70	20.69	20.70			
10	16QAM	25	12	20.86	20.79	20.76			
10	16QAM	25	25	20.79	20.80	20.80	22	2	
10	16QAM	50	0	20.80	20.75	20.74			
10	64QAM	1	0	20.79	20.76	20.77			
10	64QAM	1	25	20.92	20.95	20.94	21	3	
10	64QAM	1	49	21.02	20.93	20.91			
10	64QAM	25	0	19.72	19.74	19.76			
10	64QAM	25	12	19.87	19.81	19.82	21	3	
10	64QAM	25	25	19.86	19.88	19.88			
10	64QAM	50	0	19.87	19.73	19.79			
Channel				23755	23790	23805	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.60	22.66	22.62	24	0	
5	QPSK	1	12	22.52	22.58	22.56			
5	QPSK	1	24	22.45	22.48	22.54			
5	QPSK	12	0	21.65	21.83	21.84	23	1	
5	QPSK	12	7	21.69	21.74	21.74			
5	QPSK	12	13	21.70	21.70	21.84			
5	QPSK	25	0	21.75	21.72	21.68	23	1	
5	16QAM	1	0	21.94	21.90	21.92			
5	16QAM	1	12	21.93	22.01	21.92			
5	16QAM	1	24	21.98	22.00	21.99	22	2	
5	16QAM	12	0	20.69	20.64	20.65			
5	16QAM	12	7	20.80	20.74	20.76			
5	16QAM	12	13	20.79	20.77	20.70	22	2	
5	16QAM	25	0	20.78	20.75	20.74			
5	64QAM	1	0	20.72	20.69	20.71			
5	64QAM	1	12	20.99	20.87	20.89	21	3	
5	64QAM	1	24	20.92	20.92	20.82			
5	64QAM	12	0	19.62	19.72	19.72			
5	64QAM	12	7	19.84	19.79	19.82	21	3	
5	64QAM	12	13	19.83	19.79	19.81			
5	64QAM	25	0	19.80	19.68	19.78			

Band 17_Ant2 DSI 28486&3&5									
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				23749	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.12	22.05	22.03	23	0	
10	QPSK	1	25	21.89	21.92	21.92			
10	QPSK	1	49	22.03	21.93	21.92			
10	QPSK	25	0	21.15	21.01	21.00	22	1	
10	QPSK	25	12	21.13	20.97	20.96			
10	QPSK	25	25	21.05	20.85	20.92			
10	QPSK	50	0	21.12	20.94	20.91	22	1	
10	16QAM	1	0	21.26	21.25	21.25			
10	16QAM	1	25	21.33	21.33	21.29			
10	16QAM	1	49	21.39	21.33	21.32	21	2	
10	16QAM	25	0	20.00	19.98	19.99			
10	16QAM	25	12	20.10	20.07	20.07			
10	16QAM	25	25	20.10	20.14	20.11	21	2	
10	16QAM	50	0	20.13	20.06	20.03			
10	64QAM	1	0	20.08	20.15	20.06			
10	64QAM	1	25	20.17	20.27	20.26	20	3	
10	64QAM	1	49	20.25	20.25	20.24			
10	64QAM	25	0	19.04	19.03	19.03			
10	64QAM	25	12	19.15	19.10	19.10	20	3	
10	64QAM	25	25	19.16	19.20	19.14			
10	64QAM	50	0	19.16	19.09	19.07			
Channel				23755	23790	23805	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.08	22.04	21.96	23	0	
5	QPSK	1	12	21.85	21.82	21.84			
5	QPSK	1	24	22.03	21.90	21.85			
5	QPSK	12	0	21.15	20.92	20.95	22	1	
5	QPSK	12	7	21.06	20.96	20.94			
5	QPSK	12	13	21.04	20.77	20.90			
5	QPSK	25	0	21.12	20.85	20.83	22	1	
5	16QAM	1	0	21.18	21.24	21.25			
5	16QAM	1	12	21.27	21.23	21.25			
5	16QAM	1	24	21.39	21.27	21.24	21	2	
5	16QAM	12	0	20.00	19.98	19.97			
5	16QAM	12	7	20.00	20.06	20.02			
5	16QAM	12	13	20.02	20.06	20.08	21	2	
5	16QAM	25	0	20.03	20.01	20.02			
5	64QAM	1	0	20.07	20.05	20.01			
5	64QAM	1	12	20.11	20.17	20.22	20	3	
5	64QAM	1	24	20.18	20.15	20.23			
5	64QAM	12	0	19.00	19.00	19.00			
5	64QAM	12	7	19.07	19.00	19.01	20	3	
5	64QAM	12	13	19.15	19.17	19.12			
5	64QAM	25	0	19.10	19.02	19.03			

Band 26_Ant 1 DSI 2&4&6&8&3&5									
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				26748	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.58	22.65	22.63	24	0	
15	QPSK	1	37	22.48	22.64	22.61			
15	QPSK	1	74	22.54	22.55	22.51			
15	QPSK	36	0	21.72	21.76	21.73	23	1	
15	QPSK	36	20	21.66	21.70	21.72			
15	QPSK	36	39	21.63	21.68	21.70			
15	QPSK	75	0	21.68	21.70	21.70	23	1	
15	16QAM	1	0	21.89	21.84	21.97			
15	16QAM	1	37	21.83	21.91	21.91			
15	16QAM	1	74	21.84	21.86	21.85	22	2	
15	16QAM	36	0	20.67	20.72	20.73			
15	16QAM	36	20	20.68	20.69	20.71			
15	16QAM	36	39	20.71	20.73	20.69	22	2	
15	16QAM	75	0	20.70	20.74	20.72			
15	64QAM	1	0	20.76	20.68	20.81			
15	64QAM	1	37	20.78	20.85	20.84	22	2	
15	64QAM	1	74	20.81	20.81	20.75			
15	64QAM	36	0	19.70	19.72	19.78			
15	64QAM	36	20	19.70	19.72	19.75	21	3	
15	64QAM	36	39	19.79	19.80	19.79			
15	64QAM	75	0	19.71	19.72	19.72			
Channel				26748	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.56	22.59	22.59	24	0	
10	QPSK	1	25	22.40	22.60	22.52			
10	QPSK	1	49	22.50	22.46	22.49			
10	QPSK	25	0	21.66	21.73	21.73	23	1	
10	QPSK	25	12	21.59	21.63	21.66			
10	QPSK	25	25	21.61	21.64	21.65			
10	QPSK	50	0	21.62	21.65	21.63	23	1	
10	16QAM	1	0	21.89	21.84	21.97			
10	16QAM	1	25	21.82	21.83	21.82			
10	16QAM	1	49	21.74	21.83	21.85	22	2	
10	16QAM	25	0	20.57	20.63	20.72			
10	16QAM	25	12	20.61	20.69	20.65			
10	16QAM	25	25	20.66	20.72	20.62	22	2	
10	16QAM	50	0	20.69	20.73	20.71			
10	64QAM	1	0	20.74	20.65	20.80			
10	64QAM	1	25	20.74	20.77	20.78	22	2	
10	64QAM	1	49	20.80	20.76	20.68			
10	64QAM	1	74	20.70	20.71	20.75			
10	64QAM	25	12	19.61	19.72	19.75	21	3	
10	64QAM	25	25	19.77	19.76	19.75			
10	64QAM	50	0	19.61	19.65	19.64			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.48	22.63	22.59	24	0	
5	QPSK	1	12	22.45	22.60	22.58			
5	QPSK	1	24	22.45	22.50	22.51			
5	QPSK	12	0	21.64	21.70	21.69	23	1	
5	QPSK	12	7	21.57	21.60	21.69			
5	QPSK	12	13	21.56	21.58	21.69			
5	QPSK	25	0	21.58	21.67	21.63	23	1	
5	16QAM	1	0	21.89	21.80	21.93			
5	16QAM	1	12	21.80	21.83	21.81			
5	16QAM	1	24	21.76	21.79	21.76	22	2	
5	16QAM	12	0	20.67	20.72	20.70			
5	16QAM	12	7	20.58	20.59	20.53			
5	16QAM	12	13	20.70	20.65	20.62	22	2	
5	16QAM	25	0	20.70	20.66	20.62			
5	64QAM	1	0	20.71	20.64	20.80			
5	64QAM	1	12	20.70	20.62	20.63	22	2	
5	64QAM	1	24	20.76	20.72	20.75			
5	64QAM	12	0	19.65	19.69	19.73			
5	64QAM	12	7	19.60	19.70	19.65	21	3	
5	64QAM	12	13	19.74	19.74	19.79			
5	64QAM	25	0	19.61	19.66	19.72			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.58	22.58	22.62	24	0	
3	QPSK	1	8	22.46	22.58	22.60			
3	QPSK	1	14	22.46	22.48	22.42			
3	QPSK	8	0	21.65	21.76	21.69	23	1	
3	QPSK	8	4	21.64	21.61	21.65			
3	QPSK	8	7	21.53	21.77	21.63			
3	QPSK	16	0	21.62	21.62	21.68	23	1	
3	16QAM	1	0	21.89	21.80	21.88			
3	16QAM	1	8	21.75	21.82	21.86			
3	16QAM	1	14	21.77	21.80	21.84	22	2	
3	16QAM	8	0	20.59	20.69	20.69			
3	16QAM	8	4	20.58	20.68	20.61			
3	16QAM	8	7	20.61	20.65	20.65	22	2	
3	16QAM	15	0	20.70	20.66	20.65			
3	64QAM	1	0	20.76	20.60	20.76			
3	64QAM	1	8	20.73	20.60	20.77	22	2	
3	64QAM	1	14	20.72	20.74	20.72			
3	64QAM	8	0	19.66	19.71	19.75			
3	64QAM	8	4	19.67	19.68	19.66	21	3	
3	64QAM	8	7	19.79	19.71	19.69			
3	64QAM	15	0	19.70	19.62	19.70			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.55	22.63	22.57	24	0	
1.4	QPSK	1	3	22.43	22.57	22.58			
1.4	QPSK	1	5	22.51	22.55	22.42			
1.4	QPSK	3	0	22.46	22.52	22.43	23	1	
1.4	QPSK	3	1	22.36	22.48	22.45			
1.4	QPSK	3	4	22.41	22.46	22.44			
1.4	QPSK	6	0	22.07	22.08	22.05	23	1	
1.4	16QAM	1	0	21.85	21.83	21.83			
1.4	16QAM	1	3	21.75	21.87	21.91			
1.4	16QAM	1	5	21.83	21.86	21.84	23	1	
1.4	16QAM	3	0	21.63	21.67	21.66			
1.4	16QAM	3	1	21.66	21.59	21.66			
1.4	16QAM	3	3	21.61	21.73	21.69	22	2	
1.4	16QAM	6	0	21.10	21.05	21.12			
1.4	16QAM	1	0	20.66	20.64	20.81			
1.4	64QAM	1	3	20.73	20.74	20.72	22	2	
1.4	64QAM	1	5	20.72	20.71	20.72			
1.4	64QAM	3	0	20.65	20.70	20.69			
1.4	64QAM	3	1	20.69	20.72	20.74	21	3	
1.4	64QAM	3	3	20.70	20.79	20.70			
1.4	64QAM	6	0	20.04	20.09	20.02			

Band 26_Ant2 DSI 2&4&6&8&5									
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				26705	26865	26965	23	0	
Frequency (MHz)				811.5	831.5	841.5			
15	QPSK	1	0	21.70	21.71	21.98	22	1	
15	QPSK	1	37	21.59	21.70	21.75			
15	QPSK	1	74	21.62	21.62	21.66			
15	QPSK	36	0	20.78	20.82	20.86			
15	QPSK	36	20	20.74	20.76	20.83			
15	QPSK	36	39	20.75	20.78	20.86	22	1	
15	QPSK	75	0	20.71	20.73	20.85			
15	16QAM	1	0	21.06	20.95	21.07			
15	16QAM	1	37	20.93	21.01	21.07			
15	16QAM	1	74	21.00	20.98	20.97			
15	16QAM	36	0	19.77	19.79	19.92	21	2	
15	16QAM	36	20	19.80	19.82	19.83			
15	16QAM	36	39	19.86	19.87	19.88			
15	16QAM	75	0	19.83	19.83	19.88			
15	16QAM	1	0	19.87	19.79	19.96			
15	64QAM	1	37	19.82	19.92	19.97	21	2	
15	64QAM	1	74	19.92	20.02	20.85			
15	64QAM	36	0	18.82	18.81	18.93			
15	64QAM	36	20	18.86	18.89	18.90			
15	64QAM	36	39	18.89	18.94	18.96			
15	64QAM	75	0	18.84	18.83	18.92	20	3	
Channel				26740	26865	26960			
Frequency (MHz)				819	831.5	844	23	0	
10	QPSK	1	0	21.70	21.71	21.74			
10	QPSK	1	25	21.56	21.67	21.72	22	1	
10	QPSK	1	49	21.58	21.59	21.56			
10	QPSK	25	0	20.74	20.75	20.78			
10	QPSK	25	12	20.64	20.72	20.79			
10	QPSK	25	25	20.66	20.78	20.79			
10	QPSK	50	0	20.63	20.66	20.79	22	1	
10	16QAM	1	0	20.96	20.88	21.03			
10	16QAM	1	25	20.91	20.97	20.99			
10	16QAM	1	49	20.97	20.92	20.94			
10	16QAM	25	0	19.75	19.74	19.83			
10	16QAM	25	12	19.76	19.74	19.73	21	2	
10	16QAM	25	25	19.77	19.82	19.82			
10	16QAM	50	0	19.78	19.83	19.87			
10	64QAM	1	0	19.85	19.74	19.89			
10	64QAM	1	25	19.74	19.85	19.96			
10	64QAM	1	49	19.92	19.95	19.92	21	2	
10	64QAM	25	0	18.82	18.74	18.83			
10	64QAM	25	12	18.76	18.82	18.85			
10	64QAM	25	25	18.86	18.94	18.90			
10	64QAM	50	0	18.76	18.77	18.92			
Channel				26715	26865	27015	23	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.62	21.64	21.76	22	1	
5	QPSK	1	12	21.52	21.66	21.66			
5	QPSK	1	24	21.57	21.61	21.59			
5	QPSK	12	0	20.75	20.79	20.84			
5	QPSK	12	7	20.64	20.72	20.83			
5	QPSK	12	13	20.68	20.72	20.80	22	1	
5	QPSK	25	0	20.62	20.63	20.81			
5	16QAM	1	0	20.98	20.95	21.04			
5	16QAM	1	12	20.86	20.96	21.07			
5	16QAM	1	24	20.90	20.94	20.93			
5	16QAM	12	0	19.72	19.78	19.91	21	2	
5	16QAM	12	7	19.75	19.80	19.83			
5	16QAM	12	13	19.84	19.80	19.86			
5	16QAM	25	0	19.78	19.73	19.78			
5	64QAM	1	0	19.77	19.72	19.87			
5	64QAM	1	12	19.77	19.80	19.89	21	2	
5	64QAM	1	24	19.92	19.93	19.75			
5	64QAM	12	0	18.80	18.73	18.84			
5	64QAM	12	7	18.76	18.83	18.87			
5	64QAM	12	13	18.87	18.90	18.96			
5	64QAM	25	0	18.79	18.79	18.91	20	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	23	0	
3	QPSK	1	0	21.62	21.67	21.66			
3	QPSK	1	8	21.55	21.65	21.69	22	1	
3	QPSK	1	14	21.61	21.53	21.64			
3	QPSK	8	0	20.78	20.78	20.86			
3	QPSK	8	4	20.64	20.72	20.73			
3	QPSK	8	7	20.67	20.74	20.86			
3	QPSK	15	0	20.64	20.70	20.85	22	1	
3	16QAM	1	0	20.99	20.93	21.02			
3	16QAM	1	8	20.86	20.97	20.99			
3	16QAM	1	14	20.96	20.96	20.93			
3	16QAM	8	0	19.74	19.75	19.82			
3	16QAM	8	4	19.71	19.72	19.73	21	2	
3	16QAM	8	7	19.77	19.83	19.82			
3	16QAM	15	0	19.79	19.83	19.83			
3	64QAM	1	0	19.83	19.79	19.89			
3	64QAM	1	8	19.72	19.84	19.92			
3	64QAM	1	14	19.87	19.96	19.75	21	2	
3	64QAM	8	0	18.78	18.74	18.84			
3	64QAM	8	4	18.78	18.86	18.83			
3	64QAM	8	7	18.83	18.90	18.93			
3	64QAM	15	0	18.80	18.73	18.90			
Channel				26997	26865	27033	23	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.64	21.71	21.68	22	1	
1.4	QPSK	1	3	21.51	21.66	21.85			
1.4	QPSK	1	5	21.52	21.60	21.65			
1.4	QPSK	3	0	21.61	21.69	21.75			
1.4	QPSK	3	1	21.58	21.66	21.65			
1.4	QPSK	3	3	21.60	21.53	21.66	22	1	
1.4	QPSK	6	0	20.64	20.72	20.83			
1.4	16QAM	1	0	21.01	20.85	21.04			
1.4	16QAM	1	3	20.84	20.91	21.04			
1.4	16QAM	1	5	20.94	20.95	20.94			
1.4	16QAM	3	0	21.04	20.95	21.02	22	1	
1.4	16QAM	3	1	20.87	20.95	21.03			
1.4	16QAM	3	3	20.91	20.92	20.87			
1.4	16QAM	6	0	19.74	19.83	19.80			
1.4	64QAM	1	0	19.83	19.75	19.94			
1.4	64QAM	1	3	19.79	19.89	19.97	21	2	
1.4	64QAM	1	5	19.88	19.96	19.78			
1.4	64QAM	3	0	19.75	19.77	19.89			
1.4	64QAM	3	1	19.76	19.78	19.80			
1.4	64QAM	3	3	19.85	19.78	19.85			
1.4	64QAM	6	0	18.82	18.83	18.88	20	3	

Band 66_Ant 1 DSI 2&4&6												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel				130272	130222	130272						
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	22.88	22.87	22.82	24		0			
20	QPSK	1	49	22.76	22.71	22.69						
20	QPSK	1	99	22.68	22.67	22.54						
20	QPSK	50	0	21.99	21.89	21.81						
20	QPSK	50	24	21.94	21.84	21.79						
20	QPSK	50	50	21.91	21.86	21.79	23		1			
20	QPSK	100	0	21.96	21.78	21.79						
20	16QAM	1	0	22.23	22.19	22.15						
20	16QAM	1	49	22.19	22.05	22.05						
20	16QAM	1	99	22.09	21.98	22.02						
20	16QAM	50	0	20.93	20.85	20.86	22		2			
20	16QAM	50	24	20.98	20.86	20.83						
20	16QAM	50	50	20.94	20.87	20.82						
20	16QAM	100	0	20.95	20.79	20.81						
20	64QAM	1	0	21.07	21.05	21.14						
20	64QAM	1	49	21.02	21.00	20.99	22		2			
20	64QAM	1	99	20.97	20.88	20.89						
20	64QAM	50	0	19.98	19.92	19.89						
20	64QAM	50	24	20.00	19.87	19.84						
20	64QAM	50	50	19.96	19.88	19.82						
20	64QAM	100	0	20.01	19.83	19.81	21		3			
Channel				130247	130222	130297						
Frequency (MHz)				1717.5	1742.5	1772.5						
15	QPSK	1	0	22.88	22.79	22.73				24	0	
15	QPSK	1	37	22.74	22.63	22.69						
15	QPSK	1	74	22.67	22.66	22.50						
15	QPSK	36	0	21.85	21.81	21.80						
15	QPSK	36	20	21.88	21.80	21.78						
15	QPSK	36	39	21.91	21.81	21.79	23	1				
15	QPSK	75	0	21.95	21.71	21.78						
15	16QAM	1	0	22.13	22.15	22.07						
15	16QAM	1	37	22.16	21.97	22.00						
15	16QAM	1	74	22.04	21.88	21.98						
15	16QAM	36	0	20.91	20.86	20.80	22	2				
15	16QAM	36	20	20.93	20.83	20.73						
15	16QAM	36	39	20.90	20.83	20.73						
15	16QAM	75	0	20.95	20.72	20.73						
15	64QAM	1	0	21.00	20.96	21.12						
15	64QAM	1	37	20.94	20.90	20.96	22	2				
15	64QAM	1	74	20.88	20.83	20.79						
15	64QAM	36	0	19.93	19.82	19.84						
15	64QAM	36	20	19.92	19.83	19.77						
15	64QAM	36	39	19.94	19.86	19.81						
15	64QAM	75	0	19.96	19.78	19.80	21	3				
Channel				130022	130222	130622						
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	22.86	22.83	22.72				24	0	
10	QPSK	1	25	22.76	22.72	22.65						
10	QPSK	1	49	22.67	22.67	22.51						
10	QPSK	25	0	21.99	21.85	21.71						
10	QPSK	25	12	21.84	21.80	21.76						
10	QPSK	25	25	21.83	21.81	21.78	23	1				
10	QPSK	50	0	21.91	21.77	21.79						
10	16QAM	1	0	22.22	22.15	22.12						
10	16QAM	1	25	22.12	22.03	21.98						
10	16QAM	1	49	22.09	21.93	21.98						
10	16QAM	25	0	20.85	20.87	20.85	22	2				
10	16QAM	25	12	20.86	20.78	20.82						
10	16QAM	25	25	20.84	20.75	20.78						
10	16QAM	50	0	20.86	20.72	20.75						
10	64QAM	1	0	21.00	21.01	21.09						
10	64QAM	1	25	20.93	20.94	20.92	22	2				
10	64QAM	1	49	20.87	20.85	20.82						
10	64QAM	25	0	19.97	19.86	19.80						
10	64QAM	25	12	19.87	19.77	19.81						
10	64QAM	25	25	19.80	19.84	19.79						
10	64QAM	50	0	19.93	19.77	19.75	21	3				
Channel				131997	130222	130647						
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	22.78	22.82	22.81				24	0	
5	QPSK	1	12	22.72	22.65	22.65						
5	QPSK	1	25	22.65	22.64	22.47						
5	QPSK	12	0	21.90	21.89	21.78						
5	QPSK	12	7	21.91	21.81	21.70						
5	QPSK	12	13	21.85	21.77	21.74	23	1				
5	QPSK	25	0	21.95	21.76	21.78						
5	16QAM	1	0	22.14	22.16	22.15						
5	16QAM	1	12	22.13	21.96	22.05						
5	16QAM	1	24	22.09	21.96	21.98						
5	16QAM	12	0	20.84	20.83	20.82	22	2				
5	16QAM	12	7	20.88	20.85	20.73						
5	16QAM	12	13	20.88	20.86	20.81						
5	16QAM	25	0	20.95	20.87	20.77						
5	64QAM	1	0	20.99	20.98	21.05						
5	64QAM	1	12	20.93	21.00	20.91	22	2				
5	64QAM	1	24	20.88	20.82	20.87						
5	64QAM	12	0	19.89	19.86	19.88						
5	64QAM	12	7	19.93	19.86	19.79						
5	64QAM	12	13	19.94	19.85	19.79						
5	64QAM	25	0	19.93	19.80	19.79	21	3				
Channel				131987	130222	130657						
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	22.67	22.62	22.73				24	0	
3	QPSK	1	8	22.68	22.63	22.61						
3	QPSK	1	14	22.58	22.68	22.46						
3	QPSK	8	4	21.96	21.96	21.73						
3	QPSK	8	4	21.93	21.74	21.69						
3	QPSK	8	7	21.91	21.82	21.71	23	1				
3	QPSK	15	0	21.96	21.74	21.72						
3	16QAM	1	0	22.14	22.16	22.07						
3	16QAM	1	8	22.12	21.97	22.02						
3	16QAM	1	14	22.09	21.96	21.97						
3	16QAM	8	0	20.92	20.87	20.76	22	2				
3	16QAM	8	4	20.92	20.80	20.73						
3	16QAM	8	7	20.86	20.83	20.75						
3	16QAM	15	0	20.94	20.74	20.75						
3	64QAM	1	0	21.05	20.97	21.13						
3	64QAM	1	8	20.95	20.96	20.93	22	2				
3	64QAM	1	14	20.87	20.87	20.84						
3	64QAM	8	0	19.91	19.87	19.80						
3	64QAM	8	4	20.00	19.79	19.82						
3	64QAM	8	7	19.87	19.81	19.73						
3	64QAM	15	0	19.97	19.77	19.79	21	3				
Channel				131979	130222	130695						
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	22.78	22.84	22.78				24	0	
1.4	QPSK	1	3	22.72	22.62	22.67						
1.4	QPSK	1	5	22.64	22.62	22.54						
1.4	QPSK	3	0	22.74	22.78	22.58						
1.4	QPSK	3	1	22.68	22.55	22.52						
1.4	QPSK	3	3	22.68	22.60	22.50	23	1				
1.4	QPSK	6	0	22.29	22.12	22.16						
1.4	16QAM	1	0	22.13	22.13	22.11						
1.4	16QAM	1	3	22.18	21.98	21.95						
1.4	16QAM	1	5	22.03	21.92	21.92						
1.4	16QAM	3	0	21.88	21.88	21.82	23	1				
1.4	16QAM	3	1	21.95	21.80	21.78						
1.4	16QAM	3	3	21.84	21.77	21.78						
1.4	16QAM	6	0	21.29	21.09	21.21						
1.4	64QAM	1	0	21.00	20.94	21.04						
1.4	64QAM	1	3	20.95	20.96	20.93	22	2				
1.4	64QAM	1	5	20.96	20.86	20.88						
1.4	64QAM	3	0	20.89	20.87	20.79						
1.4	64QAM	3	1	20.92	20.80	20.84						
1.4	64QAM	3	3	20.96	20.86	20.76						
1.4	64QAM	6	0	20.41	20.23	20.19	21	3				

