10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
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	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	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	AAD	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	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	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	AAE	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	AAD	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	AAD	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	AAD	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	AAD	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	AAD	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	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	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	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	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	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	AAC	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 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6 %
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %

10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 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/Default Power for WWAN

GSM850_Ant 0	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	33.46	33.43	33.39	**34.00**	24.46	24.43	24.39	25.00
GPRS 1 Tx slot	33.44	33.38	33.36	**34.00**	24.44	24.38	24.36	25.00
GPRS 2 Tx slots	30.15	30.18	30.04	**31.00**	24.15	24.18	24.04	25.00
GPRS 3 Tx slots	28.30	28.35	28.12	**29.00**	24.04	24.09	23.86	24.74
GPRS 4 Tx slots	26.65	26.72	26.36	**28.00**	23.65	23.72	23.36	25.00
EDGE 1 Tx slot	26.48	26.45	26.33	**27.50**	17.48	17.45	17.33	18.50
EDGE 2 Tx slots	23.75	23.82	23.74	**24.50**	17.75	17.82	17.74	18.50
EDGE 3 Tx slots	22.02	21.95	21.99	**22.50**	17.76	17.69	17.73	18.24
EDGE 4 Tx slots	20.60	20.49	20.46	**21.50**	17.60	17.49	17.46	18.50

GSM850_Ant 1	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	32.17	32.16	32.05	**34.00**	23.17	23.16	23.05	25.00
GPRS 1 Tx slot	32.08	32.10	32.12	**34.00**	23.08	23.10	23.12	25.00
GPRS 2 Tx slots	29.37	29.33	29.28	**31.00**	23.37	23.33	23.28	25.00
GPRS 3 Tx slots	27.64	28.03	28.06	**29.00**	23.38	23.77	23.80	24.74
GPRS 4 Tx slots	26.08	26.31	26.21	**28.00**	23.08	23.31	23.21	25.00
EDGE 1 Tx slot	25.82	25.55	25.93	**27.50**	16.82	16.55	16.93	18.50
EDGE 2 Tx slots	22.97	22.91	22.97	**24.50**	16.97	16.91	16.97	18.50
EDGE 3 Tx slots	21.49	21.09	21.16	**22.50**	17.23	16.83	16.90	18.24
EDGE 4 Tx slots	19.91	20.00	19.72	**21.50**	16.91	17.00	16.72	18.50

GSM1900_Ant 2	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	30.61	30.62	30.58	**31.00**	21.61	21.62	21.58	22.00
GPRS 1 Tx slot	30.52	30.56	30.48	**31.00**	21.52	21.56	21.48	22.00
GPRS 2 Tx slots	27.13	27.36	27.31	**28.00**	21.13	21.36	21.31	22.00
GPRS 3 Tx slots	25.18	25.26	25.33	**26.00**	20.92	21.00	21.07	21.74
GPRS 4 Tx slots	24.66	24.69	24.65	**25.00**	21.66	21.69	21.65	22.00
EDGE 1 Tx slot	25.93	26.01	26.04	**26.50**	16.93	17.01	17.04	17.50
EDGE 2 Tx slots	22.84	23.17	23.23	**23.50**	16.84	17.17	17.23	17.50
EDGE 3 Tx slots	21.19	21.25	21.42	**21.50**	16.93	16.99	17.16	17.24
EDGE 4 Tx slots	19.59	19.65	19.87	**20.50**	16.59	16.65	16.87	17.50

GSM1900_Ant 1	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	29.18	29.27	29.23	**29.50**	20.18	20.27	20.23	20.50
GPRS 1 Tx slot	29.15	29.23	29.19	**29.50**	20.15	20.23	20.19	20.50
GPRS 2 Tx slots	25.81	25.89	25.87	**26.50**	19.81	16.89	19.87	20.50
GPRS 3 Tx slots	23.76	24.01	23.89	**24.50**	19.50	19.75	19.63	20.24
GPRS 4 Tx slots	22.64	22.69	22.66	**23.50**	19.64	19.69	19.66	20.50
EDGE 1 Tx slot	24.49	24.54	24.51	**25.50**	15.49	15.54	15.51	16.50
EDGE 2 Tx slots	21.60	21.71	21.65	**22.50**	15.60	15.71	15.65	16.50
EDGE 3 Tx slots	19.65	19.71	19.68	**20.50**	15.39	15.45	15.42	16.24
EDGE 4 Tx slots	18.21	18.30	18.27	**19.50**	15.21	15.30	15.27	16.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.52	24.64	24.65	**25.00**	23.03	23.24	23.18	**24.00**
3GPP Rel 99	RMC 12.2Kbps	24.53	24.67	24.66	**25.00**	23.09	23.26	23.22	**24.00**
3GPP Rel 6	HSDPA Subtest-1	23.43	23.52	23.46	**24.00**	22.07	22.13	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	23.45	23.51	23.48	**24.00**	22.17	22.22	22.13	**23.00**
3GPP Rel 6	HSDPA Subtest-3	22.98	22.99	22.97	**23.50**	21.68	21.58	21.57	**22.50**
3GPP Rel 6	HSDPA Subtest-4	22.94	23.02	22.96	**23.50**	21.61	21.68	21.65	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	23.30	23.40	23.30	**24.00**	22.10	22.09	21.69	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	23.27	23.37	23.22	**24.00**	22.07	21.99	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.80	22.76	**23.50**	21.61	21.59	20.98	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.80	22.71	**23.50**	21.40	21.49	20.95	**22.50**
3GPP Rel 6	HSUPA Subtest-1	23.49	23.54	23.52	**24.00**	22.09	22.02	22.13	**23.00**
3GPP Rel 6	HSUPA Subtest-2	21.46	21.47	21.50	**22.00**	20.01	20.01	20.03	**21.00**
3GPP Rel 6	HSUPA Subtest-3	22.45	22.56	22.51	**23.00**	20.97	21.09	21.04	**22.00**
3GPP Rel 6	HSUPA Subtest-4	21.44	21.52	21.51	**22.00**	19.94	20.13	20.13	**21.00**
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.60	**24.00**	21.95	22.10	22.15	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.42	20.51	20.53	**21.50**	19.56	19.71	19.79	**20.50**

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.28	24.37	24.33	**25.00**	23.09	23.20	23.15	**24.00**
3GPP Rel 99	RMC 12.2Kbps	24.29	24.39	24.38	**25.00**	23.14	23.26	23.24	**24.00**
3GPP Rel 6	HSDPA Subtest-1	23.16	23.24	23.19	**24.00**	22.15	22.26	22.21	**23.00**
3GPP Rel 6	HSDPA Subtest-2	23.14	23.25	23.21	**24.00**	22.19	22.21	22.17	**23.00**
3GPP Rel 6	HSDPA Subtest-3	22.66	22.75	22.71	**23.50**	21.62	21.75	21.65	**22.50**
3GPP Rel 6	HSDPA Subtest-4	22.59	22.78	22.65	**23.50**	21.63	21.76	21.63	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.09	22.98	**24.00**	21.88	21.68	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	23.21	23.10	22.98	**24.00**	21.76	21.66	21.81	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.71	22.60	22.44	**23.50**	21.26	21.18	21.29	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.58	22.46	**23.50**	21.23	21.18	21.23	**22.50**
3GPP Rel 6	HSUPA Subtest-1	23.20	23.26	23.28	**24.00**	22.16	22.22	22.18	**23.00**
3GPP Rel 6	HSUPA Subtest-2	21.21	21.25	21.28	**22.00**	20.18	20.32	20.28	**21.00**
3GPP Rel 6	HSUPA Subtest-3	22.24	22.24	22.27	**23.00**	21.19	21.30	21.21	**22.00**
3GPP Rel 6	HSUPA Subtest-4	21.22	21.26	21.25	**22.00**	20.29	20.30	20.19	**21.00**
3GPP Rel 6	HSUPA Subtest-5	23.20	23.30	23.30	**24.00**	22.19	22.24	22.29	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.01	20.24	20.25	**21.50**	19.97	20.03	19.93	**20.50**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	24.29	24.31	24.25	**25.50**	24.38	24.41	24.31	**25.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.34	24.26	**25.50**	24.41	24.48	24.39	**25.50**
3GPP Rel 6	HSDPA Subtest-1	23.28	23.31	23.25	**24.50**	23.42	23.49	23.32	**24.50**
3GPP Rel 6	HSDPA Subtest-2	23.30	23.28	23.26	**24.50**	23.41	23.47	23.45	**24.50**
3GPP Rel 6	HSDPA Subtest-3	22.73	22.75	22.72	**24.00**	22.91	22.96	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-4	22.73	22.75	22.71	**24.00**	22.86	23.01	22.94	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.22	23.11	**24.50**	23.42	23.34	23.38	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.20	23.09	**24.50**	23.33	23.33	23.36	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.75	22.68	**24.00**	22.86	22.87	22.83	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.65	22.70	22.60	**24.00**	22.79	22.92	22.94	**24.00**
3GPP Rel 6	HSUPA Subtest-1	23.23	23.27	23.21	**24.50**	23.45	23.56	23.38	**24.50**
3GPP Rel 6	HSUPA Subtest-2	21.28	21.30	21.22	**22.50**	21.42	21.46	21.42	**22.50**
3GPP Rel 6	HSUPA Subtest-3	22.25	22.26	22.21	**23.50**	22.47	22.48	22.38	**23.50**
3GPP Rel 6	HSUPA Subtest-4	21.23	21.25	21.15	**22.50**	21.39	21.44	21.35	**22.50**
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.20	**24.50**	23.46	23.56	23.50	**24.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.10	21.06	**22.00**	21.20	21.18	21.13	**22.00**

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.16	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.68	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.01	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.41	23.5	2
20	64QAM	1	49	22.42	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.18	21.06	22.5	3
20	64QAM	50	24	21.16	20.99	21.12		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
20	256QAM	1	0	19.35	19.37	19.34	20.5	5
20	256QAM	1	49	19.38	19.50	19.58		
20	256QAM	1	99	19.33	19.35	19.51		
20	256QAM	50	0	19.28	19.36	19.32		
20	256QAM	50	24	19.26	19.10	19.26		
20	256QAM	50	50	19.34	19.27	19.35		
20	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.12		
15	QPSK	36	39	23.04	23.16	23.10		
15	QPSK	75	0	23.14	23.10	23.21		
15	16QAM	1	0	23.27	23.15	23.35	24.5	1
15	16QAM	1	37	23.65	22.97	23.45		
15	16QAM	1	74	23.55	23.26	23.78		
15	16QAM	36	0	22.05	22.03	22.18	23.5	2
15	16QAM	36	20	21.93	21.95	22.05		
15	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36	23.5	2
15	64QAM	1	37	22.09	22.10	21.85		
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03	22.5	3
15	64QAM	36	20	20.98	20.93	21.09		
15	64QAM	36	39	21.03	21.03	21.08		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	24.10	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.09		
10	QPSK	1	49	24.08	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.96	23.03		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	QPSK	1	0	23.26	23.02	23.38	24.5	1
10	16QAM	1	25	23.62	22.85	23.40		
10	16QAM	1	49	23.54	23.27	23.60		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	22.21	21.91	22.06		
10	16QAM	25	25	22.19	22.05	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	16QAM	1	0	22.21	21.79	22.37		
10	64QAM	1	25	22.22	22.21	22.08	23.5	2
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.03	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.99	21.21		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	25	19.23	19.60	19.54		
10	256QAM	1	49	19.13	19.26	19.39		
10	256QAM	25	0	19.17	19.26	19.08	20.5	5
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.05		
5	QPSK	12	0	23.11	23.06	23.05	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.09	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.66		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.99	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.21		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.26	19.12	19.15		
5	256QAM	25	0	19.20	19.34	19.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.90	24.04	25.5	0
3	QPSK	1	8	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.95	22.10		
3	16QAM	8	7	22.16	22.01	22.10		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	21.09	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.27	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.02		
1.4	QPSK	3	0	23.95	23.95	23.92	24.5	1
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.95	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.36		
1.4	16QAM	1	5	23.56	23.20	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.66	23.34		
1.4	16QAM	3	3	23.45	23.15	23.55		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.95	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.11		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.19	24.28	24.22	25.5	0
20	QPSK	1	49	23.98	24.10	24.06		
20	QPSK	1	99	23.93	24.06	24.05		
20	QPSK	50	0	23.24	23.31	23.24	24.5	1
20	QPSK	50	24	23.17	23.12	23.03		
20	QPSK	50	50	23.16	23.18	23.05		
20	QPSK	100	0	23.21	23.30	23.20		
20	16QAM	1	0	23.22	22.95	23.23	24.5	1
20	16QAM	1	49	23.61	22.75	23.56		
20	16QAM	1	99	23.31	23.43	23.40		
20	16QAM	50	0	22.12	22.12	22.20	23.5	2
20	16QAM	50	24	22.07	22.20	22.16		
20	16QAM	50	50	22.12	22.10	22.23		
20	16QAM	100	0	22.02	22.10	22.12		
20	64QAM	1	0	22.11	22.50	22.11	23.5	2
20	64QAM	1	49	22.34	22.26	22.03		
20	64QAM	1	99	22.03	22.07	21.99		
20	64QAM	50	0	21.13	21.17	21.12	22.5	3
20	64QAM	50	24	21.20	21.22	21.08		
20	64QAM	50	50	21.13	21.25	21.25		
20	64QAM	100	0	21.11	21.16	21.01		
20	256QAM	1	0	19.31	19.34	19.32	20.5	5
20	256QAM	1	49	19.47	19.60	19.53		
20	256QAM	1	99	19.50	19.60	19.48		
20	256QAM	50	0	19.32	19.42	19.21		
20	256QAM	50	24	19.23	19.30	19.30		
20	256QAM	50	50	19.36	19.41	19.34		
20	256QAM	100	0	19.28	19.41	19.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.06	24.06	24.08	25.5	0
15	QPSK	1	37	23.98	23.94	24.03		
15	QPSK	1	74	23.97	23.91	23.97		
15	QPSK	36	0	23.17	23.14	22.99	24.5	1
15	QPSK	36	20	23.09	22.95	23.00		
15	QPSK	36	39	23.04	23.12	22.93		
15	QPSK	75	0	22.98	23.07	22.96		
15	16QAM	1	0	23.14	22.79	23.08	24.5	1
15	16QAM	1	37	23.65	23.40	23.46		
15	16QAM	1	74	23.18	23.37	23.32		
15	16QAM	36	0	21.96	22.10	22.12	23.5	2
15	16QAM	36	20	22.00	22.11	22.00		
15	16QAM	36	39	22.03	21.88	21.97		
15	16QAM	75	0	21.92	22.00	22.09		
15	64QAM	1	0	21.97	22.43	22.04	23.5	2
15	64QAM	1	37	21.83	22.16	21.84		
15	64QAM	1	74	21.88	22.02	21.86		
15	64QAM	36	0	21.05	21.04	21.02	22.5	3
15	64QAM	36	20	20.96	21.08	21.03		
15	64QAM	36	39	21.04	21.15	21.10		
15	64QAM	75	0	20.96	21.07	20.97		
15	256QAM	1	0	17.36	19.27	19.30	20.5	5
15	256QAM	1	37	19.29	19.44	19.36		
15	256QAM	1	74	19.41	19.54	19.42		
15	256QAM	36	0	19.11	19.22	19.09	20.5	5
15	256QAM	36	20	19.14	19.24	19.19		
15	256QAM	36	39	19.12	19.26	19.30		
15	256QAM	75	0	19.21	19.12	19.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.91	24.08	24.03	25.5	0
10	QPSK	1	25	23.97	23.97	24.06		
10	QPSK	1	49	23.86	23.88	24.01		
10	QPSK	25	0	23.05	23.13	23.06	24.5	1
10	QPSK	25	12	23.01	22.91	23.07		
10	QPSK	25	25	23.11	23.02	22.97		
10	QPSK	50	0	23.03	23.16	23.06		
10	16QAM	1	0	23.01	22.92	23.15	24.5	1
10	16QAM	1	25	23.49	22.84	23.49		
10	16QAM	1	49	23.17	23.31	23.22		
10	16QAM	25	0	21.94	21.95	22.05	23.5	2
10	16QAM	25	12	22.03	21.86	22.10		
10	16QAM	25	25	21.95	21.88	22.10		
10	16QAM	50	0	22.00	22.03	22.11		
10	16QAM	1	0	22.08	22.48	22.00		
10	64QAM	1	25	22.03	22.10	21.96	23.5	2
10	64QAM	1	49	21.82	21.92	21.93		
10	64QAM	25	0	21.00	21.00	21.05	22.5	3
10	64QAM	25	12	21.01	21.07	21.00		
10	64QAM	25	25	20.91	21.10	21.15		
10	64QAM	50	0	21.06	21.13	21.03		
10	256QAM	1	0	19.17	19.15	19.16	20.5	5
10	256QAM	1	25	19.32	19.43	19.34		
10	256QAM	1	49	19.13	19.40	19.40		
10	256QAM	25	0	19.13	19.23	19.21		
10	256QAM	25	12	19.14	19.20	19.28		
10	256QAM	25	25	19.16	19.31	19.31		
10	256QAM	50	0	19.16	19.32	19.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.03	23.97	23.93	25.5	0
5	QPSK	1	12	23.97	23.90	23.93		
5	QPSK	1	24	23.77	23.96	24.09		
5	QPSK	12	0	23.24	23.19	22.99	24.5	1
5	QPSK	12	7	23.05	22.91	22.91		
5	QPSK	12	13	23.03	22.96	22.91		
5	QPSK	25	0	23.04	23.13	23.05		
5	16QAM	1	0	23.16	22.89	23.09	24.5	1
5	16QAM	1	12	23.40	22.75	23.51		
5	16QAM	1	24	23.29	23.31	23.32		
5	16QAM	12	0	22.01	21.89	22.05	23.5	2
5	16QAM	12	7	21.97	22.07	22.02		
5	16QAM	12	13	21.98	21.97	22.08		
5	16QAM	25	0	21.99	22.00	21.96		
5	64QAM	1	0	21.99	22.45	21.97	23.5	2
5	64QAM	1	12	22.13	22.07	21.95		
5	64QAM	1	24	21.99	22.25	21.88		
5	64QAM	12	0	21.04	21.08	21.06	22.5	3
5	64QAM	12	7	21.10	21.06	20.96		
5	64QAM	12	13	21.10	21.05	21.15		
5	64QAM	25	0	21.04	21.07	20.87		
5	256QAM	1	0	19.20	19.31	19.12	20.5	5
5	256QAM	1	12	19.39	19.47	19.27		
5	256QAM	1	24	19.18	19.50	19.39		
5	256QAM	12	0	19.18	19.32	19.10	20.5	5
5	256QAM	12	7	19.21	19.17	19.17		
5	256QAM	12	13	19.26	19.38	19.13		
5	256QAM	25	0	19.26	19.38	19.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.87	24.16	24.06	25.5	0
3	QPSK	1	8	23.95	23.98	24.07		
3	QPSK	1	14	23.96	23.87	23.92		
3	QPSK	8	0	23.12	23.02	22.93	24.5	1
3	QPSK	8	4	23.10	22.99	23.03		
3	QPSK	8	7	23.12	23.11	23.00		
3	QPSK	15	0	23.01	23.05	23.06		
3	16QAM	1	0	23.12	22.74	23.13	24.5	1
3	16QAM	1	8	23.59	22.85	23.59		
3	16QAM	1	14	23.23	23.33	23.27		
3	16QAM	8	0	21.93	21.96	22.15	23.5	2
3	16QAM	8	4	22.06	22.18	21.98		
3	16QAM	8	7	22.03	22.02	22.04		
3	16QAM	15	0	21.95	22.08	22.13		
3	64QAM	1	0	22.00	22.37	21.98	23.5	2
3	64QAM	1	8	21.99	22.25	21.82		
3	64QAM	1	14	21.86	21.97	21.87		
3	64QAM	8	0	21.00	20.97	21.10	22.5	3
3	64QAM	8	4	21.06	21.07	21.04		
3	64QAM	8	7	21.09	21.08	21.12		
3	64QAM	15	0	20.96	21.04	21.05		
3	256QAM	1	0	19.19	19.19	19.12	20.5	5
3	256QAM	1	8	19.16	19.46	19.45		
3	256QAM	1	14	19.37	19.47	19.43		
3	256QAM	8	0	19.12	19.33	19.10	20.5	5
3	256QAM	8	4	19.27	19.30	19.20		
3	256QAM	8	7	19.21	19.25	19.28		
3	256QAM	15	0	19.24	19.40	19.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.00	24.08	24.03	25.5	0
1.4	QPSK	1	3	23.91	23.84	23.99		
1.4	QPSK	1	5	23.87	23.87	23.99		
1.4	QPSK	3	0	23.81	23.95	23.91	24.5	1
1.4	QPSK	3	1	23.86	23.81	24.00		
1.4	QPSK	3	3	23.73	23.88	24.04		
1.4	QPSK	6	0	23.00	23.15	23.03	24.5	1
1.4	16QAM	1	0	23.21	22.85	23.06	24.5	1
1.4	16QAM	1	3	23.78	23.45	23.45		
1.4	16QAM	1	5	23.32	23.29	23.35		
1.4	16QAM	3	0	23.12	22.76	23.04		
1.4	16QAM	3	1	23.40	22.81	23.36		
1.4	16QAM	3	3	23.23	23.20	23.29		
1.4	16QAM	6	0	21.88	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.01	22.50	21.97	23.5	2
1.4	64QAM	1	3	22.02	22.06	21.86		
1.4	64QAM	1	5	21.81	21.85	21.81		
1.4	64QAM	3	0	22.01	22.29	21.81		
1.4	64QAM	3	1	21.89	22.09	22.70		
1.4	64QAM	3	3	21.77	21.90	22.82		
1.4	64QAM	6	0	20.98	21.07	20.99	22.5	3
1.4	256QAM	1	0	19.18	19.22	19.24	20.5	5
1.4	256QAM	1	3	19.42	19.42	19.38		
1.4	256QAM	1	5	19.33	19.51	19.38		
1.4	256QAM	3	0	19.18	19.32	19.14		
1.4	256QAM	3	1	19.13	19.17	19.20		
1.4	256QAM	3	3	19.23	19.37	19.25		
1.4	256QAM	6	0	19.25	19.29	19.12	20.5	5

Band 4_Ant 0

BW [MHz]	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	22.33	22.89	22.45	24	0
20	QPSK	1	49	22.36	22.10	22.12		
20	QPSK	1	99	22.03	22.06	22.34		
20	QPSK	50	0	21.21	21.47	21.45	23	1
20	QPSK	50	24	21.25	21.28	21.26		
20	QPSK	50	50	21.04	21.17	21.16		
20	QPSK	100	0	21.26	21.38	21.37		
20	16QAM	1	0	21.48	22.11	21.40	23	1
20	16QAM	1	49	21.35	21.10	21.81		
20	16QAM	1	99	21.55	21.81	21.37		
20	16QA

Band 4_Ant 2

BW [MHz]	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	24.48	24.63	24.53	25.5	0
20	QPSK	1	49	24.31	24.43	24.53		
20	QPSK	1	99	24.45	24.41	24.17		
20	QPSK	50	0	23.31	23.60	23.48	24.5	1
20	QPSK	50	24	23.30	23.38	23.48		
20	QPSK	50	50	23.38	23.38	23.30		
20	QPSK	100	0	23.31	23.47	23.40		
20	16QAM	1	0	23.55	23.78	23.68	24.5	1
20	16QAM	1	49	23.73	23.74	23.70		
20	16QAM	1	99	23.46	23.76	22.95		
20	16QAM	50	0	22.25	22.33	22.55	23.5	2
20	16QAM	50	24	22.24	22.42	22.45		
20	16QAM	50	50	22.25	22.21	22.38		
20	16QAM	100	0	22.31	22.31	22.43		
20	64QAM	1	0	22.52	23.05	22.52	23.5	2
20	64QAM	1	49	22.47	22.61	22.59		
20	64QAM	1	99	22.61	22.11	22.36		
20	64QAM	50	0	21.11	21.45	21.43	22.5	3
20	64QAM	50	24	21.40	21.38	21.53		
20	64QAM	50	50	21.26	21.28	21.31		
20	64QAM	100	0	21.32	21.38	21.47		
20	256QAM	1	0	19.54	19.65	19.52	20.5	5
20	256QAM	1	49	19.36	19.54	19.40		
20	256QAM	1	99	19.57	19.72	19.71		
20	256QAM	50	0	19.33	19.50	19.37	20.5	5
20	256QAM	50	24	19.57	19.60	19.54		
20	256QAM	50	50	19.44	19.55	19.39		
20	256QAM	100	0	19.58	19.66	19.62		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.42	24.46	24.43	25.5	0
15	QPSK	1	37	24.18	24.39	24.41		
15	QPSK	1	74	24.40	24.20	24.15		
15	QPSK	36	0	23.23	23.51	23.30	24.5	1
15	QPSK	36	20	23.17	23.30	23.38		
15	QPSK	36	39	23.27	23.27	23.35		
15	QPSK	75	0	23.24	23.28	23.27		
15	16QAM	1	0	23.42	23.66	23.65	24.5	1
15	16QAM	1	37	23.63	23.69	23.61		
15	16QAM	1	74	23.37	23.64	22.88		
15	16QAM	36	0	22.15	22.29	22.42	23.5	2
15	16QAM	36	20	22.19	22.25	22.40		
15	16QAM	36	39	22.22	22.20	22.22		
15	16QAM	75	0	22.18	22.27	22.29		
15	64QAM	1	0	22.44	23.02	22.45	23.5	2
15	64QAM	1	37	22.22	22.50	22.46		
15	64QAM	1	74	22.50	22.01	22.22		
15	64QAM	36	0	21.00	21.26	21.35	22.5	3
15	64QAM	36	20	21.25	21.28	21.38		
15	64QAM	36	39	21.17	21.17	21.15		
15	64QAM	75	0	21.22	21.24	21.41		
15	256QAM	1	0	19.41	19.57	19.38	20.5	5
15	256QAM	1	37	19.31	19.46	19.24		
15	256QAM	1	74	19.42	19.55	19.54		
15	256QAM	36	0	19.26	19.38	19.28	20.5	5
15	256QAM	36	20	19.44	19.53	19.45		
15	256QAM	36	39	19.36	19.41	19.23		
15	256QAM	75	0	19.51	19.50	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.38	24.44	24.39	25.5	0
10	QPSK	1	25	24.29	24.30	24.38		
10	QPSK	1	49	24.34	24.39	24.11		
10	QPSK	25	0	23.18	23.51	23.34	24.5	1
10	QPSK	25	12	23.19	23.32	23.32		
10	QPSK	25	25	23.22	23.25	23.20		
10	QPSK	50	0	23.23	23.32	23.30		
10	16QAM	1	0	23.50	23.71	23.56	24.5	1
10	16QAM	1	25	23.64	23.70	23.66		
10	16QAM	1	49	23.34	23.65	22.85		
10	16QAM	25	0	22.13	22.28	22.43	23.5	2
10	16QAM	25	12	22.17	22.30	22.37		
10	16QAM	25	25	22.11	22.29	22.31		
10	16QAM	50	0	22.21	22.22	22.35		
10	64QAM	1	0	22.49	22.99	22.32	23.5	2
10	64QAM	1	25	22.22	22.47	22.45		
10	64QAM	1	49	22.51	22.07	22.18		
10	64QAM	25	0	21.03	21.32	21.41	22.5	3
10	64QAM	25	12	21.25	21.34	21.46		
10	64QAM	25	25	21.18	21.25	21.17		
10	64QAM	50	0	21.27	21.31	21.42		
10	256QAM	1	0	19.42	19.63	19.35	20.5	5
10	256QAM	1	25	19.22	19.48	19.31		
10	256QAM	1	49	19.49	19.60	19.60		
10	256QAM	25	0	19.20	19.42	19.34	20.5	5
10	256QAM	25	12	19.46	19.51	19.40		
10	256QAM	25	25	19.33	19.44	19.32		
10	256QAM	50	0	19.52	19.58	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.31	24.40	24.46	25.5	0
5	QPSK	1	12	24.26	24.46	24.41		
5	QPSK	1	24	24.35	24.26	24.06		
5	QPSK	12	0	23.17	23.43	23.29	24.5	1
5	QPSK	12	7	23.17	23.25	23.40		
5	QPSK	12	13	23.21	23.26	23.23		
5	QPSK	25	0	23.19	23.36	23.37		
5	16QAM	1	0	23.41	23.76	23.57	24.5	1
5	16QAM	1	12	23.61	23.63	23.68		
5	16QAM	1	24	23.26	23.57	22.86		
5	16QAM	12	0	22.07	22.30	22.45	23.5	2
5	16QAM	12	7	22.16	22.34	22.36		
5	16QAM	12	13	22.13	22.17	22.29		
5	16QAM	25	0	22.12	22.30	22.23		
5	64QAM	1	0	22.46	22.97	22.36	23.5	2
5	64QAM	1	12	22.31	22.41	22.49		
5	64QAM	1	24	22.47	21.98	22.15		
5	64QAM	12	0	20.93	21.30	21.31	22.5	3
5	64QAM	12	7	21.32	21.24	21.38		
5	64QAM	12	13	21.19	21.15	21.14		
5	64QAM	25	0	21.24	21.34	21.31		
5	256QAM	1	0	19.46	19.64	19.38	20.5	5
5	256QAM	1	12	19.30	19.43	19.28		
5	256QAM	1	24	19.42	19.56	19.67		
5	256QAM	12	0	19.26	19.40	19.30	20.5	5
5	256QAM	12	7	19.41	19.54	19.48		
5	256QAM	12	13	19.30	19.51	19.47		
5	256QAM	25	0	19.54	19.49	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.38	24.47	24.39	25.5	0
3	QPSK	1	8	24.24	24.33	24.42		
3	QPSK	1	14	24.33	24.25	24.13		
3	QPSK	8	0	23.23	23.54	23.26	24.5	1
3	QPSK	8	4	23.16	23.25	23.41		
3	QPSK	8	7	23.20	23.28	23.23		
3	QPSK	15	0	23.12	23.34	23.35		
3	16QAM	1	0	23.40	23.68	23.63	24.5	1
3	16QAM	1	8	23.71	23.67	23.59		
3	16QAM	1	14	23.39	23.70	22.82		
3	16QAM	8	0	22.09	22.17	22.40	23.5	2
3	16QAM	8	4	22.15	22.31	22.34		
3	16QAM	8	7	22.12	22.18	22.19		
3	16QAM	15	0	22.25	22.27	22.32		
3	64QAM	1	0	22.40	22.96	22.44	23.5	2
3	64QAM	1	8	22.27	22.52	22.49		
3	64QAM	1	14	22.56	21.97	22.21		
3	64QAM	8	0	20.99	21.39	21.38	22.5	3
3	64QAM	8	4	21.23	21.30	21.45		
3	64QAM	8	7	21.17	21.16	21.12		
3	64QAM	15	0	21.18	21.35	21.31		
3	256QAM	1	0	19.46	19.56	19.50	20.5	5
3	256QAM	1	8	19.27	19.53	19.27		
3	256QAM	1	14	19.49	19.57	19.63		
3	256QAM	8	0	19.24	19.41	19.29	20.5	5
3	256QAM	8	4	19.46	19.49	19.50		
3	256QAM	8	7	19.33	19.40	19.22		
3	256QAM	15	0	19.46	19.44	19.50		
Channel				19957.5	20175	20392.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.32	24.38	24.43	25.5	0
1.4	QPSK	1	3	24.21	24.37	24.38		
1.4	QPSK	1	5	24.44	24.29	24.12		
1.4	QPSK	3	0	24.30	24.38	24.35		
1.4	QPSK	3	1	24.13	24.29	24.28		
1.4	QPSK	3	3	24.19	24.26	24.04		
1.4	QPSK	6	0	23.14	23.26	23.33	24.5	1
1.4	16QAM	1	0	23.40	23.69	23.52	24.5	1
1.4	16QAM	1	3	23.70	23.62	23.55		
1.4	16QAM	1	5	23.27	23.68	22.83		
1.4	16QAM	3	0	23.28	23.53	23.49		
1.4	16QAM	3	1	23.47	23.60	23.43		
1.4	16QAM	3	3	23.21	23.61	22.82		
1.4	16QAM	6	0	22.27	22.20	22.33	23.5	2
1.4	64QAM	1	0	22.40	23.00	22.44	23.5	2
1.4	64QAM	1	3	22.23	22.48	22.54		
1.4	64QAM	1	5	22.49	22.03	22.17		
1.4	64QAM	3	0	22.19	22.84	22.29		
1.4	64QAM	3	1	22.16	22.39	22.51		
1.4	64QAM	3	3	22.40	21.88	22.03		
1.4	64QAM	6	0	21.16	21.25	21.40	22.5	3
1.4	256QAM	1	0	19.46	19.60	19.49	20.5	5
1.4	256QAM	1	3	19.30	19.49	19.25		
1.4	256QAM	1	5	19.45	19.62	19.63		
1.4	256QAM	3	0	19.31	19.44	19.28		
1.4	256QAM	3	1	19.46	19.47	19.43		
1.4	256QAM	3	3	19.36	19.42	19.35		
1.4	256QAM	6	0	19.50	19.52	19.45	20.5	5

Band 4_Ant 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.63	23.86	23.65	25	0
20	QPSK	1	49	23.11	23.24	23.51		
20	QPSK	1	99	23.11	23.41	23.44		
20	QPSK	50	0	22.22	22.52	22.52	24	1
20	QPSK	50	24	22.22	22.28	22.50		
20	QPSK	50	50	22.15	22.23	22.33		
20	QPSK	100	0	22.24	22.47	22.46		
20	16QAM	1	0	22.09	22.68	22.79	24	1
20	16QAM	1	49	22.37	22.84	22.42		
20	16QAM	1	99	22.13	22.85	22.32		
20	16QAM	50	0	21.14	21.33	21.43	23	2
20	16QAM	50	24	21.08	21.16	21.48		
20	16QAM	50	50	21.22	21.30	21.42		
20	16QAM	100	0	21.14	21.30	21.49		
20	64QAM	1	0	21.09	21.24	21.50	23	2
20	64QAM	1	49	21.12	21.68	21.46		
20	64QAM	1	99	21.24	21.65	21.74		
20	64QAM	50	0	20.13	20.36	20.45	22	3
20	64QAM	50	24	20.20	20.36	20.48		
20	64QAM	50	50	20.24	20.25	20.32		
20	64QAM	100	0	20.15	20.34	20.48		
20	256QAM	1	0	18.45	18.53	18.43	20	5
20	256QAM	1	49	18.61	18.77	18.71		
20	256QAM	1	99	18.52	18.66	18.60		
20	256QAM	50	0	18.40	18.50	18.32	20	5
20	256QAM	50	24	18.57	18.62	18.41		
20	256QAM	50	50	18.47	18.61	18.44		
20	256QAM	100	0	18.33	18.48	18.33		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.24	23.52	23.29	25	0
15	QPSK	1	37	23.18	23.17	23.36		
15	QPSK	1	74	23.18	23.23	23.35		
15	QPSK	36	0	22.36	22.4	22.37	24	1
15	QPSK	36	20	22.35	22.22	22.44		
15	QPSK	36	39	22.28	22.12	22.19		
15	QPSK	75	0	22.42	22.38	22.31		
15	16QAM	1	0	22.22	22.47	22.64	24	1
15	16QAM	1	37	22.42	22.55	22.3		
15	16QAM	1	74	22.18	22.55	22.17		
15	16QAM	36	0	21.27	21.19	21.37	23	2
15	16QAM	36	20	21.17	21.15	21.34		
15	16QAM	36	39	21.27	21.17	21.3		
15	16QAM	75	0	21.25	21.15	21.38		
15	64QAM	1	0	21.24	21.14	22.02	23	2
15	64QAM	1	37	21.21	21.59	21.42		
15	64QAM	1	74	21.3	21.5	21.63		
15	64QAM	36	0	20.29	20.26	20.32	22	3
15	64QAM	36	20	20.25	20.21	20.36		
15	64QAM	36	39	20.28	20.14	20.28		
15	64QAM	75	0	20.21	20.3	20.37		
15	256QAM	1	0	18.39	18.44	18.31	20	5
15	256QAM	1	37	18.72	18.77	18.60		
15	256QAM	1	74	18.46	18.50	18.46		
15	256QAM	36	0	18.26	18.33	18.22	20	5
15	256QAM	36	20	18.26	18.48	18.31		
15	256QAM	36	39	18.39	18.48	18.31		
15	256QAM	75	0	18.25	18.41	18.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.17	23.47	23.28	25	0
10	QPSK	1	25	23.20	23.15	23.33		
10	QPSK	1	49	23.17	23.26	23.38		
10	QPSK	25	0	22.37	22.43	22.43	24	1
10	QPSK	25	12	22.38	22.13	22.41		
10	QPSK	25	25	22.31	22.11	22.21		
10	QPSK	50	0	22.26	22.41	22.34		
10	16QAM	1	0	22.16	22.49	22.75	24	1
10	16QAM	1	25	22.48	22.70	22.38		
10	16QAM	1	49	22.21	22.61	22.23		
10	16QAM	25	0	21.25	21.20	21.34	23	2
10	16QAM	25	12	21.25	21.33	21.22		
10	16QAM	25	25	21.35	21.21	21.35		
10	16QAM	50	0	21.20	21.25	21.43		
10	64QAM	1	0	21.25	21.17	22.05	23	2
10	64QAM	1	25	21.24	21.66	21.30		
10	64QAM	1	49	21.36	21.86	21.66		
10	64QAM	25	0	20.18	20.33	20.38	22	3
10	64QAM	25	12	20.28	20.25	20.38		
10	64QAM	25	25	20.27	20.13	20.21		
10	64QAM	50	0	20.15	20.30	20.45		
10	256QAM	1	0	18.28	18.45	18.32	20	5
10	256QAM	1	25	18.65	18.77	18.61		
10	256QAM	1	49	18.57	18.49	18.46		
10	256QAM	25	0	18.35	18.43	18.32	20	5
10	256QAM	25	12	18.34	18.46	18.22		
10	256QAM	25	25	18.32	18.50	18.37		
10	256QAM	50	0	18.28	18.38	18.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.25	23.51	23.28	25	0
5	QPSK	1	12	23.15	23.32	23.33		
5	QPSK	1	24	23.22	23.27	23.36		
5	QPSK	12	0	22.22	22.45	22.41	24	1
5	QPSK	12	7	22.34	22.13	22.35		
5	QPSK	12	13	22.28	22.15	22.21		
5	QPSK	25	0	22.32	22.42	22.31		
5	16QAM	1	0	22.31	22.43	22.68	24	1
5	16QAM	1	12	22.47	22.73	22.35		
5	16QAM	1	24	22.30	22.58	22.22		
5	16QAM	12	0	21.17	21.24	21.34	23	2
5	16QAM	12	7	21.20	21.25	21.32		
5	16QAM	12	13	21.33	21.21	21.36		
5	16QAM	25	0	21.25	21.31	21.40		
5	64QAM	1	0	21.22	21.12	22.10	23	2
5	64QAM	1	12	21.21	21.54	21.37		
5	64QAM	1	24	21.37	21.62	21.62		
5	64QAM	12	0	20.26	20.24	20.36	22	3
5	64QAM	12	7	20.32	20.27	20.30		
5	64QAM	12	13	20.20	20.17	20.20		
5	64QAM	25	0	20.22	20.19	20.40		
5	256QAM	1	0	18.30	18.41	18.31	20	5
5	256QAM	1	12	18.77	18.73	18.57		
5	256QAM	1	24	18.52	18.58	18.47		
5	256QAM	12	0	18.24	18.32	18.26	20	5
5	256QAM	12	7	18.35	18.40	18.36		
5	256QAM	12	13	18.30	18.38	18.33		
5	256QAM	25	0	18.25	18.41	18.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.29	23.50	23.32	25	0
3	QPSK	1	8	23.26	23.20	23.39		
3	QPSK	1	14	23.16	23.33	23.33		
3	QPSK	8	0	22.31	22.40	22.40	24	1
3	QPSK	8	4	22.22	22.19	22.43		
3	QPSK	8	7	22.28	22.18	22.21		
3	QPSK	15	0	22.33	22.31	22.40		
3	16QAM	1	0	22.25	22.47	22.65	24	1
3	16QAM	1	8	22.50	22.70	22.35		
3	16QAM	1	14	22.29	22.58	22.20		
3	16QAM	8	0	21.17	21.25	21.37	23	2
3	16QAM	8	4	21.18	21.25	21.33		
3	16QAM	8	7	21.27	21.28	21.35		
3	16QAM	15	0	21.27	21.22	21.42		
3	64QAM	1	0	21.15	21.18	22.07	23	2
3	64QAM	1	8	21.22	21.58	21.41		
3	64QAM	1	14	21.39	21.55	21.63		
3	64QAM	8	0	20.28	20.33	20.36	22	3
3	64QAM	8	4	20.24	20.29	20.40		
3	64QAM	8	7	20.34	20.16	20.24		
3	64QAM	15	0	20.24	20.26	20.39		
3	256QAM	1	0	18.37	18.45	18.36	20	5
3	256QAM	1	8	18.66	18.73	18.62		
3	256QAM	1	14	18.37	18.53	18.41		
3	256QAM	8	0	18.38	18.34	18.23	20	5
3	256QAM	8	4	18.31	18.45	18.24		
3	256QAM	8	7	18.30	18.45	18.37		
3	256QAM	15	0	18.24	18.40	18.18		
Channel				19957.5	20175	20392.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.27	23.52	23.25	25	0
1.4	QPSK	1	3	23.18	23.13	23.38		
1.4	QPSK	1	5	23.22	23.27	23.37		
1.4	QPSK	3	0	23.35	23.39	23.24		
1.4	QPSK	3	1	23.10	23.18	23.30		
1.4	QPSK	3	3	23.08	23.19	23.25		
1.4	QPSK	6	0	22.37	22.34	22.32	24	1
1.4	16QAM	1	0	22.23	22.47	22.71	24	1
1.4	16QAM	1	3	22.39	22.79	22.38		
1.4	16QAM	1	5	22.27	22.60	22.29		
1.4	16QAM	3	0	22.16	22.39	22.65		
1.4	16QAM	3	1	22.29	22.64	22.29		
1.4	16QAM	3	3	22.18	22.41	22.14		
1.4	16QAM	6	0	21.25	21.19	21.37	23	2
1.4	64QAM	1	0	21.24	21.22	22.04	23	2
1.4	64QAM	1	3	21.22	21.52	21.39		
1.4	64QAM	1	5	21.36	21.56	21.56		
1.4	64QAM	3	0	21.18	21.11	21.92		
1.4	64QAM	3	1	21.15	21.45	21.29		
1.4	64QAM	3	3	21.25	21.43	21.40		
1.4	64QAM	6	0	20.25	20.21	20.34	22	3
1.4	256QAM	1	0	18.33	18.39	18.30	20	5
1.4	256QAM	1	3	18.75	18.76	18.64		
1.4	256QAM	1	5	18.46	18.50	18.49		
1.4	256QAM	3	0	18.23	18.34	18.25		
1.4	256QAM	3	1	18.36	18.43	18.30		
1.4	256QAM	3	3	18.32	18.43	18.30		
1.4	256QAM	6	0	18.20	18.37	18.20	20	5

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34	25.5	0
10	QPSK	1	25	24.18	24.28	24.23		
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25	24.5	1
10	QPSK	25	12	23.27	23.20	23.31		
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24	23.5	2
10	16QAM	25

Band 7_Ant 0

BW [MHz]	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	21.59	21.97	21.77		
20	QPSK	1	49	21.54	21.75	21.79	23	0
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80		
20	QPSK	50	24	20.61	20.80	20.79	22	1
20	QPSK	50	50	20.65	20.76	20.76		
20	QPSK	100	0	20.53	20.76	20.67		
20	16QAM	1	0	20.75	20.23	20.76		
20	16QAM	1	49	21.00	20.73	20.85	22	1
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72		
20	16QAM	50	24	19.54	19.80	19.78	21	2
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.28	19.93	20.25		
20	64QAM	1	49	19.90	19.77	19.98	21	2
20	64QAM	1	99	20.04	19.94	20.06		
20	64QAM	50	0	18.55	18.67	18.70		
20	64QAM	50	24	18.60	18.81	18.79	20	3
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76		
20	256QAM	1	49	16.85	16.83	16.64	18	5
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.80		
20	256QAM	50	24	16.58	16.73	16.63	18	5
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.76	16.65		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.74	21.57		
15	QPSK	1	37	21.42	21.77	21.78	23	0
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.36	20.70	20.66		
15	QPSK	36	20	20.55	20.75	20.81	22	1
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32		
15	16QAM	1	37	20.46	21.00	20.55	22	1
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65		
15	16QAM	36	20	19.56	19.72	19.74	21	2
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88		
15	64QAM	1	37	19.65	19.78	20.11	21	2
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70		
15	64QAM	36	20	18.54	18.88	18.61	20	3
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57		
15	256QAM	1	37	16.55	16.73	16.56	18	5
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52		
15	256QAM	36	20	16.51	16.66	16.59	18	5
15	256QAM	36	39	16.64	16.63	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72		
10	QPSK	1	25	21.56	21.76	21.71	23	0
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87		
10	QPSK	25	12	20.64	20.84	20.83	22	1
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98		
10	16QAM	1	25	20.94	21.16	21.35	22	1
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83		
10	16QAM	25	12	19.64	19.92	19.89	21	2
10	16QAM	25	25	19.69	19.93	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44		
10	64QAM	1	25	19.55	19.99	20.22	21	2
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86		
10	64QAM	25	12	18.87	18.89	18.78	20	3
10	64QAM	25	25	18.89	18.97	18.86		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66		
10	256QAM	1	25	16.50	16.73	16.51	18	5
10	256QAM	1	49	16.74	16.86	16.70		
10	256QAM	25	0	16.55	16.67	16.50		
10	256QAM	25	12	16.42	16.60	16.62	18	5
10	256QAM	25	25	16.66	16.73	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.43	21.74	21.75		
5	QPSK	1	12	21.55	21.79	21.72	23	0
5	QPSK	1	24	21.56	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75		
5	QPSK	12	7	20.52	20.97	20.80	22	1
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80		
5	16QAM	1	12	20.87	21.54	21.49	22	1
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.71	19.83		
5	16QAM	12	7	19.62	20.08	19.85	21	2
5	16QAM	12	13	19.64	19.98	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36		
5	64QAM	1	12	19.49	19.98	19.80	21	2
5	64QAM	1	24	19.99	20.31	20.03		
5	64QAM	12	0	18.46	18.69	18.88		
5	64QAM	12	7	18.46	18.98	18.97	20	3
5	64QAM	12	13	18.74	18.92	19.02		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.74	16.81	16.65		
5	256QAM	1	12	16.60	16.65	16.54	18	5
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52		
5	256QAM	12	7	16.41	16.62	16.47	18	5
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.60	22.86	22.60		
20	QPSK	1	49	22.53	22.73	22.65	24	0
20	QPSK	1	99	22.53	22.74	22.63		
20	QPSK	50	0	21.60	21.95	21.74		
20	QPSK	50	24	21.63	21.82	21.78	23	1
20	QPSK	50	50	21.64	21.90	21.93		
20	QPSK	100	0	21.58	21.90	21.78		
20	16QAM	1	0	21.79	21.42	21.63		
20	16QAM	1	49	22.07	21.92	22.27	23	1
20	16QAM	1	99	21.83	21.79	22.11		
20	16QAM	50	0	20.63	20.83	20.77		
20	16QAM	50	24	20.61	20.80	20.78	22	2
20	16QAM	50	50	20.64	20.92	20.85		
20	16QAM	100	0	20.68	20.79	20.75		
20	64QAM	1	0	20.65	20.66	20.75		
20	64QAM	1	49	20.62	20.73	20.95	22	2
20	64QAM	1	99	20.67	20.95	20.90		
20	64QAM	50	0	19.52	19.81	19.80		
20	64QAM	50	24	19.65	19.90	19.77	21	3
20	64QAM	50	50	19.68	19.82	19.85		
20	64QAM	100	0	19.76	19.75	19.74		
20	256QAM	1	0	17.94	18.05	17.93		
20	256QAM	1	49	17.88	17.81	17.71	19	5
20	256QAM	1	99	17.98	18.04	17.98		
20	256QAM	50	0	17.81	17.80	17.66		
20	256QAM	50	24	17.84	17.90	17.87	19	5
20	256QAM	50	50	17.82	17.86	17.82		
20	256QAM	100	0	17.88	17.88	17.70		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.93	22.51	22.34		
15	QPSK	1	37	22.33	22.67	22.65	24	0
15	QPSK	1	74	22.43	22.51	22.49		
15	QPSK	36	0	21.24	21.83	21.47		
15	QPSK	36	20	21.39	21.66	21.50	23	1
15	QPSK	36	39	21.33	21.88	21.71		
15	QPSK	75	0	21.32	21.48	21.55		
15	16QAM	1	0	21.67	21.27	22.01		
15	16QAM	1	37	21.55	21.79	21.95	23	1
15	16QAM	1	74	21.51	22.34	21.76		
15	16QAM	36	0	20.26	20.60	20.59		
15	16QAM	36	20	20.32	20.66	20.61	22	2
15	16QAM	36	39	20.27	20.76	20.63		
15	16QAM	75	0	20.37	20.65	20.54		
15	64QAM	1	0	20.66	20.67	20.58		
15	64QAM	1	37	20.13	20.82	20.66	22	2
15	64QAM	1	74	20.71	20.79	20.45		
15	64QAM	36	0	19.27	19.64	19.57		
15	64QAM	36	20	19.42	19.81	19.56	21	3
15	64QAM	36	39	19.35	19.75	19.56		
15	64QAM	75	0	19.36	19.59	19.62		
15	256QAM	1	0	17.65	17.74	17.57		
15	256QAM	1	37	17.34	17.55	17.37	19	5
15	256QAM	1	74	17.65	17.74	17.68		
15	256QAM	36	0	17.29	17.43	17.35		
15	256QAM	36	20	17.57	17.59	17.56	19	5
15	256QAM	36	39	17.49	17.56	17.60		
15	256QAM	75	0	17.50	17.51	17.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.27	22.62	22.63		
10	QPSK	1	25	22.40	22.79	22.77	24	0
10	QPSK	1	49	22.34	22.73	22.72		
10	QPSK	25	0	21.33	21.71	21.68		
10	QPSK	25	12	21.47	21.83	21.72	23	1
10	QPSK	25	25	21.45	21.77	21.76		
10	QPSK	50	0	21.43	21.61	21.62		
10	16QAM	1	0	21.85	22.08	21.96		
10	16QAM	1	25	21.87	21.98	21.92	23	1
10	16QAM	1	49	21.87	22.22	22.30		
10	16QAM	25	0	20.33	20.63	20.75		
10	16QAM	25	12	20.48	20.82	20.77	22	2
10	16QAM	25	25	20.57	20.71	20.81		
10	16QAM	50	0	20.40	20.78	20.73		
10	64QAM	1	0	20.58	20.96	20.72		
10	64QAM	1	25	20.72	21.17	21.00	22	2
10	64QAM	1	49	20.71	20.95	20.80		
10	64QAM	25	0	19.52	19.75	19.75		
10	64QAM	25	12	19.43	19.70	19.65	21	3
10	64QAM	25	25	19.38	19.85	19.63		
10	64QAM	50	0	19.49	19.59	19.59		
10	256QAM	1	0	17.60	17.75	17.61		
10	256QAM	1	25	17.39	17.45	17.43	19	5
10	256QAM	1	49	17.68	17.77	17.60		
10	256QAM	25	0	17.30	17.39	17.38		
10	256QAM	25	12	17.61	17.67	17.56	19	5
10	256QAM	25	25	17.50	17.61	17.53		
10	256QAM	50	0	17.46	17.54	17.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.32	22.92	22.52		
5	QPSK	1	12	22.38	22.74	22.62	24	0
5	QPSK	1	24	22.45	22.74	22.63		
5	QPSK	12	0	21.33	21.60	21.63		
5	QPSK	12	7	21.46	21.81	21.71	23	1
5	QPSK	12	13	21.43	21.85	21.82		
5	QPSK	25	0	21.36	21.66	21.66		
5	16QAM	1	0	21.58	21.92	21.73		
5	16QAM	1	12	21.34	21.78	21.67	23	1
5	16QAM	1	24	21.39	21.77	21.73		
5	16QAM	12	0	20.39	20.70	20.65		
5	16QAM	12	7	20.67	20.92	20.78	22	2
5	16QAM	12	13	20.57	20.93	20.83		
5	16QAM	25	0	20.47	20.78	20.64		
5	64QAM	1	0	20.53	20.75	20.77		
5	64QAM	1	12	20.51	20.88	20.75	22	2
5	64QAM	1	24	20.33	20.93	20.57		
5	64QAM	12	0	19.38	19.65	19.69		
5	64QAM	12	7	19.55	19.90	19.65	21	3
5	64QAM	12	13	19.46	19.77	19.80		
5	64QAM	25	0	19.44	19.71	19.56		
5	256QAM	1	0	17.68	17.77	17.59		
5	256QAM	1	12	17.38	17.50	17.45	19	5
5	256QAM	1	24	17.46	17.77	17.72		
5	256QAM	12	0	17.32	17.46	17.40		
5	256QAM	12	7	17.54	17.64	17.61	19	5
5	256QAM	12	13	17.53	17.54	17.58		
5	256QAM	25	0	17.51	17.62	17.43		

Band 7_Ant 2

BW [MHz]	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	24.60	24.73	24.68		
20	QPSK	1	49	24.56	24.37	24.50	25.5	0
20	QPSK	1	99	24.56	24.34	24.56		
20	QPSK	50	0	23.26	23.51	23.29		
20	QPSK	50	24	23.21	23.41	23.28	24.5	1
20	QPSK	50	50	23.12	23.45	23.31		
20	QPSK	100	0	23.21	23.44	23.35		
20	16QAM	1	0	23.46	23.66	23.39		
20	16QAM	1	49	23.41	23.69	23.37	24.5	1
20	16QAM	1	99	23.44	23.58	23.29		
20	16QAM	50	0	22.18	22.22	22.32		
20	16QAM	50	24	22.15	22.35	22.26	23.5	2
20	16QAM	50	50	22.28	22.40	22.39		
20	16QAM	100	0	22.22	22.31	22.28		
20	64QAM	1	0	21.92	22.26	22.01		
20	64QAM	1	49	22.25	22.30	22.21	23.5	2
20	64QAM	1	99	22.29	22.35	22.02		
20	64QAM	50	0	21.45	21.79	21.74		
20	64QAM	50	24	21.64	21.56	21.53	22.5	3
20	64QAM	50	50	21.75	21.73	21.63		
20	64QAM	100	0	21.55	21.62	21.79		
20	256QAM	1	0	19.53	19.66	19.47		
20	256QAM	1	49	19.70	19.89	19.72	20.5	5
20	256QAM	1	99	19.51	19.58	19.56		
20	256QAM	50	0	19.34	19.54	19.42		
20	256QAM	50	24	19.50	19.60	19.50	20.5	5
20	256QAM	50	50	19.62	19.68	19.49		
20	256QAM	100	0	19.50	19.52	19.46		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.70	24.40		
15	QPSK	1	37	24.21	24.47	24.43	25.5	0
15	QPSK	1	74	24.29	24.45	24.31		
15	QPSK	36	0	23.28	23.54	23.34		
15	QPSK	36	20	23.27	23.49	23.35	24.5	1
15	QPSK	36	39	23.21	23.52	23.38		
15	QPSK	75	0	23.23	23.47	23.39		
15	16QAM	1	0	23.51	23.72	23.45		
15	16QAM	1	37	23.48	23.79	23.48	24.5	1
15	16QAM	1	74	23.49	23.64	23.35		
15	16QAM	36	0	22.27	22.30	22.42		
15	16QAM	36	20	22.25	22.45	22.34	23.5	2
15	16QAM	36	39	22.36	22.46	22.46		
15	16QAM	75	0	22.31	22.40	22.35		
15	64QAM	1	0	22.00	22.31	22.07		
15	64QAM	1	37	22.30	22.36	22.27	23.5	2
15	64QAM	1	74	22.34	22.45	22.09		
15	64QAM	36	0	21.55	21.88	21.79		
15	64QAM	36	20	21.70	21.64	21.62		
15	64QAM	36	39	21.82	21.82	21.71	22.5	3
15	64QAM	75	0	21.64	21.67	21.84		
15	256QAM	1	0	19.59	19.76	19.54		
15	256QAM	1	37	19.79	19.95	19.80	20.5	5
15	256QAM	1	74	19.59	19.62	19.61		
15	256QAM	36	0	19.44	19.59	19.50		
15	256QAM	36	20	19.56	19.68	19.57	20.5	5
15	256QAM	36	39	19.71	19.74	19.59		
15	256QAM	75	0	19.55	19.57	19.52		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.23	24.67	24.42		
10	QPSK	1	25	24.25	24.44	24.43	25.5	0
10	QPSK	1	49	24.25	24.44	24.36		
10	QPSK	25	0	23.27	23.53	23.33		
10	QPSK	25	12	23.26	23.46	23.35	24.5	1
10	QPSK	25	25	23.21	23.54	23.36		
10	QPSK	50	0	23.24	23.49	23.37		
10	16QAM	1	0	23.54	23.73	23.48		
10	16QAM	1	25	23.51	23.79	23.43	24.5	1
10	16QAM	1	49	23.54	23.65	23.38		
10	16QAM	25	0	22.24	22.27	22.37		
10	16QAM	25	12	22.22	22.43	22.32	23.5	2
10	16QAM	25	25	22.35	22.47	22.49		
10	16QAM	50	0	22.27	22.40	22.36		
10	64QAM	1	0	21.97	22.32	22.10		
10	64QAM	1	25	22.30	22.35	22.30	23.5	2
10	64QAM	1	49	22.34	22.41	22.11		
10	64QAM	25	0	21.51	21.84	21.84		
10	64QAM	25	12	21.71	21.65	21.59	22.5	3
10	64QAM	25	25	21.81	21.82	21.71		
10	64QAM	50	0	21.60	21.70	21.64		
10	256QAM	1	0	19.63	19.73	19.57		
10	256QAM	1	25	19.80	19.94	19.80	20.5	5
10	256QAM	1	49	19.58	19.65	19.65		
10	256QAM	25	0	19.43	19.63	19.50		
10	256QAM	25	12	19.56	19.68	19.60	20.5	5
10	256QAM	25	25	19.66	19.78	19.55		
10	256QAM	50	0	19.58	19.62	19.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.22	24.58	24.43		
5	QPSK	1	12	24.20	24.45	24.41	25.5	0
5	QPSK	1	24	24.26	24.44	24.36		
5	QPSK	12	0	23.30	23.53	23.32		
5	QPSK	12	7	23.31	23.49	23.36	24.5	1
5	QPSK	12	13	23.20	23.50	23.39		
5	QPSK	25	0	23.22	23.47	23.36		
5	16QAM	1	0	23.43	23.64	23.44		
5	16QAM	1	12	23.48	23.78	23.46	24.5	1
5	16QAM	1	24	23.51	23.63	23.38		
5	16QAM	12	0	22.23	22.32	22.39		
5	16QAM	12	7	22.23	22.41	22.31	23.5	2
5	16QAM	12	13	22.34	22.48	22.46		
5	16QAM	25	0	22.30	22.38	22.33		
5	64QAM	1	0	21.97	22.34	22.06		
5	64QAM	1	12	22.32	22.37	22.27	23.5	2
5	64QAM	1	24	22.36	22.43	22.11		
5	64QAM	12	0	21.54	21.89	21.79		
5	64QAM	12	7	21.73	21.64	21.60	22.5	3
5	64QAM	12	13	21.80	21.80	21.69		
5	64QAM	25	0	21.61	21.67	21.85		
5	256QAM	1	0	19.59	19.72	19.53		
5	256QAM	1	12	19.79	19.98	19.82	20.5	5
5	256QAM	1	24	19.59	19.65	19.62		
5	256QAM	12	0	19.41	19.64	19.47		
5	256QAM	12	7	19.56	19.70	19.59	20.5	5
5	256QAM	12	13	19.69	19.77	19.59		
5	256QAM	25	0	19.55	19.60	19.54		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.28	24.30	24.22		
20	QPSK	1	49	24.24	24.15	24.12	25.2	0
20	QPSK	1	99	24.18	24.28	24.11		
20	QPSK	50	0	23.22	23.36	23.30		
20	QPSK	50	24	23.23	23.30	23.35	24.2	1
20	QPSK	50	50	23.17	23.29	23.32		
20	QPSK	100	0	23.14	23.32	23.19		
20	16QAM	1	0	23.50	23.12	23.47		
20	16QAM	1	49	23.97	23.55	23.43	24.2	1
20	16QAM	1	99	23.47	22.92	23.64		
20	16QAM	50	0	22.05	22.31	22.29		
20	16QAM	50	24	22.18	22.32	22.28	23.2	2
20	16QAM	50	50	22.17	22.42	22.37		
20	16QAM	100

Band 12_Ant 0

BW [MHz]	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	24.88	24.98	24.87	25.5	0
10	QPSK	1	25	24.92	24.86	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.94	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20	24.5	1
10	16QAM	1	25	24.12	24.15	24.16		
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02	23.5	2
10	16QAM	25	12	23.04	23.01	23.03		
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02	23.5	2
10	64QAM	1	25	23.01	23.12	23.43		
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98	22.5	3
10	64QAM	25	12	22.00	21.96	21.86		
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99	20.5	5
10	256QAM	1	25	20.37	20.39	20.26		
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19	20.5	5
10	256QAM	25	12	20.06	20.20	20.13		
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23230	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.85	24.75		
5	QPSK	12	0	23.75	23.80	23.71	24.5	1
5	QPSK	12	7	23.80	23.86	23.80		
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07	24.5	1
5	16QAM	1	12	24.03	24.02	24.08		
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97	23.5	2
5	16QAM	12	7	22.94	22.93	22.94		
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89	23.5	2
5	64QAM	1	12	22.92	23.07	23.36		
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83	22.5	3
5	64QAM	12	7	21.94	21.83	21.72		
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87	20.5	5
5	256QAM	1	12	20.24	20.36	20.11		
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12	20.5	5
5	256QAM	12	7	19.98	20.10	19.98		
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.88	24.74		
3	QPSK	8	0	23.68	23.81	23.76	24.5	1
3	QPSK	8	4	23.82	23.84	23.82		
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10	24.5	1
3	16QAM	1	8	24.01	24.04	24.03		
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91	23.5	2
3	16QAM	8	4	22.94	22.82	22.88		
3	16QAM	8	7	22.87	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89	23.5	2
3	64QAM	1	8	22.89	23.03	23.38		
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84	22.5	3
3	64QAM	8	4	21.93	21.91	21.71		
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88	20.5	5
3	256QAM	1	8	20.22	20.36	20.10		
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10	20.5	5
3	256QAM	8	4	19.91	20.04	20.01		
3	256QAM	8	7	20.08	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.62	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03	24.5	1
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42		
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88	23.5	2
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.85		
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.83	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93	20.5	5
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12		
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.08	24.18	23.93	25.5	0
10	QPSK	1	25	24.10	23.91	24.01		
10	QPSK	1	49	24.03	23.86	24.14		
10	QPSK	25	0	22.84	23.17	23.08	24.5	1
10	QPSK	25	12	23.10	23.06	23.13		
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27	24.5	1
10	16QAM	1	25	23.49	23.51	23.09		
10	16QAM	1	49	23.51	23.65	23.53		
10	16QAM	25	0	22.01	22.13	22.00	23.5	2
10	16QAM	25	12	22.21	22.10	21.98		
10	16QAM	25	25	22.24	22.13	22.15		
10	16QAM	50	0	22.22	21.98	22.16		
10	64QAM	1	0	22.09	22.09	21.89	23.5	2
10	64QAM	1	25	22.38	22.34	22.22		
10	64QAM	1	49	22.28	22.31	22.58		
10	64QAM	25	0	21.03	21.08	21.01	22.5	3
10	64QAM	25	12	21.17	21.09	21.06		
10	64QAM	25	25	21.13	21.13	21.09		
10	64QAM	50	0	21.19	20.87	21.16		
10	256QAM	1	0	19.45	19.54	19.40	20.5	5
10	256QAM	1	25	19.70	19.77	19.70		
10	256QAM	1	49	19.53	19.63	19.51		
10	256QAM	25	0	19.35	19.42	19.32	20.5	5
10	256QAM	25	12	19.38	19.46	19.39		
10	256QAM	25	25	19.33	19.44	19.39		
10	256QAM	50	0	19.25	19.41	19.27		
Channel				23230	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.92	23.95	23.75	25.5	0
5	QPSK	1	12	23.99	23.90	23.91		
5	QPSK	1	24	23.86	23.81	24.08		
5	QPSK	12	0	22.91	23.06	22.97	24.5	1
5	QPSK	12	7	22.98	22.97	23.02		
5	QPSK	12	13	23.00	23.09	22.98		
5	QPSK	25	0	22.89	22.93	22.93		
5	16QAM	1	0	23.54	23.51	23.14	24.5	1
5	16QAM	1	12	23.41	23.42	22.98		
5	16QAM	1	24	23.44	23.52	23.46		
5	16QAM	12	0	21.93	22.03	21.99	23.5	2
5	16QAM	12	7	22.03	22.03	21.85		
5	16QAM	12	13	22.13	22.06	22.02		
5	16QAM	25	0	22.11	21.91	21.98		
5	64QAM	1	0	21.95	21.99	21.78	23.5	2
5	64QAM	1	12	22.28	22.24	22.11		
5	64QAM	1	24	22.20	22.20	22.44		
5	64QAM	12	0	20.92	20.92	20.94	22.5	3
5	64QAM	12	7	21.01	21.01	20.98		
5	64QAM	12	13	21.02	21.13	20.96		
5	64QAM	25	0	21.04	20.79	21.06		
5	256QAM	1	0	19.38	19.44	19.34	20.5	5
5	256QAM	1	12	19.54	19.61	19.58		
5	256QAM	1	24	19.45	19.51	19.45		
5	256QAM	12	0	19.21	19.28	19.21	20.5	5
5	256QAM	12	7	19.26	19.37	19.32		
5	256QAM	12	13	19.30	19.35	19.25		
5	256QAM	25	0	19.11	19.29	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.96	24.01	23.85	25.5	0
3	QPSK	1	8	23.95	23.85	23.97		
3	QPSK	1	14	23.92	23.82	24.02		
3	QPSK	8	0	22.82	23.10	22.94	24.5	1
3	QPSK	8	4	22.95	22.94	22.98		
3	QPSK	8	7	22.98	23.05	22.97		
3	QPSK	15	0	22.91	23.01	22.98		
3	16QAM	1	0	23.55	23.45	23.11	24.5	1
3	16QAM	1	8	23.42	23.35	23.09		
3	16QAM	1	14	23.44	23.51	23.43		
3	16QAM	8	0	21.93	22.04	21.99	23.5	2
3	16QAM	8	4	22.07	21.99	21.81		
3	16QAM	8	7	22.19	22.13	21.99		
3	16QAM	15	0	22.16	21.81	22.06		
3	64QAM	1	0	22.01	21.93	21.82	23.5	2
3	64QAM	1	8	22.29	22.19	22.02		
3	64QAM	1	14	22.09	22.26	22.47		
3	64QAM	8	0	20.90	20.90	20.88	22.5	3
3	64QAM	8	4	21.14	20.98	20.91		
3	64QAM	8	7	21.08	21.08	20.99		
3	64QAM	15	0	21.06	20.84	21.09		
3	256QAM	1	0	19.37	19.45	19.23	20.5	5
3	256QAM	1	8	19.54	19.63	19.66		
3	256QAM	1	14	19.45	19.50	19.38		
3	256QAM	8	0	19.27	19.25	19.17	20.5	5
3	256QAM	8	4	19.23	19.40	19.36		
3	256QAM	8	7	19.27	19.36	19.21		
3	256QAM	15	0	19.10	19.35	19.16		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.90	23.95	23.86	25.5	0
1.4	QPSK	1	3	23.92	23.77	23.93		
1.4	QPSK	1	5	23.90	23.79	23.93		
1.4	QPSK	3	0	23.83	23.82	23.78		
1.4	QPSK	3	1	23.84	23.84	23.80		
1.4	QPSK	3	3	23.85	23.85	23.82		
1.4	QPSK	6	0	23.01	22.93	23.04	24.5	1
1.4	16QAM	1	0	23.55	23.52	23.15	24.5	1
1.4	16QAM	1	3	23.42	23.41	23.03		
1.4	16QAM	1	5	23.40	23.48	23.47		
1.4	16QAM	3	0	23.42	23.40	23.00		
1.4	16QAM	3	1	23.37	23.28	22.91		
1.4	16QAM	3	3	23.25	23.43	23.32		
1.4	16QAM	6	0	22.09	21.88	22.05	23.5	2
1.4	64QAM	1	0	22.02	22.02	21.83	23.5	2
1.4	64QAM	1	3	22.30	22.18	22.13		
1.4	64QAM	1	5	22.14	22.27	22.45		
1.4	64QAM	3	0	21.88	21.94	21.81		
1.4	64QAM	3	1	22.16	22.06	21.94		
1.4	64QAM	3	3	22.06	22.11	22.35		
1.4	64QAM	6	0	21.12	20.83	21.01	22.5	3
1.4	256QAM	1	0	19.36	19.43	19.33	20.5	5
1.4	256QAM	1	3	19.55	19.71	19.62		
1.4	256QAM	1	5	19.48	19.48	19.45		
1.4	256QAM	3	0	19.18	19.29	19.25		
1.4	256QAM	3	1	19.25	19.43	19.37		
1.4	256QAM	3	3	19.29	19.26	19.32		
1.4	256QAM	6	0	19.15	19.30	19.24	20.5	5

