10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	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	AAC	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	AAC	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	AAC	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	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

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

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

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power level/Default Power level for WWAN

GSM850 Ant 1 DSI 1&3&4&5

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.92	32.97	32.95	33.50	23.92	23.97	23.95	24.50
GPRS 1 Tx slot	32.91	32.96	32.94	33.50	23.91	23.96	23.94	24.50
GPRS 2 Tx slots	29.48	29.46	29.42	30.50	23.48	23.46	23.42	24.50
GPRS 3 Tx slots	27.30	27.34	27.36	28.50	23.04	23.08	23.10	24.24
GPRS 4 Tx slots	26.01	26.03	25.99	27.50	23.01	23.03	22.99	24.50
EDGE 1 Tx slot	26.53	26.75	26.65	27.50	17.53	17.75	17.65	18.50
EDGE 2 Tx slots	23.27	23.60	23.31	24.50	17.27	17.60	17.31	18.50
EDGE 3 Tx slots	21.68	21.76	21.61	22.50	17.42	17.50	17.35	18.24
EDGE 4 Tx slots	20.29	20.27	20.24	21.50	17.29	17.27	17.24	18.50

WCDMA V Ant 1 DSI 1&3&4&5

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.89	24.85	25.50
3GPP Rel 99	RMC 12.2Kbps	24.87	24.90	24.86	25.50
3GPP Rel 6	HSDPA Subtest-1	23.95	24.03	23.88	24.50
3GPP Rel 6	HSDPA Subtest-2	23.95	24.03	23.90	24.50
3GPP Rel 6	HSDPA Subtest-3	23.50	23.50	23.41	24.00
3GPP Rel 6	HSDPA Subtest-4	23.44	23.52	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.89	24.04	23.82	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.90	24.02	23.93	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.45	23.44	23.42	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.45	23.52	23.30	24.00
3GPP Rel 6	HSUPA Subtest-1	23.91	23.99	23.86	24.50
3GPP Rel 6	HSUPA Subtest-2	21.92	21.98	21.85	22.50
3GPP Rel 6	HSUPA Subtest-3	22.91	22.97	22.86	23.50
3GPP Rel 6	HSUPA Subtest-4	21.92	21.99	21.85	22.50
3GPP Rel 6	HSUPA Subtest-5	23.90	24.00	23.90	24.50

Band 5_Ant1 DSI1&3&4&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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.57	23.68	23.56	24.5	0
10	QPSK	1	25	23.44	23.48	23.29		
10	QPSK	1	49	23.45	23.33	23.24		
10	QPSK	25	0	22.40	22.60	22.34	23.5	1
10	QPSK	25	12	22.48	22.59	22.46		
10	QPSK	25	25	22.50	22.50	22.39		
10	QPSK	50	0	22.46	22.57	22.49		
10	16QAM	1	0	22.31	22.67	22.40	23.5	1
10	16QAM	1	25	22.51	22.64	22.44		
10	16QAM	1	49	22.64	22.67	22.52		
10	16QAM	25	0	21.35	21.59	21.42	22.5	2
10	16QAM	25	12	21.41	21.72	21.54		
10	16QAM	25	25	21.39	21.55	21.42		
10	16QAM	50	0	21.54	21.58	21.42		
10	64QAM	1	0	21.44	21.59	21.48	22.5	2
10	64QAM	1	25	21.47	21.62	21.24		
10	64QAM	1	49	21.66	21.70	21.37		
10	64QAM	25	0	20.38	20.54	20.45	21.5	3
10	64QAM	25	12	20.53	20.84	20.43		
10	64QAM	25	25	20.62	20.57	20.36		
10	64QAM	50	0	20.54	20.64	20.47		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.45	23.49	23.37	24.5	0
5	QPSK	1	12	23.31	23.51	23.29		
5	QPSK	1	24	23.19	23.46	23.28		
5	QPSK	12	0	22.36	22.59	22.32	23.5	1
5	QPSK	12	7	22.38	22.73	22.42		
5	QPSK	12	13	22.29	22.58	22.32		
5	QPSK	25	0	22.39	22.68	22.36		
5	16QAM	1	0	22.16	22.42	22.42	23.5	1
5	16QAM	1	12	22.06	22.40	22.28		
5	16QAM	1	24	22.17	22.37	22.24		
5	16QAM	12	0	21.09	21.52	21.26	22.5	2
5	16QAM	12	7	21.17	21.36	21.20		
5	16QAM	12	13	21.07	21.25	21.04		
5	16QAM	25	0	21.11	21.49	21.18		
5	64QAM	1	0	21.14	21.37	21.32	22.5	2
5	64QAM	1	12	21.34	21.49	21.41		
5	64QAM	1	24	21.39	21.51	21.15		
5	64QAM	12	0	20.27	20.50	20.28	21.5	3
5	64QAM	12	7	20.41	20.50	20.39		
5	64QAM	12	13	20.38	20.60	20.29		
5	64QAM	25	0	20.38	20.66	20.28		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.30	23.46	23.38	24.5	0
3	QPSK	1	8	23.34	23.51	23.39		
3	QPSK	1	14	23.26	23.54	23.17		
3	QPSK	8	0	22.05	22.44	22.09	23.5	1
3	QPSK	8	4	22.09	22.48	22.10		
3	QPSK	8	7	22.04	22.40	22.09		
3	QPSK	15	0	22.08	22.44	22.12		
3	16QAM	1	0	22.42	22.41	22.10	23.5	1
3	16QAM	1	8	22.03	22.32	22.14		
3	16QAM	1	14	22.13	22.32	22.22		
3	16QAM	8	0	21.12	21.48	21.08	22.5	2
3	16QAM	8	4	21.21	21.40	21.19		
3	16QAM	8	7	21.05	21.50	21.12		
3	16QAM	15	0	21.15	21.39	21.14		
3	64QAM	1	0	21.29	21.41	21.33	22.5	2
3	64QAM	1	8	21.41	21.53	21.36		
3	64QAM	1	14	21.17	21.10	21.18		
3	64QAM	8	0	20.52	20.40	20.28	21.5	3
3	64QAM	8	4	20.38	20.43	20.12		
3	64QAM	8	7	20.22	20.36	20.25		
3	64QAM	15	0	20.04	20.37	20.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.26	23.43	23.31	24.5	0
1.4	QPSK	1	3	23.22	23.48	23.31		
1.4	QPSK	1	5	23.24	23.53	23.16		
1.4	QPSK	3	0	23.14	23.38	23.12		
1.4	QPSK	3	1	23.28	23.40	23.18		
1.4	QPSK	3	3	23.25	23.39	23.34		
1.4	QPSK	6	0	21.97	22.38	22.15	23.5	1
1.4	16QAM	1	0	22.36	22.44	22.36	23.5	1
1.4	16QAM	1	3	22.12	22.51	22.43		
1.4	16QAM	1	5	22.23	22.47	22.13		
1.4	16QAM	3	0	22.05	22.15	22.01		
1.4	16QAM	3	1	22.30	22.18	22.05		
1.4	16QAM	3	3	21.91	22.19	22.07		
1.4	16QAM	6	0	21.02	21.30	21.17	22.5	2
1.4	64QAM	1	0	21.20	21.35	21.23	22.5	2
1.4	64QAM	1	3	21.18	21.35	21.45		
1.4	64QAM	1	5	21.26	21.44	21.15		
1.4	64QAM	3	0	21.13	21.47	21.30		
1.4	64QAM	3	1	21.34	21.57	21.35		
1.4	64QAM	3	3	21.26	21.42	21.21		
1.4	64QAM	6	0	20.27	20.45	20.24	21.5	3

Band 12_Ant1 DSI1&3&4&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		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.50	24.53	24.46	25.5	0
10	QPSK	1	25	24.18	24.16	24.26		
10	QPSK	1	49	24.16	24.31	24.27		
10	QPSK	25	0	23.37	23.42	23.35	24.5	1
10	QPSK	25	12	23.30	23.29	23.34		
10	QPSK	25	25	23.39	23.29	23.40		
10	QPSK	50	0	23.30	23.38	23.34		
10	16QAM	1	0	23.49	23.25	23.65	24.5	1
10	16QAM	1	25	23.57	23.58	23.42		
10	16QAM	1	49	23.59	23.28	23.25		
10	16QAM	25	0	22.29	22.35	22.42	23.5	2
10	16QAM	25	12	22.49	22.36	22.35		
10	16QAM	25	25	22.40	22.39	22.47		
10	16QAM	50	0	22.41	22.47	22.37		
10	64QAM	1	0	22.27	22.40	22.63	23.5	2
10	64QAM	1	25	22.39	22.48	22.41		
10	64QAM	1	49	22.72	22.55	22.66		
10	64QAM	25	0	21.39	21.36	21.51	22.5	3
10	64QAM	25	12	21.52	21.57	21.49		
10	64QAM	25	25	21.62	21.63	21.65		
10	64QAM	50	0	21.46	21.43	21.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.12	24.30	24.13	25.5	0
5	QPSK	1	12	24.11	24.26	24.37		
5	QPSK	1	24	24.14	24.25	24.34		
5	QPSK	12	0	23.18	23.33	23.25	24.5	1
5	QPSK	12	7	23.34	23.43	23.30		
5	QPSK	12	13	23.20	23.32	23.38		
5	QPSK	25	0	23.29	23.34	23.16		
5	16QAM	1	0	23.40	23.30	23.13	24.5	1
5	16QAM	1	12	23.29	23.49	23.47		
5	16QAM	1	24	23.23	23.44	23.36		
5	16QAM	12	0	22.09	22.25	22.10	23.5	2
5	16QAM	12	7	22.15	22.24	22.01		
5	16QAM	12	13	22.07	22.07	22.13		
5	16QAM	25	0	22.11	21.99	22.14		
5	64QAM	1	0	22.04	22.26	22.18	23.5	2
5	64QAM	1	12	22.14	22.28	22.30		
5	64QAM	1	24	21.99	21.91	22.03		
5	64QAM	12	0	21.02	21.25	21.09	22.5	3
5	64QAM	12	7	21.07	21.27	21.18		
5	64QAM	12	13	20.97	21.16	21.15		
5	64QAM	25	0	21.10	21.09	21.05		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.16	24.00	24.22	25.5	0
3	QPSK	1	8	24.26	24.15	24.18		
3	QPSK	1	14	24.07	24.22	24.16		
3	QPSK	8	0	22.88	23.00	23.02	24.5	1
3	QPSK	8	4	22.96	23.10	22.94		
3	QPSK	8	7	22.91	23.09	23.03		
3	QPSK	15	0	22.90	23.07	23.01		
3	16QAM	1	0	22.99	22.93	23.25	24.5	1
3	16QAM	1	8	23.07	22.96	23.03		
3	16QAM	1	14	22.98	23.40	22.95		
3	16QAM	8	0	21.95	22.05	22.05	23.5	2
3	16QAM	8	4	22.14	22.05	21.94		
3	16QAM	8	7	21.93	22.20	22.13		
3	16QAM	15	0	21.94	22.06	22.11		
3	64QAM	1	0	21.85	21.97	22.04	23.5	2
3	64QAM	1	8	21.72	21.72	22.09		
3	64QAM	1	14	21.94	21.69	21.78		
3	64QAM	8	0	20.74	20.92	20.95	22.5	3
3	64QAM	8	4	20.93	20.99	20.89		
3	64QAM	8	7	20.82	20.96	20.87		
3	64QAM	15	0	20.96	20.99	20.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.18	24.23	24.16	25.5	0
1.4	QPSK	1	3	24.13	24.27	24.30		
1.4	QPSK	1	5	24.08	24.22	24.31		
1.4	QPSK	3	0	24.12	24.12	24.25		
1.4	QPSK	3	1	24.17	24.24	24.26		
1.4	QPSK	3	3	24.22	24.26	24.22		
1.4	QPSK	6	0	23.01	23.15	23.10	24.5	1
1.4	16QAM	1	0	23.11	23.25	23.04	24.5	1
1.4	16QAM	1	3	23.27	23.32	23.11		
1.4	16QAM	1	5	23.34	23.16	23.09		
1.4	16QAM	3	0	23.11	23.20	23.16		
1.4	16QAM	3	1	23.30	23.34	23.15		
1.4	16QAM	3	3	22.88	23.18	23.12		
1.4	16QAM	6	0	21.93	22.23	22.18	23.5	2
1.4	64QAM	1	0	22.29	22.18	21.91	23.5	2
1.4	64QAM	1	3	21.90	21.95	22.22		
1.4	64QAM	1	5	21.89	21.90	22.12		
1.4	64QAM	3	0	21.83	21.89	22.30		
1.4	64QAM	3	1	22.01	21.92	21.85		
1.4	64QAM	3	3	21.85	21.96	22.27		
1.4	64QAM	6	0	21.29	21.28	21.34	22.5	3

Band 13_Ant1 DSI1&3&4&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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.00		25	0
10	QPSK	1	25		23.91			
10	QPSK	1	49		23.88			
10	QPSK	25	0		23.07		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.97			
10	QPSK	50	0		22.98			
10	16QAM	1	0		23.34		24	1
10	16QAM	1	25		23.26			
10	16QAM	1	49		23.44			
10	16QAM	25	0		22.03		23	2
10	16QAM	25	12		22.04			
10	16QAM	25	25		22.20			
10	16QAM	50	0		22.01			
10	64QAM	1	0		22.04		23	2
10	64QAM	1	25		21.85			
10	64QAM	1	49		21.83			
10	64QAM	25	0		20.93		22	3
10	64QAM	25	12		21.15			
10	64QAM	25	25		21.05			
10	64QAM	50	0		21.07			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.86	23.84	23.99	25	0
5	QPSK	1	12	23.89	23.77	23.96		
5	QPSK	1	24	23.95	23.97	23.94		
5	QPSK	12	0	22.66	22.75	22.73	24	1
5	QPSK	12	7	22.72	22.75	22.83		
5	QPSK	12	13	22.73	22.80	22.67		
5	QPSK	25	0	22.82	22.77	22.74		
5	16QAM	1	0	22.99	22.90	23.16	24	1
5	16QAM	1	12	23.04	23.20	23.20		
5	16QAM	1	24	23.10	23.06	22.70		
5	16QAM	12	0	21.69	21.75	21.79	23	2
5	16QAM	12	7	21.98	21.69	21.85		
5	16QAM	12	13	21.80	21.69	21.83		
5	16QAM	25	0	21.72	21.58	21.72		
5	64QAM	1	0	21.81	21.93	22.07	23	2
5	64QAM	1	12	21.95	21.78	21.71		
5	64QAM	1	24	22.01	21.89	21.78		
5	64QAM	12	0	20.52	20.76	20.55	22	3
5	64QAM	12	7	20.65	20.94	20.79		
5	64QAM	12	13	20.82	20.80	20.80		
5	64QAM	25	0	20.79	20.61	20.60		

Band 17_Ant1 DSI1&3&4&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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.50	24.54	24.48	25.5	0
10	QPSK	1	25	24.44	24.42	24.50		
10	QPSK	1	49	24.45	24.51	24.48		
10	QPSK	25	0	23.58	23.63	23.53	24.5	1
10	QPSK	25	12	23.62	23.55	23.50		
10	QPSK	25	25	23.55	23.56	23.60		
10	QPSK	50	0	23.54	23.58	23.54		
10	16QAM	1	0	23.47	23.54	23.73	24.5	1
10	16QAM	1	25	23.60	23.29	23.55		
10	16QAM	1	49	23.31	23.68	23.75		
10	16QAM	25	0	22.46	22.47	22.46	23.5	2
10	16QAM	25	12	22.57	22.51	22.61		
10	16QAM	25	25	22.59	22.54	22.71		
10	16QAM	50	0	22.55	22.46	22.55		
10	64QAM	1	0	22.52	22.55	22.47	23.5	2
10	64QAM	1	25	22.76	22.56	22.58		
10	64QAM	1	49	22.46	22.74	22.72		
10	64QAM	25	0	21.46	21.47	21.54	22.5	3
10	64QAM	25	12	21.66	21.56	21.71		
10	64QAM	25	25	21.71	21.63	21.62		
10	64QAM	50	0	21.63	21.55	21.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.46	24.43	24.45	25.5	0
5	QPSK	1	12	24.42	24.41	24.40		
5	QPSK	1	24	24.45	24.42	24.47		
5	QPSK	12	0	23.47	23.46	23.43	24.5	1
5	QPSK	12	7	23.57	23.55	23.41		
5	QPSK	12	13	23.39	23.51	23.59		
5	QPSK	25	0	23.49	23.51	23.45		
5	16QAM	1	0	23.42	23.34	23.62	24.5	1
5	16QAM	1	12	23.46	23.75	23.55		
5	16QAM	1	24	23.50	23.67	23.63		
5	16QAM	12	0	22.56	22.48	22.43	23.5	2
5	16QAM	12	7	22.54	22.42	22.57		
5	16QAM	12	13	22.64	22.48	22.65		
5	16QAM	25	0	22.49	22.43	22.41		
5	64QAM	1	0	22.13	22.38	22.12	23.5	2
5	64QAM	1	12	22.27	22.06	22.34		
5	64QAM	1	24	22.19	22.29	22.10		
5	64QAM	12	0	21.31	21.35	21.29	22.5	3
5	64QAM	12	7	21.43	21.41	21.18		
5	64QAM	12	13	21.29	21.23	21.30		
5	64QAM	25	0	21.20	21.22	21.23		

Band 26_Ant1 DSI1&3&4&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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.48	24.51	24.46	25.5	0
15	QPSK	1	37	24.37	24.40	24.20		
15	QPSK	1	74	24.33	24.49	24.17		
15	QPSK	36	0	23.55	23.58	23.49	24.5	1
15	QPSK	36	20	23.56	23.32	23.44		
15	QPSK	36	39	23.57	23.49	23.36		
15	QPSK	75	0	23.54	23.55	23.51		
15	16QAM	1	0	23.62	23.49	23.27	24.5	1
15	16QAM	1	37	23.40	23.42	23.45		
15	16QAM	1	74	23.24	23.48	23.39		
15	16QAM	36	0	22.48	22.44	22.18	23.5	2
15	16QAM	36	20	22.44	22.33	22.22		
15	16QAM	36	39	22.47	22.29	22.17		
15	16QAM	75	0	22.61	22.40	22.23		
15	64QAM	1	0	22.41	22.55	22.41	23.5	2
15	64QAM	1	37	22.45	22.32	22.25		
15	64QAM	1	74	22.36	22.26	22.20		
15	64QAM	36	0	21.67	21.48	21.27	22.5	3
15	64QAM	36	20	21.64	21.35	21.19		
15	64QAM	36	39	21.43	21.31	21.18		
15	64QAM	75	0	21.62	21.33	21.25		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.50	24.40	24.25	25.5	0
10	QPSK	1	25	24.47	24.18	24.32		
10	QPSK	1	49	24.40	24.26	24.27		
10	QPSK	25	0	23.37	23.47	23.35	24.5	1
10	QPSK	25	12	23.60	23.32	23.46		
10	QPSK	25	25	23.56	23.46	23.29		
10	QPSK	50	0	23.57	23.21	23.39		
10	16QAM	1	0	23.37	23.36	23.49	24.5	1
10	16QAM	1	25	23.55	23.20	23.31		
10	16QAM	1	49	23.56	23.20	23.20		
10	16QAM	25	0	22.34	22.22	22.04	23.5	2
10	16QAM	25	12	22.35	22.30	22.12		
10	16QAM	25	25	22.34	22.05	22.14		
10	16QAM	50	0	22.29	22.14	22.03		
10	64QAM	1	0	22.54	22.42	22.30	23.5	2
10	64QAM	1	25	22.38	22.22	22.16		
10	64QAM	1	49	22.42	22.29	22.21		
10	64QAM	25	0	21.31	21.22	21.08	22.5	3
10	64QAM	25	12	21.34	21.23	21.11		
10	64QAM	25	25	21.33	20.99	21.00		
10	64QAM	50	0	21.30	21.17	21.09		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.23	24.32	25.5	0
5	QPSK	1	12	24.13	24.05	24.04		
5	QPSK	1	24	24.24	24.10	24.35		
5	QPSK	12	0	23.23	23.23	23.23	24.5	1
5	QPSK	12	7	23.43	23.35	23.26		
5	QPSK	12	13	23.62	23.25	23.27		
5	QPSK	25	0	23.30	23.25	23.33		
5	16QAM	1	0	22.96	23.35	23.12	24.5	1
5	16QAM	1	12	23.29	23.12	23.29		
5	16QAM	1	24	23.33	23.02	22.93		
5	16QAM	12	0	22.27	22.31	21.97	23.5	2
5	16QAM	12	7	22.20	22.10	21.92		
5	16QAM	12	13	22.24	22.10	22.05		
5	16QAM	25	0	22.28	22.14	21.96		
5	64QAM	1	0	22.36	22.22	22.28	23.5	2
5	64QAM	1	12	22.44	22.08	22.17		
5	64QAM	1	24	22.37	22.29	22.16		
5	64QAM	12	0	21.38	21.29	21.19	22.5	3
5	64QAM	12	7	21.42	21.36	21.21		
5	64QAM	12	13	21.40	21.17	21.21		
5	64QAM	25	0	21.34	21.25	21.17		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.37	24.09	24.25	25.5	0
3	QPSK	1	8	24.35	24.25	24.22		
3	QPSK	1	14	24.40	24.33	24.16		
3	QPSK	8	0	23.17	23.08	23.04	24.5	1
3	QPSK	8	4	23.12	23.01	23.01		
3	QPSK	8	7	23.26	23.01	22.88		
3	QPSK	15	0	23.06	23.02	22.97		
3	16QAM	1	0	23.15	23.18	23.07	24.5	1
3	16QAM	1	8	23.26	23.04	23.05		
3	16QAM	1	14	23.30	23.04	23.28		
3	16QAM	8	0	22.19	22.03	21.95	23.5	2
3	16QAM	8	4	22.18	22.08	21.89		
3	16QAM	8	7	22.17	22.04	21.82		
3	16QAM	15	0	22.12	22.14	21.90		
3	64QAM	1	0	22.12	22.17	22.01	23.5	2
3	64QAM	1	8	22.10	22.02	22.12		
3	64QAM	1	14	22.26	22.00	22.02		
3	64QAM	8	0	21.21	20.96	20.80	22.5	3
3	64QAM	8	4	21.11	21.03	20.93		
3	64QAM	8	7	21.16	21.03	20.99		
3	64QAM	15	0	21.44	20.98	20.99		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.29	24.11	24.24	25.5	0
1.4	QPSK	1	3	24.27	24.03	24.24		
1.4	QPSK	1	5	24.09	24.06	24.15		
1.4	QPSK	3	0	24.25	24.27	23.97		
1.4	QPSK	3	1	24.26	24.40	24.44		
1.4	QPSK	3	3	24.21	24.07	24.10		
1.4	QPSK	6	0	23.33	23.06	23.02	24.5	1
1.4	16QAM	1	0	23.38	23.05	23.23	24.5	1
1.4	16QAM	1	3	23.32	23.03	23.10		
1.4	16QAM	1	5	23.30	23.18	23.38		
1.4	16QAM	3	0	23.51	23.27	23.07		
1.4	16QAM	3	1	23.43	23.24	23.15		
1.4	16QAM	3	3	23.49	23.37	23.17		
1.4	16QAM	6	0	22.19	22.10	22.00	23.5	2
1.4	64QAM	1	0	22.39	22.00	22.24	23.5	2
1.4	64QAM	1	3	22.45	22.23	22.12		
1.4	64QAM	1	5	22.12	22.14	22.21		
1.4	64QAM	3	0	22.12	21.92	22.10		
1.4	64QAM	3	1	22.25	22.13	21.96		
1.4	64QAM	3	3	22.09	22.01	21.93		
1.4	64QAM	6	0	21.32	21.16	21.07	22.5	3

GSM1900 Ant 2 DSI 1&3&4&5

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	30.79	30.61	30.42	31.00	21.79	21.61	21.42	22.00
GPRS 1 Tx slot	30.75	30.76	30.69	31.00	21.75	21.76	21.69	22.00
GPRS 2 Tx slots	26.93	26.76	26.69	27.00	20.93	20.76	20.69	21.00
GPRS 3 Tx slots	24.95	24.67	24.71	26.00	20.69	20.41	20.45	21.74
GPRS 4 Tx slots	23.40	22.96	23.22	24.00	20.40	19.96	20.22	21.00
EDGE 1 Tx slot	25.55	25.86	25.77	26.00	16.55	16.86	16.77	17.00
EDGE 2 Tx slots	22.56	22.48	22.28	23.50	16.56	16.48	16.28	17.50
EDGE 3 Tx slots	21.06	20.99	20.60	21.50	16.80	16.73	16.34	17.24
EDGE 4 Tx slots	20.38	20.38	20.30	20.50	17.38	17.38	17.30	17.50

WCDMA II Ant 2 DSI 1&3&4 | **WCDMA IV Ant 2 DSI 1&4**

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.71	24.85	24.82	25.50	24.72	24.80	24.80	25.50
3GPP Rel 99	RMC 12.2Kbps	24.77	24.88	24.84	25.50	24.73	24.81	24.84	25.50
3GPP Rel 6	HSDPA Subtest-1	23.68	23.85	23.82	24.50	23.88	24.06	23.99	24.50
3GPP Rel 6	HSDPA Subtest-2	23.67	23.85	23.84	24.50	23.88	24.06	24.00	24.50
3GPP Rel 6	HSDPA Subtest-3	23.17	23.34	23.34	24.00	23.39	23.56	23.49	24.00
3GPP Rel 6	HSDPA Subtest-4	23.19	23.38	23.37	24.00	23.38	23.57	23.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.68	23.93	23.91	24.50	23.78	24.04	24.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.75	23.88	23.79	24.50	23.77	24.17	24.11	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.08	23.42	23.35	24.00	23.34	23.60	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.42	23.27	24.00	23.38	23.54	23.51	24.00
3GPP Rel 6	HSUPA Subtest-1	23.79	23.95	23.93	24.50	23.98	24.16	24.08	24.50
3GPP Rel 6	HSUPA Subtest-2	21.80	21.91	21.93	22.50	21.99	22.13	22.11	22.50
3GPP Rel 6	HSUPA Subtest-3	22.77	22.95	22.95	23.50	22.99	23.15	23.11	23.50
3GPP Rel 6	HSUPA Subtest-4	21.79	21.95	21.97	22.50	22.01	22.18	22.10	22.50
3GPP Rel 6	HSUPA Subtest-5	23.80	24.00	23.90	24.50	24.00	24.20	24.10	24.50

Band 2_Ant2 Full

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.65	24.67	24.65	25.5	0
20	QPSK	1	49	24.31	24.43	24.59		
20	QPSK	1	99	24.41	24.22	24.54		
20	QPSK	50	0	23.77	23.81	23.78	24.5	1
20	QPSK	50	24	23.73	23.75	23.76		
20	QPSK	50	50	23.71	23.72	23.64		
20	QPSK	100	0	23.79	23.82	23.77		
20	16QAM	1	0	23.70	23.73	23.78	24.5	1
20	16QAM	1	49	23.50	23.53	23.60		
20	16QAM	1	99	23.66	23.83	23.84		
20	16QAM	50	0	22.48	22.54	22.62	23.5	2
20	16QAM	50	24	22.55	22.45	22.60		
20	16QAM	50	50	22.55	22.66	22.83		
20	16QAM	100	0	22.43	22.51	22.73		
20	64QAM	1	0	22.21	22.59	22.43	23.5	2
20	64QAM	1	49	22.65	22.43	22.62		
20	64QAM	1	99	22.60	22.48	22.67		
20	64QAM	50	0	21.65	21.66	21.86	22.5	3
20	64QAM	50	24	21.76	21.79	21.87		
20	64QAM	50	50	21.78	21.77	21.95		
20	64QAM	100	0	21.67	21.69	21.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.34	24.34	24.52	25.5	0
15	QPSK	1	37	24.33	24.46	24.53		
15	QPSK	1	74	24.32	24.40	24.50		
15	QPSK	36	0	23.46	23.44	23.58	24.5	1
15	QPSK	36	20	23.51	23.61	23.68		
15	QPSK	36	39	23.47	23.57	23.68		
15	QPSK	75	0	23.47	23.46	23.67		
15	16QAM	1	0	23.27	23.28	23.44	24.5	1
15	16QAM	1	37	23.29	23.38	23.47		
15	16QAM	1	74	23.32	23.30	23.41		
15	16QAM	36	0	22.30	22.25	22.37	23.5	2
15	16QAM	36	20	22.31	22.37	22.49		
15	16QAM	36	39	22.29	22.36	22.48		
15	16QAM	75	0	22.28	22.28	22.47		
15	64QAM	1	0	22.27	22.41	22.55	23.5	2
15	64QAM	1	37	22.39	22.47	22.57		
15	64QAM	1	74	22.54	22.30	22.64		
15	64QAM	36	0	21.49	21.42	21.58	22.5	3
15	64QAM	36	20	21.49	21.59	21.69		
15	64QAM	36	39	21.48	21.55	21.68		
15	64QAM	75	0	21.48	21.49	21.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.28	24.27	24.55	25.5	0
10	QPSK	1	25	24.35	24.43	24.53		
10	QPSK	1	49	24.30	24.35	24.46		
10	QPSK	25	0	23.24	23.23	23.35	24.5	1
10	QPSK	25	12	23.27	23.38	23.41		
10	QPSK	25	25	23.25	23.39	23.49		
10	QPSK	50	0	23.29	23.25	23.38		
10	16QAM	1	0	23.31	23.26	23.51	24.5	1
10	16QAM	1	25	23.33	23.36	23.48		
10	16QAM	1	49	23.30	23.45	23.52		
10	16QAM	25	0	22.27	22.23	22.36	23.5	2
10	16QAM	25	12	22.31	22.40	22.41		
10	16QAM	25	25	22.28	22.35	22.48		
10	16QAM	50	0	22.27	22.31	22.42		
10	64QAM	1	0	22.26	22.22	22.49	23.5	2
10	64QAM	1	25	22.22	22.31	22.44		
10	64QAM	1	49	22.25	22.21	22.46		
10	64QAM	25	0	21.27	21.24	21.39	22.5	3
10	64QAM	25	12	21.32	21.39	21.41		
10	64QAM	25	25	21.27	21.37	21.49		
10	64QAM	50	0	21.26	21.26	21.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.30	24.34	24.47	25.5	0
5	QPSK	1	12	24.34	24.41	24.55		
5	QPSK	1	24	24.35	24.40	24.58		
5	QPSK	12	0	23.39	23.42	23.50	24.5	1
5	QPSK	12	7	23.49	23.55	23.63		
5	QPSK	12	13	23.45	23.50	23.64		
5	QPSK	25	0	23.43	23.48	23.52		
5	16QAM	1	0	23.21	23.29	23.29	24.5	1
5	16QAM	1	12	23.17	23.36	23.57		
5	16QAM	1	24	23.21	23.40	23.51		
5	16QAM	12	0	22.38	22.40	22.52	23.5	2
5	16QAM	12	7	22.49	22.56	22.62		
5	16QAM	12	13	22.49	22.55	22.65		
5	16QAM	25	0	22.48	22.52	22.54		
5	64QAM	1	0	22.37	22.32	22.49	23.5	2
5	64QAM	1	12	22.36	22.40	22.55		
5	64QAM	1	24	22.38	22.48	22.53		
5	64QAM	12	0	21.38	21.36	21.54	22.5	3
5	64QAM	12	7	21.49	21.52	21.59		
5	64QAM	12	13	21.40	21.50	21.66		
5	64QAM	25	0	21.45	21.52	21.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.30	24.36	24.55	25.5	0
3	QPSK	1	8	24.37	24.47	24.52		
3	QPSK	1	14	24.35	24.44	24.60		
3	QPSK	8	0	23.43	23.43	23.59	24.5	1
3	QPSK	8	4	23.45	23.51	23.66		
3	QPSK	8	7	23.43	23.48	23.68		
3	QPSK	15	0	23.42	23.50	23.64		
3	16QAM	1	0	23.35	23.34	23.46	24.5	1
3	16QAM	1	8	23.42	23.41	23.58		
3	16QAM	1	14	23.36	23.41	23.58		
3	16QAM	8	0	22.40	22.42	22.63	23.5	2
3	16QAM	8	4	22.53	22.60	22.73		
3	16QAM	8	7	22.43	22.53	22.62		
3	16QAM	15	0	22.48	22.55	22.65		
3	64QAM	1	0	22.25	22.27	22.44	23.5	2
3	64QAM	1	8	22.34	22.35	22.41		
3	64QAM	1	14	22.33	22.37	22.47		
3	64QAM	8	0	21.57	21.44	21.68	22.5	3
3	64QAM	8	4	21.46	21.49	21.66		
3	64QAM	8	7	21.42	21.50	21.67		
3	64QAM	15	0	21.46	21.53	21.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.28	24.33	24.47	25.5	0
1.4	QPSK	1	3	24.31	24.40	24.49		
1.4	QPSK	1	5	24.33	24.40	24.49		
1.4	QPSK	3	0	24.26	24.26	24.34		
1.4	QPSK	3	1	24.46	24.48	24.52		
1.4	QPSK	3	3	24.33	24.32	24.43		
1.4	QPSK	6	0	23.34	23.43	23.55	24.5	1
1.4	16QAM	1	0	23.21	23.24	23.35	24.5	1
1.4	16QAM	1	3	23.33	23.35	23.51		
1.4	16QAM	1	5	23.21	23.30	23.52		
1.4	16QAM	3	0	23.09	23.11	23.22		
1.4	16QAM	3	1	23.05	23.16	23.22		
1.4	16QAM	3	3	23.03	23.12	23.20		
1.4	16QAM	6	0	22.26	22.33	22.43	23.5	2
1.4	64QAM	1	0	22.36	22.43	22.52	23.5	2
1.4	64QAM	1	3	22.43	22.53	22.62		
1.4	64QAM	1	5	22.38	22.46	22.46		
1.4	64QAM	3	0	22.16	22.28	22.45		
1.4	64QAM	3	1	22.33	22.39	22.48		
1.4	64QAM	3	3	22.29	22.39	22.47		
1.4	64QAM	6	0	21.21	21.26	21.38	22.5	3

Band 4_Ant2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.47	24.58	24.55	25.5	0
20	QPSK	1	49	24.46	24.42	24.37		
20	QPSK	1	99	24.32	24.34	24.40		
20	QPSK	50	0	23.56	23.67	23.62	24.5	1
20	QPSK	50	24	23.57	23.57	23.59		
20	QPSK	50	50	23.46	23.56	23.52		
20	QPSK	100	0	23.52	23.53	23.50		
20	16QAM	1	0	23.30	23.52	23.50	24.5	1
20	16QAM	1	49	23.41	23.36	23.41		
20	16QAM	1	99	23.32	23.24	23.57		
20	16QAM	50	0	22.57	22.59	22.69	23.5	2
20	16QAM	50	24	22.59	22.60	22.63		
20	16QAM	50	50	22.49	22.59	22.52		
20	16QAM	100	0	22.57	22.54	22.61		
20	64QAM	1	0	22.24	22.53	22.34	23.5	2
20	64QAM	1	49	22.48	22.19	22.46		
20	64QAM	1	99	22.33	22.24	22.47		
20	64QAM	50	0	21.54	21.62	21.69	22.5	3
20	64QAM	50	24	21.58	21.57	21.61		
20	64QAM	50	50	21.47	21.54	21.50		
20	64QAM	100	0	21.56	21.55	21.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.51	24.46	24.50	25.5	0
15	QPSK	1	37	24.37	24.45	24.36		
15	QPSK	1	74	24.29	24.42	24.48		
15	QPSK	36	0	23.34	23.38	23.43	24.5	1
15	QPSK	36	20	23.35	23.37	23.33		
15	QPSK	36	39	23.31	23.38	23.36		
15	QPSK	75	0	23.36	23.33	23.38		
15	16QAM	1	0	23.23	23.39	23.38	24.5	1
15	16QAM	1	37	23.23	23.20	23.22		
15	16QAM	1	74	23.28	23.18	23.42		
15	16QAM	36	0	22.36	22.41	22.43	23.5	2
15	16QAM	36	20	22.36	22.38	22.35		
15	16QAM	36	39	22.31	22.39	22.38		
15	16QAM	75	0	22.36	22.36	22.36		
15	64QAM	1	0	22.12	22.42	22.19	23.5	2
15	64QAM	1	37	22.37	22.08	22.31		
15	64QAM	1	74	22.36	22.19	22.39		
15	64QAM	36	0	21.35	21.40	21.43	22.5	3
15	64QAM	36	20	21.37	21.36	21.34		
15	64QAM	36	39	21.34	21.39	21.38		
15	64QAM	75	0	21.36	21.37	21.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.30	24.37	24.31	25.5	0
10	QPSK	1	25	24.42	24.47	24.46		
10	QPSK	1	49	24.43	24.39	24.49		
10	QPSK	25	0	23.24	23.33	23.30	24.5	1
10	QPSK	25	12	23.33	23.36	23.43		
10	QPSK	25	25	23.36	23.44	23.41		
10	QPSK	50	0	23.35	23.37	23.41		
10	16QAM	1	0	23.36	23.30	23.32	24.5	1
10	16QAM	1	25	23.26	23.34	23.35		
10	16QAM	1	49	23.25	23.44	23.44		
10	16QAM	25	0	22.26	22.33	22.29	23.5	2
10	16QAM	25	12	22.38	22.37	22.43		
10	16QAM	25	25	22.35	22.35	22.45		
10	16QAM	50	0	22.36	22.37	22.41		
10	64QAM	1	0	22.19	22.33	22.28	23.5	2
10	64QAM	1	25	22.35	22.33	22.37		
10	64QAM	1	49	22.40	22.27	22.46		
10	64QAM	25	0	21.29	21.31	21.31	22.5	3
10	64QAM	25	12	21.37	21.34	21.44		
10	64QAM	25	25	21.33	21.39	21.42		
10	64QAM	50	0	21.35	21.36	21.43		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.33	24.46	24.40	25.5	0
5	QPSK	1	12	24.36	24.49	24.47		
5	QPSK	1	24	24.39	24.43	24.48		
5	QPSK	12	0	23.46	23.49	23.47	24.5	1
5	QPSK	12	7	23.56	23.56	23.66		
5	QPSK	12	13	23.50	23.60	23.60		
5	QPSK	25	0	23.55	23.52	23.58		
5	16QAM	1	0	23.42	23.42	23.38	24.5	1
5	16QAM	1	12	23.48	23.57	23.59		
5	16QAM	1	24	23.44	23.53	23.56		
5	16QAM	12	0	22.47	22.52	22.51	23.5	2
5	16QAM	12	7	22.53	22.53	22.71		
5	16QAM	12	13	22.50	22.59	22.61		
5	16QAM	25	0	22.51	22.55	22.62		
5	64QAM	1	0	22.33	22.46	22.36	23.5	2
5	64QAM	1	12	22.51	22.60	22.65		
5	64QAM	1	24	22.45	22.54	22.58		
5	64QAM	12	0	21.46	21.45	21.47	22.5	3
5	64QAM	12	7	21.52	21.50	21.68		
5	64QAM	12	13	21.46	21.56	21.52		
5	64QAM	25	0	21.51	21.48	21.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.40	24.46	24.42	25.5	0
3	QPSK	1	8	24.45	24.51	24.57		
3	QPSK	1	14	24.44	24.48	24.50		
3	QPSK	8	0	23.54	23.48	23.51	24.5	1
3	QPSK	8	4	23.50	23.50	23.64		
3	QPSK	8	7	23.48	23.60	23.61		
3	QPSK	15	0	23.53	23.51	23.64		
3	16QAM	1	0	23.38	23.42	23.57	24.5	1
3	16QAM	1	8	23.49	23.56	23.67		
3	16QAM	1	14	23.41	23.57	23.46		
3	16QAM	8	0	22.50	22.50	22.40	23.5	2
3	16QAM	8	4	22.60	22.60	22.75		
3	16QAM	8	7	22.51	22.58	22.63		
3	16QAM	15	0	22.54	22.53	22.66		
3	64QAM	1	0	22.42	22.42	22.47	23.5	2
3	64QAM	1	8	22.47	22.52	22.54		
3	64QAM	1	14	22.46	22.54	22.58		
3	64QAM	8	0	21.51	21.52	21.57	22.5	3
3	64QAM	8	4	21.50	21.51	21.66		
3	64QAM	8	7	21.54	21.59	21.61		
3	64QAM	15	0	21.53	21.51	21.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.34	24.39	24.46	25.5	0
1.4	QPSK	1	3	24.39	24.44	24.48		
1.4	QPSK	1	5	24.32	24.41	24.44		
1.4	QPSK	3	0	24.27	24.31	24.38		
1.4	QPSK	3	1	24.41	24.48	24.57		
1.4	QPSK	3	3	24.33	24.38	24.46		
1.4	QPSK	6	0	23.42	23.44	23.54	24.5	1
1.4	16QAM	1	0	23.23	23.30	23.46	24.5	1
1.4	16QAM	1	3	23.28	23.54	23.56		
1.4	16QAM	1	5	23.25	23.28	23.50		
1.4	16QAM	3	0	23.03	23.14	23.25		
1.4	16QAM	3	1	23.09	23.16	23.28		
1.4	16QAM	3	3	23.07	23.19	23.17		
1.4	16QAM	6	0	22.39	22.47	22.61	23.5	2
1.4	64QAM	1	0	22.23	22.31	22.47	23.5	2
1.4	64QAM	1	3	22.34	22.41	22.60		
1.4	64QAM	1	5	22.38	22.29	22.47		
1.4	64QAM	3	0	22.21	22.31	22.41		
1.4	64QAM	3	1	22.35	22.33	22.40		
1.4	64QAM	3	3	22.23	22.33	22.38		
1.4	64QAM	6	0	21.39	21.44	21.59	22.5	3

Band 7_Ant2 DSI1&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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.68	24.78	24.76	25.5	0
20	QPSK	1	49	24.74	24.77	24.68		
20	QPSK	1	99	24.69	24.74	24.72		
20	QPSK	50	0	23.72	23.83	23.69	24.5	1
20	QPSK	50	24	23.76	23.78	23.77		
20	QPSK	50	50	23.78	23.79	23.76		
20	QPSK	100	0	23.73	23.75	23.72		
20	16QAM	1	0	23.73	23.62	23.58	24.5	1
20	16QAM	1	49	23.78	23.78	23.76		
20	16QAM	1	99	23.74	23.76	23.78		
20	16QAM	50	0	22.85	22.74	22.72	23.5	2
20	16QAM	50	24	22.89	22.80	22.79		
20	16QAM	50	50	22.77	22.81	22.86		
20	16QAM	100	0	22.83	22.77	22.77		
20	64QAM	1	0	22.90	22.84	22.86	23.5	2
20	64QAM	1	49	22.73	22.84	22.83		
20	64QAM	1	99	22.87	22.79	22.72		
20	64QAM	50	0	21.83	21.72	21.73	22.5	3
20	64QAM	50	24	21.86	21.80	21.76		
20	64QAM	50	50	21.78	21.80	21.87		
20	64QAM	100	0	21.84	21.77	21.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.72	24.62	24.65	25.5	0
15	QPSK	1	37	24.76	24.76	24.75		
15	QPSK	1	74	24.73	24.72	24.77		
15	QPSK	36	0	23.86	23.75	23.75	24.5	1
15	QPSK	36	20	23.82	23.81	23.86		
15	QPSK	36	39	23.81	23.80	23.86		
15	QPSK	75	0	23.86	23.80	23.78		
15	16QAM	1	0	23.73	23.65	23.73	24.5	1
15	16QAM	1	37	23.74	23.81	23.74		
15	16QAM	1	74	23.77	23.78	23.85		
15	16QAM	36	0	22.59	22.48	22.46	23.5	2
15	16QAM	36	20	22.62	22.52	22.57		
15	16QAM	36	39	22.54	22.49	22.56		
15	16QAM	75	0	22.61	22.49	22.48		
15	64QAM	1	0	22.64	22.52	22.56	23.5	2
15	64QAM	1	37	22.69	22.63	22.65		
15	64QAM	1	74	22.64	22.65	22.72		
15	64QAM	36	0	21.60	21.49	21.44	22.5	3
15	64QAM	36	20	21.60	21.53	21.57		
15	64QAM	36	39	21.52	21.50	21.57		
15	64QAM	75	0	21.62	21.52	21.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.68	24.63	24.58	25.5	0
10	QPSK	1	25	24.69	24.65	24.64		
10	QPSK	1	49	24.68	24.63	24.66		
10	QPSK	25	0	23.68	23.58	23.54	24.5	1
10	QPSK	25	12	23.65	23.62	23.58		
10	QPSK	25	25	23.64	23.62	23.65		
10	QPSK	50	0	23.65	23.61	23.58		
10	16QAM	1	0	23.54	23.56	23.47	24.5	1
10	16QAM	1	25	23.58	23.56	23.54		
10	16QAM	1	49	23.54	23.56	23.57		
10	16QAM	25	0	22.71	22.57	22.55	23.5	2
10	16QAM	25	12	22.74	22.63	22.60		
10	16QAM	25	25	22.61	22.58	22.62		
10	16QAM	50	0	22.64	22.60	22.56		
10	64QAM	1	0	22.55	22.54	22.48	23.5	2
10	64QAM	1	25	22.62	22.57	22.56		
10	64QAM	1	49	22.56	22.66	22.62		
10	64QAM	25	0	21.62	21.50	21.41	22.5	3
10	64QAM	25	12	21.66	21.55	21.51		
10	64QAM	25	25	21.54	21.53	21.53		
10	64QAM	50	0	21.55	21.50	21.46		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.70	24.65	24.62	25.5	0
5	QPSK	1	12	24.70	24.66	24.62		
5	QPSK	1	24	24.73	24.68	24.70		
5	QPSK	12	0	23.81	23.78	23.81	24.5	1
5	QPSK	12	7	23.85	23.80	23.82		
5	QPSK	12	13	23.90	23.87	23.82		
5	QPSK	25	0	23.88	23.75	23.84		
5	16QAM	1	0	23.63	23.71	23.66	24.5	1
5	16QAM	1	12	23.61	23.72	23.57		
5	16QAM	1	24	23.74	23.72	23.64		
5	16QAM	12	0	22.54	22.47	22.54	23.5	2
5	16QAM	12	7	22.65	22.49	22.55		
5	16QAM	12	13	22.65	22.58	22.52		
5	16QAM	25	0	22.59	22.47	22.52		
5	64QAM	1	0	22.59	22.55	22.53	23.5	2
5	64QAM	1	12	22.70	22.67	22.64		
5	64QAM	1	24	22.62	22.54	22.53		
5	64QAM	12	0	21.68	21.64	21.69	22.5	3
5	64QAM	12	7	21.81	21.68	21.70		
5	64QAM	12	13	21.79	21.74	21.71		
5	64QAM	25	0	21.81	21.66	21.70		

Band 66_Ant2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.80	24.88	24.86	25.5	0
20	QPSK	1	49	24.84	24.74	24.67		
20	QPSK	1	99	24.73	24.76	24.67		
20	QPSK	50	0	23.91	23.96	23.78	24.5	1
20	QPSK	50	24	23.90	23.89	23.75		
20	QPSK	50	50	23.91	23.86	23.71		
20	QPSK	100	0	23.82	23.88	23.82		
20	16QAM	1	0	23.95	23.93	23.94	24.5	1
20	16QAM	1	49	23.96	23.89	23.85		
20	16QAM	1	99	23.87	23.92	23.62		
20	16QAM	50	0	22.95	22.87	22.80	23.5	2
20	16QAM	50	24	22.94	22.92	22.74		
20	16QAM	50	50	22.91	22.89	22.71		
20	16QAM	100	0	22.89	22.90	22.73		
20	64QAM	1	0	23.01	23.04	22.97	23.5	2
20	64QAM	1	49	23.09	22.98	22.88		
20	64QAM	1	99	22.88	22.94	22.68		
20	64QAM	50	0	21.94	21.87	21.80	22.5	3
20	64QAM	50	24	21.93	21.94	21.75		
20	64QAM	50	50	21.92	21.88	21.75		
20	64QAM	100	0	21.88	21.91	21.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.74	24.83	24.71	25.5	0
15	QPSK	1	37	24.77	24.82	24.66		
15	QPSK	1	74	24.65	24.71	24.52		
15	QPSK	36	0	23.82	23.93	23.73	24.5	1
15	QPSK	36	20	23.92	23.93	23.82		
15	QPSK	36	39	23.85	23.93	23.71		
15	QPSK	75	0	23.87	23.87	23.79		
15	16QAM	1	0	24.07	24.10	24.14	24.5	1
15	16QAM	1	37	24.12	24.21	24.01		
15	16QAM	1	74	24.07	24.07	23.86		
15	16QAM	36	0	22.84	22.96	22.79	23.5	2
15	16QAM	36	20	22.94	22.95	22.84		
15	16QAM	36	39	22.89	22.98	22.75		
15	16QAM	75	0	22.90	22.89	22.80		
15	64QAM	1	0	22.93	23.02	22.96	23.5	2
15	64QAM	1	37	22.97	23.07	22.92		
15	64QAM	1	74	22.91	22.93	22.78		
15	64QAM	36	0	21.83	21.94	21.77	22.5	3
15	64QAM	36	20	21.95	21.95	21.83		
15	64QAM	36	39	21.89	21.95	21.75		
15	64QAM	75	0	21.91	21.93	21.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.75	24.80	24.65	25.5	0
10	QPSK	1	25	24.72	24.83	24.56		
10	QPSK	1	49	24.69	24.79	24.79		
10	QPSK	25	0	23.78	23.89	23.74	24.5	1
10	QPSK	25	12	23.88	23.89	23.73		
10	QPSK	25	25	23.80	23.90	23.67		
10	QPSK	50	0	23.85	23.85	23.71		
10	16QAM	1	0	23.73	23.90	23.70	24.5	1
10	16QAM	1	25	23.80	23.85	23.69		
10	16QAM	1	49	23.70	23.79	23.59		
10	16QAM	25	0	22.81	22.93	22.79	23.5	2
10	16QAM	25	12	22.88	22.90	22.77		
10	16QAM	25	25	22.85	22.91	22.70		
10	16QAM	50	0	22.87	22.87	22.71		
10	64QAM	1	0	22.61	22.85	22.53	23.5	2
10	64QAM	1	25	22.63	22.74	22.78		
10	64QAM	1	49	22.58	22.73	22.78		
10	64QAM	25	0	21.78	21.91	21.74	22.5	3
10	64QAM	25	12	21.90	21.90	21.77		
10	64QAM	25	25	21.84	21.92	21.68		
10	64QAM	50	0	21.86	21.86	21.75		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.67	24.79	24.65	25.5	0
5	QPSK	1	12	24.74	24.84	24.56		
5	QPSK	1	24	24.68	24.77	24.53		
5	QPSK	12	0	23.75	23.82	23.60	24.5	1
5	QPSK	12	7	23.84	23.90	23.68		
5	QPSK	12	13	23.81	23.88	23.64		
5	QPSK	25	0	23.78	23.85	23.58		
5	16QAM	1	0	23.66	23.77	23.57	24.5	1
5	16QAM	1	12	23.69	23.79	23.55		
5	16QAM	1	24	23.61	23.73	23.71		
5	16QAM	12	0	22.80	22.88	22.66	23.5	2
5	16QAM	12	7	22.89	22.91	22.73		
5	16QAM	12	13	22.82	22.93	22.68		
5	16QAM	25	0	22.79	22.82	22.62		
5	64QAM	1	0	22.59	22.70	22.74	23.5	2
5	64QAM	1	12	22.61	22.72	22.53		
5	64QAM	1	24	22.56	22.62	22.71		
5	64QAM	12	0	21.70	21.87	21.63	22.5	3
5	64QAM	12	7	21.85	21.91	21.71		
5	64QAM	12	13	21.80	21.90	21.63		
5	64QAM	25	0	21.82	21.80	21.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.68	24.78	24.53	25.5	0
3	QPSK	1	8	24.77	24.81	24.56		
3	QPSK	1	14	24.68	24.57	24.50		
3	QPSK	8	0	23.72	23.82	23.66	24.5	1
3	QPSK	8	4	23.79	23.86	23.66		
3	QPSK	8	7	23.79	23.89	23.61		
3	QPSK	15	0	23.79	23.83	23.68		
3	16QAM	1	0	23.61	23.77	23.59	24.5	1
3	16QAM	1	8	23.70	23.86	23.50		
3	16QAM	1	14	23.62	23.69	23.64		
3	16QAM	8	0	22.73	22.81	22.70	23.5	2
3	16QAM	8	4	22.93	22.91	22.79		
3	16QAM	8	7	22.81	22.93	22.64		
3	16QAM	15	0	22.86	22.84	22.71		
3	64QAM	1	0	22.69	22.78	22.62	23.5	2
3	64QAM	1	8	22.75	22.81	22.56		
3	64QAM	1	14	22.75	22.75	22.55		
3	64QAM	8	0	21.77	21.86	21.64	22.5	3
3	64QAM	8	4	21.87	21.82	21.66		
3	64QAM	8	7	21.81	21.86	21.66		
3	64QAM	15	0	21.85	21.83	21.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.65	24.80	24.51	25.5	0
1.4	QPSK	1	3	24.73	24.85	24.60		
1.4	QPSK	1	5	24.64	24.80	24.50		
1.4	QPSK	3	0	24.67	24.79	24.55		
1.4	QPSK	3	1	24.70	24.87	24.57		
1.4	QPSK	3	3	24.70	24.82	24.52		
1.4	QPSK	6	0	23.73	23.77	23.60	24.5	1
1.4	16QAM	1	0	23.53	23.72	23.51	24.5	1
1.4	16QAM	1	3	23.65	23.82	23.57		
1.4	16QAM	1	5	23.52	23.65	23.50		
1.4	16QAM	3	0	23.52	23.54	23.53		
1.4	16QAM	3	1	23.60	23.63	23.55		
1.4	16QAM	3	3	23.58	23.59	23.54		
1.4	16QAM	6	0	22.79	22.84	22.68	23.5	2
1.4	64QAM	1	0	22.91	22.91	22.71	23.5	2
1.4	64QAM	1	3	22.88	23.09	22.71		
1.4	64QAM	1	5	22.89	23.06	22.66		
1.4	64QAM	3	0	22.81	22.90	22.72		
1.4	64QAM	3	1	22.87	23.01	22.70		
1.4	64QAM	3	3	22.79	22.89	22.70		
1.4	64QAM	6	0	21.73	21.81	21.59	22.5	3

Band 38_Ant2 DSI1&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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.69	24.64	25.5	0
20	QPSK	1	49	24.64	24.55	24.67		
20	QPSK	1	99	24.54	24.64	24.60		
20	QPSK	50	0	23.58	23.64	23.57	24.5	1
20	QPSK	50	24	23.55	23.59	23.59		
20	QPSK	50	50	23.58	23.57	23.60		
20	QPSK	100	0	23.60	23.61	23.57		
20	16QAM	1	0	23.80	23.74	23.77	24.5	1
20	16QAM	1	49	23.77	23.72	23.88		
20	16QAM	1	99	23.70	23.79	23.78		
20	16QAM	50	0	22.56	22.62	22.63	23.5	2
20	16QAM	50	24	22.55	22.62	22.64		
20	16QAM	50	50	22.62	22.62	22.67		
20	16QAM	100	0	22.62	22.60	22.58		
20	64QAM	1	0	22.74	22.65	22.69	23.5	2
20	64QAM	1	49	22.70	22.66	22.79		
20	64QAM	1	99	22.66	22.74	22.85		
20	64QAM	50	0	21.71	21.75	21.76	22.5	3
20	64QAM	50	24	21.69	21.76	21.76		
20	64QAM	50	50	21.77	21.75	21.81		
20	64QAM	100	0	21.88	21.84	21.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.53	24.42	24.55	25.5	0
15	QPSK	1	37	24.49	24.43	24.47		
15	QPSK	1	74	24.46	24.45	24.47		
15	QPSK	36	0	23.48	23.39	23.39	24.5	1
15	QPSK	36	20	23.43	23.40	23.46		
15	QPSK	36	39	23.43	23.38	23.44		
15	QPSK	75	0	23.44	23.43	23.48		
15	16QAM	1	0	23.49	23.40	23.40	24.5	1
15	16QAM	1	37	23.37	23.33	23.44		
15	16QAM	1	74	23.41	23.37	23.47		
15	16QAM	36	0	22.45	22.41	22.37	23.5	2
15	16QAM	36	20	22.44	22.39	22.46		
15	16QAM	36	39	22.41	22.34	22.45		
15	16QAM	75	0	22.49	22.41	22.51		
15	64QAM	1	0	22.48	22.39	22.44	23.5	2
15	64QAM	1	37	22.47	22.36	22.47		
15	64QAM	1	74	22.39	22.38	22.49		
15	64QAM	36	0	21.40	21.34	21.32	22.5	3
15	64QAM	36	20	21.37	21.31	21.39		
15	64QAM	36	39	21.35	21.30	21.37		
15	64QAM	75	0	21.39	21.33	21.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.59	24.47	24.51	25.5	0
10	QPSK	1	25	24.50	24.51	24.52		
10	QPSK	1	49	24.59	24.57	24.55		
10	QPSK	25	0	23.42	23.43	23.28	24.5	1
10	QPSK	25	12	23.40	23.34	23.30		
10	QPSK	25	25	23.40	23.29	23.36		
10	QPSK	50	0	23.42	23.31	23.32		
10	16QAM	1	0	23.59	23.47	23.52	24.5	1
10	16QAM	1	25	23.51	23.46	23.54		
10	16QAM	1	49	23.54	23.42	23.50		
10	16QAM	25	0	22.74	22.55	22.60	23.5	2
10	16QAM	25	12	22.72	22.67	22.65		
10	16QAM	25	25	22.69	22.61	22.72		
10	16QAM	50	0	22.74	22.63	22.65		
10	64QAM	1	0	22.60	22.49	22.51	23.5	2
10	64QAM	1	25	22.57	22.49	22.63		
10	64QAM	1	49	22.63	22.58	22.62		
10	64QAM	25	0	21.70	21.53	21.58	22.5	3
10	64QAM	25	12	21.71	21.64	21.62		
10	64QAM	25	25	21.65	21.59	21.67		
10	64QAM	50	0	21.68	21.59	21.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.61	24.42	24.53	25.5	0
5	QPSK	1	12	24.60	24.46	24.56		
5	QPSK	1	24	24.50	24.47	24.41		
5	QPSK	12	0	23.70	23.44	23.52	24.5	1
5	QPSK	12	7	23.72	23.61	23.72		
5	QPSK	12	13	23.61	23.56	23.54		
5	QPSK	25	0	23.68	23.53	23.51		
5	16QAM	1	0	23.65	23.48	23.47	24.5	1
5	16QAM	1	12	23.64	23.51	23.61		
5	16QAM	1	24	23.59	23.51	23.57		
5	16QAM	12	0	22.69	22.41	22.54	23.5	2
5	16QAM	12	7	22.75	22.62	22.60		
5	16QAM	12	13	22.56	22.54	22.61		
5	16QAM	25	0	22.72	22.61	22.59		
5	64QAM	1	0	22.39	22.23	22.31	23.5	2
5	64QAM	1	12	22.41	22.32	22.42		
5	64QAM	1	24	22.31	22.27	22.39		
5	64QAM	12	0	21.66	21.47	21.53	22.5	3
5	64QAM	12	7	21.74	21.63	21.61		
5	64QAM	12	13	21.56	21.56	21.63		
5	64QAM	25	0	21.65	21.52	21.54		

Band 41_Ant2 DSI1&4

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	24.75	24.67	24.79	24.66	24.55	25.5	0
20	QPSK	1	49	24.70	24.70	24.59	24.56	24.48		
20	QPSK	1	99	24.76	24.67	24.61	24.59	24.48		
20	QPSK	50	0	23.75	23.67	23.83	23.44	23.43	24.5	1
20	QPSK	50	24	23.75	23.67	23.52	23.43	23.44		
20	QPSK	50	50	23.74	23.65	23.50	23.50	23.36		
20	QPSK	100	0	23.74	23.66	23.83	23.49	23.40		
20	16QAM	1	0	24.15	23.93	23.74	23.88	23.81	24.5	1
20	16QAM	1	49	24.03	23.95	23.69	23.79	23.70		
20	16QAM	1	99	23.99	23.84	23.72	23.81	23.68		
20	16QAM	50	0	23.18	23.00	22.74	22.76	22.78	23.5	2
20	16QAM	50	24	23.17	22.99	22.83	22.75	22.75		
20	16QAM	50	50	23.15	22.97	22.82	22.81	22.74		
20	16QAM	100	0	23.18	22.97	22.84	22.83	22.76		
20	64QAM	1	0	22.89	22.86	22.74	22.57	22.72	23.5	2
20	64QAM	1	49	22.88	22.87	23.04	22.72	22.69		
20	64QAM	1	99	22.95	22.93	22.73	22.72	22.68		
20	64QAM	50	0	22.00	21.98	21.73	21.88	21.71	22.5	3
20	64QAM	50	24	22.00	22.00	21.85	21.78	21.72		
20	64QAM	50	50	21.99	21.97	21.83	21.74	21.83		
20	64QAM	100	0	21.95	21.92	21.82	21.86	21.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.71	24.52	24.34	24.39	24.30	25.50	0
15	QPSK	1	37	24.72	24.52	24.36	24.37	24.24		
15	QPSK	1	74	24.65	24.61	24.41	24.47	24.31		
15	QPSK	36	0	23.79	23.57	23.34	23.35	23.32	24.5	1
15	QPSK	36	20	23.79	23.58	23.41	23.39	23.32		
15	QPSK	36	39	23.75	23.53	23.42	23.40	23.30		
15	QPSK	75	0	23.74	23.57	23.43	23.41	23.32		
15	16QAM	1	0	23.77	23.59	23.35	23.44	23.38	24.5	1
15	16QAM	1	37	23.69	23.50	23.35	23.35	23.46		
15	16QAM	1	74	23.74	23.63	23.52	23.50	23.37		
15	16QAM	36	0	22.73	22.54	22.32	22.30	22.31	23.5	2
15	16QAM	36	20	22.71	22.54	22.40	22.39	22.28		
15	16QAM	36	39	22.71	22.51	22.41	22.36	22.28		
15	16QAM	75	0	22.79	22.63	22.47	22.45	22.35		
15	64QAM	1	0	22.69	22.53	22.32	22.39	22.29	23.5	2
15	64QAM	1	37	22.68	22.44	22.30	22.34	22.29		
15	64QAM	1	74	22.64	22.56	22.45	22.42	22.28		
15	64QAM	36	0	21.80	21.60	21.34	21.37	21.35	22.5	3
15	64QAM	36	20	21.78	21.56	21.43	21.43	21.35		
15	64QAM	36	39	21.75	21.57	21.41	21.41	21.31		
15	64QAM	75	0	21.80	21.60	21.46	21.43	21.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.55	24.37	24.39	24.34	25.50	0
10	QPSK	1	25	24.60	24.58	24.57	24.43	24.38		
10	QPSK	1	49	24.77	24.57	24.52	24.42	24.36		
10	QPSK	25	0	23.71	23.70	23.44	23.45	23.47	24.5	1
10	QPSK	25	12	23.81	23.62	23.46	23.38	23.38		
10	QPSK	25	25	23.79	23.59	23.45	23.42	23.43		
10	QPSK	50	0	23.80	23.58	23.43	23.46	23.38		
10	16QAM	1	0	23.86	23.64	23.43	23.47	23.46	24.5	1
10	16QAM	1	25	23.85	23.65	23.47	23.48	23.44		
10	16QAM	1	49	23.82	23.61	23.45	23.45	23.36		
10	16QAM	25	0	22.81	22.62	22.35	22.40	22.38	23.5	2
10	16QAM	25	12	22.82	22.65	22.48	22.43	22.43		
10	16QAM	25	25	22.79	22.58	22.47	22.46	22.38		
10	16QAM	50	0	22.86	22.62	22.49	22.41	22.40		
10	64QAM	1	0	22.80	22.53	22.33	22.38	22.39	23.5	2
10	64QAM	1	25	22.81	22.54	22.42	22.47	22.40		
10	64QAM	1	49	22.79	22.53	22.46	22.46	22.38		
10	64QAM	25	0	21.86	21.67	21.45	21.48	21.48	22.5	3
10	64QAM	25	12	21.92	21.72	21.53	21.49	21.49		
10	64QAM	25	25	21.85	21.63	21.51	21.49	21.43		
10	64QAM	50	0	21.84	21.65	21.51	21.47	21.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.52	24.59	24.37	24.41	24.29	25.50	0
5	QPSK	1	12	24.75	24.63	24.45	24.48	24.36		
5	QPSK	1	24	24.68	24.55	24.38	24.38	24.41		
5	QPSK	12	0	23.63	23.62	23.37	23.35	23.31	24.5	1
5	QPSK	12	7	23.65	23.68	23.50	23.49	23.36		
5	QPSK	12	13	23.78	23.60	23.41	23.41	23.32		
5	QPSK	25	0	23.58	23.59	23.39	23.37	23.27		
5	16QAM	1	0	23.56	23.51	23.29	23.35	23.40	24.5	1
5	16QAM	1	12	23.57	23.59	23.39	23.44	23.37		
5	16QAM	1	24	23.57	23.53	23.43	23.39	23.40		
5	16QAM	12	0	22.59	22.56	22.29	22.31	22.28	23.5	2
5	16QAM	12	7	22.61	22.66	22.45	22.46	22.35		
5	16QAM	12	13	22.74	22.54	22.41	22.38	22.42		
5	16QAM	25	0	22.84	22.63	22.46	22.45	22.36		
5	64QAM	1	0	22.43	22.34	22.18	22.21	22.26	23.5	2
5	64QAM	1	12	22.43	22.48	22.34	22.26	22.21		
5	64QAM	1	24	22.42	22.36	22.25	22.23	22.15		
5	64QAM	12	0	21.86	21.70	21.43	21.41	21.43	22.5	3
5	64QAM	12	7	21.72	21.73	21.56	21.57	21.45		
5	64QAM	12	13	21.70	21.67	21.52	21.52	21.38		
5	64QAM	25	0	21.84	21.65	21.50	21.50	21.38		

GSM850 Ant 3 DSI 4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.87	32.69	32.73	33.50	23.87	23.69	23.73	24.50
GPRS 1 Tx slot	32.86	32.68	32.72	33.50	23.86	23.68	23.72	24.50
GPRS 2 Tx slots	29.42	29.27	29.24	30.50	23.42	23.27	23.24	24.50
GPRS 3 Tx slots	27.47	27.65	27.60	28.50	23.21	23.39	23.34	24.24
GPRS 4 Tx slots	26.23	26.35	26.22	28.00	23.23	23.35	23.22	25.00
EDGE 1 Tx slot	26.53	26.61	26.57	27.00	17.53	17.61	17.57	18.00
EDGE 2 Tx slots	23.50	23.42	23.35	24.00	17.50	17.42	17.35	18.00
EDGE 3 Tx slots	21.66	21.91	21.67	23.00	17.40	17.65	17.41	18.74
EDGE 4 Tx slots	20.39	20.50	20.36	21.00	17.39	17.50	17.36	18.00

WCDMA V Ant 3 Full

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.76	24.73	24.50	25.00
3GPP Rel 99	RMC 12.2Kbps	24.76	24.77	24.52	25.00
3GPP Rel 6	HSDPA Subtest-1	23.83	23.86	23.55	24.00
3GPP Rel 6	HSDPA Subtest-2	23.56	23.81	23.61	24.00
3GPP Rel 6	HSDPA Subtest-3	23.39	23.32	23.11	23.50
3GPP Rel 6	HSDPA Subtest-4	23.38	23.39	23.04	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.84	23.86	23.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.56	23.81	23.62	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.38	23.31	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.38	23.38	23.04	23.50
3GPP Rel 6	HSUPA Subtest-1	23.73	23.74	23.48	24.00
3GPP Rel 6	HSUPA Subtest-2	21.75	21.76	21.48	22.00
3GPP Rel 6	HSUPA Subtest-3	22.76	22.78	22.47	23.00
3GPP Rel 6	HSUPA Subtest-4	21.74	21.78	21.48	22.00
3GPP Rel 6	HSUPA Subtest-5	23.75	23.75	23.45	24.00

Band 5_Ant3 DSI4

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.53	23.56	23.53	24	0
10	QPSK	1	25	23.53	23.54	23.53		
10	QPSK	1	49	23.48	23.51	23.40		
10	QPSK	25	0	22.55	22.66	22.51	23	1
10	QPSK	25	12	22.64	22.52	22.54		
10	QPSK	25	25	22.59	22.55	22.56		
10	QPSK	50	0	22.63	22.65	22.50		
10	16QAM	1	0	22.46	22.47	22.44	23	1
10	16QAM	1	25	22.44	22.41	22.39		
10	16QAM	1	49	22.44	22.35	22.37		
10	16QAM	25	0	21.57	21.53	21.52	22	2
10	16QAM	25	12	21.67	21.55	21.53		
10	16QAM	25	25	21.58	21.57	21.54		
10	16QAM	50	0	21.64	21.52	21.49		
10	64QAM	1	0	21.44	21.43	21.35	22	2
10	64QAM	1	25	21.37	21.34	21.34		
10	64QAM	1	49	21.34	21.31	21.28		
10	64QAM	25	0	20.54	20.53	20.52	21	3
10	64QAM	25	12	20.64	20.54	20.54		
10	64QAM	25	25	20.59	20.57	20.54		
10	64QAM	50	0	20.63	20.50	20.52		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.54	23.53	23.54	24	0
5	QPSK	1	12	23.47	23.47	23.42		
5	QPSK	1	24	23.42	23.39	23.37		
5	QPSK	12	0	22.53	22.51	22.46	23	1
5	QPSK	12	7	22.63	22.61	22.52		
5	QPSK	12	13	22.51	22.52	22.45		
5	QPSK	25	0	22.59	22.44	22.50		
5	16QAM	1	0	22.47	22.46	22.54	23	1
5	16QAM	1	12	22.39	22.53	22.58		
5	16QAM	1	24	22.43	22.45	22.53		
5	16QAM	12	0	21.56	21.54	21.54	22	2
5	16QAM	12	7	21.60	21.63	21.60		
5	16QAM	12	13	21.52	21.52	21.53		
5	16QAM	25	0	21.60	21.48	21.55		
5	64QAM	1	0	21.46	21.42	21.46	22	2
5	64QAM	1	12	21.37	21.38	21.41		
5	64QAM	1	24	21.35	21.27	21.27		
5	64QAM	12	0	20.53	20.50	20.44	21	3
5	64QAM	12	7	20.61	20.59	20.51		
5	64QAM	12	13	20.50	20.49	20.45		
5	64QAM	25	0	20.59	20.49	20.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.52	23.51	23.47	24	0
3	QPSK	1	8	23.55	23.49	23.48		
3	QPSK	1	14	23.45	23.41	23.41		
3	QPSK	8	0	22.54	22.52	22.46	23	1
3	QPSK	8	4	22.62	22.57	22.58		
3	QPSK	8	7	22.58	22.53	22.50		
3	QPSK	15	0	22.50	22.57	22.46		
3	16QAM	1	0	22.49	22.50	22.46	23	1
3	16QAM	1	8	22.51	22.55	22.56		
3	16QAM	1	14	22.46	22.42	22.41		
3	16QAM	8	0	21.57	21.49	21.48	22	2
3	16QAM	8	4	21.68	21.64	21.64		
3	16QAM	8	7	21.61	21.52	21.52		
3	16QAM	15	0	21.51	21.60	21.50		
3	64QAM	1	0	21.50	21.49	21.52	22	2
3	64QAM	1	8	21.54	21.55	21.52		
3	64QAM	1	14	21.46	21.48	21.44		
3	64QAM	8	0	20.55	20.57	20.51	21	3
3	64QAM	8	4	20.63	20.60	20.57		
3	64QAM	8	7	20.59	20.53	20.51		
3	64QAM	15	0	20.55	20.55	20.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.43	23.42	23.39	24	0
1.4	QPSK	1	3	23.42	23.45	23.44		
1.4	QPSK	1	5	23.40	23.41	23.38		
1.4	QPSK	3	0	23.32	23.35	23.26		
1.4	QPSK	3	1	23.52	23.50	23.50		
1.4	QPSK	3	3	23.35	23.39	23.33		
1.4	QPSK	6	0	22.51	22.54	22.39	23	1
1.4	16QAM	1	0	22.42	22.44	22.41	23	1
1.4	16QAM	1	3	22.33	22.34	22.28		
1.4	16QAM	1	5	22.31	22.30	22.27		
1.4	16QAM	3	0	22.33	22.36	22.33		
1.4	16QAM	3	1	22.51	22.50	22.48		
1.4	16QAM	3	3	22.38	22.32	22.34		
1.4	16QAM	6	0	21.40	21.38	21.27	22	2
1.4	64QAM	1	0	21.43	21.41	21.41	22	2
1.4	64QAM	1	3	21.53	21.47	21.54		
1.4	64QAM	1	5	21.37	21.41	21.39		
1.4	64QAM	3	0	21.40	21.44	21.39		
1.4	64QAM	3	1	21.44	21.45	21.42		
1.4	64QAM	3	3	21.40	21.38	21.37		
1.4	64QAM	6	0	20.52	20.52	20.40	21	3

Band 12_Ant3 DSI1&4&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		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.34	24.45	24.33	25	0
10	QPSK	1	25	24.33	24.36	24.32		
10	QPSK	1	49	24.39	24.28	24.34		
10	QPSK	25	0	23.13	23.38	23.16	24	1
10	QPSK	25	12	23.21	23.17	23.21		
10	QPSK	25	25	23.23	23.22	23.20		
10	QPSK	50	0	23.24	23.37	23.23		
10	16QAM	1	0	23.42	23.43	23.42	24	1
10	16QAM	1	25	23.35	23.44	23.39		
10	16QAM	1	49	23.50	23.44	23.47		
10	16QAM	25	0	22.51	22.47	22.45	23	2
10	16QAM	25	12	22.54	22.52	22.54		
10	16QAM	25	25	22.54	22.52	22.51		
10	16QAM	50	0	22.53	22.48	22.54		
10	64QAM	1	0	22.46	22.40	22.43	23	2
10	64QAM	1	25	22.45	22.42	22.46		
10	64QAM	1	49	22.54	22.41	22.47		
10	64QAM	25	0	21.24	21.37	21.23	22	3
10	64QAM	25	12	21.56	21.51	21.55		
10	64QAM	25	25	21.52	21.52	21.49		
10	64QAM	50	0	21.55	21.50	21.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.40	24.41	24.36	25	0
5	QPSK	1	12	24.33	24.37	24.32		
5	QPSK	1	24	24.32	24.32	24.34		
5	QPSK	12	0	23.34	23.33	23.32	24	1
5	QPSK	12	7	23.40	23.42	23.35		
5	QPSK	12	13	23.32	23.36	23.34		
5	QPSK	25	0	23.35	23.28	23.31		
5	16QAM	1	0	23.38	23.37	23.34	24	1
5	16QAM	1	12	23.34	23.39	23.32		
5	16QAM	1	24	23.32	23.34	23.31		
5	16QAM	12	0	22.41	22.45	22.48	23	2
5	16QAM	12	7	22.54	22.55	22.47		
5	16QAM	12	13	22.45	22.46	22.44		
5	16QAM	25	0	22.52	22.44	22.40		
5	64QAM	1	0	22.58	22.58	22.54	23	2
5	64QAM	1	12	22.57	22.57	22.62		
5	64QAM	1	24	22.50	22.54	22.55		
5	64QAM	12	0	21.42	21.46	21.40	22	3
5	64QAM	12	7	21.50	21.55	21.45		
5	64QAM	12	13	21.40	21.46	21.45		
5	64QAM	25	0	21.50	21.45	21.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.43	24.41	24.40	25	0
3	QPSK	1	8	24.39	24.42	24.38		
3	QPSK	1	14	24.33	24.37	24.37		
3	QPSK	8	0	23.44	23.44	23.39	24	1
3	QPSK	8	4	23.51	23.49	23.48		
3	QPSK	8	7	23.47	23.47	23.46		
3	QPSK	15	0	23.50	23.50	23.47		
3	16QAM	1	0	23.34	23.37	23.37	24	1
3	16QAM	1	8	23.35	23.41	23.38		
3	16QAM	1	14	23.29	23.32	23.34		
3	16QAM	8	0	22.45	22.43	22.44	23	2
3	16QAM	8	4	22.60	22.58	22.57		
3	16QAM	8	7	22.49	22.51	22.45		
3	16QAM	15	0	22.53	22.56	22.50		
3	64QAM	1	0	22.30	22.34	22.29	23	2
3	64QAM	1	8	22.29	22.32	22.27		
3	64QAM	1	14	22.26	22.28	22.28		
3	64QAM	8	0	21.46	21.51	21.48	22	3
3	64QAM	8	4	21.49	21.53	21.50		
3	64QAM	8	7	21.50	21.50	21.47		
3	64QAM	15	0	21.51	21.54	21.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.30	24.30	24.32	25	0
1.4	QPSK	1	3	24.31	24.35	24.33		
1.4	QPSK	1	5	24.29	24.29	24.30		
1.4	QPSK	3	0	24.19	24.19	24.14		
1.4	QPSK	3	1	24.40	24.36	24.29		
1.4	QPSK	3	3	24.23	24.26	24.23		
1.4	QPSK	6	0	23.32	23.31	23.23	24	1
1.4	16QAM	1	0	23.34	23.27	23.29	24	1
1.4	16QAM	1	3	23.37	23.36	23.35		
1.4	16QAM	1	5	23.41	23.28	23.26		
1.4	16QAM	3	0	23.14	23.15	23.10		
1.4	16QAM	3	1	23.18	23.16	23.12		
1.4	16QAM	3	3	23.16	23.13	23.08		
1.4	16QAM	6	0	22.21	22.22	22.13	23	2
1.4	64QAM	1	0	22.34	22.28	22.36	23	2
1.4	64QAM	1	3	22.39	22.37	22.35		
1.4	64QAM	1	5	22.30	22.30	22.34		
1.4	64QAM	3	0	22.23	22.21	22.22		
1.4	64QAM	3	1	22.30	22.28	22.28		
1.4	64QAM	3	3	22.21	22.25	22.27		
1.4	64QAM	6	0	21.29	21.24	21.15	22	3

Band 13_Ant3 DSI4

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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		24.09		24.5	0
10	QPSK	1	25		24.07			
10	QPSK	1	49		24.04			
10	QPSK	25	0		23.26		23.5	1
10	QPSK	25	12		23.16			
10	QPSK	25	25		23.21			
10	QPSK	50	0		23.26			
10	16QAM	1	0		23.07		23.5	1
10	16QAM	1	25		23.03			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.17		22.5	2
10	16QAM	25	12		22.28			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.26			
10	64QAM	1	0		22.06		22.5	2
10	64QAM	1	25		22.01			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.02		21.5	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.02			
10	64QAM	50	0		21.04			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.08	24.06	24.07	24.5	0
5	QPSK	1	12	24.03	24.07	24.04		
5	QPSK	1	24	24.08	24.07	24.07		
5	QPSK	12	0	23.14	23.12	23.17	23.5	1
5	QPSK	12	7	23.25	23.22	23.16		
5	QPSK	12	13	23.20	23.17	23.21		
5	QPSK	25	0	23.19	23.19	23.10		
5	16QAM	1	0	22.93	22.97	22.95	23.5	1
5	16QAM	1	12	22.90	22.93	22.93		
5	16QAM	1	24	22.94	22.94	22.91		
5	16QAM	12	0	22.05	22.06	22.08	22.5	2
5	16QAM	12	7	22.15	22.11	22.03		
5	16QAM	12	13	22.13	22.10	22.10		
5	16QAM	25	0	22.13	22.13	22.04		
5	64QAM	1	0	22.00	21.98	22.01	22.5	2
5	64QAM	1	12	22.08	22.05	22.09		
5	64QAM	1	24	21.95	21.97	21.97		
5	64QAM	12	0	21.13	21.15	21.18	21.5	3
5	64QAM	12	7	21.21	21.24	21.18		
5	64QAM	12	13	21.19	21.20	21.21		
5	64QAM	25	0	21.21	21.22	21.16		

Band 17_Ant3 DSI1&4&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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.28	24.37	24.28	25	0
10	QPSK	1	25	24.31	24.32	24.32		
10	QPSK	1	49	24.36	24.33	24.26		
10	QPSK	25	0	23.14	23.35	23.13	24	1
10	QPSK	25	12	23.27	23.22	23.28		
10	QPSK	25	25	23.27	23.31	23.28		
10	QPSK	50	0	23.28	23.29	23.26		
10	16QAM	1	0	23.33	23.35	23.34	24	1
10	16QAM	1	25	23.35	23.38	23.36		
10	16QAM	1	49	23.42	23.40	23.36		
10	16QAM	25	0	22.36	22.38	22.35	23	2
10	16QAM	25	12	22.52	22.45	22.51		
10	16QAM	25	25	22.49	22.49	22.49		
10	16QAM	50	0	22.47	22.40	22.47		
10	64QAM	1	0	22.33	22.32	22.35	23	2
10	64QAM	1	25	22.46	22.50	22.37		
10	64QAM	1	49	22.51	22.44	22.40		
10	64QAM	25	0	21.36	21.37	21.38	22	3
10	64QAM	25	12	21.52	21.46	21.51		
10	64QAM	25	25	21.47	21.49	21.48		
10	64QAM	50	0	21.46	21.41	21.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.28	24.32	24.30	25	0
5	QPSK	1	12	24.29	24.30	24.34		
5	QPSK	1	24	24.36	24.34	24.35		
5	QPSK	12	0	23.34	23.37	23.35	24	1
5	QPSK	12	7	23.47	23.49	23.45		
5	QPSK	12	13	23.43	23.42	23.45		
5	QPSK	25	0	23.44	23.33	23.33		
5	16QAM	1	0	23.36	23.32	23.33	24	1
5	16QAM	1	12	23.36	23.31	23.41		
5	16QAM	1	24	23.35	23.41	23.37		
5	16QAM	12	0	22.34	22.38	22.35	23	2
5	16QAM	12	7	22.48	22.47	22.50		
5	16QAM	12	13	22.43	22.45	22.44		
5	16QAM	25	0	22.47	22.38	22.38		
5	64QAM	1	0	22.30	22.30	22.28	23	2
5	64QAM	1	12	22.29	22.30	22.36		
5	64QAM	1	24	22.33	22.33	22.28		
5	64QAM	12	0	21.36	21.35	21.33	22	3
5	64QAM	12	7	21.49	21.50	21.47		
5	64QAM	12	13	21.46	21.42	21.42		
5	64QAM	25	0	21.45	21.38	21.35		

Band 26_Ant3 DSI4

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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.28	24.33	24.29	25	0
15	QPSK	1	37	24.32	24.27	24.24		
15	QPSK	1	74	24.32	24.32	24.20		
15	QPSK	36	0	23.24	23.27	23.22	24	1
15	QPSK	36	20	23.20	22.91	23.07		
15	QPSK	36	39	23.18	23.15	23.09		
15	QPSK	75	0	23.17	23.19	23.15		
15	16QAM	1	0	23.30	23.33	23.32	24	1
15	16QAM	1	37	23.32	22.91	23.32		
15	16QAM	1	74	23.38	23.29	23.22		
15	16QAM	36	0	22.38	22.37	22.32	23	2
15	16QAM	36	20	22.41	22.37	22.29		
15	16QAM	36	39	22.39	22.38	22.29		
15	16QAM	75	0	22.41	22.32	22.28		
15	64QAM	1	0	22.38	22.26	22.40	23	2
15	64QAM	1	37	22.21	22.48	22.19		
15	64QAM	1	74	22.41	22.21	22.08		
15	64QAM	36	0	21.36	21.38	21.33	22	3
15	64QAM	36	20	21.42	21.34	21.28		
15	64QAM	36	39	21.36	21.37	21.31		
15	64QAM	75	0	21.41	21.33	21.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.29	24.32	24.27	25	0
10	QPSK	1	25	24.28	24.29	24.24		
10	QPSK	1	49	24.24	24.25	24.11		
10	QPSK	25	0	23.23	23.45	23.39	24	1
10	QPSK	25	12	23.51	23.26	23.41		
10	QPSK	25	25	23.44	23.40	23.42		
10	QPSK	50	0	23.51	23.22	23.37		
10	16QAM	1	0	23.17	23.28	23.26	24	1
10	16QAM	1	25	23.24	23.21	23.21		
10	16QAM	1	49	23.25	23.23	23.11		
10	16QAM	25	0	22.34	22.38	22.32	23	2
10	16QAM	25	12	22.45	22.37	22.29		
10	16QAM	25	25	22.36	22.39	22.25		
10	16QAM	50	0	22.43	22.35	22.28		
10	64QAM	1	0	22.35	22.38	22.28	23	2
10	64QAM	1	25	22.33	22.24	22.25		
10	64QAM	1	49	22.28	22.30	22.17		
10	64QAM	25	0	21.36	21.36	21.30	22	3
10	64QAM	25	12	21.48	21.40	21.30		
10	64QAM	25	25	21.37	21.38	21.27		
10	64QAM	50	0	21.39	21.34	21.28		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.24	24.29	24.28	25	0
5	QPSK	1	12	24.16	24.15	24.26		
5	QPSK	1	24	24.32	24.27	24.31		
5	QPSK	12	0	22.96	23.03	23.01	24	1
5	QPSK	12	7	23.11	23.06	23.08		
5	QPSK	12	13	23.07	23.06	22.94		
5	QPSK	25	0	22.74	22.72	22.93		
5	16QAM	1	0	23.05	23.31	23.26	24	1
5	16QAM	1	12	23.28	23.12	23.25		
5	16QAM	1	24	23.22	23.27	23.19		
5	16QAM	12	0	22.09	22.11	22.00	23	2
5	16QAM	12	7	22.21	22.11	22.08		
5	16QAM	12	13	22.07	22.08	21.96		
5	16QAM	25	0	22.16	22.06	21.97		
5	64QAM	1	0	22.06	22.05	22.01	23	2
5	64QAM	1	12	22.09	22.08	21.98		
5	64QAM	1	24	21.99	22.05	21.94		
5	64QAM	12	0	21.07	21.10	21.01	22	3
5	64QAM	12	7	21.18	21.10	21.09		
5	64QAM	12	13	21.05	21.07	20.96		
5	64QAM	25	0	21.16	21.02	20.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.31	24.25	24.28	25	0
3	QPSK	1	8	24.23	24.21	24.27		
3	QPSK	1	14	24.25	24.13	24.18		
3	QPSK	8	0	23.28	23.15	23.33	24	1
3	QPSK	8	4	23.27	23.19	23.29		
3	QPSK	8	7	23.35	23.21	23.25		
3	QPSK	15	0	23.14	23.15	23.28		
3	16QAM	1	0	23.36	23.08	23.22	24	1
3	16QAM	1	8	23.25	23.17	23.25		
3	16QAM	1	14	23.26	23.21	23.26		
3	16QAM	8	0	22.01	22.02	22.01	23	2
3	16QAM	8	4	22.19	22.17	22.06		
3	16QAM	8	7	22.07	22.05	21.94		
3	16QAM	15	0	22.12	22.03	22.02		
3	64QAM	1	0	22.23	22.23	22.12	23	2
3	64QAM	1	8	22.24	22.18	22.15		
3	64QAM	1	14	22.15	21.98	22.06		
3	64QAM	8	0	21.16	21.16	21.17	22	3
3	64QAM	8	4	21.24	21.20	21.13		
3	64QAM	8	7	21.19	21.20	21.04		
3	64QAM	15	0	21.20	21.14	21.09		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.25	23.88	24.12	25	0
1.4	QPSK	1	3	24.26	23.92	24.12		
1.4	QPSK	1	5	24.08	23.85	24.06		
1.4	QPSK	3	0	24.12	24.09	24.04		
1.4	QPSK	3	1	24.20	24.13	24.11		
1.4	QPSK	3	3	24.04	24.04	24.08		
1.4	QPSK	6	0	23.00	22.82	22.92	24	1
1.4	16QAM	1	0	23.05	22.87	22.94	24	1
1.4	16QAM	1	3	23.18	23.10	23.01		
1.4	16QAM	1	5	23.04	22.82	22.89		
1.4	16QAM	3	0	22.86	22.83	22.76		
1.4	16QAM	3	1	22.88	22.85	22.78		
1.4	16QAM	3	3	22.80	22.81	22.71		
1.4	16QAM	6	0	21.89	21.82	21.77	23	2
1.4	64QAM	1	0	22.01	21.91	21.91	23	2
1.4	64QAM	1	3	22.02	22.01	21.89		
1.4	64QAM	1	5	21.97	21.93	21.82		
1.4	64QAM	3	0	21.89	21.87	21.79		
1.4	64QAM	3	1	21.90	21.89	21.83		
1.4	64QAM	3	3	21.84	21.83	21.78		
1.4	64QAM	6	0	20.84	20.79	20.73	22	3