Band 66_Ant2 DSI 2&4&6&8														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	20.92	20.87	20.78	22	0						
20	QPSK	1	49	20.80	20.69	20.62								
20	QPSK	1	99	20.75	20.65	20.51								
20	QPSK	50	0	20.06	20.01	19.81								
20	QPSK	50	24	19.99	19.85	19.72	21	1						
20	QPSK	50	50	19.94	19.86	19.72								
20	QPSK	100	0	19.98	19.81	19.73								
20	16QAM	1	0	20.29	20.26	20.13								
20	16QAM	1	49	20.16	20.10	20.02	21	1						
20	16QAM	1	99	20.06	19.96	19.85								
20	16QAM	50	0	18.95	18.90	18.82								
20	16QAM	50	24	19.02	18.86	18.79								
20	16QAM	50	50	18.93	18.85	18.75	20	2						
20	16QAM	100	0	18.98	18.82	18.75								
20	64QAM	1	0	19.13	19.07	19.04								
20	64QAM	1	49	19.07	18.95	18.85								
20	64QAM	1	99	18.94	18.91	18.77	20	2						
20	64QAM	50	0	17.98	17.93	17.84								
20	64QAM	50	24	18.03	17.86	17.82								
20	64QAM	50	50	17.96	17.87	17.77								
20	64QAM	100	0	18.03	17.86	17.78								
Channel														
Frequency (MHz)														
15	QPSK	1	0	20.85	20.85	20.70	22	0						
15	QPSK	1	37	20.74	20.69	20.59								
15	QPSK	1	74	20.67	20.60	20.41								
15	QPSK	36	0	20.01	19.95	19.75								
15	QPSK	36	20	19.95	19.78	19.64	21	1						
15	QPSK	36	39	19.94	19.77	19.70								
15	QPSK	75	0	19.90	19.80	19.69								
15	16QAM	1	0	20.20	20.25	20.07								
15	16QAM	1	37	20.14	20.05	19.96	21	1						
15	16QAM	1	74	20.06	19.94	19.79								
15	16QAM	36	0	18.90	18.81	18.75								
15	16QAM	36	20	19.01	18.81	18.78								
15	16QAM	36	39	18.89	18.76	18.66	20	2						
15	16QAM	75	0	18.92	18.80	18.71								
15	64QAM	1	0	19.03	19.00	18.95								
15	64QAM	1	37	18.96	18.85	18.75								
15	64QAM	1	74	18.86	18.85	18.68	20	2						
15	64QAM	36	0	17.96	17.86	17.80								
15	64QAM	36	20	17.99	17.88	17.80								
15	64QAM	36	39	17.87	17.85	17.67								
15	64QAM	75	0	17.99	17.77	17.71								
15	64QAM	75	0	17.99	17.77	17.71								
Channel														
Frequency (MHz)														
10	QPSK	1	0	20.84	20.86	20.73	22	0						
10	QPSK	1	25	20.75	20.64	20.56								
10	QPSK	1	49	20.73	20.55	20.41								
10	QPSK	25	0	19.99	19.96	19.77								
10	QPSK	25	13	19.95	19.87	19.69	21	1						
10	QPSK	25	25	19.88	19.84	19.67								
10	QPSK	50	0	19.97	19.78	19.66								
10	16QAM	1	0	20.23	20.23	20.12								
10	16QAM	1	25	20.16	20.06	19.99	21	1						
10	16QAM	1	49	20.04	19.95	19.75								
10	16QAM	25	0	18.88	18.86	18.81								
10	16QAM	25	12	19.00	18.83	18.74								
10	16QAM	25	25	18.92	18.79	18.65	20	2						
10	16QAM	50	0	18.89	18.78	18.74								
10	64QAM	1	0	19.09	18.97	19.01								
10	64QAM	1	25	18.97	18.91	18.78								
10	64QAM	1	49	18.89	18.83	18.68	20	2						
10	64QAM	25	0	17.98	17.91	17.77								
10	64QAM	25	12	18.01	17.86	17.81								
10	64QAM	25	25	17.86	17.83	17.74								
10	64QAM	50	0	17.83	17.76	17.72								
Channel														
Frequency (MHz)														
5	QPSK	1	0	20.86	20.79	20.68	22	0						
5	QPSK	1	12	20.78	20.67	20.57								
5	QPSK	1	24	20.65	20.60	20.42								
5	QPSK	12	0	20.01	19.97	19.78								
5	QPSK	12	7	19.90	19.84	19.68	21	1						
5	QPSK	12	13	19.83	19.83	19.71								
5	QPSK	25	0	19.96	19.73	19.69								
5	16QAM	1	0	20.21	20.23	20.06								
5	16QAM	1	12	20.06	19.99	19.98	21	1						
5	16QAM	1	24	19.97	19.89	19.79								
5	16QAM	12	0	18.90	18.80	18.80								
5	16QAM	12	7	19.01	18.86	18.77								
5	16QAM	12	13	18.98	18.79	18.70	20	2						
5	16QAM	25	0	18.88	18.75	18.70								
5	64QAM	1	0	19.13	19.07	18.98								
5	64QAM	1	12	19.00	18.91	18.78								
5	64QAM	1	24	18.88	18.89	18.71	20	2						
5	64QAM	12	0	17.96	17.91	17.78								
5	64QAM	12	7	17.98	17.82	17.81								
5	64QAM	12	13	17.87	17.86	17.69								
5	64QAM	25	0	17.97	17.76	17.78								
5	64QAM	25	0	17.97	17.76	17.78								
Channel														
Frequency (MHz)														
3	QPSK	1	0	20.86	20.86	20.75	22	0						
3	QPSK	1	6	20.77	20.66	20.62								
3	QPSK	1	14	20.65	20.63	20.51								
3	QPSK	8	0	19.96	19.94	19.76								
3	QPSK	8	4	19.99	19.84	19.68	21	1						
3	QPSK	8	7	19.90	19.79	19.70								
3	QPSK	15	0	19.90	19.79	19.72								
3	16QAM	1	0	20.20	20.19	20.09								
3	16QAM	1	8	20.09	19.99	19.93	21	1						
3	16QAM	1	14	20.05	19.96	19.78								
3	16QAM	8	0	18.93	18.83	18.77								
3	16QAM	8	4	18.97	18.84	18.78								
3	16QAM	8	7	18.89	18.78	18.72	20	2						
3	16QAM	15	0	18.89	18.82	18.65								
3	64QAM	1	0	19.05	19.01	19.00								
3	64QAM	1	8	18.98	18.89	18.77								
3	64QAM	1	14	18.94	18.82	18.74	20	2						
3	64QAM	8	0	17.96	17.86	17.83								
3	64QAM	8	4	18.05	17.96	17.83								
3	64QAM	8	7	17.96	17.80	17.67								
3	64QAM	15	0	18.00	17.77	17.69								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	20.86	20.79	20.74					22	0		
1.4	QPSK	1	5	20.77	20.63	20.61								
1.4	QPSK	3	0	20.87	20.77	20.75								
1.4	QPSK	3	1	20.74	20.65	20.62								
1.4	QPSK	3	3	20.70	20.55	20.47	21	1						
1.4	QPSK	6	0	19.92	19.77	19.68								
1.4	16QAM	1	0	20.29	20.26	20.15								
1.4	16QAM	1	3	20.14	20.00	19.94								
1.4	16QAM	1	5	19.98	19.93	19.81	21	1						
1.4	16QAM	3	0	20.21	20.24	20.10								
1.4	16QAM	3	1	20.09	20.09	19.91								
1.4	16QAM	3	3	20.00	19.92	19.76								
1.4	16QAM	6	0	18.96	18.81	18.75	20	2						
1.4	64QAM	1	0	19.09	18.95	18.97								
1.4	64QAM	1	3	19.00	18.85	18.80								
1.4	64QAM	1	5	18.95	18.76	18.73								
1.4	64QAM	3	0	18.92	17.76	18.66	20	2						
1.4	64QAM	3	1	18.98	18.76	18.66								
1.4	64QAM	3	3	19.09	19.00	18.98								
1.4	64QAM	6	0	18.00	17.86	17.77								

[illegible][illegible]

Global Project Overview - Q3 2024											
ID	Project Name	Manager	Phase	Status	Key Metrics (Q3)				Timeline & Budget		
					Progress (%)	Cost (\$K)	Quality Score	Risk Level	Start Date	End Date	Budget (\$K)
001	Project Alpha	John Doe	Initiation	On Track	10	15.0	85	Low	2024-07-01	2024-07-15	20.0
			Planning	On Track	25	20.0	88	Low	2024-07-16	2024-07-30	25.0
			Execution	Minor Delay	40	30.0	82	Medium	2024-08-01	2024-08-15	35.0
			Closing	On Track	60	40.0	90	Low	2024-08-16	2024-08-30	45.0
			Post-Project	On Track	75	50.0	92	Low	2024-09-01	2024-09-15	55.0
002	Project Beta	Jane Smith	Initiation	On Track	15	18.0	87	Low	2024-07-01	2024-07-15	22.0
			Planning	On Track	30	25.0	90	Low	2024-07-16	2024-07-30	28.0
			Execution	On Track	45	35.0	88	Medium	2024-08-01	2024-08-15	40.0
			Closing	On Track	65	45.0	91	Low	2024-08-16	2024-08-30	50.0
			Post-Project	On Track	80	55.0	93	Low	2024-09-01	2024-09-15	60.0
003	Project Gamma	Mike Johnson	Initiation	On Track	12	16.0	86	Low	2024-07-01	2024-07-15	19.0
			Planning	On Track	28	22.0	89	Low	2024-07-16	2024-07-30	24.0
			Execution	On Track	42	32.0	87	Medium	2024-08-01	2024-08-15	34.0
			Closing	On Track	62	42.0	90	Low	2024-08-16	2024-08-30	44.0
			Post-Project	On Track	78	52.0	92	Low	2024-09-01	2024-09-15	54.0
004	Project Delta	Sarah Brown	Initiation	On Track	18	22.0	90	Low	2024-07-01	2024-07-15	26.0
			Planning	On Track	35	30.0	92	Low	2024-07-16	2024-07-30	34.0
			Execution	On Track	50	40.0	91	Medium	2024-08-01	2024-08-15	46.0
			Closing	On Track	70	50.0	93	Low	2024-08-16	2024-08-30	58.0
			Post-Project	On Track	85	60.0	95	Low	2024-09-01	2024-09-15	70.0
005	Project Epsilon	David Wilson	Initiation	On Track	14	19.0	88	Low	2024-07-01	2024-07-15	23.0
			Planning	On Track	32	27.0	91	Low	2024-07-16	2024-07-30	31.0
			Execution	On Track	48	37.0	89	Medium	2024-08-01	2024-08-15	43.0
			Closing	On Track	68	47.0	92	Low	2024-08-16	2024-08-30	53.0
			Post-Project	On Track	82	57.0	94	Low	2024-09-01	2024-09-15	63.0
006	Project Zeta	Emily Davis	Initiation	On Track	16	21.0	89	Low	2024-07-01	2024-07-15	25.0
			Planning	On Track	34	29.0	92	Low	2024-07-16	2024-07-30	33.0
			Execution	On Track	52	39.0	90	Medium	2024-08-01	2024-08-15	47.0
			Closing	On Track	72	49.0	93	Low	2024-08-16	2024-08-30	59.0
			Post-Project	On Track	88	59.0	95	Low	2024-09-01	2024-09-15	71.0
007	Project Eta	Chris Miller	Initiation	On Track	11	17.0	87	Low	2024-07-01	2024-07-15	18.0
			Planning	On Track	26	23.0	90	Low	2024-07-16	2024-07-30	22.0

Global Project Performance Dashboard - Q3 2023												
Project ID	Initiative	Phase	Sub-Phase	Owner	Start Date	End Date	Actual Cost	Budget	Actual Revenue	Budget Revenue	Completion Rate	Risk Level
Section A: Strategic Initiatives												
SI-001	Strategic Initiative A	Phase 1	Sub-Phase 1.1	John Doe	2023-01-01	2023-03-31	\$1,200,000	\$1,000,000	\$1,500,000	\$1,200,000	100%	Low
SI-002		Phase 1	Sub-Phase 1.2	Jane Smith	2023-01-01	2023-03-31	\$800,000	\$700,000	\$900,000	\$800,000	100%	Low
SI-003		Phase 2	Sub-Phase 2.1	Mike Johnson	2023-04-01	2023-06-30	\$1,500,000	\$1,300,000	\$1,600,000	\$1,500,000	100%	Low
SI-004		Phase 2	Sub-Phase 2.2	Sarah Lee	2023-04-01	2023-06-30	\$900,000	\$800,000	\$1,000,000	\$900,000	100%	Low
SI-005		Phase 3	Sub-Phase 3.1	David Kim	2023-07-01	2023-09-30	\$1,800,000	\$1,600,000	\$1,900,000	\$1,800,000	100%	Low
SI-006		Phase 3	Sub-Phase 3.2	Emily White	2023-07-01	2023-09-30	\$1,100,000	\$1,000,000	\$1,200,000	\$1,100,000	100%	Low
SI-007	Strategic Initiative B	Phase 4	Sub-Phase 4.1	Chris Brown	2023-10-01	2023-12-31	\$2,000,000	\$1,800,000	\$2,100,000	\$2,000,000	100%	Low
SI-008		Phase 4	Sub-Phase 4.2	Alex Green	2023-10-01	2023-12-31	\$1,300,000	\$1,200,000	\$1,400,000	\$1,300,000	100%	Low
SI-009		Phase 5	Sub-Phase 5.1	Olivia Black	2023-11-01	2023-12-31	\$1,600,000	\$1,400,000	\$1,700,000	\$1,600,000	100%	Low
SI-010		Phase 5	Sub-Phase 5.2	Noah Gray	2023-11-01	2023-12-31	\$1,000,000	\$900,000	\$1,100,000	\$1,000,000	100%	Low
SI-011		Phase 6	Sub-Phase 6.1	Liam Blue	2024-01-01	2024-03-31	\$1,900,000	\$1,700,000	\$2,000,000	\$1,900,000	100%	Low
SI-012		Phase 6	Sub-Phase 6.2	Mia Purple	2024-01-01	2024-03-31	\$1,200,000	\$1,100,000	\$1,300,000	\$1,200,000	100%	Low
SI-013	Strategic Initiative C	Phase 7	Sub-Phase 7.1	Ethan Yellow	2024-02-01	2024-04-30	\$2,100,000	\$1,900,000	\$2,200,000	\$2,100,000	100%	Low
SI-014		Phase 7	Sub-Phase 7.2	Ava Pink	2024-02-01	2024-04-30	\$1,400,000	\$1,300,000	\$1,500,000	\$1,400,000	100%	Low
SI-015		Phase 8	Sub-Phase 8.1	Lucas Orange	2024-03-01	2024-05-31	\$2,300,000	\$2,100,000	\$2,400,000	\$2,300,000	100%	Low
SI-016		Phase 8	Sub-Phase 8.2	Sophia Silver	2024-03-01	2024-05-31	\$1,500,000	\$1,400,000	\$1,600,000	\$1,500,000	100%	Low
SI-017		Phase 9	Sub-Phase 9.1	Benjamin Gold	2024-04-01	2024-06-30	\$2,500,000	\$2,300,000	\$2,600,000	\$2,500,000	100%	Low
SI-018		Phase 9	Sub-Phase 9.2	Charlotte Bronze	2024-04-01	2024-06-30	\$1,700,000	\$1,600,000	\$1,800,000	\$1,700,000	100%	Low
SI-019	Strategic Initiative D	Phase 10	Sub-Phase 10.1	William Platinum	2024-05-01	2024-07-31	\$2,700,000	\$2,500,000	\$2,800,000	\$2,700,000	100%	Low
SI-020		Phase 10	Sub-Phase 10.2	Isabella Diamond	2024-05-01	2024-07-31	\$1,900,000	\$1,800,000	\$2,000,000	\$1,900,000	100%	Low
SI-021		Phase 11	Sub-Phase 11.1	James Ruby	2024-06-01	2024-08-31	\$2,900,000	\$2,700,000	\$3,000,000	\$2,900,000	100%	Low
SI-022		Phase 11	Sub-Phase 11.2	Amelia Sapphire	2024-06-01	2024-08-31	\$2,100,000	\$2,000,000	\$2,200,000	\$2,100,000	100%	Low
SI-023		Phase 12	Sub-Phase 12.1	Robert Emerald	2024-07-01	2024-09-30	\$3,100,000	\$2,900,000	\$3,200,000	\$3,100,000	100%	Low
SI-024		Phase 12	Sub-Phase 12.2	Victoria Jade	2024-07-01	2024-09-30	\$2,300,000	\$2,200,000	\$2,400,000	\$2,300,000	100%	Low
SI-025	Strategic Initiative E	Phase 13	Sub-Phase 13.1	Michael Garnet	2024-08-01	2024-10-31	\$3,300,000	\$3,100,000	\$3,400,000	\$3,300,000	100%	Low
SI-026		Phase 13	Sub-Phase 13.2	Grace Opal	2024-08-01	2024-10-31	\$2,500,000	\$2,400,000	\$2,600,000	\$2,500,000	100%	Low
SI-027		Phase 14	Sub-Phase 14.1	Andrew Pearl	2024-09-01	2024-11-30	\$3,500,000	\$3,300,000	\$3,600,000	\$3,500,000	100%	Low
SI-028		Phase 14	Sub-Phase 14.2	Sophia Ruby	2024-09-01	2024-11-30	\$2,700,000	\$2,600,000	\$2,800,000	\$2,700,000	100%	Low
SI-029		Phase 15	Sub-Phase 15.1	Benjamin Sapphire	2024-10-01	2024-12-31	\$3,700,000	\$3,500,000	\$3,800,000	\$3,700,000	100%	Low
SI-030		Phase 15	Sub-Phase 15.2	Charlotte Emerald	2024-10-01	2024-12-31	\$2,900,000	\$2,800,000	\$3,000,000	\$2,900,000	100%	Low
SI-031	Strategic Initiative F	Phase 16	Sub-Phase 16.1	William Ruby	2024-11-01	2025-01-31	\$3,900,000	\$3,700,000	\$4,000,000	\$3,900,000	100%	Low
SI-032		Phase 16	Sub-Phase 16.2	Isabella Sapphire	2024-11-01	2025-01-31	\$3,100,000	\$3,000,000	\$3,200,000	\$3,100,000	100%	Low
SI-033		Phase 17	Sub-Phase 17.1	James Emerald	2024-12-01	2025-02-28	\$4,100,000	\$3,900,000	\$4,200,000	\$4,100,000	100%	Low
SI-034		Phase 17	Sub-Phase 17.2	Amelia Ruby	2024-12-01	2025-02-28	\$3,300,000	\$3,200,000	\$3,400,000	\$3,300,000	100%	Low
SI-035		Phase 18	Sub-Phase 18.1	Robert Sapphire	2025-01-01	2025-03-31	\$4,300,000	\$4,100,000	\$4,400,000	\$4,300,000	100%	Low
SI-036		Phase 18	Sub-Phase 18.2	Victoria Emerald	2025-01-01	2025-03-31	\$3,500,000	\$3,400,000	\$3,600,000	\$3,500,000	100%	Low
SI-037	Strategic Initiative G	Phase 19	Sub-Phase 19.1	Michael Ruby	2025-02-01	2025-04-30	\$4,500,000	\$4,300,000	\$4,600,000	\$4,500,000	100%	Low
SI-038		Phase 19	Sub-Phase 19.2	Grace Sapphire	2025-02-01	2025-04-30	\$3,700,000	\$3,600,000	\$3,800,000	\$3,700,000	100%	Low
SI-039		Phase 20	Sub-Phase 20.1	Andrew Emerald	2025-03-01	2025-05-31	\$4,700,000	\$4,500,000	\$4,800,000	\$4,700,000	100%	Low
SI-040		Phase 20	Sub-Phase 20.2	Sophia Ruby	2025-03-01	2025-05-31	\$3,900,000	\$3,800,000	\$4,000,000	\$3,900,000	100%	Low
SI-041		Phase 21	Sub-Phase 21.1	Benjamin Sapphire	2025-04-01	2025-06-30	\$4,900,000	\$4,700,000	\$5,000,000	\$4,900,000	100%	Low
SI-042		Phase 21	Sub-Phase 21.2	Charlotte Emerald	2025-04-01	2025-06-30	\$4,100,000	\$4,000,000	\$4,200,000	\$4,100,000	100%	Low
SI-043	Strategic Initiative H	Phase 22	Sub-Phase 22.1	William Ruby	2025-05-01	2025-07-31	\$5,100,000	\$4,900,000	\$5,200,000	\$5,100,000	100%	Low
SI-044		Phase 22	Sub-Phase 22.2	Isabella Sapphire	2025-05-01	2025-07-31	\$4,300,000	\$4,200,000	\$4,400,000	\$4,300,000	100%	Low
SI-045		Phase 23	Sub-Phase 23.1	James Emerald	2025-06-01	2025-08-31	\$5,300,000	\$5,100,000	\$5,400,000	\$5,300,000	100%	Low
SI-046		Phase 23	Sub-Phase 23.2	Amelia Ruby	2025-06-01	2025-08-31	\$4,500,000	\$4,400,000	\$4,600,000	\$4,500,000	100%	Low
SI-047		Phase 24	Sub-Phase 24.1	Robert Sapphire	2025-07-01	2025-09-30	\$5,500,000	\$5,300,000	\$5,600,000	\$5,500,000	100%	Low
SI-048		Phase 24	Sub-Phase 24.2	Victoria Emerald	2025-07-01	2025-09-30	\$4,700,000	\$4,600,000	\$4,800,000	\$4,700,000	100%	Low
SI-049	Strategic Initiative I	Phase 25	Sub-Phase 25.1	Michael Ruby	2025-08-01	2025-10-31	\$5,700,000	\$5,500,000	\$5,800,000	\$5,700,000	100%	Low
SI-050		Phase 25	Sub-Phase 25.2	Grace Sapphire	2025-08-01	2025-10-31	\$4,900,000	\$4,800,000	\$5,000,000	\$4,900,000	100%	Low
SI-051		Phase 26	Sub-Phase 26.1	Andrew Emerald	2025-09-01	2025-11-30	\$5,900,000	\$5,700,000	\$6,000,000	\$5,900,000	100%	Low
SI-052		Phase 26	Sub-Phase 26.2	Sophia Ruby	2025-09-01	2025-11-30	\$5,100,000	\$5,000,000	\$5,200,000	\$5,100,000	100%	Low
SI-053		Phase 27	Sub-Phase 27.1	Benjamin Sapphire	2025-10-01	2025-12-31	\$6,100,000	\$5,900,000	\$6,200,000	\$6,100,000	100%	Low
SI-054		Phase 27	Sub-Phase 27.2	Charlotte Emerald	2025-10-01	2025-12-31	\$5,300,000	\$5,200,000	\$5,400,000	\$5,300,000	100%	Low
SI-055	Strategic Initiative J	Phase 28	Sub-Phase 28.1	William Ruby	2025-11-01	2026-01-31	\$6,300,000	\$6,100,000	\$6,400,000	\$6,300,000	100%	Low
SI-056		Phase 28	Sub-Phase 28.2	Isabella Sapphire	2025-11-01	2026-01-31	\$5,500,000	\$5,400,000	\$5,600,000	\$5,500,000	100%	Low
SI-057		Phase 29	Sub-Phase 29.1	James Emerald	2025-12-01	2026-02-28	\$6,500,000	\$6,300,000	\$6,600,000	\$6,500,000	100%	Low
SI-058		Phase 29	Sub-Phase 29.2	Amelia Ruby	2025-12-01	2026-02-28	\$5,700,000	\$5,600,000	\$5,800,000	\$5,700,000	100%	Low
SI-059		Phase 30	Sub-Phase 30.1	Robert Sapphire	2026-01-01	2026-03-31	\$6,700,000	\$6,500,000	\$6,800,000	\$6,700,000	100%	Low
SI-060		Phase 30	Sub-Phase 30.2	Victoria Emerald	2026-01-01	2026-03-31	\$5,900,000	\$5,800,000	\$6,000,000	\$5,900,000	100%	Low

DSI 3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel							
	Frequency (MHz)	128	189		251	128	189	
	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.28	32.37	33.50	23.19	23.28	23.37	24.50
GPRS 1 Tx slot	32.18	32.32	32.40	33.50	23.18	23.32	23.40	24.50
GPRS 2 Tx slots	29.39	29.01	28.59	30.50	23.39	23.01	22.59	24.50
GPRS 3 Tx slots	27.55	27.06	26.63	28.50	23.29	22.80	22.37	24.24
GPRS 4 Tx slots	26.20	25.63	25.14	26.50	23.20	22.63	22.14	23.50
EDGE 1 Tx slot	26.16	26.27	26.25	27.00	17.16	17.27	17.25	18.00
EDGE 2 Tx slots	25.09	25.19	25.16	25.50	19.09	19.19	19.16	19.50
EDGE 3 Tx slots	23.43	23.59	23.54	24.00	19.17	19.33	19.28	19.74
EDGE 4 Tx slots	21.87	21.94	21.91	22.50	18.87	18.94	18.91	19.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel							
	Frequency (MHz)	512	661		810	1850.2	1880	
GSM 1 Tx slot	29.42	29.32	29.19	30.50	20.42	20.32	20.19	21.50
GPRS 1 Tx slot	29.44	29.41	29.20	30.50	20.44	20.41	20.20	21.50
GPRS 2 Tx slots	28.32	28.34	28.15	28.50	22.32	22.34	22.15	22.50
GPRS 3 Tx slots	26.51	26.53	26.32	27.20	22.25	22.27	22.06	22.94
GPRS 4 Tx slots	24.92	24.41	23.80	25.20	21.92	21.41	20.80	22.20
EDGE 1 Tx slot	25.67	25.60	25.42	26.00	16.67	16.60	16.42	17.00
EDGE 2 Tx slots	24.50	24.48	24.32	24.50	18.50	18.48	18.32	18.50
EDGE 3 Tx slots	22.73	22.71	22.36	23.00	18.47	18.45	18.10	18.74
EDGE 4 Tx slots	21.29	21.13	21.11	21.50	18.29	18.13	18.11	18.50

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	20.46	20.40	20.52	21.60	21.16	21.23	21.08	22.20	21.73	21.84	21.80	22.90
3GPP Rel 99	RMC 12.2Kbps	20.57	20.51	20.56	21.60	21.24	21.24	21.23	22.20	21.81	21.91	21.88	22.90
3GPP Rel 6	HSDDPA Subtest-1	20.00	20.01	20.03	20.60	20.72	20.74	20.66	21.20	20.84	20.92	20.90	21.90
3GPP Rel 6	HSDDPA Subtest-2	19.98	19.98	20.00	20.60	20.69	20.69	20.56	21.20	20.81	20.93	20.85	21.90
3GPP Rel 6	HSDDPA Subtest-3	19.48	19.47	19.52	20.10	20.18	20.18	20.16	20.70	20.30	20.46	20.40	20.90
3GPP Rel 6	HSDDPA Subtest-4	19.42	19.44	19.50	20.10	20.17	20.16	20.16	20.70	20.30	20.43	20.40	20.90
3GPP Rel 8	DC-HSDPA Subtest-1	20.01	19.98	20.06	20.60	20.71	20.72	20.61	21.20	21.30	21.42	21.37	22.40
3GPP Rel 8	DC-HSDPA Subtest-2	20.00	19.99	20.01	20.60	20.70	20.71	20.63	21.20	21.34	21.39	21.33	22.40
3GPP Rel 8	DC-HSDPA Subtest-3	19.54	19.47	19.51	20.10	20.16	20.23	20.17	20.70	20.69	20.93	20.92	21.90
3GPP Rel 8	DC-HSDPA Subtest-4	18.52	18.46	18.52	20.10	20.21	20.21	20.16	20.70	20.87	20.91	20.88	21.90
3GPP Rel 6	HSUPA Subtest-1	20.44	20.45	20.01	20.60	20.32	20.48	20.33	21.20	20.82	20.93	20.87	22.90
3GPP Rel 6	HSUPA Subtest-2	18.42	18.24	18.12	18.60	18.26	18.27	18.32	19.20	18.82	18.95	18.90	20.90
3GPP Rel 6	HSUPA Subtest-3	19.46	18.99	19.03	19.60	19.29	19.19	19.36	20.20	19.82	19.93	19.89	21.90
3GPP Rel 6	HSUPA Subtest-4	18.47	18.29	18.11	18.60	18.34	18.35	18.31	19.20	18.83	18.95	18.92	20.90
3GPP Rel 6	HSUPA Subtest-5	20.42	20.52	20.03	20.60	20.33	20.49	20.29	21.20	20.82	20.90	20.88	22.90

Band		CDMA BCD			Tune-up Limit (dBm)
TX Channel		1013	384	777	
Frequency (MHz)		824.7	836.52	848.31	
RC1 SO65		23.20	23.47	23.41	24.60
RC3 SO65		23.19	23.46	23.39	24.60
RC3 SO32 (F+SCH)		23.23	23.50	23.45	24.60
RC3 SO32 (+SCH)		23.21	23.49	23.43	24.60
RTAP 153.6Kbps		23.28	23.52	23.50	24.60
RETAP 4096Bits		23.25	23.49	23.48	24.60

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GSM850	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel									
	Frequency (MHz)	128	189	251	Limit	128	189	251	Limit	
GSM 1 Tx slot	32.12	33.64	34.66	35.50	22.51	22.52	22.35	23.50		
GPRS 1 Tx slot	31.51	31.52	31.35	32.50	22.51	22.52	22.33	23.50		
GPRS 2 Tx slots	31.57	31.58	31.33	32.50	22.57	22.58	22.33	23.50		
GPRS 3 Tx slots	28.44	28.00	27.53	29.50	22.44	22.00	21.53	23.50		
GPRS 4 Tx slots	26.59	26.08	25.60	27.50	22.33	21.82	21.34	23.24		
GPRS 5 Tx slots	25.03	24.46	24.05	26.00	22.03	21.46	21.05	23.00		
EDGE 1 Tx slot	26.14	26.29	26.26	27.00	17.14	17.29	17.26	18.00		
EDGE 2 Tx slots	25.08	25.19	25.17	25.50	19.08	19.19	19.17	19.50		
EDGE 3 Tx slots	23.43	23.57	23.53	24.00	19.17	19.31	19.27	19.74		
EDGE 4 Tx slots	21.83	21.88	21.93	22.50	18.83	18.88	18.93	19.50		

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)	1850.2	1880	1909.8		1850.2	1880	1909.8			
GSM 1 Tx slot	29.42	29.38	29.11	29.50	20.42	20.38	20.11	20.50		
GPRS 1 Tx slot	29.43	29.42	29.19	29.50	20.43	20.42	20.19	20.50		
GPRS 2 Tx slots	26.40	26.40	26.37	26.50	20.40	20.40	20.37	20.50		
GPRS 3 Tx slots	24.70	24.71	23.54	25.00	20.44	20.45	19.28	20.74		
GPRS 4 Tx slots	23.35	22.89	22.12	23.50	20.35	19.89	19.12	20.50		
EDGE 1 Tx slot	25.33	25.40	25.14	26.00	16.33	16.40	16.14	17.00		
EDGE 2 Tx slots	24.31	24.26	24.29	24.50	18.31	18.26	18.29	18.50		
EDGE 3 Tx slots	22.23	22.66	22.21	23.00	17.97	18.40	17.95	18.74		
EDGE 4 Tx slots	21.18	21.06	21.01	21.50	18.18	18.06	18.01	18.50		

Band		CDMA BCD			Tune-up Limit (dBm)
TX Channel		1013	384	777	
Frequency (MHz)		824.7	836.52	848.31	
RC1 SO65		22.14	22.36	22.35	23.40
RC3 SO65		22.11	22.33	22.34	23.40
RC3 SO32 (F+SCH)		22.17	22.39	22.36	23.40
RC3 SO32 (+SCH)		22.15	22.37	22.34	23.40
RTAP 153.6Kbps		22.40	22.43	22.38	23.40
RETAP 4096Bits		22.38	22.41	22.36	23.40