Band 13_Ant 0

BW [MHz]	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		25.03		25.5	0
10	QPSK	1	25		25.00			
10	QPSK	1	49		25.02			
10	QPSK	25	0		24.02		24.5	1
10	QPSK	25	12		23.98			
10	QPSK	25	25		23.99			
10	QPSK	50	0		23.98			
10	16QAM	1	0		24.42		24.5	1
10	16QAM	1	25		24.50			
10	16QAM	1	49		24.29			
10	16QAM	25	0		22.89		23.5	2
10	16QAM	25	12		23.01			
10	16QAM	25	25		23.07			
10	16QAM	50	0		22.96			
10	64QAM	1	0		22.80		23.5	2
10	64QAM	1	25		23.12			
10	64QAM	1	49		23.08			
10	64QAM	25	0		21.87		22.5	3
10	64QAM	25	12		21.93			
10	64QAM	25	25		22.07			
10	64QAM	50	0		21.94			
10	256QAM	1	0		20.39		20.5	5
10	256QAM	1	25		19.90			
10	256QAM	1	49		20.22			
10	256QAM	25	0		19.93		20.5	5
10	256QAM	25	12		20.31			
10	256QAM	25	25		20.30			
10	256QAM	50	0		20.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.91	24.89	24.89	25.5	0
5	QPSK	1	12	24.88	24.85	24.91		
5	QPSK	1	24	24.88	24.93	24.89		
5	QPSK	12	0	23.92	23.94	23.88	24.5	1
5	QPSK	12	7	23.86	23.86	23.86		
5	QPSK	12	13	23.80	23.90	23.81		
5	QPSK	25	0	23.89	23.84	23.86		
5	16QAM	1	0	24.29	24.23	24.32	24.5	1
5	16QAM	1	12	24.36	24.31	24.37		
5	16QAM	1	24	24.19	24.20	24.21		
5	16QAM	12	0	22.72	22.79	22.81	23.5	2
5	16QAM	12	7	22.90	22.92	22.83		
5	16QAM	12	13	22.94	22.90	22.99		
5	16QAM	25	0	22.88	22.83	22.88		
5	64QAM	1	0	23.02	23.06	23.09	23.5	2
5	64QAM	1	12	23.33	23.37	23.33		
5	64QAM	1	24	22.92	22.92	22.98		
5	64QAM	12	0	21.74	21.70	21.69	22.5	3
5	64QAM	12	7	21.82	21.79	21.79		
5	64QAM	12	13	21.94	21.98	21.99		
5	64QAM	25	0	21.77	21.80	21.81		
5	256QAM	1	0	20.23	20.29	20.25	20.5	5
5	256QAM	1	12	20.14	20.14	20.12		
5	256QAM	1	24	20.05	20.10	20.11		
5	256QAM	12	0	20.16	20.16	20.24	20.5	5
5	256QAM	12	7	20.23	20.17	20.19		
5	256QAM	12	13	20.13	20.11	20.15		
5	256QAM	25	0	20.08	20.14	20.07		

Band 13_Ant 1

BW [MHz]	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		24.24		25.5	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.18			
10	QPSK	25	0		23.32		24.5	1
10	QPSK	25	12		23.20			
10	QPSK	25	25		23.28			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.77		24.5	1
10	16QAM	1	25		23.77			
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.13		23.5	2
10	16QAM	25	12		22.17			
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.34		23.5	2
10	64QAM	1	25		22.93			
10	64QAM	1	49		22.56			
10	64QAM	25	0		21.13		22.5	3
10	64QAM	25	12		21.30			
10	64QAM	25	25		21.14			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.79		20.5	5
10	256QAM	1	25		19.84			
10	256QAM	1	49		19.82			
10	256QAM	25	0		19.72		20.5	5
10	256QAM	25	12		19.67			
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.02	24.07	25.5	0
5	QPSK	1	12	24.05	24.06	24.01		
5	QPSK	1	24	23.99	24.05	24.02		
5	QPSK	12	0	23.14	23.17	23.17	24.5	1
5	QPSK	12	7	23.06	23.02	23.05		
5	QPSK	12	13	23.05	23.13	23.05		
5	QPSK	25	0	23.08	23.00	23.04		
5	16QAM	1	0	23.61	23.60	23.62	24.5	1
5	16QAM	1	12	23.57	23.54	23.52		
5	16QAM	1	24	23.43	23.44	23.44		
5	16QAM	12	0	22.04	22.00	22.08	23.5	2
5	16QAM	12	7	22.08	22.03	22.03		
5	16QAM	12	13	22.11	22.10	22.02		
5	16QAM	25	0	22.02	22.03	21.99		
5	64QAM	1	0	22.13	22.11	22.18	23.5	2
5	64QAM	1	12	22.78	22.70	22.73		
5	64QAM	1	24	22.35	22.34	22.40		
5	64QAM	12	0	21.08	21.05	20.99	22.5	3
5	64QAM	12	7	21.15	21.08	21.14		
5	64QAM	12	13	21.01	21.05	21.05		
5	64QAM	25	0	21.05	21.06	21.00		
5	256QAM	1	0	19.65	19.58	19.59	20.5	5
5	256QAM	1	12	19.84	19.69	19.66		
5	256QAM	1	24	19.67	19.60	19.60		
5	256QAM	12	0	19.52	19.51	19.52	20.5	5
5	256QAM	12	7	19.51	19.50	19.50		
5	256QAM	12	13	19.52	19.48	19.51		
5	256QAM	25	0	19.51	19.50	19.49		

Band 17_Ant 0

BW [MHz]	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	24.96	24.97	24.82	25.5	0
10	QPSK	1	25	24.77	24.89	24.85		
10	QPSK	1	49	24.68	24.88	24.91		
10	QPSK	25	0	23.87	23.98	23.92	24.5	1
10	QPSK	25	12	23.91	23.97	23.96		
10	QPSK	25	25	23.90	23.87	23.93		
10	QPSK	50	0	23.91	24.06	24.03		
10	16QAM	1	0	24.04	24.20	24.33	24.5	1
10	16QAM	1	25	24.28	24.67	24.11		
10	16QAM	1	49	24.27	24.36	24.50		
10	16QAM	25	0	23.00	22.92	23.04	23.5	2
10	16QAM	25	12	22.97	23.10	22.88		
10	16QAM	25	25	23.01	22.89	22.98		
10	16QAM	50	0	22.94	23.01	23.02		
10	64QAM	1	0	23.50	23.07	22.71	23.5	2
10	64QAM	1	25	22.85	23.16	22.86		
10	64QAM	1	49	23.28	22.60	23.28		
10	64QAM	25	0	22.00	21.99	21.91	22.5	3
10	64QAM	25	12	22.08	22.08	22.00		
10	64QAM	25	25	21.93	21.92	21.91		
10	64QAM	50	0	22.01	22.02	22.00		
10	256QAM	1	0	20.36	20.41	20.33	20.5	5
10	256QAM	1	25	20.26	20.42	20.34		
10	256QAM	1	49	20.05	20.15	20.04		
10	256QAM	25	0	20.23	20.29	20.14	20.5	5
10	256QAM	25	12	20.24	20.35	20.28		
10	256QAM	25	25	20.23	20.28	20.18		
10	256QAM	50	0	20.25	20.31	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.82	24.91	24.71	25.5	0
5	QPSK	1	12	24.66	24.74	24.71		
5	QPSK	1	24	24.57	24.80	24.84		
5	QPSK	12	0	23.78	23.85	23.82	24.5	1
5	QPSK	12	7	23.82	23.81	23.88		
5	QPSK	12	13	23.79	23.76	23.81		
5	QPSK	25	0	23.79	23.92	23.92		
5	16QAM	1	0	23.91	24.05	24.26	24.5	1
5	16QAM	1	12	24.18	24.58	24.01		
5	16QAM	1	24	24.21	24.31	24.40		
5	16QAM	12	0	22.93	22.76	22.96	23.5	2
5	16QAM	12	7	22.85	22.95	22.77		
5	16QAM	12	13	22.95	22.83	22.89		
5	16QAM	25	0	22.83	22.85	22.90		
5	64QAM	1	0	23.43	23.02	22.63	23.5	2
5	64QAM	1	12	22.70	23.00	22.76		
5	64QAM	1	24	23.13	22.47	23.14		
5	64QAM	12	0	21.89	21.93	21.82	22.5	3
5	64QAM	12	7	21.93	22.02	21.87		
5	64QAM	12	13	21.86	21.77	21.76		
5	64QAM	25	0	21.87	21.87	21.89		
5	256QAM	1	0	20.20	20.31	20.20	20.5	5
5	256QAM	1	12	20.18	20.37	20.27		
5	256QAM	1	24	19.93	20.02	19.99		
5	256QAM	12	0	20.17	20.21	20.03	20.5	5
5	256QAM	12	7	20.16	20.21	20.22		
5	256QAM	12	13	20.17	20.16	20.02		
5	256QAM	25	0	20.14	20.15	20.12		

Band 17_Ant 1

BW [MHz]	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	24.05	24.24	23.97	25.5	0
10	QPSK	1	25	24.21	24.05	24.04		
10	QPSK	1	49	24.13	24.19	24.22		
10	QPSK	25	0	23.13	23.24	23.12	24.5	1
10	QPSK	25	12	23.22	23.22	23.16		
10	QPSK	25	25	23.19	23.23	23.15		
10	QPSK	50	0	23.24	23.25	23.17		
10	16QAM	1	0	23.69	23.03	23.34	24.5	1
10	16QAM	1	25	23.83	23.29	23.39		
10	16QAM	1	49	23.62	23.62	23.47		
10	16QAM	25	0	22.26	22.10	22.11	23.5	2
10	16QAM	25	12	22.43	22.28	22.07		
10	16QAM	25	25	22.23	22.26	22.19		
10	16QAM	50	0	22.26	22.24	22.27		
10	64QAM	1	0	22.48	22.49	22.52	23.5	2
10	64QAM	1	25	22.24	22.25	22.47		
10	64QAM	1	49	22.48	22.27	22.45		
10	64QAM	25	0	21.15	21.18	21.17	22.5	3
10	64QAM	25	12	21.27	21.23	21.12		
10	64QAM	25	25	21.19	21.22	21.23		
10	64QAM	50	0	21.22	21.23	21.31		
10	256QAM	1	0	19.47	19.59	19.50	20.5	5
10	256QAM	1	25	19.61	19.73	19.61		
10	256QAM	1	49	19.46	19.51	19.42		
10	256QAM	25	0	19.37	19.47	19.38	20.5	5
10	256QAM	25	12	19.49	19.56	19.51		
10	256QAM	25	25	19.48	19.53	19.39		
10	256QAM	50	0	19.51	19.59	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.10	23.90	25.5	0
5	QPSK	1	12	24.07	23.97	23.89		
5	QPSK	1	24	24.07	24.06	24.15		
5	QPSK	12	0	22.97	23.08	22.97	24.5	1
5	QPSK	12	7	23.08	23.11	23.07		
5	QPSK	12	13	23.09	23.15	23.04		
5	QPSK	25	0	23.16	23.09	23.10		
5	16QAM	1	0	23.63	22.90	23.28	24.5	1
5	16QAM	1	12	23.73	23.20	23.28		
5	16QAM	1	24	23.56	23.74	23.39		
5	16QAM	12	0	22.15	22.01	22.06	23.5	2
5	16QAM	12	7	22.34	22.12	22.02		
5	16QAM	12	13	22.15	22.19	22.10		
5	16QAM	25	0	22.15	22.14	22.11		
5	64QAM	1	0	22.37	22.36	22.40	23.5	2
5	64QAM	1	12	22.11	22.12	22.31		
5	64QAM	1	24	22.39	22.14	22.31		
5	64QAM	12	0	21.10	21.12	21.09	22.5	3
5	64QAM	12	7	21.17	21.08	20.98		
5	64QAM	12	13	21.10	21.16	21.14		
5	64QAM	25	0	21.11	21.13	21.21		
5	256QAM	1	0	19.31	19.49	19.36	20.5	5
5	256QAM	1	12	19.48	19.67	19.49		
5	256QAM	1	24	19.31	19.36	19.28		
5	256QAM	12	0	19.28	19.39	19.33	20.5	5
5	256QAM	12	7	19.37	19.40	19.42		
5	256QAM	12	13	19.41	19.48	19.33		
5	256QAM	25	0	19.42	19.43	19.41		

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.36	24.50	24.35	25.5	0
20	QPSK	1	49	24.24	24.26	24.28		
20	QPSK	1	99	24.29	24.26	23.95		
20	QPSK	50	0	23.30	23.35	23.23	24.5	1
20	QPSK	50	24	23.28	23.20	23.30		
20	QPSK	50	50	23.29	23.22	23.25		
20	QPSK	100	0	23.28	23.35	23.29		
20	16QAM	1	0	23.27	23.73	23.88	24.5	1
20	16QAM	1	49	23.83	23.32	23.86		
20	16QAM	1	99	23.53	23.71	23.51		
20	16QAM	50	0	22.31	22.28	22.30	23.5	2
20	16QAM	50	24	22.33	22.42	22.30		
20	16QAM	50	50	22.26	22.44	22.28		
20	16QAM	100	0	22.32	22.45	22.25		
20	64QAM	1	0	22.23	22.50	22.20	23.5	2
20	64QAM	1	49	22.47	22.68	22.44		
20	64QAM	1	99	22.87	22.71	22.63		
20	64QAM	50	0	21.27	21.43	21.41	22.5	3
20	64QAM	50	24	21.36	21.44	21.33		
20	64QAM	50	50	21.33	21.31	21.49		
20	64QAM	100	0	21.32	21.36	21.41		
20	256QAM	1	0	19.58	19.64	19.45	20.5	5
20	256QAM	1	49	19.47	19.51	19.42		
20	256QAM	1	99	19.86	20.05	19.89		
20	256QAM	50	0	19.42	19.50	19.40	20.5	5
20	256QAM	50	24	19.50	19.58	19.44		
20	256QAM	50	50	19.59	19.66	19.58		
20	256QAM	100	0	19.65	19.60	19.53		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.45	24.44	24.40	25.5	0
15	QPSK	1	37	24.31	24.36	24.31		
15	QPSK	1	74	24.26	24.34	24.25		
15	QPSK	36	0	23.37	23.37	23.37	24.5	1
15	QPSK	36	20	23.21	23.23	23.21		
15	QPSK	36	39	23.29	23.33	23.30		
15	QPSK	75	0	23.31	23.31	23.32		
15	16QAM	1	0	23.81	23.78	23.75	24.5	1
15	16QAM	1	37	23.38	23.34	23.32		
15	16QAM	1	74	23.77	23.72	23.72		
15	16QAM	36	0	22.23	22.26	22.20	23.5	2
15	16QAM	36	20	22.42	22.42	22.44		
15	16QAM	36	39	22.39	22.39	22.37		
15	16QAM	75	0	22.32	22.35	22.37		
15	64QAM	1	0	22.52	22.47	22.47	23.5	2
15	64QAM	1	37	22.78	22.78	22.78		
15	64QAM	1	74	22.73	22.69	22.65		
15	64QAM	36	0	21.50	21.51	21.49	22.5	3
15	64QAM	36	20	21.44	21.45	21.44		
15	64QAM	36	39	21.36	21.38	21.44		
15	64QAM	75	0	21.38	21.31	21.39		
15	256QAM	1	0	19.62	19.64	19.59	20.5	5
15	256QAM	1	37	19.53	19.52	19.48		
15	256QAM	1	74	20.06	20.04	20.05		
15	256QAM	36	0	19.49	19.50	19.50	20.5	5
15	256QAM	36	20	19.69	19.63	19.63		
15	256QAM	36	39	19.61	19.56	19.54		
15	256QAM	75	0	19.75	19.69	19.72		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.44	24.44	24.49	25.5	0
10	QPSK	1	25	24.36	24.24	24.29		
10	QPSK	1	49	24.17	24.15	24.21		
10	QPSK	25	0	23.38	23.25	23.33	24.5	1
10	QPSK	25	12	23.17	23.25	23.25		
10	QPSK	25	25	23.31	23.20	23.37		
10	QPSK	50	0	23.30	23.35	23.35		
10	16QAM	1	0	23.83	23.78	23.78	24.5	1
10	16QAM	1	25	23.34	23.32	23.34		
10	16QAM	1	49	23.77	23.63	23.72		
10	16QAM	25	0	22.26	22.39	22.25	23.5	2
10	16QAM	25	12	22.34	22.39	22.40		
10	16QAM	25	25	22.38	22.37	22.42		
10	16QAM	50	0	22.32	22.40	22.37		
10	64QAM	1	0	22.47	22.54	22.53	23.5	2
10	64QAM	1	25	22.83	22.67	22.83		
10	64QAM	1	49	22.68	22.65	22.74		
10	64QAM	25	0	21.52	21.48	21.52	22.5	3
10	64QAM	25	12	21.49	21.44	21.42		
10	64QAM	25	25	21.42	21.20	21.38		
10	64QAM	50	0	21.39	21.38	21.27		
10	256QAM	1	0	19.57	19.56	19.60	20.5	5
10	256QAM	1	25	19.49	19.64	19.55		
10	256QAM	1	49	20.09	20.04	20.08		
10	256QAM	25	0	19.53	19.54	19.51	20.5	5
10	256QAM	25	12	19.62	19.59	19.66		
10	256QAM	25	25	19.54	19.57	19.59		
10	256QAM	50	0	19.78	19.69	19.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.42	24.42	24.40	25.5	0
5	QPSK	1	12	24.30	24.20	24.34		
5	QPSK	1	24	24.23	24.29	24.25		
5	QPSK	12	0	23.39	23.32	23.43	24.5	1
5	QPSK	12	7	23.17	23.21	23.21		
5	QPSK	12	13	23.27	23.15	23.33		
5	QPSK	25	0	23.36	23.30	23.35		
5	16QAM	1	0	23.75	23.72	23.79	24.5	1
5	16QAM	1	12	23.28	23.28	23.27		
5	16QAM	1	24	23.76	23.70	23.67		
5	16QAM	12	0	22.26	22.22	22.30	23.5	2
5	16QAM	12	7	22.40	22.42	22.43		
5	16QAM	12	13	22.36	22.36	22.35		
5	16QAM	25	0	22.40	22.40	22.35		
5	64QAM	1	0	22.46	22.46	22.44	23.5	2
5	64QAM	1	12	22.81	22.69	22.83		
5	64QAM	1	24	22.75	22.75	22.71		
5	64QAM	12	0	21.53	21.47	21.44	22.5	3
5	64QAM	12	7	21.49	21.49	21.48		
5	64QAM	12	13	21.37	21.20	21.36		
5	64QAM	25	0	21.36	21.28	21.33		
5	256QAM	1	0	19.64	19.60	19.56	20.5	5
5	256QAM	1	12	19.53	19.56	19.49		
5	256QAM	1	24	20.09	20.01	20.05		
5	256QAM	12	0	19.48	19.56	19.58	20.5	5
5	256QAM	12	7	19.57	19.68	19.66		
5	256QAM	12	13	19.62	19.63	19.60		
5	256QAM	25	0	19.70	19.57	19.76		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.38	24.42	24.47	25.5	0
3	QPSK	1	8	24.31	24.29	24.30		
3	QPSK	1	14	24.26	24.16	24.28		
3	QPSK	8	0	23.39	23.36	23.40	24.5	1
3	QPSK	8	4	23.19	23.22	23.21		
3	QPSK	8	7	23.29	23.23	23.27		
3	QPSK	15	0	23.31	23.39	23.31		
3	16QAM	1	0	23.77	23.65	23.78	24.5	1
3	16QAM	1	8	23.31	23.32	23.34		
3	16QAM	1	14	23.69	23.76	23.66		
3	16QAM	8	0	22.24	22.40	22.27	23.5	2
3	16QAM	8	4	22.48	22.41	22.45		
3	16QAM	8	7	22.39	22.45	22.40		
3	16QAM	15	0	22.38	22.41	22.35		
3	64QAM	1	0	22.55	22.55	22.47	23.5	2
3	64QAM	1	8	22.81	22.75	22.78		
3	64QAM	1	14	22.74	22.81	22.66		
3	64QAM	8	0	21.49	21.54	21.51	22.5	3
3	64QAM	8	4	21.42	21.45	21.40		
3	64QAM	8	7	21.39	21.34	21.34		
3	64QAM	15	0	21.38	21.30	21.32		
3	256QAM	1	0	19.65	19.73	19.60	20.5	5
3	256QAM	1	8	19.50	19.53	19.46		
3	256QAM	1	14	20.04	19.97	20.00		
3	256QAM	8	0	19.55	19.62	19.46	20.5	5
3	256QAM	8	4	19.61	19.57	19.68		
3	256QAM	8	7	19.56	19.69	19.61		
3	256QAM	15	0	19.67	19.64	19.73		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.12	24.40	24.15	25.5	0
1.4	QPSK	1	3	24.19	24.15	24.23		
1.4	QPSK	1	5	24.19	24.08	23.85		
1.4	QPSK	3	0	23.99	24.25	23.94	24.5	1
1.4	QPSK	3	1	24.12	24.10	24.11		
1.4	QPSK	3	3	24.00	23.99	23.77		
1.4	QPSK	6	0	23.23	23.29	23.18	24.5	1
1.4	16QAM	1	0	23.17	23.68	23.75	24.5	1
1.4	16QAM	1	3	23.81	23.21	23.82		
1.4	16QAM	1	5	23.44	23.59	23.45		
1.4	16QAM	3	0	23.14	23.59	23.70		
1.4	16QAM	3	1	23.55	23.08	23.50		
1.4	16QAM	3	3	23.45	23.33	23.38		
1.4	16QAM	6	0	22.27	22.28	22.05	23.5	2
1.4	64QAM	1	0	22.18	22.46	22.05	23.5	2
1.4	64QAM	1	3	22.40	22.50	22.27		
1.4	64QAM	1	5	22.74	22.64	22.54		
1.4	64QAM	3	0	21.95	22.21	21.94		
1.4	64QAM	3	1	22.27	22.50	22.33		
1.4	64QAM	3	3	22.80	22.39	22.38		
1.4	64QAM	6	0	21.21	21.15	21.20	22.5	3
1.4	256QAM	1	0	19.53	19.44	19.40	20.5	5
1.4	256QAM	1	3	19.34	19.48	19.32		
1.4	256QAM	1	5	19.75	19.89	19.84		
1.4	256QAM	3	0	19.25	19.40	19.34		
1.4	256QAM	3	1	19.48	19.43	19.38		
1.4	256QAM	3	3	19.42	19.56	19.44		
1.4	256QAM	6	0	19.53	19.54	19.47	20.5	5

Band 25_Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.04	24.08	24.02	25.5	0
20	QPSK	1	49	23.87	23.84	23.85		
20	QPSK	1	99	23.86	23.97	23.95		
20	QPSK	50	0	23.00	23.13	23.06	24.5	1
20	QPSK	50	24	22.98	23.12	23.09		
20	QPSK	50	50	22.93	23.04	22.97		
20	QPSK	100	0	22.90	23.08	22.95		
20	16QAM	1	0	22.81	23.51	23.45	24.5	1
20	16QAM	1	49	23.07	23.09	23.43		
20	16QAM	1	99	23.32	22.87	23.06		
20	16QAM	50	0	21.99	22.04	22.14	23.5	2
20	16QAM	50	24	22.17	22.12	22.03		
20	16QAM	50	50	21.95	22.06	22.18		
20	16QAM	100	0	22.01	22.13	22.09		
20	64QAM	1	0	21.98	22.40	22.41	23.5	2
20	64QAM	1	49	22.10	22.19	21.97		
20	64QAM	1	99	21.55	21.73	22.20		
20	64QAM	50	0	21.02	21.06	21.21	22.5	3
20	64QAM	50	24	20.96	21.10	21.05		
20	64QAM	50	50	20.82	21.08	21.06		
20	64QAM	100	0	21.10	21.07	21.10		
20	256QAM	1	0	19.18	19.33	19.20	20.5	5
20	256QAM	1	49	19.31	19.43	19.31		
20	256QAM	1	99	19.34	19.51	19.36		
20	256QAM	50	0	19.15	19.24	19.18	20.5	5
20	256QAM	50	24	19.20	19.30	19.35		
20	256QAM	50	50	19.32	19.47	19.33		
20	256QAM	100	0	19.25	19.36	19.20		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.85	23.85	23.85	25.5	0
15	QPSK	1	37	23.72	23.75	23.80		
15	QPSK	1	74	23.72	23.94	23.84		
15	QPSK	36	0	22.87	22.94	23.00	24.5	1
15	QPSK	36	20	22.93	23.00	23.00		
15	QPSK	36	39	22.86	23.00	22.90		
15	QPSK	75	0	22.80	22.91	22.83		
15	16QAM	1	0	22.80	23.35	23.33	24.5	1
15	16QAM	1	37	22.95	22.98	23.29		
15	16QAM	1	74	23.16	22.71	23.00		
15	16QAM	36	0	21.88	21.97	22.12	23.5	2
15	16QAM	36	20	22.06	21.97	21.88		
15	16QAM	36	39	21.88	21.95	22.14		
15	16QAM	75	0	21.88	22.04	21.99		
15	64QAM	1	0	21.86	22.29	22.27	23.5	2
15	64QAM	1	37	21.86	22.17	21.88		
15	64QAM	1	74	21.60	21.59	22.08		
15	64QAM	36	0	20.90	20.92	21.11	22.5	3
15	64QAM	36	20	20.92	21.01	21.03		
15	64QAM	36	39	20.84	21.01	20.93		
15	64QAM	75	0	20.99	20.95	21.01		
15	256QAM	1	0	19.00	19.25	19.11	20.5	5
15	256QAM	1	37	19.26	19.30	19.18		
15	256QAM	1	74	19.29	19.40	19.28		
15	256QAM	36	0	19.12	19.13	19.13	20.5	5
15	256QAM	36	20	19.12	19.23	19.03		
15	256QAM	36	39	19.26	19.32	19.16		
15	256QAM	75	0	19.13	19.27	19.12		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.78	23.81	23.86	25.5	0
10	QPSK	1	25	23.72	23.80	23.77		
10	QPSK	1	49	23.71	23.87	23.85		
10	QPSK	25	0	22.91	22.99	22.99	24.5	1
10	QPSK	25	12	22.87	23.03	23.02		
10	QPSK	25	25	22.80	22.93	22.89		
10	QPSK	50	0	22.86	22.88	22.83		
10	16QAM	1	0	22.74	23.33	23.32	24.5	1
10	16QAM	1	25	22.98	22.97	23.32	

Band 26_Ant 0

BW [MHz]	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	24.34	24.41	24.24	25	0
15	QPSK	1	37	24.21	24.36	24.15		
15	QPSK	1	74	24.09	24.12	24.24		
15	QPSK	36	0	23.29	23.35	23.20	24	1
15	QPSK	36	20	23.18	23.28	23.28		
15	QPSK	36	39	23.21	23.33	23.09		
15	QPSK	75	0	23.30	23.34	23.19		
15	16QAM	1	0	23.67	23.46	23.63	24	1
15	16QAM	1	37	23.52	23.10	23.66		
15	16QAM	1	74	23.09	23.86	23.46		
15	16QAM	36	0	22.33	22.22	22.34	23	2
15	16QAM	36	20	22.28	22.20	22.24		
15	16QAM	36	39	22.22	22.27	22.42		
15	16QAM	75	0	22.21	22.32	22.22		
15	64QAM	1	0	22.09	22.25	22.60	23	2
15	64QAM	1	37	21.93	22.25	22.25		
15	64QAM	1	74	22.29	22.71	22.47		
15	64QAM	36	0	21.16	21.35	21.17	22	3
15	64QAM	36	20	21.31	21.37	21.26		
15	64QAM	36	39	21.27	21.29	21.28		
15	64QAM	75	0	21.36	21.22	21.27		
15	256QAM	1	0	19.71	19.71	19.65	20	5
15	256QAM	1	37	19.41	19.46	19.46		
15	256QAM	1	74	19.57	19.58	19.63		
15	256QAM	36	0	19.54	19.74	19.58	20	5
15	256QAM	36	20	19.54	19.65	19.54		
15	256QAM	36	39	19.51	19.76	19.58		
15	256QAM	75	0	19.40	19.58	19.44		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.24	24.33	25	0
10	QPSK	1	25	24.19	24.31	24.13		
10	QPSK	1	49	24.13	24.12	24.25		
10	QPSK	25	0	23.18	23.24	23.28	24	1
10	QPSK	25	12	23.30	23.31	23.09		
10	QPSK	25	25	23.34	23.25	23.15		
10	QPSK	50	0	23.38	23.44	23.15		
10	16QAM	1	0	23.54	23.45	23.51	24	1
10	16QAM	1	25	23.52	22.95	23.70		
10	16QAM	1	49	23.09	23.75	23.46		
10	16QAM	25	0	22.33	22.27	22.27	23	2
10	16QAM	25	12	22.38	22.30	22.26		
10	16QAM	25	25	22.17	22.27	22.32		
10	16QAM	50	0	22.35	22.24	22.26		
10	64QAM	1	0	22.10	22.23	22.59	23	2
10	64QAM	1	25	22.05	21.94	22.19		
10	64QAM	1	49	22.28	22.71	22.50		
10	64QAM	25	0	21.27	21.17	21.23	22	3
10	64QAM	25	12	21.19	21.21	21.41		
10	64QAM	25	25	21.44	21.37	21.25		
10	64QAM	50	0	21.40	21.27	21.18		
10	256QAM	1	0	19.76	19.65	19.68	20	5
10	256QAM	1	25	19.55	19.52	19.37		
10	256QAM	1	49	19.64	19.61	19.51		
10	256QAM	25	0	19.47	19.79	19.54	20	5
10	256QAM	25	12	19.47	19.65	19.54		
10	256QAM	25	25	19.54	19.73	19.64		
10	256QAM	50	0	19.44	19.52	19.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.27	24.26	24.16	25	0
5	QPSK	1	12	24.28	24.28	24.15		
5	QPSK	1	24	24.21	24.01	24.16		
5	QPSK	12	0	23.34	23.33	23.11	24	1
5	QPSK	12	7	23.37	23.33	23.14		
5	QPSK	12	13	23.34	23.40	23.17		
5	QPSK	25	0	23.34	23.44	23.20		
5	16QAM	1	0	23.64	23.57	23.60	24	1
5	16QAM	1	12	23.47	22.98	23.75		
5	16QAM	1	24	23.25	23.80	23.50		
5	16QAM	12	0	22.39	22.30	22.25	23	2
5	16QAM	12	7	22.39	22.25	22.23		
5	16QAM	12	13	22.26	22.28	22.35		
5	16QAM	25	0	22.39	22.25	22.26		
5	64QAM	1	0	22.12	22.23	22.57	23	2
5	64QAM	1	12	22.18	21.97	22.34		
5	64QAM	1	24	22.22	22.77	22.53		
5	64QAM	12	0	21.32	21.30	21.12	22	3
5	64QAM	12	7	21.17	21.27	21.32		
5	64QAM	12	13	21.32	21.41	21.37		
5	64QAM	25	0	21.34	21.24	21.24		
5	256QAM	1	0	19.57	19.65	19.56	20	5
5	256QAM	1	12	19.53	19.62	19.50		
5	256QAM	1	24	19.65	19.77	19.57		
5	256QAM	12	0	19.57	19.62	19.66	20	5
5	256QAM	12	7	19.49	19.65	19.57		
5	256QAM	12	13	19.42	19.58	19.54		
5	256QAM	25	0	19.55	19.68	19.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.28	24.29	25	0
3	QPSK	1	8	24.23	24.23	24.20		
3	QPSK	1	14	24.19	24.06	24.26		
3	QPSK	8	0	23.29	23.33	23.21	24	1
3	QPSK	8	4	23.21	23.23	23.10		
3	QPSK	8	7	23.23	23.42	23.09		
3	QPSK	15	0	23.28	23.30	23.17		
3	16QAM	1	0	23.67	23.45	23.54	24	1
3	16QAM	1	8	23.52	22.94	23.79		
3	16QAM	1	14	23.12	23.78	23.37		
3	16QAM	8	0	22.37	22.27	22.27	23	2
3	16QAM	8	4	22.29	22.18	22.28		
3	16QAM	8	7	22.12	22.30	22.33		
3	16QAM	15	0	22.26	22.25	22.39		
3	64QAM	1	0	22.15	22.17	22.47	23	2
3	64QAM	1	8	22.03	22.09	22.27		
3	64QAM	1	14	22.26	22.77	22.53		
3	64QAM	8	0	21.22	21.32	21.26	22	3
3	64QAM	8	4	21.17	21.22	21.39		
3	64QAM	8	7	21.42	21.20	21.20		
3	64QAM	15	0	21.39	21.24	21.25		
3	256QAM	1	0	19.71	19.79	19.66	20	5
3	256QAM	1	8	19.37	19.47	19.42		
3	256QAM	1	14	19.52	19.75	19.46		
3	256QAM	8	0	19.45	19.72	19.59	20	5
3	256QAM	8	4	19.60	19.53	19.45		
3	256QAM	8	7	19.56	19.75	19.44		
3	256QAM	15	0	19.56	19.51	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.34	24.27	25	0
1.4	QPSK	1	3	24.05	24.16	24.05		
1.4	QPSK	1	5	23.98	23.86	24.08		
1.4	QPSK	3	0	24.09	24.13	24.15		
1.4	QPSK	3	1	24.06	24.20	24.09		
1.4	QPSK	3	3	23.98	23.95	24.05		
1.4	QPSK	6	0	23.12	23.30	23.17	24	1
1.4	16QAM	1	0	23.47	23.53	23.52	24	1
1.4	16QAM	1	3	23.42	22.97	23.74		
1.4	16QAM	1	5	22.93	23.72	23.27		
1.4	16QAM	3	0	23.48	23.38	23.39		
1.4	16QAM	3	1	23.14	22.84	23.56		
1.4	16QAM	3	3	22.82	23.52	23.18		
1.4	16QAM	6	0	22.26	22.21	22.30	23	2
1.4	64QAM	1	0	22.00	22.11	22.57	23	2
1.4	64QAM	1	3	21.91	21.94	22.25		
1.4	64QAM	1	5	22.03	22.78	22.28		
1.4	64QAM	3	0	22.01	22.16	22.30		
1.4	64QAM	3	1	21.92	21.73	21.99		
1.4	64QAM	3	3	22.04	22.51	22.30		
1.4	64QAM	6	0	21.31	21.17	21.03	22	3
1.4	256QAM	1	0	19.65	19.67	19.52	20	5
1.4	256QAM	1	3	19.27	19.54	19.34		
1.4	256QAM	1	5	19.49	19.50	19.31		
1.4	256QAM	3	0	19.71	20.08	19.95		
1.4	256QAM	3	1	19.50	19.66	19.46		
1.4	256QAM	3	3	19.47	19.47	19.30		
1.4	256QAM	6	0	19.31	19.53	19.33	20	5

Band 26_Ant 1

BW [MHz]	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	23.97	24.04	24.03	25.5	0
15	QPSK	1	37	23.96	23.97	24.02		
15	QPSK	1	74	23.92	24.01	23.98		
15	QPSK	36	0	23.04	23.12	23.11	24.5	1
15	QPSK	36	20	23.08	23.01	23.09		
15	QPSK	36	39	23.01	23.07	23.00		
15	QPSK	75	0	23.03	23.08	23.01		
15	16QAM	1	0	23.30	22.91	23.18	24.5	1
15	16QAM	1	37	23.02	23.30	23.29		
15	16QAM	1	74	23.49	23.45	22.95		
15	16QAM	36	0	22.10	22.11	22.14	23.5	2
15	16QAM	36	20	22.12	22.10	22.13		
15	16QAM	36	39	22.25	22.16	22.18		
15	16QAM	75	0	22.17	22.16	22.04		
15	64QAM	1	0	22.50	22.35	21.99	23.5	2
15	64QAM	1	37	22.31	22.24	22.12		
15	64QAM	1	74	22.60	22.11	22.31		
15	64QAM	36	0	21.05	21.17	21.04	22.5	3
15	64QAM	36	20	21.11	21.11	21.15		
15	64QAM	36	39	21.03	21.23	21.26		
15	64QAM	75	0	21.12	21.07	21.09		
15	256QAM	1	0	19.30	19.43	19.29	20.5	5
15	256QAM	1	37	19.47	19.56	19.44		
15	256QAM	1	74	19.38	19.54	19.40		
15	256QAM	36	0	19.28	19.36	19.20	20.5	5
15	256QAM	36	20	19.32	19.42	19.19		
15	256QAM	36	39	19.30	19.41	19.29		
15	256QAM	75	0	19.24	19.40	19.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.91	23.99	23.94	25.5	0
10	QPSK	1	25	23.90	23.89	23.92		
10	QPSK	1	49	23.84	23.93	23.90		
10	QPSK	25	0	22.90	23.02	22.99	24.5	1
10	QPSK	25	12	23.02	22.97	22.96		
10	QPSK	25	25	22.91	22.99	22.90		
10	QPSK	50	0	22.96	22.99	22.92		
10	16QAM	1	0	23.14	22.97	23.08	24.5	1
10	16QAM	1	25	22.89	23.17	23.22		
10	16QAM	1	49	23.39	23.59	22.92		
10	16QAM	25	0	22.02	21.98	21.99	23.5	2
10	16QAM	25	12	22.01	21.96	22.05		
10	16QAM	25	25	22.13	22.00	22.09		
10	16QAM	50	0	22.12	22.00	21.93		
10	64QAM	1	0	22.40	22.21	21.93	23.5	2
10	64QAM	1	25	22.45	22.08	22.07		
10	64QAM	1	49	22.49	22.03	22.23		
10	64QAM	25	0	20.89	21.01	20.90	22.5	3
10	64QAM	25	12	21.13	21.01	21.01		
10	64QAM	25	25	20.91	21.15	21.10		
10	64QAM	50	0	20.97	20.91	21.00		
10	256QAM	1	0	19.40	19.57	19.19	20.5	5
10	256QAM	1	25	19.37	19.50	19.39		
10	256QAM	1	49	19.26	19.43	19.27		
10	256QAM	25	0	19.27	19.28	19.05	20.5	5
10	256QAM	25	12	19.15	19.14	19.11		
10	256QAM	25	25	19.18	19.25	19.24		
10	256QAM	50	0	19.14	19.26	19.22		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.97	23.89	23.92	25.5	0
5	QPSK	1	12	23.91	23.89	23.95		
5	QPSK	1	24	23.91	23.98	23.90		
5	QPSK	12	0	22.93	22.96	23.03	24.5	1
5	QPSK	12	7	23.00	22.94	22.98		
5	QPSK	12	13	22.95	22.95	22.97		
5	QPSK	25	0	22.95	22.95	22.89		
5	16QAM	1	0	23.23	22.90	23.09	24.5	1
5	16QAM	1	12	22.92	23.23	23.18		
5	16QAM	1	24	23.36	23.50	22.89		
5	16QAM	12	0	21.99	21.99	22.03	23.5	2
5	16QAM	12	7	22.00	22.00	22.03		
5	16QAM	12	13	22.12	22.01	22.09		
5	16QAM	25	0	22.03	22.02	21.97		
5	64QAM	1	0	21.38	22.19	21.93	23.5	2
5	64QAM	1	12	22.46	22.10	22.05		
5	64QAM	1	24	22.51	22.00	22.23		
5	64QAM	12	0	20.92	20.99	20.91	22.5	3
5	64QAM	12	7	21.06	21.00	21.06		
5	64QAM	12	13	20.96	21.15	21.13		
5	64QAM	25	0	20.97	20.93	20.93		
5	256QAM	1	0	19.25	19.35	19.15	20.5	5
5	256QAM	1	12	19.35	19.49	19.39		
5	256QAM	1	24	19.23	19.43	19.26		
5	256QAM	12	0	19.23	19.23	19.15	20.5	5
5	256QAM	12	7	19.14	19.14	19.05		
5	256QAM	12	13	19.22	19.30	19.23		
5	256QAM	25	0	19.17	19.29	19.14		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.90	23.97	25.5	0
3	QPSK	1	8	23.90	23.94	23.90		
3	QPSK	1	14	23.94	23.96	23.91		
3	QPSK	8	0	23.02	23.04	23.01	24.5	1
3	QPSK	8	4	23.00	22.92	22.95		
3	QPSK	8	7	22.97	22.94	22.95		
3	QPSK	15	0	22.90	22.98	22.93		
3	16QAM	1	0	23.23	22.90	23.05	24.5	1
3	16QAM	1	8	22.94	23.24	23.15		
3	16QAM	1	14	23.35	23.51	22.90		
3	16QAM	8	0	22.03	22.03	22.05	23.5	2
3	16QAM	8	4	21.98	21.94	22.00		
3	16QAM	8	7	22.18	22.04	22.16		
3	16QAM	15	0	22.05	22.07	21.95		
3	64QAM	1	0	22.41	22.29	21.93	23.5	2
3	64QAM	1	8	22.45	22.16	22.08		
3	64QAM	1	14	22.51	22.03	22.23		
3	64QAM	8	0	20.95	21.12	20.89	22.5	3
3	64QAM	8	4	21.11	20.97	21.01		
3	64QAM	8	7	21.16	21.17	21.16		
3	64QAM	15	0	21.08	20.94	21.02		
3	256QAM	1	0	19.17	19.38	19.19	20.5	5
3	256QAM	1	8	19.35	19.43	19.38		
3	256QAM	1	14	19.32	19.47	19.34		
3	256QAM	8	0	19.14	19.27	19.14	20.5	5
3	256QAM	8	4	19.12	19.14	19.04		
3	256QAM	8	7	19.21	19.29	19.17		
3	256QAM	15	0	19.09	19.32	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.99	24.02	24.00	25.5	0
1.4	QPSK	1	3	24.01	24.03	24.01		
1.4	QPSK	1	5	24.02	23.97	23.97		
1.4	QPSK	3	0	23.90	23.93	23.93		
1.4	QPSK	3	1	23.91	23.91	23.89		
1.4	QPSK	3	3	23.93	23.91	23.91		
1.4	QPSK	6	0	23.12	23.10	23.05	24.5	1
1.4	16QAM	1	0	23.34	22.91	23.26	24.5	1
1.4	16QAM	1	3	23.03	23.38	23.30		
1.4	16QAM	1	5	22.96	23.71	22.98		
1.4	16QAM	3	0	23.20	23.24	23.14		
1.4	16QAM	3	1	22.90	23.29	23.22		
1.4	16QAM	3	3	23.29	23.62	22.92		
1.4	16QAM	6	0	22.17	22.24	22.12	23.5	2
1.4	64QAM	1	0	22.56	22.37	21.99	23.5	2
1.4	64QAM	1	3	22.60	22.32	22.19		
1.4	64QAM	1	5	22.59	22.12	22.41		
1.4	64QAM	3	0	22.42	22.29	21.91		
1.4	64QAM	3	1	22.53	22.16	22.09		
1.4	64QAM	3	3	22.54	21.99	22.28		
1.4	64QAM	6	0	21.16	21.09	21.14	22.5	3
1.4	256QAM	1	0	19.29	19.51	19.37	20.5	5
1.4	256QAM	1	3	19.54	19.55	19.43		
1.4	256QAM	1	5	19.42	19.55	19.45		
1.4	256QAM	3	0	19.32	19.46	19.28		
1.4	256QAM	3	1	19.25	19.31	19.19		
1.4	256QAM	3	3	19.37	19.45	19.28		
1.4	256QAM	6	0	19.23	19.42	19.40	20.5	5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.43	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.30	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.80	20.55	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.42	19.35		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	18.34	18.34	18.38		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71	18	5
20	256QAM	1	49	16.85	16.71	16.55		
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60	18	5
20	256QAM	50	24	16.72	16.79	16.72		
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.31	20.21		
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.36	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.30	19.32		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.31	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.40	16.53	16.47	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09	23	0
10	QPSK	1	25	21.07	21.44	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.22	19.

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44	24.5	0
20	QPSK	1	49	23.12	23.41	23.42		
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.30	22.62	22.59	23.5	1
20	QPSK	50	24	22.23	22.61	22.61		
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	22.57	23.10	22.70	23.5	1
20	16QAM	1	49	22.65	23.10	22.93		
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71	22.5	2
20	16QAM	50	24	21.37	21.59	21.73		
20	16QAM	50	50	21.42	21.57	21.60		
20	16QAM	100	0	21.37	21.58	21.54		
20	64QAM	1	0	21.61	21.76	22.16	22.5	2
20	64QAM	1	49	21.68	21.75	21.98		
20	64QAM	1	99	21.66	21.30	22.02		
20	64QAM	50	0	20.25	20.62	20.70	21.5	3
20	64QAM	50	24	20.45	20.56	20.58		
20	64QAM	50	50	20.30	20.45	20.67		
20	64QAM	100	0	20.29	20.53	20.55		
20	256QAM	1	0	18.62	18.76	18.60	19.5	5
20	256QAM	1	49	18.84	18.93	18.83		
20	256QAM	1	99	18.64	18.89	18.64		
20	256QAM	50	0	18.53	18.61	18.59	19.5	5
20	256QAM	50	24	18.49	18.67	18.52		
20	256QAM	50	50	18.54	18.64	18.52		
20	256QAM	100	0	18.64	18.73	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.23	23.48	23.48	24.5	0
15	QPSK	1	37	23.11	23.43	23.42		
15	QPSK	1	74	23.28	23.49	23.43		
15	QPSK	36	0	22.30	22.62	22.58	23.5	1
15	QPSK	36	20	22.25	22.60	22.60		
15	QPSK	36	39	22.28	22.51	22.58		
15	QPSK	75	0	22.32	22.48	22.37		
15	16QAM	1	0	22.56	23.10	22.68	23.5	1
15	16QAM	1	37	22.62	23.10	22.93		
15	16QAM	1	74	22.48	22.76	22.57		
15	16QAM	36	0	21.12	21.71	21.71	22.5	2
15	16QAM	36	20	21.40	21.59	21.70		
15	16QAM	36	39	21.43	21.60	21.59		
15	16QAM	75	0	21.37	21.63	21.53		
15	64QAM	1	0	21.60	21.81	22.13	22.5	2
15	64QAM	1	37	21.68	21.75	22.00		
15	64QAM	1	74	21.68	21.31	22.00		
15	64QAM	36	0	20.24	20.64	20.67	21.5	3
15	64QAM	36	20	20.47	20.56	20.57		
15	64QAM	36	39	20.29	20.44	20.65		
15	64QAM	75	0	20.30	20.53	20.55		
15	256QAM	1	0	18.60	18.75	18.58	19.5	5
15	256QAM	1	37	18.87	18.93	18.82		
15	256QAM	1	74	18.63	18.74	18.63		
15	256QAM	36	0	18.50	18.61	18.58	19.5	5
15	256QAM	36	20	18.49	18.65	18.55		
15	256QAM	36	39	18.54	18.64	18.51		
15	256QAM	75	0	18.67	18.74	18.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.27	23.48	23.46	24.5	0
10	QPSK	1	25	23.09	23.45	23.42		
10	QPSK	1	49	23.29	23.53	23.40		
10	QPSK	25	0	22.26	22.61	22.58	23.5	1
10	QPSK	25	12	22.27	22.56	22.60		
10	QPSK	25	25	22.32	22.52	22.57		
10	QPSK	50	0	22.32	22.46	22.36		
10	16QAM	1	0	22.58	23.15	22.70	23.5	1
10	16QAM	1	25	22.65	23.08	22.93		
10	16QAM	1	49	22.49	22.78	22.61		
10	16QAM	25	0	21.12	21.75	21.71	22.5	2
10	16QAM	25	12	21.38	21.63	21.73		
10	16QAM	25	25	21.41	21.57	21.62		
10	16QAM	50	0	21.37	21.62	21.57		
10	64QAM	1	0	21.56	21.78	22.15	22.5	2
10	64QAM	1	25	21.66	21.80	21.96		
10	64QAM	1	49	21.86	21.27	21.99		
10	64QAM	25	0	20.24	20.62	20.68	21.5	3
10	64QAM	25	12	20.50	20.59	20.57		
10	64QAM	25	25	20.28	20.48	20.64		
10	64QAM	50	0	20.27	20.50	20.55		
10	256QAM	1	0	18.60	18.73	18.61	19.5	5
10	256QAM	1	25	18.88	18.94	18.83		
10	256QAM	1	49	18.62	18.69	18.61		
10	256QAM	25	0	18.51	18.64	18.57	19.5	5
10	256QAM	25	12	18.52	18.68	18.53		
10	256QAM	25	25	18.53	18.59	18.54		
10	256QAM	50	0	18.65	18.70	18.56		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.24	23.48	23.44	24.5	0
5	QPSK	1	12	23.12	23.46	23.40		
5	QPSK	1	24	23.26	23.50	23.40		
5	QPSK	12	0	22.26	22.61	22.59	23.5	1
5	QPSK	12	7	22.22	22.58	22.63		
5	QPSK	12	13	22.27	22.56	22.58		
5	QPSK	25	0	22.33	22.46	22.37		
5	16QAM	1	0	22.53	23.12	22.69	23.5	1
5	16QAM	1	12	22.65	23.07	22.90		
5	16QAM	1	24	22.47	22.77	22.62		
5	16QAM	12	0	21.13	21.72	21.72	22.5	2
5	16QAM	12	7	21.35	21.60	21.71		
5	16QAM	12	13	21.44	21.59	21.62		
5	16QAM	25	0	21.33	21.60	21.56		
5	64QAM	1	0	21.56	21.79	22.16	22.5	2
5	64QAM	1	12	21.65	21.79	22.00		
5	64QAM	1	24	21.67	21.30	22.00		
5	64QAM	12	0	20.27	20.60	20.67	21.5	3
5	64QAM	12	7	20.45	20.59	20.57		
5	64QAM	12	13	20.31	20.46	20.69		
5	64QAM	25	0	20.26	20.53	20.59		
5	256QAM	1	0	18.60	18.73	18.63	19.5	5
5	256QAM	1	12	18.83	18.96	18.85		
5	256QAM	1	24	18.63	18.70	18.61		
5	256QAM	12	0	18.54	18.61	18.57	19.5	5
5	256QAM	12	7	18.53	18.67	18.56		
5	256QAM	12	13	18.52	18.63	18.56		
5	256QAM	25	0	18.63	18.73	18.80		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.27	23.50	23.46	24.5	0
3	QPSK	1	8	23.13	23.45	23.45		
3	QPSK	1	14	23.26	23.53	23.43		
3	QPSK	8	0	22.27	22.59	22.56	23.5	1
3	QPSK	8	4	22.23	22.61	22.61		
3	QPSK	8	7	22.32	22.56	22.60		
3	QPSK	15	0	22.30	22.47	22.36		
3	16QAM	1	0	22.56	23.10	22.68	23.5	1
3	16QAM	1	8	22.64	23.07	22.88		
3	16QAM	1	14	22.49	22.78	22.61		
3	16QAM	8	0	21.11	21.72	21.75	22.5	2
3	16QAM	8	4	21.38	21.64	21.72		
3	16QAM	8	7	21.40	21.60	21.57		
3	16QAM	15	0	21.36	21.60	21.52		
3	64QAM	1	0	21.58	21.81	22.12	22.5	2
3	64QAM	1	8	21.69	21.80	22.00		
3	64QAM	1	14	21.83	21.28	22.00		
3	64QAM	8	0	20.27	20.63	20.66	21.5	3
3	64QAM	8	4	20.47	20.56	20.60		
3	64QAM	8	7	20.28	20.48	20.68		
3	64QAM	15	0	20.29	20.52	20.57		
3	256QAM	1	0	18.58	18.78	18.59	19.5	5
3	256QAM	1	8	18.85	18.95	18.86		
3	256QAM	1	14	18.62	18.70	18.62		
3	256QAM	8	0	18.51	18.61	18.55	19.5	5
3	256QAM	8	4	18.50	18.69	18.53		
3	256QAM	8	7	18.52	18.61	18.51		
3	256QAM	15	0	18.64	18.73	18.56		
Channel				131917	132322	132727	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.19	23.37	23.34	24.5	0
1.4	QPSK	1	3	23.05	23.34	23.29		
1.4	QPSK	1	5	23.11	23.43	23.30		
1.4	QPSK	3	0	23.08	23.29	23.24	23.5	1
1.4	QPSK	3	1	22.95	23.24	23.12		
1.4	QPSK	3	3	23.06	23.38	23.23		
1.4	QPSK	6	0	22.20	22.36	22.32		
1.4	16QAM	1	0	22.50	22.96	22.63	23.5	1
1.4	16QAM	1	3	22.56	22.99	22.77		
1.4	16QAM	1	5	22.41	22.72	22.54		
1.4	16QAM	3	0	22.40	22.83	22.54		
1.4	16QAM	3	1	22.46	22.62	22.66		
1.4	16QAM	3	3	22.35	22.68	22.45		
1.4	16QAM	6	0	21.23	21.45	21.49	22.5	2
1.4	64QAM	1	0	21.52	21.67	22.01	22.5	2
1.4	64QAM	1	3	21.57	21.65	21.91		
1.4	64QAM	1	5	21.52	21.13	21.84		
1.4	64QAM	3	0	21.37	21.55	21.90		
1.4	64QAM	3	1	21.43	21.57	21.77		
1.4	64QAM	3	3	21.42	21.06	21.70		
1.4	64QAM	6	0	20.22	20.39	20.40	21.5	3
1.4	256QAM	1	0	18.50	18.61	18.46	19.5	5
1.4	256QAM	1	3	18.80	18.82	18.77		
1.4	256QAM	1	5	18.49	18.67	18.49		
1.4	256QAM	3	0	18.39	18.53	18.41		
1.4	256QAM	3	1	18.43	18.49	18.39		
1.4	256QAM	3	3	18.38	18.56	18.45		
1.4	256QAM	6	0	18.54	18.66	18.47	19.5	5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.90	23.04	23.01	24.5	0
20	QPSK	1	49	22.62	22.94	22.93		
20	QPSK	1	99	22.79	23.01	22.92		
20	QPSK	50	0	21.83	22.15	22.13	23.5	1
20	QPSK	50	24	21.75	22.09	22.12		
20	QPSK	50	50	21.80	22.04	22.10		
20	QPSK	100	0	21.87	22.03	21.93		
20	16QAM	1	0	22.08	22.83	22.21	23.5	1
20	16QAM	1	49	22.13	22.59	22.41		
20	16QAM	1	99	21.99	22.29	22.10		
20	16QAM	50	0	20.62	21.24	21.24	22.5	2
20	16QAM	50	24	20.88	21.12	21.23		
20	16QAM	50	50	20.93	21.10	21.10		
20	16QAM	100	0	20.85	21.11	21.05		
20	64QAM	1	0	21.09	21.29	21.64	22.5	2
20	64QAM	1	49	21.18	21.28	21.48		
20	64QAM	1	99	21.16	20.79	21.50		
20	64QAM	50	0	19.75	20.12	20.18	21.5	3
20	64QAM	50	24	19.98	20.07	20.08		
20	64QAM	50	50	19.80	19.97	20.17		
20	64QAM	100	0	19.79	20.03	20.07		
20	256QAM	1	0	18.10	18.26	18.11	19.5	5
20	256QAM	1	49	18.36	18.46	18.34		
20	256QAM	1	99	18.14	18.22	18.13		
20	256QAM	50	0	18.03	18.13	18.07	19.5	5
20	256QAM	50	24	18.02	18.18	18.05		
20	256QAM	50	50	18.02	18.12	18.04		
20	256QAM	100	0	18.16	18.22	18.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.72	22.92	22.88	24.5	0
15	QPSK	1	37	22.52	22.89	22.78		
15	QPSK	1	74	22.72	22.94	22.81		
15	QPSK	36	0	21.68	22.02	22.02	23.5	1
15	QPSK	36	20	21.62	21.94	21.99		
15	QPSK	36	39	21.69	21.97	22.01		
15	QPSK	75	0	21.81	21.91	21.85		
15	16QAM	1	0	22.00	22.53	22.10	23.5	1
15	16QAM	1	37	21.98	22.50	22.26		
15	16QAM	1	74	21.88	22.15	22.03		
15	16QAM	36	0	20.57	21.19	21.13	22.5	2
15	16QAM	36	20	20.83	20.99	21.14		
15	16QAM	36	39	20.85	20.97	20.98		
15	16QAM	75	0	20.73	21.00	20.89		
15	64QAM	1	0	21.01	21.21	21.48	22.5	2
15	64QAM	1	37	21.11	21.14	21.35		
15	64QAM	1	74	21.07	20.68	21.34		
15	64QAM	36	0	19.62	20.03	20.02	21.5	3
15	64QAM	36	20	19.91	19.92	20.02		
15	64QAM	36	39	19.74	19.89	20.10		
15	64QAM	75	0	19.69	19.90	19.93		
15	256QAM	1	0	17.95	18.20	18.04	19.5	5
15	256QAM	1	37	18.21	18.32	18.19		
15	256QAM	1	74	18.00	18.07	18.08		
15	256QAM	36	0	17.94	18.02	18.02	19.5	5
15	256QAM	36	20	17.97	18.06	17.91		
15	256QAM	36	39	17.93	18.04	17.92		
15	256QAM	75	0	18.03	18.12	17.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.65	22.89	22.93	24.5	0
10	QPSK	1	25	22.75	22.89	22.83		
10	QPSK	1	49	22.73	22.96	22.82		
10	QPSK	25	0	21.68	22.06	22.04	23.5	1
10	QPSK	25	12	21.62	22.00	22.05		
10	QPSK	25	25	21.68	21.96	22.05		
10	QPSK	50	0	21.77	21.92	21.83		
10	16QAM	1	0	21.98	22.53	22.14	23.5	1
10	16QAM	1	25	21.99	22.54	22.35		
10	16QAM	1	49	21.90	22.13	22.01		
10	16QAM	25	0	20.53	21.16	21.15	22.5	2
10	16QAM	25	12	20.99	21.12	21.12		
10	16QAM	25	25	20.88	20.98	20.95		
10	16QAM	50	0	20.72	20.96	20.98		
10	64QAM	1	0	21.00	21.13	21.58	22.5	2
10	64QAM	1	25	21.08	21.22	21.40		
10	64QAM	1	49	21.02	20.72	21.38		
10	64QAM	25	0	19.67	20.05	20.06	21.5	3
10	64QAM	25	12	19.88	20.02	20.01		
10	64QAM	25	25	19.66	19.90	20.05		
10	64QAM	50	0	19.73	19.91	19.94		
10	256QAM	1	0	18.04	18.10	18.04	19.5	5
10	256QAM	1	25	18.30	18.41	18.28		
10	256QAM	1	49	18.00	18.09	17.98		
10	256QAM	25	0	17.93	17.98	17.93	19.5	5
10	256QAM	25	12	17.97	18.11	17.98		
10	256QAM	25	25	17.86	18.05	17.97		
10	256QAM	50	0	18.03	18.06	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.85	24.5	0
5	QPSK	1	12	22.53	22.85	22.88		
5	QPSK	1	24	22.67	22.93	22.85		
5	QPSK	12	0	21.72	22.00	21.99	23.5	1
5	QPSK	12	7	21.64	21.98	21.98		
5	QPSK	12	13	21.70	21.96	21.98		
5	QPSK	25	0	21.81	21.94	21.88		
5	16QAM	1	0	21.96	22.57	22.06	23.5	1
5	16QAM	1	12	21.97	22.49	22.30		
5	16QAM	1	24	21.84	22.17	21.95		
5	16QAM	12	0	20.57	21.13	21.11	22.5	2
5	16QAM	12	7	20.79	21.00	21.16		
5	16QAM	12	13	20.88	21.05	21.04		
5	16QAM	25	0	20.78	20.95	20.98		
5	64QAM	1	0	20.94	21.23	21.52	22.5	2
5	64QAM	1	12	21.03	21.17	21.43		
5	64QAM	1	24	21.05	20.68	21.42		
5	64QAM	12	0	19.67	19.98	20.12	21.5	3
5	64QAM	12	7	19.91	19.99	19.94		
5	64QAM	12	13	19.69	19.87	20.08		
5	64QAM	25	0	19.65	19.89	19.96		
5	256QAM	1	0	17.98	18.19	17.95	19.5	5
5	256QAM	1	12	18.25	18.33	18.20		
5	256QAM	1	24	18.08	18.16	18.08		
5	256QAM	12	0	17.90	17.99	17.98	19.5	5
5	256QAM	12	7	17.90	18.05	18.00		
5	256QAM	12	13	17.93	18.06	17.96		
5	256QAM	25	0	18.04	18.12	17.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.65	22.96	22.93	24.5	0
3	QPSK	1	8	22.70	22.82	22.88		
3	QPSK	1	14	22.71	22.90	22.83		
3	QPSK	8	0	21.69	22.02	21.98	23.5	1
3	QPSK	8	4	21.69	21.98	22.02		
3	QPSK	8	7	21.66	21.99	21.97		
3	QPSK	15	0	21.72	21.94	21.86		
3	16QAM	1	0	22.01	22.58	22.16	23.5	1
3	16QAM	1	8	22.00	22.43	22.28		
3	16QAM	1	14	21.85	22.22	22.02		
3	16QAM	8	0	20.65	21.30	21.33	22.5	2
3	16QAM	8	4	20.77	21.06	21.10		
3	16QAM	8	7	20.67	20.97	20.94		
3	16QAM	15	0	20.78	21.03	20.89		
3	64QAM	1	0	20.98	21.18	21.54	22.5	2
3	64QAM	1	8	21.12	21.23	21.37		
3	64QAM	1	14	21.11	20.70	21.39		
3	64QAM	8	0	19.64	20.03	20.06	21.5	3
3	64QAM	8	4	19.92	19.98	19.93		
3	64QAM	8	7	19.66	19.93	20.10		
3	64QAM	15	0	19.70	19.91	19.96		
3	256QAM	1	0	17.96	18.16	18.03	19.5	5
3	256QAM	1	8	18.29	18.36	18.21		
3	256QAM	1	14	18.06	18.17	18.01		
3	256QAM	8	0	17.89	18.04	18.02	19.5	5
3	256QAM	8	4	17.90	18.04	17.99		
3	256QAM	8	7	17.86	17.98	17.88		
3	256QAM	15	0	18.00	18.06	17.95		
Channel				131917	132322	132727	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.75	22.92	22.91	24.5	0
1.4	QPSK	1	3	22.64	22.96	22.78		
1.4	QPSK	1	5	22.64	22.91	22.81		
1.4	QPSK	3	0	22.61	22.85	22.80	23.5	1
1.4	QPSK	3	1	22.62	22.90	22.80		
1.4	QPSK	3	3	22.56	22.86	22.75		
1.4	QPSK	6	0	21.75	21.89	21.87		
1.4	16QAM	1	0	22.00	22.47	22.15	23.5	1
1.4	16QAM	1	3	22.02	22.47	22.26		
1.4	16QAM	1	5	21.92	22.22	22.05		
1.4	16QAM	3	0	21.91	22.32	22.02		
1.4	16QAM	3	1	21.97	22.34	22.19		
1.4	16QAM	3	3	21.86	22.16	21.95		
1.4	16QAM	6	0	20.75	20.96	20.99	22.5	2
1.4	64QAM	1	0	21.00	21.16	21.53	22.5	2
1.4	64QAM	1	3	21.08	21.17	21.40		
1.4	64QAM	1	5	21.04	20.83	21.36		
1.4	64QAM	3	0	20.85	21.04	21.39		
1.4	64QAM	3	1	20.92	21.07	21.29		
1.4	64QAM	3	3	20.93	20.58	21.22		
1.4	64QAM	6	0	19.71	19.91	19.91	21.5	3
1.4	256QAM	1	0	17.98	18.13	17.99	19.5	5
1.4	256QAM	1	3	18.29	18.31	18.28		
1.4	256QAM	1	5	18.02	18.16	17.98		
1.4	256QAM	3	0	17.92	18.01	17.94		
1.4	256QAM	3	1	17.94	18.02	17.92		
1.4	256QAM	3	3	17.86	18.06	17.98		
1.4	256QAM	6	0	18.05	18.16	17.97	19.5	5

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	21.91	21.94	21.72	23	0
20	QPSK	1	49	21.59	21.69	21.41		
20	QPSK	1	99	21.63	21.67	21.70		
20	QPSK	50	0	20.69	20.70	20.50		
20	QPSK	50	24	20.65	20.32	20.52	22	1
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.70	20.80	20.61		
20	16QAM	1	0	21.02	20.74	20.55		
20	16QAM	1	49	20.53	20.43	20.60	22	1
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.70	19.61	19.51		
20	16QAM	50	24	19.73	19.57	19.59	21	2
20	16QAM	50	50	19.65	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.63	19.58	19.62		
20	64QAM	1	49	19.33	19.68	19.33	21	2
20	64QAM	1	99	19.67	19.57	19.69		
20	64QAM	50	0	18.72	18.49	18.55		
20	64QAM	50	24	18.69	18.49	18.62	20	3
20	64QAM	50	50	18.71	18.47	18.50		
20	64QAM	100	0	18.60	18.47	18.58		
20	256QAM	1	0	18.69	18.71	18.68		
20	256QAM	1	49	18.63	18.80	18.64	18	5
20	256QAM	1	99	18.67	18.69	18.66		
20	256QAM	50	0	17.70	17.62	17.70		
20	256QAM	50	24	18.78	18.86	18.79	18	5
20	256QAM	50	50	18.80	18.73	18.72		
20	256QAM	100	0	18.63	18.72	18.72		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	21.60	21.61	21.70	23	0
15	QPSK	1	37	21.49	21.58	21.41		
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.59	20.60	20.46		
15	QPSK	36	20	20.58	20.20	20.46	22	1
15	QPSK	36	39	20.60	20.47	20.46		
15	QPSK	75	0	20.66	20.60	20.35		
15	16QAM	1	0	20.61	20.74	20.44		
15	16QAM	1	37	20.40	20.20	20.56	22	1
15	16QAM	1	74	20.40	20.20	20.44		
15	16QAM	36	0	19.62	19.30	19.42		
15	16QAM	36	20	19.73	19.40	19.52	21	2
15	16QAM	36	39	19.56	19.36	19.34		
15	16QAM	75	0	19.62	19.39	19.36		
15	64QAM	1	0	19.56	19.66	19.54		
15	64QAM	1	37	19.33	19.69	19.36	21	2
15	64QAM	1	74	19.60	19.40	19.66		
15	64QAM	36	0	18.62	18.47	18.54		
15	64QAM	36	20	18.60	18.40	18.62	20	3
15	64QAM	36	39	18.62	18.40	18.44		
15	64QAM	75	0	18.60	18.40	18.53		
15	256QAM	1	0	18.42	18.62	18.53		
15	256QAM	1	37	18.59	18.70	18.55	18	5
15	256QAM	1	74	18.52	18.66	18.66		
15	256QAM	36	0	17.58	17.50	17.58		
15	256QAM	36	20	18.70	18.80	18.62	18	5
15	256QAM	36	39	18.59	18.66	18.70		
15	256QAM	75	0	18.55	18.66	18.52		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	21.70	21.70	21.70	23	0
10	QPSK	1	24	21.59	21.57	21.31		
10	QPSK	1	49	21.60	21.63	21.62		
10	QPSK	25	0	20.64	20.60	20.38		
10	QPSK	25	12	20.61	20.20	20.46	22	1
10	QPSK	25	25	20.62	20.51	20.36		
10	QPSK	50	0	20.70	20.70	20.48		
10	16QAM	1	0	21.01	20.68	20.48		
10	16QAM	1	24	20.40	20.40	20.50	22	1
10	16QAM	1	49	20.47	20.29	20.50		
10	16QAM	25	0	19.70	19.60	19.51		
10	16QAM	25	12	19.63	19.50	19.55	21	2
10	16QAM	25	25	19.63	19.34	19.40		
10	16QAM	50	0	19.69	19.39	19.41		
10	64QAM	1	0	19.63	19.62	19.66		
10	64QAM	1	24	19.29	19.61	19.26	21	2
10	64QAM	1	49	19.63	19.62	19.64		
10	64QAM	25	0	18.71	18.43	18.44		
10	64QAM	25	12	18.61	18.40	18.45	20	3
10	64QAM	25	25	18.62	18.40	18.41		
10	64QAM	50	0	18.70	18.40	18.48		
10	256QAM	1	0	18.59	18.69	18.53		
10	256QAM	1	24	18.53	18.71	18.57	18	5
10	256QAM	1	49	18.59	18.57	18.63		
10	256QAM	25	0	17.70	17.62	17.70		
10	256QAM	25	12	18.78	18.79	18.66	18	5
10	256QAM	25	25	18.71	18.73	18.70		
10	256QAM	50	0	18.65	18.68	18.45		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	21.57	21.60	21.70	23	0
5	QPSK	1	12	21.59	21.58	21.36		
5	QPSK	1	24	21.62	21.66	21.72		
5	QPSK	12	0	20.69	20.69	20.36		
5	QPSK	12	7	20.62	20.21	20.52	22	1
5	QPSK	12	13	20.69	20.39	20.50		
5	QPSK	25	0	20.63	20.60	20.32		
5	16QAM	1	0	20.58	20.68	20.46		
5	16QAM	1	12	20.40	20.20	20.57	22	1
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.40		
5	16QAM	12	7	19.66	19.47	19.50	21	2
5	16QAM	12	13	19.62	19.37	19.52		
5	16QAM	25	0	19.62	19.39	19.40		
5	64QAM	1	0	19.62	19.62	19.67		
5	64QAM	1	12	19.33	19.67	19.21	21	2
5	64QAM	1	24	19.60	19.46	19.62		
5	64QAM	12	0	18.66	18.39	18.52		
5	64QAM	12	7	18.66	18.37	18.54	20	3
5	64QAM	12	13	18.71	18.39	18.49		
5	64QAM	25	0	18.73	18.44	18.47		
5	256QAM	1	0	18.51	18.66	18.61		
5	256QAM	1	12	18.59	18.66	18.52	18	5
5	256QAM	1	24	18.66	18.67	18.66		
5	256QAM	12	0	18.60	18.60	18.72		
5	256QAM	12	7	18.72	18.71	18.67	18	5
5	256QAM	12	13	18.58	18.64	18.47		
5	256QAM	25	0	18.58	18.64	18.47		