Band 4_Ant4 DSI3&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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.50	23.55	23.52	24	0
20	QPSK	1	49	23.53	23.43	23.37		
20	QPSK	1	99	23.32	23.38	23.38		
20	QPSK	50	0	22.55	22.60	22.56	23	1
20	QPSK	50	24	22.57	22.53	22.55		
20	QPSK	50	50	22.49	22.50	22.45		
20	QPSK	100	0	22.50	22.54	22.53		
20	16QAM	1	0	22.40	22.50	22.36	23	1
20	16QAM	1	49	22.44	22.31	22.36		
20	16QAM	1	99	22.28	22.19	22.34		
20	16QAM	50	0	21.58	21.61	21.57	22	2
20	16QAM	50	24	21.59	21.52	21.57		
20	16QAM	50	50	21.52	21.54	21.48		
20	16QAM	100	0	21.57	21.52	21.52		
20	64QAM	1	0	21.39	21.58	21.38	22	2
20	64QAM	1	49	21.67	21.29	21.48		
20	64QAM	1	99	21.47	21.36	21.58		
20	64QAM	50	0	20.46	20.49	20.46	21	3
20	64QAM	50	24	20.48	20.46	20.45		
20	64QAM	50	50	20.40	20.41	20.36		
20	64QAM	100	0	20.47	20.41	20.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.49	23.47	23.48	24	0
15	QPSK	1	37	23.45	23.46	23.40		
15	QPSK	1	74	23.31	23.33	23.24		
15	QPSK	36	0	22.19	22.44	22.15	23	1
15	QPSK	36	20	22.25	22.39	22.28		
15	QPSK	36	39	22.21	22.38	22.27		
15	QPSK	75	0	22.12	22.12	22.02		
15	16QAM	1	0	22.45	22.38	22.47	23	1
15	16QAM	1	37	22.27	22.25	22.20		
15	16QAM	1	74	22.31	22.32	22.23		
15	16QAM	36	0	21.19	21.44	21.15	22	2
15	16QAM	36	20	21.26	21.42	21.29		
15	16QAM	36	39	21.19	21.38	21.28		
15	16QAM	75	0	21.14	21.10	21.02		
15	64QAM	1	0	21.33	21.42	21.06	22	2
15	64QAM	1	37	21.02	21.05	21.18		
15	64QAM	1	74	21.37	20.96	21.28		
15	64QAM	36	0	20.25	20.39	20.38	21	3
15	64QAM	36	20	20.37	20.26	20.11		
15	64QAM	36	39	20.33	20.28	20.13		
15	64QAM	75	0	20.32	20.56	20.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.48	23.49	23.52	24	0
10	QPSK	1	25	23.48	23.34	23.49		
10	QPSK	1	49	23.34	23.23	23.50		
10	QPSK	25	0	22.65	22.49	22.60	23	1
10	QPSK	25	12	22.36	22.42	22.28		
10	QPSK	25	25	22.56	22.23	22.33		
10	QPSK	50	0	22.35	22.67	22.36		
10	16QAM	1	0	22.40	22.32	22.40	23	1
10	16QAM	1	25	22.49	22.27	22.22		
10	16QAM	1	49	22.24	22.16	22.42		
10	16QAM	25	0	21.42	21.32	21.37	22	2
10	16QAM	25	12	21.54	21.59	21.48		
10	16QAM	25	25	21.75	21.45	21.53		
10	16QAM	50	0	21.55	21.55	21.55		
10	64QAM	1	0	21.23	21.35	21.35	22	2
10	64QAM	1	25	21.13	21.04	21.14		
10	64QAM	1	49	21.47	21.32	21.11		
10	64QAM	25	0	20.31	20.44	20.30	21	3
10	64QAM	25	12	20.27	20.52	20.37		
10	64QAM	25	25	20.52	20.59	20.47		
10	64QAM	50	0	20.58	20.39	20.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.40	23.50	23.37	24	0
5	QPSK	1	12	23.49	23.50	23.54		
5	QPSK	1	24	23.45	23.40	23.33		
5	QPSK	12	0	22.47	22.59	22.72	23	1
5	QPSK	12	7	22.46	22.64	22.62		
5	QPSK	12	13	22.60	22.43	22.60		
5	QPSK	25	0	22.78	22.53	22.60		
5	16QAM	1	0	22.49	22.63	22.47	23	1
5	16QAM	1	12	22.57	22.65	22.63		
5	16QAM	1	24	22.55	22.51	22.44		
5	16QAM	12	0	21.39	21.51	21.63	22	2
5	16QAM	12	7	21.34	21.53	21.52		
5	16QAM	12	13	21.50	21.34	21.49		
5	16QAM	25	0	21.67	21.45	21.51		
5	64QAM	1	0	21.47	21.55	21.50	22	2
5	64QAM	1	12	21.77	21.65	21.61		
5	64QAM	1	24	21.33	21.57	21.49		
5	64QAM	12	0	20.32	20.41	20.58	21	3
5	64QAM	12	7	20.51	20.65	20.69		
5	64QAM	12	13	20.66	20.48	20.39		
5	64QAM	25	0	20.55	20.64	20.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.43	23.39	24	0
3	QPSK	1	8	23.54	23.50	23.44		
3	QPSK	1	14	23.48	23.51	23.42		
3	QPSK	8	0	22.51	22.43	22.32	23	1
3	QPSK	8	4	22.56	22.51	22.43		
3	QPSK	8	7	22.40	22.54	22.48		
3	QPSK	15	0	22.53	22.48	22.40		
3	16QAM	1	0	22.40	22.42	22.43	23	1
3	16QAM	1	8	22.53	22.56	22.51		
3	16QAM	1	14	22.46	22.55	22.46		
3	16QAM	8	0	21.56	21.51	21.37	22	2
3	16QAM	8	4	21.64	21.55	21.47		
3	16QAM	8	7	21.58	21.59	21.55		
3	16QAM	15	0	21.59	21.49	21.43		
3	64QAM	1	0	21.41	21.39	21.41	22	2
3	64QAM	1	8	21.51	21.44	21.43		
3	64QAM	1	14	21.44	21.45	21.41		
3	64QAM	8	0	20.59	20.46	20.47	21	3
3	64QAM	8	4	20.58	20.51	20.44		
3	64QAM	8	7	20.57	20.59	20.51		
3	64QAM	15	0	20.55	20.48	20.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.39	23.45	23.33	24	0
1.4	QPSK	1	3	23.43	23.47	23.39		
1.4	QPSK	1	5	23.39	23.41	23.37		
1.4	QPSK	3	0	23.36	23.29	23.27		
1.4	QPSK	3	1	23.45	23.51	23.50		
1.4	QPSK	3	3	23.38	23.40	23.25		
1.4	QPSK	6	0	22.49	22.44	22.11	23	1
1.4	16QAM	1	0	22.40	22.45	22.42	23	1
1.4	16QAM	1	3	22.55	22.56	22.57		
1.4	16QAM	1	5	22.45	22.46	22.39		
1.4	16QAM	3	0	22.44	22.46	22.38		
1.4	16QAM	3	1	22.50	22.54	22.42		
1.4	16QAM	3	3	22.44	22.46	22.36		
1.4	16QAM	6	0	21.55	21.50	21.46	22	2
1.4	64QAM	1	0	21.47	21.45	21.47	22	2
1.4	64QAM	1	3	21.48	21.60	21.52		
1.4	64QAM	1	5	21.47	21.57	21.49		
1.4	64QAM	3	0	21.39	21.41	21.35		
1.4	64QAM	3	1	21.44	21.51	21.39		
1.4	64QAM	3	3	21.38	21.44	21.34		
1.4	64QAM	6	0	20.49	20.45	20.43	21	3

Band 7_Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.20	23.27	23.12	23.5	0
20	QPSK	1	49	23.20	23.26	23.25		
20	QPSK	1	99	23.24	23.26	23.21		
20	QPSK	50	0	22.11	22.16	22.14	22.5	1
20	QPSK	50	24	22.15	22.15	22.13		
20	QPSK	50	50	22.15	22.11	22.13		
20	QPSK	100	0	22.11	22.12	22.08		
20	16QAM	1	0	22.21	22.22	22.17	22.5	1
20	16QAM	1	49	22.27	22.30	22.17		
20	16QAM	1	99	22.31	22.32	22.23		
20	16QAM	50	0	21.22	21.22	21.13	21.5	2
20	16QAM	50	24	21.33	21.26	21.17		
20	16QAM	50	50	21.34	21.34	21.25		
20	16QAM	100	0	21.29	21.22	21.13		
20	64QAM	1	0	21.30	21.27	21.24	21.5	2
20	64QAM	1	49	21.26	21.22	21.31		
20	64QAM	1	99	21.29	21.26	21.23		
20	64QAM	50	0	20.17	20.18	20.11	20.5	3
20	64QAM	50	24	20.34	20.26	20.15		
20	64QAM	50	50	20.31	20.31	20.23		
20	64QAM	100	0	20.31	20.23	20.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.24	23.09	23.5	0
15	QPSK	1	37	23.20	23.21	23.14		
15	QPSK	1	74	23.17	23.18	23.10		
15	QPSK	36	0	22.17	22.18	22.28	22.5	1
15	QPSK	36	20	22.26	22.23	22.20		
15	QPSK	36	39	22.25	22.26	22.22		
15	QPSK	75	0	22.28	22.21	22.27		
15	16QAM	1	0	22.25	22.24	22.08	22.5	1
15	16QAM	1	37	22.26	22.34	22.16		
15	16QAM	1	74	22.26	22.20	22.12		
15	16QAM	36	0	21.22	21.22	21.32	21.5	2
15	16QAM	36	20	21.31	21.19	21.16		
15	16QAM	36	39	21.21	21.17	21.23		
15	16QAM	75	0	21.22	21.21	21.30		
15	64QAM	1	0	21.34	21.24	20.96	21.5	2
15	64QAM	1	37	21.07	20.94	21.08		
15	64QAM	1	74	21.18	21.24	21.15		
15	64QAM	36	0	20.02	20.14	20.04	20.5	3
15	64QAM	36	20	20.28	20.16	20.04		
15	64QAM	36	39	20.27	20.09	19.99		
15	64QAM	75	0	20.06	19.96	20.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.23	23.17	23.11	23.5	0
10	QPSK	1	25	23.14	23.23	23.23		
10	QPSK	1	49	23.26	23.17	23.22		
10	QPSK	25	0	21.85	22.17	21.84	22.5	1
10	QPSK	25	12	22.07	21.95	22.11		
10	QPSK	25	25	22.17	21.97	21.86		
10	QPSK	50	0	21.75	22.13	22.04		
10	16QAM	1	0	22.24	22.16	22.13	22.5	1
10	16QAM	1	25	22.13	22.24	22.31		
10	16QAM	1	49	22.24	22.19	22.28		
10	16QAM	25	0	20.86	21.15	20.85	21.5	2
10	16QAM	25	12	21.09	20.97	21.12		
10	16QAM	25	25	21.18	20.96	20.86		
10	16QAM	50	0	20.73	21.14	21.03		
10	64QAM	1	0	21.01	21.13	21.07	21.5	2
10	64QAM	1	25	20.91	21.05	20.92		
10	64QAM	1	49	21.28	21.26	21.33		
10	64QAM	25	0	20.25	20.16	20.26	20.5	3
10	64QAM	25	12	20.24	20.20	20.26		
10	64QAM	25	25	20.26	20.24	20.15		
10	64QAM	50	0	20.17	20.21	20.21		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.21	23.20	23.24	23.5	0
5	QPSK	1	12	23.17	23.18	22.99		
5	QPSK	1	24	23.17	22.98	22.82		
5	QPSK	12	0	22.31	22.12	22.28	22.5	1
5	QPSK	12	7	22.29	22.16	22.10		
5	QPSK	12	13	22.26	22.19	21.88		
5	QPSK	25	0	22.01	21.89	22.30		
5	16QAM	1	0	22.30	22.21	22.10	22.5	1
5	16QAM	1	12	22.12	22.16	22.13		
5	16QAM	1	24	22.31	22.12	22.21		
5	16QAM	12	0	21.12	21.13	20.92	21.5	2
5	16QAM	12	7	21.00	20.74	20.92		
5	16QAM	12	13	21.04	21.15	20.91		
5	16QAM	25	0	20.84	20.94	20.96		
5	64QAM	1	0	21.24	21.21	21.26	21.5	2
5	64QAM	1	12	21.28	21.32	21.34		
5	64QAM	1	24	21.28	21.23	21.14		
5	64QAM	12	0	19.86	20.18	20.00	20.5	3
5	64QAM	12	7	20.19	19.86	20.22		
5	64QAM	12	13	20.17	20.07	20.01		
5	64QAM	25	0	20.24	20.05	20.09		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.47	23.52	23.43	24	0
20	QPSK	1	49	23.43	23.42	23.39		
20	QPSK	1	99	23.19	23.40	23.25		
20	QPSK	50	0	22.59	22.62	22.48	23	1
20	QPSK	50	24	22.61	22.53	22.43		
20	QPSK	50	50	22.55	22.53	22.43		
20	QPSK	100	0	22.52	22.56	22.51		
20	16QAM	1	0	22.51	22.53	22.52	23	1
20	16QAM	1	49	22.47	22.53	22.39		
20	16QAM	1	99	22.34	22.46	22.28		
20	16QAM	50	0	21.54	21.53	21.49	22	2
20	16QAM	50	24	21.64	21.54	21.46		
20	16QAM	50	50	21.54	21.57	21.45		
20	16QAM	100	0	21.57	21.48	21.40		
20	64QAM	1	0	21.53	21.35	21.53	22	2
20	64QAM	1	49	21.51	21.55	21.34		
20	64QAM	1	99	21.36	21.53	21.37		
20	64QAM	50	0	20.54	20.54	20.47	21	3
20	64QAM	50	24	20.63	20.53	20.48		
20	64QAM	50	50	20.56	20.52	20.45		
20	64QAM	100	0	20.58	20.52	20.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.43	23.48	23.41	24	0
15	QPSK	1	37	23.43	23.44	23.37		
15	QPSK	1	74	23.38	23.36	23.27		
15	QPSK	36	0	22.51	22.51	22.43	23	1
15	QPSK	36	20	22.58	22.52	22.52		
15	QPSK	36	39	22.54	22.53	22.42		
15	QPSK	75	0	22.54	22.49	22.38		
15	16QAM	1	0	22.75	22.68	22.72	23	1
15	16QAM	1	37	22.76	22.83	22.67		
15	16QAM	1	74	22.70	22.76	22.66		
15	16QAM	36	0	21.52	21.52	21.41	22	2
15	16QAM	36	20	21.61	21.51	21.50		
15	16QAM	36	39	21.56	21.53	21.44		
15	16QAM	75	0	21.58	21.50	21.39		
15	64QAM	1	0	21.65	21.52	21.60	22	2
15	64QAM	1	37	21.66	21.71	21.61		
15	64QAM	1	74	21.60	21.75	21.61		
15	64QAM	36	0	20.49	20.51	20.45	21	3
15	64QAM	36	20	20.61	20.52	20.50		
15	64QAM	36	39	20.52	20.55	20.43		
15	64QAM	75	0	20.57	20.46	20.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.37	23.32	23.33	24	0
10	QPSK	1	25	23.39	23.38	23.30		
10	QPSK	1	49	23.33	23.35	23.20		
10	QPSK	25	0	22.51	22.49	22.40	23	1
10	QPSK	25	12	22.57	22.49	22.46		
10	QPSK	25	25	22.52	22.53	22.41		
10	QPSK	50	0	22.53	22.48	22.46		
10	16QAM	1	0	22.30	22.27	22.28	23	1
10	16QAM	1	25	22.27	22.25	22.19		
10	16QAM	1	49	22.22	22.22	22.13		
10	16QAM	25	0	21.49	21.49	21.41	22	2
10	16QAM	25	12	21.58	21.48	21.46		
10	16QAM	25	25	21.51	21.50	21.39		
10	16QAM	50	0	21.57	21.47	21.46		
10	64QAM	1	0	21.39	21.40	21.28	22	2
10	64QAM	1	25	21.42	21.43	21.29		
10	64QAM	1	49	21.35	21.33	21.29		
10	64QAM	25	0	20.48	20.49	20.40	21	3
10	64QAM	25	12	20.59	20.53	20.49		
10	64QAM	25	25	20.54	20.51	20.38		
10	64QAM	50	0	20.54	20.47	20.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.30	23.32	24	0
5	QPSK	1	12	23.35	23.18	23.29		
5	QPSK	1	24	23.26	23.29	23.33		
5	QPSK	12	0	22.45	22.41	22.36	23	1
5	QPSK	12	7	22.59	22.47	22.38		
5	QPSK	12	13	22.50	22.46	22.34		
5	QPSK	25	0	22.48	22.41	22.25		
5	16QAM	1	0	22.30	22.31	22.11	23	1
5	16QAM	1	12	22.12	22.10	22.13		
5	16QAM	1	24	22.12	22.16	22.09		
5	16QAM	12	0	21.45	21.46	21.35	22	2
5	16QAM	12	7	21.60	21.47	21.40		
5	16QAM	12	13	21.53	21.50	21.39		
5	16QAM	25	0	21.54	21.40	21.34		
5	64QAM	1	0	21.29	21.38	21.27	22	2
5	64QAM	1	12	21.34	21.38	21.23		
5	64QAM	1	24	21.27	21.23	21.18		
5	64QAM	12	0	20.33	20.26	20.21	21	3
5	64QAM	12	7	20.45	20.35	20.27		
5	64QAM	12	13	20.40	20.37	20.27		
5	64QAM	25	0	20.42	20.35	20.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.43	23.39	23.36	24	0
3	QPSK	1	8	23.44	23.29	23.39		
3	QPSK	1	14	23.43	23.31	23.30		
3	QPSK	8	0	22.54	22.44	22.43	23	1
3	QPSK	8	4	22.54	22.41	22.42		
3	QPSK	8	7	22.53	22.46	22.43		
3	QPSK	15	0	22.55	22.53	22.49		
3	16QAM	1	0	22.53	22.41	22.74	23	1
3	16QAM	1	8	22.62	22.41	22.53		
3	16QAM	1	14	22.53	22.42	22.44		
3	16QAM	8	0	21.54	21.45	21.43	22	2
3	16QAM	8	4	21.62	21.51	21.55		
3	16QAM	8	7	21.52	21.48	21.47		
3	16QAM	15	0	21.58	21.39	21.43		
3	64QAM	1	0	21.67	21.52	21.49	22	2
3	64QAM	1	8	21.65	21.65	21.52		
3	64QAM	1	14	21.66	21.49	21.52		
3	64QAM	8	0	20.56	20.48	20.49	21	3
3	64QAM	8	4	20.56	20.56	20.52		
3	64QAM	8	7	20.52	20.56	20.44		
3	64QAM	15	0	20.56	20.45	20.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.39	23.40	23.27	24	0
1.4	QPSK	1	3	23.41	23.45	23.28		
1.4	QPSK	1	5	23.39	23.37	23.25		
1.4	QPSK	3	0	23.25	23.43	23.17		
1.4	QPSK	3	1	23.42	23.43	23.35		
1.4	QPSK	3	3	23.33	23.42	23.26		
1.4	QPSK	6	0	22.47	22.48	22.29	23	1
1.4	16QAM	1	0	22.57	22.50	22.48	23	1
1.4	16QAM	1	3	22.67	22.69	22.49		
1.4	16QAM	1	5	22.63	22.61	22.53		
1.4	16QAM	3	0	22.39	22.36	22.24		
1.4	16QAM	3	1	22.40	22.41	22.32		
1.4	16QAM	3	3	22.34	22.35	22.25		
1.4	16QAM	6	0	21.52	21.49	21.34	22	2
1.4	64QAM	1	0	21.41	21.47	21.36	22	2
1.4	64QAM	1	3	21.49	21.51	21.34		
1.4	64QAM	1	5	21.41	21.39	21.40		
1.4	64QAM	3	0	21.35	21.36	21.26		
1.4	64QAM	3	1	21.35	21.45	21.36		
1.4	64QAM	3	3	21.30	21.36	21.23		
1.4	64QAM	6	0	20.50	20.47	20.25	21	3

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.15	23.23	22.96	23.5	0
20	QPSK	1	49	23.21	22.99	22.98		
20	QPSK	1	99	23.21	23.03	22.97		
20	QPSK	50	0	22.15	22.25	22.08	22.5	1
20	QPSK	50	24	22.17	22.15	22.11		
20	QPSK	50	50	22.15	22.17	22.09		
20	QPSK	100	0	22.23	22.26	22.12		
20	16QAM	1	0	22.32	22.36	22.19	22.5	1
20	16QAM	1	49	22.32	22.25	22.22		
20	16QAM	1	99	22.25	22.08	22.19		
20	16QAM	50	0	21.34	21.25	21.14	21.5	2
20	16QAM	50	24	21.27	21.29	21.17		
20	16QAM	50	50	21.35	21.26	21.25		
20	16QAM	100	0	21.23	21.31	21.04		
20	64QAM	1	0	21.24	21.24	21.11	21.5	2
20	64QAM	1	49	21.12	21.10	21.07		
20	64QAM	1	99	21.17	21.14	21.14		
20	64QAM	50	0	20.28	20.16	20.01	20.5	3
20	64QAM	50	24	20.20	20.23	20.11		
20	64QAM	50	50	20.30	20.17	20.19		
20	64QAM	100	0	20.27	20.25	20.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.14	23.01	23.07	23.5	0
15	QPSK	1	37	23.18	23.12	22.95		
15	QPSK	1	74	23.19	23.09	22.89		
15	QPSK	36	0	22.35	22.20	22.13	22.5	1
15	QPSK	36	20	22.30	22.26	22.21		
15	QPSK	36	39	22.34	22.28	22.11		
15	QPSK	75	0	22.35	22.22	22.18		
15	16QAM	1	0	22.31	22.27	22.21	22.5	1
15	16QAM	1	37	22.29	22.25	22.14		
15	16QAM	1	74	22.35	22.23	22.15		
15	16QAM	36	0	21.20	21.19	21.22	21.5	2
15	16QAM	36	20	21.31	21.28	21.15		
15	16QAM	36	39	21.31	21.22	21.17		
15	16QAM	75	0	21.34	21.26	21.10		
15	64QAM	1	0	21.20	20.85	21.04	21.5	2
15	64QAM	1	37	21.08	20.95	20.85		
15	64QAM	1	74	20.90	20.89	20.83		
15	64QAM	36	0	20.04	19.97	19.94	20.5	3
15	64QAM	36	20	20.06	19.92	19.84		
15	64QAM	36	39	20.04	19.96	19.83		
15	64QAM	75	0	20.13	20.01	19.94		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.13	23.18	22.94	23.5	0
10	QPSK	1	25	23.19	22.94	23.08		
10	QPSK	1	49	23.17	23.07	22.97		
10	QPSK	25	0	22.42	22.14	22.13	22.5	1
10	QPSK	25	12	22.41	22.33	22.22		
10	QPSK	25	25	22.36	22.20	22.20		
10	QPSK	50	0	22.37	22.29	22.13		
10	16QAM	1	0	22.41	22.22	22.18	22.5	1
10	16QAM	1	25	22.35	22.28	22.24		
10	16QAM	1	49	22.44	22.36	22.20		
10	16QAM	25	0	21.35	21.12	21.24	21.5	2
10	16QAM	25	12	21.40	21.24	21.27		
10	16QAM	25	25	21.45	21.27	21.11		
10	16QAM	50	0	21.42	21.23	21.20		
10	64QAM	1	0	21.41	21.19	21.12	21.5	2
10	64QAM	1	25	21.28	21.16	21.19		
10	64QAM	1	49	21.31	21.19	21.11		
10	64QAM	25	0	20.22	20.26	20.14	20.5	3
10	64QAM	25	12	20.21	20.26	20.28		
10	64QAM	25	25	20.24	20.27	20.12		
10	64QAM	50	0	20.34	20.25	20.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.15	23.08	22.98	23.5	0
5	QPSK	1	12	23.21	23.19	22.94		
5	QPSK	1	24	23.09	23.11	23.06		
5	QPSK	12	0	22.35	22.15	22.12	22.5	1
5	QPSK	12	7	22.39	22.25	22.07		
5	QPSK	12	13	22.19	22.26	22.10		
5	QPSK	25	0	22.35	22.16	21.90		
5	16QAM	1	0	22.19	22.12	21.93	22.5	1
5	16QAM	1	12	22.11	22.30	21.90		
5	16QAM	1	24	22.25	22.30	22.13		
5	16QAM	12	0	21.25	21.09	21.10	21.5	2
5	16QAM	12	7	21.31	21.21	21.09		
5	16QAM	12	13	21.21	21.18	21.12		
5	16QAM	25	0	21.31	21.28	21.08		
5	64QAM	1	0	21.18	21.17	21.35	21.5	2
5	64QAM	1	12	21.32	21.16	21.30		
5	64QAM	1	24	21.19	21.15	21.28		
5	64QAM	12	0	20.35	20.10	20.03	20.5	3
5	64QAM	12	7	20.22	20.21	20.09		
5	64QAM	12	13	20.21	20.27	20.16		
5	64QAM	25	0	20.07	20.22	20.03		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.19	23.18	23.20	22.76	22.96	23.5	0
20	QPSK	1	49	23.10	23.09	22.93	22.91	23.07		
20	QPSK	1	99	23.14	22.99	22.80	22.88	23.08		
20	QPSK	50	0	22.14	22.30	22.34	22.06	22.26	22.5	1
20	QPSK	50	24	22.32	22.29	22.20	22.07	22.33		
20	QPSK	50	50	22.33	22.28	22.14	22.12	22.32		
20	QPSK	100	0	22.31	22.30	22.32	22.15	22.13		
20	16QAM	1	0	22.23	22.14	22.04	21.90	22.16	22.5	1
20	16QAM	1	49	22.36	22.18	22.14	21.91	22.25		
20	16QAM	1	99	22.26	22.07	22.11	21.89	22.23		
20	16QAM	50	0	21.34	21.37	21.08	21.06	21.32	21.5	2
20	16QAM	50	24	21.35	21.30	21.16	21.07	21.18		
20	16QAM	50	50	21.29	21.25	21.11	21.13	21.32		
20	16QAM	100	0	21.33	21.31	21.18	21.16	21.33		
20	64QAM	1	0	21.33	21.13	21.09	20.96	21.12	21.5	2
20	64QAM	1	49	21.19	21.16	20.98	20.96	21.22		
20	64QAM	1	99	21.31	21.18	21.05	21.02	21.19		
20	64QAM	50	0	20.29	20.26	20.10	20.12	20.31	20.5	3
20	64QAM	50	24	20.29	20.19	20.21	20.04	20.31		
20	64QAM	50	50	20.39	20.28	20.13	20.09	20.31		
20	64QAM	100	0	20.35	20.30	20.18	20.13	20.20		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.11	23.04	22.99	22.88	22.97	24	0
15	QPSK	1	37	23.15	23.12	23.06	22.91	22.94		
15	QPSK	1	74	23.12	23.14	23.00	22.84	22.88		
15	QPSK	36	0	22.30	22.31	22.05	21.99	22.10	22.5	1
15	QPSK	36	20	22.31	22.31	22.15	21.95	21.98		
15	QPSK	36	39	22.37	22.23	22.10	21.96	22.08		
15	QPSK	75	0	22.27	22.24	22.13	22.10	22.10		
15	16QAM	1	0	22.12	22.08	21.96	21.80	21.94	22.5	1
15	16QAM	1	37	22.21	22.05	21.87	21.94	21.93		
15	16QAM	1	74	22.20	22.17	22.01	21.95	21.95		
15	16QAM	36	0	21.20	21.21	21.06	21.01	20.92	21.5	2
15	16QAM	36	20	21.21	21.16	21.08	21.02	21.03		
15	16QAM	36	39	21.21	21.19	21.05	21.03	21.04		
15	16QAM	75	0	21.34	21.30	21.22	21.15	21.15		
15	64QAM	1	0	21.11	21.25	20.92	20.97	20.92	21.5	2
15	64QAM	1	37	21.17	21.02	20.86	20.95	20.94		
15	64QAM	1	74	21.25	21.17	21.04	20.82	20.87		
15	64QAM	36	0	20.30	20.34	20.06	20.00	19.95	20.5	3
15	64QAM	36	20	20.28	20.29	20.11	20.11	20.09		
15	64QAM	36	39	20.27	20.27	20.10	19.95	19.96		
15	64QAM	75	0	20.32	20.29	20.15	20.02	20.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.13	23.10	23.11	22.96	22.91	23.50	0
10	QPSK	1	25	23.12	23.10	23.05	22.94	22.91		
10	QPSK	1	49	23.07	23.07	23.04	22.86	22.89		
10	QPSK	25	0	22.31	22.26	22.09	22.03	22.13	22.5	1
10	QPSK	25	12	22.32	22.34	22.19	22.03	22.04		
10	QPSK	25	25	22.34	22.34	22.19	22.13	22.14		
10	QPSK	50	0	22.36	22.30	22.23	22.07	22.17		
10	16QAM	1	0	22.33	22.29	22.17	22.10	22.13	22.5	1
10	16QAM	1	25	22.34	22.38	22.21	22.13	22.09		
10	16QAM	1	49	22.37	22.25	22.11	22.04	22.04		
10	16QAM	25	0	21.32	21.35	21.21	21.18	21.21	21.5	2
10	16QAM	25	12	21.38	21.30	21.25	21.05	21.21		
10	16QAM	25	25	21.38	21.33	21.20	21.17	21.16		
10	16QAM	50	0	21.36	21.29	21.26	21.09	21.19		
10	64QAM	1	0	21.05	20.93	21.10	20.85	20.84	21.5	2
10	64QAM	1	25	21.07	21.00	20.71	20.75	20.78		
10	64QAM	1	49	21.00	20.84	20.72	20.80	20.82		
10	64QAM	25	0	20.29	20.26	20.09	20.00	19.97	20.5	3
10	64QAM	25	12	20.29	20.32	20.12	20.00	20.12		
10	64QAM	25	25	20.32	20.23	20.17	20.00	20.12		
10	64QAM	50	0	20.33	20.18	20.14	20.03	20.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.12	23.14	22.98	23.00	22.99	23.50	0
5	QPSK	1	12	23.04	22.75	23.10	22.71	22.86		
5	QPSK	1	24	23.00	22.93	22.82	22.78	23.00		
5	QPSK	12	0	22.10	21.96	21.96	21.84	21.85	22.5	1
5	QPSK	12	7	22.02	22.07	21.92	21.85	21.72		
5	QPSK	12	13	22.14	21.84	21.83	21.82	21.84		
5	QPSK	25	0	21.96	21.92	21.77	21.74	21.72		
5	16QAM	1	0	22.14	22.13	21.96	21.90	21.96	22.5	1
5	16QAM	1	12	22.07	22.11	22.07	21.88	21.96		
5	16QAM	1	24	22.08	22.13	22.01	21.96	21.91		
5	16QAM	12	0	21.12	21.09	20.97	20.80	20.95	21.5	2
5	16QAM	12	7	21.24	21.10	20.95	20.93	20.81		
5	16QAM	12	13	21.11	21.09	20.97	20.91	20.94		
5	16QAM	25	0	21.25	21.09	20.96	20.94	20.93		
5	64QAM	1	0	21.36	21.16	20.97	21.04	21.06	21.5	2
5	64QAM	1	12	21.18	21.16	21.14	21.05	21.02		
5	64QAM	1	24	21.22	21.17	21.14	20.96	20.94		
5	64QAM	12	0	20.07	20.04	19.98	19.81	19.90	20.5	3
5	64QAM	12	7	20.10	20.16	19.96	19.91	19.80		
5	64QAM	12	13	20.22	19.99	19.96	19.85	19.90		
5	64QAM	25	0	20.16	20.06	19.91	19.87	19.90		

GSM1900 Ant 5 DSI3&4

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	29.43	29.42	29.34	30.50	20.43	20.42	20.34	21.50
GPRS 1 Tx slot	29.39	29.41	29.33	30.50	20.39	20.41	20.33	21.50
GPRS 2 Tx slots	25.74	25.70	25.78	26.50	19.74	19.70	19.78	20.50
GPRS 3 Tx slots	23.98	24.07	24.00	25.50	19.72	19.81	19.74	21.24
GPRS 4 Tx slots	22.22	22.14	22.11	23.50	19.22	19.14	19.11	20.50
EDGE 1 Tx slot	24.90	25.04	24.95	25.50	15.90	16.04	15.95	16.50
EDGE 2 Tx slots	21.77	21.61	21.62	22.50	15.77	15.61	15.62	16.50
EDGE 3 Tx slots	19.82	20.31	20.26	21.50	15.56	16.05	16.00	17.24
EDGE 4 Tx slots	19.02	19.18	19.14	20.50	16.02	16.18	16.14	17.50

WCDMA II Ant 5 DSI3&4 | **WCDMA IV Ant 5 DSI3&4**

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.74	23.84	23.83	24.50	24.07	24.02	23.94	24.50
3GPP Rel 99	RMC 12.2Kbps	23.85	23.91	23.89	24.50	24.05	24.06	24.08	24.50
3GPP Rel 6	HSDPA Subtest-1	22.74	22.92	22.91	23.50	23.36	23.35	23.28	23.50
3GPP Rel 6	HSDPA Subtest-2	22.76	22.92	22.91	23.50	23.28	23.35	23.25	23.50
3GPP Rel 6	HSDPA Subtest-3	22.25	22.39	22.40	23.00	22.77	22.85	22.77	23.00
3GPP Rel 6	HSDPA Subtest-4	22.23	22.41	22.38	23.00	22.85	22.84	22.76	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.72	22.93	22.93	23.50	23.33	23.35	23.30	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.76	22.91	22.94	23.50	23.27	23.34	23.25	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.39	22.41	23.00	22.79	22.87	22.78	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.24	22.43	22.38	23.00	22.84	22.86	22.76	23.00
3GPP Rel 6	HSUPA Subtest-1	22.92	22.89	22.81	23.50	23.05	23.11	23.02	23.50
3GPP Rel 6	HSUPA Subtest-2	20.98	21.02	21.05	21.50	21.23	21.27	21.28	21.50
3GPP Rel 6	HSUPA Subtest-3	21.95	21.89	21.82	22.50	22.23	22.35	22.25	22.50
3GPP Rel 6	HSUPA Subtest-4	20.99	21.15	21.16	21.50	20.82	20.79	20.96	21.50
3GPP Rel 6	HSUPA Subtest-5	22.45	22.10	22.12	23.50	22.86	22.94	22.87	23.50

Band 4_Ant5 DSI3&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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.58	23.68	23.62	24	0
20	QPSK	1	49	23.48	23.35	23.43		
20	QPSK	1	99	23.44	23.35	23.19		
20	QPSK	50	0	22.52	22.67	22.62	23	1
20	QPSK	50	24	22.42	22.63	22.51		
20	QPSK	50	50	22.28	22.50	22.50		
20	QPSK	100	0	22.27	22.38	22.28		
20	16QAM	1	0	22.65	22.66	22.52	23	1
20	16QAM	1	49	22.60	22.63	22.42		
20	16QAM	1	99	22.61	22.36	22.39		
20	16QAM	50	0	21.31	21.69	21.40	22	2
20	16QAM	50	24	21.29	21.42	21.54		
20	16QAM	50	50	21.20	21.44	21.39		
20	16QAM	100	0	21.45	21.47	21.76		
20	64QAM	1	0	21.45	21.73	21.65	22	2
20	64QAM	1	49	21.50	21.35	21.49		
20	64QAM	1	99	21.38	21.54	21.30		
20	64QAM	50	0	20.58	20.64	20.64	21	3
20	64QAM	50	24	20.53	20.56	20.60		
20	64QAM	50	50	20.68	20.56	20.50		
20	64QAM	100	0	20.60	20.63	20.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.59	23.61	23.52	24	0
15	QPSK	1	37	23.40	23.50	23.61		
15	QPSK	1	74	23.47	23.57	23.54		
15	QPSK	36	0	22.57	22.59	22.53	23	1
15	QPSK	36	20	22.56	22.58	22.59		
15	QPSK	36	39	22.57	22.56	22.57		
15	QPSK	75	0	22.60	22.59	22.51		
15	16QAM	1	0	22.43	22.60	22.44	23	1
15	16QAM	1	37	22.35	22.35	22.14		
15	16QAM	1	74	22.33	22.25	22.39		
15	16QAM	36	0	21.62	21.61	21.63	22	2
15	16QAM	36	20	21.61	21.44	21.49		
15	16QAM	36	39	21.64	21.47	21.65		
15	16QAM	75	0	21.65	21.61	21.75		
15	64QAM	1	0	21.80	21.57	21.63	22	2
15	64QAM	1	37	21.74	21.63	21.74		
15	64QAM	1	74	21.73	21.67	21.65		
15	64QAM	36	0	20.52	20.57	20.42	21	3
15	64QAM	36	20	20.52	20.61	20.35		
15	64QAM	36	39	20.52	20.54	20.50		
15	64QAM	75	0	20.49	20.56	20.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.51	23.47	23.52	24	0
10	QPSK	1	25	23.54	23.49	23.35		
10	QPSK	1	49	23.53	23.39	23.55		
10	QPSK	25	0	22.22	22.34	22.23	23	1
10	QPSK	25	12	22.32	22.18	22.35		
10	QPSK	25	25	22.36	22.21	22.47		
10	QPSK	50	0	22.10	21.83	22.26		
10	16QAM	1	0	22.30	22.39	22.07	23	1
10	16QAM	1	25	22.41	22.19	22.38		
10	16QAM	1	49	22.31	22.21	22.44		
10	16QAM	25	0	21.62	21.37	21.30	22	2
10	16QAM	25	12	21.40	21.34	21.36		
10	16QAM	25	25	21.38	21.33	21.50		
10	16QAM	50	0	21.64	21.50	21.27		
10	64QAM	1	0	21.59	21.32	21.39	22	2
10	64QAM	1	25	21.40	21.42	21.23		
10	64QAM	1	49	21.57	21.54	21.51		
10	64QAM	25	0	20.40	20.40	20.57	21	3
10	64QAM	25	12	20.58	20.55	20.51		
10	64QAM	25	25	20.61	20.51	20.64		
10	64QAM	50	0	20.65	20.39	20.57		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.58	23.57	23.52	24	0
5	QPSK	1	12	23.54	23.55	23.56		
5	QPSK	1	24	23.52	23.56	23.51		
5	QPSK	12	0	21.98	22.11	22.21	23	1
5	QPSK	12	7	21.86	22.00	22.02		
5	QPSK	12	13	22.06	22.06	22.20		
5	QPSK	25	0	22.29	22.01	22.28		
5	16QAM	1	0	22.25	22.06	22.06	23	1
5	16QAM	1	12	22.34	22.30	22.42		
5	16QAM	1	24	22.39	22.54	22.22		
5	16QAM	12	0	21.01	21.10	21.16	22	2
5	16QAM	12	7	21.21	20.99	20.93		
5	16QAM	12	13	21.27	20.88	20.93		
5	16QAM	25	0	21.01	20.77	20.82		
5	64QAM	1	0	21.01	21.04	21.14	22	2
5	64QAM	1	12	21.12	21.26	21.22		
5	64QAM	1	24	21.10	21.31	21.24		
5	64QAM	12	0	20.42	20.11	20.09	21	3
5	64QAM	12	7	20.31	20.42	20.31		
5	64QAM	12	13	20.21	20.37	20.21		
5	64QAM	25	0	20.39	20.39	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.67	23.45	23.43	24	0
3	QPSK	1	8	23.65	23.55	23.58		
3	QPSK	1	14	23.59	23.64	23.36		
3	QPSK	8	0	22.48	22.21	22.25	23	1
3	QPSK	8	4	22.27	22.39	22.13		
3	QPSK	8	7	22.22	22.33	22.08		
3	QPSK	15	0	22.78	22.72	22.53		
3	16QAM	1	0	22.24	22.25	22.56	23	1
3	16QAM	1	8	22.43	22.57	22.42		
3	16QAM	1	14	22.12	22.34	22.27		
3	16QAM	8	0	21.03	21.26	20.95	22	2
3	16QAM	8	4	21.12	21.12	21.36		
3	16QAM	8	7	21.06	21.20	20.88		
3	16QAM	15	0	21.03	21.28	20.82		
3	64QAM	1	0	21.14	21.34	21.12	22	2
3	64QAM	1	8	21.32	21.43	21.00		
3	64QAM	1	14	21.15	21.32	21.23		
3	64QAM	8	0	20.12	20.29	20.56	21	3
3	64QAM	8	4	20.50	20.09	20.33		
3	64QAM	8	7	20.33	20.39	20.41		
3	64QAM	15	0	20.31	20.36	20.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.49	23.57	23.36	24	0
1.4	QPSK	1	3	23.40	23.45	23.47		
1.4	QPSK	1	5	23.40	23.49	23.44		
1.4	QPSK	3	0	23.42	23.36	23.24		
1.4	QPSK	3	1	23.16	23.45	23.27		
1.4	QPSK	3	3	23.12	23.30	23.35		
1.4	QPSK	6	0	22.52	22.53	22.52	23	1
1.4	16QAM	1	0	22.26	22.34	22.57	23	1
1.4	16QAM	1	3	22.38	22.49	22.22		
1.4	16QAM	1	5	22.18	22.41	22.28		
1.4	16QAM	3	0	22.47	22.48	22.55		
1.4	16QAM	3	1	22.39	22.35	22.58		
1.4	16QAM	3	3	22.39	22.27	22.60		
1.4	16QAM	6	0	21.34	21.33	21.37	22	2
1.4	64QAM	1	0	21.17	21.25	21.27	22	2
1.4	64QAM	1	3	21.11	21.36	21.41		
1.4	64QAM	1	5	21.33	21.40	21.35		
1.4	64QAM	3	0	21.17	21.18	21.33		
1.4	64QAM	3	1	21.10	21.14	21.31		
1.4	64QAM	3	3	20.98	21.08	21.20		
1.4	64QAM	6	0	20.36	20.32	20.39	21	3

Band 7_Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.17	23.26	23.18	23.5	0
20	QPSK	1	49	23.18	23.23	23.15		
20	QPSK	1	99	23.15	23.21	23.20		
20	QPSK	50	0	22.20	22.35	22.24	22.5	1
20	QPSK	50	24	22.33	22.27	22.27		
20	QPSK	50	50	22.33	22.28	22.18		
20	QPSK	100	0	22.11	22.20	22.18		
20	16QAM	1	0	22.18	22.24	22.23	22.5	1
20	16QAM	1	49	22.13	22.19	22.21		
20	16QAM	1	99	22.31	22.15	22.19		
20	16QAM	50	0	21.21	21.24	21.26	21.5	2
20	16QAM	50	24	21.34	21.28	21.38		
20	16QAM	50	50	21.36	21.29	21.41		
20	16QAM	100	0	21.29	21.26	21.29		
20	64QAM	1	0	21.31	21.33	21.31	21.5	2
20	64QAM	1	49	21.21	21.32	21.19		
20	64QAM	1	99	21.17	21.32	21.32		
20	64QAM	50	0	20.18	20.22	20.24	20.5	3
20	64QAM	50	24	20.32	20.26	20.39		
20	64QAM	50	50	20.34	20.26	20.30		
20	64QAM	100	0	20.31	20.22	20.26		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.18	23.18	23.19	23.5	0
15	QPSK	1	37	23.12	23.19	23.10		
15	QPSK	1	74	23.19	23.18	23.13		
15	QPSK	36	0	22.04	22.06	22.07	22.5	1
15	QPSK	36	20	21.97	21.94	22.21		
15	QPSK	36	39	22.11	22.02	22.15		
15	QPSK	75	0	22.39	22.01	22.19		
15	16QAM	1	0	22.31	22.12	22.06	22.5	1
15	16QAM	1	37	22.08	22.15	22.04		
15	16QAM	1	74	22.21	22.45	22.18		
15	16QAM	36	0	20.97	21.15	20.97	21.5	2
15	16QAM	36	20	21.25	21.08	21.10		
15	16QAM	36	39	21.03	20.92	21.22		
15	16QAM	75	0	21.18	20.81	21.24		
15	64QAM	1	0	21.38	21.10	21.19	21.5	2
15	64QAM	1	37	21.34	21.07	21.08		
15	64QAM	1	74	21.18	21.29	21.21		
15	64QAM	36	0	20.12	20.15	20.07	20.5	3
15	64QAM	36	20	20.23	20.23	20.09		
15	64QAM	36	39	20.20	20.34	20.06		
15	64QAM	75	0	20.15	20.03	20.08		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.10	23.15	23.17	23.5	0
10	QPSK	1	25	23.14	23.18	23.12		
10	QPSK	1	49	23.18	23.16	23.13		
10	QPSK	25	0	21.63	21.85	21.60	22.5	1
10	QPSK	25	12	21.77	21.91	21.66		
10	QPSK	25	25	21.53	21.70	21.71		
10	QPSK	50	0	21.53	21.91	21.85		
10	16QAM	1	0	21.91	21.92	21.91	22.5	1
10	16QAM	1	25	21.67	21.76	22.16		
10	16QAM	1	49	21.83	21.78	21.88		
10	16QAM	25	0	21.01	20.91	21.16	21.5	2
10	16QAM	25	12	21.09	20.94	20.97		
10	16QAM	25	25	21.09	20.92	21.25		
10	16QAM	50	0	21.07	20.79	20.96		
10	64QAM	1	0	21.15	20.75	20.98	21.5	2
10	64QAM	1	25	20.71	21.13	20.79		
10	64QAM	1	49	20.96	21.06	21.02		
10	64QAM	25	0	19.82	19.86	19.90	20.5	3
10	64QAM	25	12	19.88	19.96	20.14		
10	64QAM	25	25	19.87	20.07	20.26		
10	64QAM	50	0	19.87	19.91	20.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.07	23.07	23.5	0
5	QPSK	1	12	23.12	23.03	23.19		
5	QPSK	1	24	23.18	23.14	23.17		
5	QPSK	12	0	22.27	22.01	22.06	22.5	1
5	QPSK	12	7	22.36	21.95	22.31		
5	QPSK	12	13	22.13	22.29	22.08		
5	QPSK	25	0	22.31	21.83	22.10		
5	16QAM	1	0	22.29	22.23	22.02	22.5	1
5	16QAM	1	12	22.20	22.22	22.04		
5	16QAM	1	24	22.31	22.22	21.99		
5	16QAM	12	0	20.90	21.11	21.14	21.5	2
5	16QAM	12	7	21.20	20.94	21.20		
5	16QAM	12	13	21.18	21.03	21.01		
5	16QAM	25	0	21.34	21.27	21.04		
5	64QAM	1	0	21.24	21.12	21.26	21.5	2
5	64QAM	1	12	21.33	21.08	21.33		
5	64QAM	1	24	21.26	21.10	21.07		
5	64QAM	12	0	20.29	20.18	20.26	20.5	3
5	64QAM	12	7	20.25	20.23	20.32		
5	64QAM	12	13	20.42	20.28	20.46		
5	64QAM	25	0	20.04	20.01	20.00		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.54	22.63	22.53	24	0
20	QPSK	1	49	22.49	22.33	22.40		
20	QPSK	1	99	22.32	22.14	22.20		
20	QPSK	50	0	21.52	21.54	21.23	23	1
20	QPSK	50	24	21.50	21.28	21.26		
20	QPSK	50	50	21.24	21.52	21.35		
20	QPSK	100	0	21.31	21.46	21.40		
20	16QAM	1	0	21.58	21.67	21.51	23	1
20	16QAM	1	49	21.42	21.62	21.25		
20	16QAM	1	99	21.28	21.65	21.30		
20	16QAM	50	0	20.37	20.58	20.48	22	2
20	16QAM	50	24	20.66	20.38	20.53		
20	16QAM	50	50	20.49	20.61	20.27		
20	16QAM	100	0	20.53	20.37	20.48		
20	64QAM	1	0	20.62	20.67	20.41	22	2
20	64QAM	1	49	20.61	20.51	20.45		
20	64QAM	1	99	20.32	20.37	20.24		
20	64QAM	50	0	19.64	19.49	19.83	21	3
20	64QAM	50	24	19.78	19.55	19.72		
20	64QAM	50	50	19.60	19.62	19.60		
20	64QAM	100	0	19.78	19.72	19.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.49	22.58	22.50	24	0
15	QPSK	1	37	22.42	22.50	22.48		
15	QPSK	1	74	22.60	22.46	22.53		
15	QPSK	36	0	21.59	21.60	21.45	23	1
15	QPSK	36	20	21.53	21.51	21.39		
15	QPSK	36	39	21.52	21.44	21.23		
15	QPSK	75	0	21.75	21.64	21.54		
15	16QAM	1	0	21.26	21.22	21.50	23	1
15	16QAM	1	37	21.56	21.21	21.25		
15	16QAM	1	74	21.46	21.29	21.18		
15	16QAM	36	0	20.32	20.31	20.01	22	2
15	16QAM	36	20	20.12	20.17	20.04		
15	16QAM	36	39	20.03	20.26	20.26		
15	16QAM	75	0	20.14	20.27	20.17		
15	64QAM	1	0	20.36	20.26	20.30	22	2
15	64QAM	1	37	20.52	20.35	20.40		
15	64QAM	1	74	20.50	20.47	20.49		
15	64QAM	36	0	19.33	19.32	19.33	21	3
15	64QAM	36	20	19.38	19.36	19.41		
15	64QAM	36	39	19.41	19.50	19.46		
15	64QAM	75	0	19.42	19.46	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.60	22.51	22.57	24	0
10	QPSK	1	25	22.59	22.50	22.49		
10	QPSK	1	49	22.44	22.49	22.43		
10	QPSK	25	0	21.60	21.61	21.51	23	1
10	QPSK	25	12	21.69	21.62	21.50		
10	QPSK	25	25	21.66	21.65	21.50		
10	QPSK	50	0	21.68	21.61	21.51		
10	16QAM	1	0	21.28	21.30	21.54	23	1
10	16QAM	1	25	21.30	21.46	21.50		
10	16QAM	1	49	21.32	21.50	21.48		
10	16QAM	25	0	20.53	20.52	20.41	22	2
10	16QAM	25	12	20.61	20.52	20.40		
10	16QAM	25	25	20.55	20.55	20.41		
10	16QAM	50	0	20.58	20.47	20.38		
10	64QAM	1	0	20.59	20.60	20.75	22	2
10	64QAM	1	25	20.61	20.83	20.76		
10	64QAM	1	49	20.81	20.77	20.75		
10	64QAM	25	0	19.54	19.52	19.44	21	3
10	64QAM	25	12	19.64	19.53	19.43		
10	64QAM	25	25	19.55	19.53	19.45		
10	64QAM	50	0	19.55	19.48	19.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.56	22.50	22.50	24	0
5	QPSK	1	12	22.59	22.59	22.52		
5	QPSK	1	24	22.57	22.48	22.45		
5	QPSK	12	0	21.46	21.46	21.36	23	1
5	QPSK	12	7	21.58	21.59	21.47		
5	QPSK	12	13	21.53	21.51	21.39		
5	QPSK	25	0	21.49	21.42	21.41		
5	16QAM	1	0	21.38	21.45	21.30	23	1
5	16QAM	1	12	21.36	21.44	21.29		
5	16QAM	1	24	21.43	21.38	21.21		
5	16QAM	12	0	20.48	20.46	20.37	22	2
5	16QAM	12	7	20.59	20.60	20.47		
5	16QAM	12	13	20.52	20.52	20.41		
5	16QAM	25	0	20.55	20.49	20.40		
5	64QAM	1	0	20.61	20.65	20.54	22	2
5	64QAM	1	12	20.72	20.77	20.54		
5	64QAM	1	24	20.59	20.63	20.45		
5	64QAM	12	0	19.45	19.43	19.35	21	3
5	64QAM	12	7	19.59	19.56	19.43		
5	64QAM	12	13	19.50	19.47	19.41		
5	64QAM	25	0	19.55	19.42	19.43		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.53	22.60	22.50	24	0
3	QPSK	1	8	22.47	22.59	22.54		
3	QPSK	1	14	22.32	22.56	22.54		
3	QPSK	8	0	21.75	21.64	21.54	23	1
3	QPSK	8	4	21.76	21.74	21.64		
3	QPSK	8	7	21.73	21.70	21.55		
3	QPSK	15	0	21.77	21.65	21.61		
3	16QAM	1	0	21.59	21.56	21.43	23	1
3	16QAM	1	8	21.63	21.67	21.44		
3	16QAM	1	14	21.57	21.62	21.34		
3	16QAM	8	0	20.64	20.51	20.40	22	2
3	16QAM	8	4	20.71	20.71	20.57		
3	16QAM	8	7	20.60	20.60	20.47		
3	16QAM	15	0	20.62	20.55	20.52		
3	64QAM	1	0	20.62	20.68	20.56	22	2
3	64QAM	1	8	20.69	20.68	20.51		
3	64QAM	1	14	20.64	20.58	20.53		
3	64QAM	8	0	19.55	19.49	19.40	21	3
3	64QAM	8	4	19.59	19.56	19.41		
3	64QAM	8	7	19.57	19.57	19.40		
3	64QAM	15	0	19.59	19.50	19.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.54	22.59	22.48	24	0
1.4	QPSK	1	3	22.55	22.59	22.50		
1.4	QPSK	1	5	22.59	22.56	22.50		
1.4	QPSK	3	0	22.45	22.50	22.38		
1.4	QPSK	3	1	22.54	22.56	22.57		
1.4	QPSK	3	3	22.54	22.53	22.46		
1.4	QPSK	6	0	21.70	21.69	21.50	23	1
1.4	16QAM	1	0	21.37	21.54	21.43	23	1
1.4	16QAM	1	3	21.45	21.60	21.42		
1.4	16QAM	1	5	21.49	21.49	21.37		
1.4	16QAM	3	0	21.57	21.57	21.46		
1.4	16QAM	3	1	21.58	21.58	21.47		
1.4	16QAM	3	3	21.53	21.51	21.41		
1.4	16QAM	6	0	20.55	20.53	20.33	22	2
1.4	64QAM	1	0	20.58	20.58	20.49	22	2
1.4	64QAM	1	3	20.68	20.52	20.57		
1.4	64QAM	1	5	20.58	20.56	20.48		
1.4	64QAM	3	0	20.51	20.52	20.40		
1.4	64QAM	3	1	20.56	20.53	20.42		
1.4	64QAM	3	3	20.53	20.50	20.40		
1.4	64QAM	6	0	19.60	19.62	19.45	21	3

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.32	23.33	23.27	23.5	0
20	QPSK	1	49	23.17	23.25	23.18		
20	QPSK	1	99	23.18	23.20	23.09		
20	QPSK	50	0	22.23	22.33	22.25	22.5	1
20	QPSK	50	24	22.31	22.32	22.25		
20	QPSK	50	50	22.32	22.27	22.21		
20	QPSK	100	0	22.29	22.39	22.24		
20	16QAM	1	0	22.20	22.33	22.25	22.5	1
20	16QAM	1	49	22.31	22.34	22.29		
20	16QAM	1	99	22.25	22.30	22.21		
20	16QAM	50	0	21.30	21.36	21.29	21.5	2
20	16QAM	50	24	21.38	21.36	21.30		
20	16QAM	50	50	21.39	21.30	21.25		
20	16QAM	100	0	21.31	21.32	21.26		
20	64QAM	1	0	21.24	21.26	21.24	21.5	2
20	64QAM	1	49	21.15	21.25	21.25		
20	64QAM	1	99	21.15	21.20	21.16		
20	64QAM	50	0	20.27	20.31	20.22	20.5	3
20	64QAM	50	24	20.22	20.38	20.39		
20	64QAM	50	50	20.29	20.35	20.36		
20	64QAM	100	0	20.34	20.35	20.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.31	23.27	23.15	23.5	0
15	QPSK	1	37	23.27	23.19	23.07		
15	QPSK	1	74	23.26	23.16	23.06		
15	QPSK	36	0	22.39	22.32	22.29	22.5	1
15	QPSK	36	20	22.35	22.37	22.28		
15	QPSK	36	39	22.35	22.35	22.23		
15	QPSK	75	0	22.38	22.39	22.26		
15	16QAM	1	0	22.36	22.31	22.27	22.5	1
15	16QAM	1	37	22.39	22.29	22.17		
15	16QAM	1	74	22.32	22.29	22.23		
15	16QAM	36	0	21.38	21.28	21.27	21.5	2
15	16QAM	36	20	21.23	21.32	21.26		
15	16QAM	36	39	21.30	21.32	21.20		
15	16QAM	75	0	21.30	21.32	21.31		
15	64QAM	1	0	21.18	21.13	21.12	21.5	2
15	64QAM	1	37	21.21	21.19	21.06		
15	64QAM	1	74	21.15	21.17	21.00		
15	64QAM	36	0	20.31	20.21	20.23	20.5	3
15	64QAM	36	20	20.36	20.26	20.17		
15	64QAM	36	39	20.35	20.25	20.14		
15	64QAM	75	0	20.31	20.29	20.21		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.29	23.20	23.13	23.5	0
10	QPSK	1	25	23.31	23.21	23.12		
10	QPSK	1	49	23.31	23.25	23.13		
10	QPSK	25	0	22.37	22.32	22.18	22.5	1
10	QPSK	25	12	22.35	22.39	22.29		
10	QPSK	25	25	22.24	22.36	22.27		
10	QPSK	50	0	22.25	22.38	22.29		
10	16QAM	1	0	22.27	22.36	22.29	22.5	1
10	16QAM	1	25	22.25	22.30	22.27		
10	16QAM	1	49	22.22	22.30	22.26		
10	16QAM	25	0	21.38	21.29	21.20	21.5	2
10	16QAM	25	12	21.37	21.35	21.30		
10	16QAM	25	25	21.35	21.39	21.27		
10	16QAM	50	0	21.37	21.32	21.32		
10	64QAM	1	0	21.29	21.25	21.19	21.5	2
10	64QAM	1	25	21.32	21.23	21.13		
10	64QAM	1	49	21.31	21.26	21.16		
10	64QAM	25	0	20.37	20.29	20.19	20.5	3
10	64QAM	25	12	20.37	20.32	20.28		
10	64QAM	25	25	20.31	20.35	20.23		
10	64QAM	50	0	20.24	20.36	20.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.27	23.31	23.16	23.5	0
5	QPSK	1	12	23.25	23.23	23.05		
5	QPSK	1	24	23.28	23.21	23.10		
5	QPSK	12	0	22.39	22.31	22.12	22.5	1
5	QPSK	12	7	22.34	22.39	22.26		
5	QPSK	12	13	22.30	22.31	22.21		
5	QPSK	25	0	22.36	22.30	22.18		
5	16QAM	1	0	22.29	22.21	22.11	22.5	1
5	16QAM	1	12	22.38	22.31	22.20		
5	16QAM	1	24	22.35	22.32	22.12		
5	16QAM	12	0	21.38	21.32	21.09	21.5	2
5	16QAM	12	7	21.23	21.39	21.28		
5	16QAM	12	13	21.34	21.33	21.19		
5	16QAM	25	0	21.37	21.39	21.25		
5	64QAM	1	0	21.32	21.31	21.20	21.5	2
5	64QAM	1	12	21.34	21.30	21.27		
5	64QAM	1	24	21.38	21.38	21.29		
5	64QAM	12	0	20.35	20.35	20.10	20.5	3
5	64QAM	12	7	20.36	20.37	20.26		
5	64QAM	12	13	20.30	20.28	20.17		
5	64QAM	25	0	20.30	20.31	20.18		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.08	22.86	23.24	23.12	23.13	23.5	0
20	QPSK	1	49	23.08	22.87	22.99	22.94	22.95		
20	QPSK	1	99	23.10	23.01	22.92	23.11	22.92		
20	QPSK	50	0	22.19	22.06	22.21	21.99	21.98	22.5	1
20	QPSK	50	24	22.26	22.15	22.04	21.89	21.97		
20	QPSK	50	50	22.26	22.09	22.11	21.89	21.94		
20	QPSK	100	0	22.18	22.10	22.22	21.96	21.94		
20	16QAM	1	0	22.39	22.11	22.30	22.16	22.06	22.5	1
20	16QAM	1	49	22.38	22.20	22.17	22.06	22.04		
20	16QAM	1	99	22.32	22.14	22.06	22.08	22.04		
20	16QAM	50	0	21.29	21.15	20.99	20.92	20.99	21.5	2
20	16QAM	50	24	21.34	21.18	21.03	21.00	20.98		
20	16QAM	50	50	21.30	21.16	21.05	20.93	20.99		
20	16QAM	100	0	21.23	21.08	21.09	20.98	20.98		
20	64QAM	1	0	21.23	21.06	21.21	20.93	20.85	21.5	2
20	64QAM	1	49	21.31	21.10	21.05	20.97	20.98		
20	64QAM	1	99	21.25	21.07	21.16	20.99	20.97		
20	64QAM	50	0	20.36	20.14	20.12	20.08	20.06	20.5	3
20	64QAM	50	24	20.33	20.23	20.19	20.09	20.06		
20	64QAM	50	50	20.35	20.18	20.15	19.95	20.05		
20	64QAM	100	0	20.34	20.23	20.16	20.10	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.08	22.98	22.87	22.90	22.86	23.50	0
15	QPSK	1	37	23.05	23.01	22.88	22.90	22.84		
15	QPSK	1	74	23.01	22.97	23.00	22.84	22.83		
15	QPSK	36	0	22.14	22.08	22.04	21.84	21.95	22.5	1
15	QPSK	36	20	22.29	22.07	22.01	21.88	21.94		
15	QPSK	36	39	22.20	22.08	21.97	21.88	21.93		
15	QPSK	75	0	22.24	22.11	22.02	21.88	21.96		
15	16QAM	1	0	22.02	21.87	21.85	21.69	21.74	22.5	1
15	16QAM	1	37	21.95	21.81	21.74	21.77	21.69		
15	16QAM	1	74	22.01	21.99	21.96	21.65	21.76		
15	16QAM	36	0	21.35	21.17	21.03	20.93	21.04	21.5	2
15	16QAM	36	20	21.33	21.17	21.11	21.08	21.03		
15	16QAM	36	39	21.35	21.17	21.14	21.06	21.04		
15	16QAM	75	0	21.24	21.07	21.01	20.90	20.95		
15	64QAM	1	0	21.12	20.93	20.90	20.81	20.84	21.5	2
15	64QAM	1	37	21.13	20.97	20.84	20.72	20.80		
15	64QAM	1	74	21.08	21.00	21.02	20.79	20.83		
15	64QAM	36	0	20.13	20.05	19.95	19.84	19.95	20.5	3
15	64QAM	36	20	20.14	20.15	20.03	19.89	19.93		
15	64QAM	36	39	20.25	20.04	20.10	19.96	19.93		
15	64QAM	75	0	20.26	20.17	20.04	19.91	19.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.90	22.90	22.74	22.78	23.50	0
10	QPSK	1	25	22.98	22.97	22.96	22.69	22.82		
10	QPSK	1	49	23.05	22.89	22.81	22.79	22.78		
10	QPSK	25	0	21.99	21.87	21.91	21.77	21.78	22.5	1
10	QPSK	25	12	22.15	21.93	21.90	21.74	21.81		
10	QPSK	25	25	21.98	21.91	21.92	21.68	21.78		
10	QPSK	50	0	22.09	22.00	21.87	21.79	21.80		
10	16QAM	1	0	22.12	21.93	21.87	21.76	21.82	22.5	1
10	16QAM	1	25	22.01	21.93	21.94	21.85	21.82		
10	16QAM	1	49	22.06	21.95	21.91	21.83	21.77		
10	16QAM	25	0	20.99	20.85	20.88	20.79	20.74	21.5	2
10	16QAM	25	12	20.96	20.90	20.86	20.68	20.77		
10	16QAM	25	25	20.96	20.90	20.69	20.78	20.72		
10	16QAM	50	0	20.92	20.87	20.80	20.65	20.75		
10	64QAM	1	0	21.25	21.14	20.89	21.04	21.02	21.5	2
10	64QAM	1	25	21.23	21.12	21.17	20.95	20.98		
10	64QAM	1	49	21.21	21.16	21.09	21.04	20.97		
10	64QAM	25	0	20.18	19.94	19.87	19.73	19.81	20.5	3
10	64QAM	25	12	20.05	19.99	19.96	19.77	19.83		
10	64QAM	25	25	20.19	19.98	19.80	19.71	19.84		
10	64QAM	50	0	20.17	19.94	19.92	19.78	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.83	22.77	22.71	22.51	22.62	23.50	0
5	QPSK	1	12	22.83	22.87	22.72	22.54	22.63		
5	QPSK	1	24	22.82	22.75	22.65	22.66	22.61		
5	QPSK	12	0	22.12	21.95	21.82	21.82	21.78	22.5	1
5	QPSK	12	7	22.00	21.97	21.88	21.67	21.79		
5	QPSK	12	13	22.10	21.94	21.82	21.81	21.77		
5	QPSK	25	0	22.09	21.89	21.80	21.76	21.72		
5	16QAM	1	0	22.05	21.82	21.74	21.73	21.69	22.5	1
5	16QAM	1	12	21.90	21.87	21.81	21.74	21.70		
5	16QAM	1	24	22.06	21.82	21.77	21.73	21.68		
5	16QAM	12	0	21.11	20.92	20.80	20.79	20.76	21.5	2
5	16QAM	12	7	20.98	20.99	20.89	20.68	20.77		
5	16QAM	12	13	21.08	20.88	20.81	20.79	20.76		
5	16QAM	25	0	21.00	20.95	20.87	20.83	20.79		
5	64QAM	1	0	20.83	20.74	20.71	20.66	20.64	21.5	2
5	64QAM	1	12	20.84	20.86	20.79	20.57	20.66		
5	64QAM	1	24	20.85	20.76	20.69	20.52	20.63		
5	64QAM	12	0	20.00	19.78	19.71	19.71	19.66	20.5	3
5	64QAM	12	7	19.88	19.90	19.80	19.57	19.69		
5	64QAM	12	13	20.02	19.79	19.72	19.69	19.65		
5	64QAM	25	0	19.99	19.78	19.71	19.67	19.63		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.45	23.88	23.78	25	0
20	QPSK	1	49	23.51	23.74	23.80		
20	QPSK	1	99	23.52	23.72	23.82		
20	QPSK	50	0	22.74	23.12	22.94	24	1
20	QPSK	50	24	22.72	22.95	23.09		
20	QPSK	50	50	22.91	23.11	23.00		
20	QPSK	100	0	22.73	23.09	22.94		
20	16QAM	1	0	22.70	22.90	23.07	24	1
20	16QAM	1	49	22.76	22.95	23.08		
20	16QAM	1	99	22.76	22.93	23.03		
20	16QAM	50	0	21.88	21.88	22.05	23	2
20	16QAM	50	24	21.88	22.07	22.22		
20	16QAM	50	50	22.06	22.25	22.27		
20	16QAM	100	0	21.88	22.07	22.21		
20	64QAM	1	0	21.69	21.90	22.06	23	2
20	64QAM	1	49	21.74	21.93	22.06		
20	64QAM	1	99	21.75	21.91	22.01		
20	64QAM	50	0	21.04	21.04	21.19	22	3
20	64QAM	50	24	21.04	21.22	21.36		
20	64QAM	50	50	21.23	21.41	21.42		
20	64QAM	100	0	21.14	21.33	21.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.62	23.69	23.84	25	0
15	QPSK	1	37	23.62	23.69	23.82		
15	QPSK	1	74	23.66	23.71	23.80		
15	QPSK	36	0	22.88	22.96	23.11	24	1
15	QPSK	36	20	22.89	22.96	23.10		
15	QPSK	36	39	23.18	23.24	23.34		
15	QPSK	75	0	23.02	23.09	23.21		
15	16QAM	1	0	22.81	22.86	23.00	24	1
15	16QAM	1	37	22.83	22.89	23.00		
15	16QAM	1	74	22.88	22.91	22.99		
15	16QAM	36	0	21.96	22.03	22.18	23	2
15	16QAM	36	20	21.98	22.04	22.18		
15	16QAM	36	39	22.27	22.32	22.44		
15	16QAM	75	0	22.16	22.22	22.35		
15	64QAM	1	0	21.81	21.87	22.03	23	2
15	64QAM	1	37	21.82	21.88	22.01		
15	64QAM	1	74	21.85	21.89	22.00		
15	64QAM	36	0	21.21	21.27	21.43	22	3
15	64QAM	36	20	21.22	21.28	21.43		
15	64QAM	36	39	21.52	21.56	21.69		
15	64QAM	75	0	21.37	21.42	21.57		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.38	23.67	23.79	25	0
10	QPSK	1	25	23.40	23.67	23.77		
10	QPSK	1	49	23.44	23.70	23.77		
10	QPSK	25	0	22.67	22.86	22.98	24	1
10	QPSK	25	12	22.63	22.90	22.80		
10	QPSK	25	25	22.78	23.04	23.05		
10	QPSK	50	0	22.68	22.96	23.07		
10	16QAM	1	0	22.61	22.87	22.98	24	1
10	16QAM	1	25	22.63	22.88	22.98		
10	16QAM	1	49	22.64	22.88	22.95		
10	16QAM	25	0	21.71	21.98	22.11	23	2
10	16QAM	25	12	21.77	22.04	22.16		
10	16QAM	25	25	21.93	22.19	22.19		
10	16QAM	50	0	21.83	22.09	22.21		
10	64QAM	1	0	21.60	21.86	21.98	23	2
10	64QAM	1	25	21.61	21.86	21.97		
10	64QAM	1	49	21.63	21.87	21.96		
10	64QAM	25	0	20.88	21.15	21.27	22	3
10	64QAM	25	12	20.94	21.20	21.32		
10	64QAM	25	25	21.09	21.35	21.35		
10	64QAM	50	0	20.99	21.25	21.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.46	23.71	23.75	25	0
5	QPSK	1	12	23.41	23.65	23.68		
5	QPSK	1	24	23.57	23.80	23.81		
5	QPSK	12	0	22.56	22.82	22.88	24	1
5	QPSK	12	7	22.63	22.89	22.93		
5	QPSK	12	13	22.68	22.93	22.97		
5	QPSK	25	0	22.61	22.87	22.91		
5	16QAM	1	0	22.63	22.88	22.90	24	1
5	16QAM	1	12	22.63	22.87	22.88		
5	16QAM	1	24	22.97	23.08	23.05		
5	16QAM	12	0	21.65	21.91	21.95	23	2
5	16QAM	12	7	21.71	21.97	22.01		
5	16QAM	12	13	21.77	22.03	22.06		
5	16QAM	25	0	21.76	22.02	22.06		
5	64QAM	1	0	21.66	21.91	21.94	23	2
5	64QAM	1	12	21.61	21.86	21.89		
5	64QAM	1	24	21.83	22.07	22.08		
5	64QAM	12	0	20.85	21.12	21.16	22	3
5	64QAM	12	7	20.93	21.19	21.23		
5	64QAM	12	13	20.98	21.24	21.26		
5	64QAM	25	0	20.92	21.18	21.21		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.27	24.33	24.26	25	0
20	QPSK	1	49	24.27	24.28	24.30		
20	QPSK	1	99	24.22	24.25	24.30		
20	QPSK	50	0	23.08	23.20	23.01	24	1
20	QPSK	50	24	23.18	23.14	23.02		
20	QPSK	50	50	23.16	23.09	23.10		
20	QPSK	100	0	23.07	23.16	23.14		
20	16QAM	1	0	22.97	23.02	23.19	24	1
20	16QAM	1	49	23.10	23.08	23.23		
20	16QAM	1	99	23.00	22.91	22.93		
20	16QAM	50	0	22.13	22.13	21.90	23	2
20	16QAM	50	24	22.16	22.12	22.02		
20	16QAM	50	50	22.24	22.11	22.06		
20	16QAM	100	0	22.14	22.01	22.10		
20	64QAM	1	0	21.98	22.08	22.05	23	2
20	64QAM	1	49	21.99	22.22	21.82		
20	64QAM	1	99	22.11	21.91	22.12		
20	64QAM	50	0	21.01	21.10	20.96	22	3
20	64QAM	50	24	21.10	21.13	21.01		
20	64QAM	50	50	21.16	21.10	21.09		
20	64QAM	100	0	21.12	21.02	21.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.30	24.23	24.22	25	0
15	QPSK	1	37	24.24	24.18	24.28		
15	QPSK	1	74	24.30	24.16	24.26		
15	QPSK	36	0	23.36	23.22	23.24	24	1
15	QPSK	36	20	23.45	23.38	23.37		
15	QPSK	36	39	23.39	23.40	23.36		
15	QPSK	75	0	23.46	23.33	23.36		
15	16QAM	1	0	23.02	23.15	23.12	24	1
15	16QAM	1	37	23.46	22.96	23.13		
15	16QAM	1	74	23.45	23.45	23.32		
15	16QAM	36	0	22.09	22.17	22.10	23	2
15	16QAM	36	20	22.24	22.26	22.23		
15	16QAM	36	39	22.26	22.16	22.18		
15	16QAM	75	0	22.29	22.22	22.18		
15	64QAM	1	0	22.30	22.22	22.18	23	2
15	64QAM	1	37	22.13	22.21	22.13		
15	64QAM	1	74	22.36	22.10	22.27		
15	64QAM	36	0	21.14	21.15	21.04	22	3
15	64QAM	36	20	21.27	21.19	21.18		
15	64QAM	36	39	21.26	21.25	21.16		
15	64QAM	75	0	21.28	21.16	21.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.27	24.13	24.27	25	0
10	QPSK	1	25	24.27	24.19	24.11		
10	QPSK	1	49	24.28	24.20	24.19		
10	QPSK	25	0	23.27	23.22	23.24	24	1
10	QPSK	25	12	23.49	23.41	23.30		
10	QPSK	25	25	23.49	23.38	23.33		
10	QPSK	50	0	23.45	23.40	23.21		
10	16QAM	1	0	22.78	23.09	22.97	24	1
10	16QAM	1	25	23.06	23.07	22.83		
10	16QAM	1	49	22.92	23.05	22.87		
10	16QAM	25	0	22.14	22.05	21.93	23	2
10	16QAM	25	12	22.20	22.14	22.07		
10	16QAM	25	25	22.04	21.98	22.05		
10	16QAM	50	0	22.21	22.15	21.94		
10	64QAM	1	0	22.18	22.09	22.02	23	2
10	64QAM	1	25	22.00	21.97	22.19		
10	64QAM	1	49	22.21	22.26	22.00		
10	64QAM	25	0	21.15	21.09	21.10	22	3
10	64QAM	25	12	21.26	21.28	21.08		
10	64QAM	25	25	21.08	21.28	21.31		
10	64QAM	50	0	21.12	21.10	21.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.24	24.17	24.18	25	0
5	QPSK	1	12	24.03	24.05	24.16		
5	QPSK	1	24	24.15	24.22	24.28		
5	QPSK	12	0	23.27	23.12	23.06	24	1
5	QPSK	12	7	23.21	23.27	23.12		
5	QPSK	12	13	23.12	23.19	23.21		
5	QPSK	25	0	23.25	23.05	23.05		
5	16QAM	1	0	23.07	23.17	23.38	24	1
5	16QAM	1	12	23.31	23.31	23.53		
5	16QAM	1	24	23.18	23.44	23.41		
5	16QAM	12	0	22.42	22.17	22.18	23	2
5	16QAM	12	7	22.45	22.36	22.28		
5	16QAM	12	13	22.28	22.30	22.32		
5	16QAM	25	0	22.40	22.37	22.20		
5	64QAM	1	0	22.44	22.17	22.19	23	2
5	64QAM	1	12	22.25	22.56	22.45		
5	64QAM	1	24	22.28	22.37	22.46		
5	64QAM	12	0	21.21	21.17	21.14	22	3
5	64QAM	12	7	21.37	21.31	21.17		
5	64QAM	12	13	21.29	21.20	21.18		
5	64QAM	25	0	21.23	21.14	21.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.32	24.29	24.23	25	0
3	QPSK	1	8	24.21	24.25	24.27		
3	QPSK	1	14	24.25	24.26	24.30		
3	QPSK	8	0	23.31	23.23	23.38	24	1
3	QPSK	8	4	23.33	23.28	23.40		
3	QPSK	8	7	23.55	23.22	23.44		
3	QPSK	15	0	23.48	23.33	23.37		
3	16QAM	1	0	23.28	23.28	23.49	24	1
3	16QAM	1	8	23.45	23.48	23.43		
3	16QAM	1	14	23.30	23.39	23.30		
3	16QAM	8	0	22.36	22.27	21.95	23	2
3	16QAM	8	4	22.44	22.36	22.34		
3	16QAM	8	7	22.25	22.28	22.00		
3	16QAM	15	0	22.33	22.21	22.22		
3	64QAM	1	0	22.22	22.29	22.54	23	2
3	64QAM	1	8	22.65	22.17	22.61		
3	64QAM	1	14	22.55	22.27	22.66		
3	64QAM	8	0	21.47	21.29	21.24	22	3
3	64QAM	8	4	21.37	21.42	21.30		
3	64QAM	8	7	21.27	21.31	21.34		
3	64QAM	15	0	21.39	21.28	21.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.19	24.22	24.07	25	0
1.4	QPSK	1	3	24.27	24.26	24.21		
1.4	QPSK	1	5	24.29	24.03	24.18		
1.4	QPSK	3	0	24.28	24.16	24.12		
1.4	QPSK	3	1	24.31	24.24	24.25		
1.4	QPSK	3	3	24.28	24.24	24.16		
1.4	QPSK	6	0	23.28	23.22	23.16	24	1
1.4	16QAM	1	0	23.13	23.22	23.40	24	1
1.4	16QAM	1	3	23.31	23.19	23.04		
1.4	16QAM	1	5	23.43	23.30	23.09		
1.4	16QAM	3	0	23.40	23.22	23.13		
1.4	16QAM	3	1	23.11	23.16	23.25		
1.4	16QAM	3	3	23.09	23.10	23.13		
1.4	16QAM	6	0	22.23	22.22	22.35	23	2
1.4	64QAM	1	0	21.86	22.22	22.16	23	2
1.4	64QAM	1	3	21.97	21.88	22.19		
1.4	64QAM	1	5	22.06	21.98	21.81		
1.4	64QAM	3	0	21.94	22.22	22.00		
1.4	64QAM	3	1	22.22	22.04	22.11		
1.4	64QAM	3	3	21.85	22.07	22.06		
1.4	64QAM	6	0	21.32	21.22	21.31	22	3

Band 4_Ant8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.32	24.37	24.36	25	0
20	QPSK	1	49	24.24	24.10	23.99		
20	QPSK	1	99	23.92	23.93	24.14		
20	QPSK	50	0	23.22	23.33	23.21	24	1
20	QPSK	50	24	23.31	23.31	23.22		
20	QPSK	50	50	23.13	23.20	23.13		
20	QPSK	100	0	23.27	23.30	23.19		
20	16QAM	1	0	23.32	23.35	23.19	24	1
20	16QAM	1	49	23.33	23.27	23.13		
20	16QAM	1	99	23.15	23.06	23.38		
20	16QAM	50	0	22.19	22.22	22.26	23	2
20	16QAM	50	24	22.22	22.15	22.27		
20	16QAM	50	50	22.12	22.12	22.18		
20	16QAM	100	0	22.19	22.20	22.23		
20	64QAM	1	0	22.19	22.37	22.12	23	2
20	64QAM	1	49	22.57	22.15	22.39		
20	64QAM	1	99	22.33	22.13	22.41		
20	64QAM	50	0	21.30	21.36	21.32	22	3
20	64QAM	50	24	21.35	21.33	21.39		
20	64QAM	50	50	21.27	21.24	21.17		
20	64QAM	100	0	21.31	21.25	21.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.06	24.21	24.21	25	0
15	QPSK	1	37	24.12	24.36	24.03		
15	QPSK	1	74	24.06	24.20	24.02		
15	QPSK	36	0	23.23	23.21	23.19	24	1
15	QPSK	36	20	23.27	23.23	23.21		
15	QPSK	36	39	23.21	23.26	23.18		
15	QPSK	75	0	23.23	23.21	23.17		
15	16QAM	1	0	22.81	23.18	22.89	24	1
15	16QAM	1	37	23.01	23.18	23.16		
15	16QAM	1	74	22.99	23.03	23.21		
15	16QAM	36	0	22.20	22.26	22.17	23	2
15	16QAM	36	20	22.22	22.22	22.21		
15	16QAM	36	39	22.17	22.15	22.20		
15	16QAM	75	0	22.18	22.18	22.11		
15	64QAM	1	0	22.14	22.13	21.87	23	2
15	64QAM	1	37	22.23	22.00	21.76		
15	64QAM	1	74	22.09	22.14	21.94		
15	64QAM	36	0	21.04	21.13	21.06	22	3
15	64QAM	36	20	21.13	21.10	20.89		
15	64QAM	36	39	21.09	21.05	21.03		
15	64QAM	75	0	21.02	20.97	20.98		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.37	24.34	24.06	25	0
10	QPSK	1	25	24.18	24.21	24.19		
10	QPSK	1	49	24.15	24.35	24.07		
10	QPSK	25	0	23.08	23.24	23.17	24	1
10	QPSK	25	12	23.28	23.15	23.23		
10	QPSK	25	25	23.35	23.30	23.22		
10	QPSK	50	0	23.30	23.30	23.23		
10	16QAM	1	0	23.18	23.26	23.00	24	1
10	16QAM	1	25	23.10	23.14	23.27		
10	16QAM	1	49	23.33	23.39	23.07		
10	16QAM	25	0	22.26	22.22	22.04	23	2
10	16QAM	25	12	22.21	22.10	22.17		
10	16QAM	25	25	22.27	22.39	22.17		
10	16QAM	50	0	22.26	22.12	22.25		
10	64QAM	1	0	22.39	22.22	22.49	23	2
10	64QAM	1	25	22.47	22.27	22.40		
10	64QAM	1	49	22.47	22.20	22.37		
10	64QAM	25	0	21.28	21.28	21.21	22	3
10	64QAM	25	12	21.30	21.37	21.38		
10	64QAM	25	25	21.36	21.30	21.15		
10	64QAM	50	0	21.24	21.28	21.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.03	24.08	24.09	25	0
5	QPSK	1	12	24.02	24.17	24.07		
5	QPSK	1	24	24.18	23.86	23.98		
5	QPSK	12	0	23.20	23.10	23.05	24	1
5	QPSK	12	7	23.31	23.25	23.25		
5	QPSK	12	13	23.21	23.25	23.21		
5	QPSK	25	0	23.17	23.15	23.18		
5	16QAM	1	0	23.19	23.14	23.16	24	1
5	16QAM	1	12	23.37	23.24	23.39		
5	16QAM	1	24	23.26	23.36	23.34		
5	16QAM	12	0	21.95	22.09	22.03	23	2
5	16QAM	12	7	22.19	22.22	22.27		
5	16QAM	12	13	22.29	22.14	22.05		
5	16QAM	25	0	22.24	22.12	22.05		
5	64QAM	1	0	22.28	22.05	22.03	23	2
5	64QAM	1	12	22.18	22.23	21.95		
5	64QAM	1	24	22.17	22.34	22.05		
5	64QAM	12	0	21.11	21.10	21.05	22	3
5	64QAM	12	7	21.25	21.22	21.15		
5	64QAM	12	13	21.06	21.12	21.08		
5	64QAM	25	0	21.28	21.21	21.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.18	24.13	24.04	25	0
3	QPSK	1	8	24.25	24.27	24.24		
3	QPSK	1	14	24.16	24.17	24.12		
3	QPSK	8	0	23.21	23.17	23.19	24	1
3	QPSK	8	4	23.25	23.29	23.15		
3	QPSK	8	7	23.19	23.30	23.21		
3	QPSK	15	0	23.21	23.14	23.19		
3	16QAM	1	0	22.79	23.05	22.79	24	1
3	16QAM	1	8	22.85	23.10	22.96		
3	16QAM	1	14	22.72	23.16	23.09		
3	16QAM	8	0	22.04	22.11	21.82	23	2
3	16QAM	8	4	22.11	22.12	21.94		
3	16QAM	8	7	22.05	21.94	21.96		
3	16QAM	15	0	22.14	21.90	21.85		
3	64QAM	1	0	22.25	22.06	22.27	23	2
3	64QAM	1	8	22.30	22.15	22.27		
3	64QAM	1	14	22.02	22.07	21.95		
3	64QAM	8	0	20.94	21.11	21.18	22	3
3	64QAM	8	4	21.07	20.90	20.98		
3	64QAM	8	7	21.09	21.13	20.86		
3	64QAM	15	0	20.94	21.00	21.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.11	24.16	24.20	25	0
1.4	QPSK	1	3	24.03	24.12	24.11		
1.4	QPSK	1	5	24.05	24.21	24.05		
1.4	QPSK	3	0	23.88	23.97	23.73		
1.4	QPSK	3	1	24.19	24.14	24.19		
1.4	QPSK	3	3	24.11	23.99	23.89		
1.4	QPSK	6	0	23.16	23.13	23.03	24	1
1.4	16QAM	1	0	23.57	23.57	23.30	24	1
1.4	16QAM	1	3	23.34	23.23	23.26		
1.4	16QAM	1	5	23.29	23.28	23.38		
1.4	16QAM	3	0	23.27	23.14	22.99		
1.4	16QAM	3	1	23.25	23.29	23.16		
1.4	16QAM	3	3	23.02	23.38	23.07		
1.4	16QAM	6	0	22.22	22.15	22.14	23	2
1.4	64QAM	1	0	21.94	22.14	21.77	23	2
1.4	64QAM	1	3	21.77	22.03	21.94		
1.4	64QAM	1	5	22.05	21.77	21.97		
1.4	64QAM	3	0	22.01	21.93	21.96		
1.4	64QAM	3	1	21.92	21.95	22.13		
1.4	64QAM	3	3	21.84	21.87	22.06		
1.4	64QAM	6	0	21.22	21.12	20.95	22	3

Band 7_Ant8 Full

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.54	23.88	23.54	24	0
20	QPSK	1	49	23.71	23.75	23.79		
20	QPSK	1	99	23.83	23.69	23.71		
20	QPSK	50	0	22.76	22.82	22.76	23	1
20	QPSK	50	24	22.80	22.81	22.79		
20	QPSK	50	50	22.81	22.80	22.76		
20	QPSK	100	0	22.82	22.84	22.83		
20	16QAM	1	0	22.77	22.83	22.76	23	1
20	16QAM	1	49	22.54	22.61	22.85		
20	16QAM	1	99	22.82	22.99	22.87		
20	16QAM	50	0	21.80	21.77	21.64	22	2
20	16QAM	50	24	21.75	21.83	21.81		
20	16QAM	50	50	21.97	21.88	21.87		
20	16QAM	100	0	21.89	21.76	21.66		
20	64QAM	1	0	21.88	21.83	21.82	22	2
20	64QAM	1	49	21.87	21.89	21.79		
20	64QAM	1	99	21.79	21.86	21.71		
20	64QAM	50	0	20.75	20.83	20.70	21	3
20	64QAM	50	24	20.84	20.81	20.79		
20	64QAM	50	50	20.84	20.89	20.89		
20	64QAM	100	0	20.88	20.70	20.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.70	23.72	23.68	24	0
15	QPSK	1	37	23.76	23.75	23.75		
15	QPSK	1	74	23.76	23.85	23.78		
15	QPSK	36	0	22.88	22.77	22.68	23	1
15	QPSK	36	20	22.85	22.87	22.80		
15	QPSK	36	39	22.88	22.80	22.83		
15	QPSK	75	0	22.85	22.80	22.78		
15	16QAM	1	0	22.47	22.69	22.46	23	1
15	16QAM	1	37	22.79	22.59	22.54		
15	16QAM	1	74	22.66	22.36	22.35		
15	16QAM	36	0	21.88	21.76	21.75	22	2
15	16QAM	36	20	21.88	21.83	21.76		
15	16QAM	36	39	21.86	21.86	21.72		
15	16QAM	75	0	21.84	21.89	21.81		
15	64QAM	1	0	21.89	21.72	21.74	22	2
15	64QAM	1	37	21.85	21.88	21.79		
15	64QAM	1	74	21.76	21.96	21.87		
15	64QAM	36	0	20.77	20.68	20.73	21	3
15	64QAM	36	20	20.85	20.76	20.60		
15	64QAM	36	39	20.78	20.80	20.68		
15	64QAM	75	0	20.68	20.55	20.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.57	23.58	23.54	24	0
10	QPSK	1	25	23.57	23.60	23.61		
10	QPSK	1	49	23.79	23.63	23.61		
10	QPSK	25	0	22.61	22.54	22.51	23	1
10	QPSK	25	12	22.62	22.55	22.54		
10	QPSK	25	25	22.60	22.59	22.53		
10	QPSK	50	0	22.55	22.55	22.50		
10	16QAM	1	0	22.84	22.55	22.77	23	1
10	16QAM	1	25	22.58	22.64	22.73		
10	16QAM	1	49	22.65	22.53	22.72		
10	16QAM	25	0	21.64	21.57	21.36	22	2
10	16QAM	25	12	21.63	21.49	21.49		
10	16QAM	25	25	21.67	21.53	21.61		
10	16QAM	50	0	21.59	21.58	21.40		
10	64QAM	1	0	21.66	21.56	21.68	22	2
10	64QAM	1	25	21.62	21.54	21.58		
10	64QAM	1	49	21.64	21.96	21.58		
10	64QAM	25	0	20.59	20.55	20.48	21	3
10	64QAM	25	12	20.66	20.58	20.59		
10	64QAM	25	25	20.47	20.58	20.50		
10	64QAM	50	0	20.67	20.58	20.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.45	23.62	23.58	24	0
5	QPSK	1	12	23.49	23.56	23.57		
5	QPSK	1	24	23.60	23.66	23.48		
5	QPSK	12	0	22.57	22.55	22.58	23	1
5	QPSK	12	7	22.66	22.52	22.53		
5	QPSK	12	13	22.63	22.64	22.56		
5	QPSK	25	0	22.67	22.50	22.56		
5	16QAM	1	0	22.56	22.57	22.82	23	1
5	16QAM	1	12	22.83	22.63	22.72		
5	16QAM	1	24	22.78	22.88	22.59		
5	16QAM	12	0	21.71	21.56	21.54	22	2
5	16QAM	12	7	21.68	21.51	21.48		
5	16QAM	12	13	21.73	21.68	21.55		
5	16QAM	25	0	21.63	21.65	21.55		
5	64QAM	1	0	21.62	21.67	21.87	22	2
5	64QAM	1	12	21.64	21.82	21.87		
5	64QAM	1	24	21.67	21.61	21.66		
5	64QAM	12	0	20.46	20.62	20.53	21	3
5	64QAM	12	7	20.75	20.61	20.57		
5	64QAM	12	13	20.67	20.55	20.56		
5	64QAM	25	0	20.78	20.51	20.54		