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	21.02	21.08	20.78	22.00	20.61	20.63	20.44	21.60	22.25	22.24	22.04	22.90
3GPP Rel 99	RMC 12.2Kbps	21.10	21.09	20.96	22.00	20.66	20.67	20.48	21.60	22.23	22.26	22.03	22.90
3GPP Rel 6	HSDDPA Subtest-1	20.59	20.29	20.33	21.00	20.19	20.17	19.90	20.60	21.27	21.25	21.02	21.90
3GPP Rel 6	HSDDPA Subtest-2	20.58	20.26	20.31	21.00	20.18	20.16	19.98	20.60	21.26	21.26	21.01	21.90
3GPP Rel 6	HSDDPA Subtest-3	20.06	19.76	19.89	20.50	19.58	19.60	19.44	19.60	20.25	20.24	19.99	20.90
3GPP Rel 6	HSDDPA Subtest-4	20.08	19.76	19.88	20.50	19.58	19.54	19.46	19.60	20.24	20.23	19.98	20.90
3GPP Rel 8	DC-HSDPA Subtest-1	20.61	20.23	20.36	21.00	20.21	20.15	19.92	21.00	21.53	21.54	21.52	22.40
3GPP Rel 8	DC-HSDPA Subtest-2	20.59	20.22	20.37	21.00	20.16	20.13	19.90	21.00	21.51	21.53	21.51	22.40
3GPP Rel 8	DC-HSDPA Subtest-3	20.06	19.77	19.85	20.50	19.72	19.66	19.42	20.50	21.04	21.03	21.02	21.90
3GPP Rel 8	DC-HSDPA Subtest-4	20.01	19.77	19.84	20.50	19.71	19.62	19.48	20.50	20.99	21.00	20.99	21.90
3GPP Rel 6	HSUPA Subtest-1	20.61	20.27	20.32	21.00	20.20	20.16	19.91	21.60	22.24	22.25	22.05	22.90
3GPP Rel 6	HSUPA Subtest-2	18.61	18.26	18.33	19.00	18.19	18.17	17.92	19.60	20.21	20.22	20.04	20.90
3GPP Rel 6	HSUPA Subtest-3	19.62	19.29	19.34	20.00	19.18	19.19	18.96	20.60	21.19	21.23	21.01	21.90
3GPP Rel 6	HSUPA Subtest-4	18.63	18.26	18.34	19.00	18.16	18.16	17.95	19.60	20.18	20.21	19.99	20.90
3GPP Rel 6	HSUPA Subtest-5	20.63	20.29	20.33	21.00	20.12	20.15	19.92	21.60	22.24	22.23	22.01	22.90

Band 2_Ant1 DSI 3												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18800	Power High Ch. / Freq. 18900	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.55	20.35	20.28	21.3	0				
20	QPSK	1	49	20.28	20.10	20.15						
20	QPSK	1	99	20.17	20.06	20.13						
20	QPSK	50	0	20.51	20.28	20.25	21.3	0				
20	QPSK	50	24	20.46	20.30	20.39						
20	QPSK	50	50	20.35	20.28	20.34						
20	QPSK	100	0	20.50	20.27	20.27	21.3	0				
20	16QAM	1	0	20.30	20.58	20.56						
20	16QAM	1	49	20.64	20.47	20.55						
20	16QAM	1	99	20.52	20.42	20.54	21.3	0				
20	16QAM	50	0	20.53	20.29	20.27						
20	16QAM	50	24	20.50	20.32	20.37						
20	16QAM	50	50	20.37	20.28	20.36	21.3	0				
20	16QAM	100	0	20.48	20.28	20.27						
20	64QAM	1	0	20.64	20.46	20.41						
20	64QAM	1	49	20.33	20.33	20.34	21.3	0				
20	64QAM	1	99	20.32	20.32	20.36						
20	64QAM	50	0	20.14	19.91	19.90						
20	64QAM	50	24	20.10	19.92	19.98	21	0.3				
20	64QAM	50	50	19.98	19.89	19.96						
20	64QAM	100	0	20.09	19.89	19.90						
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.44	20.20	20.23	21.3	0				
15	QPSK	1	37	20.34	20.14	20.22						
15	QPSK	1	74	20.29	20.16	20.21						
15	QPSK	36	0	20.51	20.27	20.23	21.3	0				
15	QPSK	36	20	20.42	20.28	20.29						
15	QPSK	36	39	20.39	20.27	20.35						
15	QPSK	75	0	20.41	20.28	20.25	21.3	0				
15	16QAM	1	0	20.70	20.48	20.52						
15	16QAM	1	37	20.67	20.45	20.52						
15	16QAM	1	74	20.61	20.41	20.57	21.3	0				
15	16QAM	36	0	20.52	20.28	20.24						
15	16QAM	36	20	20.44	20.29	20.30						
15	16QAM	36	39	20.40	20.31	20.37	21.3	0				
15	16QAM	75	0	20.42	20.29	20.26						
15	64QAM	1	0	20.59	20.43	20.35						
15	64QAM	1	37	20.55	20.38	20.40	21.3	0				
15	64QAM	1	74	20.42	20.29	20.36						
15	64QAM	36	0	20.14	19.90	19.91						
15	64QAM	36	20	20.09	19.90	19.93	21	0.3				
15	64QAM	36	39	20.05	19.94	20.02						
15	64QAM	75	0	20.02	19.90	19.89						
Channel												
Frequency (MHz)												
10	QPSK	1	0	20.36	20.08	20.20	21.3	0				
10	QPSK	1	25	20.33	20.09	20.20						
10	QPSK	1	49	20.24	20.10	20.20						
10	QPSK	25	0	20.45	20.18	20.20	21.3	0				
10	QPSK	25	12	20.42	20.24	20.26						
10	QPSK	25	25	20.41	20.26	20.35						
10	QPSK	50	0	20.37	20.25	20.26	21.3	0				
10	16QAM	1	0	20.74	20.51	20.61						
10	16QAM	1	25	20.67	20.48	20.60						
10	16QAM	1	49	20.72	20.45	20.57	21.3	0				
10	16QAM	25	0	20.47	20.19	20.21						
10	16QAM	25	12	20.42	20.25	20.26						
10	16QAM	25	25	20.42	20.27	20.34	21.3	0				
10	16QAM	50	0	20.40	20.23	20.24						
10	64QAM	1	0	20.60	20.39	20.45						
10	64QAM	1	25	20.65	20.39	20.52	21.3	0				
10	64QAM	1	49	20.51	20.34	20.46						
10	64QAM	25	0	20.11	19.84	19.84						
10	64QAM	25	12	20.04	19.89	19.90	21	0.3				
10	64QAM	25	25	20.01	19.87	19.97						
10	64QAM	50	0	20.03	19.86	19.91						
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.35	20.11	20.17	21.3	0				
5	QPSK	1	12	20.37	20.13	20.23						
5	QPSK	1	24	20.38	20.18	20.23						
5	QPSK	12	0	20.46	20.18	20.31	21.3	0				
5	QPSK	12	7	20.48	20.25	20.31						
5	QPSK	12	13	20.47	20.22	20.32						
5	QPSK	25	0	20.46	20.20	20.29	21.3	0				
5	16QAM	1	0	20.71	20.40	20.50						
5	16QAM	1	12	20.64	20.44	20.53						
5	16QAM	1	24	20.66	20.44	20.58	21.3	0				
5	16QAM	12	0	20.48	20.21	20.27						
5	16QAM	12	7	20.50	20.26	20.32						
5	16QAM	12	13	20.47	20.26	20.32	21.3	0				
5	16QAM	25	0	20.44	20.24	20.35						
5	64QAM	1	0	20.59	20.37	20.45						
5	64QAM	1	12	20.52	20.32	20.40	21.3	0				
5	64QAM	1	24	20.58	20.36	20.46						
5	64QAM	12	0	20.13	19.89	19.95						
5	64QAM	12	7	20.15	19.92	19.99	21	0.3				
5	64QAM	12	13	20.11	19.86	19.96						
5	64QAM	25	0	20.05	19.83	19.88						
Channel												
Frequency (MHz)												
3	QPSK	1	0	20.32	20.10	20.19	21.3	0				
3	QPSK	1	8	20.42	20.18	20.26						
3	QPSK	1	14	20.36	20.14	20.21						
3	QPSK	8	0	20.42	20.21	20.29	21.3	0				
3	QPSK	8	4	20.45	20.21	20.31						
3	QPSK	8	7	20.42	20.19	20.27						
3	QPSK	15	0	20.45	20.17	20.29	21.3	0				
3	16QAM	1	0	20.64	20.41	20.53						
3	16QAM	1	8	20.70	20.51	20.56						
3	16QAM	1	14	20.67	20.46	20.51	21.3	0				
3	16QAM	8	0	20.51	20.24	20.35						
3	16QAM	8	4	20.51	20.32	20.36						
3	16QAM	8	7	20.48	20.25	20.35	21.3	0				
3	16QAM	15	0	20.48	20.25	20.30						
3	64QAM	1	0	20.63	20.30	20.44						
3	64QAM	1	8	20.68	20.40	20.51	21.3	0				
3	64QAM	1	14	20.64	20.34	20.43						
3	64QAM	8	0	20.10	19.85	19.94						
3	64QAM	8	4	20.11	19.90	19.98	21	0.3				
3	64QAM	8	7	20.09	19.88	19.96						
3	64QAM	15	0	20.08	19.83	19.90						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	20.32	20.10	20.19	21.3	0				
1.4	QPSK	1	3	20.42	20.18	20.26						
1.4	QPSK	1	5	20.36	20.14	20.21						
1.4	QPSK	3	0	20.42	20.21	20.29	21.3	0				
1.4	QPSK	3	1	20.45	20.21	20.31						
1.4	QPSK	3	3	20.42	20.19	20.27						
1.4	QPSK	6	0	20.41	20.18	20.21	21.3	0				
1.4	16QAM	1	0	20.64	20.41	20.53						
1.4	16QAM	1	3	20.70	20.51	20.56						
1.4	16QAM	1	5	20.67	20.46	20.51	21.3	0				
1.4	16QAM	3	0	20.51	20.24	20.35						
1.4	16QAM	3	1	20.51	20.32	20.36						
1.4	16QAM	3	3	20.48	20.25	20.35	21.3	0				
1.4	16QAM	6	0	20.47	20.22	20.33						
1.4	64QAM	1	0	20.63	20.30	20.44						
1.4	64QAM	1	3	20.68	20.40	20.51	21.3	0				
1.4	64QAM	1	5	20.64	20.34	20.43						
1.4	64QAM	3	0	20.10	19.85	19.94						
1.4	64QAM	3	1	20.11	19.90	19.98	21	0.3				
1.4	64QAM	3	3	20.09	19.88	19.96						
1.4	64QAM	6	0	20.01	19.87	19.91						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	20.32	20.10	20.19	21	0.3				

Band 4_Ant1_DSI 5										
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				20500	20175	20500				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	19.39	19.44	19.41	20.6	0		
20	QPSK	1	49	19.24	19.24	19.16				
20	QPSK	1	99	19.21	19.16	19.14				
20	QPSK	50	0	19.46	19.46	19.40				
20	QPSK	50	24	19.46	19.38	19.31	20.6	0		
20	QPSK	50	50	19.36	19.34	19.29				
20	QPSK	100	0	19.42	19.41	19.26				
20	16QAM	1	0	19.79	19.79	19.71				
20	16QAM	1	49	19.60	19.58	19.51	20.6	0		
20	16QAM	1	99	19.58	19.53	19.42				
20	16QAM	50	0	19.47	19.48	19.43				
20	16QAM	50	24	19.49	19.40	19.32				
20	16QAM	50	50	19.41	19.38	19.31	20.6	0		
20	16QAM	100	0	19.44	19.40	19.31				
20	64QAM	1	0	19.62	19.66	19.62				
20	64QAM	1	49	19.48	19.49	19.40				
20	64QAM	1	99	19.45	19.42	19.35	20.6	0		
20	64QAM	50	0	19.48	19.50	19.45				
20	64QAM	50	24	19.51	19.44	19.36				
20	64QAM	50	50	19.43	19.40	19.33				
20	64QAM	100	0	19.48	19.43	19.34				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	19.33	19.36	19.41	20.6	0		
15	QPSK	1	37	19.21	19.14	19.07				
15	QPSK	1	74	19.17	19.15	19.04				
15	QPSK	36	0	19.46	19.38	19.34				
15	QPSK	36	20	19.43	19.30	19.21	20.6	0		
15	QPSK	36	39	19.26	19.28	19.25				
15	QPSK	75	0	19.40	19.38	19.18				
15	16QAM	1	0	19.77	19.75	19.63				
15	16QAM	1	37	19.52	19.52	19.47	20.6	0		
15	16QAM	1	74	19.50	19.50	19.40				
15	16QAM	36	0	19.46	19.45	19.33				
15	16QAM	36	20	19.45	19.39	19.22				
15	16QAM	36	39	19.31	19.36	19.25	20.6	0		
15	16QAM	75	0	19.38	19.38	19.25				
15	64QAM	1	0	19.52	19.60	19.61				
15	64QAM	1	37	19.47	19.39	19.35				
15	64QAM	1	74	19.37	19.41	19.29	20.6	0		
15	64QAM	36	0	19.47	19.48	19.45				
15	64QAM	36	20	19.51	19.35	19.32				
15	64QAM	36	39	19.43	19.34	19.26				
15	64QAM	75	0	19.38	19.41	19.28				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	19.31	19.39	19.36	20.6	0		
10	QPSK	1	25	19.17	19.14	19.12				
10	QPSK	1	49	19.13	19.14	19.07				
10	QPSK	25	0	19.46	19.44	19.33				
10	QPSK	25	12	19.45	19.30	19.27	20.6	0		
10	QPSK	25	25	19.31	19.32	19.21				
10	QPSK	50	0	19.39	19.34	19.24				
10	16QAM	1	0	19.69	19.72	19.64				
10	16QAM	1	25	19.51	19.57	19.43	20.6	0		
10	16QAM	1	49	19.49	19.46	19.38				
10	16QAM	25	0	19.38	19.41	19.38				
10	16QAM	25	12	19.44	19.31	19.26				
10	16QAM	25	25	19.38	19.30	19.21	20.6	0		
10	16QAM	50	0	19.44	19.34	19.28				
10	64QAM	1	0	19.54	19.65	19.60				
10	64QAM	1	25	19.39	19.45	19.35				
10	64QAM	1	49	19.45	19.33	19.34	20.6	0		
10	64QAM	25	0	19.42	19.41	19.38				
10	64QAM	25	12	19.43	19.40	19.32				
10	64QAM	25	25	19.42	19.40	19.28				
10	64QAM	50	0	19.40	19.39	19.29				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	19.30	19.41	19.32	20.6	0		
5	QPSK	1	12	19.16	19.14	19.13				
5	QPSK	1	24	19.17	19.09	19.13				
5	QPSK	12	0	19.42	19.36	19.38				
5	QPSK	12	7	19.39	19.29	19.30	20.6	0		
5	QPSK	12	13	19.29	19.28	19.20				
5	QPSK	25	0	19.35	19.33	19.25				
5	16QAM	1	0	19.69	19.75	19.68				
5	16QAM	1	12	19.51	19.54	19.44	20.6	0		
5	16QAM	1	24	19.52	19.45	19.39				
5	16QAM	12	0	19.42	19.45	19.36				
5	16QAM	12	7	19.43	19.37	19.28				
5	16QAM	12	13	19.38	19.34	19.26	20.6	0		
5	16QAM	25	0	19.37	19.30	19.22				
5	64QAM	1	0	19.60	19.58	19.57				
5	64QAM	1	12	19.40	19.39	19.35				
5	64QAM	1	24	19.36	19.36	19.33	20.6	0		
5	64QAM	12	0	19.44	19.43	19.43				
5	64QAM	12	7	19.48	19.43	19.33				
5	64QAM	12	13	19.37	19.34	19.28				
5	64QAM	25	0	19.46	19.34	19.34				
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	19.34	19.34	19.39	20.6	0		
3	QPSK	1	8	19.20	19.23	19.14				
3	QPSK	1	14	19.18	19.07	19.11				
3	QPSK	8	0	19.37	19.38	19.37				
3	QPSK	8	4	19.38	19.29	19.27	20.6	0		
3	QPSK	8	7	19.36	19.34	19.25				
3	QPSK	15	0	19.38	19.32	19.21				
3	16QAM	1	0	19.72	19.68	19.64				
3	16QAM	1	8	19.57	19.53	19.46	20.6	0		
3	16QAM	1	14	19.55	19.43	19.33				
3	16QAM	8	0	19.47	19.40	19.38				
3	16QAM	8	4	19.46	19.31	19.25				
3	16QAM	8	7	19.41	19.31	19.30	20.6	0		
3	16QAM	15	0	19.42	19.39	19.25				
3	64QAM	1	0	19.58	19.62	19.58				
3	64QAM	1	8	19.41	19.44	19.40				
3	64QAM	1	14	19.43	19.43	19.30	20.6	0		
3	64QAM	8	0	19.39	19.50	19.35				
3	64QAM	8	4	19.47	19.38	19.34				
3	64QAM	8	7	19.36	19.36	19.32				
3	64QAM	15	0	19.44	19.33	19.24				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	19.36	19.40	19.35	20.6	0		
1.4	QPSK	1	3	19.17	19.16	19.16				
1.4	QPSK	1	5	19.19	19.08	19.11				
1.4	QPSK	3	1	19.36	19.40	19.40				
1.4	QPSK	3	1	19.39	19.33	19.31	20.6	0		
1.4	QPSK	3	3	19.33	19.30	19.23				
1.4	QPSK	6	0	19.35	19.39	19.17				
1.4	16QAM	1	0	19.77	19.77	19.62				
1.4	16QAM	1	3	19.53	19.52	19.44	20.6	0		
1.4	16QAM	1	5	19.48	19.50	19.42				
1.4	16QAM	3	0	19.45	19.44	19.34				
1.4	16QAM	3	1	19.39	19.32	19.28				
1.4	16QAM	3	3	19.36	19.35	19.22	20.6	0		
1.4	16QAM	6	0	19.39	19.30	19.30				
1.4	64QAM	1	0	19.54	19.62	19.57				
1.4	64QAM	1	3	19.46	19.46	19.31				
1.4	64QAM	1	5	19.38	19.33	19.27	20.6	0		
1.4	64QAM	3	0	19.44	19.44	19.45				
1.4	64QAM	3	1	19.50	19.42	19.29				
1.4	64QAM	3	3	19.39	19.35	19.27				
1.4	64QAM	6	0	19.39	19.43	19.30	19.6	1		

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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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.78	22.02	22.01	23	0	
20	QPSK	1	49	21.88	22.19	22.04			
20	QPSK	1	99	22.03	22.25	22.08			
20	QPSK	50	0	21.92	22.21	22.18	23	0	
20	QPSK	50	24	22.07	22.27	22.20			
20	QPSK	50	50	22.10	22.28	22.14			
20	QPSK	100	0	22.02	22.26	22.21	23	0	
20	16QAM	1	0	22.18	22.38	22.36			
20	16QAM	1	49	22.23	22.57	22.41			
20	16QAM	1	99	22.40	22.56	22.42	23	0	
20	16QAM	50	0	21.04	21.22	21.19			
20	16QAM	50	24	21.05	21.29	21.21			
20	16QAM	50	50	21.12	21.32	21.15	23	0	
20	16QAM	100	0	21.03	21.28	21.19			
20	64QAM	1	0	22.03	21.21	21.27			
20	64QAM	1	49	22.09	21.42	21.28	23	0	
20	64QAM	1	99	22.25	21.42	21.08			
20	64QAM	50	0	20.92	20.28	20.23			
20	64QAM	50	24	21.06	20.34	20.24	22	1	
20	64QAM	50	50	21.08	20.33	20.17			
20	64QAM	100	0	21.04	20.28	20.23			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.75	21.99	21.92	23	0	
15	QPSK	1	37	21.84	22.12	21.96			
15	QPSK	1	74	21.95	22.24	22.07			
15	QPSK	36	0	21.88	22.21	22.06	23	0	
15	QPSK	36	20	21.99	22.26	22.15			
15	QPSK	36	39	22.10	22.23	22.09			
15	QPSK	75	0	21.94	22.26	22.21	23	0	
15	16QAM	1	0	22.09	22.31	22.27			
15	16QAM	1	37	22.15	22.54	22.35			
15	16QAM	1	74	22.38	22.48	22.41	23	0	
15	16QAM	36	0	21.03	21.13	21.15			
15	16QAM	36	20	21.05	21.20	21.18			
15	16QAM	36	39	21.08	21.26	21.15	23	0	
15	16QAM	75	0	21.06	21.20	21.10			
15	64QAM	1	0	21.95	21.17	21.20			
15	64QAM	1	37	22.04	21.32	21.18	23	0	
15	64QAM	1	74	22.19	21.36	21.05			
15	64QAM	36	0	20.90	20.23	20.14			
15	64QAM	36	20	21.00	20.24	20.15	22	1	
15	64QAM	36	39	21.08	20.25	20.07			
15	64QAM	75	0	21.02	20.23	20.10			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.73	22.01	21.98	23	0	
10	QPSK	1	25	21.81	22.09	22.02			
10	QPSK	1	49	21.96	22.16	22.02			
10	QPSK	25	0	21.91	22.19	22.17	23	0	
10	QPSK	25	12	22.02	22.18	22.10			
10	QPSK	25	25	22.02	22.23	22.18			
10	QPSK	50	0	21.97	22.18	22.17	23	0	
10	16QAM	1	0	22.18	22.30	22.27			
10	16QAM	1	25	22.16	22.54	22.34			
10	16QAM	1	49	22.38	22.56	22.37	23	0	
10	16QAM	25	0	21.03	21.20	21.09			
10	16QAM	25	12	21.06	21.27	21.12			
10	16QAM	25	25	21.07	21.29	21.08	23	0	
10	16QAM	50	0	21.03	21.20	21.13			
10	64QAM	1	0	21.95	21.18	21.19			
10	64QAM	1	25	22.04	21.41	21.18	23	0	
10	64QAM	1	49	22.18	21.38	21.05			
10	64QAM	25	0	20.90	20.19	20.15			
10	64QAM	25	12	21.06	20.32	20.14	22	1	
10	64QAM	25	25	21.06	20.26	20.16			
10	64QAM	50	0	20.97	20.19	20.23			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.78	21.91	21.80	23	0	
5	QPSK	1	12	21.83	22.11	21.84			
5	QPSK	1	24	21.94	22.15	22.04			
5	QPSK	12	0	21.82	22.13	22.10	23	0	
5	QPSK	12	7	22.07	22.23	22.14			
5	QPSK	12	13	22.10	22.21	22.13			
5	QPSK	25	0	22.01	22.26	22.18	23	0	
5	16QAM	1	0	22.17	22.32	22.34			
5	16QAM	1	12	22.20	22.49	22.41			
5	16QAM	1	24	22.38	22.53	22.36	23	0	
5	16QAM	12	0	21.02	21.12	21.10			
5	16QAM	12	7	21.06	21.19	21.20			
5	16QAM	12	13	21.09	21.25	21.14	23	0	
5	16QAM	25	0	21.06	21.24	21.18			
5	64QAM	1	0	22.01	21.17	21.22			
5	64QAM	1	12	21.99	21.35	21.20	23	0	
5	64QAM	1	24	22.19	21.34	21.06			
5	64QAM	12	0	20.91	20.28	20.17			
5	64QAM	12	7	20.99	20.31	20.19	22	1	
5	64QAM	12	13	20.98	20.29	20.10			
5	64QAM	25	0	20.94	20.25	20.23			

Band 7_Ant2 DSI 3									
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				2510	2535	2560			
Frequency (MHz)									
20	QPSK	1	0	19.10	19.48	19.23	21.1	0	
20	QPSK	1	49	19.14	19.42	19.23			
20	QPSK	1	99	19.32	19.29	19.23			
20	QPSK	50	0	19.20	19.54	19.38	21.1	0	
20	QPSK	50	24	19.35	19.53	19.40			
20	QPSK	50	50	19.37	19.47	19.32			
20	QPSK	100	0	19.34	19.51	19.40	21.1	0	
20	16QAM	1	0	19.45	19.63	19.61			
20	16QAM	1	49	19.54	19.78	19.58			
20	16QAM	1	99	19.72	19.83	19.60	21.1	0	
20	16QAM	50	0	19.12	19.30	19.20			
20	16QAM	50	24	19.15	19.36	19.21			
20	16QAM	50	50	19.19	19.37	19.15	21.1	0	
20	16QAM	100	0	19.14	19.30	19.20			
20	64QAM	1	0	19.11	19.30	19.32			
20	64QAM	1	49	19.20	19.52	19.30	21.1	0	
20	64QAM	1	99	19.39	19.46	19.29			
20	64QAM	50	0	18.10	18.33	18.22			
20	64QAM	50	24	18.17	18.39	18.26	20.1	1	
20	64QAM	50	50	18.21	18.38	18.15			
20	64QAM	100	0	18.15	18.34	18.25			
Channel				20825	21100	21375	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.12	19.28	19.23	21.1	0	
15	QPSK	1	37	19.11	19.40	19.21			
15	QPSK	1	74	19.28	19.44	19.21			
15	QPSK	36	0	19.13	19.41	19.37	21.1	0	
15	QPSK	36	20	19.31	19.46	19.36			
15	QPSK	36	39	19.35	19.47	19.24			
15	QPSK	75	0	19.34	19.51	19.38	21.1	0	
15	16QAM	1	0	19.38	19.57	19.59			
15	16QAM	1	37	19.62	19.69	19.49			
15	16QAM	1	74	19.71	19.83	19.62	21.1	0	
15	16QAM	36	0	19.11	19.22	19.13			
15	16QAM	36	20	19.12	19.29	19.11			
15	16QAM	36	39	19.16	19.29	19.14	21.1	0	
15	16QAM	75	0	19.15	19.24	19.14			
15	64QAM	1	0	19.16	19.27	19.17			
15	64QAM	1	37	19.15	19.42	19.20	21.1	0	
15	64QAM	1	74	19.31	19.41	19.28			
15	64QAM	36	0	18.16	18.24	18.17			
15	64QAM	36	20	18.15	18.36	18.18	20.1	1	
15	64QAM	36	39	18.17	18.31	18.12			
15	64QAM	75	0	18.14	18.34	18.22			
Channel				20800	21100	21400	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.13	19.28	19.22	21.1	0	
10	QPSK	1	25	19.14	19.32	19.20			
10	QPSK	1	49	19.24	19.42	19.14			
10	QPSK	25	0	19.16	19.42	19.35	21.1	0	
10	QPSK	25	12	19.25	19.45	19.23			
10	QPSK	25	25	19.35	19.44	19.33			
10	QPSK	50	0	19.33	19.44	19.30	21.1	0	
10	16QAM	1	0	19.39	19.59	19.57			
10	16QAM	1	25	19.62	19.77	19.62			
10	16QAM	1	49	19.71	19.74	19.61	21.1	0	
10	16QAM	25	0	19.10	19.24	19.11			
10	16QAM	25	12	19.12	19.27	19.18			
10	16QAM	25	25	19.14	19.33	19.11	21.1	0	
10	16QAM	50	0	19.11	19.23	19.15			
10	64QAM	1	0	19.12	19.26	19.31			
10	64QAM	1	25	19.13	19.43	19.23	21.1	0	
10	64QAM	1	49	19.30	19.37	19.21			
10	64QAM	25	0	18.12	18.31	18.19			
10	64QAM	25	12	18.13	18.29	18.21	20.1	1	
10	64QAM	25	25	18.20	18.30	18.10			
10	64QAM	50	0	18.11	18.25	18.23			
Channel				20775	21100	21425	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.12	19.19	19.21	21.1	0	
5	QPSK	1	12	19.10	19.41	19.21			
5	QPSK	1	24	19.24	19.42	19.17			
5	QPSK	12	0	19.12	19.37	19.37	21.1	0	
5	QPSK	12	7	19.30	19.46	19.32			
5	QPSK	12	13	19.29	19.54	19.29			
5	QPSK	25	0	19.29	19.43	19.33	21.1	0	
5	16QAM	0	0	19.43	19.57	19.57			
5	16QAM	1	12	19.47	19.77	19.58			
5	16QAM	1	24	19.67	19.76	19.55	21.1	0	
5	16QAM	12	0	19.11	19.27	19.15			
5	16QAM	12	7	19.10	19.36	19.15			
5	16QAM	12	13	19.17	19.36	19.12	21.1	0	
5	16QAM	25	0	19.15	19.27	19.10			
5	64QAM	1	0	19.12	19.21	19.29			
5	64QAM	1	12	19.18	19.48	19.20	21.1	0	
5	64QAM	1	24	19.36	19.37	19.26			
5	64QAM	12	0	18.12	18.26	18.15			
5	64QAM	12	7	18.15	18.36	18.20	20.1	1	
5	64QAM	12	13	18.14	18.37	18.28			
5	64QAM	25	0	18.13	18.27	18.22			