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	22.97	22.92	22.91	24	0
20	QPSK	1	49	22.97	22.75	22.78		
20	QPSK	1	99	22.70	22.84	22.73		
20	QPSK	50	0	21.67	21.72	21.35		
20	QPSK	50	24	21.53	21.36	21.43	23	1
20	QPSK	50	50	21.60	21.41	21.56		
20	QPSK	100	0	21.68	21.56	21.51		
20	16QAM	1	0	21.61	21.45	21.67		
20	16QAM	1	49	21.46	21.56	21.63	23	1
20	16QAM	1	99	21.72	21.73	21.68		
20	16QAM	50	0	20.72	20.50	20.47		
20	16QAM	50	24	20.57	20.46	20.44	22	2
20	16QAM	50	50	20.55	20.40	20.63		
20	16QAM	100	0	20.58	20.41	20.39		
20	64QAM	1	0	20.71	20.50	20.69		
20	64QAM	1	49	20.66	20.72	20.73	22	2
20	64QAM	1	99	20.63	20.67	20.69		
20	64QAM	50	0	19.62	19.36	19.52		
20	64QAM	50	24	19.66	19.46	19.43	21	3
20	64QAM	50	50	19.67	19.58	19.56		
20	64QAM	100	0	19.72	19.46	19.49		
20	256QAM	1	0	17.79	17.91	17.77		
20	256QAM	1	49	17.68	17.96	17.94	19	5
20	256QAM	1	99	17.49	17.48	17.37		
20	256QAM	50	0	17.74	17.96	17.79		
20	256QAM	50	24	17.76	17.71	17.61	19	5
20	256QAM	50	50	17.77	17.81	17.76		
20	256QAM	100	0	17.64	17.69	17.60		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	22.52	22.55	22.53	24	0
15	QPSK	1	37	22.69	22.66	22.65		
15	QPSK	1	74	22.73	22.65	22.73		
15	QPSK	36	0	21.78	21.73	21.39		
15	QPSK	36	20	21.65	21.56	21.53	23	1
15	QPSK	36	39	21.67	21.69	21.67		
15	QPSK	75	0	21.61	21.69	21.60		
15	16QAM	1	0	21.70	21.46	21.69		
15	16QAM	1	37	21.55	21.76	21.69	23	1
15	16QAM	1	74	21.63	21.73	21.73		
15	16QAM	36	0	20.79	20.60	20.49		
15	16QAM	36	20	20.68	20.47	20.47	22	2
15	16QAM	36	39	20.64	20.52	20.58		
15	16QAM	75	0	20.69	20.42	20.49		
15	64QAM	1	0	20.71	20.62	20.72		
15	64QAM	1	37	20.67	20.75	20.78	22	2
15	64QAM	1	74	20.74	20.57	20.62		
15	64QAM	36	0	19.73	19.46	19.62		
15	64QAM	36	20	19.72	19.49	19.62	21	3
15	64QAM	36	39	19.76	19.51	19.68		
15	64QAM	75	0	19.75	19.52	19.59		
15	256QAM	1	0	17.81	17.91	17.77		
15	256QAM	1	37	17.49	17.98	17.92	19	5
15	256QAM	1	74	17.66	17.49	17.29		
15	256QAM	36	0	17.66	17.76	17.66		
15	256QAM	36	20	17.60	17.76	17.68	19	5
15	256QAM	36	39	17.61	17.82	17.69		
15	256QAM	75	0	17.65	17.78	17.65		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	22.61	22.66	22.69	24	0
10	QPSK	1	25	22.64	22.79	22.67		
10	QPSK	1	49	22.73	22.66	22.73		
10	QPSK	25	0	21.74	21.83	21.44		
10	QPSK	25	12	21.64	21.37	21.49	23	1
10	QPSK	25	25	21.64	21.48	21.61		
10	QPSK	50	0	21.68	21.56	21.51		
10	16QAM	1	0	21.62	21.48	21.68		
10	16QAM	1	25	21.58	21.73	21.63	23	1
10	16QAM	1	49	21.76	21.62	21.69		
10	16QAM	25	0	20.81	20.59	20.52		
10	16QAM	25	12	20.61	20.49	20.50	22	2
10	16QAM	25	25	20.64	20.53	20.62		
10	16QAM	50	0	20.60	20.47	20.49		
10	64QAM	1	0	20.73	20.49	20.69		
10	64QAM	1	25	20.66	20.59	20.77	22	2
10	64QAM	1	49	20.68	20.74	20.73		
10	64QAM	25	0	19.73	19.36	19.52		
10	64QAM	25	12	19.72	19.49	19.43	21	3
10	64QAM	25	25	19.75	19.57	19.65		
10	64QAM	50	0	19.75	19.52	19.61		
10	256QAM	1	0	17.68	17.99	17.77		
10	256QAM	1	25	17.49	17.92	17.90	19	5
10	256QAM	1	49	17.66	17.96	17.45		
10	256QAM	25	0	17.66	17.97	17.75		
10	256QAM	25	12	17.66	17.92	17.63	19	5
10	256QAM	25	25	17.68	17.92	17.62		
10	256QAM	50	0	17.76	17.79	17.67		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	22.57	22.57	22.57	24	0
5	QPSK	1	12	22.64	22.76	22.67		
5	QPSK	1	24	22.76	22.79	22.83		
5	QPSK	12	0	21.78	21.72	21.39		
5	QPSK	12	7	21.59	21.46	21.53	23	1
5	QPSK	12	13	21.67	21.46	21.65		
5	QPSK	25	0	21.62	21.73	21.52		
5	16QAM	1	0	21.63	21.50	21.79		
5	16QAM	1	12	21.55	21.74	21.69	23	1
5	16QAM	1	24	21.75	21.63	21.68		
5	16QAM	12	0	20.79	20.57	20.52		
5	16QAM	12	7	20.66	20.58	20.59	22	2
5	16QAM	12	13	20.65	20.51	20.63		
5	16QAM	25	0	20.64	20.41	20.36		
5	64QAM	1	0	20.61	20.49	20.70		
5	64QAM	1	12	20.63	20.75	20.79	22	2
5	64QAM	1	24	20.70	20.72	20.72		
5	64QAM	12	0	19.71	19.36	19.57		
5	64QAM	12	7	19.78	19.40	19.42	21	3
5	64QAM	12	13	19.78	19.60	19.57		
5	64QAM	25	0	19.73	19.47	19.52		
5	256QAM	1	0	17.66	17.96	17.79		
5	256QAM	1	12	17.49	17.96	17.92	19	5
5	256QAM	1	24	17.62	17.95	17.44		
5	256QAM	12	0	17.78	17.97	17.84		
5	256QAM	12	7	17.64	17.91	17.62	19	5
5	256QAM	12	13	17.64	17.92	17.62		
5	256QAM	25	0	17.73	17.79	17.63		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	24.39	24.45	24.29	26.5	0
20	QPSK	1	49	24.32	24.17	24.13		
20	QPSK	1	99	24.37	24.55	24.56		
20	QPSK	50	0	23.32	23.42	23.10		
20	QPSK	50	24	23.19	23.09	23.02	24.5	1
20	QPSK	50	50	23.26	23.29	23.23		
20	QPSK	100	0	23.12	23.18	23.05		
20	16QAM	1	0	23.01	22.86	23.01		
20	16QAM	1	49	23.19	23.06	22.96	24.5	1
20	16QAM	1	99	22.96	23.04	23.19		
20	16QAM	50	0	22.10	22.04	22.14		
20	16QAM	50	24	22.36	22.32	23.13	23.5	2
20	16QAM	50	50	22.41	22.15	22.19		
20	16QAM	100	0	22.32	22.06	22.07		
20	64QAM	1	0	22.42	22.12	22.03		
20	64QAM	1	49	22.44	21.95	21.92	23.5	2
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11		
20	64QAM	50	24	21.30	21.11	21.15	22.5	3
20	64QAM	50	50	21.44	21.09	21.20		
20	64QAM	100	0	21.48	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44		
20	256QAM	1	49	19.32	19.43	19.34	20.5	5
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33		
20	256QAM	50	24	19.45	19.34	19.39	20.5	5
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	24.21	24.42	24.08	26.5	0
15	QPSK	1	37	24.21	24.11	24.05		
15	QPSK	1	74	24.29	23.94	23.97		
15	QPSK	36	0	23.28	23.41	22.99		
15	QPSK	36	20	23.14	23.03	23.02	24.5	1
15	QPSK	36	39	23.27	23.25	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	23.00	22.88	22.99		
15	16QAM	1	37	23.05	22.95	22.91		
15	16QAM	1	74	22.98	22.93	23.14	24.5	1
15	16QAM	36	0	22.07	21.92	22.12		
15	16QAM	36	20	22.33	22.28	22.10		
15	16QAM	36	39	22.41	22.06	22.18	23.5	2
15	16QAM	75	0	22.26	21.96	21.95		
15	64QAM	1	0	22.39	22.06	21.91		
15	64QAM	1	37	22.41	21.93	22.01		
15	64QAM	1	74	22.06	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04		
15	64QAM	36	20	21.52	21.03	21.15	22.5	3
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	18.38	18.41	18.44		
15	256QAM	1	37	18.49	18.31	18.28	20.5	5
15	256QAM	1	74	18.23	18.26	18.14		
15	256QAM	36	0	18.22	18.21	18.27		
15	256QAM	36	20	18.35	18.26	18.33	20.5	5
15	256QAM	36	39	18.26	18.42	18.20		
15	256QAM	75	0	18.40	18.38	18.36		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	24.20	24.39	24.19	26.5	0
10	QPSK	1	25	24.25	24.14	24.06		
10	QPSK	1	49	24.31	24.62	23.99		
10	QPSK	25	0	23.20	23.42	23.03		
10	QPSK	25	12	23.10	23.20	23.02	24.5	1
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.10	23.02		
10	16QAM	1	0	22.98	22.80	22.96		
10	16QAM	1	25	22.97	22.97	22.91	24.5	1
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.01	22.02	22.07		
10	16QAM	25	12	22.32	22.20	22.11	23.5	2
10	16QAM	25	25	22.14	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	64QAM	1	0	22.33	22.10	22.00		
10	64QAM	1	25	22.37	21.83	21.90	23.5	2
10	64QAM	1	49	22.17	22.10	22.09		
10	64QAM	25	0	21.27	20.99	21.00		
10	64QAM	25	12	21.46	21.06	21.06	22.5	3
10	64QAM	25	25	21.35	21.05	21.29		
10	64QAM	50	0	21.52	21.03	21.03		
10	256QAM	1	0	19.39	19.40	19.33		
10	256QAM	1	25	19.27	19.36	19.30	20.5	5
10	256QAM	1	49	19.28	19.23	19.14		
10	256QAM	25	0	19.32	19.31	19.26		
10	256QAM	25	12	19.42	19.24	19.25	20.5	5
10	256QAM	25	25	19.49	19.37	19.30		
10	256QAM	50	0	19.34	19.29	19.27		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	24.29	24.32	24.14	26.5	0
5	QPSK	1	12	24.26	24.10	24.12		
5	QPSK	1	24	24.26	24.01	23.96		
5	QPSK	12	0	23.24	23.27	23.05		
5	QPSK	12	7	23.10	23.00	23.05	24.5	1
5	QPSK	12	13	23.29	23.19	23.22		
5	QPSK	25	0	23.02	23.13	23.02		
5	16QAM	1	0	22.93	22.89	22.99		
5	16QAM	1	12	22.93	22.94	22.91	24.5	1
5	16QAM	1	24	22.98	22.89	23.09		
5	16QAM	12	0	22.12	22.03	22.04		
5	16QAM	12	7	22.39	22.23	22.04	23.5	2
5	16QAM	12	13	22.32	22.10	22.13		
5	16QAM	25	0	22.27	21.99	21.95		
5	64QAM	1	0	22.27	22.10	21.93		
5	64QAM	1	12	22.38	21.85	21.89	23.5	2
5	64QAM	1	24	22.27	22.06	22.09		
5	64QAM	12	0	21.29	21.01	21.05		
5	64QAM	12	7	21.32	21.01	21.05	22.5	3
5	64QAM	12	13	21.40	20.99	21.20		
5	64QAM	25	0	21.36	20.99	21.01		
5	256QAM	1	0	19.40	19.39	19.39		
5	256QAM	1	12	19.32	19.33	19.33	20.5	5
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.30	19.30	19.33		
5	256QAM	12	7	19.45	19.25	19.29	20.5	5
5	256QAM	12	13	19.47	19.42	19.39		
5	256QAM	25	0	19.39	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	24.58	24.62	24.57	25.7	0
20	QPSK	1	49	24.58	24.34	24.33		
20	QPSK	1	99	24.57	24.24	24.33		
20	QPSK	50	0	23.55	23.58	23.47		
20	QPSK	50	24	23.55	23.39	23.39	24.7	1
20	QPSK	50	50	23.57	23.44	23.46		
20	QPSK	100	0	23.49	23.53	23.44		
20	16QAM	1	0	23.55	23.60	23.56		
20	16QAM	1	49	23.57	23.71	23.51	24.7	1
20	16QAM	1	99	23.72	23.54	23.46		
20	16QAM	50	0	22.54	22.57	22.47		
20	16QAM	50	24	22.68	22.36	22.46	23.7	2
20	16QAM	50	50	22.60	22.54	22.52		
20	16QAM

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	21.66	21.96	21.92	21.94	21.92		
20	QPSK	1	49	21.65	21.96	21.97	21.93	21.92	23	0
20	QPSK	1	99	21.65	21.94	21.96	21.94	21.93		
20	QPSK	50	0	20.79	20.86	20.67	20.79	20.70		
20	QPSK	50	24	20.77	20.74	20.80	20.73	20.83	22	1
20	QPSK	50	50	20.77	20.76	20.79	20.83	20.76		
20	QPSK	50	99	20.77	20.76	20.80	20.84	20.83		
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.75		
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.73	22	1
20	16QAM	1	99	20.74	20.84	20.80	20.74	20.69		
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.80		
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.73	21	2
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73		
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.69		
20	16QAM	1	0	19.78	19.85	19.82	19.73	19.83		
20	16QAM	1	49	19.72	19.85	19.82	19.72	19.69	21	2
20	16QAM	1	99	19.71	19.85	19.77	19.71	19.63		
20	16QAM	50	0	18.61	18.72	18.74	18.60	18.59		
20	16QAM	50	24	18.64	18.72	18.77	18.61	18.57	20	3
20	16QAM	50	50	18.71	18.73	18.68	18.63	18.52		
20	16QAM	100	0	18.61	18.76	18.74	18.60	18.56		
20	256QAM	1	0	18.52	18.68	18.63	18.49	18.51		
20	256QAM	1	49	18.58	18.69	18.72	18.57	18.59	18	5
20	256QAM	1	99	18.51	18.69	18.72	18.56	18.49		
20	256QAM	50	0	18.53	18.69	18.73	18.59	18.47		
20	256QAM	50	24	18.51	18.61	18.72	18.49	18.49	18	5
20	256QAM	50	50	18.61	18.65	18.66	18.54	18.58		
20	256QAM	100	0	18.69	18.69	18.69	18.49	18.53		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	21.66	21.96	21.91	21.93	21.92		
15	QPSK	1	37	21.62	21.95	21.97	21.93	21.91	23.00	0
15	QPSK	1	74	21.68	21.96	21.96	21.95	21.89		
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.82		
15	QPSK	36	20	20.68	20.84	20.76	20.75	20.72	22	1
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70		
15	QPSK	75	0	20.70	20.66	20.65	20.76	20.79		
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.79		
15	16QAM	1	37	20.68	20.76	20.71	20.61	20.69	22	1
15	16QAM	1	74	20.71	20.76	20.78	20.62	20.81		
15	16QAM	36	0	19.64	19.66	19.72	19.74	19.58		
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71	21	2
15	16QAM	36	39	19.73	19.66	19.77	19.64	19.69		
15	16QAM	75	0	19.62	19.67	19.66	19.56	19.69		
15	16QAM	1	0	19.71	19.77	19.62	19.70	19.59		
15	16QAM	1	37	19.71	19.64	19.62	19.68	19.69	21	2
15	16QAM	1	74	19.66	19.64	19.67	19.64	19.54		
15	16QAM	36	0	18.57	18.64	18.67	18.60	18.52		
15	16QAM	36	20	18.59	18.64	18.68	18.59	18.52		
15	16QAM	36	39	18.66	18.66	18.67	18.60	18.42	20	3
15	16QAM	75	0	18.58	18.61	18.62	18.53	18.52		
15	256QAM	1	0	18.45	18.65	18.62	18.48	18.39		
15	256QAM	1	37	18.53	18.64	18.62	18.49	18.46	18	5
15	256QAM	1	74	18.48	18.66	18.67	18.48	18.39		
15	256QAM	36	0	18.41	18.58	18.59	18.45	18.46		
15	256QAM	36	20	18.48	18.53	18.59	18.47	18.47	18	5
15	256QAM	36	39	18.54	18.54	18.59	18.47	18.54		
15	256QAM	75	0	18.54	18.58	18.58	18.47	18.51		
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2501	2544	2588	2631.5	2675		
10	QPSK	1	0	21.67	21.96	21.89	21.93	21.90		
10	QPSK	1	25	21.65	21.96	21.93	21.97	21.89	23.00	0
10	QPSK	1	49	21.66	21.96	21.96	21.91	21.89		
10	QPSK	25	0	20.70	20.84	20.74	20.73	20.71		
10	QPSK	25	12	20.79	20.65	20.74	20.67	20.76	22	1
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.76		
10	QPSK	50	0	20.65	20.76	20.70	20.77	20.73		
10	16QAM	1	0	20.69	20.76	20.70	20.77	20.67		
10	16QAM	1	25	20.68	20.68	20.70	20.69	20.67	22	1
10	16QAM	1	49	20.70	20.76	20.72	20.68	20.68		
10	16QAM	25	0	19.67	19.64	19.70	19.69	19.69		
10	16QAM	25	12	19.67	19.70	19.69	19.66	19.70	21	2
10	16QAM	25	25	19.73	19.69	19.70	19.60	19.73		
10	16QAM	50	0	19.74	19.79	19.78	19.69	19.69		
10	16QAM	1	0	19.77	19.77	19.70	19.69	19.62		
10	16QAM	1	25	19.79	19.76	19.69	19.62	19.62	21	2
10	16QAM	1	49	19.73	19.71	19.70	19.69	19.62		
10	16QAM	25	0	18.63	18.60	18.70	18.49	18.52		
10	16QAM	25	12	18.59	18.60	18.74	18.52	18.57	20	3
10	16QAM	25	25	18.59	18.65	18.68	18.56	18.46		
10	16QAM	50	0	18.76	18.68	18.68	18.57	18.60		
10	256QAM	1	0	18.51	18.61	18.59	18.46	18.53		
10	256QAM	1	25	18.57	18.61	18.63	18.53	18.50	18	5
10	256QAM	1	49	18.49	18.58	18.57	18.46	18.46		
10	256QAM	25	0	18.48	18.60	18.63	18.46	18.43		
10	256QAM	25	12	18.48	18.57	18.63	18.46	18.43	18	5
10	256QAM	25	25	18.49	18.60	18.60	18.49	18.52		
10	256QAM	50	0	18.49	18.61	18.59	18.46	18.52		
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5		
5	QPSK	1	0	21.62	21.96	21.97	21.93	21.92		
5	QPSK	1	12	21.74	21.97	21.94	21.90	21.92	23.00	0
5	QPSK	1	24	21.66	21.96	21.96	21.93	21.90		
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74		
5	QPSK	12	7	20.67	20.83	20.86	20.73	20.73		
5	QPSK	12	13	20.69	20.68	20.69	20.80	20.77	22	1
5	QPSK	12	24	20.72	20.65	20.77	20.73	20.77		
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.70		
5	16QAM	1	12	20.71	20.76	20.71	20.71	20.71	22	1
5	16QAM	1	24	20.65	20.77	20.76	20.64	20.66		
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.68		
5	16QAM	12	7	19.76	19.78	19.71	19.72	19.69	21	2
5	16QAM	12	13	19.69	19.74	19.69	19.68	19.67		
5	16QAM	12	24	19.73	19.68	19.66	19.62	19.63		
5	16QAM	25	0	18.70	18.76	18.74	18.67	18.67		
5	16QAM	25	12	18.73	18.81	18.67	18.62	18.62	20	3
5	16QAM	25	25	18.73	18.73	18.70	18.62	18.62		
5	16QAM	50	0	18.67	18.78	18.72	18.67	18.67		
5	256QAM	1	0	18.55	18.61	18.73	18.59	18.46		
5	256QAM	1	12	18.51	18.63	18.62	18.49	18.47	18	5
5	256QAM	1	24	18.51	18.58	18.62	18.46	18.46		
5	256QAM	12	0	18.49	18.64	18.70	18.56	18.49		
5	256QAM	12	7	18.49	18.67	18.70	18.56	18.54	18.27	
5	256QAM	12	13	18.49	18.67	18.70	18.49	18.49	18	5
5	256QAM	12	24	18.55	18.62	18.67	18.46	18.45		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	23.14	22.97	23.16	22.92	23.03		
20	QPSK	1	49	23.02	23.05	23.09	22.95	22.93	24	0
20	QPSK	1	99	23.02	23.04	23.07	23.14	22.95		
20	QPSK	50	0	22.02	22.00	22.14	21.95	21.99		
20	QPSK	50	24	22.13	22.02	22.11	21.95	21.99	23	1
20	QPSK	50	50	22.13	21.96	22.12	21.90	22.01		
20	QPSK	100	0	22.03	22.05	22.12	21.95	21.96		
20	16QAM	1	0	22.08	22.04	22.07	21.94	22.03		
20	16QAM	1	49	22.02	22.05	22.05	21.96	22.03	23	1
20	16QAM	1	99	22.04	22.03	22.08	21.90	21.93		
20	16QAM	50	0	21.04	21.00	21.12	20.93	20.98		
20	16QAM	50	24	21.12	21.05	21.12	20.98	20.93	22	2
20	16QAM	50	50	21.08	21.06	21.15	20.93	20.93		
20	16QAM	100	0	21.04	21.00	21.06	20.93	20.99		
20	16QAM	1	0	21.02	21.04	21.13	20.93	20.99		
20	16QAM	1	49	21.12	20.99	21.13	20.93	20.98	22	2
20	16QAM	1	99	21.08	21.00	21.13	20.99	20.93		
20	16QAM	50	0	20.03	20.04	20.09	19.97	20.03		
20	16QAM	50	24	20.11	19.99	20.13	19.95	20.01	21	3
20	16QAM	50	50	20.11	20.02	20.10	19.94	19.94		
20	16QAM	100	0	20.14	19.99	20.09	19.91	19.98		
20	256QAM	1	0	19.09	17.96	19.13	17.99	17.93		
20	256QAM	1	49	19.14	19.04	19.09	17.95	17.97	19	5
20	256QAM	1	99	19.03	17.97	19.08	17.95	18.03		
20	256QAM	50	0	18.13	17.96	19.11	17.94	17.98		
20	256QAM	50	24	19.06	18.94	19.12	17.95	17.98	19	5
20	256QAM	50	50	19.07	18.95	19.03	17.96	17.93		
20	256QAM	100	0	19.02	17.95	19.15	17.93	18.03		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	23.05	22.94	23.13	22.95	22.91		
15	QPSK	1	37	23.01	23.03	23.05	22.89	22.89	24.00	0
15	QPSK	1	74	23.09	22.94	23.09	22.95	22.89		
15	QPSK	36	0	21.91	21.96	22.11	21.94	21.91		
15	QPSK	36	20	22.04	21.92	22.03	21.94	21.91	23	1
15	QPSK	36	39	22.01	21.89	22.01	21.78	21.97		
15	QPSK	75	0	21.90	21.94	21.92	21.81	21.90		
15	16QAM	1	0	21.97	21.96	22.07	21.93	21.93		
15	16QAM	1	37	21.99	21.96	22.03	21.93	21.93	23	1
15	16QAM	1	74	22.04	21.96	22.05	21.81	21.93		
15	16QAM	36	0	21.01	20.97	21.13	20.76	20.92		
15	16QAM	36	20	21.11	21.00	21.09	20.95	20.99	22	2
15	16QAM	36	39	20.99	20.98	21.12	20.76	20.99		
15	16QAM	75	0	21.04	21.00	20.96	20.92	20.93		
15	16QAM	1	0	20.97	20.92	21.13	20.76	20.92		
15	16QAM	1	37	21.07	20.99	21.04	20.92	20.93	22	2
15	16QAM	1	74	20.94	20.96	21.06	20.92	20.92		
15	16QAM	36	0	19.91	20.03	19.97	19.77	19.99		
15	16QAM	36	20	20.05	19.95	20.11	19.77	19.99	21	3
15	16QAM	36	39	20.07	19.93	20.04	19.72	19.99		
15	16QAM	75	0	20.04	19.96	20.09	19.79	19.99		
15	256QAM	1	0	19.02	19.07	19.04	17.79	17.99		
15	256QAM	1	37	19.06	17.96	19.04	17.79	17.99	19	5
15	256QAM	1	74	19.03	17.94	19.10	17.74	17.99		
15	256QAM	36	0	17.97	17.96	19.07	17.77	17.99		
15	256QAM	36	20	17.99	17.96	19.07	17.81	17.97	19	5
15	256QAM	36	39	18.07	17.97	19.09	17.72	17.99		
15	256QAM	75	0	17.99	17.96	19.07	17.81	17.97		
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2501	2544	2588	2631.5	2675		
10	QPSK	1	0	23.12	22.92	23.09	22.89	23.00		
10	QPSK	1	25	22.97	22.95	23.05	22.92	22.89	24.00	0
10	QPSK	1	49	23.04	22.97	23.10	22.72	22.89		
10	QPSK	25	0	21.98	21.95	22.14	21.79	21.99		
10	QPSK	25	12	22.04	22.01	22.07	21.97	21.97	23	1
10	QPSK	25	25	22.10	21.96	22.04	21.96	21.96		
10	QPSK	50	0	21.94	22.00	22.08	21.97	21.96		
10	16QAM	1	0	21.99	21.96	21.99	21.73	21.96		
10	16QAM	1	25	22.00	21.96	22.01	21.95	21.96	23	1
10	16QAM	1	49	21.93	22.03	22.08	21.99	21.97		
10	16QAM	25	0	21.04	20.90	21.12	20.90	20.95		
10	16QAM	25	12	21.10	21.05	21.07	20.95	20.95	22	2
10	16QAM	25	25	21.09	20.97	21.07	20.93	20.95		
10	16QAM	50	0	21.02	20.99	21.00	20.93	20.91		
10	16QAM	1	0	20.91	20.97	21.09	20.93	20.91		
10	16QAM	1	25	21.02	20.92	21.09	20.73	20.92	22	2
10	16QAM	1	49	20.93	20.97	21.09	20.93	20.92		
10	16QAM	25	0	20.02	19.95	20.02	19.77	19.93		
10	16QAM	25	12	20.02	20.01	20.11	19.81	19.99	21	3
10	16QAM	25	25	20.03	20.01	20.06	19.89	19.99		
10	16QAM	50	0	20.13	19.99	20.12	19.93	19.99		
10	256QAM	1	0	19.00	17.97	19.05	17.85	17.91		
10	256QAM	1	25	19.02	17.94	19.03	17.72	17.91	19	5
10	256QAM	1	49	17.99	17.97	17.76	18.01			
10	256QAM	25	0	18.02	17.94	19.02	17.72	17.90		
10	256QAM	25	12	18.04	18.04	19.06	17.85	17.90	19	5
10	256QAM	25	25	18.06	17.94	19.03	17.72	17.90		
10	256QAM	50	0	17.95	17.90	19.11	17.91	17.95		
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5		
5	QPSK	1	0	22.99	22.96	23.11	22.96	22.97		
5	QPSK	1	12	22.96	23.01	23.01	22.98	22.92	24.00	0
5	QPSK	1	24	22.91	22.94	23.03	22.91	22.90		
5	QPSK	12	0	21.93	21.93	22.09	21.96	21.98		
5	QPSK	12	7	21.93	21.93	22.11	21.94	21.96		
5	QPSK	12	13	21.93	21.93	22.05	21.97	21.96	23	1
5	QPSK	12	24	21.93	21.94	22.01	21.75	22.01		
5	16QAM	1	0	22.03	22.04	22.01	21.94	21.96		
5	16QAM	1	12	21.93	22.00	22.01	21.90	21.92	23	1
5	16QAM	1	24	21.93	22.00	22.01	21.90	21.92		
5	16QAM	12	0	20.97	20.96	21.13	20.96	20.97		
5	16QAM	12	7	21.13	21.03	21.11	20.96	20.99	22	2
5	16QAM	12	13	21.03	20.99	21.13	20.96	20.99		
5	16QAM	12	24	21.03	20.95	21.00	20.93	20.97		
5	16QAM	25	0	20.13	19.99	20.09	19.91	19.99		
5	16QAM	25	12	21.03	20.99	21.11	20.92	20.96	22	2
5	16QAM	25	25	20.11	19.99	20.13	19.95	20.01		
5	16QAM	50	0	20.01	19.95	20.03	19.76	20.03		
5	256QAM	1	0	19.04	17.96	19.11	17.77	17.99		
5	256QAM	1	12	20.11	19.92	20.00	19.81	19.94	21	3
5	256QAM	1	24	19.13	17.96	19.06	17.99	19.02		
5	256QAM	12	0	18.04	17.90	19.06	17.96	17.96		
5	256QAM	12	7	18.04	17.90	19.06	17.99	17.96	19	5
5	256QAM	12	13	18.04	17.90	19.06	17.99	17.96		
5	256QAM	12	24	18.03	17.94	19.03	17.96	17.96		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	23.88	24.31	24.06	24.15	24.16		
20	QPSK	1	49	24.13	24.36	23.97	24.07	24.29	25.0	0
20	QPSK	1	99	23.93	24.18	24.06	23.96	24.09		
20	QPSK	50	0	23.02	23.36	23.47	23.21	23.25		
20	QPSK	50	24	23.04	23.41	23.32	23.34	23.25	24.5	1
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21		
20	QPSK	100	0	23.09	23.39	23.41	23.23	23.23		
20	16QAM	1	0	23.09	23.39	23.05	23.03	23.02		
20	16QAM	1	49	23.08	23.18	23.40	23.04	23.04	24.5	1
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23		
20	16QAM	50	0	21.98	22.18	22.39	22.06	22.06		
20	16QAM	50	24	22.19	22.54	22.28	22.21	22.28	23.5	2
20	16QAM	50	50	22.05	22.46	22.32	22.32	22.28		
20	16QAM	100	0	22.06	22.40	22.25	22.31	22.28		
20	16QAM	1	0	21.90	22.39	22.43	22.32	22.28		
20	16QAM	1	49	22.19	22.36	22.06	21.94	22.02	23.5	2
20	16QAM	1	99	21.97	22.15	22.14	22.06	22.03		
20	16QAM	50	0	20.98	21.45	21.19	21.22	21.25		
20	16QAM	50	24	20.94	21.42	21.11	21.20	21.28	22.5	3
20	16QAM	50	50	21.17	21.32	21.26	21.25	21.20		
20	16QAM	100	0	20.98	21.34	21.30	21.25	21.19		
20	256QAM	1	0	19.53	19.36	19.70	19.65	19.60		
20	256QAM	1	49	19.14	19.34	19.42	19.16	19.19	20.5	5
20	256QAM	1	99	19.36	19.38	19.46	19.39	19.46		
20	256QAM	50	0	19.46	19.31	19.54	19.39	19.38		
20	256QAM	50	24	19.52	19.51	19.64	19.53	19.48	20.5	5
20	256QAM	50	50	19.34	19.50	19.47	19.42	19.45		
20	256QAM	100	0	19.62	19.48	19.51	19.50	19.37		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	24.02	24.39	24.08	24.01	24.05		
15	QPSK	1	37	24.20	24.38	24.04	24.11	24.38	25.50	0
15	QPSK	1	74	23.77	24.37	24.04	24.08	24.38		
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27		
15	QPSK	36	20	23.10	23.46	23.42	23.26	23.27	24.5	1
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28		
15	QPSK	75	0	23.10	23.46	23.52	23.34	23.28		
15	16QAM	1	0	23.01	23.39	23.67	23.58	23.31		
15	16QAM	1	37	23.11	23.39	23.51	23.40	23.30	24.5	1
15	16QAM	1	74	23.74	23.11	23.51	23.11	23.30		
15	16QAM	36	0	21.99	22.40	22.27	22.36	22.26		
15	16QAM	36	20	22.27	22.39	22.40	22.36	22.31	23.5	2
15	16QAM	36	39	22.10	22.39	22.36	22.32	22.30		
15	16QAM	75	0	21.94	22.40	22.39	22.31	22.27		
15	16QAM	1	0	22.01	22.40	22.48	22.28	22.28		
15	16QAM	1	37	22.26	22.42	22.17	21.91	22.07	23.5	2
15	16QAM	1	74	22.16	22.42	22.19	22.14	22.07		
15	16QAM	36	0	21.03	21.46	21.27	21.33	21.28		
15	16QAM	36	20	21.01	21.39	21.39	21.26	21.26	22.5	3
15	16QAM	36	39	21.29	21.33	21.30	21.26	21.28		
15	16QAM	75	0	21.01	21.46	21.39	21.26	21.26		
15	256QAM	1	0	19.02	19.07	19.79	19.66	19.63		
15	256QAM	1	37	19.06	19.04	19.04	19.02	19.00	20.5	5
15	256QAM	1	74	19.02	19.05	19.73	19.66	19.64		
15	256QAM	36	0	18.47	18.90	18.75	18.67	18.62		
15	256QAM	36	20	19.46	19.42

Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42500	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42990		
Frequency [MHz]				3460	3500	3560		
20	QPSK	1	0	22.57	23.03	22.75		
20	QPSK	1	49	22.89	22.84	22.77	24.5	0
20	QPSK	50	0	22.56	22.89	22.75		
20	QPSK	50	24	21.95	21.99	21.81		
20	QPSK	50	49	21.95	21.80	21.83	23.5	1
20	QPSK	100	0	21.85	21.76	21.68		
20	QPSK	100	24	21.51	21.50	21.76		
20	16QAM	1	0	21.83	21.74	21.65		
20	16QAM	1	49	21.85	21.73	21.66	23.5	1
20	16QAM	50	0	21.85	21.79	21.69		
20	16QAM	50	24	20.95	20.86	20.75		
20	16QAM	50	49	20.95	20.80	20.77	22.5	2
20	16QAM	100	0	20.95	20.83	20.76		
20	64QAM	1	0	20.94	20.75	20.66		
20	64QAM	1	49	20.94	20.68	20.81	22.5	2
20	64QAM	50	0	20.95	20.81	20.75		
20	64QAM	50	24	19.92	19.85	19.77		
20	64QAM	50	49	19.93	19.80	19.76	21.5	3
20	64QAM	100	0	19.91	19.73	19.66		
20	64QAM	100	24	19.94	19.80	19.76		
20	256QAM	1	0	18.25	18.20	18.14		
20	256QAM	1	49	18.21	18.10	18.07	19.5	5
20	256QAM	1	99	18.19	18.13	18.00		
20	256QAM	50	0	18.20	17.90	17.82		
20	256QAM	50	24	17.99	17.96	17.83	19.5	5
20	256QAM	50	49	18.11	18.06	18.00		
20	256QAM	100	0	18.05	17.94	17.89		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	22.87	22.93	22.68		
15	QPSK	1	37	22.76	22.76	22.68	24.5	0
15	QPSK	1	74	22.56	22.66	22.67		
15	QPSK	36	0	21.89	21.88	21.78		
15	QPSK	36	20	21.91	21.84	21.71	23.5	1
15	QPSK	36	39	21.80	21.75	21.67		
15	QPSK	75	0	21.87	21.91	21.71		
15	16QAM	1	0	21.76	21.70	21.65		
15	16QAM	1	37	21.70	21.62	21.64	23.5	1
15	16QAM	1	74	21.60	21.71	21.60		
15	16QAM	36	0	20.82	20.70	20.70		
15	16QAM	36	20	20.90	20.87	20.71	22.5	2
15	16QAM	36	39	20.87	20.66	20.70		
15	16QAM	75	0	20.79	20.71	20.71		
15	16QAM	75	39	20.79	20.58	20.58		
15	64QAM	1	0	20.91	20.89	20.74	22.5	2
15	64QAM	1	74	20.90	20.81	20.68		
15	64QAM	36	0	19.80	19.76	19.65		
15	64QAM	36	20	19.82	19.81	19.76	21.5	3
15	64QAM	36	39	19.72	19.66	19.56		
15	64QAM	75	0	19.81	19.62	19.74		
15	64QAM	75	39	19.24	19.19	19.14		
15	256QAM	1	0	18.14	18.09	17.96	19.5	5
15	256QAM	1	74	18.09	18.01	17.94		
15	256QAM	36	0	18.00	17.90	17.81		
15	256QAM	36	20	17.97	17.90	17.74	19.5	5
15	256QAM	36	39	18.02	18.01	17.96		
15	256QAM	75	0	17.93	17.91	17.84		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	22.85	22.90	22.69		
10	QPSK	1	24	22.82	22.89	22.65	24.5	0
10	QPSK	1	49	22.83	22.87	22.73		
10	QPSK	25	0	21.90	21.87	21.77		
10	QPSK	25	12	21.89	21.87	21.71	23.5	1
10	QPSK	25	24	21.79	21.79	21.96		
10	QPSK	50	0	21.80	21.86	21.77		
10	16QAM	1	0	21.71	21.69	21.66		
10	16QAM	1	24	21.71	21.66	21.56	23.5	1
10	16QAM	1	49	21.76	21.79	21.66		
10	16QAM	25	0	20.80	20.70	20.68		
10	16QAM	25	12	20.87	20.82	20.77	22.5	2
10	16QAM	25	24	20.81	20.73	20.71		
10	16QAM	50	0	20.89	20.71	20.76		
10	64QAM	1	0	20.77	20.68	20.65		
10	64QAM	1	24	20.91	20.84	20.72	22.5	2
10	64QAM	1	49	20.84	20.72	20.64		
10	64QAM	25	0	19.80	19.84	19.74		
10	64QAM	25	12	19.80	19.81	19.77	21.5	3
10	64QAM	25	24	19.70	19.72	19.56		
10	64QAM	50	0	19.80	19.73	19.70		
10	256QAM	1	0	18.20	18.11	18.02		
10	256QAM	1	24	18.12	18.10	18.04	19.5	5
10	256QAM	1	49	18.09	18.07	17.94		
10	256QAM	25	0	17.90	17.90	17.84		
10	256QAM	25	12	17.99	17.95	17.73	19.5	5
10	256QAM	25	24	18.00	18.03	17.96		
10	256QAM	50	0	17.91	17.91	17.86		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	22.91	22.96	22.78		
5	QPSK	1	12	22.82	22.73	22.76	24.5	0
5	QPSK	1	24	22.80	22.96	22.77		
5	QPSK	12	0	21.92	21.87	21.72		
5	QPSK	12	6	21.90	21.86	21.82	23.5	1
5	QPSK	12	13	21.76	21.67	21.68		
5	QPSK	25	0	21.75	21.82	21.68		
5	16QAM	1	0	21.76	21.72	21.62		
5	16QAM	1	12	21.73	21.64	21.57	23.5	1
5	16QAM	1	24	21.76	21.72	21.59		
5	16QAM	12	0	20.80	20.75	20.68		
5	16QAM	12	7	20.91	20.86	20.68	22.5	2
5	16QAM	12	13	20.84	20.83	20.73		
5	16QAM	25	0	20.81	20.72	20.74		
5	64QAM	1	0	20.84	20.74	20.62		
5	64QAM	1	12	20.82	20.76	20.61	22.5	2
5	64QAM	1	24	20.80	20.78	20.68		
5	64QAM	12	0	19.86	19.83	19.69		
5	64QAM	12	7	19.83	19.80	19.72	21.5	3
5	64QAM	12	13	19.75	19.68	19.64		
5	64QAM	25	0	19.80	19.73	19.71		
5	256QAM	1	0	18.16	18.11	18.06		
5	256QAM	1	12	18.10	18.10	18.01	19.5	5
5	256QAM	1	24	18.10	18.11	17.90		
5	256QAM	12	0	18.00	17.96	17.86		
5	256QAM	12	7	17.97	17.91	17.74	19.5	5
5	256QAM	12	13	18.02	17.96	17.97		
5	256QAM	25	0	17.96	17.92	17.85		

Band 42_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42500	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42990		
Frequency [MHz]				3460	3500	3560		
20	QPSK	1	0	23.41	23.32	23.45		
20	QPSK	1	49	24.30	24.42	24.32	25.7	0
20	QPSK	50	0	24.31	24.42	24.32		
20	QPSK	50	24	23.39	23.47	23.33		
20	QPSK	50	49	23.35	23.41	23.35	24.7	1
20	QPSK	100	0	23.31	23.39	23.41		
20	QPSK	100	24	23.36	23.32	23.33		
20	16QAM	1	0	23.33	23.44	23.33		
20	16QAM	1	49	23.30	23.41	23.35	24.7	1
20	16QAM	50	0	23.39	23.37	23.33		
20	16QAM	50	24	22.36	22.35	22.33		
20	16QAM	50	49	22.41	22.37	22.34	23.7	2
20	16QAM	100	0	22.37	22.35	22.33		
20	16QAM	100	24	22.30	22.40	22.40		
20	64QAM	1	0	22.34	22.35	22.40		
20	64QAM	1	49	22.33	22.40	22.41	23.7	2
20	64QAM	50	0	22.32	22.37	22.40		
20	64QAM	50	24	21.31	21.36	21.32		
20	64QAM	50	49	21.36	21.40	21.40	22.7	3
20	64QAM	100	0	21.30	21.44	21.41		
20	64QAM	100	24	21.33	21.36	21.49		
20	256QAM	1	0	19.39	19.43	19.36		
20	256QAM	1	49	19.37	19.38	19.43	20.7	5
20	256QAM	1	99	19.36	19.44	19.43		
20	256QAM	50	0	19.33	19.40	19.33		
20	256QAM	50	24	19.36	19.44	19.39	20.7	5
20	256QAM	50	49	19.40	19.36	19.35		
20	256QAM	100	0	19.37	19.40	19.33		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	24.39	24.49	24.32		
15	QPSK	1	37	24.40	24.39	24.42	25.7	0
15	QPSK	1	74	24.31	24.40	24.40		
15	QPSK	36	0	23.40	23.45	23.39		
15	QPSK	36	20	23.47	23.46	23.49	24.7	1
15	QPSK	36	39	23.35	23.49	23.49		
15	QPSK	75	0	23.38	23.47	23.47		
15	16QAM	1	0	23.34	23.46	23.39		
15	16QAM	1	37	23.40	23.40	23.47	24.7	1
15	16QAM	1	74	23.48	23.46	23.46		
15	16QAM	36	0	22.40	22.46	22.37		
15	16QAM	36	20	22.52	22.45	22.45	23.7	2
15	16QAM	36	39	22.40	22.46	22.46		
15	16QAM	75	0	22.33	22.46	22.42		
15	16QAM	75	39	22.39	22.36	22.49		
15	64QAM	1	0	22.38	22.41	22.46		
15	64QAM	1	37	22.38	22.41	22.46	23.7	2
15	64QAM	1	74	22.34	22.42	22.46		
15	64QAM	36	0	21.31	21.43	21.44		
15	64QAM	36	20	21.43	21.43	21.46	22.7	3
15	64QAM	36	39	21.30	21.46	21.49		
15	64QAM	75	0	21.37	21.45	21.46		
15	64QAM	75	39	19.45	19.51	19.39		
15	256QAM	1	0	19.42	19.39	19.46	20.7	5
15	256QAM	1	74	19.37	19.52	19.52		
15	256QAM	36	0	19.32	19.46	19.40		
15	256QAM	36	20	19.36	19.49	19.41	20.7	5
15	256QAM	36	39	19.47	19.52	19.33		
15	256QAM	75	0	19.36	19.50	19.39		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	24.40	24.49	24.32		
10	QPSK	1	24	24.41	24.39	24.32	25.7	0
10	QPSK	1	49	24.40	24.41	24.40		
10	QPSK	25	0	23.50	23.50	23.38		
10	QPSK	25	12	23.41	23.52	23.40	24.7	1
10	QPSK	25	24	23.40	23.50	23.49		
10	QPSK	50	0	23.42	23.47	23.46		
10	16QAM	1	0	23.33	23.45	23.35		
10	16QAM	1	24	23.37	23.51	23.40	24.7	1
10	16QAM	1	49	23.46	23.53	23.37		
10	16QAM	25	0	22.37	22.37	22.37		
10	16QAM	25	12	22.42	22.48	22.37	23.7	2
10	16QAM	25	24	22.43	22.46	22.46		
10	16QAM	50	0	22.37	22.50	22.46		
10	64QAM	1	0	22.37	22.40	22.40		
10	64QAM	1	24	22.34	22.41	22.46	23.7	2
10	64QAM	1	49	22.44	22.40	22.40		
10	64QAM	25	0	21.43	21.48	21.32		
10	64QAM	25	12	21.46	21.53	21.40	22.7	3
10	64QAM	25	24	21.36	21.50	21.41		
10	64QAM	50	0	21.44	21.46	21.49		
10	256QAM	1	0	19.42	19.57	19.43		
10	256QAM	1	24	19.37	19.39	19.43	20.7	5
10	256QAM	1	49	19.45	19.48	19.46		
10	256QAM	25	0	19.43	19.49	19.32		
10	256QAM	25	12	19.44	19.48	19.39	20.7	5
10	256QAM	25	24	19.36	19.41	19.39		
10	256QAM	50	0	19.39	19.50	19.49		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	24.34	24.36	24.32		
5	QPSK	1	12	24.32	24.41	24.38	25.7	0
5	QPSK	1	24	24.39	24.38	24.32		
5	QPSK	12	0	23.47	23.49	23.37		
5	QPSK	12	6	23.47	23.52	23.42	24.7	1
5	QPSK	12	13	23.33	23.51	23.46		
5	QPSK	25	0	23.46	23.48	23.39		
5	16QAM	1	0	23.39	23.47	23.36		
5	16QAM	1	12	23.39	23.53	23.43	24.7	1
5	16QAM	1	24	23.48	23.48	23.39		
5	16QAM	12	0	22.45	22.47	22.33		
5	16QAM	12	7	22.50	22.45	22.49	23.7	2
5	16QAM	12	13	22.41	22.52	22.46		
5	16QAM	25	0	22.39	22.50	22.46		
5	64QAM	1	0	22.45	22.36	22.40		
5	64QAM	1	12	22.44	22.46	22.46	23.7	2
5	64QAM	1	24	22.36	22.47	22.46		
5	64QAM	12	0	21.40	21.41	21.32		
5	64QAM	12	7	21.46	21.45	21.32	22.7	3
5	64QAM	12	13	21.31	21.47	21.32		
5	64QAM	25	0	21.34	21.36	21.40		
5	256QAM	1	0	19.00	19.00	19.46		
5	256QAM	1	12	19.39	19.39	19.49	20.7	5
5	256QAM	1	24	19.36	19.56	19.57		
5	256QAM	12	0	19.36	19.35	19.43		
5	256QAM	12	7	19.36	19.50	19.49	20.7	5
5	256QAM	12	13	19.48	19.50	19.38		
5	256QAM	25	0	19.48	19.50	19.38		

Band 42_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42500	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42990		
Frequency [MHz]				3460	3500	3560		
20	QPSK	1	0	24.10	24.24	24.18		
20	QPSK	1	49	24.07	24.12	24.06	25	0
20	QPSK	50	0	24.00	24.12	24.15		
20	QPSK	50	24	23.03	23.17	23.15		
20	QPSK	50	49	23.10	23.13	23.16	24	1
20	QPSK	100	0	23.03	23.09	23.07		
20	QPSK	100	24	23.00	23.19	23.07		
20	16QAM	1	0	23.09	23.16	23.13		
20	16QAM	1	49	23.02	23.19	23.14	24	1
20	16QAM	50	0	23.06	23.09	23.16		
20	16QAM	50	24	22.04	22.19	22.15		
20	16QAM	50	49	22.09	22.14	22.14	23	2
20	16QAM	100	0	22.05	22.11	22.16		
20	64QAM	1	0	21.99	22.17	22.07		
20	64QAM	1	49	22.09	22.06	22.12		
20	64QAM	50	0	22.04	22.10	22.15	22	3
20	64QAM	50	24	21.01	21.12	21.17		
20	64QAM	50	49	20.99	21.13	21.14		
20	64QAM	100	0	21.03	21.17	21.14		
20	64QAM	100	24	21.09	21.12	21.16		
20	64QAM	100	49	21.00	21.13	21.17		
20	256QAM	1	0	19.09	19.12	19.16		
20	256QAM	1	49	19.07	19.16	19.10	20	5
20	256QAM	1	99	19.04	19.16	19.12		
20	256QAM	50	0	19.04	19.14	19.10		
20	256QAM	50	24	19.07	19.12	19.07	20	5
20	256QAM	50	49	19.09	19.08	19.17		
20	256QAM	100	0	19.01	19.12	19.12		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	23.99	24.16	24.16		
15	QPSK	1	37	24.14	24.18	24.06	25	0
15	QPSK	1	74	24.08	24.18	24.05		
15	QPSK	36	0	23.05	23.27	23.13		
15	QPSK	36	20	23.14	23.16	23.17	24	1
15	QPSK	36	39	23.04	23.15	23.16		
15	QPSK	75	0	23.16	23.26	23.17		
15	16QAM	1	0	23.15	23.11	23.16		
15	16QAM	1	37	23.12	23.18	23.09	24	1
15	16QAM	1	74	23.15	23.09	23.18		
15	16QAM	36	0	22.07	22.21	22.06		
15	16QAM	36	20	22.09	22.22	22.17	23	2
15	16QAM	36	39	22.12	22.22	22.26		
15	16QAM	75	0	22.11	22.18	22.15		
15	16QAM	75	39	22.18	22.14	22.22		
15	64QAM	1	0	22.06	22.15	22.24	23	2
15	64QAM	1	37	22.08	22.16	22.21		
15	64QAM	1	74	22.04	22.22	22.21		
15	64QAM	36	0	21.02	21.22	21.24		
15	64QAM	36	20	21.03	21.26	21.14	22	3
15	64QAM	36	39	21.04	21.17	21.21		
15	64QAM	75	0	21.04	21.16	21.21		
15	64QAM	75	39	19.16	19.23	19.17		
15	256QAM	1	0	19.02	19.08	19.17	20	5
15	256QAM	1	37	19.15	19.17	19.17		
15	256QAM	1	74	19.12	19.17	19.12		
15	256QAM	36	0	19.16	19.16	19.18		
15	256QAM	36	20	19.16	19.17	19.16	20	5
15	256QAM	36	39	19.17	19.15	19.22		
15	256QAM	75	0	19.04	19.12	19.15		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	24.07	24.18	24.16		
10	QPSK	1	24	24.14	24.26	24.16	25	0
10	QPSK	1	49	24.06	24.14	24.15		
10	QPSK	25	0	23.13	23.21	23.17		
10	QPSK	25	12	23.09	23.20	23.17	24	1
10	QPSK	25	24	23.11	23.16	23.15		
10	QPSK	50	0	23.02	23.17	23.14		
10	16QAM	1	0	23.16	23.19	23.19		
10	16QAM	1	24	23.06	23.22	23.18	24	1
10	16QAM	1	49	23.20	23.16	23.19		
10	16QAM	25	0	22.14	22.21	22.14		
10	16QAM	25	12	22.12	22.21	22.14	23	2
10	16QAM	25	24	22.13	22.20	22.21		
10	16QAM	50	0	22.09	22.17	22.07		
10	64QAM	1	0	22.16	22.10	22.19		
10	64QAM	1	24	22.12	22.21	22.23	23	2
10	64QAM	1	49	22.07	22.19	22.22		
10	64QAM	25	0	21.03	21.19	21.15		
10	64QAM	25	12	21.07	21.26	21.20	22	3
10	64QAM	25	24	21.15	21.17	21.18		
10	64QAM	50	0	21.07	21.16	21.22		
10	256QAM	1	0	19.13	19.19	19.18		
10	256QAM	1	24	19.11	19.19	19.19	20	5
10	256QAM	1	49	19.12	19.19	19.17		
10	256QAM	25	0	19.07	19.20	19.12		
10	256QAM	25	12	19.14	19.20	19.13	20	5
10	256QAM	25	24	19.17	19.19	19.19		
10	256QAM	50	0	19.10	19.13	19.17		
Channel				42190	42500	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	24.12	24.16	24.10		
5	QPSK	1	12	24.10	24.16	24.10	25	0
5	QPSK	1	24	24.02	24.16	24.15		
5	QPSK	12	0	23.09	23.27	23.16		
5	QPSK	12	6	23.16	23.20	23.27	24	1
5	QPSK	12	13	23.04	23.17	23.09		
5	QPSK	25	0	23.05	23.18	23.17		
5	16QAM	1	0	23.14	23.11	23.17		
5	16QAM	1	12	23.18	23.20	23.27	24	1
5	16QAM	1	24	23.14	23.15	23.19		
5	16QAM	12	0	22.05	22.11	22.06		
5	16QAM	12	7	22.13	22.20	22.22	23	2
5	16QAM	12	13	22.09	22.20	22.22		
5	16QAM	25	0	21.99	22.20	22.08		
5	64QAM	1	0	22.17	22.11	22.22		
5	64QAM	1	12	22.05	22.11	22.24	23	2
5	64QAM	1	24	22.13	22.16	22.24		
5	64QAM	12	0	21.01	21.15	21.20		
5	64QAM	12	7	21.03	21.26	21.21	22	3
5	64QAM	12	13	21.20	21.16	21.21		
5	64QAM	25	0	21.02	21.16	21.24		
5	256QAM	1	0	19.09	19.20	19.23		
5	256QAM	1	12	19.13	19.16	19.13	20	5
5	256QAM	1	24	19.13	19.21	19.13		
5	256QAM	12	0	19.16	19.26	19.22		
5	256QAM	12	7	19.14	19.19	19.14	20	5
5	256QAM	12	13	19.11	19.21	19.14		
5	256QAM	25	0	19.11	19.23	19.14		

Band 42_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42500	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42990		
Frequency [MHz]				3460	3500	3560		
20	QPSK	1	0	22.94	23.07	22.89		
20	QPSK	1	49	23.22	23.42	23.16	25	0
20	QPSK	50	0	23.06	23.28	23.03		
20	QPSK	50	24	22.29	22.52	22.25		
20	QPSK	50	49	22.25	22.45	22.21	24	1
20	QPSK	100	0	22.16	22.38	22.14		
20	QPSK	100	24	22.28	22.47	22.22		
20	16QAM	1	0	22.24	22.43	22.18		
20	16QAM	1	49	22.23	22.41	22.19	24	1
20	16QAM	50	0	22.16	22.35	22.12	

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power Mid Mode [dBm]	Power High Mode [dBm]	Power Ultra High Mode [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55640		
Frequency [MHz]				3440	3465	3415	3465		
20	QPSK	1	0	22.00	22.07	22.32	22.67	24	0
20	QPSK	1	49	22.02	22.40	22.40	22.23		
20	QPSK	50	0	21.70	22.03	22.32	22.36		
20	QPSK	50	0	21.70	21.76	21.57	21.41		
20	QPSK	50	24	21.72	21.59	21.61	21.41	23	1
20	QPSK	50	50	21.65	21.53	21.52	21.36		
20	QPSK	100	0	21.71	21.76	21.55	21.42		
20	16QAM	1	0	21.02	21.01	21.49	21.33		
20	16QAM	1	49	21.07	21.43	21.45	21.27	23	1
20	16QAM	1	99	21.66	21.55	21.55	21.35		
20	16QAM	50	0	20.07	20.04	20.34	20.30		
20	16QAM	50	24	20.73	20.62	20.60	20.41	22	2
20	16QAM	50	50	20.66	20.53	20.53	20.30		
20	16QAM	100	0	20.68	20.54	20.50	20.37		
20	64QAM	1	0	20.03	20.42	20.43	20.23		
20	64QAM	1	49	20.04	20.42	20.41	20.23	22	2
20	64QAM	1	99	20.07	20.43	20.46	20.27		
20	64QAM	50	0	19.64	19.62	19.92	19.34		
20	64QAM	50	24	19.97	19.78	19.78	19.57	21	3
20	64QAM	50	50	19.62	19.51	19.50	19.32		
20	64QAM	100	0	19.76	19.57	19.59	19.41		
20	256QAM	1	0	17.63	17.50	17.35	17.34		
20	256QAM	1	49	17.66	17.51	17.32	17.30	19	5
20	256QAM	1	99	17.66	17.43	17.40	17.26		
20	256QAM	50	0	17.63	17.49	17.32	17.32		
20	256QAM	50	24	17.64	17.51	17.33	17.36	19	5
20	256QAM	50	50	17.61	17.39	17.38	17.32		
20	256QAM	100	0	17.59	17.47	17.45	17.28		
Channel				55175	55190	55205	55220	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3415	3412.5	3410		
15	QPSK	1	0	22.55	22.55	22.53	22.53	24	0
15	QPSK	1	37	22.46	22.28	22.36	22.16		
15	QPSK	1	74	22.51	22.55	22.45	22.36		
15	QPSK	36	0	21.69	21.74	21.57	21.36		
15	QPSK	36	20	21.72	21.59	21.61	21.41	23	1
15	QPSK	36	39	21.69	21.52	21.52	21.36		
15	QPSK	75	0	21.61	21.76	21.51	21.31		
15	16QAM	1	0	21.55	21.53	21.39	21.33		
15	16QAM	1	37	21.56	21.33	21.49	21.16	23	1
15	16QAM	1	74	21.64	21.49	21.51	21.33		
15	16QAM	36	0	20.56	20.54	20.46	20.27		
15	16QAM	36	20	20.68	20.58	20.52	20.29	22	2
15	16QAM	36	39	20.57	20.51	20.50	20.28		
15	16QAM	75	0	20.64	20.49	20.52	20.30		
15	64QAM	1	0	20.48	20.42	20.32	20.10		
15	64QAM	1	37	20.46	20.43	20.37	20.23	22	2
15	64QAM	1	74	20.50	20.41	20.40	20.24		
15	64QAM	36	0	19.53	19.50	19.32	19.22		
15	64QAM	36	20	19.62	19.49	19.32	19.30	21	3
15	64QAM	36	39	19.58	19.39	19.40	19.33		
15	64QAM	75	0	19.69	19.49	19.50	19.32		
15	256QAM	1	0	17.59	17.44	17.42	17.23		
15	256QAM	1	37	17.42	17.28	17.32	17.06	19	5
15	256QAM	1	74	17.44	17.27	17.40	17.23		
15	256QAM	36	0	17.58	17.40	17.40	17.22		
15	256QAM	36	20	17.37	17.49	17.40	17.32	19	5
15	256QAM	36	39	17.49	17.37	17.32	17.10		
15	256QAM	75	0	17.56	17.43	17.48	17.26		
Channel				55165	55190	55215	55240	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3412.5	3415	3417.5	3420		
10	QPSK	1	0	22.58	22.56	22.36	22.36	24	0
10	QPSK	1	25	22.50	22.35	22.35	22.19		
10	QPSK	1	49	22.53	22.34	22.36	22.23		
10	QPSK	25	0	21.63	21.74	21.46	21.33	23	1
10	QPSK	25	12	21.67	21.59	21.46	21.36		
10	QPSK	25	25	21.60	21.59	21.46	21.24		
10	16QAM	1	0	21.57	21.53	21.39	21.33		
10	16QAM	1	25	21.61	21.39	21.46	21.24	23	1
10	16QAM	1	49	21.50	21.46	21.43	21.36		
10	16QAM	25	0	20.59	20.49	20.50	20.24		
10	16QAM	25	12	20.73	20.59	20.46	20.41	22	2
10	16QAM	25	25	20.59	20.52	20.52	20.34		
10	16QAM	50	0	20.60	20.49	20.50	20.25		
10	64QAM	1	0	20.43	20.40	20.37	20.15		
10	64QAM	1	25	20.50	20.40	20.36	20.16	22	2
10	64QAM	1	49	20.51	20.42	20.43	20.22		
10	64QAM	25	0	19.59	19.50	19.46	19.25		
10	64QAM	25	12	19.63	19.50	19.46	19.29	21	3
10	64QAM	25	25	19.59	19.43	19.39	19.31		
10	64QAM	50	0	19.70	19.53	19.50	19.40		
10	256QAM	1	0	17.51	17.48	17.39	17.26		
10	256QAM	1	25	17.51	17.48	17.39	17.26	19	5
10	256QAM	1	49	17.51	17.32	17.39	17.26		
10	256QAM	25	0	17.51	17.40	17.40	17.20		
10	256QAM	25	12	17.55	17.45	17.39	17.33	19	5
10	256QAM	25	25	17.49	17.32	17.32	17.10		
10	256QAM	50	0	17.55	17.35	17.45	17.23		
Channel				55145	55190	55235	55280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3407.5	3415	3422.5	3430		
5	QPSK	1	0	22.57	22.51	22.37	22.36	24	0
5	QPSK	1	12	22.49	22.34	22.28	22.19		
5	QPSK	1	24	22.53	22.49	22.32	22.36		
5	QPSK	12	0	21.65	21.67	21.59	21.41		
5	QPSK	12	6	21.69	21.53	21.43	21.32	23	1
5	QPSK	12	13	21.61	21.53	21.43	21.30		
5	QPSK	25	0	21.71	21.76	21.47	21.33		
5	16QAM	1	0	21.58	21.49	21.46	21.33		
5	16QAM	1	12	21.49	21.31	21.39	21.16	23	1
5	16QAM	1	24	21.61	21.53	21.46	21.31		
5	16QAM	12	0	20.63	20.49	20.50	20.31		
5	16QAM	12	7	20.65	20.54	20.53	20.29	22	2
5	16QAM	12	13	20.63	20.51	20.50	20.30		
5	16QAM	25	0	20.63	20.45	20.53	20.30		
5	64QAM	1	0	20.53	20.45	20.32	20.14		
5	64QAM	1	12	20.42	20.36	20.29	20.19	22	2
5	64QAM	1	24	20.53	20.43	20.36	20.18		
5	64QAM	12	0	19.63	19.49	19.46	19.26		
5	64QAM	12	7	19.65	19.46	19.46	19.32	21	3
5	64QAM	12	13	19.54	19.46	19.46	19.32		
5	64QAM	25	0	19.49	19.33	19.33	19.21		
5	256QAM	1	0	17.61	17.45	17.40	17.20		
5	256QAM	1	12	17.56	17.39	17.32	17.10	19	5
5	256QAM	1	24	17.53	17.31	17.37	17.19		
5	256QAM	12	0	17.53	17.46	17.46	17.34		
5	256QAM	12	7	17.53	17.37	17.32	17.22	19	5
5	256QAM	12	13	17.55	17.47	17.45	17.16		
5	256QAM	25	0	17.55	17.47	17.45	17.16		

Band 48_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power Mid Mode [dBm]	Power High Mode [dBm]	Power Ultra High Mode [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55640		
Frequency [MHz]				3440	3465	3415	3465		
20	QPSK	1	0	22.96	23.04	23.06	23.00	25.5	0
20	QPSK	1	49	23.06	23.02	23.04	23.00		
20	QPSK	1	99	23.07	23.04	23.06	23.04		
20	QPSK	50	0	22.84	22.96	22.66	22.91		
20	QPSK	50	24	22.87	22.92	22.58	22.93	24.5	1
20	QPSK	50	50	22.93	22.94	22.67	22.91		
20	QPSK	100	0	22.84	22.93	22.67	22.94		
20	16QAM	1	0	23.03	23.05	23.05	23.04		
20	16QAM	1	49	22.88	23.01	23.06	23.00	24.5	1
20	16QAM	1	99	23.00	23.02	23.02	23.06		
20	16QAM	50	0	21.86	21.96	21.66	21.90		
20	16QAM	50	24	21.85	21.96	21.52	21.92	23.5	2
20	16QAM	50	50	21.80	21.90	21.52	21.92		
20	16QAM	100	0	21.86	21.97	21.50	21.89		
20	64QAM	1	0	21.83	21.99	21.66	21.93		
20	64QAM	1	49	21.83	21.99	21.51	21.92	23.5	2
20	64QAM	1	99	21.83	21.94	21.56	21.93		
20	64QAM	50	0	20.86	20.93	20.67	20.88		
20	64QAM	50	24	20.86	20.96	20.56	20.91		
20	64QAM	50	50	20.87	20.96	20.66	20.90	22.5	3
20	64QAM	100	0	20.82	20.91	20.66	20.89		
20	256QAM	1	0	18.85	18.88	18.69	18.87		
20	256QAM	1	49	18.83	18.90	18.66	18.86	20.5	5
20	256QAM	1	99	18.84	18.86	18.64	18.86		
20	256QAM	50	0	18.86	18.91	18.66	18.91		
20	256QAM	50	24	18.86	18.86	18.69	18.91	20.5	5
20	256QAM	50	50	18.86	18.86	18.66	18.90		
20	256QAM	100	0	18.86	18.84	18.61	18.92		
Channel				55175	55190	55205	55220	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3415	3412.5	3410		
15	QPSK	1	0	22.94	23.06	23.01	23.06		
15	QPSK	1	37	23.07	23.02	23.08	23.09	25.5	0
15	QPSK	1	74	23.03	23.07	23.05	24.01		
15	QPSK	36	0	22.93	23.04	22.94	22.95		
15	QPSK	36	20	22.96	22.97	23.00	22.99	24.5	1
15	QPSK	36	39	23.03	22.98	22.97	23.01		
15	QPSK	75	0	22.87	22.96	22.93	22.96		
15	16QAM	1	0	24.02	24.00	23.93	23.97		
15	16QAM	1	37	23.96	23.96	23.90	23.99	24.5	1
15	16QAM	1	74	23.92	23.99	23.95	23.96		
15	16QAM	36	0	21.94	21.92	21.95	21.88		
15	16QAM	36	20	21.91	22.02	21.97	21.93	23.0	2
15	16QAM	36	39	21.96	21.96	22.02	21.97		
15	16QAM	75	0	21.96	22.00	21.97	21.97		
15	64QAM	1	0	21.96	21.94	21.90	22.03		
15	64QAM	1	37	21.89	21.93	22.00	22.03	23.5	2
15	64QAM	1	74	21.92	21.97	21.90	21.96		
15	64QAM	36	0	20.90	20.95	20.96	20.99		
15	64QAM	36	20	21.00	21.04	21.03	20.96	22.5	3
15	64QAM	36	39	20.94	21.03	20.96	20.97		
15	64QAM	75	0	20.97	21.04	20.96	20.96		
15	256QAM	1	0	18.94	18.93	18.93	19.04		
15	256QAM	1	37	18.95	18.95	18.97	18.98	20.5	5
15	256QAM	1	74	18.96	18.98	18.94	18.99		
15	256QAM	36	0	18.93	18.91	18.97	18.99		
15	256QAM	36	20	18.93	18.93	18.97	18.99	20.5	5
15	256QAM	36	39	18.96	18.91	18.91	19.03		
15	256QAM	75	0	18.88	19.01	18.91	19.03		
Channel				55165	55190	55215	55240	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3412.5	3415	3417.5	3420		
10	QPSK	1	0	22.93	22.94	22.95	23.00	25.5	0
10	QPSK	1	25	24.02	23.96	23.97	23.99		
10	QPSK	1	49	23.97	23.97	23.92	24.00		
10	QPSK	25	0	22.94	22.99	22.97	23.03		
10	QPSK	25	12	22.94	22.96	22.97	22.99	24.5	1
10	QPSK	25	25	23.02	22.99	22.95	22.97		
10	16QAM	1	0	22.95	22.92	22.90	22.95		
10	16QAM	1	25	22.97	22.99	22.95	23.00		
10	16QAM	1	49	23.02	22.96	22.91	22.97	24.5	1
10	16QAM	25	0	21.92	21.96	22.04	21.97		
10	16QAM	25	12	21.96	21.96	22.04	21.97	23.5	2
10	16QAM	25	25	21.92	21.98	21.94	22.04		
10	16QAM	50	0	21.96	22.04	21.92	21.94		
10	64QAM	1	0	21.93	21.96	21.94	22.04		
10	64QAM	1	25	21.93	21.96	21.94	22.04	23.5	2
10	64QAM	1	49	21.96	21.96	21.90	21.96		
10	64QAM	25	0	20.96	20.96	20.98	20.99		
10	64QAM	25	12	20.96	21.05	21.05	21.00	22.5	3
10	64QAM	25	25	20.99	21.05	20.91	20.99		
10	64QAM	50	0	21.01	20.99	20.93	20.99		
10	256QAM	1	0	18.95	18.91	19.01	19.05		
10	256QAM	1	25	18.97	18.91	19.03	19.05	20.5	5
10	256QAM	1	49	18.94	18.96	18.94	19.06		
10	256QAM	25	0	18.94	18.91	19.01	19.05		
10	256QAM	25	12	18.94	19.03	18.91	18.99	20.5	5
10	256QAM	25	25	18.98	19.04	19.03	19.03		
10	256QAM	50	0	18.97	19.05	18.95	19.03		
Channel				55145	55190	55235	55280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3407.5	3415	3422.5	3430		
5	QPSK	1	0	22.98	22.91	22.94	23.01		
5	QPSK	1	12	24.03	24.02	23.96	23.98	25.5	0
5	QPSK	1	24	23.93	23.94	23.94	23.98		
5	QPSK	12	0	22.87	22.93	22.97	22.92		
5	QPSK	12	6	22.87	22.95	22.94	22.93	24.5	1
5	QPSK	12	13	23.00	23.00	22.94	23.06		
5	QPSK	25	0	22.94	23.01	22.94	22.96		
5	16QAM	1	0	23.96	23.87	23.93	24.02		
5	16QAM	1	12	23.92	23.92	23.90	23.96	24.5	1
5	16QAM	1	24	23.92	24.00	23.93	24.02		
5	16QAM	12	0	21.99	22.01	21.97	21.92		
5	16QAM	12	7	21.87	22.03	21.94	21.96	23.5	2
5	16QAM	12	13	21.92	21.97	21.94	21.96		
5	16QAM	25	0	21.94	22.05	22.02	21.98		
5	64QAM	1	0	21.87	21.92	21.90	21.96		
5	64QAM	1	12	21.83	22.00	22.03	22.04	23.5	2
5	64QAM	1	24	21.92	21.96	21.90	21.96		
5	64QAM	12	0	20.94	21.04	20.96	20.99		
5	64QAM	12	7	20.96	21.00	20.96	20.97	22.5	3
5	64QAM	12	13	20.92	21.01	21.00	20.99		
5	64QAM	25	0	20.96	20.91	20.96	20.97		
5	256QAM	1	0	18.97	18.99	18.96	18.98		
5	256QAM	1	12	18.96	18.99	18.96	18.98	20.5	5
5	256QAM	1	24	19.00	18.97	18.96	18.98		
5	256QAM	12	0	18.97	19.00	18.97	18.96		
5	256QAM	12	7	18.96	18.99	18.96	18.98	20.5	5
5	256QAM	12	13	18.94	19.02	18.95	19.00		
5	256QAM	25	0	18.94	19.02	18.95	19.00		