Band 66_Ant8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.49	23.55	23.41	25	0
20	QPSK	1	49	23.47	23.54	23.48		
20	QPSK	1	99	23.48	23.29	23.22		
20	QPSK	50	0	22.51	22.62	22.48	24	1
20	QPSK	50	24	22.61	22.46	22.46		
20	QPSK	50	50	22.53	22.52	22.38		
20	QPSK	100	0	22.47	22.57	22.30		
20	16QAM	1	0	22.58	22.61	22.59	24	1
20	16QAM	1	49	23.00	22.98	22.97		
20	16QAM	1	99	22.90	22.96	22.58		
20	16QAM	50	0	21.42	21.49	21.33	23	2
20	16QAM	50	24	21.70	21.53	21.39		
20	16QAM	50	50	21.57	21.48	21.45		
20	16QAM	100	0	21.61	21.47	21.48		
20	64QAM	1	0	21.30	21.40	21.61	23	2
20	64QAM	1	49	21.70	21.80	21.72		
20	64QAM	1	99	21.43	21.79	21.42		
20	64QAM	50	0	20.43	20.39	20.43	22	3
20	64QAM	50	24	20.59	20.50	20.39		
20	64QAM	50	50	20.52	20.50	20.34		
20	64QAM	100	0	20.52	20.45	20.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.50	23.49	23.49	25	0
15	QPSK	1	37	23.41	23.45	23.42		
15	QPSK	1	74	23.42	23.35	23.37		
15	QPSK	36	0	22.56	22.43	22.44	24	1
15	QPSK	36	20	22.60	22.48	22.46		
15	QPSK	36	39	22.49	22.56	22.32		
15	QPSK	75	0	22.50	22.44	22.39		
15	16QAM	1	0	22.21	22.43	22.11	24	1
15	16QAM	1	37	22.01	22.02	22.00		
15	16QAM	1	74	22.35	22.15	22.31		
15	16QAM	36	0	21.39	21.47	21.38	23	2
15	16QAM	36	20	21.50	21.42	21.43		
15	16QAM	36	39	21.44	21.48	21.42		
15	16QAM	75	0	21.60	21.53	21.36		
15	64QAM	1	0	21.44	21.43	21.28	23	2
15	64QAM	1	37	21.41	21.40	21.20		
15	64QAM	1	74	21.69	21.23	21.30		
15	64QAM	36	0	20.54	20.52	20.47	22	3
15	64QAM	36	20	20.59	20.55	20.52		
15	64QAM	36	39	20.57	20.62	20.39		
15	64QAM	75	0	20.60	20.47	20.36		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.45	23.28	23.31	25	0
10	QPSK	1	25	23.32	23.34	23.22		
10	QPSK	1	49	23.43	23.39	23.16		
10	QPSK	25	0	22.32	22.27	22.15	24	1
10	QPSK	25	12	22.33	22.27	22.22		
10	QPSK	25	25	22.26	22.27	22.17		
10	QPSK	50	0	22.34	22.18	22.20		
10	16QAM	1	0	22.39	22.25	22.19	24	1
10	16QAM	1	25	22.04	22.00	22.01		
10	16QAM	1	49	22.15	22.25	22.05		
10	16QAM	25	0	21.08	21.24	21.11	23	2
10	16QAM	25	12	21.19	21.08	21.16		
10	16QAM	25	25	21.15	21.16	21.03		
10	16QAM	50	0	21.26	21.07	21.11		
10	64QAM	1	0	21.58	21.24	21.19	23	2
10	64QAM	1	25	21.51	21.44	21.63		
10	64QAM	1	49	21.54	21.62	21.61		
10	64QAM	25	0	20.02	20.23	20.16	22	3
10	64QAM	25	12	20.33	20.28	20.24		
10	64QAM	25	25	20.21	20.14	20.09		
10	64QAM	50	0	20.22	20.10	20.05		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.39	23.49	23.40	25	0
5	QPSK	1	12	23.32	23.13	23.12		
5	QPSK	1	24	23.35	23.32	23.34		
5	QPSK	12	0	22.50	22.31	22.26	24	1
5	QPSK	12	7	22.50	22.37	22.33		
5	QPSK	12	13	22.54	22.45	22.28		
5	QPSK	25	0	22.49	22.35	22.33		
5	16QAM	1	0	22.24	22.26	22.15	24	1
5	16QAM	1	12	22.37	22.36	22.19		
5	16QAM	1	24	22.42	22.27	22.56		
5	16QAM	12	0	21.46	21.31	21.32	23	2
5	16QAM	12	7	21.56	21.43	21.40		
5	16QAM	12	13	21.40	21.36	21.40		
5	16QAM	25	0	21.58	21.46	21.26		
5	64QAM	1	0	21.15	21.25	21.07	23	2
5	64QAM	1	12	21.00	21.04	21.12		
5	64QAM	1	24	21.02	21.08	21.16		
5	64QAM	12	0	20.39	20.28	20.30	22	3
5	64QAM	12	7	20.61	20.25	20.39		
5	64QAM	12	13	20.49	20.51	20.26		
5	64QAM	25	0	20.48	20.39	20.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.45	23.48	23.29	25	0
3	QPSK	1	8	23.42	23.41	23.28		
3	QPSK	1	14	23.40	23.41	23.38		
3	QPSK	8	0	22.38	22.47	22.26	24	1
3	QPSK	8	4	22.60	22.52	22.39		
3	QPSK	8	7	22.57	22.51	22.40		
3	QPSK	15	0	22.54	22.51	22.34		
3	16QAM	1	0	22.48	22.42	22.43	24	1
3	16QAM	1	8	22.40	22.57	22.50		
3	16QAM	1	14	22.28	22.27	22.29		
3	16QAM	8	0	21.58	21.45	21.38	23	2
3	16QAM	8	4	21.65	21.64	21.37		
3	16QAM	8	7	21.55	21.67	21.28		
3	16QAM	15	0	21.62	21.26	21.47		
3	64QAM	1	0	21.64	21.47	21.41	23	2
3	64QAM	1	8	21.60	21.38	21.44		
3	64QAM	1	14	21.64	21.64	21.42		
3	64QAM	8	0	20.30	20.49	20.40	22	3
3	64QAM	8	4	20.47	20.48	20.43		
3	64QAM	8	7	20.48	20.49	20.38		
3	64QAM	15	0	20.45	20.37	20.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.42	23.27	23.17	25	0
1.4	QPSK	1	3	23.38	23.42	23.13		
1.4	QPSK	1	5	23.25	23.54	23.36		
1.4	QPSK	3	0	23.23	23.15	23.08		
1.4	QPSK	3	1	23.42	23.44	23.40		
1.4	QPSK	3	3	23.15	23.42	23.22		
1.4	QPSK	6	0	22.06	22.18	22.14	24	1
1.4	16QAM	1	0	22.08	22.27	22.04	24	1
1.4	16QAM	1	3	22.23	22.21	22.09		
1.4	16QAM	1	5	22.15	22.21	22.12		
1.4	16QAM	3	0	22.01	22.03	22.07		
1.4	16QAM	3	1	22.06	22.21	22.01		
1.4	16QAM	3	3	22.08	22.05	22.12		
1.4	16QAM	6	0	21.15	21.18	21.09	23	2
1.4	64QAM	1	0	21.08	21.19	21.37	23	2
1.4	64QAM	1	3	21.42	21.35	21.06		
1.4	64QAM	1	5	21.18	21.11	21.06		
1.4	64QAM	3	0	21.19	21.11	21.09		
1.4	64QAM	3	1	21.12	21.07	21.05		
1.4	64QAM	3	3	21.22	21.26	21.02		
1.4	64QAM	6	0	20.14	20.21	20.17	22	3

Band 38_Ant8 Full

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.24	24.27	24.15	24.5	0
20	QPSK	1	49	24.06	23.91	23.89		
20	QPSK	1	99	24.03	23.87	23.93		
20	QPSK	50	0	23.24	23.26	23.19	23.5	1
20	QPSK	50	24	23.26	23.18	22.96		
20	QPSK	50	50	23.23	23.15	23.06		
20	QPSK	100	0	23.17	23.20	22.94		
20	16QAM	1	0	23.28	23.29	23.19	23.5	1
20	16QAM	1	49	23.25	23.23	22.97		
20	16QAM	1	99	23.16	23.24	23.06		
20	16QAM	50	0	22.22	22.17	22.15	22.5	2
20	16QAM	50	24	22.24	22.25	22.01		
20	16QAM	50	50	22.26	22.24	22.11		
20	16QAM	100	0	22.25	22.25	22.04		
20	64QAM	1	0	22.29	22.25	22.01	22.5	2
20	64QAM	1	49	22.25	22.16	22.16		
20	64QAM	1	99	22.20	22.08	22.10		
20	64QAM	50	0	21.35	21.21	21.05	21.5	3
20	64QAM	50	24	21.22	21.31	21.16		
20	64QAM	50	50	21.39	21.26	21.11		
20	64QAM	100	0	21.27	21.35	21.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.14	24.02	23.93	24.5	0
15	QPSK	1	37	24.18	24.01	23.90		
15	QPSK	1	74	24.00	23.97	23.93		
15	QPSK	36	0	23.18	23.08	23.08	23.5	1
15	QPSK	36	20	23.28	23.13	23.08		
15	QPSK	36	39	23.25	23.17	23.00		
15	QPSK	75	0	23.32	23.24	23.10		
15	16QAM	1	0	23.40	23.09	23.16	23.5	1
15	16QAM	1	37	23.27	23.09	23.10		
15	16QAM	1	74	23.17	23.25	23.04		
15	16QAM	36	0	22.00	21.96	21.94	22.5	2
15	16QAM	36	20	22.09	21.92	21.76		
15	16QAM	36	39	21.99	21.89	21.77		
15	16QAM	75	0	22.06	21.96	21.88		
15	64QAM	1	0	22.06	21.95	21.86	22.5	2
15	64QAM	1	37	22.07	22.01	21.90		
15	64QAM	1	74	21.97	21.82	21.86		
15	64QAM	36	0	21.01	20.93	20.87	21.5	3
15	64QAM	36	20	21.06	20.98	20.84		
15	64QAM	36	39	21.05	20.92	20.81		
15	64QAM	75	0	21.12	20.99	20.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.20	24.00	23.96	24.5	0
10	QPSK	1	25	24.08	24.22	23.92		
10	QPSK	1	49	24.19	23.94	23.86		
10	QPSK	25	0	23.09	22.99	22.88	23.5	1
10	QPSK	25	12	23.06	23.06	22.85		
10	QPSK	25	25	23.13	23.04	22.90		
10	QPSK	50	0	23.12	22.97	22.85		
10	16QAM	1	0	23.25	23.01	22.95	23.5	1
10	16QAM	1	25	23.11	23.01	22.88		
10	16QAM	1	49	23.28	23.03	22.94		
10	16QAM	25	0	22.14	21.97	21.88	22.5	2
10	16QAM	25	12	22.00	22.05	21.91		
10	16QAM	25	25	22.12	21.95	21.89		
10	16QAM	50	0	22.21	22.03	21.92		
10	64QAM	1	0	22.24	22.00	22.26	22.5	2
10	64QAM	1	25	22.31	22.24	22.07		
10	64QAM	1	49	22.14	22.29	21.89		
10	64QAM	25	0	21.14	20.95	20.82	21.5	3
10	64QAM	25	12	21.11	21.00	20.86		
10	64QAM	25	25	21.08	20.99	20.71		
10	64QAM	50	0	21.02	21.00	20.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.25	24.04	23.87	24.5	0
5	QPSK	1	12	24.15	24.05	23.88		
5	QPSK	1	24	24.04	24.08	23.92		
5	QPSK	12	0	23.17	22.90	23.05	23.5	1
5	QPSK	12	7	23.37	23.17	23.00		
5	QPSK	12	13	23.23	23.14	23.01		
5	QPSK	25	0	23.24	23.02	22.85		
5	16QAM	1	0	22.91	22.98	22.67	23.5	1
5	16QAM	1	12	22.91	22.70	22.74		
5	16QAM	1	24	23.05	22.82	22.69		
5	16QAM	12	0	22.29	21.98	21.93	22.5	2
5	16QAM	12	7	22.33	22.07	21.96		
5	16QAM	12	13	22.26	22.19	21.87		
5	16QAM	25	0	22.31	22.19	21.97		
5	64QAM	1	0	22.16	22.04	21.86	22.5	2
5	64QAM	1	12	22.12	22.03	21.94		
5	64QAM	1	24	21.74	21.71	21.82		
5	64QAM	12	0	21.19	21.09	20.98	21.5	3
5	64QAM	12	7	21.25	21.28	20.98		
5	64QAM	12	13	21.26	21.10	20.88		
5	64QAM	25	0	21.29	21.01	20.91		

Band 41_Ant8 Full

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	24.18	24.18	24.32	24.30	24.29	24.5	0
20	QPSK	1	49	24.13	24.10	24.06	23.93	24.06		
20	QPSK	1	99	24.14	24.10	24.08	23.94	24.09		
20	QPSK	50	0	23.22	23.13	23.26	23.24	23.07	23.5	1
20	QPSK	50	24	23.13	23.09	23.12	22.92	23.08		
20	QPSK	50	50	23.20	23.07	23.02	22.89	23.01		
20	QPSK	100	0	23.00	23.15	23.19	23.18	23.03		
20	16QAM	1	0	23.36	23.28	23.32	23.23	23.29	23.5	1
20	16QAM	1	49	23.34	23.29	23.16	23.09	23.24		
20	16QAM	1	99	23.35	23.28	23.25	23.10	23.26		
20	16QAM	50	0	22.37	22.30	22.19	22.16	22.25	22.5	2
20	16QAM	50	24	22.50	22.31	22.33	22.14	22.29		
20	16QAM	50	50	22.50	22.28	22.30	22.09	22.25		
20	16QAM	100	0	22.31	22.32	22.24	22.10	22.24		
20	64QAM	1	0	22.38	22.37	22.35	22.21	22.37	22.5	2
20	64QAM	1	49	22.31	22.36	22.35	22.21	22.31		
20	64QAM	1	99	22.45	22.31	22.39	22.19	22.31		
20	64QAM	50	0	21.29	21.23	21.28	21.26	21.50	21.5	3
20	64QAM	50	24	21.19	21.34	21.26	21.19	21.25		
20	64QAM	50	50	21.28	21.27	21.20	21.33	21.50		
20	64QAM	100	0	21.20	21.32	21.28	21.48	21.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.14	24.15	23.94	23.96	23.90	24.50	0
15	QPSK	1	37	24.13	24.11	23.99	23.95	23.86		
15	QPSK	1	74	24.28	24.08	23.95	23.93	23.83		
15	QPSK	36	0	23.08	23.09	22.85	22.90	22.83	23.5	1
15	QPSK	36	20	23.09	23.07	22.89	22.89	22.83		
15	QPSK	36	39	23.18	23.09	22.92	22.86	22.82		
15	QPSK	75	0	23.27	23.12	22.96	22.90	22.87		
15	16QAM	1	0	23.21	23.04	22.98	22.96	22.90	23.5	1
15	16QAM	1	37	23.23	23.06	22.92	22.95	22.86		
15	16QAM	1	74	23.13	23.10	23.06	22.96	22.84		
15	16QAM	36	0	22.25	22.22	22.01	21.91	21.97	22.5	2
15	16QAM	36	20	22.24	22.15	22.09	22.02	21.96		
15	16QAM	36	39	22.22	22.18	22.10	21.99	21.96		
15	16QAM	75	0	22.32	22.33	22.11	22.11	22.06		
15	64QAM	1	0	22.23	22.30	22.16	21.88	22.00	22.5	2
15	64QAM	1	37	22.22	22.05	22.10	22.03	21.94		
15	64QAM	1	74	22.36	22.14	22.00	22.04	21.92		
15	64QAM	36	0	21.10	21.07	20.91	20.91	20.85	21.5	3
15	64QAM	36	20	21.23	21.04	20.99	20.89	20.85		
15	64QAM	36	39	21.25	21.02	20.95	20.87	20.84		
15	64QAM	75	0	21.13	21.14	20.93	20.91	20.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.21	24.21	23.99	23.86	23.96	24.50	0
10	QPSK	1	25	24.21	24.20	24.00	23.84	23.91		
10	QPSK	1	49	24.18	24.05	24.10	23.96	23.88		
10	QPSK	25	0	22.99	22.97	22.75	22.83	22.73	23.5	1
10	QPSK	25	12	23.00	23.02	22.83	22.68	22.76		
10	QPSK	25	25	23.15	22.96	22.86	22.78	22.75		
10	QPSK	50	0	23.00	22.93	22.89	22.82	22.75		
10	16QAM	1	0	23.14	23.08	23.03	22.85	22.88	23.5	1
10	16QAM	1	25	23.12	23.12	23.01	22.94	22.86		
10	16QAM	1	49	23.15	22.98	23.02	22.94	22.83		
10	16QAM	25	0	21.98	21.88	21.73	21.77	21.68	22.5	2
10	16QAM	25	12	21.98	22.00	21.83	21.78	21.69		
10	16QAM	25	25	21.95	21.94	21.85	21.71	21.67		
10	16QAM	50	0	21.94	21.92	21.80	21.75	21.70		
10	64QAM	1	0	22.03	21.99	21.77	21.80	21.76	22.5	2
10	64QAM	1	25	22.00	21.93	21.80	21.73	21.70		
10	64QAM	1	49	21.99	22.01	21.85	21.73	21.70		
10	64QAM	25	0	21.29	21.30	21.12	20.95	21.05	21.5	3
10	64QAM	25	12	21.30	21.25	21.10	21.10	21.03		
10	64QAM	25	25	21.28	21.24	21.12	21.03	21.02		
10	64QAM	50	0	21.50	21.31	21.20	21.13	21.10		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.11	24.01	24.02	23.82	23.83	24.50	0
5	QPSK	1	12	24.13	23.78	24.04	23.78	23.88		
5	QPSK	1	24	24.14	24.16	23.86	23.89	23.87		
5	QPSK	12	0	22.99	22.90	22.81	22.73	22.62	23.5	1
5	QPSK	12	7	22.94	22.90	22.83	22.72	22.64		
5	QPSK	12	13	23.02	22.83	22.80	22.69	22.65		
5	QPSK	25	0	23.01	22.86	22.73	22.68	22.60		
5	16QAM	1	0	23.06	22.78	22.98	22.78	22.71	23.5	1
5	16QAM	1	12	22.99	23.12	22.75	22.79	22.67		
5	16QAM	1	24	23.07	23.01	22.77	22.72	22.66		
5	16QAM	12	0	22.23	22.25	22.07	21.89	21.96	22.5	2
5	16QAM	12	7	22.23	22.30	22.08	21.99	21.97		
5	16QAM	12	13	22.23	22.12	22.01	21.96	21.91		
5	16QAM	25	0	22.31	22.30	22.11	22.07	22.04		
5	64QAM	1	0	22.10	21.88	22.00	21.82	21.89	22.5	2
5	64QAM	1	12	22.07	21.96	22.11	21.87	21.80		
5	64QAM	1	24	22.10	22.12	22.09	21.87	21.80		
5	64QAM	12	0	21.02	20.96	20.84	20.82	20.75	21.5	3
5	64QAM	12	7	21.05	21.06	20.91	20.77	20.73		
5	64QAM	12	13	21.08	20.98	20.80	20.80	20.72		
5	64QAM	25	0	20.93	20.90	20.78	20.75	20.65		

Band 42_Ant11 DSI1&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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.37	23.70	23.63	24	0
20	QPSK	1	49	23.34	23.50	23.68		
20	QPSK	1	99	23.36	23.44	23.65		
20	QPSK	50	0	22.40	22.78	22.72	23	1
20	QPSK	50	24	22.41	22.61	22.77		
20	QPSK	50	50	22.45	22.56	22.74		
20	QPSK	100	0	22.41	22.75	22.71		
20	16QAM	1	0	22.48	22.58	22.77	23	1
20	16QAM	1	49	22.42	22.57	22.81		
20	16QAM	1	99	22.37	22.53	22.69		
20	16QAM	50	0	21.39	21.56	21.72	22	2
20	16QAM	50	24	21.45	21.68	21.81		
20	16QAM	50	50	21.46	21.59	21.76		
20	16QAM	100	0	21.40	21.60	21.78		
20	64QAM	1	0	21.18	21.24	21.45	22	2
20	64QAM	1	49	21.14	21.32	21.53		
20	64QAM	1	99	21.13	21.30	21.48		
20	64QAM	50	0	20.33	20.48	20.67	21	3
20	64QAM	50	24	20.38	20.55	20.76		
20	64QAM	50	50	20.41	20.54	20.70		
20	64QAM	100	0	20.41	20.65	20.81		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.29	23.62	23.68	24	0
15	QPSK	1	37	23.30	23.63	23.68		
15	QPSK	1	74	23.29	23.60	23.62		
15	QPSK	36	0	22.36	22.65	22.70	23	1
15	QPSK	36	20	22.37	22.74	22.79		
15	QPSK	36	39	22.40	22.69	22.70		
15	QPSK	75	0	22.33	22.74	22.81		
15	16QAM	1	0	22.45	22.72	22.77	23	1
15	16QAM	1	37	22.39	22.67	22.74		
15	16QAM	1	74	22.38	22.71	22.75		
15	16QAM	36	0	21.31	21.62	21.66	22	2
15	16QAM	36	20	21.30	21.69	21.73		
15	16QAM	36	39	21.38	21.67	21.72		
15	16QAM	75	0	21.34	21.71	21.80		
15	64QAM	1	0	21.12	21.41	21.50	22	2
15	64QAM	1	37	21.12	21.47	21.58		
15	64QAM	1	74	21.14	21.45	21.55		
15	64QAM	36	0	20.36	20.67	20.71	21	3
15	64QAM	36	20	20.39	20.77	20.80		
15	64QAM	36	39	20.37	20.67	20.76		
15	64QAM	75	0	20.37	20.73	20.76		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.28	23.62	23.56	24	0
10	QPSK	1	25	23.24	23.62	23.54		
10	QPSK	1	49	23.29	23.66	23.60		
10	QPSK	25	0	22.36	22.71	22.64	23	1
10	QPSK	25	12	22.38	22.79	22.72		
10	QPSK	25	25	22.42	22.74	22.70		
10	QPSK	50	0	22.36	22.77	22.73		
10	16QAM	1	0	22.48	22.82	22.71	23	1
10	16QAM	1	25	22.44	22.85	22.77		
10	16QAM	1	49	22.41	22.75	22.68		
10	16QAM	25	0	21.35	21.67	21.62	22	2
10	16QAM	25	12	21.37	21.79	21.75		
10	16QAM	25	25	21.43	21.73	21.71		
10	16QAM	50	0	21.39	21.82	21.76		
10	64QAM	1	0	21.21	21.53	21.52	22	2
10	64QAM	1	25	21.22	21.55	21.52		
10	64QAM	1	49	21.24	21.57	21.54		
10	64QAM	25	0	20.32	20.66	20.58	21	3
10	64QAM	25	12	20.36	20.79	20.71		
10	64QAM	25	25	20.39	20.70	20.64		
10	64QAM	50	0	20.33	20.73	20.65		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.20	23.58	23.54	24	0
5	QPSK	1	12	23.31	23.66	23.65		
5	QPSK	1	24	23.18	23.57	23.53		
5	QPSK	12	0	22.30	22.58	22.59	23	1
5	QPSK	12	7	22.35	22.61	22.77		
5	QPSK	12	13	22.32	22.77	22.70		
5	QPSK	25	0	22.27	22.70	22.66		
5	16QAM	1	0	22.25	22.64	22.58	23	1
5	16QAM	1	12	22.39	22.74	22.73		
5	16QAM	1	24	22.31	22.73	22.59		
5	16QAM	12	0	21.29	21.64	21.64	22	2
5	16QAM	12	7	21.37	21.62	21.66		
5	16QAM	12	13	21.40	21.74	21.72		
5	16QAM	25	0	21.31	21.78	21.73		
5	64QAM	1	0	21.08	21.37	21.35	22	2
5	64QAM	1	12	21.13	21.43	21.48		
5	64QAM	1	24	21.00	21.39	21.40		
5	64QAM	12	0	20.28	20.62	20.56	21	3
5	64QAM	12	7	20.35	20.60	20.74		
5	64QAM	12	13	20.33	20.71	20.69		
5	64QAM	25	0	20.26	20.73	20.71		

Band 42_Ant12 DSI4

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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.67	24.69	24.44	25	0
20	QPSK	1	49	24.54	24.49	24.43		
20	QPSK	1	99	24.39	24.43	24.33		
20	QPSK	50	0	23.55	23.58	23.50	24	1
20	QPSK	50	24	23.52	23.55	23.51		
20	QPSK	50	50	23.51	23.55	23.47		
20	QPSK	100	0	23.58	23.59	23.51		
20	16QAM	1	0	23.75	23.64	23.57	24	1
20	16QAM	1	49	23.63	23.61	23.49		
20	16QAM	1	99	23.51	23.45	23.38		
20	16QAM	50	0	22.75	22.58	22.47	23	2
20	16QAM	50	24	22.73	22.59	22.57		
20	16QAM	50	50	22.52	22.56	22.44		
20	16QAM	100	0	22.68	22.55	22.48		
20	64QAM	1	0	22.55	22.32	22.26	23	2
20	64QAM	1	49	22.40	22.31	22.25		
20	64QAM	1	99	22.19	22.26	22.15		
20	64QAM	50	0	21.71	21.53	21.40	22	3
20	64QAM	50	24	21.62	21.50	21.44		
20	64QAM	50	50	21.46	21.51	21.42		
20	64QAM	100	0	21.73	21.54	21.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.61	24.42	24.29	25	0
15	QPSK	1	37	24.50	24.40	24.40		
15	QPSK	1	74	24.39	24.37	24.37		
15	QPSK	36	0	23.70	23.48	23.45	24	1
15	QPSK	36	20	23.64	23.47	23.51		
15	QPSK	36	39	23.44	23.40	23.41		
15	QPSK	75	0	23.63	23.46	23.49		
15	16QAM	1	0	23.68	23.53	23.51	24	1
15	16QAM	1	37	23.57	23.49	23.47		
15	16QAM	1	74	23.50	23.42	23.41		
15	16QAM	36	0	22.62	22.42	22.36	23	2
15	16QAM	36	20	22.59	22.42	22.45		
15	16QAM	36	39	22.44	22.44	22.39		
15	16QAM	75	0	22.66	22.45	22.49		
15	64QAM	1	0	22.49	22.21	22.19	23	2
15	64QAM	1	37	22.41	22.17	22.18		
15	64QAM	1	74	22.19	22.18	22.19		
15	64QAM	36	0	21.65	21.47	21.43	22	3
15	64QAM	36	20	21.67	21.46	21.51		
15	64QAM	36	39	21.46	21.45	21.39		
15	64QAM	75	0	21.64	21.44	21.45		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.57	24.39	24.55	25	0
10	QPSK	1	25	24.52	24.60	24.47		
10	QPSK	1	49	24.48	24.51	24.50		
10	QPSK	25	0	23.70	23.56	23.60	24	1
10	QPSK	25	12	23.68	23.57	23.68		
10	QPSK	25	25	23.53	23.60	23.60		
10	QPSK	50	0	23.67	23.57	23.61		
10	16QAM	1	0	23.78	23.61	23.62	24	1
10	16QAM	1	25	23.74	23.65	23.62		
10	16QAM	1	49	23.58	23.50	23.55		
10	16QAM	25	0	22.67	22.57	22.54	23	2
10	16QAM	25	12	22.71	22.60	22.63		
10	16QAM	25	25	22.54	22.64	22.57		
10	16QAM	50	0	22.69	22.60	22.64		
10	64QAM	1	0	22.08	22.42	22.38	23	2
10	64QAM	1	25	22.05	22.43	22.37		
10	64QAM	1	49	22.02	22.41	22.33		
10	64QAM	25	0	21.71	21.54	21.45	22	3
10	64QAM	25	12	21.45	21.58	21.56		
10	64QAM	25	25	21.65	21.55	21.50		
10	64QAM	50	0	21.79	21.51	21.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.44	24.41	25	0
5	QPSK	1	12	24.59	24.45	24.47		
5	QPSK	1	24	24.48	24.35	24.39		
5	QPSK	12	0	23.72	23.53	23.44	24	1
5	QPSK	12	7	23.75	23.57	23.61		
5	QPSK	12	13	23.62	23.55	23.53		
5	QPSK	25	0	23.66	23.49	23.50		
5	16QAM	1	0	23.64	23.53	23.45	24	1
5	16QAM	1	12	23.68	23.54	23.55		
5	16QAM	1	24	23.65	23.47	23.48		
5	16QAM	12	0	22.70	22.54	22.46	23	2
5	16QAM	12	7	22.72	22.54	22.54		
5	16QAM	12	13	22.59	22.53	22.50		
5	16QAM	25	0	22.71	22.56	22.56		
5	64QAM	1	0	22.37	22.24	22.20	23	2
5	64QAM	1	12	22.44	22.32	22.31		
5	64QAM	1	24	22.30	22.20	22.21		
5	64QAM	12	0	21.67	21.54	21.46	22	3
5	64QAM	12	7	21.74	21.58	21.59		
5	64QAM	12	13	21.54	21.51	21.51		
5	64QAM	25	0	21.65	21.50	21.50		

Band 42_Ant13 DSI4

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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.85	25.19	25.12	25.5	0
20	QPSK	1	49	24.80	25.12	25.17		
20	QPSK	1	99	24.72	25.08	25.11		
20	QPSK	50	0	23.95	24.16	24.15	24.5	1
20	QPSK	50	24	23.92	24.13	24.15		
20	QPSK	50	50	23.77	24.12	24.12		
20	QPSK	100	0	23.92	24.25	24.21		
20	16QAM	1	0	23.95	24.20	24.23	24.5	1
20	16QAM	1	49	23.93	24.22	24.23		
20	16QAM	1	99	23.77	24.17	24.16		
20	16QAM	50	0	22.97	23.19	23.17	23.5	2
20	16QAM	50	24	22.94	23.19	23.25		
20	16QAM	50	50	22.81	23.20	23.22		
20	16QAM	100	0	22.89	23.17	23.23		
20	64QAM	1	0	22.68	22.90	22.94	23.5	2
20	64QAM	1	49	22.61	22.92	22.98		
20	64QAM	1	99	22.53	22.91	22.76		
20	64QAM	50	0	21.88	22.12	22.19	22.5	3
20	64QAM	50	24	21.86	22.14	22.17		
20	64QAM	50	50	21.74	22.17	22.11		
20	64QAM	100	0	21.93	22.19	22.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.83	24.97	25.05	25.5	0
15	QPSK	1	37	24.77	24.97	25.09		
15	QPSK	1	74	24.70	24.96	25.07		
15	QPSK	36	0	23.90	24.04	24.11	24.5	1
15	QPSK	36	20	23.92	24.03	24.21		
15	QPSK	36	39	23.77	24.03	24.12		
15	QPSK	75	0	23.90	24.02	24.20		
15	16QAM	1	0	23.86	24.08	24.20	24.5	1
15	16QAM	1	37	23.86	24.08	24.17		
15	16QAM	1	74	23.79	24.03	24.16		
15	16QAM	36	0	22.88	23.00	23.07	23.5	2
15	16QAM	36	20	22.85	23.02	23.14		
15	16QAM	36	39	22.72	23.03	23.12		
15	16QAM	75	0	22.89	23.05	23.19		
15	64QAM	1	0	22.65	22.78	22.91	23.5	2
15	64QAM	1	37	22.54	22.79	22.91		
15	64QAM	1	74	22.56	22.83	22.95		
15	64QAM	36	0	21.90	22.02	22.12	22.5	3
15	64QAM	36	20	21.91	22.06	22.18		
15	64QAM	36	39	21.75	22.06	22.16		
15	64QAM	75	0	21.90	22.02	22.21		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.94	25.12	25.18	25.5	0
10	QPSK	1	25	24.83	25.10	25.17		
10	QPSK	1	49	24.85	25.12	25.13		
10	QPSK	25	0	24.01	24.21	24.23	24.5	1
10	QPSK	25	12	24.03	24.20	24.30		
10	QPSK	25	25	23.90	24.24	24.28		
10	QPSK	50	0	24.01	24.16	24.30		
10	16QAM	1	0	24.07	24.25	24.32	24.5	1
10	16QAM	1	25	24.00	24.25	24.34		
10	16QAM	1	49	23.92	24.22	24.26		
10	16QAM	25	0	22.99	23.16	23.19	23.5	2
10	16QAM	25	12	23.04	23.22	23.31		
10	16QAM	25	25	22.88	23.23	23.27		
10	16QAM	50	0	23.02	23.19	23.31		
10	64QAM	1	0	22.91	23.04	23.07	23.5	2
10	64QAM	1	25	22.74	23.00	23.08		
10	64QAM	1	49	22.72	22.97	23.16		
10	64QAM	25	0	21.94	22.12	22.15	22.5	3
10	64QAM	25	12	21.98	22.16	22.28		
10	64QAM	25	25	21.81	22.19	22.21		
10	64QAM	50	0	21.94	22.13	22.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.80	25.12	25.12	25.5	0
5	QPSK	1	12	24.97	25.03	25.15		
5	QPSK	1	24	24.88	25.16	25.12		
5	QPSK	12	0	24.08	24.18	24.19	24.5	1
5	QPSK	12	7	24.14	24.27	24.33		
5	QPSK	12	13	23.98	24.25	24.28		
5	QPSK	25	0	24.03	24.17	24.22		
5	16QAM	1	0	24.03	24.19	24.14	24.5	1
5	16QAM	1	12	24.07	24.26	24.24		
5	16QAM	1	24	23.95	24.21	24.21		
5	16QAM	12	0	23.08	23.20	23.18	23.5	2
5	16QAM	12	7	23.19	23.28	23.30		
5	16QAM	12	13	23.01	23.27	23.26		
5	16QAM	25	0	23.12	23.20	23.30		
5	64QAM	1	0	22.68	22.92	22.94	23.5	2
5	64QAM	1	12	22.87	22.96	23.07		
5	64QAM	1	24	22.65	22.89	22.95		
5	64QAM	12	0	22.07	22.14	22.15	22.5	3
5	64QAM	12	7	22.12	22.24	22.32		
5	64QAM	12	13	21.93	22.21	22.22		
5	64QAM	25	0	22.04	22.17	22.23		

Reduced power level for WWAN

		WCDMA II Ant 2 DSI 5				WCDMA IV Ant 2 DSI 3&5			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.55	23.50	24.50	22.31	22.33	22.30	23.50
3GPP Rel 99	RMC 12.2Kbps	23.49	23.57	23.44	24.50	22.33	22.35	22.39	23.50
3GPP Rel 6	HSDPA Subtest-1	22.46	22.58	22.51	23.50	21.48	21.59	21.68	22.50
3GPP Rel 6	HSDPA Subtest-2	22.45	22.46	22.47	23.50	21.44	21.70	21.58	22.50
3GPP Rel 6	HSDPA Subtest-3	21.78	21.96	22.09	23.00	21.01	21.16	21.05	22.00
3GPP Rel 6	HSDPA Subtest-4	21.99	22.08	22.18	23.00	20.92	21.14	21.20	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.42	22.54	22.59	23.50	21.49	21.61	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.51	22.49	22.44	23.50	21.28	21.75	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.20	22.23	22.00	23.00	21.03	21.24	20.96	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.84	22.14	21.96	23.00	20.96	21.20	21.17	22.00
3GPP Rel 6	HSUPA Subtest-1	22.41	22.73	22.65	23.50	21.69	21.80	21.66	22.50
3GPP Rel 6	HSUPA Subtest-2	20.61	20.70	20.54	21.50	19.57	19.63	19.78	20.50
3GPP Rel 6	HSUPA Subtest-3	21.47	21.62	21.73	22.50	20.50	20.85	20.76	21.50
3GPP Rel 6	HSUPA Subtest-4	20.58	20.76	20.63	21.50	19.68	19.68	19.63	20.50
3GPP Rel 6	HSUPA Subtest-5	22.52	22.77	22.71	23.50	21.59	21.76	21.70	22.50

Band 2_Ant2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.66	20.70	20.52	21.5	0
20	QPSK	1	49	20.49	20.55	20.58		
20	QPSK	1	99	20.33	20.53	20.61		
20	QPSK	50	0	20.44	20.66	20.62	21.5	0
20	QPSK	50	24	20.57	20.55	20.51		
20	QPSK	50	50	20.53	20.54	20.65		
20	QPSK	100	0	20.54	20.55	20.53		
20	16QAM	1	0	20.52	20.33	20.50	21.5	0
20	16QAM	1	49	20.53	20.52	20.52		
20	16QAM	1	99	20.53	20.65	20.60		
20	16QAM	50	0	20.43	20.18	20.25	21.5	0
20	16QAM	50	24	20.40	20.22	20.22		
20	16QAM	50	50	20.43	20.35	20.36		
20	16QAM	100	0	20.33	20.25	20.27		
20	64QAM	1	0	20.27	20.27	20.22	21.5	0
20	64QAM	1	49	20.38	20.39	20.43		
20	64QAM	1	99	20.37	20.22	20.37		
20	64QAM	50	0	20.25	20.39	20.38	21.5	0
20	64QAM	50	24	20.43	20.07	20.40		
20	64QAM	50	50	20.24	20.28	20.25		
20	64QAM	100	0	20.44	20.46	20.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.43	20.42	20.32	21.5	0
15	QPSK	1	37	20.36	20.32	20.39		
15	QPSK	1	74	20.21	20.28	20.37		
15	QPSK	36	0	20.13	20.38	20.31	21.5	0
15	QPSK	36	20	20.39	20.40	20.24		
15	QPSK	36	39	20.33	20.35	20.52		
15	QPSK	75	0	20.39	20.33	20.35		
15	16QAM	1	0	20.36	20.07	20.40	21.5	0
15	16QAM	1	37	20.36	20.41	20.34		
15	16QAM	1	74	20.26	20.57	20.47		
15	16QAM	36	0	20.28	19.94	20.11	21.5	0
15	16QAM	36	20	20.16	20.04	20.06		
15	16QAM	36	39	20.12	20.12	20.16		
15	16QAM	75	0	20.06	20.16	19.98		
15	64QAM	1	0	20.05	20.15	20.08	21.5	0
15	64QAM	1	37	20.10	20.07	20.30		
15	64QAM	1	74	20.16	19.99	20.09		
15	64QAM	36	0	19.97	20.27	20.13	21.5	0
15	64QAM	36	20	20.33	19.85	20.26		
15	64QAM	36	39	20.02	20.01	19.95		
15	64QAM	75	0	20.28	20.29	20.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.52	20.45	20.24	21.5	0
10	QPSK	1	25	20.39	20.34	20.40		
10	QPSK	1	49	20.17	20.23	20.31		
10	QPSK	25	0	20.34	20.42	20.49	21.5	0
10	QPSK	25	12	20.42	20.35	20.32		
10	QPSK	25	25	20.37	20.32	20.52		
10	QPSK	50	0	20.38	20.38	20.25		
10	16QAM	1	0	20.34	20.09	20.24	21.5	0
10	16QAM	1	25	20.40	20.29	20.28		
10	16QAM	1	49	20.40	20.49	20.30		
10	16QAM	25	0	20.34	19.96	20.17	21.5	0
10	16QAM	25	12	20.12	19.92	20.07		
10	16QAM	25	25	20.16	20.15	20.06		
10	16QAM	50	0	20.04	20.02	20.11		
10	64QAM	1	0	20.17	20.14	20.11	21.5	0
10	64QAM	1	25	20.09	20.16	20.13		
10	64QAM	1	49	20.22	20.13	20.26		
10	64QAM	25	0	19.98	20.16	20.06	21.5	0
10	64QAM	25	12	20.11	19.84	20.17		
10	64QAM	25	25	20.16	20.18	20.03		
10	64QAM	50	0	20.29	20.22	20.18		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.35	20.55	20.27	21.5	0
5	QPSK	1	12	20.41	20.4	20.36		
5	QPSK	1	24	20.24	20.32	20.31		
5	QPSK	12	0	20.24	20.37	20.43	21.5	0
5	QPSK	12	7	20.42	20.44	20.35		
5	QPSK	12	13	20.3	20.39	20.57		
5	QPSK	25	0	20.43	20.38	20.37		
5	16QAM	1	0	20.33	20.1	20.29	21.5	0
5	16QAM	1	12	20.27	20.29	20.28		
5	16QAM	1	24	20.44	20.53	20.31		
5	16QAM	12	0	20.19	19.95	20.08	21.5	0
5	16QAM	12	7	20.21	20.1	19.97		
5	16QAM	12	13	20.34	20.07	20.2		
5	16QAM	25	0	20.07	20.15	20.19		
5	64QAM	1	0	20.15	20.13	20.06	21.5	0
5	64QAM	1	12	20.08	20.11	20.27		
5	64QAM	1	24	20.14	20.04	20.18		
5	64QAM	12	0	20.16	20.29	20.23	21.5	0
5	64QAM	12	7	20.22	19.79	20.19		
5	64QAM	12	13	20.07	20.06	20		
5	64QAM	25	0	20.34	20.24	20.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.57	20.56	20.28	21.5	0
3	QPSK	1	8	20.29	20.30	20.43		
3	QPSK	1	14	20.08	20.42	20.50		
3	QPSK	8	0	20.22	20.56	20.51	21.5	0
3	QPSK	8	4	20.38	20.26	20.41		
3	QPSK	8	7	20.41	20.41	20.43		
3	QPSK	15	0	20.45	20.30	20.34		
3	16QAM	1	0	20.40	20.22	20.41	21.5	0
3	16QAM	1	8	20.35	20.22	20.24		
3	16QAM	1	14	20.27	20.34	20.50		
3	16QAM	8	0	20.12	20.09	19.99	21.5	0
3	16QAM	8	4	20.20	20.04	20.13		
3	16QAM	8	7	20.30	20.16	20.26		
3	16QAM	15	0	20.22	20.03	20.10		
3	64QAM	1	0	20.14	20.01	20.00	21.5	0
3	64QAM	1	8	20.16	20.09	20.17		
3	64QAM	1	14	20.26	20.13	20.28		
3	64QAM	8	0	20.12	20.12	20.16	21.5	0
3	64QAM	8	4	20.28	19.96	20.10		
3	64QAM	8	7	20.14	20.06	20.15		
3	64QAM	15	0	20.27	20.23	20.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.39	20.55	20.41	21.5	0
1.4	QPSK	1	3	20.30	20.24	20.37		
1.4	QPSK	1	5	20.11	20.32	20.48		
1.4	QPSK	3	0	20.25	20.55	20.44		
1.4	QPSK	3	1	20.47	20.29	20.32		
1.4	QPSK	3	3	20.37	20.38	20.34		
1.4	QPSK	6	0	20.39	20.43	20.43	21.5	0
1.4	16QAM	1	0	20.39	20.25	20.37	21.5	0
1.4	16QAM	1	3	20.30	20.30	20.28		
1.4	16QAM	1	5	20.38	20.49	20.46		
1.4	16QAM	3	0	20.31	20.04	19.93		
1.4	16QAM	3	1	20.24	20.08	20.14		
1.4	16QAM	3	3	20.28	20.08	20.25		
1.4	16QAM	6	0	20.16	20.09	20.05	21.5	0
1.4	64QAM	1	0	20.11	20.05	20.07	21.5	0
1.4	64QAM	1	3	20.24	20.08	20.17		
1.4	64QAM	1	5	20.07	20.03	20.17		
1.4	64QAM	3	0	19.99	20.19	20.09		
1.4	64QAM	3	1	20.18	19.88	20.25		
1.4	64QAM	3	3	20.00	20.11	20.11		
1.4	64QAM	6	0	20.17	20.25	20.17	21.5	0

Band 2_Ant2 DSI1&3&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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.15	24.27	24.19	25	0
20	QPSK	1	49	24.10	23.91	24.14		
20	QPSK	1	99	23.97	23.77	24.15		
20	QPSK	50	0	23.23	23.40	23.33	24.5	0.5
20	QPSK	50	24	23.16	23.34	23.31		
20	QPSK	50	50	23.33	23.30	23.09		
20	QPSK	100	0	23.17	23.37	23.26		
20	16QAM	1	0	23.28	23.19	23.27	24.5	0.5
20	16QAM	1	49	22.99	23.04	23.04		
20	16QAM	1	99	23.14	23.43	23.24		
20	16QAM	50	0	22.03	22.03	22.20	23.5	1.5
20	16QAM	50	24	22.12	22.03	22.19		
20	16QAM	50	50	22.02	22.05	22.26		
20	16QAM	100	0	21.89	22.04	22.35		
20	64QAM	1	0	21.78	22.03	21.83	23.5	1.5
20	64QAM	1	49	22.03	21.91	22.01		
20	64QAM	1	99	22.19	21.93	22.17		
20	64QAM	50	0	21.10	21.04	21.46	22.5	2.5
20	64QAM	50	24	21.17	21.29	21.37		
20	64QAM	50	50	21.22	21.38	21.40		
20	64QAM	100	0	21.20	21.28	21.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.88	23.96	23.88	25	0
15	QPSK	1	37	23.88	23.79	23.89		
15	QPSK	1	74	23.78	23.55	24.00		
15	QPSK	36	0	23.14	23.25	23.06	24.5	0.5
15	QPSK	36	20	23.05	23.21	23.14		
15	QPSK	36	39	23.22	23.03	22.84		
15	QPSK	75	0	23.07	23.20	23.07		
15	16QAM	1	0	23.03	22.95	23.11	24.5	0.5
15	16QAM	1	37	22.84	22.84	22.95		
15	16QAM	1	74	22.90	23.28	22.99		
15	16QAM	36	0	21.80	21.73	21.90	23.5	1.5
15	16QAM	36	20	21.89	21.82	22.01		
15	16QAM	36	39	21.79	21.85	22.09		
15	16QAM	75	0	21.78	21.91	22.21		
15	64QAM	1	0	21.51	21.76	21.59	23.5	1.5
15	64QAM	1	37	21.79	21.78	21.82		
15	64QAM	1	74	21.98	21.85	21.92		
15	64QAM	36	0	20.79	20.91	21.23	22.5	2.5
15	64QAM	36	20	20.85	21.07	21.06		
15	64QAM	36	39	21.06	21.17	21.11		
15	64QAM	75	0	20.90	21.06	21.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	23.99	23.91	25	0
10	QPSK	1	25	23.92	23.65	23.99		
10	QPSK	1	49	23.85	23.60	23.93		
10	QPSK	25	0	22.99	23.14	23.02	24.5	0.5
10	QPSK	25	12	23.01	23.03	23.06		
10	QPSK	25	25	23.24	23.09	22.82		
10	QPSK	50	0	22.97	23.24	23.06		
10	16QAM	1	0	23.20	23.00	22.98	24.5	0.5
10	16QAM	1	25	22.78	22.77	22.95		
10	16QAM	1	49	23.01	23.15	22.94		
10	16QAM	25	0	21.86	21.88	21.99	23.5	1.5
10	16QAM	25	12	22.04	21.79	21.94		
10	16QAM	25	25	21.81	21.82	21.98		
10	16QAM	50	0	21.80	21.80	22.11		
10	64QAM	1	0	21.58	21.95	21.65	23.5	1.5
10	64QAM	1	25	21.74	21.79	21.83		
10	64QAM	1	49	21.97	21.82	21.98		
10	64QAM	25	0	20.87	20.84	21.23	22.5	2.5
10	64QAM	25	12	21.05	20.99	21.21		
10	64QAM	25	25	20.95	21.28	21.20		
10	64QAM	50	0	20.97	21.11	21.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.98	24.05	24.02	25	0
5	QPSK	1	12	23.89	23.8	23.87		
5	QPSK	1	24	23.85	23.65	24		
5	QPSK	12	0	23.06	23.13	23.02	24.5	0.5
5	QPSK	12	7	22.91	23.11	23.11		
5	QPSK	12	13	23.06	23.14	22.9		
5	QPSK	25	0	22.98	23.12	23.02		
5	16QAM	1	0	23.06	22.9	23.13	24.5	0.5
5	16QAM	1	12	22.88	22.78	22.95		
5	16QAM	1	24	23.01	23.25	23.03		
5	16QAM	12	0	21.78	21.8	22.08	23.5	1.5
5	16QAM	12	7	21.97	21.76	22.04		
5	16QAM	12	13	21.89	21.75	22		
5	16QAM	25	0	21.71	21.88	22.08		
5	64QAM	1	0	21.62	21.93	21.74	23.5	1.5
5	64QAM	1	12	21.91	21.65	21.87		
5	64QAM	1	24	22.03	21.64	22.08		
5	64QAM	12	0	20.99	20.92	21.31	22.5	2.5
5	64QAM	12	7	21.05	21.19	21.09		
5	64QAM	12	13	21.13	21.26	21.17		
5	64QAM	25	0	21.09	21.10	21.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.96	24.12	23.96	25	0
3	QPSK	1	8	23.98	23.64	24.02		
3	QPSK	1	14	23.67	23.63	23.91		
3	QPSK	8	0	23.08	23.09	23.06	24.5	0.5
3	QPSK	8	4	22.95	23.14	23.22		
3	QPSK	8	7	23.04	23.20	22.84		
3	QPSK	15	0	23.05	23.18	22.94		
3	16QAM	1	0	23.04	22.97	22.98	24.5	0.5
3	16QAM	1	8	22.81	22.74	22.79		
3	16QAM	1	14	22.96	23.17	23.02		
3	16QAM	8	0	21.84	21.79	22.10	23.5	1.5
3	16QAM	8	4	21.97	21.89	22.03		
3	16QAM	8	7	21.79	21.80	22.10		
3	16QAM	15	0	22.32	21.88	22.26		
3	64QAM	1	0	21.64	21.87	21.72	23.5	1.5
3	64QAM	1	8	21.81	21.78	21.90		
3	64QAM	1	14	21.87	21.67	21.98		
3	64QAM	8	0	21.00	20.82	21.19	22.5	2.5
3	64QAM	8	4	20.97	21.02	21.18		
3	64QAM	8	7	20.99	21.07	21.18		
3	64QAM	15	0	20.96	21.07	21.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.68	23.80	23.68	25	0
1.4	QPSK	1	3	23.84	23.38	23.86		
1.4	QPSK	1	5	23.36	23.38	23.75		
1.4	QPSK	3	0	22.89	22.86	22.97		
1.4	QPSK	3	1	22.83	22.92	23.05		
1.4	QPSK	3	3	22.77	22.99	22.57		
1.4	QPSK	6	0	22.97	22.90	22.80	24.5	0.5
1.4	16QAM	1	0	22.95	22.67	22.71	24.5	0.5
1.4	16QAM	1	3	22.66	22.54	22.62		
1.4	16QAM	1	5	22.69	22.96	22.86		
1.4	16QAM	3	0	21.56	21.61	21.88		
1.4	16QAM	3	1	21.80	21.67	21.72		
1.4	16QAM	3	3	21.50	21.69	21.89		
1.4	16QAM	6	0	21.58	21.55	21.96	23.5	1.5
1.4	64QAM	1	0	21.60	21.70	21.68	23.5	1.5
1.4	64QAM	1	3	21.72	21.65	21.76		
1.4	64QAM	1	5	21.77	21.79	21.77		
1.4	64QAM	3	0	20.90	20.65	21.11		
1.4	64QAM	3	1	20.70	20.71	21.05		
1.4	64QAM	3	3	20.89	20.90	20.99		
1.4	64QAM	6	0	20.69	20.95	20.76	22.5	2.5

Band 4 Ant2_DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.67	22.71	22.65	23.5	0
20	QPSK	1	49	22.65	22.65	22.68		
20	QPSK	1	99	22.67	22.62	22.65		
20	QPSK	50	0	22.55	22.57	22.51	23.5	0
20	QPSK	50	24	22.54	22.52	22.55		
20	QPSK	50	50	22.50	22.54	22.56		
20	QPSK	100	0	22.51	22.62	22.56		
20	16QAM	1	0	22.52	22.55	22.53	23.5	0
20	16QAM	1	49	22.54	22.61	22.51		
20	16QAM	1	99	22.61	22.62	22.57		
20	16QAM	50	0	22.54	22.63	22.44	23.5	0
20	16QAM	50	24	22.43	22.43	22.54		
20	16QAM	50	50	22.47	22.48	22.46		
20	16QAM	100	0	22.65	22.66	22.54		
20	64QAM	1	0	22.57	22.46	22.36	23.5	0
20	64QAM	1	49	22.48	22.49	22.46		
20	64QAM	1	99	22.53	22.59	22.52		
20	64QAM	50	0	21.64	21.48	21.35	22.5	1
20	64QAM	50	24	21.67	21.57	21.46		
20	64QAM	50	50	21.53	21.60	21.37		
20	64QAM	100	0	21.54	21.53	21.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.44	22.59	22.36	23.5	0
15	QPSK	1	37	22.54	22.42	22.37		
15	QPSK	1	74	22.58	22.43	22.45		
15	QPSK	36	0	22.43	22.38	22.34	23.5	0
15	QPSK	36	20	22.26	22.21	22.33		
15	QPSK	36	39	22.35	22.41	22.44		
15	QPSK	75	0	22.30	22.37	22.46		
15	16QAM	1	0	22.42	22.46	22.39	23.5	0
15	16QAM	1	37	22.40	22.37	22.34		
15	16QAM	1	74	22.40	22.45	22.30		
15	16QAM	36	0	22.34	22.46	22.14	23.5	0
15	16QAM	36	20	22.27	22.17	22.33		
15	16QAM	36	39	22.29	22.21	22.38		
15	16QAM	75	0	22.47	22.48	22.30		
15	64QAM	1	0	22.38	22.25	22.08	23.5	0
15	64QAM	1	37	22.28	22.27	22.24		
15	64QAM	1	74	22.34	22.31	22.33		
15	64QAM	36	0	21.44	21.35	21.12	22.5	1
15	64QAM	36	20	21.58	21.39	21.35		
15	64QAM	36	39	21.28	21.30	21.14		
15	64QAM	75	0	21.41	21.45	21.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.38	22.47	22.55	23.5	0
10	QPSK	1	25	22.41	22.37	22.58		
10	QPSK	1	49	22.50	22.48	22.34		
10	QPSK	25	0	22.24	22.34	22.36	23.5	0
10	QPSK	25	12	22.42	22.36	22.30		
10	QPSK	25	25	22.24	22.37	22.32		
10	QPSK	50	0	22.41	22.52	22.45		
10	16QAM	1	0	22.32	22.26	22.34	23.5	0
10	16QAM	1	25	22.43	22.43	22.26		
10	16QAM	1	49	22.41	22.41	22.39		
10	16QAM	25	0	22.26	22.55	22.26	23.5	0
10	16QAM	25	12	22.18	22.31	22.31		
10	16QAM	25	25	22.22	22.22	22.34		
10	16QAM	50	0	22.51	22.42	22.28		
10	64QAM	1	0	22.37	22.22	22.10	23.5	0
10	64QAM	1	25	22.34	22.20	22.35		
10	64QAM	1	49	22.40	22.40	22.44		
10	64QAM	25	0	21.37	21.21	21.15	22.5	1
10	64QAM	25	12	21.51	21.32	21.36		
10	64QAM	25	25	21.24	21.38	21.16		
10	64QAM	50	0	21.24	21.24	21.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.53	22.58	22.50	23.5	0
5	QPSK	1	12	22.50	22.39	22.39		
5	QPSK	1	24	22.48	22.32	22.36		
5	QPSK	12	0	22.43	22.46	22.24	23.5	0
5	QPSK	12	7	22.43	22.32	22.30		
5	QPSK	12	13	22.20	22.29	22.46		
5	QPSK	25	0	22.23	22.32	22.40		
5	16QAM	1	0	22.28	22.43	22.22	23.5	0
5	16QAM	1	12	22.24	22.37	22.40		
5	16QAM	1	24	22.53	22.36	22.45		
5	16QAM	12	0	22.34	22.43	22.35	23.5	0
5	16QAM	12	7	22.12	22.24	22.30		
5	16QAM	12	13	22.26	22.24	22.15		
5	16QAM	25	0	22.43	22.56	22.34		
5	64QAM	1	0	22.28	22.33	22.25	23.5	0
5	64QAM	1	12	22.33	22.20	22.14		
5	64QAM	1	24	22.38	22.37	22.42		
5	64QAM	12	0	21.47	21.31	21.23	22.5	1
5	64QAM	12	7	21.49	21.47	21.30		
5	64QAM	12	13	21.33	21.29	21.19		
5	64QAM	25	0	21.39	21.27	21.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.43	22.54	22.41	23.5	0
3	QPSK	1	8	22.40	22.50	22.49		
3	QPSK	1	14	22.45	22.33	22.38		
3	QPSK	8	0	22.35	22.40	22.38	23.5	0
3	QPSK	8	4	22.29	22.25	22.39		
3	QPSK	8	7	22.31	22.45	22.42		
3	QPSK	15	0	22.38	22.50	22.41		
3	16QAM	1	0	22.34	22.24	22.36	23.5	0
3	16QAM	1	8	22.41	22.44	22.34		
3	16QAM	1	14	22.45	22.50	22.39		
3	16QAM	8	0	22.35	22.55	22.29	23.5	0
3	16QAM	8	4	22.25	22.20	22.31		
3	16QAM	8	7	22.23	22.33	22.26		
3	16QAM	15	0	22.34	22.35	22.24		
3	64QAM	1	0	22.37	22.37	22.17	23.5	0
3	64QAM	1	8	22.36	22.26	22.37		
3	64QAM	1	14	22.41	22.50	22.32		
3	64QAM	8	0	21.32	21.38	21.20	22.5	1
3	64QAM	8	4	21.56	21.42	21.26		
3	64QAM	8	7	21.21	21.40	21.22		
3	64QAM	15	0	21.27	21.27	21.38		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.36	22.54	22.44	23.5	0
1.4	QPSK	1	3	22.44	22.52	22.60		
1.4	QPSK	1	5	22.55	22.45	22.55		
1.4	QPSK	3	0	22.28	22.30	22.34		
1.4	QPSK	3	1	22.31	22.34	22.39		
1.4	QPSK	3	3	22.39	22.30	22.42		
1.4	QPSK	6	0	22.20	22.38	22.39	23.5	0
1.4	16QAM	1	0	22.35	22.40	22.34	23.5	0
1.4	16QAM	1	3	22.22	22.51	22.38		
1.4	16QAM	1	5	22.34	22.32	22.42		
1.4	16QAM	3	0	22.23	22.53	22.17		
1.4	16QAM	3	1	22.24	22.31	22.27		
1.4	16QAM	3	3	22.36	22.35	22.23		
1.4	16QAM	6	0	22.42	22.48	22.44	23.5	0
1.4	64QAM	1	0	22.31	22.25	22.18	23.5	0
1.4	64QAM	1	3	22.27	22.26	22.29		
1.4	64QAM	1	5	22.42	22.50	22.21		
1.4	64QAM	3	0	21.55	21.25	21.26		
1.4	64QAM	3	1	21.49	21.47	21.20		
1.4	64QAM	3	3	21.22	21.32	21.19		
1.4	64QAM	6	0	21.44	21.42	21.53	22.5	1

Band 4 Ant2_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.59	23.66	23.61	24.5	0
20	QPSK	1	49	23.58	23.57	23.59		
20	QPSK	1	99	23.50	23.57	23.60		
20	QPSK	50	0	23.57	23.59	23.56	24.5	0
20	QPSK	50	24	23.57	23.55	23.52		
20	QPSK	50	50	23.47	23.54	23.46		
20	QPSK	100	0	23.56	23.57	23.55		
20	16QAM	1	0	23.51	23.52	23.57	24.5	0
20	16QAM	1	49	23.46	23.56	23.51		
20	16QAM	1	99	23.37	23.56	23.50		
20	16QAM	50	0	22.41	22.44	22.41	23.5	1
20	16QAM	50	24	22.45	22.39	22.46		
20	16QAM	50	50	22.36	22.33	22.37		
20	16QAM	100	0	22.39	22.33	22.44		
20	64QAM	1	0	22.16	22.47	22.35	23.5	1
20	64QAM	1	49	22.50	22.58	22.44		
20	64QAM	1	99	22.36	22.44	22.29		
20	64QAM	50	0	21.50	21.54	21.52	22.5	2
20	64QAM	50	24	21.54	21.47	21.54		
20	64QAM	50	50	21.44	21.46	21.44		
20	64QAM	100	0	21.52	21.47	21.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.52	23.51	23.53	24.5	0
15	QPSK	1	37	23.40	23.46	23.37		
15	QPSK	1	74	23.32	23.39	23.31		
15	QPSK	36	0	23.54	23.56	23.52	24.5	0
15	QPSK	36	20	23.57	23.48	23.53		
15	QPSK	36	39	23.51	23.53	23.48		
15	QPSK	75	0	23.56	23.54	23.52		
15	16QAM	1	0	23.45	23.54	23.43	24.5	0
15	16QAM	1	37	23.43	23.32	23.39		
15	16QAM	1	74	23.44	23.46	23.45		
15	16QAM	36	0	22.51	22.51	22.48	23.5	1
15	16QAM	36	20	22.50	22.46	22.49		
15	16QAM	36	39	22.43	22.47	22.45		
15	16QAM	75	0	22.50	22.46	22.48		
15	64QAM	1	0	22.22	22.58	22.17	23.5	1
15	64QAM	1	37	22.41	22.56	22.39		
15	64QAM	1	74	22.48	22.49	22.47		
15	64QAM	36	0	21.21	21.21	21.19	22.5	2
15	64QAM	36	20	21.23	21.17	21.19		
15	64QAM	36	39	21.17	21.19	21.13		
15	64QAM	75	0	21.22	21.15	21.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.61	23.58	23.58	24.5	0
10	QPSK	1	25	23.54	23.52	23.48		
10	QPSK	1	49	23.52	23.38	23.44		
10	QPSK	25	0	23.56	23.58	23.52	24.5	0
10	QPSK	25	12	23.59	23.61	23.62		
10	QPSK	25	25	23.56	23.56	23.54		
10	QPSK	50	0	23.51	23.55	23.49		
10	16QAM	1	0	23.48	23.49	23.49	24.5	0
10	16QAM	1	25	23.49	23.50	23.42		
10	16QAM	1	49	23.28	23.54	23.43		
10	16QAM	25	0	22.45	22.49	22.44	23.5	1
10	16QAM	25	12	22.58	22.54	22.58		
10	16QAM	25	25	22.61	22.55	22.53		
10	16QAM	50	0	22.61	22.51	22.55		
10	64QAM	1	0	22.42	22.49	22.40	23.5	1
10	64QAM	1	25	22.50	22.48	22.49		
10	64QAM	1	49	22.56	22.35	22.54		
10	64QAM	25	0	21.48	21.46	21.47	22.5	2
10	64QAM	25	12	21.61	21.55	21.58		
10	64QAM	25	25	21.56	21.53	21.54		
10	64QAM	50	0	21.56	21.51	21.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.46	23.51	23.46	24.5	0
5	QPSK	1	12	23.49	23.51	23.45		
5	QPSK	1	24	23.50	23.49	23.47		
5	QPSK	12	0	23.65	23.56	23.53	24.5	0
5	QPSK	12	7	23.57	23.57	23.62		
5	QPSK	12	13	23.65	23.65	23.60		
5	QPSK	25	0	23.55	23.54	23.49		
5	16QAM	1	0	23.42	23.53	23.39	24.5	0
5	16QAM	1	12	23.51	23.57	23.50		
5	16QAM	1	24	23.51	23.58	23.49		
5	16QAM	12	0	22.52	22.56	22.53	23.5	1
5	16QAM	12	7	22.61	22.53	22.48		
5	16QAM	12	13	22.54	22.60	22.50		
5	16QAM	25	0	22.52	22.51	22.43		
5	64QAM	1	0	22.55	22.52	22.56	23.5	1
5	64QAM	1	12	22.51	22.56	22.81		
5	64QAM	1	24	22.51	22.59	22.64		
5	64QAM	12	0	21.48	21.46	21.42	22.5	2
5	64QAM	12	7	21.59	21.50	21.46		
5	64QAM	12	13	21.53	21.58	21.52		
5	64QAM	25	0	21.53	21.47	21.42		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.47	23.59	23.44	24.5	0
3	QPSK	1	8	23.52	23.58	23.48		
3	QPSK	1	14	23.48	23.52	23.48		
3	QPSK	8	0	23.54	23.53	23.46	24.5	0
3	QPSK	8	4	23.63	23.52	23.46		
3	QPSK	8	7	23.55	23.63	23.55		
3	QPSK	15	0	23.60	23.51	23.46		
3	16QAM	1	0	23.31	23.32	23.28	24.5	0
3	16QAM	1	8	23.44	23.49	23.46		
3	16QAM	1	14	23.37	23.43	23.38		
3	16QAM	8	0	22.32	22.44	22.35	23.5	1
3	16QAM	8	4	22.47	22.51	22.50		
3	16QAM	8	7	22.56	22.57	22.50		
3	16QAM	15	0	22.46	22.50	22.42		
3	64QAM	1	0	22.48	22.43	22.49	23.5	1
3	64QAM	1	8	22.54	22.53	22.60		
3	64QAM	1	14	22.52	22.54	22.51		
3	64QAM	8	0	21.45	21.43	21.34	22.5	2
3	64QAM	8	4	21.49	21.42	21.35		
3	64QAM	8	7	21.44	21.51	21.44		
3	64QAM	15	0	21.44	21.41	21.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.51	23.59	23.46	24.5	0
1.4	QPSK	1	3	23.50	23.56	23.48		
1.4	QPSK	1	5	23.46	23.52	23.45		
1.4	QPSK	3	0	23.37	23.39	23.34		
1.4	QPSK	3	1	23.50	23.54	23.55		
1.4	QPSK	3	3	23.46	23.46	23.36		
1.4	QPSK	6	0	23.24	23.51	23.53	24.5	0
1.4	16QAM	1	0	23.52	23.55	23.54	24.5	0
1.4	16QAM	1	3	23.57	23.54	23.56		
1.4	16QAM	1	5	23.49	23.56	23.52		
1.4	16QAM	3	0	23.39	23.35	23.50		
1.4	16QAM	3	1	23.48	23.47	23.49		
1.4	16QAM	3	3	23.37	23.43	23.38		
1.4	16QAM	6	0	22.43	22.49	22.47	23.5	1
1.4	64QAM	1	0	22.24	22.38	22.32	23.5	1
1.4	64QAM	1	3	22.34	22.46	22.29		
1.4	64QAM	1	5	22.23	22.31	22.31		
1.4	64QAM	3	0	22.26	22.22	22.28		
1.4	64QAM	3	1	22.36	22.33	22.27		
1.4	64QAM	3	3	22.20	22.28	22.29		
1.4	64QAM	6	0	21.18	21.15	21.17	22.5	2

Band 4 Ant2_DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.09	20.25	20.08	21	0
20	QPSK	1	49	20.12	20.08	20.05		
20	QPSK	1	99	20.11	20.01	20.10		
20	QPSK	50	0	20.12	20.20	20.01	21	0
20	QPSK	50	24	20.09	19.96	20.11		
20	QPSK	50	50	19.95	20.04	20.09		
20	QPSK	100	0	20.07	20.13	19.96		
20	16QAM	1	0	20.13	20.09	19.94	21	0
20	16QAM	1	49	19.99	20.02	19.97		
20	16QAM	1	99	20.04	20.15	19.96		
20	16QAM	50	0	20.14	20.04	19.93	21	0
20	16QAM	50	24	20.16	20.07	19.98		
20	16QAM	50	50	19.95	20.15	20.10		
20	16QAM	100	0	20.15	20.05	19.99		
20	64QAM	1	0	20.04	20.20	20.11	21	0
20	64QAM	1	49	19.96	20.07	20.17		
20	64QAM	1	99	20.13	20.07	19.91		
20	64QAM	50	0	20.17	20.24	20.17	21	0
20	64QAM	50	24	20.06	20.04	20.02		
20	64QAM	50	50	20.13	20.16	20.14		
20	64QAM	100	0	19.98	20.09	20.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.88	20.03	19.92	21	0
15	QPSK	1	37	19.91	19.90	19.93		
15	QPSK	1	74	19.89	19.87	19.83		
15	QPSK	36	0	19.92	20.06	19.93	21	0
15	QPSK	36	20	19.84	19.77	19.95		
15	QPSK	36	39	19.79	19.90	19.83		
15	QPSK	75	0	19.94	19.92	19.66		
15	16QAM	1	0	20.01	19.89	19.85	21	0
15	16QAM	1	37	19.72	19.70	19.73		
15	16QAM	1	74	19.87	19.94	19.83		
15	16QAM	36	0	20.00	19.83	19.67	21	0
15	16QAM	36	20	19.87	19.82	19.70		
15	16QAM	36	39	19.68	19.96	19.84		
15	16QAM	75	0	20.02	19.73	19.83		
15	64QAM	1	0	19.89	20.05	19.85	21	0
15	64QAM	1	37	19.68	19.77	19.97		
15	64QAM	1	74	19.86	19.85	19.70		
15	64QAM	36	0	20.00	20.09	20.08	21	0
15	64QAM	36	20	19.96	19.84	19.80		
15	64QAM	36	39	19.96	19.84	19.95		
15	64QAM	75	0	19.77	19.91	19.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.84	20.11	19.76	21	0
10	QPSK	1	25	19.81	19.77	19.74		
10	QPSK	1	49	19.79	19.79	19.98		
10	QPSK	25	0	20.00	20.05	19.85	21	0
10	QPSK	25	12	19.95	19.68	19.90		
10	QPSK	25	25	19.69	19.78	19.91		
10	QPSK	50	0	19.79	20.05	19.70		
10	16QAM	1	0	19.87	19.94	19.80	21	0
10	16QAM	1	25	19.88	19.93	19.74		
10	16QAM	1	49	19.79	20.06	19.80		
10	16QAM	25	0	19.84	19.94	19.83	21	0
10	16QAM	25	12	20.07	19.93	19.80		
10	16QAM	25	25	19.69	20.06	19.87		
10	16QAM	50	0	19.84	19.91	19.73		
10	64QAM	1	0	19.95	19.92	20.00	21	0
10	64QAM	1	25	19.70	19.79	19.95		
10	64QAM	1	49	19.85	19.77	19.76		
10	64QAM	25	0	19.97	19.95	19.89	21	0
10	64QAM	25	12	19.86	19.74	19.91		
10	64QAM	25	25	19.83	19.86	19.85		
10	64QAM	50	0	19.69	19.93	20.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.80	19.97	19.88	21	0
5	QPSK	1	12	19.97	19.77	19.77		
5	QPSK	1	24	19.80	19.75	19.90		
5	QPSK	12	0	19.88	20.01	19.89	21	0
5	QPSK	12	7	19.94	19.76	19.79		
5	QPSK	12	13	19.65	19.91	19.94		
5	QPSK	25	0	19.86	19.84	19.70		
5	16QAM	1	0	19.98	19.88	19.86	21	0
5	16QAM	1	12	19.70	19.90	19.78		
5	16QAM	1	24	19.94	20.06	19.70		
5	16QAM	12	0	20.02	19.75	19.64	21	0
5	16QAM	12	7	19.97	19.82	19.69		
5	16QAM	12	13	19.71	19.89	19.89		
5	16QAM	25	0	20.05	19.94	19.70		
5	64QAM	1	0	19.88	20.10	19.92	21	0
5	64QAM	1	12	19.76	19.98	20.06		
5	64QAM	1	24	19.88	19.91	19.74		
5	64QAM	12	0	20.07	19.96	19.88	21	0
5	64QAM	12	7	19.80	19.88	19.74		
5	64QAM	12	13	19.88	19.88	19.92		
5	64QAM	25	0	19.66	19.99	19.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.90	20.16	19.97	21	0
3	QPSK	1	8	19.81	19.98	19.92		
3	QPSK	1	14	19.99	19.91	20.01		
3	QPSK	8	0	19.93	19.89	19.87	21	0
3	QPSK	8	4	19.81	19.66	19.92		
3	QPSK	8	7	19.86	19.90	19.84		
3	QPSK	15	0	19.82	20.02	19.76		
3	16QAM	1	0	19.88	19.99	19.74	21	0
3	16QAM	1	8	19.82	19.92	19.70		
3	16QAM	1	14	19.94	19.86	19.65		
3	16QAM	8	0	19.94	19.88	19.84	21	0
3	16QAM	8	4	20.06	19.83	19.86		
3	16QAM	8	7	19.81	19.88	19.80		
3	16QAM	15	0	19.90	19.82	19.80		
3	64QAM	1	0	19.81	20.06	19.83	21	0
3	64QAM	1	8	19.79	19.88	19.89		
3	64QAM	1	14	19.97	19.90	19.82		
3	64QAM	8	0	19.94	19.98	19.99	21	0
3	64QAM	8	4	19.97	19.93	19.77		
3	64QAM	8	7	19.84	20.00	19.91		
3	64QAM	15	0	19.87	19.96	20.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.78	19.97	19.84	21	0
1.4	QPSK	1	3	19.86	19.96	19.92		
1.4	QPSK	1	5	19.93	19.78	20.02		
1.4	QPSK	3	0	20.02	19.91	19.76		
1.4	QPSK	3	1	19.91	19.77	19.84		
1.4	QPSK	3	3	19.71	19.83	19.91		
1.4	QPSK	6	0	19.87	20.04	19.87	21	0
1.4	16QAM	1	0	20.02	19.79	19.67	21	0
1.4	16QAM	1	3	19.70	19.88	19.73		
1.4	16QAM	1	5	19.88	20.02	19.75		
1.4	16QAM	3	0	19.94	19.77	19.69		
1.4	16QAM	3	1	19.87	19.89	19.75		
1.4	16QAM	3	3	19.79	20.06	19.99		
1.4	16QAM	6	0	19.86	19.76	19.77	21	0
1.4	64QAM	1	0	19.77	20.05	19.88	21	0
1.4	64QAM	1	3	19.87	19.97	19.97		
1.4	64QAM	1	5	19.94	19.84	19.65		
1.4	64QAM	3	0	19.94	20.00	19.99		
1.4	64QAM	3	1	19.91	19.77	19.78		
1.4	64QAM	3	3	19.97	19.93	20.05		
1.4	64QAM	6	0	19.87	19.80	20.05	20	1

Band 7 Ant2_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.32	20.42	20.19	21	0
20	QPSK	1	49	20.11	20.26	20.19		
20	QPSK	1	99	20.18	20.06	20.12		
20	QPSK	50	0	20.27	20.38	20.02	21	0
20	QPSK	50	24	20.30	20.19	20.27		
20	QPSK	50	50	20.16	20.22	20.26		
20	QPSK	100	0	20.23	20.28	20.21		
20	16QAM	1	0	20.32	20.23	20.16	21	0
20	16QAM	1	49	20.10	20.25	20.19		
20	16QAM	1	99	20.11	20.25	20.20		
20	16QAM	50	0	20.21	20.13	20.19	21	0
20	16QAM	50	24	20.13	20.17	20.15		
20	16QAM	50	50	20.29	20.28	20.14		
20	16QAM	100	0	20.13	20.13	20.32		
20	64QAM	1	0	20.25	20.10	20.13	21	0
20	64QAM	1	49	20.25	20.20	20.31		
20	64QAM	1	99	20.27	20.23	20.08		
20	64QAM	50	0	20.15	20.28	20.32	21	0
20	64QAM	50	24	20.18	20.26	20.23		
20	64QAM	50	50	20.19	20.13	20.20		
20	64QAM	100	0	20.08	20.14	20.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.00	20.24	20.07	21	0
15	QPSK	1	37	19.79	20.13	19.94		
15	QPSK	1	74	19.89	19.84	19.91		
15	QPSK	36	0	20.04	20.16	19.74	21	0
15	QPSK	36	20	20.01	20.00	20.16		
15	QPSK	36	39	20.07	19.98	20.09		
15	QPSK	75	0	20.06	20.07	20.08		
15	16QAM	1	0	20.03	19.91	19.87	21	0
15	16QAM	1	37	19.97	20.13	20.08		
15	16QAM	1	74	19.90	20.16	19.97		
15	16QAM	36	0	19.91	20.01	19.91	21	0
15	16QAM	36	20	20.02	19.98	19.95		
15	16QAM	36	39	20.08	20.20	19.88		
15	16QAM	75	0	19.95	19.98	20.01		
15	64QAM	1	0	20.15	19.79	19.93	21	0
15	64QAM	1	37	19.98	19.91	20.11		
15	64QAM	1	74	20.09	19.93	19.89		
15	64QAM	36	0	20.05	20.08	20.08	21	0
15	64QAM	36	20	20.01	20.05	19.94		
15	64QAM	36	39	19.95	19.96	20.02		
15	64QAM	75	0	19.98	19.88	19.98		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.06	20.10	20.06	21	0
10	QPSK	1	25	19.96	20.08	20.07		
10	QPSK	1	49	20.00	19.78	20.03		
10	QPSK	25	0	20.00	20.08	19.81	21	0
10	QPSK	25	12	20.12	20.06	20.04		
10	QPSK	25	25	19.86	19.98	20.10		
10	QPSK	50	0	20.03	19.99	19.92		
10	16QAM	1	0	20.03	19.95	19.91	21	0
10	16QAM	1	25	19.97	20.01	19.93		
10	16QAM	1	49	19.83	20.13	19.90		
10	16QAM	25	0	20.06	19.95	19.91	21	0
10	16QAM	25	12	19.99	19.97	20.02		
10	16QAM	25	25	20.07	20.14	20.03		
10	16QAM	50	0	19.85	20.00	20.08		
10	64QAM	1	0	20.07	19.80	19.98	21	0
10	64QAM	1	25	19.98	20.06	20.17		
10	64QAM	1	49	20.10	20.12	19.99		
10	64QAM	25	0	19.93	19.99	20.24	21	0
10	64QAM	25	12	19.91	19.97	20.07		
10	64QAM	25	25	20.04	19.92	20.09		
10	64QAM	50	0	19.83	19.90	19.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.01	20.27	20.04	21	0
5	QPSK	1	12	19.85	19.97	20.02		
5	QPSK	1	24	19.94	19.84	19.80		
5	QPSK	12	0	20.14	20.17	19.85	21	0
5	QPSK	12	7	20.02	20.03	20.16		
5	QPSK	12	13	19.92	19.95	20.09		
5	QPSK	25	0	20.12	20.02	20.02		
5	16QAM	1	0	20.08	20.07	19.86	21	0
5	16QAM	1	12	19.97	20.10	19.92		
5	16QAM	1	24	19.98	20.09	20.08		
5	16QAM	12	0	19.93	19.86	19.99	21	0
5	16QAM	12	7	19.97	19.89	20.06		
5	16QAM	12	13	20.11	19.97	19.88		
5	16QAM	25	0	20.00	20.03	20.16		
5	64QAM	1	0	19.97	19.79	19.94	21	0
5	64QAM	1	12	20.00	20.09	20.16		
5	64QAM	1	24	20.04	20.03	19.77		
5	64QAM	12	0	20.05	20.09	20.23	21	0
5	64QAM	12	7	20.09	19.94	20.08		
5	64QAM	12	13	20.07	19.84	19.94		
5	64QAM	25	0	19.89	19.86	20.02		

Band 7 Ant2_DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.82	21.89	21.73	22.5	0
20	QPSK	1	49	21.63	21.85	21.80		
20	QPSK	1	99	21.46	21.65	21.65		
20	QPSK	50	0	21.80	21.81	21.52	22.5	0
20	QPSK	50	24	21.67	21.67	21.73		
20	QPSK	50	50	21.67	21.80	21.58		
20	QPSK	100	0	21.65	21.75	21.58		
20	16QAM	1	0	21.71	21.83	21.79	22.5	0
20	16QAM	1	49	21.66	21.81	21.84		
20	16QAM	1	99	21.58	21.83	21.75		
20	16QAM	50	0	21.68	21.72	21.69	22.5	0
20	16QAM	50	24	21.82	21.68	21.67		
20	16QAM	50	50	21.70	21.65	21.67		
20	16QAM	100	0	21.74	21.77	21.65		
20	64QAM	1	0	21.59	21.60	21.69	22.5	0
20	64QAM	1	49	21.66	21.84	21.81		
20	64QAM	1	99	21.78	21.70	21.60		
20	64QAM	50	0	21.60	21.65	21.59	22.5	0
20	64QAM	50	24	21.76	21.81	21.82		
20	64QAM	50	50	21.67	21.83	21.66		
20	64QAM	100	0	21.61	21.68	21.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.73	21.70	21.63	22.5	0
15	QPSK	1	37	21.41	21.76	21.66		
15	QPSK	1	74	21.32	21.45	21.57		
15	QPSK	36	0	21.71	21.56	21.31	22.5	0
15	QPSK	36	20	21.54	21.58	21.62		
15	QPSK	36	39	21.40	21.68	21.50		
15	QPSK	75	0	21.39	21.61	21.40		
15	16QAM	1	0	21.53	21.59	21.67	22.5	0
15	16QAM	1	37	21.38	21.73	21.58		
15	16QAM	1	74	21.32	21.53	21.46		
15	16QAM	36	0	21.49	21.52	21.44	22.5	0
15	16QAM	36	20	21.67	21.58	21.55		
15	16QAM	36	39	21.45	21.51	21.50		
15	16QAM	75	0	21.48	21.62	21.43		
15	64QAM	1	0	21.31	21.41	21.37	22.5	0
15	64QAM	1	37	21.39	21.73	21.65		
15	64QAM	1	74	21.67	21.51	21.44		
15	64QAM	36	0	21.48	21.46	21.39	22.5	0
15	64QAM	36	20	21.57	21.56	21.59		
15	64QAM	36	39	21.58	21.75	21.37		
15	64QAM	75	0	21.45	21.50	21.50		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.69	21.58	21.41	22.5	0
10	QPSK	1	25	21.50	21.59	21.62		
10	QPSK	1	49	21.24	21.57	21.55		
10	QPSK	25	0	21.70	21.50	21.38	22.5	0
10	QPSK	25	12	21.40	21.54	21.54		
10	QPSK	25	25	21.54	21.71	21.29		
10	QPSK	50	0	21.44	21.44	21.48		
10	16QAM	1	0	21.55	21.51	21.69	22.5	0
10	16QAM	1	25	21.43	21.59	21.55		
10	16QAM	1	49	21.29	21.65	21.43		
10	16QAM	25	0	21.58	21.52	21.57	22.5	0
10	16QAM	25	12	21.67	21.47	21.39		
10	16QAM	25	25	21.57	21.51	21.54		
10	16QAM	50	0	21.44	21.60	21.48		
10	64QAM	1	0	21.37	21.28	21.56	22.5	0
10	64QAM	1	25	21.45	21.59	21.60		
10	64QAM	1	49	21.60	21.38	21.31		
10	64QAM	25	0	21.31	21.43	21.30	22.5	0
10	64QAM	25	12	21.62	21.61	21.60		
10	64QAM	25	25	21.42	21.54	21.44		
10	64QAM	50	0	21.39	21.59	21.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.71	21.65	21.57	22.5	0
5	QPSK	1	12	21.42	21.59	21.68		
5	QPSK	1	24	21.23	21.43	21.44		
5	QPSK	12	0	21.52	21.66	21.44	22.5	0
5	QPSK	12	7	21.41	21.57	21.61		
5	QPSK	12	13	21.52	21.66	21.31		
5	QPSK	25	0	21.50	21.60	21.47		
5	16QAM	1	0	21.41	21.54	21.47	22.5	0
5	16QAM	1	12	21.40	21.69	21.68		
5	16QAM	1	24	21.28	21.62	21.47		
5	16QAM	12	0	21.41	21.49	21.51	22.5	0
5	16QAM	12	7	21.52	21.37	21.35		
5	16QAM	12	13	21.47	21.38	21.39		
5	16QAM	25	0	21.61	21.59	21.37		
5	64QAM	1	0	21.37	21.51	21.53	22.5	0
5	64QAM	1	12	21.56	21.59	21.58		
5	64QAM	1	24	21.60	21.46	21.49		
5	64QAM	12	0	21.47	21.41	21.43	22.5	0
5	64QAM	12	7	21.47	21.65	21.69		
5	64QAM	12	13	21.46	21.56	21.58		
5	64QAM	25	0	21.35	21.44	21.62		

Band 66_Ant2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.63	22.74	22.72	23.5	0
20	QPSK	1	49	22.68	22.63	22.62		
20	QPSK	1	99	22.38	22.66	22.41		
20	QPSK	50	0	22.53	22.69	22.51	23.5	0
20	QPSK	50	24	22.52	22.68	22.66		
20	QPSK	50	50	22.59	22.60	22.57		
20	QPSK	100	0	22.55	22.72	22.69		
20	16QAM	1	0	22.62	22.72	22.53	23.5	0
20	16QAM	1	49	22.62	22.56	22.49		
20	16QAM	1	99	22.64	22.60	22.70		
20	16QAM	50	0	22.70	22.62	22.65	23.5	0
20	16QAM	50	24	22.60	22.59	22.64		
20	16QAM	50	50	22.42	22.48	22.43		
20	16QAM	100	0	22.56	22.58	22.61		
20	64QAM	1	0	22.57	22.59	22.70	23.5	0
20	64QAM	1	49	22.63	22.67	22.63		
20	64QAM	1	99	22.55	22.69	22.66		
20	64QAM	50	0	21.66	21.61	21.72	22.5	1
20	64QAM	50	24	21.71	21.49	21.67		
20	64QAM	50	50	21.53	21.43	21.54		
20	64QAM	100	0	21.50	21.68	21.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.32	22.50	22.63	23.5	0
15	QPSK	1	37	22.56	22.48	22.38		
15	QPSK	1	74	22.26	22.35	22.19		
15	QPSK	36	0	22.35	22.60	22.33	23.5	0
15	QPSK	36	20	22.37	22.37	22.50		
15	QPSK	36	39	22.49	22.43	22.45		
15	QPSK	75	0	22.29	22.59	22.52		
15	16QAM	1	0	22.32	22.55	22.41	23.5	0
15	16QAM	1	37	22.47	22.37	22.18		
15	16QAM	1	74	22.52	22.29	22.60		
15	16QAM	36	0	22.42	22.33	22.53	23.5	0
15	16QAM	36	20	22.33	22.41	22.53		
15	16QAM	36	39	22.32	22.17	22.17		
15	16QAM	75	0	22.36	22.34	22.52		
15	64QAM	1	0	22.33	22.51	22.58	23.5	0
15	64QAM	1	37	22.34	22.42	22.39		
15	64QAM	1	74	22.33	22.55	22.46		
15	64QAM	36	0	21.37	21.34	21.50	22.5	1
15	64QAM	36	20	21.48	21.39	21.36		
15	64QAM	36	39	21.44	21.19	21.27		
15	64QAM	75	0	21.34	21.50	21.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.32	22.61	22.43	23.5	0
10	QPSK	1	25	22.52	22.38	22.42		
10	QPSK	1	49	22.22	22.56	22.14		
10	QPSK	25	0	22.28	22.53	22.31	23.5	0
10	QPSK	25	12	22.36	22.43	22.39		
10	QPSK	25	25	22.32	22.34	22.38		
10	QPSK	50	0	22.40	22.52	22.46		
10	16QAM	1	0	22.31	22.42	22.25	23.5	0
10	16QAM	1	25	22.48	22.36	22.30		
10	16QAM	1	49	22.44	22.41	22.40		
10	16QAM	25	0	22.43	22.41	22.57	23.5	0
10	16QAM	25	12	22.35	22.37	22.37		
10	16QAM	25	25	22.12	22.30	22.20		
10	16QAM	50	0	22.42	22.47	22.34		
10	64QAM	1	0	22.29	22.50	22.42	23.5	0
10	64QAM	1	25	22.54	22.55	22.42		
10	64QAM	1	49	22.33	22.48	22.36		
10	64QAM	25	0	21.41	21.39	21.44	22.5	1
10	64QAM	25	12	21.45	21.21	21.38		
10	64QAM	25	25	21.40	21.17	21.41		
10	64QAM	50	0	21.32	21.56	21.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.44	22.44	22.56	23.5	0
5	QPSK	1	12	22.40	22.53	22.38		
5	QPSK	1	24	22.14	22.41	22.29		
5	QPSK	12	0	22.43	22.40	22.27	23.5	0
5	QPSK	12	7	22.40	22.47	22.52		
5	QPSK	12	13	22.31	22.30	22.47		
5	QPSK	25	0	22.24	22.50	22.40		
5	16QAM	1	0	22.37	22.60	22.24	23.5	0
5	16QAM	1	12	22.52	22.46	22.26		
5	16QAM	1	24	22.50	22.35	22.54		
5	16QAM	12	0	22.41	22.32	22.56	23.5	0
5	16QAM	12	7	22.29	22.39	22.41		
5	16QAM	12	13	22.12	22.28	22.21		
5	16QAM	25	0	22.25	22.28	22.30		
5	64QAM	1	0	22.31	22.29	22.61	23.5	0
5	64QAM	1	12	22.31	22.57	22.31		
5	64QAM	1	24	22.42	22.48	22.48		
5	64QAM	12	0	21.47	21.48	21.58	22.5	1
5	64QAM	12	7	21.40	21.27	21.57		
5	64QAM	12	13	21.23	21.28	21.40		
5	64QAM	25	0	21.22	21.59	21.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.40	22.51	22.41	23.5	0
3	QPSK	1	8	22.37	22.39	22.35		
3	QPSK	1	14	22.26	22.52	22.28		
3	QPSK	8	0	22.34	22.43	22.41	23.5	0
3	QPSK	8	4	22.26	22.39	22.45		
3	QPSK	8	7	22.51	22.41	22.30		
3	QPSK	15	0	22.44	22.53	22.58		
3	16QAM	1	0	22.52	22.43	22.41	23.5	0
3	16QAM	1	8	22.53	22.27	22.26		
3	16QAM	1	14	22.52	22.37	22.40		
3	16QAM	8	0	22.60	22.35	22.46	23.5	0
3	16QAM	8	4	22.39	22.50	22.42		
3	16QAM	8	7	22.22	22.38	22.34		
3	16QAM	15	0	22.27	22.42	22.36		
3	64QAM	1	0	22.33	22.49	22.44	23.5	0
3	64QAM	1	8	22.45	22.52	22.37		
3	64QAM	1	14	22.26	22.42	22.58		
3	64QAM	8	0	21.40	21.40	21.59	22.5	1
3	64QAM	8	4	21.57	21.21	21.54		
3	64QAM	8	7	21.26	21.14	21.37		
3	64QAM	15	0	21.20	21.40	21.48		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.43	22.50	22.45	23.5	0
1.4	QPSK	1	3	22.54	22.48	22.31		
1.4	QPSK	1	5	22.13	22.49	22.28		
1.4	QPSK	3	0	22.39	22.57	22.38		
1.4	QPSK	3	1	22.26	22.46	22.46		
1.4	QPSK	3	3	22.36	22.31	22.48		
1.4	QPSK	6	0	22.37	22.60	22.58	23.5	0
1.4	16QAM	1	0	22.49	22.53	22.29	23.5	0
1.4	16QAM	1	3	22.37	22.32	22.28		
1.4	16QAM	1	5	22.32	22.37	22.53		
1.4	16QAM	3	0	22.56	22.49	22.39		
1.4	16QAM	3	1	22.43	22.32	22.34		
1.4	16QAM	3	3	22.22	22.27	22.18		
1.4	16QAM	6	0	22.41	22.30	22.32	23.5	0
1.4	64QAM	1	0	22.48	22.33	22.41	23.5	0
1.4	64QAM	1	3	22.48	22.49	22.50		
1.4	64QAM	1	5	22.37	22.43	22.47		
1.4	64QAM	3	0	21.38	21.32	21.42		
1.4	64QAM	3	1	21.50	21.30	21.54		
1.4	64QAM	3	3	21.26	21.24	21.26		
1.4	64QAM	6	0	21.26	21.60	21.41	22.5	1