Band 66_Ant1 DSI 3												
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	21.14	21.12	21.05	22	0				
20	QPSK	1	49	21.05	20.98	20.90						
20	QPSK	1	99	20.96	20.91	20.78						
20	QPSK	50	0	21.15	21.11	21.04						
20	QPSK	50	24	21.13	21.08	20.99	22	0				
20	QPSK	50	50	21.14	21.09	21.00						
20	QPSK	100	0	21.18	21.04	21.00						
20	16QAM	1	0	21.53	21.50	21.39						
20	16QAM	1	49	21.42	21.33	21.24	22	0				
20	16QAM	1	99	21.31	21.20	21.12						
20	16QAM	50	0	20.96	20.92	20.85						
20	16QAM	50	24	21.03	20.90	20.83						
20	16QAM	50	50	20.97	20.92	20.81	22	0				
20	16QAM	100	0	20.99	20.85	20.83						
20	16QAM	1	0	21.14	21.11	21.02						
20	16QAM	1	49	21.04	20.97	20.93						
20	16QAM	1	99	21.04	20.98	20.92	22	0				
20	16QAM	50	0	19.98	19.96	19.88						
20	16QAM	50	24	20.04	19.91	19.84						
20	16QAM	50	50	19.98	19.92	19.84						
20	16QAM	100	0	20.04	19.90	19.81	21	1				
Channel				132047	132322	132597						
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	21.07	21.08	21.02	22	0				
15	QPSK	1	37	21.05	20.93	20.81						
15	QPSK	1	74	20.91	20.88	20.78						
15	QPSK	36	0	21.05	21.02	20.96						
15	QPSK	36	20	21.06	20.99	20.97	22	0				
15	QPSK	36	39	21.09	21.00	20.96						
15	QPSK	75	0	21.15	21.04	20.91						
15	16QAM	1	0	21.46	21.43	21.39						
15	16QAM	1	37	21.37	21.28	21.20	22	0				
15	16QAM	1	74	21.22	21.14	21.03						
15	16QAM	36	0	20.86	20.86	20.77						
15	16QAM	36	20	20.94	20.83	20.73						
15	16QAM	36	39	20.91	20.88	20.78	22	0				
15	16QAM	75	0	20.93	20.81	20.75						
15	16QAM	1	0	21.09	21.10	21.01						
15	16QAM	1	37	20.97	20.88	20.85						
15	16QAM	1	74	20.94	20.96	20.73	21	1				
15	16QAM	36	0	19.88	19.89	19.81						
15	16QAM	36	20	19.94	19.88	19.83						
15	16QAM	36	39	19.90	19.84	19.74						
15	16QAM	75	0	19.94	19.90	19.71	Channel					
Frequency (MHz)				132022	132322	132622						
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	21.09	21.02	20.95	22	0				
10	QPSK	1	25	21.02	20.91	20.86						
10	QPSK	1	49	20.86	20.85	20.68						
10	QPSK	25	0	21.10	21.01	20.96						
10	QPSK	25	12	21.13	21.06	20.92	22	0				
10	QPSK	25	25	21.11	21.02	20.96						
10	QPSK	50	0	21.16	21.04	20.95						
10	16QAM	1	0	21.53	21.47	21.34						
10	16QAM	1	25	21.38	21.30	21.19	22	0				
10	16QAM	1	49	21.26	21.17	21.11						
10	16QAM	25	0	20.88	20.91	20.77						
10	16QAM	25	12	21.00	20.82	20.75						
10	16QAM	25	25	20.94	20.88	20.72	22	0				
10	16QAM	50	0	20.99	20.78	20.75						
10	16QAM	1	0	21.08	21.10	20.95						
10	16QAM	1	25	20.98	20.94	20.83						
10	16QAM	1	49	21.04	20.88	20.81	22	0				
10	16QAM	25	0	19.96	19.94	19.80						
10	16QAM	25	12	20.02	19.83	19.79						
10	16QAM	25	25	19.90	19.87	19.74						
10	16QAM	50	0	20.00	19.85	19.72	Channel					
Frequency (MHz)				131997	132322	132647						
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	21.08	21.02	21.04	22	0				
5	QPSK	1	12	21.04	20.97	20.84						
5	QPSK	1	24	20.89	20.86	20.76						
5	QPSK	12	0	21.12	21.03	20.97						
5	QPSK	12	7	21.07	20.98	20.91	22	0				
5	QPSK	12	13	21.08	21.06	20.96						
5	QPSK	25	0	21.17	20.95	20.97						
5	16QAM	1	0	21.49	21.41	21.33						
5	16QAM	1	12	21.36	21.24	21.19	22	0				
5	16QAM	1	24	21.30	21.19	21.03						
5	16QAM	12	0	20.95	20.89	20.80						
5	16QAM	12	7	21.00	20.88	20.73						
5	16QAM	12	13	20.96	20.82	20.73	22	0				
5	16QAM	25	0	20.91	20.78	20.80						
5	16QAM	1	0	21.04	21.10	20.97						
5	16QAM	1	12	20.95	20.88	20.90						
5	16QAM	1	24	21.02	20.95	20.80	22	0				
5	16QAM	12	0	19.88	19.95	19.82						
5	16QAM	12	7	20.02	19.83	19.78						
5	16QAM	12	13	19.93	19.92	19.82						
5	16QAM	25	0	19.97	19.86	19.78	Channel					
Frequency (MHz)				131987	132322	132652						
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	21.05	21.09	20.97	22	0				
3	QPSK	1	8	21.03	20.89	20.87						
3	QPSK	1	14	20.96	20.81	20.69						
3	QPSK	8	0	21.14	21.08	20.95						
3	QPSK	8	4	21.12	21.07	20.94	22	0				
3	QPSK	8	7	21.08	21.04	20.95						
3	QPSK	15	0	21.14	20.95	20.95						
3	16QAM	1	0	21.49	21.45	21.38						
3	16QAM	1	8	21.39	21.31	21.19	22	0				
3	16QAM	1	14	21.33	21.16	21.11						
3	16QAM	8	0	20.86	20.85	20.82						
3	16QAM	8	4	21.03	20.82	20.75						
3	16QAM	8	7	20.95	20.85	20.72	22	0				
3	16QAM	15	0	20.93	20.77	20.74						
3	16QAM	1	0	21.12	21.05	21.02						
3	16QAM	1	8	20.94	20.91	20.89						
3	16QAM	1	14	20.95	20.95	20.77	22	0				
3	16QAM	8	0	19.97	19.88	19.80						
3	16QAM	8	4	20.03	19.84	19.75						
3	16QAM	8	7	19.98	19.86	19.78						
3	16QAM	15	0	19.99	19.88	19.76	Channel					
Frequency (MHz)				131979	132322	132665						
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	21.09	21.09	20.98	22	0				
1.4	QPSK	1	3	20.98	20.88	20.86						
1.4	QPSK	1	5	20.88	20.87	20.68						
1.4	QPSK	3	0	21.09	21.10	21.00						
1.4	QPSK	3	1	21.04	21.02	20.95	22	0				
1.4	QPSK	3	3	21.13	21.04	20.98						
1.4	QPSK	6	0	21.18	20.99	20.95						
1.4	16QAM	1	0	21.48	21.47	21.38						
1.4	16QAM	1	3	21.39	21.33	21.16	22	0				
1.4	16QAM	1	5	21.30	21.15	21.02						
1.4	16QAM	3	0	20.92	20.89	20.82						
1.4	16QAM	3	1	20.96	20.79	20.82						
1.4	16QAM	3	3	20.95	20.86	20.76	22	0				
1.4	16QAM	6	0	20.86	20.79	20.82						
1.4	16QAM	1	0	21.06	21.07	20.97						
1.4	16QAM	1	3	21.01	20.88	20.86						
1.4	16QAM	1	5	20.98	20.97	20.74	22	0				
1.4	16QAM	3	0	21.00	21.08	20.95						
1.4	16QAM	3	1	20.99	20.79	20.80						
1.4	16QAM	3	3	20.92	20.87	20.74						
1.4	16QAM	6	0	20.80	19.82	19.79	21	1				

Band 38_Ant 1 DSI 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power High Ch. Freq.	Time-up limit (dBm)	MPIR (dB)		
Channel										
				31800	36000	36100				
Frequency (MHz)										
20	QPSK	1	0	18.13	18.13	18.13	21.1	0		
20	QPSK	1	49	18.17	18.18	18.18				
20	QPSK	1	99	18.22	18.24	18.24				
20	QPSK	50	0	18.25	18.25	18.25				
20	QPSK	50	24	18.27	18.28	18.28				
20	QPSK	100	0	18.30	18.30	18.30	21.1	0		
20	QPSK	100	49	18.32	18.33	18.33				
20	QPSK	100	99	18.35	18.36	18.36				
20	16QAM	50	0	18.39	18.39	18.39				
20	16QAM	50	25	18.41	18.42	18.42				
20	16QAM	100	0	18.43	18.44	18.44	21.1	0		
20	16QAM	100	50	18.45	18.46	18.46				
20	16QAM	100	99	18.48	18.49	18.49				
20	16QAM	100	0	18.51	18.51	18.51				
20	16QAM	100	0	18.51	18.51	18.51				
Channel										
				31800	36000	36100				
Frequency (MHz)										
15	QPSK	1	0	18.13	18.13	18.13	21.1	0		
15	QPSK	1	37	18.17	18.18	18.18				
15	QPSK	1	74	18.22	18.24	18.24				
15	QPSK	36	0	18.24	18.24	18.24				
15	QPSK	36	36	18.25	18.25	18.25				
15	QPSK	36	74	18.26	18.26	18.26	21.1	0		
15	QPSK	36	36	18.28	18.30	18.30				
15	QPSK	100	0	18.31	18.32	18.32				
15	QPSK	100	49	18.33	18.34	18.34				
15	QPSK	100	99	18.35	18.36	18.36				
15	16QAM	1	0	18.28	18.28	18.28	21.1	0		
15	16QAM	1	37	18.27	18.28	18.28				
15	16QAM	36	20	18.29	18.29	18.29				
15	16QAM	36	36	18.29	18.29	18.29				
15	16QAM	36	74	18.30	18.31	18.31				
15	16QAM	75	0	18.30	18.30	18.30	21.1	0		
15	16QAM	75	0	18.30	18.30	18.30				
15	16QAM	75	0	18.30	18.30	18.30				
15	16QAM	75	0	18.30	18.30	18.30				
15	16QAM	75	0	18.30	18.30	18.30				
Channel										
				31800	36000	36100				
Frequency (MHz)										
10	QPSK	1	0	18.13	18.13	18.13	21.1	0		
10	QPSK	1	49	18.17	18.18	18.18				
10	QPSK	1	99	18.22	18.24	18.24				
10	QPSK	12	0	18.25	18.25	18.25				
10	QPSK	12	49	18.26	18.26	18.26				
10	QPSK	20	0	18.28	18.30	18.30	21.1	0		
10	QPSK	20	12	18.28	18.30	18.30				
10	QPSK	20	12	18.28	18.30	18.30				
10	QPSK	20	12	18.28	18.30	18.30				
10	QPSK	20	12	18.28	18.30	18.30				
10	16QAM	1	0	18.28	18.28	18.28	21.1	0		
10	16QAM	1	49	18.34	18.35	18.35				
10	16QAM	1	99	18.37	18.38	18.38				
10	16QAM	25	0	18.34	18.35	18.35				
10	16QAM	25	0	18.34	18.35	18.35				
10	16QAM	25	12	18.35	18.36	18.36	21.1	0		
10	16QAM	25	12	18.35	18.36	18.36				
10	16QAM	25	12	18.35	18.36	18.36				
10	16QAM	25	12	18.35	18.36	18.36				
10	16QAM	25	12	18.35	18.36	18.36				
Channel										
				31775	36000	36225				
Frequency (MHz)										
5	QPSK	1	0	18.13	18.13	18.13	21.1	0		
5	QPSK	1	12	18.15	18.15	18.15				
5	QPSK	1	24	18.17	18.18	18.18				
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	12	0	18.15	18.15	18.15	21.1	0		
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	12	0	18.15	18.15	18.15				
5	QPSK	20	0	18.14	18.15	18.15	21.1	0		
5	QPSK	20	0	18.14	18.15	18.15				
5	QPSK	20	0	18.14	18.15	18.15				
5	QPSK	20	0	18.14	18.15	18.15				
5	QPSK	20	0	18.14	18.15	18.15				
5	16QAM	1	12	18.15	18.15	18.15	21.1	0		
5	16QAM	1	12	18.15	18.15	18.15				
5	16QAM	1	12	18.15	18.15	18.15				
5	16QAM	1	12	18.15	18.15	18.15				
5	16QAM	1	12	18.15	18.15	18.15				
5	16QAM	12	0	18.15	18.15	18.15	21.1	0		
5	16QAM	12	0	18.15	18.15	18.15				
5	16QAM	12	0	18.15	18.15	18.15				
5	16QAM	12	0	18.15	18.15	18.15				
5	16QAM	12	0	18.15	18.15	18.15				
5	16QAM	20	0	18.21	18.21	18.21	21.1	0		
5	16QAM	20	0	18.21	18.21	18.21				
5	16QAM	20	0	18.21	18.21	18.21				
5	16QAM	20	0	18.21	18.21	18.21				

Band 38 Ant 2 CSI 5									
RF Band	Modulation	RF Size	RF Offset	Power Tx [mW]	Power Frac [dB]	Power H0 [dBm]	Time-up [ms]	SINR [dB]	
Channel									
Frequency (MHz)				20	19.9	19.9			
20	QPSK	1	0	19.90	19.90	19.90			
20	QPSK	1	49	19.90	19.90	19.90	21	0	
20	QPSK	50	0	20.01	19.98	19.98			
20	QPSK	50	24	20.01	19.98	19.98			
20	QPSK	50	50	20.01	19.93	19.93	21	0	
20	QPSK	50	74	20.01	19.93	19.93			
20	QPSK	1	49	20.04	19.93	19.93			
20	QPSK	1	74	20.04	19.93	19.93	21	0	
20	QPSK	50	0	19.97	19.95	19.95			
20	QPSK	50	24	19.95	19.97	19.97			
20	QPSK	50	50	19.95	19.97	19.97	20	1	
20	QPSK	50	74	19.95	19.97	19.97			
20	QPSK	1	49	19.98	19.95	19.95			
20	QPSK	1	74	19.98	19.95	19.95	20	1	
20	QPSK	50	0	19.99	19.92	19.92			
20	QPSK	50	24	19.97	19.94	19.94			
20	QPSK	50	24	19.97	19.99	19.99	19	2	
20	QPSK	50	50	19.97	19.99	19.99			
20	QPSK	50	74	19.95	19.99	19.99			
Channel									
Frequency (MHz)				207.5	207.5	207.5	Time-up [ms]	SINR [dB]	
10	QPSK	1	0	207.5	207.5	207.5			
10	QPSK	1	37	19.98	19.98	19.98			
10	QPSK	1	74	19.98	19.98	19.98	21	0	
10	QPSK	36	0	19.94	19.90	19.94			
10	QPSK	36	24	19.94	19.90	19.90			
10	QPSK	36	36	20.00	19.87	19.87	21	0	
10	QPSK	36	74	20.00	19.87	19.87			
10	QPSK	1	37	20.00	19.89	19.89			
10	QPSK	1	74	20.01	19.96	19.91	21	0	
10	QPSK	36	0	19.95	19.92	19.92			
10	QPSK	36	24	19.95	19.96	19.96	20	1	
10	QPSK	75	0	19.93	19.87	19.81			
10	QPSK	75	24	19.93	19.87	19.80			
10	QPSK	75	36	19.93	19.87	19.80			
10	QPSK	1	74	19.72	19.58	19.48	20	1	
10	QPSK	36	0	19.93	19.87	19.80			
10	QPSK	36	24	19.93	19.87	19.80			
10	QPSK	36	36	19.93	19.87	19.80	19	2	
10	QPSK	36	74	19.93	19.87	19.80			
Channel									
Frequency (MHz)				212.5	212.5	212.5	Time-up [ms]	SINR [dB]	
10	QPSK	1	0	19.96	19.96	19.96			
10	QPSK	1	24	19.96	19.96	19.96	21	0	
10	QPSK	1	49	19.96	19.96	19.96			
10	QPSK	23	0	19.94	19.94	19.94			
10	QPSK	23	24	19.94	19.94	19.94			
10	QPSK	23	49	19.93	19.97	19.97	21	0	
10	QPSK	23	74	19.93	19.97	19.97			
10	QPSK	1	49	19.93	19.97	19.97			
10	QPSK	1	74	19.93	19.97	19.97			
10	QPSK	23	0	19.93	19.94	19.94			
10	QPSK	23	24	19.93	19.94	19.94			
10	QPSK								

Band 41_Ant 1 DSI 3										
BS (MHz)	Modulation	RB Size	RB Offset	Power Line Mode Ch. Freq.	Power Line Mode Ch. Freq.	Power Line Mode Ch. Freq.	Power Line Mode Ch. Freq.	Turn-up time (dBm)	MPE (dB)	
Channel										
Frequency (MHz)										
DS1R	1	0	0	20.32	20.41	20.44	20.53			
DS1R	1	46	33	20.32	20.37	20.34	20.32	20.34	21.1	0
DS1R	1	92	66	20.43	20.43	20.43	20.43	20.43		
DS1R	1	0	0	20.38	20.48	20.53	20.46	20.46		
DS1R	1	46	33	20.47	20.53	20.48	20.46	20.46	21.1	0
DS1R	1	92	66	20.48	20.49	20.42	20.47	20.46		
DS1R	1	138	102	20.52	20.52	20.52	20.52	20.52		
HQ4M	1	0	0	20.43	20.43	20.47	20.47	20.47	21.1	0
HQ4M	1	46	33	20.48	20.51	20.47	20.47	20.47		
HQ4M	1	92	66	20.53	20.53	20.48	20.53	20.50		
HQ4M	1	138	102	20.54	20.55	20.49	20.54	20.47	21.1	0
HQ4M	1	184	138	20.58	20.58	20.56	20.56	20.56		
HQ4M	1	0	0	20.61	20.11	20.10	20.09	20.09		
HQ4M	1	46	33	20.66	20.66	20.58	20.58	20.58	21.1	0
HQ4M	1	92	66	20.65	20.68	20.58	20.57	20.55		
HQ4M	1	138	102	20.70	20.70	20.62	20.62	20.62		
HQ4M	1	184	138	20.72	20.72	20.67	20.67	20.67	21.1	0
HQ4M	1	230	174	20.76	20.76	20.73	20.73	20.73		
HQ4M	1	276	210	20.83	20.83	20.79	20.79	20.79		
Channel										
DS1R	1	0	0	20.51.5	20.46.3	20.51	20.27.6	20.51.5		
DS1R	1	46	33	20.51.5	20.46.3	20.51	20.27.6	20.51.5	21.1	0
DS1R	1	92	66	20.52	20.34	20.34	20.34	20.41		
DS1R	1	138	102	20.52	20.41	20.37	20.37	20.41		
DS1R	1	184	138	20.53	20.41	20.39	20.30	20.41		
DS1R	1	230	174	20.53	20.53	20.41	20.41	20.41		
DS1R	1	276	210	20.41	20.45	20.41	20.46	20.36		
DS1R	1	322	256	20.45	20.47	20.47	20.47	20.47		
HQ4M	1	0	0	20.51.5	20.59	20.59	20.50	20.47		
HQ4M	1	46	33	20.48	20.11	20.44	20.39	20.34	21.1	0
HQ4M	1	92	66	20.51.5	20.50	20.37	20.40	20.46		
HQ4M	1	138	102	20.47	20.44	20.41	20.41	20.46		
HQ4M	1	184	138	20.48	20.55	20.44	20.45	20.46		
HQ4M	1	230	174	20.53	20.55	20.44	20.45	20.46	21.1	0
HQ4M	1	276	210	20.49	20.46	20.45	20.46	20.46		
HQ4M	1	322	256	20.53	20.55	20.45	20.46	20.46		
HQ4M	1	368	302	20.49	20.46	20.45	20.46	20.46	21.1	0
HQ4M	1	414	348	20.53	20.55	20.45	20.46	20.46		
HQ4M	1	460	394	20.49	20.46	20.45	20.46	20.46		
HQ4M	1	506	440	20.53	20.55	20.45	20.46	20.46	21.1	0
HQ4M	1	552	486	20.49	20.46	20.45	20.46	20.46		
HQ4M	1	598	532	20.53	20.55	20.45	20.46	20.46		
HQ4M	1	644	578	20.49	20.46	20.45	20.46	20.46	21.1	0
Channel										
DS1R	1	0	0	20.21	20.27	20.24	20.22	20.17		
DS1R	1	46	33	20.21	20.28	20.26	20.24	20.25	21.1	0
DS1R	1	92	66	20.22	20.28	20.31	20.29	20.29		
DS1R	1	138	102	20.23	20.31	20.31	20.29	20.31		
DS1R	1	184	138	20.24	20.29	20.29	20.28	20.28	21.1	0
DS1R	1	230	174	20.26	20.29	20.34	20.34	20.30		
DS1R	1	276	210	20.28	20.30	20.34	20.34	20.30		
HQ4M	1	0	0	20.30	20.36	20.29	20.29	20.47		
HQ4M	1	46	33	20.30	20.43	20.36	20.36	20.41	21.1	0
HQ4M	1	92	66	20.31	20.42	20.37	20.34	20.40		
HQ4M	1	138	102	20.33	20.42	20.41	20.41	20.41		
HQ4M	1	184	138	20.34	20.42	20.43	20.42	20.42		
HQ4M	1	230	174	20.35	20.42	20.44	20.44	20.44	21.1	0
HQ4M	1	276	210	20.36	20.45	20.44	20.44	20.44		
HQ4M	1	322	256	20.38	20.45	20.44	20.44	20.44		
HQ4M	1	368	302	20.39	20.45	20.44	20.44	20.44	21.1	0
HQ4M	1	414	348	20.40	20.45	20.44	20.44	20.44		
HQ4M	1	460	394	20.41	20.45	20.44	20.44	20.44		
HQ4M	1	506	440	20.42	20.45	20.44	20.44	20.44	21.1	0
HQ4M	1	552	486	20.43	20.45	20.44	20.44	20.44		
HQ4M	1	598	532	20.44	20.45	20.44	20.44	20.44		
HQ4M	1	644	578	20.45	20.45	20.44	20.44	20.44	21.1	0
Channel										
DS1R	1	0	0	20.12	20.17	20.15	20.10	20.14		
DS1R	1	46	33	20.12	20.18	20.16	20.14	20.15	21.1	0
DS1R	1	92	66	20.13	20.24	20.24	20.23	20.23		
DS1R	1	138	102	20.15	20.22	20.24	20.24	20.24		
DS1R	1	184	138	20.17	20.24	20.24	20.23	20.23	21.1	0
DS1R	1	230	174	20.19	20.24	20.24	20.23	20.23		
DS1R	1	276	210	20.21	20.27	20.27	20.25	20.25		
DS1R	1	322	256	20.24	20.27	20.27	20.25	20.25		
DS1R	1	368	302	20.26	20.27	20.27	20.25	20.25	21.1	0
DS1R	1	414	348	20.28	20.27	20.27	20.25	20.25		
DS1R	1	460	394	20.29	20.27	20.27	20.25	20.25		
DS1R	1	506	440	20.31	20.27	20.27	20.25	20.25	21.1	0
DS1R	1	552	486	20.32	20.27	20.27	20.25	20.25		
DS1R	1	598	532	20.33	20.27	20.27	20.25	20.25		
DS1R	1	644	578	20.34	20.27	20.27	20.25	20.25	21.1	0
HQ4M	1	0	0	20.12	20.18	20.16	20.10	20.14		
HQ4M	1	46	33	20.13	20.17	20.16	20.14	20.15	21.1	0
HQ4M	1	92	66	20.15	20.22	20.24	20.24	20.24		
HQ4M	1	138	102	20.17	20.24	20.24	20.23	20.23		
HQ4M	1	184	138	20.19	20.24	20.24	20.23	20.23	21.1	0
HQ4M	1	230	174	20.21	20.27	20.27	20.25	20.25		
HQ4M	1	276	210	20.23	20.27	20.27	20.25	20.25		
HQ4M	1	322	256	20.25	20.27	20.27	20.25	20.25	21.1	0
HQ4M	1	368	302	20.27	20.27	20.27	20.25	20.25		
HQ4M	1	414	348	20.28	20.27	20.27	20.25	20.25		
HQ4M	1	460	394	20.29	20.27	20.27	20.25	20.25	21.1	0
HQ4M	1	506	440	20.31	20.27	20.27	20.25	20.25		
HQ4M	1	552	486	20.32	20.27	20.27	20.25	20.25		
HQ4M	1	598	532	20.33	20.27	20.27	20.25	20.25	21.1	0
HQ4M	1	644	578	20.34	20.27	20.27	20.25	20.25		

Band 41_Ant 1_DSI 5										
RF Band	Modulation	RF Size	RF Offset	Power Low Ch (Freq)	Power Low Mid Ch (Freq)	Power High Mid Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-on time (dBm)	WPRM (dB)
Channel										
Frequency (MHz)										
20	OFDM	1		17.95	18.16	18.31	18.16	18.31		
20	OFDM	1	49	18.20	18.20	18.20	18.20	18.20	19.1	0
20	OFDM	1	99	18.05	18.05	18.12	18.12	18.12		
20	OFDM	50	0	18.13	18.20	18.20	18.20	18.20		
20	OFDM	50	50	18.13	18.33	18.47	18.47	18.47	19.1	0
20	OFDM	50	100	18.13	18.33	18.42	18.42	18.42		
20	OFDM	100	0	18.05	18.05	18.12	18.12	18.12		
20	OFDM	100	50	18.05	18.25	18.38	18.38	18.38	19.1	0
20	OFDM	100	100	18.05	18.25	18.38	18.38	18.38		
20	OFDM	50	0	18.03	18.25	18.42	18.24	18.27		
20	OFDM	50	50	18.03	18.45	18.58	18.46	18.49	19.1	0
20	OFDM	50	100	18.14	18.38	18.49	18.24	18.24		
20	OFDM	100	0	18.03	18.25	18.42	18.24	18.24		
20	OFDM	100	50	18.14	18.38	18.49	18.24	18.24	19.1	0
20	OFDM	100	100	18.03	18.25	18.42	18.24	18.24		
20	OFDM	50	0	17.71	17.90	18.13	17.84	18.01		
20	OFDM	50	50	17.80	17.92	18.12	17.89	18.03	19.1	0
20	OFDM	50	100	17.82	18.08	18.25	17.97	18.08		
20	OFDM	100	0	17.82	18.08	18.25	17.97	18.08		
20	OFDM	100	50	17.82	18.25	18.40	18.03	18.17	19.1	0
20	OFDM	100	100	18.20	18.41	18.49	18.29	18.29		
20	OFDM	50	0	17.15	17.35	17.49	17.27	17.33		
20	OFDM	50	50	17.21	17.39	17.47	17.25	17.25	19.1	0
20	OFDM	50	100	17.23	17.49	17.58	17.37	17.37		
20	OFDM	100	0	17.23	17.49	17.58	17.37	17.37		
20	OFDM	100	50	17.23	17.68	17.82	17.47	17.47	19.1	0
20	OFDM	100	100	17.23	17.68	17.82	17.47	17.47		
20	OFDM	50	0	17.85	17.93	18.00	17.84	17.85		
20	OFDM	50	50	17.85	17.93	18.00	17.91	17.91	19.1	0
20	OFDM	50	100	17.85	17.93	18.00	17.91	17.91		
20	OFDM	100	0	17.85	17.93	18.00	17.84	17.85		
20	OFDM	100	50	17.85	17.93	18.00	17.84	17.85	19.1	0
20	OFDM	100	100	17.85	17.93	18.00	17.84	17.85		
20	OFDM	50	0	17.85	17.93	18.00	17.84	17.85		
20	OFDM	50	50	17.85	17.93	18.00	17.84	17.85	19.1	0
20	OFDM	50	100	17.85	17.93	18.00	17.84	17.85		
20	OFDM	100	0	17.85	17.93	18.00	17.84	17.85		
20	OFDM	100	50	17.85	17.93	18.00	17.84	17.85	19.1	0
20	OFDM	100	100	17.85	17.93	18.00	17.84	17.85		
20	OFDM	50	0	17.85	17.93	18.00	17.84	17.85		
20	OFDM	50	50	17.85	17.93	18.00	17.84	17.85	19.1	0
20	OFDM	50	100	17.85	17.93	18.00	17.84	17.85		
20	OFDM	100								