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power Mid Mode [dBm]	Power High Mode [dBm]	Power Ultra High Mode [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55640		
Frequency [MHz]				3440	3465	3415	3465		
20	QPSK	1	0	24.08	24.07	24.15	24.12	26	0
20	QPSK	1	49	24.06	24.16	24.06	24.05		
20	QPSK	1	99	24.00	24.16	24.07	24.02		
20	QPSK	50	0	23.04	23.10	23.03	23.11		
20	QPSK	50	24	23.03	23.07	23.10	23.06	24	1
20	QPSK	50	50	23.01	23.09	23.07	23.03		
20	QPSK	100	0	23.00	23.10	23.09	23.04		
20	16QAM	1	0	23.06	23.05	23.11	23.06		
20	16QAM	1	49	23.03	23.06	23.06	23.03	24	1
20	16QAM	1	99	23.03	23.06	23.06	23.03		
20	16QAM	50	0	21.89	21.97	21.92	21.94		
20	16QAM	50	24	22.00	22.09	22.08	22.05	23	2
20	16QAM	50	50	21.98	22.16	22.13	22.03		
20	16QAM	100	0	22.00	22.15	22.14	22.04		
20	64QAM	1	0	21.97	22.14	22.07	22.02		
20	64QAM	1	49	21.97	22.07	22.06	22.12	23	2
20	64QAM	1	99	21.96	22.16	22.13	22.02		
20	64QAM	50	0	20.96	21.07	21.12	21.03		
20	64QAM	50	24	21.01	21.17	21.04	21.01	22	3
20	64QAM	50	50	21.06	21.19	21.06	21.02		
20	64QAM	100	0	20.98	21.17	21.06	21.07		
20	256QAM	1	0	19.00	19.14	19.09	19.09		
20	256QAM	1	49	19.02	19.19	19.12	19.06	20	5
20	256QAM	1	99	19.00	19.09	19.09	19.01		
20	256QAM	50	0	18.98	19.16	19.13	19.04		
20	256QAM	50	24	18.98	19.06	19.09	19.11	20	5
20	256QAM	50	50	19.00	19.15	19.13	19.02		
20	256QAM	100	0	19.07	19.12	19.09	19.01		
Channel				55175	55190	55205	55220	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3415	3412.5	3410		
15	QPSK	1	0	24.04	24.08	24.09	24.10		
15	QPSK	1	37	24.04	24.07	23.98	24.04	26	0
15	QPSK	1	74	23.92	24.03	23.98	24.01		
15	QPSK	36	0	23.02	23.11	23.03	23.04		
15	QPSK	36	20	22.91	23.05	23.08	23.07	24	1
15	QPSK	36	39	23.00	22.98	23.05	22.98		
15	QPSK	75	0	22.94	23.06	23.04	23.02		
15	16QAM	1	0	23.01	22.97	23.05	22.96		
15	16QAM	1	37	22.98	22.96	23.12	22.91	24	1
15	16QAM	1	74	23.00	23.05	22.97	22.94		
15	16QAM	36	0	21.87	22.11	22.02	22.00		
15	16QAM	36	20	21.88	22.07	21.98	21.99	23	2
15	16QAM	36	39	21.91	22.06	22.02	21.97		
15	16QAM	75	0	21.98	22.09	22.03	21.95		
15	64QAM	1	0	21.92	22.11	22.06	21.99		
15	64QAM	1	37	21.92	21.99	21.99	22.05	23	2
15	64QAM	1	74	21.88	21.97	21.94	22.00		
15	64QAM	36	0	20.93	21.06	21.08	20.96		
15	64QAM	36	20	20.93	21.07	21.08	20.96	22	3
15	64QAM	36	39	21.00	21.09	21.00	20.94		
15	64QAM	75	0	20.97	21.05	21.04	20.96		
15	256QAM	1	0	19.02	19.05	19.08	19.08		
15	256QAM	1	37	19.02	19.03	19.01	19.08	20	5
15	256QAM	1	74	19.00	19.06	19.03	18.91		
15	256QAM	36	0	19.00	19.07	19.04	18.94		
15	256QAM	36	20	18.98	18.96	19.07	19.04	20	5
15	256QAM	36	39	18.98	19.01	19.12	19.07		
15	256QAM	75	0	18.98	19.11	19.04	18.98		
Channel				55165	55190	55215	55240	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3412.5	3415	3417.5	3420		
10	QPSK	1	0	24.03	24.10	24.13	24.08		
10	QPSK	1	25	24.03	24.11	24.02	23.93	26	0
10	QPSK	1	49	24.00	24.14	24.01	24.00		
10	QPSK	25	0	22.97	23.08	22.97	23.06		
10	QPSK	25	12	22.92	23.11	23.02	23.06	24	1
10	QPSK	25	25	22.99	23.07	23.00	22.95		
10	16QAM	1	0	22.95	23.11	22.97	22.96		
10	16QAM	1	25	22.94	22.96	23.11	22.97		
10	16QAM	1	49	23.00	23.01	23.06	22.95	24	1
10	16QAM	25	0	21.96	22.10	21.97	22.02		
10	16QAM	25	12	21.88	21.99	22.01	22.03	23	2
10	16QAM	25	25	21.97	22.06	21.97	22.03		
10	16QAM	50	0	21.97	22.06	22.14	22.02		
10	64QAM	1	0	21.87	22.14	22.02	21.98		
10	64QAM	1	25	21.89	22.04	22.05	22.04	23	2
10	64QAM	1	49	21.87	22.04	22.03	22.08		
10	64QAM	25	0	20.89	21.07	21.07	20.91		
10	64QAM	25	12	20.90	21.06	21.03	21.02	23	3
10	64QAM	25	25	21.05	21.03	21.03	21.02		
10	64QAM	50	0	20.90	21.06	21.03	21.02		
10	256QAM	1	0	19.09	19.03	19.04	19.03		
10	256QAM	1	25	19.11	19.08	19.03	19.03	20	5
10	256QAM	1	49	19.07	18.95	18.99			
10	256QAM	25	0	18.94	19.10	19.03	19.03		
10	256QAM	25	12	19.00	19.06	19.05	19.10	20	5
10	256QAM	25	25	18.94	19.14	19.03	19.03		
10	256QAM	50	0	19.00	19.08	18.94	19.02		
Channel				55145	55190	55235	55280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3407.5	3415	3422.5	3430		
5	QPSK	1

Reduced Power for DSI 1

GSM850_Ant 0	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	33.46	33.43	33.39	**34.00**	24.46	24.43	24.39	25.00
GPRS 1 Tx slot	33.44	33.38	33.36	**34.00**	24.44	24.38	24.36	25.00
GPRS 2 Tx slots	30.15	30.18	30.04	**31.00**	24.15	24.18	24.04	25.00
GPRS 3 Tx slots	28.30	28.35	28.12	**29.00**	24.04	24.09	23.86	24.74
GPRS 4 Tx slots	26.65	26.72	26.36	**28.00**	23.65	23.72	23.36	25.00
EDGE 1 Tx slot	26.48	26.45	26.33	**27.50**	17.48	17.45	17.33	18.50
EDGE 2 Tx slots	23.75	23.82	23.74	**24.50**	17.75	17.82	17.74	18.50
EDGE 3 Tx slots	22.02	21.95	21.99	**22.50**	17.76	17.69	17.73	18.24
EDGE 4 Tx slots	20.60	20.49	20.46	**21.50**	17.60	17.49	17.46	18.50

GSM850_Ant 1	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	31.17	31.15	31.10	**33.00**	22.17	22.15	22.10	24.00
GPRS 1 Tx slot	31.05	31.10	31.09	**33.00**	22.05	22.10	22.09	24.00
GPRS 2 Tx slots	28.34	28.32	28.23	**30.00**	22.34	22.32	22.23	24.00
GPRS 3 Tx slots	26.60	27.02	27.04	**28.00**	22.34	22.76	22.78	23.74
GPRS 4 Tx slots	25.11	25.26	25.22	**27.00**	22.11	22.26	22.22	24.00
EDGE 1 Tx slot	24.87	24.53	24.90	**26.50**	15.87	15.53	15.90	17.50
EDGE 2 Tx slots	21.93	21.93	21.99	**23.50**	15.93	15.93	15.99	17.50
EDGE 3 Tx slots	20.48	20.11	20.11	**21.50**	16.22	15.85	15.85	17.24
EDGE 4 Tx slots	18.92	19.01	18.68	**20.50**	15.92	16.01	15.68	17.50

GSM1900_Ant 2	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	30.61	30.62	30.58	**31.00**	21.61	21.62	21.58	22.00
GPRS 1 Tx slot	30.52	30.56	30.48	**31.00**	21.52	21.56	21.48	22.00
GPRS 2 Tx slots	27.13	27.36	27.31	**28.00**	21.13	21.36	21.31	22.00
GPRS 3 Tx slots	25.18	25.26	25.33	**26.00**	20.92	21.00	21.07	21.74
GPRS 4 Tx slots	24.66	24.69	24.65	**25.00**	21.66	21.69	21.65	22.00
EDGE 1 Tx slot	25.93	26.01	26.04	**26.50**	16.93	17.01	17.04	17.50
EDGE 2 Tx slots	22.84	23.17	23.23	**23.50**	16.84	17.17	17.23	17.50
EDGE 3 Tx slots	21.19	21.25	21.42	**21.50**	16.93	16.99	17.16	17.24
EDGE 4 Tx slots	19.59	19.65	19.87	**20.50**	16.59	16.65	16.87	17.50

GSM1900_Ant 1	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	24.71	24.75	24.73	**25.00**	15.71	15.75	15.73	16.00
GPRS 1 Tx slot	24.70	24.74	24.71	**25.00**	15.70	15.74	15.71	16.00
GPRS 2 Tx slots	21.32	21.43	21.38	**22.00**	15.32	15.43	15.38	16.00
GPRS 3 Tx slots	19.25	19.46	19.38	**20.00**	14.99	15.20	15.12	15.74
GPRS 4 Tx slots	18.13	18.23	18.20	**19.00**	15.13	15.23	15.20	16.00
EDGE 1 Tx slot	20.02	19.99	19.99	**21.00**	11.02	10.99	10.99	12.00
EDGE 2 Tx slots	17.11	17.18	17.10	**18.00**	11.11	11.18	11.10	12.00
EDGE 3 Tx slots	15.11	15.24	15.22	**16.00**	10.85	10.98	10.96	11.74
EDGE 4 Tx slots	13.70	13.85	13.76	**15.00**	10.70	10.85	10.76	12.00

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.52	24.64	24.65	**25.00**	14.50	14.72	14.73	**15.50**
3GPP Rel 99	RMC 12.2Kbps	24.53	24.67	24.66	**25.00**	14.58	14.74	14.73	**15.50**
3GPP Rel 6	HSDPA Subtest-1	23.43	23.52	23.46	**24.00**	13.57	13.63	13.57	**14.50**
3GPP Rel 6	HSDPA Subtest-2	23.45	23.51	23.48	**24.00**	13.70	13.67	13.67	**14.50**
3GPP Rel 6	HSDPA Subtest-3	22.98	22.99	22.97	**23.50**	13.19	13.07	13.09	**14.00**
3GPP Rel 6	HSDPA Subtest-4	22.94	23.02	22.96	**23.50**	13.06	13.23	13.19	**14.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.30	23.40	23.30	**24.00**	13.63	13.57	13.20	**14.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.27	23.37	23.22	**24.00**	13.54	13.53	13.11	**14.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.80	22.76	**23.50**	13.13	13.06	12.51	**14.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.80	22.71	**23.50**	12.90	12.98	12.40	**14.00**
3GPP Rel 6	HSUPA Subtest-1	23.49	23.54	23.52	**24.00**	13.63	13.53	13.58	**14.50**
3GPP Rel 6	HSUPA Subtest-2	21.46	21.47	21.50	**22.00**	11.56	11.46	11.53	**12.50**
3GPP Rel 6	HSUPA Subtest-3	22.45	22.56	22.51	**23.00**	12.43	12.61	12.54	**13.50**
3GPP Rel 6	HSUPA Subtest-4	21.44	21.52	21.51	**22.00**	11.42	11.59	11.64	**12.50**
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.60	**24.00**	13.50	13.61	13.65	**14.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.42	20.51	20.53	**21.50**	11.02	11.26	11.34	**12.00**

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.28	24.37	24.33	**25.00**	16.63	16.69	16.64	**17.50**
3GPP Rel 99	RMC 12.2Kbps	24.29	24.39	24.38	**25.00**	16.64	16.74	16.73	**17.50**
3GPP Rel 6	HSDPA Subtest-1	23.16	23.24	23.19	**24.00**	15.60	15.73	15.75	**16.50**
3GPP Rel 6	HSDPA Subtest-2	23.14	23.25	23.21	**24.00**	15.73	15.69	15.66	**16.50**
3GPP Rel 6	HSDPA Subtest-3	22.66	22.75	22.71	**23.50**	15.07	15.26	15.14	**16.00**
3GPP Rel 6	HSDPA Subtest-4	22.59	22.78	22.65	**23.50**	15.17	15.29	15.18	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.09	22.98	**24.00**	15.36	15.20	15.22	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.21	23.10	22.98	**24.00**	15.22	15.18	15.27	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.71	22.60	22.44	**23.50**	14.74	14.67	14.75	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.58	22.46	**23.50**	14.72	14.71	14.71	**16.00**
3GPP Rel 6	HSUPA Subtest-1	23.20	23.26	23.28	**24.00**	15.67	15.73	15.64	**16.50**
3GPP Rel 6	HSUPA Subtest-2	21.21	21.25	21.28	**22.00**	13.72	13.83	13.76	**14.50**
3GPP Rel 6	HSUPA Subtest-3	22.24	22.24	22.27	**23.00**	14.65	14.75	14.73	**15.50**
3GPP Rel 6	HSUPA Subtest-4	21.22	21.26	21.25	**22.00**	13.82	13.81	13.74	**14.50**
3GPP Rel 6	HSUPA Subtest-5	23.20	23.30	23.30	**24.00**	15.70	15.79	15.77	**16.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.01	20.24	20.25	**21.50**	13.48	13.55	13.38	**14.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	24.29	24.31	24.25	**25.50**	22.34	22.45	22.36	**23.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.34	24.26	**25.50**	22.39	22.53	22.42	**23.50**
3GPP Rel 6	HSDPA Subtest-1	23.28	23.31	23.25	**24.50**	21.38	21.52	21.34	**22.50**
3GPP Rel 6	HSDPA Subtest-2	23.30	23.28	23.26	**24.50**	21.46	21.42	21.48	**22.50**
3GPP Rel 6	HSDPA Subtest-3	22.73	22.75	22.72	**24.00**	20.90	21.00	20.91	**22.00**
3GPP Rel 6	HSDPA Subtest-4	22.73	22.75	22.71	**24.00**	20.89	20.97	20.97	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.22	23.11	**24.50**	21.43	21.35	21.37	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.20	23.09	**24.50**	21.32	21.29	21.32	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.75	22.68	**24.00**	20.88	20.82	20.87	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.65	22.70	22.60	**24.00**	20.76	20.87	20.91	**22.00**
3GPP Rel 6	HSUPA Subtest-1	23.23	23.27	23.21	**24.50**	21.47	21.59	21.43	**22.50**
3GPP Rel 6	HSUPA Subtest-2	21.28	21.30	21.22	**22.50**	19.42	19.46	19.43	**20.50**
3GPP Rel 6	HSUPA Subtest-3	22.25	22.26	22.21	**23.50**	20.46	20.45	20.37	**21.50**
3GPP Rel 6	HSUPA Subtest-4	21.23	21.25	21.15	**22.50**	19.34	19.40	19.32	**20.50**
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.20	**24.50**	21.41	21.51	21.49	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.10	21.06	**22.00**	19.25	19.21	19.09	**20.00**

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.13	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.68	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.01	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.41	23.5	2
20	64QAM	1	49	22.02	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.18	21.06	22.5	3
20	64QAM	50	24	21.16	20.99	21.12		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
20	256QAM	1	0	19.35	19.37	19.34	20.5	5
20	256QAM	1	49	19.38	19.50	19.58		
20	256QAM	1	99	19.33	19.35	19.51		
20	256QAM	50	0	19.28	19.36	19.32		
20	256QAM	50	24	19.26	19.10	19.27		
20	256QAM	50	50	19.34	19.27	19.35		
20	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.12		
15	QPSK	36	39	23.04	23.16	23.10		
15	QPSK	75	0	23.14	23.10	23.21		
15	16QAM	1	0	23.27	23.15	23.35	24.5	1
15	16QAM	1	37	23.65	22.97	23.43		
15	16QAM	1	74	23.55	23.26	23.78		
15	16QAM	36	0	22.05	22.03	22.18	23.5	2
15	16QAM	36	20	21.93	21.95	22.05		
15	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36	23.5	2
15	64QAM	1	37	22.09	22.10	21.96		
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03	22.5	3
15	64QAM	36	20	20.98	20.93	21.09		
15	64QAM	36	39	21.03	21.03	21.08		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	24.10	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.04		
10	QPSK	1	49	24.08	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.98	23.03		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	16QAM	1	0	23.26	23.02	23.38	24.5	1
10	16QAM	1	25	23.62	22.85	23.40		
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	21.91	21.91	22.06		
10	16QAM	25	25	22.19	22.05	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	64QAM	1	0	22.21	21.79	22.37	23.5	2
10	64QAM	1	25	22.22	22.21	22.08		
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.03	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.99	21.08		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	25	19.23	19.60	19.54		
10	256QAM	1	49	19.13	19.26	19.39		
10	256QAM	25	0	19.17	19.26	19.08		
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.06	23.06	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.09	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.66		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.91	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.25		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.06	19.11	19.12		
5	256QAM	25	0	19.20	19.34	19.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.99	24.04	25.5	0
3	QPSK	1	8	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.95	22.10		
3	16QAM	8	7	22.16	22.01	22.13		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	21.09	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.12	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.02		
1.4	QPSK	3	0	23.95	23.95	23.92	24.5	1
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.95	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11		
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.36		
1.4	16QAM	1	5	23.56	23.20	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.66	23.34		
1.4	16QAM	3	3	23.45	23.15	23.65		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.95	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.11		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.75	19.78	19.65	21	0
20	QPSK	1	49	19.66	19.66	19.62		
20	QPSK	1	99	19.69	19.64	19.56		
20	QPSK	50	0	18.97	19.57	19.55	21	1
20	QPSK	50	24	19.44	19.54	19.56		
20	QPSK	50	50	19.45	19.54	19.54		
20	QPSK	100	0	19.53	19.54	19.53		
20	16QAM	1	0	19.67	19.75	19.77	21	0
20	16QAM	1	49	19.77	19.77	19.71		
20	16QAM	1	99	19.61	19.62	19.62		
20	16QAM	50	0	19.58	19.59	19.53	21	0
20	16QAM	50	24	19.69	19.65	19.66		
20	16QAM	50	50	19.60	19.64	19.54		
20	16QAM	100	0	19.61	19.62	19.59		
20	64QAM	1	0	19.58	19.65	19.63	21	0
20	64QAM	1	49	19.70	19.76	19.77		
20	64QAM	1	99	19.53	19.60	19.59		
20	64QAM	50	0	19.62	19.57	19.62	21	0
20	64QAM	50	24	19.62	19.58	19.61		
20	64QAM	50	50	19.56	19.58	19.58		
20	64QAM	100	0	19.54	19.57	19.58		
20	256QAM	1	0	19.28	19.31	19.34	20.5	0.5
20	256QAM	1	49	19.41	19.64	19.55		
20	256QAM	1	99	19.50	19.58	19.51		
20	256QAM	50	0	19.37	19.45	19.21	20.5	0.5
20	256QAM	50	24	19.32	19.34	19.33		
20	256QAM	50	50	19.37	19.39	19.31		
20	256QAM	100	0	19.25	19.36	19.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.73	19.70	19.61	21	0
15	QPSK	1	37	19.64	19.58	19.57		
15	QPSK	1	74	19.77	19.54	19.54		
15	QPSK	36	0	19.36	19.46	19.46	21	1
15	QPSK	36	20	19.33	19.47	19.43		
15	QPSK	36	39	19.38	19.52	19.48		
15	QPSK	75	0	19.49	19.50	19.51		
15	16QAM	1	0	19.54	19.68	19.70	21	0
15	16QAM	1	37	19.62	19.75	19.68		
15	16QAM	1	74	19.56	19.53	19.49		
15	16QAM	36	0	19.46	19.57	19.41	21	0
15	16QAM	36	20	19.46	19.56	19.54		
15	16QAM	36	39	19.54	19.52	19.47		
15	16QAM	75	0	19.53	19.54	19.47		
15	64QAM	1	0	19.47	19.63	19.58	21	0
15	64QAM	1	37	19.58	19.73	19.68		
15	64QAM	1	74	19.49	19.53	19.55		
15	64QAM	36	0	19.51	19.49	19.53	21	0
15	64QAM	36	20	19.60	19.47	19.56		
15	64QAM	36	39	19.54	19.47	19.48		
15	64QAM	75	0	19.52	19.51	19.55		
15	256QAM	1	0	19.36	19.34	19.34	20.5	0.5
15	256QAM	1	37	19.45	19.61	19.53		
15	256QAM	1	74	19.46	19.47	19.49		
15	256QAM	36	0	19.47	19.47	19.17	20.5	0.5
15	256QAM	36	20	19.13	19.33	19.26		
15	256QAM	36	39	19.26	19.27	19.19		
15	256QAM	75	0	19.24	19.31	19.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.68	19.71	19.59	21	0
10	QPSK	1	25	19.53	19.49	19.51		
10	QPSK	1	49	19.60	19.51	19.53		
10	QPSK	25	0	19.36	19.48	19.52	21	0
10	QPSK	25	12	19.33	19.46	19.51		
10	QPSK	25	25	19.36	19.44	19.42		
10	QPSK	50	0	19.46	19.43	19.44		
10	16QAM	1	0	19.57	19.72	19.74	21	0
10	16QAM	1	25	19.69	19.69	19.62		
10	16QAM	1	49	19.54	19.58	19.60		
10	16QAM	25	0	19.55	19.56	19.44	21	0
10	16QAM	25	12	19.55	19.47	19.54		
10	16QAM	25	25	19.47	19.51	19.48		
10	16QAM	50	0	19.52	19.50	19.54		
10	64QAM	1	0	19.59	19.67	19.56	21	0
10	64QAM	1	25	19.68	19.73	19.71		
10	64QAM	1	49	19.41	19.55	19.50		
10	64QAM	25	0	19.41	19.54	19.53	21	0
10	64QAM	25	12	19.57	19.56	19.53		
10	64QAM	25	25	19.52	19.45	19.49		
10	64QAM	50	0	19.44	19.47	19.45		
10	256QAM	1	0	19.18	19.27	19.32	20.5	0.5
10	256QAM	1	25	19.43	19.61	19.47		
10	256QAM	1	49	19.43	19.40	19.48		
10	256QAM	25	0	19.27	19.39	19.16	20.5	0.5
10	256QAM	25	12	19.06	19.30	19.23		
10	256QAM	25	25	19.25	19.36	19.26		
10	256QAM	50	0	19.14	19.34	19.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.68	19.70	19.60	21	0
5	QPSK	1	12	19.60	19.63	19.53		
5	QPSK	1	24	19.56	19.61	19.53		
5	QPSK	12	0	19.36	19.48	19.50	21	0
5	QPSK	12	7	19.37	19.48	19.43		
5	QPSK	12	13	19.39	19.52	19.45		
5	QPSK	25	0	19.50	19.42	19.43		
5	16QAM	1	0	19.58	19.64	19.72	21	0
5	16QAM	1	12	19.73	19.67	19.63		
5	16QAM	1	24	19.54	19.47	19.49		
5	16QAM	12	0	19.58	19.59	19.49	21	0
5	16QAM	12	7	19.58	19.52	19.60		
5	16QAM	12	13	19.50	19.59	19.47		
5	16QAM	25	0	19.50	19.58	19.47		
5	64QAM	1	0	19.56	19.52	19.56	21	0
5	64QAM	1	12	19.61	19.68	19.70		
5	64QAM	1	24	19.49	19.55	19.46		
5	64QAM	12	0	19.57	19.49	19.49	21	0
5	64QAM	12	7	19.59	19.46	19.52		
5	64QAM	12	13	19.51	19.46	19.40		
5	64QAM	25	0	19.47	19.51	19.49		
5	256QAM	1	0	19.26	19.26	19.32	20.5	0.5
5	256QAM	1	12	19.41	19.51	19.52		
5	256QAM	1	24	19.42	19.48	19.44		
5	256QAM	12	0	19.33	19.34	19.19	20.5	0.5
5	256QAM	12	7	19.16	19.35	19.25		
5	256QAM	12	13	19.27	19.32	19.12		
5	256QAM	25	0	19.13	19.38	19.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.71	19.78	19.60	21	0
3	QPSK	1	8	19.54	19.60	19.56		
3	QPSK	1	14	19.66	19.55	19.49		
3	QPSK	8	0	19.35	19.44	19.44	21	0
3	QPSK	8	4	19.31	19.47	19.50		
3	QPSK	8	7	19.40	19.52	19.47		
3	QPSK	15	0	19.49	19.52	19.41		
3	16QAM	1	0	19.58	19.69	19.68	21	0
3	16QAM	1	8	19.69	19.72	19.63		
3	16QAM	1	14	19.58	19.61	19.53		
3	16QAM	8	0	19.48	19.56	19.46	21	0
3	16QAM	8	4	19.61	19.58	19.57		
3	16QAM	8	7	19.51	19.59	19.44		
3	16QAM	15	0	19.50	19.59	19.46		
3	64QAM	1	0	19.51	19.62	19.50	21	0
3	64QAM	1	8	19.61	19.75	19.75		
3	64QAM	1	14	19.48	19.54	19.56		
3	64QAM	8	0	19.35	19.49	19.57	21	0
3	64QAM	8	4	19.49	19.53	19.48		
3	64QAM	8	7	19.51	19.53	19.54		
3	64QAM	15	0	19.48	19.54	19.48		
3	256QAM	1	0	19.18	19.24	19.24	20.5	0.5
3	256QAM	1	8	19.47	19.60	19.50		
3	256QAM	1	14	19.47	19.45	19.39		
3	256QAM	8	0	19.35	19.42	19.19	20.5	0.5
3	256QAM	8	4	19.24	19.29	19.27		
3	256QAM	8	7	19.35	19.35	19.27		
3	256QAM	15	0	19.12	19.26	19.22		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.73	19.71	19.62	21	0
1.4	QPSK	1	3	19.62	19.59	19.56		
1.4	QPSK	1	5	19.69	19.47	19.47		
1.4	QPSK	3	0	19.35	19.51	19.49	21	0
1.4	QPSK	3	1	19.36	19.41	19.51		
1.4	QPSK	3	3	19.34	19.45	19.45		
1.4	QPSK	6	0	19.42	19.51	19.43	21	0
1.4	16QAM	1	0	19.54	19.62	19.71	21	0
1.4	16QAM	1	3	19.68	19.63	19.63		
1.4	16QAM	1	5	19.59	19.58	19.52		
1.4	16QAM	3	0	19.50	19.53	19.48		
1.4	16QAM	3	1	19.63	19.55	19.56		
1.4	16QAM	3	3	19.55	19.44	19.44		
1.4	16QAM	6	0	19.55	19.54	19.48	21	0
1.4	64QAM	1	0	19.45	19.56	19.60	21	0
1.4	64QAM	1	3	19.59	19.75	19.75		
1.4	64QAM	1	5	19.46	19.55	19.52		
1.4	64QAM	3	0	19.50	19.44	19.56		
1.4	64QAM	3	1	19.57	19.50	19.52		
1.4	64QAM	3	3	19.52	19.44	19.53		
1.4	64QAM	6	0	19.52	19.48	19.46	21	0
1.4	256QAM	1	0	19.23	19.20	19.30	20.5	0.5
1.4	256QAM	1	3	19.41	19.59	19.49		
1.4	256QAM	1	5	19.40	19.46	19.46		
1.4	256QAM	3	0	19.27	19.36	19.10		
1.4	256QAM	3	1	19.15	19.28	19.25		
1.4	256QAM	3	3	19.25	19.27	19.21		
1.4	256QAM	6	0	19.23	19.25	19.31	20.5	0.5

Band 4_Ant 0

BW [MHz]	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	22.33	22.89	22.45	24	0
20	QPSK	1	49	22.36	22.10	22.12		
20	QPSK	1	99	22.03	22.06	22.34		
20	QPSK	50	0	21.21	21.47	21.45	23	1
20	QPSK	50	24	21.25	21.28	21.26		
20	QPSK	50	50	21.04	21.17	21.16		
20	QPSK	100	0	21.26	21.38	21.37		
20	16QAM	1	0	21.48	22.11	21.40	23	1
20	16QAM	1	49	21.35	21.10	21.81		
20	16QAM	1	99	21.55	21.81	21.22		
20	16QAM	50	0	20.16	20.24	20.46	22	2
20	16QAM

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				19957	20175	20393		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.48	24.63	24.53	25.5	0
20	QPSK	1	49	24.31	24.43	24.53		
20	QPSK	1	99	24.45	24.41	24.17		
20	QPSK	50	0	23.31	23.60	23.48	24.5	1
20	QPSK	50	24	23.30	23.38	23.48		
20	QPSK	50	50	23.38	23.38	23.30		
20	QPSK	100	0	23.31	23.47	23.38		
20	16QAM	1	0	23.55	23.78	23.68	24.5	1
20	16QAM	1	49	23.73	23.74	23.70		
20	16QAM	1	99	23.46	23.76	22.95		
20	16QAM	50	0	22.25	22.33	22.55	23.5	2
20	16QAM	50	24	22.24	22.42	22.45		
20	16QAM	50	50	22.25	22.21	22.38		
20	16QAM	100	0	22.31	22.31	22.43		
20	64QAM	1	0	22.52	23.05	22.52	23.5	2
20	64QAM	1	49	22.47	22.61	22.59		
20	64QAM	1	99	22.61	22.11	22.36		
20	64QAM	50	0	21.11	21.45	21.43	22.5	3
20	64QAM	50	24	21.40	21.38	21.53		
20	64QAM	50	50	21.26	21.28	21.31		
20	64QAM	100	0	21.32	21.38	21.47		
20	256QAM	1	0	19.54	19.65	19.52	20.5	5
20	256QAM	1	49	19.36	19.54	19.40		
20	256QAM	1	99	19.57	19.72	19.71		
20	256QAM	50	0	19.33	19.50	19.37	20.5	5
20	256QAM	50	24	19.57	19.60	19.54		
20	256QAM	50	50	19.44	19.55	19.39		
20	256QAM	100	0	19.58	19.66	19.62		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.42	24.46	24.43	25.5	0
15	QPSK	1	37	24.18	24.39	24.41		
15	QPSK	1	74	24.40	24.35	24.19		
15	QPSK	36	0	23.23	23.51	23.30	24.5	1
15	QPSK	36	20	23.17	23.30	23.38		
15	QPSK	36	39	23.27	23.27	23.36		
15	QPSK	75	0	23.24	23.28	23.27		
15	16QAM	1	0	23.42	23.66	23.65	24.5	1
15	16QAM	1	37	23.63	23.69	23.61		
15	16QAM	1	74	23.37	23.64	22.88		
15	16QAM	36	0	22.15	22.29	22.42	23.5	2
15	16QAM	36	20	22.19	22.25	22.40		
15	16QAM	36	39	22.22	22.20	22.22		
15	16QAM	75	0	22.18	22.27	22.29		
15	64QAM	1	0	22.44	23.02	22.45	23.5	2
15	64QAM	1	37	22.22	22.50	22.46		
15	64QAM	1	74	22.50	22.01	22.22		
15	64QAM	36	0	21.00	21.26	21.35	22.5	3
15	64QAM	36	20	21.25	21.28	21.38		
15	64QAM	36	39	21.17	21.17	21.15		
15	64QAM	75	0	21.22	21.24	21.41		
15	256QAM	1	0	19.41	19.57	19.38	20.5	5
15	256QAM	1	37	19.31	19.46	19.24		
15	256QAM	1	74	19.42	19.55	19.54		
15	256QAM	36	0	19.26	19.38	19.28	20.5	5
15	256QAM	36	20	19.44	19.53	19.45		
15	256QAM	36	39	19.36	19.41	19.23		
15	256QAM	75	0	19.51	19.50	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.38	24.44	24.39	25.5	0
10	QPSK	1	25	24.29	24.30	24.38		
10	QPSK	1	49	24.34	24.39	24.11		
10	QPSK	25	0	23.18	23.51	23.34	24.5	1
10	QPSK	25	12	23.19	23.32	23.32		
10	QPSK	25	25	23.22	23.25	23.20		
10	QPSK	50	0	23.23	23.32	23.30		
10	16QAM	1	0	23.50	23.71	23.56	24.5	1
10	16QAM	1	25	23.64	23.70	23.66		
10	16QAM	1	49	23.34	23.65	22.85		
10	16QAM	25	0	22.13	22.28	22.43	23.5	2
10	16QAM	25	12	22.17	22.30	22.37		
10	16QAM	25	25	22.11	22.29	22.31		
10	16QAM	50	0	22.21	22.22	22.35		
10	64QAM	1	0	22.49	22.99	22.32	23.5	2
10	64QAM	1	25	22.22	22.47	22.45		
10	64QAM	1	49	22.51	22.07	22.18		
10	64QAM	25	0	21.03	21.32	21.41	22.5	3
10	64QAM	25	12	21.25	21.34	21.46		
10	64QAM	25	25	21.18	21.25	21.17		
10	64QAM	50	0	21.21	21.27	21.42		
10	256QAM	1	0	19.42	19.63	19.35	20.5	5
10	256QAM	1	25	19.22	19.48	19.31		
10	256QAM	1	49	19.49	19.60	19.60		
10	256QAM	25	0	19.20	19.42	19.34	20.5	5
10	256QAM	25	12	19.46	19.51	19.40		
10	256QAM	25	25	19.33	19.44	19.32		
10	256QAM	50	0	19.52	19.58	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.31	24.40	24.46	25.5	0
5	QPSK	1	12	24.26	24.46	24.41		
5	QPSK	1	24	24.35	24.26	24.06		
5	QPSK	12	0	23.17	23.40	23.29	24.5	1
5	QPSK	12	7	23.17	23.25	23.40		
5	QPSK	12	13	23.21	23.26	23.23		
5	QPSK	25	0	23.19	23.36	23.37		
5	16QAM	1	0	23.41	23.76	23.57	24.5	1
5	16QAM	1	12	23.61	23.63	23.68		
5	16QAM	1	24	23.26	23.57	22.86		
5	16QAM	12	0	22.07	22.30	22.45	23.5	2
5	16QAM	12	7	22.16	22.34	22.36		
5	16QAM	12	13	22.13	22.17	22.29		
5	16QAM	25	0	22.12	22.26	22.23		
5	64QAM	1	0	22.46	22.97	22.36	23.5	2
5	64QAM	1	12	22.31	22.41	22.49		
5	64QAM	1	24	22.47	21.98	22.15		
5	64QAM	12	0	20.93	21.30	21.31	22.5	3
5	64QAM	12	7	21.32	21.24	21.38		
5	64QAM	12	13	21.19	21.14	21.31		
5	64QAM	25	0	21.24	21.34	21.31		
5	256QAM	1	0	19.46	19.64	19.38	20.5	5
5	256QAM	1	12	19.30	19.43	19.28		
5	256QAM	1	24	19.42	19.56	19.67		
5	256QAM	12	0	19.26	19.40	19.30	20.5	5
5	256QAM	12	7	19.41	19.54	19.48		
5	256QAM	12	13	19.30	19.51	19.47		
5	256QAM	25	0	19.54	19.49	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.38	24.47	24.39	25.5	0
3	QPSK	1	8	24.24	24.33	24.42		
3	QPSK	1	14	24.33	24.25	24.13		
3	QPSK	8	0	23.23	23.54	23.26	24.5	1
3	QPSK	8	4	23.16	23.25	23.41		
3	QPSK	8	7	23.20	23.28	23.23		
3	QPSK	15	0	23.12	23.34	23.35		
3	16QAM	1	0	23.40	23.68	23.63	24.5	1
3	16QAM	1	8	23.71	23.67	23.59		
3	16QAM	1	14	23.39	23.70	22.82		
3	16QAM	8	0	22.09	22.17	22.40	23.5	2
3	16QAM	8	4	22.15	22.31	22.34		
3	16QAM	8	7	22.12	22.18	22.19		
3	16QAM	15	0	22.25	22.27	22.32		
3	64QAM	1	0	22.40	22.96	22.44	23.5	2
3	64QAM	1	8	22.27	22.52	22.49		
3	64QAM	1	14	22.56	21.97	22.21		
3	64QAM	8	0	20.99	21.39	21.38	22.5	3
3	64QAM	8	4	21.23	21.30	21.45		
3	64QAM	8	7	21.17	21.16	21.12		
3	64QAM	15	0	21.18	21.35	21.31		
3	256QAM	1	0	19.46	19.56	19.50	20.5	5
3	256QAM	1	8	19.27	19.53	19.27		
3	256QAM	1	14	19.49	19.57	19.63		
3	256QAM	8	0	19.24	19.41	19.29	20.5	5
3	256QAM	8	4	19.46	19.49	19.50		
3	256QAM	8	7	19.33	19.40	19.22		
3	256QAM	15	0	19.46	19.44	19.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.32	24.38	24.43	25.5	0
1.4	QPSK	1	3	24.21	24.37	24.38		
1.4	QPSK	1	5	24.44	24.29	24.12		
1.4	QPSK	3	0	24.30	24.38	24.35		
1.4	QPSK	3	1	24.13	24.29	24.28		
1.4	QPSK	3	3	24.19	24.26	24.04		
1.4	QPSK	6	0	23.14	23.26	23.33	24.5	1
1.4	16QAM	1	0	23.40	23.69	23.52	24.5	1
1.4	16QAM	1	3	23.70	23.62	23.55		
1.4	16QAM	1	5	23.27	23.68	22.83		
1.4	16QAM	3	0	23.28	23.53	23.49		
1.4	16QAM	3	1	23.47	23.60	23.43		
1.4	16QAM	3	3	23.21	23.61	22.62		
1.4	16QAM	6	0	22.27	22.20	22.33	23.5	2
1.4	64QAM	1	0	22.40	23.00	22.44	23.5	2
1.4	64QAM	1	3	22.23	22.48	22.54		
1.4	64QAM	1	5	22.49	22.03	22.17		
1.4	64QAM	3	0	22.19	22.84	22.29		
1.4	64QAM	3	1	22.16	22.39	22.51		
1.4	64QAM	3	3	22.40	21.88	22.03		
1.4	64QAM	6	0	21.16	21.25	21.40	22.5	3
1.4	256QAM	1	0	19.46	19.60	19.49	20.5	5
1.4	256QAM	1	3	19.30	19.49	19.25		
1.4	256QAM	1	5	19.45	19.62	19.63		
1.4	256QAM	3	0	19.31	19.44	19.28		
1.4	256QAM	3	1	19.46	19.47	19.43		
1.4	256QAM	3	3	19.36	19.42	19.35		
1.4	256QAM	6	0	19.50	19.52	19.45	20.5	5

Band 4_Ant 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				19957	20175	20393		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.08	20.21	20.16	21.5	0
20	QPSK	1	49	20.10	20.20	20.11		
20	QPSK	1	99	20.09	20.18	20.08		
20	QPSK	50	0	20.00	20.08	20.02	21.5	0
20	QPSK	50	24	19.91	20.11	19.95		
20	QPSK	50	50	20.05	20.17	20.07		
20	QPSK	100	0	19.96	20.11	20.06		
20	16QAM	1	0	20.07	20.12	20.10	21.5	0
20	16QAM	1	49	20.04	20.18	20.08		
20	16QAM	1	99	20.10	20.10	20.13		
20	16QAM	50	0	19.87	20.06	19.86	21.5	0
20	16QAM	50	24	19.99	20.14	20.08		
20	16QAM	50	50	20.09	20.18	20.04		
20	16QAM	100	0	19.99	20.10	19.92		
20	64QAM	1	0	19.93	20.11	20.03	21.5	0
20	64QAM	1	49	19.96	20.17	20.07		
20	64QAM	1	99	20.15	20.19	20.16		
20	64QAM	50	0	19.94	20.05	19.97	21.5	0
20	64QAM	50	24	20.02	20.10	19.93		
20	64QAM	50	50	20.08	20.20	20.15		
20	64QAM	100	0	19.88	20.08	19.99		
20	256QAM	1	0	18.98	19.20	19.08	20	1.5
20	256QAM	1	49	19.11	19.31	19.13		
20	256QAM	1	99	19.28	19.42	19.28		
20	256QAM	50	0	18.95	19.08	18.95	20	1.5
20	256QAM	50	24	19.07	19.22	19.02		
20	256QAM	50	50	19.10	19.21	19.12		
20	256QAM	100	0	19.07	19.14	18.98		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.01	20.14	20.1	21.5	0
15	QPSK	1	37	20.06	20.13	20.08		
15	QPSK	1	74	19.99	20.09	19.99		
15	QPSK	36	0	20.01	20.07	19.91	21.5	0
15	QPSK	36	20	19.76	20.07	19.91		
15	QPSK	36	39	20.02	20.12	19.97		
15	QPSK	75	0	19.96	20.01	20.01		
15	16QAM	1	0	20.02	20.01	20.06	21.5	0
15	16QAM	1	37	20.01	20.12	19.98		
15	16QAM	1	74	20.01	20.06	20.08		
15	16QAM	36	0	19.79	19.98	19.82	21.5	0
15	16QAM	36	20	19.92	20.07	20.04		
15	16QAM	36	39	20.03	20.1	19.92		
15	16QAM	75	0	19.91	20.04	19.83		
15	64QAM	1	0	19.88	20	19.94	21.5	0
15	64QAM	1	37	19.91	20.12	19.96		
15	64QAM	1	74	20.1	20.13	20.04		
15	64QAM	36	0	19.84	20	19.94	21.5	0
15	64QAM	36	20	19.91	20.09	19.86		
15	64QAM	36	39	19.97	20.07	20.05		
15	64QAM	75	0	19.8	20.01	19.92		
15	256QAM	1	0	18.96	19.07	19.04	20	1.5
15	256QAM	1	37	19.02	19.20	19.02		
15	256QAM	1	74	19.20	19.39	19.18		
15	256QAM	36	0	18.91	19.01	18.92	20	1.5
15	256QAM	36	20	18.99	19.16	18.93		
15	256QAM	36	39	19.02	19.08	19.08		
15	256QAM	75	0	18.87	19.01	18.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.03	20.18	20.10	21.5	0
10	QPSK	1	25	19.98	20.17	20.01		
10	QPSK	1	49	19.98	20.05	20.02		
10	QPSK	25	0	20.00	20.09	19.95	21.5	0
10	QPSK	25	12	19.97	20.07	19.93		
10	QPSK	25	25	20.03	20.12	20.01		
10	QPSK	50	0	19.87	19.99	20.00		
10	16QAM	1	0	20.00	20.04	20.05	21.5	0
10	16QAM	1	25	19.95	20.12	19.95		
10	16QAM	1	49	20.01	19.99	20.05		
10	16QAM	25	0	19.75	20.04	19.81	21.5	0
10	16QAM	25	12	19.91	20.05	19.92		
10	16QAM	25	25	20.01	20.15	19.97		
10	16QAM	50	0	19.91	19.99	19.80		
10	64QAM	1	0	19.83	20.01	19.91	21.5	0
10	64QAM	1	25	19.90	20.14	19.96		
10	64QAM	1	49	20.12	20.12	20.08		
10	64QAM	25	0	19.81	19.93	19.86	21.5	0
10	64QAM	25	12	19.91	20.06	19.83		
10	64QAM	25	25	20.05	20.11	20.10		
10	64QAM	50	0	19.81	19.92	19.82		
10	256QAM	1	0	18.96	19.12	18.98	20	1.5
10	256QAM	1	25	19.00	19.20	19.02		
10	256QAM	1	49	19.16	19.34	19.23		
10	256QAM	25	0	18.83	18.95	18.85	20	1.5
10	256QAM	25	12	18.87	19.09	18.93		
10	256QAM	25	25	19.01	19.11	19.01		
10	256QAM	50	0	19.01	19.07	18.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.07	20.17	20.12	21.5	0
5	QPSK	1	12	20.07	20.13	20.02		
5	QPSK	1	24	20.01	20.07	19.98		
5	QPSK	12	0	19.81	20.06	19.96	21.5	0
5	QPSK	12	7	19.84	20.09	19.90		
5	QPSK	12	13	19.98	20.13	20.03		
5	QPSK	25	0	19.95	20.00	19.94		
5	16QAM	1	0	20.01	20.03	20.08	21.5	0
5	16QAM	1	12	19.93	20.06	20.05		
5	16QAM	1	24	20.07	20.08	20.10		
5	16QAM	12	0	19.81	20.03	19.80	21.5	0
5	16QAM	12	7	19.89	20.07	20.06		
5	16QAM	12	13	19.98	20.15	19.99		
5	16QAM	25	0	19.84	20.07	19.94		
5	64QAM	1	0	19.84	20.00	19.97	21.5	0
5	64QAM	1	12	19.87	20.06	19.99		
5	64QAM	1	24	20.01	20.07	20.07		
5	64QAM	12	0	19.92	19.93	19.84	21.5	0
5	64QAM	12	7	19.99	19.99	19.90		
5	64QAM	12	13	20.07	20.13	20.03		
5	64QAM	25	0	19.83	20.05	19.88		
5	256QAM	1	0	18.85	19.12	18.97	20	1.5
5	256QAM	1	12	19.02	19.23	19.08		
5	256QAM	1	24	19.12	19.29	19.12		
5	256QAM	12	0	18.86	19.01	18.91	20	1.5
5	256QAM	12	7	18.84	19.09	18.90		
5	256QAM	12	13	19.00	19.09	18.99		
5	256QAM	25	0	18.95	19.12	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.03	20.19	20.11	21.5	0
3	QPSK	1	8	20.00	20.12	19.98		
3	QPSK	1	14	20.04	20.10	20.03		
3	QPSK	8	0	19.98	20.10	20.00	21.5	0
3	QPSK	8	4	19.85	20.01	19.88		
3	QPSK	8	7	19.96	20.13	19.95		
3	QPSK	15	0	19.93	20.05	19.93		
3	16QAM	1	0	20.00	20.03	20.06	21.5	0
3	16QAM	1	8	19.92	20.11	20.02		
3	16QAM	1	14	19.99	20.02	20.02		
3	16QAM	8	0	19.83	20.03	19.84	21.5	0
3	16QAM	8	4	19.93	20.07	19.95		
3	16QAM	8	7	19.98	20.14	19.96		
3	16QAM	15	0	19.86	20.07	19.85		
3	64QAM	1	0	19.83	19.99	20.00	21.5	0
3	64QAM	1	8	19.86	20.09	19.93		
3	64QAM	1	14	20.13	20.14	20.14		
3	64QAM	8	0	19.84	19.97	19.89	21.5	0
3	64QAM	8	4	19.95	20.02	19.84		
3	64QAM	8	7	20.03	20.15	20.04		
3	64QAM	15	0	19.86	19.99	19.89		
3	256QAM	1	0	18.94	19.07	19.01	20	1.5
3	256QAM	1	8	19.04	19.21	19.09		
3	256QAM	1	14	19.15	19.34	19.19		
3	256QAM	8	0	18.82	18.95	18.84	20	1.5
3	256QAM	8	4	18.95	19.08	18.95		
3	256QAM	8	7	19.02	19.19	19.06		
3	256QAM	15	0	18.96	19.03	18.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.00	20.19	20.09	21.5	0
1.4	QPSK	1	3	20.08	20.08	20.06		
1.4	QPSK	1	5	19.97	20.16	19.98		
1.4	QPSK	3	0	19.98	20.15	20.00		
1.4	QPSK	3	1	19.85	20.07	19.85		
1.4	QPSK	3	3	19.98	20.04	20.01		
1.4	QPSK	6	0	19.96	20.08	19.96	21.5	0
1.4	16QAM	1	0	20.03	20.09	20.02	21.5	0
1.4	16QAM	1	3	20.00	20.10	20.05		
1.4	16QAM	1	5	20.01	20.08	20.05		
1.4	16QAM	3	0	19.86	20.01	19.77		
1.4	16QAM	3	1	19.96	20.04	20.05		
1.4	16QAM	3	3	20.07	20.13	19.94		
1.4	16QAM	6	0	19.87	20.00	19.79	21.5	0
1.4	64QAM	1	0	19.81	20.03	19.98	21.5	0
1.4	64QAM	1	3	19.92	20.15	19.99		
1.4	64QAM	1	5	20.07	20.15	20.14		
1.4	64QAM	3	0	19.86	20.00	19.87		
1.4	64QAM	3	1	20.00	20.06	19.88		
1.4	64QAM	3	3	20.01	20.14	20.04		
1.4	64QAM	6	0	19.81	20.06	19.89	21.5	0
1.4	256QAM	1	0	18.89	19.13	19.06	20	1.5
1.4	256QAM	1	3	19.06	19.18	19.02		
1.4	256QAM	1	5	19.24	19.38	19.21		
1.4	256QAM	3	0	18.86	18.99	18.94		
1.4	256QAM	3	1	18.91	19.08	18.92		
1.4	256QAM	3	3	19.03	19.19	19.06		
1.4	256QAM	6	0	19.00	19.06	18.85	20	1.5

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34	25.5	0
10	QPSK	1	25	24.18	24.28	24.23		
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25	24.5	1
10	QPSK	25	12	23.27	23.20	23.31		
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49

Band 7_Ant 0

BW [MHz]	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	21.59	21.97	21.77		
20	QPSK	1	49	21.54	21.75	21.79	23	0
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80		
20	QPSK	50	24	20.61	20.80	20.79	22	1
20	QPSK	50	50	20.65	20.76	20.76		
20	QPSK	100	0	20.53	20.78	20.67		
20	16QAM	1	0	20.75	20.23	20.76		
20	16QAM	1	49	21.00	20.73	20.85	22	1
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72		
20	16QAM	50	24	19.54	19.80	19.78	21	2
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.28	19.93	20.25		
20	64QAM	1	49	19.90	19.77	19.98	21	2
20	64QAM	1	99	20.04	19.94	20.06		
20	64QAM	50	0	18.55	18.67	18.70		
20	64QAM	50	24	18.60	18.81	18.79	20	3
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76		
20	256QAM	1	49	16.85	16.83	16.64	18	5
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.80		
20	256QAM	50	24	16.58	16.73	16.63	18	5
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.76	16.65		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.29	21.74	21.57		
15	QPSK	1	37	21.42	21.77	21.78	23	0
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.36	20.70	20.66		
15	QPSK	36	20	20.55	20.75	20.81	22	1
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32		
15	16QAM	1	37	20.46	21.00	20.55	22	1
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65		
15	16QAM	36	20	19.56	19.72	19.74	21	2
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88		
15	64QAM	1	37	19.65	19.78	20.11	21	2
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70		
15	64QAM	36	20	18.54	18.88	18.81	20	3
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57		
15	256QAM	1	37	16.55	16.73	16.56	18	5
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52		
15	256QAM	36	20	16.51	16.66	16.59	18	5
15	256QAM	36	39	16.64	16.63	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72		
10	QPSK	1	25	21.56	21.76	21.71	23	0
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87		
10	QPSK	25	12	20.64	20.84	20.83	22	1
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98		
10	16QAM	1	25	20.94	21.16	21.38	22	1
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83		
10	16QAM	25	12	19.64	19.92	19.88	21	2
10	16QAM	25	25	19.69	19.93	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44		
10	64QAM	1	25	19.55	19.99	20.22	21	2
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86		
10	64QAM	25	12	18.87	18.89	18.78	20	3
10	64QAM	25	25	18.89	18.97	18.86		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66		
10	256QAM	1	25	16.50	16.73	16.51	18	5
10	256QAM	1	49	16.74	16.86	16.70		
10	256QAM	25	0	16.55	16.67	16.50		
10	256QAM	25	12	16.42	16.60	16.62	18	5
10	256QAM	25	25	16.66	16.73	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.43	21.74	21.75		
5	QPSK	1	12	21.55	21.79	21.72	23	0
5	QPSK	1	24	21.56	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75		
5	QPSK	12	7	20.52	20.97	20.80	22	1
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80		
5	16QAM	1	12	20.87	21.54	21.49	22	1
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.77	19.83		
5	16QAM	12	7	19.62	20.08	19.85	21	2
5	16QAM	12	13	19.64	19.98	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36		
5	64QAM	1	12	19.49	19.88	19.80	21	2
5	64QAM	1	24	19.99	20.31	20.03		
5	64QAM	12	0	18.46	18.69	18.88		
5	64QAM	12	7	18.46	18.98	18.97	20	3
5	64QAM	12	13	18.74	18.92	19.02		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.74	16.81	16.65		
5	256QAM	1	12	16.60	16.65	16.54	18	5
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52		
5	256QAM	12	7	16.41	16.62	16.47	18	5
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	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	15.72	15.89	15.65		
20	QPSK	1	49	15.71	15.88	15.85	17	0
20	QPSK	1	99	15.7	15.87	15.72		
20	QPSK	50	0	15.82	15.85	15.74		
20	QPSK	50	24	15.8	15.81	15.81	17	0
20	QPSK	50	50	15.78	15.83	15.75		
20	QPSK	100	0	15.81	15.83	15.8		
20	16QAM	1	0	15.65	15.84	15.52		
20	16QAM	1	49	15.64	15.77	15.61	17	0
20	16QAM	1	99	15.59	15.78	15.56		
20	16QAM	50	0	15.61	15.81	15.57		
20	16QAM	50	24	15.67	15.83	15.6	17	0
20	16QAM	50	50	15.61	15.76	15.55		
20	16QAM	100	0	15.65	15.8	15.62		
20	64QAM	1	0	15.68	15.8	15.57		
20	64QAM	1	49	15.62	15.86	15.58	17	0
20	64QAM	1	99	15.64	15.78	15.52		
20	64QAM	50	0	15.64	15.86	15.54		
20	64QAM	50	24	15.59	15.77	15.59	17	0
20	64QAM	50	50	15.64	15.86	15.56		
20	64QAM	100	0	15.69	15.76	15.59		
20	256QAM	1	0	15.66	15.76	15.57		
20	256QAM	1	49	15.67	15.79	15.62	17	0
20	256QAM	1	99	15.60	15.77	15.55		
20	256QAM	50	0	15.59	15.80	15.52		
20	256QAM	50	24	15.62	15.82	15.60	17	0
20	256QAM	50	50	15.61	15.82	15.58		
20	256QAM	100	0	15.69	15.86	15.57		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.68	15.83	15.62		
15	QPSK	1	37	15.65	15.83	15.78	17	0
15	QPSK	1	74	15.65	15.79	15.59		
15	QPSK	36	0	15.72	15.78	15.63		
15	QPSK	36	20	15.67	15.72	15.76	17	0
15	QPSK	36	39	15.72	15.81	15.62		
15	QPSK	75	0	15.77	15.75	15.73		
15	16QAM	1	0	15.56	15.81	15.49		
15	16QAM	1	37	15.6	15.68	15.49	17	0
15	16QAM	1	74	15.57	15.67	15.54		
15	16QAM	36	0	15.49	15.71	15.55		
15	16QAM	36	20	15.54	15.7	15.49	17	0
15	16QAM	36	39	15.59	15.74	15.42		
15	16QAM	75	0	15.53	15.68	15.58		
15	64QAM	1	0	15.63	15.78	15.51		
15	64QAM	1	37	15.55	15.84	15.58	17	0
15	64QAM	1	74	15.61	15.76	15.45		
15	64QAM	36	0	15.6	15.74	15.41		
15	64QAM	36	20	15.47	15.72	15.56	17	0
15	64QAM	36	39	15.57	15.73	15.54		
15	64QAM	75	0	15.6	15.71	15.47		
15	256QAM	1	0	15.53	15.65	15.47		
15	256QAM	1	37	15.64	15.75	15.59	17	0
15	256QAM	1	74	15.57	15.66	15.50		
15	256QAM	36	0	15.56	15.78	15.47		
15	256QAM	36	20	15.50	15.76	15.55	17	0
15	256QAM	36	39	15.52	15.76	15.45		
15	256QAM	75	0	15.56	15.76	15.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.66	15.81	15.59		
10	QPSK	1	25	15.69	15.84	15.63	17	0
10	QPSK	1	49	15.58	15.79	15.67		
10	QPSK	25	0	15.71	15.72	15.61		
10	QPSK	25	12	15.71	15.71	15.71	17	0
10	QPSK	25	25	15.68	15.7	15.73		
10	QPSK	50	0	15.68	15.75	15.7		
10	16QAM	1	0	15.55	15.72	15.41		
10	16QAM	1	25	15.52	15.68	15.49	17	0
10	16QAM	1	49	15.56	15.74	15.47		
10	16QAM	25	0	15.54	15.69	15.48		
10	16QAM	25	12	15.64	15.78	15.55	17	0
10	16QAM	25	25	15.52	15.67	15.49		
10	16QAM	50	0	15.52	15.76	15.5		
10	64QAM	1	0	15.6	15.68	15.44		
10	64QAM	1	25	15.49	15.82	15.55	17	0
10	64QAM	1	49	15.51	15.65	15.42		
10	64QAM	25	0	15.57	15.81	15.44		
10	64QAM	25	12	15.46	15.71	15.54	17	0
10	64QAM	25	25	15.56	15.79	15.48		
10	64QAM	50	0	15.57	15.74	15.54		
10	256QAM	1	0	15.53	15.71	15.51		
10	256QAM	1	25	15.61	15.68	15.54	17	0
10	256QAM	1	49	15.56	15.68	15.42		
10	256QAM	25	0	15.47	15.70	15.45		
10	256QAM	25	12	15.54	15.79	15.54	17	0
10	256QAM	25	25	15.52	15.70	15.47		
10	256QAM	50	0	15.55	15.75	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.68	15.85	15.58		
5	QPSK	1	12	15.64	15.82	15.8	17	0
5	QPSK	1	24	15.62	15.79	15.67		
5	QPSK	12	0	15.69	15.8	15.71		
5	QPSK	12	7	15.76	15.76	15.72	17	0
5	QPSK	12	13	15.67	15.74	15.71		
5	QPSK	25	0	15.69	15.74	15.78		
5	16QAM	1	0	15.62	15.78	15.46		
5	16QAM	1	12	15.57	15.69	15.57	17	0
5	16QAM	1	24	15.5	15.69	15.54		
5	16QAM	12	0	15.55	15.69	15.55		
5	16QAM	12	7	15.8	15.71	15.5	17	0
5	16QAM	12	13	15.56	15.65	15.49		
5	16QAM	25	0	15.61	15.67	15.52		
5	64QAM	1	0	15.61	15.67	15.48		
5	64QAM	1	12	15.55	15.77	15.45	17	0
5	64QAM	1	24	15.6	15.74	15.5		
5	64QAM	12	0	15.57	15.8	15.43		
5	64QAM	12	7	15.49	15.74	15.57	17	0
5	64QAM	12	13	15.55	15.84	15.43		
5	64QAM	25	0	15.6	15.68	15.48		
5	256QAM	1	0	15.55	15.71	15.46		
5	256QAM	1	12	15.54	15.74	15.55	17	0
5	256QAM	1	24	15.55	15.71	15.46		
5	256QAM	12	0	15.56	15.71	15.39		
5	256QAM	12	7	15.56	15.80	15.55	17	0
5	256QAM	12	13	15.49	15.78	15.55		
5	256QAM	25	0	15.58	15.84	15.45		

Band 7_Ant 2

BW [MHz]	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	24.60	24.73	24.68		
20	QPSK	1	49	24.56	24.37	24.50	25.5	0
20	QPSK	1	99	24.56	24.34	24.56		
20	QPSK	50	0	23.26	23.51	23.29		
20	QPSK	50	24	23.21	23.41	23.28	24.5	1
20	QPSK	50	50	23.12	23.45	23.31		
20	QPSK	100	0	23.21	23.44	23.35		
20	16QAM	1	0	23.46	23.66	23.39		
20	16QAM	1	49	23.41	23.69	23.37	24.5	1
20	16QAM	1	99	23.44	23.58	23.29		
20	16QAM	50	0	22.18	22.22	22.32		
20	16QAM	50	24	22.15	22.35	22.26	23.5	2
20	16QAM	50	50	22.28	22.40	22.39		
20	16QAM	100	0	22.22	22.31	22.28		
20	64QAM	1	0	21.92	22.26	22.01		
20	64QAM	1	49	22.25	22.30	22.21	23.5	2
20	64QAM	1	99	22.29	22.35	22.02		
20	64QAM	50	0	21.45	21.79	21.74		
20	64QAM	50	24	21.64	21.56	21.53	22.5	3
20	64QAM	50	50	21.75	21.73	21.63		
20	64QAM	100	0	21.55	21.62	21.79		
20	256QAM	1	0	19.53	19.66	19.47		
20	256QAM	1	49	19.70	19.89	19.72	20.5	5
20	256QAM	1	99	19.51	19.58	19.56		
20	256QAM	50	0	19.34	19.54	19.42		
20	256QAM	50	24	19.50	19.63	19.50	20.5	5
20	256QAM	50	50	19.62	19.68	19.49		
20	256QAM	100	0	19.50	19.52	19.46		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.70	24.40		
15	QPSK	1	37	24.21	24.47	24.43	25.5	0
15	QPSK	1	74	24.29	24.41	24.31		
15	QPSK	36	0	23.28	23.54	23.34		
15	QPSK	36	20	23.27	23.49	23.35	24.5	1
15	QPSK	36	39	23.21	23.52	23.38		
15	QPSK	75	0	23.23	23.47	23.39		
15	16QAM	1	0	23.51	23.72	23.45		
15	16QAM	1	37	23.48	23.79	23.46	24.5	1
15	16QAM	1	74	23.49	23.64	23.35		
15	16QAM	36	0	22.27	22.30	22.42		
15	16QAM	36	20	22.25	22.45	22.34	23.5	2
15	16QAM	36	39	22.36	22.46	22.46		
15	16QAM	75	0	22.31	22.40	22.35		
15	64QAM	1	0	22.00	22.31	22.07		
15	64QAM	1	37	22.30	22.36	22.27	23.5	2
15	64QAM	1	74	22.34	22.45	22.09		
15	64QAM	36	0	21.55	21.88	21.79		
15	64QAM	36	20	21.70	21.64	21.62	22.5	3
15	64QAM	36	39	21.82	21.82	21.71		
15	64QAM	75	0	21.64	21.67	21.84		
15	256QAM	1	0	19.59	19.76	19.54		
15	256QAM	1	37	19.79	19.95	19.80	20.5	5
15	256QAM	1	74	19.59	19.62	19.61		
15	256QAM	36	0	19.44	19.59	19.50		
15	256QAM	36	20	19.56	19.68	19.57	20.5	5
15	256QAM	36	39	19.71	19.74	19.59		
15	256QAM	75	0	19.55	19.57	19.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.23	24.67	24.42		
10	QPSK	1	25	24.25	24.44	24.43	25.5	0
10	QPSK	1	49	24.25	24.44	24.36		
10	QPSK	25	0	23.27	23.53	23.33		
10	QPSK	25	12	23.26	23.46	23.35	24.5	1
10	QPSK	25	25	23.21	23.54	23.36		
10	QPSK	50	0	23.24	23.49	23.37		
10	16QAM	1	0	23.54	23.73	23.48		
10	16QAM	1	25	23.51	23.79	23.43	24.5	1
10	16QAM	1	49	23.54	23.65	23.38		
10	16QAM	25	0	22.24	22.27	22.37		
10	16QAM	25	12	22.22	22.43	22.39	23.5	2
10	16QAM	25	25	22.35	22.47	22.49		
10	16QAM	50	0	22.27	22.40	22.36		
10	64QAM	1	0	21.97	22.32	22.10		
10	64QAM	1	25	22.30	22.35	22.30	23.5	2
10	64QAM	1	49	22.34	22.41	22.11		
10	64QAM	25	0	21.51	21.84	21.84		
10	64QAM	25	12	21.71	21.65	21.59	22.5	3
10	64QAM	25	25	21.81	21.82	21.71		
10	64QAM	50	0	21.60	21.70	21.64		
10	256QAM	1	0	19.63	19.73	19.57		
10	256QAM	1	25	19.80	19.94	19.80	20.5	5
10	256QAM	1	49	19.58	19.65	19.65		
10	256QAM	25	0	19.43	19.63	19.50		
10	256QAM	25	12	19.56	19.68	19.60	20.5	5
10	256QAM	25	25	19.66	19.78	19.55		
10	256QAM	50	0	19.58	19.62	19.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.22	24.68	24.43		
5	QPSK	1	12	24.20	24.45	24.41	25.5	0
5	QPSK	1	24	24.26	24.44	24.36		
5	QPSK	12	0	23.30	23.53	23.32		
5	QPSK	12	7	23.31	23.49	23.36	24.5	1
5	QPSK	12	13	23.20	23.50	23.39		
5	QPSK	25	0	23.22	23.47	23.36		
5	16QAM	1	0	23.60	23.70	23.44		
5	16QAM	1	12	23.48	23.78	23.46	24.5	1
5	16QAM	1	24	23.51	23.63	23.38		
5	16QAM	12	0	22.23	22.32	22.39		
5	16QAM	12	7	22.23	22.41	22.31	23.5	2
5	16QAM	12	13	22.34	22.48	22.46		
5	16QAM	25	0	22.30	22.38	22.33		
5	64QAM	1	0	21.97	22.34	22.06		
5	64QAM	1	12	22.32	22.37	22.27	23.5	2
5	64QAM	1	24	22.36	22.43	22.11		
5	64QAM	12	0	21.54	21.89	21.79		
5	64QAM	12	7	21.73	21.64	21.60	22.5	3
5	64QAM	12	13	21.80	21.80	21.69		
5	64QAM	25	0	21.61	21.67	21.85		
5	256QAM	1	0	19.59	19.72	19.53		
5	256QAM	1	12	19.79	19.98	19.82	20.5	5
5	256QAM	1	24	19.59	19.65	19.62		
5	256QAM	12	0	19.41	19.64	19.47		
5	256QAM	12	7	19.58	19.70	19.59	20.5	5
5	256QAM	12	13	19.69	19.77	19.59		
5	256QAM	25	0	19.55	19.60	19.54		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.21	20.27	20.21		
20	QPSK	1	49	20.03	20.17	20.07	21.2	0
20	QPSK	1	99	20.00	20.13	20.04		
20	QPSK	50	0	19.87	20.00	19.90		
20	QPSK	50	24	19.77	19.94	19.86	21.2	0
20	QPSK	50	50	19.77	19.93	19.89		
20	QPSK	100	0	20.00	20.05	19.95		
20	16QAM	1	0	20.22	20.25	20.20		
20	16QAM	1	49	20.06	20.12	19.98	21.2	0
20	16QAM	1	99	19.99	20.15	20.07		
20	16QAM	50	0	19.92	20.04	19.88		
20	16QAM	50	24	19.87	19.97	19.91	21.2	0
20	16QAM	50	50	19.76	19.92	19.79		
20	16QAM	100

