

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		Frame Average Power (dBm)		
TX Channel		128	189	251	Limit		128	189	251
Frequency (MHz)		824.2	824.4	844.8	(dBm)		824.2	824.4	844.8
GSM 1 Tx slot		32.03	32.25	32.42	33.50		23.03	23.25	23.42
GPRS 1 Tx slot		32.16	32.15	32.30	33.50		23.16	23.15	23.30
GPRS 2 Tx slots		30.99	30.69	30.52	32.50		24.99	24.69	24.52
GPRS 3 Tx slots		29.77	29.69	29.83	30.50		23.51	23.43	25.27
GPRS 4 Tx slots		27.52	27.02	27.43	28.50		24.52	24.02	24.43
EDGE 1 Tx slot		25.69	25.65	25.53	27.00		16.69	16.65	16.53
EDGE 2 Tx slots		24.77	24.61	24.80	25.50		18.77	18.61	18.60
EDGE 3 Tx slots		22.99	23.07	22.83	24.00		18.73	18.87	19.14
EDGE 4 Tx slots		21.64	21.72	21.28	22.50		18.64	18.72	18.28

DSI2&4&6									
GSM1900		Burst Average Power (dBm)			Tune-up Limit		Frame Average Power (dBm)		
TX Channel		512	861	810	Limit		512	861	810
Frequency (MHz)		1850.2	1880	1909.8	(dBm)		1850.2	1880	1909.8
GSM 1 Tx slot		28.90	28.77	28.52	30.50		19.90	19.77	19.52
GPRS 1 Tx slot		28.80	28.70	28.55	30.50		19.80	19.70	19.55
GPRS 2 Tx slots		28.61	28.44	28.36	29.50		22.61	22.44	22.36
GPRS 3 Tx slots		26.67	26.52	26.60	28.00		22.41	22.26	22.34
GPRS 4 Tx slots		24.72	24.61	24.70	26.00		21.72	21.61	21.70
EDGE 1 Tx slot		24.75	24.72	24.54	26.00		15.75	15.72	15.54
EDGE 2 Tx slots		23.58	23.48	23.51	24.50		17.58	17.48	17.51
EDGE 3 Tx slots		21.89	21.70	21.89	23.00		17.63	17.44	17.63
EDGE 4 Tx slots		20.53	20.74	20.66	21.50		17.53	17.74	17.66

DSI 2&4												
Band		WCDMA II			Tune-up Limit		WCDMA IV			Tune-up Limit		WCDMA V
TX Channel		9262	9400	9538	Limit		1312	1413	1513	Limit		4132
RX Channel		9682	9800	9938	(dBm)		1537	1638	1738	(dBm)		4567
Frequency (MHz)		1852.4	1880	1907.6			1924.4	1932.6	1924.6			826.4
3GPP Rel 99		AMR 12.2Kbps	22.94	22.89	22.81	24.00	23.05	23.12	23.09	24.00	23.02	23.04
3GPP Rel 99		RM-C 12.2Kbps	23.23	22.93	22.83	24.00	23.10	23.14	23.10	24.00	23.04	23.06
3GPP Rel 6		HSDPA Subtest-1	22.16	21.92	21.99	23.00	21.92	22.03	21.93	23.00	21.96	21.81
3GPP Rel 6		HSDPA Subtest-2	22.21	21.52	21.95	23.00	21.97	22.13	21.97	23.00	21.93	21.58
3GPP Rel 6		HSDPA Subtest-3	21.68	21.41	21.43	22.50	21.53	21.63	21.47	22.50	21.42	21.32
3GPP Rel 6		HSDPA Subtest-4	21.74	21.50	21.35	22.50	21.48	21.57	21.51	22.50	21.41	21.00
3GPP Rel 6		DC-HSDPA Subtest-1	22.15	21.89	21.86	23.00	21.87	22.07	21.93	23.00	21.88	21.82
3GPP Rel 6		DC-HSDPA Subtest-2	22.25	21.67	21.94	23.00	21.93	22.03	21.93	23.00	21.90	21.51
3GPP Rel 6		DC-HSDPA Subtest-3	21.70	21.41	21.46	22.50	21.44	21.58	21.37	22.50	21.39	21.29
3GPP Rel 6		DC-HSDPA Subtest-4	21.66	21.34	21.15	22.50	21.39	21.57	21.42	22.50	21.43	20.98
3GPP Rel 6		HSUPA Subtest-1	22.26	21.95	22.00	23.00	21.97	22.04	21.92	23.00	21.89	21.87
3GPP Rel 6		HSUPA Subtest-2	20.26	19.92	19.99	21.00	19.91	20.08	19.97	21.00	19.88	19.59
3GPP Rel 6		HSUPA Subtest-3	21.24	20.93	21.04	22.00	20.97	21.01	20.97	22.00	20.85	20.76
3GPP Rel 6		HSUPA Subtest-4	20.27	20.03	19.90	21.00	20.00	20.12	19.95	21.00	19.87	19.75
3GPP Rel 6		HSUPA Subtest-5	22.21	21.92	22.00	23.00	21.96	22.02	22.50	23.00	21.97	21.65

DSI 2&4&6												
Band		CDMA BC0			Tune-up Limit		CDMA BC1			Tune-up Limit		CDMA BC10
TX Channel		1018	364	777	Limit		25	600	1175	Limit		476
Frequency (MHz)		824.7	836.52	848.51	(dBm)		1861.25	1860	1908.75	(dBm)		817.9
RC1 S055		24.03	24.15	24.12	25.00		23.87	23.97	24.02	25.00		23.82
RC3 S055		24.06	24.16	24.14	25.00		23.99	24.00	23.97	25.00		23.79
RC3 S030 (F-SCH)		24.05	24.14	24.14	25.00		23.98	24.00	24.00	25.00		23.80
RC3 S020 (F-SCH)		24.05	24.12	24.14	25.00		24.00	24.01	23.99	25.00		23.80
RTAP 153.6Kbps		24.12	24.17	24.10	25.00		24.06	24.15	24.13	25.00		23.92
RETAP 4096Kbps		24.11	24.13	24.08	25.00		24.07	24.14	24.11	25.00		23.90

Band 2_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														
Frequency (MHz)														
20	QPSK	1	0	22.96	22.76	22.67	24	0						
20	QPSK	1	49	22.82	22.61	22.60								
20	QPSK	1	99	22.70	22.58	22.62								
20	QPSK	50	0	22.07	21.79	21.75								
20	QPSK	50	24	22.06	21.78	21.78								
20	QPSK	50	50	21.91	21.77	21.86	23	1						
20	QPSK	100	0	21.97	21.78	21.76								
20	16QAM	1	0	22.30	22.07	22.03								
20	16QAM	1	49	22.16	21.97	21.98								
20	16QAM	1	99	22.06	21.92	21.96								
20	16QAM	50	0	21.08	20.80	20.77	22	2						
20	16QAM	50	24	21.05	20.81	20.80								
20	16QAM	50	50	20.94	20.78	20.87								
20	16QAM	100	0	20.95	20.78	20.77								
20	64QAM	1	0	21.19	20.99	20.90								
20	64QAM	1	49	21.05	20.86	20.87	22	2						
20	64QAM	1	99	20.91	20.84	20.88								
20	64QAM	50	0	20.11	19.80	19.78								
20	64QAM	50	24	20.09	19.82	19.82								
20	64QAM	50	50	19.97	19.80	19.87								
20	64QAM	100	0	19.99	19.81	19.79	21	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	18.675	18.600	19.125					24	0		
15	QPSK	1	37	18.720	18.730	19.000								
15	QPSK	1	74	18.765	18.730	19.000								
15	QPSK	36	0	22.07	21.75	22.52								
15	QPSK	36	20	21.98	21.76	21.73								
15	QPSK	36	39	21.85	21.74	21.81	23	1						
15	QPSK	75	0	21.96	21.70	21.73								
15	16QAM	1	0	22.23	22.06	22.01								
15	16QAM	1	37	22.09	21.95	21.92								
15	16QAM	1	74	22.06	21.86	21.94								
15	16QAM	36	0	21.03	20.72	20.73	22	2						
15	16QAM	36	20	20.99	20.73	20.76								
15	16QAM	36	39	20.91	20.69	20.81								
15	16QAM	75	0	20.86	20.73	20.73								
15	64QAM	1	0	21.13	20.95	20.85								
15	64QAM	1	37	21.02	20.77	20.80	22	2						
15	64QAM	1	74	20.86	20.83	20.84								
15	64QAM	36	0	20.11	19.71	19.74								
15	64QAM	36	20	20.04	19.75	19.74								
15	64QAM	36	39	19.94	19.79	19.81								
15	64QAM	75	0	19.95	19.74	19.78	21	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.89	22.72	22.62					24	0		
10	QPSK	1	25	22.77	22.56	22.51								
10	QPSK	1	49	22.61	22.48	22.57								
10	QPSK	25	0	22.03	21.69	21.75								
10	QPSK	25	12	21.97	21.71	21.78								
10	QPSK	25	25	21.85	21.72	21.76	23	1						
10	QPSK	50	0	21.97	21.68	21.76								
10	16QAM	1	0	22.22	21.97	21.95								
10	16QAM	1	25	22.06	21.90	21.93								
10	16QAM	1	49	21.97	21.91	21.94								
10	16QAM	25	0	21.01	20.79	20.68	22	2						
10	16QAM	25	12	21.00	20.76	20.77								
10	16QAM	25	25	20.87	20.73	20.79								
10	16QAM	50	0	20.93	20.68	20.73								
10	64QAM	1	0	21.15	20.98	20.84								
10	64QAM	1	25	21.05	20.83	20.81	22	2						
10	64QAM	1	49	20.86	20.81	20.82								
10	64QAM	25	0	20.08	19.78	19.75								
10	64QAM	25	12	20.01	19.81	19.79								
10	64QAM	25	25	19.87	19.73	19.77								
10	64QAM	50	0	19.98	19.75	19.79	21	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.86	22.67	22.63					24	0		
5	QPSK	1	12	22.72	22.59	22.61								
5	QPSK	1	24	22.66	22.48	22.50								
5	QPSK	12	0	22.07	21.73	21.66								
5	QPSK	12	7	21.97	21.76	21.74								
5	QPSK	12	13	21.82	21.71	21.78	23	1						
5	QPSK	25	0	21.94	21.70	21.70								
5	16QAM	1	0	22.21	22.07	22.01								
5	16QAM	1	12	22.08	21.97	21.92								
5	16QAM	1	24	22.01	21.88	21.91								
5	16QAM	12	0	20.99	20.72	20.71	22	2						
5	16QAM	12	7	20.99	20.80	20.72								
5	16QAM	12	13	20.86	20.71	20.81								
5	16QAM	25	0	20.91	20.77	20.72								
5	64QAM	1	0	21.11	20.96	20.81								
5	64QAM	1	12	20.98	20.80	20.86	22	2						
5	64QAM	1	24	20.84	20.83	20.83								
5	64QAM	12	0	20.05	19.79	19.75								
5	64QAM	12	7	20.02	19.74	19.81								
5	64QAM	12	13	19.91	19.74	19.84								
5	64QAM	25	0	19.97	19.75	19.69	21	3						
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.89	22.76	22.64					24	0		
3	QPSK	1	8	22.81	22.58	22.55								
3	QPSK	1	14	22.67	22.57	22.61								
3	QPSK	8	0	22.06	21.75	21.74								
3	QPSK	8	4	21.99	21.74	21.75								
3	QPSK	8	7	21.82	21.76	21.84	23	1						
3	QPSK	15	0	21.88	21.71	21.73								
3	16QAM	1	0	22.26	21.97	21.99								
3	16QAM	1	8	22.09	21.93	21.93								
3	16QAM	1	14	22.01	21.87	21.87								
3	16QAM	8	0	21.05	20.77	20.69	22	2						
3	16QAM	8	4	21.04	20.76	20.74								
3	16QAM	8	7	20.89	20.74	20.80								
3	16QAM	15	0	20.93	20.73	20.70								
3	64QAM	1	0	21.14	20.95	20.80								
3	64QAM	1	8	20.95	20.84	20.84	22	2						
3	64QAM	1	14	20.86	20.79	20.83								
3	64QAM	8	0	20.05	19.79	19.74								
3	64QAM	8	4	20.01	19.80	19.74								
3	64QAM	8	7	19.95	19.80	19.82								
3	64QAM	15	0	19.97	19.71	19.72	21	3						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.95	22.72	22.57					24	0		
1.4	QPSK	1	3	22.79	22.54	22.57								
1.4	QPSK	1	5	22.60	22.49	22.55								
1.4	QPSK	3	0	22.75	22.83	22.79								
1.4	QPSK	3	1	22.85	22.85	22.89								
1.4	QPSK	3	3	22.85	22.88	22.81	23	1						
1.4	QPSK	6	0	21.87	21.78	21.74								
1.4	16QAM	1	0	22.30	22.05	22.03								
1.4	16QAM	1	3	22.12	21.91	21.93								
1.4	16QAM	3	0	22.20	22.22	22.26								
1.4	16QAM	3	1	22.20	22.21	22.18	23	1						
1.4	16QAM	3	3	22.19	22.17	22.20								
1.4	16QAM	6	0	20.87	20.76	20.70								
1.4	64QAM	1	0	20.96	20.80	20.80								
1.4	64QAM	1	3	20.95	20.77	20.82								
1.4	64QAM	1	5	20.86	20.79	20.81	22	2						
1.4	64QAM	3	0	21.09	21.09	21.05								
1.4	64QAM	3	1	21.08	21.09	21.08								
1.4	64QAM	3	3	21.08	21.05	21.10								
1.4	64QAM	6	0	19.92	19.74	19.76								

Band 2_Ant2 DSI 284&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										
Frequency (MHz)				1850	1860	1900				
20	QPSK	1	0	20.93	20.68	20.69			22	0
20	QPSK	1	49	20.81	20.59	20.60				
20	QPSK	1	99	20.67	20.54	20.58				
20	QPSK	50	0	19.94	19.71	19.69				
20	QPSK	50	24	19.91	19.70	19.71			21	1
20	QPSK	50	50	19.78	19.76	19.78				
20	QPSK	100	0	19.81	19.72	19.68				
20	16QAM	1	0	20.37	20.07	20.03				
20	16QAM	1	49	20.17	20.00	19.91			21	1
20	16QAM	1	99	20.03	19.94	19.92				
20	16QAM	50	0	18.85	18.72	18.71				
20	16QAM	50	24	18.83	18.76	18.78			20	2
20	16QAM	50	50	18.82	18.71	18.81				
20	16QAM	100	0	18.86	18.73	18.71				
20	64QAM	1	0	19.18	18.98	18.81				
20	64QAM	1	49	19.04	18.87	18.76			20	2
20	64QAM	1	99	18.85	18.83	18.77				
20	64QAM	50	0	17.97	17.73	17.73				
20	64QAM	50	24	17.96	17.75	17.75			19	3
20	64QAM	50	50	17.83	17.74	17.81				
20	64QAM	100	0	17.86	17.75	17.72				
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	20.83	20.60	20.61				
15	QPSK	1	37	20.78	20.57	20.59			22	0
15	QPSK	1	74	20.62	20.51	20.51				
15	QPSK	36	0	19.88	19.70	19.56				
15	QPSK	36	20	19.83	19.67	19.62			21	1
15	QPSK	36	39	19.70	19.62	19.70				
15	QPSK	75	0	19.73	19.69	19.64				
15	16QAM	1	0	20.33	20.00	20.01				
15	16QAM	1	37	20.07	19.93	19.91				
15	16QAM	1	74	20.01	19.91	19.88				
15	16QAM	36	0	18.94	18.63	18.61				
15	16QAM	36	20	18.86	18.69	18.70			20	2
15	16QAM	36	39	18.74	18.69	18.78				
15	16QAM	75	0	18.65	18.64	18.67				
15	64QAM	1	0	19.14	18.93	18.79				
15	64QAM	1	37	18.95	18.77	18.76			20	2
15	64QAM	1	74	18.78	18.81	18.88				
15	64QAM	36	0	17.97	17.63	17.68				
15	64QAM	36	20	17.96	17.74	17.74				
15	64QAM	36	39	17.76	17.65	17.73			19	3
15	64QAM	75	0	17.80	17.75	17.72				
Channel				1867.5	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	20.85	20.61	20.68				
10	QPSK	1	25	20.77	20.56	20.56			22	0
10	QPSK	1	49	20.65	20.53	20.54				
10	QPSK	25	0	19.85	19.65	19.62				
10	QPSK	25	12	19.89	19.60	19.66			21	1
10	QPSK	25	25	19.74	19.63	19.58				
10	QPSK	50	0	19.74	19.63	19.74				
10	16QAM	1	0	20.29	19.98	20.01				
10	16QAM	1	25	20.08	20.00	19.84			21	1
10	16QAM	1	49	19.83	19.89	19.90				
10	16QAM	25	0	18.86	18.71	18.71				
10	16QAM	25	12	18.86	18.69	18.70				
10	16QAM	25	25	18.76	18.63	18.62			20	2
10	16QAM	50	0	18.81	18.70	18.61				
10	64QAM	1	0	19.18	18.98	18.78				
10	64QAM	1	25	18.96	18.80	18.76			20	2
10	64QAM	1	49	18.81	18.81	18.80				
10	64QAM	25	0	17.87	17.67	17.68				
10	64QAM	25	12	17.91	17.69	17.70			19	3
10	64QAM	25	25	17.77	17.67	17.79				
10	64QAM	50	0	17.77	17.69	17.67				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.84	20.61	20.64				
5	QPSK	1	12	20.73	20.59	20.51			22	0
5	QPSK	1	24	20.66	20.52	20.52				
5	QPSK	12	0	19.87	19.71	19.65				
5	QPSK	12	7	19.83	19.69	19.67			21	1
5	QPSK	12	13	19.76	19.68	19.76				
5	QPSK	25	0	19.76	19.66	19.68				
5	16QAM	1	0	20.29	20.01	20.02				
5	16QAM	1	12	20.12	19.97	19.82			21	1
5	16QAM	12	7	19.83	18.69	18.66				
5	16QAM	12	13	18.93	18.73	18.66				
5	16QAM	25	0	18.76	18.63	18.76			20	2
5	16QAM	25	0	18.85	18.67	18.65				
5	16QAM	1	0	19.17	18.93	18.77				
5	64QAM	1	12	18.97	18.79	18.67			20	2
5	64QAM	1	24	18.79	18.83	18.73				
5	64QAM	12	0	17.90	17.70	17.70				
5	64QAM	12	7	17.96	17.70	17.66			19	3
5	64QAM	12	13	17.76	17.67	17.78				
5	64QAM	25	0	17.76	17.70	17.62				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.87	20.65	20.65				
3	QPSK	1	8	20.73	20.55	20.59			22	0
3	QPSK	1	14	20.63	20.52	20.50				
3	QPSK	8	0	19.99	19.82	19.67				
3	QPSK	8	4	19.81	19.67	19.61			21	1
3	QPSK	8	7	19.70	19.69	19.69				
3	QPSK	15	0	19.81	19.63	19.62				
3	16QAM	1	0	20.36	20.01	20.00			21	1
3	16QAM	1	8	20.15	19.90	19.87				
3	16QAM	1	14	20.01	19.86	19.83				
3	16QAM	8	0	19.90	19.69	19.67				
3	16QAM	8	4	18.67	18.68	18.68				
3	16QAM	8	7	18.74	18.70	18.74			20	2
3	16QAM	15	0	18.81	18.72	18.61				
3	64QAM	1	0	19.14	18.88	18.77				
3	64QAM	1	8	19.02	18.82	18.71			20	2
3	64QAM	1	14	18.78	18.83	18.70				
3	64QAM	8	0	17.87	17.72	17.84				
3	64QAM	8	4	17.96	17.68	17.70			19	3
3	64QAM	8	7	17.83	17.66	17.74				
3	64QAM	15	0	17.83	17.65	17.71				
Channel				1850.7	18800	19093.3	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	18800	19093.3				
1.4	QPSK	1	0	20.87	20.65	20.64				
1.4	QPSK	1	3	20.79	20.54	20.55			22	0
1.4	QPSK	1	5	20.60	20.51	20.54				
1.4	QPSK	3	0	19.84	19.68	19.67				
1.4	QPSK	3	1	19.87	19.66	19.70				
1.4	QPSK	3	1	19.86	19.69	19.70			21	1
1.4	QPSK	6	0	17.79	17.69	17.63				
1.4	16QAM	1	0	20.35	20.02	19.93				
1.4	16QAM	1	3	20.11	19.90	19.81				
1.4	16QAM	1	5	20.02	19.86	19.85			21	1
1.4	16QAM	3	0	19.91	18.69	18.63				
1.4	16QAM	3	1	19.86	18.66	18.69				
1.4	16QAM	3	3	17.83	17.61	18.72			20	2
1.4	64QAM	1	0	19.09	18.98	18.71				
1.4	64QAM	1	3	19.03	18.83	18.70				
1.4	64QAM	1	5	18.85	18.82	18.77			20	2
1.4	64QAM	3	0	17.97	17.67	17.72				
1.4	64QAM	3	1	17.87	17.71	17.68				
1.4	64QAM	3	3	17.73	17.72	17.72				
1.4	64QAM	6	0	17.79	17.72	17.71			19	3

Band 4_Ant 2 DSI 28486										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.92	20.95	20.98	22	0		
20	QPSK	1	49	20.71	20.75	20.70				
20	QPSK	1	99	20.69	20.68	20.62				
20	QPSK	50	0	19.94	19.97	19.91				
20	QPSK	50	24	19.92	19.88	19.91				
20	QPSK	50	50	19.85	19.86	19.80	21	1		
20	QPSK	100	0	19.91	19.92	19.86				
20	16QAM	1	0	20.28	20.30	20.26				
20	16QAM	1	49	20.09	20.11	20.04				
20	16QAM	1	99	20.04	20.02	19.95				
20	16QAM	50	0	18.95	19.00	18.93	20	2		
20	16QAM	50	24	18.95	18.90	18.90				
20	16QAM	50	50	18.86	18.89	17.93				
20	16QAM	100	0	18.91	18.89	18.89				
20	64QAM	1	0	19.10	19.13	19.07				
20	64QAM	1	49	18.93	18.97	18.90	20	2		
20	64QAM	1	99	18.95	18.94	18.90				
20	64QAM	50	0	17.96	18.03	17.94				
20	64QAM	50	24	17.99	17.94	17.94				
20	64QAM	50	50	17.89	17.91	17.84				
20	64QAM	100	0	17.97	17.90	17.93	19	3		
20	64QAM	50	50	17.89	17.91	17.84				
20	64QAM	100	0	17.97	17.90	17.93				
20	64QAM	50	24	17.99	17.94	17.94				
20	64QAM	50	50	17.87	17.91	17.84				
20	64QAM	100	0	17.97	17.90	17.93				
20	64QAM	50	24	17.99	17.94	17.94				
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.90	20.87	20.78	22	0		
15	QPSK	1	37	20.65	20.66	20.69				
15	QPSK	1	74	20.67	20.60	20.63				
15	QPSK	36	0	19.85	19.89	19.84				
15	QPSK	36	20	19.85	19.79	19.87				
15	QPSK	36	39	19.79	19.84	19.78	21	1		
15	QPSK	75	0	19.90	19.85	19.82				
15	16QAM	1	0	20.26	20.28	20.23				
15	16QAM	1	37	20.08	20.06	20.02				
15	16QAM	1	74	19.96	20.00	19.93				
15	16QAM	36	0	18.94	18.92	18.89	20	2		
15	16QAM	36	20	18.90	18.82	18.85				
15	16QAM	36	39	18.78	18.79	18.76				
15	16QAM	75	0	18.83	18.89	18.84				
15	64QAM	1	0	19.07	19.13	19.09				
15	64QAM	1	37	18.90	18.95	18.92	20	2		
15	64QAM	1	74	18.89	18.84	18.86				
15	64QAM	36	0	17.94	17.97	17.93				
15	64QAM	36	20	17.90	17.94	17.90				
15	64QAM	36	39	17.79	17.87	17.82				
15	64QAM	75	0	17.92	17.82	17.86	19	3		
15	64QAM	36	20	17.90	17.94	17.90				
15	64QAM	36	39	17.79	17.87	17.82				
15	64QAM	75	0	17.92	17.82	17.86				
15	64QAM	36	20	17.90	17.94	17.90				
15	64QAM	36	39	17.79	17.87	17.82				
15	64QAM	75	0	17.92	17.82	17.86				
Channel										
Frequency (MHz)										
10	QPSK	1	0	20.89	20.88	20.87	22	0		
10	QPSK	1	25	20.71	20.72	20.60				
10	QPSK	1	49	20.66	20.64	20.52				
10	QPSK	25	0	19.85	19.93	19.81				
10	QPSK	25	12	19.84	19.85	19.81				
10	QPSK	25	25	19.83	19.86	19.79	21	1		
10	QPSK	50	0	19.85	19.88	19.81				
10	16QAM	1	0	20.18	20.23	20.16				
10	16QAM	1	25	20.08	20.01	19.96				
10	16QAM	1	49	19.96	19.97	19.90				
10	16QAM	25	0	18.91	18.99	18.83	20	2		
10	16QAM	25	12	18.95	18.93	18.92				
10	16QAM	25	25	18.83	18.83	18.77				
10	16QAM	50	0	18.90	18.81	18.80				
10	64QAM	1	0	19.10	19.10	18.97				
10	64QAM	1	25	18.83	18.91	18.83	20	2		
10	64QAM	1	49	18.86	18.93	18.81				
10	64QAM	25	0	17.95	17.93	17.84				
10	64QAM	25	12	17.96	17.88	17.92				
10	64QAM	25	25	17.87	17.85	17.75				
10	64QAM	50	0	17.90	17.82	17.93	19	3		
10	64QAM	25	25	17.87	17.85	17.75				
10	64QAM	50	0	17.90	17.82	17.93				
10	64QAM	25	25	17.87	17.85	17.75				
10	64QAM	50	0	17.90	17.82	17.93				
10	64QAM	25	25	17.87	17.85	17.75				
10	64QAM	50	0	17.90	17.82	17.93				
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.90	20.88	20.85	22	0		
5	QPSK	1	12	20.62	20.66	20.67				
5	QPSK	1	24	20.60	20.60	20.56				
5	QPSK	12	0	19.87	19.92	19.83				
5	QPSK	12	7	19.84	19.87	19.84				
5	QPSK	12	13	19.82	19.76	19.77	21	1		
5	QPSK	25	0	19.82	19.90	19.81				
5	16QAM	1	0	20.18	20.20	20.17				
5	16QAM	1	12	20.05	20.07	19.99				
5	16QAM	1	24	20.04	19.94	19.87				
5	16QAM	12	0	18.91	18.95	18.84	20	2		
5	16QAM	12	7	18.91	18.86	18.80				
5	16QAM	12	13	18.79	18.83	18.79				
5	16QAM	25	0	18.83	18.87	18.83				
5	64QAM	1	0	19.07	19.11	19.01				
5	64QAM	1	12	18.90	18.94	18.86	20	2		
5	64QAM	1	24	18.93	18.93	18.83				
5	64QAM	12	0	17.89	18.02	17.91				
5	64QAM	12	7	17.88	17.91	17.84				
5	64QAM	12	13	17.86	17.81	17.74				
5	64QAM	25	0	17.89	17.83	17.90	19	3		
5	64QAM	12	13	17.86	17.81	17.74				
5	64QAM	25	0	17.89	17.83	17.90				
5	64QAM	12	13	17.86	17.81	17.74				
5	64QAM	25	0	17.89	17.83	17.90				
5	64QAM	12	13	17.86	17.81	17.74				
5	64QAM	25	0	17.89	17.83	17.90				
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.88	20.91	20.80	22	0		
3	QPSK	1	8	20.68	20.75	20.60				
3	QPSK	1	14	20.66	20.59	20.53				
3	QPSK	8	0	19.94	19.96	19.90				
3	QPSK	8	4	19.92	19.81	19.91				
3	QPSK	8	7	19.79	19.77	19.76	21	1		
3	QPSK	15	0	19.84	19.89	19.85				
3	16QAM	1	0	20.27	20.26	20.26				
3	16QAM	1	8	20.03	20.04	19.98				
3	16QAM	1	14	19.97	19.95	19.88				
3	16QAM	8	4	18.88	18.89	18.86	20	2		
3	16QAM	8	7	18.79	18.89	18.70				
3	16QAM	15	0	19.81	18.80	18.80				
3	64QAM	1	0	19.03	19.05	19.05				
3	64QAM	1	8	18.85	18.97	18.84				
3	64QAM	1	14	18.90	18.89	18.82	20	2		
3	64QAM	8	4	17.93	18.02	17.91				
3	64QAM	8	4	17.94	17.91	17.84				
3	64QAM	8	7	17.83	17.83	17.82				
3	64QAM	15	0	17.95	17.86	17.50				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	20.86	20.91	20.83	22	0		
1.4	QPSK	1	3	20.67	20.75	20.67				
1.4	QPSK	1	5	20.63	20.67	20.54				
1.4	QPSK	3	0	20.85	20.88	20.74				
1.4	QPSK	3	1	20.57	20.69	20.64				
1.4	QPSK	3	2	20.32	20.35	20.27	21	1		
1.4	QPSK	6	0	19.90	19.89	19.79				
1.4	16QAM	1	0	20.27	20.23	20.17				
1.4	16QAM	1	3	20.05	20.05	20.04				
1.4	16QAM	1	5	20.22	20.23	20.14				
1.4	16QAM	3	0	19.99	19.98	19.95	21	1		
1.4	16QAM	3	1	19.90	19.92	19.85				
1.4	16QAM	3	3	18.94	18.99	17.83				
1.4	64QAM	1	0	18.88	18.80	18.85				
1.4	64QAM	1	3	19.05	19.12	18.99				
1.4	64QAM	1	3	18.85	18.97	18.87	20	2		
1.4	64QAM	1	5	18.92	18.91	18.80				
1.4	64QAM	3	0	18.97	19.09	18.92				
1.4	64QAM	3	1	17.76	18.89	17.87				
1.4	64QAM	3	3	18.89	18.82	18.72				
1.4	64QAM	6	0	17.95	17.90	17.93	19	3		
1.4	64QAM	6	0	17.95	17.90	17.93				
1.4	64QAM	6	0	17.95	17.90	17.93				

Band 7_Ant 1 DSI 2&4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	22.51	23.22	22.66	24	0	
20	QPSK	1	49	22.58	23.13	22.66			
20	QPSK	1	99	22.63	23.16	22.42			
20	QPSK	50	0	21.61	22.28	21.81			
20	QPSK	50	24	21.74	22.20	21.83	23	1	
20	QPSK	50	50	21.73	22.21	21.73			
20	QPSK	100	0	21.73	22.20	21.85			
20	16QAM	1	0	21.88	22.39	22.01			
20	16QAM	1	49	21.95	22.45	22.02	23	1	
20	16QAM	1	99	22.01	22.48	21.90			
20	16QAM	50	0	20.62	21.16	20.81			
20	16QAM	50	24	20.74	21.22	20.85			
20	16QAM	50	50	20.79	21.22	20.77	22	2	
20	16QAM	100	0	20.74	21.18	20.83			
20	64QAM	1	0	20.72	21.25	20.90			
20	64QAM	1	49	20.85	21.36	20.88			
20	64QAM	1	99	20.92	21.04	20.15	21	3	
20	64QAM	50	0	19.66	20.20	19.85			
20	64QAM	50	24	19.67	20.24	19.87			
20	64QAM	50	50	19.81	20.26	19.79			
20	64QAM	100	0	19.75	20.20	19.86	Channel		
Frequency (MHz)				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
				2507.5	2535	2562.5			
15	QPSK	1	0	22.51	23.19	22.63	24	0	
15	QPSK	1	37	22.53	23.06	22.66			
15	QPSK	1	74	22.58	23.11	22.33			
15	QPSK	36	0	21.58	22.04	21.77			
15	QPSK	36	20	21.72	22.17	21.73	23	1	
15	QPSK	36	39	21.68	22.14	21.63			
15	QPSK	75	0	21.69	22.10	21.81			
15	16QAM	1	0	21.82	22.32	21.99			
15	16QAM	1	37	21.92	22.39	21.92	23	1	
15	16QAM	1	74	21.99	22.38	21.99			
15	16QAM	36	0	20.59	21.16	20.80			
15	16QAM	36	20	20.66	21.15	20.81			
15	16QAM	36	39	20.72	21.15	20.67	22	2	
15	16QAM	75	0	20.67	21.18	20.76			
15	64QAM	1	0	20.70	21.23	20.85			
15	64QAM	1	37	20.77	21.35	20.85			
15	64QAM	1	74	20.85	20.97	20.07	22	2	
15	64QAM	36	0	19.60	20.13	19.76			
15	64QAM	36	20	19.73	20.17	19.82			
15	64QAM	36	39	19.79	20.20	19.70			
15	64QAM	75	0	19.68	20.10	19.82	Channel		
Frequency (MHz)				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
				2505	2535	2565			
10	QPSK	1	0	22.47	23.15	22.60	24	0	
10	QPSK	1	25	22.56	23.07	22.57			
10	QPSK	1	49	22.53	23.06	22.38			
10	QPSK	25	0	21.53	22.10	21.77			
10	QPSK	25	12	21.64	22.15	21.82	23	1	
10	QPSK	25	25	21.67	22.19	21.67			
10	QPSK	50	0	21.64	22.12	21.80			
10	16QAM	1	0	21.87	22.30	21.91			
10	16QAM	1	25	21.87	22.44	21.92	23	1	
10	16QAM	1	49	21.93	22.41	21.85			
10	16QAM	25	0	20.55	21.12	20.78			
10	16QAM	25	12	20.74	21.13	20.82			
10	16QAM	25	25	20.70	21.19	20.68	22	2	
10	16QAM	50	0	20.65	21.11	20.74			
10	64QAM	1	0	20.62	21.17	20.88			
10	64QAM	1	25	20.81	21.34	20.79			
10	64QAM	1	49	20.91	21.01	20.08	22	2	
10	64QAM	25	0	19.60	20.10	19.83			
10	64QAM	25	12	19.70	20.16	19.87			
10	64QAM	25	25	19.71	20.22	19.71			
10	64QAM	50	0	19.74	20.18	19.86	Channel		
Frequency (MHz)				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
				2502.5	2535	2567.5			
5	QPSK	1	0	22.51	23.19	22.61	24	0	
5	QPSK	1	12	22.50	23.08	22.62			
5	QPSK	1	24	22.55	23.14	22.36			
5	QPSK	12	0	21.61	22.09	21.75			
5	QPSK	12	7	21.72	22.12	21.82	23	1	
5	QPSK	12	13	21.69	22.16	21.63			
5	QPSK	25	0	21.72	22.10	21.79			
5	16QAM	1	0	21.79	22.32	22.00			
5	16QAM	1	12	21.88	22.41	22.01	23	1	
5	16QAM	1	24	21.92	22.48	21.88			
5	16QAM	12	0	20.53	21.09	20.81			
5	16QAM	12	7	20.66	21.16	20.85			
5	16QAM	12	13	20.70	21.19	20.74	22	2	
5	16QAM	25	0	20.65	21.14	20.79			
5	64QAM	1	0	20.68	21.22	20.87			
5	64QAM	1	12	20.83	21.32	20.88			
5	64QAM	1	24	20.85	20.95	20.09	22	2	
5	64QAM	12	0	19.62	20.16	19.85			
5	64QAM	12	7	19.73	20.14	19.87			
5	64QAM	12	13	19.80	20.18	19.78			
5	64QAM	25	0	19.75	20.13	19.81	21	3	

Band 7_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									
Frequency (MHz)									
20	QPSK	1	0	20.24	21.17	20.13	22	0	
20	QPSK	1	49	20.31	21.06	20.14			
20	QPSK	1	99	20.38	21.09	20.17			
20	QPSK	50	0	19.35	20.21	19.29			
20	QPSK	50	24	19.48	20.14	19.30	21	1	
20	QPSK	50	50	19.50	20.15	19.22			
20	QPSK	100	0	19.46	20.13	19.31			
20	16QAM	1	0	19.59	20.30	19.45			
20	16QAM	1	49	19.66	20.37	19.53	21	1	
20	16QAM	1	99	19.74	20.40	19.48			
20	16QAM	50	0	18.38	19.09	18.29			
20	16QAM	50	24	18.50	19.16	18.32			
20	16QAM	50	50	18.51	19.17	18.24	20	2	
20	16QAM	100	0	18.47	19.13	18.32			
20	64QAM	1	0	18.45	19.12	18.43			
20	64QAM	1	49	18.59	19.27	18.38			
20	64QAM	1	99	18.63	19.14	17.78	20	2	
20	64QAM	50	0	17.39	18.13	17.31			
20	64QAM	50	24	17.52	18.19	17.35			
20	64QAM	50	50	17.54	18.20	17.30			
20	64QAM	100	0	17.49	18.15	17.33	Channel		
				20825	21100	21375			
				2507.5	2535	2562.5			
Frequency (MHz)									
15	QPSK	1	0	20.23	21.09	20.07	22	0	
15	QPSK	1	37	20.28	20.97	20.13			
15	QPSK	1	74	20.35	20.99	20.16			
15	QPSK	36	0	19.31	19.99	19.24			
15	QPSK	36	20	19.45	20.06	19.28	21	1	
15	QPSK	36	39	19.40	20.06	19.15			
15	QPSK	75	0	19.45	20.11	19.24			
15	16QAM	1	0	19.50	20.29	19.44			
15	16QAM	1	37	19.56	20.36	19.49	21	1	
15	16QAM	1	74	19.63	20.31	19.55			
15	16QAM	36	0	18.38	19.03	18.23			
15	16QAM	36	20	18.43	19.13	18.31			
15	16QAM	36	39	18.47	19.15	18.23	20	2	
15	16QAM	75	0	18.43	19.12	18.28			
15	64QAM	1	0	18.39	19.04	18.38			
15	64QAM	1	37	18.54	19.27	18.34			
15	64QAM	1	74	18.58	19.12	17.78	20	2	
15	64QAM	36	0	17.38	18.09	17.28			
15	64QAM	36	20	17.44	18.10	17.33			
15	64QAM	36	39	17.47	18.14	17.26			
15	64QAM	75	0	17.42	18.10	17.32	Channel		
				20820	21100	21420			
				2507.5	2535	2567.5			
Frequency (MHz)									
10	QPSK	1	0	20.21	21.15	20.11	22	0	
10	QPSK	1	25	20.24	21.07	20.04			
10	QPSK	1	49	20.28	21.03	20.17			
10	QPSK	25	0	19.32	20.01	19.23			
10	QPSK	25	12	19.45	20.08	19.25	21	1	
10	QPSK	25	25	19.48	20.07	19.20			
10	QPSK	50	0	19.36	20.08	19.23			
10	16QAM	1	0	19.58	20.22	19.45			
10	16QAM	1	25	19.65	20.31	19.43	21	1	
10	16QAM	1	49	19.64	20.30	19.40			
10	16QAM	25	0	18.34	19.02	18.26			
10	16QAM	25	12	18.43	19.15	18.28			
10	16QAM	25	25	18.48	19.14	18.21	20	2	
10	16QAM	50	0	18.43	19.10	18.32			
10	64QAM	1	0	18.38	19.02	18.41			
10	64QAM	1	25	18.54	19.22	18.31			
10	64QAM	1	49	18.63	19.13	17.71	20	2	
10	64QAM	25	0	17.36	18.11	17.22			
10	64QAM	25	12	17.49	18.17	17.32			
10	64QAM	25	25	17.48	18.15	17.21			
10	64QAM	50	0	17.45	18.13	17.27	Channel		
				20875	21100	21425			
				2507.5	2535	2567.5			
Frequency (MHz)									
5	QPSK	1	0	20.18	21.16	20.09	22	0	
5	QPSK	1	12	20.28	21.00	20.05			
5	QPSK	1	24	20.28	21.04	20.14			
5	QPSK	12	0	19.29	20.08	19.24			
5	QPSK	12	7	19.45	20.07	19.30	21	1	
5	QPSK	12	13	19.40	20.09	19.15			
5	QPSK	25	0	19.42	20.11	19.23			
5	16QAM	1	0	19.52	20.27	19.42			
5	16QAM	1	12	19.56	20.36	19.43	21	1	
5	16QAM	1	24	19.72	20.33	19.46			
5	16QAM	12	0	18.28	19.03	18.22			
5	16QAM	12	7	18.44	19.16	18.23			
5	16QAM	12	13	18.41	19.12	18.20	20	2	
5	16QAM	25	0	18.47	19.03	18.31			
5	64QAM	1	0	18.39	19.11	18.34			
5	64QAM	1	12	18.53	19.22	18.38			
5	64QAM	1	24	18.59	19.13	17.70	20	2	
5	64QAM	12	0	17.38	18.04	17.38			
5	64QAM	12	7	17.48	18.17	17.34			
5	64QAM	12	13	17.50	18.16	17.28			
5	64QAM	25	0	17.43	18.12	17.24	Channel		
				20975	21100	21425			
				2507.5	2535	2567.5			
Frequency (MHz)									
5	QPSK	1	0	20.18	21.16	20.09	22	0	
5	QPSK	1	12	20.28	21.00	20.05			
5	QPSK	1	24	20.28	21.04	20.14			
5	QPSK	12	0	19.29	20.08	19.24			
5	QPSK	12	7	19.45	20.07	19.30	21	1	
5	QPSK	12	13	19.40	20.09	19.15			
5	QPSK	25	0	19.42	20.11	19.23			
5	16QAM	1	0	19.52	20.27	19.42			
5	16QAM	1	12	19.56	20.36	19.43	21	1	
5	16QAM	1	24	19.72	20.33	19.46			
5	16QAM	12	0	18.28	19.03	18.22			
5	16QAM	12	7	18.44	19.16	18.23			
5	16QAM	12	13	18.41	19.12	18.20	20	2	
5	16QAM	25	0	18.47	19.03	18.31			
5	64QAM	1	0	18.39	19.11	18.34			
5	64QAM	1	12	18.53	19.22	18.38			
5	64QAM	1	24	18.59	19.13	17.70	20	2	
5	64QAM	12	0	17.38	18.04	17.38			
5	64QAM	12	7	17.48	18.17	17.34			
5	64QAM	12	13	17.50	18.16	17.28			
5	64QAM	25	0	17.43	18.12	17.24	Channel		
				20975	21100	21425			
				2507.5	2535	2567.5			
Frequency (MHz)									
5	QPSK	1	0	20.18	21.16	20.09	22	0	
5	QPSK	1	12	20.28	21.00	20.05			
5	QPSK	1	24	20.28	21.04	20.14			
5	QPSK	12	0	19.29	20.08	19.24			
5	QPSK	12	7	19.45	20.07	19.30	21	1	
5	QPSK	12	13	19.40	20.09	19.15			
5	QPSK	25	0	19.42	20.11	19.23			
5	16QAM	1	0	19.52	20.27	19.42			
5	16QAM	1	12	19.56	20.36	19.43	21	1	
5	16QAM	1	24	19.72	20.33	19.46			
5	16QAM	12	0	18.28	19.03	18.22			
5	16QAM	12	7	18.44	19.16	18.23			
5	16QAM	12	13	18.41	19.12	18.20	20	2	
5	16QAM	25	0	18.47	19.03	18.31			
5	64QAM	1	0	18.39	19.11	18.34			
5	64QAM	1	12	18.53	19.22	18.38			
5	64QAM	1	24	18.59	19.13	17.70	20	2	
5	64QAM	12	0	17.38	18.04	17.38			
5	64QAM	12	7	17.48	18.17	17.34			
5	64QAM	12	13	17.50	18.16	17.28			
5	64QAM	25	0	17.43	18.12	17.24	Channel		
				20975	21100	21425			
				2507.5	2535	2567.5			
Frequency (MHz)									
5	QPSK	1	0	20.18	21.16	20.09	22	0	
5	QPSK	1	12	20.28	21.00	20.05			
5	QPSK	1	24	20.28	21.04	20.14			
5	QPSK	12	0	19.29	20.08	19.24			
5	QPSK	12	7	19.45	20.07	19.30	21	1	
5	QPSK	12	13	19.40	20.09	19.15			
5	QPSK	25	0	19.42	20.11	19.23			
5	16QAM	1	0	19.52	20.27	19.42			
5	16QAM	1	12	19.56	20.36	19.43	21	1	
5	16QAM	1	24	19.72	20.33	19.46			
5	16QAM	12	0	18.28	19.03	18.22			
5	16QAM	12	7	18.44	19.16	18.23			
5	16QAM	12	13	18.41	19.12	18.20	20	2	
5	16QAM	25	0	18.47	19.03	18.31			
5	64QAM	1	0	18.39	19.11	18.34			
5	64QAM	1	12	18.53	19.22	18.38			
5	64QAM	1	24	18.59	19.13	17.70	20	2	
5	64QAM	12	0	17.38	18.04	17.38			
5	64QAM	12	7	17.48	18.17	17.34			
5	64QAM	12	13	17.50	18.16	17.28			
5	64QAM	25	0	17.43	18.12	17.24	Channel		
				20975	21100	21425			
				2507.5	2535	2567.5			
Frequency (MHz)									
5	QPSK	1	0	20.18	21.16	20.09	22	0	
5	QPSK	1	12	20.28	21.00	20.05			
5	QPSK	1	24	20.28	21.04	20.14			
5	QPSK	12	0	19.29	20.08	19.24			
5	QPSK	12	7	19.45	20.07	19.30	21	1	
5	QPSK	12	13	19.40	20.09	19.15			
5	QPSK	25	0	19.42	20.11	19.23			
5	16QAM	1	0	19.52	20.27	19.42			
5	16QAM	1	12	19.56	20.36	19.43	21	1	
5	16QAM	1	24	19.72	20.33	19.46			
5	16QAM	12	0	18.28	19.03	18.22			
5	16QAM	12	7	18.44	19.16	18.23			
5	16QAM	12	13	18.41	19.12	18.20	20	2	
5	16QAM	25	0	18.47	19.03	18.31			
5	64QAM	1	0	18.39	19.11	18.34			
5	64QAM	1	12	18.53	19.22	18.38			
5	64QAM	1	24	18.59	19.13	17.70	20	2	
5	64QAM	12	0	17.38	18.04	17.38			
5	64QAM	12	7	17.48	18.17	17.34			
5	64QAM	12							