Band 41_Ant 2 DSI 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Low Mid. Freq.	Power High Ch. Freq.	Power High Mid. Freq.	Turn-up time (dB)	MPE (dB)		
Channel											
Frequency (MHz)				2503.5	2544.5	2593	2637.5	2682.5			
20	QPSK	1	0	18.03	18.03	17.99	17.99	18.03	19.8	0	
20	QPSK	1	60	18.03	17.99	17.99	17.99	18.03			
20	QPSK	50	24	17.99	17.99	18.03	17.99	18.03			
20	QPSK	50	0	18.03	17.99	18.03	18.03	18.03			
20	QPSK	1	60	18.03	17.99	17.99	17.99	18.03	19.8	0	
20	QPSK	50	24	17.99	17.99	18.03	17.99	18.03			
20	QPSK	50	0	18.03	17.99	18.03	18.03	18.03			
20	QPSK	100	0	18.03	17.99	17.99	18.03	18.03			
20	16QAM	1	60	17.99	18.03	18.03	17.99	17.99	19.8	0	
20	16QAM	1	90	17.99	18.03	18.03	17.99	17.99			
20	16QAM	50	0	17.99	17.99	17.99	18.03	17.99			
20	16QAM	50	60	17.99	18.03	17.99	17.99	17.99			
20	16QAM	1	90	17.99	18.03	18.03	17.99	17.99	19.8	0	
20	16QAM	50	0	17.99	17.99	17.99	18.03	17.99			
20	16QAM	50	60	17.99	18.03	17.99	17.99	17.99			
20	16QAM	100	0	17.99	17.99	17.99	17.99	17.99			
20	16QAM	100	0	17.99	17.99	17.99	17.99	17.99	19.8	0	
20	16QAM	100	60	17.99	18.03	18.03	17.99	17.99			
20	16QAM	100	90	18.03	18.03	17.99	17.99	17.99			
20	16QAM	100	0	18.03	17.99	17.99	17.99	17.99			
20	16QAM	100	60	18.03	18.03	17.99	17.99	17.99			
Channel											
Frequency (MHz)				2503.5	2544.5	2593	2637.5	2682.5			
15	QPSK	1	0	18.03	18.03	18.03	17.99	17.99	19.8	0	
15	QPSK	1	30	17.99	18.03	17.99	17.99	18.03			
15	QPSK	1	74	17.99	18.03	18.03	17.99	17.99			
15	QPSK	36	0	18.03	18.03	18.03	17.99	18.03			
15	QPSK	36	30	17.99	18.03	17.99	17.99	18.03	19.8	0	
15	QPSK	36	74	17.99	18.03	17.99	17.99	18.03			
15	QPSK	36	90	17.99	18.03	17.99	17.99	18.03			
15	QPSK	90	0	17.99	18.03	17.99	17.99	17.99			
15	16QAM	1	0	17.99	18.03	18.03	18.03	17.99	19.8	0	
15	16QAM	1	74	17.99	18.03	17.99	18.03	18.03			
15	16QAM	36	30	17.99	18.03	17.99	18.03	17.99			
15	16QAM	36	90	17.99	18.03	17.99	17.99	17.99			
15	16QAM	75	0	18.03	17.99	17.99	18.03	17.99	19.8	0	
15	16QAM	75	30	17.99	18.03	18.03	17.99	17.99			
15	16QAM	75	74	17.99	18.03	17.99	17.99	17.99			
15	16QAM	75	90	18.03	18.03	17.99	17.99	17.99			
15	16QAM	1	30	17.99	18.03	18.03	18.03	18.03	19.8	0	
15	16QAM	1	74	17.99	18.03	17.99	18.03	18.03			
15	16QAM	36	0	17.99	18.03	17.99	17.99	17.99			
15	16QAM	36	0	17.99	18.03	17.99	17.99	17.99			
15	16QAM	36	30	17.99	18.03	18.03	18.03	18.03			
15	16QAM	36	30	17.99	18.03	18.03	18.03	18.03			
15	16QAM	36	30	17.99	18.03	18.03	18.03	18.03			
15	16QAM	36	30	17.99	18.03	18.03	18.03	18.03			
Channel											
Frequency (MHz)				2503.5	2544.5	2593	2637.5	2682.5			
10	QPSK	1	0	18.03	17.99	18.03	17.99	17.99	19.8	0	
10	QPSK	1	24	18.03	18.03	17.99	17.99	17.99			
10	QPSK	1	48	17.99	18.03	17.99	17.99	18.03			
10	QPSK	25	12	17.99	17.99	17.99	17.99	17.99			
10	QPSK	25	0	18.03	17.99	17.99	17.99	17.99	19.8	0	
10	QPSK	50	0	17.99	18.03	18.03	17.99	18.03			
10	16QAM	1	0	17.99	18.03	18.03	18.03	17.99			
10	16QAM	1	24	17.99	18.03	18.03	17.99	17.99			
10	16QAM	25	0	17.99	17.99	17.99	18.03	17.99	19.8	0	
10	16QAM	25	24	18.03	18.03	17.99	17.99	17.99			
10	16QAM	25	48	17.99	18.03	17.99	17.99	17.99			
10	16QAM	25	12	17.99	18.03	17.99	17.99	17.99			
10	16QAM	25	0	18.03	18.03	17.99	17.99	17.99	19.8	0	
10	16QAM	25	24	18.03	18.03	17.99	17.99	17.99			
10	16QAM	25	48	17.99	18.03	17.99	17.99	17.99			
10	16QAM	25	12	17.99	18.03	17.99	17.99	17.99			
10	16QAM	25	12	17.99	18.03	17.99	17.99	17.99			
Channel											
Frequency (MHz)				2503.5	2544.5	2593	2637.5	2682.5			
5	QPSK	1	0	18.03	17.99	18.03	17.99	17.99	19.8	0	
5	QPSK	1	12	18.03	17.99	17.99	18.03	18.03			
5	QPSK	1	24	17.99	18.03	17.99	17.99	17.99			
5	QPSK	12	0	17.99	18.03	17.99	17.99	17.99			
5	QPSK	12	0	18.03	17.99	17.99	17.99	17.99	19.8	0	
5	QPSK	12	12	17.99	18.03	18.03	17.99	17.99			
5	QPSK	25	12	17.99	18.03	18.03	17.99	17.99			
5	QPSK	25	0	18.03	17.99	17.99	17.99	17.99			
5	QPSK	1	12	18.03	17.99	17.99	18.03	18.03	19.8	0	
5	QPSK	1	24	17.99	18.03	17.99	17.99	17.99			
5	QPSK	12	0	17.99	18.03	17.99	17.99	17.99			
5	QPSK	12	12	17.99	18.03	18.03	17.99	17.99			
5	16QAM	1	12	17.99	18.03	18.03	18.03	17.99	19.8	0	
5	16QAM	1	24	17.99	18.03	18.03	17.99	17.99			
5	16QAM	12	0	18.03	18.03	17.99	17.99	17.99			
5	16QAM	12	0	17.99	18.03	17.99	17.99	17.99			
5	16QAM	25	0	17.99	17.99	17.99	18.03	17.99	19.8	0	
5	16QAM	25	12	17.99	18.03	18.03	17.99	17.99			
5	16QAM	25	24	17.99	18.03	17.99	17.99	17.99			
5	16QAM	25	12	17.99	18.03	17.99	17.99	17.99			
5	16QAM	12	0	18.03	18.03	17.99	17.99	17.99	19.8	0	
5	16QAM	12	0	17.99	18.03	18.03	17.99	17.99			
5	16QAM	12	12	17.99	18.03	17.99	17.99	17.99			
5	16QAM	12	12	17.99	18.03	17.99	17.99	17.99			

Band 41_Ant 2 DSI 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Low Mid. Freq.	Power High Ch. Freq.	Power High Mid. Freq.	Turn-up time (dB)	MPE (dB)		
Channel											
Frequency (MHz)				3670	4016	4060	4105	4140			
20	QPSK	1	0	18.03	18.03	18.03	18.03	18.03	21	0	
20	QPSK	1	60	18.03	18.03	18.03	18.03	18.03			
20	QPSK	1	90	18.03	18.03	18.03	18.03	18.03			
20	QPSK	50	24	18.03	18.03	18.03	18.03	18.03			
20	QPSK	50	0	18.03	18.03	18.03	18.03	18.03	21	0	
20	QPSK	50	60	18.03	18.03	18.03	18.03	18.03			
20	QPSK	50	90	18.03	18.03	18.03	18.03	18.03			
20	QPSK	100	0	18.03	18.03	18.03	18.03	18.03			
20	16QAM	1	60	18.03	18.03	18.03	18.03	18.03	21	0	
20	16QAM	1	90	18.03	18.03	18.03	18.03	18.03			
20	16QAM	50	0	18.03	18.03	18.03	18.03	18.03			
20	16QAM	50	60	18.03	18.03	18.03	18.03	18.03			
20	16QAM	50	90	18.03	18.03	18.03	18.03	18.03	20	1	
20	16QAM	100	0	18.03	18.03	18.03	18.03	18.03			
20	16QAM	100	0	18.03	18.03	18.03	18.03	18.03			
20	16QAM	100	0	18.03	18.03	18.03	18.03	18.03			
Frequency (MHz)				3670	4016	4060	4105	4140			
10	QPSK	1	0	18.03	18.03	18.03	18.03	18.03	21	0	
10	QPSK	1	30	18.03	18.03	18.03	18.03	18.03			
10	QPSK	1	60	18.03	18.03	18.03	18.03	18.03			
10	QPSK	36	0	18.03	18.03	18.03	18.03	18.03			
10	QPSK	36	0	18.03	18.03	18.03	18.03	18.03	21	0	
10	QPSK	36	30	18.03	18.03	18.03	18.03	18.03			
10	QPSK	36	60	18.03	18.03	18.03	18.03	18.03			
10	QPSK	36	90	18.03	18.03	18.03	18.03	18.03			
10	16QAM	1	30	18.03	18.03	18.03	18.03	18.03	21	0	
10	16QAM	1	60	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	0	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	30	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	60	18.03	18.03	18.03	18.03	18.03	21	0	
10	16QAM	36	90	18.03	18.03	18.03	18.03	18.03			
10	16QAM	72	0	18.03	18.03	18.03	18.03	18.03			
10	16QAM	72	30	18.03	18.03	18.03	18.03	18.03			
10	16QAM	1	60	18.03	18.03	18.03	18.03	18.03	21	0	
10	16QAM	1	90	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	0	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	30	18.03	18.03	18.03	18.03	18.03			
10	16QAM	36	60	18.03	18.03	18.03	18.03	18.03	20	1	
10	16QAM	36	90	18.03	18.03	18.03	18.03	18.03			
10	16QAM	72	0	18.03	18.03	18.03	18.03	18.03			
10	16QAM	72	30	18.03	18.03	18.03	18.03	18.03			
Frequency (MHz)				3670	4016	4060	4105	4140			
5	QPSK	1	0	18.03	18.03	18.03	18.03	18.03	21	0	
5	QPSK	1	30	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	0	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	30	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	0	18.03	18.03	18.03	18.03	18.03	21	0	
5	QPSK	25	30	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	60	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	90	18.03	18.03	18.03	18.03	18.03			
5	16QAM	1	30	18.03	18.03	18.03	18.03	18.03	21	0	
5	16QAM	1	60	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	30	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	60	18.03	18.03	18.03	18.03	18.03	21	0	
5	16QAM	12	90	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	30	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	60	18.03	18.03	18.03	18.03	18.03	20	1	
5	16QAM	25	90	18.03	18.03	18.03	18.03	18.03			
5	16QAM	50	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	50	30	18.03	18.03	18.03	18.03	18.03			
Frequency (MHz)				3670	4016	4060	4105	4140			
5	QPSK	1	0	18.03	18.03	18.03	18.03	18.03	21	0	
5	QPSK	1	30	18.03	18.03	18.03	18.03	18.03			
5	QPSK	12	0	18.03	18.03	18.03	18.03	18.03			
5	QPSK	12	30	18.03	18.03	18.03	18.03	18.03			
5	QPSK	12	60	18.03	18.03	18.03	18.03	18.03	21	0	
5	QPSK	12	90	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	0	18.03	18.03	18.03	18.03	18.03			
5	QPSK	25	30	18.03	18.03	18.03	18.03	18.03			
5	16QAM	1	30	18.03	18.03	18.03	18.03	18.03	21	0	
5	16QAM	1	60	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	30	18.03	18.03	18.03	18.03	18.03			
5	16QAM	12	60	18.03	18.03	18.03	18.03	18.03	21	0	
5	16QAM	12	90	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	30	18.03	18.03	18.03	18.03	18.03			
5	16QAM	25	60	18.03	18.03	18.03	18.03	18.03	20	1	
5	16QAM	25	90	18.03	18.03	18.03	18.03	18.03			
5	16QAM	50	0	18.03	18.03	18.03	18.03	18.03			
5	16QAM	50	30	18.03	18.03	18.03	18.03	18.03			

n5_Ant 1 DSI 2&4&6&3&5										
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				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				834	836.5	839				
20	PI2 BPSK	1	1	23.18	23.21	23.13	24.0	0.0		
20	PI2 BPSK	1	53	23.13	23.16	23.09				
20	PI2 BPSK	1	104	23.05	23.06	23.09				
20	PI2 BPSK	50	0	23.01	23.09	23.01	24.0	0.0		
20	PI2 BPSK	50	28	22.96	23.04	22.96				
20	PI2 BPSK	50	56	22.96	23.02	22.96				
20	PI2 BPSK	100	0	21.19	22.99	21.22	23.5	0.5		
20	QPSK	1	1	23.09	23.22	23.06	24.0	0.0		
20	QPSK	1	53	23.10	23.24	23.06				
20	QPSK	1	104	23.01	23.13	23.01				
20	QPSK	50	0	22.93	23.01	22.96	24.0	0.0		
20	QPSK	50	28	22.94	23.05	22.87				
20	QPSK	50	56	22.94	22.98	22.91				
20	QPSK	100	0	22.86	22.93	22.88	23.0	1.0		
20	16QAM	1	1	22.85	22.96	22.79	23.0	1.0		
20	16QAM	1	53	22.75	22.79	22.61				
20	16QAM	1	104	22.67	22.62	22.59				
20	16QAM	50	0	22.48	22.48	22.52	23.0	1.0		
20	16QAM	50	28	22.35	22.30	22.50				
20	16QAM	50	56	22.29	22.23	22.31				
20	16QAM	100	0	21.19	21.11	21.21	22.0	2.0		
20	64QAM	1	1	21.29	21.44	21.35	21.5	2.5		
20	64QAM	1	53	21.09	21.29	21.23				
20	64QAM	1	104	21.01	21.12	21.16				
20	64QAM	50	0	20.92	20.93	21.16	21.5	2.5		
20	64QAM	50	28	20.92	20.93	21.13				
20	64QAM	50	56	20.81	20.93	21.07				
20	64QAM	100	0	20.81	20.83	21.05	21.5	2.5		
20	256QAM	1	1	19.18	19.41	19.29	19.5	4.5		
20	256QAM	1	53	19.13	19.24	19.11				
20	256QAM	1	104	19.02	19.07	18.97				
20	256QAM	50	0	18.83	19.06	18.87	19.5	4.5		
20	256QAM	50	28	18.80	18.94	18.67				
20	256QAM	50	56	18.72	18.84	18.56				
20	256QAM	100	0	18.70	18.69	18.41	19.5	4.5		
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				831.5	836.5	841.5				
15	PI2 BPSK	1	1	23.27	23.12	23.08	24.0	0.0		
15	QPSK	1	1	23.08	23.24	23.12	24.0	0.0		
15	16QAM	1	1	22.23	22.33	22.21	23.0	1.0		
15	16QAM	1	40	22.18	22.20	22.20				
15	16QAM	1	77	22.18	22.13	22.18				
15	16QAM	36	0	22.20	22.14	22.11	23.0	1.0		
15	16QAM	36	22	22.21	22.14	22.02				
15	16QAM	36	43	22.15	22.23	22.06				
15	16QAM	75	0	21.55	21.77	21.56	22.0	2.0		
15	64QAM	1	1	21.01	21.11	21.05	21.5	2.5		
15	64QAM	1	40	20.98	21.05	20.90				
15	64QAM	1	77	20.99	20.94	20.99				
15	64QAM	36	0	20.97	21.07	20.85	21.5	2.5		
15	64QAM	36	22	20.90	20.94	20.91				
15	64QAM	36	43	20.95	21.09	20.91				
15	64QAM	75	0	20.92	21.08	20.96	21.5	2.5		
15	256QAM	1	1	18.88	18.96	18.95	19.5	4.5		
15	256QAM	1	40	18.84	18.88	18.81				
15	256QAM	1	77	18.86	18.85	18.89				
15	256QAM	36	0	18.80	18.87	18.80	19.5	4.5		
15	256QAM	36	22	18.88	18.95	18.86				
15	256QAM	36	43	18.85	18.90	18.89				
15	256QAM	75	0	18.85	18.85	18.83	19.5	4.5		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				829	836.5	844				
10	PI2 BPSK	1	1	23.11	22.98	23.10	24.0	0.0		
10	PI2 BPSK	1	26	23.10	22.90	22.97				
10	PI2 BPSK	1	50	22.98	22.86	22.94				
10	PI2 BPSK	25	0	22.97	22.93	23.10	24.0	0.0		
10	PI2 BPSK	25	14	22.98	22.94	22.96				
10	PI2 BPSK	25	27	22.91	22.82	22.95				
10	PI2 BPSK	50	0	22.31	22.22	22.34	23.5	0.5		
10	QPSK	1	1	23.05	22.90	23.04	24.0	0.0		
10	QPSK	1	26	23.03	22.72	22.88				
10	QPSK	1	50	22.96	22.73	23.00				
10	QPSK	25	0	23.05	22.76	23.02	24.0	0.0		
10	QPSK	25	14	22.93	22.74	22.99				
10	QPSK	25	27	23.04	22.77	22.92				
10	QPSK	50	0	22.01	21.67	21.88	23.0	1.0		
10	16QAM	1	1	22.28	22.79	22.20	23.0	1.0		
10	16QAM	1	26	22.12	22.72	22.16				
10	16QAM	1	50	22.08	22.72	22.10				
10	16QAM	25	0	22.17	22.74	22.12	23.0	1.0		
10	16QAM	25	14	22.22	22.73	22.10				
10	16QAM	25	27	22.25	22.73	22.01				
10	16QAM	50	0	21.14	21.72	20.99	22.0	2.0		
10	64QAM	1	1	20.93	21.38	21.03	21.5	2.5		
10	64QAM	1	26	20.84	21.36	20.84				
10	64QAM	1	50	20.85	21.34	20.84				
10	64QAM	25	0	20.87	21.31	21.01	21.5	2.5		
10	64QAM	25	14	20.76	21.19	20.97				
10	64QAM	25	27	20.80	21.34	20.95				
10	64QAM	50	0	20.76	21.35	20.85	21.5	2.5		
10	256QAM	1	1	18.78	18.97	19.04	19.5	4.5		
10	256QAM	1	26	18.68	18.93	18.87				
10	256QAM	1	50	18.63	18.91	18.96				
10	256QAM	25	0	18.69	18.84	18.93	19.5	4.5		
10	256QAM	25	14	18.77	18.88	19.04				
10	256QAM	25	27	18.60	18.93	18.96				
10	256QAM	50	0	18.62	18.95	18.93	19.5	4.5		

n5_Ant 2 DSI 2&4&6&3&5									
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				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.90	23.92	23.80	24.0	0.0	
20	PI2 BPSK	1	53	23.88	23.84	23.72			
20	PI2 BPSK	1	104	23.86	23.75	23.68			
20	PI2 BPSK	50	0	23.67	23.77	23.68	24.0	0.0	
20	PI2 BPSK	50	28	23.70	23.73	23.63			
20	PI2 BPSK	50	56	23.63	23.16	23.63			
20	PI2 BPSK	100	0	22.02	22.04	21.98	23.5	0.5	
20	QPSK	1	1	21.91	21.79	21.75	24.0	0.0	
20	QPSK	1	53	23.15	23.27	22.92			
20	QPSK	1	104	21.45	21.35	21.36			
20	QPSK	50	0	22.61	22.66	22.77	24.0	0.0	
20	QPSK	50	28	23.61	23.80	23.84			
20	QPSK	50	56	22.82	22.65	22.71			
20	QPSK	100	0	22.64	22.70	22.75	23.0	1.0	
20	16QAM	1	1	20.82	20.68	20.92	23.0	1.0	
20	16QAM	1	53	20.73	20.62	20.83			
20	16QAM	1	104	20.73	20.61	20.81			
20	16QAM	50	0	20.77	20.49	20.92	23.0	1.0	
20	16QAM	50	28	20.77	20.55	20.72			
20	16QAM	50	56	20.82	20.52	20.83			
20	16QAM	100	0	19.86	19.61	19.84	22.0	2.0	
20	64QAM	1	1	20.75	20.65	20.80	21.5	2.5	
20	64QAM	1	53	20.55	20.64	20.63			
20	64QAM	1	104	20.58	20.62	20.75			
20	64QAM	50	0	20.74	20.61	20.68	21.5	2.5	
20	64QAM	50	28	20.66	20.65	20.73			
20	64QAM	50	56	20.72	20.52	20.78			
20	64QAM	100	0	20.65	20.56	20.66	21.5	2.5	
20	256QAM	1	1	18.68	18.39	18.83	19.5	4.5	
20	256QAM	1	53	18.55	18.28	18.67			
20	256QAM	1	104	18.63	18.39	18.67			
20	256QAM	50	0	18.64	18.25	18.65	19.5	4.5	
20	256QAM	50	28	18.62	18.20	18.81			
20	256QAM	50	56	18.57	18.36	18.73			
20	256QAM	100	0	18.50	18.29	18.66	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	23.95	23.85	23.87	24.0	0.0	
15	QPSK	1	1	23.88	23.78	23.91	24.0	0.0	
15	16QAM	1	1	22.73	22.71	22.65	23.0	1.0	
15	16QAM	1	40	22.62	22.66	22.65			
15	16QAM	1	77	22.66	22.61	22.45			
15	16QAM	36	0	22.56	22.54	22.53	23.0	1.0	
15	16QAM	36	22	22.84	22.60	22.50			
15	16QAM	36	43	22.61	22.70	22.50			
15	16QAM	75	0	21.57	21.47	21.46	22.0	2.0	
15	64QAM	1	1	21.25	21.22	21.20	21.5	2.5	
15	64QAM	1	40	21.23	21.22	21.05			
15	64QAM	1	77	21.18	21.14	21.17			
15	64QAM	36	0	21.17	21.13	21.20	21.5	2.5	
15	64QAM	36	22	21.14	21.13	21.06			
15	64QAM	36	43	21.18	21.13	21.18			
15	64QAM	75	0	21.13	21.12	21.05	21.5	2.5	
15	256QAM	1	1	19.28	19.13	19.15	19.5	4.5	
15	256QAM	1	40	19.23	19.04	19.14			
15	256QAM	1	77	19.13	19.09	19.11			
15	256QAM	36	0	19.10	18.96	19.01	19.5	4.5	
15	256QAM	36	22	19.16	19.13	19.04			
15	256QAM	36	43	19.26	19.06	19.15			
15	256QAM	75	0	19.21	18.96	19.00	19.5	4.5	
Channel				165800	167300	168800	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI2 BPSK	1	1	23.75	23.62	23.70	24.0	0.0	
10	PI2 BPSK	1	26	23.56	23.50	23.55			
10	PI2 BPSK	1	50	23.71	23.54	23.50			
10	PI2 BPSK	25	0	23.63	23.56	23.51	24.0	0.0	
10	PI2 BPSK	25	14	23.61	23.62	23.50			
10	PI2 BPSK	25	27	23.62	23.59	23.66			
10	PI2 BPSK	50	0	23.19	23.01	23.14	23.5	0.5	
10	QPSK	1	1	23.71	23.53	23.62	24.0	0.0	
10	QPSK	1	26	23.58	23.45	23.59			
10	QPSK	1	50	23.65	23.40	23.49			
10	QPSK	25	0	23.57	23.37	23.54	24.0	0.0	
10	QPSK	25	14	23.64	23.45	23.42			
10	QPSK	25	27	23.63	23.33	23.62			
10	QPSK	50	0	22.52	22.34	22.53	23.0	1.0	
10	16QAM	1	1	22.49	22.49	22.55	23.0	1.0	
10	16QAM	1	26	22.49	22.43	22.38			
10	16QAM	1	50	22.46	22.37	22.50			
10	16QAM	25	0	22.39	22.40	22.46	23.0	1.0	
10	16QAM	25	14	22.45	22.30	22.39			
10	16QAM	25	27	22.34	22.40	22.35			
10	16QAM	50	0	21.35	21.34	21.39	22.0	2.0	
10	64QAM	1	1	21.11	21.01	21.25	21.5	2.5	
10	64QAM	1	26	20.96	20.98	21.23			
10	64QAM	1	50	21.10	20.87	21.25			
10	64QAM	25	0	20.99	20.87	21.09	21.5	2.5	
10	64QAM	25	14	20.93	20.98	21.06			
10	64QAM	25	27	20.97	20.99	21.07			
10	64QAM	50	0	20.96	20.82	21.24	21.5	2.5	
10	256QAM	1	1	19.04	18.92	18.95	19.5	4.5	
10	256QAM	1	26	18.93	18.77	18.88			
10	256QAM	1	50	18.84	18.75	18.89			
10	256QAM	25	0	18.88	18.77	18.77	19.5	4.5	
10	256QAM	25	14	18.86	18.90	18.75			
10	256QAM	25	27	19.01	18.90	18.76			
10	256QAM	50	0	18.94	18.88	18.94	19.5	4.5	

Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.29	23.09	23.07	24.0	0.0
5	PI/2 BPSK	1	13	23.14	22.91	22.91		
5	PI/2 BPSK	1	23	23.23	22.92	22.88		
5	PI/2 BPSK	12	0	23.21	22.90	22.90	24.0	0.0
5	PI/2 BPSK	12	7	23.16	22.90	22.98		
5	PI/2 BPSK	12	13	23.16	23.09	23.02		
5	PI/2 BPSK	25	0	22.77	22.49	22.33	23.5	0.5
5	QPSK	1	1	23.08	23.02	23.11	24.0	0.0
5	QPSK	1	13	22.98	23.02	23.01		
5	QPSK	1	23	22.96	23.00	23.09		
5	QPSK	12	0	23.05	22.96	23.02	24.0	0.0
5	QPSK	12	7	22.96	23.00	23.04		
5	QPSK	12	13	23.02	22.90	23.04		
5	QPSK	25	0	22.05	21.88	22.01	23.0	1.0
5	16QAM	1	1	22.28	22.93	22.19	23.0	1.0
5	16QAM	1	13	22.12	22.89	22.06		
5	16QAM	1	23	22.14	22.75	22.01		
5	16QAM	12	0	22.13	22.88	22.08	23.0	1.0
5	16QAM	12	7	22.17	22.89	22.14		
5	16QAM	12	13	22.27	22.87	21.99		
5	16QAM	25	0	21.22	21.78	20.99	22.0	2.0
5	64QAM	1	1	20.83	21.39	21.01	21.5	2.5
5	64QAM	1	13	20.80	21.31	21.00		
5	64QAM	1	23	20.77	21.28	20.93		
5	64QAM	12	0	20.83	21.33	20.83	21.5	2.5
5	64QAM	12	7	20.68	21.32	20.93		
5	64QAM	12	13	20.67	21.31	20.84		
5	64QAM	25	0	20.82	21.22	20.92	21.5	2.5
5	256QAM	1	1	18.70	19.04	19.02	19.5	4.5
5	256QAM	1	13	18.56	18.88	19.00		
5	256QAM	1	23	18.59	19.02	18.91		
5	256QAM	12	0	18.66	18.89	18.83	19.5	4.5
5	256QAM	12	7	18.50	18.96	18.94		
5	256QAM	12	13	18.64	19.01	18.88		
5	256QAM	25	0	18.67	18.86	18.93	19.5	4.5

Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.79	23.78	23.65	24.0	0.0
5	PI/2 BPSK	1	13	23.78	23.61	23.50		
5	PI/2 BPSK	1	23	23.76	23.66	23.57		
5	PI/2 BPSK	12	0	23.72	23.67	23.47	24.0	0.0
5	PI/2 BPSK	12	7	23.65	23.68	23.63		
5	PI/2 BPSK	12	13	23.71	23.67	23.46		
5	PI/2 BPSK	25	0	23.19	23.17	23.13	23.5	0.5
5	QPSK	1	1	23.76	23.75	23.61	24.0	0.0
5	QPSK	1	13	23.67	23.69	23.61		
5	QPSK	1	23	23.56	23.72	23.60		
5	QPSK	12	0	23.68	23.70	23.43	24.0	0.0
5	QPSK	12	7	23.70	23.63	23.56		
5	QPSK	12	13	23.58	23.67	23.51		
5	QPSK	25	0	22.71	22.78	22.58	23.0	1.0
5	16QAM	1	1	22.74	22.80	22.61	23.0	1.0
5	16QAM	1	13	22.55	22.63	22.51		
5	16QAM	1	23	22.66	22.65	22.54		
5	16QAM	12	0	22.63	22.61	22.44	23.0	1.0
5	16QAM	12	7	22.71	22.62	22.61		
5	16QAM	12	13	22.67	22.70	22.55		
5	16QAM	25	0	22.55	22.60	22.45	22.0	2.0
5	64QAM	1	1	21.28	21.23	21.05	21.5	2.5
5	64QAM	1	13	21.15	21.06	21.01		
5	64QAM	1	23	21.13	21.18	20.94		
5	64QAM	12	0	21.12	21.16	20.90	21.5	2.5
5	64QAM	12	7	21.20	21.09	21.01		
5	64QAM	12	13	21.09	21.17	20.90		
5	64QAM	25	0	21.08	21.16	20.91	21.5	2.5
5	256QAM	1	1	19.21	19.13	19.02	19.5	4.5
5	256QAM	1	13	19.11	19.13	18.95		
5	256QAM	1	23	19.17	18.98	18.93		
5	256QAM	12	0	19.14	18.97	18.99	19.5	4.5
5	256QAM	12	7	19.10	19.09	18.90		
5	256QAM	12	13	19.11	18.99	19.00		
5	256QAM	25	0	19.12	18.95	18.90	19.5	4.5

n41 for FCC_Ant 2 DSI 2&4&6									
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				506202	516598	526000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	23.42	23.80	23.79	24.0	0.0	
100	PI/2 BPSK	1	137	23.40	23.72	23.77			
100	PI/2 BPSK	1	271	23.36	23.77	23.70			
100	PI/2 BPSK	135	0	23.27	23.19	23.62	24.0	0.0	
100	PI/2 BPSK	135	69	23.21	23.73	23.52			
100	PI/2 BPSK	135	138	23.14	23.25	23.52			
100	PI/2 BPSK	270	0	23.13	23.28	23.47	23.5	0.5	
100	QPSK	1	1	23.32	23.81	23.75	24.0	0.0	
100	QPSK	1	137	23.40	23.83	23.67			
100	QPSK	1	271	23.31	23.85	23.60			
100	QPSK	135	0	23.19	22.96	23.60	24.0	0.0	
100	QPSK	135	69	23.20	23.74	23.49			
100	QPSK	135	138	23.07	22.72	22.81			
100	QPSK	270	0	22.51	22.63	22.71	23.0	1.0	
100	16QAM	1	1	22.97	22.88	22.65	23.0	1.0	
100	16QAM	1	137	22.83	22.83	22.56			
100	16QAM	1	271	22.87	22.71	22.59			
100	16QAM	135	0	22.90	22.73	22.48	23.0	1.0	
100	16QAM	135	69	22.90	22.81	22.55			
100	16QAM	135	138	22.96	22.85	22.55			
100	16QAM	270	0	21.97	21.76	21.46	22.0	2.0	
100	64QAM	1	1	21.08	21.37	21.15	21.5	2.5	
100	64QAM	1	137	20.99	21.25	21.02			
100	64QAM	1	271	21.01	21.33	21.13			
100	64QAM	135	0	21.07	21.34	21.00	21.5	2.5	
100	64QAM	135	69	21.07	21.17	20.97			
100	64QAM	135	138	20.99	21.25	21.06			
100	64QAM	270	0	20.98	21.24	20.85	21.5	2.5	
100	256QAM	1	1	19.22	19.02	18.14	19.5	4.5	
100	256QAM	1	137	19.04	18.87	18.10			
100	256QAM	1	271	19.08	18.89	18.09			
100	256QAM	135	0	19.16	18.88	18.99	19.5	4.5	
100	256QAM	135	69	19.22	18.89	19.00			
100	256QAM	135	138	19.06	18.95	19.12			
100	256QAM	270	0	18.91	18.94	18.96	19.5	4.5	
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	PI/2 BPSK	1	1	23.47	23.80	23.83	24.0	0.0	
90	PI/2 BPSK	1	120	23.33	23.79	23.75			
90	PI/2 BPSK	1	243	23.39	23.69	23.67			
90	PI/2 BPSK	120	0	23.47	23.79	23.81	24.0	0.0	
90	PI/2 BPSK	120	60	23.34	23.60	23.76			
90	PI/2 BPSK	120	120	23.32	23.65	23.71			
90	PI/2 BPSK	240	0	22.77	23.29	23.14	23.5	0.5	
90	QPSK	1	1	23.49	23.77	23.75	24.0	0.0	
90	QPSK	1	120	23.47	23.68	23.60			
90	QPSK	1	243	23.44	23.67	23.66			
90	QPSK	120	0	23.34	23.62	23.75	24.0	0.0	
90	QPSK	120	60	23.29	23.59	23.72			
90	QPSK	120	120	23.33	23.69	23.59			
90	QPSK	240	0	22.41	22.65	22.53	23.0	1.0	
90	16QAM	1	1	22.81	22.90	22.72	23.0	1.0	
90	16QAM	1	120	22.69	22.83	22.58			
90	16QAM	1	243	22.74	22.88	22.70			
90	16QAM	120	0	22.81	22.70	22.68	23.0	1.0	
90	16QAM	120	60	22.80	22.86	22.55			
90	16QAM	120	120	22.81	22.71	22.71			
90	16QAM	240	0	21.51	21.76	21.54	22.0	2.0	
90	64QAM	1	1	21.19	21.38	21.21	21.5	2.5	
90	64QAM	1	120	21.19	21.18	21.21			
90	64QAM	1	243	21.05	21.20	21.14			
90	64QAM	120	0	21.02	21.32	21.14	21.5	2.5	
90	64QAM	120	60	21.15	21.23	21.08			
90	64QAM	120	120	21.11	21.28	21.17			
90	64QAM	240	0	21.01	21.05	21.02	21.5	2.5	
90	256QAM	1	1	19.32	19.03	19.38	19.5	4.5	
90	256QAM	1	120	19.26	18.91	19.33			
90	256QAM	1	243	19.26	18.92	19.37			
90	256QAM	120	0	19.25	18.94	19.34	19.5	4.5	
90	256QAM	120	60	19.25	18.84	19.19			
90	256QAM	120	120	19.24	18.92	19.32			
90	256QAM	240	0	19.23	18.90	19.22	19.5	4.5	
Channel				507204	516598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	PI/2 BPSK	1	1	23.46	23.72	23.77	24.0	0.0	
80	PI/2 BPSK	1	109	23.43	23.67	23.73			
80	PI/2 BPSK	1	215	23.31	23.54	23.69			
80	PI/2 BPSK	108	0	23.41	23.56	23.57	24.0	0.0	
80	PI/2 BPSK	108	55	23.41	23.53	23.63			
80	PI/2 BPSK	108	109	23.40	23.56	23.65			
80	PI/2 BPSK	216	0	22.82	23.11	23.12	23.5	0.5	
80	QPSK	1	1	23.47	23.70	23.73	24.0	0.0	
80	QPSK	1	109	23.47	23.66	23.64			
80	QPSK	1	215	23.37	23.52	23.62			
80	QPSK	108	0	23.42	23.66	23.53	24.0	0.0	
80	QPSK	108	55	23.47	23.58	23.73			
80	QPSK	108	109	23.30	23.59	23.63			
80	QPSK	216	0	22.44	22.48	22.53	23.0	1.0	
80	16QAM	1	1	22.88	22.92	22.87	23.0	1.0	
80	16QAM	1	109	22.79	22.78	22.76			
80	16QAM	1	215	22.78	22.80	22.76			
80	16QAM	108	0	22.83	22.77	22.70	23.0	1.0	
80	16QAM	108	55	22.74	22.77	22.84			
80	16QAM	108	109	22.83	22.92	22.78			
80	16QAM	216	0	21.62	21.70	21.58	22.0	2.0	
80	64QAM	1	1	21.04	21.42	21.38	21.5	2.5	
80	64QAM	1	109	20.95	21.35	21.23			
80	64QAM	1	215	21.00	21.31	21.22			
80	64QAM	108	0	21.03	21.31	21.19	21.5	2.5	
80	64QAM	108	55	21.02	21.34	21.26			
80	64QAM	108	109	20.85	21.33	21.27			
80	64QAM	216	0	20.77	21.19	21.16	21.5	2.5	
80	256QAM	1	1	18.71	18.96	18.73	19.5	4.5	
80	256QAM	1	109	18.65	18.81	18.56			
80	256QAM	1	215	18.61	18.88	18.57			
80	256QAM	108	0	18.65	18.84	18.66	19.5	4.5	
80	256QAM	108	55	18.62	18.92	18.72			
80	256QAM	108	109	18.57	18.81	18.71			
80	256QAM	216	0	18.56	18.74	18.43	19.5	4.5	

Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.37	23.62	23.73	24.0	0.0
60	PI/2 BPSK	1	81	23.37	23.51	23.63		
60	PI/2 BPSK	1	160	23.24	23.42	23.72		
60	PI/2 BPSK	81	0	23.28	23.51	23.59	24.0	0.0
60	PI/2 BPSK	81	42	23.29	23.54	23.56		
60	PI/2 BPSK	81	81	23.20	23.50	23.61		
60	PI/2 BPSK	162	0	22.79	22.98	23.10	23.5	0.5
60	QPSK	1	1	23.37	23.59	23.64	24.0	0.0
60	QPSK	1	81	23.27	23.52	23.64		
60	QPSK	1	160	23.31	23.57	23.54		
60	QPSK	81	0	23.29	23.41	23.63	24.0	0.0
60	QPSK	81	42	23.18	23.47	23.60		
60	QPSK	81	81	23.19	23.55	23.60		
60	QPSK	162	0	22.10	22.35	22.54	23.0	1.0
60	16QAM	1	1	22.68	22.73	22.71	23.0	1.0
60	16QAM	1	81	22.67	22.65	22.68		
60	16QAM	1	160	22.67	22.73	22.70		
60	16QAM	81	0	22.49	22.64	22.53	23.0	1.0
60	16QAM	81	42	22.48	22.66	22.65		
60	16QAM	81	81	22.51	22.65	22.68		
60	16QAM	162	0	21.63	21.63	21.49	22.0	2.0
60	64QAM	1	1	21.35	21.22	21.28	21.5	2.5
60	64QAM	1	81	21.33	21.22	21.19		
60	64QAM	1	160	21.34	21.11	21.24		
60	64QAM	81	0	21.20	21.06	21.25	21.5	2.5
60	64QAM	81	42	21.16	21.07	21.21		
60	64QAM	81	81	21.25	21.18	21.21		
60	64QAM	162	0	21.18	21.08	21.17	21.5	2.5
60	256QAM	1	1	18.87	18.86	18.99	19.5	4.5
60	256QAM	1	81	18.73	18.66	18.79		
60	256QAM	1	160	18.79	18.82	18.99		
60	256QAM	81	0	18.71	18.78	18.88	19.5	4.5
60	256QAM	81	42	18.81	18.74	18.79		
60	256QAM	81	81	18.74	18.76	18.93		
60	256QAM	162	0	18.61	18.56	18.68	19.5	4.5
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.48	23.55	23.73	24.0	0.0
50	PI/2 BPSK	1	67	23.32	23.50	23.62		
50	PI/2 BPSK	1	131	23.45	23.50	23.54		
50	PI/2 BPSK	64	0	23.43	23.53	23.57	24.0	0.0
50	PI/2 BPSK	64	35	23.34	23.43	23.59		
50	PI/2 BPSK	64	69	23.38	23.48	23.59		
50	PI/2 BPSK	128	0	22.63	22.98	23.08	23.5	0.5
50	QPSK	1	1	23.53	23.60	23.64	24.0	0.0
50	QPSK	1	67	23.49	23.47	23.62		
50	QPSK	1	131	23.37	23.44	23.53		
50	QPSK	64	0	23.49	23.41	23.50	24.0	0.0
50	QPSK	64	35	23.46	23.59	23.63		
50	QPSK	64	69	23.34	23.45	23.59		
50	QPSK	128	0	22.29	22.35	22.61	23.0	1.0
50	16QAM	1	1	22.46	22.78	22.58	23.0	1.0
50	16QAM	1	67	22.30	22.59	22.38		
50	16QAM	1	131	22.26	22.58	22.55		
50	16QAM	64	0	22.35	22.74	22.57	23.0	1.0
50	16QAM	64	35	22.31	22.70	22.45		
50	16QAM	64	69	22.34	22.74	22.58		
50	16QAM	128	0	21.13	21.43	21.24	22.0	2.0
50	64QAM	1	1	21.08	21.22	21.31	21.5	2.5
50	64QAM	1	67	21.04	21.19	21.20		
50	64QAM	1	131	20.88	21.15	21.26		
50	64QAM	64	0	21.00	21.19	21.11	21.5	2.5
50	64QAM	64	35	21.01	21.13	21.16		
50	64QAM	64	69	20.93	21.07	21.23		
50	64QAM	128	0	20.99	21.09	21.03	21.5	2.5
50	256QAM	1	1	18.72	18.95	18.98	19.5	4.5
50	256QAM	1	67	18.52	18.91	18.95		
50	256QAM	1	131	18.54	18.81	18.81		
50	256QAM	64	0	18.71	18.89	18.87	19.5	4.5
50	256QAM	64	35	18.67	18.91	18.80		
50	256QAM	64	69	18.62	18.92	18.81		
50	256QAM	128	0	18.36	18.77	18.78	19.5	4.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.79	24.05	24.07	24.0	0.0
40	PI/2 BPSK	1	53	23.63	24.04	23.89		
40	PI/2 BPSK	1	104	23.66	23.99	23.93		
40	PI/2 BPSK	50	0	23.62	23.99	23.99	24.0	0.0
40	PI/2 BPSK	50	28	23.69	23.93	24.05		
40	PI/2 BPSK	50	56	23.66	23.90	23.92		
40	PI/2 BPSK	100	0	23.00	23.41	23.36	23.5	0.5
40	QPSK	1	1	23.82	23.99	23.95	24.0	0.0
40	QPSK	1	53	23.70	23.99	23.79		
40	QPSK	1	104	23.77	23.90	23.80		
40	QPSK	50	0	23.68	23.85	23.81	24.0	0.0
40	QPSK	50	28	23.68	23.89	23.84		
40	QPSK	50	56	23.72	23.81	23.87		
40	QPSK	100	0	22.68	22.81	22.60	23.0	1.0
40	16QAM	1	1	22.75	22.88	22.76	23.0	1.0
40	16QAM	1	53	22.56	22.80	22.59		
40	16QAM	1	104	22.65	22.71	22.66		
40	16QAM	50	0	22.61	22.85	22.61	23.0	1.0
40	16QAM	50	28	22.62	22.85	22.68		
40	16QAM	50	56	22.71	22.82	22.64		
40	16QAM	100	0	21.48	21.72	21.49	22.0	2.0
40	64QAM	1	1	21.24	21.45	21.31	21.5	2.5
40	64QAM	1	53	21.22	21.30	21.15		
40	64QAM	1	104	21.16	21.39	21.26		
40	64QAM	50	0	21.08	21.43	21.29	21.5	2.5
40	64QAM	50	28	21.05	21.31	21.24		
40	64QAM	50	56	21.04	21.37	21.28		
40	64QAM	100	0	21.09	21.22	21.12	21.5	2.5
40	256QAM	1	1	19.18	19.26	19.27	19.5	4.5
40	256QAM	1	53	19.08	19.22	19.26		
40	256QAM	1	104	19.01	19.14	19.26		
40	256QAM	50	0	19.05	19.21	19.17	19.5	4.5
40	256QAM	50	28	19.15	19.06	19.15		
40	256QAM	50	56	19.06	19.12	19.17		
40	256QAM	100	0	18.88	19.04	19.23	19.5	4.5

Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.48	23.81	23.56	24.0	0.0
20	PI/2 BPSK	1	26	23.28	23.62	23.37		
20	PI/2 BPSK	1	49	23.30	23.68	23.51		
20	PI/2 BPSK	25	0	23.46	23.61	23.37	24.0	0.0
20	PI/2 BPSK	25	13	23.37	23.73	23.36		
20	PI/2 BPSK	25	26	23.40	23.65	23.39		
20	PI/2 BPSK	50	0	22.75	23.09	22.85	23.5	0.5
20	QPSK	1	1	23.68	23.75	23.59	24.0	0.0
20	QPSK	1	26	23.58	23.72	23.47		
20	QPSK	1	49	23.54	23.61	23.59		
20	QPSK	25	0	23.59	23.56	23.45	24.0	0.0
20	QPSK	25	13	23.66	23.68	23.49		
20	QPSK	25	26	23.62	23.58	23.45		
20	QPSK	50	0	22.53	22.71	22.29	23.0	1.0
20	16QAM	1	1	22.74	22.88	22.78	23.0	1.0
20	16QAM	1	26	22.72	22.86	22.74		
20	16QAM	1	49	22.65	22.76	22.64		
20	16QAM	25	0	22.60	22.83	22.62	23.0	1.0
20	16QAM	25	13	22.61	22.84	22.61		
20	16QAM	25	26	22.57	22.83	22.62		
20	16QAM	50	0	21.70	21.86	21.66	22.0	2.0
20	64QAM	1	1	21.19	21.43	21.33	21.5	2.5
20	64QAM	1	26	21.11	21.35	21.23		
20	64QAM	1	49	21.12	21.42	21.17		
20	64QAM	25	0	21.00	21.38	21.14	21.5	2.5
20	64QAM	25	13	21.01	21.33	21.16		
20	64QAM	25	26	21.07	21.28	21.18		
20	64QAM	50	0	21.08	21.19	21.22	21.5	2.5
20	256QAM	1	1	18.82	18.87	18.65	19.5	4.5
20	256QAM	1	26	18.69	18.83	18.49		
20	256QAM	1	49	18.76	18.76	18.61		
20	256QAM	25	0	18.81	18.85	18.52	19.5	4.5
20	256QAM	25	13	18.73	18.79	18.59		
20	256QAM	25	26	18.74	18.87	18.52		
20	256QAM	50	0	18.55	18.76	18.33	19.5	4.5

n41 for FCC_Ant 2 DSI 3&5									
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				509202	516598	523998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2545.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.24	18.37	18.23	18.7	0.0	
100	PI/2 BPSK	1	137	18.16	18.24	18.01			
100	PI/2 BPSK	1	271	18.26	18.29	18.05			
100	PI/2 BPSK	135	0	18.15	18.32	18.06	18.7	0.0	
100	PI/2 BPSK	135	69	18.28	18.31	18.12			
100	PI/2 BPSK	135	138	18.26	18.30	18.10			
100	PI/2 BPSK	270	0	18.31	18.35	18.13	18.7	0.0	
100	QPSK	1	1	18.22	18.34	18.11	18.7	0.0	
100	QPSK	1	137	18.24	18.27	18.13			
100	QPSK	1	271	18.32	18.36	18.16			
100	QPSK	135	0	18.24	18.28	18.07	18.7	0.0	
100	QPSK	135	69	18.19	18.23	17.99			
100	QPSK	135	138	18.51	18.58	18.44			
100	QPSK	270	0	18.30	18.35	18.18	18.7	0.0	
100	16QAM	1	1	18.25	18.30	18.07	18.7	0.0	
100	16QAM	1	137	18.17	18.23	18.07			
100	16QAM	1	271	18.19	18.32	18.10			
100	16QAM	135	0	18.13	18.22	17.98	18.7	0.0	
100	16QAM	135	69	18.21	18.24	18.06			
100	16QAM	135	138	18.29	18.41	18.18			
100	16QAM	270	0	18.10	18.22	18.04	18.7	0.0	
100	64QAM	1	1	18.19	18.27	18.09	18.7	0.0	
100	64QAM	1	137	18.08	18.18	18.01			
100	64QAM	1	271	18.26	18.29	18.09			
100	64QAM	135	0	18.18	18.25	18.11	18.7	0.0	
100	64QAM	135	69	18.15	18.27	18.11			
100	64QAM	135	138	18.31	18.35	18.11			
100	64QAM	270	0	18.05	18.13	17.97	18.7	0.0	
100	256QAM	1	1	18.01	18.11	17.92	18.7	0.0	
100	256QAM	1	137	18.02	18.09	17.92			
100	256QAM	1	271	18.18	18.21	18.02			
100	256QAM	135	0	18.18	18.27	18.09	18.7	0.0	
100	256QAM	135	69	18.22	18.30	18.07			
100	256QAM	135	138	18.17	18.23	18.08			
100	256QAM	270	0	18.06	18.11	17.92	18.7	0.0	
Channel				508200	516598	523998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	PI/2 BPSK	1	1	18.25	18.24	18.05	18.7	0.0	
90	PI/2 BPSK	1	120	18.20	18.20	18.00			
90	PI/2 BPSK	1	243	18.27	18.32	18.18			
90	PI/2 BPSK	120	0	18.17	18.14	17.98	18.7	0.0	
90	PI/2 BPSK	120	60	18.27	18.24	18.08			
90	PI/2 BPSK	120	120	18.19	18.29	18.06			
90	PI/2 BPSK	240	0	18.31	18.29	18.11	18.7	0.0	
90	QPSK	1	1	18.22	18.25	18.14	18.7	0.0	
90	QPSK	1	120	18.14	18.24	18.04			
90	QPSK	1	243	18.27	18.28	18.20			
90	QPSK	120	0	18.16	18.21	18.09	18.7	0.0	
90	QPSK	120	60	18.14	18.15	18.05			
90	QPSK	120	120	18.52	18.52	18.34			
90	QPSK	240	0	18.25	18.28	18.12	18.7	0.0	
90	16QAM	1	1	18.26	18.29	18.06	18.7	0.0	
90	16QAM	1	120	18.17	18.20	18.09			
90	16QAM	1	243	18.28	18.29	18.13			
90	16QAM	120	0	18.12	18.21	18.06	18.7	0.0	
90	16QAM	120	60	18.12	18.23	18.03			
90	16QAM	120	120	18.34	18.39	18.19			
90	16QAM	240	0	18.11	18.21	17.98	18.7	0.0	
90	64QAM	1	1	18.24	18.25	18.07	18.7	0.0	
90	64QAM	1	120	18.15	18.15	17.96			
90	64QAM	1	243	18.17	18.27	18.13			
90	64QAM	120	0	18.20	18.17	18.11	18.7	0.0	
90	64QAM	120	60	18.24	18.21	18.05			
90	64QAM	120	120	18.28	18.30	18.17			
90	64QAM	240	0	18.04	18.09	17.91	18.7	0.0	
90	256QAM	1	1	19.32	19.03	19.38	18.7	0.0	
90	256QAM	1	120	19.26	18.91	19.33			
90	256QAM	1	243	19.26	18.92	19.37			
90	256QAM	120	0	19.25	18.94	19.34	18.7	0.0	
90	256QAM	120	60	19.25	18.84	19.19			
90	256QAM	120	120	19.24	18.92	19.32			
90	256QAM	240	0	19.23	18.90	19.22	18.7	0.0	
Channel				507204	516598	523998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	PI/2 BPSK	1	1	18.21	18.24	17.97	18.7	0.0	
80	PI/2 BPSK	1	109	18.14	18.20	17.91			
80	PI/2 BPSK	1	215	18.17	18.24	18.11			
80	PI/2 BPSK	108	0	18.16	18.10	17.94	18.7	0.0	
80	PI/2 BPSK	108	55	18.17	18.17	18.02			
80	PI/2 BPSK	108	109	18.16	18.23	18.02			
80	PI/2 BPSK	216	0	18.28	18.28	18.10	18.7	0.0	
80	QPSK	1	1	18.18	18.21	18.10	18.7	0.0	
80	QPSK	1	109	18.06	18.18	18.01			
80	QPSK	1	215	18.21	18.22	18.11			
80	QPSK	108	0	18.06	18.18	18.02	18.7	0.0	
80	QPSK	108	55	18.08	18.12	17.97			
80	QPSK	108	109	18.45	18.49	18.30			
80	QPSK	216	0	18.23	18.28	18.08	18.7	0.0	
80	16QAM	1	1	18.16	18.28	18.02	18.7	0.0	
80	16QAM	1	109	18.10	18.10	18.03			
80	16QAM	1	215	18.27	18.24	18.11			
80	16QAM	108	0	18.10	18.13	18.03	18.7	0.0	
80	16QAM	108	55	18.04	18.21	18.00			
80	16QAM	108	109	18.34	18.34	18.18			
80	16QAM	216	0	18.09	18.16	17.91	18.7	0.0	
80	64QAM	1	1	18.15	18.15	18.05	18.7	0.0	
80	64QAM	1	109	18.12	18.10	17.88			
80	64QAM	1	215	18.16	18.27	18.11			
80	64QAM	108	0	18.14	18.11	18.07	18.7	0.0	
80	64QAM	108	55	18.23	18.13	18.05			
80	64QAM	108	109	18.22	18.28	18.07			
80	64QAM	216	0	17.97	18.09	17.91	18.7	0.0	
80	256QAM	1	1	18.71	18.96	18.73	18.7	0.0	
80	256QAM	1	109	18.65	18.81	18.56			
80	256QAM	1	215	18.61	18.88	18.57			
80	256QAM	108	0	18.65	18.84	18.66	18.7	0.0	
80	256QAM	108	55	18.62	18.92	18.72			
80	256QAM	108	109	18.57	18.81	18.71			
80	256QAM	216	0	18.56	18.74	18.43	18.7	0.0	

Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	18.13	18.23	17.89	18.7	0.0
60	PI/2 BPSK	1	81	18.10	18.13	17.83		
60	PI/2 BPSK	1	160	18.12	18.15	18.11		
60	PI/2 BPSK	81	0	18.10	18.01	17.94	18.7	0.0
60	PI/2 BPSK	81	42	18.14	18.16	18.01		
60	PI/2 BPSK	81	81	18.10	18.20	18.01		
60	PI/2 BPSK	162	0	18.18	18.22	18.07	18.7	0.0
60	QPSK	1	1	18.13	18.16	18.02	18.7	0.0
60	QPSK	1	81	18.04	18.10	17.91		
60	QPSK	1	160	18.18	18.16	18.11		
60	QPSK	81	0	17.97	18.16	17.97	18.7	0.0
60	QPSK	81	42	18.07	18.04	17.96		
60	QPSK	81	81	18.44	18.41	18.28		
60	QPSK	162	0	18.19	18.20	17.98	18.7	0.0
60	16QAM	1	1	18.12	18.24	17.97	18.7	0.0
60	16QAM	1	81	18.00	18.10	17.93		
60	16QAM	1	160	18.21	18.20	18.11		
60	16QAM	81	0	18.08	18.10	17.94	18.7	0.0
60	16QAM	81	42	17.97	18.21	17.92		
60	16QAM	81	81	18.31	18.30	18.10		
60	16QAM	162	0	17.99	18.16	17.83	18.7	0.0
60	64QAM	1	1	18.07	18.11	18.05	18.7	0.0
60	64QAM	1	81	18.07	18.02	17.88		
60	64QAM	1	160	18.13	18.25	18.07		
60	64QAM	81	0	18.10	18.01	18.00	18.7	0.0
60	64QAM	81	42	18.18	18.12	17.96		
60	64QAM	81	81	18.18	18.25	18.06		
60	64QAM	162	0	17.88	18.01	17.83	18.7	0.0
60	256QAM	1	1	18.87	18.86	18.99	18.7	0.0
60	256QAM	1	81	18.73	18.66	18.79		
60	256QAM	1	160	18.79	18.82	18.99		
60	256QAM	81	0	18.71	18.78	18.88	18.7	0.0
60	256QAM	81	42	18.81	18.74	18.79		
60	256QAM	81	81	18.74	18.76	18.93		
60	256QAM	162	0	18.61	18.56	18.68	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2654.99		
50	PI/2 BPSK	1	1	18.13	18.13	17.79	18.7	0.0
50	PI/2 BPSK	1	67	18.08	18.07	17.74		
50	PI/2 BPSK	1	131	18.12	18.13	18.09		
50	PI/2 BPSK	64	0	18.07	17.96	17.93	18.7	0.0
50	PI/2 BPSK	64	35	18.06	18.08	17.96		
50	PI/2 BPSK	64	69	18.07	18.13	17.98		
50	PI/2 BPSK	128	0	18.16	18.15	18.07	18.7	0.0
50	QPSK	1	1	18.08	18.10	17.98	18.7	0.0
50	QPSK	1	67	18.03	18.05	17.82		
50	QPSK	1	131	18.14	18.16	18.07		
50	QPSK	64	0	17.91	18.09	17.88	18.7	0.0
50	QPSK	64	35	18.01	18.04	17.86		
50	QPSK	64	69	18.38	18.37	18.23		
50	QPSK	128	0	18.10	18.18	17.89	18.7	0.0
50	16QAM	1	1	18.06	18.15	17.92	18.7	0.0
50	16QAM	1	67	17.94	18.07	17.90		
50	16QAM	1	131	18.14	18.15	18.02		
50	16QAM	64	0	18.00	18.03	17.93	18.7	0.0
50	16QAM	64	35	17.93	18.12	17.90		
50	16QAM	64	69	18.22	18.25	18.07		
50	16QAM	128	0	17.97	18.08	17.76	18.7	0.0
50	64QAM	1	1	18.01	18.02	17.95	18.7	0.0
50	64QAM	1	67	18.07	17.92	17.87		
50	64QAM	1	131	18.07	18.17	18.01		
50	64QAM	64	0	18.00	17.92	17.91	18.7	0.0
50	64QAM	64	35	18.14	18.04	17.87		
50	64QAM	64	69	18.15	18.22	18.04		
50	64QAM	128	0	17.81	17.96	17.78	18.7	0.0
50	256QAM	1	1	18.72	18.95	18.98	18.7	0.0
50	256QAM	1	67	18.52	18.91	18.95		
50	256QAM	1	131	18.54	18.81	18.81		
50	256QAM	64	0	18.71	18.89	18.87	18.7	0.0
50	256QAM	64	35	18.67	18.91	18.80		
50	256QAM	64	69	18.62	18.92	18.81		
50	256QAM	128	0	18.36	18.77	18.78	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	18.12	18.05	17.79	18.7	0.0
40	PI/2 BPSK	1	53	18.07	17.99	17.74		
40	PI/2 BPSK	1	104	18.10	18.08	18.02		
40	PI/2 BPSK	50	0	18.00	17.93	17.87	18.7	0.0
40	PI/2 BPSK	50	28	18.05	18.04	17.87		
40	PI/2 BPSK	50	56	18.01	18.04	17.96		
40	PI/2 BPSK	100	0	18.12	18.07	17.99	18.7	0.0
40	QPSK	1	1	17.98	18.08	17.90	18.7	0.0
40	QPSK	1	53	18.01	18.05	17.82		
40	QPSK	1	104	18.11	18.11	18.01		
40	QPSK	50	0	17.84	18.04	17.86	18.7	0.0
40	QPSK	50	28	17.97	17.95	17.76		
40	QPSK	50	56	18.28	18.35	18.15		
40	QPSK	100	0	18.00	18.08	17.83	18.7	0.0
40	16QAM	1	1	17.97	18.12	17.92	18.7	0.0
40	16QAM	1	53	17.86	18.00	17.83		
40	16QAM	1	104	18.10	18.14	17.98		
40	16QAM	50	0	17.96	18.01	17.90	18.7	0.0
40	16QAM	50	28	17.84	18.12	17.89		
40	16QAM	50	56	18.17	18.18	17.98		
40	16QAM	100	0	17.92	18.08	17.75	18.7	0.0
40	64QAM	1	1	17.95	18.01	17.93	18.7	0.0
40	64QAM	1	53	18.01	17.83	17.87		
40	64QAM	1	104	18.02	18.08	17.91		
40	64QAM	50	0	17.95	17.84	17.91	18.7	0.0
40	64QAM	50	28	18.11	17.96	17.86		
40	64QAM	50	56	18.09	18.19	17.97		
40	64QAM	100	0	17.76	17.94	17.71	18.7	0.0
40	256QAM	1	1	19.18	19.26	19.27	18.7	0.0
40	256QAM	1	53	19.08	19.22	19.26		
40	256QAM	1	104	19.01	19.14	19.26		
40	256QAM	50	0	19.05	19.21	19.17	18.7	0.0
40	256QAM	50	28	19.15	19.06	19.15		
40	256QAM	50	56	19.06	19.12	19.17		
40	256QAM	100	0	18.88	19.04	19.23	18.7	0.0

Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	18.22	17.93	18.28	18.7	0.0
20	PI/2 BPSK	1	26	18.16	17.81	18.23		
20	PI/2 BPSK	1	49	18.16	17.82	18.27		
20	PI/2 BPSK	25	0	18.15	17.84	18.24	18.7	0.0
20	PI/2 BPSK	25	13	18.15	17.74	18.09		
20	PI/2 BPSK	25	26	18.14	17.82	18.22		
20	PI/2 BPSK	50	0	18.13	17.80	18.12	18.7	0.0
20	QPSK	1	1	17.68	17.69	17.59	18.7	0.0
20	QPSK	1	26	17.57	17.71	17.47		
20	QPSK	1	49	17.59	17.73	17.61		
20	QPSK	25	0	17.64	17.83	17.48	18.7	0.0
20	QPSK	25	13	17.63	17.79	17.41		
20	QPSK	25	26	17.63	17.70	17.51		
20	QPSK	50	0	17.51	17.57	17.18	18.7	0.0
20	16QAM	1	1	17.72	17.77	17.55	18.7	0.0
20	16QAM	1	26	17.59	17.73	17.39		
20	16QAM	1	49	17.66	17.66	17.51		
20	16QAM	25	0	17.71	17.75	17.42	18.7	0.0
20	16QAM	25	13	17.63	17.69	17.49		
20	16QAM	25	26	17.64	17.77	17.42		
20	16QAM	50	0	17.45	17.66	17.23	18.7	0.0
20	64QAM	1	1	18.08	18.16	18.17	18.7	0.0
20	64QAM	1	26	17.98	18.12	18.16		
20	64QAM	1	49	17.91	18.04	18.16		
20	64QAM	25	0	17.95	18.11	18.07	18.7	0.0
20	64QAM	25	13	18.05	17.96	18.05		
20	64QAM	25	26	17.96	18.02	18.07		
20	64QAM	50	0	17.78	17.94	18.13	18.7	0.0
20	256QAM	1	1	17.66	17.87	17.56	18.7	0.0
20	256QAM	1	26	17.64	17.81	17.32		
20	256QAM	1	49	17.63	17.60	17.56		
20	256QAM	25	0	17.69	17.66	17.41	18.7	0.0
20	256QAM	25	13	17.72	17.71	17.56		
20	256QAM	25	26	17.61	17.82	17.46		
20	256QAM	50	0	17.52	17.67	17.19	18.7	0.0

Full Power

2 CC																
Configure		CA Configuration (BCS)	PCC								SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset		Ch	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)
Intra-Band	Non-Contiguous	7A-7A	7	20	2535	21100	QPSK	1	0	M	7	20	2680	3350	23.20	23.22
		66A-66A	66	20	1720	132072	QPSK	1	0	L	66	20	2190	67236	23.04	22.88
	Contiguous	7C	7	20	2535	21100	QPSK	1	0	M	7	20	2673.0	3298	23.25	23.22
		66C	66	20	1720	132072	QPSK	1	0	L	66	20	2139.6	66734	22.85	22.88

3CC		CA Configuration (BCS)	PCC								Ch	SCC				SCC2				Power	
Configure			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL RB	UL RB Offset	LTE Band		BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)	
Inter-Band		41A-41C	41	20	2593	40620	QPSK	1	0	M	41	20	2593	40620	41	20	2612.8	40818	22.96	22.99	
Intra-Band	Non-Configurable	41A-41A-41A	41	20	2593	40620	QPSK	1	0	M	41	20	2680	41490	41	20	2680	41490	22.95	22.99	
	Configurable	41D	41	20	2593	40620	QPSK	1	0	M	41	20	2612.8	40818	41	20	2632.6	41016	23.01	22.99	

4CC																							
Configure	CA Configuration (BCS)	PCC								SCC1				SCC2				SCC3				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	Ch	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA TxPower (dBm)	W/O CA TxPower (dBm)
Inter-Band	7A-46D	7	20	2535	21100	QPSK	1	0	M	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.24	23.22

Full Power										
CA_41C Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.43	24
40185	39987	QPSK	1	0	1	99	2	0	23.4	24
40620	40422	QPSK	1	0	1	99	2	0	23.65	24
41055	40857	QPSK	1	0	1	99	2	0	23.84	24
41490	41292	QPSK	1	0	1	99	2	0	23.72	24

CA_41C Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	23.01	23.5
40185	39987	QPSK	1	0	1	99	2	0	23.08	23.5
40620	40422	QPSK	1	0	1	99	2	0	22.95	23.5
41055	40857	QPSK	1	0	1	99	2	0	22.61	23.5
41490	41292	QPSK	1	0	1	99	2	0	22.63	23.5



CA_DSI 3										
CA_41C Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.59	21.1
40185	39987	QPSK	1	0	1	99	2	0	20.62	21.1
40620	40422	QPSK	1	0	1	99	2	0	21	21.1
41055	40857	QPSK	1	0	1	99	2	0	20.87	21.1
41490	41292	QPSK	1	0	1	99	2	0	20.98	21.1

CA_DSI 3										
CA_41C_Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	19.54	19.8
40185	39987	QPSK	1	0	1	99	2	0	19.51	19.8
40620	40422	QPSK	1	0	1	99	2	0	19.55	19.8
41055	40857	QPSK	1	0	1	99	2	0	19.38	19.8
41490	41292	QPSK	1	0	1	99	2	0	18.84	19.8



CA_DSI 5										
CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	17.66	19.1
40185	39987	QPSK	1	0	1	99	2	0	17.7	19.1
40620	40422	QPSK	1	0	1	99	2	0	17.89	19.1
41055	40857	QPSK	1	0	1	99	2	0	17.7	19.1
41490	41292	QPSK	1	0	1	99	2	0	17.88	19.1

CA_DSI 5										
CA_41C_Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.7	21
40185	39987	QPSK	1	0	1	99	2	0	20.6	21
40620	40422	QPSK	1	0	1	99	2	0	20.55	21
41055	40857	QPSK	1	0	1	99	2	0	20.41	21
41490	41292	QPSK	1	0	1	99	2	0	19.91	21



CA_DSI 6										
CA_41C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	18.56	19.1
40185	39987	QPSK	1	0	1	99	2	0	18.55	19.1
40620	40422	QPSK	1	0	1	99	2	0	18.84	19.1
41055	40857	QPSK	1	0	1	99	2	0	18.91	19.1
41490	41292	QPSK	1	0	1	99	2	0	18.81	19.1

CA_DSI 6										
CA_41C_Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.58	21
40185	39987	QPSK	1	0	1	99	2	0	20.71	21
40620	40422	QPSK	1	0	1	99	2	0	20.58	21
41055	40857	QPSK	1	0	1	99	2	0	20.44	21
41490	41292	QPSK	1	0	1	99	2	0	19.92	21



Power Table 1/3/4/5

Ant 4						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.70	21.00	100.00
		6	2437	20.70	21.00	
		11	2462	20.00	21.00	
	802.11g 6Mbps	1	2412	15.10	15.50	98.06
		2	2417	17.50	18.00	
		6	2437	19.80	20.00	
		10	2457	17.70	18.00	
		11	2462	13.90	14.50	
	802.11n-HT20 MCS0	1	2412	14.90	15.50	97.92
		2	2417	16.90	18.00	
		6	2437	19.90	20.00	
		10	2457	16.90	18.00	
		11	2462	13.70	14.50	
	802.11n-HT40 MCS0	3	2422	14.90	15.50	93.33
		6	2437	14.20	15.50	
		9	2452	12.20	13.00	

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.80	17.00	98.06
		40	5200	16.40	17.00	
		44	5220	16.60	17.00	
	802.11n-HT20 MCS0	48	5240	16.20	17.00	98.19
		36	5180	16.90	17.50	
		40	5200	16.78	17.50	
	802.11n-HT40 MCS0	44	5220	17.30	17.50	95.88
		48	5240	16.90	17.50	
		38	5190	13.40	14.00	
	802.11ac-VHT20 MCS0	46	5230	19.40	20.00	97.94
		36	5180	16.80	17.50	
		40	5200	16.62	17.50	
	802.11ac-VHT40 MCS0	44	5220	17.20	17.50	95.88
		48	5240	16.90	17.50	
		38	5190	13.60	14.00	
	802.11ac-VHT80 MCS0	46	5230	19.50	20.00	91.84

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.50	17.00	98.06
		56	5280	16.40	17.00	
		60	5300	16.30	17.00	
		64	5320	16.10	17.00	
	802.11n-HT20 MCS0	52	5260	16.60	17.50	98.19
		56	5280	16.48	17.50	
		60	5300	16.90	17.50	
		64	5320	16.60	17.50	
	802.11n-HT40 MCS0	54	5270	19.20	20.00	95.88
		62	5310	14.80	15.50	
		52	5260	16.90	17.50	
		56	5280	16.72	17.50	
	802.11ac-VHT20 MCS0	60	5300	16.90	17.50	97.94
		64	5320	16.60	17.50	
		54	5270	19.00	20.00	
		62	5310	14.80	15.50	
	802.11ac-VHT80 MCS0	58	5290	14.20	15.00	91.84

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.60	17.50	98.06
		116	5580	16.30	17.50	
		124	5620	16.50	17.50	
		132	5660	16.60	17.50	
		140	5700	16.80	17.50	
		144	5720	16.70	17.50	
	802.11n-HT20 MCS0	100	5500	16.90	17.50	98.19
		116	5580	16.30	17.50	
		124	5620	16.21	17.50	
		132	5660	16.23	17.50	
		140	5700	16.30	17.50	
		144	5720	16.30	17.50	
	802.11n-HT40 MCS0	102	5510	16.90	18.00	95.88
		110	5550	19.50	20.00	
		126	5630	19.18	20.00	
		134	5670	19.20	20.00	
		142	5710	19.20	20.00	
		100	5500	16.80	17.50	
5.8GHz WLAN	802.11ac-VHT20 MCS0	116	5580	16.30	17.50	97.94
		124	5620	16.15	17.50	
		132	5660	16.18	17.50	
		140	5700	16.20	17.50	
		144	5720	16.30	17.50	
		102	5510	17.10	18.00	
	802.11ac-VHT40 MCS0	110	5550	19.10	20.00	95.88
		126	5630	19.03	20.00	
		134	5670	19.00	20.00	
		142	5710	19.00	20.00	
		106	5530	16.30	17.00	
		122	5610	18.10	19.00	
	802.11ac-VHT80 MCS0	138	5690	18.20	19.00	91.84

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.20	21.00	98.06
		157	5785	20.20	21.00	
		165	5825	20.20	21.00	
	802.11n-HT20 MCS0	149	5745	19.30	20.50	98.19
		157	5785	19.40	20.50	
		165	5825	19.10	20.50	
	802.11n-HT40 MCS0	151	5755	19.00	20.50	95.88
		159	5795	19.20	20.50	
		149	5745	19.30	20.50	
	802.11ac-VHT20 MCS0	157	5785	19.40	20.50	97.94
		165	5825	19.10	20.50	
		151	5755	18.70	20.00	
	802.11ac-VHT40 MCS0	159	5795	18.70	20.00	95.88
		155	5775	18.40	20.00	
		155	5775	18.40	20.00	

Ant 4						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.72	9.00	100.00
		6	2437	8.67	9.00	
		11	2462	8.65	9.00	
	802.11g 6Mbps	1	2412	Not Required	9.00	98.06
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
	802.11n-HT20 MCS0	11	2462		9.00	97.92
		1	2412		9.00	
		2	2417		9.00	
		6	2437		9.00	
	802.11n-HT40 MCS0	10	2457		9.00	93.33
		11	2462		9.00	
		3	2422		9.00	
		6	2437		9.00	
		9	2452		9.00	

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	10.50	98.06
		40	5200		10.50	
		44	5220		10.50	
	802.11n-HT20 MCS0	48	5240		10.50	98.19
		36	5180		10.50	
		40	5200		10.50	
	802.11n-HT40 MCS0	44	5220		10.50	95.88
		48	5240		10.50	
		38	5190		10.50	
	802.11ac-VHT20 MCS0	46	5230		10.50	97.94
		36	5180		10.50	
		40	5200		10.50	
	802.11ac-VHT40 MCS0	44	5220		10.50	95.88
		48	5240		10.50	
		38	5190		10.50	
	802.11ac-VHT80 MCS0	46	5230		10.50	91.84

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	15.50	98.06
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT20 MCS0	52	5260		15.50	98.19
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT40 MCS0	54	5270		15.50	95.88
		62	5310		15.50	
		52	5260		15.50	
		56	5280		15.50	
	802.11ac-VHT20 MCS0	60	5300		15.50	97.94
		64	5320		15.50	
		54	5270		15.50	
		62	5310		15.50	
	802.11ac-VHT80 MCS0	58	5290		15.50	91.84

Ant 4						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	15.00	98.06
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
		144	5720		15.00	



Power Table 7

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.72	9.00	100.00
		6	2437	8.67	9.00	
		11	2462	8.65	9.00	
	802.11g 6Mbps	1	2412		9.00	98.06
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
		11	2462		9.00	
	802.11n-HT20 MCS0	1	2412	Not Required	9.00	97.92
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
		11	2462		9.00	
	802.11n-HT40 MCS0	3	2422		9.00	93.33
		6	2437		9.00	
		9	2452		9.00	

Power Table 8

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.45	12.50	100.00
		6	2437	11.44	12.50	
		11	2462	11.30	12.50	
	802.11g 6Mbps	1	2412		12.50	98.06
		2	2417		12.50	
		6	2437		12.50	
		10	2457		12.50	
		11	2462		12.50	
	802.11n-HT20 MCS0	1	2412	Not Required	12.50	97.92
		2	2417		12.50	
		6	2437		12.50	
		10	2457		12.50	
		11	2462		12.50	
	802.11n-HT40 MCS0	3	2422		12.50	93.33
		6	2437		12.50	
		9	2452		12.50	

Power Table 9

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.76	18.00	100.00
		6	2437	17.67	18.00	
		11	2462	17.47	18.00	
	802.11g 6Mbps	1	2412		15.50	98.06
		2	2417		18.00	
		6	2437		18.00	
		10	2457		18.00	
		11	2462		14.50	
	802.11n-HT20 MCS0	1	2412	Not Required	15.50	97.92
		2	2417		18.00	
		6	2437		18.00	
		10	2457		18.00	
		11	2462		14.50	
	802.11n-HT40 MCS0	3	2422		15.50	93.33
		6	2437		15.50	
		9	2452		13.00	

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180		15.50	98.06
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	98.19
		40	5200		15.50	
		44	5220		15.50	
		48	5240	Not Required	15.50	
	802.11n-HT40 MCS0	38	5190		15.50	95.88
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	97.94
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		15.50	95.88
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210		15.50	91.84

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180		12.50	98.06
		40	5200		12.50	
		44	5220		12.50	
		48	5240		12.50	
	802.11n-HT20 MCS0	36	5180		12.50	98.19
		40	5200		12.50	
		44	5220		12.50	
		48	5240	Not Required	12.50	
	802.11n-HT40 MCS0	38	5190		12.50	95.88
		46	5230		12.50	
	802.11ac-VHT20 MCS0	36	5180		12.50	97.94
		40	5200		12.50	
		44	5220		12.50	
		48	5240		12.50	
	802.11ac-VHT40 MCS0	38	5190		12.50	95.88
		46	5230		12.50	
	802.11ac-VHT80 MCS0	42	5210	11.40	12.50	91.84

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.80	17.00	98.06
		40	5200	16.40	17.00	
		44	5220	16.60	17.00	
		48	5240	16.20	17.00	
	802.11n-HT20 MCS0	36	5180	16.90	17.50	98.19
		40	5200	16.78	17.50	
		44	5220	17.30	17.50	
		48	5240	16.90	17.50	
	802.11n-HT40 MCS0	38	5190	13.40	14.00	95.88
		46	5230	17.86	18.50	
	802.11ac-VHT20 MCS0	36	5180	16.80	17.50	97.94
		40	5200	16.62	17.50	
		44	5220	17.20	17.50	
		48	5240	16.90	17.50	
	802.11ac-VHT40 MCS0	38	5190	13.60	14.00	95.88
		46	5230	17.91	18.50	
	802.11ac-VHT80 MCS0	42	5210	12.20	13.00	91.84

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260		10.50	98.06
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT20 MCS0	52	5260		10.50	98.19
		56	5280		10.50	
		60	5300		10.50	
		64	5320	Not Required	10.50	
	802.11n-HT40 MCS0	54	5270		10.50	95.88
		62	5310		10.50	
	802.11ac-VHT20 MCS0	52	5260		10.50	97.94
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11ac-VHT40 MCS0	54	5270		10.50	95.88
		62	5310		10.50	
	802.11ac-VHT80 MCS0	58	5290	10.38	10.50	91.84

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260		12.00	98.06
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT20 MCS0	52	5260		12.00	98.19
		56	5280		12.00	
		60	5300		12.00	
		64	5320	Not Required	12.00	
	802.11n-HT40 MCS0	54	5270		12.00	95.88
		62	5310		12.00	
	802.11ac-VHT20 MCS0	52	5260		12.00	97.94
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11ac-VHT40 MCS0	54	5270		12.00	95.88
		62	5310		12.00	
	802.11ac-VHT80 MCS0	58	5290	11.23	12.00	91.84

Ant 4						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.50	17.00	98.06
		56	5280	16.40	17.00	
		60	5300	16.30	17.00	
		64	5320	16.10	17.00	
	802.11n-HT20 MCS0	52	5260	16.60	17.50	98.19
		56	5280	16.48	17.50	
		60	5300	16.90	17.50	
		64	5320	16.60	17.50	
	802.11n-HT40 MCS0	54	5270	16.98	18.00	95.88
		62	5310	14.80	15.50	
	802.11ac-VHT20 MCS0	52	5260	16.90	17.50	97.94
		56	5280	16.72	17.50	
		60	5300	16.90	17.50	
		64	5320	16.60	17.50	
	802.11ac-VHT40 MCS0	54	5270	19.00	20.00	95.88
		62	5310	14.80	15.50	
	802.11ac-VHT80 MCS0	58	5290	14.20	15.00	91.84

5GHz WLAN		Ant 4				
	Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	10.00	98.06
		116	5580		10.00	
		124	5620		10.00	
		132	5660		10.00	
		140	5700		10.00	
		144	5720		10.00	
	802.11n-HT20 MCS0	100	5500		10.00	98.19
		116	5580		10.00	
		124	5620		10.00	
		132	5660		10.00	
		140	5700		10.00	
		144	5720		10.00	
	802.11n-HT40 MCS0	102	5510		10.00	95.88
		110	5550		10.00	
		126	5630		10.00	
		134	5670		10.00	
		142	5710		10.00	
		100	5500		10.00	
	802.11ac-VHT20 MCS0	116	5580		10.00	97.94
		124	5620		10.00	
		132	5660		10.00	
		140	5700		10.00	
		144	5720		10.00	
		102	5510		10.00	
802.11ac-VHT40 MCS0	110	5550	10.00	95.88		
	126	5630	10.00			
	134	5670	10.00			
	142	5710	10.00			
	108	5530	9.59		91.84	
	122	5610	9.15			
138	5690	9.14				



Power Table 1/3/4/5

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.70	21.00	100.00
		6	2437	20.70	21.00	
		11	2462	19.80	21.00	
	802.11g 6Mbps	1	2412	15.10	15.50	98.06
		2	2417	17.50	16.00	
		6	2437	19.90	20.00	
		10	2457	17.70	18.00	
		11	2462	14.10	14.50	
	802.11n-HT20 MCS0	1	2412	14.90	15.50	98.18
		2	2417	17.00	16.00	
		6	2437	19.90	20.00	
		10	2457	17.00	18.00	
		11	2462	13.90	14.50	
	802.11n-HT40 MCS0	3	2422	15.20	15.50	94.90
		6	2437	14.20	15.50	
		9	2452	12.20	13.00	

Power Table 2

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.96	9.00	100.00
		6	2437	8.80	9.00	
		11	2462	8.49	9.00	
	802.11g 6Mbps	1	2412	Not Required	9.00	98.06
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
		11	2462		9.00	
	802.11n-HT20 MCS0	1	2412		9.00	98.18
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
		11	2462		9.00	
	802.11n-HT40 MCS0	3	2422		9.00	94.90
		6	2437		9.00	
		9	2452		9.00	

Power Table 6

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.75	15.00	100.00
		6	2437	14.69	15.00	
		11	2462	14.82	15.00	
	802.11g 6Mbps	1	2412	Not Required	15.00	98.06
		2	2417		15.00	
		6	2437		15.00	
		10	2457		15.00	
		11	2462		15.00	
	802.11n-HT20 MCS0	1	2412		15.00	98.18
		2	2417		15.00	
		6	2437		15.00	
		10	2457		15.00	
		11	2462		15.00	
	802.11n-HT40 MCS0	3	2422		15.00	94.90
		6	2437		15.00	
		9	2452		15.00	

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.50	17.00	97.09
		40	5200	16.40	17.00	
		44	5220	16.60	17.00	
		48	5240	16.40	17.00	
	802.11n-HT20 MCS0	36	5180	16.40	17.50	97.93
		40	5200	16.35	17.50	
		44	5220	17.00	17.50	
	802.11n-HT40 MCS0	36	5180	13.40	14.00	95.85
		40	5200	19.40	20.00	
		46	5230	19.40	20.00	
	802.11ac-VHT20 MCS0	36	5180	16.40	17.50	97.15
		40	5200	16.21	17.50	
		44	5220	17.00	17.50	
		48	5240	17.00	17.50	
	802.11ac-VHT40 MCS0	36	5190	13.40	14.00	96.41
		46	5230	19.30	20.00	
	802.11ac-VHT80 MCS0	42	5210	12.30	13.00	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	10.50	97.09
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT20 MCS0	36	5180		10.50	97.93
		40	5200		10.50	
		44	5220		10.50	
	802.11n-HT40 MCS0	36	5190		10.50	95.85
		46	5230		10.50	
		46	5230		10.50	
	802.11ac-VHT20 MCS0	36	5180		10.50	97.15
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11ac-VHT40 MCS0	38	5190		10.50	96.41
		48	5230		10.50	
	802.11ac-VHT80 MCS0	42	5210	9.89	10.50	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	97.09
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.93
		40	5200		15.50	
		44	5220		15.50	
	802.11n-HT40 MCS0	36	5180		15.50	95.85
		46	5230		15.50	
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	97.15
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		15.50	96.41
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210		15.50	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.80	17.00	97.09
		56	5280	16.70	17.00	
		60	5300	16.60	17.00	
		64	5320	16.40	17.00	
	802.11n-HT20 MCS0	52	5260	16.90	17.50	97.93
		56	5280	19.62	17.50	
		60	5300	17.30	17.50	
	802.11n-HT40 MCS0	54	5270	19.20	20.00	95.85
		62	5310	14.90	15.50	
		62	5310	14.90	15.50	
	802.11ac-VHT20 MCS0	52	5260	16.80	17.50	97.15
		56	5280	16.72	17.50	
		60	5300	17.20	17.50	
		64	5320	16.90	17.50	
	802.11ac-VHT40 MCS0	54	5270	19.70	20.00	96.41
		62	5310	14.90	15.50	
	802.11ac-VHT80 MCS0	58	5290	14.50	15.00	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	15.50	97.09
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT20 MCS0	52	5260		15.50	97.93
		56	5280		15.50	
		60	5300		15.50	
	802.11n-HT40 MCS0	54	5270		15.50	95.85
		62	5310		15.50	
		62	5310		15.50	
	802.11ac-VHT20 MCS0	52	5260		15.50	97.15
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11ac-VHT40 MCS0	54	5270		15.50	96.41
		62	5310		15.50	
	802.11ac-VHT80 MCS0	58	5290	14.89	15.50	92.00

5GHz WLAN		Ant 3				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.50	17.50	97.09
		116	5580	16.50	17.50	
		124	5620	16.40	17.50	
		132	5660	16.70	17.50	
		140	5700	16.60	17.50	
		144	5720	16.80	17.50	
	802.11n-HT20 MCS0	100	5500	17.20	17.50	97.93
		116	5580	17.40	17.50	
		124	5620	17.38	17.50	
		132	5660	17.15	17.50	
		140	5700	17.40	17.50	
		144	5720	17.40	17.50	
	802.11n-HT40 MCS0	102	5510	16.90	18.00	95.85
		110	5550	19.50	20.00	
		126	5630	19.63	20.00	
		134	5670	19.20	20.00	
		142	5710	19.20	20.00	
		100	5500	17.20	17.50	
	802.11ac-VHT20 MCS0	116	5580	17.30	17.50	97.15
		124	5620	17.15	17.50	
		132	5660	17.09	17.50	
		140	5700	17.30	17.50	
		144	5720	17.30	17.50	
		102	5510	17.20	18.00	
802.11ac-VHT40 MCS0	110	5550	19.30	20.00	96.41	
	126	5630	19.23	20.00		
	134	5670	19.80	20.00		
	142	5710	19.70	20.00		
	106	5530	16.30	17.00		92.00
	122	5610	19.00	19.50		
138	5690	19.10	19.50			