Band 12_Ant 0

BW [MHz]	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	24.88	24.98	24.87	25.5	0
10	QPSK	1	25	24.92	24.86	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.94	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.94	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.00	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	1	25	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.85	24.75		
5	QPSK	12	0	23.75	23.80	23.71	24.5	1
5	QPSK	12	7	23.80	23.86	23.80		
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.94	21.83	21.72	22.5	3
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	1	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23023	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.88	24.74		
3	QPSK	8	0	23.68	23.81	23.76	24.5	1
3	QPSK	8	4	23.82	23.84	23.82		
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10	24.5	1
3	16QAM	1	8	24.01	24.04	24.03		
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91	23.5	2
3	16QAM	8	4	22.94	22.82	22.88		
3	16QAM	8	7	22.87	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89	23.5	2
3	64QAM	1	8	22.89	23.03	23.38		
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84	22.5	3
3	64QAM	8	4	21.93	21.91	21.71		
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88	20.5	5
3	256QAM	1	8	20.22	20.36	20.10		
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10	20.5	5
3	256QAM	8	4	19.91	20.04	20.01		
3	256QAM	8	7	20.08	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.62	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03	24.5	1
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42		
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88	23.5	2
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.85		
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.83	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93	20.5	5
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12		
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	23.47	23.62	23.37	25	0
10	QPSK	1	25	23.43	23.56	23.36		
10	QPSK	1	49	23.43	23.54	23.37		
10	QPSK	25	0	22.83	23.18	22.74	24.5	0.5
10	QPSK	25	12	22.83	22.98	22.67		
10	QPSK	25	25	22.91	23.02	22.76		
10	QPSK	50	0	22.90	22.95	22.72		
10	16QAM	1	0	22.77	22.80	22.62		
10	16QAM	1	25	22.81	22.81	22.57	24.5	0.5
10	16QAM	1	49	22.78	22.85	22.65		
10	16QAM	25	0	21.92	22.00	21.85		
10	16QAM	25	12	22.13	21.98	21.83	23.5	1.5
10	16QAM	25	25	22.09	22.05	22.03		
10	16QAM	50	0	22.08	21.84	22.03		
10	64QAM	1	0	22.02	22.03	21.77		
10	64QAM	1	25	22.26	22.26	22.10	23.5	1.5
10	64QAM	1	49	22.14	22.18	22.47		
10	64QAM	25	0	20.93	20.97	20.96		
10	64QAM	25	12	21.06	21.00	20.97	22.5	2.5
10	64QAM	25	25	21.08	21.00	21.04		
10	64QAM	50	0	21.05	20.73	21.07		
10	256QAM	1	0	19.46	19.57	19.41		
10	256QAM	1	25	19.72	19.78	19.71	20.5	4.5
10	256QAM	1	49	19.54	19.64	19.53		
10	256QAM	25	0	19.38	19.44	19.33		
10	256QAM	25	12	19.40	19.47	19.40	20.5	4.5
10	256QAM	25	25	19.34	19.46	19.41		
10	256QAM	50	0	19.28	19.43	19.28		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.37	23.55	23.26	25	0
5	QPSK	1	12	23.34	23.48	23.31		
5	QPSK	1	24	23.37	23.50	23.23		
5	QPSK	12	0	22.72	22.82	22.66	24.5	0.5
5	QPSK	12	7	22.77	22.87	22.60		
5	QPSK	12	13	22.81	22.97	22.68		
5	QPSK	25	0	22.84	22.87	22.67		
5	16QAM	1	0	22.67	22.68	22.57		
5	16QAM	1	12	22.68	22.74	22.59	24.5	0.5
5	16QAM	1	24	22.83	22.80	22.53		
5	16QAM	12	0	21.80	21.88	21.70		
5	16QAM	12	7	22.03	21.86	21.72	23.5	1.5
5	16QAM	12	13	22.04	21.90	21.91		
5	16QAM	25	0	21.99	21.79	21.95		
5	64QAM	1	0	21.87	21.94	21.68		
5	64QAM	1	12	22.18	22.12	22.04	23.5	1.5
5	64QAM	1	24	22.09	22.11	22.41		
5	64QAM	12	0	20.82	20.85	20.83		
5	64QAM	12	7	20.95	20.90	20.88	22.5	2.5
5	64QAM	12	13	20.99	20.87	20.98		
5	64QAM	25	0	20.92	20.64	20.99		
5	256QAM	1	0	19.40	19.39	19.26		
5	256QAM	1	12	19.57	19.69	19.60	20.5	4.5
5	256QAM	1	24	19.44	19.48	19.43		
5	256QAM	12	0	19.22	19.34	19.26		
5	256QAM	12	7	19.25	19.34	19.32	20.5	4.5
5	256QAM	12	13	19.24	19.31	19.25		
5	256QAM	25	0	19.16	19.36	19.18		
Channel				-0.05	-0.05	-0.07	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.40	23.48	23.28	25	0
3	QPSK	1	8	23.29	23.42	23.22		
3	QPSK	1	14	23.31	23.55	23.29		
3	QPSK	8	0	22.78	22.82	22.60	24.5	0.5
3	QPSK	8	4	22.68	22.92	22.55		
3	QPSK	8	7	22.85	22.91	22.69		
3	QPSK	15	0	22.82	22.82	22.59		
3	16QAM	1	0	22.72	22.70	22.55	24.5	0.5
3	16QAM	1	8	22.78	22.72	22.51		
3	16QAM	1	14	22.71	22.73	22.57		
3	16QAM	8	0	21.77	21.92	21.75	23.5	1.5
3	16QAM	8	4	22.00	21.89	21.69		
3	16QAM	8	7	22.00	21.94	21.89		
3	16QAM	15	0	22.03	21.89	21.93		
3	64QAM	1	0	21.89	21.92	21.64	23.5	1.5
3	64QAM	1	8	22.11	22.16	22.04		
3	64QAM	1	14	22.00	22.07	22.38		
3	64QAM	8	0	20.84	20.91	20.90	22.5	2.5
3	64QAM	8	4	20.91	20.85	20.86		
3	64QAM	8	7	20.94	20.92	20.94		
3	64QAM	15	0	20.90	20.80	20.99		
3	256QAM	1	0	19.33	19.42	19.31	20.5	4.5
3	256QAM	1	8	19.61	19.62	19.58		
3	256QAM	1	14	19.43	19.51	19.41		
3	256QAM	8	0	19.29	19.29	19.20	20.5	4.5
3	256QAM	8	4	19.27	19.34	19.24		
3	256QAM	8	7	19.26	19.37	19.31		
3	256QAM	15	0	19.15	19.28	19.22		
Channel				-0.14	-0.06	-0.1	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.36	23.51	23.25	25	0
1.4	QPSK	1	3	23.35	23.46	23.29		
1.4	QPSK	1	5	23.33	23.52	23.22		
1.4	QPSK	3	0	23.31	23.39	23.11		
1.4	QPSK	3	1	23.20	23.32	23.18		
1.4	QPSK	3	3	23.18	23.45	23.16		
1.4	QPSK	6	0	22.76	22.85	22.67	24.5	0.5
1.4	16QAM	1	0	22.71	22.69	22.55	24.5	0.5
1.4	16QAM	1	3	22.73	22.67	22.65		
1.4	16QAM	1	5	22.68	22.80	22.51		
1.4	16QAM	3	0	22.56	22.64	22.50		
1.4	16QAM	3	1	22.68	22.58	22.53		
1.4	16QAM	3	3	22.55	22.75	22.68		
1.4	16QAM	6	0	21.94	21.71	21.91	23.5	1.5
1.4	64QAM	1	0	21.91	21.89	21.70	23.5	1.5
1.4	64QAM	1	3	22.21	22.18	21.97		
1.4	64QAM	1	5	22.03	22.10	22.36		
1.4	64QAM	3	0	21.78	21.83	21.56		
1.4	64QAM	3	1	22.09	22.05	21.91		
1.4	64QAM	3	3	21.97	22.05	22.27		
1.4	64QAM	6	0	21.00	20.59	21.00	22.5	2.5
1.4	256QAM	1	0	19.32	19.43	19.29	20.5	4.5
1.4	256QAM	1	3	19.60	19.67	19.63		
1.4	256QAM	1	5	19.48	19.54	19.40		
1.4	256QAM	3	0	19.22	19.31	19.17		
1.4	256QAM	3	1	19.24	19.32	19.26		
1.4	256QAM	3	3	19.26	19.38	19.24		
1.4	256QAM	6	0	19.11	19.32	19.12	20.5	4.5

Band 13_Ant 0

BW [MHz]	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		25.03		25.5	0
10	QPSK	1	25		25.00			
10	QPSK	1	49		25.02			
10	QPSK	25	0		24.02		24.5	1
10	QPSK	25	12		23.98			
10	QPSK	25	25		23.99			
10	QPSK	50	0		23.98			
10	16QAM	1	0		24.42			
10	16QAM	1	25		24.50		24.5	1
10	16QAM	1	49		24.29			
10	16QAM	25	0		22.89			
10	16QAM	25	12		23.01		23.5	2
10	16QAM	25	25		23.07			
10	16QAM	50	0		22.96			
10	64QAM	1	0		22.80			
10	64QAM	1	25		23.12		23.5	2
10	64QAM	1	49		23.08			
10	64QAM	25	0		21.87			
10	64QAM	25	12		21.93		22.5	3
10	64QAM	25	25		22.07			
10	64QAM	50	0		21.94			
10	256QAM	1	0		20.39			
10	256QAM	1	25		19.90		20.5	5
10	256QAM	1	49		20.22			
10	256QAM	25	0		19.93			
10	256QAM	25	12		20.31		20.5	5
10	256QAM	25	25		20.30			
10	256QAM	50	0		20.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.91	24.89	24.89	25.5	0
5	QPSK	1	12	24.88	24.85	24.91		
5	QPSK	1	24	24.88	24.93	24.89		
5	QPSK	12	0	23.92	23.94	23.88	24.5	1
5	QPSK	12	7	23.86	23.86	23.86		
5	QPSK	12	13	23.80	23.90	23.81		
5	QPSK	25	0	23.89	23.84	23.85		
5	16QAM	1	0	24.29	24.23	24.32		
5	16QAM	1	12	24.36	24.31	24.37	24.5	1
5	16QAM	1	24	24.19	24.20	24.21		
5	16QAM	12	0	22.72	22.79	22.81	23.5	2
5	16QAM	12	7	22.90	22.92	22.83		
5	16QAM	12	13	22.94	22.90	22.99		
5	16QAM	25	0	22.88	22.83	22.88		
5	64QAM	1	0	23.02	23.06	23.09	23.5	2
5	64QAM	1	12	23.33	23.37	23.33		
5	64QAM	1	24	22.92	22.92	22.98		
5	64QAM	12	0	21.74	21.70	21.69	22.5	3
5	64QAM	12	7	21.82	21.79	21.79		
5	64QAM	12	13	21.94	21.98	21.99		
5	64QAM	25	0	21.77	21.80	21.81		
5	256QAM	1	0	20.23	20.29	20.25	20.5	5
5	256QAM	1	12	20.14	20.14	20.12		
5	256QAM	1	24	20.05	20.10	20.11		
5	256QAM	12	0	20.16	20.16	20.24	20.5	5
5	256QAM	12	7	20.23	20.17	20.19		
5	256QAM	12	13	20.13	20.11	20.15		
5	256QAM	25	0	20.08	20.14	20.07		

Band 13_Ant 1

BW [MHz]	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		24.24		25.5	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.18			
10	QPSK	25	0		23.32		24.5	1
10	QPSK	25	12		23.20			
10	QPSK	25	25		23.28			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.77			
10	16QAM	1	25		23.77		24.5	1
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.13			
10	16QAM	25	12		22.17		23.5	2
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.34			
10	64QAM	1	25		22.93		23.5	2
10	64QAM	1	49		22.56			
10	64QAM	25	0		21.13			
10	64QAM	25	12		21.30		22.5	3
10	64QAM	25	25		21.14			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.84		20.5	5
10	256QAM	1	49		19.82			
10	256QAM	25	0		19.72			
10	256QAM	25	12		19.67		20.5	5
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.02	24.07	25.5	0
5	QPSK	1	12	24.05	24.06	24.01		
5	QPSK	1	24	23.99	24.05	24.02		
5	QPSK	12	0	23.14	23.17	23.17	24.5	1
5	QPSK	12	7	23.06	23.02	23.05		
5	QPSK	12	13	23.05	23.13	23.05		
5	QPSK	25	0	23.08	23.00	23.04		
5	16QAM	1	0	23.61	23.60	23.62		
5	16QAM	1	12	23.57	23.54	23.52	24.5	1
5	16QAM	1	24	23.43	23.44	23.44		
5	16QAM	12	0	22.04	22.00	22.08	23.5	2
5	16QAM	12	7	22.08	22.03	22.03		
5	16QAM	12	13	22.11	22.10	22.02		
5	16QAM	25	0	22.02	22.03	21.99		
5	64QAM	1	0	22.13	22.11	22.18	23.5	2
5	64QAM	1	12	22.78	22.70	22.73		
5	64QAM	1	24	22.35	22.34	22.40		
5	64QAM	12	0	21.08	21.05	20.99	22.5	3
5	64QAM	12	7	21.15	21.08	21.14		
5	64QAM	12	13	21.01	21.05	21.05		
5	64QAM	25	0	21.05	21.06	21.00		
5	256QAM	1	0	19.65	19.58	19.59	20.5	5
5	256QAM	1	12	19.84	19.69	19.66		
5	256QAM	1	24	19.67	19.60	19.60		
5	256QAM	12	0	19.52	19.51	19.52	20.5	5
5	256QAM	12	7	19.51	19.50	19.50		
5	256QAM	12	13	19.52	19.48	19.51		
5	256QAM	25	0	19.51	19.50	19.49		

Band 17_Ant 0

BW [MHz]	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	24.96	24.97	24.82	25.5	0
10	QPSK	1	25	24.77	24.89	24.85		
10	QPSK	1	49	24.68	24.88	24.91		
10	QPSK	25	0	23.87	23.98	23.92	24.5	1
10	QPSK	25	12	23.91	23.97	23.96		
10	QPSK	25	25	23.90	23.87	23.93		
10	QPSK	50	0	23.91	24.06	24.03		
10	16QAM	1	0	24.04	24.20	24.33	24.5	1
10	16QAM	1	25	24.28	24.67	24.11		
10	16QAM	1	49	24.27	24.36	24.50		
10	16QAM	25	0	23.00	22.92	23.04	23.5	2
10	16QAM	25	12	22.97	23.10	22.88		
10	16QAM	25	25	23.01	22.89	22.98		
10	16QAM	50	0	22.94	23.01	23.02		
10	64QAM	1	0	23.50	23.07	22.71	23.5	2
10	64QAM	1	25	22.85	23.16	22.86		
10	64QAM	1	49	23.28	22.60	23.28		
10	64QAM	25	0	22.00	21.99	21.91	22.5	3
10	64QAM	25	12	22.08	22.08	22.00		
10	64QAM	25	25	21.93	21.92	21.91		
10	64QAM	50	0	22.01	22.02	22.00		
10	256QAM	1	0	20.36	20.41	20.33	20.5	5
10	256QAM	1	25	20.26	20.42	20.34		
10	256QAM	1	49	20.05	20.15	20.04		
10	256QAM	25	0	20.23	20.29	20.14	20.5	5
10	256QAM	25	12	20.24	20.35	20.28		
10	256QAM	25	25	20.23	20.28	20.18		
10	256QAM	50	0	20.25	20.31	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.82	24.91	24.71	25.5	0
5	QPSK	1	12	24.66	24.74	24.71		
5	QPSK	1	24	24.57	24.80	24.84		
5	QPSK	12	0	23.78	23.85	23.82	24.5	1
5	QPSK	12	7	23.82	23.81	23.88		
5	QPSK	12	13	23.79	23.76	23.81		
5	QPSK	25	0	23.79	23.92	23.92		
5	16QAM	1	0	23.91	24.05	24.26	24.5	1
5	16QAM	1	12	24.18	24.58	24.01		
5	16QAM	1	24	24.21	24.31	24.40		
5	16QAM	12	0	22.93	22.76	22.96	23.5	2
5	16QAM	12	7	22.85	22.95	22.77		
5	16QAM	12	13	22.95	22.83	22.89		
5	16QAM	25	0	22.83	22.85	22.90		
5	64QAM	1	0	23.43	23.02	22.63	23.5	2
5	64QAM	1	12	22.70	23.00	22.76		
5	64QAM	1	24	23.13	22.47	23.14		
5	64QAM	12	0	21.89	21.93	21.82	22.5	3
5	64QAM	12	7	21.93	22.02	21.87		
5	64QAM	12	13	21.86	21.77	21.76		
5	64QAM	25	0	21.87	21.87	21.89		
5	256QAM	1	0	20.20	20.31	20.20	20.5	5
5	256QAM	1	12	20.18	20.37	20.27		
5	256QAM	1	24	19.93	20.02	19.99		
5	256QAM	12	0	20.17	20.21	20.03	20.5	5
5	256QAM	12	7	20.16	20.21	20.22		
5	256QAM	12	13	20.17	20.16	20.02		
5	256QAM	25	0	20.14	20.15	20.12		

Band 17_Ant 1

BW [MHz]	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	23.59	23.74	23.45	25	0
10	QPSK	1	25	23.73	23.51	23.52		
10	QPSK	1	49	23.68	23.67	23.72		
10	QPSK	25	0	23.14	23.27	23.14	24.5	0.5
10	QPSK	25	12	23.20	23.18	23.12		
10	QPSK	25	25	23.23	23.26	23.13		
10	QPSK	50	0	23.29	23.30	23.21		
10	16QAM	1	0	23.65	23.01	23.36	24.5	0.5
10	16QAM	1	25	23.35	23.24	23.40		
10	16QAM	1	49	23.61	23.35	23.49		
10	16QAM	25	0	22.23	22.12	22.16	23.5	1.5
10	16QAM	25	12	22.46	22.28	22.04		
10	16QAM	25	25	22.25	22.23	22.18		
10	16QAM	50	0	22.21	22.29	22.27		
10	64QAM	1	0	22.51	22.49	22.53	23.5	1.5
10	64QAM	1	25	22.25	22.30	22.51		
10	64QAM	1	49	22.59	22.24	22.45		
10	64QAM	25	0	21.20	21.19	21.16	22.5	2.5
10	64QAM	25	12	21.25	21.24	21.13		
10	64QAM	25	25	21.18	21.23	21.24		
10	64QAM	50	0	21.27	21.28	21.32		
10	256QAM	1	0	19.50	19.58	19.47	20.5	4.5
10	256QAM	1	25	19.56	19.78	19.60		
10	256QAM	1	49	19.50	19.52	19.45		
10	256QAM	25	0	19.42	19.43	19.42	20.5	4.5
10	256QAM	25	12	19.50	19.57	19.51		
10	256QAM	25	25	19.43	19.53	19.37		
10	256QAM	50	0	19.53	19.62	19.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.69	23.38	25	0
5	QPSK	1	12	23.60	23.44	23.44		
5	QPSK	1	24	23.65	23.81	23.69		
5	QPSK	12	0	23.11	23.17	23.04	24.5	0.5
5	QPSK	12	7	23.15	23.15	23.05		
5	QPSK	12	13	23.15	23.13	23.05		
5	QPSK	25	0	23.17	23.20	23.10		
5	16QAM	1	0	23.53	22.95	23.25	24.5	0.5
5	16QAM	1	12	23.24	23.13	23.31		
5	16QAM	1	24	23.59	23.33	23.40		
5	16QAM	12	0	22.20	22.06	22.13	23.5	1.5
5	16QAM	12	7	22.33	22.22	21.94		
5	16QAM	12	13	22.18	22.14	22.07		
5	16QAM	25	0	22.09	22.26	22.16		
5	64QAM	1	0	22.46	22.37	22.42	23.5	1.5
5	64QAM	1	12	22.23	22.24	22.44		
5	64QAM	1	24	22.44	22.13	22.42		
5	64QAM	12	0	21.08	21.16	21.05	22.5	2.5
5	64QAM	12	7	21.21	21.17	21.07		
5	64QAM	12	13	21.08	21.12	21.14		
5	64QAM	25	0	21.23	21.18	21.23		
5	256QAM	1	0	19.40	19.52	19.42	20.5	4.5
5	256QAM	1	12	19.44	19.70	19.54		
5	256QAM	1	24	19.37	19.42	19.40		
5	256QAM	12	0	19.35	19.33	19.30	20.5	4.5
5	256QAM	12	7	19.43	19.47	19.49		
5	256QAM	12	13	19.39	19.51	19.28		
5	256QAM	25	0	19.51	19.54	19.36		

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.36	24.50	24.35	25.5	0
20	QPSK	1	49	24.24	24.26	24.28		
20	QPSK	1	99	24.29	24.26	23.95		
20	QPSK	50	0	23.36	23.35	23.23	24.5	1
20	QPSK	50	24	23.28	23.20	23.30		
20	QPSK	50	50	23.29	23.22	23.25		
20	QPSK	100	0	23.28	23.35	23.29		
20	16QAM	1	0	23.27	23.73	23.88	24.5	1
20	16QAM	1	49	23.83	23.32	23.86		
20	16QAM	1	99	23.53	23.71	23.51		
20	16QAM	50	0	22.31	22.28	22.30	23.5	2
20	16QAM	50	24	22.33	22.42	22.30		
20	16QAM	50	50	22.26	22.44	22.28		
20	16QAM	100	0	22.32	22.45	22.25		
20	64QAM	1	0	22.23	22.50	22.20	23.5	2
20	64QAM	1	49	22.47	22.68	22.44		
20	64QAM	1	99	22.87	22.71	22.63		
20	64QAM	50	0	21.27	21.43	21.41	22.5	3
20	64QAM	50	24	21.36	21.44	21.33		
20	64QAM	50	50	21.33	21.31	21.49		
20	64QAM	100	0	21.32	21.36	21.41		
20	256QAM	1	0	19.58	19.64	19.45	20.5	5
20	256QAM	1	49	19.47	19.61	19.42		
20	256QAM	1	99	19.86	20.05	19.89		
20	256QAM	50	0	19.42	19.50	19.40	20.5	5
20	256QAM	50	24	19.56	19.57	19.44		
20	256QAM	50	50	19.59	19.66	19.58		
20	256QAM	100	0	19.65	19.60	19.53		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.45	24.44	24.40	25.5	0
15	QPSK	1	37	24.31	24.36	24.31		
15	QPSK	1	74	24.26	24.34	24.25		
15	QPSK	36	0	23.37	23.37	23.37	24.5	1
15	QPSK	36	20	23.21	23.23	23.21		
15	QPSK	36	39	23.29	23.33	23.30		
15	QPSK	75	0	23.31	23.31	23.32		
15	16QAM	1	0	23.81	23.78	23.75	24.5	1
15	16QAM	1	37	23.38	23.34	23.32		
15	16QAM	1	74	23.77	23.72	23.72		
15	16QAM	36	0	22.23	22.26	22.20	23.5	2
15	16QAM	36	20	22.42	22.42	22.44		
15	16QAM	36	39	22.39	22.39	22.37		
15	16QAM	75	0	22.32	22.35	22.37		
15	64QAM	1	0	22.52	22.47	22.47	23.5	2
15	64QAM	1	37	22.78	22.78	22.78		
15	64QAM	1	74	22.73	22.69	22.65		
15	64QAM	36	0	21.50	21.51	21.49	22.5	3
15	64QAM	36	20	21.44	21.45	21.44		
15	64QAM	36	39	21.38	21.38	21.44		
15	64QAM	75	0	21.38	21.31	21.39		
15	256QAM	1	0	19.62	19.64	19.59	20.5	5
15	256QAM	1	37	19.53	19.52	19.48		
15	256QAM	1	74	20.06	20.04	20.05		
15	256QAM	36	0	19.49	19.50	19.50	20.5	5
15	256QAM	36	20	19.69	19.63	19.63		
15	256QAM	36	39	19.61	19.56	19.54		
15	256QAM	75	0	19.75	19.69	19.72		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.44	24.44	24.49	25.5	0
10	QPSK	1	25	24.36	24.24	24.29		
10	QPSK	1	49	24.17	24.15	24.21		
10	QPSK	25	0	23.38	23.25	23.33	24.5	1
10	QPSK	25	12	23.17	23.25	23.25		
10	QPSK	25	25	23.31	23.20	23.37		
10	QPSK	50	0	23.30	23.35	23.35		
10	16QAM	1	0	23.83	23.78	23.74	24.5	1
10	16QAM	1	25	23.34	23.32	23.34		
10	16QAM	1	49	23.77	23.63	23.72		
10	16QAM	25	0	22.26	22.39	22.25	23.5	2
10	16QAM	25	12	22.34	22.39	22.40		
10	16QAM	25	25	22.38	22.37	22.42		
10	16QAM	50	0	22.32	22.40	22.37		
10	64QAM	1	0	22.47	22.54	22.53	23.5	2
10	64QAM	1	25	22.83	22.67	22.83		
10	64QAM	1	49	22.68	22.65	22.74		
10	64QAM	25	0	21.52	21.48	21.52	22.5	3
10	64QAM	25	12	21.49	21.44	21.42		
10	64QAM	25	25	21.42	21.20	21.38		
10	64QAM	50	0	21.39	21.38	21.27		
10	256QAM	1	0	19.57	19.56	19.60	20.5	5
10	256QAM	1	25	19.49	19.64	19.55		
10	256QAM	1	49	20.09	20.04	20.08		
10	256QAM	25	0	19.53	19.54	19.51	20.5	5
10	256QAM	25	12	19.62	19.59	19.66		
10	256QAM	25	25	19.54	19.57	19.59		
10	256QAM	50	0	19.78	19.69	19.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.42	24.42	24.40	25.5	0
5	QPSK	1	12	24.30	24.20	24.34		
5	QPSK	1	24	24.23	24.29	24.25		
5	QPSK	12	0	23.39	23.32	23.43	24.5	1
5	QPSK	12	7	23.17	23.21	23.21		
5	QPSK	12	13	23.27	23.15	23.33		
5	QPSK	25	0	23.36	23.30	23.35		
5	16QAM	1	0	23.75	23.72	23.79	24.5	1
5	16QAM	1	12	23.28	23.28	23.27		
5	16QAM	1	24	23.76	23.70	23.67		
5	16QAM	12	0	22.26	22.22	22.30	23.5	2
5	16QAM	12	7	22.40	22.42	22.43		
5	16QAM	12	13	22.36	22.36	22.35		
5	16QAM	25	0	22.40	22.42	22.35		
5	64QAM	1	0	22.46	22.46	22.44	23.5	2
5	64QAM	1	12	22.81	22.69	22.83		
5	64QAM	1	24	22.75	22.75	22.71		
5	64QAM	12	0	21.53	21.47	21.44	22.5	3
5	64QAM	12	7	21.49	21.49	21.48		
5	64QAM	12	13	21.37	21.20	21.36		
5	64QAM	25	0	21.36	21.28	21.33		
5	256QAM	1	0	19.64	19.60	19.56	20.5	5
5	256QAM	1	12	19.53	19.56	19.49		
5	256QAM	1	24	20.09	20.01	20.05		
5	256QAM	12	0	19.48	19.56	19.58	20.5	5
5	256QAM	12	7	19.57	19.68	19.66		
5	256QAM	12	13	19.62	19.63	19.60		
5	256QAM	25	0	19.70	19.57	19.76		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.38	24.42	24.47	25.5	0
3	QPSK	1	8	24.31	24.29	24.30		
3	QPSK	1	14	24.26	24.16	24.28		
3	QPSK	8	0	23.39	23.36	23.40	24.5	1
3	QPSK	8	4	23.19	23.22	23.21		
3	QPSK	8	7	23.29	23.23	23.27		
3	QPSK	15	0	23.31	23.39	23.31		
3	16QAM	1	0	23.77	23.65	23.78	24.5	1
3	16QAM	1	8	23.31	23.32	23.34		
3	16QAM	1	14	23.69	23.76	23.66		
3	16QAM	8	0	22.24	22.40	22.27	23.5	2
3	16QAM	8	4	22.48	22.41	22.45		
3	16QAM	8	7	22.39	22.45	22.40		
3	16QAM	15	0	22.38	22.41	22.35		
3	64QAM	1	0	22.55	22.55	22.47	23.5	2
3	64QAM	1	8	22.81	22.75	22.78		
3	64QAM	1	14	22.74	22.81	22.66		
3	64QAM	8	0	21.49	21.54	21.51	22.5	3
3	64QAM	8	4	21.42	21.45	21.40		
3	64QAM	8	7	21.39	21.33	21.34		
3	64QAM	15	0	21.38	21.30	21.32		
3	256QAM	1	0	19.65	19.73	19.60	20.5	5
3	256QAM	1	8	19.50	19.53	19.45		
3	256QAM	1	14	20.04	19.97	20.00		
3	256QAM	8	0	19.55	19.62	19.46	20.5	5
3	256QAM	8	4	19.61	19.57	19.68		
3	256QAM	8	7	19.56	19.69	19.61		
3	256QAM	15	0	19.67	19.64	19.73		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.12	24.40	24.15	25.5	0
1.4	QPSK	1	3	24.19	24.15	24.23		
1.4	QPSK	1	5	24.19	24.05	23.85		
1.4	QPSK	3	0	23.99	24.25	23.94		
1.4	QPSK	3	1	24.12	24.10	24.11		
1.4	QPSK	3	3	24.00	23.99	23.77		
1.4	QPSK	6	0	23.23	23.29	23.18	24.5	1
1.4	16QAM	1	0	23.17	23.68	23.75	24.5	1
1.4	16QAM	1	3	23.81	23.21	23.82		
1.4	16QAM	1	5	23.44	23.59	23.45		
1.4	16QAM	3	0	23.14	23.59	23.70		
1.4	16QAM	3	1	23.55	23.08	23.50		
1.4	16QAM	3	3	23.45	23.41	23.28		
1.4	16QAM	6	0	22.27	22.28	22.05	23.5	2
1.4	64QAM	1	0	22.18	22.46	22.05	23.5	2
1.4	64QAM	1	3	22.40	22.50	22.27		
1.4	64QAM	1	5	22.74	22.64	22.54		
1.4	64QAM	3	0	21.95	22.21	21.94		
1.4	64QAM	3	1	22.27	22.50	22.33		
1.4	64QAM	3	3	22.80	22.39	22.38		
1.4	64QAM	6	0	21.21	21.15	21.20	22.5	3
1.4	256QAM	1	0	19.53	19.44	19.40	20.5	5
1.4	256QAM	1	3	19.34	19.48	19.32		
1.4	256QAM	1	5	19.75	19.89	19.84		
1.4	256QAM	3	0	19.25	19.40	19.34		
1.4	256QAM	3	1	19.48	19.43	19.38		
1.4	256QAM	3	3	19.42	19.56	19.44		
1.4	256QAM	6	0	19.53	19.54	19.47	20.5	5

Band 25_Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.59	20.63	20.57	22	0
20	QPSK	1	49	20.49	20.57	20.52		
20	QPSK	1	99	20.52	20.57	20.48		
20	QPSK	50	0	20.49	20.58	20.47	22	0
20	QPSK	50	24	20.54	20.52	20.46		
20	QPSK	50	50	20.44	20.51	20.50		
20	QPSK	100	0	20.53	20.56	20.47		
20	16QAM	1	0	20.47	20.48	20.45	22	0
20	16QAM	1	49	20.44	20.57	20.48		
20	16QAM	1	99	20.45	20.51	20.49		
20	16QAM	50	0	20.48	20.49	20.48	22	0
20	16QAM	50	24	20.44	20.48	20.42		
20	16QAM	50	50	20.46	20.52	20.52		
20	16QAM	100	0	20.49	20.55	20.48		
20	64QAM	1	0	20.48	20.51	20.48	22	0
20	64QAM	1	49	20.51	20.46	20.52		
20	64QAM	1	99	20.50	20.49	20.46		
20	64QAM	50	0	20.50	20.49	20.51	22	0
20	64QAM	50	24	20.50	20.50	20.48		
20	64QAM	50	50	20.44	20.58	20.42		
20	64QAM	100	0	20.48	20.54	20.51		
20	256QAM	1	0	19.06	19.20	19.07	20.5	1.5
20	256QAM	1	49	19.22	19.34	19.27		
20	256QAM	1	99	19.21	19.40	19.31		
20	256QAM	50	0	19.05	19.12	19.03	20.5	1.5
20	256QAM	50	24	19.15	19.30	19.13		
20	256QAM	50	50	19.22	19.37	19.23		
20	256QAM	100	0	19.16	19.26	19.09		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.49	20.55	20.49	22	0
15	QPSK	1	37	20.36	20.43	20.46		
15	QPSK	1	74	20.37	20.46	20.35		
15	QPSK	36	0	20.34	20.53	20.32	22	0
15	QPSK	36	20	20.40	20.43	20.32		
15	QPSK	36	39	20.35	20.41	20.39		
15	QPSK	75	0	20.38	20.49	20.42		
15	16QAM	1	0	20.38	20.40	20.34	22	0
15	16QAM	1	37	20.38	20.51	20.33		
15	16QAM	1	74	20.30	20.41	20.44		
15	16QAM	36	0	20.37	20.40	20.40	22	0
15	16QAM	36	20	20.33	20.34	20.33		
15	16QAM	36	39	20.38	20.39	20.39		
15	16QAM	75	0	20.44	20.46	20.42		
15	64QAM	1	0	20.42	20.44	20.40	22	0
15	64QAM	1	37	20.39	20.36	20.39		
15	64QAM	1	74	20.36	20.37	20.33		
15	64QAM	36	0	20.41	20.34	20.41	22	0
15	64QAM	36	20	20.43	20.35	20.40		
15	64QAM	36	39	20.32	20.53	20.33		
15	64QAM	75	0	20.33	20.49	20.37		
15	256QAM	1	0	18.88	19.05	18.95	20.5	1.5
15	256QAM	1	37	19.12	19.27	19.13		
15	256QAM	1	74	19.15	19.33	19.16		
15	256QAM	36	0	18.98	19.03	18.97	20.5	1.5
15	256QAM	36	20	19.07	19.16	18.96		
15	256QAM	36	39	19.11	19.30	19.12		
15	256QAM	75	0	19.01	19.16	18.97		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.54	20.57	20.51	22	0
10	QPSK	1	25	20.40	20.44	20.39		
10	QPSK	1	49	20.41	20.51	20.43		
10	QPSK	25	0	20.39	20.51	20.33	22	0
10	QPSK	25	12	20.43	20.43	20.31		
10	QPSK	25	25	20.36	20.46	20.41		
10	QPSK	50	0	20.44	20.51	20.35		
10	16QAM	1	0	20.34	20.41	20.32	22	0
10	16QAM	1	25	20.30	20.42	20.36		
10

Band 26_Ant 0

BW [MHz]	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	24.34	24.41	24.24	25	0
15	QPSK	1	37	24.21	24.36	24.15		
15	QPSK	1	74	24.09	24.12	24.24		
15	QPSK	36	0	23.29	23.35	23.20	24	1
15	QPSK	36	20	23.18	23.28	23.28		
15	QPSK	36	39	23.21	23.33	23.09		
15	QPSK	75	0	23.30	23.34	23.16		
15	16QAM	1	0	23.67	23.46	23.63	24	1
15	16QAM	1	37	23.52	23.10	23.66		
15	16QAM	1	74	23.09	23.86	23.47		
15	16QAM	36	0	22.33	22.22	22.34	23	2
15	16QAM	36	20	22.28	22.20	22.24		
15	16QAM	36	39	22.22	22.27	22.13		
15	16QAM	75	0	22.21	22.32	22.22		
15	64QAM	1	0	22.09	22.25	22.60	23	2
15	64QAM	1	37	21.93	21.93	22.25		
15	64QAM	1	74	22.29	22.71	22.47		
15	64QAM	36	0	21.16	21.35	21.17	22	3
15	64QAM	36	20	21.31	21.37	21.26		
15	64QAM	36	39	21.27	21.29	21.28		
15	64QAM	75	0	21.36	21.22	21.27		
15	256QAM	1	0	19.71	19.71	19.65	20	5
15	256QAM	1	37	19.41	19.46	19.46		
15	256QAM	1	74	19.57	19.58	19.63		
15	256QAM	36	0	19.54	19.74	19.58	20	5
15	256QAM	36	20	19.54	19.65	19.54		
15	256QAM	36	39	19.51	19.76	19.58		
15	256QAM	75	0	19.40	19.58	19.44		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.24	24.33	25	0
10	QPSK	1	25	24.19	24.31	24.13		
10	QPSK	1	49	24.13	24.12	24.25		
10	QPSK	25	0	23.18	23.24	23.28	24	1
10	QPSK	25	12	23.30	23.31	23.09		
10	QPSK	25	25	23.34	23.25	23.15		
10	QPSK	50	0	23.38	23.44	23.15		
10	16QAM	1	0	23.54	23.45	23.51	24	1
10	16QAM	1	25	23.52	22.95	23.70		
10	16QAM	1	49	23.09	23.75	23.46		
10	16QAM	25	0	22.33	22.27	22.27	23	2
10	16QAM	25	12	22.38	22.30	22.26		
10	16QAM	25	25	22.17	22.27	22.32		
10	16QAM	50	0	22.35	22.24	22.26		
10	64QAM	1	0	22.10	22.23	22.59	23	2
10	64QAM	1	25	22.05	21.94	22.19		
10	64QAM	1	49	22.28	22.71	22.50		
10	64QAM	25	0	21.27	21.17	21.23	22	3
10	64QAM	25	12	21.19	21.21	21.41		
10	64QAM	25	25	21.44	21.37	21.25		
10	64QAM	50	0	21.40	21.27	21.18		
10	256QAM	1	0	19.76	19.63	19.68	20	5
10	256QAM	1	25	19.55	19.52	19.37		
10	256QAM	1	49	19.64	19.61	19.51		
10	256QAM	25	0	19.42	19.79	19.54	20	5
10	256QAM	25	12	19.47	19.65	19.54		
10	256QAM	25	25	19.54	19.73	19.64		
10	256QAM	50	0	19.44	19.52	19.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.27	24.26	24.16	25	0
5	QPSK	1	12	24.28	24.28	24.15		
5	QPSK	1	24	24.21	24.01	24.16		
5	QPSK	12	0	23.34	23.33	23.11	24	1
5	QPSK	12	7	23.28	23.33	23.14		
5	QPSK	12	13	23.34	23.40	23.17		
5	QPSK	25	0	23.34	23.44	23.20		
5	16QAM	1	0	23.64	23.57	23.60	24	1
5	16QAM	1	12	23.47	22.98	23.75		
5	16QAM	1	24	23.25	23.80	23.50		
5	16QAM	12	0	22.39	22.30	22.25	23	2
5	16QAM	12	7	22.39	22.25	22.23		
5	16QAM	12	13	22.26	22.28	22.35		
5	16QAM	25	0	22.39	22.25	22.26		
5	64QAM	1	0	22.12	22.23	22.57	23	2
5	64QAM	1	12	22.18	21.97	22.34		
5	64QAM	1	24	22.22	22.77	22.53		
5	64QAM	12	0	21.32	21.30	21.12	22	3
5	64QAM	12	7	21.17	21.27	21.32		
5	64QAM	12	13	21.32	21.41	21.37		
5	64QAM	25	0	21.34	21.24	21.24		
5	256QAM	1	0	19.57	19.65	19.56	20	5
5	256QAM	1	12	19.53	19.62	19.50		
5	256QAM	1	24	19.65	19.77	19.57		
5	256QAM	12	0	19.57	19.62	19.66	20	5
5	256QAM	12	7	19.49	19.65	19.57		
5	256QAM	12	13	19.42	19.58	19.54		
5	256QAM	25	0	19.55	19.68	19.50		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.28	24.29	25	0
3	QPSK	1	8	24.23	24.23	24.20		
3	QPSK	1	14	24.19	24.06	24.26		
3	QPSK	8	0	23.29	23.33	23.21	24	1
3	QPSK	8	4	23.21	23.23	23.10		
3	QPSK	8	7	23.23	23.42	23.09		
3	QPSK	15	0	23.28	23.30	23.17		
3	16QAM	1	0	23.77	23.45	23.54	24	1
3	16QAM	1	8	23.52	22.94	23.79		
3	16QAM	1	14	23.12	23.78	23.37		
3	16QAM	8	0	22.32	22.27	22.27	23	2
3	16QAM	8	4	22.29	22.18	22.28		
3	16QAM	8	7	22.12	22.30	22.33		
3	16QAM	15	0	22.26	22.25	22.39		
3	64QAM	1	0	22.15	22.17	22.47	23	2
3	64QAM	1	8	22.03	22.09	22.27		
3	64QAM	1	14	22.26	22.77	22.53		
3	64QAM	8	0	21.22	21.32	21.26	22	3
3	64QAM	8	4	21.17	21.22	21.39		
3	64QAM	8	7	21.42	21.20	21.20		
3	64QAM	15	0	21.39	21.24	21.25		
3	256QAM	1	0	19.71	19.79	19.66	20	5
3	256QAM	1	8	19.37	19.47	19.42		
3	256QAM	1	14	19.52	19.75	19.46		
3	256QAM	8	0	19.45	19.72	19.59	20	5
3	256QAM	8	4	19.60	19.53	19.45		
3	256QAM	8	7	19.56	19.75	19.44		
3	256QAM	15	0	19.56	19.51	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.34	24.27	25	0
1.4	QPSK	1	3	24.05	24.16	24.05		
1.4	QPSK	1	5	23.98	23.86	24.08		
1.4	QPSK	3	0	24.09	24.13	24.15		
1.4	QPSK	3	1	24.06	24.20	24.09		
1.4	QPSK	3	3	23.98	23.95	24.05		
1.4	QPSK	6	0	23.12	23.30	23.17	24	1
1.4	16QAM	1	0	23.47	23.53	23.52	24	1
1.4	16QAM	1	3	23.42	22.97	23.74		
1.4	16QAM	1	5	22.93	23.72	23.27		
1.4	16QAM	3	0	23.48	23.38	23.39		
1.4	16QAM	3	1	23.14	22.84	23.56		
1.4	16QAM	3	3	22.82	23.52	23.18		
1.4	16QAM	6	0	22.26	22.21	22.30	23	2
1.4	64QAM	1	0	22.00	22.11	22.57	23	2
1.4	64QAM	1	3	21.91	21.94	22.25		
1.4	64QAM	1	5	22.03	22.79	22.28		
1.4	64QAM	3	0	22.01	22.16	22.30		
1.4	64QAM	3	1	21.92	21.73	21.99		
1.4	64QAM	3	3	22.04	22.51	22.30		
1.4	64QAM	6	0	21.31	21.17	21.03	22	3
1.4	256QAM	1	0	19.65	19.67	19.52	20	5
1.4	256QAM	1	3	19.27	19.54	19.34		
1.4	256QAM	1	5	19.40	19.50	19.31		
1.4	256QAM	3	0	19.71	20.08	19.95		
1.4	256QAM	3	1	19.50	19.66	19.46		
1.4	256QAM	3	3	19.47	19.47	19.30		
1.4	256QAM	6	0	19.31	19.53	19.33	20	5

0.5

Band 26_Ant 1

BW [MHz]	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	21.45	21.58	21.52	23	0
15	QPSK	1	37	21.4	21.4	21.44		
15	QPSK	1	74	21.37	21.36	21.49		
15	QPSK	36	0	21.45	21.43	21.39	23	0
15	QPSK	36	20	21.38	21.36	21.42		
15	QPSK	36	39	21.42	21.36	21.38		
15	QPSK	75	0	21.47	21.43	21.35		
15	16QAM	1	0	21.41	21.34	21.43	23	0
15	16QAM	1	37	21.4	21.38	21.44		
15	16QAM	1	74	21.37	21.41	21.45		
15	16QAM	36	0	21.42	21.4	21.45	23	0
15	16QAM	36	20	21.4	21.39	21.49		
15	16QAM	36	39	21.38	21.37	21.48		
15	16QAM	75	0	21.35	21.37	21.46		
15	64QAM	1	0	21.39	21.33	21.47	23	0
15	64QAM	1	37	21.45	21.39	21.48		
15	64QAM	1	74	21.36	21.38	21.44		
15	64QAM	36	0	21.06	21.18	21.07	22.5	0.5
15	64QAM	36	20	21.08	21.17	21.18		
15	64QAM	36	39	21.05	21.26	21.29		
15	64QAM	75	0	21.13	21.08	21.12		
15	256QAM	1	0	19.31	19.44	19.30	20.5	2.5
15	256QAM	1	37	19.48	19.59	19.55		
15	256QAM	1	74	19.40	19.55	19.42		
15	256QAM	36	0	19.31	19.38	19.22	20.5	2.5
15	256QAM	36	20	19.41	19.37	19.21		
15	256QAM	36	39	19.31	19.42	19.31		
15	256QAM	75	0	19.25	19.41	19.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.38	21.56	21.5	23	0
10	QPSK	1	25	21.38	21.3	21.37		
10	QPSK	1	49	21.32	21.28	21.44		
10	QPSK	25	0	21.32	21.39	21.36	23	0
10	QPSK	25	12	21.35	21.33	21.31		
10	QPSK	25	25	21.36	21.25	21.35		
10	QPSK	50	0	21.3	21.34	21.3		
10	16QAM	1	0	21.29	21.31	21.41	23	0
10	16QAM	1	25	21.29	21.27	21.42		
10	16QAM	1	49	21.31	21.25	21.4		
10	16QAM	25	0	21.36	21.31	21.38	23	0
10	16QAM	25	12	21.32	21.35	21.46		
10	16QAM	25	25	21.29	21.26	21.44		
10	16QAM	50	0	21.27	21.26	21.42		
10	64QAM	1	0	21.33	21.22	21.45	23	0
10	64QAM	1	25	21.36	21.32	21.41		
10	64QAM	1	49	21.29	21.35	21.36		
10	64QAM	25	0	20.99	21.16	20.99	22.5	0.5
10	64QAM	25	12	21.1	21.12	21.13		
10	64QAM	25	25	21	21.21	21.2		
10	64QAM	50	0	21.03	21.03	21.05		
10	256QAM	1	0	19.27	19.32	19.23	20.5	2.5
10	256QAM	1	25	19.42	19.56	19.37		
10	256QAM	1	49	19.28	19.44	19.35		
10	256QAM	25	0	19.42	19.46	19.18		
10	256QAM	25	12	19.09	19.20	19.15		
10	256QAM	25	25	19.24	19.32	19.29		
10	256QAM	50	0	19.16	19.29	19.26		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.41	21.56	21.45	23	0
5	QPSK	1	12	21.29	21.35	21.36		
5	QPSK	1	24	21.27	21.26	21.46		
5	QPSK	12	0	21.35	21.41	21.3	23	0
5	QPSK	12	7	21.3	21.23	21.3		
5	QPSK	12	13	21.4	21.25	21.35		
5	QPSK	25	0	21.39	21.35	21.32		
5	16QAM	1	0	21.36	21.27	21.36	23	0
5	16QAM	1	12	21.32	21.29	21.34		
5	16QAM	1	24	21.33	21.25	21.38		
5	16QAM	12	0	21.37	21.36	21.33	23	0
5	16QAM	12	7	21.37	21.29	21.45		
5	16QAM	12	13	21.28	21.25	21.45		
5	16QAM	25	0	21.23	21.25	21.39		
5	64QAM	1	0	21.28	21.2	21.43	23	0
5	64QAM	1	12	21.32	21.38	21.44		
5	64QAM	1	24	21.26	21.27	21.31		
5	64QAM	12	0	21.4	21.37	21.05	22.5	0.5
5	64QAM	12	7	21.19	21.1	21.11		
5	64QAM	12	13	20.92	21.2	21.22		
5	64QAM	25	0	21.04	21.05	21.02		
5	256QAM	1	0	19.22	19.37	19.26	20.5	2.5
5	256QAM	1	12	19.42	19.53	19.35		
5	256QAM	1	24	19.38	19.46	19.18		
5	256QAM	12	0	19.25	19.28	19.18	20.5	2.5
5	256QAM	12	7	19.12	19.24	19.16		
5	256QAM	12	13	19.27	19.31	19.24		
5	256QAM	25	0	19.23	19.28	19.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.47	21.52	21.48	23	0
3	QPSK	1	8	21.38	21.28	21.35		
3	QPSK	1	14	21.28	21.27	21.38		
3	QPSK	8	0	21.27	21.41	21.31	23	0
3	QPSK	8	4	21.32	21.24	21.35		
3	QPSK	8	7	21.34	21.34	21.27		
3	QPSK	15	0	21.36	21.34	21.23		
3	16QAM	1	0	21.38	21.35	21.39	23	0
3	16QAM	1	8	21.38	21.35	21.39		
3	16QAM	1	14	21.33	21.29	21.32		
3	16QAM	8	0	19.16	21.34	21.39	23	0
3	16QAM	8	4	21.32	21.28	21.41		
3	16QAM	8	7	21.3	21.28	21.37		
3	16QAM	15	0	21.25	21.35	21.42		
3	64QAM	1	0	21.31	21.3	21.42	23	0
3	64QAM	1	8	21.33	21.37	21.39		
3	64QAM	1	14	21.38	21.34	21.36		
3	64QAM	8	0	20.96	21.09	21.05	22.5	0.5
3	64QAM	8	4	21.1	21.02	21.1		
3	64QAM	8	7	21.3	21.13	21.24		
3	64QAM	15	0	21.03	21.06	21.09		
3	256QAM	1	0	19.24	19.39	19.20	20.5	2.5
3	256QAM	1	8	19.41	19.50	19.36		
3	256QAM	1	14	19.42	19.34	19.27		
3	256QAM	8	0	19.24	19.26	19.18	20.5	2.5
3	256QAM	8	4	19.12	19.25	19.09		
3	256QAM	8	7	19.23	19.35	19.23		
3	256QAM	15	0	19.20	19.31	19.27		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.38	21.56	21.45	23	0
1.4	QPSK	1	3	21.31	21.33	21.34		
1.4	QPSK	1	5	21.29	21.25	21.38		
1.4	QPSK	3	0	21.4	21.45	21.27		
1.4	QPSK	3	1	21.36	21.26	21.33		
1.4	QPSK	3	3	21.34	21.34	21.32		
1.4	QPSK	6	0	21.34	21.34	21.32	23	0
1.4	16QAM	1	0	21.32	21.28	21.41	23	0
1.4	16QAM	1	3	21.31	21.31	21.31		
1.4	16QAM	1	5	21.34	21.45	21.35		
1.4	16QAM	3	0	21.4	21.38	21.38		
1.4	16QAM	3	1	21.28	21.34	21.4		
1.4	16QAM	3	3	21.36	21.34	21.43		
1.4	16QAM	6	0	21.28	21.35	21.43	23	0
1.4	64QAM	1	0	21.28	21.22	21.36	23	0
1.4	64QAM	1	3	21.31	21.37	21.43		
1.4	64QAM	1	5	21.28	21.31	21.32		
1.4	64QAM	3	0	21.31	21.25	21.39		
1.4	64QAM	3	1	21.32	21.38	21.46		
1.4	64QAM	3	3	21.3	21.32	21.34		
1.4	64QAM	6	0	21.05	21.02	21.03	22.5	0.5
1.4	256QAM	1	0	19.29	19.32	19.28	20.5	2.5
1.4	256QAM	1	3	19.38	19.54	19.37		
1.4	256QAM	1	5	19.33	19.44	19.37		
1.4	256QAM	3	0	19.25	19.29	19.09		
1.4	256QAM	3	1	19.18	19.27	19.15		
1.4	256QAM	3	3	19.21	19.36	19.29		
1.4	256QAM	6	0	19.17	19.35	19.22	20.5	2.5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.43	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.47	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.80	20.35	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.90	19.32		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	18.34	18.54	18.38		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71	18	5
20	256QAM	1	49	16.65	16.89	16.55		
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60	18	5
20	256QAM	50	24	16.72	16.77	16.72		
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.31	20.21		
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.36	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.30	19.37		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.36	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.47	16.47	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09	23	0
10	QPSK	1	25	21.07	21.49	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.22	19.15		
10	16QAM	50	0	19.

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44	24.5	0
20	QPSK	1	49	23.12	23.41	23.42		
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.30	22.62	22.59	23.5	1
20	QPSK	50	24	22.23	22.61	22.61		
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	22.57	23.10	22.70	23.5	1
20	16QAM	1	49	22.65	23.10	22.93		
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71	22.5	2
20	16QAM	50	24	21.37	21.59	21.73		
20	16QAM	50	50	21.42	21.57	21.60		
20	16QAM	100	0	21.37	21.58	21.54		
20	64QAM	1	0	21.61	21.76	22.16	22.5	2
20	64QAM	1	49	21.68	21.75	21.98		
20	64QAM	1	99	21.66	21.30	22.02		
20	64QAM	50	0	20.25	20.62	20.70	21.5	3
20	64QAM	50	24	20.45	20.56	20.58		
20	64QAM	50	50	20.30	20.45	20.67		
20	64QAM	100	0	20.29	20.53	20.55		
20	256QAM	1	0	18.62	18.76	18.60	19.5	5
20	256QAM	1	49	18.84	18.93	18.83		
20	256QAM	1	99	18.64	18.89	18.64		
20	256QAM	50	0	18.53	18.61	18.59	19.5	5
20	256QAM	50	24	18.49	18.67	18.52		
20	256QAM	50	50	18.54	18.64	18.52		
20	256QAM	100	0	18.64	18.73	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.23	23.48	23.48	24.5	0
15	QPSK	1	37	23.11	23.43	23.42		
15	QPSK	1	74	23.28	23.49	23.43		
15	QPSK	36	0	22.30	22.62	22.58	23.5	1
15	QPSK	36	20	22.25	22.60	22.60		
15	QPSK	36	39	22.28	22.51	22.58		
15	QPSK	75	0	22.32	22.48	22.37		
15	16QAM	1	0	22.56	23.10	22.68	23.5	1
15	16QAM	1	37	22.62	23.10	22.93		
15	16QAM	1	74	22.48	22.76	22.57		
15	16QAM	36	0	21.12	21.71	21.71	22.5	2
15	16QAM	36	20	21.40	21.59	21.70		
15	16QAM	36	39	21.43	21.60	21.59		
15	16QAM	75	0	21.37	21.63	21.53		
15	64QAM	1	0	21.60	21.81	22.13	22.5	2
15	64QAM	1	37	21.68	21.75	22.00		
15	64QAM	1	74	21.68	21.31	22.00		
15	64QAM	36	0	20.24	20.64	20.67	21.5	3
15	64QAM	36	20	20.47	20.56	20.57		
15	64QAM	36	39	20.29	20.44	20.65		
15	64QAM	75	0	20.30	20.53	20.55		
15	256QAM	1	0	18.60	18.75	18.58	19.5	5
15	256QAM	1	37	18.87	18.93	18.82		
15	256QAM	1	74	18.63	18.74	18.63		
15	256QAM	36	0	18.50	18.61	18.58	19.5	5
15	256QAM	36	20	18.49	18.65	18.55		
15	256QAM	36	39	18.54	18.64	18.51		
15	256QAM	75	0	18.67	18.74	18.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.27	23.48	23.46	24.5	0
10	QPSK	1	25	23.09	23.45	23.42		
10	QPSK	1	49	23.29	23.53	23.40		
10	QPSK	25	0	22.26	22.61	22.58	23.5	1
10	QPSK	25	12	22.27	22.56	22.60		
10	QPSK	25	25	22.32	22.52	22.57		
10	QPSK	50	0	22.32	22.46	22.36		
10	16QAM	1	0	22.58	23.15	22.70	23.5	1
10	16QAM	1	25	22.65	23.06	22.93		
10	16QAM	1	49	22.49	22.78	22.61		
10	16QAM	25	0	21.12	21.75	21.71	22.5	2
10	16QAM	25	12	21.38	21.63	21.73		
10	16QAM	25	25	21.41	21.57	21.62		
10	16QAM	50	0	21.37	21.62	21.57		
10	64QAM	1	0	21.58	21.76	22.15	22.5	2
10	64QAM	1	25	21.66	21.80	21.96		
10	64QAM	1	49	21.66	21.27	21.99		
10	64QAM	25	0	20.24	20.62	20.68	21.5	3
10	64QAM	25	12	20.50	20.59	20.57		
10	64QAM	25	25	20.28	20.48	20.64		
10	64QAM	50	0	20.27	20.50	20.55		
10	256QAM	1	0	18.69	18.73	18.61	19.5	5
10	256QAM	1	25	18.88	18.94	18.83		
10	256QAM	1	49	18.62	18.69	18.61		
10	256QAM	25	0	18.51	18.64	18.57	19.5	5
10	256QAM	25	12	18.52	18.68	18.53		
10	256QAM	25	25	18.53	18.59	18.54		
10	256QAM	50	0	18.65	18.70	18.56		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.24	23.48	23.44	24.5	0
5	QPSK	1	12	23.12	23.46	23.40		
5	QPSK	1	24	23.26	23.50	23.40		
5	QPSK	12	0	22.26	22.61	22.59	23.5	1
5	QPSK	12	7	22.22	22.58	22.63		
5	QPSK	12	13	22.27	22.56	22.58		
5	QPSK	25	0	22.33	22.46	22.37		
5	16QAM	1	0	22.53	23.12	22.69	23.5	1
5	16QAM	1	12	22.65	23.07	22.90		
5	16QAM	1	24	22.47	22.77	22.62		
5	16QAM	12	0	21.13	21.72	21.72	22.5	2
5	16QAM	12	7	21.35	21.60	21.71		
5	16QAM	12	13	21.44	21.59	21.62		
5	16QAM	25	0	21.33	21.60	21.56		
5	64QAM	1	0	21.56	21.79	22.16	22.5	2
5	64QAM	1	12	21.65	21.78	22.00		
5	64QAM	1	24	21.67	21.30	22.00		
5	64QAM	12	0	20.27	20.60	20.67	21.5	3
5	64QAM	12	7	20.45	20.59	20.57		
5	64QAM	12	13	20.31	20.46	20.69		
5	64QAM	25	0	20.28	20.53	20.59		
5	256QAM	1	0	18.60	18.73	18.63	19.5	5
5	256QAM	1	12	18.83	18.96	18.85		
5	256QAM	1	24	18.63	18.70	18.61		
5	256QAM	12	0	18.54	18.61	18.57	19.5	5
5	256QAM	12	7	18.53	18.67	18.56		
5	256QAM	12	13	18.52	18.63	18.56		
5	256QAM	25	0	18.63	18.73	18.60		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.27	23.50	23.46	24.5	0
3	QPSK	1	8	23.13	23.45	23.45		
3	QPSK	1	14	23.26	23.53	23.43		
3	QPSK	8	0	22.27	22.59	22.58	23.5	1
3	QPSK	8	4	22.23	22.61	22.61		
3	QPSK	8	7	22.32	22.56	22.60		
3	QPSK	15	0	22.30	22.47	22.36		
3	16QAM	1	0	22.56	23.10	22.68	23.5	1
3	16QAM	1	8	22.64	23.07	22.88		
3	16QAM	1	14	22.49	22.78	22.61		
3	16QAM	8	0	21.11	21.72	21.75	22.5	2
3	16QAM	8	4	21.38	21.64	21.72		
3	16QAM	8	7	21.40	21.60	21.57		
3	16QAM	15	0	21.36	21.60	21.52		
3	64QAM	1	0	21.56	21.81	22.12	22.5	2
3	64QAM	1	8	21.69	21.80	22.00		
3	64QAM	1	14	21.63	21.26	22.00		
3	64QAM	8	0	20.27	20.63	20.66	21.5	3
3	64QAM	8	4	20.47	20.58	20.60		
3	64QAM	8	7	20.26	20.48	20.68		
3	64QAM	15	0	20.29	20.52	20.57		
3	256QAM	1	0	18.55	18.78	18.59	19.5	5
3	256QAM	1	8	18.85	18.95	18.86		
3	256QAM	1	14	18.62	18.70	18.62		
3	256QAM	8	0	18.51	18.61	18.55	19.5	5
3	256QAM	8	4	18.50	18.69	18.53		
3	256QAM	8	7	18.52	18.61	18.51		
3	256QAM	15	0	18.64	18.73	18.56		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.19	23.37	23.34	24.5	0
1.4	QPSK	1	3	23.05	23.34	23.29		
1.4	QPSK	1	5	23.11	23.43	23.30		
1.4	QPSK	3	0	23.08	23.29	23.24		
1.4	QPSK	3	1	22.95	23.24	23.12		
1.4	QPSK	3	3	23.06	23.38	23.23		
1.4	QPSK	6	0	22.29	22.36	22.32	23.5	1
1.4	16QAM	1	0	22.50	22.96	22.63	23.5	1
1.4	16QAM	1	3	22.56	22.99	22.77		
1.4	16QAM	1	5	22.41	22.72	22.54		
1.4	16QAM	3	0	22.49	22.83	22.54		
1.4	16QAM	3	1	22.46	22.82	22.66		
1.4	16QAM	3	3	22.35	22.86	22.45		
1.4	16QAM	6	0	21.23	21.45	21.49	22.5	2
1.4	64QAM	1	0	21.52	21.87	22.01	22.5	2
1.4	64QAM	1	3	21.57	21.85	21.91		
1.4	64QAM	1	5	21.52	21.13	21.84		
1.4	64QAM	3	0	21.37	21.55	21.90		
1.4	64QAM	3	1	21.43	21.57	21.77		
1.4	64QAM	3	3	21.42	21.06	21.70		
1.4	64QAM	6	0	20.22	20.39	20.40	21.5	3
1.4	256QAM	1	0	18.50	18.61	18.46	19.5	5
1.4	256QAM	1	3	18.89	18.82	18.77		
1.4	256QAM	1	5	18.49	18.67	18.49		
1.4	256QAM	3	0	18.39	18.53	18.41		
1.4	256QAM	3	1	18.43	18.49	18.39		
1.4	256QAM	3	3	18.35	18.56	18.45		
1.4	256QAM	6	0	18.54	18.66	18.47	19.5	5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.34	18.57	18.48	20	0
20	QPSK	1	49	18.44	18.51	18.48		
20	QPSK	1	99	18.44	18.52	18.44		
20	QPSK	50	0	18.18	18.35	18.23	20	0
20	QPSK	50	24	18.25	18.34	18.23		
20	QPSK	50	50	18.27	18.32	18.21		
20	QPSK	100	0	18.31	18.39	18.28		
20	16QAM	1	0	18.35	18.54	18.42	20	0
20	16QAM	1	49	18.45	18.56	18.43		
20	16QAM	1	99	18.25	18.43	18.41		
20	16QAM	50	0	18.25	18.31	18.27	20	0
20	16QAM	50	24	18.34	18.44	18.44		
20	16QAM	50	50	18.36	18.47	18.41		
20	16QAM	100	0	18.32	18.42	18.34		
20	64QAM	1	0	18.31	18.39	18.33	20	0
20	64QAM	1	49	18.29	18.46	18.38		
20	64QAM	1	99	18.34	18.49	18.41		
20	64QAM	50	0	18.12	18.32	18.21	20	0
20	64QAM	50	24	18.33	18.43	18.38		
20	64QAM	50	50	18.29	18.48	18.40		
20	64QAM	100	0	18.26	18.41	18.34		
20	256QAM	1	0	18.11	18.29	18.13	19.5	0.5
20	256QAM	1	49	18.38	18.48	18.37		
20	256QAM	1	99	18.16	18.25	18.14		
20	256QAM	50	0	18.05	18.16	18.08	19.5	0.5
20	256QAM	50	24	18.03	18.20	18.07		
20	256QAM	50	50	18.03	18.15	18.07		
20	256QAM	100	0	18.17	18.25	18.12		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.27	18.54	18.41	20	0
15	QPSK	1	37	18.38	18.47	18.45		
15	QPSK	1	74	18.34	18.45	18.37		
15	QPSK	36	0	18.13	18.26	18.21	20	0
15	QPSK	36	20	18.15	18.30	18.18		
15	QPSK	36	39	18.23	18.28	18.10		
15	QPSK	75	0	18.28	18.32	18.18		
15	16QAM	1	0	18.22	18.51	18.34	20	0
15	16QAM	1	37	18.40	18.54	18.32		
15	16QAM	1	74	18.14	18.38	18.31		
15	16QAM	36	0	18.12	18.19	18.21	20	0
15	16QAM	36	20	18.29	18.40	18.36		
15	16QAM	36	39	18.28	18.45	18.37		
15	16QAM	75	0	18.30	18.34	18.25		
15	64QAM	1	0	18.21	18.28	18.21	20	0
15	64QAM	1	37	18.28	18.40	18.34		
15	64QAM	1	74	18.21	18.42	18.33		
15	64QAM	36	0	18.01	18.30	18.08	20	0
15	64QAM	36	20	18.23	18.31	18.35		
15	64QAM	36	39	18.24	18.38	18.31		
15	64QAM	75	0	18.23	18.39	18.28		
15	256QAM	1	0	18.24	18.09	18.09	19.5	0.5
15	256QAM	1	37	18.38	18.46	18.27		
15	256QAM	1	74	18.14	18.22	18.10		
15	256QAM	36	0	18.03	18.04	18.02	19.5	0.5
15	256QAM	36	20	17.94	18.16	17.98		
15	256QAM	36	39	17.99	18.02	18.04		
15	256QAM	75	0	18.14	18.17	18.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.29	18.52	18.46	20	0
10	QPSK	1	25	18.42	18.45	18.38		
10	QPSK	1	49	18.32	18.40	18.34		
10	QPSK	25	0	18.09	18.33	18.15	20	0
10	QPSK	25	12	18.23	18.27	18.19		
10	QPSK	25	25	18.23	18.27	18.11		
10	QPSK	50	0	18.28	18.31	18.17		
10	16QAM	1	0	18.24	18.49	18.38	20	0
10	16QAM	1	25	18.36	18.46	18.40		
10	16QAM	1	49	18.23	18.41	18.29		
10	16QAM	25	0	18.22	18.18	18.24	20	0
10	16QAM	25	12	18.25	18.38	18.38		
10	16QAM	25	25	18.28	18.39	18.36		
10	16QAM	50	0	18.20	18.30	18.22		
10	64QAM	1	0	18.28	18.39	18.22	20	0
10	64QAM	1	25	18.19	18.42	18.31		
10	64QAM	1	49	18.28	18.47	18.29		
10	64QAM	25	0	18.08	18.20	18.09	20	0
10	64QAM	25	12	18.21	18.33	18.36		
10	64QAM	25	25	18.18	18.45	18.29		
10	64QAM	50	0	18.16	18.38	18.22		
10	256QAM	1	0	18.04	18.20	18.07	19.5	0.5
10	256QAM	1	25	18.30	18.46	18.26		
10	256QAM	1	49	18.06	18.15	18.02		
10	256QAM	25	0	18.02	18.03	18.01	19.5	0.5
10	256QAM	25	12	17.97	18.10	17.96		
10	256QAM	25	25	17.97	18.07	18.05		
10	256QAM	50	0	18.05	18.23	18.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.27	18.54	18.45	20	0
5	QPSK	1	12	18.34	18.48	18.40		
5	QPSK	1	24	18.35	18.47	18.31		
5	QPSK	12	0	18.05	18.24	18.16	20	0
5	QPSK	12	7	18.17	18.28	18.10		
5	QPSK	12	13	18.24	18.19	18.12		
5	QPSK	25	0	18.22	18.35	18.24		
5	16QAM	1	0	18.33	18.41	18.38	20	0
5	16QAM	1	12	18.33	18.45	18.32		
5	16QAM	1	24	18.15	18.31	18.33		
5	16QAM	12	0	18.16	18.28	18.14	20	0
5	16QAM	12	7	18.32	18.32	18.33		
5	16QAM	12	13	18.33	18.40	18.29		
5	16QAM	25	0	18.22	18.35	18.29		
5	64QAM	1	0	18.22	18.36	18.30	20	0
5	64QAM	1	12	18.16	18.35	18.35		
5	64QAM	1	24	18.22	18.38	18.34		
5	64QAM	12	0	18.09	18.26	18.18	20	0
5	64QAM	12	7	18.24	18.38	18.26		
5	64QAM	12	13	18.20	18.43	18.28		
5	64QAM	25	0	18.15	18.29	18.27		
5	256QAM	1	0	18.07	18.25	18.05	19.5	0.5
5	256QAM	1	12	18.29	18.41	18.26		
5	256QAM	1	24	18.10	18.18	18.09		
5	256QAM	12	0	17.97	18.07	17.99	19.5	0.5
5	256QAM	12	7	17.95	18.13	18.03		
5	256QAM	12	13	17.92	18.05	17.96		
5	256QAM	25	0	18.11	18.18	18.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.27	18.54	18.44	20	0
3	QPSK	1	8	18.40	18.42	18.40		
3	QPSK	1	14	18.42	18.49	18.38		
3	QPSK	8	0	18.05	18.29	18.13	20	0
3	QPSK	8	4	18.13	18.27	18.17		
3	QPSK	8	7	18.17	18.20	18.10		
3	QPSK	15	0	18.20	18.32	18.23		
3	16QAM	1	0	18.22	18.47	18.33	20	0
3	16QAM	1	8	18.38	18.48	18.34		
3	16QAM	1	14	18.12	18.37	18.32		
3	16QAM	8	0	18.12	18.28	18.18	20	0
3	16QAM	8	4	18.24	18.32	18.34		
3	16QAM	8	7	18.32	18.35	18.34		
3	16QAM	15	0	18.30	18.32	18.21		
3	64QAM	1	0	18.27	18.28	18.22	20	0
3	64QAM	1	8	18.25	18.42	18.36		
3	64QAM	1	14	18.24	18.41	18.38		
3	64QAM	8	0	18.04	18.25	18.11	20	0
3	64QAM	8	4	18.23	18.38	18.32		
3	64QAM	8	7	18.22	18.43	18.38		
3	64QAM	15	0	18.14	18.32	18.31		
3	256QAM	1	0	18.01	18.23	18.10	19.5	0.5
3	256QAM	1	8	18.34	18.43	18.27		
3	256QAM	1	14	18.09	18.20	18.11		
3	256QAM	8	0	17.96	18.04	17.98	19.5	0.5
3	256QAM	8	4	17.93	18.13	17.98		
3	256QAM	8	7	17.99	18.06	18.05		
3	256QAM	15	0	18.10	18.21	18.03		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.32	18.49	18.45	20	0
1.4	QPSK	1	3	18.37	18.42	18.40		
1.4	QPSK	1	5	18.38	18.46	18.31		
1.4	QPSK	3	0	18.02	18.33	18.14	20	0
1.4	QPSK	3	1	18.14	18.30	18.11		
1.4	QPSK	3	3	18.15	18.24	18.12		
1.4	QPSK	6	0	18.25	18.36	18.16	20	0
1.4	16QAM	1	0	18.23	18.49	18.29	20	0
1.4	16QAM	1	3	18.42	18.45	18.41		
1.4	16QAM	1	5	18.12	18.33	18.36		
1.4	16QAM	3	0	18.23	18.22	18.24	20	0
1.4	16QAM	3	1	18.24	18.39	18.34		
1.4	16QAM	3	3	18.25	18.40	18.37		
1.4	16QAM	6	0	18.21	18.35	18.27	20	0
1.4	64QAM	1	0	18.21	18.37	18.21	20	0
1.4	64QAM	1	3	18.28	18.34	18.35		
1.4	64QAM	1	5	18.23	18.37	18.32		
1.4	64QAM	3	0	18.08	18.30	18.11	20	0
1.4	64QAM	3	1	18.22	18.39	18.36		
1.4	64QAM	3	3	18.17	18.40	18.35		
1.4	64QAM	6	0	18.22	18.28	18.28	20	0
1.4	256QAM	1	0	18.09	18.23	18.07	19.5	0.5
1.4	256QAM	1	3	18.32	18.45	18.35		
1.4	256QAM	1	5	18.03	18.15	18.04		
1.4	256QAM	3	0	17.93	18.04	18.03	19.5	0.5
1.4	256QAM	3	1	17.90	18.15	17.94		
1.4	256QAM	3	3	17.97	18.03	17.94		
1.4	256QAM	6	0	18.11	18.16	18.08	19.5	0.5