Band 12_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				23060	23095	23130						
10	QPSK	1	0	21.81	22.08	21.83	23	0				
10	QPSK	1	25	21.83	21.89	21.89						
10	QPSK	1	49	21.93	21.92	21.85						
10	QPSK	25	0	20.98	21.16	20.98						
10	QPSK	25	12	21.04	21.01	21.00	22	1				
10	QPSK	25	25	21.03	21.06	21.05						
10	QPSK	50	0	21.04	21.01	21.01						
10	16QAM	1	0	21.17	21.20	21.21						
10	16QAM	1	25	21.22	21.26	21.22	22	1				
10	16QAM	1	49	21.30	19.67	21.23						
10	16QAM	25	0	19.96	20.01	20.01						
10	16QAM	25	12	20.07	20.00	20.02						
10	16QAM	25	25	20.01	20.05	19.98	21	2				
10	16QAM	50	0	20.08	20.00	19.99						
10	64QAM	1	0	19.98	20.04	20.02						
10	64QAM	1	25	20.13	20.18	20.16						
10	64QAM	1	49	20.24	20.24	20.18	21	2				
10	64QAM	25	0	18.91	19.02	19.03						
10	64QAM	25	12	19.11	19.07	19.05						
10	64QAM	25	25	19.08	19.10	19.09						
10	64QAM	50	0	19.08	19.07	19.04	20	3				
Channel				23005	23095	23165						
Frequency (MHz)				701.5	707.5	713.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.74	21.96	21.78	23	0				
5	QPSK	1	12	21.81	21.87	21.89						
5	QPSK	1	24	21.84	21.88	21.75						
5	QPSK	12	0	20.95	20.90	20.88						
5	QPSK	12	7	21.02	21.01	20.94	22	1				
5	QPSK	12	13	20.96	21.04	20.99						
5	QPSK	25	0	20.99	20.92	20.93						
5	16QAM	1	0	21.15	21.18	21.14						
5	16QAM	1	12	21.15	21.20	21.15	22	1				
5	16QAM	1	24	21.22	19.57	21.22						
5	16QAM	12	0	19.96	19.93	19.98						
5	16QAM	12	7	20.04	19.93	19.95						
5	16QAM	12	13	20.00	19.95	19.97	21	2				
5	16QAM	25	0	20.03	19.98	19.98						
5	64QAM	1	0	19.93	20.04	19.92						
5	64QAM	1	12	20.08	20.08	20.12						
5	64QAM	1	24	20.14	20.16	20.17	21	2				
5	64QAM	12	0	18.81	18.94	18.96						
5	64QAM	12	7	19.03	19.00	19.03						
5	64QAM	12	13	19.00	19.09	18.99						
5	64QAM	25	0	18.98	19.05	19.00	20	3				
Channel				23025	23095	23165				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5						
3	QPSK	1	0	21.74	21.94	21.80	23	0				
3	QPSK	1	8	21.81	21.83	21.84						
3	QPSK	1	14	21.92	21.87	21.84						
3	QPSK	8	0	20.95	20.91	20.89						
3	QPSK	8	4	20.94	20.97	20.96	22	1				
3	QPSK	8	7	21.03	20.99	20.96						
3	QPSK	15	0	20.98	20.95	20.99						
3	16QAM	1	0	21.15	21.20	21.20						
3	16QAM	1	8	21.14	21.22	21.18	22	1				
3	16QAM	1	14	21.27	19.64	21.20						
3	16QAM	8	0	19.95	19.94	19.91						
3	16QAM	8	4	19.99	19.90	20.02						
3	16QAM	8	7	20.00	20.02	19.92	21	2				
3	16QAM	15	0	20.06	19.98	19.89						
3	64QAM	1	0	19.92	19.99	19.95						
3	64QAM	1	8	20.08	20.10	20.13						
3	64QAM	1	14	20.23	20.22	20.09	21	2				
3	64QAM	8	0	18.84	18.94	19.03						
3	64QAM	8	4	19.06	19.04	19.00						
3	64QAM	8	7	19.05	19.02	19.06						
3	64QAM	15	0	19.00	19.04	18.99	20	3				
Channel				23017	23095	23173				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3						
1.4	QPSK	1	0	21.77	21.87	21.77	23	0				
1.4	QPSK	1	3	21.78	21.82	21.79						
1.4	QPSK	1	5	21.93	21.90	21.75						
1.4	QPSK	3	0	21.77	21.87	21.72						
1.4	QPSK	3	1	21.75	21.79	21.74	22	1				
1.4	QPSK	3	3	21.85	21.81	21.67						
1.4	QPSK	6	0	21.04	21.01	20.98						
1.4	16QAM	1	0	21.17	21.16	21.14						
1.4	16QAM	1	3	21.12	21.26	21.14	22	1				
1.4	16QAM	1	5	21.30	19.57	21.22						
1.4	16QAM	3	0	20.95	21.00	20.88						
1.4	16QAM	3	1	21.07	21.13	21.08						
1.4	16QAM	3	3	21.06	21.16	21.09	21	2				
1.4	16QAM	6	0	20.08	19.95	19.95						
1.4	64QAM	1	0	19.98	20.00	20.00						
1.4	64QAM	1	3	20.13	20.08	20.16						
1.4	64QAM	1	5	20.14	20.24	20.10	21	2				
1.4	64QAM	3	0	20.00	19.92	19.85						
1.4	64QAM	3	1	19.96	19.94	19.90						
1.4	64QAM	3	3	20.13	20.01	20.07						
1.4	64QAM	6	0	19.03	19.00	18.98	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				2320						
Frequency (MHz)				745						
10	QPSK	1	0		22.43		24	0		
10	QPSK	1	25		22.41					
10	QPSK	1	49		22.40					
10	QPSK	25	0		21.52		23	1		
10	QPSK	25	12		21.48					
10	QPSK	25	25		21.46					
10	QPSK	50	0		21.66		23	1		
10	16QAM	1	0		21.93					
10	16QAM	1	25		21.85					
10	16QAM	1	49		21.80		22	2		
10	16QAM	25	0		20.61					
10	16QAM	25	12		20.69					
10	16QAM	25	25		20.61		22	2		
10	16QAM	50	0		20.62					
10	64QAM	1	0		20.79					
10	64QAM	1	25		20.78		22	2		
10	64QAM	1	49		20.69					
10	64QAM	25	0		19.63					
10	64QAM	25	12		19.71		21	3		
10	64QAM	25	25		19.64					
10	64QAM	50	0		19.61					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				774.5	775.2	774.5				
5	QPSK	1	0		22.46		24	0		
5	QPSK	1	12		22.40					
5	QPSK	1	24		22.43					
5	QPSK	12	0		21.59	21.55	21.60	23	1	
5	QPSK	12	7		21.64	21.68	21.66			
5	QPSK	12	13		21.54	21.61	21.62			
5	QPSK	25	0		21.64	21.64	21.57	23	1	
5	16QAM	1	0		21.83	21.92	21.88			
5	16QAM	1	12		21.76	21.75	21.84			
5	16QAM	1	24		21.75	21.77	21.78	22	2	
5	16QAM	12	0		20.55	20.54	20.52			
5	16QAM	12	7		20.60	20.67	20.60			
5	16QAM	12	13		20.53	20.61	20.61	21	3	
5	16QAM	25	0		20.52	20.61	20.52			
5	64QAM	1	0		20.77	20.74	20.79			
5	64QAM	1	12		20.77	20.70	20.70	22	2	
5	64QAM	1	24		20.61	20.65	20.59			
5	64QAM	12	0		19.55	19.37	19.37			
5	64QAM	12	7		19.61	19.64	19.63	21	3	
5	64QAM	12	13		19.62	19.57	19.54			
5	64QAM	25	0		19.57	19.60	19.51			



Band 14_Ant 1 DSI 2&4&6&3&5									
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				793	23330				
Frequency (MHz)									
10	QPSK	1	0	22.44			24	0	
10	QPSK	1	25	22.38					
10	QPSK	1	49	22.33					
10	QPSK	25	0	21.42			23	1	
10	QPSK	25	12	21.38					
10	QPSK	25	25	21.40					
10	QPSK	50	0	21.42			22	2	
10	16QAM	1	0	21.80					
10	16QAM	1	25	21.77					
10	16QAM	1	49	21.73			22	2	
10	16QAM	25	0	20.41					
10	16QAM	25	12	20.44					
10	16QAM	25	25	20.47			22	2	
10	16QAM	50	0	20.44					
10	64QAM	1	0	20.67					
10	64QAM	1	25	20.71			22	2	
10	64QAM	1	49	20.61					
10	64QAM	25	0	19.46					
10	64QAM	25	12	19.48			21	3	
10	64QAM	25	25	19.51					
10	64QAM	50	0	19.48					
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5			0	22.40	22.39	22.42	24	0	
5	QPSK	1	12	22.33	22.38	22.28			
5	QPSK	1	24	22.27	22.27	22.25			
5	QPSK	12	0	21.35	21.38	21.35	23	1	
5	QPSK	12	7	21.38	21.36	21.37			
5	QPSK	12	13	21.40	21.44	21.40			
5	QPSK	25	0	21.37	21.40	21.35	23	1	
5	16QAM	1	0	21.75	21.80	21.73			
5	16QAM	1	12	21.74	21.77	21.75			
5	16QAM	1	24	21.67	21.68	21.64	22	2	
5	16QAM	12	0	20.32	20.35	20.35			
5	16QAM	12	7	20.44	20.42	20.38			
5	16QAM	12	13	20.44	20.37	20.39	22	2	
5	16QAM	25	0	20.44	20.38	20.36			
5	64QAM	1	0	20.57	20.63	20.58			
5	64QAM	1	12	20.66	20.64	20.60	22	2	
5	64QAM	1	24	20.57	20.61	20.60			
5	64QAM	12	0	19.42	19.42	19.43			
5	64QAM	12	7	19.40	19.38	19.46	21	3	
5	64QAM	12	13	19.42	19.46	19.44			
5	64QAM	25	0	19.40	19.48	19.47			

Band 14_Ant 2 DSI 2&4&6&5									
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				793	23330				
Frequency (MHz)									
10	QPSK	1	0	21.25			23	0	
10	QPSK	1	25	21.18					
10	QPSK	1	49	21.14					
10	QPSK	25	0	20.25			22	1	
10	QPSK	25	12	20.23					
10	QPSK	25	25	20.20					
10	QPSK	50	0	20.23			21	2	
10	16QAM	1	0	20.62					
10	16QAM	1	25	20.59					
10	16QAM	1	49	20.52			21	2	
10	16QAM	25	0	19.25					
10	16QAM	25	12	19.23					
10	16QAM	25	25	19.28			20	3	
10	16QAM	50	0	19.25					
10	64QAM	1	0	19.49					
10	64QAM	1	25	19.52			21	2	
10	64QAM	1	49	19.43					
10	64QAM	25	0	18.28					
10	64QAM	25	12	18.30			20	3	
10	64QAM	25	25	18.32					
10	64QAM	50	0	18.27					
Channel				23305	23330	23355	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				790.5	793	795.5			
5			0	21.24	21.17	21.15	23	0	
5	QPSK	1	12	21.11	21.14	21.18			
5	QPSK	1	24	21.07	21.09	21.09			
5	QPSK	12	0	20.22	20.24	20.23	22	1	
5	QPSK	12	7	20.18	20.20	20.22			
5	QPSK	12	13	20.28	20.29	20.25			
5	QPSK	25	0	20.15	20.19	20.16	22	1	
5	16QAM	1	0	20.56	20.58	20.55			
5	16QAM	1	12	20.59	20.55	20.50			
5	16QAM	1	24	20.42	20.51	20.44	21	2	
5	16QAM	12	0	19.25	19.24	19.15			
5	16QAM	12	7	19.23	19.21	19.18			
5	16QAM	12	13	19.27	19.18	19.27	21	2	
5	16QAM	25	0	19.17	19.18	19.18			
5	64QAM	1	0	19.44	19.40	19.41			
5	64QAM	1	12	19.48	19.50	19.46	21	2	
5	64QAM	1	24	19.40	19.43	19.40			
5	64QAM	12	0	18.20	18.18	18.25			
5	64QAM	12	7	18.29	18.30	18.30	20	3	
5	64QAM	12	13	18.27	18.28	18.24			
5	64QAM	25	0	18.18	18.18	18.27			

Band 17_Ant 1 DSI 2&4&6&3&5									
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				710	710	711			
10	QPSK	1	0	22.77	22.82	22.57	24	0	
10	QPSK	1	25	22.62	22.63	22.66			
10	QPSK	1	49	22.72	22.72	22.69			
10	QPSK	25	0	21.67	21.69	21.69	23	1	
10	QPSK	25	12	21.85	21.75	21.76			
10	QPSK	25	25	21.88	21.87	21.87			
10	QPSK	50	0	21.81	21.74	21.76	23	1	
10	16QAM	1	0	21.92	21.97	21.96			
10	16QAM	1	25	22.00	22.04	22.05			
10	16QAM	1	49	22.11	22.12	22.07	22	2	
10	16QAM	25	0	20.69	20.69	20.71			
10	16QAM	25	12	20.83	20.76	20.79			
10	16QAM	25	25	20.87	20.81	20.82	22	2	
10	16QAM	50	0	20.83	20.73	20.75			
10	64QAM	1	0	20.82	20.86	20.80			
10	64QAM	1	25	20.96	20.99	20.92	22	2	
10	64QAM	1	49	21.03	20.99	20.94			
10	64QAM	25	0	19.72	19.74	19.73			
10	64QAM	25	12	19.88	19.83	19.81	21	3	
10	64QAM	25	25	19.92	19.90	19.90			
10	64QAM	50	0	19.87	19.77	19.80			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5 <th>710<th>713.5</th><th></th><th colspan="2"></th></th>	710 <th>713.5</th> <th></th> <th colspan="2"></th>	713.5			
5			0	22.75	22.72	22.53	24	0	
5	QPSK	1	12	22.62	22.59	22.56			
5	QPSK	1	24	22.64	22.68	22.65			
5	QPSK	12	0	21.67	21.69	21.63	23	1	
5	QPSK	12	7	21.76	21.65	21.67			
5	QPSK	12	13	21.79	21.84	21.85			
5	QPSK	25	0	21.80	21.67	21.71	23	1	
5	16QAM	1	0	21.84	21.91	21.87			
5	16QAM	1	12	21.92	21.96	22.03			
5	16QAM	1	24	22.09	22.07	21.97	22	2	
5	16QAM	12	0	20.59	20.59	20.69			
5	16QAM	12	7	20.74	20.68	20.72			
5	16QAM	12	13	20.80	20.81	20.72	22	2	
5	16QAM	25	0	20.74	20.63	20.70			
5	64QAM	1	0	20.80	20.77	20.76			
5	64QAM	1	12	20.94	20.98	20.90	22	2	
5	64QAM	1	24	20.93	20.94	20.94			
5	64QAM	12	0	19.68	19.73	19.72			
5	64QAM	12	7	19.81	19.79	19.72	21	3	
5	64QAM	12	13	19.86	19.85	19.85			
5	64QAM	25	0	19.81	19.74	19.73			

Band 17_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									
Frequency (MHz)									
10	QPSK	1	0	21.78	21.95	21.93			
10	QPSK	1	25	21.87	21.89	21.85	23	0	
10	QPSK	1	49	21.91	21.78	21.89			
10	QPSK	25	0	20.92	20.92	20.93			
10	QPSK	25	12	21.05	21.00	20.97			
10	QPSK	25	25	21.08	21.08	21.07	22	1	
10	QPSK	50	0	21.03	20.96	20.96			
10	16QAM	1	0	21.15	21.16	21.19			
10	16QAM	1	25	21.21	21.27	21.24	22	1	
10	16QAM	1	49	21.35	21.36	21.27			
10	16QAM	25	0	19.92	19.93	19.91			
10	16QAM	25	12	20.06	19.99	19.97			
10	16QAM	25	25	20.06	20.08	20.01			
10	16QAM	50	0	20.06	19.97	19.95	21	2	
10	64QAM	1	0	21.84	20.04	19.99			
10	64QAM	1	25	20.21	20.16	20.19	21	2	
10	64QAM	1	49	20.25	20.22	20.14			
10	64QAM	25	0	18.96	18.95	18.95			
10	64QAM	25	12	19.12	19.04	19.03			
10	64QAM	25	25	19.11	19.09	19.09	20	3	
10	64QAM	50	0	19.09	18.99	19.01			
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.78	21.90	21.74			
5	QPSK	1	12	21.84	21.89	21.82	23	0	
5	QPSK	1	24	21.85	21.78	21.84			
5	QPSK	12	0	20.99	20.90	20.98			
5	QPSK	12	7	20.98	20.92	20.92	22	1	
5	QPSK	12	13	21.04	21.02	21.04			
5	QPSK	25	0	20.93	20.88	20.94			
5	16QAM	1	0	21.11	21.07	21.13			
5	16QAM	1	12	21.18	21.22	21.22	22	1	
5	16QAM	1	24	21.25	21.25	21.27			
5	16QAM	12	0	19.91	19.90	19.85			
5	16QAM	12	7	20.05	19.91	19.95			
5	16QAM	12	13	20.00	20.01	19.99	21	2	
5	16QAM	25	0	19.96	19.88	19.86			
5	64QAM	1	0	21.79	19.94	19.96			
5	64QAM	1	12	20.19	20.11	20.10	21	2	
5	64QAM	1	24	20.24	20.19	20.09			
5	64QAM	12	0	18.96	18.90	18.93			
5	64QAM	12	7	19.11	18.96	18.96	20	3	
5	64QAM	12	13	19.05	19.02	19.05			
5	64QAM	25	0	19.08	18.91	18.99			

Band 25_Ant 1 DSI 2&4&6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power High Ch./ Freq.	Power High 1500	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.66	22.74	22.68			
20	QPSK	1	49	22.51	22.62	22.64	24	0	
20	QPSK	1	99	22.37	22.56	22.29			
20	QPSK	50	0	21.77	21.85	21.73			
20	QPSK	50	24	21.65	21.83	21.75	23	1	
20	QPSK	50	50	21.56	21.78	21.79			
20	QPSK	100	0	21.51	21.91	21.74			
20	16QAM	1	0	22.00	22.09	21.97			
20	16QAM	1	49	21.89	21.99	21.95	23	1	
20	16QAM	1	99	21.75	21.96	21.66			
20	16QAM	50	0	20.80	20.87	20.75			
20	16QAM	50	24	20.66	20.85	20.77	22	2	
20	16QAM	50	50	20.58	20.91	20.82			
20	16QAM	100	0	20.64	20.81	20.75			
20	64QAM	1	0	20.90	20.99	20.96			
20	64QAM	1	49	20.77	20.85	20.33	22	2	
20	64QAM	1	99	20.54	20.84	20.29			
20	64QAM	50	0	19.80	19.89	19.31			
20	64QAM	50	24	19.70	19.88	19.43			
20	64QAM	50	50	19.59	19.81	19.20	21	3	
20	64QAM	100	0	19.59	19.84	18.97			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.62	22.71	22.58			
15	QPSK	1	37	22.43	22.59	22.55	24	0	
15	QPSK	1	74	22.37	22.55	22.34			
15	QPSK	36	20	21.75	21.80	21.71			
15	QPSK	36	39	21.46	21.76	21.69	23	1	
15	QPSK	75	0	21.57	21.74	21.69			
15	16QAM	1	0	21.99	22.00	21.96			
15	16QAM	1	37	21.87	21.90	21.91	23	1	
15	16QAM	1	74	21.71	21.96	21.56			
15	16QAM	36	0	20.72	20.80	20.69			
15	16QAM	36	20	20.56	20.80	20.72	22	2	
15	16QAM	36	39	20.53	20.72	20.73			
15	16QAM	75	0	20.60	20.80	20.69			
15	64QAM	1	0	20.80	20.94	20.55			
15	64QAM	1	37	20.75	20.91	20.36	22	2	
15	64QAM	1	74	20.48	20.80	20.75			
15	64QAM	36	0	19.77	19.85	19.21			
15	64QAM	36	20	19.65	19.85	19.34	21	3	
15	64QAM	36	39	19.57	19.76	19.14			
15	64QAM	75	0	19.49	19.84	19.18			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.80	22.86	22.83			
10	QPSK	1	25	22.57	22.58	22.66	24	0	
10	QPSK	1	49	22.50	22.58	22.30			
10	QPSK	25	0	21.68	21.74	21.68			
10	QPSK	25	12	21.62	21.77	21.71	23	1	
10	QPSK	25	25	21.62	21.68	21.87			
10	QPSK	50	0	21.64	21.77	21.70			
10	16QAM	1	0	22.01	22.06	21.98			
10	16QAM	1	25	21.93	22.00	22.02	23	1	
10	16QAM	1	49	21.90	22.00	21.78			
10	16QAM	25	0	20.70	20.76	20.68			
10	16QAM	25	12	20.67	20.79	20.72	22	2	
10	16QAM	25	25	20.61	20.64	20.75			
10	16QAM	50	0	20.64	20.76	20.69			
10	64QAM	1	0	20.77	20.96	20.39			
10	64QAM	1	25	20.89	20.92	20.42	22	2	
10	64QAM	1	49	20.76	20.89	20.34			
10	64QAM	25	0	19.75	19.79	19.47			
10	64QAM	25	12	19.70	19.83	19.45			
10	64QAM	25	25	19.66	19.73	19.10	21	3	
10	64QAM	50	0	19.69	19.81	19.03			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.80	22.86	22.86			
5	QPSK	1	12	22.47	22.49	22.56	24	0	
5	QPSK	1	24	22.49	22.56	22.21			
5	QPSK	12	0	21.61	21.65	21.62			
5	QPSK	12	7	21.56	21.74	21.68	23	1	
5	QPSK	12	13	21.57	21.57	21.59			
5	QPSK	25	0	21.56	21.74	21.60			
5	16QAM	1	0	21.97	21.98	21.90			
5	16QAM	1	12	21.93	21.94	21.97	23	1	
5	16QAM	1	24	21.90	21.91	21.78			
5	16QAM	12	0	20.65	20.75	20.68			
5	16QAM	12	7	20.63	20.70	20.63	22	2	
5	16QAM	12	13	20.54	20.57	20.66			
5	16QAM	25	0	20.57	20.66	20.59			
5	64QAM	1	0	20.69	20.90	20.36	22	2	
5	64QAM	1	12	20.88	20.88	20.33			
5	64QAM	1	24	20.67	20.80	20.35			
5	64QAM	12	0	19.70	19.77	19.47			
5	64QAM	12	7	19.67	19.79	19.40	21	3	
5	64QAM	12	13	19.60	19.68	19.06			
5	64QAM	25	0	19.59	19.80	18.97			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.50	22.64	22.55			
3	QPSK	1	8	22.54	22.56	22.62	24	0	
3	QPSK	1	14	22.40	22.50	22.28			
3	QPSK	8	0	21.59	21.71	21.58			
3	QPSK	8	4	21.62	21.73	21.64	23	1	
3	QPSK	8	7	21.59	21.58	21.60			
3	QPSK	15	0	21.57	21.73	21.68			
3	16QAM	1	0	21.96	21.98	21.97			
3	16QAM	1	8	21.83	21.90	21.95	23	1	
3	16QAM	1	14	21.87	21.96	21.73			
3	16QAM	8	0	20.62	20.76	20.58			
3	16QAM	8	4	20.59	20.76	20.63	22	2	
3	16QAM	8	7	20.61	20.55	20.73			
3	16QAM	15	0	20.60	20.69	20.67			
3	64QAM	1	0	20.67	20.94	20.33			
3	64QAM	1	8	20.83	20.87	20.40	22	2	
3	64QAM	1	14	20.76	20.86	20.37			
3	64QAM	8	0	19.65	19.73	19.45			
3	64QAM	8	4	19.64	19.73	19.36	21	3	
3	64QAM	8	7	19.64	19.72	19.03			
3	64QAM	15	0	19.62	19.78	18.99			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.57	22.63	22.61			
1.4	QPSK	1	3	22.57	22.49	22.60	24	0	
1.4	QPSK	1	5	22.48	22.51	22.24			
1.4	QPSK	3	0	22.49	22.57	22.59			
1.4	QPSK	3	1	22.51	22.42	22.60			
1.4	QPSK	3	3	22.40	22.50	22.23	23	1	
1.4	QPSK	6	0	21.62	21.73	21.64			
1.4	16QAM	1	0	21.97	22.04	21.98			
1.4	16QAM	3	1	21.91	21.97	22.01			
1.4	16QAM	3	5	21.84	21.93	21.76	23	1	
1.4	16QAM	3	1	21.85	21.94	22.00			
1.4	16QAM	3	3	21.80	21.92	21.75			
1.4	16QAM	6	0	20.58	20.73	20.66	22	2	
1.4	64QAM	1	0	20.76	20.93	20.33			
1.4	64QAM	1	3	20.79	20.89	20.40			
1.4	64QAM	1	5	20.54	20.84	20.27	22	2	
1.4	64QAM	3	0	20.72	20.87	20.27			
1.4	64QAM	3	1	20.74	20.82	20.31			
1.4	64QAM	3	3	20.70	20.89	20.31			
1.4	64QAM	6	0	19.66	19.81	19.38	21	3	

Band 26_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												
Frequency (MHz)												
15	QPSK	1	0	22.52	22.52	22.31	24	0				
15	QPSK	1	37	22.45	22.44	22.26						
15	QPSK	1	74	22.27	22.48	22.14						
15	QPSK	36	0	21.62	21.76	21.62						
15	QPSK	36	20	21.69	21.63	21.77	23	1				
15	QPSK	36	39	21.74	21.61	21.72						
15	QPSK	75	0	21.78	21.71	21.72						
15	16QAM	1	0	21.26	21.26	21.19						
15	16QAM	1	37	21.23	21.28	21.11	23	1				
15	16QAM	1	74	21.22	21.12	21.04						
15	16QAM	36	0	20.35	20.32	20.27						
15	16QAM	36	20	20.40	20.24	20.26						
15	16QAM	36	39	20.35	20.39	20.29	22	2				
15	16QAM	75	0	20.52	20.25	20.19						
15	64QAM	1	0	20.28	20.21	20.18						
15	64QAM	1	37	20.27	20.24	20.22						
15	64QAM	1	74	20.16	20.25	20.22	22	2				
15	64QAM	36	0	19.71	19.62	19.81						
15	64QAM	36	20	19.62	19.70	19.69						
15	64QAM	36	39	19.68	19.50	19.56						
15	64QAM	75	0	19.20	19.31	19.31	21		3			
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.49	22.41	22.28	24	0				
10	QPSK	1	25	22.38	22.40	22.19						
10	QPSK	1	49	22.24	22.47	22.05						
10	QPSK	25	0	21.56	21.74	21.61						
10	QPSK	25	12	21.69	21.63	21.73	23	1				
10	QPSK	25	25	21.66	21.58	21.70						
10	QPSK	50	0	21.68	21.62	21.62						
10	16QAM	1	0	21.24	21.33	21.18						
10	16QAM	1	25	21.15	21.18	21.03	23	1				
10	16QAM	1	49	21.19	21.09	21.07						
10	16QAM	25	0	20.35	20.29	20.20						
10	16QAM	25	12	20.32	20.22	20.23						
10	16QAM	25	25	20.47	20.31	20.22	22	2				
10	16QAM	50	0	20.51	20.22	20.13						
10	64QAM	1	0	20.19	20.16	20.12						
10	64QAM	1	25	20.21	20.20	20.12						
10	64QAM	1	49	20.08	20.16	20.14	22	2				
10	64QAM	25	0	19.64	19.52	19.77						
10	64QAM	25	12	19.52	19.63	19.61						
10	64QAM	25	25	19.67	19.40	19.51						
10	64QAM	50	0	19.20	19.29	19.26	21		3			
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.43	22.46	22.23	24	0				
5	QPSK	1	12	22.41	22.36	22.25						
5	QPSK	1	24	22.19	22.40	22.13						
5	QPSK	12	0	21.62	21.76	21.58						
5	QPSK	12	7	21.60	21.60	21.73	23	1				
5	QPSK	12	13	21.73	21.58	21.64						
5	QPSK	25	0	21.69	21.70	21.68						
5	16QAM	1	0	21.24	21.32	21.15						
5	16QAM	1	12	21.15	21.20	21.06	23	1				
5	16QAM	1	24	21.21	21.02	21.04						
5	16QAM	12	0	20.25	20.27	20.25						
5	16QAM	12	7	20.36	20.23	20.25						
5	16QAM	12	13	20.45	20.39	20.24	22	2				
5	16QAM	25	0	20.48	20.25	20.10						
5	64QAM	1	0	20.28	20.16	20.16						
5	64QAM	1	12	20.17	20.24	20.19						
5	64QAM	1	24	20.15	20.22	20.16	22	2				
5	64QAM	12	0	19.69	19.51	19.78						
5	64QAM	12	7	19.55	19.69	19.65						
5	64QAM	12	13	19.68	19.40	19.46						
5	64QAM	25	0	19.10	19.28	19.22	21	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.50	22.49	22.30	24	0				
3	QPSK	1	8	22.44	22.39	22.19						
3	QPSK	1	14	22.23	22.40	22.10						
3	QPSK	8	0	21.62	21.74	21.53						
3	QPSK	8	4	21.62	21.57	21.72	23	1				
3	QPSK	8	7	21.72	21.51	21.72						
3	QPSK	15	0	21.76	21.64	21.66						
3	16QAM	1	0	21.16	21.29	21.19						
3	16QAM	1	8	21.18	21.28	21.02	23	1				
3	16QAM	1	14	21.13	21.07	21.06						
3	16QAM	8	0	20.35	20.29	20.20						
3	16QAM	8	4	20.34	20.20	20.20						
3	16QAM	8	7	20.54	20.38	20.27	22	2				
3	16QAM	15	0	20.46	20.19	20.14						
3	64QAM	1	0	20.21	20.21	20.12						
3	64QAM	1	8	20.21	20.23	20.12						
3	64QAM	1	14	20.06	20.24	20.16	22	2				
3	64QAM	8	0	19.68	19.59	19.78						
3	64QAM	8	4	19.52	19.62	19.67						
3	64QAM	8	7	19.59	19.40	19.54						
3	64QAM	15	0	19.11	19.21	19.23	21	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.50	22.45	22.22	24	0				
1.4	QPSK	1	3	22.43	22.43	22.18						
1.4	QPSK	1	5	22.17	22.44	22.11						
1.4	QPSK	3	0	22.47	22.43	22.21						
1.4	QPSK	3	1	22.39	22.36	22.20	23	1				
1.4	QPSK	3	3	22.17	22.46	22.14						
1.4	QPSK	6	0	21.74	21.70	21.67						
1.4	16QAM	1	0	21.18	21.25	21.15						
1.4	16QAM	1	3	21.15	21.22	21.04	23	1				
1.4	16QAM	1	5	21.17	21.07	21.08						
1.4	16QAM	3	0	21.18	21.35	21.10						
1.4	16QAM	3	1	21.17	21.19	21.04						
1.4	16QAM	3	3	21.18	21.11	21.08	22	2				
1.4	16QAM	6	0	20.42	20.22	20.16						
1.4	64QAM	1	0	20.18	20.14	20.17						
1.4	64QAM	1	3	20.25	20.24	20.16						
1.4	64QAM	1	5	20.08	20.17	20.17	22	2				
1.4	64QAM	3	0	20.22	20.11	20.16						
1.4	64QAM	3	1	20.25	20.18	20.20						
1.4	64QAM	3	3	20.16	20.20	20.20						
1.4	64QAM	6	0	19.13	19.27	19.28	21	3				

Band 26_Ant 2 DSI 2&4&6&3&5												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	21.74	21.71	21.77	23	0				
15	QPSK	1	37	21.65	21.65	21.77						
15	QPSK	1	74	21.79	21.70	21.69						
15	QPSK	36	0	20.77	20.82	20.90						
15	QPSK	36	20	20.81	20.76	20.97	22	1				
15	QPSK	36	39	20.87	20.81	20.92						
15	QPSK	75	0	20.84	20.85	20.87						
15	16QAM	1	0	21.09	20.98	21.13						
15	16QAM	1	37	21.00	21.07	21.08	22	1				
15	16QAM	1	74	21.08	21.06	21.00						
15	16QAM	36	0	19.81	19.85	19.90						
15	16QAM	36	20	19.84	19.85	19.95	21	2				
15	16QAM	36	39	19.87	19.92	19.89						
15	16QAM	75	0	19.86	19.87	19.91						
15	64QAM	1	0	19.94	19.84	19.99						
15	64QAM	1	37	19.95	20.04	19.84	21	2				
15	64QAM	1	74	20.01	20.00	20.08						
15	64QAM	36	0	18.83	18.86	19.95						
15	64QAM	36	20	18.86	18.86	18.97	20	3				
15	64QAM	36	39	18.83	18.95	18.96						
15	64QAM	75	0	18.85	18.86	18.92						
Channel				26795	26865	26965						
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)				
10	QPSK	1	0	21.69	21.61	21.74	23	0				
10	QPSK	1	25	21.59	21.73	21.68						
10	QPSK	1	49	21.76	21.72	21.61						
10	QPSK	25	0	20.71	20.81	20.84						
10	QPSK	25	12	20.74	20.78	20.95	22	1				
10	QPSK	25	25	20.77	20.84	20.92						
10	QPSK	50	0	20.74	20.80	20.85						
10	16QAM	1	0	21.08	20.90	21.12						
10	16QAM	1	25	20.97	20.97	21.07	22	1				
10	16QAM	1	49	21.08	21.06	20.99						
10	16QAM	25	0	19.77	19.78	19.82						
10	16QAM	25	12	19.80	19.81	19.84						
10	16QAM	25	25	19.83	19.88	19.87	21	2				
10	16QAM	50	0	19.85	19.86	19.89						
10	64QAM	1	0	19.85	19.82	19.95						
10	64QAM	1	25	19.94	19.96	19.98						
10	64QAM	1	49	19.97	20.00	19.85	21	2				
10	64QAM	25	0	18.80	18.86	18.91						
10	64QAM	25	12	18.83	18.86	18.95						
10	64QAM	25	25	18.86	18.86	18.91						
10	64QAM	50	0	18.81	18.80	18.85	20	3				
Channel				26815	26865	27015						
Frequency (MHz)				816.5	831.5	846.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.68	21.84	21.73				23	0	
5	QPSK	1	12	21.56	21.75	21.71						
5	QPSK	1	24	21.72	21.75	21.84						
5	QPSK	12	0	20.70	20.83	20.82						
5	QPSK	12	7	20.72	20.79	20.88	22	1				
5	QPSK	12	13	20.79	20.82	20.82						
5	QPSK	25	0	20.84	20.75	20.85						
5	16QAM	1	0	21.06	20.92	21.09						
5	16QAM	1	12	20.96	20.97	21.08	22	1				
5	16QAM	1	24	21.02	21.03	20.95						
5	16QAM	12	0	19.77	19.76	19.89						
5	16QAM	12	7	19.74	19.77	19.94						
5	16QAM	12	13	19.77	19.84	19.85	21	2				
5	16QAM	25	0	19.80	19.83	19.89						
5	64QAM	1	0	19.89	19.82	19.89						
5	64QAM	1	12	19.94	19.98	19.92						
5	64QAM	1	24	19.97	19.90	19.82	21	2				
5	64QAM	12	0	18.77	18.84	18.87						
5	64QAM	12	7	18.81	18.78	18.90						
5	64QAM	12	13	18.83	18.95	18.98						
5	64QAM	25	0	18.77	18.77	18.92	20	3				
Channel				26705	26865	27025						
Frequency (MHz)				813.5 <th>831.5</th> <th>847.5</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	831.5	847.5				Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.71	21.57	21.73				23	0	
3	QPSK	1	8	21.62	21.72	21.77						
3	QPSK	1	14	21.76	21.73	21.67						
3	QPSK	8	0	20.69	20.76	20.83						
3	QPSK	8	4	20.79	20.82	20.95	22	1				
3	QPSK	8	7	20.83	20.86	20.87						
3	QPSK	15	0	20.81	20.81	20.76						
3	16QAM	1	0	21.04	21.02	21.04						
3	16QAM	1	8	21.00	21.04	21.06	22	1				
3	16QAM	1	14	21.05	21.05	20.98						
3	16QAM	8	0	19.77	19.75	19.85						
3	16QAM	8	4	19.76	19.83	19.91						
3	16QAM	8	7	19.85	19.85	19.87	21	2				
3	16QAM	15	0	19.86	19.87	19.88						
3	64QAM	1	0	19.89	19.76	19.94						
3	64QAM	1	8	19.85	19.94	20.02						
3	64QAM	1	14	19.94	19.99	19.85	21	2				
3	64QAM	8	0	18.79	18.78	18.88						
3	64QAM	8	4	18.76	18.77	18.96						
3	64QAM	8	7	18.80	18.82	18.93						
3	64QAM	15	0	18.84	18.82	19.92	20	3				
Channel				26697	26865	27033						
Frequency (MHz)				26697 <th>831.5</th> <th>848.3</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	831.5	848.3				Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.71	21.61	21.69				23	0	
1.4	QPSK	1	3	21.61	21.73	21.67						
1.4	QPSK	1	5	21.70	21.75	21.64						
1.4	QPSK	3	0	21.64	21.56	21.62						
1.4	QPSK	3	1	21.60	21.61	21.56	23	1				
1.4	QPSK	3	3	21.60	21.67	21.52						
1.4	16QAM	1	0	20.99	20.97	21.06						
1.4	16QAM	1	3	21.00	20.99	21.00						
1.4	16QAM	1	5	21.04	20.99	20.93	22	1				
1.4	16QAM	3	0	20.53	20.89	20.98						
1.4	16QAM	3	1	20.99	20.94	20.92						
1.4	16QAM	3	3	21.04	20.89	20.91						
1.4	16QAM	6	0	19.78	19.87	19.84	21	2				
1.4	64QAM	1	0	19.89	19.84	19.93						
1.4	64QAM	1	3	19.91	19.98	20.00						
1.4	64QAM	1	5	19.99	19.92	19.88						
1.4	64QAM	3	0	19.86	19.78	19.90	21	2				
1.4	64QAM	3	1	19.82	19.88	19.90						
1.4	64QAM	3	3	19.90	19.83	19.87						
1.4	64QAM	6	0	18.84	18.80	18.92						

Band 30_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.	Tune-up limit (dBm)	MPR (dB)	
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	0	22.65	23.10		24	0	
10	QPSK	1	25	22.62					
10	QPSK	1	49	22.56					
10	QPSK	25	0	21.66			23	1	
10	QPSK	25	12	21.60					
10	QPSK	25	25	21.55					
10	QPSK	50	0	21.78			22	2	
10	16QAM	1	0	21.94					
10	16QAM	1	25	22.01					
10	16QAM	1	49	22.05			23	1	
10	16QAM	25	0	20.67					
10	16QAM	25	12	20.72					
10	16QAM	25	25	20.82			22	2	
10	16QAM	50	0	20.78					
10	64QAM	1	0	20.85					
10	64QAM	1	25	20.97			22	2	
10	64QAM	1	49	20.94					
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.80			21	3	
10	64QAM	25	25	19.87					
10	64QAM	50	0	19.84					
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	0	23.07	23.10	23.12	24	0	
5	QPSK	1	12	22.62	22.62	22.54			
5	QPSK	1	24	22.55	22.58	22.62			
5	QPSK	12	0	21.60	21.65	21.60	23	1	
5	QPSK	12	7	21.61	21.62	21.71			
5	QPSK	12	13	21.74	21.74	21.83			
5	QPSK	25	0	21.78	21.76	21.68	23	1	
5	16QAM	1	0	21.85	21.92	21.89			
5	16QAM	1	12	21.91	22.00	22.00			
5	16QAM	1	24	21.95	22.00	22.03	22	2	
5	16QAM	12	0	20.58	20.58	20.58			
5	16QAM	12	7	20.65	20.62	20.70			
5	16QAM	12	13	20.81	20.80	20.72	22	2	
5	16QAM	25	0	20.74	20.70	20.69			
5	64QAM	1	0	20.85	20.80	20.76			
5	64QAM	1	12	20.91	20.92	20.90	22	2	
5	64QAM	1	24	20.84	20.87	20.85			
5	64QAM	12	0	19.63	19.63	19.68			
5	64QAM	12	7	19.79	19.78	19.77	21	3	
5	64QAM	12	13	19.79	19.82	19.81			
5	64QAM	25	0	19.80	19.74	19.78			

Band 30_Ant 2 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									
Frequency (MHz)									
10	QPSK	1	0	20.13	20.13		22	0	
10	QPSK	1	25	20.33					
10	QPSK	1	49	20.38					
10	QPSK	25	0	19.36			21	1	
10	QPSK	25	12	19.32					
10	QPSK	25	25	19.34					
10	QPSK	50	0	19.51			21	1	
10	16QAM	1	0	19.73					
10	16QAM	1	25	19.74					
10	16QAM	1	49	19.76			20	2	
10	16QAM	25	0	18.38					
10	16QAM	25	12	18.44					
10	16QAM	25	25	18.53			19	3	
10	16QAM	50	0	18.51					
10	64QAM	1	0	18.55					
10	64QAM	1	25	18.66			20	2	
10	64QAM	1	49	18.66					
10	64QAM	25	0	17.44					
10	64QAM	25	12	17.51			19	3	
10	64QAM	25	25	17.62					
10	64QAM	50	0	17.58					
Channel									
Frequency (MHz)									
5	QPSK	1	0	20.43	20.310	20.735	22	0	
5	QPSK	1	12	20.24	20.23	20.29			
5	QPSK	1	24	20.30	20.32	20.36			
5	QPSK	12	0	19.34	19.36	19.26	21	1	
5	QPSK	12	7	19.40	19.35	19.36			
5	QPSK	12	13	19.50	19.48	19.46			
5	QPSK	25	0	19.49	19.42	19.45	20	2	
5	16QAM	1	0	19.65	19.69	19.68			
5	16QAM	1	12	19.73	19.64	19.65			
5	16QAM	1	24	19.76	19.68	19.69	20	2	
5	16QAM	12	0	18.37	18.36	18.35			
5	16QAM	12	7	18.42	18.35	18.44			
5	16QAM	12	13	18.47	18.45	18.49	19	3	
5	16QAM	25	0	18.45	18.50	18.50			
5	64QAM	1	0	18.54	18.55	18.50			
5	64QAM	1	12	18.56	18.66	18.57	20	2	
5	64QAM	1	24	18.66	18.66	18.56			
5	64QAM	12	0	17.35	17.44	17.37			
5	64QAM	12	7	17.46	17.41	17.41	19	3	
5	64QAM	12	13	17.61	17.55	17.58			
5	64QAM	25	0	17.58	17.51	17.48			