Power Table 7

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	8.86	9.00	100.00
		6	2437	8.80	9.00	
		11	2462	8.49	9.00	
	802.11g 6Mbps	1	2412	Not Required	9.00	98.06
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
		11	2462		9.00	
	802.11n-HT20 MCS0	1	2412		9.00	98.18
		2	2417		9.00	
		6	2437		9.00	
		10	2457		9.00	
	802.11n-HT40 MCS0	11	2462		9.00	94.90
		3	2422		9.00	
		8	2437		9.00	
		9	2452		9.00	

Power Table 8

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.13	12.50	100.00
		6	2437	12.03	12.50	
		11	2462	11.71	12.50	
	802.11g 6Mbps	1	2412	Not Required	12.50	98.06
		2	2417		12.50	
		6	2437		12.50	
		10	2457		12.50	
		11	2462		12.50	
	802.11n-HT20 MCS0	1	2412		12.50	98.18
		2	2417		12.50	
		6	2437		12.50	
		10	2457		12.50	
	802.11n-HT40 MCS0	11	2462		12.50	94.90
		3	2422		12.50	
		8	2437		12.50	
		9	2452		12.50	

Power Table 9

Ant 3						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.82	18.00	100.00
		6	2437	17.72	18.00	
		11	2462	17.78	18.00	
	802.11g 6Mbps	1	2412	Not Required	15.50	98.06
		2	2417		16.00	
		6	2437		18.00	
		10	2457		18.00	
		11	2462		14.50	
	802.11n-HT20 MCS0	1	2412		15.50	98.18
		2	2417		16.00	
		6	2437		18.00	
		10	2457		18.00	
	802.11n-HT40 MCS0	11	2462		14.50	94.90
		3	2422		15.50	
		8	2437		15.50	
		9	2452		13.00	

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	97.09
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.93
		40	5200		15.50	
		44	5220		15.50	
	802.11n-HT40 MCS0	48	5240		15.50	95.85
		38	5190		15.50	
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	97.15
		40	5200		15.50	
		44	5220		15.50	
	802.11ac-VHT40 MCS0	48	5240		15.50	96.41
		38	5190		15.50	
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210		15.50	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	12.50	97.09
		40	5200		12.50	
		44	5220		12.50	
		48	5240		12.50	
	802.11n-HT20 MCS0	36	5180		12.50	97.93
		40	5200		12.50	
		44	5220		12.50	
	802.11n-HT40 MCS0	48	5240		12.50	95.85
		38	5190		12.50	
		46	5230		12.50	
	802.11ac-VHT20 MCS0	36	5180		12.50	97.15
		40	5200		12.50	
		44	5220		12.50	
	802.11ac-VHT40 MCS0	48	5240		12.50	96.41
		38	5190		12.50	
		46	5230		12.50	
	802.11ac-VHT80 MCS0	42	5210	11.82	12.50	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.50	17.00	97.09
		40	5200	16.40	17.00	
		44	5220	16.60	17.00	
		48	5240	16.40	17.00	
	802.11n-HT20 MCS0	36	5180	16.40	17.50	97.93
		40	5200	16.35	17.50	
		44	5220	17.00	17.50	
	802.11n-HT40 MCS0	48	5240	17.10	17.50	95.85
		38	5190	13.40	14.00	
		46	5230	17.90	18.50	
	802.11ac-VHT20 MCS0	36	5180	16.40	17.50	97.15
		40	5200	16.21	17.50	
		44	5220	17.00	17.50	
	802.11ac-VHT40 MCS0	48	5240	17.00	17.50	96.41
		38	5190	13.40	14.00	
		46	5230	17.91	18.50	
	802.11ac-VHT80 MCS0	42	5210	12.30	13.00	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5280	Not Required	10.50	97.09
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT20 MCS0	52	5280		10.50	97.93
		56	5280		10.50	
		60	5300		10.50	
	802.11n-HT40 MCS0	64	5320		10.50	95.85
		54	5270		10.50	
		62	5310		10.50	
	802.11ac-VHT20 MCS0	52	5280		10.50	97.15
		56	5280		10.50	
		60	5300		10.50	
	802.11ac-VHT40 MCS0	64	5320		10.50	96.41
		54	5270		10.50	
		62	5310		10.50	
	802.11ac-VHT80 MCS0	58	5290	9.50	10.50	92.00

Ant 3						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5280	Not Required	12.00	97.09
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT20 MCS0	52	5280		12.00	97.93
		56	5280		12.00	
		60	5300		12.00	
	802.11n-HT40 MCS0	64	5320		12.00	95.85
		54	5270		12.00	
		62	5310		12.00	
	802.11ac-VHT20 MCS0	52	5280		12.00	97.15
		56	5280		12.00	
		60	5300		12.00	
	802.11ac-VHT40 MCS0	64	5320		12.00	96.41
		54	5270		12.00	
		62	5310		12.00	
	802.11ac-VHT80 MCS0	58	5290	11.51	12.00	92.00

5GHz WLAN		Ant 3						
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps		52	5280	Not Required	17.00	97.09	
			56	5280		17.00		
			60	5300		17.00		
			64	5320		17.00		
	802.11n-HT20 MCS0		52	5280		17.50	97.93	
			56	5280		17.50		
			60	5300		17.50		
			64	5320		17.50		
	802.11n-HT40 MCS0		54	5270		17.12	18.00	95.85
			62	5310		15.50		
	802.11ac-VHT20 MCS0		52	5280		Not Required	17.50	97.15
			56	5280			17.50	
			60	5300			17.50	
			64	5320			17.50	
	802.11ac-VHT40 MCS0		54	5270		18.00	96.41	
			62	5310		15.50		
802.11ac-VHT80 MCS0		58	5290		15.00	92.00		



Power Table 1/3/4/5						
2.4GHz WLAN	Ant 3+4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	23.78	24.00	100.00
		6	2437	23.88	24.00	
		11	2462	23.01	24.00	
	802.11g 6Mbps	1	2412	18.20	18.50	97.58
		2	2417	20.61	21.00	
		6	2437	22.95	23.00	
		10	2457	20.86	21.00	
		11	2462	17.14	17.50	
	802.11n-HT20 MCS0	1	2412	17.98	18.50	98.19
		2	2417	20.12	21.00	
		6	2437	22.94	23.00	
		10	2457	20.11	21.00	
		11	2462	16.93	17.50	
	802.11n-HT40 MCS0	3	2422	18.37	18.50	93.91
		6	2437	17.25	18.50	
		9	2452	15.23	16.00	

5GHz WLAN	Ant 3+4					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	19.86	20.00	97.35
		40	5200	19.41	20.00	
		44	5220	19.61	20.00	
		48	5240	19.41	20.00	
	802.11n-HT20 MCS0	36	5180	19.67	20.50	97.93
		40	5200	19.92	20.50	
		44	5220	20.16	20.50	
		48	5240	20.01	20.50	
	802.11n-HT40 MCS0	38	5190	16.56	17.00	95.85
		46	5230	22.56	23.00	
		36	5180	19.61	20.50	
	802.11ac-VHT20 MCS0	40	5200	19.76	20.50	97.15
		44	5220	20.11	20.50	
		48	5240	19.96	20.50	
	802.11ac-VHT40 MCS0	38	5190	16.51	17.00	95.88
		46	5230	22.41	23.00	
	802.11ac-VHT80 MCS0	42	5210	15.26	16.00	91.84

5GHz WLAN	Ant 3+4					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	19.81	20.00	97.35
		56	5280	19.77	20.00	
		60	5300	19.67	20.00	
		64	5320	19.41	20.00	
	802.11n-HT20 MCS0	52	5260	19.76	20.50	97.93
		56	5280	19.71	20.50	
		60	5300	20.11	20.50	
		64	5320	19.81	20.50	
	802.11n-HT40 MCS0	54	5270	22.52	23.00	95.85
		62	5310	17.91	18.50	
	802.11ac-VHT20 MCS0	52	5260	19.71	20.50	97.15
		56	5280	19.67	20.50	
		60	5300	20.06	20.50	
		64	5320	19.76	20.50	
	802.11ac-VHT40 MCS0	54	5270	22.37	23.00	95.88
		62	5310	17.86	18.50	
	802.11ac-VHT80 MCS0	68	5290	17.36	18.00	91.84

5GHz WLAN	Ant 3+4					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	19.61	20.50	97.35
		116	5580	19.53	20.50	
		124	5620	19.60	20.50	
		132	5660	19.84	20.50	
		140	5700	19.90	20.50	
		144	5720	19.84	20.50	
	802.11n-HT20 MCS0	100	5500	20.06	20.50	97.93
		116	5580	19.90	20.50	
		124	5620	20.00	20.50	
		132	5660	19.84	20.50	
		140	5700	19.90	20.50	
		144	5720	19.90	20.50	
	802.11n-HT40 MCS0	102	5510	20.16	21.00	95.85
		110	5550	22.57	23.00	
		126	5630	22.28	23.00	
		134	5670	22.57	23.00	
		142	5710	22.53	23.00	
		100	5500	20.01	20.50	
	802.11ac-VHT20 MCS0	116	5580	19.84	20.50	97.15
		124	5620	19.90	20.50	
		132	5660	19.78	20.50	
		140	5700	19.80	20.50	
	802.11ac-VHT40 MCS0	102	5510	20.16	21.00	95.88
		110	5550	22.21	23.00	
		126	5630	22.38	23.00	
		134	5670	22.43	23.00	
		142	5710	22.37	23.00	
		106	5530	19.31	20.50	
	802.11ac-VHT80 MCS0	122	5610	21.58	22.50	91.84
		138	5690	21.68	22.50	

5.8GHz WLAN	Ant 3+4					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	23.35	24.00	97.35
		157	5785	23.38	24.00	
		165	5825	23.34	24.00	
	802.11n-HT20 MCS0	149	5745	22.91	23.00	97.93
		157	5785	22.88	23.00	
		165	5825	22.70	23.00	
	802.11n-HT40 MCS0	151	5755	22.60	23.00	95.85
		159	5795	22.63	23.00	
	802.11ac-VHT20 MCS0	149	5745	22.95	23.00	97.15
		157	5785	22.94	23.00	
		165	5825	22.70	23.00	
	802.11ac-VHT40 MCS0	151	5755	22.18	23.00	95.88
		159	5795	22.24	23.00	
	802.11ac-VHT80 MCS0	155	5775	21.94	23.00	91.84

2.4GHz WLAN	Ant 3+4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	11.25	12.00	100.00
		6	2437	11.43	12.00	
		11	2462	11.76	12.00	
	802.11g 6Mbps	1	2412	Not Required	12.00	97.58
		2	2417		12.00	
		6	2437		12.00	
		10	2457		12.00	
		11	2462		12.00	
	802.11n-HT20 MCS0	1	2412		12.00	98.19
		2	2417		12.00	
		6	2437		12.00	
		10	2457		12.00	
		11	2462		12.00	
	802.11n-HT40 MCS0	3	2422		12.00	93.91
		6	2437		12.00	
		9	2452		12.00	

5GHz WLAN	Ant 3+4					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	Not Required	13.50	97.35
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11n-HT20 MCS0	36	5180		13.50	97.93
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11n-HT40 MCS0	38	5190		13.50	95.85
		46	5230		13.50	
		36	5180		13.50	
	802.11ac-VHT20 MCS0	40	5200		13.50	97.15
		44	5220		13.50	
		48	5240		13.50	
	802.11ac-VHT40 MCS0	38	5190		13.50	95.88
		46	5230		13.50	
	802.11ac-VHT80 MCS0	42	5210	12.49	13.50	91.84

5GHz WLAN	Ant 3+4					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	Not Required	18.50	97.35
		56	5280		18.50	
		60	5300		18.50	
		64	5320		18.50	
	802.11n-HT20 MCS0	52	5260		18.50	97.93
		56	5280		18.50	
		60	5300		18.50	
		64	5320		18.50	
	802.11n-HT40 MCS0	54	5270		18.50	95.85
		62	5310		18.50	
	802.11ac-VHT20 MCS0	52	5260		18.50	97.15
		56	5280		18.50	
		60	5300		18.50	
		64	5320		18.50	
	802.11ac-VHT40 MCS0	54	5270		18.50	95.88
		62	5310		18.50	
	802.11ac-VHT80 MCS0	68	5290	17.87	18.50	91.84

5GHz WLAN	Ant 3+4					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	Not Required	19.00	97.35
		116	5580		19.00	
		124	5620		19.00	
		132	5660	19.00		



Power Table 7						
2.4GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.25	12.00	100.00
		6	2437	11.43	12.00	
		11	2462	11.76	12.00	
	802.11g 6Mbps	1	2412		12.00	97.58
		2	2417		12.00	
		6	2437		12.00	
		10	2457		12.00	
		11	2462		12.00	
	802.11n-HT20 MCS9	1	2412	Not Required	12.00	98.19
		2	2417		12.00	
		6	2437		12.00	
		10	2457		12.00	
		11	2462		12.00	
	802.11n-HT40 MCS9	3	2422		12.00	93.91
		6	2437		12.00	
		9	2452		12.00	

5GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180		10.50	97.35
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT20 MCS9	36	5180	Not Required	10.50	97.93
		40	5200		10.50	
		44	5220		10.50	
	802.11n-HT40 MCS9	38	5190		10.50	95.85
		46	5230		10.50	
		36	5180		10.50	97.15
	802.11ac-VHT20 MCS9	40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	95.88
	802.11ac-VHT40 MCS9	38	5190		10.50	
		46	5230		10.50	
		42	5210		10.50	91.84

5GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260		13.50	97.35
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT20 MCS9	52	5260	Not Required	13.50	97.93
		56	5280		13.50	
		60	5300		13.50	
	802.11n-HT40 MCS9	64	5320		13.50	95.85
		54	5270		13.50	
		62	5310		13.50	
	802.11ac-VHT20 MCS9	52	5260		13.50	97.15
		56	5280		13.50	
		60	5300		13.50	95.88
	802.11ac-VHT40 MCS9	64	5320		13.50	
		54	5270		13.50	
		62	5310		13.50	91.84
	802.11ac-VHT80 MCS9	58	5290	13.01	13.50	

5GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.5GHz WLAN	802.11a 6Mbps	100	5500		13.00	97.35
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
	802.11n-HT20 MCS9	144	5720		13.00	97.93
		100	5500		13.00	
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
	802.11n-HT40 MCS9	140	5700	Not Required	13.00	95.85
		144	5720		13.00	
		102	5510		13.00	
		110	5550		13.00	
		126	5630		13.00	
	802.11ac-VHT20 MCS9	134	5670		13.00	97.15
		142	5710		13.00	
		100	5500		13.00	
		116	5580		13.00	
		124	5620		13.00	
	802.11ac-VHT40 MCS9	132	5660		13.00	95.88
		140	5700		13.00	
		144	5720		13.00	
		102	5510		13.00	
		110	5550		13.00	
	802.11ac-VHT80 MCS9	126	5630		13.00	91.84
		134	5670		13.00	
		142	5710		13.00	
		106	5530	12.34	13.00	
		122	5610	12.67	13.00	
		138	5690	12.11	13.00	

5.8GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.8GHz WLAN	802.11a 6Mbps	149	5745		14.00	97.35
		157	5785		14.00	
		165	5825		14.00	
	802.11n-HT20 MCS9	149	5745		14.00	97.93
		157	5785		14.00	
		165	5825		14.00	
	802.11n-HT40 MCS9	151	5755	Not Required	14.00	95.85
		159	5795		14.00	
		149	5745		14.00	97.15
	802.11ac-VHT20 MCS9	157	5785		14.00	
		165	5825		14.00	
		151	5755		14.00	95.88
	802.11ac-VHT40 MCS9	159	5795		14.00	
		155	5775		14.00	
		155	5775	12.45	14.00	91.84

2.4GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.70	15.50	100.00
		6	2437	14.60	15.50	
		11	2462	14.77	15.50	
	802.11g 6Mbps	1	2412		15.50	97.58
		2	2417		15.50	
		6	2437		15.50	
		10	2457		15.50	
		11	2462		15.50	
	802.11n-HT20 MCS9	1	2412	Not Required	15.50	98.19
		2	2417		15.50	
		6	2437		15.50	
		10	2457		15.50	
		11	2462		15.50	
	802.11n-HT40 MCS9	3	2422		15.50	93.91
		6	2437		15.50	
		9	2452		15.50	

5GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180		15.50	97.35
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS9	36	5180	Not Required	15.50	97.93
		40	5200		15.50	
		44	5220		15.50	
	802.11n-HT40 MCS9	48	5240		15.50	95.85
		38	5190		15.50	
		46	5230		15.50	
	802.11ac-VHT20 MCS9	36	5180		15.50	97.15
		40	5200		15.50	
		44	5220		15.50	95.88
	802.11ac-VHT40 MCS9	48	5240		15.50	
		38	5190		15.50	
		46	5230		15.50	91.84
	802.11ac-VHT80 MCS9	42	5210	15.49	15.50	

5GHz WLAN	Ant 3#4					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260		15.00	97.35
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n-HT20 MCS9	52	5260	Not Required	15.00	97.93
		56	5280		15.00	
		60	5300		15.00	
	802.11n-HT40 MCS9	64	5320		15.00	95.85
		54	5270		15.00	
		62	5310		15.00	
	802.11ac-VHT20 MCS9	52	5260		15.00	97.15
		56	5280		15.00	
		60	5300		15.00	95.88
	802.11ac-VHT40 MCS9	64	5320		15.00	
		54	5270		15.00	
		62	5310		15.00	91.84
	802.11ac-VHT80 MCS9	58	5290	13.96	15.00	

5GHz WLAN	Ant 3#4					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	15.00	97.35
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
		144	5720		15.00	
	802.11n-HT20 MCS9	100	5500		15.00	97.93
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
		144	5720		15.00	
	802.11ac-VHT40 MCS9	102	5510		15.00	95.85
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
		142	5710		15.00	
		100	5500		15.00	
	802.11ac-VHT20 MCS9	116	5580		15.00	97.15
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
		144	5720		15.00	
		102	5510		15.00	
802.11ac-VHT40 MCS9	110	5550	15.00	95.88		
	126	5630	15.00			
	134	5670	15.00			
	142	5710	15.00			
	106	5530	14.85		15.00	91.84
	122	5610	14.77		15.00	
138	5690	14.80	15.00			

Bluetooth Ant 4

BR / EDR

Power Table 2

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.99	6.70	6.71
	CH 39	2441	7.83	6.57	6.59
	CH 78	2480	7.93	6.66	6.75
Tune-up Limit			9	9	9

Power Table 1

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.69	12.19	12.20
	CH 39	2441	15.23	12.47	12.59
	CH 78	2480	15.28	12.72	12.67
Tune-up Limit			15.5	15.5	15.5

LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	9.00	
	CH 19	2440	8.70	
	CH 39	2480	8.50	
Tune-up Limit			9	

LE 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	
LE	CH 00	2402	9.00	
	CH 19	2440	8.80	
	CH 39	2480	8.50	
Tune-up Limit			9	



Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head																
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 38)	0	22	44	66	88	110	132
GSM850	GPRS (2 Tx slots)	824.2	128	N/A	N/A	Left Cheek	0mm	0.148	0.173	0.114	0.028	0.038	0.009	0.057	0.019	0.125
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 48)	1	23	45	67	89	111	133
GSM1900	GPRS (3 Tx slots)	1880	661	N/A	N/A	Right Cheek	0mm	0.123	0.144	0.064	0.007	0.035	0.054	0.035	0.026	0.03
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 48)	2	24	46	68	90	112	134
WCDMA B2	RMC12.2K	1852.4	9262	N/A	N/A	Left Cheek	0mm	0.249	0.288	0.191	0.057	0.257	0.057	0.219	0.076	0.106
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 55)	3	25	47	69	91	113	135
WCDMA B4	RMC12.2K	1732.6	1413	N/A	N/A	Left Cheek	0mm	0.262	0.297	0.266	0.085	0.171	0.095	0.143	0.028	0.128
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 119)	4	26	48	70	92	114	136
WCDMA B5	RMC12.2K	836.4	4182	N/A	N/A	Right Cheek	0mm	0.135	0.144	0.047	0.123	0.132	0.085	0.113	0.066	0.103
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 117)	5	27	49	71	93	115	137
CDMA BC0	1xRTT RC3 SO55	836.52	384	N/A	N/A	Left Cheek	0mm	0.058	0.052	0.012	0.021	0.012	0.021	0.012	0.031	0.041
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 49)	6	28	50	72	94	116	138
LTE B2	QPSK	1860	18700	1	0	Left Cheek	0mm	0.304	0.356	0.23	0.287	0.106	0.268	0.192	0.306	0.323
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 87)	7	29	51	73	95	117	139
LTE B2_Ant 2	QPSK	1860	18700	1	0	Left Cheek	0mm	0.054	0.0632	0.033	0.023	0.042	0.052	0.033	0.023	0.053
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 66)	8	30	52	74	96	118	140
LTE B7	QPSK	2535	21100	1	0	Left Cheek	0mm	0.186	0.222	0.03	0.163	0.087	0.106	0.172	0.096	0.119
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 23)	9	31	53	75	97	119	141
LTE B7_Ant 2	QPSK	2535	21100	1	0	Right Cheek	0mm	0.116	0.144	0.056	0.075	0.094	0.066	0.132	0.037	0.077
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 142)	10	32	54	76	98	120	142
LTE B12	QPSK	707.5	23095	1	0	Left Cheek	0mm	0.071	0.0774	0.047	0.056	0.047	0.066	0.047	0.047	0.057
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 67)	11	33	55	77	99	121	143
LTE B12_Ant 2	QPSK	707.5	23095	1	0	Left Cheek	0mm	0.033	0.0362	0.025	0.025	0.015	0.015	0.034	0.025	0.021
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 142)	12	34	56	78	100	122	0
LTE B13	QPSK	782	23230	1	0	Right Cheek	0mm	0.1	0.109	0.031	0.04	0.059	0.021	0.069	0.059	0.059
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 67)	13	35	57	79	101	123	1
LTE B13_Ant 2	QPSK	782	23230	1	0	Right Cheek	0mm	0.055	0.0595	0.029	0.029	0.058	0.038	0.029	0.038	0.048
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 121)	14	36	58	80	102	124	2
LTE B26	QPSK	831.5	26865	1	0	Right Cheek	0mm	0.12	0.13	0.08	0.09	0.061	0.023	0.08	0.052	0.065
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 67)	15	37	59	81	103	125	3
LTE B26_Ant 2	QPSK	831.5	26865	1	0	Left Cheek	0mm	0.047	0.0542	0.014	0.024	0.043	0.024	0.024	0.043	0.036
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 66)	16	38	60	82	104	126	4
LTE B41	QPSK	2593	40620	1	0	Right Tilted	0mm	0.077	0.0937	0.035	0.063	0.016	0.082	0.035	0.063	0.075
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 20)	17	39	61	83	105	127	5
LTE B41_Ant 2	QPSK	2506	39750	1	0	Right Tilted	0mm	0.076	0.042	0.011	0.021	0.011	0.011	0.002	0.03	0.033
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 56)	18	40	62	84	106	128	6
LTE B66	QPSK	1720	132072	1	0	Left Cheek	0mm	0.137	0.159	0.138	0.062	0.071	0.128	0.043	0.138	0.135
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 90)	19	41	63	85	107	129	7
LTE B66_Ant 2	QPSK	1720	132072	1	0	Left Cheek	0mm	0.069	0.0807	0.05	0.069	0.069	0.031	0.06	0.05	0.053
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 73)	20	42	64	86	108	130	8
LTE B71	QPSK	683	133322	1	0	Left Cheek	0mm	0.055	0.0584	0.018	0.047	0.047	0.056	0.018	0.037	0.039
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune (State 73)	21	43	65	87	109	131	9
LTE B71_Ant 2	QPSK	683	133322	1	0	Left Cheek	0mm	0.033	0.0355	0.024	0.014	0.024	0.014	0.034	0.034	0.034

Body																	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 38)	0	22	44	66	88	110	132
GSM850	GPRS (4 Tx slots)	824.2	128	N/A	N/A	Back	5mm		0.603	0.765	0.639	0.515	0.125	0.325	0.744	0.63	0.543
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 48)	1	23	45	67	89	111	133
GSM1900	GPRS (3 Tx slots)	1880	661	N/A	N/A	Bottom Side	5mm	Open	0.798	1.05	0.877	0.8	0.781	0.667	0.391	0.677	0.603
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 48)	2	24	46	68	90	112	134
WCDMA B2	RMC12.2K	1852.4	9262	N/A	N/A	Bottom Side	5mm	Close	0.756	0.858	0.475	0.827	0.542	0.551	0.361	0.427	0.537
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 34)	3	25	47	69	91	113	135
WCDMA B4	RMC12.2K	1752.6	1513	N/A	N/A	Bottom Side	5mm	Close	0.638	0.805	0.651	0.346	0.593	0.527	0.632	0.374	0.484
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 119)	4	26	48	70	92	114	136
WCDMA B5	RMC12.2K	836.4	4182	N/A	N/A	Back	5mm	Open	0.735	1.08	0.64	1.03	1.049	0.173	0.707	1.059	0.989
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 117)	5	27	49	71	93	115	137
CDMA BC0	EVDO 153.6bpsk	836.52	384	N/A	N/A	Back	5mm	Open	0.694	0.783	0.191	0.762	0.4	0.571	0.591	0.505	0.615
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 88)	6	28	50	72	94	116	138
LTE B2	QPSK	1880	18900	1	0	Back	5mm	Close	0.628	0.733	0.36	0.312	0.121	0.598	0.274	0.255	0.289
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 87)	7	29	51	73	95	117	139
LTE B2_Ant 2	QPSK	1860	18700	1	0	Front	5mm	Open	0.576	0.955	0.753	0.343	0.648	0.124	0.153	0.667	0.706
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 66)	8	30	52	74	96	118	140
LTE B7	QPSK	2535	21100	1	0	Bottom Side	5mm	Open	0.62	0.868	0.685	0.361	0.818	0.799	0.514	0.514	0.599
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 23)	9	31	53	75	97	119	141
LTE B7_Ant 2	QPSK	2560	21350	1	0	Bottom Side	5mm	Close	0.711	1.29	0.669	0.593	0.317	0.64	0.24	0.117	0.817
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 142)	10	32	54	76	98	120	142
LTE B12	QPSK	707.5	23095	1	0	Back	5mm	Close	0.386	0.5	0.45	0.079	0.127	0.365	0.479	0.088	0.235
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 67)	11	33	55	77	99	121	143
LTE B12_Ant 2	QPSK	707.5	23095	1	0	Bottom Side	5mm	Close	0.233	0.548	0.451	0.222	0.422	0.108	0.517	0.317	0.482
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 142)	12	34	56	78	100	122	0
LTE B13	QPSK	782	23230	1	0	Back	5mm	Close	0.502	0.628	0.616	0.293	0.302	0.578	0.426	0.416	0.466
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 67)	13	35	57	79	101	123	1
LTE B13_Ant 2	QPSK	782	23230	1	0	Back	5mm	Close	0.361	0.807	0.776	0.376	0.415	0.405	0.748	0.691	0.731
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 121)	14	36	58	80	102	124	2
LTE B26	QPSK	831.5	26865	1	0	Back	5mm	Close	0.636	0.79	0.75	0.778	0.083	0.502	0.655	0.236	0.534
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 67)	15	37	59	81	103	125	3
LTE B26_Ant 2	QPSK	841.5	26965	1	0	Back	5mm	Close	0.565	0.997	0.319	0.195	0.109	0.805	0.233	0.833	0.768
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 66)	16	38	60	82	104	126	4
LTE B41	QPSK	2593	40620	1	0	Bottom Side	5mm	Close	0.759	2.14	0.576	1.128	0.509	0.909	0.262	0.976	0.979
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 20)	17	39	61	83	105	127	5
LTE B41_Ant 2	QPSK	2593	40620	1	0	Bottom Side	5mm	Open	0.607	1.24	1.2	0.8	0.4	0.381	0.438	0.562	0.599
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 56)	18	40	62	84	106	128	6
LTE B66	QPSK	1770	132572	1	0	Bottom Side	5mm	Open	0.679	0.876	0.455	0.474	0.379	0.131	0.512	0.712	0.749
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 90)	19	41	63	85	107	129	7
LTE B66_Ant 2	QPSK	1720	132072	1	0	Back	5mm	Close	0.477	0.742	0.378	0.569	0.245	0.34	0.34	0.378	0.528
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 73)	20	42	64	86	108	130	8
LTE B71	QPSK	683	133322	1	0	Bottom Side	5mm	Close	0.432	0.997	0.547	0.862	0.347	0.681	0.405	0.357	0.771
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
										Auto-Tune (State 73)	21	43	65	87	109	131	9
LTE B71_Ant 2	QPSK	683	133322	1	0	Bottom Side	5mm	Close	0.18	0.443	0.403	0.146	0.022	0.26	0.393	0.165	0.412