Band 66_Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.62	23.67	23.64	24.5	0
20	QPSK	1	49	23.57	23.66	23.58		
20	QPSK	1	99	23.46	23.57	23.48		
20	QPSK	50	0	23.63	23.65	23.60	24.5	0
20	QPSK	50	24	23.55	23.64	23.62		
20	QPSK	50	50	23.63	23.62	23.60		
20	QPSK	100	0	23.52	23.64	23.62		
20	16QAM	1	0	23.56	23.62	23.59	24.5	0
20	16QAM	1	49	23.66	23.60	23.52		
20	16QAM	1	99	23.64	23.56	23.64		
20	16QAM	50	0	22.47	22.48	22.50	23.5	1
20	16QAM	50	24	22.57	22.49	22.48		
20	16QAM	50	50	22.49	22.47	22.48		
20	16QAM	100	0	22.52	22.45	22.44		
20	64QAM	1	0	22.41	22.47	22.40	23.5	1
20	64QAM	1	49	22.72	22.77	22.64		
20	64QAM	1	99	22.42	22.75	22.60		
20	64QAM	50	0	21.45	21.48	21.47	22.5	2
20	64QAM	50	24	21.54	21.47	21.47		
20	64QAM	50	50	21.49	21.49	21.48		
20	64QAM	100	0	21.53	21.44	21.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.63	23.61	23.57	24.5	0
15	QPSK	1	37	23.64	23.61	23.58		
15	QPSK	1	74	23.58	23.59	23.61		
15	QPSK	36	0	23.61	23.58	23.54	24.5	0
15	QPSK	36	20	23.57	23.56	23.52		
15	QPSK	36	39	23.56	23.50	23.45		
15	QPSK	75	0	23.58	23.56	23.52		
15	16QAM	1	0	23.62	23.60	23.66	24.5	0
15	16QAM	1	37	23.56	23.57	23.60		
15	16QAM	1	74	23.63	23.65	23.61		
15	16QAM	36	0	22.55	22.64	22.57	23.5	1
15	16QAM	36	20	22.56	22.57	22.56		
15	16QAM	36	39	22.56	22.52	22.58		
15	16QAM	75	0	22.51	22.53	22.50		
15	64QAM	1	0	22.66	22.51	22.67	23.5	1
15	64QAM	1	37	22.62	22.60	22.58		
15	64QAM	1	74	22.55	22.62	22.66		
15	64QAM	36	0	21.44	21.57	21.45	22.5	2
15	64QAM	36	20	21.54	21.56	21.55		
15	64QAM	36	39	21.47	21.51	21.49		
15	64QAM	75	0	21.47	21.45	21.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.53	23.50	23.53	24.5	0
10	QPSK	1	25	23.54	23.61	23.59		
10	QPSK	1	49	23.54	23.59	23.51		
10	QPSK	25	0	23.58	23.59	23.55	24.5	0
10	QPSK	25	12	23.50	23.50	23.51		
10	QPSK	25	25	23.50	23.56	23.56		
10	QPSK	50	0	23.66	23.51	23.55		
10	16QAM	1	0	23.55	23.59	23.61	24.5	0
10	16QAM	1	25	23.66	23.57	23.56		
10	16QAM	1	49	23.52	23.60	23.53		
10	16QAM	25	0	22.56	22.70	22.62	23.5	1
10	16QAM	25	12	22.53	22.60	22.65		
10	16QAM	25	25	22.50	22.58	22.50		
10	16QAM	50	0	22.58	22.61	22.45		
10	64QAM	1	0	22.68	22.55	22.72	23.5	1
10	64QAM	1	25	22.73	22.59	22.52		
10	64QAM	1	49	22.63	22.68	22.71		
10	64QAM	25	0	21.45	21.52	21.51	22.5	2
10	64QAM	25	12	21.63	21.58	21.58		
10	64QAM	25	25	21.57	21.42	21.54		
10	64QAM	50	0	21.43	21.34	21.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.52	23.60	23.57	24.5	0
5	QPSK	1	12	23.56	23.54	23.52		
5	QPSK	1	24	23.51	23.54	23.25		
5	QPSK	12	0	23.62	23.59	23.50	24.5	0
5	QPSK	12	7	23.51	23.58	23.37		
5	QPSK	12	13	23.58	23.50	23.58		
5	QPSK	25	0	23.58	23.55	23.62		
5	16QAM	1	0	23.59	23.54	23.56	24.5	0
5	16QAM	1	12	23.58	23.53	23.37		
5	16QAM	1	24	23.59	23.37	23.53		
5	16QAM	12	0	22.57	22.59	22.52	23.5	1
5	16QAM	12	7	22.51	22.52	22.54		
5	16QAM	12	13	22.54	22.56	22.53		
5	16QAM	25	0	22.53	22.54	22.56		
5	64QAM	1	0	22.51	22.54	22.53	23.5	1
5	64QAM	1	12	22.57	22.57	22.49		
5	64QAM	1	24	22.25	22.66	22.53		
5	64QAM	12	0	21.57	21.59	21.52	22.5	2
5	64QAM	12	7	21.54	21.54	21.52		
5	64QAM	12	13	21.52	21.51	21.52		
5	64QAM	25	0	21.42	21.48	21.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.52	23.55	23.57	24.5	0
3	QPSK	1	8	23.53	23.58	23.57		
3	QPSK	1	14	23.54	23.59	23.54		
3	QPSK	8	0	23.63	23.56	23.57	24.5	0
3	QPSK	8	4	23.57	23.36	23.35		
3	QPSK	8	7	23.35	23.54	23.53		
3	QPSK	15	0	23.55	23.59	23.50		
3	16QAM	1	0	23.56	23.46	23.49	24.5	0
3	16QAM	1	8	23.59	23.56	23.52		
3	16QAM	1	14	23.56	23.53	23.38		
3	16QAM	8	0	22.54	22.63	22.51	23.5	1
3	16QAM	8	4	22.59	22.48	22.45		
3	16QAM	8	7	22.54	22.49	22.53		
3	16QAM	15	0	22.57	22.59	22.31		
3	64QAM	1	0	22.55	22.58	22.56	23.5	1
3	64QAM	1	8	22.51	22.55	22.41		
3	64QAM	1	14	22.56	22.54	22.51		
3	64QAM	8	0	21.54	21.53	21.48	22.5	2
3	64QAM	8	4	21.47	21.43	21.30		
3	64QAM	8	7	21.47	21.46	21.50		
3	64QAM	15	0	21.34	21.39	21.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.48	23.63	23.66	24.5	0
1.4	QPSK	1	3	23.44	23.55	23.44		
1.4	QPSK	1	5	23.52	23.57	23.64		
1.4	QPSK	3	0	23.51	23.66	23.45		
1.4	QPSK	3	1	23.62	23.49	23.30		
1.4	QPSK	3	3	23.47	23.49	23.54		
1.4	QPSK	6	0	23.48	23.47	23.51	24.5	0
1.4	16QAM	1	0	23.58	23.55	23.62	24.5	0
1.4	16QAM	1	3	23.47	23.48	23.51		
1.4	16QAM	1	5	23.56	23.51	23.27		
1.4	16QAM	3	0	23.58	23.51	23.49		
1.4	16QAM	3	1	23.58	23.57	23.41		
1.4	16QAM	3	3	23.53	23.52	23.47		
1.4	16QAM	6	0	22.56	22.46	22.55	24.5	0
1.4	64QAM	1	0	22.68	22.56	22.52	24.5	0
1.4	64QAM	1	3	22.58	22.64	22.56		
1.4	64QAM	1	5	22.53	22.53	22.68		
1.4	64QAM	3	0	22.59	22.52	22.42		
1.4	64QAM	3	1	22.62	22.78	22.38		
1.4	64QAM	3	3	22.55	22.63	22.32		
1.4	64QAM	6	0	21.34	21.49	21.53	24.5	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.17	20.28	20.16	21	0
20	QPSK	1	49	19.96	20.04	20.04		
20	QPSK	1	99	19.90	20.16	20.01		
20	QPSK	50	0	20.15	20.27	20.07	21	0
20	QPSK	50	24	19.96	20.15	20.09		
20	QPSK	50	50	20.15	20.13	20.02		
20	QPSK	100	0	19.91	20.18	20.05		
20	16QAM	1	0	20.00	20.01	20.05	21	0
20	16QAM	1	49	20.22	19.99	20.06		
20	16QAM	1	99	20.18	19.99	20.03		
20	16QAM	50	0	20.07	20.17	20.13	21	0
20	16QAM	50	24	19.98	20.19	20.01		
20	16QAM	50	50	19.95	20.02	20.03		
20	16QAM	100	0	20.08	20.03	20.14		
20	64QAM	1	0	20.03	20.25	20.06	21	0
20	64QAM	1	49	20.03	20.11	20.13		
20	64QAM	1	99	19.91	20.02	20.08		
20	64QAM	50	0	20.15	20.13	20.17	21	0
20	64QAM	50	24	20.20	20.19	20.09		
20	64QAM	50	50	20.06	20.10	20.14		
20	64QAM	100	0	20.05	20.03	20.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.93	20.06	20.02	21	0
15	QPSK	1	37	19.65	19.93	19.94		
15	QPSK	1	74	19.62	20.06	19.73		
15	QPSK	36	0	19.86	20.13	19.78	21	0
15	QPSK	36	20	19.78	19.88	19.88		
15	QPSK	36	39	19.98	19.92	19.85		
15	QPSK	75	0	19.61	19.97	19.97		
15	16QAM	1	0	19.68	19.83	19.78	21	0
15	16QAM	1	37	20.12	19.68	19.85		
15	16QAM	1	74	20.01	19.85	19.87		
15	16QAM	36	0	19.87	19.88	19.86	21	0
15	16QAM	36	20	19.85	19.93	19.92		
15	16QAM	36	39	19.73	19.87	19.75		
15	16QAM	75	0	19.82	19.92	19.84		
15	64QAM	1	0	19.89	19.94	19.81	21	0
15	64QAM	1	37	19.75	19.83	19.84		
15	64QAM	1	74	19.82	19.93	19.87		
15	64QAM	36	0	19.99	19.84	20.08	21	0
15	64QAM	36	20	19.90	20.06	19.95		
15	64QAM	36	39	19.76	19.91	20.05		
15	64QAM	75	0	19.92	19.72	19.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.92	20.04	19.98	21	0
10	QPSK	1	25	19.64	19.87	19.78		
10	QPSK	1	49	19.64	20.03	19.84		
10	QPSK	25	0	19.90	20.09	19.88	21	0
10	QPSK	25	12	19.82	19.94	19.91		
10	QPSK	25	25	19.85	19.87	19.93		
10	QPSK	50	0	19.83	20.03	19.95		
10	16QAM	1	0	19.78	19.80	19.95	21	0
10	16QAM	1	25	19.95	19.74	19.88		
10	16QAM	1	49	20.04	19.90	19.85		
10	16QAM	25	0	19.85	19.92	20.02	21	0
10	16QAM	25	12	19.75	19.99	19.87		
10	16QAM	25	25	19.83	19.71	19.89		
10	16QAM	50	0	19.98	19.90	19.96		
10	64QAM	1	0	19.79	20.03	19.90	21	0
10	64QAM	1	25	19.78	19.80	20.03		
10	64QAM	1	49	19.73	19.81	19.97		
10	64QAM	25	0	19.94	19.98	19.97	21	0
10	64QAM	25	12	19.98	20.09	19.79		
10	64QAM	25	25	19.92	19.84	19.99		
10	64QAM	50	0	19.95	19.76	19.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.96	20.19	19.90	21	0
5	QPSK	1	12	19.79	19.80	19.91		
5	QPSK	1	24	19.73	19.94	19.89		
5	QPSK	12	0	19.98	20.00	19.88	21	0
5	QPSK	12	7	19.81	19.93	19.92		
5	QPSK	12	13	20.00	19.83	19.80		
5	QPSK	25	0	19.74	19.99	19.88		
5	16QAM	1	0	19.79	19.92	19.88	21	0
5	16QAM	1	12	20.06	19.76	19.77		
5	16QAM	1	24	20.10	19.77	19.87		
5	16QAM	12	0	19.86	19.99	19.81	21	0
5	16QAM	12	7	19.77	20.05	19.76		
5	16QAM	12	13	19.82	19.84	19.85		
5	16QAM	25	0	19.76	19.75	19.87		
5	64QAM	1	0	19.89	20.04	19.94	21	0
5	64QAM	1	12	19.78	19.89	19.91		
5	64QAM	1	24	19.79	19.73	19.97		
5	64QAM	12	0	19.90	19.98	19.98	21	0
5	64QAM	12	7	20.05	20.11	19.83		
5	64QAM	12	13	19.88	19.92	19.86		
5	64QAM	25	0	19.90	19.75	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.92	20.12	20.08	21	0
3	QPSK	1	8	19.83	19.77	19.76		
3	QPSK	1	14	19.79	19.95	19.75		
3	QPSK	8	0	19.90	20.16	19.86	21	0
3	QPSK	8	4	19.78	20.01	19.92		
3	QPSK	8	7	19.98	19.90	19.93		
3	QPSK	15	0	19.82	19.92	19.75		
3	16QAM	1	0	19.80	19.82	19.84	21	0
3	16QAM	1	8	19.97	19.70	19.84		
3	16QAM	1	14	19.86	19.71	19.84		
3	16QAM	8	0	19.96	20.07	19.88	21	0
3	16QAM	8	4	19.81	19.98	19.92		
3	16QAM	8	7	19.66	19.88	19.81		
3	16QAM	15	0	19.81	19.78	19.98		
3	64QAM	1	0	19.77	20.00	19.84	21	0
3	64QAM	1	8	19.85	19.99	19.89		
3	64QAM	1	14	19.66	19.70	19.99		
3	64QAM	8	0	20.06	19.83	19.89	21	0
3	64QAM	8	4	20.10	19.88	19.86		
3	64QAM	8	7	19.90	19.95	19.96		
3	64QAM	15	0	19.84	19.82	19.78		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.98	20.18	19.99	21	0
1.4	QPSK	1	3	19.77	19.80	19.92		
1.4	QPSK	1	5	19.73	19.88	19.80		
1.4	QPSK	3	0	19.99	20.04	19.93		
1.4	QPSK	3	1	19.73	20.05	19.92		
1.4	QPSK	3	3	19.90	20.01	19.74		
1.4	QPSK	6	0	19.74	19.88	19.91	21	0
1.4	16QAM	1	0	19.92	19.77	19.85	21	0
1.4	16QAM	1	3	20.01	19.86	19.93		
1.4	16QAM	1	5	19.88	19.76	19.95		
1.4	16QAM	3	0	19.80	19.88	19.98		
1.4	16QAM	3	1	19.81	19.96	19.79		
1.4	16QAM	3	3	19.77	19.82	19.79		
1.4	16QAM	6	0	19.81	19.87	20.05	21	0
1.4	64QAM	1	0	19.89	19.96	19.79	21	0
1.4	64QAM	1	3	19.80	19.91	20.01		
1.4	64QAM	1	5	19.74	19.87	19.99		
1.4	64QAM	3	0	19.86	20.04	19.87		
1.4	64QAM	3	1	19.91	19.97	19.94		
1.4	64QAM	3	3	19.90	19.91	19.92		
1.4	64QAM	6	0	19.86	19.73	19.92	21	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.59	22.65	22.49	23.5	0
20	QPSK	1	49	22.59	22.55	22.59		
20	QPSK	1	99	22.51	22.59	22.54		
20	QPSK	50	0	22.58	22.61	22.58	23.5	0
20	QPSK	50	24	22.57	22.60	22.54		
20	QPSK	50	50	22.57	22.59	22.55		
20	QPSK	100	0	22.52	22.55	22.52		
20	16QAM	1	0	22.53	22.52	22.59	23.5	0
20	16QAM	1	49	22.59	22.54	22.56		
20	16QAM	1	99	22.62	22.53	22.59		
20	16QAM	50	0	22.62	22.62	22.50	23.5	0
20	16QAM	50	24	22.62	22.59	22.55		
20	16QAM	50	50	22.60	22.61	22.57		
20	16QAM	100	0	22.58	22.57	22.63		
20	64QAM	1	0	22.53	22.52	22.48	23.5	0
20	64QAM	1	49	22.52	22.53	22.51		
20	64QAM	1	99	22.58	22.55	22.55		
20	64QAM	50	0	21.65	21.63	21.56	22.5	1
20	64QAM	50	24	21.62	21.61	21.57		
20	64QAM	50	50	21.63	21.67	21.62		
20	64QAM	100	0	21.65	21.69	21.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.62	22.63	22.56	23.5	0
15	QPSK	1	37	22.58	22.61	22.58		
15	QPSK	1	74	22.57	22.54	22.59		
15	QPSK	36	0	22.59	22.62	22.60	23.5	0
15	QPSK	36	20	22.61	22.54	22.58		
15	QPSK	36	39	22.53	22.60	22.54		
15	QPSK	75	0	22.57	22.55	22.62		
15	16QAM	1	0	22.62	22.59	22.61	23.5	0
15	16QAM	1	37	22.53	22.60	22.58		
15	16QAM	1	74	22.61	22.57	22.61		
15	16QAM	36	0	22.60	22.56	22.61	23.5	0
15	16QAM	36	20	22.61	22.59	22.62		
15	16QAM	36	39	22.54	22.53	22.59		
15	16QAM	75	0	22.54	22.58	22.61		
15	64QAM	1	0	22.57	22.59	22.56	23.5	0
15	64QAM	1	37	22.62	22.57	22.55		
15	64QAM	1	74	22.59	22.60	22.58		
15	64QAM	36	0	21.65	21.61	21.58	22.5	1
15	64QAM	36	20	21.63	21.70	21.64		
15	64QAM	36	39	21.69	21.64	21.62		
15	64QAM	75	0	21.64	21.70	21.65		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.59	22.64	22.55	23.5	0
10	QPSK	1	25	22.57	22.61	22.63		
10	QPSK	1	49	22.62	22.58	22.57		
10	QPSK	25	0	22.63	22.60	22.61	23.5	0
10	QPSK	25	12	22.63	22.61	22.56		
10	QPSK	25	25	22.63	22.59	22.59		
10	QPSK	50	0	22.61	22.63	22.51		
10	16QAM	1	0	22.63	22.57	22.58	23.5	0
10	16QAM	1	25	22.55	22.62	22.57		
10	16QAM	1	49	22.63	22.61	22.58		
10	16QAM	25	0	22.57	22.55	22.48	23.5	0
10	16QAM	25	12	22.63	22.61	22.54		
10	16QAM	25	25	22.59	22.62	22.57		
10	16QAM	50	0	22.60	22.63	22.53		
10	64QAM	1	0	22.60	22.57	22.54	23.5	0
10	64QAM	1	25	22.62	22.63	22.61		
10	64QAM	1	49	22.60	22.62	22.57		
10	64QAM	25	0	21.63	21.63	21.58	22.5	1
10	64QAM	25	12	21.73	21.73	21.63		
10	64QAM	25	25	21.69	21.71	21.67		
10	64QAM	50	0	21.72	21.70	21.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.58	22.63	22.51	23.5	0
5	QPSK	1	12	22.58	22.58	22.51		
5	QPSK	1	24	22.51	22.59	22.55		
5	QPSK	12	0	22.56	22.58	22.53	23.5	0
5	QPSK	12	7	22.60	22.53	22.56		
5	QPSK	12	13	22.57	22.56	22.51		
5	QPSK	25	0	22.60	22.59	22.52		
5	16QAM	1	0	22.56	22.51	22.52	23.5	0
5	16QAM	1	12	22.59	22.59	22.57		
5	16QAM	1	24	22.57	22.60	22.54		
5	16QAM	12	0	22.56	22.58	22.50	23.5	0
5	16QAM	12	7	22.63	22.61	22.60		
5	16QAM	12	13	22.54	22.59	22.59		
5	16QAM	25	0	22.62	22.62	22.52		
5	64QAM	1	0	22.58	22.60	22.52	23.5	0
5	64QAM	1	12	22.53	22.57	22.51		
5	64QAM	1	24	22.53	22.56	22.59		
5	64QAM	12	0	21.62	21.57	21.50	22.5	1
5	64QAM	12	7	21.61	21.73	21.65		
5	64QAM	12	13	21.65	21.65	21.57		
5	64QAM	25	0	21.62	21.64	21.58		

Band 41_Ant2 DSI5

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	22.65	22.56	22.68	22.63	22.57	23.5	0
20	QPSK	1	49	22.57	22.56	22.61	22.66	22.55		
20	QPSK	1	99	22.54	22.50	22.58	22.54	22.64		
20	QPSK	50	0	22.61	22.53	22.65	22.58	22.60	23.5	0
20	QPSK	50	24	22.58	22.61	22.63	22.59	22.60		
20	QPSK	50	50	22.63	22.60	22.63	22.60	22.57		
20	QPSK	100	0	22.62	22.58	22.64	22.57	22.58		
20	16QAM	1	0	22.62	22.50	22.65	22.60	22.62	23.5	0
20	16QAM	1	49	22.62	22.57	22.60	22.59	22.50		
20	16QAM	1	99	22.66	22.55	22.62	22.62	22.59		
20	16QAM	50	0	22.60	22.55	22.57	22.58	22.60	23.5	0
20	16QAM	50	24	22.60	22.63	22.64	22.60	22.58		
20	16QAM	50	50	22.66	22.64	22.66	22.65	22.57		
20	16QAM	100	0	22.58	22.61	22.65	22.57	22.58		
20	64QAM	1	0	22.67	22.57	22.50	22.56	22.58	23.5	0
20	64QAM	1	49	22.62	22.59	22.58	22.54	22.56		
20	64QAM	1	99	22.55	22.61	22.58	22.59	22.52		
20	64QAM	50	0	21.58	21.51	21.59	21.61	21.56	22.5	1
20	64QAM	50	24	21.58	21.58	21.61	21.51	21.54		
20	64QAM	50	50	21.58	21.56	21.58	21.57	21.48		
20	64QAM	100	0	21.63	21.66	21.60	21.60	21.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.63	22.54	22.67	22.60	22.56	23.50	0
15	QPSK	1	37	22.60	22.54	22.56	22.57	22.51		
15	QPSK	1	74	22.56	22.62	22.63	22.61	22.56		
15	QPSK	36	0	22.60	22.50	22.53	22.59	22.57	23.5	0
15	QPSK	36	20	22.65	22.56	22.63	22.64	22.60		
15	QPSK	36	39	22.64	22.60	22.61	22.63	22.53		
15	QPSK	75	0	22.66	22.60	22.60	22.64	22.57		
15	16QAM	1	0	22.61	22.51	22.59	22.57	22.58	23.5	0
15	16QAM	1	37	22.60	22.56	22.55	22.56	22.61		
15	16QAM	1	74	22.65	22.63	22.60	22.62	22.58		
15	16QAM	36	0	22.63	22.46	22.50	22.54	22.51	23.5	0
15	16QAM	36	20	22.61	22.56	22.58	22.59	22.51		
15	16QAM	36	39	22.58	22.53	22.55	22.58	22.49		
15	16QAM	75	0	22.66	22.63	22.66	22.64	22.55		
15	64QAM	1	0	22.66	22.58	22.48	22.45	22.45	23.5	0
15	64QAM	1	37	22.60	22.50	22.45	22.48	22.58		
15	64QAM	1	74	22.53	22.57	22.52	22.58	22.48		
15	64QAM	36	0	21.72	21.62	21.65	21.67	21.68	22.5	1
15	64QAM	36	20	21.68	21.69	21.72	21.74	21.65		
15	64QAM	36	39	21.68	21.70	21.71	21.72	21.62		
15	64QAM	75	0	21.71	21.71	21.72	21.71	21.67		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.65	22.59	22.65	22.55	22.50	23.50	0
10	QPSK	1	25	22.64	22.55	22.53	22.55	22.56		
10	QPSK	1	49	22.64	22.52	22.58	22.57	22.48		
10	QPSK	25	0	22.62	22.56	22.59	22.61	22.60	23.5	0
10	QPSK	25	12	22.66	22.67	22.61	22.64	22.62		
10	QPSK	25	25	22.66	22.63	22.63	22.59	22.58		
10	QPSK	50	0	22.64	22.67	22.60	22.61	22.61		
10	16QAM	1	0	22.63	22.62	22.66	22.59	22.63	23.5	0
10	16QAM	1	25	22.60	22.66	22.59	22.62	22.62		
10	16QAM	1	49	22.59	22.61	22.66	22.67	22.56		
10	16QAM	25	0	22.62	22.50	22.58	22.60	22.60	23.5	0
10	16QAM	25	12	22.64	22.65	22.60	22.65	22.64		
10	16QAM	25	25	22.61	22.59	22.66	22.65	22.60		
10	16QAM	50	0	22.62	22.65	22.66	22.62	22.64		
10	64QAM	1	0	22.53	22.50	22.59	22.60	22.58	23.5	0
10	64QAM	1	25	22.51	22.58	22.62	22.61	22.63		
10	64QAM	1	49	22.43	22.58	22.64	22.66	22.60		
10	64QAM	25	0	21.64	21.65	21.68	21.74	21.72	22.5	1
10	64QAM	25	12	21.67	21.80	21.81	21.77	21.77		
10	64QAM	25	25	21.63	21.72	21.78	21.78	21.72		
10	64QAM	50	0	21.65	21.75	21.76	21.74	21.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.62	22.50	22.59	22.51	22.57	23.50	0
5	QPSK	1	12	22.65	22.56	22.55	22.58	22.59		
5	QPSK	1	24	22.58	22.56	22.51	22.59	22.53		
5	QPSK	12	0	22.63	22.54	22.56	22.56	22.57	23.5	0
5	QPSK	12	7	22.65	22.56	22.59	22.57	22.65		
5	QPSK	12	13	22.63	22.60	22.65	22.67	22.57		
5	QPSK	25	0	22.65	22.61	22.61	22.53	22.52		
5	16QAM	1	0	22.61	22.56	22.50	22.54	22.58	23.5	0
5	16QAM	1	12	22.63	22.55	22.58	22.63	22.53		
5	16QAM	1	24	22.58	22.55	22.56	22.58	22.56		
5	16QAM	12	0	22.61	22.59	22.53	22.55	22.54	23.5	0
5	16QAM	12	7	22.67	22.65	22.62	22.66	22.59		
5	16QAM	12	13	22.61	22.57	22.60	22.61	22.59		
5	16QAM	25	0	22.60	22.61	22.66	22.61	22.60		
5	64QAM	1	0	22.55	22.50	22.54	22.55	22.51	23.5	0
5	64QAM	1	12	22.52	22.62	22.61	22.66	22.58		
5	64QAM	1	24	22.59	22.59	22.58	22.62	22.53		
5	64QAM	12	0	21.72	21.69	21.62	21.65	21.63	22.5	1
5	64QAM	12	7	21.59	21.77	21.78	21.80	21.71		
5	64QAM	12	13	21.69	21.65	21.68	21.71	21.61		
5	64QAM	25	0	21.69	21.66	21.70	21.61	21.64		

GSM850 Ant 3 DSI 1&5

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.98	30.64	30.87	31.50	21.98	21.64	21.87	22.50
GPRS 1 Tx slot	31.00	30.98	30.93	31.50	22.00	21.98	21.93	22.50
GPRS 2 Tx slots	27.30	27.60	27.29	28.50	21.30	21.60	21.29	22.50
GPRS 3 Tx slots	25.64	25.63	25.46	26.50	21.38	21.37	21.20	22.24
GPRS 4 Tx slots	24.19	24.21	24.05	26.00	21.19	21.21	21.05	23.00
EDGE 1 Tx slot	26.53	26.61	26.57	27.00	17.53	17.61	17.57	18.00
EDGE 2 Tx slots	23.50	23.42	23.35	24.00	17.50	17.42	17.35	18.00
EDGE 3 Tx slots	21.66	21.91	21.67	23.00	17.40	17.65	17.41	18.74
EDGE 4 Tx slots	20.39	20.50	20.36	21.00	17.39	17.50	17.36	18.00

WCDMA V Ant 3 DSI 1&5 | **WCDMA V Ant 3 DSI 4**

Band		WCDMA V			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.11	22.11	22.00	22.50	22.62	22.58	22.40	23.00
3GPP Rel 99	RMC 12.2Kbps	22.16	22.14	22.10	22.50	22.55	22.69	22.67	23.00
3GPP Rel 6	HSDPA Subtest-1	21.36	21.28	21.13	21.50	21.90	21.84	21.53	22.00
3GPP Rel 6	HSDPA Subtest-2	20.99	21.39	21.18	21.50	21.40	21.93	21.57	22.00
3GPP Rel 6	HSDPA Subtest-3	20.96	20.81	20.56	21.00	21.45	21.36	21.00	21.50
3GPP Rel 6	HSDPA Subtest-4	20.93	20.95	20.54	21.00	21.52	21.47	21.05	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.36	21.15	21.50	21.98	21.77	21.61	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.03	21.21	21.18	21.50	21.52	21.63	21.70	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.81	20.86	20.69	21.00	21.33	21.31	21.31	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.97	20.99	20.51	21.00	21.41	21.45	20.64	21.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.32	20.99	21.50	21.82	21.90	21.44	22.00
3GPP Rel 6	HSUPA Subtest-2	19.21	19.22	19.01	19.50	19.80	19.83	19.51	20.00
3GPP Rel 6	HSUPA Subtest-3	20.16	20.27	19.92	20.50	20.59	20.74	20.50	21.00
3GPP Rel 6	HSUPA Subtest-4	19.23	19.26	18.99	19.50	19.85	19.78	19.46	20.00
3GPP Rel 6	HSUPA Subtest-5	21.35	21.20	21.04	21.50	21.75	21.70	21.49	22.00

Band 5 Ant3_DSI1

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.14	18.29	18.01	18.5	0
10	QPSK	1	25	17.79	17.94	17.79		
10	QPSK	1	49	18.01	18.07	18.09		
10	QPSK	25	0	17.86	18.11	17.88	18.5	0
10	QPSK	25	12	17.93	17.87	17.91		
10	QPSK	25	25	17.85	18.01	17.95		
10	QPSK	50	0	17.84	18.02	17.92		
10	16QAM	1	0	18.11	17.95	18.08	18.5	0
10	16QAM	1	25	17.83	17.99	17.82		
10	16QAM	1	49	17.84	18.03	18.08		
10	16QAM	25	0	17.87	18.11	18.03	18.5	0
10	16QAM	25	12	17.87	17.83	17.80		
10	16QAM	25	25	17.66	17.82	17.96		
10	16QAM	50	0	17.86	18.06	18.04		
10	64QAM	1	0	18.05	17.98	18.05	18.5	0
10	64QAM	1	25	17.83	17.90	17.82		
10	64QAM	1	49	17.97	18.04	17.99		
10	64QAM	25	0	17.92	18.01	18.03	18.5	0
10	64QAM	25	12	17.93	17.91	17.82		
10	64QAM	25	25	17.62	17.99	17.90		
10	64QAM	50	0	18.01	17.96	17.97		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	17.86	18.02	17.73	18.5	0
5	QPSK	1	12	17.67	17.69	17.61		
5	QPSK	1	24	17.74	17.87	17.84		
5	QPSK	12	0	17.55	17.82	17.61	18.5	0
5	QPSK	12	7	17.64	17.73	17.72		
5	QPSK	12	13	17.69	17.72	17.76		
5	QPSK	25	0	17.71	17.92	17.64		
5	16QAM	1	0	18.00	17.75	17.91	18.5	0
5	16QAM	1	12	17.69	17.77	17.64		
5	16QAM	1	24	17.68	17.85	17.90		
5	16QAM	12	0	17.69	18.03	17.80	18.5	0
5	16QAM	12	7	17.78	17.65	17.57		
5	16QAM	12	13	17.56	17.72	17.64		
5	16QAM	25	0	17.77	17.82	17.89		
5	64QAM	1	0	17.89	17.72	17.91	18.5	0
5	64QAM	1	12	17.52	17.69	17.68		
5	64QAM	1	24	17.78	17.91	17.82		
5	64QAM	12	0	17.73	17.83	17.77	18.5	0
5	64QAM	12	7	17.70	17.70	17.52		
5	64QAM	12	13	17.38	17.85	17.81		
5	64QAM	25	0	17.74	17.86	17.83		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	17.84	18.05	17.89	18.5	0
3	QPSK	1	8	17.64	17.71	17.65		
3	QPSK	1	14	17.84	17.77	17.88		
3	QPSK	8	0	17.64	17.99	17.80	18.5	0
3	QPSK	8	4	17.82	17.75	17.71		
3	QPSK	8	7	17.75	17.89	17.78		
3	QPSK	15	0	17.53	17.86	17.73		
3	16QAM	1	0	17.85	17.71	18.00	18.5	0
3	16QAM	1	8	17.74	17.89	17.59		
3	16QAM	1	14	17.70	17.87	17.95		
3	16QAM	8	0	17.66	17.83	17.75	18.5	0
3	16QAM	8	4	17.55	17.51	17.49		
3	16QAM	8	7	17.53	17.55	17.86		
3	16QAM	15	0	17.69	17.95	17.84		
3	64QAM	1	0	17.92	17.72	17.81	18.5	0
3	64QAM	1	8	17.69	17.62	17.60		
3	64QAM	1	14	17.77	17.84	17.84		
3	64QAM	8	0	17.69	17.86	17.93	18.5	0
3	64QAM	8	4	17.85	17.69	17.57		
3	64QAM	8	7	17.46	17.74	17.70		
3	64QAM	15	0	17.74	17.64	17.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	17.84	18.13	17.72	18.5	0
1.4	QPSK	1	3	17.65	17.76	17.69		
1.4	QPSK	1	5	17.88	17.88	17.99		
1.4	QPSK	3	0	17.75	17.83	17.72		
1.4	QPSK	3	1	17.79	17.69	17.77		
1.4	QPSK	3	3	17.74	17.90	17.65		
1.4	QPSK	6	0	17.58	17.82	17.83	18.5	0
1.4	16QAM	1	0	17.90	17.83	17.85	18.5	0
1.4	16QAM	1	3	17.60	17.71	17.67		
1.4	16QAM	1	5	17.61	17.86	17.87		
1.4	16QAM	3	0	17.78	17.84	17.83		
1.4	16QAM	3	1	17.57	17.65	17.57		
1.4	16QAM	3	3	17.41	17.59	17.71		
1.4	16QAM	6	0	17.56	17.83	17.81	18.5	0
1.4	64QAM	1	0	17.87	17.75	17.73	18.5	0
1.4	64QAM	1	3	17.70	17.69	17.66		
1.4	64QAM	1	5	17.82	17.79	17.88		
1.4	64QAM	3	0	17.67	17.70	17.92		
1.4	64QAM	3	1	17.75	17.69	17.67		
1.4	64QAM	3	3	17.50	17.84	17.58		
1.4	64QAM	6	0	17.69	17.64	17.79	18.5	0

Band 5 Ant3_DSI5

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.56	20.63	20.45	21	0
10	QPSK	1	25	20.38	20.50	20.40		
10	QPSK	1	49	20.39	20.53	20.37		
10	QPSK	25	0	20.23	20.48	20.47	21	0
10	QPSK	25	12	20.47	20.44	20.32		
10	QPSK	25	25	20.33	20.46	20.36		
10	QPSK	50	0	20.43	20.52	20.40		
10	16QAM	1	0	20.50	20.45	20.47	21	0
10	16QAM	1	25	20.46	20.33	20.39		
10	16QAM	1	49	20.47	20.56	20.56		
10	16QAM	25	0	20.25	20.55	20.52	21	0
10	16QAM	25	12	20.27	20.34	20.35		
10	16QAM	25	25	20.21	20.44	20.32		
10	16QAM	50	0	20.38	20.47	20.54		
10	64QAM	1	0	20.55	20.62	20.42	21	0
10	64QAM	1	25	20.36	20.35	20.41		
10	64QAM	1	49	20.31	20.57	20.57		
10	64QAM	25	0	20.32	20.48	20.52	21	0
10	64QAM	25	12	20.27	20.44	20.36		
10	64QAM	25	25	20.13	20.52	20.48		
10	64QAM	50	0	20.46	20.54	20.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.27	20.32	20.28	21	0
5	QPSK	1	12	20.21	20.36	20.31		
5	QPSK	1	24	20.08	20.39	20.27		
5	QPSK	12	0	20.02	20.36	20.22	21	0
5	QPSK	12	7	20.31	20.28	20.09		
5	QPSK	12	13	20.13	20.31	20.21		
5	QPSK	25	0	20.13	20.34	20.11		
5	16QAM	1	0	20.41	20.20	20.24	21	0
5	16QAM	1	12	20.29	20.11	20.08		
5	16QAM	1	24	20.17	20.46	20.32		
5	16QAM	12	0	20.12	20.26	20.31	21	0
5	16QAM	12	7	20.03	20.08	20.17		
5	16QAM	12	13	19.97	20.24	20.08		
5	16QAM	25	0	20.20	20.26	20.45		
5	64QAM	1	0	20.30	20.49	20.17	21	0
5	64QAM	1	12	20.22	20.13	20.32		
5	64QAM	1	24	20.20	20.25	20.29		
5	64QAM	12	0	20.13	20.25	20.27	21	0
5	64QAM	12	7	20.12	20.34	20.16		
5	64QAM	12	13	19.99	20.30	20.36		
5	64QAM	25	0	20.33	20.44	20.31		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.29	20.34	20.24	21	0
3	QPSK	1	8	20.17	20.34	20.16		
3	QPSK	1	14	20.16	20.24	20.25		
3	QPSK	8	0	19.97	20.32	20.38	21	0
3	QPSK	8	4	20.23	20.35	20.11		
3	QPSK	8	7	20.09	20.20	20.22		
3	QPSK	15	0	20.33	20.30	20.13		
3	16QAM	1	0	20.27	20.18	20.31	21	0
3	16QAM	1	8	20.25	20.02	20.14		
3	16QAM	1	14	20.37	20.35	20.47		
3	16QAM	8	0	20.00	20.45	20.32	21	0
3	16QAM	8	4	20.06	20.03	20.22		
3	16QAM	8	7	20.08	20.16	20.05		
3	16QAM	15	0	20.06	20.15	20.23		
3	64QAM	1	0	20.43	20.38	20.31	21	0
3	64QAM	1	8	20.23	20.05	20.27		
3	64QAM	1	14	20.16	20.33	20.37		
3	64QAM	8	0	20.19	20.17	20.25	21	0
3	64QAM	8	4	19.96	20.21	20.11		
3	64QAM	8	7	19.93	20.39	20.20		
3	64QAM	15	0	20.28	20.45	20.23		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.33	20.46	20.19	21	0
1.4	QPSK	1	3	20.11	20.35	20.11		
1.4	QPSK	1	5	20.10	20.41	20.17		
1.4	QPSK	3	0	19.97	20.26	20.35		
1.4	QPSK	3	1	20.31	20.31	20.11		
1.4	QPSK	3	3	20.15	20.22	20.16		
1.4	QPSK	6	0	20.18	20.25	20.14	21	0
1.4	16QAM	1	0	20.38	20.15	20.27	21	0
1.4	16QAM	1	3	20.26	20.16	20.16		
1.4	16QAM	1	5	20.33	20.48	20.31		
1.4	16QAM	3	0	20.06	20.34	20.29		
1.4	16QAM	3	1	20.01	20.16	20.11		
1.4	16QAM	3	3	20.07	20.14	20.16		
1.4	16QAM	6	0	20.29	20.15	20.23	21	0
1.4	64QAM	1	0	20.44	20.47	20.13	21	0
1.4	64QAM	1	3	20.26	20.14	20.22		
1.4	64QAM	1	5	20.16	20.29	20.33		
1.4	64QAM	3	0	20.17	20.36	20.28		
1.4	64QAM	3	1	19.97	20.35	20.09		
1.4	64QAM	3	3	19.98	20.23	20.24		
1.4	64QAM	6	0	20.22	20.33	20.24	21	0

Band 13 Ant3_DSI1&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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.97		23.5	0
10	QPSK	1	25		22.92			
10	QPSK	1	49		22.84			
10	QPSK	25	0		22.93		23.5	0
10	QPSK	25	12		22.90			
10	QPSK	25	25		22.83			
10	QPSK	50	0		22.90			
10	16QAM	1	0		22.93		23.5	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.94			
10	16QAM	25	0		22.93		23.5	0
10	16QAM	25	12		22.94			
10	16QAM	25	25		22.96			
10	16QAM	50	0		22.91			
10	64QAM	1	0		22.92		23.5	0
10	64QAM	1	25		22.93			
10	64QAM	1	49		22.90			
10	64QAM	25	0		22.03		22.5	1
10	64QAM	25	12		22.07			
10	64QAM	25	25		22.07			
10	64QAM	50	0		22.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.89	22.94	22.91	23.5	0
5	QPSK	1	12	22.88	22.92	22.87		
5	QPSK	1	24	22.88	22.93	22.85		
5	QPSK	12	0	22.85	22.88	22.86	23.5	0
5	QPSK	12	7	22.96	22.91	22.93		
5	QPSK	12	13	22.90	22.90	22.86		
5	QPSK	25	0	22.87	22.83	22.88		
5	16QAM	1	0	22.94	22.93	22.93	23.5	0
5	16QAM	1	12	22.90	22.90	22.82		
5	16QAM	1	24	22.93	22.86	22.87		
5	16QAM	12	0	22.94	22.92	22.96	23.5	0
5	16QAM	12	7	22.96	22.88	22.93		
5	16QAM	12	13	22.89	22.93	22.87		
5	16QAM	25	0	22.96	22.90	22.91		
5	64QAM	1	0	22.87	22.93	22.89	23.5	0
5	64QAM	1	12	22.89	22.95	22.92		
5	64QAM	1	24	22.91	22.84	22.85		
5	64QAM	12	0	21.96	21.96	21.94	22.5	1
5	64QAM	12	7	22.04	22.00	22.04		
5	64QAM	12	13	21.98	22.02	21.98		
5	64QAM	25	0	22.06	21.99	22.03		

Band 26 Ant3_DSI1

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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	18.89	19.10	18.84	19.5	0
15	QPSK	1	37	19.01	18.98	18.85		
15	QPSK	1	74	18.87	19.04	18.89		
15	QPSK	36	0	18.80	19.06	18.76	19.5	0
15	QPSK	36	20	18.99	18.97	18.89		
15	QPSK	36	39	18.81	18.99	18.93		
15	QPSK	75	0	18.87	18.93	18.86		
15	16QAM	1	0	18.91	18.88	18.99	19.5	0
15	16QAM	1	37	18.96	18.90	18.89		
15	16QAM	1	74	19.09	18.94	19.06		
15	16QAM	36	0	18.94	18.87	18.79	19.5	0
15	16QAM	36	20	18.99	18.97	18.87		
15	16QAM	36	39	18.95	18.91	18.91		
15	16QAM	75	0	19.04	18.80	18.68		
15	64QAM	1	0	18.97	19.03	18.93	19.5	0
15	64QAM	1	37	18.87	19.08	18.91		
15	64QAM	1	74	18.88	19.00	18.92		
15	64QAM	36	0	18.81	18.83	18.88	19.5	0
15	64QAM	36	20	18.91	19.03	18.90		
15	64QAM	36	39	18.95	18.96	18.73		
15	64QAM	75	0	18.83	18.80	18.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	18.66	19.01	18.66	19.5	0
10	QPSK	1	25	18.80	18.81	18.60		
10	QPSK	1	49	18.58	18.90	18.70		
10	QPSK	25	0	18.66	18.87	18.57	19.5	0
10	QPSK	25	12	18.71	18.80	18.67		
10	QPSK	25	25	18.68	18.90	18.84		
10	QPSK	50	0	18.74	18.81	18.63		
10	16QAM	1	0	18.63	18.58	18.80	19.5	0
10	16QAM	1	25	18.67	18.79	18.61		
10	16QAM	1	49	18.96	18.77	18.92		
10	16QAM	25	0	18.78	18.62	18.68	19.5	0
10	16QAM	25	12	18.87	18.70	18.68		
10	16QAM	25	25	18.64	18.66	18.61		
10	16QAM	50	0	18.79	18.49	18.40		
10	64QAM	1	0	18.70	18.74	18.64	19.5	0
10	64QAM	1	25	18.69	18.88	18.81		
10	64QAM	1	49	18.58	18.87	18.74		
10	64QAM	25	0	18.67	18.64	18.56	19.5	0
10	64QAM	25	12	18.72	18.88	18.59		
10	64QAM	25	25	18.83	18.79	18.61		
10	64QAM	50	0	18.69	18.67	18.81		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	18.75	18.87	18.59	19.5	0
5	QPSK	1	12	18.71	18.86	18.68		
5	QPSK	1	24	18.63	18.80	18.60		
5	QPSK	12	0	18.60	18.96	18.63	19.5	0
5	QPSK	12	7	18.83	18.79	18.72		
5	QPSK	12	13	18.68	18.68	18.81		
5	QPSK	25	0	18.77	18.64	18.78		
5	16QAM	1	0	18.69	18.57	18.71	19.5	0
5	16QAM	1	12	18.64	18.66	18.64		
5	16QAM	1	24	18.99	18.69	18.87		
5	16QAM	12	0	18.79	18.73	18.60	19.5	0
5	16QAM	12	7	18.71	18.80	18.75		
5	16QAM	12	13	18.67	18.78	18.60		
5	16QAM	25	0	18.74	18.59	18.52		
5	64QAM	1	0	18.81	18.75	18.79	19.5	0
5	64QAM	1	12	18.73	18.87	18.61		
5	64QAM	1	24	18.57	18.85	18.83		
5	64QAM	12	0	18.61	18.62	18.69	19.5	0
5	64QAM	12	7	18.59	18.91	18.74		
5	64QAM	12	13	18.70	18.78	18.57		
5	64QAM	25	0	18.53	18.54	18.78		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	18.63	18.80	18.56	19.5	0
3	QPSK	1	8	18.77	18.90	18.62		
3	QPSK	1	14	18.57	18.80	18.58		
3	QPSK	8	0	18.59	18.93	18.65	19.5	0
3	QPSK	8	4	18.82	18.74	18.68		
3	QPSK	8	7	18.50	18.87	18.73		
3	QPSK	15	0	18.71	18.76	18.66		
3	16QAM	1	0	18.74	18.64	18.88	19.5	0
3	16QAM	1	8	18.85	18.78	18.81		
3	16QAM	1	14	18.80	18.80	18.97		
3	16QAM	8	0	18.70	18.72	18.56	19.5	0
3	16QAM	8	4	18.75	18.87	18.74		
3	16QAM	8	7	18.74	18.76	18.72		
3	16QAM	15	0	18.86	18.54	18.37		
3	64QAM	1	0	18.73	18.72	18.76	19.5	0
3	64QAM	1	8	18.73	18.89	18.76		
3	64QAM	1	14	18.63	18.84	18.63		
3	64QAM	8	0	18.55	18.68	18.67	19.5	0
3	64QAM	8	4	18.64	18.76	18.68		
3	64QAM	8	7	18.77	18.78	18.46		
3	64QAM	15	0	18.63	18.52	18.71		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	18.78	18.96	18.55	19.5	0
1.4	QPSK	1	3	18.84	18.78	18.54		
1.4	QPSK	1	5	18.66	18.79	18.68		
1.4	QPSK	3	0	18.65	18.92	18.66		
1.4	QPSK	3	1	18.68	18.75	18.77		
1.4	QPSK	3	3	18.56	18.71	18.69		
1.4	QPSK	6	0	18.67	18.71	18.71	19.5	0
1.4	16QAM	1	0	18.64	18.56	18.68	19.5	0
1.4	16QAM	1	3	18.65	18.66	18.62		
1.4	16QAM	1	5	18.86	18.79	18.95		
1.4	16QAM	3	0	18.66	18.71	18.50		
1.4	16QAM	3	1	18.78	18.87	18.68		
1.4	16QAM	3	3	18.63	18.69	18.63		
1.4	16QAM	6	0	18.82	18.68	18.59	19.5	0
1.4	64QAM	1	0	18.70	18.93	18.65	19.5	0
1.4	64QAM	1	3	18.79	18.79	18.83		
1.4	64QAM	1	5	18.62	18.79	18.60		
1.4	64QAM	3	0	18.50	18.60	18.67		
1.4	64QAM	3	1	18.62	18.84	18.78		
1.4	64QAM	3	3	18.74	18.84	18.61		
1.4	64QAM	6	0	18.54	18.67	18.81	19.5	0

Band 26 Ant3_DSI5

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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.47	21.61	21.39	22	0
15	QPSK	1	37	21.52	21.43	21.40		
15	QPSK	1	74	21.33	21.33	21.30		
15	QPSK	36	0	21.28	21.46	21.39	22	0
15	QPSK	36	20	21.45	21.43	21.37		
15	QPSK	36	39	21.33	21.37	21.38		
15	QPSK	75	0	21.31	21.46	21.26		
15	16QAM	1	0	21.38	21.40	21.58	22	0
15	16QAM	1	37	21.58	21.43	21.42		
15	16QAM	1	74	21.49	21.56	21.38		
15	16QAM	36	0	21.38	21.29	21.27	22	0
15	16QAM	36	20	21.38	21.26	21.38		
15	16QAM	36	39	21.49	21.42	21.40		
15	16QAM	75	0	21.33	21.29	21.39		
15	64QAM	1	0	21.56	21.51	21.60	22	0
15	64QAM	1	37	21.42	21.55	21.36		
15	64QAM	1	74	21.52	21.36	21.47		
15	64QAM	36	0	20.51	20.44	20.24	22	0
15	64QAM	36	20	20.43	20.39	20.29		
15	64QAM	36	39	20.28	20.49	20.35		
15	64QAM	75	0	20.54	20.40	20.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.26	21.47	21.28	22	0
10	QPSK	1	25	21.23	21.12	21.27		
10	QPSK	1	49	21.15	21.22	21.00		
10	QPSK	25	0	21.18	21.30	21.08	22	0
10	QPSK	25	12	21.27	21.19	21.22		
10	QPSK	25	25	21.03	21.29	21.15		
10	QPSK	50	0	21.05	21.31	21.09		
10	16QAM	1	0	21.09	21.19	21.45	22	0
10	16QAM	1	25	21.48	21.28	21.13		
10	16QAM	1	49	21.26	21.29	21.20		
10	16QAM	25	0	21.26	21.05	21.13	22	0
10	16QAM	25	12	21.22	21.03	21.28		
10	16QAM	25	25	21.35	21.29	21.31		
10	16QAM	50	0	21.18	20.99	21.29		
10	64QAM	1	0	21.31	21.35	21.31	22	0
10	64QAM	1	25	21.18	21.39	21.05		
10	64QAM	1	49	21.41	21.22	21.27		
10	64QAM	25	0	20.20	20.21	20.15	22	0
10	64QAM	25	12	20.20	20.11	20.01		
10	64QAM	25	25	20.10	20.35	20.18		
10	64QAM	50	0	20.25	20.23	20.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.34	21.49	21.20	22	0
5	QPSK	1	12	21.20	21.14	21.22		
5	QPSK	1	24	21.14	21.10	21.19		
5	QPSK	12	0	21.12	21.38	21.16	22	0
5	QPSK	12	7	21.18	21.24	21.11		
5	QPSK	12	13	21.17	21.27	21.10		
5	QPSK	25	0	21.17	21.27	20.94		
5	16QAM	1	0	21.11	21.08	21.34	22	0
5	16QAM	1	12	21.47	21.33	21.24		
5	16QAM	1	24	21.30	21.37	21.07		
5	16QAM	12	0	21.14	21.19	21.16	22	0
5	16QAM	12	7	21.29	20.99	21.24		
5	16QAM	12	13	21.22	21.23	21.10		
5	16QAM	25	0	21.13	21.03	21.17		
5	64QAM	1	0	21.41	21.21	21.50	22	0
5	64QAM	1	12	21.20	21.32	21.06		
5	64QAM	1	24	21.39	21.17	21.17		
5	64QAM	12	0	20.25	20.35	20.00	22	0
5	64QAM	12	7	20.12	20.20	20.15		
5	64QAM	12	13	20.15	20.36	20.04		
5	64QAM	25	0	20.38	20.09	20.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.28	21.34	21.20	22	0
3	QPSK	1	8	21.29	21.15	21.18		
3	QPSK	1	14	21.17	21.24	21.08		
3	QPSK	8	0	21.06	21.36	21.24	22	0
3	QPSK	8	4	21.20	21.14	21.29		
3	QPSK	8	7	21.19	21.28	21.07		
3	QPSK	15	0	20.99	21.18	20.96		
3	16QAM	1	0	21.09	21.29	21.46	22	0
3	16QAM	1	8	21.41	21.28	21.21		
3	16QAM	1	14	21.34	21.29	21.24		
3	16QAM	8	0	21.09	21.18	21.16	22	0
3	16QAM	8	4	21.30	21.00	21.21		
3	16QAM	8	7	21.18	21.29	21.10		
3	16QAM	15	0	21.02	20.98	21.16		
3	64QAM	1	0	21.37	21.22	21.37	22	0
3	64QAM	1	8	21.17	21.26	21.14		
3	64QAM	1	14	21.43	21.23	21.25		
3	64QAM	8	0	20.43	20.14	20.15	22	0
3	64QAM	8	4	20.12	20.12	20.00		
3	64QAM	8	7	20.18	20.40	20.06		
3	64QAM	15	0	20.46	20.25	20.04		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.23	21.47	21.16	22	0
1.4	QPSK	1	3	21.33	21.20	21.23		
1.4	QPSK	1	5	21.15	21.23	20.98		
1.4	QPSK	3	0	21.00	21.15	21.24		
1.4	QPSK	3	1	21.14	21.33	21.22		
1.4	QPSK	3	3	21.05	21.09	21.20		
1.4	QPSK	6	0	21.05	21.32	21.02	22	0
1.4	16QAM	1	0	21.18	21.09	21.47	22	0
1.4	16QAM	1	3	21.28	21.30	21.12		
1.4	16QAM	1	5	21.30	21.26	21.19		
1.4	16QAM	3	0	21.25	21.15	21.06		
1.4	16QAM	3	1	21.29	21.03	21.13		
1.4	16QAM	3	3	21.28	21.27	21.31		
1.4	16QAM	6	0	21.08	21.20	21.24	22	0
1.4	64QAM	1	0	21.40	21.28	21.38	22	0
1.4	64QAM	1	3	21.23	21.24	21.21		
1.4	64QAM	1	5	21.32	21.15	21.24		
1.4	64QAM	3	0	20.39	20.31	20.07		
1.4	64QAM	3	1	20.17	20.27	20.04		
1.4	64QAM	3	3	20.00	20.37	20.22		
1.4	64QAM	6	0	20.31	20.27	20.17	22	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.57	22.58	22.54	23	0
20	QPSK	1	49	22.54	22.48	22.42		
20	QPSK	1	99	22.40	22.28	22.34		
20	QPSK	50	0	22.52	22.57	22.55	23	0
20	QPSK	50	24	22.54	22.55	22.56		
20	QPSK	50	50	22.54	22.52	22.43		
20	QPSK	100	0	22.54	22.55	22.52		
20	16QAM	1	0	22.51	22.55	22.52	23	0
20	16QAM	1	49	22.53	22.43	22.41		
20	16QAM	1	99	22.39	22.33	22.41		
20	16QAM	50	0	21.65	21.64	21.54	22	1
20	16QAM	50	24	21.65	21.59	21.56		
20	16QAM	50	50	21.55	21.57	21.45		
20	16QAM	100	0	21.61	21.52	21.53		
20	64QAM	1	0	21.52	21.59	21.39	22	1
20	64QAM	1	49	21.64	21.35	21.44		
20	64QAM	1	99	21.44	21.15	21.46		
20	64QAM	50	0	20.57	20.56	20.49	21	2
20	64QAM	50	24	20.50	20.49	20.48		
20	64QAM	50	50	20.49	20.48	20.39		
20	64QAM	100	0	20.50	20.49	20.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.56	22.57	22.51	23	0
15	QPSK	1	37	22.45	22.48	22.34		
15	QPSK	1	74	22.38	22.35	22.25		
15	QPSK	36	0	22.46	22.55	22.50	23	0
15	QPSK	36	20	22.49	22.54	22.50		
15	QPSK	36	39	22.55	22.54	22.44		
15	QPSK	75	0	22.52	22.55	22.53		
15	16QAM	1	0	22.51	22.46	22.51	23	0
15	16QAM	1	37	22.53	22.40	22.41		
15	16QAM	1	74	22.52	22.36	22.40		
15	16QAM	36	0	21.52	21.52	21.50	22	1
15	16QAM	36	20	21.55	21.52	21.51		
15	16QAM	36	39	21.58	21.55	21.43		
15	16QAM	75	0	21.52	21.52	21.50		
15	64QAM	1	0	21.56	21.46	21.30	22	1
15	64QAM	1	37	21.59	21.34	21.36		
15	64QAM	1	74	21.55	21.41	21.44		
15	64QAM	36	0	20.57	20.55	20.47	21	2
15	64QAM	36	20	20.56	20.46	20.45		
15	64QAM	36	39	20.51	20.50	20.39		
15	64QAM	75	0	20.59	20.49	20.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.48	22.46	22.39	23	0
10	QPSK	1	25	22.55	22.50	22.41		
10	QPSK	1	49	22.56	22.32	22.38		
10	QPSK	25	0	22.55	22.56	22.43	23	0
10	QPSK	25	12	22.42	22.53	22.55		
10	QPSK	25	25	22.46	22.47	22.55		
10	QPSK	50	0	22.51	22.57	22.56		
10	16QAM	1	0	22.51	22.57	22.51	23	0
10	16QAM	1	25	22.52	22.53	22.45		
10	16QAM	1	49	22.55	22.52	22.43		
10	16QAM	25	0	21.50	21.57	21.45	22	1
10	16QAM	25	12	21.52	21.51	21.57		
10	16QAM	25	25	21.58	21.55	21.57		
10	16QAM	50	0	21.58	21.56	21.55		
10	64QAM	1	0	21.50	21.58	21.48	22	1
10	64QAM	1	25	21.55	21.51	21.50		
10	64QAM	1	49	21.54	21.58	21.51		
10	64QAM	25	0	20.54	20.51	20.44	21	2
10	64QAM	25	12	20.51	20.57	20.55		
10	64QAM	25	25	20.58	20.51	20.49		
10	64QAM	50	0	20.52	20.55	20.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.47	22.42	22.37	23	0
5	QPSK	1	12	22.50	22.48	22.36		
5	QPSK	1	24	22.51	22.43	22.39		
5	QPSK	12	0	22.45	22.49	22.41	23	0
5	QPSK	12	7	22.47	22.57	22.48		
5	QPSK	12	13	22.48	22.57	22.46		
5	QPSK	25	0	22.57	22.53	22.40		
5	16QAM	1	0	22.54	22.40	22.32	23	0
5	16QAM	1	12	22.45	22.52	22.33		
5	16QAM	1	24	22.56	22.46	22.49		
5	16QAM	12	0	21.54	21.54	21.39	22	1
5	16QAM	12	7	21.55	21.50	21.46		
5	16QAM	12	13	21.54	21.52	21.54		
5	16QAM	25	0	21.57	21.51	21.46		
5	64QAM	1	0	21.42	21.45	21.33	22	1
5	64QAM	1	12	21.53	21.52	21.50		
5	64QAM	1	24	21.49	21.51	21.36		
5	64QAM	12	0	20.59	20.46	20.33	21	2
5	64QAM	12	7	20.50	20.51	20.38		
5	64QAM	12	13	20.56	20.54	20.43		
5	64QAM	25	0	20.52	20.52	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.53	22.47	22.32	23	0
3	QPSK	1	8	22.52	22.53	22.47		
3	QPSK	1	14	22.55	22.50	22.39		
3	QPSK	8	0	22.56	22.54	22.41	23	0
3	QPSK	8	4	22.55	22.56	22.45		
3	QPSK	8	7	22.46	22.48	22.48		
3	QPSK	15	0	22.46	22.53	22.43		
3	16QAM	1	0	22.51	22.43	22.28	23	0
3	16QAM	1	8	22.47	22.48	22.41		
3	16QAM	1	14	22.53	22.53	22.45		
3	16QAM	8	0	21.54	21.49	21.42	22	1
3	16QAM	8	4	21.52	21.51	21.50		
3	16QAM	8	7	21.56	21.53	21.49		
3	16QAM	15	0	21.70	21.57	21.44		
3	64QAM	1	0	21.46	21.41	21.31	22	1
3	64QAM	1	8	21.54	21.45	21.40		
3	64QAM	1	14	21.54	21.45	21.36		
3	64QAM	8	0	20.41	20.49	20.40	21	2
3	64QAM	8	4	20.42	20.52	20.36		
3	64QAM	8	7	20.46	20.57	20.45		
3	64QAM	15	0	20.43	20.52	20.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.46	22.42	22.34	23	0
1.4	QPSK	1	3	22.53	22.50	22.36		
1.4	QPSK	1	5	22.47	22.45	22.34		
1.4	QPSK	3	0	22.35	22.32	22.22		
1.4	QPSK	3	1	22.53	22.54	22.41		
1.4	QPSK	3	3	22.43	22.37	22.32		
1.4	QPSK	6	0	22.56	22.46	22.41	23	0
1.4	16QAM	1	0	22.43	22.41	22.34	23	0
1.4	16QAM	1	3	22.50	22.51	22.40		
1.4	16QAM	1	5	22.47	22.47	22.34		
1.4	16QAM	3	0	22.57	22.51	22.46		
1.4	16QAM	3	1	22.51	22.48	22.49		
1.4	16QAM	3	3	22.48	22.52	22.47		
1.4	16QAM	6	0	21.60	21.52	21.49	22	1
1.4	64QAM	1	0	21.42	21.37	21.39	22	1
1.4	64QAM	1	3	21.45	21.44	21.41		
1.4	64QAM	1	5	21.39	21.46	21.34		
1.4	64QAM	3	0	21.41	21.31	21.27		
1.4	64QAM	3	1	21.43	21.42	21.31		
1.4	64QAM	3	3	21.35	21.38	21.24		
1.4	64QAM	6	0	20.33	20.24	20.20	21	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.41	15.45	15.38	15.5	0
20	QPSK	1	49	15.29	15.26	15.36		
20	QPSK	1	99	15.04	15.32	15.24		
20	QPSK	50	0	15.21	15.39	15.04	15.5	0
20	QPSK	50	24	15.24	15.14	15.19		
20	QPSK	50	50	15.31	15.30	15.21		
20	QPSK	100	0	15.27	15.31	15.16		
20	16QAM	1	0	15.43	15.22	15.38	15.5	0
20	16QAM	1	49	15.21	15.37	15.40		
20	16QAM	1	99	15.33	15.17	15.37		
20	16QAM	50	0	15.14	15.28	15.03	15.5	0
20	16QAM	50	24	15.32	15.44	15.21		
20	16QAM	50	50	15.30	15.41	15.07		
20	16QAM	100	0	15.32	15.29	15.11		
20	64QAM	1	0	15.37	15.33	15.26	15.5	0
20	64QAM	1	49	15.23	15.24	15.23		
20	64QAM	1	99	15.20	15.33	15.18		
20	64QAM	50	0	15.13	15.11	15.08	15.5	0
20	64QAM	50	24	15.35	15.22	15.26		
20	64QAM	50	50	15.22	15.18	15.06		
20	64QAM	100	0	15.31	15.24	15.12		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.33	15.27	15.34	15.5	0
15	QPSK	1	37	15.21	15.09	15.33		
15	QPSK	1	74	15.19	15.27	15.19		
15	QPSK	36	0	15.03	15.36	15.01	15.5	0
15	QPSK	36	20	15.16	15.10	15.10		
15	QPSK	36	39	15.09	15.20	15.11		
15	QPSK	75	0	15.27	15.27	15.16		
15	16QAM	1	0	15.31	15.23	15.24	15.5	0
15	16QAM	1	37	15.13	15.39	15.38		
15	16QAM	1	74	15.15	15.06	15.20		
15	16QAM	36	0	15.07	15.17	15.09	15.5	0
15	16QAM	36	20	15.11	15.35	15.06		
15	16QAM	36	39	15.11	15.36	15.06		
15	16QAM	75	0	15.24	15.25	15.09		
15	64QAM	1	0	15.22	15.34	15.25	15.5	0
15	64QAM	1	37	15.05	15.15	15.20		
15	64QAM	1	74	15.12	15.34	15.01		
15	64QAM	36	0	15.05	15.01	15.07	15.5	0
15	64QAM	36	20	15.27	15.17	15.24		
15	64QAM	36	39	15.06	15.20	15.05		
15	64QAM	75	0	15.19	15.25	15.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.41	15.41	15.38	15.5	0
10	QPSK	1	25	15.25	15.15	15.35		
10	QPSK	1	49	15.04	15.20	15.07		
10	QPSK	25	0	15.14	15.26	15.07	15.5	0
10	QPSK	25	12	15.21	15.05	15.04		
10	QPSK	25	25	15.14	15.19	15.10		
10	QPSK	50	0	15.18	15.10	15.14		
10	16QAM	1	0	15.21	15.10	15.29	15.5	0
10	16QAM	1	25	15.17	15.17	15.25		
10	16QAM	1	49	15.24	15.08	15.34		
10	16QAM	25	0	15.13	15.15	15.07	15.5	0
10	16QAM	25	12	15.20	15.37	15.18		
10	16QAM	25	25	15.24	15.21	15.07		
10	16QAM	50	0	15.24	15.27	15.07		
10	64QAM	1	0	15.22	15.19	15.13	15.5	0
10	64QAM	1	25	15.07	15.21	15.03		
10	64QAM	1	49	15.03	15.21	15.13		
10	64QAM	25	0	15.03	15.09	15.10	15.5	0
10	64QAM	25	12	15.16	15.15	15.13		
10	64QAM	25	25	15.19	15.06	15.15		
10	64QAM	50	0	15.14	15.22	15.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.28	15.34	15.37	15.5	0
5	QPSK	1	12	15.14	15.12	15.27		
5	QPSK	1	24	15.09	15.34	15.23		
5	QPSK	12	0	15.11	15.23	15.17	15.5	0
5	QPSK	12	7	15.11	15.02	15.05		
5	QPSK	12	13	15.17	15.19	15.08		
5	QPSK	25	0	15.13	15.11	15.11		
5	16QAM	1	0	15.38	15.21	15.31	15.5	0
5	16QAM	1	12	15.06	15.27	15.34		
5	16QAM	1	24	15.33	15.05	15.27		
5	16QAM	12	0	15.02	15.08	15.12	15.5	0
5	16QAM	12	7	15.23	15.38	15.19		
5	16QAM	12	13	15.08	15.41	15.17		
5	16QAM	25	0	15.31	15.26	15.03		
5	64QAM	1	0	15.27	15.14	15.12	15.5	0
5	64QAM	1	12	15.10	15.17	15.09		
5	64QAM	1	24	15.13	15.15	15.19		
5	64QAM	12	0	15.13	15.05	15.02	15.5	0
5	64QAM	12	7	15.22	15.13	15.26		
5	64QAM	12	13	15.11	15.00	15.03		
5	64QAM	25	0	15.30	15.26	15.12		

Band 7 Ant4_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.28	21.34	21.23	21.5	0
20	QPSK	1	49	21.30	21.33	21.31		
20	QPSK	1	99	21.31	21.32	21.24		
20	QPSK	50	0	21.31	21.33	21.14	21.5	0
20	QPSK	50	24	21.30	21.31	21.22		
20	QPSK	50	50	21.32	21.30	21.18		
20	QPSK	100	0	21.27	21.29	21.18		
20	16QAM	1	0	21.17	21.17	21.11	21.5	0
20	16QAM	1	49	21.27	21.26	21.20		
20	16QAM	1	99	21.22	21.25	21.26		
20	16QAM	50	0	21.18	21.20	21.10	21.5	0
20	16QAM	50	24	21.32	21.31	21.22		
20	16QAM	50	50	21.33	21.31	21.20		
20	16QAM	100	0	21.29	21.26	21.16		
20	64QAM	1	0	21.18	21.15	21.13	21.5	0
20	64QAM	1	49	21.15	21.19	21.06		
20	64QAM	1	99	21.05	21.27	21.21		
20	64QAM	50	0	20.17	20.16	20.11	20.5	1
20	64QAM	50	24	20.34	20.31	20.20		
20	64QAM	50	50	20.34	20.32	20.18		
20	64QAM	100	0	20.29	20.26	20.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.21	21.24	21.20	21.5	0
15	QPSK	1	37	21.25	21.26	21.26		
15	QPSK	1	74	21.30	21.28	21.22		
15	QPSK	36	0	21.20	21.20	21.17	21.5	0
15	QPSK	36	20	21.33	21.32	21.22		
15	QPSK	36	39	21.32	21.33	21.18		
15	QPSK	75	0	21.32	21.29	21.20		
15	16QAM	1	0	21.19	21.18	21.14	21.5	0
15	16QAM	1	37	21.28	21.28	21.26		
15	16QAM	1	74	21.30	21.33	21.30		
15	16QAM	36	0	21.19	21.19	21.17	21.5	0
15	16QAM	36	20	21.33	21.29	21.20		
15	16QAM	36	39	21.29	21.30	21.19		
15	16QAM	75	0	21.31	21.31	21.16		
15	64QAM	1	0	21.07	21.00	20.95	21.5	0
15	64QAM	1	37	21.12	21.16	21.14		
15	64QAM	1	74	21.13	21.27	21.20		
15	64QAM	36	0	20.21	20.19	20.18	20.5	1
15	64QAM	36	20	20.33	20.31	20.22		
15	64QAM	36	39	20.33	20.31	20.20		
15	64QAM	75	0	20.27	20.29	20.19		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.17	21.16	21.12	21.5	0
10	QPSK	1	25	21.24	21.24	21.17		
10	QPSK	1	49	21.22	21.24	21.19		
10	QPSK	25	0	21.24	21.20	21.26	21.5	0
10	QPSK	25	12	21.33	21.32	21.28		
10	QPSK	25	25	21.33	21.29	21.25		
10	QPSK	50	0	21.32	21.29	21.26		
10	16QAM	1	0	21.29	21.27	21.26	21.5	0
10	16QAM	1	25	21.26	21.31	21.23		
10	16QAM	1	49	21.31	21.25	21.25		
10	16QAM	25	0	21.19	21.24	21.28	21.5	0
10	16QAM	25	12	21.32	21.25	21.32		
10	16QAM	25	25	21.29	21.31	21.27		
10	16QAM	50	0	21.30	21.33	21.27		
10	64QAM	1	0	21.21	21.26	21.25	21.5	0
10	64QAM	1	25	21.27	21.29	21.22		
10	64QAM	1	49	21.25	21.26	21.30		
10	64QAM	25	0	20.21	20.23	20.24	20.5	1
10	64QAM	25	12	20.35	20.37	20.29		
10	64QAM	25	25	20.29	20.32	20.26		
10	64QAM	50	0	20.29	20.29	20.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.22	21.21	21.13	21.5	0
5	QPSK	1	12	21.23	21.22	21.13		
5	QPSK	1	24	21.26	21.25	21.14		
5	QPSK	12	0	21.23	21.21	21.15	21.5	0
5	QPSK	12	7	21.30	21.28	21.23		
5	QPSK	12	13	21.28	21.28	21.18		
5	QPSK	25	0	21.25	21.24	21.19		
5	16QAM	1	0	21.15	21.12	21.08	21.5	0
5	16QAM	1	12	21.18	21.29	21.19		
5	16QAM	1	24	21.19	21.28	21.07		
5	16QAM	12	0	21.25	21.19	21.22	21.5	0
5	16QAM	12	7	21.32	21.33	21.23		
5	16QAM	12	13	21.26	21.29	21.22		
5	16QAM	25	0	21.25	21.30	21.24		
5	64QAM	1	0	21.24	21.33	21.26	21.5	0
5	64QAM	1	12	21.32	21.25	21.25		
5	64QAM	1	24	21.26	21.27	21.29		
5	64QAM	12	0	20.25	20.18	20.21	20.5	1
5	64QAM	12	7	20.28	20.32	20.24		
5	64QAM	12	13	20.23	20.29	20.22		
5	64QAM	25	0	20.27	20.32	20.22		

Band 66 Ant4_DSI1&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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.55	18.58	18.43	19	0
20	QPSK	1	49	18.47	18.41	18.36		
20	QPSK	1	99	18.37	18.33	18.31		
20	QPSK	50	0	18.55	18.57	18.45	19	0
20	QPSK	50	24	18.44	18.46	18.38		
20	QPSK	50	50	18.54	18.45	18.40		
20	QPSK	100	0	18.52	18.55	18.34		
20	16QAM	1	0	18.41	18.49	18.50	19	0
20	16QAM	1	49	18.51	18.49	18.49		
20	16QAM	1	99	18.46	18.48	18.51		
20	16QAM	50	0	18.35	18.30	18.23	19	0
20	16QAM	50	24	18.42	18.27	18.22		
20	16QAM	50	50	18.33	18.27	18.20		
20	16QAM	100	0	18.36	18.25	18.18		
20	64QAM	1	0	18.52	18.25	18.24	19	0
20	64QAM	1	49	18.44	18.52	18.50		
20	64QAM	1	99	18.36	18.47	18.53		
20	64QAM	50	0	18.33	18.29	18.20	19	0
20	64QAM	50	24	18.46	18.28	18.20		
20	64QAM	50	50	18.33	18.26	18.18		
20	64QAM	100	0	18.37	18.25	18.17		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.46	18.37	18.38	19	0
15	QPSK	1	37	18.49	18.41	18.29		
15	QPSK	1	74	18.39	18.29	18.20		
15	QPSK	36	0	18.35	18.28	18.19	19	0
15	QPSK	36	20	18.40	18.36	18.25		
15	QPSK	36	39	18.34	18.28	18.18		
15	QPSK	75	0	18.39	18.24	18.23		
15	16QAM	1	0	18.57	18.47	18.48	19	0
15	16QAM	1	37	18.50	18.53	18.50		
15	16QAM	1	74	18.47	18.52	18.54		
15	16QAM	36	0	18.52	18.47	18.39	19	0
15	16QAM	36	20	18.45	18.54	18.50		
15	16QAM	36	39	18.55	18.48	18.40		
15	16QAM	75	0	18.56	18.42	18.43		
15	64QAM	1	0	18.48	18.47	18.49	19	0
15	64QAM	1	37	18.36	18.51	18.29		
15	64QAM	1	74	18.22	18.50	18.28		
15	64QAM	36	0	18.53	18.48	18.40	19	0
15	64QAM	36	20	18.52	18.56	18.48		
15	64QAM	36	39	18.54	18.48	18.37		
15	64QAM	75	0	18.57	18.44	18.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.49	18.41	18.25	19	0
10	QPSK	1	25	18.47	18.39	18.32		
10	QPSK	1	49	18.35	18.34	18.22		
10	QPSK	25	0	18.53	18.46	18.36	19	0
10	QPSK	25	12	18.57	18.46	18.41		
10	QPSK	25	25	18.54	18.50	18.40		
10	QPSK	50	0	18.42	18.42	18.45		
10	16QAM	1	0	18.56	18.45	18.57	19	0
10	16QAM	1	25	18.55	18.36	18.45		
10	16QAM	1	49	18.53	18.26	18.45		
10	16QAM	25	0	18.32	18.09	18.18	19	0
10	16QAM	25	12	18.40	18.07	18.28		
10	16QAM	25	25	18.34	18.08	18.19		
10	16QAM	50	0	18.38	18.06	18.25		
10	64QAM	1	0	18.48	18.34	18.47	19	0
10	64QAM	1	25	18.45	18.35	18.45		
10	64QAM	1	49	18.41	18.37	18.56		
10	64QAM	25	0	18.33	18.08	18.20	19	0
10	64QAM	25	12	18.41	18.07	18.30		
10	64QAM	25	25	18.32	18.08	18.16		
10	64QAM	50	0	18.36	18.03	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.53	18.37	18.22	19	0
5	QPSK	1	12	18.50	18.38	18.27		
5	QPSK	1	24	18.41	18.35	18.28		
5	QPSK	12	0	18.36	18.22	18.12	19	0
5	QPSK	12	7	18.41	18.36	18.24		
5	QPSK	12	13	18.31	18.26	18.15		
5	QPSK	25	0	18.32	18.15	18.17		
5	16QAM	1	0	18.54	18.44	18.31	19	0
5	16QAM	1	12	18.45	18.43	18.32		
5	16QAM	1	24	18.51	18.45	18.32		
5	16QAM	12	0	18.40	18.21	18.15	19	0
5	16QAM	12	7	18.41	18.33	18.24		
5	16QAM	12	13	18.33	18.28	18.16		
5	16QAM	25	0	18.37	18.26	18.20		
5	64QAM	1	0	18.42	18.41	18.32	19	0
5	64QAM	1	12	18.44	18.41	18.43		
5	64QAM	1	24	18.46	18.38	18.30		
5	64QAM	12	0	18.38	18.19	18.12	19	0
5	64QAM	12	7	18.40	18.31	18.25		
5	64QAM	12	13	18.31	18.25	18.18		
5	64QAM	25	0	18.35	18.23	18.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.56	18.40	18.29	19	0
3	QPSK	1	8	18.56	18.43	18.36		
3	QPSK	1	14	18.51	18.38	18.30		
3	QPSK	8	0	18.45	18.42	18.33	19	0
3	QPSK	8	4	18.51	18.50	18.43		
3	QPSK	8	7	18.55	18.47	18.41		
3	QPSK	15	0	18.48	18.49	18.31		
3	16QAM	1	0	18.40	18.25	18.21	19	0
3	16QAM	1	8	18.50	18.43	18.29		
3	16QAM	1	14	18.43	18.28	18.16		
3	16QAM	8	0	18.40	18.25	18.16	19	0
3	16QAM	8	4	18.48	18.39	18.29		
3	16QAM	8	7	18.37	18.29	18.21		
3	16QAM	15	0	18.43	18.34	18.19		
3	64QAM	1	0	18.50	18.39	18.33	19	0
3	64QAM	1	8	18.49	18.45	18.37		
3	64QAM	1	14	18.50	18.49	18.50		
3	64QAM	8	0	18.42	18.47	18.37	19	0
3	64QAM	8	4	18.40	18.47	18.45		
3	64QAM	8	7	18.41	18.50	18.42		
3	64QAM	15	0	18.42	18.51	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.42	18.34	18.26	19	0
1.4	QPSK	1	3	18.45	18.34	18.27		
1.4	QPSK	1	5	18.42	18.29	18.24		
1.4	QPSK	3	0	18.26	18.24	18.11		
1.4	QPSK	3	1	18.45	18.45	18.35		
1.4	QPSK	3	3	18.34	18.27	18.23		
1.4	QPSK	6	0	18.50	18.44	18.26	19	0
1.4	16QAM	1	0	18.54	18.40	18.30	19	0
1.4	16QAM	1	3	18.45	18.53	18.48		
1.4	16QAM	1	5	18.51	18.46	18.38		
1.4	16QAM	3	0	18.39	18.29	18.16		
1.4	16QAM	3	1	18.36	18.28	18.20		
1.4	16QAM	3	3	18.31	18.27	18.16		
1.4	16QAM	6	0	18.48	18.48	18.34	19	0
1.4	64QAM	1	0	18.42	18.44	18.41	19	0
1.4	64QAM	1	3	18.57	18.53	18.32		
1.4	64QAM	1	5	18.51	18.41	18.39		
1.4	64QAM	3	0	18.36	18.34	18.23		
1.4	64QAM	3	1	18.42	18.37	18.27		
1.4	64QAM	3	3	18.36	18.33	18.21		
1.4	64QAM	6	0	18.22	18.44	18.30	19	0

Band 38 Ant4_DSI1&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)				2580	2595	2610		
20	QPSK	1	0	16.75	16.89	16.76	17	0
20	QPSK	1	49	16.46	16.76	16.82		
20	QPSK	1	99	16.69	16.84	16.79		
20	QPSK	50	0	16.77	16.79	16.71	17	0
20	QPSK	50	24	16.60	16.61	16.63		
20	QPSK	50	50	16.60	16.64	16.68		
20	QPSK	100	0	16.64	16.76	16.75		
20	16QAM	1	0	16.71	16.72	16.54	17	0
20	16QAM	1	49	16.67	16.65	16.57		
20	16QAM	1	99	16.56	16.62	16.70		
20	16QAM	50	0	16.63	16.78	16.61	17	0
20	16QAM	50	24	16.86	16.79	16.68		
20	16QAM	50	50	16.68	16.77	16.67		
20	16QAM	100	0	16.75	16.74	16.71		
20	64QAM	1	0	16.38	16.49	16.30	17	0
20	64QAM	1	49	16.30	16.52	16.45		
20	64QAM	1	99	16.31	16.42	16.54		
20	64QAM	50	0	16.70	16.74	16.52	17	0
20	64QAM	50	24	16.59	16.79	16.55		
20	64QAM	50	50	16.66	16.70	16.61		
20	64QAM	100	0	16.80	16.86	16.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.60	16.67	16.66	17	0
15	QPSK	1	37	16.24	16.64	16.55		
15	QPSK	1	74	16.37	16.57	16.52		
15	QPSK	36	0	16.66	16.66	16.48	17	0
15	QPSK	36	20	16.39	16.52	16.40		
15	QPSK	36	39	16.40	16.36	16.48		
15	QPSK	75	0	16.37	16.51	16.64		
15	16QAM	1	0	16.42	16.45	16.32	17	0
15	16QAM	1	37	16.57	16.51	16.35		
15	16QAM	1	74	16.35	16.43	16.61		
15	16QAM	36	0	16.54	16.55	16.40	17	0
15	16QAM	36	20	16.68	16.58	16.47		
15	16QAM	36	39	16.59	16.53	16.52		
15	16QAM	75	0	16.53	16.56	16.43		
15	64QAM	1	0	16.13	16.39	15.98	17	0
15	64QAM	1	37	16.03	16.38	16.14		
15	64QAM	1	74	16.00	16.11	16.29		
15	64QAM	36	0	16.57	16.44	16.21	17	0
15	64QAM	36	20	16.28	16.62	16.34		
15	64QAM	36	39	16.57	16.46	16.33		
15	64QAM	75	0	16.61	16.55	16.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.51	16.58	16.56	17	0
10	QPSK	1	25	16.33	16.60	16.62		
10	QPSK	1	49	16.47	16.67	16.51		
10	QPSK	25	0	16.64	16.58	16.55	17	0
10	QPSK	25	12	16.30	16.43	16.35		
10	QPSK	25	25	16.52	16.36	16.58		
10	QPSK	50	0	16.44	16.47	16.64		
10	16QAM	1	0	16.57	16.44	16.43	17	0
10	16QAM	1	25	16.45	16.44	16.32		
10	16QAM	1	49	16.39	16.38	16.53		
10	16QAM	25	0	16.35	16.65	16.50	17	0
10	16QAM	25	12	16.69	16.58	16.55		
10	16QAM	25	25	16.47	16.51	16.56		
10	16QAM	50	0	16.62	16.47	16.47		
10	64QAM	1	0	16.07	16.34	16.03	17	0
10	64QAM	1	25	16.11	16.27	16.34		
10	64QAM	1	49	16.10	16.21	16.33		
10	64QAM	25	0	16.48	16.47	16.30	17	0
10	64QAM	25	12	16.38	16.68	16.38		
10	64QAM	25	25	16.45	16.48	16.43		
10	64QAM	50	0	16.66	16.77	16.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.48	16.66	16.61	17	0
5	QPSK	1	12	16.33	16.49	16.65		
5	QPSK	1	24	16.48	16.61	16.51		
5	QPSK	12	0	16.64	16.71	16.42	17	0
5	QPSK	12	7	16.43	16.41	16.40		
5	QPSK	12	13	16.41	16.48	16.52		
5	QPSK	25	0	16.36	16.46	16.46		
5	16QAM	1	0	16.45	16.54	16.31	17	0
5	16QAM	1	12	16.55	16.38	16.43		
5	16QAM	1	24	16.37	16.47	16.56		
5	16QAM	12	0	16.49	16.65	16.36	17	0
5	16QAM	12	7	16.71	16.48	16.37		
5	16QAM	12	13	16.47	16.49	16.53		
5	16QAM	25	0	16.50	16.58	16.55		
5	64QAM	1	0	16.08	16.34	16.16	17	0
5	64QAM	1	12	16.21	16.33	16.28		
5	64QAM	1	24	16.06	16.15	16.32		
5	64QAM	12	0	16.56	16.47	16.35	17	0
5	64QAM	12	7	16.45	16.52	16.43		
5	64QAM	12	13	16.46	16.52	16.35		
5	64QAM	25	0	16.68	16.55	16.32		

Band 38 Ant4_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.25	21.29	21.24	21.5	0
20	QPSK	1	49	21.25	21.23	21.16		
20	QPSK	1	99	21.24	21.24	21.19		
20	QPSK	50	0	21.21	21.26	21.18	21.5	0
20	QPSK	50	24	21.22	21.22	21.20		
20	QPSK	50	50	21.25	21.22	21.25		
20	QPSK	100	0	21.20	21.24	21.20		
20	16QAM	1	0	21.24	21.22	21.14	21.5	0
20	16QAM	1	49	21.25	21.21	21.23		
20	16QAM	1	99	21.22	21.21	21.17		
20	16QAM	50	0	21.14	21.26	21.18	21.5	0
20	16QAM	50	24	21.13	21.14	21.20		
20	16QAM	50	50	21.21	21.24	21.25		
20	16QAM	100	0	21.21	21.22	21.18		
20	64QAM	1	0	20.97	21.00	20.93	21.5	0
20	64QAM	1	49	21.01	20.98	20.99		
20	64QAM	1	99	20.92	20.96	21.01		
20	64QAM	50	0	20.36	20.28	20.24	20.5	1
20	64QAM	50	24	20.35	20.36	20.24		
20	64QAM	50	50	20.35	20.34	20.29		
20	64QAM	100	0	20.37	20.36	20.32		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.24	21.18	21.18	21.5	0
15	QPSK	1	37	21.23	21.26	21.16		
15	QPSK	1	74	21.26	21.26	21.17		
15	QPSK	36	0	21.28	21.26	21.18	21.5	0
15	QPSK	36	20	21.27	21.14	21.28		
15	QPSK	36	39	21.22	21.23	21.23		
15	QPSK	75	0	21.27	21.14	21.26		
15	16QAM	1	0	21.23	21.20	21.19	21.5	0
15	16QAM	1	37	21.24	21.22	21.15		
15	16QAM	1	74	21.25	21.23	21.18		
15	16QAM	36	0	21.21	21.20	21.12	21.5	0
15	16QAM	36	20	21.20	21.25	21.19		
15	16QAM	36	39	21.25	21.24	21.18		
15	16QAM	75	0	21.24	21.21	21.23		
15	64QAM	1	0	20.96	20.95	20.88	21.5	0
15	64QAM	1	37	20.99	20.99	20.98		
15	64QAM	1	74	20.99	20.90	20.94		
15	64QAM	36	0	20.34	20.34	20.26	20.5	1
15	64QAM	36	20	20.35	20.30	20.33		
15	64QAM	36	39	20.36	20.30	20.31		
15	64QAM	75	0	20.35	20.32	20.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.22	21.27	21.19	21.5	0
10	QPSK	1	25	21.20	21.20	21.24		
10	QPSK	1	49	21.25	21.22	21.25		
10	QPSK	25	0	21.17	21.16	21.09	21.5	0
10	QPSK	25	12	21.26	21.24	21.10		
10	QPSK	25	25	21.25	21.23	21.18		
10	QPSK	50	0	21.27	21.24	21.12		
10	16QAM	1	0	21.27	21.23	21.20	21.5	0
10	16QAM	1	25	21.24	21.26	21.20		
10	16QAM	1	49	21.23	21.21	21.20		
10	16QAM	25	0	21.24	21.24	21.21	21.5	0
10	16QAM	25	12	21.22	21.24	21.24		
10	16QAM	25	25	21.13	21.12	21.12		
10	16QAM	50	0	21.28	21.26	21.25		
10	64QAM	1	0	21.19	21.21	21.11	21.5	0
10	64QAM	1	25	21.19	21.21	21.22		
10	64QAM	1	49	21.19	21.19	21.19		
10	64QAM	25	0	20.32	20.29	20.24	20.5	1
10	64QAM	25	12	20.33	20.32	20.32		
10	64QAM	25	25	20.30	20.38	20.35		
10	64QAM	50	0	20.31	20.30	20.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.21	21.23	21.24	21.5	0
5	QPSK	1	12	21.27	21.24	21.22		
5	QPSK	1	24	21.24	21.26	21.20		
5	QPSK	12	0	21.27	21.23	21.12	21.5	0
5	QPSK	12	7	21.21	21.25	21.23		
5	QPSK	12	13	21.24	21.22	21.21		
5	QPSK	25	0	21.27	21.27	21.07		
5	16QAM	1	0	21.15	21.15	21.06	21.5	0
5	16QAM	1	12	21.23	21.24	21.14		
5	16QAM	1	24	21.18	21.17	21.11		
5	16QAM	12	0	21.24	21.16	21.13	21.5	0
5	16QAM	12	7	21.24	21.22	21.22		
5	16QAM	12	13	21.22	21.23	21.20		
5	16QAM	25	0	21.22	21.21	21.18		
5	64QAM	1	0	20.99	20.94	20.91	21.5	0
5	64QAM	1	12	20.99	20.98	21.03		
5	64QAM	1	24	21.00	20.96	20.95		
5	64QAM	12	0	20.34	20.26	20.22	20.5	1
5	64QAM	12	7	20.31	20.31	20.34		
5	64QAM	12	13	20.33	20.34	20.27		
5	64QAM	25	0	20.33	20.33	20.20		