Band 66Ant 1 DSI 2&4&6												
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)				1720	17322	173572						
20	QPSK	1	0	22.89	22.85	22.88	24	0				
20	QPSK	1	49	22.78	22.73	22.73						
20	QPSK	1	99	22.72	22.67	22.62						
20	QPSK	50	0	21.99	21.94	21.96	23	1				
20	QPSK	50	24	21.93	21.89	21.92						
20	QPSK	50	50	21.86	21.83	21.81						
20	QPSK	100	0	21.90	21.86	21.81	23	1				
20	16QAM	1	0	22.22	22.17	22.22						
20	16QAM	1	49	22.10	22.04	22.02						
20	16QAM	1	99	22.10	21.99	21.89	22	2				
20	16QAM	50	0	20.89	20.86	20.87						
20	16QAM	50	24	20.96	20.92	20.93						
20	16QAM	50	50	20.86	20.84	20.83	22	2				
20	16QAM	100	0	20.88	20.86	20.82						
20	64QAM	1	0	21.06	21.08	21.09						
20	64QAM	1	49	20.99	20.96	20.99	22	2				
20	64QAM	1	99	20.97	20.94	20.88						
20	64QAM	50	0	19.92	19.88	19.90						
20	64QAM	50	24	19.95	19.91	19.93	21	3				
20	64QAM	50	50	19.89	19.86	19.86						
20	64QAM	100	0	19.94	19.89	19.86						
Channel												
Frequency (MHz)				130472	132322	132697				Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.85	22.82	22.78	24	0				
15	QPSK	1	37	22.69	22.65	22.64						
15	QPSK	1	74	22.62	22.58	22.62						
15	QPSK	36	0	21.89	21.74	21.76	23	1				
15	QPSK	36	20	21.85	21.83	21.92						
15	QPSK	36	39	21.83	21.79	21.74						
15	QPSK	75	0	21.87	21.79	21.72	23	1				
15	16QAM	1	0	22.18	22.12	22.14						
15	16QAM	1	37	22.02	21.95	21.94						
15	16QAM	1	74	22.10	21.90	21.86	22	2				
15	16QAM	36	0	20.89	20.82	20.81						
15	16QAM	36	20	20.92	20.86	20.91	22	2				
15	16QAM	36	39	20.79	20.75	20.78						
15	16QAM	75	0	20.83	20.82	20.78						
15	64QAM	1	0	20.96	20.92	21.00	22	2				
15	64QAM	1	37	20.94	20.93	20.94						
15	64QAM	1	74	20.90	20.89	20.88						
15	64QAM	36	0	19.82	19.78	19.81	21	3				
15	64QAM	36	20	19.89	19.87	19.85						
15	64QAM	36	39	19.85	19.86	19.81						
15	64QAM	75	0	19.97	19.92	19.85	21	3				
Channel												
Frequency (MHz)				1715	1745	1772.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.84	22.83	22.84	24	0				
10	QPSK	1	25	22.75	22.72	22.69						
10	QPSK	1	49	22.64	22.63	22.61						
10	QPSK	25	0	21.89	21.83	21.81	23	1				
10	QPSK	25	12	21.83	21.87	21.92						
10	QPSK	25	25	21.81	21.75	21.78						
10	QPSK	50	0	21.86	21.85	21.79	23	1				
10	16QAM	1	0	22.21	22.08	22.17						
10	16QAM	1	25	22.00	22.03	21.92						
10	16QAM	1	49	22.07	21.97	21.81	22	2				
10	16QAM	25	0	20.80	20.84	20.84						
10	16QAM	25	12	20.95	20.95	20.93						
10	16QAM	25	25	20.83	20.80	20.76	22	2				
10	16QAM	50	0	20.78	20.79	20.81						
10	64QAM	1	0	20.96	20.98	21.05						
10	64QAM	1	25	20.94	20.94	20.95	22	2				
10	64QAM	1	49	20.87	20.89	20.80						
10	64QAM	25	0	19.86	19.86	19.83						
10	64QAM	25	12	19.91	19.90	19.85	21	3				
10	64QAM	25	25	19.79	19.77	19.76						
10	64QAM	50	0	19.87	19.80	19.79						
Channel												
Frequency (MHz)				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	22.86	22.83	22.83	24	0				
5	QPSK	1	22	22.75	22.72	22.67						
5	QPSK	1	24	22.72	22.58	22.52						
5	QPSK	12	0	21.82	21.76	21.79	23	1				
5	QPSK	12	7	21.91	21.82	21.91						
5	QPSK	12	13	21.83	21.82	21.78						
5	QPSK	25	0	21.82	21.86	21.75	23	1				
5	16QAM	1	0	22.20	22.07	22.16						
5	16QAM	1	12	22.05	22.03	21.93						
5	16QAM	1	24	22.01	21.94	21.80	22	2				
5	16QAM	12	0	20.79	20.77	20.78						
5	16QAM	12	7	20.86	20.83	20.84						
5	16QAM	12	13	20.76	20.83	20.83	22	2				
5	16QAM	25	0	20.81	20.81	20.73						
5	16QAM	1	0	21.02	21.01	21.07						
5	64QAM	1	12	20.99	20.90	20.98	22	2				
5	64QAM	1	24	20.94	20.89	20.83						
5	64QAM	12	0	19.89	19.82	19.83						
5	64QAM	12	7	19.93	19.91	19.85	21	3				
5	64QAM	12	13	19.79	19.80	19.84						
5	64QAM	25	0	19.89	19.81	19.81						
Channel												
Frequency (MHz)				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)				
3	QPSK	1	0	22.88	22.82	22.83	24	0				
3	QPSK	1	8	22.75	22.64	22.63						
3	QPSK	1	14	22.66	22.62	22.57						
3	QPSK	8	0	21.82	21.76	21.80	23	1				
3	QPSK	8	7	21.91	21.81	21.82						
3	QPSK	8	7	21.85	21.76	21.73						
3	QPSK	15	0	21.82	21.80	21.80	23	1				
3	16QAM	1	0	22.20	22.14	22.13						
3	16QAM	1	8	22.06	21.95	21.95						
3	16QAM	1	14	22.02	21.98	21.84	22	2				
3	16QAM	8	0	20.96	20.92	20.87						
3	16QAM	8	4	20.94	20.90	20.89						
3	16QAM	8	7	20.81	20.83	20.76	22	2				
3	16QAM	15	0	20.83	20.86	20.75						
3	64QAM	1	0	21.03	21.03	21.03						
3	64QAM	1	8	20.94	20.87	20.98	22	2				
3	64QAM	1	20	21.01	20.99	20.81						
3	64QAM	8	0	19.87	19.83	19.80						
3	64QAM	8	4	19.90	19.91	19.89	21	3				
3	64QAM	8	7	19.88	19.77	19.77						
3	64QAM	15	0	19.87	19.89	19.81						
Channel												
Frequency (MHz)				1717	1743	1773.3	Tune-up limit (dBm)	MPR (dB)				
1.4	QPSK	1	0	22.79	22.73	22.86	24	0				
1.4	QPSK	1	3	22.68	22.63	22.73						
1.4	QPSK	1	5	22.67	22.60	22.60						
1.4	QPSK	3	0	22.72	22.67	22.77	23	1				
1.4	QPSK	3	1	22.63	22.59	22.66						
1.4	QPSK	6	0	21.80	21.86	21.71						
1.4	16QAM	1	0	22.20	22.08	22.20	23	1				
1.4	16QAM	1	3	22.08	22.04	22.01						
1.4	16QAM	1	5	22.01	21.91	21.89						
1.4	16QAM	3	0	22.15	22.03	22.12	22	2				
1.4	16QAM	3	1	22.07	21.99	21.96						
1.4	16QAM	3	3	21.94	21.89	21.80						
1.4	64QAM	1	0	20.86	20.80	20.79	22	2				
1.4	64QAM	1	0	21.03	21.03	21.07						
1.4	64QAM	1	3	20.91	20.90	20.96						
1.4	64QAM	1	5	20.96	20.93	20.87	22	2				
1.4	64QAM	3	0	20.79	20.71	20.76						
1.4	64QAM	3	3	20.99	20.92	21.03						
1.4	64QAM	3	3	20.93	20.90	20.90	21	3				
1.4	64QAM	6	0	19.84	19.84	19.77						

Band 66_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											
Frequency (MHz)											
20	QPSK	1	0	20.92	17.43	17.70	22	0			
20	QPSK	1	49	20.79	20.79	20.72					
20	QPSK	1	99	20.72	20.73	20.59					
20	QPSK	50	0	20.06	19.90	19.84					
20	QPSK	50	24	19.95	19.95	19.90	21	1			
20	QPSK	50	50	19.87	19.89	19.81					
20	QPSK	100	0	19.93	19.93	19.74					
20	16QAM	1	0	20.23	20.27	20.24					
20	16QAM	1	49	20.15	20.11	19.70	21	1			
20	16QAM	1	99	20.10	20.05	19.90					
20	16QAM	50	0	18.90	18.92	18.89					
20	16QAM	50	24	18.94	18.95	18.93					
20	16QAM	50	50	18.88	18.89	18.84	20	2			
20	16QAM	100	0	18.92	18.91	18.82					
20	64QAM	1	0	19.08	19.11	19.05					
20	64QAM	1	49	19.00	19.04	18.50					
20	64QAM	1	99	18.97	18.98	18.85	20	2			
20	64QAM	50	0	17.93	17.94	17.91					
20	64QAM	50	24	17.97	17.98	17.95					
20	64QAM	50	50	17.91	17.9	17.86					
20	64QAM	100	0	17.96	17.94	17.85	Channel		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				132047	132322	132997					
				1717.5	1745	1772.5					
15	QPSK	1	0	20.82	20.87	20.83	22	0			
15	QPSK	1	37	20.71	20.71	20.68					
15	QPSK	1	74	20.69	20.69	20.53					
15	QPSK	36	0	19.79	19.81	19.83					
15	QPSK	36	20	19.90	19.92	19.97	21	1			
15	QPSK	36	39	19.77	19.88	19.74					
15	QPSK	75	0	19.82	19.90	19.69					
15	16QAM	1	0	20.22	20.20	20.23					
15	16QAM	1	37	20.15	20.04	19.84	21	1			
15	16QAM	1	74	20.01	20.04	19.80					
15	16QAM	36	0	18.89	18.87	18.87					
15	16QAM	36	20	18.85	18.93	18.83					
15	16QAM	36	39	18.80	18.80	18.76	20	2			
15	16QAM	75	0	18.85	18.81	18.82					
15	64QAM	1	0	19.07	19.09	18.96					
15	64QAM	1	37	18.90	19.00	18.49					
15	64QAM	1	74	18.94	18.91	18.82	20	2			
15	64QAM	36	0	17.83	17.94	17.89					
15	64QAM	36	20	17.91	17.93	17.93					
15	64QAM	36	39	17.91	17.83	17.81					
15	64QAM	75	0	17.91	17.92	17.81	Channel		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				132022	132322	132922					
				1715	1745	1775					
10	QPSK	1	0	20.90	20.82	20.78	22	0			
10	QPSK	1	25	20.78	20.73	20.72					
10	QPSK	1	49	20.66	20.63	20.59					
10	QPSK	25	0	19.85	19.80	19.80					
10	QPSK	25	12	19.86	19.85	19.83	21	1			
10	QPSK	25	25	19.86	19.96	19.79					
10	QPSK	50	0	19.87	19.91	19.65					
10	16QAM	1	0	20.21	20.24	20.23					
10	16QAM	1	25	20.12	20.03	19.65	21	1			
10	16QAM	1	49	20.03	19.99	19.84					
10	16QAM	25	0	18.81	18.89	18.81					
10	16QAM	25	12	18.86	18.95	18.86					
10	16QAM	25	25	18.82	18.88	18.82	20	2			
10	16QAM	50	0	18.85	18.87	18.76					
10	64QAM	1	0	19.08	19.04	19.04					
10	64QAM	1	25	18.99	18.94	18.45					
10	64QAM	1	49	18.90	18.88	18.75	19	3			
10	64QAM	25	0	17.85	17.90	17.86					
10	64QAM	25	12	17.87	17.92	17.89					
10	64QAM	25	25	17.89	17.85	17.84					
10	64QAM	50	0	17.94	17.88	17.76	Channel		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				131997	132322	132647					
				1712.5	1745	1777.5					
5	QPSK	1	0	20.90	20.85	20.81	22	0			
5	QPSK	1	12	20.73	20.75	20.63					
5	QPSK	1	24	20.69	20.66	20.58					
5	QPSK	12	0	19.77	19.89	19.77					
5	QPSK	12	7	19.89	19.88	19.87	21	1			
5	QPSK	12	13	19.80	19.82	19.73					
5	QPSK	25	0	19.84	19.90	19.72					
5	16QAM	1	0	20.22	20.24	20.23					
5	16QAM	1	12	20.09	20.11	19.83	21	1			
5	16QAM	1	24	20.07	19.98	19.83					
5	16QAM	12	0	18.86	18.89	18.86					
5	16QAM	12	7	18.94	18.91	18.90					
5	16QAM	12	13	18.84	18.84	18.83	20	2			
5	16QAM	25	0	18.84	18.91	18.80					
5	64QAM	1	0	19.08	19.07	19.01					
5	64QAM	1	12	18.92	18.95	18.49					
5	64QAM	1	24	18.92	18.93	18.77	20	2			
5	64QAM	12	0	17.85	17.92	17.90					
5	64QAM	12	7	17.88	17.88	17.94					
5	64QAM	12	13	17.85	17.83	17.86					
5	64QAM	25	0	17.86	17.87	17.84	Channel		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				131987	132322	132657					
				1711.5	1745	1778.5					
3	QPSK	1	0	20.83	20.90	20.85	22	0			
3	QPSK	1	8	20.71	20.74	20.65					
3	QPSK	1	14	20.63	20.67	20.56					
3	QPSK	8	0	19.81	19.80	19.79					
3	QPSK	8	4	19.86	19.95	19.86	21	1			
3	QPSK	8	7	19.76	19.82	19.75					
3	QPSK	15	0	19.84	19.88	19.65					
3	16QAM	1	0	20.17	20.23	20.14					
3	16QAM	1	8	20.13	20.01	19.66	21	1			
3	16QAM	1	14	20.08	19.96	19.80					
3	16QAM	8	0	18.87	18.91	18.86					
3	16QAM	8	4	18.91	18.85	18.92					
3	16QAM	8	7	18.90	18.81	18.75	20	2			
3	16QAM	15	0	18.85	18.86	18.78					
3	64QAM	1	0	19.88	19.03	19.04					
3	64QAM	1	8	18.98	19.04	18.49					
3	64QAM	1	14	18.92	18.97	18.83	20	2			
3	64QAM	8	0	17.89	17.91	17.88					
3	64QAM	8	4	17.95	17.96	17.85					
3	64QAM	8	7	17.83	17.85	17.79					
3	64QAM	15	0	17.86	17.93	17.82	Channel		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				131979	132322	132665					
				1710.7	1743	1776.3					
1.4	QPSK	1	0	20.81	20.86	20.78	22	0			
1.4	QPSK	1	3	20.79	20.70	20.68					
1.4	QPSK	1	5	20.68	20.64	20.55					
1.4	QPSK	3	0	20.73	20.77	20.78					
1.4	QPSK	3	3	20.69	20.60	20.59	21	1			
1.4	QPSK	3	3	20.61	20.54	20.54					
1.4	QPSK	6	0	19.94	19.89	19.87					
1.4	16QAM	1	0	20.21	20.23	20.16					
1.4	16QAM	1	3	20.13	20.08	19.80	21	1			
1.4	16QAM	1	5	20.06	20.04	19.82					
1.4	16QAM	3	0	20.16	20.22	20.15					
1.4	16QAM	3	1	20.05	20.05	19.60					
1.4	16QAM	3	3	20.09	20.09	19.74	20	2			
1.4	64QAM	1	0	19.91	18.81	18.77					
1.4	64QAM	1	3	19.08	19.10	19.05					
1.4	64QAM	1	3	19.86	19.04	18.81					
1.4	64QAM	1	5	18.86	18.90	17.85	20	2			
1.4	64QAM	3	0	18.82	18.73	18.74					
1.4	64QAM	3	3	19.08	19.1	19.02					
1.4	64QAM	3	3	18.94	18.94	18.33					
1.4	64QAM	6	0	17.87	17.92	17.76	19	3			

Band 38_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.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.46	22.43	22.68	23	1	
20	QPSK	1	49	22.47	22.51	22.63			
20	QPSK	1	99	22.46	22.64	22.52			
20	QPSK	50	0	21.23	21.20	21.33	23	1	
20	QPSK	50	24	21.30	21.32	21.41			
20	QPSK	50	50	21.28	21.32	21.54			
20	QPSK	100	0	21.31	21.37	21.42	23	1	
20	16QAM	1	0	21.27	21.40	21.37			
20	16QAM	1	49	21.38	21.32	21.47			
20	16QAM	1	99	21.35	21.47	21.69	22	2	
20	16QAM	50	0	20.26	20.25	20.49			
20	16QAM	50	24	20.33	20.31	20.42			
20	16QAM	50	50	20.27	20.44	20.53	22	2	
20	16QAM	100	0	20.26	20.26	20.47			
20	64QAM	1	0	20.14	20.15	20.18			
20	64QAM	1	49	20.25	20.21	20.37	21	3	
20	64QAM	1	99	20.20	20.36	20.50			
20	64QAM	50	0	19.28	19.25	19.36			
20	64QAM	50	24	19.34	19.34	19.41	20	2	
20	64QAM	50	50	19.31	19.30	19.48			
20	64QAM	100	0	19.23	19.38	19.37			
Channel				37825	38000	38175	24	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.41	23.40	23.67	23	1	
15	QPSK	1	37	23.47	23.46	23.63			
15	QPSK	1	74	23.53	23.64	23.45			
15	QPSK	36	0	21.21	21.19	21.27	23	1	
15	QPSK	36	20	21.29	21.27	21.31			
15	QPSK	36	39	21.27	21.29	21.42			
15	QPSK	75	0	21.20	21.23	21.39	23	1	
15	16QAM	1	0	21.22	21.26	21.29			
15	16QAM	1	37	21.33	21.33	21.41			
15	16QAM	1	74	21.31	21.45	21.56	22	2	
15	16QAM	36	0	20.13	20.24	20.37			
15	16QAM	36	20	20.26	20.22	20.45			
15	16QAM	36	39	20.28	20.36	20.55	22	2	
15	16QAM	75	0	20.22	20.31	20.43			
15	64QAM	1	0	20.02	20.04	20.11			
15	64QAM	1	37	20.17	20.25	20.37	21	3	
15	64QAM	1	74	20.20	20.36	20.43			
15	64QAM	36	0	19.09	19.22	19.40			
15	64QAM	36	20	19.25	19.35	19.46	20	2	
15	64QAM	36	39	19.23	19.31	19.50			
15	64QAM	75	0	19.20	19.38	19.41			
Channel				37800	38000	38200	24	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.41	23.39	23.61	23	1	
10	QPSK	1	25	23.37	23.42	23.60			
10	QPSK	1	49	23.52	23.55	23.35			
10	QPSK	25	0	21.17	21.18	21.23	23	1	
10	QPSK	25	12	21.25	21.27	21.30			
10	QPSK	25	25	21.19	21.28	21.36			
10	QPSK	50	0	21.19	21.15	21.36	23	1	
10	16QAM	1	0	21.21	21.25	21.19			
10	16QAM	1	25	21.24	21.32	21.38			
10	16QAM	1	49	21.31	21.45	21.53	22	2	
10	16QAM	25	0	20.05	20.24	20.30			
10	16QAM	25	12	20.16	20.17	20.42			
10	16QAM	25	25	20.25	20.29	20.54	22	2	
10	16QAM	50	0	20.13	20.26	20.40			
10	64QAM	1	0	20.07	20.05	20.09			
10	64QAM	1	25	20.13	20.18	20.36	21	3	
10	64QAM	1	49	20.20	20.33	20.34			
10	64QAM	25	0	19.04	19.17	19.40			
10	64QAM	25	12	19.19	19.25	19.45	20	2	
10	64QAM	25	25	19.19	19.28	19.47			
10	64QAM	50	0	19.18	19.34	19.32			
Channel				37775	38000	38225	24	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.40	23.29	23.61	23	1	
5	QPSK	1	12	23.33	23.35	23.56			
5	QPSK	1	24	23.52	23.52	23.33			
5	QPSK	12	0	21.15	21.12	21.13	23	1	
5	QPSK	12	7	21.19	21.19	21.26			
5	QPSK	12	13	21.16	21.27	21.31			
5	QPSK	25	0	21.11	21.07	21.26	23	1	
5	16QAM	1	0	21.17	21.19	21.16			
5	16QAM	1	12	21.14	21.26	21.34			
5	16QAM	1	24	21.30	21.42	21.51	22	2	
5	16QAM	12	0	20.04	20.16	20.21			
5	16QAM	12	7	20.11	20.17	20.37			
5	16QAM	12	13	20.22	20.24	20.49	22	2	
5	16QAM	25	0	20.13	20.18	20.31			
5	64QAM	1	0	20.03	20.05	20.07			
5	64QAM	1	12	20.13	20.09	20.29	21	3	
5	64QAM	1	24	20.12	20.23	20.26			
5	64QAM	12	0	19.04	19.17	19.39			
5	64QAM	12	7	19.13	19.15	19.44	20	2	
5	64QAM	12	13	19.09	19.26	19.46			
5	64QAM	25	0	19.17	19.32	19.23			

Band 38_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				37850	38000	38150	22	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.39	20.29	20.14	21	1	
20	QPSK	1	49	20.31	20.17	19.97			
20	QPSK	1	99	20.31	20.42	20.25			
20	QPSK	50	0	19.41	19.50	19.43	20	2	
20	QPSK	50	24	19.46	19.66	19.54			
20	QPSK	50	50	19.49	19.69	19.81			
20	QPSK	100	0	19.49	19.40	19.53	21	1	
20	16QAM	1	0	19.40	19.58	19.76			
20	16QAM	1	49	19.39	19.45	19.40			
20	16QAM	1	99	19.43	19.44	19.43	20	2	
20	16QAM	50	0	18.45	18.29	18.43			
20	16QAM	50	24	18.54	18.69	18.65			
20	16QAM	50	50	18.52	18.58	18.53	20	2	
20	16QAM	100	0	18.51	18.54	18.67			
20	64QAM	1	0	18.13	18.15	18.05			
20	64QAM	1	49	18.13	17.97	17.94	20	2	
20	64QAM	1	99	18.14	18.07	18.25			
20	64QAM	50	0	17.45	17.58	17.76			
20	64QAM	50	24	17.55	17.70	17.78	19	3	
20	64QAM	50	50	17.53	17.36	17.44			
20	64QAM	100	0	17.53	17.63	17.82			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	22	0	
15	QPSK	1	0	20.35	20.20	20.14			
15	QPSK	1	37	20.23	20.12	19.91	21	1	
15	QPSK	1	74	20.23	20.41	20.23			
15	QPSK	36	0	19.35	19.49	19.37			
15	QPSK	36	20	19.39	19.56	19.44	21	1	
15	QPSK	36	39	19.41	19.67	19.78			
15	QPSK	75	0	19.41	19.33	19.49			
15	16QAM	1	0	19.38	19.51	19.72	21	1	
15	16QAM	1	37	19.35	19.42	19.38			
15	16QAM	1	74	19.37	19.37	19.34			
15	16QAM	36	0	18.39	18.19	18.40	20	2	
15	16QAM	36	20	18.54	18.69	18.63			
15	16QAM	36	39	18.52	18.56	18.44			
15	16QAM	75	0	18.41	18.44	18.61	20	2	
15	64QAM	1	0	18.09	18.13	18.04			
15	64QAM	1	37	18.03	17.94	17.88			
15	64QAM	1	74	18.08	18.03	18.17	19	3	
15	64QAM	36	0	17.45	17.54	17.73			
15	64QAM	36	20	17.49	17.61	17.63			
15	64QAM	36	39	17.51	17.35	17.43	19	3	
15	64QAM	36	75	17.57	17.57	17.76			
15	64QAM	75	0	17.45	17.57	17.73			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	22	0	
10	QPSK	1	0	20.34	20.11	20.07			
10	QPSK	1	25	20.22	20.05	19.83	21	1	
10	QPSK	1	49	20.14	20.35	20.13			
10	QPSK	25	0	19.31	19.44	19.35			
10	QPSK	25	12	19.37	19.48	19.35	21	1	
10	QPSK	25	25	19.41	19.61	19.69			
10	QPSK	50	0	19.36	19.30	19.44			
10	16QAM	1	0	19.32	19.47	19.71	21	1	
10	16QAM	1	25	19.34	19.32	19.38			
10	16QAM	1	49	19.36	19.30	19.34			
10	16QAM	25	0	18.35	18.16	18.34	20	2	
10	16QAM	25	12	18.44	18.65	18.61			
10	16QAM	25	25	18.46	18.56	18.36			
10	16QAM	50	0	18.37	18.40	18.53	20	2	
10	64QAM	1	0	18.00	18.09	18.03			
10	64QAM	1	25	17.98	17.91	17.80			
10	64QAM	1	49	18.05	17.93	18.11	19	3	
10	64QAM	25	0	17.35	17.46	17.66			
10	64QAM	25	12	17.39	17.60	17.69			
10	64QAM	25	25	17.49	17.31	17.38	19	3	
10	64QAM	50	0	17.40	17.56	17.73			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	22	0	
5	QPSK	1	0	20.29	20.10	19.97			
5	QPSK	1	12	20.22	20.05	19.73	21	1	
5	QPSK	1	24	20.09	20.42	20.04			
5	QPSK	12	0	19.29	19.26	19.29			
5	QPSK	12	7	19.27	19.44	19.29	21	1	
5	QPSK	12	13	19.32	19.53	19.68			
5	QPSK	25	0	19.33	19.24	19.42			
5	16QAM	1	0	19.25	19.39	19.69	21	1	
5	16QAM	1	12	19.33	19.30	19.34			
5	16QAM	1	24	19.27	19.24	19.28			
5	16QAM	12	0	18.26	18.11	18.33	20	2	
5	16QAM	12	7	18.39	17.91	18.59			
5	16QAM	12	13	18.37	18.49	18.30			
5	16QAM	25	0	18.28	18.38	18.49	20	2	
5	64QAM	1	0	17.92	17.99	17.99			
5	64QAM	1	12	17.96	17.91	17.75			
5	64QAM	1	24	18.04	17.83	18.05	19	3	
5	64QAM	12	0	17.26	17.39	17.61			
5	64QAM	12	7	17.30	17.52	17.59			
5	64QAM	12	13	17.47	17.30	17.30	19	3	
5	64QAM	25	0	17.32	17.51	17.66			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				39750	40185	40620	41055	41490		
20	QPSK	1	0	22.00	22.40	22.90	23.34	23.80	24	0
20	QPSK	1	49	22.28	22.28	22.94	22.34	22.58		
20	QPSK	1	99	22.26	22.33	22.96	22.44	22.67		
20	QPSK	50	0	21.60	21.62	22.18	21.62	21.80		
20	QPSK	50	24	21.59	21.60	22.15	21.61	21.80	23	1
20	QPSK	50	50	21.55	21.59	22.17	21.62	21.87		
20	QPSK	100	0	21.61	21.62	22.25	21.62	21.80		
20	16QAM	1	0	21.71	21.70	22.37	21.76	21.99		
20	16QAM	1	49	21.70	21.68	22.35	21.71	21.96	23	1
20	16QAM	1	99	21.60	21.67	22.43	21.76	22.00		
20	16QAM	50	0	20.60	20.64	21.20	20.68	20.84		
20	16QAM	50	24	20.64	20.68	21.30	20.68	20.86		
20	16QAM	50	50	20.61	20.66	21.30	20.65	20.91	22	2
20	16QAM	100	0	20.63	20.66	21.31	20.66	20.83		
20	64QAM	1	0	20.49	20.48	21.13	20.61	20.92		
20	64QAM	1	49	20.54	20.50	21.15	20.55	20.88		
20	64QAM	1	99	20.54	20.52	21.26	20.63	20.97	22	2
20	64QAM	50	0	19.62	19.64	20.20	19.65	19.82		
20	64QAM	50	24	19.62	19.69	20.31	19.68	19.84		
20	64QAM	50	50	19.61	19.67	20.31	19.64	19.89		
20	64QAM	100	0	19.67	19.67	20.29	19.64	19.84		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.20	22.27	22.96	22.36	22.67	24	0
15	QPSK	1	37	22.27	22.26	22.92	22.31	22.52		
15	QPSK	1	74	22.24	22.30	22.91	22.40	22.62		
15	QPSK	36	0	21.59	21.59	22.13	21.56	21.80		
15	QPSK	36	20	21.54	21.58	22.23	21.53	21.77	23	1
15	QPSK	36	39	21.47	21.51	22.19	21.60	21.87		
15	QPSK	75	0	21.51	21.54	22.21	21.60	21.77		
15	16QAM	1	0	21.63	21.66	22.37	21.66	21.92		
15	16QAM	1	37	21.64	21.68	22.29	21.61	21.94	23	1
15	16QAM	1	74	21.58	21.58	22.39	21.70	21.99		
15	16QAM	36	0	20.51	20.59	21.13	20.64	20.74		
15	16QAM	36	20	20.59	20.58	21.29	20.61	20.76		
15	16QAM	36	39	20.51	20.65	21.24	20.64	20.90	22	2
15	16QAM	75	0	20.58	20.62	21.25	20.58	20.81		
15	64QAM	1	0	20.43	20.40	21.10	20.58	20.88		
15	64QAM	1	37	20.45	20.40	21.14	20.46	20.85		
15	64QAM	1	74	20.51	20.51	21.18	20.55	20.91	22	2
15	64QAM	36	0	19.56	19.54	20.13	19.57	19.82		
15	64QAM	36	20	19.60	19.61	20.29	19.68	19.80		
15	64QAM	36	39	19.53	19.57	20.30	19.55	19.81		
15	64QAM	75	0	19.64	19.60	20.20	19.58	19.74	21	3
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.20	22.28	22.94	22.32	22.71		
10	QPSK	1	25	22.26	22.19	22.94	22.30	22.49	24	0
10	QPSK	1	49	22.23	22.28	22.99	22.41	22.62		
10	QPSK	25	0	21.59	21.56	22.14	21.57	21.75		
10	QPSK	25	12	21.59	21.50	22.22	21.54	21.71		
10	QPSK	25	25	21.50	21.54	22.21	21.59	21.80	23	1
10	QPSK	50	0	21.55	21.55	22.26	21.57	21.71		
10	16QAM	1	0	21.62	21.60	22.37	21.71	21.98		
10	16QAM	1	25	21.67	21.61	22.25	21.66	21.95		
10	16QAM	1	49	21.55	21.61	22.37	21.68	21.97	23	1
10	16QAM	25	0	20.50	20.59	21.10	20.68	20.84		
10	16QAM	25	12	20.57	20.64	21.20	20.66	20.78		
10	16QAM	25	25	20.58	20.60	21.22	20.57	20.82		
10	16QAM	50	0	20.59	20.61	21.28	20.60	20.81	22	2
10	64QAM	1	0	20.47	20.44	21.10	20.60	20.87		
10	64QAM	1	25	20.49	20.45	21.13	20.54	20.82		
10	64QAM	1	49	20.49	20.45	21.25	20.56	20.95		
10	64QAM	25	0	19.60	19.59	20.19	19.58	19.74	22	2
10	64QAM	25	12	19.54	19.60	20.27	19.59	19.83		
10	64QAM	25	25	19.53	19.63	20.31	19.55	19.88		
10	64QAM	50	0	19.59	19.58	20.29	19.59	19.82		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.25	22.20	22.96	22.37	22.64	24	0
5	QPSK	1	12	22.25	22.19	22.86	22.31	22.57		
5	QPSK	1	24	22.22	22.27	23.00	22.34	22.63		
5	QPSK	12	0	21.52	21.53	22.14	21.62	21.72		
5	QPSK	12	7	21.55	21.59	22.22	21.59	21.74	23	1
5	QPSK	12	13	21.51	21.58	22.19	21.61	21.77		
5	QPSK	25	0	21.53	21.62	22.22	21.56	21.76		
5	16QAM	1	0	21.66	21.62	22.28	21.70	21.91		
5	16QAM	1	12	21.68	21.58	22.29	21.68	21.86	23	1
5	16QAM	1	24	21.53	21.63	22.43	21.72	21.91		
5	16QAM	12	0	20.53	20.54	21.19	20.59	20.80		
5	16QAM	12	7	20.58	20.59	21.20	20.59	20.83		
5	16QAM	12	13	20.58	20.61	21.23	20.59	20.82	22	2
5	16QAM	25	0	20.55	20.62	21.31	20.63	20.79		
5	64QAM	1	0	20.49	20.44	21.08	20.61	20.91		
5	64QAM	1	12	20.52	20.43	21.12	20.46	20.83		
5	64QAM	1	24	20.44	20.47	21.19	20.58	20.92	22	2
5	64QAM	12	0	19.59	19.54	20.19	19.62	19.74		
5	64QAM	12	7	19.57	19.64	20.25	19.67	19.75		
5	64QAM	12	13	19.55	19.64	20.27	19.60	19.81		
5	64QAM	25	0	19.67	19.60	20.22	19.58	19.79		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.25	22.20	22.96	22.37	22.64	24	0
5	QPSK	1	12	22.25	22.19	22.86	22.31	22.57		
5	QPSK	1	24	22.22	22.27	23.00	22.34	22.63		
5	QPSK	12	0	21.52	21.53	22.14	21.62	21.72		
5	QPSK	12	7	21.55	21.59	22.22	21.59	21.74	23	1
5	QPSK	12	13	21.51	21.58	22.19	21.61	21.77		
5	QPSK	25	0	21.53	21.62	22.22	21.56	21.76		
5	16QAM	1	0	21.66	21.62	22.28	21.70	21.91		
5	16QAM	1	12	21.68	21.58	22.29	21.68	21.86	23	1
5	16QAM	1	24	21.53	21.63	22.43	21.72	21.91		
5	16QAM	12	0	20.53	20.54	21.19	20.59	20.80		
5	16QAM	12	7	20.58	20.59	21.20	20.59	20.83		
5	16QAM	12	13	20.58	20.61	21.23	20.59	20.82	22	2
5	16QAM	25	0	20.55	20.62	21.31	20.63	20.79		
5	64QAM	1	0	20.49	20.44	21.08	20.61	20.91		
5	64QAM	1	12	20.52	20.43	21.12	20.46	20.83		
5	64QAM	1	24	20.44	20.47	21.19	20.58	20.92	22	2
5	64QAM	12	0	19.59	19.54	20.19	19.62	19.74		
5	64QAM	12	7	19.57	19.64	20.25	19.67	19.75		
5	64QAM	12	13	19.55	19.64	20.27	19.60	19.81		
5	64QAM	25	0	19.67	19.60	20.22	19.58	19.79		

Band 41_Ant 2 DSI 2&4&6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				39750	40195	40620	41055	41490		
20	QPSK	1	0	22.61	22.03	22.03	22.03	22.06	23.5	0
20	QPSK	1	49	22.55	22.07	22.07	21.94	22.08		
20	QPSK	1	99	22.53	22.07	22.17	21.96	22.21		
20	QPSK	50	0	21.78	21.20	21.17	21.05	21.13		
20	QPSK	50	24	21.76	21.22	21.25	21.06	21.16	22.5	1
20	QPSK	50	50	21.74	21.20	21.25	21.03	21.24		
20	QPSK	100	0	21.77	21.22	21.24	21.06	21.16		
20	16QAM	1	0	21.77	21.19	21.26	21.16	21.20		
20	16QAM	1	49	21.70	21.14	21.18	21.01	21.20	22.5	1
20	16QAM	1	99	21.73	21.17	21.27	21.06	21.29		
20	16QAM	50	0	20.80	20.24	20.20	20.13	20.18		
20	16QAM	50	24	20.78	20.25	20.26	20.10	20.20		
20	16QAM	50	50	20.77	20.24	20.28	20.08	20.29	21.5	2
20	16QAM	100	0	20.81	20.24	20.26	20.09	20.18		
20	64QAM	1	0	20.48	19.87	19.97	19.83	19.95		
20	64QAM	1	49	20.48	19.90	19.91	19.82	19.95		
20	64QAM	1	99	20.46	19.90	19.92	19.83	20.08	21.5	2
20	64QAM	50	0	19.80	19.25	19.22	19.13	19.20		
20	64QAM	50	24	19.81	19.25	19.29	19.12	19.21		
20	64QAM	50	50	19.79	19.27	19.30	19.08	19.28		
20	64QAM	100	0	19.82	19.26	19.29	19.10	19.21		
Channel										
Frequency (MHz)				39750	40173	40620	41066	41515	Turn-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.54	21.95	22.05	22.00	22.06	23.5	0
15	QPSK	1	37	22.65	22.05	22.06	21.89	21.98	23.5	0
15	QPSK	1	74	22.59	21.98	22.12	21.89	22.20		
15	QPSK	36	0	21.67	21.10	21.17	21.05	21.11		
15	QPSK	36	20	21.75	21.13	21.22	21.05	21.06		
15	QPSK	36	39	21.74	21.18	21.17	21.01	21.14	22.5	1
15	QPSK	75	0	21.75	21.21	21.17	20.98	21.08		
15	16QAM	1	0	21.73	21.11	21.19	21.06	21.13		
15	16QAM	1	37	21.62	21.12	21.08	20.97	21.19		
15	16QAM	1	74	21.70	21.09	21.26	21.02	21.25	22.5	1
15	16QAM	36	0	20.75	20.19	20.16	20.08	20.16		
15	16QAM	36	20	20.70	20.19	20.21	20.04	20.13		
15	16QAM	36	39	20.72	20.19	20.18	20.07	20.23		
15	16QAM	75	0	20.74	20.22	20.20	20.06	20.14	21.5	2
15	64QAM	1	0	20.47	19.79	19.89	19.82	19.93		
15	64QAM	1	37	20.43	19.88	19.89	19.81	19.88		
15	64QAM	1	74	20.39	19.92	19.95	19.77	20.08		
15	64QAM	36	0	19.73	19.25	19.19	19.06	19.12	20.5	3
15	64QAM	36	20	19.75	19.22	19.20	19.02	19.12		
15	64QAM	36	39	19.75	19.21	19.28	19.02	19.22		
15	64QAM	75	0	19.79	19.25	19.28	19.07	19.20		
Channel										
Frequency (MHz)				39700	40160	40620	41030	41490	Turn-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.61	21.96	22.07	22.00	21.96	23.5	0
10	QPSK	1	25	22.56	22.02	22.04	21.88	22.00		
10	QPSK	1	49	22.55	21.99	22.17	21.92	22.15		
10	QPSK	25	0	21.73	21.16	21.12	21.00	21.03		
10	QPSK	25	12	21.76	21.15	21.16	21.01	21.11		
10	QPSK	25	25	21.69	21.14	21.22	20.94	21.19		
10	QPSK	50	0	21.76	21.12	21.14	21.02	21.15		
10	16QAM	1	0	21.69	21.19	21.25	21.10	21.20		
10	16QAM	1	25	21.67	21.13	21.12	21.00	21.10		
10	16QAM	1	49	21.66	21.10	21.26	21.04	21.22		
10	16QAM	25	0	20.79	20.20	20.13	20.12	20.15	21.5	2
10	16QAM	25	12	20.72	20.21	20.28	20.07	20.14		
10	16QAM	25	25	20.75	20.16	20.22	20.02	20.22		
10	16QAM	50	0	20.80	20.20	20.16	20.06	20.12		
10	64QAM	1	0	20.43	19.86	19.88	19.81	19.89	21.5	2
10	64QAM	1	25	20.40	19.85	19.82	19.72	19.97		
10	64QAM	1	49	20.44	19.84	19.92	19.82	20.01		
10	64QAM	25	0	19.71	19.16	19.15	19.03	19.12		
10	64QAM	25	12	19.75	19.15	19.22	19.02	19.16	20.5	3
10	64QAM	25	25	19.76	19.24	19.23	19.07	19.19		
10	64QAM	50	0	19.72	19.23	19.27	19.07	19.15		
Channel										
Frequency (MHz)				39875	40148	40620	41093	41565	Turn-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.56	22.01	22.13	21.96	22.05	23.5	0
5	QPSK	1	12	22.65	22.01	22.04	21.84	22.02		
5	QPSK	1	24	22.62	22.03	22.11	21.96	22.12		
5	QPSK	12	0	21.69	21.11	21.17	21.02	21.11		
5	QPSK	12	7	21.69	21.21	21.18	20.98	21.10	22.5	1
5	QPSK	12	13	21.66	21.19	21.25	20.93	21.16		
5	QPSK	25	0	21.72	21.19	21.23	20.97	21.07		
5	16QAM	1	0	21.75	21.16	21.24	21.06	21.18		
5	16QAM	1	12	21.63	21.14	21.08	20.97	21.15	22.5	1
5	16QAM	1	24	21.71	21.17	21.26	21.03	21.29		
5	16QAM	12	0	20.80	20.19	20.14	20.06	20.16		
5	16QAM	12	7	20.99	20.17	20.18	20.03	20.14		
5	16QAM	12	13	20.71	20.20	20.21	20.04	20.23	21.5	2
5	16QAM	25	0	20.78	20.16	20.26	19.99	20.14		
5	64QAM	1	0	20.43	19.78	19.97	19.73	19.92		
5	64QAM	1	12	20.41	19.85	19.89	19.77	19.96		
5	64QAM	1	24	20.45	19.88	19.94	19.78	20.04	21.5	2
5	64QAM	12	0	19.70	19.18	19.17	19.07	19.12		
5	64QAM	12	7	19.81	19.21	19.28	19.09	19.21		
5	64QAM	12	13	19.78	19.24	19.30	18.98	19.19		
5	64QAM	25	0	19.75	19.17	19.25	19.01	19.19		

Band 41_Ant 2 (HPUE) DSI 2&4&6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
				39750	40185	40620	41065	41490				
Frequency (MHz)												
20	QPSK	1	0	23.94	23.43	23.59	23.34	22.74	25	0		
20	QPSK	1	49	23.81	23.39	23.48	23.03	22.65				
20	QPSK	1	99	23.62	23.38	23.46	23.31	22.34				
20	QPSK	50	0	22.96	22.63	22.72	22.41	21.88				
20	QPSK	50	24	23.01	22.70	22.75	22.32	21.87				
20	QPSK	50	50	22.92	22.66	22.68	22.15	21.90				
20	QPSK	100	0	22.99	22.70	22.73	22.31	21.88				
20	16QAM	1	0	23.24	22.84	23.05	22.70	22.13				
20	16QAM	1	49	23.15	22.80	22.89	22.39	22.05				
20	16QAM	1	99	22.94	22.80	22.81	22.20	22.10				
20	16QAM	50	0	22.02	21.67	21.75	21.48	20.96	24	1		
20	16QAM	50	24	22.04	21.76	21.80	21.36	20.95				
20	16QAM	50	50	21.98	21.73	21.73	21.24	21.00				
20	16QAM	100	0	22.04	21.74	21.80	21.33	20.93				
20	64QAM	1	0	23.39	23.32	23.39	22.77	22.34				
20	64QAM	1	49	22.97	22.86	21.64	21.12	20.73				
20	64QAM	1	99	22.91	22.63	21.01	20.34	19.94				
20	64QAM	50	0	21.94	21.63	20.77	20.45	19.94				
20	64QAM	50	24	22.00	20.74	20.79	20.27	19.95				
20	64QAM	50	50	21.91	20.71	20.74	20.08	19.59	23	2		
20	64QAM	100	0	22.06	20.74	20.76	20.06	19.73				
Channel												
				39750	40175	40620	41068	41515			120 dB	MPR (dB)
Frequency (MHz)												
15	QPSK	1	0	23.90	23.40	23.55	23.33	22.70			25	0
15	QPSK	1	37	23.77	23.30	23.42	22.93	22.56				
15	QPSK	1	74	23.56	23.32	23.39	22.77	22.34				
15	QPSK	36	0	22.88	22.60	22.68	22.33	21.83				
15	QPSK	36	25	22.83	22.60	22.60	22.15	21.78				
15	QPSK	36	39	22.82	22.66	22.68	22.05	21.67				
15	QPSK	75	0	22.90	22.70	22.67	22.27	21.78				
15	16QAM	1	0	23.19	22.75	23.04	22.61	22.03				
15	16QAM	1	37	23.10	22.76	22.81	22.34	22.01				
15	16QAM	1	74	22.94	22.78	22.74	22.19	22.08				
15	16QAM	36	0	21.95	21.67	21.67	21.20	20.78	24	1		
15	16QAM	36	25	21.94	21.71	21.79	21.29	20.94				
15	16QAM	36	39	21.94	21.70	21.73	21.16	20.94				
15	16QAM	75	0	21.94	21.71	21.76	21.23	20.89				
15	64QAM	1	0	23.01	22.70	21.58	21.21	20.89				
15	64QAM	1	37	22.90	22.65	21.61	21.20	20.68				
15	64QAM	1	74	22.81	22.58	20.95	20.31	19.92				
15	64QAM	36	0	21.86	21.55	20.75	20.41	19.94				
15	64QAM	36	25	21.95	20.68	20.79	20.22	19.95				
15	64QAM	36	39	21.83	20.70	20.72	19.98	19.50	22	3		
15	64QAM	75	0	22.00	20.67	20.70	20.08	19.59				
Channel												
				2501	2547	2593	2639	2685			120 dB	MPR (dB)
Frequency (MHz)												
10	QPSK	1	0	23.85	23.38	23.47	23.29	22.66			25	0
10	QPSK	1	25	23.68	23.24	23.36	22.93	22.47				
10	QPSK	1	49	23.53	23.26	23.33	22.69	22.31				
10	QPSK	1	74	22.82	22.57	22.57	22.12	21.80				
10	QPSK	25	12	22.85	22.60	22.66	22.25	21.71				
10	QPSK	25	25	22.88	22.65	22.60	21.96	21.79				
10	QPSK	50	0	22.81	22.67	22.64	22.19	21.78				
10	16QAM	1	0	23.13	22.68	22.97	22.60	22.01				
10	16QAM	1	25	23.03	22.74	22.72	22.32	21.97				
10	16QAM	1	49	22.85	22.69	22.72	22.19	21.98				
10	16QAM	25	0	21.90	21.66	21.68	21.29	20.78	23	2		
10	16QAM	25	12	21.92	21.68	21.70	21.21	20.93				
10	16QAM	25	25	21.94	21.65	21.66	21.08	20.91				
10	16QAM	50	0	21.84	21.67	21.67	21.19	20.80				
10	64QAM	1	0	22.95	22.70	21.62	21.20	20.67				
10	64QAM	1	25	22.88	22.64	21.62	20.97	20.68				
10	64QAM	1	49	22.79	22.54	20.91	20.26	19.86				
10	64QAM	25	0	21.84	21.47	20.67	20.36	19.84				
10	64QAM	25	12	21.87	20.63	20.27	20.20	19.86				
10	64QAM	25	25	21.73	20.68	20.67	19.80	19.48	22	3		
10	64QAM	50	0	21.98	20.59	20.61	20.02	19.68				
Channel												
				39675	40148	40620	41063	41565			120 dB	MPR (dB)
Frequency (MHz)												
5	QPSK	1	0	23.80	23.30	23.40	23.20	22.56			25	0
5	QPSK	1	12	23.95	23.17	23.27	22.62	22.37				
5	QPSK	1	24	23.50	23.38	23.38	22.72	22.37				
5	QPSK	12	0	22.82	22.55	22.51	22.27	21.75				
5	QPSK	12	7	22.82	22.57	22.57	22.15	21.63				
5	QPSK	12	13	22.84	22.65	22.58	21.96	21.71				
5	QPSK	25	0	22.81	22.61	22.55	22.17	21.78				
5	16QAM	1	0	23.08	22.66	22.97	22.59	21.98				
5	16QAM	1	12	22.95	22.74	22.70	22.30	21.99				
5	16QAM	1	24	22.78	22.68	22.65	22.14	21.96				
5	16QAM	12	0	21.88	21.63	21.60	21.21	20.76	23	2		
5	16QAM	12	13	21.91	21.59	21.63	21.18	20.85				
5	16QAM	12	7	21.94	21.59	21.63	21.00	20.90				
5	16QAM	25	0	21.80	21.63	21.63	21.02	20.71				
5	64QAM	1	0	22.95	22.65	21.48	21.17	20.87				
5	64QAM	1	12	22.87	22.55	21.58	20.89	20.63				
5	64QAM	1	24	22.75	22.50	20.87	20.21	19.78				
5	64QAM	12	0	21.74	21.47	20.67	20.28	19.75				
5	64QAM	12	8	21.81	21.49	20.58	20.20	19.82				
5	64QAM	12	13	21.64	20.61	20.62	19.82	19.44	22	3		
5	64QAM	25	0	21.96	20.52	20.55	19.97	19.65				