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power 1 TP on Ch [dBm]	Power 2 TP on Ch [dBm]	Power 3 TP on Ch [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2595	2610		
20	QPSK	1	0	21.51	21.58	21.70	23	0
20	QPSK	1	49	21.59	21.69	21.41		
20	QPSK	1	99	21.63	21.67	21.72		
20	QPSK	50	0	20.69	20.75	20.50		
20	QPSK	50	24	20.65	20.32	20.52	22	1
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.75	20.83	20.61		
20	16QAM	1	0	21.02	20.74	20.55		
20	16QAM	1	49	20.53	20.43	20.60	22	1
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.73	19.61	19.51		
20	16QAM	50	24	19.73	19.57	19.59	21	2
20	16QAM	50	50	19.65	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.62	19.58	19.62		
20	64QAM	1	49	19.33	19.68	19.33	21	2
20	64QAM	1	99	19.67	19.57	19.69		
20	64QAM	50	0	18.72	18.49	18.55		
20	64QAM	50	24	18.69	18.49	18.62	20	3
20	64QAM	50	50	18.71	18.47	18.50		
20	64QAM	100	0	18.60	18.47	18.58		
20	256QAM	1	0	18.59	18.71	18.48		
20	256QAM	1	49	18.63	18.80	18.64	18	5
20	256QAM	1	99	18.67	18.69	18.48		
20	256QAM	50	0	18.75	18.62	18.79		
20	256QAM	50	24	18.78	18.86	18.79	18	5
20	256QAM	50	50	18.60	18.73	18.57		
20	256QAM	100	0	18.63	18.72	18.57		
Channel				37825	38000	38175	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2595	2612.5		
15	QPSK	1	0	21.60	21.61	21.70	23	0
15	QPSK	1	37	21.49	21.58	21.41		
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.59	20.60	20.46		
15	QPSK	36	20	20.58	20.60	20.45	22	1
15	QPSK	36	39	20.60	20.47	20.45		
15	QPSK	75	0	20.66	20.60	20.35		
15	16QAM	1	0	20.91	20.74	20.44		
15	16QAM	1	37	20.40	20.33	20.56	22	1
15	16QAM	1	74	20.40	20.20	20.44		
15	16QAM	36	0	19.62	19.50	19.42		
15	16QAM	36	20	19.73	19.40	19.52	21	2
15	16QAM	36	39	19.56	19.36	19.34		
15	16QAM	75	0	19.62	19.39	19.36		
15	64QAM	1	0	19.56	19.56	19.54		
15	64QAM	1	37	19.72	19.69	19.36	21	2
15	64QAM	1	74	19.60	19.40	19.66		
15	64QAM	36	0	18.62	18.47	18.54		
15	64QAM	36	20	18.60	18.42	18.62	20	3
15	64QAM	36	39	18.63	18.40	18.44		
15	64QAM	75	0	18.69	18.42	18.53		
15	256QAM	1	0	18.42	18.62	18.55		
15	256QAM	1	37	18.59	18.70	18.55	18	5
15	256QAM	1	74	18.52	18.66	18.66		
15	256QAM	36	0	18.59	18.76	18.76		
15	256QAM	36	20	18.72	18.80	18.62	18	5
15	256QAM	36	39	18.59	18.66	18.76		
15	256QAM	75	0	18.62	18.68	18.52		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2570	2595	2620		
10	QPSK	1	0	21.70	21.70	21.70	23	0
10	QPSK	1	24	21.59	21.57	21.31		
10	QPSK	1	49	21.60	21.69	21.62		
10	QPSK	25	0	20.64	20.60	20.38		
10	QPSK	25	12	20.61	20.20	20.42	22	1
10	QPSK	25	25	20.62	20.51	20.36		
10	QPSK	50	0	20.70	20.72	20.48		
10	16QAM	1	0	21.01	20.68	20.48		
10	16QAM	1	24	20.49	20.41	20.59	22	1
10	16QAM	1	49	20.47	20.29	20.50		
10	16QAM	25	0	19.70	19.49	19.61		
10	16QAM	25	12	19.63	19.50	19.35	21	2
10	16QAM	25	25	19.63	19.34	19.41		
10	16QAM	50	0	19.69	19.39	19.41		
10	64QAM	1	0	19.60	19.62	19.60		
10	64QAM	1	24	19.29	19.61	19.26	21	2
10	64QAM	1	49	19.63	19.64	19.46		
10	64QAM	25	0	18.71	18.43	18.44		
10	64QAM	25	12	18.61	18.40	18.60	20	3
10	64QAM	25	25	18.62	18.40	18.41		
10	64QAM	50	0	18.70	18.46	18.48		
10	256QAM	1	0	18.59	18.69	18.53		
10	256QAM	1	24	18.63	18.71	18.63	18	5
10	256QAM	1	49	18.59	18.57	18.63		
10	256QAM	25	0	18.70	18.79	18.70		
10	256QAM	25	12	18.78	18.79	18.66	16	5
10	256QAM	25	25	18.61	18.72	18.70		
10	256QAM	50	0	18.65	18.68	18.40		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2595	2617.5		
5	QPSK	1	0	21.51	21.60	21.70		
5	QPSK	1	12	21.57	21.59	21.36	23	0
5	QPSK	1	24	21.62	21.66	21.72		
5	QPSK	12	0	20.62	20.69	20.36		
5	QPSK	12	7	20.62	20.21	20.52	22	1
5	QPSK	12	13	20.69	20.24	20.52		
5	QPSK	12	25	20.63	20.60	20.32		
5	16QAM	1	0	20.58	20.66	20.40		
5	16QAM	1	12	20.63	20.40	20.33	22	1
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.40		
5	16QAM	12	7	19.66	19.47	19.50	21	2
5	16QAM	12	13	19.61	19.37	19.32		
5	16QAM	12	25	19.62	19.39	19.40		
5	64QAM	1	0	19.62	19.39	19.40		
5	64QAM	1	12	19.33	19.67	19.21	21	2
5	64QAM	1	24	19.60	19.46	19.52		
5	64QAM	12	0	18.66	18.39	18.53		
5	64QAM	12	7	18.66	18.37	18.52	20	3
5	64QAM	12	13	18.71	18.39	18.49		
5	64QAM	12	25	18.73	18.44	18.47		
5	256QAM	1	0	18.51	18.66	18.61		
5	256QAM	1	12	18.55	18.66	18.52	18	5
5	256QAM	1	24	18.66	18.67	18.66		
5	256QAM	12	0	18.60	18.80	18.72		
5	256QAM	12	7	18.72	18.71	18.67	16	5
5	256QAM	12	13	18.72	18.72	18.66		
5	256QAM	12	25	18.58	18.64	18.47		

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power 1 TP on Ch [dBm]	Power 2 TP on Ch [dBm]	Power 3 TP on Ch [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2595	2610		
20	QPSK	1	0	17.66	17.71	16.91		
20	QPSK	1	49	17.03	16.93	17.04	18	0
20	QPSK	1	99	16.96	16.90	17.01		
20	QPSK	50	0	17.03	17.09	16.92		
20	QPSK	50	24	17.07	16.97	16.97	18	0
20	QPSK	50	50	16.99	16.97	17.01		
20	QPSK	100	0	16.95	17.01	16.93		
20	16QAM	1	0	16.81	16.91	17.02		
20	16QAM	1	49	17.05	17.00	16.99	18	0
20	16QAM	1	99	16.9	16.99	16.76		
20	16QAM	50	0	17.07	16.99	16.97		
20	16QAM	50	24	17.09	17.02	16.97	18	0
20	16QAM	50	50	17.06	17.07	17.09		
20	16QAM	100	0	17.07	16.99	16.94		
20	64QAM	1	0	17.07	16.96	16.99		
20	64QAM	1	49	17.07	16.95	16.97	18	0
20	64QAM	1	99	16.73	16.76	16.89		
20	64QAM	50	0	17.03	16.97	16.94		
20	64QAM	50	24	17.07	16.96	16.99	18	0
20	64QAM	50	50	17.09	17.02	17.02		
20	64QAM	100	0	17.06	16.9	16.91		
20	256QAM	1	0	17.06	17.06	17.06		
20	256QAM	1	49	17.06	17.06	17.02	18	0
20	256QAM	1	99	17.07	17.03	17.03		
20	256QAM	50	0	17.05	17.07	17.08		
20	256QAM	50	24	17.03	17.07	17.09	18	0
20	256QAM	50	50	17.08	17.05	17.03		
20	256QAM	100	0	17.08	17.05	17.03		
Channel				37825	38000	38175	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2595	2612.5		
15	QPSK	1	0	17.03	17.05	16.91		
15	QPSK	1	37	16.95	16.99	16.92	18	0
15	QPSK	1	74	16.91	16.73	16.89		
15	QPSK	36	0	16.99	17.01	16.89		
15	QPSK	36	20	16.95	16.95	16.93	18	0
15	QPSK	36	39	16.92	16.99	16.89		
15	QPSK	75	0	16.93	16.99	16.81		
15	16QAM	1	0	16.89	16.78	16.91		
15	16QAM	1	37	16.96	16.98	16.91	18	0
15	16QAM	1	74	16.49	16.77	16.64		
15	16QAM	36	0	16.94	16.95	16.91		
15	16QAM	36	20	16.99	16.99	16.78	18	0
15	16QAM	36	39	17.02	17.02	16.91		
15	16QAM	75	0	16.97	16.99	16.92		
15	64QAM	1	0	16.99	16.96	16.9		
15	64QAM	1	37	17	16.99	16.95	18	0
15	64QAM	1	74	16.97	16.95	16.97		
15	64QAM	36	0	16.96	16.95	16.97		
15	64QAM	36	20	17.03	16.79	16.9	18	0
15	64QAM	36	39	16.96	16.99	16.97		
15	64QAM	75	0	17	16.99	16.97		
15	256QAM	1	0	16.97	16.96	16.95		
15	256QAM	1	37	16.95	16.99	16.97	18	0
15	256QAM	1	74	16.97	16.92	16.95		
15	256QAM	36	0	16.92	17.04	17.01		
15	256QAM	36	20	16.97	16.99	16.99	18	0
15	256QAM	36	39	17.05	17.09	16.97		
15	256QAM	75	0	16.97	16.99	16.97		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2570	2595	2620		
10	QPSK	1	0	16.99	17.05	16.95		
10	QPSK	1	24	16.96	16.99	16.92	18	0
10	QPSK	1	49	16.9	16.79	17.01		
10	QPSK	25	0	16.91	16.95	16.95		
10	QPSK	25	12	17.01	16.93	16.99	18	0
10	QPSK	25	25	16.99	16.99	16.99		
10	QPSK	50	0	16.93	16.95	16.93		
10	16QAM	1	0	16.77	16.78	16.99		
10	16QAM	1	24	16.94	17.02	16.92	18	0
10	16QAM	1	49	16.98	16.93	16.95		
10	16QAM	25	0	16.94	16.99	16.93		
10	16QAM	25	12	17.04	16.9	16.92	18	0
10	16QAM	25	25	16.96	17.02	16.92		
10	16QAM	50	0	16.94	16.99	16.72		
10	64QAM	1	0	17	17.01	16.97		
10	64QAM	1	24	17.01	16.99	16.99	18	0
10	64QAM	1	49	16.71	16.99	16.77		
10	64QAM	25	0	16.95	16.99	16.89		
10	64QAM	25	12	17.06	16.79	16.93	18	0
10	64QAM	25	25	16.99	16.97	16.9		
10	64QAM	50	0	16.96	16.99	16.91		
10	256QAM	1	0	17.04	17.03	16.99		
10	256QAM	1	24	16.97	16.99	16.93	18	0
10	256QAM	1	49	16.95	16.97	16.91		
10	256QAM	25	0	16.96	17.04	17.03		
10	256QAM	25	12	16.92	16.95	16.99	18	0
10	256QAM	25	25	17.06	16.99	16.93		
10	256QAM	50	0	17.03	16.95	16.99		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2595	2617.5		
5	QPSK	1	0	17.01	17.03	16.97		
5	QPSK	1	12	16.99	16.9	16.99	18	0
5	QPSK	1	24	16.97	16.78	16.99		
5	QPSK	12	0	16.93	16.99	16.97		
5	QPSK	12	7	17.01	16.96	16.9		
5	QPSK	12	13	16.99	16.99	16.93	18	0
5	QPSK	12	25	16.99	16.93	16.93		
5	16QAM	1	0	16.73	16.75	16.93		
5	16QAM	1	12	17.03	16.93	16.93	18	0
5	16QAM	1	24	16.99	16.77	16.71		
5	16QAM	12	0	16.95	16.79	16.99		
5	16QAM	12	7	17.03	16.96	16.79	18	0
5	16QAM	12	13	16.95	17.03	16.93		
5	16QAM	12	25	17.01	16.79	16.75		
5	64QAM	1	0	16.99	16.96	17		
5	64QAM	1	12	16.99	16.97	16.97	18	0
5	64QAM	1	24	16.97	16.95	16.93		
5	64QAM	12	0	16.94	16.96	16.92		
5	64QAM	12	7	17.05	16.79	16.95	18	0
5	64QAM	12	13	17.06	16.95	16.92		
5	64QAM	12	25	17	16.92	16.79		
5	256QAM	1	0	17.01	16.95	16.99		
5	256QAM	1	12	17.04	16.99	17.03	18	0
5	256QAM	1	24	16.99	16.96	16.95		
5	256QAM	12	0	17.03	16.95	17.03		
5	256QAM	12	7	16.97	16.95	16.99	16	0
5	256QAM	12	13	17.04	16.99	17.03		
5	256QAM	12	25	17.01	16.96	16.92		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power 1 TP on Ch [dBm]	Power 2 TP on Ch [dBm]	Power 3 TP on Ch [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2595	2610		
20	QPSK	1	0	24.39	24.45	24.29		
20	QPSK	1	49	24.32	24.17	24.13	26.5	0
20	QPSK	1	99	24.37	24.55	24.56		
20	QPSK	50	0	23.32	23.42	23.10		
20	QPSK	50	24	23.19	23.09	23.02	24.5	1
20	QPSK	50	50	23.26	23.29	23.23		
20	QPSK	100	0	23.12	23.19	23.05		
20	16QAM	1	0	23.01	22.86	23.01		
20	16QAM	1	49	23.19	23.06	22.96	24.5	1
20	16QAM	1	99	22.96	23.04	23.19		
20	16QAM	50	0	22.32	22.04	22.14		
20	16QAM	50	24	22.36	22.32	22.13	23.5	2
20	16QAM	50	50	22.41	22.13	22.19		
20	16QAM	100	0	22.32	22.06	22.07		
20	64QAM	1	0	22.42	22.12	22.03		
20	64QAM	1	49	22.44	21.95	21.92	23.5	2
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11		
20	64QAM	50	24	21.33	21.11	21.15	22.5	3
20	64QAM	50	50	21.44	21.09	21.20		
20	64QAM	100	0	21.48	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44		
20	256QAM	1	49	19.32	19.43	19.34	20.5	5
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33		
20	256QAM	50	24	19.45	19.34	19.39	20.5	5
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37825	38000	38175	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2595	2612.5		
15	QPSK	1	0	24.21	24.42	24.08		
15	QPSK	1	37	24.21	24.11	24.03	26.5	0
15	QPSK	1	74	24.29	23.84	24.07		
15	QPSK	36	0	23.28	23.41	22.99		
15	QPSK	36	20	23.14	23.03	23.02	24.5	1
15	QPSK	36	39	23.27	23.23	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	23.00	22.88	22.89		
15	16QAM	1	37	23.05	22.95	22.81	24.5	1
15	16QAM	1	74	22.98	22.93	23.14		
15	16QAM	36	0	22.27	21.92	22.12		
15	16QAM	36	20	22.33	22.28	22.10	23.5	2
15	16QAM	36	39	22.41	22.04	22.18		
15	16QAM	75	0	22.26	21.96	21.85		
15	64QAM	1	0	22.39	22.06	21.81		
15	64QAM	1	37	22.41	21.93	22.01	23.5	2
15	64QAM	1	74	22.08	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04		
15	64QAM	36	20	21.52	21.03	21.15	22.5	3
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	19.39	19.41	19.44		
15	256QAM	1	37	19.55	19.35	19.26	20.5	5
15	256QAM	1	74	19.23	19.24	19.14		
15	256QAM	36	0	19.22	19.21	19.27		
15	256QAM	36	20	19.35	19.26	19.33	20.5	5
15	256QAM	36	39	19.26	19.42	19.20		
15	256QAM	75	0	19.40	19.39	19.36		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2595	2615		
10	QPSK	1	0	24.26	24.39	24.19		
10	QPSK	1	24	24.25	24.14	24.06	26.5	0
10	QPSK	1	49	24.31	24.62	23.99		
10	QPSK	25	0	23.20	23.42	23.03		
10	QPSK	25	12	23.10	23.20	23.22	24.5	1
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.10	23.02		
10	16QAM	1	0	22.98	22.80	22.96		
10	16QAM	1	24	22.97	22.97	22.91	24.5	1
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.93	22.93	22.97		
10	16QAM	25	12	22.32	22.20	22.11	23.5	2
10	16QAM	25	25	22.37	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	16QAM	50	24	22.33	22.10	22.00		
10	16QAM	25	0	22.37	21.83	21.90	23.5	2
10	16QAM	25	12	22.11	22.10	22.03		
10	16QAM	25	25	21.27	20.99	21.02		
10	16QAM	50	0	21.46	21.06	21.06		
10	16QAM	25	25	21.33	21.03	21.29		
10	16QAM	50	0	21.32	21.03	21.33		
10	256QAM	1	0	19.39	19.40	19.33		
10	256QAM	1	24	19.27	19.36	19.30	20.5	5
10	256QAM	1	49	19.28	19.23	19.14		
10	256QAM	25	0	19.32	19.31	19.28		
10	256QAM	25	12	19.42	19.24	19.25	20.5	5
10	256QAM	25	25	19.29	19.37	19.30		
10	256QAM	50	0	19.34	19.29	19.37		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.32	24.14		
5	QPSK	1	12	24.24	24.10	24.12	26.5	0
5	QPSK	1	24	24.26	24.01	23.95		
5	QPSK	12	0	23.24	23.27	23.05		
5	QPSK	12	7	23.10	23.09	23.05		
5	QPSK	12	13	23.29	23.19	23.22	24.5	1
5	QPSK	12	25	23.11	23.22	23.20		
5	16QAM	1	0	22.93	22.89	22.98		
5	16QAM	1	12	22.93	22.92	22.89	24.5	1
5	16QAM	1	24	22.98	22.89	23.09		
5	16QAM	12	0	22.32	22.10	22.14		
5	16QAM	12	7	22.39	22.23	22.04	23.5	2
5	16QAM	12	13	22.33	22.12	22.19		
5	16QAM	25	0	22.27	21.89	21.95		
5	16QAM	12	25	22.11	22.10	22.03		
5	64QAM	1	0	22.38	21.85	21.89		
5	64QAM	1	12	22.38	21.93	21.93	23.5	2
5	64QAM	1	24	22.08	22.18	22.00		
5	64QAM	12	0	21.29	21.01	21.05		
5	64QAM	12	7	21.40	20.99	21.20	22.5	3
5	64QAM	12	13	21.36	20.99	21.21		
5	64QAM	25	0	21.40	21.06	21.06		
5	256QAM	1	0	19.40	19.39	19.39		
5	256QAM	1	12	19.32	19.33	19.33	20.5	5
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.25	19.20	19.23		
5	256QAM	12	7	19.40	19.25	19.29	20.5	5
5	256QAM	12	13	19.36	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power 1 TP on Ch [dBm]	Power 2 TP on Ch [dBm]	Power 3 TP on Ch [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2595	2610		
20	QPSK	1	0	21.57	21.66	21.68		
20	QPSK	1	49	21.58	21.60	21.50	22.7	0
20	QPSK	1	99	21.50	21.53	21.43		
20	QPSK	50	0	21.50	21.64	21.50		
20	QPSK	50	24	21.58	21.62	21.52	22.7	0
20	QPSK	50	50	21.56	21.63	21.55		
20	QPSK	100	0	21.51	21.63	21.51		
20	16QAM	1	0	21.53	21.65	21.51		
20	16QAM	1	49	21.59	21.64	21.60	22.7	0
20	16QAM	1	99	21.55	21.58	21.45		
20	16QAM	50	0	21.55	21.64	21.64		
20	16QAM	50	24	21.52	21.65	21.62	22.7	0
20	16QAM	50	50	21.59	21.64	21.61

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / Chan Low / Middle	Power [dBm] / Chan Mid / Middle	Power [dBm] / Chan High / Middle	Power [dBm] / Chan Mid / Edge	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	21.66	21.96	21.97	21.93	21.92	
20	QPSK	1	49	21.65	21.96	21.97	21.93	21.92	23
20	QPSK	1	99	21.65	21.96	21.96	21.94	21.93	0
20	QPSK	50	0	20.79	20.86	20.87	20.79	20.70	
20	QPSK	50	24	20.77	20.74	20.80	20.73	20.63	22
20	QPSK	50	50	20.77	20.76	20.79	20.63	20.76	1
20	QPSK	100	0	20.76	20.77	20.80	20.69	20.80	
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.70	
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.73	22
20	16QAM	1	99	20.74	20.84	20.93	20.74	20.69	1
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.68	
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.70	21
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73	2
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.69	
20	64QAM	1	0	19.78	19.85	19.82	19.78	19.67	
20	64QAM	1	49	19.72	19.85	19.82	19.72	19.69	21
20	64QAM	1	99	19.71	19.83	19.77	19.71	19.63	2
20	64QAM	50	0	18.61	18.72	18.74	18.60	18.59	
20	64QAM	50	24	18.64	18.72	18.77	18.61	18.57	20
20	64QAM	50	50	18.71	18.73	18.68	18.63	18.52	3
20	64QAM	100	0	18.61	18.76	18.74	18.62	18.62	
20	256QAM	1	0	18.52	18.68	18.63	18.49	18.51	
20	256QAM	1	49	18.59	18.69	18.72	18.59	18.49	18
20	256QAM	1	99	18.51	18.69	18.72	18.56	18.49	5
20	256QAM	50	0	18.53	18.69	18.73	18.59	18.47	
20	256QAM	50	24	18.51	18.61	18.72	18.49	18.49	18
20	256QAM	50	50	18.61	18.65	18.66	18.54	18.59	5
20	256QAM	100	0	18.69	18.69	18.69	18.49	18.53	
Channel				39725	40160	40595	41030	41465	
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5	
15	QPSK	1	0	21.64	21.96	21.91	21.91	21.93	
15	QPSK	1	37	21.62	21.95	21.97	21.85	21.91	23.00
15	QPSK	1	74	21.68	21.86	21.86	21.89	21.89	0
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.82	
15	QPSK	36	20	20.68	20.74	20.76	20.75	20.70	
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70	22
15	QPSK	75	0	20.70	20.66	20.65	20.76	20.79	1
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.79	
15	16QAM	1	37	20.58	20.71	20.61	20.63	20.69	
15	16QAM	1	74	20.71	20.76	20.78	20.62	20.69	22
15	16QAM	36	0	19.64	19.66	19.72	19.74	19.58	1
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71	
15	16QAM	36	39	19.73	19.66	19.77	19.64	19.62	21
15	16QAM	75	0	19.62	19.67	19.66	19.58	19.66	2
15	64QAM	1	0	19.71	19.77	19.62	19.70	19.59	
15	64QAM	1	37	19.71	19.64	19.62	19.68	19.60	
15	64QAM	1	74	19.66	19.62	19.67	19.64	19.54	21
15	64QAM	36	0	18.57	18.64	18.67	18.60	18.52	
15	64QAM	36	20	18.59	18.64	18.68	18.59	18.52	
15	64QAM	36	39	18.66	18.66	18.67	18.60	18.40	20
15	64QAM	75	0	18.62	18.70	18.61	18.53	18.52	3
15	256QAM	1	0	18.45	18.65	18.62	18.48	18.49	
15	256QAM	1	37	18.53	18.64	18.62	18.49	18.49	
15	256QAM	1	74	18.48	18.66	18.67	18.48	18.39	18
15	256QAM	36	0	18.41	18.58	18.59	18.45	18.46	5
15	256QAM	36	20	18.40	18.53	18.59	18.47	18.47	
15	256QAM	36	39	18.54	18.54	18.59	18.47	18.34	
15	256QAM	75	0	18.54	18.58	18.58	18.47	18.51	
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]
Frequency [MHz]				2501	2544.5	2588	2631.5	2675	
10	QPSK	1	0	21.67	21.96	21.89	21.88	21.90	
10	QPSK	1	25	21.65	21.96	21.93	21.87	21.89	23.00
10	QPSK	1	49	21.65	21.96	21.91	21.87	21.90	0
10	QPSK	25	0	20.70	20.80	20.84	20.73	20.71	
10	QPSK	25	12	20.79	20.65	20.74	20.67	20.76	22
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.76	1
10	QPSK	50	0	20.65	20.76	20.72	20.70	20.73	
10	16QAM	1	0	20.69	20.76	20.77	20.67	20.67	
10	16QAM	1	25	20.68	20.68	20.70	20.69	20.66	22
10	16QAM	1	49	20.70	20.76	20.72	20.68	20.68	1
10	16QAM	25	0	19.67	19.64	19.70	19.69	19.62	
10	16QAM	25	12	19.67	19.70	19.69	19.70	19.70	21
10	16QAM	25	25	19.73	19.69	19.70	19.60	19.73	2
10	16QAM	50	0	19.74	19.79	19.78	19.69	19.69	
10	64QAM	1	0	19.77	19.77	19.73	19.69	19.62	
10	64QAM	1	25	19.79	19.79	19.69	19.69	19.62	21
10	64QAM	1	49	19.73	19.73	19.71	19.69	19.62	2
10	64QAM	25	0	18.63	18.60	18.70	18.49	18.52	
10	64QAM	25	12	18.59	18.69	18.74	18.52	18.47	
10	64QAM	25	25	18.59	18.65	18.68	18.55	18.46	20
10	64QAM	50	0	18.53	18.78	18.68	18.57	18.46	3
10	256QAM	1	0	18.51	18.61	18.59	18.46	18.53	
10	256QAM	1	25	18.57	18.61	18.63	18.53	18.50	
10	256QAM	1	49	18.49	18.59	18.67	18.46	18.46	18
10	256QAM	25	0	18.48	18.63	18.63	18.49	18.43	5
10	256QAM	25	12	18.48	18.57	18.63	18.49	18.43	
10	256QAM	25	25	18.49	18.59	18.63	18.49	18.52	
10	256QAM	50	0	18.49	18.61	18.59	18.49	18.52	
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5	
5	QPSK	1	0	21.62	21.96	21.91	21.91	21.91	
5	QPSK	1	12	21.74	21.97	21.94	21.90	21.92	23.00
5	QPSK	1	24	21.66	21.96	21.96	21.93	21.90	0
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74	
5	QPSK	12	7	20.67	20.63	20.69	20.73	20.70	
5	QPSK	12	13	20.69	20.68	20.69	20.80	20.77	22
5	QPSK	25	0	20.72	20.65	20.77	20.73	20.70	1
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.70	
5	16QAM	1	12	20.67	20.79	20.71	20.64	20.68	
5	16QAM	1	24	20.65	20.77	20.75	20.64	20.66	22
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.66	1
5	16QAM	12	7	19.75	19.76	19.71	19.72	19.69	
5	16QAM	12	13	19.74	19.68	19.68	19.72	19.67	21
5	16QAM	25	0	19.73	19.68	19.66	19.62	19.63	2
5	64QAM	1	0	19.75	19.75	19.70	19.64	19.57	
5	64QAM	1	12	19.73	19.61	19.61	19.67	19.60	
5	64QAM	1	24	19.67	19.74	19.72	19.61	19.53	21
5	64QAM	12	0	18.65	18.73	18.63	18.59	18.49	2
5	64QAM	12	7	18.64	18.72	18.63	18.59	18.47	
5	64QAM	12	13	18.63	18.62	18.62	18.59	18.46	
5	64QAM	25	0	18.61	18.66	18.61	18.51	18.53	
5	256QAM	1	0	18.51	18.63	18.62	18.43	18.47	
5	256QAM	1	12	18.51	18.58	18.59	18.46	18.46	18
5	256QAM	1	24	18.45	18.64	18.70	18.56	18.49	
5	256QAM	12	0	18.52	18.56	18.54	18.39	18.37	
5	256QAM	12	7	18.48	18.57	18.70	18.46	18.46	16
5	256QAM	12	13	18.50	18.62	18.67	18.46	18.45	5
5	256QAM	25	0	18.50	18.62	18.67	18.46	18.45	

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / Chan Low / Middle	Power [dBm] / Chan Mid / Middle	Power [dBm] / Chan High / Middle	Power [dBm] / Chan Mid / Edge	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	17.97	17.49	17.69	17.36	17.24	
20	QPSK	1	49	17.41	17.41	17.29	17.28	17.2	
20	QPSK	1	99	17.38	17.41	17.36	17.34	17.23	
20	QPSK	50	0	17.46	17.56	17.57	17.23	17.21	
20	QPSK	50	24	17.39	17.43	17.34	17.36	17.15	18.5
20	QPSK	50	50	17.47	17.47	17.18	17.33	17.26	0
20	QPSK	100	0	17.53	17.53	17.41	17.56	17.16	
20	16QAM	1	0	17.21	17.34	17.24	17.4	17.35	
20	16QAM	1	49	17.22	17.41	17.24	17.21	17.15	
20	16QAM	1	99	17.12	17.03	17.05	17.35	17.15	
20	16QAM	50	0	17.43	17.4	17.34	17.32	17.22	
20	16QAM	50	24	17.02	17.44	17.41	17.32	17.32	18.5
20	16QAM	50	50	17.05	17.45	17.32	17.32	17.13	0
20	16QAM	100	0	17.02	17.05	17.36	17.07	17.26	
20	64QAM	1	0	17.32	17.49	17.26	17.36	17.03	
20	64QAM	1	49	17.01	16.96	17.32	17.07	16.99	
20	64QAM	1	99	17.09	17.03	17.43	17.36	17.09	18.5
20	64QAM	50	0	17.46	17.36	17.3	17.35	17.36	0
20	64QAM	50	24	17.01	17.43	17.3	17.36	17.26	
20	64QAM	50	50	17.01	17.54	17.42	17.37	17.33	
20	64QAM	100	0	17.01	17.46	17.36	17.36	17.26	
20	256QAM	1	0	17.03	17.43	17.02	17.47	17.39	
20	256QAM	1	49	17.03	17.43	17.02	17.47	17.39	18.5
20	256QAM	1	99	17.47	17.39	17.02	17.33	17.47	
20	256QAM	50	0	17.53	17.38	17.02	17.05	17.38	
20	256QAM	50	24	17.58	17.44	17.32	17.54	17.39	18.5
20	256QAM	50	50	17.55	17.38	17.39	17.41	17.23	0
20	256QAM	100	0	17.54	17.42	17.23	17.54	17.24	
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5	
15	QPSK	1	0	17.93	17.36	17.6	17.26	17.25	
15	QPSK	1	37	17.39	17.3	17.19	17.24	17.15	18.59
15	QPSK	1	74	17.3	17.32	17.05	17.03	17.3	0
15	QPSK	36	0	17.35	17.47	17.5	17.13	17.16	
15	QPSK	36	20	17.33	17.51	17.51	17.15	17.22	
15	QPSK	36	39	17.43	17.45	17.13	17.22	17.16	18.5
15	QPSK	75	0	17.33	17.41	17.33	17.2	17.23	0
15	16QAM	1	0	17.27	17.22	17.22	17.38	17.23	
15	16QAM	1	37	17.27	17.32	17.22	17.36	17.23	
15	16QAM	1	74	17.24	17.11	17.01	17.24	17.11	18.5
15	16QAM	36	0	17.07	16.91	17.03	17.24	17.11	
15	16QAM	36	20	17.01	16.99	17.11	17.26	17.15	
15	16QAM	36	39	17.6	17.32	17.31	17.26	17.23	18.5
15	16QAM	75	0	17.46	17.39	17.26	17.15	17.2	0
15	64QAM	1	0	17.46	17.52	17.26	17.15	17.15	
15	64QAM	1	37	17.59	17.52	17.27	16.99	16.96	
15	64QAM	1	74	17.46	17.46	17.32	17.26	16.99	18.5
15	64QAM	36	0	17.4	17.29	17.23	17.22	17.29	
15	64QAM	36	20	17.46	17.44	17.22	17.22	17.13	
15	64QAM	36	39	17.46	17.42	17.39	17.33	17.26	18.5
15	64QAM	75	0	17.43	17.39	17.33	17.22	17.26	0
15	256QAM	1	0	17.42	17.34	17.39	17.37	17.22	
15	256QAM	1	37	17.43	17.34	17.39	17.37	17.22	
15	256QAM	1	74	17.42	17.26	17.42	17.29	17.29	18.5
15	256QAM	36	0	17.43	17.35	17.51	17.32	17.47	0
15	256QAM	36	20	17.56	17.42	17.25	17.47	17.47	
15	256QAM	36	39	17.43	17.39	17.42	17.32	17.45	18.5
15	256QAM	75	0	17.45	17.32	17.12	17.44	17.49	0
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]
Frequency [MHz]				2501	2544.5	2588	2631.5	2675	
10	QPSK	1	0	17.93	17.29	17.57	17.25	17.28	
10	QPSK	1	25	17.37	17.34	17.19	17.23	17.28	18.59
10	QPSK	1	49	17.39	17.39	17.29	17.24	17.28	0
10	QPSK	25	0	17.37	17.49	17.52	17.2	17.14	
10	QPSK	25	12	17.3	17.32	17.05	17.03	17.3	
10	QPSK	25	25	17.46	17.36	17.07	17.03	17.26	18.5
10	QPSK	50	0	17.51	17.51	17.46	17.16	17.26	0
10	16QAM	1	0	17.19	17.3	17.16	17.31	17.26	
10	16QAM	1	25	17.22	17.34	17.16	17.31	17.26	
10	16QAM	1	49	17.09	17.01	17.02	17.03	17.09	18.5
10	16QAM	25	0	17.02	17.07	17.13	17.03	17.16	0
10	16QAM	25	12	17.07	17.34	17.24	17.26	17.26	
10	16QAM	25	25	17.02	17.32	17.24	17.26	17.26	
10	16QAM	50	0	17.43	17.52	17.33	17.26	17.24	18.5
10	64QAM	1	0	17.43	17.32	17.33	17.26	17.24	0
10	64QAM	1	25	17.5	16.89	17.29	17.36	16.97	
10	64QAM	1	49	17.39	17.41	17.39	17.36	17.26	
10	64QAM	25	0	17.33	17.33	17.25	17.16	17.26	18.5
10	64QAM	25	12	17.09	17.36	17.16	17.16	17.26	0
10	64QAM	25	25	17.48	17.33	17.35	17.26	17.26	
10	64QAM	50	0	17.46	17.43	17.39	17.26	17.26	
10	256QAM	1	0	17.42	17.32	17.31	17.26	17.51	18.5
10	256QAM	1	25	17.24	17.34	17.48	17.29	17.49	0
10	256QAM	1	49	17.33	17.23	17.45	17.26	17.49	
10	256QAM	25	0	17.46	17.36	17.53	17.32	17.49	
10	256QAM	25	12	17.56	17.34	17.25	17.31	17.52	18.5
10	256QAM	25	25	17.46	17.36	17.44	17.29	17.49	0
10	256QAM	50	0	17.51	17.34	17.12	17.46	17.45	
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5	
5	QPSK	1	0	17.91	17.48	17.6	17.41	17.24	
5	QPSK	1	12	17.39	17.39	17.18	17.18	17.37	18.59
5	QPSK	1	24	17.39	17.36	17.31	17.28	17.26	0
5	QPSK	12	0	17.38	17.46	17.52	17.21	17.08	
5	QPSK	12	7	17.31	17.36	17.27	17.27	17.2	
5	QPSK	12	13	17.43	17.4	17.16	17.26	17.16	18.5
5	QPSK	25	0	17.33	17.36	17.31	17.26	17.16	0
5	16QAM	1	0	17.27	17.3	17.15	17.34	17.28	
5	16QAM	1	12	17.36	17.03	17.27	17.34	17.16	
5	16QAM	1	24	17.04	16.93	17.03	17.23	17.05	18.5
5	16QAM	12	0	17.09	17.07	17.01	17.26	17.05	0
5	16QAM	12	7	17.01	17.39	17.34	17.26	17.09	
5	16QAM	12	13	17.09	17.03	17.16	17.26	17.09	
5	16QAM	25	0	17.47	17.46	17.3	17.2	17.2	18.5
5	64QAM	1	0	17.39	17.31	17.27	17.26	17.33	
5	64QAM	1	12	17.49	16.93	17.29	17.03	16.98	
5	64QAM	1	24	17.46	17.36	17.36	17.41	17.29	18.5
5	64QAM	12	0	17.37	17.26	17.2	17.16	17.23	0
5	64QAM	12	7	17.39	17.31	17.27	17.26	17.23	
5	64QAM	12	13	17.45	17.49	17.33	17.26	17.29	
5	64QAM	25	0	17.46	17.46	17.34	17.16	17.2	18.5
5	256QAM	1	0	17.44	17.36	17.09	17.43	17.04	
5	256QAM	1	12	17.43	17.36	17.46	17.26	17.29	
5	256QAM	1	24	17.43	17.36	17.46	17.43	17.49	18.5
5	256QAM	12	0	17.49	17.36	17.46	17.43	17.49	
5	256QAM	12	7	17.49	17.36	17.16	17.51	17.49	
5	256QAM	12	13	17.49	17.36	17.16	17.51	17.49	18.5
5	256QAM	25	0	17.49	17.36	17.16	17.51	17.49	

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / Chan Low / Middle	Power [dBm] / Chan Mid / Middle	Power [dBm] / Chan High / Middle	Power [dBm] / Chan Mid / Edge	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	23.88	24.31	24.06	24.32	24.15	
20	QPSK	1	49	24.13	24.36	23.97	24.07	24.29	25.0
20	QPSK	1	99	23.89	24.18	24.06	23.96	24.05	0
20	QPSK	50	0	23.02	23.38	23.47	23.21	23.25	
20	QPSK	50	24	23.04	23.41	23.52	23.33	23.23	24.5
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21	1
20	QPSK	100	0	23.09	23.39	23.41	23.53	23.42	
20	16QAM	1	0	22.99	23.39	23.65	23.53	23.42	
20	16QAM	1	49	23.06	23.18	23.40	23.34	23.18	24.5
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23	1
20	16QAM	50	0	21.98	22.38	22.19	22.36	22.25	
20	16QAM	50	24	22.19	22.54	22.28	22.31	22.28	23.5
20	16QAM	50	50	22.05	22.46	22.32	22.32	22.28	2
20	16QAM	100	0	22.06	22.43	22.25	22.31	22.28	
20	64QAM	1	0	21.90	22.39	22.43	22.32	22.28	
20	64QAM	1	49	22.19	22.36	22.06	21.94	22.02	23.0
20	64QAM	1	99	21.97	22.15	22.14	22.06	21.75	2
20	64QAM	50	0	20.98	21.45	21.19	21.22	21.25	
20	64QAM	50	24	20.94	21.42	21.11	21.29	21.28	22.5
20	64QAM	50	50	21.17	21.32	21.26	21.25	21.22	3
20	64QAM	100	0	20.98	21.38	21.30	21.25	21.19	
20	256QAM	1	0	19.53	19.96	19.70	19.65	19.60	
20	256QAM	1	49	19.14	19.34	19.42	19.16	19.19	20.5
20	256QAM	1	99	19.36	19.38	19.46	19.39	19.46	5
20	256QAM	50	0	19.46	19.31	19.64	19.39	19.28	
20	256QAM	50	24	19.02	19.01	19.64	19.53	19.48	20.5
20	256QAM	50	50	19.34	19.33	19.47	19.41	19.45	5
20	256QAM	100	0	19.02	19.48	19.01	19.53	19.37	
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5	
15	QPSK	1	0	24.02	24.36	24.08	24.07	24.25	
15	QPSK	1	37	24.22	24.38	24.04	24.11	24.38	25.59
15	QPSK	1	74	23.77	24.27	24.04	24.06	24.13	0
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27	
15	QPSK	36	20	23.10	23.46	23.47	23.25	23.26	
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28	24.5
15	QPSK	75	0	23.10	23.46	23.22	23.38	23.26	1
15	16QAM	1	0	23.01	23.39	23.67	23.58	23.51	
15	16QAM	1	37	23.11	23.15	23.51	23.45	23.25	
15	16QAM	1	74	23.74	23.11	23.51	23.11	23.30	
15	16QAM	36	0	21.99	22.40	22.27	22.36	22.26	24.5
15	16QAM	36	20	22.27	22.59	22.40	22.36	22.31	1
15	16QAM	36	39	22.10	22.52	22.32	22.36	22.31	
15	16QAM	75	0	22.15	22.52	22.35	22.31	22.31	
15	64QAM	1	0	22.01	22.46	22.27	22.32	22.26	
15	64QAM	1	37	22.26	22.42	22.17	21.91	22.07	23.5
15	64QAM	1	74	21.98	22.40	22.19	22.16	21.98	2
15	64QAM	36	0	21.03	21.46	21.27	21.33	21.28	
15	64QAM	36	20	21.01	21.39	21.28	21.32	21.32	
15	64QAM	36	39	21.29	21.33	21.30	21.26	21.28	22.5
15	64QAM	75	0	21.01	21.39	21.42	21.32	21.32	3
15	256QAM	1	0	19.02	19.37	19.79	19.66	19.63	
15	256QAM	1	37	19.02	19.37	19.79	19.66	19.63	
15	256QAM	1	74	19.46	19.42	19.57	19.47	19.52	20.5
15	256QAM	36	0	19.03	19.35	19.55	19.47	19.52	5
15	256QAM	36	20	19.02	19.35	19.79	19.66	19.54	
15	256QAM	36	39	19.44	19.32	19.55

Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	21.40	21.31	21.37		
20	QPSK	1	49	21.20	21.32	21.24	23	0
20	QPSK	50	0	21.46	21.38	21.34		
20	QPSK	50	24	21.46	21.48	21.35		
20	QPSK	50	49	21.47	21.4	21.31	23	0
20	QPSK	50	50	21.31	21.25	21.19		
20	QPSK	100	0	21.39	21.41	21.35		
20	16QAM	1	0	21.35	21.21	21.15		
20	16QAM	1	49	21.32	21.33	21.24	23	0
20	16QAM	50	0	20.3	20.84	20.77		
20	16QAM	50	24	21.03	20.88	20.77	22.5	0.5
20	16QAM	50	49	20.98	20.83	20.7		
20	16QAM	100	0	20.98	20.82	20.73		
20	64QAM	1	0	20.93	20.81	20.68		
20	64QAM	1	49	20.97	20.91	20.81	22.5	0.5
20	64QAM	50	0	20.83	20.86	20.75		
20	64QAM	50	24	19.91	19.86	19.76		
20	64QAM	50	49	19.95	19.81	19.76	21.5	1.5
20	64QAM	50	50	19.76	19.72	19.69		
20	64QAM	100	0	19.98	19.82	19.77		
20	256QAM	1	0	18.26	18.26	18.09		
20	256QAM	1	49	18.19	18.26	18.11	19.5	3.5
20	256QAM	1	99	18.26	18.14	18.06		
20	256QAM	50	0	18.06	18.01	17.82		
20	256QAM	50	24	17.97	17.92	17.82	19.5	3.5
20	256QAM	50	49	18.06	18.07	18.06		
20	256QAM	100	0	17.97	17.99	17.83		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3497.5	3537.5		
15	QPSK	1	0	21.27	21.43	21.19		
15	QPSK	1	37	21.29	21.26	21.19	23	0
15	QPSK	1	74	21.27	21.31	21.2		
15	QPSK	36	0	21.35	21.42	21.26		
15	QPSK	36	20	21.27	21.35	21.25	23	0
15	QPSK	36	39	21.21	21.24	21.09		
15	QPSK	75	0	21.3	21.36	21.12		
15	16QAM	1	0	21.27	21.13	21.09		
15	16QAM	1	37	21.25	21.1	21.15	23	0
15	16QAM	1	74	21.25	21.3	21.11		
15	16QAM	36	0	20.85	20.72	20.72		
15	16QAM	36	20	20.91	20.79	20.75	22.5	0.5
15	16QAM	36	39	20.82	20.8	20.68		
15	16QAM	75	0	20.7	20.77	20.71		
15	64QAM	1	0	20.74	20.68	20.56		
15	64QAM	1	37	20.82	20.81	20.76	22.5	0.5
15	64QAM	1	74	20.79	20.75	20.58		
15	64QAM	36	0	19.81	19.76	19.63		
15	64QAM	36	20	19.82	19.75	19.74	21.5	1.5
15	64QAM	36	39	19.74	19.66	19.66		
15	64QAM	75	0	19.82	19.76	19.73		
15	256QAM	1	0	18.21	18.09	17.95		
15	256QAM	1	37	18.16	18.15	18.03	19.5	3.5
15	256QAM	1	74	18.12	18.09	17.95		
15	256QAM	36	0	17.86	17.91	17.85		
15	256QAM	36	20	17.92	17.90	17.85	19.5	3.5
15	256QAM	36	39	17.92	18.01	17.96		
15	256QAM	75	0	17.95	17.91	17.77		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3505	3545		
10	QPSK	1	0	21.4	21.46	21.24		
10	QPSK	1	24	21.22	21.24	21.18	23	0
10	QPSK	1	49	21.26	21.31	21.15		
10	QPSK	25	0	21.42	21.35	21.16	23	0
10	QPSK	25	24	21.18	21.13	21.07		
10	QPSK	25	49	21.25	21.33	21.14		
10	QPSK	50	0	21.25	21.09	21.06		
10	QPSK	50	24	21.25	21.17	21.06	23	0
10	16QAM	1	0	21.19	21.2	21.14		
10	16QAM	1	24	20.99	20.73	20.7		
10	16QAM	1	49	20.99	20.85	20.74	22.5	0.5
10	16QAM	25	0	20.82	20.72	20.68		
10	16QAM	25	24	20.83	20.8	20.71		
10	16QAM	25	49	20.83	20.72	20.62		
10	16QAM	50	0	20.89	20.82	20.72		
10	16QAM	50	24	20.81	20.82	20.62		
10	64QAM	1	0	19.89	19.77	19.66		
10	64QAM	1	24	19.82	19.74	19.68	21.5	1.5
10	64QAM	1	49	19.75	19.65	19.56		
10	64QAM	25	0	19.82	19.74	19.75		
10	64QAM	25	24	19.76	19.74	19.56		
10	64QAM	25	49	19.77	19.72	19.68	19.5	3.5
10	64QAM	50	0	19.82	19.82	19.68		
10	64QAM	50	24	17.96	17.96	17.85		
10	64QAM	50	49	17.95	17.79	17.76	19.5	3.5
10	64QAM	50	50	17.85	17.82	17.82		
10	64QAM	100	0	17.85	17.95	17.75		
Channel				42115	42565	43015	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	21.42	21.42	21.12		
5	QPSK	1	12	21.38	21.29	21.16	23	0
5	QPSK	1	24	21.43	21.28	21.12		
5	QPSK	12	0	21.37	21.37	21.3		
5	QPSK	12	7	21.35	21.34	21.28	23	0
5	QPSK	12	13	21.23	21.13	21.14		
5	QPSK	12	24	21.26	21.4	21.12		
5	16QAM	1	0	21.22	21.17	21.09		
5	16QAM	1	12	21.22	21.1	21.07	23	0
5	16QAM	1	24	21.21	21.2	21.11		
5	16QAM	12	0	20.8	20.73	20.66		
5	16QAM	12	7	20.96	20.86	20.68	22.5	0.5
5	16QAM	12	13	20.76	20.83	20.68		
5	16QAM	12	24	20.78	20.75	20.67		
5	64QAM	1	0	20.77	20.72	20.57		
5	64QAM	1	12	20.94	20.83	20.79	22.5	0.5
5	64QAM	1	24	20.77	20.68	20.62		
5	64QAM	12	0	19.89	19.84	19.66		
5	64QAM	12	7	19.92	19.73	19.68	21.5	1.5
5	64QAM	12	13	19.88	19.89	19.54		
5	64QAM	12	24	19.84	19.73	19.74		
5	256QAM	1	0	18.16	18.15	18.07		
5	256QAM	1	12	18.17	18.12	18.01	19.5	3.5
5	256QAM	1	24	18.11	18.03	17.88		
5	256QAM	12	0	17.97	17.92	17.81		
5	256QAM	12	7	17.94	17.87	17.73		
5	256QAM	12	13	17.95	17.96	17.86	19.5	3.5
5	256QAM	12	24	17.88	17.91	17.72		

Band 42_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	20.92	20.92	20.82		
20	QPSK	1	49	20.83	20.97	20.84	22.5	0
20	QPSK	50	0	20.81	20.92	20.82		
20	QPSK	50	24	20.83	20.97	20.82		
20	QPSK	50	49	20.79	20.96	20.81	22.5	0
20	QPSK	50	50	20.67	20.87	20.82		
20	QPSK	100	0	20.88	20.96	20.89		
20	16QAM	1	0	20.73	20.87	20.82		
20	16QAM	1	49	20.68	20.84	20.83	22.5	0
20	16QAM	50	0	20.76	20.81	20.73		
20	16QAM	50	24	20.77	20.92	20.85		
20	16QAM	50	49	20.69	20.95	20.91	22.5	0
20	16QAM	100	0	20.77	20.87	20.83		
20	16QAM	100	0	20.91	20.92	20.92		
20	64QAM	1	0	20.73	20.82	20.81		
20	64QAM	1	49	20.79	20.84	20.82	22.5	0
20	64QAM	50	0	20.82	20.87	20.77		
20	64QAM	50	0	20.76	20.84	20.88		
20	64QAM	50	24	20.86	20.96	20.89	22.5	0
20	64QAM	50	50	20.77	20.84	20.91		
20	64QAM	100	0	20.89	20.92	20.91		
20	256QAM	1	0	19.41	19.47	19.38		
20	256QAM	1	49	19.46	19.55	19.43	20.7	1.5
20	256QAM	1	99	19.37	19.43	19.41		
20	256QAM	50	0	19.24	19.26	19.26		
20	256QAM	50	24	19.33	19.43	19.35	20.7	1.5
20	256QAM	50	49	19.36	19.37	19.37		
20	256QAM	100	0	19.33	19.46	19.35		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3500	3542.5		
15	QPSK	1	0	20.96	20.92	20.81		
15	QPSK	1	37	20.79	20.89	20.71	22.5	0
15	QPSK	1	74	20.89	20.91	20.79		
15	QPSK	36	0	20.76	20.92	20.75		
15	QPSK	36	20	20.88	20.95	20.89	22.5	0
15	QPSK	36	39	20.92	20.79	20.74		
15	QPSK	75	0	20.79	20.95	20.85		
15	16QAM	1	0	20.67	20.84	20.74		
15	16QAM	1	37	20.82	20.71	20.76	22.5	0
15	16QAM	1	74	20.69	20.76	20.62		
15	16QAM	36	0	20.69	20.85	20.77		
15	16QAM	36	20	20.90	20.92	20.84	22.5	0
15	16QAM	36	39	20.73	20.81	20.72		
15	16QAM	75	0	20.88	20.87	20.82		
15	64QAM	1	0	20.82	20.87	20.71		
15	64QAM	1	37	20.74	20.79	20.78	22.5	0
15	64QAM	1	74	20.72	20.82	20.72		
15	64QAM	36	0	20.73	20.88	20.78		
15	64QAM	36	20	20.82	20.88	20.82	22.5	0
15	64QAM	36	39	20.75	20.73	20.79		
15	64QAM	75	0	20.75	20.82	20.84		
15	256QAM	1	0	19.28	19.34	19.28		
15	256QAM	1	37	19.31	19.35	19.29	20.7	1.5
15	256QAM	1	74	19.34	19.36	19.28		
15	256QAM	36	0	19.25	19.34	19.27		
15	256QAM	36	20	19.31	19.33	19.27	20.7	1.5
15	256QAM	36	39	19.39	19.32	19.28		
15	256QAM	75	0	19.29	19.36	19.23		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3535		
10	QPSK	1	0	20.96	20.94	20.82		
10	QPSK	1	24	20.78	20.89	20.79	22.5	0
10	QPSK	1	49	20.89	20.96	20.84		
10	QPSK	25	0	20.77	20.95	20.77		
10	QPSK	25	24	20.70	20.93	20.87	22.5	0
10	QPSK	25	49	20.64	20.91	20.76		
10	QPSK	50	0	20.88	20.92	20.79		
10	16QAM	1	0	20.62	20.76	20.73		
10	16QAM	1	24	20.62	20.86	20.77	22.5	0
10	16QAM	1	49	20.71	20.76	20.67		
10	16QAM	25	0	20.80	20.86	20.86		
10	16QAM	25	24	20.68	20.79	20.79	22.5	0
10	16QAM	25	49	20.63	20.89	20.86		
10	16QAM	50	0	20.79	20.79	20.78		
10	64QAM	1	0	20.73	20.89	20.78		
10	64QAM	1	24	20.79	20.83	20.77	22.5	0
10	64QAM	1	49	20.74	20.88	20.78		
10	64QAM	25	0	20.76	20.83	20.77		
10	64QAM	25	24	20.73	20.79	20.72	22.5	0
10	64QAM	25	49	20.62	20.83	20.72		
10	64QAM	50	0	20.82	20.83	20.72		
10	256QAM	1	0	19.34	19.36	19.36		
10	256QAM	1	24	19.37	19.33	19.36	20.7	1.5
10	256QAM	1	49	19.28	19.36	19.36		
10	256QAM	25	0	19.29	19.33	19.36		
10	256QAM	25	24	19.29	19.36	19.28	20.7	1.5
10	256QAM	25	49	19.28	19.34	19.35		
10	256QAM	50	0	19.22	19.39	19.29		
Channel				42115	42565	43015	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	20.98	20.96	20.85		
5	QPSK	1	12	20.70	20.92	20.82	22.5	0
5	QPSK	1	24	20.79	20.89	20.81		
5	QPSK	12	0	20.72	20.89	20.77		
5	QPSK	12	7	20.74	20.96	20.84	22.5	0
5	QPSK	12	13	20.68	20.83	20.72		
5	QPSK	12	24	20.70	20.94	20.81		
5	16QAM	1	0	20.66	20.77	20.71		
5	16QAM	1	12	20.80	20.72	20.72	22.5	0
5	16QAM	1	24	20.71	20.76	20.66		
5	16QAM	12	0	20.68	20.84	20.82		
5	16QAM	12	7	20.79	20.85	20.82	22.5	0
5	16QAM	12	13	20.66	20.84	20.73		
5	16QAM	12	24	20.69	20.84	20.86		
5	64QAM	1	0	20.61	20.82	20.68		
5	64QAM	1	12	20.69	20.81	20.86	22.5	0
5	64QAM	1	24	20.70	20.81	20.73		
5	64QAM	12	0	20.75	20.82	20.78		
5	64QAM	12	7	20.61	20.81	20.81	22.5	0
5	64QAM	12	13	20.69	20.73	20.73		
5	64QAM	12	24	20.61	20.86	20.75		
5	256QAM	1	0	19.30	19.40	19.36		
5	256QAM	1	12	19.38	19.36	19.35	20.7	1.5
5	256QAM	1	24	19.33	19.36	19.28		
5	256QAM	12	0	19.32	19.35	19.32		
5	256QAM	12	7	19.24	19.33	19.28	20.7	1.5
5	256QAM	12	13	19.28	19.36	19.28		
5	256QAM	12	24	19.30	19.48	19.28		

Band 42_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	19.12	19.18	19.12		
20	QPSK	1	49	19.06	19.01	19.09	20	0
20	QPSK	50	0	19.06	19.16	19.04		
20	QPSK	50	24	19.09	19.04	19.04		
20	QPSK	50	49	19.06	18.96	19.13	20	0
20	QPSK	50	50	19.07	19.08	19.04		
20	QPSK	100	0	19.05	18.96	19.07		
20	16QAM	1	0	19.05	18.96	19.09		
20	16QAM	1	49	19.06	18.96	19.09	20	0
20	16QAM	50	0	19.05	18.96	19.05		
20	16QAM	50	24	19.06	18.96	19.05	20	0
20	16QAM	50	49	19.05	18.96	19.08		
20	16QAM	100	0	19.06	18.97	19.02		
20	64QAM	1	0	19.03	19.03	19.02		
20	64QAM	1	49	19.04	19.04	19.02	20	0
20	64QAM	50	0	19.04	19.01	19.09		
20	64QAM	50	24	19.04	19.03	19.06		
20	64QAM	50	49	19.02	19.06	19.05	20	0
20	64QAM	50	50	19.02	19.06	19.05		
20	64QAM	100	0	19.03	19.03	19.02		
20	256QAM	1	0	18.06	18.06	18.05		
20	256QAM	1	49	18.06	18.03	18.07	20	0
20	256QAM	1	99	18.06	18.06	18.05		
20	256QAM	50	0	18.04	18.03	18.04		
20	256QAM	50	24	18.03	18.05	18.04	20	0
20	256QAM	50	49	18.06	18.06	18.06		
20	256QAM	100	0	18.03	18.06	18.01		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3500	3542.5		
15	QPSK	1	0	18.96	19.04	19.03		
15	QPSK	1	37	19.06	18.96	18.96	20	0
15	QPSK	1	74	18.92	18.93	18.96		
15	QPSK	36	0	19.00	19.04	18.98		
15	QPSK	36	20	18.91	18.96	18.89	20	0
15	QPSK	36	39	18.86	18.98	19.02		
15	QPSK	75	0	18.94	19.01	18.93		
15	16QAM	1	0	18.92	18.98	18.92		
15	16QAM	1	37	18.96	18.96	18.95	20	0
15	16QAM	1	74	18.94	18.98	18.96		
15	16QAM	36	0	18.93	18.91	18.93		
15	16QAM	36	20	18.86	18.94	18.98	20	0
15	16QAM	36	39	18.89	18.96	18.96		
15	16QAM	75	0	18.93	18.96	18.95		
15	64QAM	1	0	18.91	18.98	18.92		
15	64QAM	1	37	18.96	18.89	18.92	20	0
15	64QAM	1	74	18.90	18.96	18.93		
15	64QAM	36	0	18.90	18.87	18.96		
15	64QAM	36	20	18.91	18.97	18.98	20	0
15	64QAM	36	39	18.89	18.85	18.93		
15	64QAM	75	0	18.90	18.97	18.96		
15	256QAM	1	0	18.63	18.65	18.66		
15	256QAM	1	37	18.61	18.66	18.66	20	0
15	256QAM	1	74	18.66	18.69	18.63		
15	256QAM	36	0	18.65	18.64	18.68		
15	256QAM	36	20	18.62	18.64	18.64	20	0
15	256QAM	36	39	18.60	18.67	18.66		
15	256QAM	75	0	18.60	18.67	18.66		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3535		
10	QPSK	1	0	19.03	19.16	19.02		
10	QPSK	1	24	19.01	18.92	18.98	20	0
10	QPSK	1	49	18.90	18.94	18.94		
10	QPSK	25	0	18.86	19.00	18.94		
10	QPSK	25	24	18.93	18.91	19.00	20	0
10	QPSK	25	49	18.92	18.96	18.94		
10	QPSK	50	0	18.99	18.97	18.95		
10	16QAM	1	0	18.99	18.97	18.96		
10	16QAM	1	24	18.90	18.96	18.95	20	0
10	16QAM	1	49	18.97	18.94	19.03		
10	16QAM	25	0	18.95	18.96	18.95		
10	16QAM	25	12	18.90	18.97	19.00	20	0
10	16QAM	25	24	18.92	18.96	19.01		
10	16QAM	50	0	18.95	18.97	18.89		
10	64QAM	1	0	18.91	18.96	18.88		
10	64QAM	1	24	18.91	18.92	18.88	20	0
10	64QAM	1	49	18.97	18.94	18.92		
10	64QAM	25	0	18.95	18.96	18.91		
10	64QAM	25	12	18.92	18.96	18.91	20	0
10	64QAM	25	24	18.91	18.92	18.97		
10	64QAM	50	0	18.92	18.90	18.92		
10	64QAM	50	0	18.91	18.94	18.93		
Channel				42115	42565	43015	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	19.02	19.10	19.00		
5	QPSK	1	12	18.97	18.94	18.95	20	0
5	QPSK	1	24	18.96	18.98	18.91		
5	QPSK	12	0	18.99	19.03	18.97		
5	QPSK	12	7	18.90	18.98	18.94	20	0
5	QPSK	12	13	18.89	18.86	18.91		
5	QPSK	12	24	18.93	18.96	18.97		
5	16QAM	1	0	18.98	18.90	18.95		
5	16QAM	1	12	18.90	18.98	18.94	20	0
5	16QAM	1	24	18.98	18.97	18.94		
5	16QAM	12	0	18.90	18.97	18.99		
5	16QAM	12	7	18.90	18.97	18.99	20	0
5	16QAM	12	13	18.90	18.85	18.97		
5	16QAM	12	24	18.91	18.92	18.93		
5	64QAM	1	0	18.89	18.93	18.89		
5	64QAM	1	12	18.90	18.93	18.96	20	0
5	64QAM	1	24	18.94	18.93	18.96		
5	64QAM	12	0	18.90	18.92	18.95		
5	64QAM	12	7	18.90	18.96	18.98	20	0
5	64QAM	12	13	18.88	18.89	18.98		
5	64QAM	12	24	18.92	18.96	18.96		
5	256QAM	1	0	18.62	18.61	18.64		
5	256QAM	1	12	18.62	18.64	18.64	20	0
5	256QAM	1	24	18.62	18.64	18.64		
5	256QAM	12	0	18.62	18.64	18.64		
5	256QAM	12	7	18.62	18.64	18.64	20	0
5	256QAM	12	13	18.60	18.67	18.66		
5	256QAM	12	24	18.60	18.67	18.66		

Band 42_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Power [dBm] QLTDesg	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	23.94	23.97	23.89		
20	QPSK	1	49	23.22	23.42	23.16	25	0
20	QPSK	50	0	23.06	23.28	23.03		
20	QPSK	50	0	22.29	22.52	22.25		
20	QPSK	50	24	22.25	22.45	22.21	24	1
20	QPSK	50	49	22.16	22.38	22.14		
20	QPSK	50	50	22.28	22.47	22.22		
20	16QAM	1	0	22.24	22.43	22.18		
20	16QAM	1	49	22.23	22.41	22.19	24	1
20	16QAM	50	0	22.16	22.35	22.12		
20	16QAM	50	0	21.28	21.48	21.21		
20	16QAM	50	24	21.26	21.47	21.21	23	2
20	16QAM	50	49	21.18	21.38	21.13		
20	16QAM	100	0	21.24	21.46	21.23		
20	16QAM	100	0	21.18	21.36	21.13		
20	64QAM	1	0	21.29	21.51	21.25	23	2
20	64QAM	1	49	21.21	21.40	21.13		
20	64QAM	50	0	19.94	20.14	19.88		
20	64QAM	50	24	20.24	20.44	20.19	22	3
20	64QAM	50	50	20.16	20.37	20.14		
20	64QAM	100