Band 41 Ant4_DSI1&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	16.64	16.61	16.84	16.75	16.62	17	0
20	QPSK	1	49	16.73	16.51	16.49	16.60	16.59		
20	QPSK	1	99	16.59	16.63	16.57	16.57	16.52		
20	QPSK	50	0	16.64	16.71	16.82	16.70	16.59	17	0
20	QPSK	50	24	16.56	16.71	16.78	16.70	16.71		
20	QPSK	50	50	16.66	16.77	16.81	16.67	16.50		
20	QPSK	100	0	16.54	16.75	16.76	16.70	16.62		
20	16QAM	1	0	16.57	16.73	16.73	16.73	16.69	17	0
20	16QAM	1	49	16.73	16.82	16.81	16.67	16.62		
20	16QAM	1	99	16.53	16.59	16.68	16.64	16.64		
20	16QAM	50	0	16.65	16.61	16.80	16.81	16.70	17	0
20	16QAM	50	24	16.77	16.69	16.66	16.81	16.76		
20	16QAM	50	50	16.66	16.58	16.66	16.69	16.66		
20	16QAM	100	0	16.62	16.77	16.67	16.58	16.60		
20	64QAM	1	0	16.29	16.47	16.46	16.38	16.51	17	0
20	64QAM	1	49	16.26	16.47	16.41	16.63	16.51		
20	64QAM	1	99	16.29	16.36	16.38	16.62	16.37		
20	64QAM	50	0	16.68	16.58	16.68	16.57	16.60	17	0
20	64QAM	50	24	16.75	16.74	16.63	16.58	16.71		
20	64QAM	50	50	16.57	16.79	16.63	16.60	16.68		
20	64QAM	100	0	16.74	16.65	16.68	16.61	16.56		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.39	16.48	16.71	16.48	16.49	17.00	0
15	QPSK	1	37	16.59	16.35	16.26	16.41	16.47		
15	QPSK	1	74	16.35	16.39	16.46	16.48	16.35		
15	QPSK	36	0	16.35	16.50	16.62	16.60	16.34	17	0
15	QPSK	36	20	16.37	16.40	16.47	16.58	16.48		
15	QPSK	36	39	16.55	16.53	16.50	16.44	16.32		
15	QPSK	75	0	16.29	16.47	16.62	16.40	16.52		
15	16QAM	1	0	16.46	16.41	16.58	16.44	16.48	17	0
15	16QAM	1	37	16.63	16.52	16.71	16.58	16.39		
15	16QAM	1	74	16.36	16.40	16.47	16.45	16.55		
15	16QAM	36	0	16.56	16.45	16.62	16.70	16.60	17	0
15	16QAM	36	20	16.51	16.42	16.58	16.56	16.51		
15	16QAM	36	39	16.53	16.49	16.37	16.41	16.42		
15	16QAM	75	0	16.47	16.63	16.43	16.46	16.48		
15	64QAM	1	0	16.18	16.16	16.18	16.14	16.26	17	0
15	64QAM	1	37	16.05	16.37	16.16	16.35	16.38		
15	64QAM	1	74	16.04	16.09	16.27	16.46	16.12		
15	64QAM	36	0	16.44	16.44	16.50	16.41	16.37	17	0
15	64QAM	36	20	16.52	16.63	16.48	16.31	16.53		
15	64QAM	36	39	16.44	16.67	16.35	16.37	16.53		
15	64QAM	75	0	16.43	16.46	16.37	16.35	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.47	16.46	16.71	16.46	16.46	17.00	0
10	QPSK	1	25	16.44	16.28	16.26	16.47	16.35		
10	QPSK	1	49	16.50	16.31	16.31	16.36	16.22		
10	QPSK	25	0	16.37	16.60	16.62	16.44	16.40	17	0
10	QPSK	25	12	16.46	16.52	16.66	16.48	16.40		
10	QPSK	25	25	16.38	16.67	16.64	16.39	16.19		
10	QPSK	50	0	16.30	16.46	16.65	16.61	16.31		
10	16QAM	1	0	16.34	16.53	16.55	16.49	16.51	17	0
10	16QAM	1	25	16.45	16.54	16.68	16.45	16.52		
10	16QAM	1	49	16.33	16.51	16.60	16.40	16.34		
10	16QAM	25	0	16.54	16.31	16.72	16.54	16.41	17	0
10	16QAM	25	12	16.58	16.53	16.39	16.69	16.51		
10	16QAM	25	25	16.55	16.49	16.55	16.59	16.50		
10	16QAM	50	0	16.43	16.56	16.41	16.42	16.40		
10	64QAM	1	0	16.12	16.25	16.33	16.08	16.33	17	0
10	64QAM	1	25	16.13	16.24	16.24	16.49	16.24		
10	64QAM	1	49	16.05	16.27	16.14	16.42	16.21		
10	64QAM	25	0	16.55	16.46	16.53	16.39	16.46	17	0
10	64QAM	25	12	16.46	16.45	16.50	16.48	16.61		
10	64QAM	25	25	16.41	16.68	16.51	16.35	16.45		
10	64QAM	50	0	16.45	16.47	16.42	16.46	16.30		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.34	16.33	16.62	16.46	16.34	17.00	0
5	QPSK	1	12	16.65	16.20	16.27	16.49	16.36		
5	QPSK	1	24	16.40	16.46	16.45	16.46	16.27		
5	QPSK	12	0	16.43	16.45	16.61	16.60	16.43	17	0
5	QPSK	12	7	16.43	16.40	16.62	16.59	16.59		
5	QPSK	12	13	16.58	16.67	16.73	16.50	16.37		
5	QPSK	25	0	16.33	16.58	16.62	16.44	16.44		
5	16QAM	1	0	16.35	16.61	16.45	16.49	16.56	17	0
5	16QAM	1	12	16.49	16.50	16.60	16.58	16.51		
5	16QAM	1	24	16.28	16.49	16.40	16.39	16.50		
5	16QAM	12	0	16.39	16.29	16.58	16.61	16.51	17	0
5	16QAM	12	7	16.50	16.61	16.58	16.59	16.64		
5	16QAM	12	13	16.57	16.31	16.36	16.40	16.48		
5	16QAM	25	0	16.48	16.46	16.41	16.28	16.45		
5	64QAM	1	0	16.11	16.34	16.26	16.29	16.42	17	0
5	64QAM	1	12	16.02	16.28	16.24	16.46	16.20		
5	64QAM	1	24	16.08	16.11	16.09	16.50	16.17		
5	64QAM	12	0	16.38	16.45	16.38	16.46	16.49	17	0
5	64QAM	12	7	16.55	16.61	16.50	16.30	16.41		
5	64QAM	12	13	16.42	16.66	16.48	16.51	16.51		
5	64QAM	25	0	16.46	16.52	16.40	16.36	16.44		

Band 41 Ant4_DSI3

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	21.21	21.11	21.26	21.16	21.20	21.5	0
20	QPSK	1	49	21.11	21.19	21.24	21.22	21.08		
20	QPSK	1	99	21.13	21.15	21.23	21.23	21.06		
20	QPSK	50	0	21.13	21.12	21.23	21.13	21.15	21.5	0
20	QPSK	50	24	21.13	21.09	21.20	21.03	20.98		
20	QPSK	50	50	21.20	21.08	21.17	21.09	20.94		
20	QPSK	100	0	21.11	21.08	21.16	21.01	20.98		
20	16QAM	1	0	21.13	21.03	21.22	21.03	21.04	21.5	0
20	16QAM	1	49	21.21	21.04	21.17	21.02	20.94		
20	16QAM	1	99	21.20	21.02	21.17	21.09	20.88		
20	16QAM	50	0	21.12	21.05	21.15	21.00	21.02	21.5	0
20	16QAM	50	24	21.10	21.13	21.23	21.03	20.99		
20	16QAM	50	50	21.12	21.10	21.22	21.09	20.94		
20	16QAM	100	0	21.12	21.12	21.22	21.01	20.97		
20	64QAM	1	0	21.10	20.89	21.05	20.93	20.95	21.5	0
20	64QAM	1	49	21.12	20.93	21.07	20.92	20.83		
20	64QAM	1	99	21.11	20.90	21.04	20.95	20.75		
20	64QAM	50	0	20.40	20.14	20.24	20.13	20.11	20.5	1
20	64QAM	50	24	20.24	20.22	20.21	20.12	20.06		
20	64QAM	50	50	20.20	20.20	20.22	20.17	20.03		
20	64QAM	100	0	20.21	20.29	20.21	20.17	20.15		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.11	21.04	21.04	21.06	21.01	21.50	0
15	QPSK	1	37	21.20	21.05	21.01	21.04	20.93		
15	QPSK	1	74	21.25	21.09	21.10	21.12	21.00		
15	QPSK	36	0	21.12	21.00	20.94	21.03	20.99	21.5	0
15	QPSK	36	20	21.20	21.07	21.01	21.08	20.97		
15	QPSK	36	39	21.16	21.04	21.01	21.07	20.96		
15	QPSK	75	0	21.12	21.09	21.00	21.06	20.93		
15	16QAM	1	0	21.11	21.05	21.00	21.01	20.98	21.5	0
15	16QAM	1	37	21.24	21.00	20.97	21.01	20.87		
15	16QAM	1	74	21.25	21.11	21.11	21.14	20.96		
15	16QAM	36	0	21.12	20.97	20.94	21.00	20.93	21.5	0
15	16QAM	36	20	21.20	21.09	21.02	21.07	20.90		
15	16QAM	36	39	21.25	21.01	21.03	21.04	20.88		
15	16QAM	75	0	21.12	21.08	21.07	21.09	20.95		
15	64QAM	1	0	21.18	20.89	20.87	20.92	20.88	21.5	0
15	64QAM	1	37	21.13	20.90	20.89	20.92	20.81		
15	64QAM	1	74	21.14	21.01	20.98	21.05	20.82		
15	64QAM	36	0	20.20	20.15	20.10	20.15	20.13	20.5	1
15	64QAM	36	20	20.28	20.23	20.19	20.23	20.08		
15	64QAM	36	39	20.24	20.22	20.20	20.22	20.07		
15	64QAM	75	0	20.29	20.26	20.21	20.23	20.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.23	21.11	21.04	21.13	21.05	21.50	0
10	QPSK	1	25	21.20	21.15	21.07	21.16	21.01		
10	QPSK	1	49	21.25	21.15	21.12	21.18	21.00		
10	QPSK	25	0	21.15	21.07	20.98	21.04	20.99	21.5	0
10	QPSK	25	12	21.12	21.17	21.11	21.05	21.01		
10	QPSK	25	25	21.12	21.10	21.09	21.14	20.98		
10	QPSK	50	0	21.24	21.14	21.10	21.09	21.02		
10	16QAM	1	0	21.22	21.11	21.12	21.15	21.09	21.5	0
10	16QAM	1	25	21.13	21.16	21.13	21.18	21.05		
10	16QAM	1	49	21.13	21.12	21.09	21.10	20.96		
10	16QAM	25	0	21.24	21.05	21.00	21.03	21.02	21.5	0
10	16QAM	25	12	21.15	21.18	21.12	21.10	21.02		
10	16QAM	25	25	21.13	21.12	21.11	21.13	20.99		
10	16QAM	50	0	21.11	21.13	21.11	21.09	21.01		
10	64QAM	1	0	21.15	21.07	21.03	21.12	21.02	21.5	0
10	64QAM	1	25	21.12	21.16	21.07	21.17	20.96		
10	64QAM	1	49	21.14	21.11	21.15	21.14	20.96		
10	64QAM	25	0	20.27	20.15	20.10	20.15	20.13	20.5	1
10	64QAM	25	12	20.22	20.29	20.25	20.21	20.15		
10	64QAM	25	25	20.27	20.23	20.19	20.25	20.10		
10	64QAM	50	0	20.27	20.25	20.20	20.17	20.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.22	21.12	21.06	21.12	21.02	21.50	0
5	QPSK	1	12	21.12	21.17	21.06	21.09	20.99		
5	QPSK	1	24	21.20	21.11	21.07	21.08	20.96		
5	QPSK	12	0	21.12	21.02	20.96	21.01	20.93	21.5	0
5	QPSK	12	7	21.22	21.17	21.09	21.13	21.03		
5	QPSK	12	13	21.11	21.09	21.07	21.11	20.96		
5	QPSK	25	0	21.12	21.10	21.01	20.97	20.94		
5	16QAM	1	0	21.25	20.96	20.93	20.95	20.87	21.5	0
5	16QAM	1	12	21.12	21.04	21.00	21.03	20.89		
5	16QAM	1	24	21.13	20.98	20.95	21.08	20.83		
5	16QAM	12	0	21.17	21.00	20.94	20.98	20.89	21.5	0
5	16QAM	12	7	21.13	21.12	21.09	21.14	21.00		
5	16QAM	12	13	21.24	21.00	21.05	21.07	20.91		
5	16QAM	25	0	21.11	21.12	21.08	21.02	20.99		
5	64QAM	1	0	21.12	20.85	20.83	20.93	20.81	21.5	0
5	64QAM	1	12	21.21	21.01	20.95	20.97	20.84		
5	64QAM	1	24	21.20	20.93	20.88	20.99	20.77		
5	64QAM	12	0	20.27	20.14	20.06	20.14	20.04	20.5	1
5	64QAM	12	7	20.29	20.21	20.27	20.21	20.15		
5	64QAM	12	13	20.23	20.22	20.19	20.24	20.04		
5	64QAM	25	0	20.23	20.21	20.18	20.12	20.07		

GSM1900 Ant 5 DSI 1&5

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	28.47	28.32	28.42	29.50	19.47	19.32	19.42	20.50
GPRS 1 Tx slot	28.37	28.42	28.25	29.50	19.37	19.42	19.25	20.50
GPRS 2 Tx slots	24.74	24.75	24.82	25.50	18.74	18.75	18.82	19.50
GPRS 3 Tx slots	22.90	23.16	22.93	24.50	18.64	18.90	18.67	20.24
GPRS 4 Tx slots	21.27	21.18	21.02	22.50	18.27	18.18	18.02	19.50
EDGE 1 Tx slot	24.90	25.04	24.95	25.50	15.90	16.04	15.95	16.50
EDGE 2 Tx slots	21.77	21.61	21.62	22.50	15.77	15.61	15.62	16.50
EDGE 3 Tx slots	19.82	20.31	20.26	21.50	15.56	16.05	16.00	17.24
EDGE 4 Tx slots	19.02	19.18	19.14	20.50	16.02	16.18	16.14	17.50

WCDMA II Ant 5 DSI 1&5 / **WCDMA IV Ant 5 DSI 1**

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.67	18.67	18.72	19.50	18.77	18.74	18.74	19.50
3GPP Rel 99	RMC 12.2Kbps	18.77	18.78	18.76	19.50	18.85	18.95	18.88	19.50
3GPP Rel 6	HSDPA Subtest-1	17.55	17.82	17.68	18.50	18.14	18.20	18.19	18.50
3GPP Rel 6	HSDPA Subtest-2	17.54	17.72	17.62	18.50	18.15	18.13	17.98	18.50
3GPP Rel 6	HSDPA Subtest-3	16.95	17.13	17.31	18.00	17.59	17.55	17.57	18.00
3GPP Rel 6	HSDPA Subtest-4	17.07	17.32	17.07	18.00	17.69	17.75	17.56	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.63	17.69	17.74	18.50	18.22	18.16	18.08	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.45	17.81	17.77	18.50	18.17	18.19	18.03	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.07	17.21	17.24	18.00	17.65	17.74	17.65	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.05	17.14	17.25	18.00	17.76	17.56	17.59	18.00
3GPP Rel 6	HSUPA Subtest-1	17.63	17.80	17.50	18.50	17.84	17.82	17.93	18.50
3GPP Rel 6	HSUPA Subtest-2	15.86	15.92	15.95	16.50	16.15	16.15	16.08	16.50
3GPP Rel 6	HSUPA Subtest-3	16.80	16.64	16.65	17.50	16.97	17.09	16.94	17.50
3GPP Rel 6	HSUPA Subtest-4	15.90	15.90	15.95	16.50	15.70	15.72	15.83	16.50
3GPP Rel 6	HSUPA Subtest-5	17.25	17.01	17.00	18.50	17.74	17.85	17.67	18.50

WCDMA IV Ant 5 DSI 5

Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.86	16.68	16.72	17.50
3GPP Rel 99	RMC 12.2Kbps	16.87	16.86	16.88	17.50
3GPP Rel 6	HSDPA Subtest-1	16.19	16.21	16.27	16.50
3GPP Rel 6	HSDPA Subtest-2	16.15	16.07	15.94	16.50
3GPP Rel 6	HSDPA Subtest-3	15.54	15.64	15.66	16.00
3GPP Rel 6	HSDPA Subtest-4	15.68	15.84	15.65	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.27	16.17	16.00	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.11	16.08	16.03	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.70	15.73	15.71	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.78	15.67	15.69	16.00
3GPP Rel 6	HSUPA Subtest-1	15.73	15.88	15.98	16.50
3GPP Rel 6	HSUPA Subtest-2	14.24	14.09	14.10	14.50
3GPP Rel 6	HSUPA Subtest-3	14.94	15.07	15.02	15.50
3GPP Rel 6	HSUPA Subtest-4	13.72	13.61	13.75	14.50
3GPP Rel 6	HSUPA Subtest-5	15.71	15.96	15.60	16.50

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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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.73	16.91	16.66	17	0
20	QPSK	1	49	16.63	16.76	16.54		
20	QPSK	1	99	16.78	16.62	16.67		
20	QPSK	50	0	16.63	16.77	16.73	17	0
20	QPSK	50	24	16.73	16.72	16.75		
20	QPSK	50	50	16.62	16.73	16.66		
20	QPSK	100	0	16.75	16.76	16.58		
20	16QAM	1	0	16.81	16.80	16.78	17	0
20	16QAM	1	49	16.70	16.65	16.58		
20	16QAM	1	99	16.81	16.85	16.71		
20	16QAM	50	0	16.42	16.67	16.72	17	0
20	16QAM	50	24	16.58	16.59	16.89		
20	16QAM	50	50	16.82	16.58	16.62		
20	16QAM	100	0	16.64	16.62	16.66		
20	64QAM	1	0	16.89	16.70	16.75	17	0
20	64QAM	1	49	16.61	16.87	16.65		
20	64QAM	1	99	16.77	16.65	16.74		
20	64QAM	50	0	16.58	16.83	16.84	17	0
20	64QAM	50	24	16.85	16.73	16.70		
20	64QAM	50	50	16.57	16.57	16.48		
20	64QAM	100	0	16.87	16.83	16.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.50	16.73	16.47	17	0
15	QPSK	1	37	16.47	16.46	16.43		
15	QPSK	1	74	16.68	16.50	16.43		
15	QPSK	36	0	16.42	16.38	16.47	17	0
15	QPSK	36	20	16.64	16.54	16.61		
15	QPSK	36	39	16.37	16.56	16.55		
15	QPSK	75	0	16.52	16.43	16.50		
15	16QAM	1	0	16.62	16.59	16.69	17	0
15	16QAM	1	37	16.44	16.56	16.31		
15	16QAM	1	74	16.72	16.53	16.51		
15	16QAM	36	0	16.29	16.43	16.50	17	0
15	16QAM	36	20	16.47	16.37	16.63		
15	16QAM	36	39	16.60	16.31	16.49		
15	16QAM	75	0	16.53	16.35	16.48		
15	64QAM	1	0	16.63	16.39	16.48	17	0
15	64QAM	1	37	16.49	16.69	16.51		
15	64QAM	1	74	16.52	16.47	16.59		
15	64QAM	36	0	16.35	16.59	16.55	17	0
15	64QAM	36	20	16.59	16.48	16.45		
15	64QAM	36	39	16.26	16.27	16.35		
15	64QAM	75	0	16.67	16.55	16.28		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.47	16.61	16.50	17	0
10	QPSK	1	25	16.52	16.53	16.23		
10	QPSK	1	49	16.54	16.44	16.54		
10	QPSK	25	0	16.47	16.45	16.46	17	0
10	QPSK	25	12	16.43	16.54	16.67		
10	QPSK	25	25	16.35	16.56	16.48		
10	QPSK	50	0	16.51	16.43	16.30		
10	16QAM	1	0	16.64	16.68	16.54	17	0
10	16QAM	1	25	16.46	16.50	16.41		
10	16QAM	1	49	16.59	16.73	16.50		
10	16QAM	25	0	16.28	16.45	16.50	17	0
10	16QAM	25	12	16.42	16.51	16.65		
10	16QAM	25	25	16.66	16.32	16.37		
10	16QAM	50	0	16.41	16.49	16.42		
10	64QAM	1	0	16.68	16.60	16.45	17	0
10	64QAM	1	25	16.49	16.67	16.45		
10	64QAM	1	49	16.67	16.44	16.66		
10	64QAM	25	0	16.45	16.70	16.65	17	0
10	64QAM	25	12	16.53	16.58	16.55		
10	64QAM	25	25	16.39	16.29	16.31		
10	64QAM	50	0	16.76	16.54	16.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.42	16.74	16.43	17	0
5	QPSK	1	12	16.53	16.53	16.31		
5	QPSK	1	24	16.56	16.38	16.48		
5	QPSK	12	0	16.47	16.48	16.49	17	0
5	QPSK	12	7	16.50	16.53	16.46		
5	QPSK	12	13	16.36	16.51	16.40		
5	QPSK	25	0	16.56	16.32	16.50		
5	16QAM	1	0	16.66	16.72	16.48	17	0
5	16QAM	1	12	16.52	16.45	16.44		
5	16QAM	1	24	16.61	16.69	16.58		
5	16QAM	12	0	16.21	16.47	16.41	17	0
5	16QAM	12	7	16.26	16.31	16.71		
5	16QAM	12	13	16.54	16.47	16.39		
5	16QAM	25	0	16.52	16.46	16.35		
5	64QAM	1	0	16.58	16.59	16.49	17	0
5	64QAM	1	12	16.46	16.72	16.44		
5	64QAM	1	24	16.61	16.49	16.44		
5	64QAM	12	0	16.42	16.65	16.61	17	0
5	64QAM	12	7	16.56	16.47	16.50		
5	64QAM	12	13	16.37	16.37	16.39		
5	64QAM	25	0	16.64	16.67	16.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.63	16.63	16.35	17	0
3	QPSK	1	8	16.48	16.46	16.25		
3	QPSK	1	14	16.48	16.34	16.45		
3	QPSK	8	0	16.37	16.40	16.61	17	0
3	QPSK	8	4	16.47	16.47	16.60		
3	QPSK	8	7	16.34	16.63	16.52		
3	QPSK	15	0	16.45	16.42	16.47		
3	16QAM	1	0	16.69	16.57	16.58	17	0
3	16QAM	1	8	16.55	16.55	16.48		
3	16QAM	1	14	16.49	16.67	16.46		
3	16QAM	8	0	16.34	16.57	16.49	17	0
3	16QAM	8	4	16.42	16.28	16.74		
3	16QAM	8	7	16.66	16.36	16.40		
3	16QAM	15	0	16.33	16.40	16.56		
3	64QAM	1	0	16.60	16.38	16.50	17	0
3	64QAM	1	8	16.35	16.59	16.51		
3	64QAM	1	14	16.66	16.34	16.54		
3	64QAM	8	0	16.33	16.61	16.68	17	0
3	64QAM	8	4	16.64	16.57	16.42		
3	64QAM	8	7	16.25	16.27	16.19		
3	64QAM	15	0	16.77	16.72	16.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.53	16.74	16.49	17	0
1.4	QPSK	1	3	16.37	16.67	16.39		
1.4	QPSK	1	5	16.69	16.48	16.39		
1.4	QPSK	3	0	16.37	16.49	16.53		
1.4	QPSK	3	1	16.57	16.52	16.55		
1.4	QPSK	3	3	16.39	16.55	16.57		
1.4	QPSK	6	0	16.52	16.47	16.43	17	0
1.4	16QAM	1	0	16.51	16.50	16.58	17	0
1.4	16QAM	1	3	16.41	16.34	16.45		
1.4	16QAM	1	5	16.60	16.58	16.52		
1.4	16QAM	3	0	16.23	16.45	16.47		
1.4	16QAM	3	1	16.31	16.43	16.71		
1.4	16QAM	3	3	16.54	16.47	16.38		
1.4	16QAM	6	0	16.54	16.43	16.45	17	0
1.4	64QAM	1	0	16.61	16.38	16.58	17	0
1.4	64QAM	1	3	16.51	16.58	16.51		
1.4	64QAM	1	5	16.66	16.33	16.44		
1.4	64QAM	3	0	16.48	16.51	16.64		
1.4	64QAM	3	1	16.69	16.53	16.57		
1.4	64QAM	3	3	16.25	16.28	16.28		
1.4	64QAM	6	0	16.67	16.69	16.38	17	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.23	18.27	18.20	18.5	0
20	QPSK	1	49	18.19	18.23	18.24		
20	QPSK	1	99	17.96	18.25	18.21		
20	QPSK	50	0	18.14	18.23	18.21	18.5	0
20	QPSK	50	24	18.17	18.10	18.06		
20	QPSK	50	50	18.05	18.07	18.17		
20	QPSK	100	0	18.18	18.19	17.93		
20	16QAM	1	0	18.15	17.99	18.09	18.5	0
20	16QAM	1	49	18.16	18.22	18.04		
20	16QAM	1	99	18.25	18.18	18.12		
20	16QAM	50	0	18.14	18.09	17.97	18.5	0
20	16QAM	50	24	18.24	18.15	18.13		
20	16QAM	50	50	18.19	18.14	18.20		
20	16QAM	100	0	18.23	18.12	18.02		
20	64QAM	1	0	18.16	18.11	18.16	18.5	0
20	64QAM	1	49	18.25	18.00	18.12		
20	64QAM	1	99	18.06	18.21	18.18		
20	64QAM	50	0	18.18	18.20	18.17	18.5	0
20	64QAM	50	24	18.15	18.14	18.14		
20	64QAM	50	50	18.17	17.98	18.11		
20	64QAM	100	0	18.15	18.02	18.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.23	18.24	18.18	18.5	0
15	QPSK	1	37	18.21	18.12	18.08		
15	QPSK	1	74	18.19	18.09	17.98		
15	QPSK	36	0	18.07	18.10	18.07	18.5	0
15	QPSK	36	20	18.23	18.12	18.12		
15	QPSK	36	39	18.24	18.10	18.05		
15	QPSK	75	0	18.21	18.13	18.12		
15	16QAM	1	0	18.14	18.18	18.07	18.5	0
15	16QAM	1	37	18.16	18.14	18.12		
15	16QAM	1	74	18.22	18.16	18.22		
15	16QAM	36	0	18.15	18.12	18.09	18.5	0
15	16QAM	36	20	18.20	18.15	18.18		
15	16QAM	36	39	18.14	18.20	18.15		
15	16QAM	75	0	18.15	18.08	18.05		
15	64QAM	1	0	18.15	18.18	18.13	18.5	0
15	64QAM	1	37	18.24	18.07	18.23		
15	64QAM	1	74	18.22	18.15	18.11		
15	64QAM	36	0	18.02	18.15	18.06	18.5	0
15	64QAM	36	20	18.24	18.08	18.14		
15	64QAM	36	39	18.14	18.11	18.12		
15	64QAM	75	0	18.21	18.14	18.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.25	18.24	18.17	18.5	0
10	QPSK	1	25	18.13	18.22	18.14		
10	QPSK	1	49	18.20	18.22	18.18		
10	QPSK	25	0	18.11	18.18	18.11	18.5	0
10	QPSK	25	12	18.21	18.20	18.03		
10	QPSK	25	25	18.24	18.06	18.16		
10	QPSK	50	0	18.22	18.14	18.12		
10	16QAM	1	0	18.15	18.21	18.25	18.5	0
10	16QAM	1	25	18.19	18.20	18.11		
10	16QAM	1	49	18.22	18.07	18.18		
10	16QAM	25	0	18.18	18.20	18.16	18.5	0
10	16QAM	25	12	18.10	18.22	18.13		
10	16QAM	25	25	18.20	18.14	18.25		
10	16QAM	50	0	18.24	18.19	18.09		
10	64QAM	1	0	18.11	18.24	17.99	18.5	0
10	64QAM	1	25	18.03	18.14	18.18		
10	64QAM	1	49	18.21	18.06	18.19		
10	64QAM	25	0	18.17	18.19	18.23	18.5	0
10	64QAM	25	12	18.16	18.24	18.10		
10	64QAM	25	25	18.19	18.16	18.14		
10	64QAM	50	0	18.21	18.15	18.24		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.20	18.25	18.25	18.5	0
5	QPSK	1	12	18.24	18.14	18.23		
5	QPSK	1	24	18.15	18.21	18.18		
5	QPSK	12	0	18.15	18.18	17.98	18.5	0
5	QPSK	12	7	18.24	18.08	18.11		
5	QPSK	12	13	18.26	18.11	18.01		
5	QPSK	25	0	18.22	18.16	18.14		
5	16QAM	1	0	18.19	18.24	18.23	18.5	0
5	16QAM	1	12	18.17	18.07	18.19		
5	16QAM	1	24	18.22	18.16	18.18		
5	16QAM	12	0	18.26	18.10	18.25	18.5	0
5	16QAM	12	7	18.26	18.16	18.19		
5	16QAM	12	13	18.17	18.24	18.17		
5	16QAM	25	0	18.22	18.08	18.12		
5	64QAM	1	0	18.18	18.15	18.21	18.5	0
5	64QAM	1	12	18.19	18.23	18.24		
5	64QAM	1	24	18.21	18.18	18.20		
5	64QAM	12	0	18.25	18.23	18.19	18.5	0
5	64QAM	12	7	18.14	18.26	18.20		
5	64QAM	12	13	18.19	18.23	18.10		
5	64QAM	25	0	18.25	18.25	18.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.68	12.85	12.62	13	0
20	QPSK	1	49	12.66	12.56	12.64		
20	QPSK	1	99	12.48	12.66	12.63		
20	QPSK	50	0	12.62	12.63	12.61	13	0
20	QPSK	50	24	12.59	12.55	12.61		
20	QPSK	50	50	12.58	12.59	12.27		
20	QPSK	100	0	12.61	12.74	12.52		
20	16QAM	1	0	12.51	12.69	12.65	13	0
20	16QAM	1	49	12.64	12.69	12.66		
20	16QAM	1	99	12.67	12.55	12.65		
20	16QAM	50	0	12.51	12.65	12.66	13	0
20	16QAM	50	24	12.63	12.64	12.64		
20	16QAM	50	50	12.65	12.71	12.63		
20	16QAM	100	0	12.66	12.61	12.52		
20	64QAM	1	0	12.65	12.67	12.62	13	0
20	64QAM	1	49	12.66	12.71	12.68		
20	64QAM	1	99	12.62	12.62	12.51		
20	64QAM	50	0	12.62	12.68	12.59	13	0
20	64QAM	50	24	12.56	12.62	12.64		
20	64QAM	50	50	12.66	12.65	12.68		
20	64QAM	100	0	12.30	12.59	12.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.60	12.66	12.49	13	0
15	QPSK	1	37	12.55	12.40	12.40		
15	QPSK	1	74	12.24	12.52	12.43		
15	QPSK	36	0	12.50	12.40	12.52	13	0
15	QPSK	36	20	12.61	12.33	12.61		
15	QPSK	36	39	12.52	12.42	12.44		
15	QPSK	75	0	12.66	12.43	12.25		
15	16QAM	1	0	12.43	12.42	12.67	13	0
15	16QAM	1	37	12.50	12.51	12.59		
15	16QAM	1	74	12.35	12.45	12.67		
15	16QAM	36	0	12.28	12.46	12.42	13	0
15	16QAM	36	20	12.66	12.51	12.39		
15	16QAM	36	39	12.43	12.52	12.49		
15	16QAM	75	0	12.46	12.57	12.35		
15	64QAM	1	0	12.39	12.49	12.54	13	0
15	64QAM	1	37	12.57	12.48	12.63		
15	64QAM	1	74	12.32	12.57	12.37		
15	64QAM	36	0	12.47	12.58	12.39	13	0
15	64QAM	36	20	12.47	12.51	12.56		
15	64QAM	36	39	12.38	12.62	12.42		
15	64QAM	75	0	12.53	12.50	12.32		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.56	12.65	12.39	13	0
10	QPSK	1	25	12.44	12.44	12.43		
10	QPSK	1	49	12.26	12.51	12.40		
10	QPSK	25	0	12.50	12.43	12.52	13	0
10	QPSK	25	12	12.42	12.30	12.52		
10	QPSK	25	25	12.43	12.43	12.38		
10	QPSK	50	0	12.64	12.30	12.35		
10	16QAM	1	0	12.29	12.54	12.61	13	0
10	16QAM	1	25	12.42	12.56	12.52		
10	16QAM	1	49	12.48	12.31	12.44		
10	16QAM	25	0	12.23	12.48	12.38	13	0
10	16QAM	25	12	12.67	12.60	12.55		
10	16QAM	25	25	12.51	12.49	12.46		
10	16QAM	50	0	12.43	12.59	12.33		
10	64QAM	1	0	12.44	12.49	12.51	13	0
10	64QAM	1	25	12.71	12.50	12.71		
10	64QAM	1	49	12.43	12.64	12.34		
10	64QAM	25	0	12.70	12.41	12.28	13	0
10	64QAM	25	12	12.31	12.46	12.59		
10	64QAM	25	25	12.51	12.51	12.49		
10	64QAM	50	0	12.56	12.33	12.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.57	12.63	12.49	13	0
5	QPSK	1	12	12.57	12.38	12.41		
5	QPSK	1	24	12.16	12.35	12.42		
5	QPSK	12	0	12.57	12.48	12.35	13	0
5	QPSK	12	7	12.60	12.45	12.70		
5	QPSK	12	13	12.60	12.36	12.47		
5	QPSK	25	0	12.64	12.41	12.37		
5	16QAM	1	0	12.21	12.42	12.60	13	0
5	16QAM	1	12	12.37	12.46	12.68		
5	16QAM	1	24	12.44	12.42	12.56		
5	16QAM	12	0	12.42	12.42	12.46	13	0
5	16QAM	12	7	12.61	12.65	12.49		
5	16QAM	12	13	12.49	12.49	12.60		
5	16QAM	25	0	12.52	12.63	12.26		
5	64QAM	1	0	12.52	12.68	12.47	13	0
5	64QAM	1	12	12.66	12.56	12.63		
5	64QAM	1	24	12.39	12.64	12.34		
5	64QAM	12	0	12.60	12.49	12.40	13	0
5	64QAM	12	7	12.43	12.43	12.67		
5	64QAM	12	13	12.37	12.50	12.48		
5	64QAM	25	0	12.67	12.43	12.48		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.63	15.64	15.65	17	0
20	QPSK	1	49	15.47	15.61	15.46		
20	QPSK	1	99	15.31	15.60	15.55		
20	QPSK	50	0	15.43	15.43	15.46	17	0
20	QPSK	50	24	15.38	15.42	15.44		
20	QPSK	50	50	15.42	15.43	15.42		
20	QPSK	100	0	15.42	15.41	15.43		
20	16QAM	1	0	15.46	15.43	15.39	17	0
20	16QAM	1	49	15.61	15.52	15.53		
20	16QAM	1	99	15.48	15.43	15.39		
20	16QAM	50	0	15.43	15.37	15.08	17	0
20	16QAM	50	24	15.49	15.39	15.23		
20	16QAM	50	50	15.41	15.09	15.04		
20	16QAM	100	0	15.55	15.35	15.14		
20	64QAM	1	0	15.57	15.28	15.24	17	0
20	64QAM	1	49	15.43	15.38	15.17		
20	64QAM	1	99	15.32	15.27	15.25		
20	64QAM	50	0	15.56	15.40	15.24	17	0
20	64QAM	50	24	15.52	15.36	15.27		
20	64QAM	50	50	15.54	15.23	15.15		
20	64QAM	100	0	15.39	15.21	15.36		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.49	15.63	15.52	17	0
15	QPSK	1	37	15.28	15.48	15.44		
15	QPSK	1	74	15.18	15.45	15.51		
15	QPSK	36	0	15.28	15.44	15.48	17	0
15	QPSK	36	20	15.37	15.42	15.28		
15	QPSK	36	39	15.47	15.43	15.24		
15	QPSK	75	0	15.30	15.45	15.37		
15	16QAM	1	0	15.43	15.23	15.37	17	0
15	16QAM	1	37	15.56	15.49	15.46		
15	16QAM	1	74	15.31	15.41	15.27		
15	16QAM	36	0	15.22	15.25	15.09	17	0
15	16QAM	36	20	15.50	15.22	15.19		
15	16QAM	36	39	15.33	15.04	15.08		
15	16QAM	75	0	15.38	15.16	15.04		
15	64QAM	1	0	15.43	15.18	15.07	17	0
15	64QAM	1	37	15.32	15.38	15.09		
15	64QAM	1	74	15.30	15.18	15.26		
15	64QAM	36	0	15.57	15.33	15.17	17	0
15	64QAM	36	20	15.49	15.28	15.18		
15	64QAM	36	39	15.54	15.09	15.16		
15	64QAM	75	0	15.35	15.09	15.36		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.59	15.51	15.57	17	0
10	QPSK	1	25	15.45	15.62	15.26		
10	QPSK	1	49	15.31	15.46	15.33		
10	QPSK	25	0	15.23	15.61	15.34	17	0
10	QPSK	25	12	15.54	15.21	15.32		
10	QPSK	25	25	15.32	15.46	15.24		
10	QPSK	50	0	15.31	15.34	15.35		
10	16QAM	1	0	15.29	15.29	15.33	17	0
10	16QAM	1	25	15.57	15.33	15.42		
10	16QAM	1	49	15.48	15.35	15.41		
10	16QAM	25	0	15.42	15.19	15.27	17	0
10	16QAM	25	12	15.40	15.30	15.25		
10	16QAM	25	25	15.39	15.00	15.26		
10	16QAM	50	0	15.39	15.21	15.11		
10	64QAM	1	0	15.47	15.29	15.16	17	0
10	64QAM	1	25	15.29	15.36	15.14		
10	64QAM	1	49	15.16	15.23	15.22		
10	64QAM	25	0	15.53	15.28	15.26	17	0
10	64QAM	25	12	15.33	15.25	15.12		
10	64QAM	25	25	15.45	15.12	15.13		
10	64QAM	50	0	15.26	15.16	15.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.64	15.54	15.45	17	0
5	QPSK	1	12	15.40	15.58	15.41		
5	QPSK	1	24	15.20	15.39	15.36		
5	QPSK	12	0	15.32	15.54	15.43	17	0
5	QPSK	12	7	15.54	15.37	15.23		
5	QPSK	12	13	15.49	15.35	15.40		
5	QPSK	25	0	15.37	15.46	15.23		
5	16QAM	1	0	15.29	15.32	15.35	17	0
5	16QAM	1	12	15.47	15.52	15.40		
5	16QAM	1	24	15.32	15.23	15.38		
5	16QAM	12	0	15.24	15.22	15.01	17	0
5	16QAM	12	7	15.35	15.23	15.20		
5	16QAM	12	13	15.43	15.06	15.24		
5	16QAM	25	0	15.57	15.22	15.15		
5	64QAM	1	0	15.44	15.19	15.22	17	0
5	64QAM	1	12	15.40	15.28	15.00		
5	64QAM	1	24	15.25	15.18	15.07		
5	64QAM	12	0	15.36	15.29	15.10	17	0
5	64QAM	12	7	15.35	15.29	15.21		
5	64QAM	12	13	15.39	15.15	15.08		
5	64QAM	25	0	15.38	15.20	15.17		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.42	15.60	15.57	17	0
3	QPSK	1	8	15.40	15.48	15.47		
3	QPSK	1	14	15.14	15.54	15.45		
3	QPSK	8	0	15.22	15.41	15.39	17	0
3	QPSK	8	4	15.40	15.40	15.35		
3	QPSK	8	7	15.44	15.49	15.24		
3	QPSK	15	0	15.42	15.50	15.24		
3	16QAM	1	0	15.30	15.23	15.36	17	0
3	16QAM	1	8	15.62	15.46	15.49		
3	16QAM	1	14	15.45	15.42	15.32		
3	16QAM	8	0	15.26	15.37	15.19	17	0
3	16QAM	8	4	15.45	15.26	15.04		
3	16QAM	8	7	15.33	15.24	15.19		
3	16QAM	15	0	15.43	15.21	15.09		
3	64QAM	1	0	15.51	15.23	15.09	17	0
3	64QAM	1	8	15.30	15.29	15.16		
3	64QAM	1	14	15.33	15.18	15.08		
3	64QAM	8	0	15.45	15.41	15.06	17	0
3	64QAM	8	4	15.33	15.23	15.16		
3	64QAM	8	7	15.43	15.20	15.02		
3	64QAM	15	0	15.18	15.00	15.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.53	15.62	15.58	17	0
1.4	QPSK	1	3	15.46	15.63	15.34		
1.4	QPSK	1	5	15.22	15.38	15.50		
1.4	QPSK	3	0	15.42	15.50	15.31		
1.4	QPSK	3	1	15.49	15.32	15.37		
1.4	QPSK	3	3	15.39	15.34	15.29		
1.4	QPSK	6	0	15.46	15.34	15.34	17	0
1.4	16QAM	1	0	15.26	15.30	15.29	17	0
1.4	16QAM	1	3	15.50	15.39	15.35		
1.4	16QAM	1	5	15.46	15.44	15.22		
1.4	16QAM	3	0	15.28	15.22	15.17		
1.4	16QAM	3	1	15.48	15.34	15.22		
1.4	16QAM	3	3	15.37	15.06	15.27		
1.4	16QAM	6	0	15.45	15.28	15.05	17	0
1.4	64QAM	1	0	15.39	15.18	15.12	17	0
1.4	64QAM	1	3	15.27	15.27	15.17		
1.4	64QAM	1	5	15.27	15.22	15.06		
1.4	64QAM	3	0	15.45	15.30	15.21		
1.4	64QAM	3	1	15.35	15.32	15.28		
1.4	64QAM	3	3	15.52	15.20	15.13		
1.4	64QAM	6	0	15.30	15.11	15.24	17	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.17	20.34	20.08	20.5	0
20	QPSK	1	49	20.09	20.32	20.05		
20	QPSK	1	99	20.06	20.29	19.99		
20	QPSK	50	0	20.16	20.33	20.22	20.5	0
20	QPSK	50	24	20.24	20.19	20.17		
20	QPSK	50	50	20.31	20.22	20.12		
20	QPSK	100	0	20.17	20.20	20.18		
20	16QAM	1	0	20.27	20.26	20.11	20.5	0
20	16QAM	1	49	20.22	20.07	20.16		
20	16QAM	1	99	20.09	19.99	20.16		
20	16QAM	50	0	20.26	20.11	20.29	20.5	0
20	16QAM	50	24	20.20	20.24	20.20		
20	16QAM	50	50	20.24	20.22	20.17		
20	16QAM	100	0	20.26	20.25	20.27		
20	64QAM	1	0	20.15	20.02	20.26	20.5	0
20	64QAM	1	49	20.22	20.15	20.28		
20	64QAM	1	99	20.19	20.10	20.13		
20	64QAM	50	0	20.28	20.31	20.29	20.5	0
20	64QAM	50	24	20.21	20.16	20.24		
20	64QAM	50	50	20.28	20.19	20.30		
20	64QAM	100	0	20.14	20.17	20.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.23	20.30	20.24	20.5	0
15	QPSK	1	37	20.26	20.30	20.23		
15	QPSK	1	74	20.21	20.21	20.25		
15	QPSK	36	0	20.30	20.31	20.31	20.5	0
15	QPSK	36	20	20.28	20.19	20.29		
15	QPSK	36	39	20.29	20.21	20.21		
15	QPSK	75	0	20.29	20.18	20.26		
15	16QAM	1	0	20.24	20.26	20.22	20.5	0
15	16QAM	1	37	20.18	20.13	20.19		
15	16QAM	1	74	20.11	20.31	20.13		
15	16QAM	36	0	20.17	20.18	20.27	20.5	0
15	16QAM	36	20	20.17	20.23	20.19		
15	16QAM	36	39	20.15	20.28	20.15		
15	16QAM	75	0	20.31	20.27	20.31		
15	64QAM	1	0	20.20	20.27	20.21	20.5	0
15	64QAM	1	37	20.23	20.27	20.20		
15	64QAM	1	74	20.18	20.18	20.22		
15	64QAM	36	0	20.27	20.28	20.28	20.5	0
15	64QAM	36	20	20.25	20.16	20.11		
15	64QAM	36	39	20.26	20.18	20.03		
15	64QAM	75	0	20.26	20.15	20.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.17	20.20	20.09	20.5	0
10	QPSK	1	25	20.18	20.21	20.18		
10	QPSK	1	49	20.31	20.23	20.14		
10	QPSK	25	0	20.22	20.16	20.16	20.5	0
10	QPSK	25	12	20.19	20.17	20.28		
10	QPSK	25	25	20.10	20.13	20.27		
10	QPSK	50	0	20.16	20.21	20.27		
10	16QAM	1	0	20.16	20.21	20.19	20.5	0
10	16QAM	1	25	20.23	20.24	20.30		
10	16QAM	1	49	20.33	20.26	20.21		
10	16QAM	25	0	20.21	20.29	20.22	20.5	0
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.12	20.23	20.09		
10	16QAM	50	0	20.19	20.28	20.20		
10	64QAM	1	0	20.14	20.17	20.06	20.5	0
10	64QAM	1	25	20.15	20.18	20.15		
10	64QAM	1	49	20.28	20.20	20.11		
10	64QAM	25	0	20.19	20.28	20.13	20.5	0
10	64QAM	25	12	20.31	20.29	20.25		
10	64QAM	25	25	20.22	20.25	20.24		
10	64QAM	50	0	20.28	20.33	20.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.33	20.18	20.23	20.5	0
5	QPSK	1	12	20.09	20.20	20.15		
5	QPSK	1	24	20.26	20.08	20.25		
5	QPSK	12	0	20.31	20.23	20.19	20.5	0
5	QPSK	12	7	20.31	20.21	20.21		
5	QPSK	12	13	20.24	20.25	20.14		
5	QPSK	25	0	20.19	20.28	20.24		
5	16QAM	1	0	20.27	20.20	19.97	20.5	0
5	16QAM	1	12	20.26	20.22	20.30		
5	16QAM	1	24	20.08	20.13	19.96		
5	16QAM	12	0	20.22	20.17	20.12	20.5	0
5	16QAM	12	7	20.20	20.24	20.13		
5	16QAM	12	13	20.33	20.10	20.07		
5	16QAM	25	0	20.31	20.25	20.21		
5	64QAM	1	0	20.30	20.15	20.20	20.5	0
5	64QAM	1	12	20.21	20.32	20.27		
5	64QAM	1	24	20.23	20.05	20.22		
5	64QAM	12	0	20.28	20.20	20.16	20.5	0
5	64QAM	12	7	20.28	20.18	20.18		
5	64QAM	12	13	20.21	20.22	20.26		
5	64QAM	25	0	20.31	20.10	20.21		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.81	15.94	15.78	16	0
20	QPSK	1	49	15.73	15.77	15.67		
20	QPSK	1	99	15.81	15.81	15.70		
20	QPSK	50	0	15.77	15.80	15.70	16	0
20	QPSK	50	24	15.63	15.63	15.53		
20	QPSK	50	50	15.70	15.60	15.54		
20	QPSK	100	0	15.68	15.69	15.68		
20	16QAM	1	0	15.87	15.89	15.78	16	0
20	16QAM	1	49	15.72	15.70	15.75		
20	16QAM	1	99	15.75	15.67	15.59		
20	16QAM	50	0	15.69	15.89	15.87	16	0
20	16QAM	50	24	15.74	15.79	15.91		
20	16QAM	50	50	15.83	15.81	15.71		
20	16QAM	100	0	15.85	15.88	15.64		
20	64QAM	1	0	15.77	15.66	15.58	16	0
20	64QAM	1	49	15.78	15.86	15.88		
20	64QAM	1	99	15.74	15.76	15.80		
20	64QAM	50	0	15.93	15.63	15.58	16	0
20	64QAM	50	24	15.88	15.69	15.57		
20	64QAM	50	50	15.81	15.71	15.74		
20	64QAM	100	0	15.81	15.86	15.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.64	15.81	15.56	16	0
15	QPSK	1	37	15.64	15.52	15.42		
15	QPSK	1	74	15.56	15.50	15.60		
15	QPSK	36	0	15.66	15.57	15.55	16	0
15	QPSK	36	20	15.52	15.34	15.37		
15	QPSK	36	39	15.40	15.29	15.27		
15	QPSK	75	0	15.55	15.41	15.51		
15	16QAM	1	0	15.65	15.69	15.61	16	0
15	16QAM	1	37	15.43	15.43	15.48		
15	16QAM	1	74	15.48	15.46	15.35		
15	16QAM	36	0	15.59	15.66	15.56	16	0
15	16QAM	36	20	15.51	15.49	15.76		
15	16QAM	36	39	15.67	15.67	15.41		
15	16QAM	75	0	15.73	15.75	15.50		
15	64QAM	1	0	15.65	15.45	15.46	16	0
15	64QAM	1	37	15.47	15.55	15.71		
15	64QAM	1	74	15.50	15.65	15.55		
15	64QAM	36	0	15.74	15.37	15.31	16	0
15	64QAM	36	20	15.66	15.52	15.29		
15	64QAM	36	39	15.50	15.45	15.53		
15	64QAM	75	0	15.67	15.70	15.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.62	15.73	15.69	16	0
10	QPSK	1	25	15.60	15.45	15.46		
10	QPSK	1	49	15.54	15.57	15.55		
10	QPSK	25	0	15.66	15.66	15.51	16	0
10	QPSK	25	12	15.51	15.52	15.31		
10	QPSK	25	25	15.42	15.34	15.29		
10	QPSK	50	0	15.37	15.42	15.42		
10	16QAM	1	0	15.79	15.60	15.53	16	0
10	16QAM	1	25	15.56	15.45	15.56		
10	16QAM	1	49	15.51	15.53	15.32		
10	16QAM	25	0	15.44	15.76	15.71	16	0
10	16QAM	25	12	15.54	15.58	15.63		
10	16QAM	25	25	15.63	15.68	15.51		
10	16QAM	50	0	15.62	15.71	15.55		
10	64QAM	1	0	15.59	15.52	15.34	16	0
10	64QAM	1	25	15.59	15.74	15.71		
10	64QAM	1	49	15.52	15.47	15.70		
10	64QAM	25	0	15.84	15.46	15.42	16	0
10	64QAM	25	12	15.77	15.46	15.39		
10	64QAM	25	25	15.65	15.57	15.51		
10	64QAM	50	0	15.55	15.59	15.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.67	15.72	15.65	16	0
5	QPSK	1	12	15.47	15.51	15.58		
5	QPSK	1	24	15.55	15.63	15.42		
5	QPSK	12	0	15.50	15.71	15.61	16	0
5	QPSK	12	7	15.55	15.47	15.32		
5	QPSK	12	13	15.61	15.38	15.41		
5	QPSK	25	0	15.46	15.42	15.55		
5	16QAM	1	0	15.67	15.77	15.62	16	0
5	16QAM	1	12	15.59	15.53	15.50		
5	16QAM	1	24	15.64	15.38	15.50		
5	16QAM	12	0	15.60	15.77	15.57	16	0
5	16QAM	12	7	15.53	15.62	15.82		
5	16QAM	12	13	15.72	15.57	15.47		
5	16QAM	25	0	15.58	15.62	15.37		
5	64QAM	1	0	15.54	15.35	15.47	16	0
5	64QAM	1	12	15.54	15.62	15.74		
5	64QAM	1	24	15.48	15.45	15.54		
5	64QAM	12	0	15.67	15.31	15.43	16	0
5	64QAM	12	7	15.56	15.49	15.46		
5	64QAM	12	13	15.61	15.59	15.57		
5	64QAM	25	0	15.70	15.58	15.38		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.24	20.26	20.28	20.27	20.25	20.5	0
20	QPSK	1	49	20.13	20.15	20.19	20.18	20.16		
20	QPSK	1	99	20.24	20.19	20.14	20.23	20.24		
20	QPSK	50	0	20.15	20.19	20.23	20.21	20.20	20.5	0
20	QPSK	50	24	20.14	20.20	20.06	19.84	19.84		
20	QPSK	50	50	20.12	20.16	20.01	19.90	19.80		
20	QPSK	100	0	20.06	20.08	20.13	20.00	20.00		
20	16QAM	1	0	20.17	20.17	20.13	19.90	19.96	20.5	0
20	16QAM	1	49	20.19	20.04	19.85	19.89	19.97		
20	16QAM	1	99	20.23	20.07	19.92	19.82	19.94		
20	16QAM	50	0	20.15	20.27	19.96	19.89	19.83	20.5	0
20	16QAM	50	24	20.14	20.19	20.04	19.86	19.87		
20	16QAM	50	50	20.14	20.04	20.00	19.92	19.81		
20	16QAM	100	0	20.20	20.19	20.11	20.03	20.06		
20	64QAM	1	0	20.12	20.04	20.11	19.85	19.90	20.5	0
20	64QAM	1	49	20.26	20.11	20.03	19.91	19.96		
20	64QAM	1	99	20.22	20.02	20.01	19.94	19.96		
20	64QAM	50	0	20.26	20.11	20.03	20.07	19.97	20.5	0
20	64QAM	50	24	20.25	20.21	20.17	19.95	19.95		
20	64QAM	50	50	20.23	20.27	20.12	20.01	19.91		
20	64QAM	100	0	20.12	20.02	19.89	19.86	19.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.22	20.13	20.08	19.97	20.02	20.50	0
15	QPSK	1	37	20.23	20.17	20.08	19.93	20.01		
15	QPSK	1	74	20.19	20.18	20.06	20.03	20.00		
15	QPSK	36	0	20.21	20.27	20.01	20.04	19.89	20.5	0
15	QPSK	36	20	20.21	20.14	20.10	19.97	20.03		
15	QPSK	36	39	20.20	20.14	20.09	19.97	20.01		
15	QPSK	75	0	20.20	20.20	20.00	19.90	20.02		
15	16QAM	1	0	20.13	20.16	20.07	19.98	20.08	20.5	0
15	16QAM	1	37	20.25	20.13	20.07	20.07	20.06		
15	16QAM	1	74	20.15	20.08	20.08	20.01	20.06		
15	16QAM	36	0	20.04	20.08	19.94	19.92	19.85	20.5	0
15	16QAM	36	20	20.03	19.97	20.02	20.03	20.00		
15	16QAM	36	39	20.02	19.97	20.02	19.91	20.00		
15	16QAM	75	0	20.14	20.12	20.10	20.10	20.07		
15	64QAM	1	0	20.09	20.00	20.10	19.99	20.04	20.5	0
15	64QAM	1	37	20.20	20.04	20.10	19.95	20.03		
15	64QAM	1	74	20.06	20.05	20.08	20.05	20.02		
15	64QAM	36	0	20.23	20.19	20.18	20.04	20.06	20.5	0
15	64QAM	36	20	20.23	20.16	20.27	20.14	20.20		
15	64QAM	36	39	20.22	20.16	20.26	20.14	20.18		
15	64QAM	75	0	20.22	20.22	20.17	20.07	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.19	20.15	20.01	19.93	19.85	20.50	0
10	QPSK	1	25	20.17	20.24	20.06	19.88	19.85		
10	QPSK	1	49	20.21	20.12	19.97	19.86	19.86		
10	QPSK	25	0	20.17	20.13	19.98	19.90	20.03	20.5	0
10	QPSK	25	12	20.10	20.06	20.07	19.98	19.91		
10	QPSK	25	25	20.11	20.07	20.04	19.92	20.01		
10	QPSK	50	0	20.20	20.07	20.03	19.88	19.87		
10	16QAM	1	0	20.11	19.99	20.05	19.92	19.88	20.5	0
10	16QAM	1	25	20.09	20.07	20.13	19.96	19.94		
10	16QAM	1	49	20.09	20.08	19.99	20.01	20.03		
10	16QAM	25	0	20.17	19.95	20.09	19.91	20.00	20.5	0
10	16QAM	25	12	20.08	20.09	20.01	20.02	20.01		
10	16QAM	25	25	20.08	19.99	20.10	19.97	19.98		
10	16QAM	50	0	20.11	20.05	20.09	19.95	20.04		
10	64QAM	1	0	20.05	20.01	19.97	19.89	19.81	20.5	0
10	64QAM	1	25	20.03	20.10	20.02	19.84	19.81		
10	64QAM	1	49	20.07	19.98	19.93	19.82	19.82		
10	64QAM	25	0	20.20	20.16	19.91	19.83	19.96	20.5	0
10	64QAM	25	12	20.13	20.09	20.00	19.91	19.84		
10	64QAM	25	25	20.14	20.10	19.97	19.85	19.94		
10	64QAM	50	0	20.23	20.10	19.96	19.81	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.21	20.14	20.04	20.01	20.03	20.50	0
5	QPSK	1	12	20.16	20.24	20.01	20.00	20.06		
5	QPSK	1	24	20.14	20.14	20.09	19.97	19.96		
5	QPSK	12	0	20.18	20.06	20.06	19.89	20.00	20.5	0
5	QPSK	12	7	20.22	20.20	20.15	20.01	20.04		
5	QPSK	12	13	20.26	20.14	20.05	20.03	20.02		
5	QPSK	25	0	20.25	20.22	20.02	19.91	20.01		
5	16QAM	1	0	20.03	20.16	19.91	19.97	19.93	20.5	0
5	16QAM	1	12	20.14	19.97	20.21	20.05	19.93		
5	16QAM	1	24	20.15	20.26	19.85	19.91	19.87		
5	16QAM	12	0	20.16	20.13	20.09	19.99	19.85	20.5	0
5	16QAM	12	7	20.16	20.13	19.96	19.90	20.00		
5	16QAM	12	13	20.24	20.06	20.08	19.86	20.01		
5	16QAM	25	0	20.17	20.14	20.02	20.01	20.00		
5	64QAM	1	0	20.14	20.07	19.99	19.96	19.98	20.5	0
5	64QAM	1	12	20.09	20.17	19.96	19.95	20.01		
5	64QAM	1	24	20.27	20.07	20.04	19.92	19.91		
5	64QAM	12	0	20.04	19.92	19.90	19.73	19.84	20.5	0
5	64QAM	12	7	20.08	20.06	19.99	19.85	19.88		
5	64QAM	12	13	20.12	20.00	19.89	19.87	19.86		
5	64QAM	25	0	20.11	20.08	19.86	19.75	19.85		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.67	15.78	15.88	15.73	15.71	16	0
20	QPSK	1	49	15.80	15.78	15.81	15.65	15.77		
20	QPSK	1	99	15.71	15.60	15.64	15.70	15.55		
20	QPSK	50	0	15.66	15.76	15.79	15.75	15.71	16	0
20	QPSK	50	24	15.72	15.64	15.68	15.59	15.60		
20	QPSK	50	50	15.72	15.76	15.68	15.48	15.48		
20	QPSK	100	0	15.57	15.68	15.69	15.51	15.55		
20	16QAM	1	0	15.62	15.77	15.71	15.53	15.56	16	0
20	16QAM	1	49	15.72	15.65	15.55	15.42	15.42		
20	16QAM	1	99	15.69	15.60	15.49	15.58	15.50		
20	16QAM	50	0	15.77	15.56	15.55	15.30	15.54	16	0
20	16QAM	50	24	15.73	15.69	15.72	15.37	15.55		
20	16QAM	50	50	15.64	15.57	15.69	15.44	15.65		
20	16QAM	100	0	15.62	15.76	15.66	15.62	15.52		
20	64QAM	1	0	15.59	15.61	15.42	15.48	15.59	16	0
20	64QAM	1	49	15.58	15.82	15.46	15.42	15.56		
20	64QAM	1	99	15.65	15.69	15.43	15.58	15.39		
20	64QAM	50	0	15.65	15.83	15.40	15.60	15.52	16	0
20	64QAM	50	24	15.74	15.77	15.62	15.47	15.55		
20	64QAM	50	50	15.72	15.71	15.65	15.45	15.59		
20	64QAM	100	0	15.77	15.87	15.81	15.47	15.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.56	15.67	15.63	15.61	15.58	16.00	0
15	QPSK	1	37	15.62	15.50	15.54	15.36	15.69		
15	QPSK	1	74	15.49	15.32	15.48	15.38	15.34		
15	QPSK	36	0	15.34	15.53	15.50	15.67	15.47	16	0
15	QPSK	36	20	15.49	15.38	15.50	15.46	15.39		
15	QPSK	36	39	15.53	15.51	15.59	15.39	15.29		
15	QPSK	75	0	15.54	15.43	15.32	15.36	15.35		
15	16QAM	1	0	15.36	15.65	15.62	15.26	15.45	16	0
15	16QAM	1	37	15.50	15.38	15.43	15.32	15.18		
15	16QAM	1	74	15.57	15.37	15.37	15.30	15.28		
15	16QAM	36	0	15.51	15.44	15.25	15.16	15.25	16	0
15	16QAM	36	20	15.52	15.51	15.41	15.28	15.37		
15	16QAM	36	39	15.38	15.33	15.37	15.28	15.49		
15	16QAM	75	0	15.54	15.58	15.38	15.40	15.34		
15	64QAM	1	0	15.37	15.33	15.30	15.28	15.50	16	0
15	64QAM	1	37	15.45	15.57	15.29	15.33	15.34		
15	64QAM	1	74	15.39	15.59	15.20	15.49	15.23		
15	64QAM	36	0	15.34	15.61	15.26	15.33	15.31	16	0
15	64QAM	36	20	15.62	15.62	15.34	15.20	15.45		
15	64QAM	36	39	15.46	15.43	15.52	15.16	15.30		
15	64QAM	75	0	15.50	15.60	15.73	15.26	15.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.53	15.60	15.56	15.56	15.56	16.00	0
10	QPSK	1	25	15.68	15.56	15.70	15.34	15.66		
10	QPSK	1	49	15.57	15.28	15.51	15.52	15.39		
10	QPSK	25	0	15.39	15.48	15.64	15.44	15.60	16	0
10	QPSK	25	12	15.55	15.52	15.51	15.31	15.50		
10	QPSK	25	25	15.56	15.61	15.48	15.19	15.36		
10	QPSK	50	0	15.68	15.36	15.32	15.38	15.32		
10	16QAM	1	0	15.49	15.49	15.53	15.23	15.35	16	0
10	16QAM	1	25	15.57	15.39	15.23	15.26	15.23		
10	16QAM	1	49	15.56	15.50	15.22	15.43	15.41		
10	16QAM	25	0	15.51	15.42	15.45	15.63	15.32	16	0
10	16QAM	25	12	15.52	15.47	15.45	15.25	15.39		
10	16QAM	25	25	15.54	15.33	15.52	15.17	15.49		
10	16QAM	50	0	15.35	15.57	15.44	15.54	15.28		
10	64QAM	1	0	15.34	15.47	15.24	15.24	15.36	16	0
10	64QAM	1	25	15.48	15.59	15.30	15.16	15.32		
10	64QAM	1	49	15.43	15.59	15.28	15.39	15.28		
10	64QAM	25	0	15.35	15.54	15.29	15.33	15.20	16	0
10	64QAM	25	12	15.66	15.54	15.30	15.18	15.37		
10	64QAM	25	25	15.49	15.54	15.56	15.28	15.46		
10	64QAM	50	0	15.53	15.55	15.52	15.27	15.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.36	15.67	15.79	15.56	15.48	16.00	0
5	QPSK	1	12	15.49	15.58	15.52	15.43	15.50		
5	QPSK	1	24	15.50	15.30	15.47	15.57	15.42		
5	QPSK	12	0	15.39	15.68	15.50	15.44	15.52	16	0
5	QPSK	12	7	15.59	15.50	15.59	15.42	15.42		
5	QPSK	12	13	15.63	15.55	15.52	15.27	15.30		
5	QPSK	25	0	15.51	15.50	15.42	15.36	15.43		
5	16QAM	1	0	15.43	15.45	15.40	15.31	15.44	16	0
5	16QAM	1	12	15.56	15.51	15.32	15.27	15.25		
5	16QAM	1	24	15.42	15.49	15.25	15.42	15.28		
5	16QAM	12	0	15.50	15.25	15.36	15.17	15.45	16	0
5	16QAM	12	7	15.44	15.56	15.47	15.22	15.41		
5	16QAM	12	13	15.33	15.44	15.42	15.15	15.42		
5	16QAM	25	0	15.40	15.62	15.51	15.44	15.22		
5	64QAM	1	0	15.28	15.37	15.13	15.34	15.47	16	0
5	64QAM	1	12	15.41	15.57	15.37	15.12	15.45		
5	64QAM	1	24	15.44	15.49	15.25	15.47	15.23		
5	64QAM	12	0	15.36	15.59	15.31	15.46	15.23	16	0
5	64QAM	12	7	15.43	15.53	15.36	15.22	15.47		
5	64QAM	12	13	15.44	15.41	15.51	15.20	15.36		
5	64QAM	25	0	15.55	15.71	15.61	15.28	15.36		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.47	18.94	18.94	20	0
20	QPSK	1	49	18.53	18.72	18.74		
20	QPSK	1	99	18.59	18.62	18.75		
20	QPSK	50	0	18.53	18.93	18.77	20	0
20	QPSK	50	24	18.56	18.71	18.88		
20	QPSK	50	50	18.44	18.63	18.90		
20	QPSK	100	0	18.54	18.84	18.76		
20	16QAM	1	0	18.50	18.71	18.91	20	0
20	16QAM	1	49	18.47	18.82	18.85		
20	16QAM	1	99	18.43	18.89	18.71		
20	16QAM	50	0	18.50	18.87	18.70	20	0
20	16QAM	50	24	18.53	18.79	18.71		
20	16QAM	50	50	18.46	18.68	18.87		
20	16QAM	100	0	18.59	18.80	18.69		
20	64QAM	1	0	18.38	18.87	18.80	20	0
20	64QAM	1	49	18.51	18.80	18.70		
20	64QAM	1	99	18.53	18.72	18.87		
20	64QAM	50	0	18.52	18.85	18.68	20	0
20	64QAM	50	24	18.46	18.72	18.88		
20	64QAM	50	50	18.45	18.68	18.85		
20	64QAM	100	0	18.49	18.75	18.88		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.27	18.75	18.50	20	0
15	QPSK	1	37	18.26	18.40	18.53		
15	QPSK	1	74	18.34	18.32	18.52		
15	QPSK	36	0	18.36	18.63	18.57	20	0
15	QPSK	36	20	18.41	18.62	18.77		
15	QPSK	36	39	18.29	18.54	18.78		
15	QPSK	75	0	18.42	18.67	18.61		
15	16QAM	1	0	18.33	18.62	18.67	20	0
15	16QAM	1	37	18.29	18.68	18.63		
15	16QAM	1	74	18.24	18.63	18.51		
15	16QAM	36	0	18.27	18.70	18.52	20	0
15	16QAM	36	20	18.43	18.57	18.49		
15	16QAM	36	39	18.36	18.38	18.62		
15	16QAM	75	0	18.45	18.57	18.38		
15	64QAM	1	0	18.47	18.73	18.48	20	0
15	64QAM	1	37	18.37	18.62	18.52		
15	64QAM	1	74	18.43	18.51	18.59		
15	64QAM	36	0	18.34	18.64	18.48	20	0
15	64QAM	36	20	18.33	18.48	18.71		
15	64QAM	36	39	18.29	18.48	18.58		
15	64QAM	75	0	18.38	18.66	18.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.22	18.62	18.56	20	0
10	QPSK	1	25	18.44	18.47	18.58		
10	QPSK	1	49	18.45	18.36	18.43		
10	QPSK	25	0	18.35	18.68	18.47	20	0
10	QPSK	25	12	18.39	18.49	18.58		
10	QPSK	25	25	18.33	18.48	18.77		
10	QPSK	50	0	18.45	18.56	18.44		
10	16QAM	1	0	18.22	18.51	18.56	20	0
10	16QAM	1	25	18.29	18.59	18.55		
10	16QAM	1	49	18.31	18.69	18.51		
10	16QAM	25	0	18.40	18.74	18.39	20	0
10	16QAM	25	12	18.26	18.60	18.43		
10	16QAM	25	25	18.36	18.45	18.63		
10	16QAM	50	0	18.48	18.48	18.43		
10	64QAM	1	0	18.30	18.64	18.48	20	0
10	64QAM	1	25	18.22	18.62	18.56		
10	64QAM	1	49	18.24	18.59	18.70		
10	64QAM	25	0	18.44	18.58	18.38	20	0
10	64QAM	25	12	18.34	18.56	18.62		
10	64QAM	25	25	18.27	18.59	18.65		
10	64QAM	50	0	18.30	18.66	18.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.33	18.79	18.49	20	0
5	QPSK	1	12	18.29	18.52	18.52		
5	QPSK	1	24	18.34	18.47	18.44		
5	QPSK	12	0	18.27	18.66	18.49	20	0
5	QPSK	12	7	18.42	18.49	18.70		
5	QPSK	12	13	18.31	18.51	18.71		
5	QPSK	25	0	18.40	18.71	18.58		
5	16QAM	1	0	18.27	18.49	18.74	20	0
5	16QAM	1	12	18.33	18.65	18.62		
5	16QAM	1	24	18.28	18.74	18.54		
5	16QAM	12	0	18.41	18.64	18.45	20	0
5	16QAM	12	7	18.24	18.67	18.63		
5	16QAM	12	13	18.23	18.51	18.55		
5	16QAM	25	0	18.31	18.61	18.37		
5	64QAM	1	0	18.29	18.77	18.50	20	0
5	64QAM	1	12	18.38	18.61	18.60		
5	64QAM	1	24	18.40	18.63	18.71		
5	64QAM	12	0	18.31	18.68	18.47	20	0
5	64QAM	12	7	18.26	18.61	18.75		
5	64QAM	12	13	18.35	18.60	18.73		
5	64QAM	25	0	18.34	18.61	18.57		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.58	17.96	17.75	19	0
20	QPSK	1	49	17.49	17.69	17.70		
20	QPSK	1	99	17.60	17.63	17.85		
20	QPSK	50	0	17.58	17.93	17.67	19	0
20	QPSK	50	24	17.53	17.76	17.90		
20	QPSK	50	50	17.47	17.55	17.84		
20	QPSK	100	0	17.52	17.92	17.82		
20	16QAM	1	0	17.44	17.73	17.55	19	0
20	16QAM	1	49	17.28	17.61	17.56		
20	16QAM	1	99	17.31	17.40	17.55		
20	16QAM	50	0	17.48	17.88	17.74	19	0
20	16QAM	50	24	17.45	17.70	17.81		
20	16QAM	50	50	17.49	17.65	17.95		
20	16QAM	100	0	17.58	17.73	17.74		
20	64QAM	1	0	17.36	17.71	17.64	19	0
20	64QAM	1	49	17.29	17.56	17.40		
20	64QAM	1	99	17.47	17.52	17.65		
20	64QAM	50	0	17.59	17.94	17.77	19	0
20	64QAM	50	24	17.45	17.73	17.90		
20	64QAM	50	50	17.44	17.66	17.83		
20	64QAM	100	0	17.47	17.64	17.78		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.67	17.61	19	0
15	QPSK	1	37	17.24	17.51	17.39		
15	QPSK	1	74	17.49	17.53	17.54		
15	QPSK	36	0	17.42	17.79	17.63	19	0
15	QPSK	36	20	17.34	17.49	17.59		
15	QPSK	36	39	17.42	17.38	17.73		
15	QPSK	75	0	17.33	17.81	17.70		
15	16QAM	1	0	17.17	17.64	17.37	19	0
15	16QAM	1	37	17.19	17.29	17.39		
15	16QAM	1	74	17.22	17.23	17.30		
15	16QAM	36	0	17.29	17.67	17.65	19	0
15	16QAM	36	20	17.18	17.46	17.61		
15	16QAM	36	39	17.41	17.38	17.53		
15	16QAM	75	0	17.49	17.62	17.57		
15	64QAM	1	0	17.05	17.47	17.43	19	0
15	64QAM	1	37	17.21	17.44	17.21		
15	64QAM	1	74	17.31	17.30	17.45		
15	64QAM	36	0	17.40	17.70	17.55	19	0
15	64QAM	36	20	17.21	17.45	17.50		
15	64QAM	36	39	17.46	17.32	17.55		
15	64QAM	75	0	17.25	17.52	17.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.46	17.81	17.62	19	0
10	QPSK	1	25	17.36	17.44	17.54		
10	QPSK	1	49	17.40	17.46	17.59		
10	QPSK	25	0	17.35	17.78	17.46	19	0
10	QPSK	25	12	17.33	17.45	17.74		
10	QPSK	25	25	17.33	17.36	17.63		
10	QPSK	50	0	17.20	17.63	17.57		
10	16QAM	1	0	17.30	17.73	17.48	19	0
10	16QAM	1	25	17.37	17.59	17.49		
10	16QAM	1	49	17.39	17.39	17.68		
10	16QAM	25	0	17.36	17.77	17.64	19	0
10	16QAM	25	12	17.35	17.61	17.44		
10	16QAM	25	25	17.51	17.43	17.71		
10	16QAM	50	0	17.30	17.62	17.60		
10	64QAM	1	0	17.24	17.55	17.38	19	0
10	64QAM	1	25	17.09	17.47	17.26		
10	64QAM	1	49	17.33	17.26	17.57		
10	64QAM	25	0	17.32	17.70	17.64	19	0
10	64QAM	25	12	17.35	17.51	17.47		
10	64QAM	25	25	17.48	17.41	17.76		
10	64QAM	50	0	17.31	17.39	17.69		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.44	17.78	17.44	19	0
5	QPSK	1	12	17.39	17.53	17.61		
5	QPSK	1	24	17.51	17.42	17.59		
5	QPSK	12	0	17.31	17.74	17.43	19	0
5	QPSK	12	7	17.32	17.49	17.39		
5	QPSK	12	13	17.50	17.53	17.65		
5	QPSK	25	0	17.32	17.64	17.61		
5	16QAM	1	0	17.40	17.78	17.54	19	0
5	16QAM	1	12	17.38	17.45	17.44		
5	16QAM	1	24	17.38	17.32	17.59		
5	16QAM	12	0	17.38	17.78	17.60	19	0
5	16QAM	12	7	17.34	17.41	17.47		
5	16QAM	12	13	17.47	17.39	17.71		
5	16QAM	25	0	17.28	17.52	17.58		
5	64QAM	1	0	17.04	17.42	17.36	19	0
5	64QAM	1	12	17.17	17.42	17.19		
5	64QAM	1	24	17.23	17.28	17.42		
5	64QAM	12	0	17.34	17.69	17.48	19	0
5	64QAM	12	7	17.24	17.44	17.38		
5	64QAM	12	13	17.33	17.45	17.61		
5	64QAM	25	0	17.39	17.50	17.51		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.47	15.52	15.29	16	0
20	QPSK	1	49	15.37	15.24	15.33		
20	QPSK	1	99	15.40	15.45	15.36		
20	QPSK	50	0	15.34	15.50	15.30	16	0
20	QPSK	50	24	15.30	15.33	15.30		
20	QPSK	50	50	15.40	15.28	15.34		
20	QPSK	100	0	15.30	15.39	15.26		
20	16QAM	1	0	15.32	15.42	15.45	16	0
20	16QAM	1	49	15.43	15.20	15.33		
20	16QAM	1	99	15.35	15.20	15.48		
20	16QAM	50	0	15.34	15.41	15.41	16	0
20	16QAM	50	24	15.29	15.44	15.40		
20	16QAM	50	50	15.44	15.34	15.32		
20	16QAM	100	0	15.42	15.49	15.34		
20	64QAM	1	0	15.39	15.35	15.07	16	0
20	64QAM	1	49	15.32	15.34	15.18		
20	64QAM	1	99	15.23	15.49	15.40		
20	64QAM	50	0	15.25	15.28	15.24	16	0
20	64QAM	50	24	15.42	15.29	15.30		
20	64QAM	50	50	15.38	15.31	15.46		
20	64QAM	100	0	15.49	15.36	15.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.27	15.24	15.01	16	0
15	QPSK	1	37	15.29	14.96	15.22		
15	QPSK	1	74	15.23	15.14	15.15		
15	QPSK	36	0	15.03	15.40	15.03	16	0
15	QPSK	36	20	15.04	15.19	14.99		
15	QPSK	36	39	15.31	15.12	15.10		
15	QPSK	75	0	15.00	15.13	15.02		
15	16QAM	1	0	15.09	15.22	15.33	16	0
15	16QAM	1	37	15.14	15.06	15.10		
15	16QAM	1	74	15.14	14.94	15.39		
15	16QAM	36	0	15.08	15.28	15.15	16	0
15	16QAM	36	20	15.04	15.16	15.22		
15	16QAM	36	39	15.22	15.17	15.03		
15	16QAM	75	0	15.17	15.35	15.15		
15	64QAM	1	0	15.20	15.24	14.84	16	0
15	64QAM	1	37	15.02	15.13	14.88		
15	64QAM	1	74	14.97	15.33	15.19		
15	64QAM	36	0	14.98	15.14	15.15	16	0
15	64QAM	36	20	15.17	14.97	15.16		
15	64QAM	36	39	15.30	15.11	15.29		
15	64QAM	75	0	15.38	15.19	15.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.17	15.32	15.18	16	0
10	QPSK	1	25	15.20	15.16	15.19		
10	QPSK	1	49	15.30	15.15	15.25		
10	QPSK	25	0	15.20	15.28	15.06	16	0
10	QPSK	25	12	15.00	15.06	15.03		
10	QPSK	25	25	15.29	15.05	15.23		
10	QPSK	50	0	15.10	15.14	14.94		
10	16QAM	1	0	15.03	15.28	15.30	16	0
10	16QAM	1	25	15.32	14.95	15.13		
10	16QAM	1	49	15.14	14.96	15.32		
10	16QAM	25	0	15.07	15.23	15.23	16	0
10	16QAM	25	12	15.03	15.15	15.30		
10	16QAM	25	25	15.28	15.16	15.19		
10	16QAM	50	0	15.12	15.29	15.13		
10	64QAM	1	0	15.21	15.16	14.95	16	0
10	64QAM	1	25	15.21	15.09	15.00		
10	64QAM	1	49	15.12	15.22	15.17		
10	64QAM	25	0	15.03	15.12	15.11	16	0
10	64QAM	25	12	15.26	15.12	15.18		
10	64QAM	25	25	15.10	15.14	15.28		
10	64QAM	50	0	15.28	15.16	15.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.16	15.41	15.21	16	0
5	QPSK	1	12	15.25	14.96	15.04		
5	QPSK	1	24	15.30	15.27	15.26		
5	QPSK	12	0	15.17	15.41	15.21	16	0
5	QPSK	12	7	15.05	15.16	15.05		
5	QPSK	12	13	15.23	15.02	15.07		
5	QPSK	25	0	15.20	15.11	15.05		
5	16QAM	1	0	15.15	15.11	15.31	16	0
5	16QAM	1	12	15.28	15.11	15.09		
5	16QAM	1	24	15.04	14.97	15.17		
5	16QAM	12	0	15.12	15.31	15.30	16	0
5	16QAM	12	7	15.04	15.23	15.26		
5	16QAM	12	13	15.36	15.21	15.20		
5	16QAM	25	0	15.24	15.22	15.09		
5	64QAM	1	0	15.15	15.10	14.95	16	0
5	64QAM	1	12	15.05	15.17	14.86		
5	64QAM	1	24	15.06	15.34	15.31		
5	64QAM	12	0	15.05	14.97	15.10	16	0
5	64QAM	12	7	15.15	15.03	15.05		
5	64QAM	12	13	15.13	15.13	15.23		
5	64QAM	25	0	15.32	15.20	15.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.17	15.42	15.18	16	0
3	QPSK	1	8	15.16	15.06	15.10		
3	QPSK	1	14	15.21	15.17	15.09		
3	QPSK	8	0	15.11	15.24	15.02	16	0
3	QPSK	8	4	15.08	15.23	15.11		
3	QPSK	8	7	15.32	15.07	15.03		
3	QPSK	15	0	15.17	15.20	15.18		
3	16QAM	1	0	15.18	15.25	15.28	16	0
3	16QAM	1	8	15.33	15.07	15.21		
3	16QAM	1	14	15.11	14.96	15.37		
3	16QAM	8	0	15.07	15.25	15.16	16	0
3	16QAM	8	4	15.18	15.20	15.31		
3	16QAM	8	7	15.21	15.12	15.02		
3	16QAM	15	0	15.25	15.35	15.03		
3	64QAM	1	0	15.27	15.18	14.86	16	0
3	64QAM	1	8	15.14	15.08	14.90		
3	64QAM	1	14	15.04	15.24	15.26		
3	64QAM	8	0	15.02	15.00	15.15	16	0
3	64QAM	8	4	15.20	14.98	14.99		
3	64QAM	8	7	15.21	15.09	15.31		
3	64QAM	15	0	15.26	15.26	14.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.31	15.38	15.13	16	0
1.4	QPSK	1	3	15.15	15.04	15.18		
1.4	QPSK	1	5	15.32	15.27	15.06		
1.4	QPSK	3	0	15.19	15.30	15.01		
1.4	QPSK	3	1	15.17	15.21	15.07		
1.4	QPSK	3	3	15.09	15.08	15.04		
1.4	QPSK	6	0	15.11	15.29	15.07	16	0
1.4	16QAM	1	0	15.18	15.21	15.24	16	0
1.4	16QAM	1	3	15.11	15.04	15.12		
1.4	16QAM	1	5	15.16	15.01	15.27		
1.4	16QAM	3	0	15.18	15.27	15.31		
1.4	16QAM	3	1	15.01	15.30	15.27		
1.4	16QAM	3	3	15.25	15.04	15.04		
1.4	16QAM	6	0	15.11	15.29	15.18	16	0
1.4	64QAM	1	0	15.14	15.05	14.93	16	0
1.4	64QAM	1	3	15.09	15.07	15.04		
1.4	64QAM	1	5	14.94	15.29	15.12		
1.4	64QAM	3	0	15.13	15.06	15.00		
1.4	64QAM	3	1	15.21	15.02	15.18		
1.4	64QAM	3	3	15.17	15.14	15.35		
1.4	64QAM	6	0	15.40	15.27	14.97	16	0

Band 4 Ant8_DSI1&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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.84	15.00	14.99	15.5	0
20	QPSK	1	49	14.94	14.72	14.70		
20	QPSK	1	99	14.84	14.95	14.50		
20	QPSK	50	0	14.88	14.93	14.92	15.5	0
20	QPSK	50	24	14.84	14.84	14.90		
20	QPSK	50	50	14.73	14.92	14.88		
20	QPSK	100	0	14.78	14.98	14.71		
20	16QAM	1	0	14.82	14.94	14.80	15.5	0
20	16QAM	1	49	14.94	14.91	14.92		
20	16QAM	1	99	14.93	14.81	14.84		
20	16QAM	50	0	14.92	14.90	14.88	15.5	0
20	16QAM	50	24	14.82	14.84	14.89		
20	16QAM	50	50	14.85	14.80	14.78		
20	16QAM	100	0	14.82	14.83	14.86		
20	64QAM	1	0	14.91	14.96	14.80	15.5	0
20	64QAM	1	49	14.89	14.73	14.93		
20	64QAM	1	99	14.96	14.85	14.81		
20	64QAM	50	0	14.96	14.95	14.99	15.5	0
20	64QAM	50	24	14.99	14.85	14.93		
20	64QAM	50	50	14.96	14.79	14.91		
20	64QAM	100	0	14.98	14.87	14.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.71	14.79	14.68	15.5	0
15	QPSK	1	37	14.75	14.53	14.42		
15	QPSK	1	74	14.63	14.79	14.78		
15	QPSK	36	0	14.57	14.60	14.63	15.5	0
15	QPSK	36	20	14.75	14.53	14.70		
15	QPSK	36	39	14.60	14.77	14.84		
15	QPSK	75	0	14.62	14.77	14.53		
15	16QAM	1	0	14.54	14.65	14.52	15.5	0
15	16QAM	1	37	14.64	14.63	14.68		
15	16QAM	1	74	14.81	14.59	14.66		
15	16QAM	36	0	14.74	14.72	14.72	15.5	0
15	16QAM	36	20	14.70	14.65	14.70		
15	16QAM	36	39	14.77	14.58	14.64		
15	16QAM	75	0	14.70	14.74	14.68		
15	64QAM	1	0	14.72	14.70	14.54	15.5	0
15	64QAM	1	37	14.73	14.49	14.68		
15	64QAM	1	74	14.67	14.55	14.59		
15	64QAM	36	0	14.76	14.75	14.90	15.5	0
15	64QAM	36	20	14.70	14.68	14.73		
15	64QAM	36	39	14.79	14.63	14.71		
15	64QAM	75	0	14.80	14.59	14.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.71	14.73	14.83	15.5	0
10	QPSK	1	25	14.83	14.61	14.40		
10	QPSK	1	49	14.59	14.76	14.73		
10	QPSK	25	0	14.59	14.58	14.64	15.5	0
10	QPSK	25	12	14.73	14.65	14.66		
10	QPSK	25	25	14.43	14.83	14.64		
10	QPSK	50	0	14.56	14.72	14.50		
10	16QAM	1	0	14.67	14.62	14.55	15.5	0
10	16QAM	1	25	14.79	14.77	14.80		
10	16QAM	1	49	14.69	14.54	14.56		
10	16QAM	25	0	14.77	14.70	14.70	15.5	0
10	16QAM	25	12	14.71	14.61	14.85		
10	16QAM	25	25	14.63	14.59	14.57		
10	16QAM	50	0	14.56	14.69	14.72		
10	64QAM	1	0	14.82	14.73	14.50	15.5	0
10	64QAM	1	25	14.77	14.56	14.66		
10	64QAM	1	49	14.74	14.75	14.50		
10	64QAM	25	0	14.82	14.63	14.82	15.5	0
10	64QAM	25	12	14.77	14.63	14.78		
10	64QAM	25	25	14.78	14.52	14.68		
10	64QAM	50	0	14.71	14.78	14.50		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.55	14.79	14.75	15.5	0
5	QPSK	1	12	14.83	14.49	14.49		
5	QPSK	1	24	14.70	14.73	14.78		
5	QPSK	12	0	14.60	14.56	14.82	15.5	0
5	QPSK	12	7	14.55	14.62	14.81		
5	QPSK	12	13	14.59	14.79	14.67		
5	QPSK	25	0	14.56	14.67	14.50		
5	16QAM	1	0	14.62	14.73	14.66	15.5	0
5	16QAM	1	12	14.75	14.72	14.78		
5	16QAM	1	24	14.67	14.53	14.74		
5	16QAM	12	0	14.77	14.68	14.76	15.5	0
5	16QAM	12	7	14.52	14.71	14.79		
5	16QAM	12	13	14.61	14.59	14.51		
5	16QAM	25	0	14.71	14.68	14.71		
5	64QAM	1	0	14.63	14.85	14.55	15.5	0
5	64QAM	1	12	14.68	14.46	14.70		
5	64QAM	1	24	14.66	14.72	14.58		
5	64QAM	12	0	14.86	14.74	14.88	15.5	0
5	64QAM	12	7	14.80	14.77	14.75		
5	64QAM	12	13	14.84	14.61	14.70		
5	64QAM	25	0	14.82	14.78	14.64		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.75	14.76	14.87	15.5	0
3	QPSK	1	8	14.64	14.61	14.44		
3	QPSK	1	14	14.68	14.80	14.64		
3	QPSK	8	0	14.68	14.61	14.72	15.5	0
3	QPSK	8	4	14.68	14.53	14.86		
3	QPSK	8	7	14.46	14.82	14.85		
3	QPSK	15	0	14.55	14.68	14.45		
3	16QAM	1	0	14.51	14.84	14.55	15.5	0
3	16QAM	1	8	14.74	14.72	14.70		
3	16QAM	1	14	14.81	14.53	14.58		
3	16QAM	8	0	14.82	14.79	14.67	15.5	0
3	16QAM	8	4	14.71	14.60	14.70		
3	16QAM	8	7	14.68	14.60	14.67		
3	16QAM	15	0	14.61	14.59	14.64		
3	64QAM	1	0	14.71	14.69	14.64	15.5	0
3	64QAM	1	8	14.66	14.50	14.82		
3	64QAM	1	14	14.79	14.69	14.55		
3	64QAM	8	0	14.78	14.81	14.89	15.5	0
3	64QAM	8	4	14.72	14.69	14.72		
3	64QAM	8	7	14.70	14.71	14.62		
3	64QAM	15	0	14.88	14.59	14.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.70	14.93	14.67	15.5	0
1.4	QPSK	1	3	14.62	14.58	14.49		
1.4	QPSK	1	5	14.68	14.85	14.75		
1.4	QPSK	3	0	14.74	14.68	14.61		
1.4	QPSK	3	1	14.68	14.67	14.78		
1.4	QPSK	3	3	14.44	14.84	14.82		
1.4	QPSK	6	0	14.48	14.90	14.55	15.5	0
1.4	16QAM	1	0	14.63	14.77	14.66	15.5	0
1.4	16QAM	1	3	14.63	14.67	14.78		
1.4	16QAM	1	5	14.70	14.62	14.61		
1.4	16QAM	3	0	14.82	14.74	14.59		
1.4	16QAM	3	1	14.65	14.61	14.82		
1.4	16QAM	3	3	14.66	14.57	14.61		
1.4	16QAM	6	0	14.52	14.68	14.65	15.5	0
1.4	64QAM	1	0	14.80	14.66	14.64	15.5	0
1.4	64QAM	1	3	14.72	14.43	14.66		
1.4	64QAM	1	5	14.67	14.68	14.58		
1.4	64QAM	3	0	14.67	14.69	14.78		
1.4	64QAM	3	1	14.68	14.69	14.84		
1.4	64QAM	3	3	14.84	14.54	14.82		
1.4	64QAM	6	0	14.80	14.74	14.69	15.5	0