Band 48 (3.5G Band)_Ant 1 DSI 2&4&6												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power High Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				55340	55830	56150	56640					
Frequency (MHz)				3550	3609	3641	3690					
20	QPSK	1	0	23.93	23.97	23.91	23.89	24	0			
20	QPSK	1	49	23.81	23.85	23.80	23.75					
20	QPSK	1	99	23.79	23.76	23.69	23.65					
20	QPSK	50	0	21.48	21.51	21.44	21.41					
20	QPSK	50	24	21.48	21.44	21.38	21.35	23	1			
20	QPSK	50	50	21.39	21.36	21.25	21.28					
20	QPSK	100	0	21.44	21.44	21.39	21.36					
20	16QAM	1	0	21.68	21.64	21.62	21.61					
20	16QAM	1	49	21.57	21.56	21.45	21.46	23	1			
20	16QAM	1	99	21.46	21.42	21.36	21.75					
20	16QAM	50	0	20.54	20.53	20.50	20.46					
20	16QAM	50	24	20.51	20.51	20.44	20.43					
20	16QAM	50	50	20.45	20.41	20.28	20.33	22	2			
20	16QAM	100	0	20.48	20.48	20.46	20.37					
20	64QAM	1	0	20.41	20.38	20.31	20.28					
20	64QAM	1	49	20.41	20.38	20.31	20.28					
20	64QAM	1	99	20.33	20.27	20.14	20.14	21	3			
20	64QAM	50	0	19.54	19.54	19.53	19.47					
20	64QAM	50	24	19.54	19.49	19.48	19.42					
20	64QAM	50	50	19.48	19.42	19.31	19.36					
20	64QAM	100	0	19.51	19.46	19.45	19.43	Tune-up limit (dBm)	MPR (dB)			
Channel				55315	55820	56160	56655					
Frequency (MHz)				3557.5	3608	3642	3692.5	24	0			
15	QPSK	1	0	23.90	23.93	23.88	23.84					
15	QPSK	1	37	23.75	23.80	23.78	23.71	23	1			
15	QPSK	1	74	23.77	23.76	23.63	23.65					
15	QPSK	36	0	21.40	21.41	21.35	21.32					
15	QPSK	36	20	21.48	21.43	21.31	21.35					
15	QPSK	36	39	21.36	21.30	21.23	21.23	23	1			
15	QPSK	75	0	21.40	21.39	21.34	21.36					
15	16QAM	1	0	21.59	21.63	21.52	21.53					
15	16QAM	1	37	21.55	21.55	21.39	21.42					
15	16QAM	1	74	21.38	21.40	21.30	21.21	22	2			
15	16QAM	36	0	20.54	20.44	20.49	20.43					
15	16QAM	36	20	20.51	20.47	20.42	20.39					
15	16QAM	36	39	20.41	20.36	20.28	20.32					
15	16QAM	75	0	20.46	20.47	20.46	20.36	22	2			
15	64QAM	1	0	20.42	20.47	20.39	20.42					
15	64QAM	1	37	20.38	20.35	20.30	20.26					
15	64QAM	1	74	20.30	20.17	20.13	20.10					
15	64QAM	36	0	19.47	19.47	19.44	19.46	21	3			
15	64QAM	36	20	19.46	19.46	19.47	19.32					
15	64QAM	36	39	19.39	19.32	19.25	19.32					
15	64QAM	75	0	19.45	19.41	19.37	19.33					
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3555	3607.5	3642.5	3695					
10	QPSK	1	0	23.91	23.88	23.82	23.80	24	0			
10	QPSK	1	25	23.75	23.84	23.71	23.75					
10	QPSK	1	49	23.69	23.74	23.63	23.57					
10	QPSK	25	0	21.45	21.45	21.37	21.36					
10	QPSK	25	12	21.38	21.35	21.36	21.26	23	1			
10	QPSK	25	25	21.36	21.30	21.19	21.18					
10	QPSK	50	0	21.39	21.43	21.38	21.30					
10	16QAM	1	0	21.64	21.60	21.61	21.55					
10	16QAM	1	25	21.48	21.51	21.45	21.44	23	1			
10	16QAM	1	49	21.36	21.32	21.32	21.27					
10	16QAM	25	0	20.44	20.48	20.44	20.44					
10	16QAM	25	12	20.45	20.48	20.42	20.38					
10	16QAM	25	25	20.40	20.34	20.23	20.27	22	2			
10	16QAM	50	0	20.42	20.39	20.46	20.35					
10	64QAM	1	0	20.44	20.48	20.38	20.34					
10	64QAM	1	25	20.35	20.28	20.30	20.18					
10	64QAM	1	49	20.27	20.25	20.09	20.11	21	3			
10	64QAM	25	0	19.51	19.46	19.43	19.46					
10	64QAM	25	12	19.54	19.46	19.38	19.37					
10	64QAM	25	25	19.38	19.34	19.27	19.36					
10	64QAM	50	0	19.42	19.41	19.38	19.42	Tune-up limit (dBm)	MPR (dB)			
Channel				55265	55810	56170	56715					
Frequency (MHz)				3552.5	3607	3643	3697.5	24	0			
5	QPSK	1	0	23.86	23.84	23.81	23.86					
5	QPSK	1	12	23.78	23.75	23.73	23.69	23	1			
5	QPSK	1	24	23.79	23.70	23.67	23.57					
5	QPSK	12	0	21.41	21.45	21.35	21.37					
5	QPSK	12	7	21.46	21.40	21.30	21.29					
5	QPSK	12	13	21.31	21.33	21.18	21.18	23	1			
5	QPSK	25	0	21.37	21.41	21.36	21.27					
5	16QAM	1	0	21.63	21.61	21.61	21.53					
5	16QAM	1	12	21.49	21.54	21.42	21.38					
5	16QAM	1	24	21.44	21.35	21.34	21.22	22	2			
5	16QAM	12	0	20.47	20.52	20.46	20.41					
5	16QAM	12	7	20.41	20.41	20.42	20.37					
5	16QAM	12	13	20.41	20.41	20.21	20.25					
5	16QAM	25	0	20.48	20.45	20.46	20.37	22	2			
5	64QAM	1	0	20.46	20.51	20.37	20.37					
5	64QAM	1	12	20.40	20.37	20.26	20.22					
5	64QAM	1	24	20.30	20.21	20.10	20.12					
5	64QAM	12	0	19.52	19.46	19.46	19.44	21	3			
5	64QAM	12	7	19.53	19.42	19.47	19.42					
5	64QAM	12	13	19.38	19.41	19.25	19.33					
5	64QAM	25	0	19.48	19.38	19.39	19.36					

Band 48 (3.5G Band)_Ant 2 DSI 2&4&6&3&5															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel				55340	55830	56150	56640								
Frequency (MHz)				3550	3609	3641	3690								
20	QPSK	1	0	20.93	20.93	20.90	20.89	22	0						
20	QPSK	1	49	20.86	20.84	20.80	20.79								
20	QPSK	1	99	20.75	20.72	20.68	20.66								
20	QPSK	50	0	16.36	16.38	16.34	16.32								
20	QPSK	50	24	18.33	18.34	18.29	18.28	21	1						
20	QPSK	50	50	16.20	16.19	16.21	16.19								
20	QPSK	100	0	18.23	18.29	18.28	18.26								
20	16QAM	1	0	18.36	18.41	18.37	18.34								
20	16QAM	1	49	18.25	18.25	18.24	18.24	21	1						
20	16QAM	1	99	18.17	18.15	18.10	18.11								
20	16QAM	50	0	17.38	17.41	17.37	17.35								
20	16QAM	50	24	17.33	17.36	17.34	17.33								
20	16QAM	50	50	17.24	17.22	17.26	17.25	20	2						
20	16QAM	100	0	17.28	17.28	17.30	17.29								
20	84QAM	1	0	17.11	17.15	17.09	17.08								
20	84QAM	1	49	17.00	16.98	16.96	16.97								
20	84QAM	1	99	16.86	16.82	16.78	16.82	20	2						
20	84QAM	50	0	16.41	16.42	16.40	16.38								
20	84QAM	50	24	16.38	16.38	16.36	16.34								
20	84QAM	50	50	16.24	16.24	16.27	16.25								
20	84QAM	100	0	16.23	16.23	16.25	16.32	19	3						
Channel				55315	55810	56160	56665						Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				35575	3608	3642	3692.5								
15	QPSK	1	0	20.87	20.90	20.89	20.79						22	0	
15	QPSK	1	37	20.81	20.74	20.77	20.78								
15	QPSK	1	74	20.69	20.65	20.58	20.63								
15	QPSK	36	0	18.34	18.29	18.29	18.23								
15	QPSK	36	20	18.31	18.24	18.23	18.26	21	1						
15	QPSK	36	39	18.11	18.09	18.12	18.09								
15	QPSK	75	0	18.22	18.25	18.23	18.25								
15	16QAM	1	0	18.28	18.36	18.33	18.30								
15	16QAM	1	37	18.22	18.19	18.19	18.19	21	1						
15	16QAM	1	74	18.15	18.15	18.04	18.02								
15	16QAM	36	0	17.34	17.37	17.35	17.30								
15	16QAM	36	20	17.32	17.26	17.30	17.29								
15	16QAM	36	39	17.20	17.17	17.19	17.17	20	2						
15	16QAM	75	0	17.27	17.23	17.26	17.21								
15	84QAM	1	0	17.07	17.11	17.07	17.02								
15	84QAM	1	37	16.96	16.91	16.92	16.87								
15	84QAM	1	74	16.83	16.79	16.76	16.74	19	3						
15	84QAM	36	0	16.40	16.36	16.40	16.28								
15	84QAM	36	20	16.37	16.38	16.32	16.30								
15	84QAM	36	39	16.29	16.22	16.20	16.18								
15	84QAM	75	0	16.23	16.20	16.23	16.31	Tune-up limit (dBm)		MPR (dB)					
Channel				55290	55815	56165	56690								
Frequency (MHz)				35550	3607.5	3642.5	3695								
10	QPSK	1	0	20.85	20.88	20.84	20.85	22	0						
10	QPSK	1	25	20.81	20.84	20.78	20.77								
10	QPSK	1	49	20.72	20.64	20.58	20.65								
10	QPSK	25	0	18.28	18.32	18.28	18.30								
10	QPSK	25	12	18.23	18.34	18.24	18.28	21	1						
10	QPSK	25	25	18.11	18.19	18.20	18.11								
10	QPSK	50	0	18.16	18.21	18.23	18.20								
10	16QAM	1	0	18.28	18.34	18.28	18.27								
10	16QAM	1	25	18.23	18.17	18.14	18.21	21	1						
10	16QAM	1	49	18.10	18.07	18.05	18.09								
10	16QAM	25	0	17.32	17.35	17.31	17.31								
10	16QAM	25	12	17.31	17.36	17.33	17.24								
10	16QAM	25	25	17.14	17.21	17.24	17.25	20	2						
10	16QAM	50	0	17.25	17.23	17.25	17.22								
10	84QAM	1	0	17.10	17.14	17.02	17.01								
10	84QAM	1	25	16.96	16.95	16.91	16.90								
10	84QAM	1	49	16.79	16.80	16.77	16.79	20	2						
10	84QAM	25	0	16.38	16.32	16.32	16.35								
10	84QAM	25	12	16.28	16.38	16.32	16.34								
10	84QAM	25	25	16.15	16.20	16.18	16.26								
10	84QAM	50	0	16.20	16.24	16.27	16.23	19	3						
Channel				55265	55810	56170	56715						Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5								
5	QPSK	1	0	20.84	20.83	20.86	20.81						22	0	
5	QPSK	1	12	20.84	20.85	20.76	20.72								
5	QPSK	1	24	20.75	20.72	20.66	20.63								
5	QPSK	12	0	18.33	18.29	18.30	18.24								
5	QPSK	12	7	18.24	18.32	18.23	18.22	21	1						
5	QPSK	12	13	18.20	18.18	18.14	18.09								
5	QPSK	25	0	18.21	18.19	18.24	18.19								
5	16QAM	1	0	18.26	18.34	18.27	18.29								
5	16QAM	1	12	18.16	18.18	18.20	18.15	21	1						
5	16QAM	1	24	18.08	18.15	18.08	18.04								
5	16QAM	12	0	17.33	17.41	17.29	17.28								
5	16QAM	12	7	17.24	17.31	17.29	17.27								
5	16QAM	12	13	17.16	17.17	17.16	17.15	20	2						
5	16QAM	25	0	17.15	17.26	17.17	17.19								
5	84QAM	1	0	17.11	17.05	17.09	17.07								
5	84QAM	1	12	17.00	16.90	16.87	16.95								
5	84QAM	1	24	16.86	16.82	16.70	16.82	20	2						
5	84QAM	12	0	16.41	16.41	16.38	16.30								
5	84QAM	12	7	16.37	16.38	16.35	16.26								
5	84QAM	12	13	16.17	16.21	16.19	16.21								
5	84QAM	25	0	16.25	16.20	16.24	16.30	19	3						
Channel				55265	55810	56170	56715						Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5								
5	QPSK	1	0	20.84	20.83	20.86	20.81						22	0	
5	QPSK	1	12	20.84	20.85	20.76	20.72								
5	QPSK	1	24	20.75	20.72	20.66	20.63								
5	QPSK	12	0	18.33	18.29	18.30	18.24								
5	QPSK	12	7	18.24	18.32	18.23	18.22	21	1						
5	QPSK	12	13	18.20	18.18	18.14	18.09								
5	QPSK	25	0	18.21	18.19	18.24	18.19								
5	16QAM	1	0	18.26	18.34	18.27	18.29								
5	16QAM	1	12	18.16	18.18	18.20	18.15	21	1						
5	16QAM	1	24	18.08	18.15	18.08	18.04								
5	16QAM	12	0	17.33	17.41	17.29	17.28								
5	16QAM	12	7	17.24	17.31	17.29	17.27								
5	16QAM	12	13	17.16	17.17	17.16	17.15	20	2						
5	16QAM	25	0	17.15	17.26	17.17	17.19								
5	84QAM	1	0	17.11	17.05	17.09	17.07								
5	84QAM	1	12	17.00	16.90	16.87	16.95								
5	84QAM	1	24	16.86	16.82	16.70	16.82	20	2						
5	84QAM	12	0	16.41	16.41	16.38	16.30								
5	84QAM	12	7	16.37	16.38	16.35	16.26								
5	84QAM	12	13	16.17	16.21	16.19	16.21								
5	84QAM	25	0	16.25	16.20	16.24	16.30	19	3						
Channel				55265	55810	56170	56715						Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5								
5	QPSK	1	0	20.84	20.83	20.86	20.81						22	0	
5	QPSK	1	12	20.84	20.85	20.76	20.72								
5	QPSK	1	24	20.75	20.72	20.66	20.63								
5	QPSK	12	0	18.33	18.29	18.30	18.24								
5	QPSK	12	7	18.24	18.32	18.23	18.22	21	1						
5	QPSK	12	13	18.20	18.18	18.14	18.09								
5	QPSK	25	0	18.21	18.19	18.24	18.19								
5	16QAM	1	0	18.26	18.34	18.27	18.29								
5	16QAM	1	12	18.16	18.18	18.20	18.15	21	1						
5	16QAM	1	24	18.08	18.15	18.08	18.04								
5	16QAM	12	0	17.33	17.41	17.29	17.28								
5	16QAM	12	7	17.24	17.31	17.29	17.27								
5	16QAM	12	13	17.16	17.17	17.16	17.15	20	2						
5	16QAM	25	0	17.15	17.26	17.17	17.19								
5	84QAM	1	0	17.11	17.05	17.09	17.07								
5	84QAM	1	12	17.00	16.90	16.87	16.95								
5	84QAM	1	24	16.86	16.82	16.70	16.82	20	2						
5	84QAM	12	0	16.41	16.41	16.38	16.30								
5	84QAM	12	7	16.37	16.38	16.35	16.26								
5	84QAM	12	13	16.17	16.21	16.19	16.21								
5	84QAM	25	0	16.25	16.20	16.24	16.30	19	3						
Channel				55265	55810	56170	56715						Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5								
5	QPSK	1	0	20.84	20.83	20.86	20.81						22	0	
5	QPSK	1	12	20.84	20.85	20.76	20.72								
5	QPSK	1	24	20.75	20.72	20.66	20.63								
5	QPSK	12	0	18.33	18.29	18.30	18.24								
5	QPSK	12	7	18.24	18.32	18.23	18.22	21	1						
5	QPSK	12	13	18.20	18.18	18.14	18.09								
5	QPSK	25	0	18.21	18.19	18.24	18.19								
5	16QAM	1	0	18.26	18.34	18.27	18.29								
5	16QAM	1	12	18.16	18.18	18.20	18.15	21	1						

DSI 3

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	29.32	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	22.29	
EDGE 1 Tx slot		25.67	25.60	25.42	26.00	16.67	16.60	16.42	17.94	
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)
		TX Channel	9262	9400		9538	1312	1413	
	Rx Channel	9662	9800	9938		1537	1638	1738	
	Frequency (MHz)	1852.4	1880	1909.8		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.46	20.40	20.48	21.60	21.16	21.23	21.08	22.20
3GPP Rel 99	RMC 12.2Kbps	20.52	20.51	20.51	21.60	21.24	21.24	21.23	22.20
3GPP Rel 6	HSDPA Subtest-1	20.00	20.01	20.03	20.60	20.72	20.74	20.66	21.20
3GPP Rel 6	HSDPA Subtest-2	19.98	19.98	20.00	20.60	20.69	20.69	20.56	21.20
3GPP Rel 6	HSDPA Subtest-3	19.48	19.47	19.52	20.10	20.18	20.18	20.16	20.70
3GPP Rel 6	HSDPA Subtest-4	19.42	19.44	19.50	20.10	20.17	20.16	20.16	20.70
3GPP Rel 8	DC-HSDPA Subtest-1	20.01	19.98	20.06	20.60	20.72	20.72	20.61	21.20
3GPP Rel 8	DC-HSDPA Subtest-2	20.00	19.99	20.01	20.60	20.70	20.71	20.63	21.20
3GPP Rel 8	DC-HSDPA Subtest-3	19.54	19.47	19.51	20.10	20.18	20.23	20.17	20.70
3GPP Rel 8	DC-HSDPA Subtest-4	19.52	19.46	19.52	20.10	20.21	20.21	20.16	20.70
3GPP Rel 6	HSUPA Subtest-1	20.44	20.45	20.01	20.60	20.32	20.48	20.33	21.20
3GPP Rel 6	HSUPA Subtest-2	18.42	18.24	18.12	18.60	18.26	18.27	18.32	19.20
3GPP Rel 6	HSUPA Subtest-3	19.46	18.99	19.03	19.60	19.29	19.19	19.36	20.20
3GPP Rel 6	HSUPA Subtest-4	18.47	18.29	18.11	18.60	18.34	18.35	18.31	19.20
3GPP Rel 6	HSUPA Subtest-5	20.42	20.52	20.03	20.60	20.33	20.49	20.29	21.20

Band	CDMA BC0				Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684		
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1		
RC1 S055	23.20	23.47	23.41	24.60	19.87	19.89	20.03	20.90	22.27	22.33	22.30	23.00	
RC3 S055	23.18	23.40	23.39	24.60	19.82	19.95	20.04	20.90	22.24	22.28	22.29	23.00	
RC3 S032 (F+SCH)	23.23	23.50	23.45	24.60	20.00	19.93	20.02	20.90	22.24	22.29	22.28	23.00	
RC3 S032 (S+SCH)	23.21	23.49	23.43	24.60	20.01	19.96	20.04	20.90	22.25	22.29	22.28	23.00	
RTAP 153.6Kbps	23.08	23.32	23.30	24.60	19.85	19.87	19.86	20.90	22.08	22.11	22.11	23.00	
RETAP 4096Bps	23.25	23.49	23.48	24.60	20.05	19.98	20.08	20.90	22.27	22.31	22.31	23.00	

DS15

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)		455.2	455.2	455.2		455.2	455.2	455.2		
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		24.25	24.27	24.14	25.00	19.99	20.01	19.88	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	20.20	
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	18.94	

Band	CDMA BC0				Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
	TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)		824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 S055		22.14	22.36	22.35	23.40	20.19	20.19	20.35	21.20	22.27	22.33	22.32	23.20
RC3 S055		22.11	22.33	22.34	23.40	20.31	20.24	20.30	21.20	22.23	22.29	22.30	23.20
RC3 S032 (F+SCH)		22.17	22.39	22.36	23.40	20.22	20.25	20.22	21.20	22.23	22.29	22.29	23.20
RC3 S032 (S+SCH)		22.15	22.37	22.34	23.40	20.32	20.26	20.35	21.20	22.25	22.29	22.30	23.20
RTAP 153.6Kbps		22.20	22.23	22.18	23.40	20.17	20.08	20.16	21.20	22.07	22.12	22.12	23.20
RETAP 4096Bits		22.38	22.41	22.36	23.40	20.34	20.28	20.36	21.20	22.24	22.30	22.30	23.20

Band	WCDMA II				Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	TX Channel Rx Channel	9262 9662	9400 9800	9538 9938		1312 1537	1413 1638	1513 1738	
Frequency (MHz)									
3GPP Rel 99	AMR 12.2Kbps	21.02	20.70	20.78	22.00	20.61	20.63	20.44	21.60
3GPP Rel 99	RMC 12.2Kbps	21.10	20.79	21.06	22.00	20.65	20.66	20.48	21.60
3GPP Rel 6	HSDPA Subtest-1	20.59	20.29	20.33	21.00	20.19	20.17	19.90	20.60
3GPP Rel 6	HSDPA Subtest-2	20.58	20.26	20.31	21.00	20.18	20.16	19.98	20.60
3GPP Rel 6	HSDPA Subtest-3	20.06	19.76	19.89	20.50	19.58	19.60	19.44	19.60
3GPP Rel 6	HSDPA Subtest-4	20.08	19.76	19.88	20.50	19.58	19.54	19.46	19.60
3GPP Rel 8	DC-HSDPA Subtest-1	20.61	20.23	20.36	21.00	20.21	20.15	19.92	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.59	20.22	20.37	21.00	20.16	20.13	19.90	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.06	19.77	19.85	20.50	19.72	19.66	19.42	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.01	19.77	19.84	20.50	19.71	19.62	19.48	20.50
3GPP Rel 6	HSUPA Subtest-1	20.61	20.27	20.32	21.00	20.20	20.16	19.91	21.00
3GPP Rel 6	HSUPA Subtest-2	18.61	18.26	18.33	19.00	18.19	18.17	17.92	18.60
3GPP Rel 6	HSUPA Subtest-3	19.62	19.29	19.34	20.00	18.18	18.19	18.96	20.60
3GPP Rel 6	HSUPA Subtest-4	18.63	18.26	18.34	19.00	18.16	18.16	17.95	18.60
3GPP Rel 6	HSUPA Subtest-5	20.63	20.29	20.33	21.00	20.12	20.15	19.92	21.60

Band 2_Ant 2 DSI 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
1800 1800 1900											
20	QPSK	1	0	20.05	20.05	20.05	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	20.80	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	20.29	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	20.45	20.33	20.34	21.3	0			
20	64QAM	1	99	20.32	20.32	20.36					
20	64QAM	50	0	20.14	19.90	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)											
1800 1800 1900											
15	QPSK	1	0	20.04	20.04	20.04	21.3	0			
15	QPSK	1	37	20.34	20.10	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	20.26	20.29					
15	QPSK	36	39	20.39	20.27	20.36					
15	QPSK	75	0	20.41	20.26	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	20.27	20.36					
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	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24					
15	64QAM	36	20	20.44	20.27	20.36	21.3	0			
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	75	0	20.42	20.29	20.26					
15	64QAM	1	0	20.59	20.43	20.35	21.3	0			
15	64QAM	1	37	20.55	20.38	20.40					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57					
15	64QAM	36	0	20.52	20.28	20.24	21	0.3			
15	64QAM	36	20	20.44	20.27	20.36					
15	64QAM	36	39	20.40	20.31	20.37					
15	64QAM	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					
15	64QAM	1	74	20.61	20.41	20.57</					

Band 4_Ant 1 DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				20950	20175	20300	Tune-up limit (dBm)	MPR (dB)	
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	19.78	19.71			
20	16QAM	1	49	19.60	19.58	19.51	20.6	0	
20	16QAM	1	99	19.58	19.53	19.40			
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	20.6	0	
20	64QAM	1	99	19.45	19.42	19.35			
20	64QAM	50	0	19.47	19.40	19.45			
20	64QAM	50	24	19.51	19.44	19.36			
20	64QAM	50	50	19.43	19.40	19.33	20.6	0	
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	19.23	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	16QAM	75	0	19.40	19.40	19.18			
15	16QAM	1	0	19.77	19.76	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	19.38	19.22			
15	16QAM	36	39	19.31	19.36	19.25	20.6	0	
15	16QAM	75	0	19.38	19.30	19.25			
15	64QAM	1	0	19.52	19.60	19.61			
15	64QAM	1	37	19.47	19.39	19.31			
15	64QAM	1	74	19.27	19.41	19.29	20.6	0	
15	64QAM	50	0	19.47	19.40	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	Tune-up limit (dBm)	MPR (dB)	
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.21	19.36	19.44	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	16QAM	25	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	19.38	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			
10	64QAM	25	0	19.47	19.40	19.38	20.6	0	
10	64QAM	25	12	19.43	19.40	19.32			
10	64QAM	25	25	19.40	19.40	19.25			
10	64QAM	50	0	19.40	19.39	19.29			
10	64QAM	50	0	19.44	19.34	19.28	Tune-up limit (dBm)	MPR (dB)	
Channel				19575	20175	20375			
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.26	19.41	19.48	20.6	0	
5	QPSK	1	12	19.26	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	19.39	19.33	19.24			
5	16QAM	1	0	19.69	19.76	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	19.25			
5	16QAM	12	13	19.38	19.34	19.26	20.6	0	
5	16QAM	25	0	19.39	19.34	19.26			
5	64QAM	1	0	19.60	19.68	19.67			
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	19.48	19.37	19.25			
5	64QAM	12	7	19.44	19.41	19.40			
5	64QAM	12	13	19.37	19.34	19.24			
5	64QAM	25	0	19.46	19.34	19.24	Tune-up limit (dBm)	MPR (dB)	
Channel				19565	20175	20385			
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.24	19.34	19.39	20.6	0	
3	QPSK	1	5	19.22	19.25	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	16	0	19.39	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	19.48	19.37	19.25			
3	16QAM	8	7	19.41	19.31	19.30	20.6	0	
3	16QAM	15	0	19.42	19.38	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	19.41	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	Tune-up limit (dBm)	MPR (dB)	
Channel				19567	20175	20393			
Frequency (MHz)				1711.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.26	19.40	19.35	20.6	0	
1.4	QPSK	1	5	19.17	19.16	19.16			
1.4	QPSK	1	10	19.15	19.09	19.11			
1.4	QPSK	3	0	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	19.40	19.14			
1.4	QPSK	1	0	19.77	19.76	19.60			
1.4	16QAM	1	5	19.48	19.50	19.32	20.6	0	
1.4	16QAM	3	0	19.45	19.44	19.34			
1.4	16QAM	3	1	19.39	19.32	19.22			
1.4	16QAM	3	3	19.36	19.35	19.22			
1.4	64QAM	6	0	19.36	19.35	19.30	20.6	0	
1.4	64QAM	0	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			
1.4	64QAM	3	0	19.44	19.44	19.45	20.6	0	
1.4	64QAM	3	1	19.50	19.42	19.29			
1.4	64QAM	3	3	19.39	19.33	19.27			
1.4	64QAM	6	0	19.39	19.35	19.30			

Band 7_Ant 1 DSI 6									
RW (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				21100	21100	21100	23		
Frequency (MHz)				2510	2536	2560			
20	QPSK	1	0	21.78	22.01	22.02	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	24	22.07	22.27	22.20			
20	QPSK	50	50	22.10	22.28	22.14	23	0	
20	QPSK	100	0	22.02	22.26	22.21			
20	16QAM	1	0	22.18	22.38	22.36			
20	16QAM	1	49	22.23	22.07	22.41			
20	16QAM	50	0	21.94	21.22	21.19	23	0	
20	16QAM	50	24	21.05	21.29	21.20			
20	16QAM	50	50	21.12	21.32	21.15			
20	16QAM	100	0	21.03	21.28	21.19			
20	64QAM	1	0	22.03	21.21	21.27	23	0	
20	64QAM	1	49	22.09	21.42	21.28			
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	23	0	
20	64QAM	50	50	21.08	20.33	20.17			
20	64QAM	100	0	21.04	20.28	20.23			
Channel				20625	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	23	MPR (dB)	
15	QPSK	1	0	21.75	21.89	21.82			
15	QPSK	1	37	21.94	22.12	21.96			
15	QPSK	1	74	21.95	22.24	22.07			
15	QPSK	36	0	21.88	22.21	22.08			
15	QPSK	36	20	21.99	22.26	22.15	23	0	
15	QPSK	36	39	22.10	22.23	22.09			
15	QPSK	50	0	21.94	22.28	22.21			
15	16QAM	1	37	22.15	22.04	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	21.15			
15	16QAM	36	39	21.08	21.25	21.15			
15	16QAM	75	0	21.05	21.20	21.10	23	0	
15	64QAM	1	0	21.95	21.17	21.20			
15	64QAM	1	37	22.04	21.32	21.18			
15	64QAM	1	74	22.19	21.36	21.05			
15	64QAM	36	0	20.90	20.23	20.21	23	0	
15	64QAM	36	20	21.00	20.24	20.15			
15	64QAM	36	39	21.08	20.25	20.07			
15	64QAM	75	0	21.02	20.23	20.19			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	23	MPR (dB)	
10	QPSK	1	0	21.75	22.01	21.86			
10	QPSK	1	25	21.91	22.09	22.02			
10	QPSK	1	49	21.96	22.16	22.02			
10	QPSK	25	0	21.91	22.19	22.17			
10	QPSK	25	12	22.02	22.18	22.19	23	0	
10	QPSK	25	25	22.02	22.23	22.10			
10	QPSK	50	0	21.97	22.18	22.17			
10	16QAM	1	0	22.18	22.30	22.27			
10	16QAM	1	25	22.16	22.04	22.34	23	0	
10	16QAM	1	49	22.38	22.56	22.37			
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	21.09	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			
10	64QAM	1	49	22.18	21.38	21.05	23	0	
10	64QAM	25	0	20.90	20.19	20.10			
10	64QAM	25	12	21.06	20.32	20.14			
10	64QAM	25	25	21.06	20.26	20.16			
10	64QAM	50	0	20.97	20.19	20.23	23		
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	23	MPR (dB)	
5	QPSK	1	0	21.78	21.91	21.84			
5	QPSK	1	12	21.93	22.11	21.94			
5	QPSK	1	24	21.94	22.15	22.04			
5	QPSK	12	0	21.82	22.13	22.10			
5	QPSK	12	7	22.07	22.23	22.14	23	0	
5	QPSK	12	13	22.10	22.21	22.13			
5	QPSK	25	0	22.01	22.26	22.16			
5	16QAM	1	0	22.17	22.32	22.24			
5	16QAM	1	12	22.20	22.49	22.41	23	0	
5	16QAM	1	24	22.38	22.53	22.36			
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			
5	64QAM	1	24	22.19	21.34	21.06	23	0	
5	64QAM	12	0	20.91	20.28	20.17			
5	64QAM	12	7	20.99	20.31	20.19			
5	64QAM	12	13	20.98	20.29	20.10			
5	64QAM	25	0	20.94	20.25	20.23	23		

Band 7_Ant 2 DSI 3									
RW (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				20650	21100	21375	21.1		
Frequency (MHz)				2010	2035	2060			
20	QPSK	1	0	19.10	19.49	19.23	21.1	0	
20	QPSK	1	49	19.14	19.42	19.23			
20	QPSK	1	99	19.32	19.48	19.23			
20	QPSK	50	0	19.20	19.45	19.38			
20	QPSK	50	24	19.35	19.43	19.40	21.1	0	
20	QPSK	50	50	19.37	19.44	19.32			
20	QPSK	100	0	19.24	19.41	19.40			
20	16QAM	1	0	19.45	19.63	19.61			
20	16QAM	1	49	19.54	19.78	19.58	21.1	0	
20	16QAM	1	99	19.72	19.83	19.69			
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			
20	64QAM	1	99	19.39	19.46	19.29	21.1	0	
20	64QAM	50	0	18.10	18.33	18.22			
20	64QAM	50	24	18.17	18.39	18.26			
20	64QAM	50	50	18.21	18.38	18.15			
20	64QAM	100	0	18.15	18.34	18.25	21.1		
Channel				20625	21100	21375			
Frequency (MHz)				2027.5	2035	2042.5	21.1		
15	QPSK	1	0	19.12	19.28	19.23			
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	19.44	19.37			
15	QPSK	36	20	19.31	19.46	19.36			
15	QPSK	36	39	19.35	19.47	19.24			
15	QPSK	50	0	19.24	19.41	19.36			
15	16QAM	1	0	19.39	19.57	19.59			
15	16QAM	1	37	19.52	19.69	19.69			
15	16QAM	1	74	19.71	19.83	19.62			
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			
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	19.30			
15	64QAM	1	74	19.31	19.47	19.31			
15	64QAM	36	0	19.16	19.24	19.17			
15	64QAM	36	20	19.15	19.39	19.18			
15	64QAM	36	39	19.17	19.31	19.12			
15	64QAM	75	0	19.14	19.34	19.25			
Channel				20600	21100	21420	21.1		
Frequency (MHz)				20200	2035	2050			
10	QPSK	1	0	19.13	19.26	19.22			
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			
10	QPSK	25	12	19.22	19.46	19.33			
10	QPSK	25	25	19.30	19.44	19.34			
10	QPSK	50	0	19.23	19.44	19.30			
10	16QAM	1	0	19.39	19.59	19.67			
10	16QAM	1	25	19.62	19.77	19.62			
10	16QAM	1	49	19.71	19.74	19.61			
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	19.23	19.11			
10	16QAM	50	0	19.11	19.23	19.15			
10	16QAM	1	0	19.12	19.26	19.20			
10	64QAM	1	0	19.13	19.43	19.29			
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	18.19			
10	64QAM	25	25	18.20	18.30	18.16			
10	64QAM	50	0	19.11	19.25	19.20			
Channel				20775	21100	21420	21.1		
Frequency (MHz)				20525	2035	2067.5			
5	QPSK	1	0	19.12	19.19	19.21			
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			
5	QPSK	12	7	19.30	19.46	19.32			
5	QPSK	12	13	19.29	19.44	19.23			
5	QPSK	25	0	19.29	19.43	19.33			
5	16QAM	1	0	19.43	19.67	19.67			
5	16QAM	1	12	19.51	19.68	19.68			
5	16QAM	1	24	19.67	19.76	19.65			
5	16QAM	12	0	19.11	19.27	19.15			
5	16QAM	12	7	19.10	19.39	19.15			
5	16QAM	12	13	19.17	19.36	19.12			
5	16QAM	25	0	19.16	19.36	19.27			
5	64QAM	1	0	19.12	19.31	19.29			
5	64QAM	1	12	19.18	19.49	19.20			
5	64QAM	1	24	19.38	19.37	19.25			
5	64QAM	12	0	18.12	18.29	18.15			
5	64QAM	12	7	18.19	18.36	18.20			
5	64QAM	12	13	18.14	18.37	18.08			
5	64QAM	25	0	19.13	19.27	19.22			

Band 7_Ant 2 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				20860	21100	21360			
Frequency (MHz)				2010	2030	2060			
20	QPSK	1	0	18.06	18.40	18.24	19.4	0	
20	QPSK	1	49	18.14	18.41	18.20			
20	QPSK	1	99	18.29	18.44	18.22			
20	QPSK	50	0	18.18	18.56	18.35	19.4	0	
20	QPSK	50	24	18.32	18.51	18.40			
20	QPSK	50	50	18.34	18.50	18.29			
20	QPSK	100	0	18.30	18.50	18.35	19.4	0	
20	16QAM	1	0	18.41	18.62	18.54			
20	16QAM	1	49	18.50	18.76	18.56			
20	16QAM	1	99	18.70	18.79	18.67	19.4	0	
20	16QAM	50	0	18.19	18.46	18.37			
20	16QAM	50	24	18.33	18.51	18.36			
20	16QAM	50	50	18.36	18.51	18.28	19.4	0	
20	16QAM	100	0	18.28	18.48	18.37			
20	64QAM	1	0	18.25	18.45	18.45			
20	64QAM	1	49	18.33	18.67	18.44	19.4	0	
20	64QAM	1	99	18.54	18.64	18.37			
20	64QAM	50	0	18.13	18.40	18.30			
20	64QAM	50	24	18.25	18.46	18.32	19.4	0	
20	64QAM	50	50	18.27	18.45	18.23			
20	64QAM	100	0	18.23	18.42	18.30			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2007.5	2030	2062.5			
15	QPSK	1	0	18.06	18.21	18.19	19.4	0	
15	QPSK	1	37	18.07	18.35	18.17			
15	QPSK	1	74	18.28	18.39	18.17			
15	QPSK	36	0	18.18	18.40	18.30	19.4	0	
15	QPSK	36	20	18.22	18.47	18.35			
15	QPSK	36	39	18.26	18.46	18.29			
15	QPSK	75	0	18.24	18.44	18.30	19.4	0	
15	16QAM	1	0	18.38	18.53	18.49			
15	16QAM	1	37	18.40	18.74	18.55			
15	16QAM	1	74	18.67	18.73	18.54	19.4	0	
15	16QAM	36	0	18.16	18.45	18.27			
15	16QAM	36	20	18.26	18.42	18.32			
15	16QAM	36	39	18.31	18.45	18.28	19.4	0	
15	16QAM	75	0	18.19	18.47	18.31			
15	64QAM	1	0	18.18	18.44	18.42			
15	64QAM	1	37	18.28	18.63	18.44	19.4	0	
15	64QAM	1	74	18.44	18.59	18.31			
15	64QAM	36	0	18.12	18.40	18.23			
15	64QAM	36	20	18.17	18.44	18.25	19.4	0	
15	64QAM	36	39	18.26	18.39	18.20			
15	64QAM	75	0	18.20	18.42	18.20			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2000	2030	2060			
10	QPSK	1	0	17.96	18.16	18.17	19.4	0	
10	QPSK	1	25	18.07	18.35	18.17			
10	QPSK	1	49	18.23	18.36	18.13			
10	QPSK	25	0	18.12	18.46	18.33	19.4	0	
10	QPSK	25	12	18.29	18.41	18.34			
10	QPSK	25	25	18.27	18.46	18.23			
10	QPSK	50	0	18.26	18.43	18.30	19.4	0	
10	16QAM	1	0	18.39	18.60	18.50			
10	16QAM	1	25	18.46	18.74	18.47			
10	16QAM	1	49	18.63	18.77	18.54	19.4	0	
10	16QAM	25	0	18.10	18.46	18.30			
10	16QAM	25	12	18.32	18.45	18.37			
10	16QAM	25	25	18.26	18.47	18.20	19.4	0	
10	16QAM	50	0	18.23	18.39	18.37			
10	64QAM	1	0	18.16	18.43	18.35			
10	64QAM	1	25	18.32	18.65	18.41	19.4	0	
10	64QAM	1	49	18.50	18.61	18.32			
10	64QAM	25	0	18.10	18.39	18.25			
10	64QAM	25	12	18.18	18.45	18.27	19.4	0	
10	64QAM	25	25	18.27	18.40	18.19			
10	64QAM	50	0	18.13	18.36	18.20			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2002.5	2030	2067.5			
5	QPSK	1	0	18.04	18.16	18.17	19.4	0	
5	QPSK	1	12	18.09	18.35	18.11			
5	QPSK	1	24	18.22	18.39	18.20			
5	QPSK	12	0	18.14	18.43	18.34	19.4	0	
5	QPSK	12	7	18.26	18.45	18.30			
5	QPSK	12	13	18.24	18.47	18.24			
5	QPSK	25	0	18.21	18.46	18.32	19.4	0	
5	16QAM	1	0	18.41	18.54	18.46			
5	16QAM	1	12	18.47	18.67	18.56			
5	16QAM	1	24	18.66	18.79	18.51	19.4	0	
5	16QAM	12	0	18.16	18.36	18.34			
5	16QAM	12	7	18.27	18.47	18.38			
5	16QAM	12	13	18.33	18.48	18.22	19.4	0	
5	16QAM	25	0	18.23	18.38	18.32			
5	64QAM	1	0	18.24	18.45	18.38			
5	64QAM	1	12	18.29	18.57	18.34	19.4	0	
5	64QAM	1	24	18.44	18.56	18.27			
5	64QAM	12	0	18.13	18.34	18.26			
5	64QAM	12	7	18.19	18.46	18.28	19.4	0	
5	64QAM	12	13	18.18	18.39	18.18			
5	64QAM	25	0	18.21	18.36	18.28			

Band 14_Ant 2 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				23300					
Frequency (MHz)				793					
10	QPSK	1	0	19.48	19.51	19.51	21.2	0	
10	QPSK	1	25	19.35	19.41	19.41			
10	QPSK	1	49	19.42	19.44	19.42			
10	QPSK	25	0	19.50	19.50	19.50	21.2	0	
10	QPSK	25	12	19.51	19.51	19.51			
10	QPSK	25	25	19.51	19.48	19.48			
10	QPSK	50	0	19.48	19.48	19.48	21.2	0	
10	16QAM	1	0	19.50	19.50	19.50			
10	16QAM	1	25	19.83	19.83	19.83			
10	16QAM	1	49	19.74	19.74	19.74	21.2	0	
10	16QAM	25	0	19.48	19.48	19.48			
10	16QAM	25	12	19.55	19.55	19.55			
10	16QAM	25	25	19.53	19.53	19.53	21.2	0	
10	16QAM	50	0	19.52	19.52	19.52			
10	64QAM	1	0	19.70	19.70	19.70			
10	64QAM	1	25	19.73	19.73	19.73	21.2	0	
10	64QAM	1	49	19.64	19.64	19.64			
10	64QAM	25	0	19.33	19.33	19.33			
10	64QAM	25	12	19.34	19.34	19.34	21	0.2	
10	64QAM	25	25	19.39	19.39	19.39			
10	64QAM	50	0	19.32	19.32	19.32			
Channel				23305	23330	23355	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	19.48	19.55	19.51	21.2	0	
5	QPSK	1	12	19.35	19.34	19.31			
5	QPSK	1	24	19.29	19.36	19.27			
5	QPSK	12	0	19.42	19.50	19.41	21.2	0	
5	QPSK	12	7	19.38	19.41	19.44			
5	QPSK	12	13	19.37	19.40	19.43			
5	QPSK	25	0	19.43	19.43	19.37	21.2	0	
5	16QAM	1	0	19.83	19.84	19.84			
5	16QAM	1	12	19.79	19.83	19.76			
5	16QAM	1	24	19.62	19.66	19.68	21.2	0	
5	16QAM	12	0	19.44	19.41	19.42			
5	16QAM	12	7	19.50	19.48	19.48			
5	16QAM	12	13	19.48	19.44	19.43	21.2	0	
5	16QAM	25	0	19.48	19.42	19.41			
5	64QAM	1	0	19.58	19.67	19.58			
5	64QAM	1	12	19.63	19.70	19.64	21.2	0	
5	64QAM	1	24	19.59	19.61	19.55			
5	64QAM	12	0	19.22	19.23	19.28			
5	64QAM	12	7	19.26	19.28	19.19	21	0.2	
5	64QAM	12	13	19.27	19.30	19.28			
5	64QAM	25	0	19.25	19.22	19.20			