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power High Mode [dBm]	Power [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3691	3648	3696	
20	QPSK	1	0	21.50	21.51	21.50	21.57	
20	QPSK	1	49	21.07	21.42	21.40	21.27	23
20	QPSK	1	99	21.38	21.51	21.40	21.36	
20	QPSK	50	0	21.09	21.60	21.39	21.36	
20	QPSK	50	24	21.38	21.49	21.40	21.23	23
20	QPSK	50	50	21.09	21.42	21.39	21.24	
20	QPSK	100	0	21.38	21.50	21.43	21.36	
20	16QAM	1	0	21.04	21.47	21.44	21.36	
20	16QAM	1	49	21.38	21.45	21.43	21.31	23
20	16QAM	1	99	21.03	21.04	21.52	21.32	
20	16QAM	50	0	20.06	20.23	20.32	20.31	
20	16QAM	50	24	20.71	20.62	20.62	20.35	22
20	16QAM	50	50	20.08	20.47	20.47	20.35	
20	16QAM	100	0	20.07	20.04	20.59	20.42	
20	64QAM	1	0	20.05	20.43	20.39	20.23	
20	64QAM	1	49	20.03	20.44	20.40	20.19	22
20	64QAM	1	99	20.02	20.41	20.40	20.23	
20	64QAM	50	0	19.62	19.47	19.49	19.37	
20	64QAM	50	24	19.66	19.53	19.53	19.34	21
20	64QAM	50	50	19.68	19.50	19.49	19.37	
20	64QAM	100	0	19.73	19.61	19.53	19.40	
20	256QAM	1	0	17.65	17.54	17.51	17.29	
20	256QAM	1	49	17.66	17.54	17.52	17.32	19
20	256QAM	1	99	17.53	17.40	17.40	17.29	
20	256QAM	50	0	17.66	17.48	17.52	17.37	
20	256QAM	50	24	17.69	17.53	17.59	17.34	19
20	256QAM	50	50	17.63	17.41	17.42	17.23	
20	256QAM	100	0	17.59	17.43	17.46	17.28	
Channel				55115	55465	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3657.5	3688	3657.5	3692.5	
15	QPSK	1	0	21.52	21.58	21.40	21.27	
15	QPSK	1	37	21.46	21.39	21.31	21.14	23
15	QPSK	1	74	21.51	21.49	21.40	21.36	
15	QPSK	36	0	21.50	21.49	21.39	21.30	
15	QPSK	36	20	21.52	21.43	21.37	21.23	23
15	QPSK	36	39	21.49	21.33	21.28	21.26	
15	QPSK	75	0	21.50	21.47	21.37	21.10	
15	16QAM	1	0	21.51	21.39	21.40	21.26	
15	16QAM	1	37	21.47	21.38	21.40	21.23	23
15	16QAM	1	74	21.49	21.49	21.49	21.19	
15	16QAM	36	0	20.56	20.47	20.46	20.32	
15	16QAM	36	20	20.63	20.57	20.50	20.34	22
15	16QAM	36	39	20.55	20.40	20.46	20.34	
15	16QAM	75	0	20.54	20.43	20.40	20.32	
15	64QAM	1	0	20.40	20.30	20.30	20.16	
15	64QAM	1	37	20.48	20.41	20.30	20.06	22
15	64QAM	1	74	20.41	20.28	20.37	20.16	
15	64QAM	36	0	19.52	19.35	19.43	19.31	
15	64QAM	36	20	19.61	19.50	19.53	19.26	21
15	64QAM	36	39	19.46	19.29	19.39	19.34	
15	64QAM	75	0	19.69	19.49	19.46	19.34	
15	256QAM	1	0	17.38	17.21	17.47	17.21	
15	256QAM	1	37	17.47	17.26	17.50	17.06	19
15	256QAM	1	74	17.46	17.28	17.39	17.24	
15	256QAM	36	0	17.50	17.46	17.46	17.26	
15	256QAM	36	20	17.53	17.46	17.52	17.27	19
15	256QAM	36	39	17.43	17.32	17.37	17.13	
15	256QAM	75	0	17.56	17.29	17.35	17.17	
Channel				55090	55440	55090	55440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3655	3685.5	3655	3695	
10	QPSK	1	0	21.48	21.49	21.50	21.36	
10	QPSK	1	25	21.48	21.28	21.34	21.19	23
10	QPSK	1	49	21.51	21.51	21.52	21.37	
10	QPSK	25	0	21.27	21.24	21.25	21.21	
10	QPSK	25	12	21.50	21.30	21.30	21.10	23
10	QPSK	25	25	21.49	21.37	21.39	21.21	
10	QPSK	50	0	21.52	21.41	21.41	21.31	
10	16QAM	1	0	21.46	21.46	21.39	21.30	
10	16QAM	1	25	21.50	21.30	21.30	21.07	23
10	16QAM	1	49	21.48	21.51	21.50	21.36	
10	16QAM	25	0	20.50	20.42	20.47	20.16	
10	16QAM	25	12	20.58	20.53	20.59	20.30	22
10	16QAM	25	25	20.52	20.40	20.37	20.36	
10	16QAM	50	0	20.55	20.41	20.57	20.32	
10	64QAM	1	0	20.49	20.43	20.30	20.16	
10	64QAM	1	25	20.40	20.40	20.30	20.11	22
10	64QAM	1	49	20.43	20.28	20.30	20.16	
10	64QAM	25	0	19.53	19.39	19.36	19.34	
10	64QAM	25	12	19.63	19.43	19.50	19.22	21
10	64QAM	25	25	19.53	19.43	19.40	19.24	
10	64QAM	50	0	19.60	19.49	19.40	19.34	
10	256QAM	1	0	17.37	17.40	17.46	17.26	
10	256QAM	1	25	17.40	17.27	17.37	17.06	19
10	256QAM	1	49	17.46	17.28	17.37	17.17	
10	256QAM	25	0	17.50	17.40	17.46	17.30	
10	256QAM	25	12	17.56	17.47	17.46	17.30	19
10	256QAM	25	25	17.43	17.27	17.37	17.13	
10	256QAM	50	0	17.37	17.35	17.41	17.16	
Channel				55065	55415	55065	55415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3652.5	3687	3643	3697.5	
5	QPSK	1	0	21.51	21.58	21.39	21.31	
5	QPSK	1	12	21.46	21.39	21.39	21.21	23
5	QPSK	1	24	21.50	21.43	21.40	21.28	
5	QPSK	12	0	21.54	21.52	21.37	21.28	
5	QPSK	12	7	21.45	21.39	21.34	21.19	23
5	QPSK	12	13	21.52	21.37	21.26	21.19	
5	QPSK	25	0	21.51	21.34	21.31	21.22	
5	16QAM	1	0	21.41	21.38	21.33	21.20	
5	16QAM	1	12	21.51	21.33	21.40	21.23	23
5	16QAM	1	24	21.49	21.46	21.46	21.29	
5	16QAM	12	0	20.27	20.29	20.43	20.24	
5	16QAM	12	7	20.61	20.59	20.59	20.26	22
5	16QAM	12	13	20.58	20.53	20.59	20.29	
5	16QAM	25	0	20.64	20.59	20.53	20.29	
5	64QAM	1	0	20.37	20.41	20.33	20.19	
5	64QAM	1	12	20.27	20.31	20.40	20.09	22
5	64QAM	1	24	20.44	20.34	20.43	20.19	
5	64QAM	12	0	19.49	19.39	19.39	19.27	
5	64QAM	12	7	19.59	19.39	19.44	19.20	21
5	64QAM	12	13	19.49	19.45	19.46	19.23	
5	64QAM	25	0	19.71	19.49	19.46	19.34	
5	256QAM	1	0	17.61	17.46	17.47	17.27	
5	256QAM	1	12	17.46	17.32	17.52	17.10	19
5	256QAM	1	24	17.47	17.28	17.37	17.13	
5	256QAM	12	0	17.50	17.41	17.46	17.24	
5	256QAM	12	7	17.50	17.46	17.50	17.21	19
5	256QAM	12	13	17.46	17.33	17.35	17.09	
5	256QAM	25	0	17.48	17.33	17.40	17.21	

Band 48_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power High Mode [dBm]	Power [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3691	3648	3696	
20	QPSK	1	0	19.87	19.96	19.95	19.78	
20	QPSK	1	49	19.82	19.91	19.74	19.79	21.5
20	QPSK	1	99	19.76	19.88	19.76	19.79	
20	QPSK	50	0	19.73	19.95	19.79	19.69	
20	QPSK	50	24	19.76	19.80	19.78	19.73	21.5
20	QPSK	50	50	19.82	19.84	19.79	19.81	
20	QPSK	100	0	19.78	19.93	19.77	19.83	
20	16QAM	1	0	19.73	19.93	19.71	19.83	
20	16QAM	1	49	19.73	19.86	19.73	19.83	21.5
20	16QAM	1	99	19.72	19.90	19.76	19.89	
20	16QAM	50	0	19.81	19.86	19.76	19.89	
20	16QAM	50	24	19.74	19.88	19.75	19.82	21.5
20	16QAM	50	50	19.82	19.84	19.77	19.83	
20	16QAM	100	0	19.81	19.83	19.78	19.83	
20	64QAM	1	0	19.76	19.86	19.76	19.89	
20	64QAM	1	49	19.73	19.86	19.70	19.89	21.5
20	64QAM	1	99	19.82	19.90	19.71	19.79	
20	64QAM	50	0	19.74	19.85	19.73	19.82	
20	64QAM	50	24	19.74	19.86	19.78	19.89	21.5
20	64QAM	50	50	19.76	19.83	19.76	19.88	
20	64QAM	100	0	19.80	19.87	19.76	19.89	
20	256QAM	1	0	18.76	18.73	18.76	18.86	
20	256QAM	1	49	18.76	18.73	18.76	18.86	20.5
20	256QAM	1	99	18.76	18.73	18.70	18.86	
20	256QAM	50	0	18.73	18.76	18.84	18.83	
20	256QAM	50	24	18.73	18.86	18.89	18.87	20.5
20	256QAM	50	50	18.77	18.86	18.76	18.85	
20	256QAM	100	0	18.69	18.76	18.78	18.71	
Channel				55115	55465	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3657.5	3688	3657.5	3692.5	
15	QPSK	1	0	19.76	19.86	19.76	19.85	
15	QPSK	1	37	19.74	19.86	19.69	19.70	21.5
15	QPSK	1	74	19.83	19.79	19.71	19.89	
15	QPSK	36	0	19.80	19.74	19.84	19.74	
15	QPSK	36	20	19.86	19.77	19.86	19.76	21.5
15	QPSK	36	39	19.74	19.79	19.85	19.89	
15	QPSK	75	0	19.84	19.89	19.76	19.89	
15	16QAM	1	0	19.89	19.72	19.81	19.71	
15	16QAM	1	37	19.86	19.78	19.85	19.76	21.5
15	16QAM	1	74	19.89	19.79	19.87	19.82	
15	16QAM	36	0	19.76	19.71	19.86	19.72	
15	16QAM	36	20	19.89	19.83	19.85	19.71	21.5
15	16QAM	36	39	19.76	19.78	19.87	19.76	
15	16QAM	75	0	19.71	19.78	19.89	19.79	
15	64QAM	1	0	19.88	19.80	19.89	19.74	
15	64QAM	1	37	19.88	19.80	19.89	19.79	21.5
15	64QAM	1	74	19.74	19.86	19.86	19.89	
15	64QAM	36	0	19.80	19.76	19.86	19.79	
15	64QAM	36	20	19.80	19.81	19.80	19.79	21.5
15	64QAM	36	39	19.70	19.87	19.89	19.79	
15	64QAM	75	0	19.73	19.81	19.89	19.76	
15	256QAM	1	0	18.82	18.83	18.85	18.72	
15	256QAM	1	37	18.80	18.86	18.85	18.73	20.5
15	256QAM	1	74	18.81	18.88	18.85	18.73	
15	256QAM	36	0	18.86	18.71	18.71	18.89	
15	256QAM	36	20	18.86	18.71	18.71	18.89	20.5
15	256QAM	36	39	18.86	18.74	18.82	18.89	
15	256QAM	75	0	18.81	18.84	18.85	18.89	
Channel				55090	55440	55090	55440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3655	3685.5	3655	3695	
10	QPSK	1	0	19.76	19.95	19.74	19.86	
10	QPSK	1	25	19.74	19.86	19.68	19.69	21.5
10	QPSK	1	49	19.71	19.70	19.68	19.89	
10	QPSK	25	0	19.82	19.80	19.84	19.72	
10	QPSK	25	12	19.82	19.77	19.86	19.72	21.5
10	QPSK	25	25	19.75	19.76	19.87	19.76	
10	QPSK	50	0	19.86	19.77	19.85	19.79	
10	16QAM	1	0	19.84	19.77	19.86	19.79	
10	16QAM	1	25	19.86	19.77	19.81	19.79	21.5
10	16QAM	1	49	19.82	19.77	19.81	19.89	
10	16QAM	25	0	19.75	19.74	19.87	19.71	
10	16QAM	25	12	19.85	19.74	19.87	19.76	21.5
10	16QAM	25	25	19.72	19.73	19.83	19.73	
10	16QAM	50	0	19.71	19.76	19.89	19.76	
10	64QAM	1	0	19.73	19.88	19.70	19.76	
10	64QAM	1	25	19.85	19.90	19.84	19.71	21.5
10	64QAM	1	49	19.71	19.78	19.89	19.79	
10	64QAM	25	0	19.82	19.77	19.83	19.73	
10	64QAM	25	12	19.84	19.77	19.89	19.89	21.5
10	64QAM	25	25	19.86	19.77	19.89	19.86	
10	64QAM	50	0	19.86	19.80	19.89	19.79	
10	256QAM	1	0	18.81	18.83	18.86	18.78	
10	256QAM	1	25	18.88	18.82	18.86	18.78	20.5
10	256QAM	1	49	18.83	18.89	18.84	18.75	
10	256QAM	25	0	18.88	18.71	18.71	18.89	
10	256QAM	25	12	18.85	18.77	18.76	18.89	20.5
10	256QAM	25	25	18.71	18.79	18.87	18.73	
10	256QAM	50	0	18.88	18.87	18.88	18.85	
Channel				55065	55415	55065	55415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3652.5	3687	3643	3697.5	
5	QPSK	1	0	19.76	19.86	19.71	19.85	
5	QPSK	1	12	19.87	19.84	19.69	19.69	21.5
5	QPSK	1	24	19.76	19.77	19.68	19.79	
5	QPSK	12	0	19.81	19.72	19.71	19.89	
5	QPSK	12	7	19.76	19.80	19.87	19.72	21.5
5	QPSK	12	13	19.74	19.69	19.85	19.89	
5	QPSK	25	0	19.88	19.76	19.73	19.73	
5	16QAM	1	0	19.90	19.80	19.82	19.73	
5	16QAM	1	12	19.85	19.84	19.84	19.89	21.5
5	16QAM	1	24	19.85	19.83	19.85	19.89	
5	16QAM	12	0	19.73	19.76	19.85	19.76	
5	16QAM	12	7	19.87	19.80	19.87	19.89	21.5
5	16QAM	12	13	19.88	19.84	19.89	19.89	
5	16QAM	25	0	19.74	19.76	19.85	19.73	
5	64QAM	1	0	19.84	19.84	19.84	19.76	
5	64QAM	1	12	19.83	19.82	19.84	19.78	21.5
5	64QAM	1	24	19.83	19.84	19.84	19.89	
5	64QAM	12	0	19.83	19.79	19.83	19.88	
5	64QAM	12	7	19.85	19.87	19.85	19.78	21.5
5	64QAM	12	13	19.85	19.87	19.85	19.78	
5	64QAM	25	0	19.80	19.84	19.84	19.76	
5	256QAM	1	0	18.80	18.84	18.70	18.77	
5	256QAM	1	12	18.81	18.86	18.86	18.76	20.5
5	256QAM	1	24	18.88	18.82	18.86	18.89	
5	256QAM	12	0	18.86	18.86	18.76	18.76	
5	256QAM	12	7	18.86	18.81	18.76	18.89	20.5
5	256QAM	12	13	18.84	18.82	18.84	18.89	

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mode [dBm]	Power High Mode [dBm]	Power [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3691	3648	3696	
20	QPSK	1	0	16.44	16.48	16.51	16.38	
20	QPSK	1	49	16.44	16.80	16.58	16.51	17.5
20	QPSK	1	99	16.41	16.86	16.53	16.52	
20	QPSK	50	0	16.41	16.86	16.53	16.49	
20	QPSK	50	24	16.40	16.86	16.49	16.50	17.5
20	QPSK	50	50	16.50	16.84	16.54	16.48	
20	QPSK	100	0	16.49	16.86	16.53	16.47	
20	16QAM	1	0	16.49	16.87	16.57	16.55	
20	16QAM	1	49	16.49	16.86	16.54	16.50	17.5
20	16QAM	1	99	16.49	16.85	16.57	16.48	
20	16QAM	50	0	16.49	16.86	16.52	16.46	
20	16QAM	50	24	16.42	16.86	16.57	16.50	17.5
20	16QAM	50	50	16.49	16.81	16.49	16.50	
20	16QAM	100	0	16.44	16.86	16.58	16.45	
20	64QAM	1	0	16.41	16.86	16.48	16.50	
20	64QAM	1	49	16.49	16.84	16.53	16.53	17.5
20	64QAM	1	99	16.49	16.84	16.53	16.47	
20	64QAM	50	0	16.45	16.80	16.55	16.43	
20	64QAM	50	24	16.42	16.87	16.54	16.51	17.5
20	64QAM	50	50	16.46	16.87	16.57	16.45	
20	64QAM	100	0	16.44	16.86	16.54	16.53	
20	256QAM	1	0	16.41	16.89	16.52	16.49	
20	256QAM	1	49	16.44	16.86	16.56	16.50	17.5
20	256QAM	1	99	16.48	16.89	16.59	16.53	
20	256QAM	50	0	16.45	16.89	16.56	16.53	
20	256QAM	50	24	16.41	16.87	16.48	16.44	17.5
20	256QAM	50	50	16.45	16.89	16.53	16.47	
20	256QAM	100	0	16.50	16.84	16.57	16.45	
Channel				55115	55465	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3657.5	3688	3657.5	3692.5	
15	QPSK	1	0	16.40	16.87	16.47	16.38	
15	QPSK	1	37	16.32	16.55	16.53	16.45	17.5
15	QPSK	1	74	16.34	16.47	16.47	16.49	
15	QPSK	36	0	16.37	16.83	16.50	16.42	
15	QPSK	36	20	16.28	16.47	16.51	16.44	17.5
15	QPSK	36	39	16.45	16.51	16.45	16.34	
15	QPSK	75	0	16.44	16.53	16.44	16.45	
15	16QAM	1	0	16.44	16.53	16.44	16.45	
15	16QAM	1	37	16.37	16.51	16.45	16.44	17.5
15	16QAM	1	74	16.43	16.58	16.50	16.49	
15	16QAM	36	0	16.44	16.48	16.49	16.49	
15	16QAM	36	20	16.38	16.49	16.44	16.45	17.5
15	16QAM	36	39	16.33	16.38	16.38	16.42	
15	16QAM	75	0	16.42	16.46	16.56	16.37	
15	64QAM	1	0	16.30	16.46	16.39	16.32	
15	64QAM	1	37	16.44	16.37	16.40	16.43	17.5
15	64QAM	1	74	16.38	16.46	16.38	16.42	
15	64QAM	36	0	16.30	16.49	16.38	16.34	
15	64QAM	36	20	16.34	16.51	16.48	16.48	17.5
15	64QAM	36	39	16.38	16.46	16.51	16.39	
15	64QAM	75	0	16.31	16.44	16.45	16.37	
15	256QAM	1	0	16.34	16.49	16.40	16.42	
15	256QAM	1	37	16.40	16.47	16.47	16.47	17.5
15	256QAM	1	74	16.35	16.53	16.45	16.47	
15	256QAM	36	0	16.34	16.55	16.42	16.39	
15	256QAM	36	20	16.30	16.55	16.44	16.44	17.5
15	256QAM	36	39	16.30	16.53	16.49	16.37	
15	256QAM	75	0	16.48	16.51	16.49	16.37	
Channel				55090	55440	55090	55440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3655	3685.5	3655	3695	
10	QPSK	1	0	16.34	16.51	16.45	16.43	
10	QPSK	1	25	16.38	16.53	16.48	16.43	17.5
10	QPSK	1	49	16.38	16.57	16.45	16.43	
10	QPSK	25	0	16.29	16.56	16.47	16.40	
10	QPSK	25	12	16.27	16.55	16.47	16.38	17.5
10	QPSK	25	25	16.40	16.56	16.50	16.39	
10	QPSK	50	0	16.43	16.56	16.51	16.43	
10	16QAM	1	0	16.37	16.54	16.50	16.43	
10	16QAM	1	25	16.40	16.52	16.42	16.42	17.5
10	16QAM	1	49	16.40	16.56	16.47	16.40	
10	16QAM	25	0	16.35	16.54	16.48	16.42	
10	16QAM	25	12	16.38	16.54	16.53	16.40	17.5
10	16QAM	25	25	16.39	16.53	16.52	16.39	
10	16QAM	50	0	16.34	16.48	16.51	16.38	
10	64QAM	1	0	16.41	16.53	16.48	16.42	
10	64QAM	1	25	16.40	16.57	16.49	16.47	17.5
10	64QAM	1	49	16.40	16.57	16.49	16.47	
10	64QAM	25	0	16.42	16.52	16.47	16.40	
10	64QAM	25	12	16.42	16.50	16.47	16.40	17.5
10	64QAM	25	25	16.39	16.55	16.52	16.42	
10	64QAM	50	0	16.32	16.50	16.51	16.41	
10	256QAM	1	0	16.28	16.54	16.48	16.43	
10	256QAM	1	25	16.34	16.52	16.48	16.42	17.5
10	256QAM	1	49	16.33	16.53	16.45	16.45	
10	256QAM	25	0	16.42	16.54	16.47	16.41	
10	256QAM	25	12	16.31	16.55	16.41	16.43	17.5
10	256QAM	25	25	16.41	16.53	16.49	16.47	
10	256QAM	50	0	16.40	16.57	16.52	16.39	
Channel				55065	55415	55065	55415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3652.5	3687	3643	3697.5	
5	QPSK	1	0	16.39	16.47	16.41	16.48	
5	QPSK	1	12	16.32	16.47	16.48	16.39	17.5
5	QPSK	1	24	16.31	16.46	16.41	16.47	
5	QPSK	12	0	16.37	16.50	16.48	16.43	
5	QPSK	12	7	16.39	16.46	16.47	16.37	17.5
5	QPSK	12	13	16.41	16.54	16.48	16.43	
5	QPSK	25	0	16.40	16.53	16.46	16.43	
5	16QAM	1	0	16.49	16.53	16.51	16.46	
5	16QAM	1	12	16.49	16.53	16.49	16.38	17.5
5	16QAM	1	24	16.49	16.53	16.49	16.38	
5	16QAM	12	0	16.39	16.47	16.44	16.49	
5	16QAM	12	7	16.35	16

Reduced Power for DSI 3

GSM850_Ant 0	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	33.46	33.43	33.39	**34.00**	24.46	24.43	24.39	25.00
GPRS 1 Tx slot	33.44	33.38	33.36	**34.00**	24.44	24.38	24.36	25.00
GPRS 2 Tx slots	30.15	30.18	30.04	**31.00**	24.15	24.18	24.04	25.00
GPRS 3 Tx slots	28.30	28.35	28.12	**29.00**	24.04	24.09	23.86	24.74
GPRS 4 Tx slots	26.65	26.72	26.36	**28.00**	23.65	23.72	23.36	25.00
EDGE 1 Tx slot	26.48	26.45	26.33	**27.50**	17.48	17.45	17.33	18.50
EDGE 2 Tx slots	23.75	23.82	23.74	**24.50**	17.75	17.82	17.74	18.50
EDGE 3 Tx slots	22.02	21.95	21.99	**22.50**	17.76	17.69	17.73	18.24
EDGE 4 Tx slots	20.60	20.49	20.46	**21.50**	17.60	17.49	17.46	18.50

GSM850_Ant 1	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	32.17	32.16	32.05	**34.00**	23.17	23.16	23.05	25.00
GPRS 1 Tx slot	32.08	32.10	32.12	**34.00**	23.08	23.10	23.12	25.00
GPRS 2 Tx slots	29.37	29.33	29.28	**31.00**	23.37	23.33	23.28	25.00
GPRS 3 Tx slots	27.64	28.03	28.06	**29.00**	23.38	23.77	23.80	24.74
GPRS 4 Tx slots	26.08	26.31	26.21	**28.00**	23.08	23.31	23.21	25.00
EDGE 1 Tx slot	25.82	25.55	25.93	**27.50**	16.82	16.55	16.93	18.50
EDGE 2 Tx slots	22.97	22.91	22.97	**24.50**	16.97	16.91	16.97	18.50
EDGE 3 Tx slots	21.49	21.09	21.16	**22.50**	17.23	16.83	16.90	18.24
EDGE 4 Tx slots	19.91	20.00	19.72	**21.50**	16.91	17.00	16.72	18.50

GSM1900_Ant 2	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	30.61	30.62	30.58	**31.00**	21.61	21.62	21.58	22.00
GPRS 1 Tx slot	30.52	30.56	30.48	**31.00**	21.52	21.56	21.48	22.00
GPRS 2 Tx slots	27.13	27.36	27.31	**28.00**	21.13	21.36	21.31	22.00
GPRS 3 Tx slots	25.18	25.26	25.33	**26.00**	20.92	21.00	21.07	21.74
GPRS 4 Tx slots	24.66	24.69	24.65	**25.00**	21.66	21.69	21.65	22.00
EDGE 1 Tx slot	25.93	26.01	26.04	**26.50**	16.93	17.01	17.04	17.50
EDGE 2 Tx slots	22.84	23.17	23.23	**23.50**	16.84	17.17	17.23	17.50
EDGE 3 Tx slots	21.19	21.25	21.42	**21.50**	16.93	16.99	17.16	17.24
EDGE 4 Tx slots	19.59	19.65	19.87	**20.50**	16.59	16.65	16.87	17.50

GSM1900_Ant 1	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	29.18	29.27	29.23	**29.50**	20.18	20.27	20.23	20.50
GPRS 1 Tx slot	29.15	29.23	29.19	**29.50**	20.15	20.23	20.19	20.50
GPRS 2 Tx slots	25.81	25.89	25.87	**26.50**	19.81	19.89	19.87	20.50
GPRS 3 Tx slots	23.76	24.01	23.89	**24.50**	19.50	19.75	19.63	20.24
GPRS 4 Tx slots	22.64	22.69	22.66	**23.50**	19.64	19.69	19.66	20.50
EDGE 1 Tx slot	24.49	24.54	24.51	**25.50**	15.49	15.54	15.51	16.50
EDGE 2 Tx slots	21.60	21.71	21.65	**22.50**	15.60	15.71	15.65	16.50
EDGE 3 Tx slots	19.65	19.71	19.68	**20.50**	15.39	15.45	15.42	16.24
EDGE 4 Tx slots	18.21	18.30	18.27	**19.50**	15.21	15.30	15.27	16.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.50	22.64	22.68	**23.00**	20.06	20.21	20.23	**21.00**
3GPP Rel 99	RMC 12.2Kbps	22.54	22.71	22.70	**23.00**	20.09	20.27	20.23	**21.00**
3GPP Rel 6	HSDPA Subtest-1	21.41	21.56	21.50	**22.00**	19.07	19.15	19.11	**20.00**
3GPP Rel 6	HSDPA Subtest-2	21.43	21.53	21.45	**22.00**	19.21	19.27	19.13	**20.00**
3GPP Rel 6	HSDPA Subtest-3	20.97	21.01	20.96	**21.50**	18.70	18.54	18.61	**19.50**
3GPP Rel 6	HSDPA Subtest-4	20.95	21.01	20.96	**21.50**	18.60	18.68	18.63	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.35	21.36	21.28	**22.00**	19.05	19.14	18.67	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.28	21.35	21.20	**22.00**	19.12	19.04	18.63	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.82	20.71	**21.50**	18.63	18.61	18.02	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-4	20.68	20.82	20.68	**21.50**	18.44	18.51	17.96	**19.50**
3GPP Rel 6	HSUPA Subtest-1	21.44	21.55	21.52	**22.00**	19.08	18.97	19.17	**20.00**
3GPP Rel 6	HSUPA Subtest-2	19.45	19.49	19.45	**20.00**	17.04	16.97	17.00	**18.00**
3GPP Rel 6	HSUPA Subtest-3	20.45	20.55	20.49	**21.00**	17.99	18.06	18.07	**19.00**
3GPP Rel 6	HSUPA Subtest-4	19.48	19.48	19.55	**20.00**	16.93	17.16	17.08	**18.00**
3GPP Rel 6	HSUPA Subtest-5	21.38	21.52	21.57	**22.00**	18.90	19.08	19.20	**20.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.45	18.46	18.54	**19.50**	16.60	16.70	16.83	**17.50**

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.81	23.83	23.81	**24.50**	21.11	21.16	21.11	**22.00**
3GPP Rel 99	RMC 12.2Kbps	23.82	23.92	23.90	**24.50**	21.15	21.29	21.22	**22.00**
3GPP Rel 6	HSDPA Subtest-1	22.65	22.78	22.73	**23.50**	20.11	20.23	20.18	**21.00**
3GPP Rel 6	HSDPA Subtest-2	22.67	22.80	22.66	**23.50**	20.20	20.21	20.14	**21.00**
3GPP Rel 6	HSDPA Subtest-3	22.20	22.28	22.24	**23.00**	19.58	19.80	19.67	**20.50**
3GPP Rel 6	HSDPA Subtest-4	22.09	22.26	22.10	**23.00**	19.68	19.78	19.59	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.71	22.63	22.43	**23.50**	19.86	19.68	19.76	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.66	22.60	22.53	**23.50**	19.80	19.70	19.84	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.14	21.98	**23.00**	19.26	19.21	19.27	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.08	22.01	**23.00**	19.27	19.20	19.28	**20.50**
3GPP Rel 6	HSUPA Subtest-1	22.67	22.76	22.80	**23.50**	20.11	20.17	20.23	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.72	20.72	20.75	**21.50**	18.19	18.30	18.33	**19.00**
3GPP Rel 6	HSUPA Subtest-3	21.73	21.74	21.77	**22.50**	19.15	19.30	19.22	**20.00**
3GPP Rel 6	HSUPA Subtest-4	20.76	20.76	20.79	**21.50**	18.24	18.25	18.14	**19.00**
3GPP Rel 6	HSUPA Subtest-5	22.70	22.79	22.80	**23.50**	20.23	20.28	20.33	**21.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.49	19.72	19.79	**21.00**	17.96	18.00	17.96	**18.50**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	24.29	24.31	24.25	**25.50**	24.38	24.41	24.31	**25.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.34	24.26	**25.50**	24.41	24.46	24.39	**25.50**
3GPP Rel 6	HSDPA Subtest-1	23.28	23.31	23.25	**24.50**	23.42	23.49	23.32	**24.50**
3GPP Rel 6	HSDPA Subtest-2	23.30	23.28	23.26	**24.50**	23.41	23.47	23.45	**24.50**
3GPP Rel 6	HSDPA Subtest-3	22.73	22.75	22.72	**24.00**	22.91	22.96	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-4	22.73	22.75	22.71	**24.00**	22.86	23.01	22.94	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.22	23.11	**24.50**	23.42	23.34	23.38	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.20	23.09	**24.50**	23.33	23.33	23.36	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.75	22.68	**24.00**	22.86	22.87	22.83	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.65	22.70	22.60	**24.00**	22.79	22.92	22.94	**24.00**
3GPP Rel 6	HSUPA Subtest-1	23.23	23.27	23.21	**24.50**	23.45	23.56	23.38	**24.50**
3GPP Rel 6	HSUPA Subtest-2	21.28	21.30	21.22	**22.50**	21.42	21.46	21.42	**22.50**
3GPP Rel 6	HSUPA Subtest-3	22.25	22.26	22.21	**23.50**	22.47	22.48	22.38	**23.50**
3GPP Rel 6	HSUPA Subtest-4	21.23	21.25	21.15	**22.50**	21.39	21.44	21.35	**22.50**
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.20	**24.50**	23.46	23.56	23.50	**24.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.10	21.06	**22.00**	21.20	21.18	21.13	**22.00**

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08		
20	QPSK	50	24	23.06	23.15	23.03	24.5	1
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.11	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.68		
20	16QAM	1	49	23.54	23.03	23.66	24.5	1
20	16QAM	1	99	22.97	23.01	23.24		
20	16QAM	50	0	21.98	22.00	22.11		
20	16QAM	50	24	22.00	22.10	22.10	23.5	2
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.41		
20	64QAM	1	49	22.02	22.22	22.40	23.5	2
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.18	21.06		
20	64QAM	50	24	21.16	20.99	21.12	22.5	3
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
20	256QAM	1	0	19.35	19.37	19.34		
20	256QAM	1	49	19.38	19.50	19.58	20.5	5
20	256QAM	1	99	19.33	19.35	19.51		
20	256QAM	50	0	19.28	19.36	19.32		
20	256QAM	50	24	19.26	19.10	19.26	20.5	5
20	256QAM	50	50	19.34	19.27	19.35		
20	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17		
15	QPSK	36	20	23.19	23.14	23.12	24.5	1
15	QPSK	36	39	23.04	23.16	23.10		
15	QPSK	75	0	23.14	23.10	23.21		
15	16QAM	1	0	23.27	23.15	23.35		
15	16QAM	1	37	23.65	22.97	23.47	24.5	1
15	16QAM	1	74	23.55	23.26	23.78		
15	16QAM	36	0	22.05	22.03	22.18		
15	16QAM	36	20	21.93	21.95	22.05	23.5	2
15	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36		
15	64QAM	1	37	22.09	22.10	21.98	23.5	2
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03		
15	64QAM	36	20	20.98	20.93	21.09	22.5	3
15	64QAM	36	39	21.03	21.03	21.08		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30		
15	256QAM	1	37	19.34	19.65	19.41	20.5	5
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18		
15	256QAM	36	20	19.13	19.23	19.23	20.5	5
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	24.10	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.04		
10	QPSK	1	49	24.08	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04		
10	QPSK	25	12	23.13	22.96	23.03	24.5	1
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	16QAM	1	0	23.26	23.02	23.38		
10	16QAM	1	25	23.62	22.85	23.40	24.5	1
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08		
10	16QAM	25	12	21.99	21.91	22.09	23.5	2
10	16QAM	25	25	22.19	22.05	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	16QAM	50	25	22.21	21.79	22.37		
10	64QAM	1	25	22.22	22.21	22.08	23.5	2
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.07	21.05	20.95		
10	64QAM	25	12	21.15	20.96	21.05	22.5	3
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.99	21.20		
10	256QAM	1	0	19.32	19.39	19.27		
10	256QAM	1	25	19.23	19.60	19.54	20.5	5
10	256QAM	1	49	19.13	19.26	19.39		
10	256QAM	25	0	19.17	19.26	19.08		
10	256QAM	25	12	19.00	19.23	19.20	20.5	5
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.08	23.05		
5	QPSK	12	7	23.08	23.08	23.04	24.5	1
5	QPSK	12	13	22.92	23.09	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28		
5	16QAM	1	12	23.74	22.88	23.35	24.5	1
5	16QAM	1	24	23.53	23.23	23.66		
5	16QAM	12	0	22.16	22.16	22.06		
5	16QAM	12	7	22.15	22.01	22.20	23.5	2
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.97	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.25		
5	64QAM	12	0	21.02	21.07	21.08		
5	64QAM	12	7	21.08	20.94	21.02	22.5	3
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34		
5	256QAM	1	12	19.28	19.59	19.40	20.5	5
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03		
5	256QAM	12	7	19.07	19.22	19.05	20.5	5
5	256QAM	12	13	19.26	19.33	19.19		
5	256QAM	25	0	19.20	19.34	19.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.90	24.04	25.5	0
3	QPSK	1	8	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07		
3	QPSK	8	4	23.12	23.14	23.07	24.5	1
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44		
3	16QAM	1	8	23.62	22.85	23.43	24.5	1
3	16QAM	1	14	23.50	23.16	23.79		
3	16QAM	8	0	22.15	22.11	22.04		
3	16QAM	8	4	22.09	21.95	22.10	23.5	2
3	16QAM	8	7	22.16	22.01	22.15		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45		
3	64QAM	1	8	22.16	22.23	22.13	23.5	2
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13		
3	64QAM	8	4	21.06	20.88	21.06	22.5	3
3	64QAM	8	7	20.99	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29		
3	256QAM	1	8	19.24	19.47	19.46	20.5	5
3	256QAM	1	14	19.12	19.31	19.48		
3	256QAM	8	0	19.27	19.22	19.08		
3	256QAM	8	4	19.04	19.29	19.13	20.5	5
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.02		
1.4	QPSK	3	0	23.95	23.95	23.92		
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.95	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32		
1.4	16QAM	1	3	23.78	22.81	23.36		
1.4	16QAM	1	5	23.56	23.20	23.75	24.5	1
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.66	23.34		
1.4	16QAM	3	3	23.45	23.15	23.65		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24		
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23	23.5	2
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.95	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33		
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35	20.5	5
1.4	256QAM	3	0	19.28	19.33	19.11		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.71	22.78	22.72	24	0
20	QPSK	1	49	22.60	22.68	22.73		
20	QPSK	1	99	22.73	22.74	22.71		
20	QPSK	50	0	22.13	22.19	22.62		
20	QPSK	50	24	22.65	22.67	22.64	24	0
20	QPSK	50	50	22.69	22.68	22.58		
20	QPSK	100	0	22.56	22.61	22.61		
20	16QAM	1	0	22.75	22.75	22.68		
20	16QAM	1	49	22.68	22.74	22.75	24	0
20	16QAM	1	99	22.63	22.71	22.64		
20	16QAM	50	0	22.15	22.13	22.21		
20	16QAM	50	24	22.08	22.23	22.18	23.5	0.5
20	16QAM	50	50	22.13	22.13	22.24		
20	16QAM	100	0	22.04	22.12	22.14		
20	64QAM	1	0	22.13	22.53	22.14		
20	64QAM	1	49	22.16	22.31	22.06	23.5	0.5
20	64QAM	1	99	22.08	22.10	22.02		
20	64QAM	50	0	21.16	21.19	21.15		
20	64QAM	50	24	21.22	21.25	21.10	22.5	1.5
20	64QAM	50	50	21.15	21.28	21.27		
20	64QAM	100	0	21.13	21.17	21.04		
20	256QAM	1	0	19.32	19.35	19.35		
20	256QAM	1	49	19.48	19.63	19.55	20.5	3.5
20	256QAM	1	99	19.52	19.63	19.51		
20	256QAM	50	0	19.34	19.44	19.24		
20	256QAM	50	24	19.24	19.32	19.32	20.5	3.5
20	256QAM	50	50	19.39	19.44	19.35		
20	256QAM	100	0	19.29	19.44	19.33		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.66	22.73	22.64	24	0
15	QPSK	1	37	22.53	22.56	22.64		
15	QPSK	1	74	22.70	22.64	22.64		
15	QPSK	36	0	22.51	22.61	22.51		
15	QPSK	36	20	22.60	22.64	22.53	24	0
15	QPSK	36	39	22.56	22.62	22.53		
15	QPSK	75	0	22.54	22.59	22.55		
15	16QAM	1	0	22.70	22.70	22.56		
15	16QAM	1	37	22.68	22.68	22.67	24	0
15	16QAM	1	74	22.56	22.66	22.59		
15	16QAM	36	0	22.04	22.11	22.08		
15	16QAM	36	20	22.03	22.13	22.06	23.5	0.5
15	16QAM	36	39	22.07	22.00	22.15		
15	16QAM	75	0	21.95	22.01	22.04		
15	64QAM	1	0	22.01	22.45	22.07		
15	64QAM	1	37	22.08	22.25	22.03	23.5	0.5
15	64QAM	1	74	22.01	22.04	21.99		
15	64QAM	36	0	21.13	21.05	21.09		
15	64QAM	36	20	21.12	21.10	20.97	22.5	1.5
15	64QAM	36	39	21.06	21.18	21.18		
15	64QAM	75	0	21.08	21.09	20.93		
15	256QAM	1	0	19.31	19.22	19.22		
15	256QAM	1	37	19.35	19.60	19.49	20.5	3.5
15	256QAM	1	74	19.50	19.50	19.41		
15	256QAM	36	0	19.18	19.33	19.13		
15	256QAM	36	20	19.20	19.31	19.19	20.5	3.5
15	256QAM	36	39	19.36	19.33	19.24		
15	256QAM	75	0	19.31	19.34	19.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.88	22.71	22.65	24	0
10	QPSK	1	25	22.82	22.85	22.70		
10	QPSK	1	49	22.65	22.71	22.63		
10	QPSK	25	0	22.61	22.63	22.51		
10	QPSK	25	12	22.61	22.56	22.51	24	0
10	QPSK	25	25	22.62	22.58	22.55		
10	QPSK	50	0	22.49	22.56	22.49		
10	16QAM	1	0	22.64	22.62	22.56		
10	16QAM	1	25	22.58	22.67	22.68	24	0
10	16QAM	1	49	22.55	22.63	22.61		
10	16QAM	25	0	22.09	22.04	22.19		
10	16QAM	25	12	22.03	22.06	22.11	23.5	0.5
10	16QAM	25	25	22.02	22.10	22.14		
10	16QAM	50	0	21.93	21.99	22.01		
10	16QAM	50	25	22.01	22.40	22.06		
10	64QAM	1	25	22.02	22.23	22.03	23.5	0.5
10	64QAM	1	49	21.93	22.08	21.94		
10	64QAM	25	0	21.09	21.05	21.04		
10	64QAM	25	12	21.16	21.15	20.98	22.5	1.5
10	64QAM	25	25	21.12	21.15	21.23		
10	64QAM	50	0	21.08	21.33	21.01		
10	256QAM	1	0	19.30	19.27	19.29		
10	256QAM	1	25	19.46	19.61	19.46	20.5	3.5
10	256QAM	1	49	19.33	19.42	19.42		
10	256QAM	25	0	19.24	19.32	19.14		
10	256QAM	25	12	19.17	19.24	19.20	20.5	3.5
10	256QAM	25	25	19.30	19.36	19.25		
10	256QAM	50	0	19.18	19.40	19.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.65	22.72	22.65	24	0
5	QPSK	1	12	22.52	22.59	22.64		
5	QPSK	1	24	22.63	22.64	22.64		
5	QPSK	12	0	22.50	22.62	22.60		
5	QPSK	12	7	22.54	22.54	22.53	24	0
5	QPSK	12	13	22.62	22.61	22.49		
5	QPSK	25	0	22.47	22.56	22.57		
5	16QAM	1	0	22.67	22.65	22.56		
5	16QAM	1	12	22.62	22.65	22.63	24	0
5	16QAM	1	24	22.58	22.62	22.64		
5	16QAM	12	0	22.03	22.06	22.08		
5	16QAM	12	7	21.98	22.17	22.15	23.5	0.5
5	16QAM	12	13	22.07	22.04	22.17		
5	16QAM	25	0	21.97	22.01	22.01		
5	64QAM	1	0	22.08	22.46	22.12		
5	64QAM	1	12	22.08	22.28	21.93	23.5	0.5
5	64QAM	1	24	21.99	22.05	21.95		
5	64QAM	12	0	21.07	21.09	21.05		
5	64QAM	12	7	21.18	21.23	21.06	22.5	1.5
5	64QAM	12	13	21.05	21.17	21.15		
5	64QAM	25	0	21.00	21.09	20.97		
5	256QAM	1	0	19.29	19.31	19.28		
5	256QAM	1	12	19.43	19.59	19.51	20.5	3.5
5	256QAM	1	24	19.46	19.52	19.38		
5	256QAM	12	0	19.26	19.37	19.20		
5	256QAM	12	7	19.12	19.29	19.25	20.5	3.5
5	256QAM	12	13	19.27	19.32	19.19		
5	256QAM	25	0	19.26	19.42	19.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.65	22.72	22.69	24	0
3	QPSK	1	8	22.55	22.63	22.71		
3	QPSK	1	14	22.68	22.62	22.56		
3	QPSK	8	0	22.57	22.61	22.59		
3	QPSK	8	4	22.57	22.58	22.55	24	0
3	QPSK	8	7	22.59	22.55	22.52		
3	QPSK	15	0	22.49	22.59	22.58		
3	16QAM	1	0	22.63	22.62	22.58		
3	16QAM	1	8	22.65	22.62	22.64	24	0
3	16QAM	1	14	22.60	22.62	22.59		
3	16QAM	8	0	22.05	22.06	22.15		
3	16QAM	8	4	21.95	22.13	22.12	23.5	0.5
3	16QAM	8	7	22.01	22.01	22.22		
3	16QAM	15	0	22.01	22.00	22.01		
3	64QAM	1	0	22.10	22.45	22.08		
3	64QAM	1	8	22.01	22.20	21.98	23.5	0.5
3	64QAM	1	14	21.98	22.02	21.90		
3	64QAM	8	0	21.07	21.13	21.07		
3	64QAM	8	4	21.17	21.16	21.06	22.5	1.5
3	64QAM	8	7	21.11	21.16	21.16		
3	64QAM	15	0	21.05	21.14	20.97		
3	256QAM	1	0	19.30	19.24	19.29		
3	256QAM	1	8	19.46	19.61	19.51	20.5	3.5
3	256QAM	1	14	19.39	19.50	19.43		
3	256QAM	8	0	19.23	19.41	19.11		
3	256QAM	8	4	19.28	19.41	19.28	20.5	3.5
3	256QAM	8	7	19.28	19.41	19.26		
3	256QAM	15	0	19.16	19.37	19.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.74	22.70	24	0
1.4	QPSK	1	3	22.52	22.64	22.70		
1.4	QPSK	1	5	22.72	22.67	22.67		
1.4	QPSK	3	0	22.58	22.65	22.56		
1.4	QPSK	3	1	22.59	22.63	22.59		
1.4	QPSK	3	3	22.61	22.62	22.55		
1.4	QPSK	6	0	22.46	22.58	22.53	24	0
1.4	16QAM	1	0	22.66	22.63	22.56		
1.4	16QAM	1	3	22.68	22.65	22.65		
1.4	16QAM	1	5	22.58	22.62	22.62	24	0
1.4	16QAM	3	0	22.03	22.07	22.11		
1.4	16QAM	3	1	22.01	22.20	22.08		
1.4	16QAM	3	3	22.07	22.05	22.12		
1.4	16QAM	6	0	21.98	22.08	22.02	23.5	0.5
1.4	64QAM	1	0	22.03	22.48	22.06		
1.4	64QAM	1	3	22.10	22.42	22.11		
1.4	64QAM	1	5	22.02	22.07	21.92	23.5	0.5
1.4	64QAM	3	0	22.08	22.50	22.01		
1.4	64QAM	3	1	22.15	22.16	21.99		
1.4	64QAM	3	3	22.03	22.02	21.94		
1.4	64QAM	6	0	21.08	21.13	20.91	22.5	1.5
1.4	256QAM	1	0	19.28	19.27	19.30		
1.4	256QAM	1	3	19.39	19.59	19.44		
1.4	256QAM	1	5	19.43	19.54	19.45	20.5	3.5
1.4	256QAM	3	0	19.30	19.42	19.11		
1.4	256QAM	3	1	19.16	19.26	19.28		
1.4	256QAM	3	3	19.30	19.37	19.27		
1.4	256QAM	6	0	19.17	19.40	19.27	20.5	3.5

Band 4_Ant 0

BW [MHz]	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	22.33	22.89	22.45	24	0
20	QPSK	1	49	22.36	22.10	22.12		
20	QPSK	1	99	22.03	22.06	22.34		
20	QPSK	50	0	21.25	21.38	21.45		
20	QPSK	50	24	21.25	21.28	21.26	23	1
20	QPSK	50	50	21.04	21.17	21.16		
20	QPSK	100	0	21.26	21.38	21.37		
20	16QAM	1	0	21.48	22.11	21.40		
20	16QAM	1	49	21.35	21.10	21.81	23	1
20	16QAM	1

Band 4_Ant 2

BW [MHz]	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	22.06	22.08	22.04		
20	QPSK	1	49	22.04	22.06	22.03	23	0
20	QPSK	1	99	22.02	22.04	22.04		
20	QPSK	50	0	22.02	22.06	22.04		
20	QPSK	50	24	21.94	22.04	21.99	23	0
20	QPSK	50	50	21.95	21.99	21.95		
20	QPSK	100	0	21.97	22.00	21.96		
20	16QAM	1	0	21.9	21.97	22.01		
20	16QAM	1	49	21.87	21.84	21.79	23	0
20	16QAM	1	99	21.92	22.01	21.98		
20	16QAM	50	0	21.65	21.7	21.68		
20	16QAM	50	24	21.71	21.67	21.61	23	0
20	16QAM	50	50	21.45	21.51	21.41		
20	16QAM	100	0	21.64	21.65	21.63		
20	64QAM	1	0	21.95	21.94	21.87		
20	64QAM	1	49	21.92	22	21.94	23	0
20	64QAM	1	99	21.59	21.56	21.52		
20	64QAM	50	0	21.12	21.48	21.44		
20	64QAM	50	24	22.01	21.41	21.55	22.5	0.5
20	64QAM	50	50	21.29	21.31	21.34		
20	64QAM	100	0	21.34	21.4	21.49		
20	256QAM	1	0	19.55	19.66	19.55		
20	256QAM	1	49	19.37	19.56	19.43	20.5	2.5
20	256QAM	1	99	19.58	19.75	19.74		
20	256QAM	50	0	19.34	19.53	19.40		
20	256QAM	50	24	19.59	19.64	19.55	20.5	2.5
20	256QAM	50	50	19.47	19.56	19.41		
20	256QAM	100	0	19.59	19.66	19.65		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.98	22.03	22.02		
15	QPSK	1	37	21.96	21.97	21.93	23	0
15	QPSK	1	74	21.96	21.95	22		
15	QPSK	36	0	21.89	21.95	21.92		
15	QPSK	36	20	21.92	21.91	21.95	23	0
15	QPSK	36	39	21.94	21.87	21.95		
15	QPSK	75	0	21.95	21.88	21.85		
15	16QAM	1	0	21.79	21.94	21.9		
15	16QAM	1	37	21.72	21.77	21.77	23	0
15	16QAM	1	74	21.99	21.9	21.91		
15	16QAM	36	0	21.59	21.67	21.64		
15	16QAM	36	20	21.69	21.65	21.54	23	0
15	16QAM	36	39	21.43	21.44	21.29		
15	16QAM	75	0	21.52	21.62	21.56		
15	64QAM	1	0	21.91	21.89	21.79		
15	64QAM	1	37	21.95	21.96	21.86	23	0
15	64QAM	1	74	21.51	21.5	21.47		
15	64QAM	36	0	20.56	20.86	20.92		
15	64QAM	36	20	20.52	20.87	21.01	22.5	0.5
15	64QAM	36	39	20.68	20.7	20.74		
15	64QAM	75	0	20.76	20.8	20.94		
15	256QAM	1	0	19.50	19.56	19.45		
15	256QAM	1	37	19.31	19.53	19.31	20.5	2.5
15	256QAM	1	74	19.56	19.73	19.61		
15	256QAM	36	0	19.28	19.43	19.27		
15	256QAM	36	20	19.52	19.60	19.51	20.5	2.5
15	256QAM	36	39	19.39	19.45	19.31		
15	256QAM	75	0	19.51	19.57	19.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.03	22.03	21.98		
10	QPSK	1	25	21.92	21.97	21.95	23	0
10	QPSK	1	49	21.98	21.97	21.95		
10	QPSK	25	0	21.93	21.93	21.99		
10	QPSK	25	12	21.9	21.91	21.91	23	0
10	QPSK	25	25	21.92	21.86	21.86		
10	QPSK	50	0	21.88	21.93	21.95		
10	16QAM	1	0	21.86	21.93	21.94		
10	16QAM	1	25	21.71	21.72	21.72	23	0
10	16QAM	1	49	21.95	22	21.9		
10	16QAM	25	0	21.57	21.66	21.65		
10	16QAM	25	12	21.6	21.64	21.51	23	0
10	16QAM	25	25	21.4	21.49	21.31		
10	16QAM	50	0	21.53	21.6	21.52		
10	64QAM	1	0	21.9	21.89	21.79		
10	64QAM	1	25	21.93	21.89	21.82	23	0
10	64QAM	1	49	21.53	21.5	21.48		
10	64QAM	25	0	20.49	20.91	20.87		
10	64QAM	25	12	20.85	20.82	20.97	22.5	0.5
10	64QAM	25	25	20.76	20.76	20.71		
10	64QAM	50	0	20.81	20.82	20.91		
10	256QAM	1	0	19.52	19.62	19.51		
10	256QAM	1	25	19.31	19.51	19.37	20.5	2.5
10	256QAM	1	49	19.52	19.63	19.62		
10	256QAM	25	0	19.32	19.40	19.35		
10	256QAM	25	12	19.46	19.52	19.42	20.5	2.5
10	256QAM	25	25	19.43	19.48	19.38		
10	256QAM	50	0	19.51	19.59	19.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.04	22.02	22		
5	QPSK	1	12	21.98	21.93	21.9	23	0
5	QPSK	1	24	21.93	21.93	22.01		
5	QPSK	12	0	21.99	22.04	21.92		
5	QPSK	12	7	21.85	21.92	21.89	23	0
5	QPSK	12	13	21.92	21.87	21.89		
5	QPSK	25	0	21.95	21.96	21.87		
5	16QAM	1	0	21.86	21.91	21.98		
5	16QAM	1	12	21.68	21.73	21.76	23	0
5	16QAM	1	24	21.9	21.9	21.96		
5	16QAM	12	0	21.52	21.68	21.56		
5	16QAM	12	7	21.58	21.54	21.51	23	0
5	16QAM	12	13	21.39	21.39	21.34		
5	16QAM	25	0	21.56	21.55	21.55		
5	64QAM	1	0	21.82	21.88	21.85		
5	64QAM	1	12	21.92	21.94	21.86	23	0
5	64QAM	1	24	21.51	21.46	21.48		
5	64QAM	12	0	21.01	21.46	21.34		
5	64QAM	12	7	21.36	21.39	21.49	22.5	0.5
5	64QAM	12	13	21.19	21.28	21.28		
5	64QAM	25	0	21.25	21.32	21.47		
5	256QAM	1	0	19.42	19.65	19.46		
5	256QAM	1	12	19.29	19.52	19.36	20.5	2.5
5	256QAM	1	24	19.54	19.66	19.71		
5	256QAM	12	0	19.27	19.42	19.38		
5	256QAM	12	7	19.46	19.59	19.42	20.5	2.5
5	256QAM	12	13	19.34	19.50	19.38		
5	256QAM	25	0	19.57	19.61	19.53		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.01	22.02	22.02		
3	QPSK	1	8	21.91	22.02	21.95	23	0
3	QPSK	1	14	21.94	21.92	22.02		
3	QPSK	8	0	21.9	21.95	22		
3	QPSK	8	4	21.85	21.96	21.97	23	0
3	QPSK	8	7	21.84	21.97	21.87		
3	QPSK	15	0	21.91	21.92	21.87		
3	16QAM	1	0	21.76	21.91	21.92		
3	16QAM	1	8	21.76	21.73	21.76	23	0
3	16QAM	1	14	21.9	21.92	21.91		
3	16QAM	8	0	21.57	21.62	21.66		
3	16QAM	8	4	21.61	21.62	21.53	23	0
3	16QAM	8	7	21.33	21.4	21.31		
3	16QAM	15	0	21.54	21.55	21.58		
3	64QAM	1	0	21.82	21.92	21.84		
3	64QAM	1	8	21.86	21.91	21.84	23	0
3	64QAM	1	14	21.57	21.46	21.41		
3	64QAM	8	0	21.1	21.46	21.42		
3	64QAM	8	4	21.4	21.3	21.48	22.5	0.5
3	64QAM	8	7	21.24	21.27	21.25		
3	64QAM	15	0	21.3	21.37	21.41		
3	256QAM	1	0	19.42	19.61	19.49		
3	256QAM	1	8	19.26	19.53	19.36	20.5	2.5
3	256QAM	1	14	19.53	19.69	19.70		
3	256QAM	8	0	19.26	19.43	19.30		
3	256QAM	8	4	19.49	19.58	19.52	20.5	2.5
3	256QAM	8	7	19.45	19.52	19.39		
3	256QAM	15	0	19.50	19.56	19.57		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22	22.03	22		
1.4	QPSK	1	3	21.95	22.04	21.91		
1.4	QPSK	1	5	22	21.97	21.91	23	0
1.4	QPSK	3	0	21.95	22.03	21.96		
1.4	QPSK	3	1	21.88	21.91	21.94		
1.4	QPSK	3	3	21.88	21.96	21.87		
1.4	QPSK	6	0	21.87	21.98	21.85	23	0
1.4	16QAM	1	0	21.88	21.86	21.95		
1.4	16QAM	1	3	21.72	21.82	21.76		
1.4	16QAM	1	5	21.88	21.92	21.95	23	0
1.4	16QAM	3	0	21.53	21.66	21.61		
1.4	16QAM	3	1	21.58	21.63	21.55		
1.4	16QAM	3	3	21.36	21.49	21.37		
1.4	16QAM	6	0	21.61	21.63	21.6	23	0
1.4	64QAM	1	0	21.89	21.82	21.79		
1.4	64QAM	1	3	21.92	21.95	21.81		
1.4	64QAM	1	5	21.53	21.47	21.44	23	0
1.4	64QAM	3	0	21.87	21.77	21.82		
1.4	64QAM	3	1	21.89	22	21.85		
1.4	64QAM	3	3	21.58	21.51	21.48		
1.4	64QAM	6	0	21.25	21.34	21.43	22.5	0.5
1.4	256QAM	1	0	19.43	19.66	19.47		
1.4	256QAM	1	3	19.24	19.54	19.40		
1.4	256QAM	1	5	19.50	19.63	19.66	20.5	2.5
1.4	256QAM	3	0	19.24	19.47	19.31		
1.4	256QAM	3	1	19.48	19.55	19.49		
1.4	256QAM	3	3	19.42	19.50	19.33		
1.4	256QAM	6	0	19.48	19.57	19.56	20.5	2.5

Band 4_Ant 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.65	21.63		
20	QPSK	1	49	21.13	21.20	21.46	23	0
20	QPSK	1	99	21.09	21.45	21.41		
20	QPSK	50	0	21.23	21.37	21.52		
20	QPSK	50	24	21.22	21.31	21.48	23	0
20	QPSK	50	50	21.16	21.28	21.38		
20	QPSK	100	0	21.26	21.39	21.48		
20	16QAM	1	0	21.12	21.62	21.59		
20	16QAM	1	49	21.32	21.60	21.37	23	0
20	16QAM	1	99	21.13	21.43	21.34		
20	16QAM	50	0	21.17	21.38	21.47		
20	16QAM	50	24	21.11	21.16	21.46	23	0
20	16QAM	50	50	21.23	21.37	21.50		
20	16QAM	100	0	21.09	21.33	21.50		
20	64QAM	1	0	21.07	21.23	21.41		
20	64QAM	1	49	21.17	21.43	21.46	23	0
20	64QAM	1	99	21.22	21.62	21.57		
20	64QAM	50	0	20.10	20.37	20.41		
20	64QAM	50	24	21.17	20.36	20.53	22	1
20	64QAM	50	50	20.29	20.27	20.29		
20	64QAM	100	0	20.14	20.37	20.49		
20	256QAM	1	0	18.44	18.55	18.46		
20	256QAM	1	49	18.38	18.83	18.70	20	3
20	256QAM	1	99	18.50	18.68	18.65		
20	256QAM	50	0	18.44	18.45	18.36		
20	256QAM	50	24	18.38	18.55	18.45	20	3
20	256QAM	50	50	18.49	18.66	18.44		
20	256QAM	100	0	18.29	18.45	18.30		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.58	21.59	21.57		
15	QPSK	1	37	21.05	21.16	21.36	23	0
15	QPSK	1	74	21.04	21.41	21.29		
15	QPSK	36	0	21.14	21.54	21.42		
15	QPSK	36	20	21.14	21.26	21.42	23	0
15	QPSK	36	39	21.06	21.22	21.25		
15	QPSK	75	0	21.2	21.46	21.46		
15	16QAM	1	0	21.04	21.55	21.55		
15	16QAM	1	37	21.23	21.47	21.32	23	0
15	16QAM	1	74	21.08	21.53	21.25		
15	16QAM	36	0	21.13	21.32	21.39		
15	16QAM	36	20	21.24	21.19	21.48	23	0
15	16QAM	36	39	21.24	21.29	21.38		
15	16QAM	75	0	21.12	21.34	21.5		
15	64QAM	1	0	21	21.22	21.43		
15	64QAM	1	37	21.09	21.64	21.39	23	0
15	64QAM	1	74	21.21	21.6	21.63		
15	64QAM	36	0	20.08	20.34	20.37		
15	64QAM	36	20	20.48	20.49	20.48	22	1
15	64QAM	36	39	20.22	20.23	20.29		
15	64QAM	75	0	20.1	20.37	20.52		
15	256QAM	1	0	18.41	18.56	18.43		
15	256QAM	1	37	18.85	18.79	18.73	20	3
15	256QAM	1	74	18.49	18.70	18.60		
15	256QAM	36	0	18.32	18.45	18.36		
15	256QAM	36	20	18.34	18.54	18.41	20	3
15	256QAM	36	39	18.42	18.60	18.47		
15	256QAM	75	0	18.27	18.48	18.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.61	21.62	21.60		
10	QPSK	1	25	21.09	21.11	21.34	23	0
10	QPSK	1	49	21.01	21.42	21.39		
10	QPSK	25	0	21.14	21.46	21.46		
10	QPSK	25	12	21.17	21.24	21.42	23	0
10	QPSK	25	25	21.11	21.17	21.26		
10	QPSK	50	0	21.19	21.41	21.42		
10	16QAM	1	0	21.08	21.49	21.54		
10	16QAM	1	25	21.19	21.55	21.27	23	0
10	16QAM	1	49	21.06	21.61	21.23		
10	16QAM	25	0	21.15	21.40	21.42		
10	16QAM	25	12	21.17	21.45	21.44	23	0
10	16QAM	25	25	21.25	21.27	21.41		
10	16QAM	50	0	21.09	21.28	21.53		
10	64QAM	1	0	21.10	21.24	21.40		
10	64QAM	1	25	21.10	21.55	21.46	23	0
10	64QAM	1	49	21.14	21.54	21.58		
10	64QAM	25	0	20.36	20.38	20.36		
10	64QAM	25	12	20.10	20.32	20.48	22	1
10	64QAM	25	25	20.27	20.27	20.26		
10	64QAM	50	0	20.13	20.42	20.42		
10	256QAM	1	0	18.45	18.47	18.40		
10	256QAM	1	25	18.77	18.78	18.72	20	3
10	256QAM	1	49	18.62	18.69	18.60		
10	256QAM	25	0	18.45	18.41	18.38		
10	256QAM	25	12	18.32	18.49	18.41	20	3
10	256QAM	25	25	18.42	18.62	18.40		
10	256QAM	50	0	18.33	18.47	18.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.67	21.57	21.55		
5	QPSK	1	12	21.10	21.09	21.39	23	0
5	QPSK	1	24	21.09	21.38	21.35		
5	QPSK	12	0	21.18	21.49	21.43		
5	QPSK	12	7	21.16	21.18	21.37	23	0
5	QPSK	12	13	21.04	21.23	21.36		
5	QPSK	25	0	21.24	21.36	21.36		
5	16QAM	1	0	21.27	21.59	21.46		
5	16QAM	1	12	21.30	21.47	21.30	23	0
5	16QAM	1	24	21.13	21.58	21.21		
5	16QAM	12	0	21.14	21.30	21.39		
5	16QAM	12	7	21.13	21.12	21.48	23	0
5	16QAM	12	13	21.15	21.32	21.39		
5	16QAM	25	0	21.17	21.32	21.47		
5	64QAM	1	0	21.04	21.21	21.41		
5	64QAM	1	12	21.11	21.62	21.46	23	0
5	64QAM	1	24	21.01	21.58	21.58		
5	64QAM	12	0	20.06	20.37	20.36		
5	64QAM	12	7	20.09	20.30	20.56	22	1
5	64QAM	12	13	20.23	20.24	20.25		
5	64QAM	25	0	20.07	20.30	20.50		
5	256QAM	1	0	18.41	18.50	18.42		
5	256QAM	1	12	18.64	18.86	18.63	20	3
5	256QAM	1	24	18.71	18.91	18.61		
5	256QAM	12	0	18.36	18.47	18.39		
5	256QAM	12	7	18.40	18.50	18.48	20	3
5	256QAM	12	13	18.41	18.55	18.37		
5	256QAM	25	0	18.27	18.40	18.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.58	21.62	21.59		
3	QPSK	1	8	21.10	21.10	21.40	23	0
3	QPSK	1	14	21.06	21.35	21.37		
3	QPSK	8	0	21.11	21.48	21.50		
3	QPSK	8	4	21.20	21.23	21.40	23	0
3	QPSK	8	7	21.13	21.23	21.25		
3	QPSK	15	0	21.19	21.41	21.36		
3	16QAM	1	0	21.57	21.63	21.57		
3	16QAM	1	8	21.63	21.61	21.59	23	0
3	16QAM	1	14	21.55	21.61	21.60		
3	16QAM	8	0	21.20	21.41	21.41		
3	16QAM	8	4	21.15	21.08	21.46	23	0
3	16QAM	8	7	21.19	21.33	21.40		
3	16QAM	15	0	21.09	21.27	21.52		
3	64QAM	1	0	21.04	21.23	21.62		
3	64QAM	1	8	21.11	21.62	21.39	23	0
3	64QAM	1	14	21.18	21.59	21.60		
3	64QAM	8	0	20.11	20.33	20.34		
3	64QAM	8	4	20.15	20.32	20.49	22	1
3	64QAM	8	7	20.26	20.22	20.32		
3	64QAM	15	0	20.06	20.35	20.42		
3	256QAM	1	0	18.36	18.53	18.41		
3	256QAM	1	8	18.77	18.85	18.65	20	3
3	256QAM	1	14	18.46	18.60	18.60		
3	256QAM	8	0	18.47	18.40	18.39		
3	256QAM	8	4	18.41	18.54	18.37	20	3
3	256QAM	8	7	18.51	18.64	18.36		
3	256QAM	15	0	18.21	18.38	18.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.61	21.61	21.55		
1.4	QPSK	1	3	21.02	21.13	21.37		
1.4	QPSK	1	5	21.10	21.37	21.38	23	0
1.4	QPSK	3	0	21.18	21.51	21.44		
1.4	QPSK	3	1	21.09	21.21	21.44		
1.4	QPSK	3	3	21.07	21.19	21.34		
1.4	QPSK	6	0	21.14	21.44	21.35	23	0
1.4	16QAM	1	0	21.05	21.49	21.48		
1.4	16QAM	1	3	21.29	21.56	21.30		
1.4	16QAM	1	5	21.06	21.57	21.28	23	0
1.4	16QAM	3	0	21.07	21.51	21.50		
1.4	16QAM	3	1	21.31	21.57	21.33		
1.4	16QAM	3	3	21.07	21.58	21.29		
1.4	16QAM	6	0	21.07	21.32	21.49	23	0
1.4	64QAM	1	0	21.04	21.22	21.48		
1.4	64QAM	1	3	21.19	21.62	21.49		
1.4	64QAM	1	5	21.17	21.63	21.61	23	0
1.4	64QAM	3	0	21.05	21.24	21.42		
1.4	64QAM	3	1	21.22	21.64	21.52		
1.4	64QAM	3	3	21.20	21.59	21.63		
1.4	64QAM	6	0	20.06	20.35	20.42	22	1
1.4	256QAM	1	0	18.40	18.53	18.49		
1.4	256QAM	1	3	18.86	18.75	18.67		
1.4	256QAM	1	5	18.45	18.65	18.57	20	3
1.4	256QAM	3	0	18.41	18.47	18.33		
1.4	256QAM	3	1	18.39	18.54	18.39		
1.4	256QAM	3	3	18.43	18.66	18.47		
1.4	256QAM	6	0	18.22	18.46	18.31	20	3

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24		
10	16QAM	25	12	22.21	22.32	22.31	23.5	2
10	16QAM	25	25	22.12

Band 7_Ant 0

BW [MHz]	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	21.1	21.37	21.28		
20	QPSK	1	49	21	21.24	21.33	22.5	0
20	QPSK	1	99	21.01	21.16	21.14		
20	QPSK	50	0	20.62	20.84	20.8		
20	QPSK	50	24	20.58	20.76	20.83	22	0.5
20	QPSK	50	50	20.7	20.81	20.72		
20	QPSK	100	0	20.51	20.81	20.7		
20	16QAM	1	0	20.8	20.27	20.71		
20	16QAM	1	49	21.01	20.7	20.83	22	0.5
20	16QAM	1	99	20.89	21.16	20.93		
20	16QAM	50	0	19.58	19.7	19.68		
20	16QAM	50	24	19.53	19.83	19.83	21	1.5
20	16QAM	50	50	19.73	19.79	19.85		
20	16QAM	100	0	19.61	19.8	19.74		
20	64QAM	1	0	19.23	19.9	20.27		
20	64QAM	1	49	19.9	19.74	20.03	21	1.5
20	64QAM	1	99	20.02	19.87	20.03		
20	64QAM	50	0	18.59	18.7	18.69		
20	64QAM	50	24	18.58	18.79	18.78	20	2.5
20	64QAM	50	50	18.54	18.83	18.7		
20	64QAM	100	0	18.59	18.7	18.81		
20	256QAM	1	0	16.83	16.94	16.77		
20	256QAM	1	49	16.76	16.86	16.65	18	4.5
20	256QAM	1	99	16.84	16.86	16.84		
20	256QAM	50	0	16.55	16.71	16.57		
20	256QAM	50	24	16.66	16.71	16.67	18	4.5
20	256QAM	50	50	16.71	16.83	16.72		
20	256QAM	100	0	16.72	16.74	16.68		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.06	21.33	21.23		
15	QPSK	1	37	20.95	21.16	21.31	22.5	0
15	QPSK	1	74	20.96	21.14	21.01		
15	QPSK	36	0	20.5	20.81	20.73		
15	QPSK	36	20	20.49	20.66	20.78	22	0.5
15	QPSK	36	39	20.66	20.68	20.59		
15	QPSK	75	0	20.43	20.73	20.67		
15	16QAM	1	0	20.77	20.2	20.63		
15	16QAM	1	37	20.98	20.65	20.77	22	0.5
15	16QAM	1	74	20.79	21.09	20.84		
15	16QAM	36	0	19.5	19.65	19.57		
15	16QAM	36	20	19.49	19.7	19.74	21	1.5
15	16QAM	36	39	19.67	19.75	19.77		
15	16QAM	75	0	19.58	19.77	19.71		
15	64QAM	1	0	19.21	19.86	20.24		
15	64QAM	1	37	19.84	19.68	19.95	21	1.5
15	64QAM	1	74	19.99	19.81	19.92		
15	64QAM	36	0	18.46	18.65	18.59		
15	64QAM	36	20	18.52	18.76	18.76	20	2.5
15	64QAM	36	39	18.42	18.81	18.61		
15	64QAM	75	0	18.5	18.66	18.73		
15	256QAM	1	0	16.86	16.89	16.72		
15	256QAM	1	37	16.86	16.82	16.54	18	4.5
15	256QAM	1	74	16.81	16.84	16.73		
15	256QAM	36	0	16.45	16.61	16.47		
15	256QAM	36	20	16.48	16.59	16.56	18	4.5
15	256QAM	36	39	16.60	16.77	16.59		
15	256QAM	75	0	16.53	16.62	16.66		
Channel				20600	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565		
10	QPSK	1	0	21.03	21.29	21.23		
10	QPSK	1	25	20.96	21.21	21.27	22.5	0
10	QPSK	1	49	20.97	21.09	21.1		
10	QPSK	25	0	20.52	20.74	20.71		
10	QPSK	25	12	20.48	20.67	20.72	22	0.5
10	QPSK	25	25	20.66	20.74	20.61		
10	QPSK	50	0	20.49	20.68	20.57		
10	16QAM	1	0	20.68	20.22	20.6		
10	16QAM	1	25	20.97	20.81	20.7	22	0.5
10	16QAM	1	49	20.84	21.05	20.83		
10	16QAM	25	0	19.51	19.67	19.58		
10	16QAM	25	12	19.5	19.78	19.74	21	1.5
10	16QAM	25	25	19.62	19.67	19.74		
10	16QAM	50	0	19.52	19.67	19.64		
10	64QAM	1	0	19.1	19.84	20.15		
10	64QAM	1	25	19.86	19.61	19.97	21	1.5
10	64QAM	1	49	19.89	19.83	19.96		
10	64QAM	25	0	18.5	18.64	18.58		
10	64QAM	25	12	18.47	18.74	18.74	20	2.5
10	64QAM	25	25	18.44	18.77	18.62		
10	64QAM	50	0	18.53	18.59	18.69		
10	256QAM	1	0	16.77	16.87	16.65		
10	256QAM	1	25	16.85	16.78	16.59	18	4.5
10	256QAM	1	49	16.72	16.79	16.74		
10	256QAM	25	0	16.43	16.65	16.44		
10	256QAM	25	12	16.56	16.69	16.62	18	4.5
10	256QAM	25	25	16.62	16.80	16.69		
10	256QAM	50	0	16.61	16.67	16.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.02	21.29	21.21		
5	QPSK	1	12	20.97	21.22	21.28	22.5	0
5	QPSK	1	24	20.93	21.06	21.06		
5	QPSK	12	0	20.58	20.8	20.72		
5	QPSK	12	7	20.51	20.68	20.8	22	0.5
5	QPSK	12	13	20.58	20.69	20.62		
5	QPSK	25	0	20.46	20.72	20.6		
5	16QAM	1	0	20.67	20.14	20.64		
5	16QAM	1	12	20.97	20.8	20.8	22	0.5
5	16QAM	1	24	20.87	21.07	20.88		
5	16QAM	12	0	19.46	19.59	19.56		
5	16QAM	12	7	19.4	19.76	19.73	21	1.5
5	16QAM	12	13	19.62	19.75	19.73		
5	16QAM	25	0	19.57	19.73	19.71		
5	64QAM	1	0	19.19	19.87	20.22		
5	64QAM	1	12	19.84	19.72	19.98	21	1.5
5	64QAM	1	24	19.95	19.82	19.99		
5	64QAM	12	0	18.47	18.67	18.59		
5	64QAM	12	7	18.53	18.7	18.7	20	2.5
5	64QAM	12	13	18.44	18.8	18.59		
5	64QAM	25	0	18.53	18.8	18.69		
5	256QAM	1	0	16.74	16.81	16.70		
5	256QAM	1	12	16.65	16.73	16.52	18	4.5
5	256QAM	1	24	16.77	16.81	16.76		
5	256QAM	12	0	16.48	16.63	16.52		
5	256QAM	12	7	16.51	16.66	16.62	18	4.5
5	256QAM	12	13	16.69	16.71	16.68		
5	256QAM	25	0	16.64	16.69	16.66		