Band 7 Ant8_DSI1&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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.71	13.88	13.78	14	0
20	QPSK	1	49	13.79	13.82	13.71		
20	QPSK	1	99	13.73	13.85	13.83		
20	QPSK	50	0	13.82	13.85	13.77	14	0
20	QPSK	50	24	13.64	13.71	13.75		
20	QPSK	50	50	13.69	13.57	13.62		
20	QPSK	100	0	13.81	13.83	13.78		
20	16QAM	1	0	13.82	13.74	13.87	14	0
20	16QAM	1	49	13.77	13.81	13.75		
20	16QAM	1	99	13.73	13.70	13.79		
20	16QAM	50	0	13.61	13.65	13.55	14	0
20	16QAM	50	24	13.72	13.74	13.69		
20	16QAM	50	50	13.78	13.80	13.67		
20	16QAM	100	0	13.83	13.81	13.66		
20	64QAM	1	0	13.72	13.72	13.83	14	0
20	64QAM	1	49	13.77	13.66	13.68		
20	64QAM	1	99	13.86	13.79	13.80		
20	64QAM	50	0	13.57	13.74	13.83	14	0
20	64QAM	50	24	13.73	13.78	13.68		
20	64QAM	50	50	13.69	13.75	13.78		
20	64QAM	100	0	13.64	13.77	13.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.63	13.74	13.53	14	0
15	QPSK	1	37	13.66	13.70	13.42		
15	QPSK	1	74	13.41	13.70	13.69		
15	QPSK	36	0	13.59	13.54	13.74	14	0
15	QPSK	36	20	13.50	13.60	13.59		
15	QPSK	36	39	13.43	13.39	13.44		
15	QPSK	75	0	13.63	13.62	13.53		
15	16QAM	1	0	13.74	13.62	13.64	14	0
15	16QAM	1	37	13.52	13.71	13.65		
15	16QAM	1	74	13.49	13.54	13.68		
15	16QAM	36	0	13.33	13.42	13.34	14	0
15	16QAM	36	20	13.46	13.50	13.60		
15	16QAM	36	39	13.46	13.61	13.50		
15	16QAM	75	0	13.68	13.71	13.45		
15	64QAM	1	0	13.41	13.52	13.54	14	0
15	64QAM	1	37	13.64	13.37	13.41		
15	64QAM	1	74	13.55	13.59	13.60		
15	64QAM	36	0	13.28	13.47	13.68	14	0
15	64QAM	36	20	13.56	13.50	13.53		
15	64QAM	36	39	13.49	13.61	13.58		
15	64QAM	75	0	13.48	13.57	13.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.43	13.72	13.54	14	0
10	QPSK	1	25	13.59	13.71	13.40		
10	QPSK	1	49	13.45	13.73	13.69		
10	QPSK	25	0	13.66	13.62	13.72	14	0
10	QPSK	25	12	13.50	13.53	13.63		
10	QPSK	25	25	13.51	13.46	13.50		
10	QPSK	50	0	13.55	13.67	13.65		
10	16QAM	1	0	13.62	13.54	13.69	14	0
10	16QAM	1	25	13.60	13.71	13.56		
10	16QAM	1	49	13.63	13.41	13.67		
10	16QAM	25	0	13.41	13.44	13.37	14	0
10	16QAM	25	12	13.54	13.57	13.50		
10	16QAM	25	25	13.62	13.72	13.47		
10	16QAM	50	0	13.73	13.71	13.52		
10	64QAM	1	0	13.64	13.40	13.74	14	0
10	64QAM	1	25	13.51	13.52	13.58		
10	64QAM	1	49	13.60	13.55	13.52		
10	64QAM	25	0	13.35	13.60	13.64	14	0
10	64QAM	25	12	13.49	13.58	13.40		
10	64QAM	25	25	13.41	13.58	13.63		
10	64QAM	50	0	13.51	13.47	13.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.48	13.71	13.47	14	0
5	QPSK	1	12	13.63	13.69	13.42		
5	QPSK	1	24	13.60	13.75	13.74		
5	QPSK	12	0	13.63	13.50	13.61	14	0
5	QPSK	12	7	13.33	13.42	13.52		
5	QPSK	12	13	13.43	13.32	13.49		
5	QPSK	25	0	13.55	13.52	13.57		
5	16QAM	1	0	13.58	13.58	13.61	14	0
5	16QAM	1	12	13.65	13.71	13.57		
5	16QAM	1	24	13.50	13.40	13.71		
5	16QAM	12	0	13.48	13.36	13.38	14	0
5	16QAM	12	7	13.48	13.54	13.38		
5	16QAM	12	13	13.64	13.59	13.53		
5	16QAM	25	0	13.56	13.60	13.39		
5	64QAM	1	0	13.41	13.55	13.54	14	0
5	64QAM	1	12	13.45	13.40	13.51		
5	64QAM	1	24	13.65	13.64	13.66		
5	64QAM	12	0	13.34	13.55	13.60	14	0
5	64QAM	12	7	13.58	13.60	13.58		
5	64QAM	12	13	13.39	13.49	13.68		
5	64QAM	25	0	13.55	13.50	13.55		

Band 7 Ant8_DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.75	19.77	19.75	20	0
20	QPSK	1	49	19.69	19.74	19.64		
20	QPSK	1	99	19.67	19.71	19.68		
20	QPSK	50	0	19.70	19.76	19.72	20	0
20	QPSK	50	24	19.75	19.72	19.69		
20	QPSK	50	50	19.73	19.75	19.67		
20	QPSK	100	0	19.69	19.71	19.65		
20	16QAM	1	0	19.70	19.72	19.70	20	0
20	16QAM	1	49	19.71	19.74	19.67		
20	16QAM	1	99	19.72	19.67	19.75		
20	16QAM	50	0	19.72	19.71	19.73	20	0
20	16QAM	50	24	19.74	19.75	19.70		
20	16QAM	50	50	19.75	19.68	19.71		
20	16QAM	100	0	19.69	19.71	19.66		
20	64QAM	1	0	19.72	19.65	19.70	20	0
20	64QAM	1	49	19.73	19.69	19.59		
20	64QAM	1	99	19.66	19.72	19.67		
20	64QAM	50	0	19.69	19.71	19.71	20	0
20	64QAM	50	24	19.75	19.74	19.68		
20	64QAM	50	50	19.72	19.68	19.69		
20	64QAM	100	0	19.71	19.71	19.66		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.68	19.75	19.72	20	0
15	QPSK	1	37	19.75	19.68	19.74		
15	QPSK	1	74	19.70	19.69	19.72		
15	QPSK	36	0	19.69	19.71	19.72	20	0
15	QPSK	36	20	19.71	19.73	19.68		
15	QPSK	36	39	19.70	19.74	19.68		
15	QPSK	75	0	19.71	19.66	19.64		
15	16QAM	1	0	19.73	19.74	19.72	20	0
15	16QAM	1	37	19.62	19.75	19.65		
15	16QAM	1	74	19.65	19.74	19.69		
15	16QAM	36	0	19.63	19.65	19.64	20	0
15	16QAM	36	20	19.72	19.76	19.69		
15	16QAM	36	39	19.73	19.76	19.68		
15	16QAM	75	0	19.73	19.74	19.67		
15	64QAM	1	0	19.76	19.68	19.70	20	0
15	64QAM	1	37	19.70	19.71	19.74		
15	64QAM	1	74	19.76	19.74	19.69		
15	64QAM	36	0	19.72	19.71	19.73	20	0
15	64QAM	36	20	19.75	19.74	19.68		
15	64QAM	36	39	19.72	19.76	19.68		
15	64QAM	75	0	19.73	19.72	19.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.69	19.72	19.74	20	0
10	QPSK	1	25	19.73	19.74	19.73		
10	QPSK	1	49	19.75	19.60	19.61		
10	QPSK	25	0	19.61	19.62	19.71	20	0
10	QPSK	25	12	19.72	19.72	19.73		
10	QPSK	25	25	19.69	19.71	19.72		
10	QPSK	50	0	19.71	19.73	19.76		
10	16QAM	1	0	19.70	19.67	19.74	20	0
10	16QAM	1	25	19.71	19.73	19.73		
10	16QAM	1	49	19.73	19.76	19.76		
10	16QAM	25	0	19.67	19.71	19.73	20	0
10	16QAM	25	12	19.72	19.73	19.73		
10	16QAM	25	25	19.70	19.73	19.75		
10	16QAM	50	0	19.72	19.71	19.75		
10	64QAM	1	0	19.66	19.73	19.69	20	0
10	64QAM	1	25	19.71	19.75	19.66		
10	64QAM	1	49	19.75	19.72	19.75		
10	64QAM	25	0	19.74	19.64	19.72	20	0
10	64QAM	25	12	19.74	19.75	19.75		
10	64QAM	25	25	19.73	19.72	19.70		
10	64QAM	50	0	19.70	19.69	19.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.73	19.76	19.75	20	0
5	QPSK	1	12	19.71	19.75	19.69		
5	QPSK	1	24	19.73	19.73	19.70		
5	QPSK	12	0	19.70	19.62	19.70	20	0
5	QPSK	12	7	19.72	19.72	19.73		
5	QPSK	12	13	19.67	19.71	19.70		
5	QPSK	25	0	19.69	19.70	19.67		
5	16QAM	1	0	19.72	19.74	19.67	20	0
5	16QAM	1	12	19.76	19.62	19.64		
5	16QAM	1	24	19.74	19.69	19.73		
5	16QAM	12	0	19.74	19.63	19.69	20	0
5	16QAM	12	7	19.72	19.71	19.71		
5	16QAM	12	13	19.70	19.72	19.70		
5	16QAM	25	0	19.68	19.73	19.68		
5	64QAM	1	0	19.72	19.76	19.76	20	0
5	64QAM	1	12	19.73	19.75	19.63		
5	64QAM	1	24	19.69	19.70	19.68		
5	64QAM	12	0	19.73	19.68	19.69	20	0
5	64QAM	12	7	19.70	19.70	19.67		
5	64QAM	12	13	19.67	19.73	19.69		
5	64QAM	25	0	19.71	19.70	19.70		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.90	14.05	13.76	15.5	0
20	QPSK	1	49	13.84	13.92	13.84		
20	QPSK	1	99	13.89	14.02	13.95		
20	QPSK	50	0	13.95	14.01	13.81	15.5	0
20	QPSK	50	24	13.86	13.89	13.93		
20	QPSK	50	50	13.79	13.98	13.71		
20	QPSK	100	0	13.85	14.04	13.70		
20	16QAM	1	0	13.92	14.00	13.91	15.5	0
20	16QAM	1	49	13.75	13.87	13.80		
20	16QAM	1	99	13.80	13.89	13.71		
20	16QAM	50	0	13.99	13.83	13.91	15.5	0
20	16QAM	50	24	13.78	13.87	13.69		
20	16QAM	50	50	13.77	14.02	13.74		
20	16QAM	100	0	13.71	13.87	13.80		
20	64QAM	1	0	14.01	14.03	13.83	15.5	0
20	64QAM	1	49	13.88	13.89	13.83		
20	64QAM	1	99	13.77	13.88	13.74		
20	64QAM	50	0	13.82	13.82	13.83	15.5	0
20	64QAM	50	24	13.77	13.91	13.78		
20	64QAM	50	50	13.95	13.87	13.82		
20	64QAM	100	0	13.74	14.04	13.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.65	13.75	13.56	15.5	0
15	QPSK	1	37	13.62	13.70	13.61		
15	QPSK	1	74	13.58	13.92	13.70		
15	QPSK	36	0	13.81	13.93	13.52	15.5	0
15	QPSK	36	20	13.66	13.69	13.70		
15	QPSK	36	39	13.55	13.88	13.51		
15	QPSK	75	0	13.63	13.82	13.52		
15	16QAM	1	0	13.66	13.77	13.61	15.5	0
15	16QAM	1	37	13.54	13.66	13.69		
15	16QAM	1	74	13.51	13.65	13.54		
15	16QAM	36	0	13.80	13.65	13.65	15.5	0
15	16QAM	36	20	13.60	13.67	13.52		
15	16QAM	36	39	13.53	13.79	13.53		
15	16QAM	75	0	13.53	13.71	13.57		
15	64QAM	1	0	13.75	13.75	13.59	15.5	0
15	64QAM	1	37	13.67	13.78	13.53		
15	64QAM	1	74	13.57	13.74	13.52		
15	64QAM	36	0	13.59	13.67	13.70	15.5	0
15	64QAM	36	20	13.60	13.70	13.57		
15	64QAM	36	39	13.67	13.79	13.57		
15	64QAM	75	0	13.55	13.75	13.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.82	13.78	13.59	15.5	0
10	QPSK	1	25	13.65	13.79	13.66		
10	QPSK	1	49	13.73	13.71	13.77		
10	QPSK	25	0	13.87	13.92	13.63	15.5	0
10	QPSK	25	12	13.76	13.61	13.70		
10	QPSK	25	25	13.70	13.69	13.51		
10	QPSK	50	0	13.70	13.90	13.51		
10	16QAM	1	0	13.66	13.83	13.60	15.5	0
10	16QAM	1	25	13.58	13.77	13.62		
10	16QAM	1	49	13.64	13.70	13.52		
10	16QAM	25	0	13.88	13.63	13.72	15.5	0
10	16QAM	25	12	13.58	13.61	13.50		
10	16QAM	25	25	13.66	13.75	13.59		
10	16QAM	50	0	13.62	13.71	13.61		
10	64QAM	1	0	13.73	13.84	13.71	15.5	0
10	64QAM	1	25	13.79	13.76	13.70		
10	64QAM	1	49	13.66	13.72	13.59		
10	64QAM	25	0	13.71	13.69	13.65	15.5	0
10	64QAM	25	12	13.59	13.69	13.70		
10	64QAM	25	25	13.75	13.79	13.68		
10	64QAM	50	0	13.63	13.89	13.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.64	13.94	13.61	15.5	0
5	QPSK	1	12	13.55	13.66	13.70		
5	QPSK	1	24	13.79	13.73	13.65		
5	QPSK	12	0	13.64	13.77	13.65	15.5	0
5	QPSK	12	7	13.73	13.63	13.65		
5	QPSK	12	13	13.51	13.72	13.57		
5	QPSK	25	0	13.57	13.84	13.50		
5	16QAM	1	0	13.78	13.72	13.67	15.5	0
5	16QAM	1	12	13.59	13.72	13.60		
5	16QAM	1	24	13.70	13.60	13.52		
5	16QAM	12	0	13.84	13.55	13.60	15.5	0
5	16QAM	12	7	13.64	13.67	13.61		
5	16QAM	12	13	13.57	13.75	13.58		
5	16QAM	25	0	13.61	13.77	13.64		
5	64QAM	1	0	13.76	13.81	13.52	15.5	0
5	64QAM	1	12	13.62	13.77	13.55		
5	64QAM	1	24	13.58	13.65	13.66		
5	64QAM	12	0	13.73	13.57	13.56	15.5	0
5	64QAM	12	7	13.68	13.77	13.65		
5	64QAM	12	13	13.74	13.65	13.53		
5	64QAM	25	0	13.59	13.89	13.76		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.62	13.74	13.63	15.5	0
3	QPSK	1	8	13.61	13.63	13.52		
3	QPSK	1	14	13.74	13.91	13.77		
3	QPSK	8	0	13.83	13.86	13.68	15.5	0
3	QPSK	8	4	13.72	13.70	13.62		
3	QPSK	8	7	13.61	13.73	13.62		
3	QPSK	15	0	13.73	13.85	13.55		
3	16QAM	1	0	13.75	13.74	13.64	15.5	0
3	16QAM	1	8	13.58	13.57	13.70		
3	16QAM	1	14	13.68	13.72	13.55		
3	16QAM	8	0	13.80	13.65	13.67	15.5	0
3	16QAM	8	4	13.59	13.58	13.59		
3	16QAM	8	7	13.53	13.72	13.52		
3	16QAM	15	0	13.61	13.60	13.64		
3	64QAM	1	0	13.77	13.72	13.60	15.5	0
3	64QAM	1	8	13.73	13.73	13.60		
3	64QAM	1	14	13.63	13.72	13.52		
3	64QAM	8	0	13.68	13.59	13.52	15.5	0
3	64QAM	8	4	13.61	13.68	13.63		
3	64QAM	8	7	13.85	13.65	13.64		
3	64QAM	15	0	13.58	13.73	13.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.65	13.92	13.62	15.5	0
1.4	QPSK	1	3	13.56	13.82	13.75		
1.4	QPSK	1	5	13.71	13.84	13.74		
1.4	QPSK	3	0	13.78	13.72	13.58		
1.4	QPSK	3	1	13.72	13.71	13.65		
1.4	QPSK	3	3	13.55	13.68	13.51		
1.4	QPSK	6	0	13.73	13.86	13.55	15.5	0
1.4	16QAM	1	0	13.74	13.76	13.79	15.5	0
1.4	16QAM	1	3	13.56	13.73	13.58		
1.4	16QAM	1	5	13.64	13.77	13.56		
1.4	16QAM	3	0	13.81	13.62	13.69		
1.4	16QAM	3	1	13.57	13.61	13.50		
1.4	16QAM	3	3	13.59	13.88	13.55		
1.4	16QAM	6	0	13.56	13.68	13.61	15.5	0
1.4	64QAM	1	0	13.86	13.83	13.58	15.5	0
1.4	64QAM	1	3	13.79	13.61	13.55		
1.4	64QAM	1	5	13.60	13.76	13.65		
1.4	64QAM	3	0	13.66	13.70	13.51		
1.4	64QAM	3	1	13.51	13.65	13.57		
1.4	64QAM	3	3	13.76	13.58	13.55		
1.4	64QAM	6	0	13.52	13.74	13.75	15.5	0

Band 38 Ant8_DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.29	17.32	17.30	17.5	0
20	QPSK	1	49	17.19	17.29	17.13		
20	QPSK	1	99	17.17	17.26	17.23		
20	QPSK	50	0	17.26	17.30	17.15	17.5	0
20	QPSK	50	24	17.22	17.28	17.21		
20	QPSK	50	50	17.29	17.23	17.27		
20	QPSK	100	0	17.22	17.27	17.25		
20	16QAM	1	0	17.31	17.29	17.24	17.5	0
20	16QAM	1	49	17.26	17.22	17.29		
20	16QAM	1	99	17.17	17.30	17.25		
20	16QAM	50	0	17.24	17.30	17.30	17.5	0
20	16QAM	50	24	17.30	17.28	17.21		
20	16QAM	50	50	17.22	17.29	17.31		
20	16QAM	100	0	17.22	17.23	17.23		
20	64QAM	1	0	17.31	17.16	17.04	17.5	0
20	64QAM	1	49	17.21	17.20	17.10		
20	64QAM	1	99	17.27	17.26	17.23		
20	64QAM	50	0	17.29	17.22	17.12	17.5	0
20	64QAM	50	24	17.30	17.23	17.23		
20	64QAM	50	50	17.26	17.27	17.31		
20	64QAM	100	0	17.25	17.26	17.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.14	17.01	17.08	17.5	0
15	QPSK	1	37	17.07	17.09	17.16		
15	QPSK	1	74	17.14	17.15	17.21		
15	QPSK	36	0	17.30	17.25	17.25	17.5	0
15	QPSK	36	20	17.31	17.22	17.19		
15	QPSK	36	39	17.28	17.22	17.27		
15	QPSK	75	0	17.30	17.31	17.21		
15	16QAM	1	0	17.17	17.16	17.31	17.5	0
15	16QAM	1	37	17.20	17.15	17.28		
15	16QAM	1	74	17.17	17.14	17.18		
15	16QAM	36	0	17.24	17.20	17.19	17.5	0
15	16QAM	36	20	17.19	17.23	17.19		
15	16QAM	36	39	17.25	17.26	17.22		
15	16QAM	75	0	17.22	17.26	17.24		
15	64QAM	1	0	17.12	17.01	16.96	17.5	0
15	64QAM	1	37	17.17	17.03	17.00		
15	64QAM	1	74	17.07	17.11	17.23		
15	64QAM	36	0	17.29	17.26	17.30	17.5	0
15	64QAM	36	20	17.22	17.22	17.24		
15	64QAM	36	39	17.28	17.26	17.28		
15	64QAM	75	0	17.26	17.25	17.23		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.19	17.08	17.05	17.5	0
10	QPSK	1	25	17.15	17.22	17.19		
10	QPSK	1	49	17.21	16.98	17.17		
10	QPSK	25	0	17.17	17.21	17.24	17.5	0
10	QPSK	25	12	17.24	17.26	17.26		
10	QPSK	25	25	17.22	17.31	17.30		
10	QPSK	50	0	17.22	17.27	17.23		
10	16QAM	1	0	17.29	17.25	17.20	17.5	0
10	16QAM	1	25	17.21	17.15	17.28		
10	16QAM	1	49	17.27	17.09	17.22		
10	16QAM	25	0	17.27	17.20	17.29	17.5	0
10	16QAM	25	12	17.27	17.31	17.22		
10	16QAM	25	25	17.31	17.22	17.31		
10	16QAM	50	0	17.22	17.28	17.21		
10	64QAM	1	0	17.03	16.80	16.74	17.5	0
10	64QAM	1	25	17.03	16.79	17.03		
10	64QAM	1	49	16.90	17.01	17.03		
10	64QAM	25	0	17.27	17.22	17.27	17.5	0
10	64QAM	25	12	17.29	17.23	17.29		
10	64QAM	25	25	17.22	17.24	17.21		
10	64QAM	50	0	17.22	17.25	17.23		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.11	17.25	17.26	17.5	0
5	QPSK	1	12	17.25	17.27	17.22		
5	QPSK	1	24	17.15	17.22	17.23		
5	QPSK	12	0	17.27	17.18	17.18	17.5	0
5	QPSK	12	7	17.30	17.22	17.24		
5	QPSK	12	13	17.04	17.23	17.27		
5	QPSK	25	0	17.23	17.31	17.16		
5	16QAM	1	0	17.30	17.31	17.21	17.5	0
5	16QAM	1	12	17.08	17.24	17.11		
5	16QAM	1	24	17.29	17.21	17.14		
5	16QAM	12	0	17.26	17.05	17.10	17.5	0
5	16QAM	12	7	17.22	17.26	17.28		
5	16QAM	12	13	17.08	17.03	17.22		
5	16QAM	25	0	17.23	17.22	17.31		
5	64QAM	1	0	16.77	17.08	17.22	17.5	0
5	64QAM	1	12	17.22	17.16	17.26		
5	64QAM	1	24	17.04	17.22	17.22		
5	64QAM	12	0	17.22	17.08	17.17	17.5	0
5	64QAM	12	7	17.23	17.23	17.22		
5	64QAM	12	13	17.19	17.16	17.25		
5	64QAM	25	0	17.27	17.25	17.20		

Band 38 Ant8_DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.69	16.92	16.80	17	0
20	QPSK	1	49	16.58	16.78	16.75		
20	QPSK	1	99	16.60	16.67	16.72		
20	QPSK	50	0	16.73	16.91	16.75	17	0
20	QPSK	50	24	16.63	16.88	16.66		
20	QPSK	50	50	16.86	16.80	16.66		
20	QPSK	100	0	16.78	16.81	16.79		
20	16QAM	1	0	16.77	16.82	16.71	17	0
20	16QAM	1	49	16.88	16.82	16.82		
20	16QAM	1	99	16.77	16.76	16.85		
20	16QAM	50	0	16.70	16.70	16.75	17	0
20	16QAM	50	24	16.73	16.69	16.60		
20	16QAM	50	50	16.79	16.68	16.70		
20	16QAM	100	0	16.82	16.63	16.79		
20	64QAM	1	0	16.82	16.78	16.47	17	0
20	64QAM	1	49	16.80	16.81	16.70		
20	64QAM	1	99	16.80	16.67	16.69		
20	64QAM	50	0	16.74	16.71	16.52	17	0
20	64QAM	50	24	16.72	16.83	16.77		
20	64QAM	50	50	16.76	16.83	16.76		
20	64QAM	100	0	16.80	16.71	16.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.56	16.71	16.53	17	0
15	QPSK	1	37	16.36	16.63	16.43		
15	QPSK	1	74	16.43	16.36	16.60		
15	QPSK	36	0	16.56	16.66	16.60	17	0
15	QPSK	36	20	16.51	16.60	16.46		
15	QPSK	36	39	16.64	16.51	16.54		
15	QPSK	75	0	16.55	16.55	16.64		
15	16QAM	1	0	16.69	16.56	16.39	17	0
15	16QAM	1	37	16.69	16.67	16.52		
15	16QAM	1	74	16.61	16.55	16.75		
15	16QAM	36	0	16.55	16.55	16.47	17	0
15	16QAM	36	20	16.61	16.55	16.45		
15	16QAM	36	39	16.49	16.56	16.51		
15	16QAM	75	0	16.51	16.44	16.53		
15	64QAM	1	0	16.65	16.61	16.28	17	0
15	64QAM	1	37	16.57	16.52	16.39		
15	64QAM	1	74	16.57	16.39	16.57		
15	64QAM	36	0	16.61	16.47	16.25	17	0
15	64QAM	36	20	16.45	16.60	16.62		
15	64QAM	36	39	16.48	16.75	16.63		
15	64QAM	75	0	16.68	16.56	16.63		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.54	16.75	16.69	17	0
10	QPSK	1	25	16.28	16.57	16.51		
10	QPSK	1	49	16.35	16.54	16.64		
10	QPSK	25	0	16.43	16.67	16.65	17	0
10	QPSK	25	12	16.47	16.68	16.36		
10	QPSK	25	25	16.75	16.60	16.50		
10	QPSK	50	0	16.58	16.69	16.53		
10	16QAM	1	0	16.57	16.68	16.54	17	0
10	16QAM	1	25	16.70	16.58	16.65		
10	16QAM	1	49	16.50	16.64	16.55		
10	16QAM	25	0	16.54	16.44	16.49	17	0
10	16QAM	25	12	16.64	16.46	16.50		
10	16QAM	25	25	16.61	16.49	16.57		
10	16QAM	50	0	16.61	16.35	16.64		
10	64QAM	1	0	16.67	16.61	16.22	17	0
10	64QAM	1	25	16.66	16.64	16.57		
10	64QAM	1	49	16.53	16.41	16.52		
10	64QAM	25	0	16.43	16.62	16.40	17	0
10	64QAM	25	12	16.51	16.60	16.52		
10	64QAM	25	25	16.55	16.56	16.49		
10	64QAM	50	0	16.65	16.44	16.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.45	16.61	16.66	17	0
5	QPSK	1	12	16.42	16.67	16.48		
5	QPSK	1	24	16.35	16.41	16.58		
5	QPSK	12	0	16.50	16.52	16.52	17	0
5	QPSK	12	7	16.43	16.65	16.56		
5	QPSK	12	13	16.73	16.49	16.54		
5	QPSK	25	0	16.47	16.51	16.54		
5	16QAM	1	0	16.63	16.64	16.41	17	0
5	16QAM	1	12	16.68	16.67	16.67		
5	16QAM	1	24	16.59	16.50	16.68		
5	16QAM	12	0	16.44	16.53	16.52	17	0
5	16QAM	12	7	16.43	16.57	16.46		
5	16QAM	12	13	16.56	16.51	16.52		
5	16QAM	25	0	16.51	16.37	16.57		
5	64QAM	1	0	16.51	16.56	16.25	17	0
5	64QAM	1	12	16.70	16.69	16.55		
5	64QAM	1	24	16.57	16.38	16.59		
5	64QAM	12	0	16.60	16.43	16.44	17	0
5	64QAM	12	7	16.61	16.58	16.63		
5	64QAM	12	13	16.53	16.58	16.54		
5	64QAM	25	0	16.68	16.49	16.52		

Band 38 Ant8_DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.28	22.31	22.26	22.5	0
20	QPSK	1	49	22.15	22.25	22.22		
20	QPSK	1	99	22.23	22.11	22.13		
20	QPSK	50	0	22.18	22.20	22.22	22.5	0
20	QPSK	50	24	22.21	22.21	22.18		
20	QPSK	50	50	22.24	22.23	22.24		
20	QPSK	100	0	22.22	22.25	22.23		
20	16QAM	1	0	22.23	22.26	22.18	22.5	0
20	16QAM	1	49	22.19	22.17	22.24		
20	16QAM	1	99	22.16	22.19	22.13		
20	16QAM	50	0	22.23	22.18	22.25	22.5	0
20	16QAM	50	24	22.22	22.21	22.29		
20	16QAM	50	50	22.22	22.30	22.27		
20	16QAM	100	0	22.26	22.24	22.28		
20	64QAM	1	0	22.00	21.97	21.97	22.5	0
20	64QAM	1	49	22.05	21.99	22.14		
20	64QAM	1	99	22.02	22.02	21.99		
20	64QAM	50	0	21.19	21.25	21.26	21.5	1
20	64QAM	50	24	21.22	21.20	21.25		
20	64QAM	50	50	21.26	21.27	21.25		
20	64QAM	100	0	21.26	21.29	21.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.18	22.14	22.5	0
15	QPSK	1	37	22.11	22.14	22.17		
15	QPSK	1	74	22.11	22.15	22.16		
15	QPSK	36	0	22.22	22.25	22.25	22.5	0
15	QPSK	36	20	22.21	22.24	22.22		
15	QPSK	36	39	22.21	22.22	22.22		
15	QPSK	75	0	22.29	22.20	22.27		
15	16QAM	1	0	22.23	22.18	22.24	22.5	0
15	16QAM	1	37	22.18	22.25	22.26		
15	16QAM	1	74	22.28	22.22	22.20		
15	16QAM	36	0	22.25	22.12	22.09	22.5	0
15	16QAM	36	20	22.16	22.18	22.17		
15	16QAM	36	39	22.23	22.28	22.29		
15	16QAM	75	0	22.23	22.26	22.28		
15	64QAM	1	0	22.16	22.01	21.99	22.5	0
15	64QAM	1	37	21.94	21.94	22.03		
15	64QAM	1	74	22.00	22.02	22.10		
15	64QAM	36	0	21.26	21.30	21.29	21.5	1
15	64QAM	36	20	21.29	21.26	21.18		
15	64QAM	36	39	21.36	21.38	21.27		
15	64QAM	75	0	21.31	21.39	21.28		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.24	22.28	22.27	22.5	0
10	QPSK	1	25	22.19	22.18	22.28		
10	QPSK	1	49	22.25	22.14	22.25		
10	QPSK	25	0	22.28	22.26	22.26	22.5	0
10	QPSK	25	12	22.22	22.30	22.22		
10	QPSK	25	25	22.29	22.24	22.23		
10	QPSK	50	0	22.23	22.22	22.21		
10	16QAM	1	0	22.23	22.22	22.22	22.5	0
10	16QAM	1	25	22.25	22.27	22.22		
10	16QAM	1	49	22.22	22.23	22.21		
10	16QAM	25	0	22.24	22.16	22.23	22.5	0
10	16QAM	25	12	22.23	22.22	22.26		
10	16QAM	25	25	22.29	22.27	22.29		
10	16QAM	50	0	22.26	22.21	22.20		
10	64QAM	1	0	22.15	22.20	22.18	22.5	0
10	64QAM	1	25	22.21	22.21	22.26		
10	64QAM	1	49	22.22	22.25	22.29		
10	64QAM	25	0	21.28	21.22	21.09	21.5	1
10	64QAM	25	12	21.37	21.40	21.37		
10	64QAM	25	25	21.33	21.31	21.31		
10	64QAM	50	0	21.30	21.33	21.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.23	22.22	22.25	22.5	0
5	QPSK	1	12	22.22	22.22	22.22		
5	QPSK	1	24	22.17	22.04	22.19		
5	QPSK	12	0	22.23	22.10	22.21	22.5	0
5	QPSK	12	7	22.22	22.27	22.22		
5	QPSK	12	13	22.15	22.27	22.21		
5	QPSK	25	0	22.29	22.24	22.23		
5	16QAM	1	0	22.26	22.11	22.25	22.5	0
5	16QAM	1	12	22.04	21.98	22.22		
5	16QAM	1	24	22.06	22.21	22.04		
5	16QAM	12	0	22.27	22.19	22.26	22.5	0
5	16QAM	12	7	22.29	22.30	22.26		
5	16QAM	12	13	22.26	22.26	22.16		
5	16QAM	25	0	22.24	22.30	22.22		
5	64QAM	1	0	22.15	22.03	22.05	22.5	0
5	64QAM	1	12	22.25	22.05	22.03		
5	64QAM	1	24	22.08	22.06	22.02		
5	64QAM	12	0	21.26	21.09	21.04	21.5	1
5	64QAM	12	7	21.29	21.45	21.25		
5	64QAM	12	13	21.19	21.30	21.25		
5	64QAM	25	0	21.27	21.22	21.22		

Band 41 Ant8_DSI5

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	17.33	17.32	17.37	17.32	17.36	17.5	0
20	QPSK	1	49	17.35	17.26	17.24	17.23	17.09		
20	QPSK	1	99	17.28	17.18	17.27	17.22	17.03		
20	QPSK	50	0	17.28	17.33	17.35	17.27	17.25	17.5	0
20	QPSK	50	24	17.32	17.26	17.27	17.31	17.22		
20	QPSK	50	50	17.33	17.22	17.21	17.32	17.14		
20	QPSK	100	0	17.32	17.31	17.34	17.28	17.32		
20	16QAM	1	0	17.32	17.31	17.35	17.33	17.30	17.5	0
20	16QAM	1	49	17.29	17.35	17.30	17.25	17.17		
20	16QAM	1	99	17.27	17.31	17.32	17.30	17.15		
20	16QAM	50	0	17.21	17.33	17.32	17.29	17.24	17.5	0
20	16QAM	50	24	17.29	17.32	17.34	17.31	17.24		
20	16QAM	50	50	17.28	17.30	17.32	17.31	17.20		
20	16QAM	100	0	17.23	17.32	17.34	17.27	17.22		
20	64QAM	1	0	17.14	17.06	17.12	17.14	17.18	17.5	0
20	64QAM	1	49	17.18	17.05	17.16	17.23	17.06		
20	64QAM	1	99	17.22	17.04	17.18	17.07	17.21		
20	64QAM	50	0	17.27	17.27	17.25	17.24	17.21	17.5	0
20	64QAM	50	24	17.33	17.35	17.27	17.27	17.19		
20	64QAM	50	50	17.31	17.33	17.32	17.29	17.15		
20	64QAM	100	0	17.22	17.33	17.22	17.34	17.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.24	17.22	17.17	17.19	17.02	18	0
15	QPSK	1	37	17.21	17.18	17.16	17.17	17.03		
15	QPSK	1	74	17.21	17.25	17.28	17.21	17.05		
15	QPSK	36	0	17.34	17.23	17.29	17.27	17.21	17.5	0
15	QPSK	36	20	17.34	17.32	17.34	17.32	17.16		
15	QPSK	36	39	17.31	17.30	17.35	17.33	17.14		
15	QPSK	75	0	17.33	17.34	17.32	17.35	17.19		
15	16QAM	1	0	17.32	17.35	17.30	17.29	17.26	17.5	0
15	16QAM	1	37	17.32	17.28	17.29	17.24	17.15		
15	16QAM	1	74	17.29	17.34	17.32	17.32	17.22		
15	16QAM	36	0	17.30	17.24	17.25	17.26	17.21	17.5	0
15	16QAM	36	20	17.30	17.32	17.35	17.32	17.16		
15	16QAM	36	39	17.35	17.32	17.34	17.29	17.14		
15	16QAM	75	0	17.30	17.31	17.31	17.36	17.19		
15	64QAM	1	0	17.33	17.11	17.17	17.15	17.15	17.5	0
15	64QAM	1	37	17.22	17.15	17.09	17.14	17.01		
15	64QAM	1	74	17.27	17.12	17.23	17.21	17.04		
15	64QAM	36	0	17.30	17.31	17.30	17.30	17.24	17.5	0
15	64QAM	36	20	17.31	17.33	17.23	17.34	17.18		
15	64QAM	36	39	17.27	17.32	17.32	17.35	17.12		
15	64QAM	75	0	17.22	17.33	17.32	17.35	17.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.21	17.24	17.23	17.25	17.09	18	0
10	QPSK	1	25	17.19	17.26	17.20	17.25	17.10		
10	QPSK	1	49	17.21	17.27	17.20	17.18	17.05		
10	QPSK	25	0	17.22	17.22	17.29	17.22	17.24	17.5	0
10	QPSK	25	12	17.27	17.29	17.22	17.31	17.22		
10	QPSK	25	25	17.28	17.25	17.26	17.24	17.19		
10	QPSK	50	0	17.28	17.22	17.32	17.18	17.23	17.5	0
10	16QAM	1	0	17.34	17.32	17.28	17.22	17.26		
10	16QAM	1	25	17.30	17.31	17.22	17.26	17.23		
10	16QAM	1	49	17.21	17.21	17.26	17.23	17.09		
10	16QAM	25	0	17.34	17.34	17.30	17.09	17.20	17.5	0
10	16QAM	25	12	17.29	17.31	17.27	17.20	17.18		
10	16QAM	25	25	17.34	17.32	17.13	17.18	17.14		
10	16QAM	50	0	17.17	17.17	17.24	17.14	17.14		
10	64QAM	1	0	17.19	17.24	17.22	17.20	17.27	17.5	0
10	64QAM	1	25	17.11	17.19	17.18	17.23	17.21		
10	64QAM	1	49	17.18	17.16	17.24	17.15	17.23		
10	64QAM	25	0	17.31	17.29	17.27	17.15	17.19	17.5	0
10	64QAM	25	12	17.25	17.27	17.19	17.25	17.26		
10	64QAM	25	25	17.27	17.25	17.19	17.31	17.20		
10	64QAM	50	0	17.23	17.31	17.20	17.23	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	17.20	17.23	17.23	17.21	17.12	18	0
5	QPSK	1	12	17.21	17.32	17.33	17.27	17.07		
5	QPSK	1	24	17.20	17.23	17.24	17.19	17.06		
5	QPSK	12	0	17.33	17.27	17.29	17.20	17.15	17.5	0
5	QPSK	12	7	17.32	17.29	17.24	17.28	17.23		
5	QPSK	12	13	17.35	17.33	17.32	17.33	17.16		
5	QPSK	25	0	17.27	17.32	17.35	17.24	17.14		
5	16QAM	1	0	17.25	17.24	17.23	17.28	17.14	17.5	0
5	16QAM	1	12	17.28	17.31	17.30	17.34	17.20		
5	16QAM	1	24	17.28	17.29	17.26	17.33	17.16		
5	16QAM	12	0	17.32	17.25	17.28	17.24	17.22	17.5	0
5	16QAM	12	7	17.35	17.31	17.23	17.33	17.22		
5	16QAM	12	13	17.28	17.32	17.33	17.35	17.14		
5	16QAM	25	0	17.32	17.32	17.32	17.33	17.24		
5	64QAM	1	0	17.03	17.01	17.05	17.06	16.95	17.5	0
5	64QAM	1	12	17.03	17.15	17.19	17.12	16.94		
5	64QAM	1	24	17.05	17.07	17.12	17.05	16.93		
5	64QAM	12	0	17.31	17.24	17.28	17.27	17.17	17.5	0
5	64QAM	12	7	17.34	17.32	17.33	17.32	17.23		
5	64QAM	12	13	17.31	17.34	17.34	17.33	17.15		
5	64QAM	25	0	17.27	17.34	17.34	17.27	17.15		

Band 41 Ant8_DSI1

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	16.89	16.86	16.96	16.87	16.81	17	0
20	QPSK	1	49	16.86	16.64	16.74	16.62	16.66		
20	QPSK	1	99	16.71	16.60	16.71	16.75	16.59		
20	QPSK	50	0	16.67	16.85	16.89	16.84	16.64	17	0
20	QPSK	50	24	16.83	16.77	16.78	16.71	16.84		
20	QPSK	50	50	16.80	16.73	16.80	16.88	16.54		
20	QPSK	100	0	16.86	16.75	16.94	16.80	16.92		
20	16QAM	1	0	16.76	16.88	16.95	16.88	16.83	17	0
20	16QAM	1	49	16.88	16.73	16.79	16.73	16.59		
20	16QAM	1	99	16.82	16.87	16.93	16.87	16.69		
20	16QAM	50	0	16.70	16.82	16.76	16.86	16.72	17	0
20	16QAM	50	24	16.89	16.75	16.82	16.73	16.83		
20	16QAM	50	50	16.82	16.83	16.78	16.89	16.59		
20	16QAM	100	0	16.80	16.79	16.89	16.83	16.66		
20	64QAM	1	0	16.54	16.63	16.68	16.67	16.70	17	0
20	64QAM	1	49	16.79	16.64	16.56	16.78	16.62		
20	64QAM	1	99	16.77	16.60	16.80	16.68	16.67		
20	64QAM	50	0	16.76	16.69	16.74	16.62	16.80	17	0
20	64QAM	50	24	16.90	16.95	16.71	16.79	16.69		
20	64QAM	50	50	16.71	16.84	16.82	16.77	16.71		
20	64QAM	100	0	16.62	16.91	16.81	16.75	16.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.67	16.54	16.65	16.79	16.73	17	0
15	QPSK	1	37	16.76	16.34	16.55	16.50	16.54		
15	QPSK	1	74	16.45	16.32	16.45	16.58	16.42		
15	QPSK	36	0	16.35	16.67	16.80	16.69	16.55	17	0
15	QPSK	36	20	16.53	16.52	16.54	16.58	16.69		
15	QPSK	36	39	16.62	16.49	16.61	16.72	16.38		
15	QPSK	75	0	16.58	16.63	16.76	16.53	16.74		
15	16QAM	1	0	16.56	16.70	16.63	16.71	16.69	17	0
15	16QAM	1	37	16.75	16.48	16.54	16.48	16.47		
15	16QAM	1	74	16.61	16.71	16.77	16.68	16.50		
15	16QAM	36	0	16.47	16.52	16.49	16.65	16.44	17	0
15	16QAM	36	20	16.68	16.66	16.58	16.45	16.62		
15	16QAM	36	39	16.71	16.53	16.65	16.72	16.50		
15	16QAM	75	0	16.65	16.52	16.65	16.62	16.48		
15	64QAM	1	0	16.45	16.50	16.53	16.37	16.60	17	0
15	64QAM	1	37	16.56	16.43	16.39	16.58	16.42		
15	64QAM	1	74	16.50	16.30	16.66	16.39	16.40		
15	64QAM	36	0	16.57	16.38	16.62	16.46	16.65	17	0
15	64QAM	36	20	16.81	16.66	16.61	16.67	16.43		
15	64QAM	36	39	16.42	16.63	16.53	16.52	16.50		
15	64QAM	75	0	16.39	16.77	16.50	16.63	16.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.80	16.73	16.65	16.67	16.59	17	0
10	QPSK	1	25	16.60	16.55	16.54	16.50	16.57		
10	QPSK	1	49	16.39	16.45	16.54	16.58	16.37		
10	QPSK	25	0	16.45	16.55	16.68	16.67	16.43	17	0
10	QPSK	25	12	16.71	16.66	16.59	16.39	16.69		
10	QPSK	25	25	16.61	16.61	16.61	16.57	16.29		
10	QPSK	50	0	16.56	16.48	16.73	16.49	16.78		
10	16QAM	1	0	16.48	16.67	16.86	16.78	16.56	17	0
10	16QAM	1	25	16.65	16.41	16.66	16.45	16.39		
10	16QAM	1	49	16.62	16.68	16.70	16.59	16.58		
10	16QAM	25	0	16.46	16.70	16.49	16.65	16.46	17	0
10	16QAM	25	12	16.78	16.64	16.64	16.58	16.61		
10	16QAM	25	25	16.51	16.71	16.67	16.58	16.32		
10	16QAM	50	0	16.61	16.68	16.57	16.62	16.56		
10	64QAM	1	0	16.42	16.44	16.42	16.44	16.41	17	0
10	64QAM	1	25	16.65	16.52	16.40	16.70	16.43		
10	64QAM	1	49	16.45	16.51	16.58	16.36	16.41		
10	64QAM	25	0	16.56	16.58	16.53	16.31	16.53	17	0
10	64QAM	25	12	16.59	16.71	16.53	16.50	16.59		
10	64QAM	25	25	16.53	16.69	16.55	16.46	16.57		
10	64QAM	50	0	16.51	16.80	16.49	16.66	16.54		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	16.72	16.72	16.66	16.72	16.57	17	0
5	QPSK	1	12	16.67	16.39	16.49	16.52	16.51		
5	QPSK	1	24	16.62	16.31	16.39	16.61	16.38		
5	QPSK	12	0	16.55	16.67	16.64	16.66	16.47	17	0
5	QPSK	12	7	16.66	16.55	16.50	16.57	16.72		
5	QPSK	12	13	16.70	16.49	16.63	16.73	16.27		
5	QPSK	25	0	16.62	16.51	16.65	16.49	16.72		
5	16QAM	1	0	16.44	16.72	16.73	16.74	16.66	17	0
5	16QAM	1	12	16.58	16.51	16.51	16.63	16.46		
5	16QAM	1	24	16.70	16.69	16.68	16.73	16.59		
5	16QAM	12	0	16.48	16.67	16.54	16.58	16.43	17	0
5	16QAM	12	7	16.72	16.61	16.64	16.58	16.64		
5	16QAM	12	13	16.72	16.64	16.63	16.80	16.30		
5	16QAM	25	0	16.65	16.49	16.60	16.70	16.34		
5	64QAM	1	0	16.34	16.45	16.51	16.46	16.56	17	0
5	64QAM	1	12	16.50	16.54	16.41	16.66	16.38		
5	64QAM	1	24	16.49	16.40	16.49	16.53	16.44		
5	64QAM	12	0	16.57	16.48	16.56	16.33	16.52	17	0
5	64QAM	12	7	16.77	16.75	16.58	16.50	16.56		
5	64QAM	12	13	16.60	16.70	16.65	16.64	16.49		
5	64QAM	25	0	16.47	16.79	16.71	16.53	16.48		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.21	23.24	23.25	23.21	23.17	23.5	0
20	QPSK	1	49	23.21	23.22	23.23	23.22	23.04		
20	QPSK	1	99	23.15	23.22	23.22	23.22	23.01		
20	QPSK	50	0	23.21	23.19	23.23	23.06	23.22	23.5	0
20	QPSK	50	24	23.04	23.20	23.20	23.09	23.04		
20	QPSK	50	50	23.15	23.19	23.18	23.13	22.94		
20	QPSK	100	0	23.16	23.17	23.20	23.16	23.17		
20	16QAM	1	0	23.24	23.13	23.16	23.14	23.10	23.5	0
20	16QAM	1	49	23.23	23.13	23.12	23.11	22.98		
20	16QAM	1	99	23.17	23.12	23.18	23.11	22.92		
20	16QAM	50	0	22.11	21.94	21.93	21.90	21.87	22.5	1
20	16QAM	50	24	22.11	22.02	22.01	21.93	21.84		
20	16QAM	50	50	22.08	22.02	22.02	21.95	21.78		
20	16QAM	100	0	22.19	21.98	21.99	21.87	21.81		
20	64QAM	1	0	22.05	21.84	21.87	21.85	21.80	22.5	1
20	64QAM	1	49	22.07	21.83	21.91	21.86	21.72		
20	64QAM	1	99	22.02	21.81	21.90	21.85	21.69		
20	64QAM	50	0	21.35	21.09	21.05	21.05	21.02	21.5	2
20	64QAM	50	24	21.36	21.18	21.15	21.05	20.97		
20	64QAM	50	50	21.33	21.14	21.14	21.09	20.91		
20	64QAM	100	0	21.52	21.23	21.23	21.14	21.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.22	23.18	23.21	23.17	23.06	23.50	0
15	QPSK	1	37	23.19	23.20	23.19	23.18	23.00		
15	QPSK	1	74	23.19	23.15	23.21	23.24	23.02		
15	QPSK	36	0	23.06	23.12	23.07	23.09	23.00	23.5	0
15	QPSK	36	20	23.21	23.17	23.18	23.18	22.97		
15	QPSK	36	39	23.12	23.16	23.17	23.13	22.92		
15	QPSK	75	0	23.01	23.18	23.15	23.14	22.96		
15	16QAM	1	0	23.14	23.10	23.13	23.14	23.02	23.5	0
15	16QAM	1	37	23.19	23.12	23.11	23.09	22.94		
15	16QAM	1	74	23.21	23.21	23.15	23.21	23.00		
15	16QAM	36	0	22.27	22.09	22.04	22.06	21.98	22.5	1
15	16QAM	36	20	22.26	22.13	22.15	22.11	21.95		
15	16QAM	36	39	22.22	22.13	22.12	22.09	21.91		
15	16QAM	75	0	22.29	22.18	22.18	22.18	21.98		
15	64QAM	1	0	22.08	21.82	21.83	21.86	21.73	22.5	1
15	64QAM	1	37	22.04	21.85	21.92	21.86	21.70		
15	64QAM	1	74	22.06	21.93	21.92	21.94	21.73		
15	64QAM	36	0	21.39	21.12	21.11	21.09	21.01	21.5	2
15	64QAM	36	20	21.38	21.18	21.17	21.14	20.96		
15	64QAM	36	39	21.37	21.15	21.16	21.13	20.95		
15	64QAM	75	0	21.41	21.19	21.19	21.19	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.06	23.21	23.21	23.17	23.14	23.50	0
10	QPSK	1	25	23.12	23.04	23.22	23.06	23.12		
10	QPSK	1	49	23.14	23.05	23.15	23.01	23.07		
10	QPSK	25	0	23.24	23.13	23.10	23.10	23.02	23.5	0
10	QPSK	25	12	23.06	23.23	23.21	23.13	23.04		
10	QPSK	25	25	23.24	23.18	23.21	23.19	22.97		
10	QPSK	50	0	23.22	23.19	23.19	23.13	23.03		
10	16QAM	1	0	23.23	23.20	23.23	23.22	23.09	23.5	0
10	16QAM	1	25	23.03	23.22	23.17	23.20	23.08		
10	16QAM	1	49	23.05	23.23	23.22	23.21	22.99		
10	16QAM	25	0	22.29	22.12	22.17	22.14	22.07	22.5	1
10	16QAM	25	12	22.31	22.23	22.26	22.19	22.09		
10	16QAM	25	25	22.25	22.23	22.19	22.22	22.04		
10	16QAM	50	0	22.30	22.25	22.24	22.16	22.07		
10	64QAM	1	0	22.28	21.97	22.02	22.04	21.95	22.5	1
10	64QAM	1	25	22.31	22.05	22.13	22.07	21.92		
10	64QAM	1	49	22.28	22.08	22.07	22.09	21.89		
10	64QAM	25	0	21.38	21.10	21.11	21.11	21.02	21.5	2
10	64QAM	25	12	21.32	21.22	21.21	21.13	21.05		
10	64QAM	25	25	21.38	21.13	21.20	21.16	20.97		
10	64QAM	50	0	21.38	21.16	21.18	21.14	20.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.21	23.21	23.23	23.22	23.11	23.50	0
5	QPSK	1	12	23.23	23.05	23.22	23.07	23.08		
5	QPSK	1	24	23.22	23.21	23.21	23.23	23.01		
5	QPSK	12	0	23.22	23.09	23.09	23.09	22.90	23.5	0
5	QPSK	12	7	23.12	23.21	23.20	23.21	23.04		
5	QPSK	12	13	23.21	23.17	23.16	23.19	22.97		
5	QPSK	25	0	23.18	23.15	23.14	23.05	22.94		
5	16QAM	1	0	23.10	23.05	23.01	23.02	22.90	23.5	0
5	16QAM	1	12	23.21	23.13	23.14	23.15	22.96		
5	16QAM	1	24	23.18	23.10	23.14	23.09	22.90		
5	16QAM	12	0	22.23	22.10	22.08	22.08	21.99	22.5	1
5	16QAM	12	7	22.17	22.26	22.25	22.24	22.02		
5	16QAM	12	13	22.16	22.15	22.14	22.16	21.89		
5	16QAM	25	0	22.27	22.20	22.21	22.07	22.00		
5	64QAM	1	0	22.11	21.86	21.80	21.85	21.71	22.5	1
5	64QAM	1	12	22.17	21.93	21.96	21.89	21.72		
5	64QAM	1	24	22.09	21.91	21.85	21.87	21.70		
5	64QAM	12	0	21.37	21.06	21.08	21.04	20.94	21.5	2
5	64QAM	12	7	21.31	21.23	21.24	21.20	21.02		
5	64QAM	12	13	21.36	21.16	21.16	21.10	20.94		
5	64QAM	25	0	21.35	21.13	21.15	21.07	20.95		

Band 42_Ant 11 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.78	19.27	19.23	19.5	0
20	QPSK	1	49	18.92	19.01	19.11		
20	QPSK	1	99	18.82	18.94	19.04		
20	QPSK	50	0	18.87	19.23	19.22	19.5	0
20	QPSK	50	24	18.77	18.98	19.14		
20	QPSK	50	50	18.96	19.00	19.03		
20	QPSK	100	0	18.98	19.17	19.10		
20	16QAM	1	0	18.98	19.12	19.14	19.5	0
20	16QAM	1	49	18.92	19.07	19.20		
20	16QAM	1	99	18.96	18.84	19.08		
20	16QAM	50	0	18.86	18.91	19.09	19.5	0
20	16QAM	50	24	18.84	19.24	19.12		
20	16QAM	50	50	18.89	18.97	19.17		
20	16QAM	100	0	18.96	19.04	19.24		
20	64QAM	1	0	18.87	19.26	19.14	19.5	0
20	64QAM	1	49	18.76	18.89	19.11		
20	64QAM	1	99	18.78	18.93	19.14		
20	64QAM	50	0	18.88	18.84	19.17	19.5	0
20	64QAM	50	24	18.83	19.18	19.08		
20	64QAM	50	50	18.73	19.09	19.18		
20	64QAM	100	0	18.89	19.01	19.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.68	19.06	18.95	19.5	0
15	QPSK	1	37	18.65	18.81	18.99		
15	QPSK	1	74	18.78	18.83	18.89		
15	QPSK	36	0	18.70	18.95	19.05	19.5	0
15	QPSK	36	20	18.66	18.67	18.89		
15	QPSK	36	39	18.81	18.78	18.89		
15	QPSK	75	0	18.72	18.99	18.99		
15	16QAM	1	0	18.82	18.99	18.90	19.5	0
15	16QAM	1	37	18.76	18.88	18.95		
15	16QAM	1	74	18.74	18.74	18.91		
15	16QAM	36	0	18.57	19.05	19.01	19.5	0
15	16QAM	36	20	18.61	18.79	18.97		
15	16QAM	36	39	18.66	18.82	18.77		
15	16QAM	75	0	18.66	18.94	19.10		
15	64QAM	1	0	18.66	19.07	19.03	19.5	0
15	64QAM	1	37	18.59	18.79	18.84		
15	64QAM	1	74	18.60	18.73	18.94		
15	64QAM	36	0	18.61	18.71	19.00	19.5	0
15	64QAM	36	20	18.59	18.97	18.86		
15	64QAM	36	39	18.59	18.83	18.91		
15	64QAM	75	0	18.80	18.70	19.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.76	19.00	18.93	19.5	0
10	QPSK	1	25	18.50	18.69	18.88		
10	QPSK	1	49	18.84	18.68	18.95		
10	QPSK	25	0	18.62	19.02	19.08	19.5	0
10	QPSK	25	12	18.60	18.75	18.97		
10	QPSK	25	25	18.74	18.84	18.73		
10	QPSK	50	0	18.66	18.99	18.87		
10	16QAM	1	0	18.83	19.00	18.96	19.5	0
10	16QAM	1	25	18.79	18.85	19.06		
10	16QAM	1	49	18.77	18.61	18.93		
10	16QAM	25	0	18.76	18.64	18.88	19.5	0
10	16QAM	25	12	18.71	19.00	18.83		
10	16QAM	25	25	18.63	18.71	19.00		
10	16QAM	50	0	18.75	18.77	19.13		
10	64QAM	1	0	18.69	18.97	18.86	19.5	0
10	64QAM	1	25	18.61	18.62	18.80		
10	64QAM	1	49	18.49	18.72	18.92		
10	64QAM	25	0	18.74	19.04	18.97	19.5	0
10	64QAM	25	12	18.57	18.67	18.94		
10	64QAM	25	25	18.74	18.86	18.91		
10	64QAM	50	0	18.64	18.82	19.02		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.67	18.98	19.00	19.5	0
5	QPSK	1	12	18.53	18.67	18.88		
5	QPSK	1	24	18.75	18.89	18.86		
5	QPSK	12	0	18.59	18.97	18.95	19.5	0
5	QPSK	12	7	18.60	18.89	18.98		
5	QPSK	12	13	18.78	18.78	18.87		
5	QPSK	25	0	18.74	18.92	18.92		
5	16QAM	1	0	18.74	18.96	19.02	19.5	0
5	16QAM	1	12	18.61	18.76	19.08		
5	16QAM	1	24	18.69	18.72	18.95		
5	16QAM	12	0	18.77	18.93	19.01	19.5	0
5	16QAM	12	7	18.63	18.81	18.86		
5	16QAM	12	13	18.68	18.72	18.79		
5	16QAM	25	0	18.82	18.79	18.95		
5	64QAM	1	0	18.77	18.97	19.03	19.5	0
5	64QAM	1	12	18.59	18.79	18.83		
5	64QAM	1	24	18.83	18.71	18.95		
5	64QAM	12	0	18.62	18.98	19.03	19.5	0
5	64QAM	12	7	18.60	18.79	18.89		
5	64QAM	12	13	18.82	18.81	18.83		
5	64QAM	25	0	18.68	18.79	18.92		

Band 42_Ant12 DSI 1&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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.77	19.81	19.45	20	0
20	QPSK	1	49	19.53	19.59	19.53		
20	QPSK	1	99	19.39	19.31	19.39		
20	QPSK	50	0	19.61	19.70	19.38	20	0
20	QPSK	50	24	19.57	19.39	19.35		
20	QPSK	50	50	19.45	19.36	19.22		
20	QPSK	100	0	19.58	19.78	19.54		
20	16QAM	1	0	19.52	19.37	19.44	20	0
20	16QAM	1	49	19.34	19.43	19.31		
20	16QAM	1	99	19.66	19.80	19.43		
20	16QAM	50	0	19.64	19.47	19.32	20	0
20	16QAM	50	24	19.27	19.45	19.25		
20	16QAM	50	50	19.71	19.68	19.40		
20	16QAM	100	0	19.42	19.45	19.37		
20	64QAM	1	0	19.46	19.35	19.34	20	0
20	64QAM	1	49	19.63	19.58	19.51		
20	64QAM	1	99	19.65	19.59	19.40		
20	64QAM	50	0	19.31	19.53	19.36	20	0
20	64QAM	50	24	19.57	19.78	19.44		
20	64QAM	50	50	19.59	19.43	19.43		
20	64QAM	100	0	19.49	19.41	19.42		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.66	19.52	19.23	20	0
15	QPSK	1	37	19.42	19.28	19.35		
15	QPSK	1	74	19.24	19.16	19.26		
15	QPSK	36	0	19.54	19.49	19.21	20	0
15	QPSK	36	20	19.32	19.50	19.27		
15	QPSK	36	39	19.18	19.22	19.26		
15	QPSK	75	0	19.34	19.59	19.39		
15	16QAM	1	0	19.42	19.25	19.22	20	0
15	16QAM	1	37	19.17	19.29	19.21		
15	16QAM	1	74	19.47	19.63	19.15		
15	16QAM	36	0	19.59	19.52	19.29	20	0
15	16QAM	36	20	19.40	19.37	19.37		
15	16QAM	36	39	19.19	19.19	19.24		
15	16QAM	75	0	19.19	19.24	19.19		
15	64QAM	1	0	19.16	19.20	19.16	20	0
15	64QAM	1	37	19.34	19.45	19.43		
15	64QAM	1	74	19.48	19.29	19.18		
15	64QAM	36	0	19.17	19.38	19.24	20	0
15	64QAM	36	20	19.43	19.67	19.36		
15	64QAM	36	39	19.42	19.18	19.29		
15	64QAM	75	0	19.31	19.32	19.11		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.65	19.65	19.16	20	0
10	QPSK	1	25	19.29	19.27	19.33		
10	QPSK	1	49	19.20	19.17	19.30		
10	QPSK	25	0	19.45	19.46	19.15	20	0
10	QPSK	25	12	19.46	19.15	19.09		
10	QPSK	25	25	19.31	19.09	19.13		
10	QPSK	50	0	19.48	19.62	19.32		
10	16QAM	1	0	19.47	19.59	19.25	20	0
10	16QAM	1	25	19.28	19.41	19.33		
10	16QAM	1	49	19.24	19.12	19.15		
10	16QAM	25	0	19.34	19.39	19.02	20	0
10	16QAM	25	12	19.18	19.34	19.12		
10	16QAM	25	25	19.42	19.43	19.26		
10	16QAM	50	0	19.20	19.37	19.21		
10	64QAM	1	0	19.21	19.13	19.19	20	0
10	64QAM	1	25	19.55	19.46	19.37		
10	64QAM	1	49	19.43	19.37	19.29		
10	64QAM	25	0	18.99	19.23	19.27	20	0
10	64QAM	25	12	19.31	19.46	19.25		
10	64QAM	25	25	19.40	19.29	19.15		
10	64QAM	50	0	19.39	19.33	19.30		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.57	19.52	19.28	20	0
5	QPSK	1	12	19.27	19.36	19.36		
5	QPSK	1	24	19.13	19.15	19.19		
5	QPSK	12	0	19.41	19.41	19.10	20	0
5	QPSK	12	7	19.37	19.15	19.15		
5	QPSK	12	13	19.29	19.25	18.96		
5	QPSK	25	0	19.37	19.70	19.26		
5	16QAM	1	0	19.51	19.57	19.25	20	0
5	16QAM	1	12	19.28	19.35	19.39		
5	16QAM	1	24	19.13	19.13	19.13		
5	16QAM	12	0	19.55	19.52	19.25	20	0
5	16QAM	12	7	19.24	19.39	19.39		
5	16QAM	12	13	19.14	19.23	19.09		
5	16QAM	25	0	19.16	19.35	19.16		
5	64QAM	1	0	19.27	19.22	19.18	20	0
5	64QAM	1	12	19.38	19.49	19.33		
5	64QAM	1	24	19.49	19.36	19.29		
5	64QAM	12	0	19.16	19.33	19.05	20	0
5	64QAM	12	7	19.36	19.55	19.26		
5	64QAM	12	13	19.42	19.32	19.19		
5	64QAM	25	0	19.37	19.32	19.20		

Band 42_Ant13 DSI 1&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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.91	18.26	18.16	18.5	0
20	QPSK	1	49	17.84	18.13	18.16		
20	QPSK	1	99	17.79	18.00	18.23		
20	QPSK	50	0	17.92	18.17	18.08	18.5	0
20	QPSK	50	24	17.93	18.13	18.14		
20	QPSK	50	50	17.83	18.02	18.10		
20	QPSK	100	0	17.77	18.10	18.02		
20	16QAM	1	0	17.75	18.11	18.14	18.5	0
20	16QAM	1	49	17.80	18.01	18.03		
20	16QAM	1	99	17.86	18.19	18.19		
20	16QAM	50	0	17.85	18.07	18.12	18.5	0
20	16QAM	50	24	17.83	18.14	18.17		
20	16QAM	50	50	17.92	18.20	18.03		
20	16QAM	100	0	17.87	18.07	18.22		
20	64QAM	1	0	17.81	18.14	18.16	18.5	0
20	64QAM	1	49	17.79	18.04	18.19		
20	64QAM	1	99	17.81	18.08	18.17		
20	64QAM	50	0	17.78	17.97	18.21	18.5	0
20	64QAM	50	24	17.78	18.25	18.15		
20	64QAM	50	50	17.89	18.01	18.19		
20	64QAM	100	0	17.76	18.05	18.14		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.67	18.09	17.87	18.5	0
15	QPSK	1	37	17.66	17.97	17.94		
15	QPSK	1	74	17.61	17.75	18.04		
15	QPSK	36	0	17.69	17.90	17.97	18.5	0
15	QPSK	36	20	17.81	17.97	17.86		
15	QPSK	36	39	17.54	17.76	17.85		
15	QPSK	75	0	17.48	17.92	17.74		
15	16QAM	1	0	17.83	18.00	17.87	18.5	0
15	16QAM	1	37	17.73	17.91	17.83		
15	16QAM	1	74	17.57	17.76	17.80		
15	16QAM	36	0	17.69	17.81	18.02	18.5	0
15	16QAM	36	20	17.55	17.95	18.02		
15	16QAM	36	39	17.78	17.93	17.93		
15	16QAM	75	0	17.57	17.94	17.92		
15	64QAM	1	0	17.66	18.06	17.80	18.5	0
15	64QAM	1	37	17.62	17.98	17.94		
15	64QAM	1	74	17.67	17.87	17.94		
15	64QAM	36	0	17.81	18.08	17.87	18.5	0
15	64QAM	36	20	17.85	18.01	18.02		
15	64QAM	36	39	17.73	17.82	17.80		
15	64QAM	75	0	17.54	17.82	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.63	18.04	17.98	18.5	0
10	QPSK	1	25	17.78	17.98	17.92		
10	QPSK	1	49	17.55	17.76	17.82		
10	QPSK	25	0	17.74	18.07	17.91	18.5	0
10	QPSK	25	12	17.66	18.04	18.03		
10	QPSK	25	25	17.66	17.72	17.79		
10	QPSK	50	0	17.50	17.85	17.85		
10	16QAM	1	0	17.68	17.95	17.88	18.5	0
10	16QAM	1	25	17.81	17.87	17.86		
10	16QAM	1	49	17.68	17.93	17.95		
10	16QAM	25	0	17.62	17.82	17.98	18.5	0
10	16QAM	25	12	17.58	17.93	17.94		
10	16QAM	25	25	17.76	17.89	17.78		
10	16QAM	50	0	17.75	17.90	17.92		
10	64QAM	1	0	17.71	17.85	17.96	18.5	0
10	64QAM	1	25	17.68	17.76	17.93		
10	64QAM	1	49	17.57	17.79	17.97		
10	64QAM	25	0	17.74	17.98	17.85	18.5	0
10	64QAM	25	12	17.75	18.05	17.97		
10	64QAM	25	25	17.83	17.83	17.90		
10	64QAM	50	0	17.55	17.79	18.00		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.61	17.88	17.88	18.5	0
5	QPSK	1	12	17.84	17.85	18.03		
5	QPSK	1	24	17.65	17.93	17.92		
5	QPSK	12	0	17.77	18.07	17.89	18.5	0
5	QPSK	12	7	17.62	17.88	17.97		
5	QPSK	12	13	17.63	17.90	18.02		
5	QPSK	25	0	17.65	17.88	17.82		
5	16QAM	1	0	17.45	17.93	17.92	18.5	0
5	16QAM	1	12	17.50	17.72	17.76		
5	16QAM	1	24	17.75	17.89	17.95		
5	16QAM	12	0	17.60	17.99	17.96	18.5	0
5	16QAM	12	7	17.62	17.91	18.07		
5	16QAM	12	13	17.77	17.99	17.86		
5	16QAM	25	0	17.64	17.98	17.92		
5	64QAM	1	0	17.51	17.83	17.88	18.5	0
5	64QAM	1	12	17.64	17.95	18.00		
5	64QAM	1	24	17.65	17.79	17.91		
5	64QAM	12	0	17.69	17.90	17.89	18.5	0
5	64QAM	12	7	17.63	18.02	17.94		
5	64QAM	12	13	17.61	17.86	17.87		
5	64QAM	25	0	17.55	17.76	17.97		

Band 42_Ant13 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.83	20.23	20.15	20.5	0
20	QPSK	1	49	19.75	20.09	20.12		
20	QPSK	1	99	19.73	19.97	20.20		
20	QPSK	50	0	19.79	20.15	20.08	20.5	0
20	QPSK	50	24	19.77	20.03	20.11		
20	QPSK	50	50	19.82	19.97	20.07		
20	QPSK	100	0	19.87	20.12	20.10		
20	16QAM	1	0	19.84	20.14	20.11	20.5	0
20	16QAM	1	49	19.77	20.09	20.11		
20	16QAM	1	99	19.73	20.07	20.14		
20	16QAM	50	0	19.73	20.07	20.11	20.5	0
20	16QAM	50	24	19.73	20.02	20.11		
20	16QAM	50	50	19.93	20.11	20.00		
20	16QAM	100	0	19.87	20.17	20.15		
20	64QAM	1	0	19.79	20.11	20.01	20.5	0
20	64QAM	1	49	19.87	20.14	20.06		
20	64QAM	1	99	19.68	20.13	20.18		
20	64QAM	50	0	19.83	20.08	20.13	20.5	0
20	64QAM	50	24	19.82	20.19	20.14		
20	64QAM	50	50	19.79	20.18	20.05		
20	64QAM	100	0	19.77	19.99	20.09		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.62	19.97	19.97	20.5	0
15	QPSK	1	37	19.53	19.90	19.98		
15	QPSK	1	74	19.48	19.67	19.97		
15	QPSK	36	0	19.70	19.99	19.97	20.5	0
15	QPSK	36	20	19.55	19.81	19.86		
15	QPSK	36	39	19.67	19.83	19.81		
15	QPSK	75	0	19.73	20.03	19.96		
15	16QAM	1	0	19.55	19.87	19.99	20.5	0
15	16QAM	1	37	19.69	19.79	20.02		
15	16QAM	1	74	19.60	19.98	19.88		
15	16QAM	36	0	19.52	19.90	19.97	20.5	0
15	16QAM	36	20	19.53	19.81	19.88		
15	16QAM	36	39	19.75	19.89	19.83		
15	16QAM	75	0	19.77	20.07	19.97		
15	64QAM	1	0	19.75	19.97	20.00	20.5	0
15	64QAM	1	37	19.63	19.95	19.94		
15	64QAM	1	74	19.65	19.80	20.09		
15	64QAM	36	0	19.67	19.96	19.98	20.5	0
15	64QAM	36	20	19.64	20.09	19.90		
15	64QAM	36	39	19.68	20.07	19.89		
15	64QAM	75	0	19.59	19.83	19.89		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.54	19.92	19.83	20.5	0
10	QPSK	1	25	19.58	19.80	19.90		
10	QPSK	1	49	19.57	19.68	19.91		
10	QPSK	25	0	19.63	20.02	19.93	20.5	0
10	QPSK	25	12	19.60	19.91	19.95		
10	QPSK	25	25	19.54	19.66	19.90		
10	QPSK	50	0	19.68	19.81	19.94		
10	16QAM	1	0	19.70	19.97	19.88	20.5	0
10	16QAM	1	25	19.54	19.82	19.93		
10	16QAM	1	49	19.58	19.73	19.99		
10	16QAM	25	0	19.65	19.88	19.79	20.5	0
10	16QAM	25	12	19.62	19.78	19.89		
10	16QAM	25	25	19.65	19.79	19.74		
10	16QAM	50	0	19.73	19.90	19.97		
10	64QAM	1	0	19.71	20.05	19.91	20.5	0
10	64QAM	1	25	19.56	19.92	19.95		
10	64QAM	1	49	19.65	19.70	20.05		
10	64QAM	25	0	19.72	19.98	19.93	20.5	0
10	64QAM	25	12	19.60	19.80	19.91		
10	64QAM	25	25	19.51	19.86	19.96		
10	64QAM	50	0	19.53	19.83	19.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.62	20.06	19.90	20.5	0
5	QPSK	1	12	19.63	19.93	19.91		
5	QPSK	1	24	19.58	19.73	20.01		
5	QPSK	12	0	19.61	19.84	19.91	20.5	0
5	QPSK	12	7	19.66	19.84	19.97		
5	QPSK	12	13	19.66	19.88	19.88		
5	QPSK	25	0	19.58	19.98	19.93		
5	16QAM	1	0	19.51	19.99	20.00	20.5	0
5	16QAM	1	12	19.59	19.87	19.82		
5	16QAM	1	24	19.53	19.68	20.00		
5	16QAM	12	0	19.60	19.94	19.80	20.5	0
5	16QAM	12	7	19.60	19.86	19.83		
5	16QAM	12	13	19.77	19.80	19.83		
5	16QAM	25	0	19.59	19.99	19.92		
5	64QAM	1	0	19.60	19.94	19.86	20.5	0
5	64QAM	1	12	19.55	20.00	19.98		
5	64QAM	1	24	19.63	19.71	19.90		
5	64QAM	12	0	19.55	19.90	19.86	20.5	0
5	64QAM	12	7	19.60	19.91	19.90		
5	64QAM	12	13	19.58	19.96	19.79		
5	64QAM	25	0	19.49	19.88	19.90		

Uplink CA Power

Ant 2 Full Power DSI1&4

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	24.66	25.50
21100	21298	QPSK	0	0	1	99	24.73	25.50
21350	21152	QPSK	0	0	1	99	24.61	25.50
20850	21048	QPSK	50	0	1	49	24.66	25.50
21100	21298	QPSK	50	0	1	49	24.73	25.50
21350	21152	QPSK	50	0	1	49	24.61	25.50

Ant 4 Full Power DSI4

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	22.98	23.50
21100	21298	QPSK	1	0	1	99	23.08	23.50
21350	21152	QPSK	1	0	1	99	22.91	23.50

Ant 5 Full Power DSI4

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	23.12	23.50
21100	21298	QPSK	1	0	1	99	23.03	23.50
21350	21152	QPSK	1	0	1	99	22.98	23.50

Ant 8 Full Power Full

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	23.68	24.00
21100	21298	QPSK	1	0	1	99	23.72	24.00
21350	21152	QPSK	1	0	1	99	23.70	24.00

Ant 2 Down Power DSI3

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	20.03	21.00
21100	21298	QPSK	0	0	1	99	20.18	21.00
21350	21152	QPSK	0	0	1	99	20.15	21.00
20850	21048	QPSK	50	0	1	49	20.01	21.00
21100	21298	QPSK	50	0	1	49	20.90	21.00
21350	21152	QPSK	50	0	1	49	20.12	21.00

Ant 2 Down Power DSI5

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	21.73	22.50
21100	21298	QPSK	0	0	1	99	21.80	22.50
21350	21152	QPSK	0	0	1	99	21.71	22.50
20850	21048	QPSK	50	0	1	49	21.68	22.50
21100	21298	QPSK	50	0	1	49	21.76	22.50
21350	21152	QPSK	50	0	1	49	21.75	22.50

Ant 4 Down Power DSI1&5

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	15.28	15.50
21100	21298	QPSK	1	0	1	99	15.33	15.50
21350	21152	QPSK	1	0	1	99	15.35	15.50
20850	21048	QPSK	50	0	1	49	15.27	15.50
21100	21298	QPSK	50	0	1	49	15.32	15.50
21350	21152	QPSK	50	0	1	49	15.34	15.50

Ant 4 Down Power DSI3

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	21.28	21.50
21100	21298	QPSK	1	0	1	99	21.23	21.50
21350	21152	QPSK	1	0	1	99	21.26	21.50
20850	21048	QPSK	50	0	1	49	21.22	21.50
21100	21298	QPSK	50	0	1	49	21.20	21.50
21350	21152	QPSK	50	0	1	49	21.18	21.50

Ant 5 Down Power DSI1&5

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	12.77	13.00
21100	21298	QPSK	1	0	1	99	12.65	13.00
21350	21152	QPSK	1	0	1	99	12.71	13.00
20850	21048	QPSK	50	0	1	49	12.72	13.00
21100	21298	QPSK	50	0	1	49	12.61	13.00
21350	21152	QPSK	50	0	1	49	12.69	13.00

Ant 5 Down Power DSI3

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	18.15	18.50
21100	21298	QPSK	1	0	1	99	18.17	18.50
21350	21152	QPSK	1	0	1	99	18.11	18.50
20850	21048	QPSK	50	0	1	49	18.10	18.50
21100	21298	QPSK	50	0	1	49	18.13	18.50
21350	21152	QPSK	50	0	1	49	18.10	18.50

Ant 8 Down Power DSI1&5

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	13.82	14.00
21100	21298	QPSK	1	0	1	99	13.85	14.00
21350	21152	QPSK	1	0	1	99	13.79	14.00
20850	21048	QPSK	50	0	1	49	13.79	14.00
21100	21298	QPSK	50	0	1	49	13.82	14.00
21350	21152	QPSK	50	0	1	49	13.76	14.00

Ant 8 Down Power DSI4

CA_7c								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	19.71	20.00
21100	21298	QPSK	1	0	1	99	19.64	20.00
21350	21152	QPSK	1	0	1	99	19.68	20.00
20850	21048	QPSK	50	0	1	49	19.68	20.00
21100	21298	QPSK	50	0	1	49	19.63	20.00
21350	21152	QPSK	50	0	1	49	19.62	20.00

Ant 2Full Power DSI1&4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	24.63	25.50
38000	38198	QPSK	1	0	1	99	24.51	25.50
38150	37952	QPSK	1	0	1	99	24.63	25.50

Ant 4Full Power DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	22.57	23.50
38000	38198	QPSK	1	0	1	99	23.37	23.50
38150	38348	QPSK	1	0	1	99	22.73	23.50

Ant 5Full Power DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	23.12	23.50
38000	38198	QPSK	1	0	1	99	23.34	23.50
38150	37952	QPSK	1	0	1	99	23.04	23.50

Ant 8Full Power Full

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	23.57	24.50
38000	38198	QPSK	1	0	1	99	23.32	24.50
38150	37952	QPSK	1	0	1	99	23.87	24.50

Ant 2 Down Power DSI3&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	22.54	23.50
38000	38198	QPSK	1	0	1	99	22.58	23.50
38150	37952	QPSK	1	0	1	99	22.53	23.50
37850	38048	QPSK	50	0	1	49	22.51	23.50
38000	38198	QPSK	50	0	1	49	22.54	23.50
38150	37952	QPSK	50	0	1	49	22.49	23.50

Ant 4 Down Power DSI1&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	16.75	17.00
38000	38198	QPSK	1	0	1	99	16.77	17.00
38150	38348	QPSK	1	0	1	99	16.78	17.00
37850	38048	QPSK	50	0	1	49	16.71	17.00
38000	38198	QPSK	50	0	1	49	16.72	17.00
38150	38348	QPSK	50	0	1	49	16.69	17.00

Ant 4 Down Power DSI3

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	21.21	21.50
38000	38198	QPSK	1	0	1	99	21.19	21.50
38150	38348	QPSK	1	0	1	99	21.23	21.50

Ant 5 Down Power DSI1&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	15.68	16.00
38000	38198	QPSK	1	0	1	99	15.61	16.00
38150	37952	QPSK	1	0	1	99	15.56	16.00
37850	38048	QPSK	50	0	1	49	15.53	16.00
38000	38198	QPSK	50	0	1	49	15.55	16.00
38150	37952	QPSK	50	0	1	49	15.51	16.00

Ant 5 Down Power DSI3

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	20.13	20.50
38000	38198	QPSK	1	0	1	99	20.10	20.50
38150	37952	QPSK	1	0	1	99	20.11	20.50

Ant 8 Down Power DSI1

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	16.68	17.00
38000	38198	QPSK	1	0	1	99	16.62	17.00
38150	37952	QPSK	1	0	1	99	16.71	17.00

Ant 8 Down Power DSI5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	17.26	17.50
38000	38198	QPSK	1	0	1	99	17.28	17.50
38150	37952	QPSK	1	0	1	99	17.28	17.50
37850	38048	QPSK	0	0	1	99	17.23	17.50
38000	38198	QPSK	1	0	1	99	17.26	17.50
38150	37952	QPSK	1	0	1	99	17.24	17.50

Ant 8 Down Power DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	0	0	1	99	22.18	22.50
38000	38198	QPSK	1	0	1	99	22.23	22.50
38150	37952	QPSK	1	0	1	99	22.16	22.50

Ant 2 Full Power DSI4

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	0	24.45	25.50
20175	21100	QPSK	0	0	1	24	24.54	25.50
20300	21350	QPSK	0	0	1	24	24.51	25.50

Ant 4 Full Power DSI3&4

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	23.37	24.00
20175	21100	QPSK	0	0	1	24	23.28	24.00
20300	21350	QPSK	0	0	1	24	23.23	24.00

Ant 5 Full Power DSI3&4

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	23.58	24.00
20175	21100	QPSK	0	0	1	24	23.47	24.00
20300	21350	QPSK	0	0	1	24	23.51	24.00

Ant 8 Full Power DSI4

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	24.13	25.00
20175	21100	QPSK	0	0	1	24	23.87	25.00
20300	21350	QPSK	0	0	1	24	23.92	25.00

Ant 2 Down Power DSI3

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	0	23.51	24.50
20175	21100	QPSK	0	0	1	24	23.55	24.50
20300	21350	QPSK	0	0	1	24	23.49	24.50

Ant 2 Down Power DSI5

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	0	20.07	21.00
20175	21100	QPSK	0	0	1	24	20.13	21.00
20300	21350	QPSK	0	0	1	24	20.11	21.00

Ant 4 Down Power DSI1&5

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	22.43	23.00
20175	21100	QPSK	0	0	1	24	22.48	23.00
20300	21350	QPSK	0	0	1	24	22.46	23.00

Ant 5 Down Power DSI1&5

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	16.77	17.00
20175	21100	QPSK	0	0	1	24	16.80	17.00
20300	21350	QPSK	0	0	1	24	16.72	17.00

Ant 8 Down Power DSI1&5

CA_4A_7A								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20050	20850	QPSK	0	0	1	24	13.87	15.50
20175	21100	QPSK	0	0	1	24	13.96	15.50
20300	21350	QPSK	0	0	1	24	13.91	15.50

Downlink CA Power

2CA DL

Configure	PCC								SCC				Power	
	LTE Band	Ant	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)	Without CA Tx. Power (dBm)
CA_7A-42A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	**24.57**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	**23.22**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	**23.24**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	**23.87**	**23.88**
	Band 42	6	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	**23.65**	**23.88**
	Band 42	11	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	**23.54**	**23.70**
	Band 42	12	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	**24.56**	**24.69**
	Band 42	13	20M	3540	42990	QPSK	1	0	Band 7	20M	2535	21100	**25.07**	**25.19**
CA_2C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1899.8	19098	**24.54**	**24.67**
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 2	20M	1899.8	19098	**24.10**	**24.33**
CA_2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	**24.56**	**24.67**
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	**24.23**	**24.33**
CA_38C	Band 38	2	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	**24.54**	**24.69**
	Band 38	4	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	**23.17**	**23.23**
	Band 38	5	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	**23.20**	**23.33**
	Band 38	8	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	**24.05**	**24.27**
CA_41C	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	**24.61**	**24.79**
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	**23.18**	**23.20**
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	**23.12**	**23.24**
	Band 41	8	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	**24.11**	**24.30**
CA_41A-41A	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	**24.60**	**24.79**
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	**23.17**	**23.20**
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	**23.10**	**23.24**
	Band 41	8	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	**24.17**	**24.30**

3CA DL

Configure	PCC								SCC1				SCC2				Power	
	LTE Band	Ant	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)	Without CA Tx. Power (dBm)
CA_2A-4A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	**24.56**	**24.67**
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	**24.22**	**24.33**
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	**24.46**	**24.58**
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	**23.37**	**23.55**
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	**23.46**	**23.68**
	Band 4	8	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	**24.15**	**24.37**
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	**23.57**	**23.68**
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	**23.55**	**23.56**
CA_5A-7A-7A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	**23.54**	**23.68**
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	**23.47**	**23.56**
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	**24.68**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	**23.16**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	**23.12**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	**23.75**	**23.88**
CA_2A-7A-7A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	**24.56**	**24.67**
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	**24.32**	**24.33**
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	**24.63**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	**23.11**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	**23.13**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	**23.74**	**23.88**
CA_12-66A-66A	Band 12	1	10M	704	23060	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**24.52**	**24.53**
	Band 12	3	10M	704	23060	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**24.42**	**24.45**
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	**24.72**	**24.88**
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	**23.37**	**23.52**
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	**22.58**	**22.63**
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	**23.41**	**23.55**

4CA DL

Configure	PCC								SCC1				SCC2				SCC3				Power	
	LTE Band	Ant	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)	Without CA Tx. Power (dBm)
CA_2A-4A-7C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**24.51**	**24.67**
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**24.22**	**24.33**
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	**24.39**	**24.58**
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	**23.43**	**23.55**
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	**23.56**	**23.68**
	Band 4	8	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	**24.29**	**24.37**
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	**24.66**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	**23.15**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	**23.13**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	**23.73**	**23.88**
CA_5A-7A-66A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**24.64**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.19**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.16**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.75**	**23.88**
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	**23.59**	**23.68**
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	**23.44**	**23.56**
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	**24.73**	**24.88**
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	**23.37**	**23.52**
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	**22.49**	**22.63**
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	**23.43**	**23.55**
CA_7C-66A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**24.69**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.12**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.15**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	**23.73**	**23.88**
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**24.75**	**24.88**
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.37**	**23.52**
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**22.50**	**22.63**
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.43**	**23.55**
CA_5A-7C-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	**24.64**	**24.78**
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	**23.14**	**23.27**
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	**23.15**	**23.26**
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	**23.72**	**23.88**
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.54**	**23.68**
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.45**	**23.56**
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**24.75**	**24.88**
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.37**	**23.52**
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**22.51**	**22.63**
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	**23.43**	**23.55**