Band 25_Ant 1 DS1 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											
Frequency (MHz)											
20	QPSK	1	0	20.59	20.50	20.50	21.3	0			
20	QPSK	1	49	20.53	20.30	20.29					
20	QPSK	1	99	20.39	20.27	20.38					
20	QPSK	50	0	20.75	20.54	20.41					
20	QPSK	50	24	20.61	20.52	20.51	21.3	0			
20	QPSK	50	50	20.55	20.46	20.48					
20	QPSK	100	0	20.61	20.49	20.51					
20	16QAM	1	0	20.79	20.73	20.69					
20	16QAM	1	49	20.78	20.68	20.62	21.3	0			
20	16QAM	1	99	20.75	20.67	20.57					
20	16QAM	50	0	20.56	20.37	20.21					
20	16QAM	50	24	20.44	20.34	20.32					
20	16QAM	50	50	20.37	20.28	20.27	21.3	0			
20	16QAM	100	0	20.41	20.29	20.29					
20	64QAM	1	0	20.89	20.52	19.83					
20	64QAM	1	49	20.51	20.34	19.72					
20	64QAM	1	99	20.33	20.33	19.92	21.3	0			
20	64QAM	50	0	19.65	19.27	19.20					
20	64QAM	50	24	19.47	19.36	19.29					
20	64QAM	50	50	19.39	19.30	19.21					
20	64QAM	100	0	19.44	19.33	19.02	21	0.3			
Channel											
Frequency (MHz)											
15	QPSK	1	0	20.66	20.48	20.41	21.3	0			
15	QPSK	1	37	20.58	20.37	20.34					
15	QPSK	1	74	20.48	20.35	20.33					
15	QPSK	36	0	20.78	20.54	20.43					
15	QPSK	36	20	20.66	20.50	20.50	21.3	0			
15	QPSK	36	39	20.55	20.43	20.45					
15	QPSK	75	0	20.62	20.48	20.41					
15	16QAM	1	0	20.97	20.82	20.69					
15	16QAM	1	37	20.90	20.66	20.63	21.3	0			
15	16QAM	1	74	20.83	20.68	20.60					
15	16QAM	36	0	20.57	20.36	20.21					
15	16QAM	36	20	20.44	20.30	20.30					
15	16QAM	36	39	20.36	20.25	20.24	21.3	0			
15	16QAM	75	0	20.41	20.30	20.32					
15	64QAM	1	0	20.62	20.46	19.75					
15	64QAM	1	37	20.57	20.42	19.92					
15	64QAM	1	74	20.43	20.34	19.42	21.3	0			
15	64QAM	36	0	19.65	19.29	19.20					
15	64QAM	36	20	19.49	19.35	19.02					
15	64QAM	36	39	19.40	19.31	19.20					
15	64QAM	75	0	19.44	19.30	19.06	21	0.3			
Channel											
Frequency (MHz)											
10	QPSK	1	0	20.89	20.48	20.40	21.3	0			
10	QPSK	1	25	20.57	20.34	20.38					
10	QPSK	1	49	20.54	20.33	20.38					
10	QPSK	25	0	20.69	20.48	20.40					
10	QPSK	25	12	20.65	20.49	20.44	21.3	0			
10	QPSK	25	25	20.61	20.38	20.51					
10	QPSK	50	0	20.63	20.40	20.41					
10	16QAM	1	0	21.00	20.77	20.69					
10	16QAM	1	25	20.92	20.70	20.75	21.3	0			
10	16QAM	1	49	20.87	20.76	20.72					
10	16QAM	25	0	20.53	20.30	20.19					
10	16QAM	25	12	20.45	20.31	20.25					
10	16QAM	25	25	20.42	20.27	20.26	21.3	0			
10	16QAM	50	0	20.45	20.30	20.32					
10	64QAM	1	0	20.53	20.29	19.95					
10	64QAM	1	25	20.68	20.43	19.97					
10	64QAM	1	49	20.53	20.39	19.42	21.3	0			
10	64QAM	50	0	19.54	19.31	19.15					
10	64QAM	25	12	19.30	19.34	19.15					
10	64QAM	25	25	19.46	19.23	19.10					
10	64QAM	50	0	19.46	19.32	19.15	21	0.3			
Channel											
Frequency (MHz)											
5	QPSK	1	0	20.59	20.41	20.38	21.3	0			
5	QPSK	1	12	20.66	20.40	20.39					
5	QPSK	1	24	20.61	20.32	20.38					
5	QPSK	12	0	20.69	20.43	20.44					
5	QPSK	12	7	20.72	20.50	20.49	21.3	0			
5	QPSK	12	13	20.72	20.47	20.49					
5	QPSK	25	0	20.69	20.48	20.41					
5	16QAM	1	0	20.94	20.68	20.70					
5	16QAM	1	12	20.97	20.74	20.67	21.3	0			
5	16QAM	1	24	20.92	20.67	20.76					
5	16QAM	12	0	20.51	20.25	20.38					
5	16QAM	12	7	20.56	20.37	20.30					
5	16QAM	12	13	20.54	20.29	20.21	21.3	0			
5	16QAM	25	0	20.55	20.27	20.29					
5	64QAM	1	0	20.63	20.42	19.87					
5	64QAM	1	12	20.66	20.40	19.62					
5	64QAM	1	24	20.67	20.33	19.31	21.3	0			
5	64QAM	12	0	19.54	19.32	19.20					
5	64QAM	12	7	19.58	19.37	19.16					
5	64QAM	12	13	19.60	19.30	19.15					
5	64QAM	25	0	19.54	19.30	19.09	21	0.3			
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.59	20.41	20.38	21.3	0			
20	QPSK	1	12	20.66	20.40	20.39					
20	QPSK	1	24	20.61	20.32	20.38					
20	QPSK	12	0	20.69	20.43	20.44					
20	QPSK	12	7	20.72	20.50	20.49	21.3	0			
20	QPSK	12	13	20.72	20.47	20.49					
20	QPSK	25	0	20.69	20.48	20.41					
20	16QAM	1	0	20.94	20.68	20.70					
20	16QAM	1	12	20.97	20.74	20.67	21.3	0			
20	16QAM	1	24	20.92	20.67	20.76					
20	16QAM	12	0	20.51	20.25	20.38					
20	16QAM	12	7	20.56	20.37	20.30					
20	16QAM	12	13	20.54	20.29	20.21	21.3	0			
20	16QAM	25	0	20.55	20.27	20.29					
20	64QAM	1	0	20.63	20.42	19.87					
20	64QAM	1	12	20.66	20.40	19.62					
20	64QAM	1	24	20.67	20.33	19.31	21.3	0			
20	64QAM	12	0	19.54	19.32	19.20					
20	64QAM	12	7	19.58	19.37	19.16					
20	64QAM	12	13	19.60	19.30	19.15					
20	64QAM	25	0	19.54	19.30	19.09	21	0.3			
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.59	20.41	20.38	21.3	0			
20	QPSK	1	12	20.66	20.40	20.39					
20	QPSK	1	24	20.61	20.32	20.38					
20	QPSK	12	0	20.69	20.43	20.44					
20	QPSK	12	7	20.72	20.50	20.49	21.3	0			
20	QPSK	12	13	20.72	20.47	20.49					
20	QPSK	25	0	20.69	20.48	20.41					
20	16QAM	1	0	20.94	20.68	20.70					
20	16QAM	1	12	20.97	20.74	20.67	21.3	0			
20	16QAM	1	24	20.92	20.67	20.76					
20	16QAM	12	0	20.51	20.25	20.38					
20	16QAM	12	7	20.56	20.37	20.30					
20	16QAM	12	13	20.54	20.29	20.21	21.3	0			
20	16QAM	25	0	20.55	20.27	20.29					
20	64QAM	1	0	20.63	20.42	19.87					
20	64QAM	1	12	20.66	20.40	19.62					
20	64QAM	1	24	20.67	20.33	19.31	21.3	0			
20	64QAM	12	0	19.54	19.32	19.20					
20	64QAM	12	7	19.58	19.37	19.16					
20	64QAM	12	13	19.60	19.30	19.15					
20	64QAM	25	0	19.54	19.30	19.09	21	0.3			
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.59	20.41	20.38	21.3	0			
20	QPSK	1	12	20.66	20.40	20.39					
20	QPSK	1	24	20.61	20.32	20.38					
20	QPSK	12	0	20.69	20.43	20.44					
20	QPSK	12	7	20.72	20.50	20.49	21.3	0			
20	QPSK	12	13	20.72	20.47	20.49					
20	QPSK	25	0	20.69	20.48	20.41					
20	16QAM	1	0	20.94	20.68	20.70					
20	16QAM	1	12	20.97	20.74	20.67	21.3	0			
20	16QAM	1	24	20.92	20.67	20.76					
20	16QAM	12	0	20.51	20.25	20.38					
20	16QAM	12	7	20.56	20.37	20.30					
20	16QAM	12	13	20.54	20.29	20.21	21.3	0			
20	16QAM	25	0	20.55	20.27	20.29					
20	64QAM	1	0	20.63	20.42	19.87					
20	64QAM	1	12	20.66	20.40	19.62					
20	64QAM	1	24	20.67	20.33	19.31	21.3	0			
20	64QAM	12	0	19.54	19.32	19.20					
20	64QAM	12	7	19.58	19.37	19.16					
20	64QAM	12	13	19.60	19.30	19.15					
20	64QAM	25	0	19.54	19.30	19.09	21	0.3			
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.59	20.41	20.38	21.3	0			
20	QPSK	1	12	20.66	20.40	20.39					
20	QPSK	1	24	20.61	20.32	20.38					
20	QPSK	12	0	20.69	20.43	20.44					
20	QPSK	12	7	20.72	20.50	20.49	21.3	0			
20	QPSK	12	13	20.72	20.47	20.49					
20	QPSK	25	0	20.69	20.48	20.41					
20	16QAM	1	0	20.94	20.68	20.70					
20	16QAM	1	12	20.97	20.74	20.67	21.3	0			
20	16QAM	1	24	20.92	20.67	20.76					
20	16QAM	12	0	20.51	20.25	20.38					
20	16QAM	12	7	20.56	20.37	20.30					
20	16QAM	12	13	20.54	20.29	20.21	21.3	0			
20	16QAM	25	0	20.55	20.27	20.29					
20	64QAM	1	0	20.63	20.42	19.87					
20	64QAM	1	12	20.66	20.40	19.62					
20	64QAM	1	24	20.67	20.33	19.31	21.3	0			
20	64QAM	12	0	19.54	19.32	19.20					
20	64QAM	12	7	19.58	19.37						

Band 30_Ant 1 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				27710					
Frequency (MHz)				2310			20.7	0	
10	QPSK	1	0	19.81					
10	QPSK	1	25	19.49			20.7	0	
10	QPSK	1	49	19.48					
10	QPSK	25	0	19.67			20.7	0	
10	QPSK	25	12	19.66					
10	QPSK	25	25	19.51			20.7	0	
10	QPSK	50	0	19.66					
10	16QAM	1	0	19.89			20.7	0	
10	16QAM	1	25	19.90					
10	16QAM	1	49	19.93			20.7	0	
10	16QAM	25	0	19.60					
10	16QAM	25	12	19.71			20.7	0	
10	16QAM	25	25	19.74					
10	16QAM	50	0	19.66			20.7	0	
10	64QAM	1	0	19.74					
10	64QAM	1	25	19.83			20.7	0	
10	64QAM	1	49	19.62					
10	64QAM	25	0	19.69			20.7	0	
10	64QAM	25	12	19.74					
10	64QAM	25	25	19.73			20.7	0	
10	64QAM	50	0	19.73					
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	19.40	19.38	19.44	20.7	0	
5	QPSK	1	12	19.52	19.54	19.54			
5	QPSK	1	24	19.62	19.54	19.57	20.7	0	
5	QPSK	12	0	19.55	19.53	19.53			
5	QPSK	12	7	19.67	19.63	19.63	20.7	0	
5	QPSK	12	13	19.59	19.61	19.62			
5	QPSK	25	0	19.56	19.58	19.59	20.7	0	
5	16QAM	1	0	19.71	19.75	19.76			
5	16QAM	1	12	19.71	19.67	19.81	20.7	0	
5	16QAM	1	24	19.87	19.68	19.91			
5	16QAM	12	0	19.62	19.55	19.57	20.7	0	
5	16QAM	12	7	19.80	19.69	19.63			
5	16QAM	12	13	19.54	19.64	19.65	20.7	0	
5	16QAM	25	0	19.63	19.64	19.63			
5	64QAM	1	0	19.75	19.70	19.70	20.7	0	
5	64QAM	1	12	19.69	19.72	19.73			
5	64QAM	1	24	19.72	19.75	19.81	20.7	0	
5	64QAM	12	0	19.65	19.61	19.59			
5	64QAM	12	7	19.73	19.71	19.69	20.7	0	
5	64QAM	12	13	19.67	19.69	19.70			
5	64QAM	25	0	19.65	19.66	19.67			

Band 30_Ant 1 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				27710					
Frequency (MHz)				2310					
10	QPSK	1	0	18.91			20	0	
10	QPSK	1	25	18.85					
10	QPSK	1	49	18.88					
10	QPSK	25	0	18.92			20	0	
10	QPSK	25	12	18.93					
10	QPSK	25	25	18.94					
10	QPSK	50	0	19.03			20	0	
10	16QAM	1	0	19.27					
10	16QAM	1	25	19.24					
10	16QAM	1	49	19.26			20	0	
10	16QAM	25	0	19.03					
10	16QAM	25	12	19.04					
10	16QAM	25	25	19.05			20	0	
10	16QAM	50	0	19.02					
10	64QAM	1	0	19.20					
10	64QAM	1	25	19.21			20	0	
10	64QAM	1	49	19.19					
10	64QAM	25	0	19.36					
10	64QAM	25	12	19.11			20	0	
10	64QAM	25	25	19.10					
10	64QAM	50	0	19.11					
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	18.81	18.83	18.83	20	0	
5	QPSK	1	12	18.89	18.93	18.92			
5	QPSK	1	24	18.90	18.86	18.97			
5	QPSK	12	0	18.96	18.89	18.91	20	0	
5	QPSK	12	7	18.99	19.01	19.02			
5	QPSK	12	13	18.98	19.02	19.04			
5	QPSK	25	0	19.00	19.00	19.00	20	0	
5	16QAM	1	0	19.14	19.14	19.18			
5	16QAM	1	12	19.15	19.22	19.22			
5	16QAM	1	24	19.24	19.28	19.32	20	0	
5	16QAM	12	0	19.01	18.95	18.95			
5	16QAM	12	7	19.04	19.05	19.07			
5	16QAM	12	13	19.01	19.05	19.06	20	0	
5	16QAM	25	0	19.03	19.02	19.03			
5	64QAM	1	0	19.19	19.08	19.10			
5	64QAM	1	12	19.07	19.04	19.17	20	0	
5	64QAM	1	24	19.08	19.16	19.20			
5	64QAM	12	0	19.14	19.01	19.01			
5	64QAM	12	7	19.13	19.12	19.13	20	0	
5	64QAM	12	13	19.1	19.1	19.1			
5	64QAM	25	0	19.05	19.05	19.07			

Band 48 (3.5G Band)_Ant1 DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607	3643	3695		
20	QPSK	1	0	21.46	21.49	21.40	21.38	22.5	0
20	QPSK	1	49	21.33	21.40	21.20	21.31		
20	QPSK	1	99	21.21	21.31	21.18	21.06		
20	QPSK	50	0	18.95	18.96	18.89	18.84		
20	QPSK	50	24	18.88	18.92	18.90	18.75	20.5	2
20	QPSK	50	50	18.80	18.81	18.77	18.71		
20	QPSK	100	0	18.86	18.98	18.92	18.83		
20	16QAM	1	0	19.19	19.11	19.09	19.07		
20	16QAM	1	49	19.02	19.07	19.00	18.98	20.5	2
20	16QAM	1	99	18.93	18.83	18.88	18.76		
20	16QAM	50	0	17.96	18.03	17.98	18.01		
20	16QAM	50	24	17.99	18.02	17.99	17.89		
20	16QAM	50	50	17.95	17.88	17.75	17.78	19.5	3
20	16QAM	100	0	17.98	17.90	17.98	17.86		
20	64QAM	1	0	18.01	17.99	17.90	17.92		
20	64QAM	1	49	17.86	17.81	17.80	17.75		
20	64QAM	1	99	17.78	17.83	17.63	17.59	18.5	4
20	64QAM	50	0	17.02	16.98	16.96	16.94		
20	64QAM	50	24	17.06	16.96	16.92	16.89		
20	64QAM	50	50	16.92	16.85	16.90	16.85		
20	64QAM	100	0	16.92	16.93	16.87	16.88	Tune-up limit (dBm)	MPR (dB)
Channel				55315	55830	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.46	21.34	21.33	21.25	22.5	0
15	QPSK	1	37	21.17	21.32	21.24	21.19		
15	QPSK	1	74	21.15	21.17	21.21	21.11		
15	QPSK	36	0	18.94	18.86	18.79	18.93		
15	QPSK	36	20	18.99	18.80	18.78	18.78	20.5	2
15	QPSK	36	39	18.77	18.73	18.52	18.71		
15	QPSK	75	0	18.87	18.92	18.86	18.72		
15	16QAM	1	0	19.16	19.04	19.15	18.95		
15	16QAM	1	37	18.98	18.98	18.98	18.92	20.5	2
15	16QAM	1	74	18.79	18.81	18.75	18.78		
15	16QAM	36	0	17.93	17.97	17.99	17.89		
15	16QAM	36	20	17.94	17.90	17.98	17.93		
15	16QAM	36	39	17.93	17.79	17.68	17.74	19.5	3
15	16QAM	75	0	17.83	17.91	17.94	17.91		
15	64QAM	1	0	17.94	17.97	17.81	17.79		
15	64QAM	1	37	17.79	17.75	17.72	17.64		
15	64QAM	1	74	17.76	17.66	17.65	17.66	18.5	4
15	64QAM	36	0	17.00	16.93	16.91	16.99		
15	64QAM	36	20	17.01	16.94	16.81	16.91		
15	64QAM	36	39	16.89	16.88	16.84	16.88		
15	64QAM	75	0	16.86	16.87	16.93	16.91	Tune-up limit (dBm)	MPR (dB)
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.34	21.29	21.29	21.34	22.5	0
10	QPSK	1	25	21.32	21.36	21.16	21.18		
10	QPSK	1	49	21.12	21.22	21.09	21.07		
10	QPSK	25	0	18.87	18.97	18.85	18.93		
10	QPSK	25	12	18.81	18.93	18.81	18.84	20.5	2
10	QPSK	25	25	18.91	18.85	18.69	18.58		
10	QPSK	50	0	18.87	18.94	18.78	18.72		
10	16QAM	1	0	19.14	19.16	19.06	18.94		
10	16QAM	1	25	19.03	18.96	18.98	18.86	20.5	2
10	16QAM	1	49	18.82	18.78	18.83	18.71		
10	16QAM	25	0	17.91	18.04	17.89	17.99		
10	16QAM	25	12	17.92	17.93	17.93	17.80		
10	16QAM	25	25	17.82	17.87	17.75	17.75	19.5	3
10	16QAM	50	0	17.86	17.92	17.89	17.85		
10	64QAM	1	0	17.97	17.93	17.81	17.92		
10	64QAM	1	25	17.81	17.69	17.74	17.64		
10	64QAM	1	49	17.79	17.80	17.64	17.64	18.5	4
10	64QAM	25	0	16.96	16.92	16.87	16.95		
10	64QAM	25	12	16.97	16.87	16.95	16.88		
10	64QAM	25	25	16.88	16.82	16.86	16.87		
10	64QAM	50	0	16.90	16.84	16.82	16.91	Tune-up limit (dBm)	MPR (dB)
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.34	21.42	21.27	21.25	22.5	0
5	QPSK	1	12	21.22	21.34	21.22	21.23		
5	QPSK	1	24	21.22	21.27	21.08	21.07		
5	QPSK	12	0	18.95	19.02	18.91	18.87		
5	QPSK	12	7	18.86	18.77	18.84	18.80	20.5	2
5	QPSK	12	13	18.91	18.81	18.60	18.64		
5	QPSK	25	0	18.96	18.85	18.90	18.79		
5	16QAM	1	0	19.08	19.16	19.09	19.01		
5	16QAM	1	12	18.97	19.03	18.89	18.91	20.5	2
5	16QAM	1	24	18.78	18.79	18.80	18.76		
5	16QAM	12	0	17.90	17.92	17.99	17.97		
5	16QAM	12	7	17.92	17.96	17.85	17.87		
5	16QAM	12	13	17.90	17.77	17.68	17.73	19.5	3
5	16QAM	25	0	17.90	17.90	17.85	17.81		
5	64QAM	1	0	17.88	17.91	17.88	17.81		
5	64QAM	1	12	17.81	17.77	17.87	17.71		
5	64QAM	1	24	17.76	17.79	17.58	17.54	18.5	4
5	64QAM	12	0	16.98	16.92	16.95	16.91		
5	64QAM	12	7	17.09	16.95	16.91	16.84		
5	64QAM	12	13	16.91	16.86	16.82	16.85		
5	64QAM	25	0	16.87	16.82	16.89	16.95	Tune-up limit (dBm)	MPR (dB)

Band 48 (3.5G Band)_Ant1 DSI 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56160	56640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.68	21.68	21.68	21.52	22.5	0
20	QPSK	1	49	21.60	21.51	21.56	21.57		
20	QPSK	1	99	21.40	21.41	21.29	21.43		
20	QPSK	50	0	19.03	19.06	19.04	18.93		
20	QPSK	50	24	19.05	18.96	19.03	19.04	20.5	2
20	QPSK	50	50	18.85	18.93	18.80	18.82		
20	QPSK	100	0	18.82	18.99	18.91	19.02		
20	16QAM	1	0	18.93	19.20	19.09	19.10		
20	16QAM	1	49	18.97	18.89	18.90	18.98	20.5	2
20	16QAM	1	99	18.91	18.86	18.82	18.78		
20	16QAM	50	0	18.15	18.11	18.11	18.06		
20	16QAM	50	24	18.07	17.88	18.07	18.08		
20	16QAM	50	50	17.88	17.89	17.99	17.96	19.5	3
20	16QAM	100	0	18.01	17.82	18.00	17.91		
20	64QAM	1	0	17.86	17.92	17.83	17.76		
20	64QAM	1	49	17.71	17.67	17.70	17.65		
20	64QAM	1	99	17.59	17.57	17.50	17.57	18.5	4
20	64QAM	50	0	17.20	17.18	17.10	17.03		
20	64QAM	50	24	17.21	17.12	17.15	17.06		
20	64QAM	50	50	16.96	17.01	16.91	16.98		
20	64QAM	100	0	16.93	16.93	16.93	17.08	Tune-up limit (dBm)	MPR (dB)
Channel				55315	55830	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.62	21.66	21.72	21.51	22.5	0
15	QPSK	1	37	21.56	21.53	21.55	21.51		
15	QPSK	1	74	21.41	21.42	21.41	21.44		
15	QPSK	36	0	19.06	19.05	19.00	18.96		
15	QPSK	36	20	19.10	18.97	18.97	18.98	20.5	2
15	QPSK	36	39	18.89	18.84	18.88	18.78		
15	QPSK	75	0	19.01	18.86	18.95	19.03		
15	16QAM	1	0	19.04	19.17	19.05	19.13	20.5	2
15	16QAM	1	37	18.95	18.92	18.96	18.93		
15	16QAM	1	74	18.94	18.97	18.81	18.84		
15	16QAM	36	0	18.14	18.04	18.06	18.05		
15	16QAM	36	20	18.04	18.01	18.09	18.04	19.5	3
15	16QAM	36	39	17.86	17.87	17.84	17.81		
15	16QAM	75	0	17.95	17.86	18.01	17.88		
15	64QAM	1	0	17.74	17.86	17.76	17.77		
15	64QAM	1	37	17.73	17.63	17.70	17.72	19.5	3
15	64QAM	1	74	17.68	17.51	17.54	17.53		
15	64QAM	36	0	17.10	17.14	17.06	17.04		
15	64QAM	36	20	17.07	17.11	17.14	17.07		
15	64QAM	36	39	16.92	16.97	16.93	16.85	18.5	4
15	64QAM	75	0	17.05	16.92	17.05	17.04		
15	64QAM	75	0	17.05	16.92	17.05	17.04		
Channel				55300	55815	56165	56660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565	3607.5	3642.5	3695		
10	QPSK	1	0	21.54	21.61	21.64	21.58	22.5	0
10	QPSK	1	25	21.52	21.59	21.53	21.53		
10	QPSK	1	49	21.41	21.42	21.39	21.41		
10	QPSK	25	0	18.99	18.98	18.97	19.06		
10	QPSK	25	12	18.95	19.05	19.03	19.01	20.5	2
10	QPSK	25	25	18.83	18.91	18.95	18.88		
10	QPSK	50	0	18.91	18.99	18.96	18.91		
10	16QAM	1	0	19.06	19.02	19.04	19.07	20.5	2
10	16QAM	1	25	18.97	18.97	18.80	18.90		
10	16QAM	1	49	18.79	18.82	18.83	18.83		
10	16QAM	25	0	18.02	18.14	18.04	18.01		
10	16QAM	25	12	18.03	18.10	18.01	18.01	19.5	3
10	16QAM	25	25	17.85	17.92	17.97	17.98		
10	16QAM	50	0	18.06	17.94	18.02	17.99		
10	64QAM	1	0	17.83	17.88	17.69	17.81		
10	64QAM	1	25	17.79	17.70	17.63	17.58	19.5	3
10	64QAM	1	49	17.53	17.58	17.51	17.57		
10	64QAM	25	0	17.06	17.03	17.06	17.02		
10	64QAM	25	12	16.93	17.11	17.05	17.03		
10	64QAM	25	25	16.83	16.97	16.91	16.86	18.5	4
10	64QAM	50	0	16.90	17.01	17.04	17.06		
10	64QAM	50	0	16.90	17.01	17.04	17.06		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.63	21.56	21.65	21.56	22.5	0
5	QPSK	1	12	21.58	21.58	21.51	21.49		
5	QPSK	1	24	21.52	21.37	21.41	21.46		
5	QPSK	12	0	19.09	19.05	19.03	19.03		
5	QPSK	12	7	18.91	19.07	19.07	18.88	20.5	2
5	QPSK	12	13	18.89	18.93	18.88	18.85		
5	QPSK	25	0	18.94	18.92	19.02	18.93		
5	16QAM	1	0	19.00	19.10	19.08	19.05	20.5	2
5	16QAM	1	12	18.86	18.88	19.00	18.93		
5	16QAM	1	24	18.78	18.90	18.83	18.79		
5	16QAM	12	0	18.04	18.14	18.10	18.01		
5	16QAM	12	7	17.97	17.99	18.05	18.04	19.5	3
5	16QAM	12	13	17.91	17.88	17.87	17.94		
5	16QAM	25	0	17.86	18.05	18.07	17.93		
5	64QAM	1	0	17.92	17.84	17.92	17.83		
5	64QAM	1	12	17.80	17.70	17.70	17.72	19.5	3
5	64QAM	1	24	17.65	17.62	17.53	17.57		
5	64QAM	12	0	17.16	17.11	17.12	16.96		
5	64QAM	12	7	17.04	17.18	17.05	16.94		
5	64QAM	12	13	16.90	16.88	16.94	16.93	18.5	4
5	64QAM	25	0	17.03	16.86	17.05	16.98		

DSI 3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	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

WCDMA V			Tune-up Limit (dBm)
4132	4182	4233	
4357	4407	4458	
826.4	836.4	846.6	
21.73	21.84	21.80	22.90
21.81	21.91	21.88	22.90
20.84	20.92	20.90	21.90
20.81	20.93	20.85	21.90
20.30	20.46	20.40	20.90
20.30	20.43	20.40	20.90
21.30	21.42	21.37	22.40
21.34	21.39	21.33	22.40
20.89	20.93	20.92	21.90
20.87	20.91	20.88	21.90
20.82	20.93	20.87	22.90
18.82	18.95	18.90	20.90
19.82	19.93	19.89	21.90
18.83	18.95	18.92	20.90
20.82	20.90	20.88	22.90

DSI 5

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.51	31.52	31.35	32.50	22.51	22.52	22.35	23.50
GPRS 1 Tx slot	31.57	31.58	31.33	32.50	22.57	22.58	22.33	23.50
GPRS 2 Tx slots	28.44	28.00	27.53	29.50	22.44	22.00	21.53	23.50
GPRS 3 Tx slots	26.59	26.08	25.60	27.50	22.33	21.82	21.34	23.24
GPRS 4 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

WCDMA V			Tune-up Limit (dBm)
4132	4182	4233	
4357	4407	4458	
826.4	836.4	846.6	
22.34	22.54	22.55	22.90
22.33	22.53	22.56	22.90
21.32	21.55	21.57	21.90
21.31	21.56	21.56	21.90
20.29	20.54	20.55	20.90
20.28	20.53	20.54	20.90
21.82	21.84	21.83	22.40
21.81	21.83	21.81	22.40
21.32	21.33	21.34	21.90
21.29	21.30	21.29	21.90
22.35	22.55	22.54	22.90
20.34	20.52	20.51	20.90
21.31	21.53	21.48	21.90
20.29	20.51	20.48	20.90
22.31	22.53	22.54	22.90

Band 66 Ant 1_DSI 3														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mask Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)				15072	15232	152572								
20	QPSK	1	0	21.14	21.12	21.05	22	0						
20	QPSK	1	48	21.05	20.98	20.90								
20	QPSK	1	96	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	48	21.42	21.33	21.24	22	0						
20	16QAM	1	96	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	64QAM	1	0	21.14	21.11	21.02								
20	64QAM	1	48	21.04	20.97	20.93								
20	64QAM	1	96	21.04	20.98	20.82	22	0						
20	64QAM	50	0	19.88	19.96	19.88								
20	64QAM	50	24	20.04	19.91	19.84								
20	64QAM	50	50	19.88	19.92	19.84								
20	64QAM	100	0	20.04	19.90	19.81	21	1						
Channel														
Frequency (MHz)				150747	152322	152597				Tune-up limit (dBm)	MPR (dB)			
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	20.86	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	21.49	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	64QAM	1	0	21.09	21.10	21.01								
15	64QAM	1	37	20.97	20.88	20.85								
15	64QAM	1	74	20.94	20.96	20.73	21	1						
15	64QAM	36	0	19.88	19.89	19.81								
15	64QAM	36	20	19.94	19.88	19.83								
15	64QAM	36	39	19.90	19.84	19.74								
15	64QAM	75	0	19.94	19.90	19.71	Tune-up limit (dBm) MPR (dB)							
Channel														
Frequency (MHz)				152022	152322	152622				Tune-up limit (dBm)	MPR (dB)			
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	48	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	48	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	64QAM	1	0	21.08	21.10	20.95								
10	64QAM	1	25	20.96	20.94	20.83								
10	64QAM	1	48	21.04	20.88	20.81	21	1						
10	64QAM	25	0	19.88	19.94	19.80								
10	64QAM	25	12	20.02	19.83	19.79								
10	64QAM	25	25	19.90	19.87	19.74								
10	64QAM	50	0	20.00	19.85	19.72	Tune-up limit (dBm) MPR (dB)							
Channel														
Frequency (MHz)				171597	173222	173647				Tune-up limit (dBm)	MPR (dB)			
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	20.75	20.60								
5	64QAM	1	0	21.04	21.10	20.97								
5	64QAM	1	12	20.95	20.88	20.80								
5	64QAM	1	24	21.02	20.95	20.80	22	0						
5	64QAM	12	0	19.88	19.95	19.82								
5	64QAM	12	7	20.02	19.83	19.78								
5	64QAM	12	13	19.93	19.92	19.82								
5	64QAM	25	0	19.97	19.80	19.76	Tune-up limit (dBm) MPR (dB)							
Channel														
Frequency (MHz)				171897	173222	173657				Tune-up limit (dBm)	MPR (dB)			
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	21.06	21.04	20.95								
3	QPSK	15	0	21.14	20.95	20.95								
3	16QAM	1	0	21.48	21.45	21.38								
3	16QAM	1	8	21.39	21.31	21.19	22	0						
3	16QAM	1	14	21.23	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	64QAM	1	0	21.12	21.05	21.02								
3	64QAM	1	8	20.94	20.91	20.89								
3	64QAM	1	14	20.95	20.85	20.77	22	0						
3	64QAM	8	0	19.97	19.88	19.80								
3	64QAM	8	4	20.03	19.84	19.75								
3	64QAM	8	7	19.88	19.86	19.78								
3	64QAM	15	0	19.99	19.88	19.76	Tune-up limit (dBm) MPR (dB)							
Channel														
Frequency (MHz)				171617	1745	17752				Tune-up limit (dBm)	MPR (dB)			
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	6	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	21.30								
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	20.81	20.74								
1.4	16QAM	3	3	20.95	20.86	20.76	22	0						
1.4	16QAM	6	0	20.96	20.79	20.82								
1.4	64QAM	1	0	21.06	21.07	20.97								
1.4	64QAM	1	3	21.00	20.88	20.86								
1.4	64QAM	3	0	20.98	20.87	20.74	22	0						
1.4	64QAM	3	1	21.00	21.06	20.95								
1.4	64QAM	3	3	20.99	20.79	20.80								
1.4	64QAM	3	5	20.92	20.87	20.74								
1.4	64QAM	6	0	20.00	19.82	19.79	21	1						

Band 38(only on channel required) 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				37850	38000	38150			
Frequency (MHz)				2575	2595	2610			
20	QPSK	1	0	19.53	20.15	20.08	19.1	0	
20	QPSK	1	49	19.47	19.94	20.05			
20	QPSK	1	99	19.32	19.96	19.94			
20	QPSK	50	0	19.46	20.05	20.13	21.1	0	
20	QPSK	50	24	19.74	20.10	20.18			
20	QPSK	50	50	19.35	19.95	20.15			
20	QPSK	100	0	19.20	20.08	20.20	21.1	0	
20	16QAM	1	0	19.35	20.10	20.19			
20	16QAM	1	49	19.34	20.06	20.09			
20	16QAM	1	99	19.36	20.00	20.09	21.1	0	
20	16QAM	50	0	20.02	20.08	20.20			
20	16QAM	50	24	19.80	19.99	20.23			
20	16QAM	50	50	20.07	20.12	20.16	21.1	0	
20	16QAM	100	0	19.41	20.09	20.24			
20	64QAM	1	0	19.31	19.71	19.78			
20	64QAM	1	49	19.21	19.67	19.72	21.1	0	
20	64QAM	1	99	19.51	19.62	19.70			
20	64QAM	50	0	19.58	19.91	19.99			
20	64QAM	50	24	19.90	19.96	20.04	21.1	0	
20	64QAM	50	50	19.91	19.92	19.97			
20	64QAM	100	0	19.57	19.81	20.01			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.63	20.07	20.05	21.1	0	
15	QPSK	1	37	19.37	19.89	20.04			
15	QPSK	1	74	19.29	19.88	19.98			
15	QPSK	36	0	19.44	20.11	20.20	21.1	0	
15	QPSK	36	20	19.68	20.17	20.20			
15	QPSK	36	39	19.40	20.01	20.12			
15	QPSK	75	0	19.10	20.05	20.29	21.1	0	
15	16QAM	1	0	19.26	20.08	20.29			
15	16QAM	1	37	19.38	20.10	20.03			
15	16QAM	1	74	19.27	19.95	20.17	21.1	0	
15	16QAM	36	0	20.09	20.01	20.27			
15	16QAM	36	20	19.86	19.98	20.20			
15	16QAM	36	39	20.09	20.06	20.23	21.1	0	
15	16QAM	75	0	19.49	20.18	20.34			
15	64QAM	1	0	19.39	19.68	19.85			
15	64QAM	1	37	19.25	19.76	19.78	21.1	0	
15	64QAM	1	74	19.50	19.62	19.61			
15	64QAM	36	0	19.51	20.01	20.05			
15	64QAM	36	20	19.53	19.88	20.05	21.1	0	
15	64QAM	36	39	19.84	19.84	20.07			
15	64QAM	75	0	19.54	19.82	20.07			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.72	20.12	20.11	21.1	0	
10	QPSK	1	25	19.28	19.91	19.97			
10	QPSK	1	49	19.34	19.82	19.98			
10	QPSK	25	0	19.37	20.15	20.10	21.1	0	
10	QPSK	25	12	19.74	20.25	20.11			
10	QPSK	25	25	19.41	19.96	20.19			
10	QPSK	50	0	19.42	20.15	20.36	21.1	0	
10	16QAM	1	0	19.33	20.18	20.27			
10	16QAM	1	25	19.34	20.18	20.02			
10	16QAM	1	49	19.37	19.95	20.19	21.1	0	
10	16QAM	25	0	20.14	20.08	20.17			
10	16QAM	25	12	19.83	19.98	20.28			
10	16QAM	25	25	20.17	20.09	20.31	21.1	0	
10	16QAM	50	0	19.41	20.12	20.40			
10	64QAM	1	0	19.43	19.60	19.86			
10	64QAM	1	25	19.29	19.78	19.74	21.1	0	
10	64QAM	1	49	19.58	19.67	19.61			
10	64QAM	25	0	19.44	19.99	20.14			
10	64QAM	25	12	19.88	19.79	20.01	21.1	0	
10	64QAM	25	25	19.85	19.94	20.04			
10	64QAM	50	0	19.48	19.79	19.98			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.72	20.17	20.07	21.1	0	
5	QPSK	1	12	19.32	19.97	20.07			
5	QPSK	1	24	19.41	19.80	19.95			
5	QPSK	12	0	19.36	20.21	20.16	21.1	0	
5	QPSK	12	7	19.72	20.15	20.03			
5	QPSK	12	13	19.40	19.92	20.15			
5	QPSK	25	0	19.31	20.19	20.43	21.1	0	
5	16QAM	1	0	19.30	20.11	20.35			
5	16QAM	1	12	19.40	20.19	20.00			
5	16QAM	1	24	19.35	19.90	20.09	21.1	0	
5	16QAM	12	0	20.14	20.03	20.15			
5	16QAM	12	7	19.73	20.02	20.30			
5	16QAM	12	13	20.18	20.07	20.21	21.1	0	
5	16QAM	25	0	19.46	20.21	20.31			
5	64QAM	1	0	19.37	19.52	19.92			
5	64QAM	1	12	19.39	19.68	19.81	21.1	0	
5	64QAM	1	24	19.50	19.60	19.63			
5	64QAM	12	0	19.49	19.96	20.10			
5	64QAM	12	7	19.97	19.75	20.10	21.1	0	
5	64QAM	12	13	19.78	19.90	20.03			
5	64QAM	25	0	19.53	19.84	20.00			

Band 38(only on channel required) 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				37850	38000	38150			
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	19.21	19.20	19.16	19.1	0	
20	QPSK	1	49	19.25	19.27	19.23			
20	QPSK	1	99	19.25	19.29	19.23			
20	QPSK	50	0	19.38	19.30	19.29	19.1	0	
20	QPSK	50	24	19.38	19.39	19.36			
20	QPSK	50	50	19.38	19.37	19.38			
20	QPSK	100	0	19.38	19.40	19.38	19.1	0	
20	16QAM	1	0	19.35	19.32	19.32			
20	16QAM	1	49	19.31	19.36	19.34			
20	16QAM	1	99	19.38	19.41	19.38	19.1	0	
20	16QAM	50	0	19.40	19.35	19.33			
20	16QAM	50	24	19.44	19.41	19.41			
20	16QAM	50	50	19.40	19.41	19.41	19.1	0	
20	16QAM	100	0	19.42	19.40	19.38			
20	64QAM	1	0	19.06	19.04	17.99			
20	64QAM	1	49	19.02	19.06	19.06	19.1	0	
20	64QAM	1	99	19.09	19.12	19.15			
20	64QAM	50	0	19.39	19.33	19.33			
20	64QAM	50	24	19.41	19.43	19.44	19.1	0	
20	64QAM	50	50	19.43	19.41	19.42			
20	64QAM	100	0	19.41	19.39	19.40			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.19	19.13	19.19	19.1	0	
15	QPSK	1	37	19.17	19.14	19.17			
15	QPSK	1	74	19.16	19.13	19.15			
15	QPSK	36	0	19.14	19.14	19.20	19.1	0	
15	QPSK	36	20	19.17	19.21	19.14			
15	QPSK	36	39	19.20	19.12	19.13			
15	QPSK	75	0	19.19	19.21	19.18	19.1	0	
15	16QAM	1	0	19.17	19.21	19.18			
15	16QAM	1	37	19.14	19.20	19.14			
15	16QAM	36	0	19.15	19.20	19.15	19.1	0	
15	16QAM	36	20	19.14	19.20	19.12			
15	16QAM	36	39	19.21	19.17	19.21			
15	16QAM	75	0	19.20	19.22	19.11	19.1	0	
15	64QAM	1	0	19.13	19.17	19.11			
15	64QAM	1	37	19.16	19.17	19.17			
15	64QAM	1	74	19.15	19.13	19.20	19.1	0	
15	64QAM	36	0	19.14	19.17	19.21			
15	64QAM	36	20	19.21	19.18	19.18			
15	64QAM	36	39	19.15	19.14	19.11	19.1	0	
15	64QAM	75	0	19.20	19.21	19.11			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.13	19.12	19.12	19.1	0	
10	QPSK	1	25	19.17	19.14	19.12			
10	QPSK	1	49	19.11	19.19	19.18			
10	QPSK	25	0	19.18	19.13	19.20	19.1	0	
10	QPSK	25	12	19.12	19.12	19.13			
10	QPSK	25	25	19.14	19.18	19.15			
10	QPSK	50	0	19.12	19.11	19.16	19.1	0	
10	16QAM	1	0	19.19	19.15	19.14			
10	16QAM	1	25	19.20	19.11	19.19			
10	16QAM	1	49	19.12	19.11	19.21	19.1	0	
10	16QAM	25	0	19.12	19.11	19.12			
10	16QAM	25	12	19.12	19.19	19.19			
10	16QAM	25	25	19.13	19.16	19.17	19.1	0	
10	16QAM	50	0	19.21	19.13	19.12			
10	64QAM	1	0	19.11	19.21	19.11			
10	64QAM	1	25	19.19	19.18	19.20	19.1	0	
10	64QAM	1	49	19.13	19.12	19.18			
10	64QAM	25	0	19.18	19.13	19.13			
10	64QAM	25	12	19.21	19.19	19.20	19.1	0	
10	64QAM	25	25	19.20	19.16	19.21			
10	64QAM	50	0	19.14	19.14	19.21			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.14	19.13	19.13	19.1	0	
5	QPSK	1	12	19.16	19.20	19.16			
5	QPSK	1	24	19.11	19.19	19.19			
5	QPSK	12	0	19.13	19.13	19.12	19.1	0	
5	QPSK	12	7	19.14	19.20	19.11			
5	QPSK	12	13	19.19	19.11	19.15			
5	QPSK	25	0	19.14	19.15	19.17	19.1	0	
5	16QAM	1	0	19.18	19.17	19.20			
5	16QAM	1	12	19.16	19.13	19.13			
5	16QAM	1	24	19.17	19.21	19.11	19.1	0	
5	16QAM	12	0	19.17	19.17	19.14			
5	16QAM	12	7	19.13	19.11	19.14			
5	16QAM	12	13	19.20	19.15	19.11	19.1	0	
5	16QAM	25	0	19.13	19.15	19.13			
5	16QAM	1	12	19.21	19.17	19.11			
5	64QAM	1	12	19.13	19.16	19.19	19.1	0	
5	64QAM	1	24	19.19	19.17	19.19			
5	64QAM	12	7	19.11	19.12	19.16			
5	64QAM	12	13	19.17	19.16	19.16	19.1	0	
5	64QAM	25	0	19.14	19.18	19.16			
5	64QAM	25	12	19.17	19.17	19.17			

Band 38(only on channel required)_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				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.73	18.69	18.61	19.8	0	
20	QPSK	1	49	18.77	18.69	18.59			
20	QPSK	1	99	18.76	18.66	18.55			
20	QPSK	50	0	18.80	18.80	18.65	19.8	0	
20	QPSK	50	24	18.84	18.85	18.77			
20	QPSK	50	50	18.76	18.83	18.71			
20	QPSK	100	0	18.82	18.84	18.75	19.8	0	
20	16QAM	1	0	18.84	18.82	18.72			
20	16QAM	1	49	18.81	18.74	18.65			
20	16QAM	1	99	18.82	18.73	18.68	19.8	0	
20	16QAM	50	0	18.83	18.83	18.72			
20	16QAM	50	24	18.85	18.89	18.80			
20	16QAM	50	50	18.76	18.85	18.75	19.8	0	
20	16QAM	100	0	18.85	18.89	18.78			
20	64QAM	1	0	18.77	18.54	18.39			
20	64QAM	1	49	18.75	18.52	18.43	19.8	0	
20	64QAM	1	99	18.83	18.53	18.44			
20	64QAM	50	0	18.78	17.96	17.83			
20	64QAM	50	24	18.79	18.02	17.91	19.8	0	
20	64QAM	50	50	18.80	17.97	17.86			
20	64QAM	100	0	18.84	17.98	17.89			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.77	18.63	18.53	19.8	0	
15	QPSK	1	37	18.79	18.66	18.52			
15	QPSK	1	74	18.80	18.65	18.49			
15	QPSK	36	0	18.96	18.77	18.67	19.8	0	
15	QPSK	36	20	18.93	18.82	18.72			
15	QPSK	36	39	18.92	18.80	18.68			
15	16QAM	75	0	18.96	18.83	18.65	19.8	0	
15	16QAM	1	0	18.99	18.76	18.66			
15	16QAM	1	37	18.73	18.61	18.52			
15	16QAM	1	74	18.89	18.75	18.69	19.8	0	
15	16QAM	36	0	18.93	18.78	18.65			
15	16QAM	36	20	18.91	18.79	18.71			
15	16QAM	36	39	18.88	18.80	18.69	19.8	0	
15	16QAM	75	0	18.98	18.84	18.69			
15	64QAM	1	0	18.64	18.51	18.37			
15	64QAM	1	37	18.63	18.53	18.44	19.8	0	
15	64QAM	1	74	18.60	18.50	18.43			
15	64QAM	36	0	18.09	17.92	17.79			
15	64QAM	36	20	18.07	17.94	17.86	19.8	0	
15	64QAM	36	39	18.05	17.95	17.83			
15	64QAM	75	0	18.07	17.98	17.77			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.76	18.55	18.48	19.8	0	
10	QPSK	1	25	18.88	18.56	18.61			
10	QPSK	1	49	18.74	18.62	18.64			
10	QPSK	25	0	18.75	18.66	18.54	19.8	0	
10	QPSK	25	12	18.84	18.58	18.68			
10	QPSK	25	25	18.75	18.64	18.59			
10	16QAM	50	0	18.86	18.59	18.55	19.8	0	
10	16QAM	1	0	18.90	18.63	18.72			
10	16QAM	1	25	18.81	18.66	18.59			
10	16QAM	1	49	18.75	18.74	18.48	19.8	0	
10	16QAM	25	0	18.75	18.47	18.64			
10	16QAM	25	12	18.85	18.70	18.72			
10	16QAM	25	25	18.71	18.58	18.62	19.8	0	
10	16QAM	50	0	18.84	18.64	18.61			
10	64QAM	1	0	18.69	18.69	18.52			
10	64QAM	1	25	18.80	18.61	18.65	19.8	0	
10	64QAM	1	49	18.78	18.69	18.70			
10	64QAM	25	0	18.71	18.70	18.52			
10	64QAM	25	12	18.75	18.66	18.60	19.8	0	
10	64QAM	25	25	18.68	18.65	18.50			
10	64QAM	50	0	18.83	18.54	18.50			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.75	18.51	18.54	19.8	0	
5	QPSK	1	12	18.86	18.62	18.49			
5	QPSK	1	24	18.81	18.63	18.60			
5	QPSK	12	0	18.67	18.64	18.56	19.8	0	
5	QPSK	12	7	18.82	18.57	18.58			
5	QPSK	12	13	18.78	18.73	18.57			
5	16QAM	25	0	18.84	18.58	18.57	19.8	0	
5	16QAM	1	0	18.91	18.71	18.69			
5	16QAM	1	12	18.72	18.65	18.72			
5	16QAM	1	24	18.74	18.66	18.62	19.8	0	
5	16QAM	12	0	18.78	18.50	18.68			
5	16QAM	12	7	18.76	18.61	18.63			
5	16QAM	12	13	18.71	18.57	18.60	19.8	0	
5	16QAM	25	0	18.78	18.53	18.66			
5	64QAM	1	0	18.88	18.54	18.57			
5	64QAM	1	12	18.84	18.69	18.61	19.8	0	
5	64QAM	1	24	18.83	18.60	18.58			
5	64QAM	12	0	18.81	18.56	18.48			
5	64QAM	12	7	18.83	18.71	18.66	19.8	0	
5	64QAM	12	13	18.78	18.48	18.61			
5	64QAM	25	0	18.73	18.67	18.51			

Band 38(only on channel required)_Ant2 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				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	19.99	19.90	19.80	21	0	
20	QPSK	1	49	19.95	19.88	19.78			
20	QPSK	1	99	19.96	19.84	19.75			
20	QPSK	50	0	20.03	19.99	19.77	21	0	
20	QPSK	50	24	20.01	19.97	19.86			
20	QPSK	50	50	20.01	19.93	19.82			
20	QPSK	100	0	20.03	19.95	19.84	21	0	
20	16QAM	1	0	20.04	19.93	19.82			
20	16QAM	1	49	19.95	19.90	19.78			
20	16QAM	1	99	19.96	19.90	19.80	20	1	
20	16QAM	50	0	19.07	19.95	19.82			
20	16QAM	50	24	19.05	19.98	19.89			
20	16QAM	50	50	19.03	19.97	19.84	20	1	
20	64QAM	1	0	18.78	18.65	18.53			
20	64QAM	1	49	18.85	18.81	18.51			
20	64QAM	1	99	18.88	18.82	18.53	19	2	
20	64QAM	50	0	18.10	17.94	17.84			
20	64QAM	50	24	18.07	17.99	17.90			
20	64QAM	50	50	18.06	17.96	17.85			
20	64QAM	100	0	18.05	17.99	17.88			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.94	19.88	19.80	21	0	
15	QPSK	1	37	19.96	19.86	19.85			
15	QPSK	1	74	19.99	19.91	19.66			
15	QPSK	36	0	20.04	19.90	19.74	21	0	
15	QPSK	36	20	20.05	20.03	19.78			
15	QPSK	36	39	20.06	19.87	19.77			
15	16QAM	75	0	20.06	19.94	19.85	21	0	
15	16QAM	1	0	20.10	19.99	19.86			
15	16QAM	1	37	20.05	20.03	19.74			
15	16QAM	1	74	20.01	19.96	19.71	20	1	
15	16QAM	36	0	19.04	19.91	18.72			
15	16QAM	36	20	19.05	19.88	18.68			
15	16QAM	36	39	19.00	19.07	18.88	20	1	
15	16QAM	75	0	19.03	18.97	18.81			
15	64QAM	1	0	18.68	18.57	18.59			
15	64QAM	1	37	18.67	18.68	18.45			
15	64QAM	1	74	18.72	18.58	18.45			
15	64QAM	36	0	18.06	17.91	17.88	19	2	
15	64QAM	36	20	18.13	17.90	17.83			
15	64QAM	36	39	18.13	17.90	17.83			
15	64QAM	75	0	17.98	17.96	17.96	Channel		
Frequency (MHz)				37800	38000	38200			
10	QPSK	1	0	19.96	19.88	19.78	21	0	
10	QPSK	1	25	20.04	19.85	19.81			
10	QPSK	1	50	20.01	19.79	19.72	21	0	
10	QPSK	25	0	19.94	19.89	19.69			
10	QPSK	25	12	19.93	20.02	19.76	21	0	
10	QPSK	25	37	20.01	19.97	19.79			
10	QPSK	50	0	19.97	20.03	19.89	21	0	
10	16QAM	1	0	20.00	19.95	19.84			
10	16QAM	1	25	19.98	19.87	19.87	21	0	
10	16QAM	1	49	19.96	19.82	19.85			
10	16QAM	25	0	19.00	18.86	18.92	20	1	
10	16QAM	25	12	19.01	18.94	18.98			
10	16QAM	25	25	19.02	18.95	18.93	20	1	
10	16QAM	50	0	19.06	18.89	18.90			
10	64QAM	1	0	18.73	18.65	18.63	19	2	
10	64QAM	1	49	18.73	18.70	18.46			
10	64QAM	25	0	18.16	17.98	17.87	19	2	
10	64QAM	25	12	18.12	18.06	17.87			
10	64QAM	25	25	18.14	17.98	17.92	Channel		
10	64QAM	50	0	18.10	18.02	17.90			
Frequency (MHz)				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.87	19.96	19.87			
5	QPSK	1	12	19.98	19.79	19.88			
5	QPSK	1	24	19.90	19.94	19.70	21	0	
5	QPSK	12	0	19.94	19.88	19.74			
5	QPSK	12	6	19.98	19.84	19.79	21	0	
5	QPSK	12	13	20.03	19.95	19.74			
5	QPSK	25	0	20.05	19.95	19.87	21	0	
5	16QAM	1	0	20.11	20.01	19.78			
5	16QAM	1	12	20.14	19.93	19.74	21	0	
5	16QAM	1	24	20.10	19.98	19.63			
5	16QAM	12	0	19.09	19.89	19.66	20	1	
5	16QAM	12	7	19.03	19.03	19.07			
5	16QAM	12	13	19.03	19.12	18.86	20	1	
5	16QAM	26	0	19.00	19.00	18.81			
5	64QAM	1	0	18.59	18.51	18.67	20	1	
5	64QAM	1	12	18.75	18.60	18.43			
5	64QAM	1	24	18.81	18.52	18.43	19	2	
5	64QAM	12	0	18.02	17.97	17.81			
5	64QAM	12	7	18.23	18.02	17.92	19	2	
5	64QAM	12	13	18.07	18.00	17.75			
5	64QAM	25	0	17.99	18.05	18.04	Channel		
Frequency (MHz)				37750	38000	38250			

Band 41/HPIUE (2.6G Band) Ant 1 DSI 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)
Channel				39750	40166	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.32	20.41	20.44	20.33	20.32	21.1	0
20	QPSK	1	49	20.33	20.37	20.34	20.32	20.34		
20	QPSK	1	99	20.40	20.44	20.37	20.37	20.35		
20	QPSK	50	0	20.38	20.47	20.54	20.40	20.42	21.1	0
20	QPSK	50	24	20.47	20.53	20.48	20.53	20.45		
20	QPSK	50	50	20.48	20.49	20.42	20.47	20.46		
20	QPSK	100	0	20.52	20.55	20.56	20.47	20.55	21.1	0
20	16QAM	1	0	20.53	20.59	20.49	20.56	20.52		
20	16QAM	1	49	20.48	20.51	20.47	20.47	20.44		
20	16QAM	1	99	20.52	20.52	20.45	20.42	20.50	21.1	0
20	16QAM	50	0	20.47	20.53	20.48	20.43	20.50		
20	16QAM	50	24	20.52	20.57	20.54	20.49	20.51		
20	16QAM	50	50	20.54	20.55	20.49	20.47	20.47	21.1	0
20	16QAM	100	0	20.52	20.56	20.55	20.56	20.47		
20	64QAM	1	0	20.01	20.11	20.10	20.03	20.05		
20	64QAM	1	49	20.03	20.08	19.99	20.06	20.01	21.1	0
20	64QAM	1	99	20.05	20.08	19.98	20.07	20.05		
20	64QAM	50	0	20.31	20.32	20.28	20.28	20.25		
20	64QAM	50	24	20.27	20.37	20.27	20.32	20.32	21.1	0
20	64QAM	50	50	20.32	20.33	20.28	20.26	20.33		
20	64QAM	100	0	20.33	20.33	20.29	20.26	20.27		
Channel				39725	40173	40620	41068	41515	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.27	20.33	20.33	20.33	20.23	21.1	0
15	QPSK	1	37	20.24	20.34	20.34	20.24	20.26		
15	QPSK	1	74	20.36	20.43	20.37	20.35	20.29		
15	QPSK	36	0	20.35	20.41	20.39	20.30	20.41	21.1	0
15	QPSK	36	20	20.37	20.53	20.41	20.48	20.41		
15	QPSK	36	39	20.41	20.45	20.41	20.46	20.36		
15	QPSK	75	0	20.40	20.46	20.47	20.43	20.51	21.1	0
15	16QAM	1	0	20.51	20.59	20.38	20.50	20.47		
15	16QAM	1	37	20.46	20.51	20.44	20.38	20.34		
15	16QAM	1	74	20.51	20.50	20.37	20.40	20.45	21.1	0
15	16QAM	36	0	20.47	20.44	20.41	20.42	20.47		
15	16QAM	36	20	20.48	20.55	20.44	20.46	20.45		
15	16QAM	36	39	20.53	20.55	20.44	20.41	20.39	21.1	0
15	16QAM	75	0	20.49	20.46	20.48	20.46	20.40		
15	64QAM	1	0	20.01	20.08	20.10	19.98	19.95		
15	64QAM	1	37	19.99	20.03	19.93	20.02	19.98	21.1	0
15	64QAM	1	74	19.97	20.02	19.92	20.07	19.99		
15	64QAM	36	0	20.26	20.28	20.21	20.24	20.16		
15	64QAM	36	20	20.24	20.28	20.23	20.22	20.27	21.1	0
15	64QAM	36	39	20.26	20.29	20.17	20.20	20.28		
15	64QAM	75	0	20.27	20.30	20.28	20.19	20.26		
Channel				39700	40160	40620	41080	41540	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.21	20.27	20.24	20.22	20.17	21.1	0
10	QPSK	1	25	20.23	20.28	20.33	20.14	20.19		
10	QPSK	1	49	20.31	20.41	20.29	20.30	20.26		
10	QPSK	25	0	20.31	20.31	20.32	20.22	20.36	21.1	0
10	QPSK	25	12	20.27	20.45	20.40	20.45	20.38		
10	QPSK	25	25	20.36	20.39	20.34	20.44	20.30		
10	QPSK	50	0	20.46	20.39	20.45	20.37	20.47	21.1	0
10	16QAM	1	0	20.50	20.56	20.29	20.47	20.37		
10	16QAM	1	25	20.41	20.43	20.36	20.28	20.32		
10	16QAM	1	49	20.45	20.43	20.27	20.34	20.40	21.1	0
10	16QAM	25	0	20.43	20.42	20.41	20.35	20.46		
10	16QAM	25	12	20.43	20.52	20.43	20.42	20.40		
10	16QAM	25	25	20.45	20.55	20.42	20.38	20.30	21.1	0
10	16QAM	50	0	20.42	20.45	20.44	20.44	20.38		
10	64QAM	1	0	19.92	20.01	20.00	19.95	19.88		
10	64QAM	1	25	19.98	20.02	19.88	19.94	19.93	21.1	0
10	64QAM	1	49	19.93	20.02	19.88	20.00	19.95		
10	64QAM	25	0	20.25	20.22	20.20	20.20	20.08		
10	64QAM	25	12	20.22	20.24	20.19	20.19	20.18	21.1	0
10	64QAM	25	25	20.18	20.24	20.17	20.10	20.24		
10	64QAM	50	0	20.21	20.26	20.23	20.09	20.26		
Channel				39675	40148	40620	41093	41565	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.13	20.17	20.15	20.19	20.14	21.1	0
5	QPSK	1	12	20.19	20.18	20.32	20.13	20.14		
5	QPSK	1	24	20.31	20.34	20.21	20.23	20.21		
5	QPSK	12	0	20.25	20.25	20.29	20.15	20.29	21.1	0
5	QPSK	12	7	20.17	20.42	20.32	20.45	20.31		
5	QPSK	12	13	20.31	20.37	20.25	20.39	20.24		
5	QPSK	25	0	20.46	20.37	20.36	20.37	20.42	21.1	0
5	16QAM	1	0	20.40	20.55	20.24	20.46	20.34		
5	16QAM	1	12	20.40	20.43	20.33	20.23	20.28		
5	16QAM	1	24	20.42	20.37	20.25	20.24	20.34	21.1	0
5	16QAM	12	0	20.33	20.40	20.32	20.31	20.37		
5	16QAM	12	7	20.33	20.47	20.37	20.32	20.38		
5	16QAM	12	13	20.37	20.54	20.35	20.31	20.22	21.1	0
5	16QAM	25	0	20.42	20.43	20.38	20.34	20.26		
5	64QAM	1	0	19.92	19.93	19.90	19.84	19.82		
5	64QAM	1	12	19.93	20.00	19.80	19.88	19.83	21.1	0
5	64QAM	1	24	19.86	20.00	19.83	19.95	19.87		
5	64QAM	12	0	20.18	20.22	20.19	20.13	20.02		
5	64QAM	12	7	20.19	20.17	20.13	20.11	20.08	21.1	0
5	64QAM	12	13	20.09	20.18	20.17	20.03	20.18		
5	64QAM	25	0	20.17	20.16	20.13	20.09	20.25		

Band 41/HPIUE (2.6G Band)Ant 1 DSI 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Low Middle Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Middle Ch. [Freq.]	Power High Ch. [Freq.]	Turn-up limit (dBm)	MPR (dB)
Channel				39750	40165	40620	41065	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.85	18.08	18.37	18.10	18.20	19.1	0
20	QPSK	1	49	17.99	18.19	18.28	18.09	18.16		
20	QPSK	1	99	18.00	18.21	18.36	18.13	18.19		
20	QPSK	50	0	18.03	18.20	18.47	18.20	18.20	19.1	0
20	QPSK	50	24	18.13	18.33	18.35	18.22	18.24		
20	QPSK	50	50	18.12	18.33	18.45	18.21	18.29		
20	QPSK	100	0	18.14	18.33	18.42	18.19	18.22	19.1	0
20	16QAM	1	0	18.08	18.24	18.42	18.24	18.39		
20	16QAM	1	49	18.04	18.22	18.38	18.15	18.26		
20	16QAM	1	99	18.11	18.28	18.52	18.22	18.33	19.1	0
20	16QAM	50	0	18.03	18.25	18.42	18.24	18.27		
20	16QAM	50	24	18.14	18.37	18.47	18.25	18.25		
20	16QAM	50	50	18.14	18.38	18.49	18.24	18.34	19.1	0
20	16QAM	100	0	18.15	18.38	18.45	18.21	18.24		
20	64QAM	1	0	17.71	17.90	18.13	17.84	18.01		
20	64QAM	1	49	17.80	18.01	18.12	17.89	18.00	19.1	0
20	64QAM	1	99	17.83	18.08	18.23	17.97	18.06		
20	64QAM	50	0	18.06	18.28	18.45	18.27	18.30		
20	64QAM	50	24	18.20	18.41	18.49	18.28	18.28	19.1	0
20	64QAM	50	50	18.15	18.38	18.49	18.27	18.33		
20	64QAM	100	0	18.21	18.37	18.35	18.27	18.32		
Channel				39725	40173	40620	41068	41515	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.90	17.93	17.85	17.86	17.91	19.1	0
15	QPSK	1	47	17.85	17.93	17.92	17.84	17.93		
15	QPSK	1	74	17.88	17.89	17.87	17.81	17.90		
15	QPSK	36	0	17.89	17.93	17.93	17.91	17.85	19.1	0
15	QPSK	36	20	17.94	17.84	17.88	17.89	17.89		
15	QPSK	36	36	17.85	17.85	17.85	17.84	17.82		
15	QPSK	75	0	17.84	17.84	17.85	17.84	17.84	19.1	0
15	16QAM	1	0	17.93	17.94	17.84	17.84	17.85		
15	16QAM	1	47	17.91	17.91	17.87	17.87	17.85		
15	16QAM	1	74	17.94	17.94	17.92	17.86	17.91	19.1	0
15	16QAM	36	0	17.89	17.90	17.86	17.91	17.88		
15	16QAM	36	20	17.93	17.84	17.84	17.85	17.82		
15	16QAM	36	36	17.91	17.93	17.89	17.91	17.88	19.1	0
15	16QAM	75	0	17.93	17.88	17.93	17.87	17.86		
15	64QAM	1	0	17.90	17.93	17.87	17.88	17.85		
15	64QAM	1	37	17.88	17.87	17.90	17.89	17.85	19.1	0
15	64QAM	1	74	17.88	17.93	17.86	17.84	17.85		
15	64QAM	36	0	17.86	17.89	17.84	17.83	17.86		
15	64QAM	36	20	17.92	17.86	17.93	17.93	17.92	19.1	0
15	64QAM	36	36	17.88	17.87	17.92	17.92	17.94		
15	64QAM	75	0	17.91	17.94	17.84	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.87	17.91	17.83	17.84	17.87	19.1	0
10	QPSK	1	47	17.90	17.93	17.84	17.84	17.84		
10	QPSK	1	49	17.93	17.92	17.92	17.89	17.88		
10	QPSK	25	0	17.88	17.94	17.85	17.90	17.88	19.1	0
10	QPSK	25	12	17.87	17.84	17.88	17.85	17.84		
10	QPSK	25	25	17.92	17.90	17.90	17.87	17.84		
10	QPSK	50	0	17.84	17.90	17.90	17.88	17.94	19.1	0
10	16QAM	1	0	17.93	17.89	17.88	17.88	17.88		
10	16QAM	1	25	17.86	17.84	17.90	17.87	17.91		
10	16QAM	1	49	17.92	17.87	17.88	17.87	17.86	19.1	0
10	16QAM	25	0	17.90	17.94	17.83	17.93	17.93		
10	16QAM	25	12	17.91	17.91	17.84	17.94	17.93		
10	16QAM	25	25	17.89	17.85	17.92	17.94	17.93	19.1	0
10	16QAM	50	0	17.84	17.93	17.88	17.85	17.87		
10	16QAM	1	0	17.90	17.87	17.88	17.87	17.87		
10	64QAM	1	25	17.86	17.85	17.93	17.92	17.92	19.1	0
10	64QAM	1	52	17.89	17.91	17.87	17.89	17.89		
10	64QAM	25	0	17.87	17.93	17.90	17.89	17.90		
10	64QAM	25	12	17.94	17.93	17.85	17.90	17.91	19.1	0
10	64QAM	25	25	17.93	17.87	17.91	17.89	17.91		
10	64QAM	50	0	17.82	17.88	17.89	17.87	17.84		
Channel				39675	40148	40620	41093	41555	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.6	2593	2640.3	2687.5		
5	QPSK	1	0	17.91	17.94	17.85	17.86	17.94	19.1	0
5	QPSK	1	12	17.94	17.89	17.88	17.88	17.89		
5	QPSK	1	24	17.88	17.90	17.88	17.88	17.88		
5	QPSK	12	0	17.91	17.87	17.84	17.91	17.93	19.1	0
5	QPSK	12	7	17.84	17.88	17.85	17.90	17.91		
5	QPSK	12	13	17.88	17.91	17.93	17.84	17.90		
5	QPSK	25	0	17.91	17.93	17.92	17.91	17.93	19.1	0
5	QPSK	1	0	17.84	17.88	17.90	17.91	17.94		
5	16QAM	1	12	17.93	17.91	17.92	17.84	17.93		
5	16QAM	1	24	17.92	17.92	17.89	17.94	17.93	19.1	0
5	16QAM	12	0	17.93	17.93	17.92	17.86	17.88		
5	16QAM	12	7	17.89	17.94	17.88	17.90	17.88		
5	16QAM	12	13	17.86	17.85	17.88	17.84	17.86	19.1	0
5	16QAM	25	0	17.88	17.93	17.85	17.87	17.87		
5	64QAM	1	12	17.94	17.91	17.90	17.87	17.91		
5	64QAM	1	24	17.84	17.84	17.85	17.84	17.85	19.1	0
5	64QAM	12	0	17.92	17.87	17.92	17.91	17.88		
5	64QAM	12	7	17.85	17.94	17.91	17.93	17.90		
5	64QAM	12	13	17.85	17.90	17.85	17.85	17.89	19.1	0
5	64QAM	25	0	17.93	17.85	17.89	17.90	17.84		

Band 41/HPUE (2.6G Band)_Ant2 DSI 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Low Middle Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	19.8	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.03	18.01	17.97	17.97	17.99	19.8	0
20	QPSK	1	49	18.00	17.93	17.99	17.95	18.00		
20	QPSK	1	99	17.99	17.93	17.94	17.95	17.94	19.8	0
20	QPSK	50	0	18.01	18.01	17.97	17.98	17.96		
20	QPSK	50	24	17.93	17.98	18.01	17.98	17.93	19.8	0
20	QPSK	50	50	17.96	17.98	17.93	17.95	17.95		
20	QPSK	100	0	17.97	18.03	17.99	18.03	18.00	19.8	0
20	16QAM	1	0	17.95	17.96	18.03	18.00	17.99		
20	16QAM	1	49	17.96	18.03	18.03	17.93	17.98	19.8	0
20	16QAM	1	99	18.02	18.02	18.02	18.02	17.95		
20	16QAM	50	0	17.97	17.99	17.93	18.03	17.95	19.8	0
20	16QAM	50	24	17.97	17.98	18.03	17.96	18.00		
20	16QAM	50	50	17.94	18.02	17.96	17.95	17.97	19.8	0
20	16QAM	100	0	18.02	17.99	17.98	17.98	17.95		
20	64QAM	1	0	18.00	18.03	17.98	17.97	17.93	19.8	0
20	64QAM	1	49	17.96	18.03	17.93	18.00	18.00		
20	64QAM	1	99	17.98	17.98	17.93	17.96	18.03	19.8	0
20	64QAM	50	0	17.95	17.94	17.95	17.97	17.99		
20	64QAM	50	24	17.98	17.98	17.98	17.99	17.94	19.8	0
20	64QAM	50	50	17.94	17.96	17.98	17.94	18.03		
20	64QAM	100	0	17.93	17.97	17.96	17.97	17.99	19.8	0
Channel				39725	40173	40620	41088	41515		
Frequency (MHz)				25035	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	18.03	18.03	18.03	17.94	17.93	19.8	0
15	QPSK	1	37	17.94	18.02	17.99	17.94	18.01		
15	QPSK	1	74	17.94	18.00	18.02	17.99	17.94	19.8	0
15	QPSK	36	0	18.02	18.02	18.00	17.96	18.00		
15	QPSK	36	20	18.02	18.00	17.99	17.95	18.01	19.8	0
15	QPSK	36	39	17.94	17.95	17.97	17.93	18.03		
15	QPSK	75	0	17.96	18.00	17.98	18.02	17.99	19.8	0
15	16QAM	1	0	17.96	17.94	17.93	18.03	17.94		
15	16QAM	1	37	17.98	17.96	17.94	17.99	17.94	19.8	0
15	16QAM	1	74	17.97	18.02	18.02	17.97	17.94		
15	16QAM	36	0	18.02	17.93	17.96	18.03	17.98	19.8	0
15	16QAM	36	20	17.96	18.01	17.97	18.03	17.95		
15	16QAM	36	39	17.95	18.00	17.95	18.01	17.97	19.8	0
15	16QAM	75	0	18.03	17.97	17.98	18.02	18.03		
15	64QAM	1	0	18.01	17.97	18.03	18.00	17.99	19.8	0
15	64QAM	1	37	17.98	18.02	18.02	18.03	17.95		
15	64QAM	1	74	17.95	18.00	17.98	18.00	18.01	19.8	0
15	64QAM	36	0	17.93	17.93	17.98	18.01	18.00		
15	64QAM	36	20	17.94	17.97	17.97	18.00	18.03	19.8	0
15	64QAM	36	39	17.98	17.98	17.98	18.01	17.98		
15	64QAM	75	0	17.99	17.97	17.98	17.99	17.93	19.8	0
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				25015	2547	2593	2637	2683	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	18.01	17.95	18.01	17.96	17.99	19.8	0
10	QPSK	1	25	18.02	18.00	17.96	18.01	17.98		
10	QPSK	1	49	17.93	18.00	17.98	17.93	17.96	19.8	0
10	QPSK	25	0	18.01	17.97	17.93	17.93	18.00		
10	QPSK	25	12	17.96	17.97	17.98	17.98	17.99	19.8	0
10	QPSK	25	25	17.96	17.95	17.99	17.93	17.95		
10	QPSK	50	0	17.93	18.00	18.02	17.94	18.02	19.8	0
10	16QAM	1	0	17.93	18.01	18.01	18.00	17.95		
10	16QAM	1	25	17.94	17.96	18.03	17.93	18.01	19.8	0
10	16QAM	1	49	17.96	17.94	17.98	17.93	17.98		
10	16QAM	25	0	17.93	17.96	18.01	17.99	18.03	19.8	0
10	16QAM	25	12	17.95	17.98	18.02	18.00	17.94		
10	16QAM	25	25	17.97	18.03	17.98	17.96	17.94	19.8	0
10	16QAM	50	0	17.97	17.99	17.99	17.93	18.01		
10	64QAM	1	0	17.97	17.94	18.01	17.95	18.01	19.8	0
10	64QAM	1	25	17.96	18.03	18.01	18.00	17.98		
10	64QAM	1	49	17.93	17.96	18.02	17.94	18.01	19.8	0
10	64QAM	25	0	18.01	17.98	17.96	18.01	18.02		
10	64QAM	25	12	17.99	17.93	17.95	18.00	18.01	19.8	0
10	64QAM	25	25	17.95	17.93	17.98	17.98	17.93		
10	64QAM	50	0	17.97	18.00	18.03	18.03	18.00	19.8	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	18.02	17.96	17.99	18.02	18.02	19.8	0
5	QPSK	1	12	18.03	17.94	17.95	18.02	18.00		
5	QPSK	1	24	17.96	17.95	17.95	18.02	17.95	19.8	0
5	QPSK	12	0	17.96	18.00	17.96	18.00	17.99		
5	QPSK	12	7	17.95	17.99	18.01	17.98	17.98	19.8	0
5	QPSK	12	13	18.00	17.94	17.99	18.02	18.00		
5	QPSK	25	0	18.02	17.98	17.99	17.99	17.93	19.8	0
5	16QAM	1	0	17.96	18.03	17.95	17.97	18.02		
5	16QAM	1	12	17.98	18.01	18.00	18.02	17.96	19.8	0
5	16QAM	1	24	17.97	17.99	18.00	18.01	18.00		
5	16QAM	12	0	18.02	17.93	17.98	18.03	17.97	19.8	0
5	16QAM	12	7	17.93	17.94	17.97	17.93	17.94		
5	16QAM	12	13	18.01	18.01	17.97	18.01	17.94	19.8	0
5	16QAM	25	0	17.94	18.03	18.01	17.95	18.03		
5	64QAM	1	0	17.96	17.94	18.01	17.99	18.03	19.8	0
5	64QAM	1	12	17.93	17.97	17.94	18.01	17.93		
5	64QAM	1	24	17.95	17.98	17.99	17.99	17.93	19.8	0
5	64QAM	12	0	18.00	17.97	17.94	18.03	18.03		
5	64QAM	12	7	17.99	17.93	18.03	17.98	17.96	19.8	0
5	64QAM	12	13	17.99	17.93	17.98	18.02	17.98		
5	64QAM	25	0	17.97	17.99	17.96	18.00	17.97	19.8	0

Band 41/HPUE (2.6G Band)_Ant2 DSI 5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.26	19.22	19.14	19.02	19.01	21	0
20	QPSK	1	49	19.23	19.13	19.09	19.04	19.05		
20	QPSK	1	99	19.26	19.17	19.03	19.03	19.06	21	0
20	QPSK	50	0	19.47	19.08	19.09	19.24	19.07		
20	QPSK	50	24	19.21	19.34	19.47	19.02	19.10	21	0
20	QPSK	50	50	19.02	19.11	19.19	19.12	19.11		
20	QPSK	100	0	19.20	19.12	19.19	19.01	19.12	21	0
20	16QAM	1	0	19.21	19.12	19.03	19.08	19.14		
20	16QAM	1	49	19.88	19.23	19.52	19.05	19.15	21	0
20	16QAM	1	99	19.03	19.10	19.54	19.29	19.14		
20	16QAM	50	0	19.03	19.05	19.00	19.04	19.11	21	0
20	16QAM	50	24	19.12	19.14	19.06	19.06	19.05		
20	16QAM	50	50	19.87	19.09	19.87	19.07	19.06	21	0
20	16QAM	100	0	19.20	19.10	19.67	19.10	19.07		
20	64QAM	1	0	19.15	19.89	19.20	19.03	19.17	21	0
20	64QAM	1	49	19.32	20.02	19.26	19.12	19.06		
20	64QAM	1	99	19.10	19.15	19.13	19.06	19.10	21	0
20	64QAM	50	0	19.05	19.15	19.20	19.11	19.07		
20	64QAM	50	24	19.02	19.16	19.15	19.12	19.05	20	1
20	64QAM	50	50	18.83	19.20	19.03	19.10	19.16		
20	64QAM	100	0	19.43	19.30	19.37	19.11	19.10		
Channel				39755	40173	40620	27746.15	19.05	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	1305.615	18.13		
15	QPSK	1	0	19.12	19.19	19.13	19.16	19.11	21	0
15	QPSK	1	49	19.14	19.16	19.16	19.14	19.14		
15	QPSK	1	99	19.12	19.15	19.11	19.13	19.13	21	0
15	QPSK	50	0	19.14	19.12	19.11	19.13	19.18		
15	QPSK	50	24	19.12	19.21	19.17	19.12	19.14	21	0
15	QPSK	50	50	19.15	19.15	19.11	19.13	19.16		
15	QPSK	75	0	19.14	19.16	19.21	19.18	19.20	21	0
15	16QAM	1	0	19.14	19.16	19.21	19.11	19.17		
15	16QAM	1	49	19.17	19.21	19.19	19.14	19.14	21	0
15	16QAM	1	74	19.21	19.21	19.15	19.20	19.11		
15	16QAM	50	0	19.16	19.17	19.11	19.11	19.18	21	0
15	16QAM	50	24	19.11	19.21	19.14	19.15	19.15		
15	16QAM	50	50	19.13	19.14	19.12	19.16	19.18	21	0
15	16QAM	75	0	19.16	19.13	19.21	19.13	19.16		
15	64QAM	12	0	19.21	19.12	19.15	19.12	19.12	21	0
15	64QAM	1	37	19.19	19.11	19.15	19.14	19.17		
15	64QAM	1	74	19.20	19.20	19.21	19.16	19.21	21	0
15	64QAM	50	19	19.19	19.21	19.14	19.21	19.19		
15	64QAM	50	20	19.21	19.13	19.21	19.16	19.11	20	1
15	64QAM	50	39	19.13	19.14	19.21	19.19	19.11		
15	64QAM	75	0	19.15	19.13	19.21	19.17	19.17		
Channel				39700	40180	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.12	19.19	19.15	19.21	19.15	21	0
10	QPSK	1	49	19.12	19.14	19.16	19.14	19.18		
10	QPSK	1	99	19.20	19.18	19.12	19.18	19.18	21	0
10	QPSK	25	0	19.15	19.14	19.11	19.11	19.20		
10	QPSK	25	1	19.21	19.13	19.13	19.11	19.21	21	0
10	QPSK	25	25	19.13	19.21	19.21	19.21	19.19		
10	QPSK	50	0	19.19	19.19	19.12	19.20	19.15	21	0
10	16QAM	1	0	19.21	19.20	19.17	19.19	19.18		
10	16QAM	1	25	19.17	19.20	19.17	19.16	19.14	21	0
10	16QAM	1	49	19.12	19.15	19.16	19.21	19.13		
10	16QAM	25	0	19.17	19.14	19.19	19.20	19.19	21	0
10	16QAM	25	12	19.21	19.15	19.19	19.13	19.13		
10	16QAM	25	25	19.14	19.18	19.12	19.21	19.20	21	0
10	16QAM	50	0	19.17	19.21	19.18	19.18	19.19		
10	64QAM	1	0	19.19	19.18	19.11	19.20	19.17	21	0
10	64QAM	1	25	19.15	19.16	19.18	19.12	19.19		
10	64QAM	1	49	19.13	19.12	19.15	19.18	19.17	21	0
10	64QAM	25	0	19.18	19.15	19.19	19.14	19.15		
10	64QAM	25	12	19.16	19.13	19.15	19.21	19.17	20	1
10	64QAM	25	25	19.17	19.13	19.21	19.16	19.14		
10	64QAM	50	0	19.13	19.19	19.16	19.16	19.16		
Channel				39675	40148	40620	41053	41555	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.11	19.16	19.15	19.17	19.13	21	0
5	QPSK	1	19	19.18	19.17	19.11	19.11	19.16		
5	QPSK	1	24	19.11	19.19	19.14	19.16	19.19	21	0
5	QPSK	12	0	19.20	19.15	19.15	19.19	19.19		
5	QPSK	12	19	19.17	19.11	19.11	19.17	19.16	21	0
5	QPSK	12	13	19.17	19.16	19.20	19.17	19.16		
5	QPSK	25	0	19.18	19.21	19.19	19.16	19.15	21	0
5	16QAM	1	0	19.13	19.16	19.18	19.17	19.17		
5	16QAM	1	12	19.12	19.21	19.18	19.19	19.19	21	0
5	16QAM	1	24	19.15	19.14	19.21	19.15	19.19		
5	16QAM	12	18	19.14	19.12	19.14	19.14	19.14	21	0
5	16QAM	12	7	19.14	19.19	19.21	19.14	19.12		
5	16QAM	12	13	19.13	19.13	19.18	19.13	19.12	21	0
5	16QAM	25	0	19.16	19.15	19.11	19.22	19.19		
5	64QAM	1	12	19.12	19.12	19.14	19.13	19.17	21	0
5	64QAM	1	12	19.12	19.21	19.14	19.13	19.16		
5	64QAM	1	17	19.12	19.16	19.16	19.16	19.16	21	0
5	64QAM	12	0	19.20	19.14	19.17	19.11	19.15		
5	64QAM	12	7	19.13	19.13	19.12	19.15	19.17	20	1
5	64QAM	12	17	19.12	19.13	19.13	19.16	19.16		
5	64QAM	25	0	19.11	19.15	19.11	19.15	19.17		

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				166500	167300	167800	Tune-up limit (dBm)		
Frequency (MHz)				834	836.5	839	MPR (dB)		
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	22.98	23.04	22.96			
20	PI2 BPSK	50	56	22.98	23.02	22.98			
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			
20	QPSK	1	53	23.10	23.24	23.06			
20	QPSK	1	104	23.01	23.13	23.01	24.0	0.0	
20	QPSK	50	0	22.93	23.01	22.96			
20	QPSK	50	28	22.94	23.05	22.87			
20	QPSK	50	56	22.94	22.98	22.91	24.0	0.0	
20	QPSK	100	0	22.86	22.93	22.88			
20	16QAM	1	1	22.85	22.96	22.79			
20	16QAM	1	53	22.75	22.79	22.61	23.0	1.0	
20	16QAM	1	104	22.67	22.62	22.59			
20	16QAM	50	0	22.48	22.48	22.52			
20	16QAM	50	28	22.35	22.30	22.50	23.0	1.0	
20	16QAM	50	56	22.29	22.23	22.31			
20	16QAM	100	0	21.19	21.11	21.21			
20	64QAM	1	1	21.29	21.44	21.35	22.0	2.0	
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	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)		
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			
15	16QAM	1	1	22.23	22.33	22.21			
15	16QAM	1	40	22.18	22.20	22.20	23.0	1.0	
15	16QAM	1	77	22.18	22.13	22.18			
15	16QAM	36	0	22.20	22.14	22.11			
15	16QAM	36	22	22.21	22.14	22.02	23.0	1.0	
15	16QAM	36	43	22.15	22.23	22.06			
15	16QAM	75	0	21.55	21.77	21.56			
15	64QAM	1	1	21.01	21.11	21.05	22.0	2.0	
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	21.09	20.96	21.5	2.5	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)		
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			
10	QPSK	1	26	23.03	22.72	22.89			
10	QPSK	1	50	22.96	22.73	23.00	24.0	0.0	
10	QPSK	25	0	23.05	22.76	23.02			
10	QPSK	25	14	22.93	22.74	22.99			
10	QPSK	25	27	23.04	22.77	22.92	24.0	0.0	
10	QPSK	50	0	22.01	21.87	21.88			
10	16QAM	1	1	22.28	22.79	22.20			
10	16QAM	1	26	22.12	22.72	22.16	23.0	1.0	
10	16QAM	1	50	22.08	22.72	22.10			
10	16QAM	25	0	22.17	22.74	22.12			
10	16QAM	25	14	22.22	22.73	22.10	23.0	1.0	
10	16QAM	25	27	22.25	22.73	22.01			
10	16QAM	50	0	21.14	21.72	20.99			
10	64QAM	1	1	20.93	21.38	21.03	22.0	2.0	
10	64QAM	1	26	20.84	21.38	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	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)		
5	PI2 BPSK	1	1	23.29	23.09	23.07	24.0	0.0	
5	PI2 BPSK	1	13	23.14	22.91	22.91			
5	PI2 BPSK	1	23	23.23	22.92	22.88			
5	PI2 BPSK	12	0	23.21	22.90	22.90	24.0	0.0	
5	PI2 BPSK	12	7	23.16	22.90	22.98			
5	PI2 BPSK	12	13	23.16	23.09	23.02			
5	PI2 BPSK	25	0	22.77	22.49	22.33	23.5	0.5	
5	QPSK	1	1	23.08	23.02	23.11			
5	QPSK	1	13	22.98	23.02	23.01			
5	QPSK	1	23	22.96	23.00	23.05	24.0	0.0	
5	QPSK	12	0	23.05	22.96	23.02			
5	QPSK	12	7	22.96	23.00	23.04			
5	QPSK	12	13	23.02	22.90	23.04	24.0	0.0	
5	QPSK	25	0	22.05	21.88	22.01			
5	16QAM	1	1	22.28	22.93	22.19			
5	16QAM	1	13	22.12	22.89	22.06	23.0	1.0	
5	16QAM	1	23	22.14	22.75	22.01			
5	16QAM	12	0	22.13	22.88	22.08			
5	16QAM	12	7	22.17	22.89	22.14	23.0	1.0	
5	16QAM	12	13	22.27	22.87	21.99			
5	16QAM	25	0	21.22	21.78	20.99			
5	64QAM	1	1	20.83	21.39	21.01	22.0	2.0	
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	20.88	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	