Full Power level/Default Power level for 5G NR

n5 Ant1_DSI1&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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.45	24.54	24.55	25.5	0.0
20	PI/2 BPSK	1	53	24.50	24.57	24.46		
20	PI/2 BPSK	1	104	24.56	24.56	24.36		
20	PI/2 BPSK	50	0	23.91	24.14	23.97	25.0	0.5
20	PI/2 BPSK	50	28	24.54	24.51	24.49	25.5	0.0
20	PI/2 BPSK	50	56	24.03	24.03	23.97	25.0	0.5
20	PI/2 BPSK	100	0	23.91	24.09	23.93		
20	QPSK	1	1	24.57	24.52	24.56	25.5	0.0
20	QPSK	1	53	24.56	24.58	24.50		
20	QPSK	1	104	24.53	24.55	24.51		
20	QPSK	50	0	23.44	23.50	23.46	24.5	1.0
20	QPSK	50	28	24.43	24.51	24.48	25.5	0.0
20	QPSK	50	56	23.43	23.46	23.42	24.5	1.0
20	QPSK	100	0	23.52	23.55	23.49		
20	16QAM	1	1	23.53	23.52	23.57	24.5	1.0
20	64QAM	1	1	22.12	22.11	22.17	23.0	2.5
20	256QAM	1	1	20.09	20.04	20.03	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.52	24.53	24.52	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.52	24.54	24.52	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.46	24.55	24.57	25.5	0.0

n7 Ant2_DSI 1&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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.25	24.33	24.22	24.5	0.0
40	PI/2 BPSK	1	108	24.29	24.41	24.33		
40	PI/2 BPSK	1	214	24.40	24.41	24.36		
40	PI/2 BPSK	108	0	23.68	23.94	23.49	24.0	0.5
40	PI/2 BPSK	108	54	24.36	24.40	24.33	24.5	0.0
40	PI/2 BPSK	108	108	23.81	23.92	23.89	24.0	0.5
40	PI/2 BPSK	216	0	23.75	23.89	23.68		
40	QPSK	1	1	24.41	24.37	24.40	24.5	0.0
40	QPSK	1	108	24.40	24.42	24.41		
40	QPSK	1	214	24.27	24.40	24.33		
40	QPSK	108	0	22.39	23.46	23.25	23.5	1.0
40	QPSK	108	54	23.47	24.41	23.42	24.5	0.0
40	QPSK	108	108	23.34	23.46	23.38	23.5	1.0
40	QPSK	216	0	23.31	23.43	23.35		
40	16QAM	1	1	23.42	23.43	23.46	23.5	1.0
40	64QAM	1	1	21.68	21.82	21.75	22.0	2.5
40	256QAM	1	1	19.83	19.83	19.87	20.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.40	24.38	23.39	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	24.41	24.38	24.39	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.33	24.35	24.38	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.37	24.35	24.35	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.40	24.41	24.36	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.36	24.37	24.35	24.5	0.0

n66 Ant2_DSI1

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.40	24.44	24.38	24.5	0.0
40	PI/2 BPSK	1	108	24.38	24.40	24.32		
40	PI/2 BPSK	1	214	24.32	24.33	24.35		
40	PI/2 BPSK	108	0	23.92	23.92	23.94	24.0	0.5
40	PI/2 BPSK	108	54	24.43	24.45	24.41	24.5	0.0
40	PI/2 BPSK	108	108	23.91	23.92	23.97	24.0	0.5
40	PI/2 BPSK	216	0	23.97	23.90	23.92		
40	QPSK	1	1	24.43	24.42	24.45	24.5	0.0
40	QPSK	1	108	24.42	24.47	24.44		
40	QPSK	1	214	24.40	24.42	24.38		
40	QPSK	108	0	23.45	23.46	23.43	23.5	1.0
40	QPSK	108	54	24.37	24.42	24.31	24.5	0.0
40	QPSK	108	108	23.28	23.46	23.35	23.5	1.0
40	QPSK	216	0	23.35	23.40	23.39		
40	16QAM	1	1	23.42	23.41	23.43	23.5	1.0
40	64QAM	1	1	21.83	21.88	21.81	22.0	2.5
40	256QAM	1	1	19.67	19.73	19.58	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	24.46	24.45	24.43	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.42	24.43	24.41	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	24.42	24.45	24.43	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	24.43	24.45	24.44	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	24.43	24.42	24.42	24.5	0.0

n38 Ant2_DSI1&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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.19	24.17	24.19	25.0	0.0
40	PI/2 BPSK	1	53	24.12	24.18	24.22		
40	PI/2 BPSK	1	104	24.22	24.18	24.19		
40	PI/2 BPSK	50	0	23.69	23.71	23.69	24.5	0.5
40	PI/2 BPSK	50	28	24.19	24.17	24.19	25.0	0.0
40	PI/2 BPSK	50	56	23.61	23.61	23.59	24.5	0.5
40	PI/2 BPSK	100	0	23.58	23.60	23.62		
40	QPSK	1	1	24.21	24.21	24.22	25.0	0.0
40	QPSK	1	53	24.21	24.23	24.19		
40	QPSK	1	104	24.19	24.20	24.21		
40	QPSK	50	0	24.16	23.20	23.20	24.0	1.0
40	QPSK	50	28	24.16	24.19	24.17	25.0	0.0
40	QPSK	50	56	23.30	23.27	23.28	24.0	1.0
40	QPSK	100	0	23.23	23.25	23.24		
40	16QAM	1	1	23.28	23.25	23.23	24.0	1.0
40	64QAM	1	1	21.77	21.76	21.83	22.5	2.5
40	256QAM	1	1	19.68	19.69	19.70	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.30	24.28	24.25	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.28	24.29	24.28	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.30	24.31	24.30	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.30	24.32	24.30	25.0	0.0

n41 Ant2_DSI1&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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.25	24.25	24.22	25.0	0.0
100	PI/2 BPSK	1	137	24.28	24.34	24.31		
100	PI/2 BPSK	1	271	24.24	24.27	24.24		
100	PI/2 BPSK	135	0	23.67	23.71	23.72	24.5	0.5
100	PI/2 BPSK	135	69	24.28	24.24	23.25	25.0	0.0
100	PI/2 BPSK	135	138	23.74	23.66	23.72	24.5	0.5
100	PI/2 BPSK	270	0	23.65	23.67	23.71		
100	QPSK	1	1	24.31	24.33	24.32	25.0	0.0
100	QPSK	1	137	24.32	24.35	24.24		
100	QPSK	1	271	24.27	24.31	24.27		
100	QPSK	135	0	23.26	23.30	23.43	24.0	1.0
100	QPSK	135	69	24.21	24.23	24.22	25.0	0.0
100	QPSK	135	138	23.15	23.26	23.17	24.0	1.0
100	QPSK	270	0	23.22	23.32	23.22		
100	16QAM	1	1	23.27	23.25	23.28	24.0	1.0
100	64QAM	1	1	21.66	21.63	21.69	22.5	2.5
100	256QAM	1	1	19.66	19.73	19.78	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.32	24.25	24.26	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.28	24.23	24.23	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.25	24.24	24.28	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.24	24.27	24.22	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.24	24.28	24.22	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.27	24.28	24.26	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.28	24.29	24.27	25.0	0.0

n5_Ant3 Full

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.44	24.50	24.36	25.0	0.0
20	PI/2 BPSK	1	53	24.50	24.52	24.41		
20	PI/2 BPSK	1	104	24.52	24.50	24.53		
20	PI/2 BPSK	50	0	23.91	23.99	23.95	24.5	0.5
20	PI/2 BPSK	50	28	24.46	24.52	24.40	25.0	0.0
20	PI/2 BPSK	50	56	23.93	23.92	23.94	24.5	0.5
20	PI/2 BPSK	100	0	23.91	23.98	23.95		
20	QPSK	1	1	24.50	24.54	24.50	25.0	0.0
20	QPSK	1	53	24.42	24.55	24.44		
20	QPSK	1	104	24.42	24.46	24.50		
20	QPSK	50	0	23.24	23.43	23.31	24.0	1.0
20	QPSK	50	28	24.51	24.52	24.51	25.0	0.0
20	QPSK	50	56	23.52	23.51	23.56	24.0	1.0
20	QPSK	100	0	23.40	23.54	23.51		
20	16QAM	1	1	23.49	23.54	23.58	24.0	1.0
20	64QAM	1	1	21.92	22.01	21.96	22.5	2.5
20	256QAM	1	1	19.92	19.99	19.89	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.47	24.52	24.48	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.49	24.51	24.53	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.53	24.49	24.51	25.0	0.0

n7 Ant 4_DSI4

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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.32	25.35	25.31	25.5	0.0
40	PI/2 BPSK	1	108	25.35	25.37	25.33		
40	PI/2 BPSK	1	214	25.36	25.36	25.32		
40	PI/2 BPSK	108	0	24.80	24.83	24.81	25.0	0.5
40	PI/2 BPSK	108	54	25.35	25.32	25.35	25.5	0.0
40	PI/2 BPSK	108	108	24.81	24.83	24.82	25.0	0.5
40	PI/2 BPSK	216	0	24.79	24.82	24.80		
40	QPSK	1	1	25.37	25.34	25.29	25.5	0.0
40	QPSK	1	108	25.37	25.39	25.38		
40	QPSK	1	214	25.29	25.32	25.30		
40	QPSK	108	0	24.29	24.33	24.30	24.5	1.0
40	QPSK	108	54	25.33	25.36	25.34	25.5	0.0
40	QPSK	108	108	24.32	24.32	24.31	24.5	1.0
40	QPSK	216	0	24.31	24.33	24.31		
40	16QAM	1	1	24.34	24.37	24.34	24.5	1.0
40	64QAM	1	1	22.80	22.76	22.81	23.0	2.5
40	256QAM	1	1	20.61	20.63	20.60	21.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	25.36	25.31	25.32	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	25.34	25.35	25.33	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	25.35	25.34	25.31	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	25.37	25.35	25.36	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	25.32	25.32	25.35	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	25.35	25.36	25.32	25.5	0.0

n66 Ant 4_Full

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.33	23.31	23.32	24.0	0.0
40	PI/2 BPSK	1	108	23.28	23.32	23.30		
40	PI/2 BPSK	1	214	23.30	23.32	23.32		
40	PI/2 BPSK	108	0	22.79	22.82	22.80	23.5	0.5
40	PI/2 BPSK	108	54	23.29	23.32	23.30	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.83	22.85	23.5	0.5
40	PI/2 BPSK	216	0	22.82	22.84	22.81		
40	QPSK	1	1	23.32	23.30	23.31	24.0	0.0
40	QPSK	1	108	23.30	23.34	23.32		
40	QPSK	1	214	23.30	23.31	23.32		
40	QPSK	108	0	22.30	22.35	22.31	23.0	1.0
40	QPSK	108	54	23.31	23.32	23.30	24.0	0.0
40	QPSK	108	108	22.34	22.33	22.32	23.0	1.0
40	QPSK	216	0	22.28	22.31	22.29		
40	16QAM	1	1	22.35	22.30	22.34	23.0	1.0
40	64QAM	1	1	20.86	20.83	20.87	21.5	2.5
40	256QAM	1	1	18.87	18.82	18.89	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.30	23.32	23.31	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
20	QPSK	1	53	23.31	23.29	23.33	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.29	23.28	23.28	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.25	23.27	23.28	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.26	23.28	23.27	24.0	0.0

n38 Ant 4_DSI4

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.77	24.80	24.76	25.5	0.0
40	PI/2 BPSK	1	53	24.74	24.78	24.75		
40	PI/2 BPSK	1	104	24.80	24.81	24.79		
40	PI/2 BPSK	50	0	24.32	24.35	24.33	25.0	0.5
40	PI/2 BPSK	50	28	24.74	24.77	24.75	25.5	0.0
40	PI/2 BPSK	50	56	24.27	24.31	24.28	25.0	0.5
40	PI/2 BPSK	100	0	24.25	24.28	24.26		
40	QPSK	1	1	24.88	24.85	24.86	25.5	0.0
40	QPSK	1	53	24.83	24.90	24.87		
40	QPSK	1	104	24.86	24.87	24.87		
40	QPSK	50	0	23.90	23.94	23.92	24.5	1.0
40	QPSK	50	28	24.85	24.87	24.86	25.5	0.0
40	QPSK	50	56	23.77	23.80	23.76	24.5	1.0
40	QPSK	100	0	23.87	23.89	23.86		
40	16QAM	1	1	23.91	23.87	23.90	24.5	1.0
40	64QAM	1	1	22.36	22.41	22.38	23.0	2.5
40	256QAM	1	1	20.30	20.34	20.32	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	24.87	24.86	24.85	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.81	24.84	24.86	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	24.85	24.84	24.85	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	24.51	24.82	24.83	25.5	0.0

n41 Ant 4_DSI4

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	2592.99	2640		
100	PI/2 BPSK	1	1	s	24.88	24.95	25.5	0.0
100	PI/2 BPSK	1	137	24.83	24.87	24.85		
100	PI/2 BPSK	1	271	24.87	24.89	24.85		
100	PI/2 BPSK	135	0	24.23	24.25	24.22	25.0	0.5
100	PI/2 BPSK	135	69	24.86	24.88	24.85	25.5	0.0
100	PI/2 BPSK	135	138	24.27	24.31	24.29	25.0	0.5
100	PI/2 BPSK	270	0	24.36	24.39	24.35		
100	QPSK	1	1	24.93	24.95	24.91	25.5	0.0
100	QPSK	1	137	24.95	24.98	24.91		
100	QPSK	1	271	24.96	24.94	24.97		
100	QPSK	135	0	23.85	23.90	23.88	24.5	1.0
100	QPSK	135	69	24.81	24.84	24.82	25.5	0.0
100	QPSK	135	138	23.94	23.96	23.93	24.5	1.0
100	QPSK	270	0	23.81	23.85	23.83		
100	16QAM	1	1	23.93	23.94	23.92	24.5	1.0
100	64QAM	1	1	22.30	22.35	22.34	23.0	2.5
100	256QAM	1	1	20.31	20.36	20.33	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	24.87	24.81	24.85	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.83	24.84	24.86	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.87	24.85	24.84	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.83	24.86	24.84	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.78	24.83	24.89	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.82	24.85	24.81	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.78	24.81	24.79	25.5	0.0

n7 Ant 5_Full

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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.02	25.05	24.99	25.5	0.0
40	PI/2 BPSK	1	108	24.98	25.02	25.01		
40	PI/2 BPSK	1	214	25.05	25.05	25.01		
40	PI/2 BPSK	108	0	24.51	24.57	24.57	25.0	0.5
40	PI/2 BPSK	108	54	25.01	25.03	24.92	25.5	0.0
40	PI/2 BPSK	108	108	24.52	24.54	24.49	25.0	0.5
40	PI/2 BPSK	216	0	24.50	24.52	24.51		
40	QPSK	1	1	25.00	25.03	24.75	25.5	0.0
40	QPSK	1	108	25.02	25.07	25.05		
40	QPSK	1	214	25.04	24.99	25.05		
40	QPSK	108	0	24.00	24.02	23.96	24.5	1.0
40	QPSK	108	54	24.94	25.05	25.01	25.5	0.0
40	QPSK	108	108	23.86	24.06	24.02	24.5	1.0
40	QPSK	216	0	24.06	24.09	23.99		
40	16QAM	1	1	24.03	24.05	24.07	24.5	1.0
40	64QAM	1	1	22.48	22.57	22.55	23.0	2.5
40	256QAM	1	1	20.58	20.57	20.56	21.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	24.98	25.05	25.05	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	25.06	25.05	24.07	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	24.99	25.02	25.02	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	24.99	24.96	24.98	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	25.07	24.99	24.98	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	25.07	24.96	24.95	25.5	0.0

n66 Ant 5_DSI 3&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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.00	23.03	22.96	24.5	0.0
40	PI/2 BPSK	1	108	23.05	23.03	23.01		
40	PI/2 BPSK	1	214	23.04	23.02	23.05		
40	PI/2 BPSK	108	0	22.42	22.56	22.49	24.0	0.5
40	PI/2 BPSK	108	54	23.02	23.05	23.07	24.5	0.0
40	PI/2 BPSK	108	108	22.45	22.51	22.53	24.0	0.5
40	PI/2 BPSK	216	0	22.49	22.56	22.51		
40	QPSK	1	1	23.06	23.02	23.01	24.5	0.0
40	QPSK	1	108	23.06	23.08	23.04		
40	QPSK	1	214	23.06	22.99	23.07		
40	QPSK	108	0	22.04	22.08	22.04	23.5	1.0
40	QPSK	108	54	23.02	23.06	23.00	24.5	0.0
40	QPSK	108	108	22.01	22.08	22.07	23.5	1.0
40	QPSK	216	0	22.01	22.03	22.02		
40	16QAM	1	1	22.02	22.07	22.00	23.5	1.0
40	64QAM	1	1	20.55	20.70	20.53	22.0	2.5
40	256QAM	1	1	18.47	18.42	18.49	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.03	23.07	23.02	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.06	23.06	23.03	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.97	23.06	23.02	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.02	23.03	22.97	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.04	23.07	23.05	24.5	0.0

n38 Ant 5_DSI4

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	25.12	25.13	25.13	25.5	0.0
40	PI/2 BPSK	1	53	25.10	25.12	25.13		
40	PI/2 BPSK	1	104	25.10	25.13	25.10		
40	PI/2 BPSK	50	0	24.55	24.56	24.57	25.0	0.5
40	PI/2 BPSK	50	28	25.10	25.05	25.13	25.5	0.0
40	PI/2 BPSK	50	56	24.53	24.55	24.54	25.0	0.5
40	PI/2 BPSK	100	0	24.56	24.51	24.52		
40	QPSK	1	1	25.12	25.11	25.13	25.5	0.0
40	QPSK	1	53	25.12	25.14	25.13		
40	QPSK	1	104	25.10	25.10	25.12		
40	QPSK	50	0	24.58	24.52	24.54	24.5	1.0
40	QPSK	50	28	25.10	25.13	25.10	25.5	0.0
40	QPSK	50	56	24.51	24.54	24.51	24.5	1.0
40	QPSK	100	0	24.53	24.57	24.54		
40	16QAM	1	1	24.58	24.56	24.52	24.5	1.0
40	64QAM	1	1	22.65	22.63	22.65	23.0	2.5
40	256QAM	1	1	20.68	20.71	20.63	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.12	25.09	25.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.09	25.06	25.05	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.13	25.05	25.12	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.05	25.01	25.09	25.5	0.0

n41 Ant 5_DSI4

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	2592.99	2640		
100	PI/2 BPSK	1	1	25.08	25.11	25.08	25.5	0.0
100	PI/2 BPSK	1	137	25.08	25.10	25.10		
100	PI/2 BPSK	1	271	25.12	25.10	25.09		
100	PI/2 BPSK	135	0	24.53	24.55	24.51	25.0	0.5
100	PI/2 BPSK	135	69	25.14	25.12	25.11	25.5	0.0
100	PI/2 BPSK	135	138	24.51	24.55	24.57	25.0	0.5
100	PI/2 BPSK	270	0	24.49	24.52	24.56		
100	QPSK	1	1	25.10	25.14	25.08	25.5	0.0
100	QPSK	1	137	25.11	25.15	25.11		
100	QPSK	1	271	24.11	25.12	25.10		
100	QPSK	135	0	24.19	24.13	24.16	24.5	1.0
100	QPSK	135	69	25.12	25.13	25.07	25.5	0.0
100	QPSK	135	138	24.17	24.15	24.16	24.5	1.0
100	QPSK	270	0	24.14	24.16	24.14		
100	16QAM	1	1	23.93	24.25	24.08	24.5	1.0
100	64QAM	1	1	22.65	22.68	22.63	23.0	2.5
100	256QAM	1	1	20.61	20.68	20.69	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.11	25.06	25.05	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.01	25.08	25.11	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.04	25.06	25.07	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.03	25.07	25.11	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.14	25.09	25.07	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.04	25.03	25.01	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.00	25.02	25.07	25.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.92	24.06	23.89	25.5	0.0
100	PI/2 BPSK	1	137	23.85	23.97	23.75		
100	PI/2 BPSK	1	271	23.79	24.03	23.91		
100	PI/2 BPSK	135	0	23.44	23.63	23.53	25.0	0.5
100	PI/2 BPSK	135	69	23.71	23.94	23.83	25.5	0.0
100	PI/2 BPSK	135	138	23.36	23.52	23.42	25.0	0.5
100	PI/2 BPSK	270	0	23.28	23.54	23.27		
100	QPSK	1	1	23.87	23.96	23.77	25.5	0.0
100	QPSK	1	137	23.77	24.09	23.81		
100	QPSK	1	271	23.93	24.08	23.78		
100	QPSK	135	0	22.75	23.04	22.94	24.5	1.0
100	QPSK	135	69	23.74	23.93	23.65	25.5	0.0
100	QPSK	135	138	22.94	23.09	22.85	24.5	1.0
100	QPSK	270	0	22.85	23.04	22.92		
100	16QAM	1	1	23.02	23.16	22.89	24.5	1.0
100	64QAM	1	1	21.30	21.62	21.51	23.0	2.5
100	256QAM	1	1	19.27	19.59	19.50	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.67	23.86	23.56	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	23.48	23.92	23.64	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	23.56	23.91	23.61	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	23.47	23.95	23.63	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	23.68	23.96	23.68	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.64	23.92	23.58	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	23.69	23.90	23.52	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	23.46	23.86	23.51	25.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.93		25.5	0.0
100	PI/2 BPSK	1	137		23.97			
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		23.73		25.0	0.5
100	PI/2 BPSK	135	69		23.81		25.5	0.0
100	PI/2 BPSK	135	138		23.69		25.0	0.5
100	PI/2 BPSK	270	0		23.76			
100	QPSK	1	1		23.93		25.5	0.0
100	QPSK	1	137		24.17			
100	QPSK	1	271		23.71			
100	QPSK	135	0		23.16		24.5	1.0
100	QPSK	135	69		23.85		25.5	0.0
100	QPSK	135	138		23.17		24.5	1.0
100	QPSK	270	0		23.07			
100	16QAM	1	1		23.16		24.5	1.0
100	64QAM	1	1		21.65		23.0	2.5
100	256QAM	1	1		19.69		21.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	23.81	23.98	23.69	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	23.74	23.99	23.73	25.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	23.83	23.97	23.87	25.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	23.72	24.04	23.88	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	23.63	23.90	23.78	25.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	23.70	24.09	23.74	25.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	23.61	23.91	23.88	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	23.70	24.00	23.72	25.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.82		24.5	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.42		24.0	0.5
100	PI/2 BPSK	135	69		22.77		24.5	0.0
100	PI/2 BPSK	135	138		22.36		24.0	0.5
100	PI/2 BPSK	270	0		22.42			
100	QPSK	1	1		22.84		24.5	0.0
100	QPSK	1	137		22.88			
100	QPSK	1	271		22.58			
100	QPSK	135	0		21.81		23.5	1.0
100	QPSK	135	69		22.82		24.5	0.0
100	QPSK	135	138		21.77		23.5	1.0
100	QPSK	270	0		21.82			
100	16QAM	1	1		21.85		23.5	1.0
100	64QAM	1	1		20.36		22.0	2.5
100	256QAM	1	1		18.27		20.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.69	22.81	22.67	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.64	22.81	22.69	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.69	22.71	22.63	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.67	22.83	22.62	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.67	22.80	22.65	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.69	22.67	22.66	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	22.67	22.76	22.66	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.72	22.86	22.62	24.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.77		24.5	0.0
100	PI/2 BPSK	1	137		22.68			
100	PI/2 BPSK	1	271		22.57			
100	PI/2 BPSK	135	0		22.36		24.0	0.5
100	PI/2 BPSK	135	69		22.77		24.5	0.0
100	PI/2 BPSK	135	138		22.25		24.0	0.5
100	PI/2 BPSK	270	0		22.46			
100	QPSK	1	1		22.82		24.5	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.61			
100	QPSK	135	0		21.74		23.5	1.0
100	QPSK	135	69		22.84		24.5	0.0
100	QPSK	135	138		21.83		23.5	1.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.86		23.5	1.0
100	64QAM	1	1		20.33		22.0	2.5
100	256QAM	1	1		18.36		20.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.72	22.83	22.75	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.80	22.83	22.65	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.63	22.76	22.66	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.71	22.84	22.69	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.67	22.80	22.67	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.66	22.76	22.75	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	22.71	22.80	22.63	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.81	22.84	22.63	24.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.55		26.0	0.0
100	PI/2 BPSK	1	137		24.49			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.07		25.5	0.5
100	PI/2 BPSK	135	69		24.52		26.0	0.0
100	PI/2 BPSK	135	138		24.16		25.5	0.5
100	PI/2 BPSK	270	0		24.12			
100	QPSK	1	1		24.48		26.0	0.0
100	QPSK	1	137		24.57			
100	QPSK	1	271		24.36			
100	QPSK	135	0		23.56		25.0	1.0
100	QPSK	135	69		24.51		26.0	0.0
100	QPSK	135	138		23.58		25.0	1.0
100	QPSK	270	0		23.63			
100	16QAM	1	1		23.65		25.0	1.0
100	64QAM	1	1		21.98		23.5	2.5
100	256QAM	1	1		19.98		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.18	24.45	23.98	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.11	24.38	24.05	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.18	24.40	24.03	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	24.23	24.42	23.95	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.11	24.48	24.03	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.26	24.00	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	24.19	24.47	24.17	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.22	24.47	24.18	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.34		26.0	0.0
100	PI/2 BPSK	1	137		24.38			
100	PI/2 BPSK	1	271		24.43			
100	PI/2 BPSK	135	0		24.03		25.5	0.5
100	PI/2 BPSK	135	69		24.37		26.0	0.0
100	PI/2 BPSK	135	138		23.90		25.5	0.5
100	PI/2 BPSK	270	0		23.84			
100	QPSK	1	1		24.34		26.0	0.0
100	QPSK	1	137		24.44			
100	QPSK	1	271		24.30			
100	QPSK	135	0		23.49		25.0	1.0
100	QPSK	135	69		24.35		26.0	0.0
100	QPSK	135	138		23.53		25.0	1.0
100	QPSK	270	0		23.53			
100	16QAM	1	1		23.40		25.0	1.0
100	64QAM	1	1		21.95		23.5	2.5
100	256QAM	1	1		19.88		21.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.03	24.22	24.01	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.32	24.10	26.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.01	24.23	24.09	26.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.06	24.13	24.03	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.06	24.15	23.95	26.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.16	24.13	24.06	26.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.03	24.33	24.14	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.06	24.16	24.03	26.0	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.82	23.85	23.81	24.0	0.0
40	PI/2 BPSK	1	108	23.77	23.83	23.79		
40	PI/2 BPSK	1	214	23.82	23.82	23.80		
40	PI/2 BPSK	108	0	23.32	23.33	23.31	23.5	0.5
40	PI/2 BPSK	108	54	23.81	23.84	23.85	24.0	0.0
40	PI/2 BPSK	108	108	23.32	23.29	23.31	23.5	0.5
40	PI/2 BPSK	216	0	23.28	23.31	23.28		
40	QPSK	1	1	23.85	23.84	23.85	24.0	0.0
40	QPSK	1	108	23.83	23.86	23.83		
40	QPSK	1	214	23.81	23.83	23.82		
40	QPSK	108	0	22.88	22.81	22.84	23.0	1.0
40	QPSK	108	54	23.81	23.83	23.82	24.0	0.0
40	QPSK	108	108	22.89	22.84	22.84	23.0	1.0
40	QPSK	216	0	22.82	22.87	22.74		
40	16QAM	1	1	22.83	22.83	22.87	23.0	1.0
40	64QAM	1	1	21.36	21.35	21.37	21.5	2.5
40	256QAM	1	1	19.26	19.44	19.37	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	23.82	23.85	23.74	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	23.85	23.71	23.81	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	23.80	23.85	23.82	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.78	23.82	23.81	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	23.84	23.85	23.80	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	23.75	23.85	23.82	24.0	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.75	23.79	23.80	24.0	0.0
40	PI/2 BPSK	1	108	23.82	23.77	23.81		
40	PI/2 BPSK	1	214	23.77	23.82	23.80		
40	PI/2 BPSK	108	0	23.31	23.30	23.33	23.5	0.5
40	PI/2 BPSK	108	54	23.80	23.77	23.78	24.0	0.0
40	PI/2 BPSK	108	108	23.27	23.30	23.26	23.5	0.5
40	PI/2 BPSK	216	0	23.25	23.27	23.29		
40	QPSK	1	1	23.75	23.80	23.80	24.0	0.0
40	QPSK	1	108	23.78	23.85	23.81		
40	QPSK	1	214	23.77	23.78	23.77		
40	QPSK	108	0	22.80	22.79	22.81	23.0	1.0
40	QPSK	108	54	23.76	23.78	23.75	24.0	0.0
40	QPSK	108	108	22.83	22.80	22.78	23.0	1.0
40	QPSK	216	0	22.79	22.82	22.80		
40	16QAM	1	1	22.85	22.84	22.83	23.0	1.0
40	64QAM	1	1	21.42	21.28	21.38	21.5	2.5
40	256QAM	1	1	19.37	19.37	19.43	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.53	23.64	23.61	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.62	23.58	23.70	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.58	23.58	23.60	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.60	23.54	23.69	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.48	23.57	23.71	24.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.15	24.16	24.17	24.5	0.0
40	PI/2 BPSK	1	53	24.18	24.18	24.15		
40	PI/2 BPSK	1	104	24.17	24.20	23.21		
40	PI/2 BPSK	50	0	23.69	23.68	23.69	24.0	0.5
40	PI/2 BPSK	50	28	24.15	24.21	24.18	24.5	0.0
40	PI/2 BPSK	50	56	23.68	23.70	23.72	24.0	0.5
40	PI/2 BPSK	100	0	23.77	23.73	23.71		
40	QPSK	1	1	24.17	24.17	24.21	24.5	0.0
40	QPSK	1	53	24.20	24.22	24.17		
40	QPSK	1	104	24.17	24.16	24.16		
40	QPSK	50	0	23.10	23.18	23.21	23.5	1.0
40	QPSK	50	28	24.16	24.17	24.15	24.5	0.0
40	QPSK	50	56	23.13	23.33	23.17	23.5	1.0
40	QPSK	100	0	23.15	23.17	23.11		
40	16QAM	1	1	23.16	23.32	23.22	23.5	1.0
40	64QAM	1	1	21.70	21.68	21.69	22.0	2.5
40	256QAM	1	1	19.70	19.68	19.67	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	24.15	24.21	24.09	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.06	24.1	23.88	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	24.06	24.16	24.15	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	24.13	24.14	24.13	24.5	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	2592.99	2640		
100	PI/2 BPSK	1	1	24.03	24.18	24.17	24.5	0.0
100	PI/2 BPSK	1	137	24.16	24.20	24.20		
100	PI/2 BPSK	1	271	24.19	24.17	24.18		
100	PI/2 BPSK	135	0	23.57	23.57	23.65	24.0	0.5
100	PI/2 BPSK	135	69	23.99	24.13	23.96	24.5	0.0
100	PI/2 BPSK	135	138	23.67	23.66	23.68	24.0	0.5
100	PI/2 BPSK	270	0	23.70	23.73	23.58		
100	QPSK	1	1	24.19	24.33	24.16	24.5	0.0
100	QPSK	1	137	24.27	24.35	24.31		
100	QPSK	1	271	24.14	24.15	24.16		
100	QPSK	135	0	23.20	23.09	23.17	23.5	1.0
100	QPSK	135	69	24.02	24.09	24.06	24.5	0.0
100	QPSK	135	138	23.05	23.16	23.10	23.5	1.0
100	QPSK	270	0	23.04	23.18	23.08		
100	16QAM	1	1	23.05	23.10	22.88	23.5	1.0
100	64QAM	1	1	21.68	21.77	21.71	22.0	2.5
100	256QAM	1	1	19.79	19.93	19.80	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	24.14	24.17	24.14	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.3	24.15	24.2	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.14	24.24	24.19	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.27	24.17	24.24	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.30	24.14	24.21	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.14	24.20	24.19	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.19	24.21	24.13	24.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.18	23.27	23.17	23.5	0.0
100	PI/2 BPSK	1	137	23.27	23.41	23.24		
100	PI/2 BPSK	1	271	22.98	23.24	23.03		
100	PI/2 BPSK	135	0	22.62	22.91	22.67	23.0	0.5
100	PI/2 BPSK	135	69	23.21	23.42	23.28	23.5	0.0
100	PI/2 BPSK	135	138	22.72	22.93	22.69	23.0	0.5
100	PI/2 BPSK	270	0	22.98	23.07	22.96		
100	QPSK	1	1	23.12	23.42	23.20	23.5	0.0
100	QPSK	1	137	23.13	23.45	23.25		
100	QPSK	1	271	23.13	23.28	23.03		
100	QPSK	135	0	22.21	22.46	22.26	22.5	1.0
100	QPSK	135	69	23.13	23.23	23.08	23.5	0.0
100	QPSK	135	138	22.11	22.35	22.06	22.5	1.0
100	QPSK	270	0	22.30	22.45	22.23		
100	16QAM	1	1	22.19	22.41	22.24	22.5	1.0
100	64QAM	1	1	20.86	21.01	20.86	21.0	2.5
100	256QAM	1	1	18.60	18.85	18.64	19.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	22.87	23.19	23.06	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	23.02	23.18	23.11	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	22.84	23.31	23.00	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.85	23.26	23.11	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	22.88	23.19	23.09	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.94	23.14	23.12	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	22.82	23.31	22.98	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.92	23.18	22.96	23.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.23		23.5	0.0
100	PI/2 BPSK	1	137		23.37			
100	PI/2 BPSK	1	271		23.28			
100	PI/2 BPSK	135	0		23.00		23.0	0.5
100	PI/2 BPSK	135	69		23.34		23.5	0.0
100	PI/2 BPSK	135	138		22.98		23.0	0.5
100	PI/2 BPSK	270	0		22.86			
100	QPSK	1	1		23.35		23.5	0.0
100	QPSK	1	137		23.41			
100	QPSK	1	271		23.36			
100	QPSK	135	0		22.32		22.5	1.0
100	QPSK	135	69		23.31		23.5	0.0
100	QPSK	135	138		22.49		22.5	1.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.42		22.5	1.0
100	64QAM	1	1		20.91		21.0	2.5
100	256QAM	1	1		18.90		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.92	23.28	22.96	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.90	23.16	22.90	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.94	23.13	23.00	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.88	23.30	22.92	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.97	23.26	23.04	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.91	23.19	23.01	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	23.00	23.30	22.99	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.59	22.60	22.50	23.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.39		23.5	0.0
100	PI/2 BPSK	1	137		23.31			
100	PI/2 BPSK	1	271		23.20			
100	PI/2 BPSK	135	0		22.76		23.0	0.5
100	PI/2 BPSK	135	69		23.16		23.5	0.0
100	PI/2 BPSK	135	138		22.77		23.0	0.5
100	PI/2 BPSK	270	0		22.70			
100	QPSK	1	1		23.31		23.5	0.0
100	QPSK	1	137		23.41			
100	QPSK	1	271		23.24			
100	QPSK	135	0		22.17		22.5	1.0
100	QPSK	135	69		23.31		23.5	0.0
100	QPSK	135	138		22.35		22.5	1.0
100	QPSK	270	0		22.29			
100	16QAM	1	1		22.50		22.5	1.0
100	64QAM	1	1		20.81		21.0	2.5
100	256QAM	1	1		18.92		19.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.99	23.20	23.32	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.86	23.06	22.90	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.90	23.19	22.78	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.98	23.14	22.89	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.84	23.11	22.70	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.95	23.19	22.97	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	22.91	23.34	22.99	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.88	23.14	23.04	23.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.33		23.5	0.0
100	PI/2 BPSK	1	137		23.37			
100	PI/2 BPSK	1	271		23.25			
100	PI/2 BPSK	135	0		22.97		23.0	0.5
100	PI/2 BPSK	135	69		23.36		23.5	0.0
100	PI/2 BPSK	135	138		22.83		23.0	0.5
100	PI/2 BPSK	270	0		22.89			
100	QPSK	1	1		23.40		23.5	0.0
100	QPSK	1	137		23.43			
100	QPSK	1	271		23.35			
100	QPSK	135	0		22.35		22.5	1.0
100	QPSK	135	69		23.38		23.5	0.0
100	QPSK	135	138		22.42		22.5	1.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.44		22.5	1.0
100	64QAM	1	1		21.12		21.0	2.5
100	256QAM	1	1		19.00		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.81	23.26	22.82	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.81	23.23	22.80	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.74	23.29	22.73	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.94	23.32	22.81	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.77	23.15	22.73	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.91	23.14	22.88	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	22.83	23.29	22.86	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.91	22.99	22.93	23.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.92		26.5	0.0
100	PI/2 BPSK	1	137		24.95			
100	PI/2 BPSK	1	271		24.79			
100	PI/2 BPSK	135	0		24.40		26.0	0.5
100	PI/2 BPSK	135	69		24.81		26.5	0.0
100	PI/2 BPSK	135	138		24.42		26.0	0.5
100	PI/2 BPSK	270	0		24.45			
100	QPSK	1	1		24.97		26.5	0.0
100	QPSK	1	137		25.00			
100	QPSK	1	271		24.90			
100	QPSK	135	0		23.88		25.5	1.0
100	QPSK	135	69		24.87		26.5	0.0
100	QPSK	135	138		24.06		25.5	1.0
100	QPSK	270	0		23.89			
100	16QAM	1	1		24.10		25.5	1.0
100	64QAM	1	1		22.57		24.0	2.5
100	256QAM	1	1		20.46		22.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.37	24.89	24.60	26.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.44	24.74	24.61	26.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.39	24.89	24.49	26.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	24.44	24.75	24.56	26.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.46	24.78	24.43	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.39	24.69	24.42	26.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	24.58	24.70	24.58	26.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.52	24.82	24.60	26.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.23		26.5	0.0
100	PI/2 BPSK	1	137		25.27			
100	PI/2 BPSK	1	271		25.07			
100	PI/2 BPSK	135	0		24.78		26.0	0.5
100	PI/2 BPSK	135	69		25.26		26.5	0.0
100	PI/2 BPSK	135	138		24.69		26.0	0.5
100	PI/2 BPSK	270	0		24.72			
100	QPSK	1	1		25.20		26.5	0.0
100	QPSK	1	137		25.28			
100	QPSK	1	271		25.20			
100	QPSK	135	0		24.16		25.5	1.0
100	QPSK	135	69		25.11		26.5	0.0
100	QPSK	135	138		24.18		25.5	1.0
100	QPSK	270	0		24.39			
100	16QAM	1	1		24.22		25.5	1.0
100	64QAM	1	1		22.83		24.0	2.5
100	256QAM	1	1		20.78		22.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.81	25.05	24.67	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.90	25.18	24.66	26.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.68	25.20	24.83	26.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.72	25.00	24.90	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.86	25.13	24.84	26.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.76	25.03	24.75	26.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.76	25.01	24.70	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.84	25.07	24.66	26.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.23	24.37	24.23	25.5	0.0
100	PI/2 BPSK	1	137	24.08	24.34	24.09		
100	PI/2 BPSK	1	271	24.04	24.35	24.26		
100	PI/2 BPSK	135	0	23.83	24.01	23.72	25.0	0.5
100	PI/2 BPSK	135	69	24.10	24.36	24.21	25.5	0.0
100	PI/2 BPSK	135	138	23.62	23.93	23.68	25.0	0.5
100	PI/2 BPSK	270	0	23.74	23.89	23.62		
100	QPSK	1	1	24.10	24.36	24.08	25.5	0.0
100	QPSK	1	137	24.28	24.41	24.15		
100	QPSK	1	271	24.14	24.22	23.98		
100	QPSK	135	0	23.34	23.48	23.38	24.5	1.0
100	QPSK	135	69	23.99	24.25	24.14	25.5	0.0
100	QPSK	135	138	23.06	23.29	23.20	24.5	1.0
100	QPSK	270	0	23.12	23.40	23.29		
100	16QAM	1	1	23.17	23.30	23.08	24.5	1.0
100	64QAM	1	1	21.80	21.92	21.80	23.0	2.5
100	256QAM	1	1	19.82	19.96	19.64	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.98	24.21	23.99	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.08	24.15	24.04	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	23.96	24.11	24.01	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.06	24.13	23.98	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.11	24.21	23.99	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.20	24.16	24.04	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	24.11	24.26	23.91	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.14	24.15	23.91	25.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.05		25.5	0.0
100	PI/2 BPSK	1	137		25.14			
100	PI/2 BPSK	1	271		25.02			
100	PI/2 BPSK	135	0		24.78		25.0	0.5
100	PI/2 BPSK	135	69		25.01		25.5	0.0
100	PI/2 BPSK	135	138		24.73		25.0	0.5
100	PI/2 BPSK	270	0		24.82			
100	QPSK	1	1		25.18		25.5	0.0
100	QPSK	1	137		25.21			
100	QPSK	1	271		25.19			
100	QPSK	135	0		24.29		24.5	1.0
100	QPSK	135	69		25.07		25.5	0.0
100	QPSK	135	138		24.27		24.5	1.0
100	QPSK	270	0		24.12			
100	16QAM	1	1		24.12		24.5	1.0
100	64QAM	1	1		22.70		23.0	2.5
100	256QAM	1	1		20.81		21.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.67	25.00	24.81	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.67	25.08	24.79	25.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.82	24.93	24.97	25.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.85	24.93	24.88	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.65	25.07	24.81	25.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.81	25.05	24.86	25.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.67	24.94	24.90	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.85	25.05	24.79	25.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.28		25.5	0.0
100	PI/2 BPSK	1	137		25.37			
100	PI/2 BPSK	1	271		25.21			
100	PI/2 BPSK	135	0		25.01		25.0	0.5
100	PI/2 BPSK	135	69		25.36		25.5	0.0
100	PI/2 BPSK	135	138		24.95		25.0	0.5
100	PI/2 BPSK	270	0		25.02			
100	QPSK	1	1		25.24		25.5	0.0
100	QPSK	1	137		25.40			
100	QPSK	1	271		25.34			
100	QPSK	135	0		24.29		24.5	1.0
100	QPSK	135	69		25.39		25.5	0.0
100	QPSK	135	138		24.37		24.5	1.0
100	QPSK	270	0		24.41			
100	16QAM	1	1		24.60		24.5	1.0
100	64QAM	1	1		22.96		23.0	2.5
100	256QAM	1	1		20.91		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	25.11	25.28	25.01	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.89	25.38	25.07	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.12	25.23	24.84	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	25.20	25.24	24.94	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.90	25.20	25.21	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.96	25.27	24.97	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	25.09	25.09	25.22	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	25.15	25.10	25.05	25.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.35		25.5	0.0
100	PI/2 BPSK	1	137		25.33			
100	PI/2 BPSK	1	271		25.13			
100	PI/2 BPSK	135	0		25.08		25.0	0.5
100	PI/2 BPSK	135	69		25.15		25.5	0.0
100	PI/2 BPSK	135	138		24.97		25.0	0.5
100	PI/2 BPSK	270	0		24.81			
100	QPSK	1	1		25.24		25.5	0.0
100	QPSK	1	137		25.37			
100	QPSK	1	271		25.32			
100	QPSK	135	0		24.47		24.5	1.0
100	QPSK	135	69		25.13		25.5	0.0
100	QPSK	135	138		24.56		24.5	1.0
100	QPSK	270	0		24.48			
100	16QAM	1	1		24.52		24.5	1.0
100	64QAM	1	1		23.03		23.0	2.5
100	256QAM	1	1		20.88		21.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	25.06	25.17	25.20	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.95	25.06	24.96	25.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.96	25.19	24.95	25.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.77	25.18	25.11	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.94	25.11	24.95	25.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.91	25.27	25.06	25.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.85	25.17	25.05	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.80	25.24	25.04	25.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.03		27.5	0.0
100	PI/2 BPSK	1	137		26.00			
100	PI/2 BPSK	1	271		25.94			
100	PI/2 BPSK	135	0		25.60		27.0	0.5
100	PI/2 BPSK	135	69		26.03		27.5	0.0
100	PI/2 BPSK	135	138		25.57		27.0	0.5
100	PI/2 BPSK	270	0		25.59			
100	QPSK	1	1		26.00		27.5	0.0
100	QPSK	1	137		26.08			
100	QPSK	1	271		26.02			
100	QPSK	135	0		25.04		26.5	1.0
100	QPSK	135	69		26.04		27.5	0.0
100	QPSK	135	138		25.00		26.5	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.19		26.5	1.0
100	64QAM	1	1		23.64		25.0	2.5
100	256QAM	1	1		21.62		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	25.76	25.89	25.75	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	25.65	25.94	25.73	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.68	25.82	25.60	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	25.78	25.90	25.66	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	25.64	25.80	25.80	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	25.73	25.90	25.69	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	25.75	25.85	25.81	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	25.76	25.80	25.81	27.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.53		27.5	0.0
100	PI/2 BPSK	1	137		26.52			
100	PI/2 BPSK	1	271		26.40			
100	PI/2 BPSK	135	0		26.22		27.0	0.5
100	PI/2 BPSK	135	69		26.44		27.5	0.0
100	PI/2 BPSK	135	138		26.18		27.0	0.5
100	PI/2 BPSK	270	0		26.11			
100	QPSK	1	1		26.48		27.5	0.0
100	QPSK	1	137		26.61			
100	QPSK	1	271		26.50			
100	QPSK	135	0		25.67		26.5	1.0
100	QPSK	135	69		26.42		27.5	0.0
100	QPSK	135	138		25.66		26.5	1.0
100	QPSK	270	0		25.65			
100	16QAM	1	1		25.63		26.5	1.0
100	64QAM	1	1		24.13		25.0	2.5
100	256QAM	1	1		22.05		23.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	26.15	26.42	26.35	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	26.13	26.37	26.20	27.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	26.21	26.41	26.25	27.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	26.04	26.46	26.33	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	26.03	26.39	26.29	27.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	26.22	26.31	26.36	27.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	26.09	26.41	26.21	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	26.22	26.35	26.21	27.5	0.0

PC3 n77_Ant13 DSI 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.77	25.05	24.74	26.0	0.0
100	PI/2 BPSK	1	137	24.85	25.09	24.97		
100	PI/2 BPSK	1	271	24.72	24.99	24.79		
100	PI/2 BPSK	135	0	24.34	24.58	24.46	25.5	0.5
100	PI/2 BPSK	135	69	24.90	25.07	24.90	26.0	0.0
100	PI/2 BPSK	135	138	24.42	24.52	24.28	25.5	0.5
100	PI/2 BPSK	270	0	24.28	24.50	24.18		
100	QPSK	1	1	24.80	24.95	24.64	26.0	0.0
100	QPSK	1	137	24.92	25.10	24.92		
100	QPSK	1	271	24.59	24.88	24.66		
100	QPSK	135	0	23.76	24.07	23.77	25.0	1.0
100	QPSK	135	69	24.70	25.00	24.81	26.0	0.0
100	QPSK	135	138	23.79	23.98	23.79	25.0	1.0
100	QPSK	270	0	23.90	24.06	23.87		
100	16QAM	1	1	23.86	24.02	23.74	25.0	1.0
100	64QAM	1	1	22.37	22.66	22.45	23.5	2.5
100	256QAM	1	1	20.55	20.69	20.37	21.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.82	24.90	24.62	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.62	24.87	24.69	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	24.66	24.94	24.76	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.64	24.96	24.72	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.70	24.96	24.66	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.76	24.84	24.64	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	24.73	24.91	24.66	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.82	24.96	24.78	26.0	0.0

PC3 Par27Q n77_Ant13 DSI 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.03		26.0	0.0
100	PI/2 BPSK	1	137		25.07			
100	PI/2 BPSK	1	271		25.03			
100	PI/2 BPSK	135	0		24.52		25.5	0.5
100	PI/2 BPSK	135	69		25.00		26.0	0.0
100	PI/2 BPSK	135	138		24.67		25.5	0.5
100	PI/2 BPSK	270	0		24.58			
100	QPSK	1	1		25.05		26.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.04			
100	QPSK	135	0		24.15		25.0	1.0
100	QPSK	135	69		25.08		26.0	0.0
100	QPSK	135	138		24.06		25.0	1.0
100	QPSK	270	0		24.16			
100	16QAM	1	1		24.21		25.0	1.0
100	64QAM	1	1		22.73		23.5	2.5
100	256QAM	1	1		20.72		21.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.74	24.99	24.84	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.69	25.00	24.64	26.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.76	24.88	24.68	26.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.70	24.95	24.73	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.81	24.85	24.77	26.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.79	24.88	24.76	26.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.72	24.96	24.77	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.64	25.00	24.73	26.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.50		26.0	0.0
100	PI/2 BPSK	1	137		25.40			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		25.02		25.5	0.5
100	PI/2 BPSK	135	69		25.30		26.0	0.0
100	PI/2 BPSK	135	138		24.94		25.5	0.5
100	PI/2 BPSK	270	0		24.95			
100	QPSK	1	1		25.52		26.0	0.0
100	QPSK	1	137		25.54			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.63		25.0	1.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		24.57		25.0	1.0
100	QPSK	270	0		24.54			
100	16QAM	1	1		24.45		25.0	1.0
100	64QAM	1	1		22.97		23.5	2.5
100	256QAM	1	1		20.97		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.89	25.27	25.08	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	25.01	25.12	25.03	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.08	25.29	24.91	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	25.10	25.23	24.97	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	25.11	25.28	24.85	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	25.06	25.22	24.83	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	24.96	25.24	25.01	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	25.06	25.21	24.93	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.47		26.0	0.0
100	PI/2 BPSK	1	137		25.45			
100	PI/2 BPSK	1	271		25.46			
100	PI/2 BPSK	135	0		25.02		25.5	0.5
100	PI/2 BPSK	135	69		25.41		26.0	0.0
100	PI/2 BPSK	135	138		25.02		25.5	0.5
100	PI/2 BPSK	270	0		25.00			
100	QPSK	1	1		25.42		26.0	0.0
100	QPSK	1	137		25.50			
100	QPSK	1	271		25.48			
100	QPSK	135	0		24.55		25.0	1.0
100	QPSK	135	69		25.45		26.0	0.0
100	QPSK	135	138		24.48		25.0	1.0
100	QPSK	270	0		24.40			
100	16QAM	1	1		24.35		25.0	1.0
100	64QAM	1	1		22.91		23.5	2.5
100	256QAM	1	1		21.09		21.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.93	25.34	25.20	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.96	25.20	25.02	26.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.99	25.15	24.83	26.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.89	25.24	24.94	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.93	25.24	25.01	26.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.88	25.24	25.01	26.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	25.12	25.24	24.97	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.97	25.14	24.96	26.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.48		27.5	0.0
100	PI/2 BPSK	1	137		26.46			
100	PI/2 BPSK	1	271		26.47			
100	PI/2 BPSK	135	0		26.10		27.0	0.5
100	PI/2 BPSK	135	69		26.38		27.5	0.0
100	PI/2 BPSK	135	138		26.03		27.0	0.5
100	PI/2 BPSK	270	0		25.95			
100	QPSK	1	1		26.46		27.5	0.0
100	QPSK	1	137		26.49			
100	QPSK	1	271		26.33			
100	QPSK	135	0		25.54		26.5	1.0
100	QPSK	135	69		26.35		27.5	0.0
100	QPSK	135	138		25.58		26.5	1.0
100	QPSK	270	0		25.57			
100	16QAM	1	1		25.51		26.5	1.0
100	64QAM	1	1		23.98		25.0	2.5
100	256QAM	1	1		22.02		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	26.11	26.18	26.14	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	26.19	26.17	26.09	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	26.04	26.29	26.21	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	26.20	26.27	26.10	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	26.11	26.24	26.18	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	26.11	26.38	26.04	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	26.09	26.38	26.11	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	26.15	26.28	26.15	27.5	0.0

PC2 Par27Q n78_Ant13 DSI 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.75		27.5	0.0
100	PI/2 BPSK	1	137		26.84			
100	PI/2 BPSK	1	271		26.85			
100	PI/2 BPSK	135	0		26.49		27.0	0.5
100	PI/2 BPSK	135	69		26.89		27.5	0.0
100	PI/2 BPSK	135	138		26.50		27.0	0.5
100	PI/2 BPSK	270	0		26.57			
100	QPSK	1	1		26.76		27.5	0.0
100	QPSK	1	137		26.97			
100	QPSK	1	271		26.75			
100	QPSK	135	0		26.04		26.5	1.0
100	QPSK	135	69		26.78		27.5	0.0
100	QPSK	135	138		25.88		26.5	1.0
100	QPSK	270	0		25.86			
100	16QAM	1	1		25.93		26.5	1.0
100	64QAM	1	1		24.39		25.0	2.5
100	256QAM	1	1		22.49		23.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	26.43	26.76	26.63	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	26.47	26.72	26.44	27.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	26.54	26.69	26.41	27.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	26.46	26.83	26.43	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	26.42	26.83	26.60	27.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	26.45	26.76	26.61	27.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	26.54	26.67	26.57	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	26.41	26.66	26.42	27.5	0.0

Reduced power level for 5G NR

n5 Ant1_DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.30	22.43	22.26	23.5	0.0
20	PI/2 BPSK	1	53	22.41	22.53	22.34		
20	PI/2 BPSK	1	104	22.19	22.34	22.04		
20	PI/2 BPSK	50	0	22.32	22.47	22.38	23.5	0.0
20	PI/2 BPSK	50	28	22.20	22.46	22.24	23.5	0.0
20	PI/2 BPSK	50	56	22.11	22.39	22.18	23.5	0.0
20	PI/2 BPSK	100	0	22.27	22.45	22.15		
20	QPSK	1	1	22.26	22.40	22.16	23.5	0.0
20	QPSK	1	53	22.26	22.54	22.33		
20	QPSK	1	104	22.27	22.37	22.12		
20	QPSK	50	0	22.28	22.43	22.25	23.5	0.0
20	QPSK	50	28	22.33	22.45	22.16	23.5	0.0
20	QPSK	50	56	22.05	22.36	22.16	23.5	0.0
20	QPSK	100	0	22.26	22.42	22.12		
20	16QAM	1	1	22.01	22.27	22.08	23.5	0.0
20	64QAM	1	1	22.05	22.06	22.05	23.0	0.5
20	256QAM	1	1	20.40	20.50	20.60	21.0	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	22.41	22.43	22.51	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	22.43	22.40	22.23	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	22.46	22.50	22.45	23.5	0.0

n5 Ant1_DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.33	23.34	23.31	24.5	0.0
20	PI/2 BPSK	1	53	23.50	23.50	23.46		
20	PI/2 BPSK	1	104	23.07	23.29	23.03		
20	PI/2 BPSK	50	0	23.31	23.50	23.40	24.5	0.0
20	PI/2 BPSK	50	28	23.09	23.50	23.22	24.5	0.0
20	PI/2 BPSK	50	56	23.18	23.45	23.14	24.5	0.0
20	PI/2 BPSK	100	0	23.36	23.48	23.10		
20	QPSK	1	1	23.24	23.32	23.16	24.5	0.0
20	QPSK	1	53	23.16	23.51	23.40		
20	QPSK	1	104	23.33	23.48	23.00		
20	QPSK	50	0	23.18	23.39	23.37	24.5	0.0
20	QPSK	50	28	23.31	23.45	23.15	24.5	0.0
20	QPSK	50	56	23.16	23.39	23.05	24.5	0.0
20	QPSK	100	0	23.22	23.50	23.16		
20	16QAM	1	1	23.13	23.21	22.97	24.5	0.0
20	64QAM	1	1	21.92	22.04	22.02	23.0	1.5
20	256QAM	1	1	20.03	20.05	20.09	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.43	23.34	23.45	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.45	23.34	23.11	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.44	23.41	23.35	24.5	0.0

n7 Ant2_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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.49	18.60	18.53	19.0	0.0
40	PI/2 BPSK	1	108	18.64	18.65	18.63		
40	PI/2 BPSK	1	214	18.70	18.64	18.80		
40	PI/2 BPSK	108	0	18.65	18.61	18.63	19.0	0.0
40	PI/2 BPSK	108	54	18.71	18.63	18.60	19.0	0.0
40	PI/2 BPSK	108	108	18.58	18.61	18.68	19.0	0.0
40	PI/2 BPSK	216	0	18.65	18.65	18.66		
40	QPSK	1	1	18.48	18.60	18.66	19.0	0.0
40	QPSK	1	108	18.77	18.85	18.75		
40	QPSK	1	214	18.72	18.71	18.73		
40	QPSK	108	0	18.62	18.67	18.52	19.0	0.0
40	QPSK	108	54	18.62	18.68	18.52	19.0	0.0
40	QPSK	108	108	18.67	18.67	18.55	19.0	0.0
40	QPSK	216	0	18.57	18.65	18.50		
40	16QAM	1	1	18.49	18.57	18.63	19.0	0.0
40	64QAM	1	1	18.71	18.65	18.74	19.0	0.0
40	256QAM	1	1	18.56	18.53	18.50	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	18.60	18.60	18.60	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	18.75	18.76	18.76	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	18.76	18.82	18.73	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	18.75	18.76	18.76	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	18.83	18.85	18.82	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	18.82	18.73	18.71	19.0	0.0

n66 Ant2_DSI 3&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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.81	23.78	23.83	24.0	0.0
40	PI/2 BPSK	1	108	23.75	23.76	23.71		
40	PI/2 BPSK	1	214	23.85	23.80	23.85		
40	PI/2 BPSK	108	0	23.83	23.82	23.82	24.0	0.0
40	PI/2 BPSK	108	54	23.72	23.81	23.70	24.0	0.0
40	PI/2 BPSK	108	108	23.81	23.75	23.77	24.0	0.0
40	PI/2 BPSK	216	0	23.84	23.85	23.82		
40	QPSK	1	1	23.76	23.74	23.83	24.0	0.0
40	QPSK	1	108	23.82	23.86	23.85		
40	QPSK	1	214	23.77	23.79	23.78		
40	QPSK	108	0	23.34	23.30	23.36	23.5	0.5
40	QPSK	108	54	23.82	23.84	23.77	24.0	0.0
40	QPSK	108	108	23.36	23.38	23.38	23.5	0.5
40	QPSK	216	0	23.36	23.37	23.32		
40	16QAM	1	1	23.42	23.41	23.41	23.5	0.5
40	64QAM	1	1	21.83	21.78	21.79	22.0	2.0
40	256QAM	1	1	19.83	19.84	19.80	20.0	4.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.81	23.72	23.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.80	23.69	23.59	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.85	23.82	23.71	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.86	23.73	23.86	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.75	23.75	23.77	24.0	0.0

n66 Ant2_DSI5

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.33	18.44	18.40	19.0	0.0
40	PI/2 BPSK	1	108	18.51	18.51	18.43		
40	PI/2 BPSK	1	214	18.48	18.47	18.38		
40	PI/2 BPSK	108	0	18.36	18.48	18.48	19.0	0.0
40	PI/2 BPSK	108	54	18.50	18.49	18.43	19.0	0.0
40	PI/2 BPSK	108	108	18.32	18.44	18.45	19.0	0.0
40	PI/2 BPSK	216	0	18.45	18.51	18.51		
40	QPSK	1	1	18.51	18.49	18.38	19.0	0.0
40	QPSK	1	108	18.49	18.52	18.45		
40	QPSK	1	214	18.50	18.5	18.40		
40	QPSK	108	0	18.37	18.45	18.38	19.0	0.0
40	QPSK	108	54	18.45	18.46	18.34	19.0	0.0
40	QPSK	108	108	18.41	18.42	18.38	19.0	0.0
40	QPSK	216	0	18.42	18.42	18.37		
40	16QAM	1	1	18.45	18.48	18.47	19.0	0.0
40	64QAM	1	1	18.37	18.45	18.48	19.0	0.0
40	256QAM	1	1	18.48	18.48	18.41	19.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	18.66	18.76	18.65	19.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	18.76	18.75	18.62	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	18.68	18.83	18.51	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	18.52	18.74	18.65	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	18.78	18.60	18.72	19.0	0.0

n38 Ant2_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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.31	19.38	19.39	20.0	0.0
40	PI/2 BPSK	1	53	19.38	19.34	19.36		
40	PI/2 BPSK	1	104	19.26	19.34	19.37		
40	PI/2 BPSK	50	0	19.38	19.38	19.28	20.0	0.0
40	PI/2 BPSK	50	28	19.39	19.38	19.31	20.0	0.0
40	PI/2 BPSK	50	56	19.31	19.36	19.34	20.0	0.0
40	PI/2 BPSK	100	0	19.25	19.35	19.38		
40	QPSK	1	1	19.26	19.38	19.35	20.0	0.0
40	QPSK	1	53	19.36	19.41	19.34		
40	QPSK	1	104	19.26	19.35	19.33		
40	QPSK	50	0	19.36	19.36	19.31	20.0	0.0
40	QPSK	50	28	19.35	19.39	19.30	20.0	0.0
40	QPSK	50	56	19.38	19.23	19.36	20.0	0.0
40	QPSK	100	0	19.32	19.38	19.34		
40	16QAM	1	1	19.24	19.36	19.33	20.0	0.0
40	64QAM	1	1	19.39	19.39	19.36	20.0	0.0
40	256QAM	1	1	19.09	18.98	19.05	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.35	19.35	19.26	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.34	19.4	19.41	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	19.34	19.39	19.25	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	19.34	19.31	19.41	20.0	0.0

n41 Ant2_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)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.35	19.45	19.30	20.0	0.0
100	PI/2 BPSK	1	137	19.40	19.47	19.34		
100	PI/2 BPSK	1	271	19.41	19.36	19.34		
100	PI/2 BPSK	135	0	19.36	19.45	19.34	20.0	0.0
100	PI/2 BPSK	135	69	19.40	19.48	19.46	20.0	0.0
100	PI/2 BPSK	135	138	19.21	19.31	19.32	20.0	0.0
100	PI/2 BPSK	270	0	19.31	19.37	19.20		
100	QPSK	1	1	19.33	19.40	19.29	20.0	0.0
100	QPSK	1	137	19.44	19.49	19.40		
100	QPSK	1	271	19.36	19.42	19.33		
100	QPSK	135	0	19.31	19.38	19.39	20.0	0.0
100	QPSK	135	69	19.37	19.41	19.36	20.0	0.0
100	QPSK	135	138	19.37	19.35	19.35	20.0	0.0
100	QPSK	270	0	19.40	19.42	19.33		
100	16QAM	1	1	19.32	19.42	19.45	20.0	0.0
100	64QAM	1	1	19.35	19.35	19.24	20.0	0.0
100	256QAM	1	1	19.38	19.32	19.27	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	19.44	19.31	19.38	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	19.43	19.40	19.40	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	19.36	19.40	19.37	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	19.44	19.38	19.42	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.39	19.30	19.37	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.39	19.29	19.40	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	19.42	19.39	19.35	20.0	0.0

n5 Ant3_DSI 1&5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	18.78	18.97	18.85	19.5	0.0
20	PI/2 BPSK	1	53	18.61	18.86	18.56		
20	PI/2 BPSK	1	104	18.63	18.78	18.52		
20	PI/2 BPSK	50	0	18.83	18.97	18.68	19.5	0.0
20	PI/2 BPSK	50	28	18.78	18.93	18.80	19.5	0.0
20	PI/2 BPSK	50	56	18.77	18.87	18.76	19.5	0.0
20	PI/2 BPSK	100	0	18.75	18.92	18.81		
20	QPSK	1	1	18.61	18.90	18.73	19.5	0.0
20	QPSK	1	53	18.83	19.03	18.85		
20	QPSK	1	104	18.53	18.80	18.57		
20	QPSK	50	0	18.80	18.89	18.90	19.5	0.0
20	QPSK	50	28	18.73	18.97	18.67	19.5	0.0
20	QPSK	50	56	18.76	18.88	18.74	19.5	0.0
20	QPSK	100	0	18.84	18.97	18.83		
20	16QAM	1	1	18.90	19.00	18.73	19.5	0.0
20	64QAM	1	1	18.78	18.96	18.75	19.5	0.0
20	256QAM	1	1	18.82	18.97	18.89	19.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	18.87	19.00	18.77	19.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	18.73	18.87	18.65	19.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	18.88	18.99	18.88	19.5	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.23	22.48	22.29	23.0	0.0
20	PI/2 BPSK	1	53	22.37	22.44	22.48		
20	PI/2 BPSK	1	104	22.38	22.34	22.46		
20	PI/2 BPSK	50	0	22.28	22.50	22.35	23.0	0.0
20	PI/2 BPSK	50	28	22.41	22.42	22.41	23.0	0.0
20	PI/2 BPSK	50	56	22.31	22.41	22.36	23.0	0.0
20	PI/2 BPSK	100	0	22.32	22.45	22.36		
20	QPSK	1	1	22.29	22.50	22.39	23.0	0.0
20	QPSK	1	53	22.36	22.51	22.47		
20	QPSK	1	104	21.97	22.27	22.44		
20	QPSK	50	0	22.39	22.40	22.35	23.0	0.0
20	QPSK	50	28	22.22	22.44	22.42	23.0	0.0
20	QPSK	50	56	22.32	22.36	22.36	23.0	0.0
20	QPSK	100	0	22.34	22.35	22.26		
20	16QAM	1	1	22.24	22.48	22.48	23.0	0.0
20	64QAM	1	1	21.66	21.92	21.97	22.5	0.5
20	256QAM	1	1	19.59	19.83	19.87	20.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	22.49	22.48	22.50	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	22.41	22.48	22.45	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	22.45	22.47	22.41	23.0	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	12.88	13.09	13.08	13.5	0.0
40	PI/2 BPSK	1	108	13.00	13.19	13.09		
40	PI/2 BPSK	1	214	12.96	12.99	12.98		
40	PI/2 BPSK	108	0	13.12	13.21	13.10	13.5	0.0
40	PI/2 BPSK	108	54	13.11	13.14	13.04	13.5	0.0
40	PI/2 BPSK	108	108	12.98	13.17	13.03	13.5	0.0
40	PI/2 BPSK	216	0	13.05	13.21	13.10		
40	QPSK	1	1	13.19	13.18	13.00	13.5	0.0
40	QPSK	1	108	13.09	13.22	13.03		
40	QPSK	1	214	13.04	13.07	12.96		
40	QPSK	108	0	13.03	13.11	13.01	13.5	0.0
40	QPSK	108	54	13.03	13.19	13.08	13.5	0.0
40	QPSK	108	108	13.15	13.15	13.05	13.5	0.0
40	QPSK	216	0	13.02	13.17	13.07		
40	16QAM	1	1	12.95	12.96	12.89	13.5	0.0
40	64QAM	1	1	12.89	12.90	12.71	13.5	0.0
40	256QAM	1	1	12.92	13.07	13.06	13.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	12.88	13.19	12.82	13.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	12.90	13.13	13.04	13.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	13.05	13.09	12.92	13.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	13.06	13.20	12.89	13.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	13.08	13.16	12.91	13.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	12.95	13.14	13.00	13.5	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.87	20.22	20.15	20.5	0.0
40	PI/2 BPSK	1	108	20.05	20.15	20.19		
40	PI/2 BPSK	1	214	19.90	20.12	20.10		
40	PI/2 BPSK	108	0	20.23	20.25	20.21	20.5	0.0
40	PI/2 BPSK	108	54	20.08	20.19	19.93	20.5	0.0
40	PI/2 BPSK	108	108	19.97	20.21	20.01	20.5	0.0
40	PI/2 BPSK	216	0	20.15	20.22	20.15		
40	QPSK	1	1	20.11	20.08	20.04	20.5	0.0
40	QPSK	1	108	20.05	20.26	20.15		
40	QPSK	1	214	20.02	20.03	20.01		
40	QPSK	108	0	20.02	20.03	19.91	20.5	0.0
40	QPSK	108	54	19.99	20.08	20.06	20.5	0.0
40	QPSK	108	108	20.02	20.05	20.03	20.5	0.0
40	QPSK	216	0	20.02	20.09	20.03		
40	16QAM	1	1	19.91	19.83	19.83	20.5	0.0
40	64QAM	1	1	19.82	19.88	19.82	20.5	0.0
40	256QAM	1	1	19.97	20.07	20.15	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.98	20.07	19.93	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	19.97	20.18	20.00	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.07	20.11	19.87	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.95	20.18	20.00	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.18	20.21	20.03	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.88	20.22	20.08	20.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.19	15.35	15.33	16.0	0.0
40	PI/2 BPSK	1	108	15.23	15.32	15.19		
40	PI/2 BPSK	1	214	15.21	15.31	15.22		
40	PI/2 BPSK	108	0	15.22	15.30	15.15	16.0	0.0
40	PI/2 BPSK	108	54	15.16	15.26	15.24	16.0	0.0
40	PI/2 BPSK	108	108	15.33	15.34	15.30	16.0	0.0
40	PI/2 BPSK	216	0	15.35	15.35	15.26		
40	QPSK	1	1	15.25	15.32	15.31	16.0	0.0
40	QPSK	1	108	15.14	15.36	15.35		
40	QPSK	1	214	15.27	15.28	15.09		
40	QPSK	108	0	15.16	15.21	15.13	16.0	0.0
40	QPSK	108	54	15.21	15.30	15.15	16.0	0.0
40	QPSK	108	108	15.25	15.25	15.21	16.0	0.0
40	QPSK	216	0	15.24	15.33	15.16		
40	16QAM	1	1	15.08	15.16	15.17	16.0	0.0
40	64QAM	1	1	15.00	15.08	15.08	16.0	0.0
40	256QAM	1	1	15.17	15.31	15.21	16.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	14.92	15.30	15.29	16.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
20	QPSK	1	53	15.09	15.23	15.28	16.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	15.10	15.32	15.28	16.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	15.16	15.20	15.31	16.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	15.09	15.30	15.23	16.0	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.78	22.85	22.78	23.5	0.0
40	PI/2 BPSK	1	108	22.85	22.86	22.69		
40	PI/2 BPSK	1	214	22.54	22.75	22.59		
40	PI/2 BPSK	108	0	22.27	22.43	22.45	23.5	0.0
40	PI/2 BPSK	108	54	22.75	22.83	22.69	23.5	0.0
40	PI/2 BPSK	108	108	22.31	22.45	22.24	23.5	0.0
40	PI/2 BPSK	216	0	22.28	22.37	22.39		
40	QPSK	1	1	22.87	22.90	22.74	23.5	0.0
40	QPSK	1	108	22.92	22.94	22.76		
40	QPSK	1	214	22.79	22.82	22.78		
40	QPSK	108	0	22.64	22.63	22.63	23.0	0.5
40	QPSK	108	54	22.60	22.79	22.65	23.5	0.0
40	QPSK	108	108	22.60	22.63	22.71	23.0	0.5
40	QPSK	216	0	22.80	22.85	22.82		
40	16QAM	1	1	22.13	22.13	21.93	23.0	0.5
40	64QAM	1	1	20.44	20.65	20.48	21.5	2.0
40	256QAM	1	1	18.37	18.37	18.38	19.5	4.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	22.88	22.84	22.68	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
20	QPSK	1	53	22.81	22.91	22.64	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.79	22.89	22.62	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.87	22.80	22.59	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.85	22.93	22.60	23.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.28	16.41	16.28	17.0	0.0
40	PI/2 BPSK	1	108	16.15	16.33	16.13		
40	PI/2 BPSK	1	214	16.17	16.34	16.32		
40	PI/2 BPSK	108	0	16.10	16.21	16.22	17.0	0.0
40	PI/2 BPSK	108	54	16.21	16.25	16.19	17.0	0.0
40	PI/2 BPSK	108	108	16.36	16.40	16.24	17.0	0.0
40	PI/2 BPSK	216	0	16.30	16.38	16.22		
40	QPSK	1	1	16.19	16.27	16.15	17.0	0.0
40	QPSK	1	108	16.23	16.42	14.40		
40	QPSK	1	214	16.21	16.38	16.28		
40	QPSK	108	0	16.19	16.31	16.24	17.0	0.0
40	QPSK	108	54	16.18	16.38	16.30	17.0	0.0
40	QPSK	108	108	16.23	16.35	16.35	17.0	0.0
40	QPSK	216	0	16.02	16.22	16.21		
40	16QAM	1	1	15.97	16.15	16.03	17.0	0.0
40	64QAM	1	1	16.10	16.11	16.13	17.0	0.0
40	256QAM	1	1	16.12	16.31	16.16	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	16.05	16.28	14.19	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
20	QPSK	1	53	16.23	16.40	14.29	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	16.01	16.41	14.37	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	16.23	16.40	14.38	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	16.04	16.20	14.37	17.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.51	13.77	13.74	14.0	0.0
40	PI/2 BPSK	1	53	13.47	13.58	13.53		
40	PI/2 BPSK	1	104	13.41	13.61	13.63		
40	PI/2 BPSK	50	0	13.46	13.60	13.45	14.0	0.0
40	PI/2 BPSK	50	28	13.65	13.50	13.53	14.0	0.0
40	PI/2 BPSK	50	56	13.58	13.66	13.47	14.0	0.0
40	PI/2 BPSK	100	0	13.41	13.70	13.54		
40	QPSK	1	1	13.64	13.65	13.63	14.0	0.0
40	QPSK	1	53	13.77	13.86	13.81		
40	QPSK	1	104	13.47	13.75	13.60		
40	QPSK	50	0	13.52	13.66	13.54	14.0	0.0
40	QPSK	50	28	13.58	13.73	13.54	14.0	0.0
40	QPSK	50	56	13.23	13.61	13.43	14.0	0.0
40	QPSK	100	0	13.62	13.79	13.39		
40	16QAM	1	1	13.59	13.67	13.43	14.0	0.0
40	64QAM	1	1	13.61	13.65	13.44	14.0	0.0
40	256QAM	1	1	13.49	13.57	13.49	14.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	13.69	13.61	13.58	14.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	13.64	13.67	13.74	14.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	13.41	13.73	13.56	14.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	13.58	13.70	13.75	14.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.62	14.82	14.66	15.0	0.0
40	PI/2 BPSK	1	53	14.55	14.59	14.52		
40	PI/2 BPSK	1	104	14.53	14.67	14.66		
40	PI/2 BPSK	50	0	14.48	14.70	14.54	15.0	0.0
40	PI/2 BPSK	50	28	14.58	14.58	14.58	15.0	0.0
40	PI/2 BPSK	50	56	14.56	14.58	14.56	15.0	0.0
40	PI/2 BPSK	100	0	14.50	14.66	14.57		
40	QPSK	1	1	14.74	14.75	14.71	15.0	0.0
40	QPSK	1	53	14.74	14.87	14.74		
40	QPSK	1	104	14.53	14.73	14.52		
40	QPSK	50	0	14.59	14.63	14.67	15.0	0.0
40	QPSK	50	28	14.65	14.68	14.67	15.0	0.0
40	QPSK	50	56	14.34	14.56	14.40	15.0	0.0
40	QPSK	100	0	14.61	14.70	14.49		
40	16QAM	1	1	14.54	14.56	14.37	15.0	0.0
40	64QAM	1	1	14.52	14.55	14.54	15.0	0.0
40	256QAM	1	1	14.39	14.57	14.51	15.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	14.65	14.85	14.78	15.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	14.78	14.67	14.66	15.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	14.58	14.66	14.53	15.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	14.64	14.82	14.63	15.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.16	21.38	21.21	21.5	0.0
40	PI/2 BPSK	1	53	21.25	21.25	21.20		
40	PI/2 BPSK	1	104	21.05	21.38	21.17		
40	PI/2 BPSK	50	0	20.97	21.30	21.21	21.5	0.0
40	PI/2 BPSK	50	28	21.29	21.14	21.11	21.5	0.0
40	PI/2 BPSK	50	56	21.06	21.11	21.05	21.5	0.0
40	PI/2 BPSK	100	0	21.00	21.24	21.29		
40	QPSK	1	1	21.36	21.27	21.28	21.5	0.0
40	QPSK	1	53	21.35	21.43	21.42		
40	QPSK	1	104	21.16	21.39	21.00		
40	QPSK	50	0	21.17	21.29	21.18	21.5	0.0
40	QPSK	50	28	21.33	21.38	21.25	21.5	0.0
40	QPSK	50	56	21.03	21.04	20.90	21.5	0.0
40	QPSK	100	0	21.12	21.19	21.13		
40	16QAM	1	1	21.21	21.03	20.85	21.5	0.0
40	64QAM	1	1	21.12	21.17	21.07	21.5	0.0
40	256QAM	1	1	21.04	21.07	21.01	21.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	21.35	21.24	21.37	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	21.24	21.23	21.34	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	21.23	21.35	21.31	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	21.23	21.36	21.21	21.5	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	2592.99	2640		
100	PI/2 BPSK	1	1	13.22	13.22	13.22	14.0	0.0
100	PI/2 BPSK	1	137	12.96	12.98	12.82		
100	PI/2 BPSK	1	271	12.86	13.08	13.01		
100	PI/2 BPSK	135	0	12.92	13.03	12.97	14.0	0.0
100	PI/2 BPSK	135	69	12.96	12.99	12.86	14.0	0.0
100	PI/2 BPSK	135	138	12.78	12.96	12.97	14.0	0.0
100	PI/2 BPSK	270	0	12.77	12.94	12.93		
100	QPSK	1	1	13.22	13.21	13.11	14.0	0.0
100	QPSK	1	137	13.15	13.23	13.20		
100	QPSK	1	271	12.76	12.95	12.96		
100	QPSK	135	0	12.79	12.96	12.77	14.0	0.0
100	QPSK	135	69	12.98	13.12	12.89	14.0	0.0
100	QPSK	135	138	12.80	12.87	12.87	14.0	0.0
100	QPSK	270	0	12.94	12.95	12.93		
100	16QAM	1	1	12.86	13.01	12.97	14.0	0.0
100	64QAM	1	1	12.89	12.95	12.77	14.0	0.0
100	256QAM	1	1	12.96	12.97	12.82	14.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	13.17	13.22	13.16	14.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	13.00	13.10	13.19	14.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	12.97	13.14	13.09	14.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	13.16	13.17	13.11	14.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	13.06	13.20	13.14	14.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	12.95	13.21	13.15	14.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	13.01	13.15	13.20	14.0	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	2592.99	2640		
100	PI/2 BPSK	1	1	13.93	14.10	13.92	15.0	0.0
100	PI/2 BPSK	1	137	13.92	13.98	13.87		
100	PI/2 BPSK	1	271	13.96	14.12	14.08		
100	PI/2 BPSK	135	0	14.12	14.12	14.02	15.0	0.0
100	PI/2 BPSK	135	69	13.88	14.08	13.88	15.0	0.0
100	PI/2 BPSK	135	138	14.01	14.06	13.87	15.0	0.0
100	PI/2 BPSK	270	0	13.86	13.99	13.81		
100	QPSK	1	1	14.11	14.10	13.94	15.0	0.0
100	QPSK	1	137	14.11	14.13	14.07		
100	QPSK	1	271	13.66	13.86	13.85		
100	QPSK	135	0	13.72	13.82	13.84	15.0	0.0
100	QPSK	135	69	13.82	13.89	13.73	15.0	0.0
100	QPSK	135	138	13.82	13.79	13.78	15.0	0.0
100	QPSK	270	0	13.74	13.95	13.79		
100	16QAM	1	1	13.89	13.92	13.71	15.0	0.0
100	64QAM	1	1	13.80	13.97	13.79	15.0	0.0
100	256QAM	1	1	14.08	14.07	14.08	15.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	13.91	14.11	14.05	15.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	13.93	14.1	14	15.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	14.11	14.12	13.87	15.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	13.90	13.97	14.05	15.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	13.92	14.09	13.99	15.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	13.92	13.95	13.85	15.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	14.01	14.13	13.94	15.0	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	2592.99	2640		
100	PI/2 BPSK	1	1	20.36	20.50	20.32	21.5	0.0
100	PI/2 BPSK	1	137	20.43	20.59	20.31		
100	PI/2 BPSK	1	271	20.48	20.52	20.53		
100	PI/2 BPSK	135	0	20.56	20.62	20.44	21.5	0.0
100	PI/2 BPSK	135	69	20.45	20.46	20.48	21.5	0.0
100	PI/2 BPSK	135	138	20.51	20.55	20.36	21.5	0.0
100	PI/2 BPSK	270	0	20.34	20.57	20.25		
100	QPSK	1	1	20.60	20.52	20.37	21.5	0.0
100	QPSK	1	137	20.56	20.67	20.50		
100	QPSK	1	271	20.17	20.48	20.46		
100	QPSK	135	0	20.52	20.52	20.39	21.5	0.0
100	QPSK	135	69	20.44	20.54	20.24	21.5	0.0
100	QPSK	135	138	20.52	20.47	20.39	21.5	0.0
100	QPSK	270	0	20.29	20.44	20.21		
100	16QAM	1	1	20.41	20.53	20.26	21.5	0.0
100	64QAM	1	1	20.19	20.47	20.21	21.5	0.0
100	256QAM	1	1	20.59	20.47	20.63	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	20.4	20.57	20.54	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.54	20.58	20.51	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.55	20.55	20.44	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.48	20.50	20.49	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.46	20.62	20.44	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.39	20.54	20.27	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.46	20.55	20.46	21.5	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	11.40	11.50	11.33	12.0	0.0
40	PI/2 BPSK	1	108	11.58	11.58	11.45		
40	PI/2 BPSK	1	214	11.29	11.46	11.48		
40	PI/2 BPSK	108	0	11.62	11.65	11.47	12.0	0.0
40	PI/2 BPSK	108	54	11.55	11.58	11.51	12.0	0.0
40	PI/2 BPSK	108	108	11.58	11.59	11.59	12.0	0.0
40	PI/2 BPSK	216	0	11.55	11.65	11.43		
40	QPSK	1	1	11.54	11.57	11.47	12.0	0.0
40	QPSK	1	108	11.65	11.66	11.63		
40	QPSK	1	214	11.52	11.58	11.50		
40	QPSK	108	0	11.45	11.55	11.54	12.0	0.0
40	QPSK	108	54	11.57	11.61	11.60	12.0	0.0
40	QPSK	108	108	11.50	11.60	11.51	12.0	0.0
40	QPSK	216	0	11.53	11.63	11.45		
40	16QAM	1	1	11.29	11.37	11.26	12.0	0.0
40	64QAM	1	1	11.31	11.34	11.16	12.0	0.0
40	256QAM	1	1	11.40	11.53	11.33	12.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	11.63	11.55	11.50	12.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	11.65	11.62	11.49	12.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	11.45	11.48	11.53	12.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	11.51	11.60	11.52	12.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	11.62	11.58	11.53	12.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	11.54	11.46	11.41	12.0	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.74	22.96	22.97	23.5	0.0
40	PI/2 BPSK	1	108	22.89	22.94	22.90		
40	PI/2 BPSK	1	214	22.91	22.93	22.93		
40	PI/2 BPSK	108	0	22.72	22.88	22.70	23.5	0.0
40	PI/2 BPSK	108	54	22.76	22.90	22.78	23.5	0.0
40	PI/2 BPSK	108	108	22.83	22.94	22.77	23.5	0.0
40	PI/2 BPSK	216	0	22.75	22.95	22.96		
40	QPSK	1	1	22.93	22.96	22.93	23.5	0.0
40	QPSK	1	108	22.96	22.98	22.78		
40	QPSK	1	214	22.83	22.91	22.84		
40	QPSK	108	0	22.68	22.66	22.52	23.5	0.0
40	QPSK	108	54	22.80	22.92	22.87	23.5	0.0
40	QPSK	108	108	22.91	22.86	22.86	23.5	0.0
40	QPSK	216	0	22.87	22.97	22.88		
40	16QAM	1	1	22.30	22.52	22.52	23.5	0.0
40	64QAM	1	1	22.00	22.02	21.90	23.0	0.5
40	256QAM	1	1	20.10	20.05	20.04	21.0	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.97	22.90	22.66	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	22.80	22.92	22.76	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.96	22.92	22.73	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.76	22.92	22.65	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.95	22.82	22.59	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.96	22.84	22.67	23.5	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.72	17.96	17.99	18.5	0.0
40	PI/2 BPSK	1	108	18.02	17.92	17.91		
40	PI/2 BPSK	1	214	17.82	18.00	17.84		
40	PI/2 BPSK	108	0	17.66	17.94	17.58	18.5	0.0
40	PI/2 BPSK	108	54	17.83	17.94	17.83	18.5	0.0
40	PI/2 BPSK	108	108	17.94	18.02	17.66	18.5	0.0
40	PI/2 BPSK	216	0	17.72	18.01	17.97		
40	QPSK	1	1	18.03	18.06	18.01	18.5	0.0
40	QPSK	1	108	18.08	18.12	17.73		
40	QPSK	1	214	17.84	17.85	17.75		
40	QPSK	108	0	17.62	17.59	17.63	18.5	0.0
40	QPSK	108	54	17.78	17.84	17.80	18.5	0.0
40	QPSK	108	108	17.80	17.82	17.75	18.5	0.0
40	QPSK	216	0	17.77	18.03	17.91		
40	16QAM	1	1	17.27	17.62	17.40	18.5	0.0
40	64QAM	1	1	17.12	16.94	17.01	18.0	0.5
40	256QAM	1	1	14.98	14.93	15.05	16.0	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	17.95	17.96	17.73	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	17.76	17.82	17.73	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	17.97	17.79	17.78	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.83	18.02	17.67	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.82	17.92	17.66	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.99	17.79	17.66	18.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.17	15.20	15.15	16.5	0.0
40	PI/2 BPSK	1	108	15.16	15.18	15.10		
40	PI/2 BPSK	1	214	15.04	15.14	15.07		
40	PI/2 BPSK	108	0	15.15	15.22	15.06	16.5	0.0
40	PI/2 BPSK	108	54	15.08	15.20	15.20	16.5	0.0
40	PI/2 BPSK	108	108	15.12	15.16	15.15	16.5	0.0
40	PI/2 BPSK	216	0	15.01	15.16	15.17		
40	QPSK	1	1	15.05	15.12	15.10	16.5	0.0
40	QPSK	1	108	15.20	15.23	15.16		
40	QPSK	1	214	15.01	15.05	14.92		
40	QPSK	108	0	15.07	15.11	15.08	16.5	0.0
40	QPSK	108	54	15.11	15.17	15.15	16.5	0.0
40	QPSK	108	108	14.99	15.14	15.04	16.5	0.0
40	QPSK	216	0	15.07	15.19	15.15		
40	16QAM	1	1	15.03	15.21	15.07	16.5	0.0
40	64QAM	1	1	14.97	15.13	14.99	16.5	0.0
40	256QAM	1	1	15.12	15.20	15.20	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	15.19	15.21	15.13	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	14.99	15.06	15.13	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	15.21	15.04	15.10	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	15.10	15.21	15.05	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	15.19	15.22	15.10	16.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.23	16.30	16.18	17.5	0.0
40	PI/2 BPSK	1	108	16.13	16.25	16.20		
40	PI/2 BPSK	1	214	15.99	16.12	16.12		
40	PI/2 BPSK	108	0	16.04	16.25	16.09	17.5	0.0
40	PI/2 BPSK	108	54	16.08	16.23	16.11	17.5	0.0
40	PI/2 BPSK	108	108	16.21	16.28	16.12	17.5	0.0
40	PI/2 BPSK	216	0	16.06	16.23	16.02		
40	QPSK	1	1	16.30	16.30	16.13	17.5	0.0
40	QPSK	1	108	16.20	16.31	16.15		
40	QPSK	1	214	16.10	16.12	16.04		
40	QPSK	108	0	16.06	16.22	16.04	17.5	0.0
40	QPSK	108	54	16.14	16.23	16.14	17.5	0.0
40	QPSK	108	108	16.22	16.20	16.18	17.5	0.0
40	QPSK	216	0	16.04	16.25	16.06		
40	16QAM	1	1	16.06	16.12	15.98	17.5	0.0
40	64QAM	1	1	15.89	16.05	15.94	17.5	0.0
40	256QAM	1	1	15.99	16.21	16.17	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	16.21	16.25	15.98	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	16.16	16.23	16.12	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	16.13	16.12	15.98	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	16.04	16.21	16.05	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	16.08	16.18	16.00	17.5	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.61	12.52	12.62	13.0	0.0
40	PI/2 BPSK	1	53	12.36	12.58	12.37		
40	PI/2 BPSK	1	104	12.68	12.66	12.51		
40	PI/2 BPSK	50	0	12.55	12.65	12.63	13.0	0.0
40	PI/2 BPSK	50	28	12.54	12.59	12.60	13.0	0.0
40	PI/2 BPSK	50	56	12.45	12.54	12.34	13.0	0.0
40	PI/2 BPSK	100	0	12.48	12.69	12.48		
40	QPSK	1	1	12.66	12.70	12.67	13.0	0.0
40	QPSK	1	53	12.53	12.64	12.63		
40	QPSK	1	104	12.50	12.66	12.61		
40	QPSK	50	0	12.58	12.66	12.49	13.0	0.0
40	QPSK	50	28	12.43	12.63	12.50	13.0	0.0
40	QPSK	50	56	12.48	12.59	12.53	13.0	0.0
40	QPSK	100	0	12.65	12.67	12.56		
40	16QAM	1	1	12.40	12.60	12.57	13.0	0.0
40	64QAM	1	1	12.34	12.50	12.36	13.0	0.0
40	256QAM	1	1	12.55	12.57	12.44	13.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	12.53	12.56	12.56	13.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	12.62	12.59	12.63	13.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	12.67	12.52	12.66	13.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	12.59	12.63	12.65	13.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.13	18.18	18.12	18.5	0.0
40	PI/2 BPSK	1	53	18.00	18.05	18.05		
40	PI/2 BPSK	1	104	18.17	18.22	18.09		
40	PI/2 BPSK	50	0	17.50	17.46	17.58	18.5	0.0
40	PI/2 BPSK	50	28	18.01	18.18	18.15	18.5	0.0
40	PI/2 BPSK	50	56	17.62	17.48	17.45	18.5	0.0
40	PI/2 BPSK	100	0	17.45	17.48	17.65		
40	QPSK	1	1	18.22	18.20	18.07	18.5	0.0
40	QPSK	1	53	18.22	18.23	18.20		
40	QPSK	1	104	18.13	18.06	18.22		
40	QPSK	50	0	17.63	17.56	17.45	18.5	0.0
40	QPSK	50	28	18.00	18.01	18.00	18.5	0.0
40	QPSK	50	56	17.46	17.52	17.40	18.5	0.0
40	QPSK	100	0	17.43	17.48	17.45		
40	16QAM	1	1	17.46	17.54	17.50	18.5	0.0
40	64QAM	1	1	15.74	15.66	15.55	18.5	0.0
40	256QAM	1	1	13.56	13.75	13.64	18.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	18.22	18.18	18.13	18.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	18.09	18.14	17.97	18.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	18.19	18.11	18.17	18.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	17.98	17.91	18.15	18.5	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	2592.99	2640		
100	PI/2 BPSK	1	1	12.56	12.68	12.51	13.0	0.0
100	PI/2 BPSK	1	137	12.50	12.57	12.59		
100	PI/2 BPSK	1	271	12.47	12.54	12.35		
100	PI/2 BPSK	135	0	12.44	12.53	12.39	13.0	0.0
100	PI/2 BPSK	135	69	12.40	12.51	12.50	13.0	0.0
100	PI/2 BPSK	135	138	12.26	12.46	12.37	13.0	0.0
100	PI/2 BPSK	270	0	12.44	12.51	12.41		
100	QPSK	1	1	12.70	12.71	12.69	13.0	0.0
100	QPSK	1	137	12.57	12.72	12.70		
100	QPSK	1	271	12.41	12.55	12.57		
100	QPSK	135	0	12.44	12.50	12.52	13.0	0.0
100	QPSK	135	69	12.43	12.55	12.35	13.0	0.0
100	QPSK	135	138	12.48	12.50	12.36	13.0	0.0
100	QPSK	270	0	12.43	12.49	12.47		
100	16QAM	1	1	12.44	12.51	12.49	13.0	0.0
100	64QAM	1	1	12.42	12.41	12.40	13.0	0.0
100	256QAM	1	1	12.35	12.42	12.25	13.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	12.45	12.67	12.5	13.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	12.53	12.66	12.72	13.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	12.42	12.55	12.7	13.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	12.41	12.51	12.48	13.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	12.58	12.54	12.61	13.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	12.36	12.50	12.62	13.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	12.45	12.54	12.51	13.0	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	2592.99	2640		
100	PI/2 BPSK	1	1	18.15	18.01	18.01	18.5	0.0
100	PI/2 BPSK	1	137	18.09	18.11	18.17		
100	PI/2 BPSK	1	271	18.00	18.15	17.98		
100	PI/2 BPSK	135	0	17.50	17.49	17.45	18.5	0.0
100	PI/2 BPSK	135	69	18.08	18.06	18.05	18.5	0.0
100	PI/2 BPSK	135	138	17.44	17.53	17.56	18.5	0.0
100	PI/2 BPSK	270	0	17.58	17.47	17.58		
100	QPSK	1	1	18.11	18.09	18.03	18.5	0.0
100	QPSK	1	137	18.12	18.14	18.15		
100	QPSK	1	271	17.14	18.25	18.08		
100	QPSK	135	0	17.30	17.10	17.12	18.5	0.0
100	QPSK	135	69	18.09	18.17	18.12	18.5	0.0
100	QPSK	135	138	17.23	17.07	17.12	18.5	0.0
100	QPSK	270	0	17.12	17.17	17.09		
100	16QAM	1	1	17.04	17.19	17.10	18.5	0.0
100	64QAM	1	1	15.58	15.65	15.60	18.5	0.0
100	256QAM	1	1	13.71	13.60	13.74	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	18.19	18.18	18.07	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	17.94	18.08	18.14	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.05	17.97	18.16	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.05	18.11	18.11	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.07	18.04	18.04	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.08	18.13	18.09	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.01	17.98	17.95	18.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.04	16.14	16.05	17.5	0.0
100	PI/2 BPSK	1	137	15.87	15.99	15.87		
100	PI/2 BPSK	1	271	15.86	16.10	15.97		
100	PI/2 BPSK	135	0	16.10	16.13	15.92	17.5	0.0
100	PI/2 BPSK	135	69	16.11	16.04	16.02	17.5	0.0
100	PI/2 BPSK	135	138	15.93	16.12	15.96	17.5	0.0
100	PI/2 BPSK	270	0	15.81	16.13	15.90		
100	QPSK	1	1	15.91	16.05	15.96	17.5	0.0
100	QPSK	1	137	15.92	16.15	15.81		
100	QPSK	1	271	16.11	16.10	15.82		
100	QPSK	135	0	16.00	16.06	16.05	17.5	0.0
100	QPSK	135	69	15.95	16.14	15.75	17.5	0.0
100	QPSK	135	138	16.00	16.10	15.89	17.5	0.0
100	QPSK	270	0	16.07	16.08	16.02		
100	16QAM	1	1	15.94	16.13	16.10	17.5	0.0
100	64QAM	1	1	16.06	15.98	15.97	17.5	0.0
100	256QAM	1	1	15.99	16.10	16.12	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	15.60	15.92	15.64	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	15.80	15.91	15.69	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	15.76	15.88	15.54	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	15.76	15.99	15.64	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.73	15.99	15.55	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.69	15.83	15.71	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	15.64	16.06	15.71	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.76	15.88	15.64	17.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.64	18.72	18.73	20.0	0.0
100	PI/2 BPSK	1	137	18.50	18.48	18.41		
100	PI/2 BPSK	1	271	18.38	18.71	18.62		
100	PI/2 BPSK	135	0	18.76	18.61	18.43	20.0	0.0
100	PI/2 BPSK	135	69	18.68	18.60	18.71	20.0	0.0
100	PI/2 BPSK	135	138	18.54	18.70	18.49	20.0	0.0
100	PI/2 BPSK	270	0	18.47	18.72	18.52		
100	QPSK	1	1	18.60	18.62	18.49	20.0	0.0
100	QPSK	1	137	18.46	18.77	18.49		
100	QPSK	1	271	18.70	18.66	18.53		
100	QPSK	135	0	18.60	18.67	18.69	20.0	0.0
100	QPSK	135	69	18.60	18.75	18.25	20.0	0.0
100	QPSK	135	138	18.64	18.74	18.52	20.0	0.0
100	QPSK	270	0	18.71	18.73	18.64		
100	16QAM	1	1	18.51	18.69	18.75	20.0	0.0
100	64QAM	1	1	18.76	18.53	18.46	20.0	0.0
100	256QAM	1	1	18.48	18.70	18.75	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.37	18.54	18.38	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.32	18.64	18.24	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	18.28	18.58	18.37	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.32	18.60	18.29	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.30	18.60	18.34	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.20	18.48	18.22	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	18.23	18.69	18.21	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.32	18.46	18.34	20.0	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.47	14.53	14.55	16.0	0.0
100	PI/2 BPSK	1	137	14.32	14.27	14.09		
100	PI/2 BPSK	1	271	14.15	14.51	14.36		
100	PI/2 BPSK	135	0	14.51	14.28	14.33	16.0	0.0
100	PI/2 BPSK	135	69	14.38	14.50	14.40	16.0	0.0
100	PI/2 BPSK	135	138	14.29	14.42	14.29	16.0	0.0
100	PI/2 BPSK	270	0	14.38	14.44	14.33		
100	QPSK	1	1	14.49	14.48	14.27	16.0	0.0
100	QPSK	1	137	14.26	14.62	14.39		
100	QPSK	1	271	14.42	14.41	14.20		
100	QPSK	135	0	14.36	14.40	14.38	16.0	0.0
100	QPSK	135	69	14.40	14.42	14.05	16.0	0.0
100	QPSK	135	138	14.41	14.40	14.24	16.0	0.0
100	QPSK	270	0	14.40	14.42	14.39		
100	16QAM	1	1	14.33	14.37	14.60	16.0	0.0
100	64QAM	1	1	14.60	14.45	14.16	16.0	0.0
100	256QAM	1	1	14.36	14.45	14.60	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	14.06	14.38	14.13	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	14.12	14.49	13.91	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	14.10	14.40	14.06	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	14.04	14.45	14.15	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	14.01	14.40	14.10	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	14.05	14.39	14.10	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	14.10	14.45	14.10	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	14.16	14.24	14.24	16.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.91		17.5	0.0
100	PI/2 BPSK	1	137		15.94			
100	PI/2 BPSK	1	271		15.77			
100	PI/2 BPSK	135	0		15.88		17.5	0.0
100	PI/2 BPSK	135	69		15.88		17.5	0.0
100	PI/2 BPSK	135	138		15.92		17.5	0.0
100	PI/2 BPSK	270	0		15.91			
100	QPSK	1	1		15.87		17.5	0.0
100	QPSK	1	137		16.00			
100	QPSK	1	271		15.95			
100	QPSK	135	0		15.81		17.5	0.0
100	QPSK	135	69		15.89		17.5	0.0
100	QPSK	135	138		15.88		17.5	0.0
100	QPSK	270	0		15.94			
100	16QAM	1	1		15.74		17.5	0.0
100	64QAM	1	1		15.85		17.5	0.0
100	256QAM	1	1		15.78		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	17.5	0.0
90	QPSK	1	123	15.66	15.79	15.55		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	17.5	0.0
80	QPSK	1	109	15.69	15.94	15.49		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	17.5	0.0
70	QPSK	1	95	15.69	15.94	15.47		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	17.5	0.0
60	QPSK	1	81	15.66	15.82	15.51		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	17.5	0.0
50	QPSK	1	67	15.81	15.98	15.51		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	17.5	0.0
40	QPSK	1	53	15.82	15.77	15.65		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	17.5	0.0
30	QPSK	1	39	15.78	15.99	15.63		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	17.5	0.0
15	QPSK	1	19	15.76	15.93	15.59	17.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.51		20.0	0.0
100	PI/2 BPSK	1	137		18.59			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.46		20.0	0.0
100	PI/2 BPSK	135	69		18.43		20.0	0.0
100	PI/2 BPSK	135	138		18.60		20.0	0.0
100	PI/2 BPSK	270	0		18.51			
100	QPSK	1	1		18.43		20.0	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.52			
100	QPSK	135	0		18.49		20.0	0.0
100	QPSK	135	69		18.58		20.0	0.0
100	QPSK	135	138		18.47		20.0	0.0
100	QPSK	270	0		18.55			
100	16QAM	1	1		18.29		20.0	0.0
100	64QAM	1	1		18.48		20.0	0.0
100	256QAM	1	1		18.38		20.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	20.0	0.0
90	QPSK	1	123	18.31	18.29	18.18		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	20.0	0.0
80	QPSK	1	109	18.26	18.47	18.07		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	20.0	0.0
70	QPSK	1	95	18.27	18.46	18.26		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	20.0	0.0
60	QPSK	1	81	18.23	18.27	18.12		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	20.0	0.0
50	QPSK	1	67	18.34	18.50	18.10		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	20.0	0.0
40	QPSK	1	53	18.26	18.30	18.27		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	20.0	0.0
30	QPSK	1	39	18.27	18.40	18.03		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	20.0	0.0
15	QPSK	1	19	18.20	18.46	18.19	20.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.48		16.0	0.0
100	PI/2 BPSK	1	137		14.39			
100	PI/2 BPSK	1	271		14.23			
100	PI/2 BPSK	135	0		14.29		16.0	0.0
100	PI/2 BPSK	135	69		14.28		16.0	0.0
100	PI/2 BPSK	135	138		14.32		16.0	0.0
100	PI/2 BPSK	270	0		14.46			
100	QPSK	1	1		14.41		16.0	0.0
100	QPSK	1	137		14.56			
100	QPSK	1	271		14.42			
100	QPSK	135	0		14.37		16.0	0.0
100	QPSK	135	69		14.40		16.0	0.0
100	QPSK	135	138		14.37		16.0	0.0
100	QPSK	270	0		14.41			
100	16QAM	1	1		14.17		16.0	0.0
100	64QAM	1	1		14.31		16.0	0.0
100	256QAM	1	1		14.21		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	16.0	0.0
90	QPSK	1	123	14.23	14.12	14.02		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	16.0	0.0
80	QPSK	1	109	14.19	14.38	13.81		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	16.0	0.0
70	QPSK	1	95	14.11	14.38	14.19		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	16.0	0.0
60	QPSK	1	81	14.13	14.10	14.02		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	16.0	0.0
50	QPSK	1	67	14.26	14.34	13.86		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	16.0	0.0
40	QPSK	1	53	14.00	14.22	14.14		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	16.0	0.0
30	QPSK	1	39	14.16	14.15	13.93		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	16.0	0.0
15	QPSK	1	19	14.11	14.20	13.97	16.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.46		15.0	0.0
100	PI/2 BPSK	1	137		13.45			
100	PI/2 BPSK	1	271		13.38			
100	PI/2 BPSK	135	0		13.22		15.0	0.0
100	PI/2 BPSK	135	69		13.41		15.0	0.0
100	PI/2 BPSK	135	138		13.50		15.0	0.0
100	PI/2 BPSK	270	0		13.51			
100	QPSK	1	1		13.44		15.0	0.0
100	QPSK	1	137		13.53			
100	QPSK	1	271		13.45			
100	QPSK	135	0		13.35		15.0	0.0
100	QPSK	135	69		13.48		15.0	0.0
100	QPSK	135	138		13.38		15.0	0.0
100	QPSK	270	0		13.45			
100	16QAM	1	1		13.39		15.0	0.0
100	64QAM	1	1		13.41		15.0	0.0
100	256QAM	1	1		13.39		15.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	13.42	13.26	12.97	15.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	13.26	13.42	13.07	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.43	13.22	12.90	15.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	13.39	13.40	12.93	15.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	13.37	13.41	13.04	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.38	13.24	12.94	15.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	13.23	13.29	12.96	15.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	13.34	13.24	13.01	15.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.40		21.0	0.0
100	PI/2 BPSK	1	137		19.33			
100	PI/2 BPSK	1	271		19.20			
100	PI/2 BPSK	135	0		19.23		21.0	0.0
100	PI/2 BPSK	135	69		19.29		21.0	0.0
100	PI/2 BPSK	135	138		19.32		21.0	0.0
100	PI/2 BPSK	270	0		19.42			
100	QPSK	1	1		19.38		21.0	0.0
100	QPSK	1	137		19.50			
100	QPSK	1	271		19.38			
100	QPSK	135	0		19.34		21.0	0.0
100	QPSK	135	69		19.40		21.0	0.0
100	QPSK	135	138		19.39		21.0	0.0
100	QPSK	270	0		19.35			
100	16QAM	1	1		19.30		21.0	0.0
100	64QAM	1	1		19.29		21.0	0.0
100	256QAM	1	1		19.29		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	19.19	19.28	18.96	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	19.16	19.26	19.03	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.05	19.27	19.07	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	19.02	19.21	19.06	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	19.11	19.29	18.92	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.20	19.18	18.97	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	19.21	19.26	18.94	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.16	19.30	18.99	21.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.82		15.5	0.0
100	PI/2 BPSK	1	137		13.96			
100	PI/2 BPSK	1	271		13.90			
100	PI/2 BPSK	135	0		13.67		15.5	0.0
100	PI/2 BPSK	135	69		13.92		15.5	0.0
100	PI/2 BPSK	135	138		13.93		15.5	0.0
100	PI/2 BPSK	270	0		13.85			
100	QPSK	1	1		13.73		15.5	0.0
100	QPSK	1	137		14.03			
100	QPSK	1	271		13.84			
100	QPSK	135	0		13.63		15.5	0.0
100	QPSK	135	69		13.89		15.5	0.0
100	QPSK	135	138		13.65		15.5	0.0
100	QPSK	270	0		13.85			
100	16QAM	1	1		13.68		15.5	0.0
100	64QAM	1	1		13.87		15.5	0.0
100	256QAM	1	1		13.86		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	13.77	13.55	13.48	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	13.73	13.80	13.50	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.94	13.55	13.32	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	13.69	13.89	13.45	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	13.79	13.85	13.38	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.66	13.53	13.28	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	13.58	13.74	13.34	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	13.87	13.67	13.30	15.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.35		15.0	0.0
100	PI/2 BPSK	1	137		13.49			
100	PI/2 BPSK	1	271		13.41			
100	PI/2 BPSK	135	0		13.30		15.0	0.0
100	PI/2 BPSK	135	69		13.19		15.0	0.0
100	PI/2 BPSK	135	138		13.23		15.0	0.0
100	PI/2 BPSK	270	0		13.16			
100	QPSK	1	1		13.45		15.0	0.0
100	QPSK	1	137		13.50			
100	QPSK	1	271		13.43			
100	QPSK	135	0		13.32		15.0	0.0
100	QPSK	135	69		13.33		15.0	0.0
100	QPSK	135	138		13.19		15.0	0.0
100	QPSK	270	0		13.22			
100	16QAM	1	1		13.23		15.0	0.0
100	64QAM	1	1		13.28		15.0	0.0
100	256QAM	1	1		13.33		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	13.22	13.23	13.02	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	13.21	13.27	13.10	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	13.25	13.43	13.12	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	13.02	13.24	13.17	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	13.24	13.22	13.19	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	13.26	13.30	13.09	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	13.06	13.24	13.01	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	13.12	13.27	13.04	15.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.36		21.0	0.0
100	PI/2 BPSK	1	137		19.50			
100	PI/2 BPSK	1	271		19.32			
100	PI/2 BPSK	135	0		19.20		21.0	0.0
100	PI/2 BPSK	135	69		19.26		21.0	0.0
100	PI/2 BPSK	135	138		19.13		21.0	0.0
100	PI/2 BPSK	270	0		19.20			
100	QPSK	1	1		19.34		21.0	0.0
100	QPSK	1	137		19.52			
100	QPSK	1	271		19.33			
100	QPSK	135	0		19.29		21.0	0.0
100	QPSK	135	69		19.39		21.0	0.0
100	QPSK	135	138		19.07		21.0	0.0
100	QPSK	270	0		19.23			
100	16QAM	1	1		19.28		21.0	0.0
100	64QAM	1	1		19.20		21.0	0.0
100	256QAM	1	1		19.43		21.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	19.21	19.32	19.08	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.15	19.26	19.01	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	19.21	19.24	18.94	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	19.25	19.32	19.08	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.14	19.25	19.02	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.27	19.33	19.09	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	19.28	19.13	18.93	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.30	19.19	18.92	21.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.82		15.5	0.0
100	PI/2 BPSK	1	137		13.99			
100	PI/2 BPSK	1	271		13.86			
100	PI/2 BPSK	135	0		13.65		15.5	0.0
100	PI/2 BPSK	135	69		13.95		15.5	0.0
100	PI/2 BPSK	135	138		13.94		15.5	0.0
100	PI/2 BPSK	270	0		13.95			
100	QPSK	1	1		13.86		15.5	0.0
100	QPSK	1	137		14.02			
100	QPSK	1	271		13.78			
100	QPSK	135	0		13.71		15.5	0.0
100	QPSK	135	69		13.93		15.5	0.0
100	QPSK	135	138		13.85		15.5	0.0
100	QPSK	270	0		13.93			
100	16QAM	1	1		13.79		15.5	0.0
100	64QAM	1	1		13.88		15.5	0.0
100	256QAM	1	1		13.96		15.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	13.81	13.62	13.36	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	13.75	13.79	13.47	15.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	13.99	13.61	13.34	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	13.90	13.88	13.37	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	13.71	13.95	13.43	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	13.82	13.74	13.34	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	13.69	13.82	13.33	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	13.78	13.77	13.49	15.5	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	13.36	13.39	13.38	13.5	0.0
40	PI/2 BPSK	1	108	13.31	13.41	13.30		
40	PI/2 BPSK	1	214	13.27	13.38	13.40		
40	PI/2 BPSK	108	0	13.41	13.36	13.41	13.5	0.0
40	PI/2 BPSK	108	54	13.28	13.37	13.25	13.5	0.0
40	PI/2 BPSK	108	108	13.36	13.38	13.41	13.5	0.0
40	PI/2 BPSK	216	0	13.32	13.41	13.38		
40	QPSK	1	1	13.29	13.31	13.24	13.5	0.0
40	QPSK	1	108	13.34	13.44	13.42		
40	QPSK	1	214	13.41	13.34	13.40		
40	QPSK	108	0	13.32	13.33	13.35	13.5	0.0
40	QPSK	108	54	13.32	13.39	13.35	13.5	0.0
40	QPSK	108	108	13.36	13.33	13.38	13.5	0.0
40	QPSK	216	0	13.32	13.42	13.38		
40	16QAM	1	1	13.23	13.17	13.07	13.5	0.0
40	64QAM	1	1	13.37	13.41	13.30	13.5	0.0
40	256QAM	1	1	13.35	13.38	13.28	13.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	13.42	13.32	13.41	13.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	13.34	13.37	13.23	13.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	13.30	13.30	13.42	13.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	13.42	13.31	13.32	13.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	13.36	13.42	13.29	13.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	13.30	13.28	13.38	13.5	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.27	19.31	19.37	19.5	0.0
40	PI/2 BPSK	1	108	19.31	19.35	19.37		
40	PI/2 BPSK	1	214	19.38	19.32	19.28		
40	PI/2 BPSK	108	0	19.26	19.29	19.36	19.5	0.0
40	PI/2 BPSK	108	54	19.31	19.30	19.20	19.5	0.0
40	PI/2 BPSK	108	108	19.31	19.28	19.19	19.5	0.0
40	PI/2 BPSK	216	0	19.19	19.31	19.24		
40	QPSK	1	1	19.17	19.27	19.32	19.5	0.0
40	QPSK	1	108	19.37	19.40	19.38		
40	QPSK	1	214	19.37	19.29	19.35		
40	QPSK	108	0	19.27	19.30	19.29	19.5	0.0
40	QPSK	108	54	19.34	19.36	19.35	19.5	0.0
40	QPSK	108	108	19.31	19.27	19.28	19.5	0.0
40	QPSK	216	0	19.31	19.33	19.32		
40	16QAM	1	1	19.15	19.09	19.05	19.5	0.0
40	64QAM	1	1	19.37	19.36	19.37	19.5	0.0
40	256QAM	1	1	19.27	19.33	19.35	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.20	19.36	19.35	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	19.38	19.37	19.36	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.32	19.28	19.28	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.31	19.32	19.26	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.24	13.36	13.19	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.18	19.29	19.29	19.5	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	13.72	13.61	13.55	14.0	0.0
40	PI/2 BPSK	1	108	13.67	13.56	13.59		
40	PI/2 BPSK	1	214	13.48	13.57	13.52		
40	PI/2 BPSK	108	0	13.58	13.63	13.66	14.0	0.0
40	PI/2 BPSK	108	54	13.66	13.56	13.52	14.0	0.0
40	PI/2 BPSK	108	108	13.48	13.57	13.68	14.0	0.0
40	PI/2 BPSK	216	0	13.57	13.59	13.64		
40	QPSK	1	1	13.69	13.64	13.57	14.0	0.0
40	QPSK	1	108	13.67	13.75	13.72		
40	QPSK	1	214	13.61	13.53	13.47		
40	QPSK	108	0	13.50	13.55	13.48	14.0	0.0
40	QPSK	108	54	13.47	13.57	13.48	14.0	0.0
40	QPSK	108	108	13.51	13.53	13.54	14.0	0.0
40	QPSK	216	0	13.52	13.59	13.49		
40	16QAM	1	1	13.44	13.56	13.51	14.0	0.0
40	64QAM	1	1	13.56	13.63	13.74	14.0	0.0
40	256QAM	1	1	13.63	13.64	13.67	14.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	13.65	13.71	13.54	14.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	13.74	13.44	13.49	14.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	13.60	13.49	13.44	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	13.57	13.66	13.57	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	13.75	13.61	13.54	14.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.97	13.08	13.16	13.5	0.0
40	PI/2 BPSK	1	53	13.13	13.07	13.16		
40	PI/2 BPSK	1	104	13.04	12.98	13.08		
40	PI/2 BPSK	50	0	13.11	13.08	13.04	13.5	0.0
40	PI/2 BPSK	50	28	13.10	13.02	13.09	13.5	0.0
40	PI/2 BPSK	50	56	13.04	13.04	12.93	13.5	0.0
40	PI/2 BPSK	100	0	12.98	13.00	13.06		
40	QPSK	1	1	12.95	13.05	13.14	13.5	0.0
40	QPSK	1	53	13.23	13.30	13.28		
40	QPSK	1	104	13.08	12.97	13.07		
40	QPSK	50	0	13.12	13.10	13.05	13.5	0.0
40	QPSK	50	28	12.98	13.05	13.12	13.5	0.0
40	QPSK	50	56	13.01	13.06	13.09	13.5	0.0
40	QPSK	100	0	12.92	13.04	13.13		
40	16QAM	1	1	13.18	13.06	13.02	13.5	0.0
40	64QAM	1	1	13.00	13.05	13.10	13.5	0.0
40	256QAM	1	1	13.11	13.04	13.07	13.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	13.13	12.90	13.01	13.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	13.20	13.20	13.11	13.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	13.10	13.02	13.11	13.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	13.17	13.05	13.18	13.5	0.0