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				166000	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			
20	QPSK	1	53	23.15	23.27	22.92	24.0	0.0	
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	22.85	22.71			
20	QPSK	100	0	22.64	22.70	22.75	23.0	1.0	
20	16QAM	1	1	20.82	20.88	20.82			
20	16QAM	1	53	20.73	20.62	20.83	23.0	1.0	
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			
20	64QAM	1	53	20.55	20.64	20.63	21.5	2.5	
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	20.76			
20	64QAM	100	0	20.68	20.56	20.66	21.5	2.5	
Channel				166300	167300	168300			Tune-up limit (dBm)
Frequency (MHz)				833.5 <th>836.5<th>840.5<th></th><th></th><th></th></th></th>	836.5 <th>840.5<th></th><th></th><th></th></th>	840.5 <th></th> <th></th> <th></th>			
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			
15	16QAM	1	1	22.73	22.71	22.65			
15	16QAM	1	40	22.62	22.66	22.65	23.0	1.0	
15	16QAM	1	77	22.66	22.61	22.45			
15	16QAM	36	0	22.56	22.54	22.53			
15	16QAM	36	22	22.64	22.60	22.50	23.0	1.0	
15	16QAM	36	43	22.61	22.70	22.50			
15	16QAM	75	0	21.57	21.47	21.46			
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	21.05	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	
Channel				165800	167300	168800			Tune-up limit (dBm)
Frequency (MHz)				829 <th>836.5<th>844<th></th><th></th><th></th></th></th>	836.5 <th>844<th></th><th></th><th></th></th>	844 <th></th> <th></th> <th></th>			
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			
10	QPSK	1	26	23.58	23.45	23.50			
10	QPSK	1	50	23.65	23.40	23.49	24.0	0.0	
10	QPSK	25	0	23.57	23.37	23.54			
10	QPSK	25	14	23.64	23.45	23.42			
10	QPSK	25	27	23.63	23.33	23.62	24.0	0.0	
10	QPSK	50	0	22.52	22.34	22.53			
10	16QAM	1	1	22.49	22.49	22.55			
10	16QAM	1	26	22.49	22.43	22.36	23.0	1.0	
10	16QAM	1	50	22.46	22.37	22.50			
10	16QAM	25	0	22.39	22.40	22.46			
10	16QAM	25	14	22.45	22.30	22.39	23.0	1.0	
10	16QAM	25	27	22.34	22.40	22.35			
10	16QAM	50	0	21.35	21.34	21.39			
10	64QAM	1	1	21.11	21.01	21.25	21.5	2.5	
10	64QAM	1	26	20.96	20.87	21.21			
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	
Channel				165300	167300	169300			Tune-up limit (dBm)
Frequency (MHz)				826.5 <th>836.5<th>846.5<th></th><th></th><th></th></th></th>	836.5 <th>846.5<th></th><th></th><th></th></th>	846.5 <th></th> <th></th> <th></th>			
5	PI2 BPSK	1	1	23.78	23.78	23.65	24.0	0.0	
5	PI2 BPSK	1	13	23.78	23.61	23.50			
5	PI2 BPSK	1	23	23.76	23.66	23.57			
5	PI2 BPSK	12	0	23.72	23.67	23.47	24.0	0.0	
5	PI2 BPSK	12	7	23.65	23.68	23.63			
5	PI2 BPSK	12	13	23.71	23.67	23.46			
5	PI2 BPSK	25	0	23.19	23.17	23.61	23.5	0.5	
5	QPSK	1	1	23.76	23.75	23.61			
5	QPSK	1	13	23.67	23.65	23.61			
5	QPSK	1	23	23.58	23.72	23.60	24.0	0.0	
5	QPSK	12	0	23.68	23.70	23.43			
5	QPSK	12	7	23.70	23.63	23.58			
5	QPSK	12	13	23.58	23.67	23.51	24.0	0.0	
5	QPSK	25	0	22.71	22.78	22.58			
5	16QAM	1	1	22.74	22.80	22.61			
5	16QAM	1	13	22.55	22.63	22.51	23.0	1.0	
5	16QAM	1	23	22.66	22.65	22.54			
5	16QAM	12	0	22.63	22.61	22.44			
5	16QAM	12	7	22.71	22.62	22.61	23.0	1.0	
5	16QAM	12	13	22.67	22.70	22.55			
5	16QAM	25	0	22.55	22.60	22.40			
5	64QAM	1	1	21.28	21.23	21.05	22.0	2.0	
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	

n2 Ant 1 DSI 284&683&85										
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										MPR (dB)
Frequency (MHz)										MPR (dB)
20	Pi2 BPSK	1	1	21.23	21.25	21.21				
20	Pi2 BPSK	1	53	21.42	21.39	21.26	22.0	0.0		
20	Pi2 BPSK	1	104	21.08	21.05	20.93				
20	Pi2 BPSK	50	0	21.22	21.21	21.05				
20	Pi2 BPSK	50	28	21.41	21.35	21.16	22.0	0.0		
20	Pi2 BPSK	50	56	21.19	21.11	21.01				
20	Pi2 BPSK	100	0	21.21	21.21	21.00	21.5	0.5		
20	QPSK	1	1	21.20	21.24	21.04				
20	QPSK	1	53	21.46	21.47	21.21	22.0	0.0		
20	QPSK	1	104	20.94	20.93	20.88				
20	QPSK	50	0	20.94	21.10	20.94				
20	QPSK	50	28	21.22	21.12	21.01	22.0	0.0		
20	QPSK	50	56	21.04	21.14	20.96				
20	QPSK	100	0	20.46	20.39	20.28	21.0	1.0		
20	16QAM	1	1	20.84	20.89	20.68				
20	16QAM	1	53	20.15	20.69	20.73	21.0	1.0		
20	16QAM	1	104	20.65	20.74	20.54				
20	16QAM	50	0	20.59	20.46	20.35				
20	16QAM	50	28	20.65	20.61	20.38	21.0	1.0		
20	16QAM	50	56	20.36	20.56	20.36				
20	16QAM	100	0	19.89	19.94	19.77	20.0	2.0		
20	64QAM	1	1	19.30	19.25	19.03				
20	64QAM	1	53	19.37	19.28	19.17	19.5	2.5		
20	64QAM	1	104	19.14	19.73	19.14				
20	64QAM	50	0	19.27	19.09	18.96				
20	64QAM	50	28	19.19	19.07	18.89	19.5	2.5		
20	64QAM	50	56	18.97	19.13	18.87				
20	64QAM	100	0	19.02	19.10	18.95	21.5	2.5		
Channel										MPR (dB)
Frequency (MHz)										MPR (dB)
15	Pi2 BPSK	1	1	21.22	21.27	21.15				
15	Pi2 BPSK	1	49	21.51	21.35	21.14	22.0	0.0		
15	Pi2 BPSK	1	77	21.17	21.17	20.74				
15	Pi2 BPSK	36	0	21.21	21.25	21.04				
15	Pi2 BPSK	36	22	21.37	21.22	20.97	22.0	0.0		
15	Pi2 BPSK	36	43	21.32	21.18	20.90				
15	Pi2 BPSK	75	0	21.18	21.06	21.00	21.5	0.5		
15	QPSK	1	1	21.28	21.15	21.08				
15	QPSK	1	40	21.49	21.38	21.25	22.0	0.0		
15	QPSK	1	77	20.90	20.92	20.78				
15	QPSK	36	0	21.03	20.98	20.95				
15	QPSK	36	22	21.24	21.01	20.86	22.0	0.0		
15	QPSK	36	43	21.01	20.90	20.97				
15	QPSK	75	0	20.64	20.50	20.29	21.0	1.0		
15	16QAM	1	1	20.87	20.92	20.62				
15	16QAM	1	40	20.82	20.76	20.77	21.0	1.0		
15	16QAM	1	77	20.76	20.82	20.56				
15	16QAM	36	0	19.68	19.55	19.39				
15	16QAM	36	22	20.36	20.58	20.36	21.0	1.0		
15	16QAM	36	43	20.57	20.58	20.32				
15	16QAM	75	0	19.61	19.67	19.46	20.0	2.0		
15	64QAM	1	1	19.30	19.33	18.97				
15	64QAM	1	40	19.34	19.19	19.19	19.5	2.5		
15	64QAM	1	77	19.08	18.92	18.74				
15	64QAM	36	0	19.21	19.21	19.08				
15	64QAM	36	22	19.25	19.16	18.92	19.5	2.5		
15	64QAM	36	43	19.07	19.08	18.97				
15	64QAM	75	0	19.07	19.05	18.86	19.5	2.5		
Channel										MPR (dB)
Frequency (MHz)										MPR (dB)
10	Pi2 BPSK	1	1	21.20	21.30	21.16				
10	Pi2 BPSK	1	26	21.48	21.23	21.03	22.0	0.0		
10	Pi2 BPSK	1	50	21.12	21.04	20.68				
10	Pi2 BPSK	25	0	21.28	21.25	21.00				
10	Pi2 BPSK	25	14	21.22	21.06	21.06	22.0	0.0		
10	Pi2 BPSK	25	27	21.16	21.13	20.91				
10	Pi2 BPSK	50	0	21.28	21.03	20.94	21.5	0.5		
10	QPSK	1	1	21.30	21.18	20.98				
10	QPSK	1	26	21.51	21.42	21.15	22.0	0.0		
10	QPSK	1	50	20.98	20.80	20.67				
10	QPSK	25	0	21.05	20.99	20.94				
10	QPSK	25	14	21.10	21.08	20.85	22.0	0.0		
10	QPSK	25	27	21.06	21.00	20.90				
10	QPSK	50	0	20.85	20.56	20.18	21.0	1.0		
10	16QAM	1	1	20.89	20.81	20.70				
10	16QAM	1	26	20.82	20.64	20.60	21.0	1.0		
10	16QAM	1	50	20.77	20.58	20.56				
10	16QAM	25	0	19.74	19.43	19.37				
10	16QAM	25	14	20.67	20.55	20.22	21.0	1.0		
10	16QAM	25	27	20.67	20.59	20.36				
10	16QAM	50	0	19.88	19.73	19.48	20.0	2.0		
10	64QAM	1	1	19.33	19.21	18.99				
10	64QAM	1	26	19.36	19.18	19.17	19.5	2.5		
10	64QAM	1	50	19.12	18.98	18.63				
10	64QAM	25	0	19.06	19.19	18.96				
10	64QAM	25	14	19.13	18.97	18.78	19.5	2.5		
10	64QAM	25	27	18.98	18.91	18.72				
10	64QAM	50	0	19.30	19.15	19.14	19.5	2.5		
Channel										MPR (dB)
Frequency (MHz)										MPR (dB)
5	Pi2 BPSK	1	1	21.25	21.14	21.11				
5	Pi2 BPSK	1	13	21.35	21.35	20.91	22.0	0.0		
5	Pi2 BPSK	1	23	21.10	21.02	20.66				
5	Pi2 BPSK	12	0	21.27	21.06	20.97				
5	Pi2 BPSK	12	7	21.20	21.14	20.92	22.0	0.0		
5	Pi2 BPSK	12	13	21.28	21.05	20.78				
5	Pi2 BPSK	25	0	21.26	21.10	20.94	21.5	0.5		
5	QPSK	1	1	21.22	21.10	20.78				
5	QPSK	1	13	21.46	21.21	21.25	22.0	0.0		
5	QPSK	1	23	20.97	20.76	20.74				
5	QPSK	12	0	21.02	20.93	20.77	22.0	0.0		
5	QPSK	12	7	21.19	20.85	20.84				
5	QPSK	12	13	20.99	20.91	20.79				
5	QPSK	25	0	20.55	20.49	20.05	21.0	1.0		
5	16QAM	1	1	20.97	20.63	20.56				
5	16QAM	1	13	20.89	20.61	20.58	21.0	1.0		
5	16QAM	1	23	20.68	20.67	20.59				
5	16QAM	12	0	19.72	19.34	19.30				
5	16QAM	12	7	20.60	20.34	20.29	21.0	1.0		
5	16QAM	12	13	20.74	20.60	20.30				
5	16QAM	25	0	19.88	19.54	19.46	20.0	2.0		
5	64QAM	1	1	19.24	19.18	18.90				
5	64QAM	1	13	19.44	19.13	19.01	19.5	2.5		
5	64QAM	1	23	18.94	18.84	18.67				
5	64QAM	12	0	19.04	19.09	18.89				
5	64QAM	12	7	19.15	18.87	18.79	19.5	2.5		
5	64QAM	12	13	19.06	18.79	18.67				
5	64QAM	25	0	18.99	18.87	18.72	19.5	2.5		

n2 Ant 2 DSI 284&68&385										
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				373000	376000	380000	1 tune-up limit (return)	MPR (db)		
Frequency (MHz)				1852.5	1865	1872.5				
20	Pi2 BPSK	1	1	23.74	23.72	23.62				
20	Pi2 BPSK	1	53	23.88	23.78	23.67	24.0	0.0		
20	Pi2 BPSK	1	104	23.82	23.61	23.38				
20	Pi2 BPSK	50	0	23.23	23.30	23.17				
20	Pi2 BPSK	50	28	23.77	23.65	23.65	24.0	0.0		
20	Pi2 BPSK	50	56	23.23	23.17	23.05				
20	Pi2 BPSK	100	0	23.27	23.18	23.13	23.5	0.5		
20	QPSK	1	1	23.67	23.73	23.38				
20	QPSK	1	53	23.78	23.69	23.66	24.0	0.0		
20	QPSK	1	104	23.43	23.54	23.26				
20	QPSK	50	0	22.49	22.50	22.16				
20	QPSK	50	28	23.53	23.58	23.32	24.0	0.0		
20	QPSK	50	56	22.41	22.44	22.18				
20	QPSK	100	0	22.45	22.43	22.10	23.0	1.0		
20	16QAM	1	1	22.09	22.01	21.75				
20	16QAM	1	53	21.98	22.01	21.83	23.0	1.0		
20	16QAM	1	104	21.80	21.82	21.61				
20	16QAM	50	0	21.54	21.56	21.40				
20	16QAM	50	28	22.54	22.58	22.20	23.0	1.0		
20	16QAM	50	56	21.48	21.38	21.16				
20	16QAM	100	0	21.34	21.45	21.20	22.0	2.0		
20	64QAM	1	1	21.07	20.94	20.78				
20	64QAM	1	53	21.01	20.99	20.93	21.5	2.5		
20	64QAM	1	104	20.86	20.84	20.61				
20	64QAM	50	0	21.06	21.02	20.78				
20	64QAM	50	28	21.01	20.96	20.76	21.5	2.5		
20	64QAM	50	56	21.13	21.00	20.82				
20	64QAM	100	0	21.02	21.04	20.75	21.5	2.5		
Channel				373000	376000	380000	1 tune-up limit (return)	MPR (db)		
Frequency (MHz)				1852.5	1865	1872.5				
15	Pi2 BPSK	1	1	23.65	23.68	23.70				
15	Pi2 BPSK	1	40	23.76	23.59	23.62	24.0	0.0		
15	Pi2 BPSK	1	77	23.72	23.67	23.62				
15	Pi2 BPSK	36	36	23.69	23.64	23.61				
15	Pi2 BPSK	36	22	23.71	23.58	23.70	24.0	0.0		
15	Pi2 BPSK	36	43	23.66	23.60	23.66				
15	Pi2 BPSK	75	0	23.27	23.22	23.06				
15	QPSK	1	1	23.67	23.73	23.38	23.5	0.5		
15	QPSK	1	40	23.60	23.59	23.51				
15	QPSK	1	77	23.71	23.57	23.49				
15	QPSK	36	0	22.53	22.52	22.38				
15	QPSK	36	22	23.56	23.45	23.45	24.0	0.0		
15	QPSK	36	43	22.47	22.44	22.22				
15	QPSK	75	0	22.42	22.44	22.18	23.0	1.0		
15	16QAM	1	1	21.91	21.91	21.65				
15	16QAM	1	40	21.88	21.88	21.63	23.0	1.0		
15	16QAM	1	77	21.99	21.96	21.63				
15	16QAM	36	0	21.41	21.40	21.30				
15	16QAM	36	22	22.42	22.48	22.18	23.0	1.0		
15	16QAM	36	43	21.27	21.30	21.06				
15	16QAM	75	0	21.26	21.36	21.23	22.0	2.0		
15	64QAM	1	1	21.07	20.94	20.77				
15	64QAM	1	40	21.00	20.90	20.70	21.5	2.5		
15	64QAM	1	77	20.99	20.94	20.64				
15	64QAM	36	0	20.89	20.91	20.74				
15	64QAM	36	22	20.81	20.87	20.74	21.5	2.5		
15	64QAM	36	43	20.97	20.89	20.77				
15	64QAM	75	0	20.96	20.85	20.69	21.5	2.5		
Channel				373000	376000	381000	1 tune-up limit (return)	MPR (db)		
Frequency (MHz)				1855 <th>1880<th>1905</th><th></th><th></th><th colspan="2"></th></th>	1880 <th>1905</th> <th></th> <th></th> <th colspan="2"></th>	1905				
10	Pi2 BPSK	1	1	23.40	23.40	23.20				
10	Pi2 BPSK	1	28	23.48	23.42	23.30	24.0	0.0		
10	Pi2 BPSK	25	0	23.50	23.48	23.20				
10	Pi2 BPSK	25	0	22.92	22.90	22.78				
10	Pi2 BPSK	25	14	23.47	23.49	23.26	24.0	0.0		
10	Pi2 BPSK	25	27	22.89	22.96	22.75				
10	Pi2 BPSK	50	0	22.95	22.95	22.75	23.5	0.5		
10	QPSK	1	1	23.63	23.60	23.36				
10	QPSK	1	26	23.59	23.74	23.54				
10	QPSK	1	50	23.52	23.74	23.47				
10	QPSK	25	0	22.50	22.44	22.31				
10	QPSK	25	14	23.37	23.52	23.31	24.0	0.0		
10	QPSK	25	27	22.29	22.49	22.26				
10	QPSK	50	0	22.37	22.47	22.26	23.0	1.0		
10	16QAM	1	1	21.95	21.96	21.67				
10	16QAM	1	26	22.05	21.90	21.74	23.0	1.0		
10	16QAM	1	50	21.35	21.38	21.24				
10	16QAM	25	0	21.83	21.88	21.65				
10	16QAM	25	14	22.47	22.42	22.21	23.0	1.0		
10	16QAM	25	27	21.50	21.41	21.33				
10	16QAM	50	0	21.50	21.42	21.21	22.0	2.0		
10	64QAM	1	1	20.96	20.97	20.64				
10	64QAM	1	26	21.11	21.12	20.81	21.5	2.5		
10	64QAM	1	50	20.82	20.88	20.53				
10	64QAM	25	0	20.98	20.93	20.69				
10	64QAM	25	14	20.95	20.92	20.67	21.5	2.5		
10	64QAM	25	27	20.96	20.80	20.69				
10	64QAM	50	0	20.96	20.89	20.81	21.5	2.5		
Channel				370500	376000	381500	1 tune-up limit (return)	MPR (db)		
Frequency (MHz)				1862.5	1880	1907.5				
5	Pi2 BPSK	1	1	23.39	23.36	23.22				
5	Pi2 BPSK	1	13	23.38	23.38	23.21	24.0	0.0		
5	Pi2 BPSK	1	23	23.37	23.47	23.42				
5	Pi2 BPSK	12	0	22.87	22.89	22.69				
5	Pi2 BPSK	12	7	23.58	23.49	23.49				
5	Pi2 BPSK	12	13	22.92	22.98	22.69	24.0	0.0		
5	Pi2 BPSK	25	0	22.83	22.91	22.76	23.5	0.5		
5	QPSK	1	1	23.69	23.64	23.51				
5	QPSK	1	13	23.63	23.69	23.48				
5	QPSK	1	23	23.37	23.59	23.58				
5	QPSK	12	0	22.49	22.39	22.28				
5	QPSK	12	7	23.54	23.43	23.38	24.0	0.0		
5	QPSK	12	13	22.51	22.56	22.36				
5	QPSK	25	0	22.54	22.49	22.31	23.0	1.0		
5	16QAM	1	1	21.80	21.82	21.53				
5	16QAM	1	13	22.00	21.96	21.86	23.0	1.0		
5	16QAM	1	23	21.94	21.91	21.73				
5	16QAM	12	0	21.41	21.41	21.17				
5	16QAM	12	7	22.36	22.44	22.18	23.0	1.0		
5	16QAM	12	13	21.47	21.52	21.39				
5	16QAM	25	0	21.39	21.39	21.33	22.0	2.0		
5	64QAM	1	1	20.79	20.80	20.63				
5	64QAM	1	13	20.95	20.89	20.69	21.5	2.5		
5	64QAM	1	23	20.99	20.83	20.65				
5	64QAM	12	0	21.04	20.91	20.73				
5	64QAM	12	7	21.11	21.03	20.83	21.5	2.5		
5	64QAM	12	13	21.13	21.19	21.02				
5	64QAM	25	0	20.86	20.93	20.77	21.5	2.5		

n25 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	Time-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)				372000	376000	380000	turn-up limit (dBm)	MPR (dB)		
20	Pi2 BPSK	1	1	23.82	23.80	23.70				
20	Pi2 BPSK	1	53	23.96	23.93	23.75	24.0	0.0		
20	Pi2 BPSK	1	104	23.84	23.86	23.47				
20	Pi2 BPSK	50	0	23.83	23.93	23.22				
20	Pi2 BPSK	50	28	23.89	23.79	23.72	24.0	0.0		
20	Pi2 BPSK	50	56	23.38	23.29	23.09				
20	Pi2 BPSK	100	0	23.39	23.33	23.17	23.5	0.5		
20	QPSK	1	1	23.80	23.76	23.31				
20	QPSK	1	53	23.83	23.86	23.69	24.0	0.0		
20	QPSK	1	104	23.58	23.61	23.35				
20	QPSK	50	0	22.56	22.53	22.33	24.0	0.0		
20	QPSK	50	28	23.63	23.66	23.40				
20	QPSK	50	56	22.58	22.54	22.32				
20	QPSK	100	0	22.55	22.53	22.27	23.0	1.0		
20	16QAM	1	1	22.14	22.09	21.84				
20	16QAM	1	53	22.13	22.12	21.94	23.0	1.0		
20	16QAM	1	104	21.99	21.97	21.71				
20	16QAM	50	0	21.70	21.64	21.45				
20	16QAM	50	28	22.57	22.61	22.37	23.0	1.0		
20	16QAM	50	56	21.60	21.56	21.31				
20	16QAM	100	0	21.48	21.47	21.23	22.0	2.0		
20	64QAM	1	1	21.20	21.08	20.80				
20	64QAM	1	53	21.17	21.18	20.97	21.5	2.5		
20	64QAM	1	104	21.04	21.06	20.73				
20	64QAM	50	0	21.20	21.14	20.92				
20	64QAM	50	28	21.11	21.10	20.86	21.5	2.5		
20	64QAM	50	56	21.16	21.10	20.91				
20	64QAM	100	0	21.07	21.01	20.83	21.5	2.5		
Channel Frequency (MHz)				371000	376000	381000	turn-up limit (dBm)	MPR (dB)		
15	Pi2 BPSK	1	1	23.72	23.82	23.75				
15	Pi2 BPSK	1	40	23.79	23.75	23.75	24.0	0.0		
15	Pi2 BPSK	1	77	23.74	23.79	23.80				
15	Pi2 BPSK	36	0	23.73	23.76	23.76				
15	Pi2 BPSK	36	22	23.73	23.73	23.80	24.0	0.0		
15	Pi2 BPSK	36	43	23.76	23.77	23.74				
15	Pi2 BPSK	75	0	23.38	23.33	23.19	23.5	0.5		
15	QPSK	1	1	23.76	23.74	23.75				
15	QPSK	1	40	23.74	23.77	23.55	24.0	0.0		
15	QPSK	1	77	23.79	23.74	23.53				
15	QPSK	36	0	23.65	23.66	23.40				
15	QPSK	36	22	23.59	23.54	23.38	24.0	0.0		
15	QPSK	36	43	22.57	22.52	22.28				
15	QPSK	75	0	22.57	22.53	22.37	23.0	1.0		
15	16QAM	1	1	22.01	22.02	21.84				
15	16QAM	1	40	22.02	22.01	21.81	23.0	1.0		
15	16QAM	1	77	22.02	22.03	21.81				
15	16QAM	36	0	21.54	21.54	21.33				
15	16QAM	36	22	22.45	22.44	22.21	23.0	1.0		
15	16QAM	36	43	21.46	21.45	21.30				
15	16QAM	75	0	21.46	21.47	21.30	22.0	2.0		
15	64QAM	1	1	21.14	21.09	20.87				
15	64QAM	1	40	21.13	21.03	20.86	21.5	2.5		
15	64QAM	1	77	20.99	21.00	20.87				
15	64QAM	36	0	21.00	21.04	20.84				
15	64QAM	36	22	20.95	20.97	20.87	21.5	2.5		
15	64QAM	36	43	20.88	20.92	20.82				
15	64QAM	75	0	21.03	20.99	20.81	21.5	2.5		
Channel Frequency (MHz)				371000	376000	382000	turn-up limit (dBm)	MPR (dB)		
10	Pi2 BPSK	1	1	23.49	23.63	23.31				
10	Pi2 BPSK	1	26	23.59	23.61	23.45	24.0	0.0		
10	Pi2 BPSK	1	50	23.53	23.55	23.38				
10	Pi2 BPSK	25	0	23.10	23.07	22.86	24.0	0.0		
10	Pi2 BPSK	25	14	23.53	23.55	23.32				
10	Pi2 BPSK	25	27	23.05	23.08	22.94	23.5	0.5		
10	Pi2 BPSK	50	0	23.12	23.10	22.91				
10	QPSK	1	1	23.75	23.74	23.54				
10	QPSK	1	26	23.76	23.78	23.63	24.0	0.0		
10	QPSK	1	50	23.71	23.69	23.50				
10	QPSK	25	0	22.80	22.58	22.44				
10	QPSK	25	14	23.52	23.57	23.40	24.0	0.0		
10	QPSK	25	27	22.48	22.51	22.37				
10	QPSK	50	0	22.02	22.04	22.40	23.0	1.0		
10	16QAM	1	1	22.03	22.02	21.85				
10	16QAM	1	26	22.07	22.02	21.82	23.0	1.0		
10	16QAM	1	50	22.00	21.99	21.79				
10	16QAM	25	0	21.52	21.54	21.36				
10	16QAM	25	14	22.54	22.55	22.34	23.0	1.0		
10	16QAM	25	27	21.60	21.58	21.39				
10	16QAM	50	0	21.55	21.51	21.31	22.0	2.0		
10	64QAM	1	1	21.05	21.02	20.83				
10	64QAM	1	26	21.14	21.09	20.95	21.5	2.5		
10	64QAM	1	50	20.93	20.95	20.72				
10	64QAM	25	0	21.04	21.02	20.79	21.5	2.5		
10	64QAM	25	14	21.04	21.00	20.80				
10	64QAM	25	27	21.07	21.03	20.83				
10	64QAM	50	0	21.07	21.04	20.84	21.5	2.5		
Channel Frequency (MHz)				370500	376000	382500	turn-up limit (dBm)	MPR (dB)		
5	Pi2 BPSK	1	1	23.56	23.54	23.38				
5	Pi2 BPSK	1	13	23.63	23.64	23.49	24.0	0.0		
5	Pi2 BPSK	1	23	23.55	23.60	23.46				
5	Pi2 BPSK	12	0	23.05	23.02	22.79				
5	Pi2 BPSK	12	7	23.69	23.65	23.48	24.0	0.0		
5	Pi2 BPSK	12	13	23.10	23.13	22.91				
5	Pi2 BPSK	25	0	22.98	23.03	22.84	23.5	0.5		
5	QPSK	1	1	23.78	23.73	23.57				
5	QPSK	1	13	23.80	23.77	23.55	24.0	0.0		
5	QPSK	1	23	23.82	23.78	23.82				
5	QPSK	12	0	22.52	22.52	22.31	24.0	0.0		
5	QPSK	12	7	23.63	23.62	23.44				
5	QPSK	12	13	22.69	22.64	22.43				
5	QPSK	25	0	22.60	22.55	22.35	23.0	1.0		
5	16QAM	1	1	21.96	21.92	21.72				
5	16QAM	1	13	22.02	22.04	21.81	23.0	1.0		
5	16QAM	12	0	21.98	22.02	21.80				
5	16QAM	12	0	21.45	21.43	21.25				
5	16QAM	12	7	22.47	22.49	22.29	23.0	1.0		
5	16QAM	12	13	21.63	21.58	21.41				
5	16QAM	25	0	21.57	21.55	21.41	22.0	2.0		
5	64QAM	1	1	20.92	20.93	20.76				
5	64QAM	1	13	20.97	20.99	20.78	21.5	2.5		
5	64QAM	1	23	21.04	21.02	20.82				
5	64QAM	12	0	21.11	21.09	20.99				
5	64QAM	12	7	21.21	21.22	21.00	21.5	2.5		
5	64QAM	12	13	21.24	21.21	21.04				
5	64QAM	25	0	21.00	21.04	20.81	21.5	2.5		

n66 (only SCS15KHz has 5M BW) 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.	Turn-up limit (dBm)	MPR (dB)		
Channel				344000	349000	354000	turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	Pi2 BPSK	1	1	22.61	22.58	22.47				
20	Pi2 BPSK	1	53	22.90	22.61	22.63	24.0	0.0		
20	Pi2 BPSK	1	104	22.44	22.52	22.45				
20	Pi2 BPSK	50	0	22.30	22.46	22.30				
20	Pi2 BPSK	50	26	22.53	22.47	22.45	24.0	0.0		
20	Pi2 BPSK	50	56	22.20	22.05	22.00				
20	Pi2 BPSK	100	0	21.51	21.95	21.61	23.5	0.5		
20	QPSK	1	1	22.38	22.42	22.25				
20	QPSK	1	104	21.79	21.58	21.46	24.0	0.0		
20	QPSK	1	104	22.28	22.35	22.21				
20	QPSK	50	0	22.23	22.29	22.14				
20	QPSK	50	26	22.32	22.32	22.20	24.0	0.0		
20	QPSK	50	26	22.36	22.35	22.10				
20	QPSK	100	0	21.27	21.20	21.11	23.0	1.0		
20	16QAM	1	1	21.69	21.69	21.57				
20	16QAM	1	53	21.62	21.62	21.51	23.0	1.0		
20	16QAM	1	104	21.58	21.58	21.46				
20	16QAM	50	0	21.27	21.31	21.19				
20	16QAM	50	26	21.32	21.32	21.20	23.0	1.0		
20	16QAM	50	56	21.27	21.29	21.12				
20	16QAM	100	0	20.25	20.25	20.12	22.0	2.0		
20	64QAM	1	1	19.85	19.88	19.73				
20	64QAM	1	53	19.87	19.90	19.75	21.5	2.5		
20	64QAM	1	104	19.80	19.82	19.66				
20	64QAM	50	0	19.79	19.86	19.68				
20	64QAM	50	26	19.71	19.75	19.55	21.5	2.5		
20	64QAM	50	56	19.77	19.79	19.66				
20	64QAM	100	0	19.72	19.79	19.63	21.5	2.5		
Channel				345000	349000	353000	turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5 <th>1745<th>1772.5<th></th><th></th><th colspan="2"></th></th></th>	1745 <th>1772.5<th></th><th></th><th colspan="2"></th></th>	1772.5 <th></th> <th></th> <th colspan="2"></th>				
15	Pi2 BPSK	1	1	22.60	22.60	22.51				
15	Pi2 BPSK	1	40	22.87	22.59	22.61	24.0	0.0		
15	Pi2 BPSK	1	77	22.41	22.47	22.30				
15	Pi2 BPSK	36	22	22.45	22.45	22.34				
15	Pi2 BPSK	36	22	22.40	22.48	22.46	24.0	0.0		
15	Pi2 BPSK	36	43	22.38	22.46	22.28				
15	Pi2 BPSK	75	0	21.49	21.92	21.61	23.5	0.5		
15	QPSK	1	1	22.40	22.44	22.28				
15	QPSK	1	40	22.45	22.60	22.46	24.0	0.0		
15	QPSK	1	77	22.29	22.39	22.16				
15	QPSK	36	0	22.14	22.32	22.11				
15	QPSK	36	22	22.31	22.38	22.20	24.0	0.0		
15	QPSK	36	43	22.25	22.27	22.13				
15	QPSK	75	0	21.22	21.26	21.08	23.0	1.0		
15	16QAM	1	1	21.73	21.71	21.62				
15	16QAM	1	40	21.57	21.66	21.51	23.0	1.0		
15	16QAM	1	77	21.59	21.57	21.49				
15	16QAM	36	0	21.27	21.32	21.17				
15	16QAM	36	22	21.29	21.37	21.14	23.0	1.0		
15	16QAM	36	43	21.25	21.32	21.11				
15	16QAM	75	0	20.20	20.20	20.08	22.0	2.0		
15	64QAM	1	1	19.87	19.89	19.78				
15	64QAM	1	40	19.87	19.87	19.75	21.5	2.5		
15	64QAM	1	77	19.84	19.84	19.67				
15	64QAM	36	0	19.81	19.91	19.71				
15	64QAM	36	22	19.76	19.70	19.61	21.5	2.5		
15	64QAM	36	43	19.75	19.77	19.61				
15	64QAM	75	0	19.70	19.60	19.58	21.5	2.5		
Channel				345000	349000	353000	turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715 <th>1745<th>1775<th></th><th></th><th colspan="2"></th></th></th>	1745 <th>1775<th></th><th></th><th colspan="2"></th></th>	1775 <th></th> <th></th> <th colspan="2"></th>				
10	Pi2 BPSK	1	1	22.57	22.59	22.47				
10	Pi2 BPSK	1	26	22.83	22.61	22.60	24.0	0.0		
10	Pi2 BPSK	1	53	22.41	22.47	22.30				
10	Pi2 BPSK	25	0	22.45	22.40	22.30				
10	Pi2 BPSK	25	14	22.45	22.46	22.47	24.0	0.0		
10	Pi2 BPSK	25	27	22.39	22.25	22.23				
10	Pi2 BPSK	50	0	21.49	21.91	21.63	23.5	0.5		
10	QPSK	1	1	22.37	22.44	22.26				
10	QPSK	1	26	22.47	22.62	22.43	24.0	0.0		
10	QPSK	1	50	22.27	22.25	22.11				
10	QPSK	25	0	22.29	22.27	22.13				
10	QPSK	25	14	22.28	22.27	22.23	24.0	0.0		
10	QPSK	25	27	22.30	22.32	22.12				
10	QPSK	50	0	21.17	21.24	21.10	23.0	1.0		
10	16QAM	1	1	21.78	21.68	21.66				
10	16QAM	1	26	21.62	21.63	21.51	23.0	1.0		
10	16QAM	1	50	21.60	21.58	21.50				
10	16QAM	25	0	21.23	21.37	21.21				
10	16QAM	25	0	21.26	21.36	21.16	23.0	1.0		
10	16QAM	25	27	21.22	21.30	21.15				
10	16QAM	50	0	20.31	20.28	20.12	22.0	2.0		
10	64QAM	1	1	19.83	19.89	19.81				
10	64QAM	1	26	19.92	19.90	19.77	21.5	2.5		
10	64QAM	1	40	19.82	19.83	19.66				
10	64QAM	25	0	19.86	19.92	19.64				
10	64QAM	25	14	19.77	19.71	19.63	21.5	2.5		
10	64QAM	25	27	19.70	19.60	19.50				
10	64QAM	50	0	19.72	19.73	19.55	21.5	2.5		
Channel				342500	349000	355500	turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5 <th>1745<th>1777.5<th></th><th></th><th colspan="2"></th></th></th>	1745 <th>1777.5<th></th><th></th><th colspan="2"></th></th>	1777.5 <th></th> <th></th> <th colspan="2"></th>				
5	Pi2 BPSK	1	1	22.56	22.57	22.45				
5	Pi2 BPSK	1	13	22.82	22.60	22.56	24.0	0.0		
5	Pi2 BPSK	1	23	22.43	22.45	22.50				
5	Pi2 BPSK	12	0	22.42	22.35	22.44				
5	Pi2 BPSK	12	7	22.52	22.41	22.46	24.0	0.0		
5	Pi2 BPSK	12	13	22.63	22.45	22.47				
5	Pi2 BPSK	25	0	21.45	21.95	21.64	23.5	0.5		
5	QPSK	1	1	22.34	22.44	22.23				
5	QPSK	1	13	22.51	22.61	22.43	24.0	0.0		
5	QPSK	1	23	22.38	22.38	22.40				
5	QPSK	12	0	22.18	22.28	22.12				
5	QPSK	12	7	22.31	22.26	22.27	24.0	0.0		
5	QPSK	12	13	22.25	22.35	22.10				
5	QPSK	25	0	21.19	21.27	21.05	23.0	1.0		
5	16QAM	1	1	21.78	21.67	21.65				
5	16QAM	1	13	21.57	21.59	21.60	23.0	1.0		
5	16QAM	1	23	21.64	21.59	21.49				
5	16QAM	12	0	21.13	21.36	21.13				
5	16QAM	12	7	21.22	21.32	21.19	23.0	1.0		
5	16QAM	12	13	21.22	21.25	21.16				
5	16QAM	25	0	20.36	20.25	20.10	22.0	2.0		
5	64QAM	1	1	19.87	19.88	19.83				
5	64QAM	1	13	19.94	19.97	19.89	21.5	2.5		
5	64QAM	1	23	19.82	19.83	19.65				
5	64QAM	12	0	19.85	19.91	19.69				
5	64QAM	12	7	19.78	19.68	19.62	21.5	2.5		
5	64QAM	12	13	19.72	19.83	19.75				
5	64QAM	25	0	19.80	19.71	19.52	21.5	2.5		

n71 (only SCS15KHz has 5M BW) Ant 1 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 Frequency (MHz)				134600 670.5	136100 680.5	137600 690.5	Tune-up limit (dBm)	MPR (dB)	
20	PV2 BPSK	1	1	24.74	24.56	24.42	23.72		
20	PV2 BPSK	1	53	24.43	24.32	24.18	25.0	0.0	
20	PV2 BPSK	1	104	24.33	24.12	24.01			
20	PV2 BPSK	50	0	24.53	24.38	24.22			
20	PV2 BPSK	50	28	24.34	24.28	24.12	25.0	0.0	
20	PV2 BPSK	50	56	24.31	24.11	24.03			
20	PV2 BPSK	100	0	23.64	24.23	24.09	24.5	0.5	
20	QPSK	1	53	24.55	24.43	24.37			
20	QPSK	1	53	24.38	24.21	24.09	25.0	0.0	
20	QPSK	1	104	24.19	24.00	23.91			
20	QPSK	50	0	24.46	24.29	24.23			
20	QPSK	50	28	24.29	24.18	24.12	25.0	0.0	
20	QPSK	50	56	24.16	24.04	23.89			
20	QPSK	100	0	23.46	23.28	23.16	24.0	1.0	
20	16QAM	1	1	24.00	23.84	23.73			
20	16QAM	1	104	23.62	23.46	23.41	24.0	1.0	
20	16QAM	50	0	23.64	23.48	23.34			
20	16QAM	50	28	23.53	23.35	23.20	24.0	1.0	
20	16QAM	50	56	23.42	23.24	23.12			
20	16QAM	100	0	22.36	22.20	22.05	23.0	2.0	
20	64QAM	1	1	22.47	22.36	22.29			
20	64QAM	1	53	22.43	22.27	22.22	22.5	2.5	
20	64QAM	1	104	22.27	22.07	22.01			
20	64QAM	50	0	22.44	22.30	22.21			
20	64QAM	50	28	22.37	22.25	22.17	22.5	2.5	
20	64QAM	50	56	22.24	22.06	22.01			
20	64QAM	100	0	22.27	22.17	22.09	22.5	2.5	
Channel Frequency (MHz)				134100 670.5	135100 680.5	136100 690.5	Tune-up limit (dBm)	MPR (dB)	
15	PV2 BPSK	1	1	24.70	24.59	24.39			
15	PV2 BPSK	1	40	24.36	24.30	24.15	25.0	0.0	
15	PV2 BPSK	1	77	24.26	24.14	24.05			
15	PV2 BPSK	36	0	24.43	24.38	24.22			
15	PV2 BPSK	36	22	24.26	24.26	24.11	25.0	0.0	
15	PV2 BPSK	36	43	24.23	24.13	24.06			
15	16QAM	1	0	23.64	24.24	24.17	24.5	0.5	
15	PV2 BPSK	1	1	24.49	24.43	24.35			
15	PV2 BPSK	1	40	24.34	24.20	24.04	25.0	0.0	
15	PV2 BPSK	1	77	24.16	24.01	23.95			
15	PV2 BPSK	36	0	24.42	24.24	24.21			
15	PV2 BPSK	36	22	24.28	24.13	24.12	25.0	0.0	
15	PV2 BPSK	36	43	24.11	24.03	23.87			
15	PV2 BPSK	75	0	23.45	23.24	23.17	24.0	1.0	
15	16QAM	1	1	23.98	23.81	23.71			
15	16QAM	1	40	23.80	23.64	23.52	24.0	1.0	
15	16QAM	1	77	23.55	23.41	23.37			
15	16QAM	36	0	23.54	23.51	23.29			
15	16QAM	36	22	23.15	23.40	23.19	24.0	1.0	
15	16QAM	36	43	23.26	23.23	23.10			
15	16QAM	75	0	22.52	22.42	22.24	23.0	2.0	
15	64QAM	1	1	22.37	22.31	22.14			
15	64QAM	1	40	22.38	22.12	22.04	22.5	2.5	
15	64QAM	1	77	22.13	21.97	21.89			
15	64QAM	36	0	22.24	22.17	22.11			
15	64QAM	36	22	22.17	22.20	22.08	22.5	2.5	
15	64QAM	36	43	22.06	22.01	21.90			
15	64QAM	75	0	22.08	22.11	21.94	22.5	2.5	
Channel Frequency (MHz)				133600 670.5	136100 680.5	138600 693	Tune-up limit (dBm)	MPR (dB)	
10	PV2 BPSK	1	1	24.70	24.62	24.44			
10	PV2 BPSK	1	26	24.37	24.34	24.14	25.0	0.0	
10	PV2 BPSK	1	50	24.28	24.09	24.03			
10	PV2 BPSK	25	0	24.43	24.42	24.25			
10	PV2 BPSK	25	14	24.26	24.24	24.06	25.0	0.0	
10	PV2 BPSK	25	27	24.27	24.17	24.10			
10	PV2 BPSK	50	0	23.68	24.19	24.09	24.5	0.5	
10	QPSK	1	1	24.46	24.44	24.32			
10	QPSK	1	26	24.33	24.25	24.03	25.0	0.0	
10	QPSK	1	50	24.13	23.98	23.92			
10	QPSK	25	0	24.40	24.20	24.20			
10	QPSK	25	14	24.27	24.12	24.14	25.0	0.0	
10	QPSK	25	27	24.12	24.03	23.86			
10	QPSK	50	0	23.93	23.74	23.69	24.0	1.0	
10	16QAM	1	1	23.94	23.83	23.70			
10	16QAM	1	26	23.83	23.69	23.54	24.0	1.0	
10	16QAM	1	50	23.55	23.38	23.33			
10	16QAM	25	0	23.49	23.47	23.31			
10	16QAM	25	14	23.53	23.43	23.16	24.0	1.0	
10	16QAM	25	27	23.31	23.21	23.11			
10	16QAM	50	0	22.92	22.86	22.64	23.0	2.0	
10	64QAM	1	1	22.46	22.38	22.22			
10	64QAM	1	26	22.36	22.17	22.29	22.5	2.5	
10	64QAM	1	50	22.25	22.04	21.98			
10	64QAM	25	0	22.30	22.23	22.18			
10	64QAM	25	14	22.26	22.36	22.17	22.5	2.5	
10	64QAM	25	27	22.13	22.10	21.93			
10	64QAM	50	0	22.20	22.22	22.01	22.5	2.5	
Channel Frequency (MHz)				133100 665.5	136100 680.5	139100 695.5	Tune-up limit (dBm)	MPR (dB)	
5	PV2 BPSK	1	1	24.68	24.62	24.37			
5	PV2 BPSK	1	13	24.33	24.31	24.11	25.0	0.0	
5	PV2 BPSK	1	23	24.22	24.14	24.06			
5	PV2 BPSK	12	0	24.39	24.43	24.20			
5	PV2 BPSK	12	7	24.26	24.27	24.13	25.0	0.0	
5	PV2 BPSK	12	13	24.20	24.15	24.02			
5	PV2 BPSK	25	0	23.68	24.20	24.09	24.5	0.5	
5	QPSK	1	1	24.49	24.46	24.30			
5	QPSK	1	13	24.33	24.23	24.09	25.0	0.0	
5	QPSK	1	23	24.18	23.98	23.97			
5	QPSK	12	0	24.44	24.29	24.25	25.0	0.0	
5	QPSK	12	7	24.33	24.16	24.12			
5	QPSK	12	13	24.06	24.06	23.83			
5	QPSK	25	0	23.99	23.77	23.75	24.0	1.0	
5	16QAM	1	1	23.92	23.71	23.61			
5	16QAM	1	13	23.75	23.57	23.46	24.0	1.0	
5	16QAM	1	23	23.51	23.35	23.31			
5	16QAM	12	0	23.47	23.51	23.24			
5	16QAM	12	7	23.41	23.30	23.13	24.0	1.0	
5	16QAM	12	13	23.25	23.13	23.08			
5	16QAM	25	0	22.81	22.73	22.56	23.0	2.0	
5	64QAM	1	1	22.71	22.63	22.46			
5	64QAM	1	13	22.40	22.33	22.19	22.5	2.5	
5	64QAM	1	23	22.28	22.15	22.15			
5	64QAM	12	0	22.15	22.01	21.87			
5	64QAM	12	7	22.22	22.19	22.13	22.5	2.5	
5	64QAM	12	13	22.20	22.17	22.07			
5	64QAM	25	0	22.08	22.04	21.83	22.5	2.5	

n71 (only SCS15KHz has 5M BW)Ant 2 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 Frequency (MHz)				134600 670.5	136100 680.5	137600 690.5	Tune-up limit (dBm)	MPR (dB)	
20	PV2 BPSK	1	1	23.95	23.80	23.72			
20	PV2 BPSK	1	53	23.69	23.60	23.41	24.0	0.0	
20	PV2 BPSK	1	104	23.57	23.43	23.19			
20	PV2 BPSK	50	0	23.25	23.18	22.93			
20	PV2 BPSK	50	28	23.59	23.57	23.34	24.0	0.0	
20	PV2 BPSK	50	56	23.36	23.22	22.72			
20	PV2 BPSK	100	0	23.13	23.03	22.83	23.5	0.5	
20	QPSK	1	1	23.84	23.54	23.43			
20	QPSK	1	53	23.47	23.39	23.23	24.0	0.0	
20	QPSK	1	104	23.24	23.20	23.01			
20	QPSK	50	0	23.59	23.47	23.32			
20	QPSK	50	28	23.50	23.40	23.23	24.0	0.0	
20	QPSK	50	56	23.29	23.25	23.09			
20	QPSK	100	0	22.46	22.40	22.25	23.0	1.0	
20	16QAM	1	1	22.87	22.82	22.64			
20	16QAM	1	53	22.80	22.50	22.36	23.0	1.0	
20	16QAM	1	104	22.60	22.50	22.34			
20	16QAM	50	0	22.46	22.41	22.23			
20	16QAM	50	28	22.50	22.37	22.20	23.0	1.0	
20	16QAM	50	56	22.32	22.24	22.10			
20	16QAM	100	0	21.43	21.32	21.14	22.0	2.0	
20	64QAM	1	1	21.48	21.36	21.24			
20	64QAM	1	53	21.13	21.09	20.91	21.5	2.5	
20	64QAM	1	104	21.02	20.94	20.84			
20	64QAM	50	0	21.05	20.97	20.81			
20	64QAM	50	28	20.90	20.85	20.65	21.5	2.5	
20	64QAM	50	56	20.79	20.74	20.57			
20	64QAM	100	0	20.72	20.53	20.68	21.5	2.5	
Channel Frequency (MHz)				134100 670.5	135100 680.5	136100 690.5	Tune-up limit (dBm)	MPR (dB)	

n41 for FCC_Ant 2 DSI 2&4&6&PC2 DSI 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				508202	518598	528998			
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	22.56	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	
Channel				508200	518598	528998	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	
Channel				507204	518598	528998	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	

Channel				505200	518598	531998	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	21.19	21.21		
60	64QAM	162	0	21.18	21.08	21.17	21.5	2.5
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
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	22.81	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

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

n41 for FCC_Ant 2 PC2/PC3 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	518598	528000			
Frequency (MHz)				2546.91	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	
Channel				508200	518598	528998	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	
Channel				507204	518598	529998	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	

Channel				505200	518598	531998	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	17.98	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
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
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	17.83	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
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

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

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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				509202	518598	528000			
Frequency (MHz)				2546.01	2562.99	2640			
100	PI/2 BPSK	1	1	25.90	24.56	24.45	27.0	0.0	
100	PI/2 BPSK	1	137	26.80	25.64	25.36			
100	PI/2 BPSK	1	271	25.05	24.82	22.90			
100	PI/2 BPSK	135	69	26.20	24.87	25.41	27.0	0.0	
100	PI/2 BPSK	135	69	26.59	25.36	25.15			
100	PI/2 BPSK	135	138	26.00	25.29	24.21			
100	PI/2 BPSK	270	0	26.09	25.05	24.90	26.5	0.5	
100	QPSK	1	1	25.89	24.52	24.35	27.0	0.0	
100	QPSK	1	137	26.77	25.62	25.32			
100	QPSK	1	271	24.96	24.74	22.82			
100	QPSK	135	0	26.16	24.81	25.40	27.0	0.0	
100	QPSK	135	69	26.54	25.34	25.08			
100	QPSK	135	138	25.97	25.20	24.17			
100	QPSK	270	0	24.86	23.56	23.41	26.0	1.0	
100	16QAM	1	1	24.83	23.47	23.41	26.0	1.0	
100	16QAM	1	137	24.84	23.55	23.38			
100	16QAM	1	271	24.86	23.46	23.39			
100	16QAM	135	0	24.87	23.51	23.36	26.0	1.0	
100	16QAM	135	69	24.82	23.54	23.40			
100	16QAM	135	138	24.80	23.47	23.37			
100	16QAM	270	0	23.92	22.95	22.43	25.0	2.0	
100	64QAM	1	1	23.38	22.00	21.94	24.5	2.5	
100	64QAM	1	137	23.34	22.02	21.92			
100	64QAM	1	271	23.35	22.05	21.93			
100	64QAM	135	0	23.32	22.03	21.91	24.5	2.5	
100	64QAM	135	69	23.31	21.97	21.91			
100	64QAM	135	138	23.37	22.00	21.91			
100	64QAM	270	0	23.39	22.00	21.88	24.5	2.5	
Channel				508200	518598	528996			
Frequency (MHz)				2641	2658.99	2644.98			
90	PI/2 BPSK	1	1	25.87	24.50	24.35	27.0	0.0	
90	PI/2 BPSK	1	120	26.71	25.54	25.31			
90	PI/2 BPSK	1	243	25.02	24.79	22.88			
90	PI/2 BPSK	120	0	26.10	24.82	25.31	27.0	0.0	
90	PI/2 BPSK	120	60	26.55	25.34	25.12			
90	PI/2 BPSK	120	120	25.91	25.22	24.19			
90	PI/2 BPSK	240	0	26.02	25.04	24.84	26.5	0.5	
90	QPSK	1	1	25.86	24.43	24.30	27.0	0.0	
90	QPSK	1	120	26.70	25.58	25.25			
90	QPSK	1	243	24.92	24.70	22.72			
90	QPSK	120	0	26.06	24.76	25.35	27.0	0.0	
90	QPSK	120	60	26.50	25.31	24.98			
90	QPSK	120	120	25.92	25.20	24.14			
90	QPSK	240	0	24.81	23.55	23.37	26.0	1.0	
90	16QAM	1	1	24.74	23.39	23.34	26.0	1.0	
90	16QAM	1	120	24.77	23.50	23.36			
90	16QAM	1	243	24.81	23.44	23.30			
90	16QAM	120	0	24.84	23.41	23.26	26.0	1.0	
90	16QAM	120	60	24.75	23.54	23.38			
90	16QAM	120	120	24.76	23.44	23.31			
90	16QAM	240	0	23.75	22.47	22.35	25.0	2.0	
90	64QAM	1	1	23.32	22.00	21.87	24.5	2.5	
90	64QAM	1	120	23.25	21.96	21.84			
90	64QAM	1	243	23.30	22.02	21.84			
90	64QAM	120	0	23.30	21.99	21.90	24.5	2.5	
90	64QAM	120	60	23.31	21.95	21.86			
90	64QAM	120	120	23.29	22.00	21.81			
90	64QAM	240	0	23.37	21.92	21.81	24.5	2.5	
Channel				507204	518598	528998			
Frequency (MHz)				2636.02	2662.99	2649.99			
80	PI/2 BPSK	1	1	25.84	24.54	24.42	27.0	0.0	
80	PI/2 BPSK	1	109	26.75	25.60	25.35			
80	PI/2 BPSK	1	215	25.02	24.74	22.90			
80	PI/2 BPSK	108	0	26.14	24.85	25.39	27.0	0.0	
80	PI/2 BPSK	108	55	26.52	25.27	25.10			
80	PI/2 BPSK	108	109	25.98	25.25	24.13			
80	PI/2 BPSK	216	0	26.01	24.99	24.88	26.5	0.5	
80	QPSK	1	1	25.86	24.50	24.35	27.0	0.0	
80	QPSK	1	109	26.71	25.58	25.22			
80	QPSK	1	215	24.96	24.64	22.62			
80	QPSK	108	0	26.15	24.76	25.40	27.0	0.0	
80	QPSK	108	55	26.44	25.34	24.99			
80	QPSK	108	109	25.91	25.18	24.13			
80	QPSK	216	0	24.83	23.50	23.35	26.0	1.0	
80	16QAM	1	1	24.83	23.45	23.32	26.0	1.0	
80	16QAM	1	109	24.77	23.53	23.30			
80	16QAM	1	215	24.84	23.42	23.34			
80	16QAM	108	0	24.87	23.42	23.33	26.0	1.0	
80	16QAM	108	55	24.82	23.46	23.32			
80	16QAM	108	109	24.76	23.44	23.30			
80	16QAM	216	0	23.74	22.46	22.41	25.0	2.0	
80	64QAM	1	1	23.31	21.97	21.90	24.5	2.5	
80	64QAM	1	109	23.25	21.99	21.85			
80	64QAM	1	215	23.35	22.04	21.90			
80	64QAM	108	0	23.22	21.97	21.84	24.5	2.5	
80	64QAM	108	55	23.30	21.97	21.89			
80	64QAM	108	109	23.37	21.95	21.88			
80	64QAM	216	0	23.39	21.96	21.82	24.5	2.5	
Channel				506200	518598	531096			
Frequency (MHz)				2626	2662.99	2659.98			
60	PI/2 BPSK	1	1	25.85	24.48	24.35	27.0	0.0	
60	PI/2 BPSK	1	81	26.71	25.60	25.35			
60	PI/2 BPSK	1	160	25.01	24.78	22.86			
60	PI/2 BPSK	81	0	26.10	24.87	25.37	27.0	0.0	
60	PI/2 BPSK	81	42	26.52	25.27	25.07			
60	PI/2 BPSK	81	81	25.94	25.19	24.15			
60	PI/2 BPSK	162	0	26.01	25.04	24.85	26.5	0.5	
60	QPSK	1	1	25.89	24.50	24.25	27.0	0.0	
60	QPSK	1	81	26.68	25.62	25.23			
60	QPSK	1	160	24.86	24.68	22.81			
60	QPSK	81	0	26.13	24.74	25.31	27.0	0.0	
60	QPSK	81	42	26.52	25.29	25.08			
60	QPSK	81	81	25.90	25.14	24.10			
60	QPSK	162	0	24.78	23.47	23.32	26.0	1.0	
60	16QAM	1	1	24.77	23.49	23.33	26.0	1.0	
60	16QAM	1	81	24.79	23.50	23.31			
60	16QAM	1	160	24.86	23.38	23.35			
60	16QAM	81	0	24.81	23.42	23.29	26.0	1.0	
60	16QAM	81	42	24.80	23.44	23.32			
60	16QAM	81	81	24.78	23.43	23.36			
60	16QAM	162	0	23.77	22.47	22.39	25.0	2.0	
60	64QAM	1	1	23.35	21.90	21.92	24.5	2.5	
60	64QAM	1	81	23.26	21.89	21.90			
60	64QAM	1	160	23.32	22.02	21.84			
60	64QAM	81	0	23.32	22.00	21.88	24.5	2.5	
60	64QAM	81	42	23.31	21.88	21.83			
60	64QAM	81	81	23.29	21.95	21.85			
60	64QAM	162	0	23.37	21.96	21.85	24.5	2.5	

Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	25.83	24.54	24.43	27.0	0.0
50	PI/2 BPSK	1	67	26.73	25.63	25.31		
50	PI/2 BPSK	1	131	25.02	24.82	22.85		
50	PI/2 BPSK	64	0	26.16	24.85	25.41	27.0	0.0
50	PI/2 BPSK	64	35	26.50	25.33	25.11		
50	PI/2 BPSK	64	69	25.94	25.26	24.15		
50	PI/2 BPSK	128	0	26.04	24.99	24.80	26.5	0.5
50	QPSK	1	1	25.85	24.42	24.31	27.0	0.0
50	QPSK	1	67	26.76	25.52	25.30		
50	QPSK	1	131	24.96	24.67	22.82		
50	QPSK	64	0	26.16	24.73	25.40	27.0	0.0
50	QPSK	64	35	26.45	25.30	24.99		
50	QPSK	64	69	25.95	25.19	24.16		
50	16QAM	128	0	24.83	23.49	23.41	26.0	1.0
50	16QAM	1	1	24.79	23.44	23.35	26.0	1.0
50	16QAM	1	67	24.82	23.51	23.34		
50	16QAM	1	131	24.85	23.38	23.31		
50	16QAM	64	0	24.79	23.51	23.34	26.0	1.0
50	16QAM	64	35	24.72	23.44	23.32		
50	16QAM	64	69	24.76	23.44	23.27		
50	16QAM	128	0	23.72	22.54	22.39	25.0	2.0
50	64QAM	1	1	23.38	21.90	21.92	24.5	2.5
50	64QAM	1	67	23.26	21.94	21.89		
50	64QAM	1	131	23.26	22.04	21.84		
50	64QAM	64	0	23.31	21.95	21.84	24.5	2.5
50	64QAM	64	35	23.24	21.88	21.81		
50	64QAM	64	69	23.34	21.92	21.90		
50	64QAM	128	0	23.35	21.92	21.82	24.5	2.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2514.01	2592.99	2570		
40	PI/2 BPSK	1	1	25.98	24.47	24.40	27.0	0.0
40	PI/2 BPSK	1	53	26.74	25.54	25.33		
40	PI/2 BPSK	1	104	24.95	24.78	22.81		
40	PI/2 BPSK	50	0	26.12	24.79	25.40	27.0	0.0
40	PI/2 BPSK	50	28	26.59	25.28	25.11		
40	PI/2 BPSK	50	56	25.92	25.24	24.15		
40	PI/2 BPSK	100	0	26.08	25.05	24.87	26.5	0.5
40	QPSK	1	1	25.87	24.43	24.26	27.0	0.0
40	QPSK	1	53	26.76	25.55	25.34		
40	QPSK	1	104	24.92	24.68	22.77		
40	QPSK	50	0	26.13	24.79	25.39	27.0	0.0
40	QPSK	50	28	26.53	25.34	25.05		
40	QPSK	50	56	25.91	25.15	24.11		
40	QPSK	100	0	24.81	23.53	23.38	26.0	1.0
40	16QAM	1	1	24.80	23.41	23.39	26.0	1.0
40	16QAM	1	53	24.81	23.46	23.33		
40	16QAM	1	104	24.80	23.39	23.36		
40	16QAM	50	0	24.80	23.43	23.38	26.0	1.0
40	16QAM	50	28	24.77	23.47	23.33		
40	16QAM	50	56	24.77	23.39	23.34		
40	16QAM	100	0	23.78	22.52	22.40	25.0	2.0
40	64QAM	1	1	23.28	22.00	21.94	24.5	2.5
40	64QAM	1	53	23.24	21.97	21.91		
40	64QAM	1	104	23.28	22.05	21.86		
40	64QAM	50	0	23.32	22.01	21.82	24.5	2.5
40	64QAM	50	28	23.22	21.96	21.88		
40	64QAM	50	56	23.27	21.98	21.85		
40	64QAM	100	0	23.37	21.98	21.80	24.5	2.5
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	25.88	24.55	24.42	27.0	0.0
20	PI/2 BPSK	1	26	26.71	25.64	25.29		
20	PI/2 BPSK	1	49	24.96	24.73	22.90		
20	PI/2 BPSK	25	0	26.17	24.77	25.35	27.0	0.0
20	PI/2 BPSK	25	13	26.57	25.27	25.12		
20	PI/2 BPSK	25	26	26.00	25.25	24.14		
20	PI/2 BPSK	50	0	26.08	25.03	24.84	26.5	0.5
20	QPSK	1	1	25.83	24.49	24.31	27.0	0.0
20	QPSK	1	26	26.71	25.58	25.22		
20	QPSK	1	49	24.90	24.65	22.81		
20	QPSK	25	0	26.10	24.74	25.33	27.0	0.0
20	QPSK	25	13	26.49	25.28	25.05		
20	QPSK	25	26	25.89	25.14	24.11		
20	QPSK	50	0	24.78	23.48	23.35	26.0	1.0
20	16QAM	1	1	24.79	23.41	23.40	26.0	1.0
20	16QAM	1	26	24.84	23.53	23.30		
20	16QAM	1	49	24.78	23.39	23.35		
20	16QAM	25	0	24.80	23.42	23.28	26.0	1.0
20	16QAM	25	13	24.72	23.49	23.40		
20	16QAM	25	26	24.80	23.47	23.32		
20	16QAM	50	0	23.78	22.54	22.33	26.0	2.0
20	64QAM	1	1	23.34	21.95	21.91	24.5	2.5
20	64QAM	1	26	23.30	21.93	21.89		
20	64QAM	1	49	23.32	21.95	21.87		
20	64QAM	25	0	23.22	22.03	21.88	24.5	2.5
20	64QAM	25	13	23.28	21.95	21.82		
20	64QAM	25	26	23.35	21.90	21.81		
20	64QAM	50	0	23.34	21.96	21.80	24.5	2.5

CA_5B Ant1_DSI 2/4										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	22.76	24
20575	20476	QPSK	1	0	1	49	2	0	23.81	24
20600	20501	QPSK	1	0	1	49	2	0	23.77	24

CA_5B Ant2_DSI 2/4										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	22.35	23
20575	20476	QPSK	1	0	1	49	2	0	22.49	23
20600	20501	QPSK	1	0	1	49	2	0	22.57	23

CA_41C Ant1_DSI 2/4										
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	22.96	24
40185	39987	QPSK	1	0	1	99	2	0	23.31	24
40620	40422	QPSK	1	0	1	99	2	0	23.7	24
41055	40857	QPSK	1	0	1	99	2	0	23.8	24
41490	41292	QPSK	1	0	1	99	2	0	23.89	24

CA_41C Ant2_DSI 2/4										
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	23.16	23.5
40185	39987	QPSK	1	0	1	99	2	0	22.94	23.5
40620	40422	QPSK	1	0	1	99	2	0	23.1	23.5
41055	40857	QPSK	1	0	1	99	2	0	22.75	23.5
41490	41292	QPSK	1	0	1	99	2	0	22.16	23.5

CA_66B Ant1_DSI 2/4										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	22.76	24
132322	132229	QPSK	1	0	1	24	2	0	23.47	24
132597	132504	QPSK	1	0	1	24	2	0	23.35	24

CA_66B Ant2_DSI 2/4										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	21.41	22
132322	132229	QPSK	1	0	1	24	2	0	21.4	22
132597	132504	QPSK	1	0	1	24	2	0	21.25	22



CA_66C Ant1_DSI 2/4										
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				
132072	132270	QPSK	1	0	0	0	1	0	23.16	24
132322	132124	QPSK	1	0	1	99	2	0	23.83	24
132572	132374	QPSK	1	0	1	99	2	0	23.73	24

CA_66C Ant2_DSI 2/4										
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				
132072	132270	QPSK	1	0	0	0	1	0	21.5	22
132322	132124	QPSK	1	0	1	99	2	0	21.45	22
132572	132374	QPSK	1	0	1	99	2	0	21.35	22



CA_5B Ant1_DSI 3										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	22.47	24
20575	20476	QPSK	1	0	1	49	2	0	22.75	24
20600	20501	QPSK	1	0	1	49	2	0	22.77	24

CA_5B Ant2_DSI 3										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	21.33	23
20575	20476	QPSK	1	0	1	49	2	0	21.5	23
20600	20501	QPSK	1	0	1	49	2	0	21.51	23



CA_41C Ant1_DSI 3										
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	20.55	21.1
40185	39987	QPSK	1	0	1	99	2	0	20.31	21.1
40620	40422	QPSK	1	0	1	99	2	0	20.8	21.1
41055	40857	QPSK	1	0	1	99	2	0	20.91	21.1
41490	41292	QPSK	1	0	1	99	2	0	20.97	21.1

CA_41C Ant2_DSI 3										
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	19.16	19.8
40185	39987	QPSK	1	0	1	99	2	0	18.96	19.8
40620	40422	QPSK	1	0	1	99	2	0	19.07	19.8
41055	40857	QPSK	1	0	1	99	2	0	18.77	19.8
41490	41292	QPSK	1	0	1	99	2	0	18.15	19.8



CA_66B_Ant1_DSI 3										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	20.64	22
132322	132229	QPSK	1	0	1	24	2	0	20.6	22
132597	132504	QPSK	1	0	1	24	2	0	20.47	22

CA_66B_Ant2_DSI 3										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	20.42	22
132322	132229	QPSK	1	0	1	24	2	0	20.34	22
132597	132504	QPSK	1	0	1	24	2	0	20.34	22



CA_66C Ant1_DSI 3										
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				
132072	132270	QPSK	1	0	0	0	1	0	20.67	22
132322	132124	QPSK	1	0	1	99	2	0	20.65	22
132572	132374	QPSK	1	0	1	99	2	0	20.59	22

CA_66C Ant2_DSI 3										
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				
132072	132270	QPSK	1	0	0	0	1	0	20.5	22
132322	132124	QPSK	1	0	1	99	2	0	20.51	22
132572	132374	QPSK	1	0	1	99	2	0	20.45	22



CA_5B_Ant1_DSI 5										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	22.38	24
20575	20476	QPSK	1	0	1	49	2	0	22.65	24
20600	20501	QPSK	1	0	1	49	2	0	22.68	24

CA_5B_Ant2_DSI 5										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	21.43	23
20575	20476	QPSK	1	0	1	49	2	0	21.51	23
20600	20501	QPSK	1	0	1	49	2	0	21.58	23



CA_41C Ant1_DSI 5										
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	18.66	19.1
40185	39987	QPSK	1	0	1	99	2	0	18.44	19.1
40620	40422	QPSK	1	0	1	99	2	0	18.92	19.1
41055	40857	QPSK	1	0	1	99	2	0	19.02	19.1
41490	41292	QPSK	1	0	1	99	2	0	19.05	19.1

CA_41C Ant2_DSI 5										
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	20.68	21
40185	39987	QPSK	1	0	1	99	2	0	20.44	21
40620	40422	QPSK	1	0	1	99	2	0	20.56	21
41055	40857	QPSK	1	0	1	99	2	0	20.25	21
41490	41292	QPSK	1	0	1	99	2	0	19.66	21



CA_66B Ant1_DSI 5										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	18.91	20.6
132322	132229	QPSK	1	0	1	24	2	0	18.85	20.6
132597	132504	QPSK	1	0	1	24	2	0	18.81	20.6

CA_66B Ant2_DSI 5										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	20.4	22
132322	132229	QPSK	1	0	1	24	2	0	20.38	22
132597	132504	QPSK	1	0	1	24	2	0	20.33	22



CA_66C_Ant1_DSI 5										
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				
132072	132270	QPSK	1	0	0	0	1	0	18.92	20.6
132322	132124	QPSK	1	0	1	99	2	0	18.98	20.6
132572	132374	QPSK	1	0	1	99	2	0	18.95	20.6

CA_66C_Ant2_DSI 5										
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				
132072	132270	QPSK	1	0	0	0	1	0	20.54	22
132322	132124	QPSK	1	0	1	99	2	0	20.45	22
132572	132374	QPSK	1	0	1	99	2	0	20.39	22



CA_5B_Ant1_DSI 6										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	23.6	24
20575	20476	QPSK	1	0	1	49	2	0	23.57	24
20600	20501	QPSK	1	0	1	49	2	0	23.61	24

CA_5B_Ant2_DSI 6										
Combination 10MHz+10MHz (50RB+50RB)										
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				
20450	20549	QPSK	1	0	0	0	1	0	22.35	23
20575	20476	QPSK	1	0	1	49	2	0	22.49	23
20600	20501	QPSK	1	0	1	49	2	0	22.57	23



CA_41C Ant1_DSI 6										
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	22.45	24
40185	39987	QPSK	1	0	1	99	2	0	22.2	24
40620	40422	QPSK	1	0	1	99	2	0	22.7	24
41055	40857	QPSK	1	0	1	99	2	0	22.62	24
41490	41292	QPSK	1	0	1	99	2	0	22.85	24

CA_41C Ant2_DSI 6										
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	24.16	23.5
40185	39987	QPSK	1	0	1	99	2	0	23.94	23.5
40620	40422	QPSK	1	0	1	99	2	0	24.1	23.5
41055	40857	QPSK	1	0	1	99	2	0	23.75	23.5
41490	41292	QPSK	1	0	1	99	2	0	23.16	23.5



CA_66B Ant1_DSI 6										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	23.41	24
132322	132229	QPSK	1	0	1	24	2	0	23.32	24
132597	132504	QPSK	1	0	1	24	2	0	23.27	24

CA_66B Ant2_DSI 6										
Combination 15MHz+5MHz (75RB+25RB)										
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				
132047	132140	QPSK	1	0	0	0	1	0	21.41	22
132322	132229	QPSK	1	0	1	24	2	0	21.4	22
132597	132504	QPSK	1	0	1	24	2	0	21.25	22



CA_66C_Ant1_DSI 6										
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				
132072	132270	QPSK	1	0	0	0	1	0	23.48	24
132322	132124	QPSK	1	0	1	99	2	0	23.41	24
132572	132374	QPSK	1	0	1	99	2	0	23.35	24

CA_66C_Ant2_DSI 6										
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				
132072	132270	QPSK	1	0	0	0	1	0	21.5	22
132322	132124	QPSK	1	0	1	99	2	0	21.45	22
132572	132374	QPSK	1	0	1	99	2	0	21.35	22

2 CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	Contiguous	4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	22.87	22.91
		12B	12	10	707.5	23095	QPSK	1	0	12	5	745.0	5102	22.67	22.73
		38C	38	20	2580	37850	QPSK	1	0	38	20	2600.0	38048	22.86	22.87

3CC

Configure		CA Configuration (BCS)	PCC						SCC				SCC2				Power		
			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	Contiguous	2C-12A	2	20	1860	18700	QPSK	1	0	2	20	2138	898	12	10	737.5	5095	23.02	23.02
		2A-2A-13A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	13	10	751	5230	22.99	23.02
		2A-4A-13A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	23.02	23.02
		2A-4A-29A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	29	10	722.5	9715	22.93	23.02
		2A-4A-30A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	30	10	2355	9820	22.92	23.02
		2A-4A-71A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	71	20	634.5	68761	22.78	22.85
		2A-12B	2	20	1860	18700	QPSK	1	0	12	10	737.5	5095	12	10	2197.5	67311	22.97	23.02
		2A-29A-66A	2	20	1860	18700	QPSK	1	0	29	10	2138	898	29	10	722.5	9715	22.98	23.02
		2A-46A-66A	2	20	1860	18700	QPSK	1	0	46	20	5537.5	50665	46	20	2155	66886	22.95	23.02
		4A-4A-7A	4	20	1732.5	20175	QPSK	1	0	4	20	2152	2373	7	20	2655	3100	22.88	22.91
		4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	20	2152	2373	13	10	751	5230	22.85	22.91
		4A-4A-29A	4	20	1732.5	20175	QPSK	1	0	4	20	2152	2373	29	10	722.5	9715	22.83	22.91
		4A-4A-30A	4	20	1732.5	20175	QPSK	1	0	4	20	2152	2373	30	10	2355	9820	22.90	22.91
		4A-4A-71A	4	20	1732.5	20175	QPSK	1	0	4	20	2152	2373	71	20	634.5	68761	22.88	22.91
		4A-5A-30A	4	20	1732.5	20175	QPSK	1	0	5	10	2147	2319	30	10	2197.5	67311	22.83	22.91
		4A-12B	4	20	1732.5	20175	QPSK	1	0	12	10	2147	2319	12	10	2174.8	67084	22.90	22.91
		4A-12A-30A	4	20	1732.5	20175	QPSK	1	0	12	10	2147	2319	30	10	2355	9820	22.84	22.91
		4A-29A-30A	4	20	1732.5	20175	QPSK	1	0	29	10	2147	2319	30	10	2355	9820	22.84	22.91
		7A-12A-66A	7	20	2535	21100	QPSK	1	0	12	10	2669	3244	66	20	2155	66886	23.15	23.22
		12A-66C	12	10	707.5	23095	QPSK	1	0	66	20	752	5239	66	20	2155	66886	22.08	22.08
		13A-66A-66A	13	10	782	23230	QPSK	1	0	66	20	765	5374	66	20	2155	66886	22.40	22.43
		26A-41C	26	15	831.5	26865	QPSK	1	0	41	20	894	9036	41	20	2593	40620	22.67	22.65
		66A-66C	66	20	1720	132072	QPSK	1	0	66	20	2140	67374	66	20	2155	66886	22.85	22.88
		66C-71A	66	20	1720	132072	QPSK	1	0	66	20	2174.8	67084	71	20	634.5	68761	22.89	22.88
		66A-66A-71A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	71	20	634.5	68761	22.91	22.88
		66A-66A-66A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	66	20	2190	67236	22.90	22.88
Intra-Band	Non-Contiguous	41A-41A-41A	41	20	2593	40620	QPSK	1	0	41	20	2680	41490	41	20	2680	41490	22.95	22.99
		6BD	66	20	1745	132322	QPSK	1	0	66	20	2175	132520	66	20	2195	132718	22.90	22.88

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	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 Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	Contiguous	2A-2A-12A-30A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	12	10	737.5	5095	30	10	2355	9820	22.95	23.02
		2A-2A-12A-66A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	12	10	737.5	5095	66	20	2155	66886	22.95	23.02
		2A-2A-14A-66A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	14	10	763	5330	66	20	2155	66886	22.99	23.02
		2A-2A-29A-30A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	29	10	722.5	9715	30	10	2355	9820	23.01	23.02
		2A-2A-30A-66A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	30	10	2355	9820	66	20	2155	66886	23.01	23.02
		2A-2A-46C	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	46	20	5537.5	50665	46	20	5557.3	50863	22.95	23.02
		2C-66A-66A	2	20	1860	18700	QPSK	1	0	2	20	719.8	2138	66	20	2155	66886	66	20	2190	67236	23.02	23.02
		2A-2A-66B	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	66	20	2155	66886	66	20	2175	67084	22.96	23.02
		2A-2A-66C	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	66	20	2155	66886	66	20	2175	67084	22.93	23.02
		2A-2A-66A-66A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	66	20	2155	66886	66	20	2190	67236	22.99	23.02
		2A-2A-66A-71A	2	20	1860	18700	QPSK	1	0	2	20	1980	1100	66	20	2155	66886	71	20	634.5	68761	22.95	23.02
		2A-4A-4A-12A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	4	20	2145	2300	12	10	737.5	5095	22.96	23.02
		2A-12A-66C	2	20	1860	18700	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	20	2175	67084	22.95	23.02
		2A-12A-66A-66A	2	20	1860	18700	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	20	2190	67236	22.97	23.02
		2A-13A-46C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	46	20	5537.5	50665	46	20	5557.3	50863	22.92	23.02
		2A-13A-48C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	48	20	3625	55990	48	20	3645	66188	23.01	23.02
		2A-13A-66C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2175	67084	22.97	23.02
		2A-14A-66A-66A	2	20	1860	18700	QPSK	1	0	14	10	763	5330	66	20	2155	66886	66	20	2190	67236	22.96	23.02
		2A-30A-66A-66A	2	20	1860	18700	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	20	2190	67236	22.92	23.02
		2A-46D	2	20	1860	18700	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	22.95	23.02
		2A-46A-46C	2	20	1860	18700	QPSK	1	0	46	20	5537.5	50665	46	20	5925	54539	46	20	5945	54737	22.96	23.02
		2A-46C-66A	2	20	1860	18700	QPSK	1	0	46	20	5925	54539	46	20	5945	54737	66	20	2155	66886	22.99	23.02
		2A-48D	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	20	3645	66188	48	20	3665	66386	22.97	23.02
		2A-48A-48C	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	20	3700	56739	48	20	3645	66188	22.93	23.02
		2A-48C-66A	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	20	3645	66188	66	20	2190	67236	22.93	23.02
		2A-66C-71A	2	20	1860	18700	QPSK	1	0	66	20	2155	66886	66	20	2175	67084	71	20	634.5	68761	22.95	23.02
		2A-66A-66A-71A	2	20	1860	18700	QPSK	1	0	66	20	2155	66886	66	20	2190	67236	71	20	634.5	68761	22.98	23.02
4A-4A-12A-30A	4	20	1732.5	20175	QPSK	1	0	4	20	2145	2300	12	10	737.5	5095	30	10	2355	9820	22.89	22.91		
4A-46D	4	20	1732.5	20175	QPSK	1	0	46	20	5537.5	50665	46	20	3665	66386	46	20	3685	66584	22.86	22.91		
4A-46A-46C	4	20	1732.5	20175	QPSK	1	0	46	20	5537.5	50665	46	20	5925	54539	46	20	5945	54737	22.90	22.91		
4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3645	66188	48	20	3665	66386	22.83	22.91		
13A-46D	13	10	782	23230	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	22.41	22.43		
13A-46C-66A	13	10	782	23230	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	66	20	2155	66886	22.36	22.43		
13A-48D	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3645	66188	48	20	3665	66386	22.39	22.43		
13A-48A-48C	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3700	56739	48	20	3645	66188	22.33	22.43		
13A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3645	66188	66	20	2155	66886	22.35	22.43		
13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	66	20	2175	67084	22.35	22.43		
41A-41D	41	20	2593	40620	QPSK	1	0	41	20	2680	41490	41	20	2613	40818	41	20	2633	41016	22.90	22.99		
41C-41C	41	20	2593	40620	QPSK	1	0	41	20	2613	40818	41	20	2680	41490	41.00	20.00	2613	40818	22.97	22.99		
Intra-Band	Non-Contiguous																						
	Contiguous	41E	41	20	2593	40620	QPSK	1	0	41	20	2613	40818	41	20	2633	41016	41.00	20.00	2653	41214	22.95	22.99



Power Table 1/3/4/5						
2.4GHz WLAN	Ant 4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	19.90	20.50	
		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	

5GHz WLAN	Ant 4					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	19.40	20.00	
	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	19.50	20.00	
	802.11ac-VHT80 MCS0	42	5210	12.20	13.00	91.84

5GHz WLAN	Ant 4					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
	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					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
	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

5GHz WLAN	Ant 4					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	5795	19.00	20.50	95.88
		159	5795	19.20	20.50	
	802.11ac-VHT20 MCS0	149	5745	19.30	20.50	97.94
		157	5785	19.40	20.50	
		165	5825	19.10	20.50	
	802.11ac-VHT40 MCS0	151	5755	18.70	20.00	95.88
		159	5795	18.70	20.00	
	802.11ac-VHT80 MCS0	155	5775	18.40	20.00	91.84

2.4GHz WLAN	Ant 4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		11	2462		9.00	
	802.11n-HT20 MCS0	1	2412		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	

5GHz WLAN	Ant 4					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	Not Required	10.50	98.06
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT20 MCS0	36	5180		10.50	98.19
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT40 MCS0	38	5190		10.50	95.88
		46	5230		10.50	
	802.11ac-VHT20 MCS0	36	5180		10.50	97.94
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11ac-VHT40 MCS0	38	5190		10.50	95.88
		46	5230		10.50	
	802.11ac-VHT80 MCS0	42	5210	9.23	10.50	91.84

5GHz WLAN	Ant 4					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
	802.11ac-VHT20 MCS0	52	5260		15.50	97.94
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11ac-VHT40 MCS0	54	5270		15.50	95.88
		62	5310		15.50	
	802.11ac-VHT80 MCS0	58	5290	15.13	15.50	91.84

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



Power Table 7						
2.4GHz WLAN	Ant 4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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	
		11	2462		9.00	
	802.11n-HT20 MCS9	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 MCS9	3	2422	Not Required	9.00	93.33
		6	2437		9.00	
		9	2452		9.00	

Power Table 8						
2.4GHz WLAN	Ant 4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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	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 MCS9	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 MCS9	3	2422	Not Required	12.50	93.33
		6	2437		12.50	
		9	2452		12.50	

Power Table 9						
2.4GHz WLAN	Ant 4					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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	Not Required	15.50	98.06
		2	2417		18.00	
		6	2437		18.00	
		10	2457		18.00	
		11	2462		14.50	
	802.11n-HT20 MCS9	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 MCS9	3	2422	Not Required	15.50	93.33
		6	2437		15.50	
		9	2452		13.00	

5GHz WLAN						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	Not Required	15.50	98.06
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS9	36	5180	Not Required	15.50	98.19
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT40 MCS9	38	5190	Not Required	15.50	95.88
		46	5230		15.50	
	802.11ac-VHT20 MCS9	36	5180	Not Required	15.50	97.94
		40	5200		15.50	
		44	5220		15.50	
	802.11ac-VHT40 MCS9	48	5240	Not Required	15.50	95.88
		38	5190		15.50	
	802.11ac-VHT80 MCS9	46	5230	Not Required	15.50	91.84
		42	5210		15.50	

5GHz WLAN						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	Not Required	12.50	98.06
		40	5200		12.50	
		44	5220		12.50	
		48	5240		12.50	
	802.11n-HT20 MCS9	36	5180	Not Required	12.50	98.19
		40	5200		12.50	
		44	5220		12.50	
		48	5240		12.50	
	802.11n-HT40 MCS9	38	5190	Not Required	12.50	95.88
		46	5230		12.50	
	802.11ac-VHT20 MCS9	36	5180	Not Required	12.50	97.94
		40	5200		12.50	
		44	5220		12.50	
	802.11ac-VHT40 MCS9	48	5240	Not Required	12.50	95.88
		38	5190		12.50	
	802.11ac-VHT80 MCS9	46	5230	Not Required	12.50	91.84
		42	5210		11.40	

5GHz WLAN						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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 MCS9	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 MCS9	38	5190	13.40	14.00	95.88
		46	5230	17.86	18.50	
	802.11ac-VHT20 MCS9	36	5180	16.80	17.50	97.94
		40	5200	16.62	17.50	
		44	5220	17.20	17.50	
	802.11ac-VHT40 MCS9	48	5240	16.90	17.50	95.88
		38	5190	13.60	14.00	
	802.11ac-VHT80 MCS9	46	5230	17.91	18.50	91.84
		42	5210	12.20	13.00	

5GHz WLAN						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	Not Required	10.50	98.06
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT20 MCS9	52	5260	Not Required	10.50	98.19
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT40 MCS9	54	5270	Not Required	10.50	95.88
		62	5310		10.50	
	802.11ac-VHT20 MCS9	52	5260	Not Required	10.50	97.94
		56	5280		10.50	
		60	5300		10.50	
	802.11ac-VHT40 MCS9	64	5320	Not Required	10.50	95.88
		54	5270		10.50	
	802.11ac-VHT80 MCS9	62	5310	Not Required	10.50	91.84
		58	5290		10.36	

5GHz WLAN						
5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	Not Required	12.00	98.06
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT20 MCS9	52	5260	Not Required	12.00	98.19
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT40 MCS9	54	5270	Not Required	12.00	95.88
		62	5310		12.00	
	802.11ac-VHT20 MCS9	52	5260	Not Required	12.00	97.94
		56	5280		12.00	
		60	5300		12.00	
	802.11ac-VHT40 MCS9	64	5320	Not Required	12.00	95.88
		54	5270		12.00	
	802.11ac-VHT80 MCS9	62	5310	Not Required	12.00	91.84
		58	5290		11.23	

5GHz WLAN		Ant 4				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-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 MCS9	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 MCS9	54	5270	16.98	18.00	95.88
		62	5310	14.80	15.50	
	802.11ac-VHT20 MCS9	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 MCS9	54	5270	19.00	20.00	95.88	
	62	5310	14.80	15.50		
802.11ac-VHT80 MCS9	58	5290	14.20	15.00	91.84	



Power Table 1/3/4/5						
2.4GHz WLAN		Ant 3				
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	18.00	
		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	18.00	
		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	

5GHz WLAN						
		Ant 3				
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		48	5240	17.10	17.50	
	802.11n-HT40 MCS0	38	5190	13.40	14.00	95.85
		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	38	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

5GHz WLAN						
		Ant 3				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		64	5320	17.00	17.50	
	802.11n-HT40 MCS0	54	5270	19.20	20.00	95.85
		62	5310	14.80	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	68	5290	14.50	15.00	92.00

5GHz WLAN						
		Ant 3				
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		100	5500	17.20	17.50	
	802.11n-HT20 MCS0	116	5580	17.40	17.50	97.93
		124	5620	17.38	17.50	
		132	5660	17.15	17.50	
		140	5700	17.40	17.50	
		144	5720	17.40	17.50	
		102	5510	16.90	18.00	
		110	5550	19.50	20.00	
	802.11n-HT40 MCS0	126	5630	19.63	20.00	95.85
		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	
	802.11ac-VHT40 MCS0	144	5720	17.30	17.50	96.41
		102	5510	17.20	18.00	
		110	5550	19.30	20.00	
		126	5630	19.23	20.00	
	802.11ac-VHT80 MCS0	134	5670	19.80	20.00	92.00
		142	5710	19.70	20.00	
		106	5530	16.30	17.00	
		122	5610	19.00	19.50	
		138	5690	19.10	19.50	

5GHz WLAN						
		Ant 3				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	20.20	21.00	97.09
		157	5785	20.30	21.00	
		165	5825	20.50	21.00	
	802.11n-HT20 MCS0	149	5745	20.50	20.50	97.93
		157	5785	20.40	20.50	
		165	5825	20.20	20.50	
	802.11n-HT40 MCS0	151	5755	20.10	20.50	95.85
		159	5795	20.00	20.50	
	802.11ac-VHT20 MCS0	149	5745	20.40	20.50	97.15
		157	5785	20.30	20.50	
		165	5825	20.10	20.50	
	802.11ac-VHT40 MCS0	151	5755	19.60	20.00	96.41
		159	5795	19.70	20.00	
	802.11ac-VHT80 MCS0	155	5775	19.40	20.00	92.00

Power Table 2						
2.4GHz WLAN		Ant 3				
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		11	2462		9.00	
	802.11n-HT40 MCS0	3	2422		9.00	94.90
		6	2437		9.00	
		9	2452		9.00	

5GHz WLAN						
		Ant 3				
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		48	5240		10.50	
	802.11n-HT40 MCS0	38	5190		10.50	95.85
		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
		46	5230		10.50	
	802.11ac-VHT80 MCS0	42	5210	9.89	10.50	92.00

5GHz WLAN						
		Ant 3				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	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	
		64	5320		15.50	
	802.11n-HT40 MCS0	54	5270		15.50	95.85
		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



Power Table 7						
2.4GHz WLAN	Ant 3					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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	Not Required	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	Not Required	9.00	94.90
		6	2437		9.00	
		9	2452		9.00	

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

5GHz WLAN	Ant 3					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	Not Required	10.50	97.09
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT20 MCS0	52	5260	Not Required	10.50	97.93
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT40 MCS0	54	5270	Not Required	10.50	95.85
		62	5310		10.50	
	802.11ac-VHT20 MCS0	52	5260	Not Required	10.50	97.15
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11ac-VHT40 MCS0	54	5270	Not Required	10.50	96.41
		62	5310		10.50	
	802.11ac-VHT80 MCS0	58	5290	9.50	10.50	92.00

5GHz WLAN	Ant 3					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	Not Required	10.00	97.09
		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	Not Required	10.00	97.93
		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	Not Required	10.00	95.85
		110	5550		10.00	
		126	5630		10.00	
		134	5670		10.00	
		142	5710		10.00	
		100	5500	Not Required	10.00	97.15
	802.11ac-VHT20 MCS0	116	5580		10.00	
		124	5620		10.00	
		132	5660		10.00	
		140	5700		10.00	
		144	5720		10.00	
	802.11ac-VHT40 MCS0	102	5510	Not Required	10.00	96.41
		110	5550		10.00	
		126	5630		10.00	
		134	5670		10.00	
		142	5710		10.00	
	802.11ac-VHT80 MCS0	106	5530	8.92	10.00	92.00
		122	5610	8.50	10.00	
		138	5690	8.62	10.00	

5GHz WLAN	Ant 3					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	Not Required	11.00	97.09
		157	5785		11.00	
		165	5825		11.00	
	802.11n-HT20 MCS0	149	5745	Not Required	11.00	97.93
		157	5785		11.00	
		165	5825		11.00	
	802.11n-HT40 MCS0	151	5755	Not Required	11.00	95.85
		159	5795		11.00	
	802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	97.15
		157	5785		11.00	
		165	5825		11.00	
	802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	96.41
		159	5795		11.00	
	802.11ac-VHT80 MCS0	155	5775	10.33	11.00	92.00

2.4GHz WLAN	Ant 3					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	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	Not Required	12.50	98.18
		2	2417		12.50	
		6	2437		12.50	
		10	2457		12.50	
		11	2462		12.50	
	802.11n-HT40 MCS0	3	2422	Not Required	12.50	94.90
		6	2437		12.50	
		9	2452		12.50	

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

5GHz WLAN	Ant 3					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	Not Required	12.00	97.09
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT20 MCS0	52	5260	Not Required	12.00	97.93
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT40 MCS0	54	5270	Not Required	12.00	95.85
		62	5310		12.00	
	802.11ac-VHT20 MCS0	52	5260	Not Required	12.00	97.15
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11ac-VHT40 MCS0	54	5270	Not Required	12.00	96.41
		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)	Turn-Up Limit	Duty Cycle %
5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	12.00	97.09
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
		144	5720		12.00	
	802.11n-HT20 MCS0	100	5500		12.00	97.93
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
		144	5720		12.00	
	802.11n-HT40 MCS0	102	5510		12.00	95.85
		110	5550		12.00	
		126	5630		12.00	
		134	5670		12.00	
		142	5710		12.00	
		100	5500		12.00	
	802.11ac-VHT20 MCS0	116	5580		12.00	97.15
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
		144	5720		12.00	
		102	5510		12.00	
802.11ac-VHT40 MCS0	110	5550	12.00	96.41		
	126	5630	12.00			
	134	5670	12.00			
	142	5710	12.00			
802.11ac-VHT80 MCS0	106	5530	11.32	12.00	92.00	
	122	5610	11.31	12.00		
	138	5690	11.30	12.00		



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	23.98	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	18.27	18.50	93.91
		6	2437	17.25	18.50	
		9	2452	15.23	16.00	

5GHz WLAN						
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	
	802.11ac-VHT20 MCS0	36	5180	19.61	20.50	97.15
		40	5200	19.76	20.50	
		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						
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	58	5290	17.36	18.00	91.84

5GHz WLAN						
5GHz WLAN		Ant 3+4				
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5590	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	5590	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	5590	20.01	20.50	97.15
	802.11ac-VHT20 MCS0	116	5580	19.84	20.50	
		124	5620	19.90	20.50	
		132	5660	19.78	20.50	
		140	5700	19.80	20.50	
		144	5720	19.84	20.50	
	802.11ac-VHT40 MCS0	102	5510	20.16	21.00	95.88
		110	5550	22.21	23.00	
		126	5630	22.39	23.00	
		134	5670	22.43	23.00	
		142	5710	22.37	23.00	
	802.11ac-VHT80 MCS0	106	5530	19.31	20.00	91.84
		122	5610	21.58	22.50	
		138	5690	21.68	22.50	

5GHz WLAN						
5GHz 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

Power Table 2						
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						
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	
	802.11ac-VHT20 MCS0	36	5180		13.50	97.15
		40	5200		13.50	
		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						
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				



Power Table 7						
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	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 MCS0	3	2422	Not Required	12.00	93.91
		6	2437		12.00	
		9	2452		12.00	

5GHz WLAN						
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	10.50	97.35
		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	
		48	5240		10.50	
	802.11n-HT40 MCS0	38	5190		10.50	95.85
		46	5230		10.50	
	802.11ac-VHT20 MCS0	36	5180		10.50	97.15
		40	5200		10.50	
		44	5220		10.50	
	802.11ac-VHT40 MCS0	48	5240		10.50	95.88
		38	5190		10.50	
	802.11ac-VHT80 MCS0	46	5230		10.50	91.84
		42	5210		10.50	

5GHz WLAN						
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	13.50	97.35
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT20 MCS0	52	5260		13.50	97.93
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT40 MCS0	54	5270		13.50	95.85
		62	5310		13.50	
	802.11ac-VHT20 MCS0	52	5260		13.50	97.15
		56	5280		13.50	
		60	5300		13.50	
	802.11ac-VHT40 MCS0	64	5320		13.50	95.88
		54	5270		13.50	
	802.11ac-VHT80 MCS0	62	5310		13.50	91.84
		58	5290		13.01	

5GHz WLAN						
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	13.00	97.35
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
		144	5720		13.00	
	802.11n-HT20 MCS0	100	5500		13.00	97.93
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
		144	5720		13.00	
	802.11n-HT40 MCS0	102	5510		13.00	95.85
		110	5550		13.00	
		126	5630		13.00	
		134	5670		13.00	
		142	5710		13.00	
		100	5500		13.00	
	802.11ac-VHT20 MCS0	116	5580		13.00	97.15
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
		144	5720		13.00	
		102	5510		13.00	
	802.11ac-VHT40 MCS0	110	5550		13.00	95.88
		126	5630		13.00	
		134	5670		13.00	
		142	5710		13.00	
		106	5530		12.34	
		122	5610		12.07	
	802.11ac-VHT80 MCS0	138	5690		12.11	91.84
		130	5670		13.00	

5GHz WLAN						
5GHz WLAN		Ant 3+4				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	Not Required	14.00	97.35
		157	5785		14.00	
		165	5825		14.00	
	802.11n-HT20 MCS0	149	5745		14.00	97.93
		157	5785		14.00	
		165	5825		14.00	
	802.11n-HT40 MCS0	151	5755		14.00	95.85
		159	5795		14.00	
	802.11ac-VHT20 MCS0	149	5745		14.00	97.15
		157	5785		14.00	
		165	5825		14.00	
	802.11ac-VHT40 MCS0	151	5755		14.00	95.88
		159	5795		14.00	
	802.11ac-VHT80 MCS0	155	5775		12.45	91.84
		150	5760		14.00	

Power Table 8						
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	14.70	15.50	100.00
		6	2437	14.60	15.50	
		11	2462	14.77	15.50	
	802.11g 6Mbps	1	2412	Not Required	15.50	97.58
		2	2417		15.50	
		6	2437		15.50	
		10	2457		15.50	
		11	2462		15.50	
	802.11n-HT20 MCS0	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 MCS0	3	2422	Not Required	15.50	93.91
		6	2437		15.50	
		9	2452		15.50	

5GHz WLAN						
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	15.50	97.35
		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	
		48	5240		15.50	
	802.11n-HT40 MCS0	38	5190		15.50	95.85
		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	95.88
		38	5190		15.50	
	802.11ac-VHT80 MCS0	46	5230		15.50	91.84
		42	5210		15.49	

5GHz WLAN						
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	15.00	97.35
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n-HT20 MCS0	52	5260		15.00	97.93
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n-HT40 MCS0	54	5270		15.00	95.85
		62	5310		15.00	
	802.11ac-VHT20 MCS0	52	5260		15.00	97.15
		56	5280		15.00	
		60	5300		15.00	