n38 Ant8_DSI4

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.17	20.12	20.12	20.5	0.0
40	PI/2 BPSK	1	53	20.19	20.14	20.21		
40	PI/2 BPSK	1	104	20.11	20.07	20.05		
40	PI/2 BPSK	50	0	20.04	20.15	20.06	20.5	0.0
40	PI/2 BPSK	50	28	20.22	20.15	20.03	20.5	0.0
40	PI/2 BPSK	50	56	20.19	20.11	20.05	20.5	0.0
40	PI/2 BPSK	100	0	20.11	20.15	20.04		
40	QPSK	1	1	20.01	20.07	20.13	20.5	0.0
40	QPSK	1	53	20.25	20.27	20.16		
40	QPSK	1	104	20.05	20.10	19.99		
40	QPSK	50	0	20.12	20.11	20.11	20.5	0.0
40	QPSK	50	28	20.13	20.14	20.18	20.5	0.0
40	QPSK	50	56	20.06	20.11	20.16	20.5	0.0
40	QPSK	100	0	20.17	20.16	20.12		
40	16QAM	1	1	20.11	20.16	20.20	20.5	0.0
40	64QAM	1	1	20.08	20.08	20.15	20.5	0.0
40	256QAM	1	1	19.64	19.59	19.64	20.0	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.22	20.21	20.17	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.24	20.19	20.20	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	20.19	20.19	20.17	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	20.24	20.17	20.15	20.5	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	2592.99	2640		
100	PI/2 BPSK	1	1	13.29	13.22	13.21	13.5	0.0
100	PI/2 BPSK	1	137	13.13	13.23	13.25		
100	PI/2 BPSK	1	271	13.15	13.16	13.09		
100	PI/2 BPSK	135	0	13.27	13.30	13.20	13.5	0.0
100	PI/2 BPSK	135	69	13.17	13.25	13.23	13.5	0.0
100	PI/2 BPSK	135	138	13.24	13.20	13.24	13.5	0.0
100	PI/2 BPSK	270	0	13.26	13.24	13.25		
100	QPSK	1	1	13.21	13.30	13.27	13.5	0.0
100	QPSK	1	137	13.26	13.31	13.22		
100	QPSK	1	271	13.12	13.18	13.11		
100	QPSK	135	0	13.27	13.26	13.27	13.5	0.0
100	QPSK	135	69	13.24	13.29	13.18	13.5	0.0
100	QPSK	135	138	13.25	13.20	13.21	13.5	0.0
100	QPSK	270	0	13.21	13.23	13.22		
100	16QAM	1	1	13.17	13.21	13.20	13.5	0.0
100	64QAM	1	1	13.30	13.27	13.17	13.5	0.0
100	256QAM	1	1	13.28	13.23	13.24	13.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	13.19	13.11	13.25	13.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	13.12	13.27	13.2	13.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	13.13	13.09	13.08	13.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	13.19	13.29	13.15	13.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	13.28	13.30	13.30	13.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	13.09	13.28	13.06	13.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	13.20	13.19	13.09	13.5	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	2592.99	2640		
100	PI/2 BPSK	1	1	20.18	20.30	20.23	20.5	0.0
100	PI/2 BPSK	1	137	20.19	20.28	20.21		
100	PI/2 BPSK	1	271	20.31	20.21	20.20		
100	PI/2 BPSK	135	0	20.32	20.25	20.32	20.5	0.0
100	PI/2 BPSK	135	69	20.27	20.24	20.12	20.5	0.0
100	PI/2 BPSK	135	138	20.22	20.20	20.13	20.5	0.0
100	PI/2 BPSK	270	0	20.18	20.16	20.19		
100	QPSK	1	1	20.33	20.35	20.30	20.5	0.0
100	QPSK	1	137	20.33	20.36	20.35		
100	QPSK	1	271	20.12	20.24	20.31		
100	QPSK	135	0	20.13	20.16	20.13	20.5	0.0
100	QPSK	135	69	20.18	20.21	18.00	20.5	0.0
100	QPSK	135	138	20.11	20.13	20.06	20.5	0.0
100	QPSK	270	0	20.15	20.17	20.12		
100	16QAM	1	1	19.55	19.50	19.39	20.5	0.0
100	64QAM	1	1	18.40	18.47	18.37	20.5	0.0
100	256QAM	1	1	17.16	17.18	17.25	20.0	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	20.31	20.35	20.28	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.15	20.32	20.33	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.36	20.32	20.24	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.34	20.30	20.33	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.38	20.16	20.30	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.31	20.31	20.13	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.30	20.13	20.01	20.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.47	21.39	21.31	21.5	0.0
100	PI/2 BPSK	1	137	20.96	21.38	21.33		
100	PI/2 BPSK	1	271	21.19	21.41	21.26		
100	PI/2 BPSK	135	0	21.07	21.41	21.16	21.5	0.0
100	PI/2 BPSK	135	69	20.96	21.28	21.24	21.5	0.0
100	PI/2 BPSK	135	138	21.06	21.24	21.33	21.5	0.0
100	PI/2 BPSK	270	0	21.01	21.36	21.21		
100	QPSK	1	1	21.13	21.35	21.30	21.5	0.0
100	QPSK	1	137	21.27	21.49	21.46		
100	QPSK	1	271	21.12	21.45	21.34		
100	QPSK	135	0	21.15	21.29	21.24	21.5	0.0
100	QPSK	135	69	21.32	21.42	21.29	21.5	0.0
100	QPSK	135	138	21.17	21.29	21.28	21.5	0.0
100	QPSK	270	0	21.12	21.47	21.27		
100	16QAM	1	1	21.18	21.39	21.36	21.5	0.0
100	64QAM	1	1	20.76	20.97	20.89	21.0	0.5
100	256QAM	1	1	18.83	19.00	18.96	19.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.96	21.44	21.19	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.13	21.32	21.36	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	21.03	21.34	21.23	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.99	21.25	21.26	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.10	21.45	21.30	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.15	21.43	21.19	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	20.96	21.40	21.30	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.13	21.45	21.35	21.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.31	19.26	19.11	19.5	0.0
100	PI/2 BPSK	1	137	18.77	19.23	19.03		
100	PI/2 BPSK	1	271	19.08	19.15	19.04		
100	PI/2 BPSK	135	0	18.84	19.30	19.06	19.5	0.0
100	PI/2 BPSK	135	69	18.72	19.10	19.13	19.5	0.0
100	PI/2 BPSK	135	138	18.80	19.07	19.24	19.5	0.0
100	PI/2 BPSK	270	0	18.87	19.22	19.07		
100	QPSK	1	1	19.02	19.26	19.21	19.5	0.0
100	QPSK	1	137	19.06	19.38	19.28		
100	QPSK	1	271	18.87	19.30	19.11		
100	QPSK	135	0	19.01	19.14	19.03	19.5	0.0
100	QPSK	135	69	19.21	19.30	19.20	19.5	0.0
100	QPSK	135	138	19.06	19.10	18.98	19.5	0.0
100	QPSK	270	0	18.94	19.20	19.16		
100	16QAM	1	1	18.94	19.12	19.10	19.5	0.0
100	64QAM	1	1	18.77	19.00	18.81	19.5	0.0
100	256QAM	1	1	18.34	18.53	18.57	19.0	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.98	19.01	19.19	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.86	19.16	19.19	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	18.83	19.18	19.21	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.97	19.05	19.12	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.94	19.09	19.07	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.01	19.24	19.18	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	19.01	19.11	19.19	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.90	19.13	19.02	19.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.24	16.31	16.08	16.5	0.0
100	PI/2 BPSK	1	137	15.83	16.21	16.06		
100	PI/2 BPSK	1	271	16.05	16.04	15.98		
100	PI/2 BPSK	135	0	15.89	16.37	16.10	16.5	0.0
100	PI/2 BPSK	135	69	15.69	16.03	16.02	16.5	0.0
100	PI/2 BPSK	135	138	15.81	16.00	16.20	16.5	0.0
100	PI/2 BPSK	270	0	15.94	16.16	16.08		
100	QPSK	1	1	15.96	16.17	16.09	16.5	0.0
100	QPSK	1	137	16.08	16.45	16.24		
100	QPSK	1	271	15.86	16.29	16.23		
100	QPSK	135	0	16.09	16.21	15.93	16.5	0.0
100	QPSK	135	69	16.15	16.37	16.25	16.5	0.0
100	QPSK	135	138	16.09	16.18	15.87	16.5	0.0
100	QPSK	270	0	15.97	16.14	16.05		
100	16QAM	1	1	15.83	16.05	16.20	16.5	0.0
100	64QAM	1	1	15.78	16.11	15.72	16.5	0.0
100	256QAM	1	1	15.38	15.52	15.65	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	15.96	16.12	16.07	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.02	16.29	16.18	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	15.91	16.21	16.14	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.07	16.20	16.08	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.13	15.98	16.08	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.12	16.31	16.09	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.04	16.25	16.19	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.94	16.10	16.21	16.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.25		21.5	0.0
100	PI/2 BPSK	1	137		21.40			
100	PI/2 BPSK	1	271		20.96			
100	PI/2 BPSK	135	0		21.07		21.5	0.0
100	PI/2 BPSK	135	69		21.35		21.5	0.0
100	PI/2 BPSK	135	138		21.18		21.5	0.0
100	PI/2 BPSK	270	0		21.22			
100	QPSK	1	1		21.34		21.5	0.0
100	QPSK	1	137		21.42			
100	QPSK	1	271		21.40			
100	QPSK	135	0		21.10		21.5	0.0
100	QPSK	135	69		21.28		21.5	0.0
100	QPSK	135	138		21.24		21.5	0.0
100	QPSK	270	0		21.11			
100	16QAM	1	1		21.08		21.5	0.0
100	64QAM	1	1		20.86		21.0	0.5
100	256QAM	1	1		18.96		19.0	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.10	21.35	21.17	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.94	21.17	21.02	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	20.82	21.21	21.09	21.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	20.84	21.20	21.03	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.80	21.16	21.05	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	20.87	21.21	20.93	21.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	21.02	21.03	20.89	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.87	21.23	20.93	21.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.14		19.5	0.0
100	PI/2 BPSK	1	137		19.12			
100	PI/2 BPSK	1	271		19.11			
100	PI/2 BPSK	135	0		19.11		19.5	0.0
100	PI/2 BPSK	135	69		19.12		19.5	0.0
100	PI/2 BPSK	135	138		19.23		19.5	0.0
100	PI/2 BPSK	270	0		19.31			
100	QPSK	1	1		19.35		19.5	0.0
100	QPSK	1	137		19.42			
100	QPSK	1	271		19.40			
100	QPSK	135	0		19.08		19.5	0.0
100	QPSK	135	69		19.39		19.5	0.0
100	QPSK	135	138		19.37		19.5	0.0
100	QPSK	270	0		19.18			
100	16QAM	1	1		19.11		19.5	0.0
100	64QAM	1	1		19.22		19.5	0.0
100	256QAM	1	1		18.95		19.0	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	19.31	19.41	19.36	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.00	19.10	19.11	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	19.18	19.09	19.11	19.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	19.20	19.29	19.11	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.18	19.13	19.20	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.19	19.10	19.28	19.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	19.22	19.31	19.19	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.14	19.27	19.06	19.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.19		16.5	0.0
100	PI/2 BPSK	1	137		16.19			
100	PI/2 BPSK	1	271		16.10			
100	PI/2 BPSK	135	0		16.20		16.5	0.0
100	PI/2 BPSK	135	69		16.11		16.5	0.0
100	PI/2 BPSK	135	138		16.16		16.5	0.0
100	PI/2 BPSK	270	0		16.26			
100	QPSK	1	1		16.31		16.5	0.0
100	QPSK	1	137		16.49			
100	QPSK	1	271		16.44			
100	QPSK	135	0		16.01		16.5	0.0
100	QPSK	135	69		16.43		16.5	0.0
100	QPSK	135	138		16.27		16.5	0.0
100	QPSK	270	0		16.17			
100	16QAM	1	1		16.06		16.5	0.0
100	64QAM	1	1		16.15		16.5	0.0
100	256QAM	1	1		15.83		16.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	16.35	15.42	16.34	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.22	16.31	16.25	16.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	16.26	16.47	16.34	16.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	16.29	16.37	16.36	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.30	16.34	16.22	16.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	16.36	16.41	16.28	16.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	16.32	16.46	16.27	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.26	16.33	16.27	16.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.51		19.0	0.0
100	PI/2 BPSK	1	137		17.47			
100	PI/2 BPSK	1	271		17.44			
100	PI/2 BPSK	135	0		17.55		19.0	0.0
100	PI/2 BPSK	135	69		17.50		19.0	0.0
100	PI/2 BPSK	135	138		17.55		19.0	0.0
100	PI/2 BPSK	270	0		17.39			
100	QPSK	1	1		17.58		19.0	0.0
100	QPSK	1	137		17.69			
100	QPSK	1	271		17.66			
100	QPSK	135	0		17.60		19.0	0.0
100	QPSK	135	69		17.38		19.0	0.0
100	QPSK	135	138		17.42		19.0	0.0
100	QPSK	270	0		17.68			
100	16QAM	1	1		17.57		19.0	0.0
100	64QAM	1	1		17.57		19.0	0.0
100	256QAM	1	1		17.45		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	16.99	17.56	17.38	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.07	17.43	17.27	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.03	17.41	17.42	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.08	17.41	17.21	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.10	17.46	17.34	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.01	17.49	17.29	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.05	17.42	17.31	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.02	17.51	17.22	19.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.07		17.5	0.0
100	PI/2 BPSK	1	137		15.88			
100	PI/2 BPSK	1	271		15.90			
100	PI/2 BPSK	135	0		16.05		17.5	0.0
100	PI/2 BPSK	135	69		16.01		17.5	0.0
100	PI/2 BPSK	135	138		15.96		17.5	0.0
100	PI/2 BPSK	270	0		16.00			
100	QPSK	1	1		16.16		17.5	0.0
100	QPSK	1	137		16.20			
100	QPSK	1	271		16.12			
100	QPSK	135	0		15.99		17.5	0.0
100	QPSK	135	69		16.00		17.5	0.0
100	QPSK	135	138		15.94		17.5	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.04		17.5	0.0
100	64QAM	1	1		16.07		17.5	0.0
100	256QAM	1	1		15.94		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.73	16.11	15.78	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.67	15.94	15.68	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.79	15.96	15.82	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.71	15.88	15.82	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.77	16.02	15.68	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.69	15.91	15.82	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.66	16.10	15.78	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.80	15.94	15.66	17.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.66		17.0	0.0
100	PI/2 BPSK	1	137		15.44			
100	PI/2 BPSK	1	271		15.45			
100	PI/2 BPSK	135	0		15.62		17.0	0.0
100	PI/2 BPSK	135	69		15.42		17.0	0.0
100	PI/2 BPSK	135	138		15.35		17.0	0.0
100	PI/2 BPSK	270	0		15.40			
100	QPSK	1	1		15.61		17.0	0.0
100	QPSK	1	137		15.74			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.39		17.0	0.0
100	QPSK	135	69		15.58		17.0	0.0
100	QPSK	135	138		15.36		17.0	0.0
100	QPSK	270	0		15.68			
100	16QAM	1	1		15.56		17.0	0.0
100	64QAM	1	1		15.47		17.0	0.0
100	256QAM	1	1		15.43		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.25	15.47	15.21	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.19	15.67	15.21	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.37	15.49	15.24	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.21	15.68	15.38	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.33	15.50	15.40	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.23	15.68	15.27	17.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.08	15.62	15.11	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.26	15.65	15.29	17.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.78		19.0	0.0
100	PI/2 BPSK	1	137		17.60			
100	PI/2 BPSK	1	271		17.60			
100	PI/2 BPSK	135	0		17.61		19.0	0.0
100	PI/2 BPSK	135	69		17.49		19.0	0.0
100	PI/2 BPSK	135	138		17.53		19.0	0.0
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		17.70		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.78			
100	QPSK	135	0		17.49		19.0	0.0
100	QPSK	135	69		17.68		19.0	0.0
100	QPSK	135	138		17.67		19.0	0.0
100	QPSK	270	0		17.70			
100	16QAM	1	1		17.70		19.0	0.0
100	64QAM	1	1		17.52		19.0	0.0
100	256QAM	1	1		17.50		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	17.26	17.58	17.09	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.27	17.65	17.22	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	17.37	17.51	17.21	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	17.41	17.49	17.15	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.21	17.59	17.24	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	17.42	17.57	17.19	19.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	17.27	17.56	17.22	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.39	17.66	17.23	19.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.04		17.5	0.0
100	PI/2 BPSK	1	137		16.06			
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.22		17.5	0.0
100	PI/2 BPSK	135	69		15.96		17.5	0.0
100	PI/2 BPSK	135	138		15.92		17.5	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.02		17.5	0.0
100	QPSK	1	137		16.24			
100	QPSK	1	271		16.23			
100	QPSK	135	0		16.08		17.5	0.0
100	QPSK	135	69		16.19		17.5	0.0
100	QPSK	135	138		16.06		17.5	0.0
100	QPSK	270	0		16.15			
100	16QAM	1	1		16.21		17.5	0.0
100	64QAM	1	1		15.92		17.5	0.0
100	256QAM	1	1		15.97		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	15.86	16.16	15.57	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.81	16.01	15.54	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	15.69	15.98	15.68	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.66	16.00	15.48	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.85	16.06	15.57	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.65	16.16	15.60	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	15.75	16.15	15.64	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.69	16.01	15.53	17.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.56		17.0	0.0
100	PI/2 BPSK	1	137		15.50			
100	PI/2 BPSK	1	271		15.65			
100	PI/2 BPSK	135	0		15.65		17.0	0.0
100	PI/2 BPSK	135	69		15.56		17.0	0.0
100	PI/2 BPSK	135	138		15.32		17.0	0.0
100	PI/2 BPSK	270	0		15.57			
100	QPSK	1	1		15.49		17.0	0.0
100	QPSK	1	137		15.75			
100	QPSK	1	271		15.71			
100	QPSK	135	0		15.63		17.0	0.0
100	QPSK	135	69		15.72		17.0	0.0
100	QPSK	135	138		15.57		17.0	0.0
100	QPSK	270	0		15.55			
100	16QAM	1	1		15.68		17.0	0.0
100	64QAM	1	1		15.50		17.0	0.0
100	256QAM	1	1		15.50		17.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	15.28	15.59	15.31	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.31	15.62	15.10	17.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	15.32	15.68	15.18	17.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.46	15.70	15.51	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.32	15.66	15.29	17.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.18	15.61	15.31	17.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	15.42	15.66	15.32	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.32	15.67	15.23	17.0	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.28	16.32	16.20	17.5	0.0
100	PI/2 BPSK	1	137	16.01	16.27	16.12		
100	PI/2 BPSK	1	271	15.98	16.11	15.90		
100	PI/2 BPSK	135	0	16.21	16.36	16.28	17.5	0.0
100	PI/2 BPSK	135	69	16.32	16.28	16.30	17.5	0.0
100	PI/2 BPSK	135	138	15.97	16.35	15.98	17.5	0.0
100	PI/2 BPSK	270	0	16.03	16.24	16.14		
100	QPSK	1	1	16.00	16.34	16.00	17.5	0.0
100	QPSK	1	137	16.24	16.41	16.15		
100	QPSK	1	271	16.07	16.26	16.09		
100	QPSK	135	0	16.09	16.15	15.87	17.5	0.0
100	QPSK	135	69	16.19	16.30	16.20	17.5	0.0
100	QPSK	135	138	16.06	16.13	15.88	17.5	0.0
100	QPSK	270	0	16.00	16.30	16.00		
100	16QAM	1	1	16.18	16.29	16.25	17.5	0.0
100	64QAM	1	1	16.09	16.28	15.98	17.5	0.0
100	256QAM	1	1	16.10	16.18	16.04	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.13	16.21	15.97	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.10	16.24	16.07	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	15.97	16.17	15.91	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.13	16.15	16.04	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.95	16.13	15.86	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.08	16.17	15.94	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.13	16.10	16.04	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.99	16.10	16.02	17.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.72	16.83	16.62	18.0	0.0
100	PI/2 BPSK	1	137	16.54	16.83	16.66		
100	PI/2 BPSK	1	271	16.50	16.53	16.50		
100	PI/2 BPSK	135	0	16.62	16.83	16.88	18.0	0.0
100	PI/2 BPSK	135	69	16.88	16.90	16.92	18.0	0.0
100	PI/2 BPSK	135	138	16.43	16.82	16.56	18.0	0.0
100	PI/2 BPSK	270	0	16.48	16.79	16.54		
100	QPSK	1	1	16.59	16.74	16.46	18.0	0.0
100	QPSK	1	137	16.70	16.93	16.69		
100	QPSK	1	271	16.61	16.65	16.56		
100	QPSK	135	0	16.70	16.60	16.40	18.0	0.0
100	QPSK	135	69	16.62	16.88	16.78	18.0	0.0
100	QPSK	135	138	16.67	16.54	16.50	18.0	0.0
100	QPSK	270	0	16.58	16.83	16.60		
100	16QAM	1	1	16.65	16.91	16.80	18.0	0.0
100	64QAM	1	1	16.55	16.81	16.51	18.0	0.0
100	256QAM	1	1	16.52	16.67	16.59	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.63	16.74	16.59	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.60	16.77	16.53	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	16.53	16.69	16.59	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.59	16.62	16.56	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.70	16.77	16.50	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.53	16.60	16.64	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.55	16.64	16.46	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.52	16.72	16.64	18.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.07		17.5	0.0
100	PI/2 BPSK	1	137		17.12			
100	PI/2 BPSK	1	271		16.94			
100	PI/2 BPSK	135	0		17.02		17.5	0.0
100	PI/2 BPSK	135	69		16.92		17.5	0.0
100	PI/2 BPSK	135	138		17.09		17.5	0.0
100	PI/2 BPSK	270	0		17.02			
100	QPSK	1	1		17.06		17.5	0.0
100	QPSK	1	137		17.23			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.01		17.5	0.0
100	QPSK	135	69		17.02		17.5	0.0
100	QPSK	135	138		16.93		17.5	0.0
100	QPSK	270	0		17.03			
100	16QAM	1	1		17.09		17.5	0.0
100	64QAM	1	1		17.07		17.5	0.0
100	256QAM	1	1		16.97		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	16.62	17.02	16.85	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.77	16.98	16.80	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	16.73	17.10	16.89	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	16.65	17.12	16.85	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.73	16.98	16.84	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	16.73	17.02	16.85	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	16.57	16.90	16.91	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.55	17.12	16.79	17.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.56		18.0	0.0
100	PI/2 BPSK	1	137		17.68			
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.61		18.0	0.0
100	PI/2 BPSK	135	69		17.33		18.0	0.0
100	PI/2 BPSK	135	138		17.51		18.0	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.44		18.0	0.0
100	QPSK	1	137		17.78			
100	QPSK	1	271		17.71			
100	QPSK	135	0		17.55		18.0	0.0
100	QPSK	135	69		17.59		18.0	0.0
100	QPSK	135	138		17.50		18.0	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.58		18.0	0.0
100	64QAM	1	1		17.64		18.0	0.0
100	256QAM	1	1		17.48		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	17.21	17.41	17.32	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.28	17.42	17.26	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	17.35	17.41	17.39	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	17.36	17.40	17.34	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.24	17.45	17.41	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	17.29	17.53	17.30	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	17.26	17.59	17.38	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.34	17.58	17.28	18.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.45		16.5	0.0
100	PI/2 BPSK	1	137		15.30			
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.44		16.5	0.0
100	PI/2 BPSK	135	69		15.48		16.5	0.0
100	PI/2 BPSK	135	138		15.34		16.5	0.0
100	PI/2 BPSK	270	0		15.42			
100	QPSK	1	1		15.47		16.5	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.39			
100	QPSK	135	0		15.39		16.5	0.0
100	QPSK	135	69		15.45		16.5	0.0
100	QPSK	135	138		15.32		16.5	0.0
100	QPSK	270	0		15.48			
100	16QAM	1	1		15.37		16.5	0.0
100	64QAM	1	1		15.40		16.5	0.0
100	256QAM	1	1		15.44		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.18	15.41	15.01	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.31	15.31	14.94	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.15	15.30	15.05	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.28	15.24	15.00	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.11	15.41	14.98	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.12	15.39	14.98	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.25	15.41	15.11	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.29	15.42	15.04	16.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.83		23.0	0.0
100	PI/2 BPSK	1	137		21.59			
100	PI/2 BPSK	1	271		21.46			
100	PI/2 BPSK	135	0		21.84		23.0	0.0
100	PI/2 BPSK	135	69		21.77		23.0	0.0
100	PI/2 BPSK	135	138		21.71		23.0	0.0
100	PI/2 BPSK	270	0		21.69			
100	QPSK	1	1		21.83		23.0	0.0
100	QPSK	1	137		21.95			
100	QPSK	1	271		21.79			
100	QPSK	135	0		21.76		23.0	0.0
100	QPSK	135	69		21.85		23.0	0.0
100	QPSK	135	138		21.66		23.0	0.0
100	QPSK	270	0		21.90			
100	16QAM	1	1		21.73		23.0	0.0
100	64QAM	1	1		21.69		23.0	0.0
100	256QAM	1	1		21.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.35	21.68	21.41	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.42	21.64	21.34	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.35	21.84	21.36	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.50	21.74	21.36	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.52	21.82	21.34	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.47	21.73	21.46	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	21.50	21.72	21.34	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.42	21.71	21.32	23.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.64		16.5	0.0
100	PI/2 BPSK	1	137		15.53			
100	PI/2 BPSK	1	271		15.30			
100	PI/2 BPSK	135	0		15.46		16.5	0.0
100	PI/2 BPSK	135	69		15.46		16.5	0.0
100	PI/2 BPSK	135	138		15.43		16.5	0.0
100	PI/2 BPSK	270	0		15.43			
100	QPSK	1	1		15.43		16.5	0.0
100	QPSK	1	137		15.66			
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.42		16.5	0.0
100	QPSK	135	69		15.56		16.5	0.0
100	QPSK	135	138		15.46		16.5	0.0
100	QPSK	270	0		15.43			
100	16QAM	1	1		15.49		16.5	0.0
100	64QAM	1	1		15.33		16.5	0.0
100	256QAM	1	1		15.48		16.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	15.07	15.36	15.34	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.16	15.41	15.41	16.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	15.11	15.36	15.31	16.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.15	15.51	15.23	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.04	15.44	15.34	16.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.20	15.51	15.31	16.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	15.25	15.45	15.29	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.14	15.38	15.46	16.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.19		23.0	0.0
100	PI/2 BPSK	1	137		22.15			
100	PI/2 BPSK	1	271		21.91			
100	PI/2 BPSK	135	0		22.05		23.0	0.0
100	PI/2 BPSK	135	69		22.12		23.0	0.0
100	PI/2 BPSK	135	138		21.99		23.0	0.0
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		21.91		23.0	0.0
100	QPSK	1	137		22.20			
100	QPSK	1	271		22.05			
100	QPSK	135	0		22.10		23.0	0.0
100	QPSK	135	69		22.13		23.0	0.0
100	QPSK	135	138		22.02		23.0	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		22.10		23.0	0.0
100	64QAM	1	1		21.97		23.0	0.0
100	256QAM	1	1		22.02		23.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.63	21.87	21.86	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.70	21.87	21.86	23.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.78	21.91	22.03	23.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.75	21.90	21.86	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.57	21.87	21.98	23.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.75	22.00	21.92	23.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	21.74	21.99	21.94	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.56	21.91	21.96	23.0	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.31	15.50	15.21	16.5	0.0
100	PI/2 BPSK	1	137	15.33	15.40	15.13		
100	PI/2 BPSK	1	271	15.20	15.55	15.28		
100	PI/2 BPSK	135	0	15.30	15.45	15.17	16.5	0.0
100	PI/2 BPSK	135	69	15.30	15.49	15.40	16.5	0.0
100	PI/2 BPSK	135	138	15.33	15.39	15.18	16.5	0.0
100	PI/2 BPSK	270	0	15.37	15.48	15.34		
100	QPSK	1	1	15.43	15.44	15.21	16.5	0.0
100	QPSK	1	137	15.46	15.60	15.42		
100	QPSK	1	271	15.18	15.33	15.29		
100	QPSK	135	0	15.36	15.52	15.17	16.5	0.0
100	QPSK	135	69	15.20	15.58	15.19	16.5	0.0
100	QPSK	135	138	15.21	15.48	15.35	16.5	0.0
100	QPSK	270	0	15.27	15.51	15.22		
100	16QAM	1	1	15.19	15.41	15.31	16.5	0.0
100	64QAM	1	1	15.32	15.39	15.28	16.5	0.0
100	256QAM	1	1	15.23	15.51	15.25	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	15.18	15.37	15.22	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	15.19	15.37	15.24	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	15.29	15.35	15.20	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	15.37	15.40	15.12	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.33	15.38	15.19	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.25	15.43	15.22	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	15.28	15.42	15.34	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.32	15.33	15.22	16.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.65	16.75	16.42	18.0	0.0
100	PI/2 BPSK	1	137	16.61	16.79	16.49		
100	PI/2 BPSK	1	271	16.45	16.84	16.60		
100	PI/2 BPSK	135	0	16.55	16.69	16.48	18.0	0.0
100	PI/2 BPSK	135	69	16.52	16.71	16.63	18.0	0.0
100	PI/2 BPSK	135	138	16.55	16.58	16.37	18.0	0.0
100	PI/2 BPSK	270	0	16.72	16.87	16.60		
100	QPSK	1	1	16.69	16.86	16.62	18.0	0.0
100	QPSK	1	137	16.82	16.92	16.82		
100	QPSK	1	271	16.47	16.56	16.57		
100	QPSK	135	0	16.76	16.72	16.51	18.0	0.0
100	QPSK	135	69	16.71	16.83	16.60	18.0	0.0
100	QPSK	135	138	16.59	16.77	16.69	18.0	0.0
100	QPSK	270	0	16.61	16.73	16.59		
100	16QAM	1	1	16.41	16.82	16.68	18.0	0.0
100	64QAM	1	1	16.65	16.68	16.51	18.0	0.0
100	256QAM	1	1	16.47	16.86	16.46	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.67	16.61	16.66	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.70	16.69	16.69	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	16.63	16.74	16.74	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.68	16.79	16.67	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.57	16.70	16.50	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.63	16.66	16.56	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.80	16.61	16.74	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.61	16.64	16.53	18.0	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.27	18.20	17.95	19.5	0.0
100	PI/2 BPSK	1	137	18.25	18.37	17.88		
100	PI/2 BPSK	1	271	18.09	18.33	17.98		
100	PI/2 BPSK	135	0	18.14	18.28	17.91	19.5	0.0
100	PI/2 BPSK	135	69	18.06	18.22	18.03	19.5	0.0
100	PI/2 BPSK	135	138	18.04	18.02	17.83	19.5	0.0
100	PI/2 BPSK	270	0	18.23	18.32	18.00		
100	QPSK	1	1	18.20	18.34	18.22	19.5	0.0
100	QPSK	1	137	18.25	18.47	18.42		
100	QPSK	1	271	18.02	18.04	17.96		
100	QPSK	135	0	18.26	18.29	18.01	19.5	0.0
100	QPSK	135	69	18.24	18.31	18.20	19.5	0.0
100	QPSK	135	138	18.12	18.20	18.10	19.5	0.0
100	QPSK	270	0	18.10	18.23	18.11		
100	16QAM	1	1	18.01	18.36	18.24	19.5	0.0
100	64QAM	1	1	18.11	18.22	18.03	19.5	0.0
100	256QAM	1	1	17.93	18.27	17.95	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.14	18.09	18.17	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.21	18.10	18.12	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	18.18	18.13	18.15	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.22	18.12	18.13	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.13	18.21	18.18	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.21	18.16	18.23	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	18.16	18.10	18.32	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.11	18.20	18.13	19.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.32		16.5	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.21			
100	PI/2 BPSK	135	0		15.04		16.5	0.0
100	PI/2 BPSK	135	69		15.19		16.5	0.0
100	PI/2 BPSK	135	138		15.13		16.5	0.0
100	PI/2 BPSK	270	0		15.12			
100	QPSK	1	1		15.38		16.5	0.0
100	QPSK	1	137		15.42			
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.22		16.5	0.0
100	QPSK	135	69		15.30		16.5	0.0
100	QPSK	135	138		15.03		16.5	0.0
100	QPSK	270	0		15.18			
100	16QAM	1	1		15.23		16.5	0.0
100	64QAM	1	1		15.25		16.5	0.0
100	256QAM	1	1		14.90		16.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	14.88	15.29	15.06	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	14.98	15.18	15.00	16.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	15.05	15.24	15.11	16.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	14.88	15.16	15.12	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.06	15.14	15.10	16.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.03	15.23	15.19	16.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	14.94	15.12	15.05	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.11	15.24	15.10	16.5	0.0

PC3 Par27Q n77_Ant13 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.76		18.0	0.0
100	PI/2 BPSK	1	137		16.87			
100	PI/2 BPSK	1	271		16.75			
100	PI/2 BPSK	135	0		16.53		18.0	0.0
100	PI/2 BPSK	135	69		16.68		18.0	0.0
100	PI/2 BPSK	135	138		16.64		18.0	0.0
100	PI/2 BPSK	270	0		16.53			
100	QPSK	1	1		16.83		18.0	0.0
100	QPSK	1	137		16.88			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.65		18.0	0.0
100	QPSK	135	69		16.75		18.0	0.0
100	QPSK	135	138		16.55		18.0	0.0
100	QPSK	270	0		16.57			
100	16QAM	1	1		16.57		18.0	0.0
100	64QAM	1	1		16.67		18.0	0.0
100	256QAM	1	1		16.43		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	16.48	16.81	16.61	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.43	16.86	16.68	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	16.27	16.73	16.46	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	16.39	16.80	16.48	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.43	16.84	16.62	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	16.28	16.84	16.62	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	16.50	16.82	16.54	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.44	16.84	16.47	18.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.31		19.5	0.0
100	PI/2 BPSK	1	137		18.33			
100	PI/2 BPSK	1	271		18.28			
100	PI/2 BPSK	135	0		18.12		19.5	0.0
100	PI/2 BPSK	135	69		18.16		19.5	0.0
100	PI/2 BPSK	135	138		18.13		19.5	0.0
100	PI/2 BPSK	270	0		18.01			
100	QPSK	1	1		18.31		19.5	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.20			
100	QPSK	135	0		18.16		19.5	0.0
100	QPSK	135	69		18.25		19.5	0.0
100	QPSK	135	138		18.16		19.5	0.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.96		19.5	0.0
100	64QAM	1	1		18.23		19.5	0.0
100	256QAM	1	1		18.03		19.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	18.06	18.37	18.08	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.98	18.31	18.15	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	18.04	18.38	18.04	19.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	17.86	18.19	18.07	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.22	18.32	18.03	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	17.99	18.25	18.02	19.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	18.11	18.20	18.04	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.12	18.35	17.94	19.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.42		14.5	0.0
100	PI/2 BPSK	1	137		13.57			
100	PI/2 BPSK	1	271		13.39			
100	PI/2 BPSK	135	0		13.37		14.5	0.0
100	PI/2 BPSK	135	69		13.36		14.5	0.0
100	PI/2 BPSK	135	138		13.51		14.5	0.0
100	PI/2 BPSK	270	0		13.44			
100	QPSK	1	1		13.53		14.5	0.0
100	QPSK	1	137		13.62			
100	QPSK	1	271		13.35			
100	QPSK	135	0		13.39		14.5	0.0
100	QPSK	135	69		13.53		14.5	0.0
100	QPSK	135	138		13.52		14.5	0.0
100	QPSK	270	0		13.41			
100	16QAM	1	1		13.53		14.5	0.0
100	64QAM	1	1		13.44		14.5	0.0
100	256QAM	1	1		13.52		14.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	13.11	13.52	13.15	14.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	13.16	13.35	13.12	14.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.24	13.32	13.13	14.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	13.21	13.42	13.28	14.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	13.26	13.31	13.10	14.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.10	13.35	13.26	14.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	13.16	13.53	13.07	14.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	13.10	13.32	13.30	14.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.19		19.5	0.0
100	PI/2 BPSK	1	137		18.28			
100	PI/2 BPSK	1	271		18.13			
100	PI/2 BPSK	135	0		18.25		19.5	0.0
100	PI/2 BPSK	135	69		18.25		19.5	0.0
100	PI/2 BPSK	135	138		18.25		19.5	0.0
100	PI/2 BPSK	270	0		18.25			
100	QPSK	1	1		18.34		19.5	0.0
100	QPSK	1	137		18.48			
100	QPSK	1	271		18.17			
100	QPSK	135	0		18.13		19.5	0.0
100	QPSK	135	69		18.25		19.5	0.0
100	QPSK	135	138		18.23		19.5	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.43		19.5	0.0
100	64QAM	1	1		18.22		19.5	0.0
100	256QAM	1	1		18.30		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.90	18.27	17.88	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.29	18.00	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.76	18.27	17.87	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.93	18.40	17.89	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.89	18.28	17.85	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.89	18.35	18.01	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.81	18.31	17.88	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.80	18.21	17.97	19.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.29		17.5	0.0
100	PI/2 BPSK	1	137		16.37			
100	PI/2 BPSK	1	271		16.11			
100	PI/2 BPSK	135	0		16.20		17.5	0.0
100	PI/2 BPSK	135	69		16.21		17.5	0.0
100	PI/2 BPSK	135	138		16.35		17.5	0.0
100	PI/2 BPSK	270	0		16.24			
100	QPSK	1	1		16.23		17.5	0.0
100	QPSK	1	137		16.46			
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.09		17.5	0.0
100	QPSK	135	69		16.31		17.5	0.0
100	QPSK	135	138		16.27		17.5	0.0
100	QPSK	270	0		16.26			
100	16QAM	1	1		16.33		17.5	0.0
100	64QAM	1	1		16.23		17.5	0.0
100	256QAM	1	1		16.32		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	16.03	16.29	15.91	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	16.12	16.30	15.97	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.07	16.31	15.86	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.97	16.38	16.11	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.90	16.18	15.97	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.95	16.13	15.87	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.79	16.29	16.03	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.95	16.21	16.08	17.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.80		14.5	0.0
100	PI/2 BPSK	1	137		13.74			
100	PI/2 BPSK	1	271		13.73			
100	PI/2 BPSK	135	0		13.67		14.5	0.0
100	PI/2 BPSK	135	69		13.75		14.5	0.0
100	PI/2 BPSK	135	138		13.91		14.5	0.0
100	PI/2 BPSK	270	0		13.81			
100	QPSK	1	1		13.87		14.5	0.0
100	QPSK	1	137		14.02			
100	QPSK	1	271		13.84			
100	QPSK	135	0		13.72		14.5	0.0
100	QPSK	135	69		13.88		14.5	0.0
100	QPSK	135	138		13.84		14.5	0.0
100	QPSK	270	0		13.70			
100	16QAM	1	1		13.73		14.5	0.0
100	64QAM	1	1		13.80		14.5	0.0
100	256QAM	1	1		13.97		14.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	13.37	13.67	13.66	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	13.35	13.68	13.58	14.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	13.40	13.67	13.68	14.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	13.55	13.79	13.54	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	13.34	13.65	13.59	14.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	13.39	13.83	13.56	14.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	13.36	13.83	13.70	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	13.33	13.71	13.59	14.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.76		19.5	0.0
100	PI/2 BPSK	1	137		18.64			
100	PI/2 BPSK	1	271		18.79			
100	PI/2 BPSK	135	0		18.69		19.5	0.0
100	PI/2 BPSK	135	69		18.72		19.5	0.0
100	PI/2 BPSK	135	138		18.83		19.5	0.0
100	PI/2 BPSK	270	0		18.74			
100	QPSK	1	1		18.82		19.5	0.0
100	QPSK	1	137		18.96			
100	QPSK	1	271		18.93			
100	QPSK	135	0		18.61		19.5	0.0
100	QPSK	135	69		18.93		19.5	0.0
100	QPSK	135	138		18.77		19.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.71		19.5	0.0
100	64QAM	1	1		18.82		19.5	0.0
100	256QAM	1	1		18.71		19.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	18.37	18.74	18.69	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.42	18.79	18.65	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	18.34	18.71	18.68	19.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	18.28	18.67	18.57	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.41	18.73	18.70	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.34	18.69	18.78	19.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	18.35	18.60	18.65	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.30	18.63	18.60	19.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.76		17.5	0.0
100	PI/2 BPSK	1	137		16.70			
100	PI/2 BPSK	1	271		16.91			
100	PI/2 BPSK	135	0		16.76		17.5	0.0
100	PI/2 BPSK	135	69		16.75		17.5	0.0
100	PI/2 BPSK	135	138		16.92		17.5	0.0
100	PI/2 BPSK	270	0		16.73			
100	QPSK	1	1		16.90		17.5	0.0
100	QPSK	1	137		17.03			
100	QPSK	1	271		16.96			
100	QPSK	135	0		16.53		17.5	0.0
100	QPSK	135	69		16.86		17.5	0.0
100	QPSK	135	138		16.82		17.5	0.0
100	QPSK	270	0		16.73			
100	16QAM	1	1		16.66		17.5	0.0
100	64QAM	1	1		16.89		17.5	0.0
100	256QAM	1	1		16.82		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	16.30	16.81	16.67	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.50	16.77	16.58	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	16.32	16.76	16.65	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	16.34	16.59	16.55	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.47	16.79	16.62	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	16.35	16.64	16.72	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	16.34	16.79	16.63	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.35	16.63	16.61	17.5	0.0

WLAN/Bluetooth Power

Ant 7+9				Full Power/Handheld		For Head standalone		For Head DBS		For Head simultaneous_2TX		For Head simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.14	23.50	20.16	21.50	18.57	20.00	16.63	18.00	12.59	14.00	100
		6	2437	22.32	23.50	20.18	21.50	18.89	20.00	16.83	18.00	12.85	14.00	
		11	2462	20.68	22.00	20.11	21.50	18.49	20.00	16.57	18.00	12.54	14.00	
	802.11g 6Mbps	1	2412	20.53	21.50	Not Required	21.50	Not Required	20.00	Not Required	18.00	Not Required	14.00	100
		6	2437	20.60	21.50		21.50		20.00		18.00		14.00	
		11	2462	20.65	21.50		21.50		20.00		18.00		14.00	
	802.11n-HT20 MCS0	1	2412	20.45	21.50		21.50		20.00		18.00		14.00	100
		6	2437	20.48	21.50		21.50		20.00		18.00		14.00	
		11	2462	20.44	21.50		21.50		20.00		18.00		14.00	
	802.11n-HT40 MCS0	3	2422	20.72	22.00		21.50		20.00		18.00		14.00	100
		6	2437	20.46	22.00		21.50		20.00		18.00		14.00	
		9	2452	20.67	22.00		21.50		20.00		18.00		14.00	
	802.11ax-HE20 MCS0	1	2412	19.25	21.00		21.00		20.00		18.00		14.00	100
		6	2437	20.51	21.00		21.00		20.00		18.00		14.00	
		11	2462	19.73	21.00		21.00		20.00		18.00		14.00	
	802.11ax-HE40 MCS0	3	2422	18.87	20.00		20.00		20.00		18.00		14.00	100
		6	2437	20.48	21.00		21.00		20.00		18.00		14.00	
		9	2452	18.78	20.00		20.00		20.00		18.00		14.00	

Ant 7+9				For Body-worn standalone		For Body-worn DBS		For Body simultaneous_2TX		For Body-worn simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.14	23.50	22.14	23.50	22.14	23.50	22.14	23.50	100
		6	2437	22.32	23.50	22.32	23.50	22.32	23.50	22.32	23.50	
		11	2462	20.68	22.00	20.68	22.00	20.68	22.00	20.68	22.00	
	802.11g 6Mbps	1	2412	20.53	21.50	20.53	21.50	20.53	21.50	20.53	21.50	100
		6	2437	20.60	21.50	20.60	21.50	20.60	21.50	20.60	21.50	
		11	2462	20.65	21.50	20.65	21.50	20.65	21.50	20.65	21.50	
	802.11n-HT20 MCS0	1	2412	20.45	21.50	20.45	21.50	20.45	21.50	20.45	21.50	100
		6	2437	20.48	21.50	20.48	21.50	20.48	21.50	20.48	21.50	
		11	2462	20.44	21.50	20.44	21.50	20.44	21.50	20.44	21.50	
	802.11n-HT40 MCS0	3	2422	20.72	22.00	20.72	22.00	20.72	22.00	20.72	22.00	100
		6	2437	20.46	22.00	20.46	22.00	20.46	22.00	20.46	22.00	
		9	2452	20.67	22.00	20.67	22.00	20.67	22.00	20.67	22.00	
	802.11ax-HE20 MCS0	1	2412	19.25	21.00	19.25	21.00	19.25	21.00	19.25	21.00	100
		6	2437	20.51	21.00	20.51	21.00	20.51	21.00	20.51	21.00	
		11	2462	19.73	21.00	19.73	21.00	19.73	21.00	19.73	21.00	
	802.11ax-HE40 MCS0	3	2422	18.87	20.00	18.87	20.00	18.87	20.00	18.87	20.00	100
		6	2437	20.48	21.00	20.48	21.00	20.48	21.00	20.48	21.00	
		9	2452	18.78	20.00	18.78	20.00	18.78	20.00	18.78	20.00	

Ant 7+9				For Hotspot simultaneous_2TX		For Hotspot simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.14	23.50	20.16	21.50	100
		6	2437	22.32	23.50	20.18	21.50	
		11	2462	20.68	22.00	20.11	21.50	
	802.11g 6Mbps	1	2412	20.53	21.50	Not Required	21.50	100
		6	2437	20.60	21.50		21.50	
		11	2462	20.65	21.50		21.50	
	802.11n-HT20 MCS0	1	2412	20.45	21.50		21.50	100
		6	2437	20.48	21.50		21.50	
		11	2462	20.44	21.50		21.50	
	802.11n-HT40 MCS0	3	2422	20.72	22.00		21.50	100
		6	2437	20.46	22.00		21.50	
		9	2452	20.67	22.00		21.50	
	802.11ax-HE20 MCS0	1	2412	19.25	21.00		21.50	100
		6	2437	20.51	21.00		21.50	
		11	2462	19.73	21.00		21.50	
	802.11ax-HE40 MCS0	3	2422	18.87	20.00		21.50	100
		6	2437	20.48	21.00		21.50	
		9	2452	18.78	20.00		21.50	

Ant 7+9				Full Power/Handheld		For Head standalone		For Head DBS		For Head simultaneous_2TX		For Head simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.81	22.00	Not Required	17.00	Not Required	15.00	Not Required	13.50	Not Required	11.00	98.97
		40	5200	20.83	22.00		17.00		15.00		13.50		11.00	
		44	5220	20.85	22.00		17.00		15.00		13.50		11.00	
		48	5240	20.90	22.00		17.00		15.00		13.50		11.00	
	802.11n-HT20 MCS0	36	5180	20.76	22.00		17.00		15.00		13.50		11.00	100
		40	5200	20.94	22.00		17.00		15.00		13.50		11.00	
		44	5220	21.09	22.00		17.00		15.00		13.50		11.00	
		48	5240	21.14	22.00		17.00		15.00		13.50		11.00	
	802.11n-HT40 MCS0	38	5190	19.00	20.00		17.00		15.00		13.50		11.00	100
		46	5230	21.30	23.00		17.00		15.00		13.50		11.00	
	802.11ac-VHT20 MCS0	36	5180	20.83	22.00		17.00		15.00		13.50		11.00	100
		40	5200	20.90	22.00		17.00		15.00		13.50		11.00	
		44	5220	20.96	22.00		17.00		15.00		13.50		11.00	
		48	5240	21.05	22.00		17.00		15.00		13.50		11.00	
	802.11ac-VHT40 MCS0	38	5190	19.05	20.00		17.00		15.00		13.50		11.00	100
		46	5230	21.09	22.00		17.00		15.00		13.50		11.00	
	802.11ac-VHT80 MCS0	42	5210	18.39	20.00		17.00		15.00		13.50		11.00	100
	802.11ax-HE20 MCS0	36	5180	21.23	23.00		17.00		15.00		13.50		11.00	100
		40	5200	21.15	23.00		17.00		15.00		13.50		11.00	
		44	5220	21.25	23.00		17.00		15.00		13.50		11.00	
		48	5240	21.33	23.00		17.00		15.00		13.50		11.00	
	802.11ax-HE40 MCS0	38	5190	19.10	20.00		17.00		15.00		13.50		11.00	100
		46	5230	21.36	23.00		17.00		15.00		13.50		11.00	
	802.11ax-HE80 MCS0	42	5210	18.45	20.00		17.00		15.00		13.50		11.00	100

Ant 7+9				For Body-worn standalone		For Body-worn DBS		For Body simultaneous_2TX		For Body-worn simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.81	22.00	20.81	22.00	20.81	22.00	Not Required	20.00	98.97
		40	5200	20.83	22.00	20.83	22.00	20.83	22.00		20.00	
		44	5220	20.85	22.00	20.85	22.00	20.85	22.00		20.00	
		48	5240	20.90	22.00	20.90	22.00	20.90	22.00		20.00	
	802.11n-HT20 MCS0	36	5180	20.76	22.00	20.76	22.00	20.76	22.00		20.00	100
		40	5200	20.94	22.00	20.94	22.00	20.94	22.00		20.00	
		44	5220	21.09	22.00	21.09	22.00	21.09	22.00		20.00	
		48	5240	21.14	22.00	21.14	22.00	21.14	22.00		20.00	
	802.11n-HT40 MCS0	38	5190	19.00	20.00	19.00	20.00	19.00	20.00		20.00	100
		46	5230	21.30	23.00	21.30	23.00	21.30	23.00		20.00	
	802.11ac-VHT20 MCS0	36	5180	20.83	22.00	20.83	22.00	20.83	22.00		20.00	100
		40	5200	20.90	22.00	20.90	22.00	20.90	22.00		20.00	
		44	5220	20.96	22.00	20.96	22.00	20.96	22.00		20.00	
		48	5240	21.05	22.00	21.05	22.00	21.05	22.00		20.00	
	802.11ac-VHT40 MCS0	38	5190	19.05	20.00	19.05	20.00	19.05	20.00		20.00	100
		46	5230	21.09	22.00	21.09	22.00	21.09	22.00		20.00	
	802.11ac-VHT80 MCS0	42	5210	18.39	20.00	18.39	20.00	18.39	20.00		20.00	100
	802.11ax-HE20 MCS0	36	5180	21.23	23.00	21.23	23.00	21.23	23.00		20.00	100
		40	5200	21.15	23.00	21.15	23.00	21.15	23.00		20.00	
		44	5220	21.25	23.00	21.25	23.00	21.25	23.00		20.00	
		48	5240	21.33	23.00	21.33	23.00	21.33	23.00		20.00	
	802.11ax-HE40 MCS0	38	5190	19.10	20.00	19.10	20.00	19.10	20.00		20.00	100
		46	5230	21.36	23.00	21.36	23.00	21.36	23.00		20.00	
	802.11ax-HE80 MCS0	42	5210	18.45	20.00	18.45	20.00	18.45	20.00		20.00	100

Ant 7+9				For Hotspot simultaneous_2TX		For Hotspot simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.81	22.00	Not Required	20.00	98.97
		40	5200	20.83	22.00		20.00	
		44	5220	20.85	22.00		20.00	
		48	5240	20.90	22.00		20.00	
	802.11n-HT20 MCS0	36	5180	20.76	22.00		20.00	100
		40	5200	20.94	22.00		20.00	
		44	5220	21.09	22.00		20.00	
		48	5240	21.14	22.00		20.00	
	802.11n-HT40 MCS0	38	5190	19.00	20.00		20.00	100
		46	5230	21.30	23.00		20.00	
	802.11ac-VHT20 MCS0	36	5180	20.83	22.00		20.00	100
		40	5200	20.90	22.00		20.00	
		44	5220	20.96	22.00		20.00	
		48	5240	21.05	22.00		20.00	
	802.11ac-VHT40 MCS0	38	5190	19.05	20.00		20.00	100
		46	5230	21.09	22.00		20.00	
	802.11ac-VHT80 MCS0	42	5210	18.39	20.00	18.39	20.00	100
	802.11ax-HE20 MCS0	36	5180	21.23	23.00	Not Required	20.00	100
		40	5200	21.15	23.00		20.00	
		44	5220	21.25	23.00		20.00	
		48	5240	21.33	23.00		20.00	
	802.11ax-HE40 MCS0	38	5190	19.10	20.00		20.00	100
		46	5230	21.36	23.00		20.00	
	802.11ax-HE80 MCS0	42	5210	18.45	20.00		20.00	100

Ant 7+9				Full Power/Handheld		For Head standalone		For Head DBS		For Head simultaneous_2TX		For Head simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	21.30	23.00	Not Required	17.00	Not Required	15.00	Not Required	13.50	Not Required	11.00	98.97
		56	5280	21.31	23.00		17.00		15.00		13.50		11.00	
		60	5300	21.29	23.00		17.00		15.00		13.50		11.00	
		64	5320	21.27	23.00		17.00		15.00		13.50		11.00	
	802.11n-HT20 MCS0	52	5260	21.62	23.00		17.00		15.00		13.50		11.00	100
		56	5280	21.58	23.00		17.00		15.00		13.50		11.00	
		60	5300	21.62	23.00		17.00		15.00		13.50		11.00	
		64	5320	21.65	23.00		17.00		15.00		13.50		11.00	
	802.11n-HT40 MCS0	54	5270	21.72	23.00		17.00		15.00		13.50		11.00	100
		62	5310	19.59	21.00		17.00		15.00		13.50		11.00	
	802.11ac-VHT20 MCS0	52	5260	21.46	22.50		17.00		15.00		13.50		11.00	100
		56	5280	21.41	22.50		17.00		15.00		13.50		11.00	
		60	5300	21.42	22.50		17.00		15.00		13.50		11.00	
		64	5320	21.49	22.50		17.00		15.00		13.50		11.00	
	802.11ac-VHT40 MCS0	54	5270	21.58	22.50		17.00		15.00		13.50		11.00	100
		62	5310	19.63	21.00		17.00		15.00		13.50		11.00	
	802.11ac-VHT80 MCS0	58	5290	19.06	20.50	15.65	17.00	13.33	15.00	11.90	13.50	9.62	11.00	100
	802.11ac-VHT160 MCS0	50	5250	18.24	20.00	Not Required	17.00	Not Required	15.00	Not Required	13.50	Not Required	11.00	100
	802.11ax-HE20 MCS0	52	5260	21.73	23.00		17.00		15.00		13.50		11.00	100
		56	5280	21.74	23.00		17.00		15.00		13.50		11.00	
		60	5300	21.74	23.00		17.00		15.00		13.50		11.00	
		64	5320	21.79	23.00		17.00		15.00		13.50		11.00	
	802.11ax-HE40 MCS0	54	5270	21.84	23.00		17.00		15.00		13.50		11.00	100
		62	5310	19.70	21.00		17.00		15.00		13.50		11.00	
	802.11ax-HE80 MCS0	58	5290	19.12	21.00		17.00		15.00		13.50		11.00	100
	802.11ax-HE160 MCS0	50	5250	18.29	21.00		17.00		15.00		13.50		11.00	100

Ant 7+9				For Body-worn standalone		For Body-worn DBS		For Body simultaneous_2TX		For Body-worn simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	21.30	23.00	21.30	23.00	21.30	23.00	Not Required	20.00	98.97
		56	5280	21.31	23.00	21.31	23.00	21.31	23.00		20.00	
		60	5300	21.29	23.00	21.29	23.00	21.29	23.00		20.00	
		64	5320	21.27	23.00	21.27	23.00	21.27	23.00		20.00	
	802.11n-HT20 MCS0	52	5260	21.62	23.00	21.62	23.00	21.62	23.00		20.00	100
		56	5280	21.58	23.00	21.58	23.00	21.58	23.00		20.00	
		60	5300	21.62	23.00	21.62	23.00	21.62	23.00		20.00	
		64	5320	21.65	23.00	21.65	23.00	21.65	23.00		20.00	
	802.11n-HT40 MCS0	54	5270	21.72	23.00	21.72	23.00	21.72	23.00		20.00	100
		62	5310	19.59	21.00	19.59	21.00	19.59	21.00		20.00	
	802.11ac-VHT20 MCS0	52	5260	21.46	22.50	21.46	22.50	21.46	22.50		20.00	100
		56	5280	21.41	22.50	21.41	22.50	21.41	22.50		20.00	
		60	5300	21.42	22.50	21.42	22.50	21.42	22.50		20.00	
		64	5320	21.49	22.50	21.49	22.50	21.49	22.50		20.00	
	802.11ac-VHT40 MCS0	54	5270	21.58	22.50	21.58	22.50	21.58	22.50		20.00	100
		62	5310	19.63	21.00	19.63	21.00	19.63	21.00		20.00	
	802.11ac-VHT80 MCS0	58	5290	19.06	20.50	19.06	20.50	19.06	20.50	18.80	20.00	100
	802.11ac-VHT160	50	5250	18.24	20.00	18.24	20.00	18.24	20.00	Not Required	20.00	100
	802.11ax-HE20 MCS0	52	5260	21.73	23.00	21.73	23.00	21.73	23.00		20.00	100
		56	5280	21.74	23.00	21.74	23.00	21.74	23.00		20.00	
		60	5300	21.74	23.00	21.74	23.00	21.74	23.00		20.00	
		64	5320	21.79	23.00	21.79	23.00	21.79	23.00		20.00	
	802.11ax-HE40 MCS0	54	5270	21.84	23.00	21.84	23.00	21.84	23.00		20.00	100
		62	5310	19.70	21.00	19.70	21.00	19.70	21.00		20.00	
	802.11ax-HE80 MCS0	58	5290	19.12	21.00	19.12	21.00	19.12	21.00		20.00	100
	802.11ax-HE160 MCS0	50	5250	18.29	21.00	18.29	21.00	18.29	21.00		20.00	100

Ant 7+9				Full Power/Handheld		For Head standalone		For Head DBS		For Head simultaneous_2TX		For Head simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.50	21.00	Not Required	15.00	Not Required	13.00	Not Required	12.50	Not Required	9.50	98.97
		116	5580	19.72	21.00		15.00		13.00		12.50		9.50	
		124	5620	19.56	21.00		15.00		13.00		12.50		9.50	
		132	5660	19.61	21.00		15.00		13.00		12.50		9.50	
		140	5700	19.57	21.00		15.00		13.00		12.50		9.50	
		144	5720	19.56	21.00		15.00		13.00		12.50		9.50	
	802.11n-HT20 MCS0	100	5500	19.37	21.00		15.00		13.00		12.50		9.50	100
		116	5580	19.55	21.00		15.00		13.00		12.50		9.50	
		124	5620	19.47	21.00		15.00		13.00		12.50		9.50	
		132	5660	19.68	21.00		15.00		13.00		12.50		9.50	
		140	5700	19.50	21.00		15.00		13.00		12.50		9.50	
		144	5720	19.52	21.00		15.00		13.00		12.50		9.50	
	802.11n-HT40 MCS0	102	5510	19.79	21.00		15.00		13.00		12.50		9.50	100
		110	5550	19.79	21.00		15.00		13.00		12.50		9.50	
		126	5630	19.88	21.00		15.00		13.00		12.50		9.50	
		134	5670	19.77	21.00		15.00		13.00		12.50		9.50	
		142	5710	20.01	21.00		15.00		13.00		12.50		9.50	
	802.11ac-VHT20 MCS0	100	5500	19.35	21.00		15.00		13.00		12.50		9.50	100
		116	5580	19.42	21.00		15.00		13.00		12.50		9.50	
		124	5620	19.65	21.00		15.00		13.00		12.50		9.50	
		132	5660	19.62	21.00		15.00		13.00		12.50		9.50	
		140	5700	19.48	21.00		15.00		13.00		12.50		9.50	
		144	5720	19.52	21.00		15.00		13.00		12.50		9.50	
	802.11ac-VHT40 MCS0	102	5510	19.65	21.00		15.00		13.00		12.50		9.50	100
		110	5550	19.69	21.00		15.00		13.00		12.50		9.50	
		126	5630	19.75	21.00		15.00		13.00		12.50		9.50	
		134	5670	19.57	21.00		15.00		13.00		12.50		9.50	
		142	5710	19.86	21.00		15.00		13.00		12.50		9.50	
	802.11ac-VHT80 MCS0	106	5530	19.53	21.00	13.49	15.00	11.60	13.00	11.12	12.50	8.02	9.50	100
		122	5610	19.50	21.00	13.45	15.00	11.47	13.00	11.09	12.50	7.93	9.50	
		138	5690	19.64	21.00	13.54	15.00	11.63	13.00	11.16	12.50	8.05	9.50	
	802.11ac-VHT160 MCS0	114	5570	18.02	20.00	Not Required	15.00	Not Required	13.00	Not Required	12.50	Not Required	9.50	100
	802.11ax-HE20 MCS0	100	5500	19.77	21.00		15.00		13.00		12.50		9.50	100
		116	5580	19.82	21.00		15.00		13.00		12.50		9.50	
		124	5620	20.00	21.00		15.00		13.00		12.50		9.50	
		132	5660	19.93	21.00		15.00		13.00		12.50		9.50	
		140	5700	20.10	21.00		15.00		13.00		12.50		9.50	
		144	5720	20.18	21.00		15.00		13.00		12.50		9.50	
	802.11ax-HE40 MCS0	102	5510	19.97	21.00		15.00		13.00		12.50		9.50	100
		110	5550	19.92	21.00		15.00		13.00		12.50		9.50	
		126	5630	20.03	21.00		15.00		13.00		12.50		9.50	
		134	5670	19.96	21.00		15.00		13.00		12.50		9.50	
		142	5710	20.27	21.00		15.00		13.00		12.50		9.50	
	802.11ax-HE80 MCS0	106	5530	19.96	21.00		15.00		13.00		12.50		9.50	100
		122	5610	19.93	21.00		15.00		13.00		12.50		9.50	
		138	5690	20.04	21.00		15.00		13.00		12.50		9.50	
	802.11ax-HE160 MCS0	114	5570	18.08	20.00		15.00		13.00		12.50		9.50	100

Ant 7+9				For Body-worn standalone		For Body-worn DBS		For Body simultaneous_2TX		For Body-worn simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.50	21.00	19.50	21.00	19.50	21.00	Not Required	19.00	98.97
		116	5580	19.72	21.00	19.72	21.00	19.72	21.00		19.00	
		124	5620	19.56	21.00	19.56	21.00	19.56	21.00		19.00	
		132	5660	19.61	21.00	19.61	21.00	19.61	21.00		19.00	
		140	5700	19.57	21.00	19.57	21.00	19.57	21.00		19.00	
		144	5720	19.56	21.00	19.56	21.00	19.56	21.00		19.00	
	802.11n-HT20 MCS0	100	5500	19.37	21.00	19.37	21.00	19.37	21.00		19.00	100
		116	5580	19.55	21.00	19.55	21.00	19.55	21.00		19.00	
		124	5620	19.47	21.00	19.47	21.00	19.47	21.00		19.00	
		132	5660	19.68	21.00	19.68	21.00	19.68	21.00		19.00	
		140	5700	19.50	21.00	19.50	21.00	19.50	21.00		19.00	
		144	5720	19.52	21.00	19.52	21.00	19.52	21.00		19.00	
	802.11n-HT40 MCS0	102	5510	19.79	21.00	19.79	21.00	19.79	21.00		19.00	100
		110	5550	19.79	21.00	19.79	21.00	19.79	21.00		19.00	
		126	5630	19.88	21.00	19.88	21.00	19.88	21.00		19.00	
		134	5670	19.77	21.00	19.77	21.00	19.77	21.00		19.00	
		142	5710	20.01	21.00	20.01	21.00	20.01	21.00		19.00	
	802.11ac-VHT20 MCS0	100	5500	19.35	21.00	19.35	21.00	19.35	21.00		19.00	100
		116	5580	19.42	21.00	19.42	21.00	19.42	21.00		19.00	
		124	5620	19.65	21.00	19.65	21.00	19.65	21.00		19.00	
		132	5660	19.62	21.00	19.62	21.00	19.62	21.00		19.00	
		140	5700	19.48	21.00	19.48	21.00	19.48	21.00		19.00	
		144	5720	19.52	21.00	19.52	21.00	19.52	21.00		19.00	
	802.11ac-VHT40 MCS0	102	5510	19.65	21.00	19.65	21.00	19.65	21.00		19.00	100
		110	5550	19.69	21.00	19.69	21.00	19.69	21.00		19.00	
		126	5630	19.75	21.00	19.75	21.00	19.75	21.00		19.00	
		134	5670	19.57	21.00	19.57	21.00	19.57	21.00		19.00	
		142	5710	19.86	21.00	19.86	21.00	19.86	21.00		19.00	
	802.11ac-VHT80 MCS0	106	5530	19.53	21.00	19.53	21.00	19.53	21.00	17.55	19.00	100
		122	5610	19.50	21.00	19.50	21.00	19.50	21.00	17.39	19.00	
		138	5690	19.64	21.00	19.64	21.00	19.64	21.00	17.56	19.00	
	802.11ac-VHT160	114	5570	18.02	20.00	18.02	20.00	18.02	20.00	Not Required	19.00	100
	802.11ax-HE20 MCS0	100	5500	19.77	21.00	19.77	21.00	19.77	21.00		19.00	100
		116	5580	19.82	21.00	19.82	21.00	19.82	21.00		19.00	
		124	5620	20.00	21.00	20.00	21.00	20.00	21.00		19.00	
		132	5660	19.93	21.00	19.93	21.00	19.93	21.00		19.00	
		140	5700	20.10	21.00	20.10	21.00	20.10	21.00		19.00	
		144	5720	20.18	21.00	20.18	21.00	20.18	21.00		19.00	
	802.11ax-HE40 MCS0	102	5510	19.97	21.00	19.97	21.00	19.97	21.00		19.00	100
		110	5550	19.92	21.00	19.92	21.00	19.92	21.00		19.00	
		126	5630	20.03	21.00	20.03	21.00	20.03	21.00		19.00	
		134	5670	19.96	21.00	19.96	21.00	19.96	21.00		19.00	
		142	5710	20.27	21.00	20.27	21.00	20.27	21.00		19.00	
	802.11ax-HE80 MCS0	106	5530	19.96	21.00	19.96	21.00	19.96	21.00		19.00	100
		122	5610	19.93	21.00	19.93	21.00	19.93	21.00		19.00	
		138	5690	20.04	21.00	20.04	21.00	20.04	21.00		19.00	
	802.11ax-HE160 MCS0	114	5570	18.08	20.00	18.08	20.00	18.08	20.00		19.00	100

Ant 7+9				Full Power/Handheld		For Head standalone		For Head DBS		For Head simultaneous_2TX		For Head simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.80	22.00	Not Required	16.00	Not Required	13.50	Not Required	11.50	Not Required	9.00	98.97
		157	5785	20.70	22.00		16.00		13.50		11.50		9.00	
		165	5825	20.55	22.00		16.00		13.50		11.50		9.00	
	802.11n-HT20 MCS0	149	5745	20.86	22.00		16.00		13.50		11.50		9.00	100
		157	5785	21.08	22.00		16.00		13.50		11.50		9.00	
		165	5825	20.78	22.00		16.00		13.50		11.50		9.00	
	802.11n-HT40 MCS0	151	5755	21.10	22.00		16.00		13.50		11.50		9.00	100
		159	5795	21.04	22.00		16.00		13.50		11.50		9.00	
	802.11ac-VHT20 MCS0	149	5745	20.63	22.00		16.00		13.50		11.50		9.00	100
		157	5785	20.77	22.00		16.00		13.50		11.50		9.00	
		165	5825	20.35	22.00		16.00		13.50		11.50		9.00	
	802.11ac-VHT40 MCS0	151	5755	20.89	22.00		16.00		13.50		11.50		9.00	100
		159	5795	20.99	22.00		16.00		13.50		11.50		9.00	
	802.11ac-VHT80 MCS0	155	5775	20.04	21.00	14.99	16.00	12.49	13.50	10.54	11.50	8.14	9.00	100
	802.11ax-HE20 MCS0	149	5745	21.32	22.00	Not Required	16.00	Not Required	13.50	Not Required	11.50	Not Required	9.00	100
		157	5785	21.31	22.00		16.00		13.50		11.50		9.00	
		165	5825	21.07	22.00		16.00		13.50		11.50		9.00	
	802.11ax-HE40 MCS0	151	5755	21.48	22.00		16.00		13.50		11.50		9.00	100
		159	5795	21.47	22.00		16.00		13.50		11.50		9.00	
	802.11ax-HE80 MCS0	155	5775	20.48	21.50		16.00		13.50		11.50		9.00	100

Ant 7+9				For Body-worn standalone		For Body-worn DBS		For Body simultaneous_2TX		For Body-worn simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.80	22.00	20.80	22.00	Not Required	20.00	Not Required	18.00	98.97
		157	5785	20.70	22.00	20.70	22.00		20.00		18.00	
		165	5825	20.55	22.00	20.55	22.00		20.00		18.00	
	802.11n-HT20 MCS0	149	5745	20.86	22.00	20.86	22.00		20.00		18.00	100
		157	5785	21.08	22.00	21.08	22.00		20.00		18.00	
		165	5825	20.78	22.00	20.78	22.00		20.00		18.00	
	802.11n-HT40 MCS0	151	5755	21.10	22.00	21.10	22.00		20.00		18.00	100
		159	5795	21.04	22.00	21.04	22.00		20.00		18.00	
	802.11ac-VHT20 MCS0	149	5745	20.63	22.00	20.63	22.00		20.00		18.00	100
		157	5785	20.77	22.00	20.77	22.00		20.00		18.00	
		165	5825	20.35	22.00	20.35	22.00		20.00		18.00	
	802.11ac-VHT40 MCS0	151	5755	20.89	22.00	20.89	22.00		20.00		18.00	100
		159	5795	20.99	22.00	20.99	22.00		20.00		18.00	
	802.11ac-VHT80 MCS0	155	5775	20.04	21.00	20.04	21.00	19.12	20.00	17.09	18.00	100
	802.11ax-HE20 MCS0	149	5745	21.32	22.00	21.32	22.00	Not Required	20.00	Not Required	18.00	100
		157	5785	21.31	22.00	21.31	22.00		20.00		18.00	
		165	5825	21.07	22.00	21.07	22.00		20.00		18.00	
	802.11ax-HE40 MCS0	151	5755	21.48	22.00	21.48	22.00		20.00		18.00	100
		159	5795	21.47	22.00	21.47	22.00		20.00		18.00	
	802.11ax-HE80 MCS0	155	5775	20.48	21.50	20.48	21.50		20.00		18.00	100

Ant 1+2				For Hotspot simultaneous_2TX		For Hotspot simultaneous_3TX		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	18.00	Not Required	16.00	98.97
		157	5785		18.00		16.00	
		165	5825		18.00		16.00	
	802.11n-HT20 MCS0	149	5745		18.00		16.00	100
		157	5785		18.00		16.00	
		165	5825		18.00		16.00	
	802.11n-HT40 MCS0	151	5755		18.00		16.00	100
		159	5795		18.00		16.00	
	802.11ac-VHT20 MCS0	149	5745		18.00		16.00	100
		157	5785		18.00		16.00	
		165	5825		18.00		16.00	
	802.11ac-VHT40 MCS0	151	5755		18.00		16.00	100
		159	5795		18.00		16.00	
	802.11ac-VHT80 MCS0	155	5775	17.09	18.00	14.99	16.00	100
	802.11ax-HE20 MCS0	149	5745	Not Required	18.00	Not Required	16.00	100
		157	5785		18.00		16.00	
		165	5825		18.00		16.00	
	802.11ax-HE40 MCS0	151	5755		18.00		16.00	100
		159	5795		18.00		16.00	
	802.11ax-HE80 MCS0	155	5775		18.00		16.00	100

Full Power

BT BR/EDR_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.32	14.34	14.38
	CH 39	2441	14.95	15.26	15.08
	CH 78	2480	14.69	14.21	14.16
Tune-up Limit			16.00	16.00	16.00

BT LE_Ant7			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	8.19
	CH 19	2440	9.23
	CH 39	2480	8.32
Tune-up Limit			10.50

BT 5.0_Ant7			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	8.37
	CH 19	2440	9.26
	CH 39	2480	8.50
Tune-up Limit			10.5

BT BR/EDR_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	13.50	13.59	13.55
	CH 39	2441	14.12	14.30	14.27
	CH 78	2480	13.56	13.23	13.49
Tune-up Limit			15.00	15.00	15.00

BT LE_Ant9			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	8.26
	CH 19	2440	9.05
	CH 39	2480	7.77
Tune-up Limit			10.00

BT 5.0_Ant9			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	7.96
	CH 19	2440	9.12
	CH 39	2480	8.18
Tune-up Limit			10.00

simultaneous

BT BR/EDR_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.37	10.31	10.30
	CH 39	2441	10.99	11.32	11.10
	CH 78	2480	10.71	10.18	10.21
Tune-up Limit			12.00	12.00	12.00

BT LE_Ant7			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	8.19
	CH 19	2440	9.23
	CH 39	2480	8.32
Tune-up Limit			10.50

BT 5.0_Ant7			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	8.37
	CH 19	2440	9.26
	CH 39	2480	8.50
Tune-up Limit			10.5

BT BR/EDR_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.58	8.65	8.62
	CH 39	2441	9.23	9.40	9.36
	CH 78	2480	8.45	8.13	8.41
Tune-up Limit			10.00	10.00	10.00

BT LE_Ant9			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	8.26
	CH 19	2440	9.05
	CH 39	2480	7.77
Tune-up Limit			10.00

BT 5.0_Ant9			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	7.96
	CH 19	2440	9.12
	CH 39	2480	8.18
Tune-up Limit			10.00