Band 7_Ant 1

BW [MHz]	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	19.85	19.86	19.78		
20	QPSK	1	49	19.82	19.81	19.75	21	0
20	QPSK	1	99	19.72	19.75	19.63		
20	QPSK	50	0	19.7	19.84	19.64		
20	QPSK	50	24	19.82	19.83	19.77	21	0
20	QPSK	50	50	19.78	19.82	19.72		
20	QPSK	100	0	19.8	19.82	19.78		
20	16QAM	1	0	19.8	19.74	19.7		
20	16QAM	1	49	19.82	19.74	19.74	21	0
20	16QAM	1	99	19.74	19.74	19.74		
20	16QAM	50	0	19.78	19.76	19.7		
20	16QAM	50	24	19.79	19.75	19.65	21	0
20	16QAM	50	50	19.74	19.8	19.74		
20	16QAM	100	0	19.8	19.82	19.71		
20	64QAM	1	0	19.74	19.77	19.67		
20	64QAM	1	49	19.78	19.8	19.73	21	0
20	64QAM	1	99	19.72	19.8	19.73		
20	64QAM	50	0	19.77	19.77	19.66		
20	64QAM	50	24	19.72	19.78	19.73	21	0
20	64QAM	50	50	19.74	19.83	19.74		
20	64QAM	100	0	19.72	19.82	19.7		
20	256QAM	1	0	17.95	18.07	17.95		
20	256QAM	1	49	17.69	17.82	17.74	19	2
20	256QAM	1	99	18.01	18.07	18.00		
20	256QAM	50	0	17.64	17.81	17.69		
20	256QAM	50	24	17.88	17.92	17.90	19	2
20	256QAM	50	50	17.84	17.89	17.83		
20	256QAM	100	0	17.83	17.90	17.73		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.79	19.79	19.72		
15	QPSK	1	37	19.78	19.71	19.63	21	0
15	QPSK	1	74	19.7	19.69	19.57		
15	QPSK	36	0	19.63	19.75	19.58		
15	QPSK	36	20	19.76	19.71	19.64	21	0
15	QPSK	36	39	19.65	19.71	19.62		
15	QPSK	75	0	19.75	19.78	19.75		
15	16QAM	1	0	19.74	19.64	19.58		
15	16QAM	1	37	19.71	19.68	19.67	21	0
15	16QAM	1	74	19.61	19.69	19.65		
15	16QAM	36	0	19.68	19.71	19.58		
15	16QAM	36	20	19.72	19.73	19.59	21	0
15	16QAM	36	39	19.71	19.73	19.71		
15	16QAM	75	0	19.74	19.79	19.59		
15	64QAM	1	0	19.65	19.73	19.56		
15	64QAM	1	37	19.76	19.72	19.65	21	0
15	64QAM	1	74	19.65	19.78	19.63		
15	64QAM	36	0	19.73	19.71	19.56		
15	64QAM	36	20	19.67	19.67	19.68	21	0
15	64QAM	36	39	19.62	19.74	19.63		
15	64QAM	75	0	19.69	19.71	19.64		
15	256QAM	1	0	17.91	18.04	17.89		
15	256QAM	1	37	17.62	17.69	17.63	19	2
15	256QAM	1	74	17.69	17.96	17.91		
15	256QAM	36	0	17.54	17.69	17.63		
15	256QAM	36	20	17.76	17.79	17.86	19	2
15	256QAM	36	39	17.71	17.83	17.75		
15	256QAM	75	0	17.76	17.85	17.68		
Channel				20600	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.83	19.8	19.75		
10	QPSK	1	25	19.77	19.78	19.64	21	0
10	QPSK	1	49	19.67	19.69	19.5		
10	QPSK	25	0	19.65	19.74	19.57		
10	QPSK	25	12	19.73	19.8	19.71	21	0
10	QPSK	25	25	19.74	19.7	19.68		
10	QPSK	50	0	19.68	19.79	19.67		
10	16QAM	1	0	19.7	19.63	19.57		
10	16QAM	1	25	19.7	19.83	19.62	21	0
10	16QAM	1	49	19.62	19.66	19.65		
10	16QAM	25	0	19.7	19.66	19.64		
10	16QAM	25	12	19.88	19.78	19.55	21	0
10	16QAM	25	25	19.63	19.73	19.63		
10	16QAM	50	0	19.71	19.69	19.61		
10	64QAM	1	0	19.71	19.72	19.59		
10	64QAM	1	25	19.69	19.69	19.69	21	0
10	64QAM	1	49	19.59	19.7	19.66		
10	64QAM	25	0	19.74	19.58	19.58		
10	64QAM	25	12	19.63	19.73	19.67	21	0
10	64QAM	25	25	19.68	19.7	19.67		
10	64QAM	50	0	19.68	19.77	19.66		
10	256QAM	1	0	17.87	18.00	17.85		
10	256QAM	1	25	17.62	17.71	17.69	19	2
10	256QAM	1	49	17.76	17.97	17.88		
10	256QAM	25	0	17.52	17.72	17.67		
10	256QAM	25	12	17.82	17.85	17.78	19	2
10	256QAM	25	25	17.71	17.77	17.70		
10	256QAM	50	0	17.73	17.87	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.78	19.78	19.7		
5	QPSK	1	12	19.73	19.78	19.67	21	0
5	QPSK	1	24	19.7	19.69	19.54		
5	QPSK	12	0	19.64	19.77	19.58		
5	QPSK	12	7	19.72	19.71	19.69	21	0
5	QPSK	12	13	19.76	19.78	19.68		
5	QPSK	25	0	19.74	19.75	19.74		
5	16QAM	1	0	19.75	19.67	19.67		
5	16QAM	1	12	19.77	19.69	19.61	21	0
5	16QAM	1	24	19.67	19.67	19.65		
5	16QAM	12	0	19.75	19.72	19.64		
5	16QAM	12	7	19.68	19.69	19.62	21	0
5	16QAM	12	13	19.68	19.68	19.68		
5	16QAM	25	0	19.76	19.79	19.69		
5	64QAM	1	0	19.72	19.66	19.64		
5	64QAM	1	12	19.71	19.71	19.64	21	0
5	64QAM	1	24	19.61	19.75	19.64		
5	64QAM	12	0	19.75	19.74	19.57		
5	64QAM	12	7	19.69	19.65	19.68	21	0
5	64QAM	12	13	19.68	19.71	19.64		
5	64QAM	25	0	19.66	19.7	19.62		
5	256QAM	1	0	17.84	18.04	17.87		
5	256QAM	1	12	17.62	17.70	17.61	19	2
5	256QAM	1	24	17.83	17.95	17.90		
5	256QAM	12	0	17.57	17.78	17.60		
5	256QAM	12	7	17.80	17.79	17.78	19	2
5	256QAM	12	13	17.76	17.85	17.72		
5	256QAM	25	0	17.75	17.79	17.61		

Band 7_Ant 2

BW [MHz]	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	21.59	21.78	21.54		
20	QPSK	1	49	21.61	21.62	21.57	22.5	0
20	QPSK	1	99	21.57	21.63	21.51		
20	QPSK	50	0	21.6	21.73	21.51		
20	QPSK	50	24	21.58	21.63	21.54	22.5	0
20	QPSK	50	50	21.54	21.66	21.56		
20	QPSK	100	0	21.55	21.68	21.54		
20	16QAM	1	0	21.61	21.69	21.58		
20	16QAM	1	49	21.8	21.64	21.55	22.5	0
20	16QAM	1	99	21.56	21.67	21.52		
20	16QAM	50	0	21.58	21.64	21.52		
20	16QAM	50	24	21.57	21.67	21.56	22.5	0
20	16QAM	50	50	21.58	21.65	21.58		
20	16QAM	100	0	21.59	21.68	21.53		
20	64QAM	1	0	21.59	21.67	21.58		
20	64QAM	1	49	21.6	21.62	21.51	22.5	0
20	64QAM	1	99	21.61	21.62	21.57		
20	64QAM	50	0	21.55	21.63	21.52		
20	64QAM	50	24	21.55	21.69	21.52	22.5	0
20	64QAM	50	50	21.54	21.66	21.51		
20	64QAM	100	0	21.54	21.65	21.51		
20	256QAM	1	0	19.56	19.68	19.48		
20	256QAM	1	49	19.72	19.92	19.75	20.5	2
20	256QAM	1	99	19.53	19.59	19.59		
20	256QAM	50	0	19.35	19.55	19.44		
20	256QAM	50	24	19.53	19.61	19.53	20.5	2
20	256QAM	50	50	19.83	19.69	19.50		
20	256QAM	100	0	19.51	19.55	19.47		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.51	21.75	21.52		
15	QPSK	1	37	21.57	21.53	21.55	22.5	0
15	QPSK	1	74	21.5	21.5	21.49		
15	QPSK	36	0	21.47	21.64	21.47		
15	QPSK	36	20	21.52	21.57	21.47	22.5	0
15	QPSK	36	39	21.42	21.6	21.52		
15	QPSK	75	0	21.45	21.56	21.51		
15	16QAM	1	0	21.51	21.56	21.45		
15	16QAM	1	37	21.53	21.52	21.48	22.5	0
15	16QAM	1	74	21.54	21.55	21.43		
15	16QAM	36	0	21.54	21.55	21.47		
15	16QAM	36	20	21.44	21.61	21.49	22.5	0
15	16QAM	36	39	21.5	21.61	21.51		
15	16QAM	75	0	21.57	21.61	21.5		
15	64QAM	1	0	21.56	21.62	21.53		
15	64QAM	1	37	21.57	21.55	21.49	22.5	0
15	64QAM	1	74	21.49	21.53	21.53		
15	64QAM	36	0	21.47	21.57	21.49		
15	64QAM	36	20	21.44	21.67	21.45	22.5	0
15	64QAM	36	39	21.51	21.61	21.46		
15	64QAM	75	0	21.44	21.53	21.48		
15	256QAM	1	0	19.47	19.56	19.46		
15	256QAM	1	37	19.64	19.90	19.69	20.5	2
15	256QAM	1	74	19.48	19.52	19.56		
15	256QAM	36	0	19.29	19.49	19.36		
15	256QAM	36	20	19.49	19.57	19.40	20.5	2
15	256QAM	36	39	19.59	19.63	19.38		
15	256QAM	75	0	19.40	19.49	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.75	21.48		
10	QPSK	1	25	21.51	21.5	21.52	22.5	0
10	QPSK	1	49	21.49	21.54	21.39		
10	QPSK	25	0	21.56	21.68	21.47		
10	QPSK	25	12	21.55	21.59	21.44	22.5	0
10	QPSK	25	25	21.52	21.53	21.52		
10	QPSK	50	0	21.42	21.64	21.49		
10	16QAM	1	0	21.5	21.57	21.5		
10	16QAM	1	25	21.47	21.52	21.5	22.5	0
10	16QAM	1	49	21.44	21.64	21.47		
10	16QAM	25	0	21.52	21.58	21.4		
10	16QAM	25	12	21.53	21.58	21.49	22.5	0
10	16QAM	25	25	21.45	21.54	21.53		
10	16QAM	50	0	21.53	21.62	21.42		
10	64QAM	1	0	21.56	21.57	21.47		
10	64QAM	1	25	21.47	21.55	21.46	22.5	0
10	64QAM	1	49	21.59	21.53	21.51		
10	64QAM	25	0	21.52	21.61	21.42		
10	64QAM	25	12	21.5	21.63	21.44	22.5	0
10	64QAM	25	25	21.52	21.62	21.49		
10	64QAM	50	0	21.44	21.58	21.4		
10	256QAM	1	0	19.50	19.59	19.45		
10	256QAM	1	25	19.69	19.81	19.73	20.5	2
10	256QAM	1	49	19.46	19.49	19.55		
10	256QAM	25	0	19.24	19.51	19.32		
10	256QAM	25	12	19.47	19.56	19.45	20.5	2
10	256QAM	25	25	19.53	19.60	19.44		
10	256QAM	50	0	19.40	19.47	19.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.53	21.75	21.48		
5	QPSK	1	12	21.54	21.56	21.46	22.5	0
5	QPSK	1	24	21.53	21.59	21.39		
5	QPSK	12	0	21.56	21.69	21.43		
5	QPSK	12	7	21.55	21.61	21.52	22.5	0
5	QPSK	12	13	21.49	21.56	21.52		
5	QPSK	25	0	21.42	21.58	21.48		
5	16QAM	1	0	21.51	21.57	21.47		
5	16QAM	1	12	21.52	21.62	21.48	22.5	0
5	16QAM	1	24	21.5	21.59	21.47		
5	16QAM	12	0	21.48	21.57	21.43		
5	16QAM	12	7	21.45	21.55	21.47	22.5	0
5	16QAM	12	13	21.46	21.62	21.56		
5	16QAM	25	0	21.56	21.58	21.46		
5	64QAM	1	0	21.48	21.63	21.53		
5	64QAM	1	12	21.55	21.5	21.39	22.5	0
5	64QAM	1	24	21.58	21.58	21.48		
5	64QAM	12	0	21.46	21.58	21.42		
5	64QAM	12	7	21.42	21.58	21.4	22.5	0
5	64QAM	12	13	21.47	21.6	21.46		
5	64QAM	25	0	21.46	21.54	21.43		
5	256QAM	1	0	19.43	19.58	19.43		
5	256QAM	1	12	19.66	19.90	19.62	20.5	2
5	256QAM	1	24	19.44	19.47	19.47		
5	256QAM	12	0	19.42	19.42	19.40		
5	256QAM	12	7	19.42	19.53	19.44	20.5	2
5	256QAM	12	13	19.56	19.57	19.42		
5	256QAM	25	0	19.40	19.42	19.34		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.21	21.25	21.21		
20	QPSK	1	49	21.08	21.20	21.06	22.2	0
20	QPSK	1	99	21.01	21.16	21.04		
20	QPSK	50	0	20.85	21.00	20.87		
20	QPSK	50	24	20.80	20.90	20.83	22.2	0
20	QPSK	50	50	20.73	20.95	20.92		
20	QPSK	100	0	20.96	21.05	20.91		
20	16QAM	1	0	21.21	21.22	21.18		
20	16QAM	1	49	21.08	21.11	20.94	22.2	0
20	16QAM	1	99	21.04	21.18	21.10		
20	16QAM	50	0	20.95	21.09	20.89		
20	16QAM	50	24	20.82	20.95	20.91	22.

Band 12_Ant 0

BW [MHz]	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	24.88	24.98	24.87	25.5	0
10	QPSK	1	25	24.92	24.86	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.94	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20	24.5	1
10	16QAM	1	25	24.12	24.15	24.16		
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02	23.5	2
10	16QAM	25	12	23.04	23.01	23.03		
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02	23.5	2
10	64QAM	1	25	23.01	23.12	23.43		
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98	22.5	3
10	64QAM	25	12	22.00	21.96	21.86		
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99	20.5	5
10	256QAM	1	25	20.37	20.39	20.26		
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19	20.5	5
10	256QAM	25	12	20.06	20.20	20.13		
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23230	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.85	24.75		
5	QPSK	12	0	23.75	23.80	23.71	24.5	1
5	QPSK	12	7	23.80	23.86	23.80		
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07	24.5	1
5	16QAM	1	12	24.03	24.02	24.08		
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97	23.5	2
5	16QAM	12	7	22.94	22.93	22.94		
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89	23.5	2
5	64QAM	1	12	22.92	23.07	23.36		
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83	22.5	3
5	64QAM	12	7	21.94	21.83	21.72		
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87	20.5	5
5	256QAM	1	12	20.24	20.36	20.11		
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12	20.5	5
5	256QAM	12	7	19.98	20.10	19.98		
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.88	24.74		
3	QPSK	8	0	23.68	23.81	23.76	24.5	1
3	QPSK	8	4	23.82	23.84	23.82		
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10	24.5	1
3	16QAM	1	8	24.01	24.04	24.03		
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91	23.5	2
3	16QAM	8	4	22.94	22.82	22.88		
3	16QAM	8	7	22.87	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89	23.5	2
3	64QAM	1	8	22.89	23.03	23.38		
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84	22.5	3
3	64QAM	8	4	21.93	21.91	21.71		
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88	20.5	5
3	256QAM	1	8	20.22	20.36	20.10		
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10	20.5	5
3	256QAM	8	4	19.91	20.04	20.01		
3	256QAM	8	7	20.08	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.62	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03	24.5	1
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42		
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88	23.5	2
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.85		
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.83	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93	20.5	5
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12		
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.08	24.18	23.93	25.5	0
10	QPSK	1	25	24.10	23.91	24.01		
10	QPSK	1	49	24.03	23.86	24.14		
10	QPSK	25	0	22.84	23.17	23.08	24.5	1
10	QPSK	25	12	23.10	23.06	23.13		
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27	24.5	1
10	16QAM	1	25	23.49	23.51	23.09		
10	16QAM	1	49	23.51	23.65	23.53		
10	16QAM	25	0	22.01	22.13	22.00	23.5	2
10	16QAM	25	12	22.21	22.10	21.98		
10	16QAM	25	25	22.24	22.13	22.15		
10	16QAM	50	0	22.22	21.98	22.16		
10	64QAM	1	0	22.09	22.09	21.89	23.5	2
10	64QAM	1	25	22.38	22.34	22.22		
10	64QAM	1	49	22.28	22.31	22.58		
10	64QAM	25	0	21.03	21.08	21.01	22.5	3
10	64QAM	25	12	21.17	21.09	21.06		
10	64QAM	25	25	21.13	21.13	21.09		
10	64QAM	50	0	21.19	20.87	21.16		
10	256QAM	1	0	19.45	19.54	19.40	20.5	5
10	256QAM	1	25	19.70	19.77	19.70		
10	256QAM	1	49	19.53	19.63	19.51		
10	256QAM	25	0	19.35	19.42	19.32	20.5	5
10	256QAM	25	12	19.38	19.46	19.39		
10	256QAM	25	25	19.33	19.44	19.39		
10	256QAM	50	0	19.25	19.41	19.27		
Channel				23230	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.92	23.95	23.75	25.5	0
5	QPSK	1	12	23.99	23.90	23.91		
5	QPSK	1	24	23.86	23.81	24.08		
5	QPSK	12	0	22.91	23.06	22.97	24.5	1
5	QPSK	12	7	22.98	22.97	23.02		
5	QPSK	12	13	23.00	23.09	22.98		
5	QPSK	25	0	22.89	22.93	22.93		
5	16QAM	1	0	23.54	23.51	23.14	24.5	1
5	16QAM	1	12	23.41	23.42	22.98		
5	16QAM	1	24	23.44	23.52	23.46		
5	16QAM	12	0	21.93	22.03	21.99	23.5	2
5	16QAM	12	7	22.03	22.03	21.85		
5	16QAM	12	13	22.13	22.06	22.02		
5	16QAM	25	0	22.11	21.91	21.98		
5	64QAM	1	0	21.95	21.99	21.78	23.5	2
5	64QAM	1	12	22.28	22.24	22.11		
5	64QAM	1	24	22.20	22.20	22.44		
5	64QAM	12	0	20.92	20.92	20.94	22.5	3
5	64QAM	12	7	21.01	21.01	20.98		
5	64QAM	12	13	21.02	21.13	20.96		
5	64QAM	25	0	21.04	20.79	21.06		
5	256QAM	1	0	19.38	19.44	19.34	20.5	5
5	256QAM	1	12	19.54	19.61	19.58		
5	256QAM	1	24	19.45	19.51	19.45		
5	256QAM	12	0	19.21	19.28	19.21	20.5	5
5	256QAM	12	7	19.26	19.37	19.32		
5	256QAM	12	13	19.30	19.35	19.25		
5	256QAM	25	0	19.11	19.29	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.96	24.01	23.85	25.5	0
3	QPSK	1	8	23.95	23.85	23.97		
3	QPSK	1	14	23.92	23.82	24.02		
3	QPSK	8	0	22.82	23.10	22.94	24.5	1
3	QPSK	8	4	22.95	22.94	22.98		
3	QPSK	8	7	22.98	23.05	22.97		
3	QPSK	15	0	22.91	23.01	22.98		
3	16QAM	1	0	23.55	23.45	23.11	24.5	1
3	16QAM	1	8	23.42	23.35	23.09		
3	16QAM	1	14	23.44	23.51	23.43		
3	16QAM	8	0	21.93	22.04	21.99	23.5	2
3	16QAM	8	4	22.07	21.99	21.81		
3	16QAM	8	7	22.19	22.13	21.99		
3	16QAM	15	0	22.16	21.81	22.06		
3	64QAM	1	0	22.01	21.93	21.82	23.5	2
3	64QAM	1	8	22.29	22.19	22.02		
3	64QAM	1	14	22.09	22.26	22.47		
3	64QAM	8	0	20.90	20.90	20.88	22.5	3
3	64QAM	8	4	21.14	20.98	20.91		
3	64QAM	8	7	21.08	21.08	20.99		
3	64QAM	15	0	21.06	20.84	21.09		
3	256QAM	1	0	19.37	19.45	19.23	20.5	5
3	256QAM	1	8	19.54	19.63	19.66		
3	256QAM	1	14	19.45	19.50	19.38		
3	256QAM	8	0	19.27	19.25	19.17	20.5	5
3	256QAM	8	4	19.23	19.40	19.36		
3	256QAM	8	7	19.27	19.36	19.21		
3	256QAM	15	0	19.10	19.35	19.16		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.90	23.95	23.86	25.5	0
1.4	QPSK	1	3	23.92	23.77	23.93		
1.4	QPSK	1	5	23.90	23.79	23.93		
1.4	QPSK	3	0	23.83	23.82	23.78		
1.4	QPSK	3	1	23.84	23.84	23.80		
1.4	QPSK	3	3	23.85	23.85	23.82		
1.4	QPSK	6	0	23.01	22.93	23.04	24.5	1
1.4	16QAM	1	0	23.55	23.52	23.15	24.5	1
1.4	16QAM	1	3	23.42	23.41	23.03		
1.4	16QAM	1	5	23.40	23.48	23.47		
1.4	16QAM	3	0	23.42	23.40	23.00		
1.4	16QAM	3	1	23.37	23.28	22.91		
1.4	16QAM	3	3	23.25	23.43	23.32		
1.4	16QAM	6	0	22.09	21.88	22.05	23.5	2
1.4	64QAM	1	0	22.02	22.02	21.83	23.5	2
1.4	64QAM	1	3	22.30	22.18	22.13		
1.4	64QAM	1	5	22.14	22.27	22.45		
1.4	64QAM	3	0	21.88	21.94	21.81		
1.4	64QAM	3	1	22.16	22.06	21.94		
1.4	64QAM	3	3	22.06	22.11	22.35		
1.4	64QAM	6	0	21.12	20.83	21.01	22.5	3
1.4	256QAM	1	0	19.36	19.43	19.33	20.5	5
1.4	256QAM	1	3	19.55	19.71	19.62		
1.4	256QAM	1	5	19.48	19.48	19.45		
1.4	256QAM	3	0	19.18	19.29	19.25		
1.4	256QAM	3	1	19.25	19.43	19.37		
1.4	256QAM	3	3	19.29	19.26	19.32		
1.4	256QAM	6	0	19.15	19.30	19.24	20.5	5

Band 13_Ant 0

BW [MHz]	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		25.03		25.5	0
10	QPSK	1	25		25.00			
10	QPSK	1	49		25.02			
10	QPSK	25	0		24.02		24.5	1
10	QPSK	25	12		23.98			
10	QPSK	25	25		23.99			
10	QPSK	50	0		23.98			
10	16QAM	1	0		24.42		24.5	1
10	16QAM	1	25		24.50			
10	16QAM	1	49		24.29			
10	16QAM	25	0		22.89		23.5	2
10	16QAM	25	12		23.01			
10	16QAM	25	25		23.07			
10	16QAM	50	0		22.96			
10	64QAM	1	0		22.80		23.5	2
10	64QAM	1	25		23.12			
10	64QAM	1	49		23.08			
10	64QAM	25	0		21.87		22.5	3
10	64QAM	25	12		21.93			
10	64QAM	25	25		22.07			
10	64QAM	50	0		21.94			
10	256QAM	1	0		20.39		20.5	5
10	256QAM	1	25		19.90			
10	256QAM	1	49		20.22			
10	256QAM	25	0		19.93		20.5	5
10	256QAM	25	12		20.31			
10	256QAM	25	25		20.30			
10	256QAM	50	0		20.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.91	24.89	24.89	25.5	0
5	QPSK	1	12	24.88	24.85	24.91		
5	QPSK	1	24	24.88	24.93	24.89		
5	QPSK	12	0	23.92	23.94	23.88	24.5	1
5	QPSK	12	7	23.86	23.86	23.86		
5	QPSK	12	13	23.80	23.90	23.81		
5	QPSK	25	0	23.89	23.84	23.86		
5	16QAM	1	0	24.29	24.23	24.32	24.5	1
5	16QAM	1	12	24.36	24.31	24.37		
5	16QAM	1	24	24.19	24.20	24.21		
5	16QAM	12	0	22.72	22.79	22.81	23.5	2
5	16QAM	12	7	22.90	22.92	22.83		
5	16QAM	12	13	22.94	22.90	22.99		
5	16QAM	25	0	22.88	22.83	22.88		
5	64QAM	1	0	23.02	23.06	23.09	23.5	2
5	64QAM	1	12	23.33	23.37	23.33		
5	64QAM	1	24	22.92	22.92	22.98		
5	64QAM	12	0	21.74	21.70	21.69	22.5	3
5	64QAM	12	7	21.82	21.79	21.79		
5	64QAM	12	13	21.94	21.98	21.99		
5	64QAM	25	0	21.77	21.80	21.81		
5	256QAM	1	0	20.23	20.29	20.25	20.5	5
5	256QAM	1	12	20.14	20.14	20.12		
5	256QAM	1	24	20.05	20.10	20.11		
5	256QAM	12	0	20.16	20.16	20.24	20.5	5
5	256QAM	12	7	20.23	20.17	20.19		
5	256QAM	12	13	20.13	20.11	20.15		
5	256QAM	25	0	20.08	20.14	20.07		

Band 13_Ant 1

BW [MHz]	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		24.24		25.5	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.18			
10	QPSK	25	0		23.32		24.5	1
10	QPSK	25	12		23.20			
10	QPSK	25	25		23.28			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.77		24.5	1
10	16QAM	1	25		23.77			
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.13		23.5	2
10	16QAM	25	12		22.17			
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.34		23.5	2
10	64QAM	1	25		22.93			
10	64QAM	1	49		22.56			
10	64QAM	25	0		21.13		22.5	3
10	64QAM	25	12		21.30			
10	64QAM	25	25		21.14			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.79		20.5	5
10	256QAM	1	25		19.84			
10	256QAM	1	49		19.82			
10	256QAM	25	0		19.72		20.5	5
10	256QAM	25	12		19.67			
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.02	24.07	25.5	0
5	QPSK	1	12	24.05	24.06	24.01		
5	QPSK	1	24	23.99	24.05	24.02		
5	QPSK	12	0	23.14	23.17	23.17	24.5	1
5	QPSK	12	7	23.06	23.02	23.05		
5	QPSK	12	13	23.05	23.13	23.05		
5	QPSK	25	0	23.08	23.00	23.04		
5	16QAM	1	0	23.61	23.60	23.62	24.5	1
5	16QAM	1	12	23.57	23.54	23.52		
5	16QAM	1	24	23.43	23.44	23.44		
5	16QAM	12	0	22.04	22.00	22.08	23.5	2
5	16QAM	12	7	22.08	22.03	22.03		
5	16QAM	12	13	22.11	22.10	22.02		
5	16QAM	25	0	22.02	22.03	21.99		
5	64QAM	1	0	22.13	22.11	22.18	23.5	2
5	64QAM	1	12	22.78	22.70	22.73		
5	64QAM	1	24	22.35	22.34	22.40		
5	64QAM	12	0	21.08	21.05	20.99	22.5	3
5	64QAM	12	7	21.15	21.08	21.14		
5	64QAM	12	13	21.01	21.05	21.05		
5	64QAM	25	0	21.05	21.06	21.00		
5	256QAM	1	0	19.65	19.58	19.59	20.5	5
5	256QAM	1	12	19.84	19.69	19.66		
5	256QAM	1	24	19.67	19.60	19.60		
5	256QAM	12	0	19.52	19.51	19.52	20.5	5
5	256QAM	12	7	19.51	19.50	19.50		
5	256QAM	12	13	19.52	19.48	19.51		
5	256QAM	25	0	19.51	19.50	19.49		

Band 17_Ant 0

BW [MHz]	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	24.96	24.97	24.82	25.5	0
10	QPSK	1	25	24.77	24.89	24.85		
10	QPSK	1	49	24.68	24.88	24.91		
10	QPSK	25	0	23.87	23.98	23.92	24.5	1
10	QPSK	25	12	23.91	23.97	23.96		
10	QPSK	25	25	23.90	23.87	23.93		
10	QPSK	50	0	23.91	24.06	24.03		
10	16QAM	1	0	24.04	24.20	24.33	24.5	1
10	16QAM	1	25	24.28	24.67	24.11		
10	16QAM	1	49	24.27	24.36	24.50		
10	16QAM	25	0	23.00	22.92	23.04	23.5	2
10	16QAM	25	12	22.97	23.10	22.88		
10	16QAM	25	25	23.01	22.89	22.98		
10	16QAM	50	0	22.94	23.01	23.02		
10	64QAM	1	0	23.50	23.07	22.71	23.5	2
10	64QAM	1	25	22.85	23.16	22.86		
10	64QAM	1	49	23.28	22.60	23.28		
10	64QAM	25	0	22.00	21.99	21.91	22.5	3
10	64QAM	25	12	22.08	22.08	22.00		
10	64QAM	25	25	21.93	21.92	21.91		
10	64QAM	50	0	22.01	22.02	22.00		
10	256QAM	1	0	20.36	20.41	20.33	20.5	5
10	256QAM	1	25	20.26	20.42	20.34		
10	256QAM	1	49	20.05	20.15	20.04		
10	256QAM	25	0	20.23	20.29	20.14	20.5	5
10	256QAM	25	12	20.24	20.35	20.28		
10	256QAM	25	25	20.23	20.28	20.18		
10	256QAM	50	0	20.25	20.31	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.82	24.91	24.71	25.5	0
5	QPSK	1	12	24.66	24.74	24.71		
5	QPSK	1	24	24.57	24.80	24.84		
5	QPSK	12	0	23.78	23.85	23.82	24.5	1
5	QPSK	12	7	23.82	23.81	23.88		
5	QPSK	12	13	23.79	23.76	23.81		
5	QPSK	25	0	23.79	23.92	23.92		
5	16QAM	1	0	23.91	24.05	24.26	24.5	1
5	16QAM	1	12	24.18	24.58	24.01		
5	16QAM	1	24	24.21	24.31	24.40		
5	16QAM	12	0	22.93	22.76	22.96	23.5	2
5	16QAM	12	7	22.85	22.95	22.77		
5	16QAM	12	13	22.95	22.83	22.89		
5	16QAM	25	0	22.83	22.85	22.90		
5	64QAM	1	0	23.43	23.02	22.63	23.5	2
5	64QAM	1	12	22.70	23.00	22.76		
5	64QAM	1	24	23.13	22.47	23.14		
5	64QAM	12	0	21.89	21.93	21.82	22.5	3
5	64QAM	12	7	21.93	22.02	21.87		
5	64QAM	12	13	21.86	21.77	21.76		
5	64QAM	25	0	21.87	21.87	21.89		
5	256QAM	1	0	20.20	20.31	20.20	20.5	5
5	256QAM	1	12	20.18	20.37	20.27		
5	256QAM	1	24	19.93	20.02	19.99		
5	256QAM	12	0	20.17	20.21	20.03	20.5	5
5	256QAM	12	7	20.16	20.21	20.22		
5	256QAM	12	13	20.17	20.16	20.02		
5	256QAM	25	0	20.14	20.15	20.12		

Band 17_Ant 1

BW [MHz]	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	24.05	24.24	23.97	25.5	0
10	QPSK	1	25	24.21	24.05	24.04		
10	QPSK	1	49	24.13	24.19	24.22		
10	QPSK	25	0	23.13	23.24	23.12	24.5	1
10	QPSK	25	12	23.22	23.22	23.16		
10	QPSK	25	25	23.19	23.23	23.15		
10	QPSK	50	0	23.24	23.25	23.17		
10	16QAM	1	0	23.69	23.03	23.34	24.5	1
10	16QAM	1	25	23.83	23.29	23.39		
10	16QAM	1	49	23.62	23.62	23.47		
10	16QAM	25	0	22.26	22.10	22.11	23.5	2
10	16QAM	25	12	22.43	22.28	22.07		
10	16QAM	25	25	22.23	22.26	22.19		
10	16QAM	50	0	22.26	22.24	22.27		
10	64QAM	1	0	22.48	22.49	22.52	23.5	2
10	64QAM	1	25	22.24	22.25	22.47		
10	64QAM	1	49	22.48	22.27	22.45		
10	64QAM	25	0	21.15	21.18	21.17	22.5	3
10	64QAM	25	12	21.27	21.23	21.12		
10	64QAM	25	25	21.19	21.22	21.23		
10	64QAM	50	0	21.22	21.23	21.31		
10	256QAM	1	0	19.47	19.59	19.50	20.5	5
10	256QAM	1	25	19.61	19.73	19.61		
10	256QAM	1	49	19.46	19.51	19.42		
10	256QAM	25	0	19.37	19.47	19.38	20.5	5
10	256QAM	25	12	19.49	19.56	19.51		
10	256QAM	25	25	19.48	19.53	19.39		
10	256QAM	50	0	19.51	19.59	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.10	23.90	25.5	0
5	QPSK	1	12	24.07	23.97	23.89		
5	QPSK	1	24	24.07	24.06	24.15		
5	QPSK	12	0	22.97	23.08	22.97	24.5	1
5	QPSK	12	7	23.08	23.11	23.07		
5	QPSK	12	13	23.09	23.15	23.04		
5	QPSK	25	0	23.16	23.09	23.10		
5	16QAM	1	0	23.63	22.90	23.28	24.5	1
5	16QAM	1	12	23.73	23.20	23.28		
5	16QAM	1	24	23.56	23.74	23.39		
5	16QAM	12	0	22.15	22.01	22.06	23.5	2
5	16QAM	12	7	22.34	22.12	22.02		
5	16QAM	12	13	22.15	22.19	22.10		
5	16QAM	25	0	22.15	22.14	22.11		
5	64QAM	1	0	22.37	22.36	22.40	23.5	2
5	64QAM	1	12	22.11	22.12	22.14		
5	64QAM	1	24	22.39	22.14	22.31		
5	64QAM	12	0	21.10	21.12	21.09	22.5	3
5	64QAM	12	7	21.17	21.08	20.98		
5	64QAM	12	13	21.10	21.16	21.14		
5	64QAM	25	0	21.11	21.13	21.21		
5	256QAM	1	0	19.31	19.49	19.36	20.5	5
5	256QAM	1	12	19.48	19.67	19.49		
5	256QAM	1	24	19.31	19.36	19.28		
5	256QAM	12	0	19.28	19.39	19.33	20.5	5
5	256QAM	12	7	19.37	19.40	19.42		
5	256QAM	12	13	19.41	19.48	19.33		
5	256QAM	25	0	19.42	19.43	19.41		

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.42	21.52	21.42	22.5	0
20	QPSK	1	49	21.36	21.46	21.34		
20	QPSK	1	99	21.35	21.45	21.38		
20	QPSK	50	0	21.37	21.44	21.38	22.5	0
20	QPSK	50	24	21.30	21.41	21.31		
20	QPSK	50	50	21.30	21.40	21.31		
20	QPSK	100	0	21.32	21.39	21.32		
20	16QAM	1	0	21.31	21.39	21.33	22.5	0
20	16QAM	1	49	21.30	21.36	21.29		
20	16QAM	1	99	21.31	21.39	21.32		
20	16QAM	50	0	21.31	21.37	21.32	22.5	0
20	16QAM	50	24	21.31	21.35	21.28		
20	16QAM	50	50	21.29	21.36	21.31		
20	16QAM	100	0	21.32	21.38	21.29		
20	64QAM	1	0	21.27	21.26	21.25	22.5	0
20	64QAM	1	49	21.22	21.31	21.25		
20	64QAM	1	99	21.28	21.28	21.24		
20	64QAM	50	0	21.30	21.36	21.35	22.5	0
20	64QAM	50	24	21.24	21.39	21.30		
20	64QAM	50	50	21.33	21.34	21.29		
20	64QAM	100	0	21.32	21.39	21.34		
20	256QAM	1	0	19.61	19.67	19.47	20.5	2
20	256QAM	1	49	19.46	19.54	19.44		
20	256QAM	1	99	19.67	20.08	19.92		
20	256QAM	50	0	19.44	19.52	19.43	20.5	2
20	256QAM	50	24	19.58	19.64	19.45		
20	256QAM	50	50	19.62	19.67	19.59		
20	256QAM	100	0	19.67	19.63	19.56		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.37	21.5	21.37	22.5	0
15	QPSK	1	37	21.25	21.36	21.31		
15	QPSK	1	74	21.22	21.36	21.38		
15	QPSK	36	0	21.25	21.31	21.26	22.5	0
15	QPSK	36	20	21.21	21.35	21.19		
15	QPSK	36	39	21.22	21.31	21.25		
15	QPSK	75	0	21.22	21.26	21.2		
15	16QAM	1	0	21.23	21.36	21.29	22.5	0
15	16QAM	1	37	21.21	21.34	21.24		
15	16QAM	1	74	21.29	21.32	21.22		
15	16QAM	36	0	21.23	21.26	21.28	22.5	0
15	16QAM	36	20	21.22	21.28	21.18		
15	16QAM	36	39	21.19	21.28	21.24		
15	16QAM	75	0	21.26	21.31	21.16		
15	64QAM	1	0	21.17	21.18	21.23	22.5	0
15	64QAM	1	37	21.09	21.14	21.12		
15	64QAM	1	74	21.23	21.16	21.16		
15	64QAM	36	0	21.21	21.26	21.33	22.5	0
15	64QAM	36	20	21.24	21.25	21.23		
15	64QAM	36	39	21.2	21.27	21.19		
15	64QAM	75	0	21.3	21.33	21.21		
15	256QAM	1	0	19.54	19.61	19.35	20.5	2
15	256QAM	1	37	19.43	19.59	19.38		
15	256QAM	1	74	19.65	20.00	19.88		
15	256QAM	36	0	19.37	19.41	19.31	20.5	2
15	256QAM	36	20	19.51	19.48	19.41		
15	256QAM	36	39	19.51	19.55	19.53		
15	256QAM	75	0	19.52	19.53	19.48		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.36	21.46	21.36	22.5	0
10	QPSK	1	25	21.3	21.38	21.21		
10	QPSK	1	49	21.24	21.42	21.34		
10	QPSK	25	0	21.31	21.37	21.3	22.5	0
10	QPSK	25	12	21.26	21.33	21.27		
10	QPSK	25	25	21.17	21.37	21.23		
10	QPSK	50	0	21.23	21.25	21.26		
10	16QAM	1	0	21.28	21.32	21.24	22.5	0
10	16QAM	1	25	21.17	21.27	21.24		
10	16QAM	1	49	21.24	21.34	21.22		
10	16QAM	25	0	21.26	21.25	21.22	22.5	0
10	16QAM	25	12	21.21	21.25	21.21		
10	16QAM	25	25	21.25	21.26	21.27		
10	16QAM	50	0	21.25	21.26	21.27		
10	64QAM	1	0	21.15	21.18	21.16	22.5	0
10	64QAM	1	25	21.19	21.19	21.12		
10	64QAM	1	49	21.22	21.15	21.16		
10	64QAM	25	0	21.23	21.28	21.28	22.5	0
10	64QAM	25	12	21.16	21.27	21.3		
10	64QAM	25	25	21.31	21.31	21.17		
10	64QAM	50	0	21.2	21.36	21.21		
10	256QAM	1	0	19.54	19.65	19.39	20.5	2
10	256QAM	1	25	19.43	19.55	19.41		
10	256QAM	1	49	19.76	20.00	19.87		
10	256QAM	25	0	19.35	19.41	19.36	20.5	2
10	256QAM	25	12	19.49	19.54	19.35		
10	256QAM	25	25	19.59	19.56	19.48		
10	256QAM	50	0	19.58	19.51	19.45		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.34	21.5	21.41	22.5	0
5	QPSK	1	12	21.29	21.35	21.23		
5	QPSK	1	24	21.27	21.32	21.27		
5	QPSK	12	0	21.29	21.32	21.31	22.5	0
5	QPSK	12	7	21.22	21.33	21.24		
5	QPSK	12	13	21.25	21.38	21.26		
5	QPSK	25	0	21.23	21.28	21.2		
5	16QAM	1	0	21.19	21.34	21.2	22.5	0
5	16QAM	1	12	21.21	21.3	21.22		
5	16QAM	1	24	21.19	21.3	21.25		
5	16QAM	12	0	21.24	21.27	21.23	22.5	0
5	16QAM	12	7	21.22	21.32	21.16		
5	16QAM	12	13	21.16	21.25	21.23		
5	16QAM	25	0	21.28	21.31	21.2		
5	64QAM	1	0	21.25	21.24	21.2	22.5	0
5	64QAM	1	12	21.13	21.21	21.22		
5	64QAM	1	24	21.16	21.23	21.11		
5	64QAM	12	0	21.28	21.3	21.28	22.5	0
5	64QAM	12	7	21.19	21.26	21.22		
5	64QAM	12	13	21.23	21.29	21.22		
5	64QAM	25	0	21.27	21.32	21.25		
5	256QAM	1	0	19.48	19.56	19.39	20.5	2
5	256QAM	1	12	19.45	19.59	19.35		
5	256QAM	1	24	19.83	20.01	19.79		
5	256QAM	12	0	19.39	19.40	19.32	20.5	2
5	256QAM	12	7	19.49	19.53	19.43		
5	256QAM	12	13	19.57	19.54	19.48		
5	256QAM	25	0	19.58	19.56	19.45		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.34	21.49	21.38	22.5	0
3	QPSK	1	8	21.23	21.39	21.21		
3	QPSK	1	14	21.31	21.38	21.29		
3	QPSK	8	0	21.3	21.36	21.31	22.5	0
3	QPSK	8	4	21.25	21.3	21.25		
3	QPSK	8	7	21.26	21.38	21.24		
3	QPSK	15	0	21.2	21.31	21.21		
3	16QAM	1	0	21.28	21.3	21.25	22.5	0
3	16QAM	1	8	21.25	21.28	21.16		
3	16QAM	1	14	21.22	21.28	21.29		
3	16QAM	8	0	21.25	21.27	21.21	22.5	0
3	16QAM	8	4	21.25	21.26	21.16		
3	16QAM	8	7	21.18	21.31	21.24		
3	16QAM	15	0	21.27	21.32	21.21		
3	64QAM	1	0	21.23	21.19	21.21	22.5	0
3	64QAM	1	8	21.2	21.26	21.17		
3	64QAM	1	14	21.21	21.2	21.2		
3	64QAM	8	0	21.22	21.34	21.29	22.5	0
3	64QAM	8	4	21.16	21.27	21.31		
3	64QAM	8	7	21.29	21.28	21.17		
3	64QAM	15	0	21.28	21.33	21.23		
3	256QAM	1	0	19.57	19.59	19.40	20.5	2
3	256QAM	1	8	19.41	19.51	19.32		
3	256QAM	1	14	19.81	20.04	19.89		
3	256QAM	8	0	19.42	19.41	19.34	20.5	2
3	256QAM	8	4	19.56	19.51	19.34		
3	256QAM	8	7	19.53	19.54	19.51		
3	256QAM	15	0	19.55	19.59	19.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.38	21.48	21.36	22.5	0
1.4	QPSK	1	3	21.29	21.41	21.26		
1.4	QPSK	1	5	21.24	21.35	21.25		
1.4	QPSK	3	0	21.25	21.31	21.29		
1.4	QPSK	3	1	21.17	21.38	21.21		
1.4	QPSK	3	3	21.26	21.37	21.29		
1.4	QPSK	6	0	21.25	21.34	21.28	22.5	0
1.4	16QAM	1	0	21.26	21.3	21.22	22.5	0
1.4	16QAM	1	3	21.25	21.25	21.26		
1.4	16QAM	1	5	21.27	21.34	21.29		
1.4	16QAM	3	0	21.2	21.25	21.21		
1.4	16QAM	3	1	21.26	21.26	21.22		
1.4	16QAM	3	3	21.21	21.28	21.28		
1.4	16QAM	6	0	21.22	21.33	21.23	22.5	0
1.4	64QAM	1	0	21.17	21.24	21.17	22.5	0
1.4	64QAM	1	3	21.18	21.22	21.2		
1.4	64QAM	1	5	21.14	21.18	21.22		
1.4	64QAM	3	0	21.27	21.23	21.27		
1.4	64QAM	3	1	21.27	21.26	21.31		
1.4	64QAM	3	3	21.27	21.23	21.2		
1.4	64QAM	6	0	21.24	21.31	21.23	22.5	0
1.4	256QAM	1	0	19.49	19.56	19.40	20.5	2
1.4	256QAM	1	3	19.45	19.52	19.32		
1.4	256QAM	1	5	19.81	19.98	19.90		
1.4	256QAM	3	0	19.36	19.40	19.41		
1.4	256QAM	3	1	19.46	19.51	19.40		
1.4	256QAM	3	3	19.53	19.63	19.52		
1.4	256QAM	6	0	19.57	19.60	19.50	20.5	2

Band 25_Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.60	21.63	21.61	23	0
20	QPSK	1	49	21.53	21.61	21.57		
20	QPSK	1	99	21.56	21.61	21.53		
20	QPSK	50	0	21.46	21.60	21.46	23	0
20	QPSK	50	24	21.53	21.54	21.47		
20	QPSK	50	50	21.46	21.47	21.48		
20	QPSK	100	0	21.51	21.56	21.54		
20	16QAM	1	0	21.52	21.52	21.40	23	0
20	16QAM	1	49	21.46	21.62	21.50		
20	16QAM	1	99	21.42	21.51	21.51		
20	16QAM	50	0	21.45	21.47	21.49	23	0
20	16QAM	50	24	21.40	21.47	21.40		
20	16QAM	50	50	21.50	21.48	21.52		
20	16QAM	100	0	21.45	21.55	21.43		
20	64QAM	1	0	21.48	21.48	21.50	23	0
20	64QAM	1	49	21.55	21.48	21.55		
20	64QAM	1	99	21.50	21.44	21.41		
20	64QAM	50	0	20.98	21.00	21.04	22.5	0.5
20	64QAM	50	24	20.95	21.04	20.97		
20	64QAM	50	50	20.93	21.09	20.95		
20	64QAM	100	0	20.96	21.02	21.02		
20	256QAM	1	0	19.10	19.19	19.07	20.5	2.5
20	256QAM	1	49	19.26	19.31	19.16		
20	256QAM	1	99	19.25	19.37	19.32		
20	256QAM	50	0	19.06	19.12	19.04	20.5	2.5
20	256QAM	50	24	19.17	19.25	19.15		
20	256QAM	50	50	19.17	19.34	19.24		
20	256QAM	100	0	19.14	19.29	19.04		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.58	21.55	21.55	23	0
15	QPSK	1	37	21.42	21.59	21.53		
15	QPSK	1	74	21.53	21.57	21.41		
15	QPSK	36	0	21.38	21.52	21.30	23	0
15	QPSK	36	20	21.48	21.43	21.39		
15	QPSK	36	39	21.44	21.42	21.45		
15	QPSK	75	0	21.38	21.54	21.45		
15	16QAM	1	0	21.42	21.40	21.29	23	0
15	16QAM	1	37	21.39	21.58	21.45		
15	16QAM	1	74	21.34	21.48	21.41		
15	16QAM	36	0	21.43	21.41	21.45	23	0
15	16QAM	36	20	21.32	21.35	21.29		
15	16QAM	36	39	21.45	21.44	21.46		
15	16QAM	75	0	21.41	21.53	21.41		
15	64QAM	1	0	21.35	21.45	21.37	23	0
15	64QAM	1	37	21.44	21.36	21.37		
15	64QAM	1	74	21.44	21.41	21.37		
15	64QAM	36	0	20.96	20.89	21.00	22.5	0.5
15	64QAM	36	20	20.90	20.98	20.84		
15	64QAM	36	39	20.89	20.98	20.84		
15	64QAM	75	0	20.92	20.91	20.94		
15	256QAM	1	0	18.98	19.06	18.99	20.5	2.5
15	256QAM	1	37	19.24	19.26	19.10		
15	256QAM	1	74	19.22	19.28	19.22		
15	256QAM	36	0	19.04	19.02	18.96	20.5	2.5
15	256QAM	36	20	19.12	19.23	19.12		
15	256QAM	36	39	19.05	19.32	19.13		
15	256QAM	75	0	19.01	19.18	18.98		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.57	21.57	21.58	23	0
10	QPSK	1	25	21.47	21.57	21.48		
10	QPSK	1	49	21.49	21.56	21.47		
10	QPSK	25	0	21.43	21.56	21.34	23	0
10	QPSK	25	12	21.42	21.43	21.43		
10	QPSK	25	25	21.40	21.39	21.41		
10	QPSK	50	0	21.46	21.52	21.41		
10	16QAM	1	0	21.46	21.46	21.31	23	0
10	16QAM	1	25	21.37	21.59	21.44		
10	16QAM	1	49

Band 26_Ant 0

BW [MHz]	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	24.34	24.41	24.24	25	0
15	QPSK	1	37	24.21	24.36	24.15		
15	QPSK	1	74	24.09	24.12	24.24		
15	QPSK	36	0	23.29	23.35	23.20	24	1
15	QPSK	36	20	23.18	23.28	23.28		
15	QPSK	36	39	23.21	23.33	23.09		
15	QPSK	75	0	23.30	23.34	23.16		
15	16QAM	1	0	23.67	23.46	23.63	24	1
15	16QAM	1	37	23.52	23.10	23.66		
15	16QAM	1	74	23.09	23.80	23.46		
15	16QAM	36	0	22.33	22.22	22.34	23	2
15	16QAM	36	20	22.28	22.20	22.24		
15	16QAM	36	39	22.32	22.27	22.40		
15	16QAM	75	0	22.21	22.32	22.22		
15	64QAM	1	0	22.09	22.25	22.60	23	2
15	64QAM	1	37	22.35	21.93	22.25		
15	64QAM	1	74	22.29	22.71	22.47		
15	64QAM	36	0	21.16	21.35	21.17	22	3
15	64QAM	36	20	21.31	21.37	21.26		
15	64QAM	36	39	21.27	21.29	21.28		
15	64QAM	75	0	21.36	21.22	21.27		
15	256QAM	1	0	19.71	19.71	19.65	20	5
15	256QAM	1	37	19.41	19.46	19.46		
15	256QAM	1	74	19.57	19.58	19.63		
15	256QAM	36	0	19.54	19.74	19.58	20	5
15	256QAM	36	20	19.54	19.65	19.54		
15	256QAM	36	39	19.51	19.76	19.58		
15	256QAM	75	0	19.40	19.58	19.44		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.24	24.33	25	0
10	QPSK	1	25	24.19	24.31	24.13		
10	QPSK	1	49	24.13	24.12	24.25		
10	QPSK	25	0	23.18	23.24	23.28	24	1
10	QPSK	25	12	23.30	23.31	23.09		
10	QPSK	25	25	23.34	23.25	23.15		
10	QPSK	50	0	23.38	23.44	23.15		
10	16QAM	1	0	23.54	23.45	23.51	24	1
10	16QAM	1	25	23.52	22.95	23.70		
10	16QAM	1	49	23.09	23.75	23.46		
10	16QAM	25	0	22.33	22.27	22.27	23	2
10	16QAM	25	12	22.38	22.30	22.26		
10	16QAM	25	25	22.17	22.27	22.32		
10	16QAM	50	0	22.35	22.24	22.26		
10	64QAM	1	0	22.10	22.23	22.59	23	2
10	64QAM	1	25	22.05	21.94	22.19		
10	64QAM	1	49	22.28	22.71	22.50		
10	64QAM	25	0	21.27	21.17	21.23	22	3
10	64QAM	25	12	21.18	21.21	21.41		
10	64QAM	25	25	21.44	21.37	21.25		
10	64QAM	50	0	21.40	21.27	21.18		
10	256QAM	1	0	19.76	19.65	19.68	20	5
10	256QAM	1	25	19.55	19.52	19.37		
10	256QAM	1	49	19.64	19.61	19.51		
10	256QAM	25	0	19.44	19.54	19.54	20	5
10	256QAM	25	12	19.47	19.65	19.54		
10	256QAM	25	25	19.54	19.73	19.64		
10	256QAM	50	0	19.44	19.52	19.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.27	24.26	24.16	25	0
5	QPSK	1	12	24.28	24.28	24.28		
5	QPSK	1	24	24.21	24.01	24.16		
5	QPSK	12	0	23.34	23.33	23.11	24	1
5	QPSK	12	7	23.28	23.33	23.14		
5	QPSK	12	13	23.34	23.40	23.17		
5	QPSK	25	0	23.34	23.44	23.20		
5	16QAM	1	0	23.64	23.57	23.60	24	1
5	16QAM	1	12	23.47	22.98	23.75		
5	16QAM	1	24	23.25	23.80	23.50		
5	16QAM	12	0	22.39	22.30	22.25	23	2
5	16QAM	12	7	22.39	22.25	22.23		
5	16QAM	12	13	22.26	22.28	22.35		
5	16QAM	25	0	22.39	22.25	22.26		
5	64QAM	1	0	22.13	22.23	22.57	23	2
5	64QAM	1	12	22.18	21.97	22.34		
5	64QAM	1	24	22.22	22.77	22.53		
5	64QAM	12	0	21.32	21.30	21.12	22	3
5	64QAM	12	7	21.17	21.27	21.32		
5	64QAM	12	13	21.32	21.41	21.37		
5	64QAM	25	0	21.34	21.24	21.24		
5	256QAM	1	0	19.57	19.65	19.56	20	5
5	256QAM	1	12	19.53	19.62	19.50		
5	256QAM	1	24	19.65	19.77	19.57		
5	256QAM	12	0	19.57	19.62	19.66	20	5
5	256QAM	12	7	19.49	19.65	19.57		
5	256QAM	12	13	19.42	19.58	19.54		
5	256QAM	25	0	19.55	19.68	19.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.28	24.28	25	0
3	QPSK	1	8	24.23	24.23	24.20		
3	QPSK	1	14	24.19	24.06	24.26		
3	QPSK	8	0	23.29	23.33	23.21	24	1
3	QPSK	8	4	23.21	23.23	23.10		
3	QPSK	8	7	23.23	23.42	23.09		
3	QPSK	15	0	23.28	23.30	23.17		
3	16QAM	1	0	23.67	23.45	23.54	24	1
3	16QAM	1	8	23.52	22.94	23.79		
3	16QAM	1	14	23.12	23.78	23.37		
3	16QAM	8	0	22.32	22.27	22.27	23	2
3	16QAM	8	4	22.29	22.18	22.28		
3	16QAM	8	7	22.12	22.30	22.33		
3	16QAM	15	0	22.26	22.25	22.39		
3	64QAM	1	0	22.15	22.17	22.47	23	2
3	64QAM	1	8	22.03	22.09	22.27		
3	64QAM	1	14	22.26	22.77	22.53		
3	64QAM	8	0	21.22	21.32	21.26	22	3
3	64QAM	8	4	21.17	21.22	21.39		
3	64QAM	8	7	21.42	21.20	21.22		
3	64QAM	15	0	21.39	21.24	21.25		
3	256QAM	1	0	19.71	19.79	19.66	20	5
3	256QAM	1	8	19.37	19.47	19.42		
3	256QAM	1	14	19.62	19.75	19.46		
3	256QAM	8	0	19.45	19.72	19.59	20	5
3	256QAM	8	4	19.60	19.53	19.45		
3	256QAM	8	7	19.56	19.75	19.44		
3	256QAM	15	0	19.56	19.51	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.34	24.27	25	0
1.4	QPSK	1	3	24.05	24.16	24.05		
1.4	QPSK	1	5	23.98	23.86	24.08		
1.4	QPSK	3	0	24.09	24.13	24.15		
1.4	QPSK	3	1	24.06	24.20	24.09		
1.4	QPSK	3	3	23.98	23.95	24.05		
1.4	QPSK	6	0	23.12	23.30	23.17	24	1
1.4	16QAM	1	0	23.47	23.53	23.52	24	1
1.4	16QAM	1	3	23.42	22.97	23.74		
1.4	16QAM	1	5	22.93	23.72	23.27		
1.4	16QAM	3	0	23.48	23.38	23.39		
1.4	16QAM	3	1	23.14	22.84	23.56		
1.4	16QAM	3	3	22.82	23.52	23.18		
1.4	16QAM	6	0	22.26	22.21	22.30	23	2
1.4	64QAM	1	0	22.00	22.11	22.57	23	2
1.4	64QAM	1	3	21.91	21.94	22.25		
1.4	64QAM	1	5	22.03	22.78	22.28		
1.4	64QAM	3	0	22.01	22.16	22.30		
1.4	64QAM	3	1	21.92	21.73	21.99		
1.4	64QAM	3	3	22.04	22.51	22.30		
1.4	64QAM	6	0	21.31	21.17	21.03	22	3
1.4	256QAM	1	0	19.65	19.67	19.52	20	5
1.4	256QAM	1	3	19.27	19.54	19.34		
1.4	256QAM	1	5	19.49	19.50	19.31		
1.4	256QAM	3	0	19.71	20.08	19.95		
1.4	256QAM	3	1	19.50	19.66	19.46		
1.4	256QAM	3	3	19.47	19.47	19.30		
1.4	256QAM	6	0	19.31	19.53	19.33	20	5

Band 26_Ant 1

BW [MHz]	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	23.97	24.04	24.03	25.5	0
15	QPSK	1	37	23.96	23.97	24.02		
15	QPSK	1	74	23.92	24.01	23.98		
15	QPSK	36	0	23.04	23.12	23.11	24.5	1
15	QPSK	36	20	23.08	23.01	23.09		
15	QPSK	36	39	23.01	23.07	23.00		
15	QPSK	75	0	23.02	23.08	23.01		
15	16QAM	1	0	23.30	22.91	23.18	24.5	1
15	16QAM	1	37	23.02	23.30	23.29		
15	16QAM	1	74	23.49	23.45	22.91		
15	16QAM	36	0	22.10	22.11	22.14	23.5	2
15	16QAM	36	20	22.12	22.10	22.13		
15	16QAM	36	39	22.25	22.12	22.03		
15	16QAM	75	0	22.17	22.16	22.04		
15	64QAM	1	0	22.50	22.35	21.99	23.5	2
15	64QAM	1	37	22.51	22.24	22.18		
15	64QAM	1	74	22.69	22.11	22.31		
15	64QAM	36	0	21.05	21.17	21.04	22.5	3
15	64QAM	36	20	21.11	21.14	21.15		
15	64QAM	36	39	21.03	21.23	21.26		
15	64QAM	75	0	21.12	21.07	21.09		
15	256QAM	1	0	19.30	19.43	19.29	20.5	5
15	256QAM	1	37	19.41	19.56	19.44		
15	256QAM	1	74	19.38	19.54	19.40		
15	256QAM	36	0	19.28	19.36	19.20	20.5	5
15	256QAM	36	20	19.34	19.45	19.19		
15	256QAM	36	39	19.30	19.41	19.29		
15	256QAM	75	0	19.24	19.40	19.59		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.91	23.99	23.94	25.5	0
10	QPSK	1	25	23.90	23.89	23.92		
10	QPSK	1	49	23.84	23.93	23.90		
10	QPSK	25	0	22.90	23.02	22.99	24.5	1
10	QPSK	25	12	23.02	22.97	22.96		
10	QPSK	25	25	22.91	22.99	22.90		
10	QPSK	50	0	22.96	22.99	22.92		
10	16QAM	1	0	23.14	22.97	23.08	24.5	1
10	16QAM	1	25	22.89	23.17	23.22		
10	16QAM	1	49	23.39	23.59	22.92		
10	16QAM	25	0	22.02	21.98	21.99	23.5	2
10	16QAM	25	12	22.01	21.96	22.05		
10	16QAM	25	25	22.13	22.00	22.09		
10	16QAM	50	0	22.12	22.00	21.93		
10	64QAM	1	0	22.40	22.21	21.93	23.5	2
10	64QAM	1	25	22.45	22.08	22.27		
10	64QAM	1	49	22.49	22.03	22.23		
10	64QAM	25	0	20.89	21.01	20.90	22.5	3
10	64QAM	25	12	21.13	21.01	21.01		
10	64QAM	25	25	20.91	21.15	21.10		
10	64QAM	50	0	20.97	20.91	21.00		
10	256QAM	1	0	19.47	19.50	19.19	20.5	5
10	256QAM	1	25	19.37	19.50	19.39		
10	256QAM	1	49	19.26	19.43	19.27		
10	256QAM	25	0	19.14	19.26	19.22	20.5	5
10	256QAM	25	12	19.15	19.14	19.11		
10	256QAM	25	25	19.18	19.25	19.24		
10	256QAM	50	0	19.14	19.26	19.22		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.97	23.89	23.92	25.5	0
5	QPSK	1	12	23.91	23.89	23.95		
5	QPSK	1	24	23.91	23.98	23.90		
5	QPSK	12	0	22.93	22.96	23.03	24.5	1
5	QPSK	12	7	23.00	22.94	22.98		
5	QPSK	12	13	22.95	22.95	22.97		
5	QPSK	25	0	22.95	22.95	22.89		
5	16QAM	1	0	23.23	22.90	23.09	24.5	1
5	16QAM	1	12	22.92	23.23	23.18		
5	16QAM	1	24	23.36	23.50	22.89		
5	16QAM	12	0	21.99	21.99	22.03	23.5	2
5	16QAM	12	7	22.00	22.00	22.03		
5	16QAM	12	13	22.12	22.01	22.09		
5	16QAM	25	0	22.03	22.02	21.97		
5	64QAM	1	0	22.38	22.19	21.93	23.5	2
5	64QAM	1	12	22.46	22.10	22.05		
5	64QAM	1	24	22.51	22.00	22.23		
5	64QAM	12	0	20.92	20.99	20.91	22.5	3
5	64QAM	12	7	21.06	21.00	21.06		
5	64QAM	12	13	20.96	21.15	21.13		
5	64QAM	25	0	20.97	20.93	20.93		
5	256QAM	1	0	19.25	19.35	19.15	20.5	5
5	256QAM	1	12	19.35	19.49	19.39		
5	256QAM	1	24	19.22	19.36	19.23		
5	256QAM	12	0	19.23	19.23	19.15	20.5	5
5	256QAM	12	7	19.14	19.14	19.05		
5	256QAM	12	13	19.22	19.30	19.23		
5	256QAM	25	0	19.17	19.29	19.14		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.90	23.97	25.5	0
3	QPSK	1	8	23.90	23.94	23.90		
3	QPSK	1	14	23.94	23.96	23.91		
3	QPSK	8	0	23.02	23.04	23.01	24.5	1
3	QPSK	8	4	23.00	22.92	22.95		
3	QPSK	8	7	22.97	22.94	22.95		
3	QPSK	15	0	22.90	22.98	22.93		
3	16QAM	1	0	23.23	23.36	23.05	24.5	1
3	16QAM	1	8	22.94	23.24	23.15		
3	16QAM	1	14	23.35	23.51	22.90		
3	16QAM	8	0	22.03	22.03	22.05	23.5	2
3	16QAM	8	4	21.98	21.94	22.00		
3	16QAM	8	7	22.18	22.04	22.16		
3	16QAM	15	0	22.05	22.07	21.95		
3	64QAM	1	0	22.41	22.29	21.93	23.5	2
3	64QAM	1	8	22.45	22.16	22.08		
3	64QAM	1	14	22.51	22.03	22.25		
3	64QAM	8	0	20.95	21.12	20.89	22.5	3
3	64QAM	8	4	21.11	20.97	21.01		
3	64QAM	8	7	21.15	21.17	21.16		
3	64QAM	15	0	21.08	20.94	21.02		
3	256QAM	1	0	19.17	19.38	19.19	20.5	5
3	256QAM	1	8	19.35	19.43	19.38		
3	256QAM	1	14	19.32	19.47	19.14		
3	256QAM	8	0	19.14	19.27	19.14	20.5	5
3	256QAM	8	4	19.12	19.14	19.04		
3	256QAM	8	7	19.21	19.31	19.17		
3	256QAM	15	0	19.09	19.32	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.99	24.02	24.00	25.5	0
1.4	QPSK	1	3	24.01	24.03	24.01		
1.4	QPSK	1	5	24.02	23.97	23.97		
1.4	QPSK	3	0	23.90	23.93	23.93		
1.4	QPSK	3	1	23.91	23.91	23.89		
1.4	QPSK	3	3	23.93	23.91	23.91		
1.4	QPSK	6	0	23.12	23.10	23.05	24.5	1
1.4	16QAM	1	0	23.34	22.91	23.26	24.5	1
1.4	16QAM	1	3	23.03	23.38	23.30		
1.4	16QAM	1	5	23.56	23.71	22.98		
1.4	16QAM	3	0	23.20	23.24	23.14		
1.4	16QAM	3	1	22.90	23.29	23.22		
1.4	16QAM	3	3	23.62	23.52	22.92		
1.4	16QAM	6	0	22.17	22.24	22.12	23.5	2
1.4	64QAM	1	0	22.56	22.37	21.99	23.5	2
1.4	64QAM	1	3	22.60	22.32	22.19		
1.4	64QAM	1	5	22.59	22.12	22.41		
1.4	64QAM	3	0	22.42	22.29	21.91		
1.4	64QAM	3	1	22.53	22.16	22.09		
1.4	64QAM	3	3	22.54	21.99	22.26		
1.4	64QAM	6	0	21.16	21.09	21.14	22.5	3
1.4	256QAM	1	0	19.29	19.51	19.37	20.5	5
1.4	256QAM	1	3	19.54	19.55	19.43		
1.4	256QAM	1	5	19.42	19.55	19.45		
1.4	256QAM	3	0	19.32	19.46	19.28		
1.4	256QAM	3	1	19.25	19.31	19.19		
1.4	256QAM	3	3	19.37	19.45	19.28		
1.4	256QAM	6	0	19.23	19.42	19.40	20.5	5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.43	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.30	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.80	20.85	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.90	19.45		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	18.52	18.54	18.38		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71	18	5
20	256QAM	1	49	16.85	16.71	16.55		
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60	18	5
20	256QAM	50	24	16.72	16.79	16.72		
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.31	20.21		
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.36	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.30	19.32		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.31	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.19	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09	23	0
10	QPSK	1	25	21.07	21.49	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.22	19.

Band 66_Ant 2

BW [MHz]	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	22.78	22.98	22.91		
20	QPSK	1	49	22.88	22.98	22.95	24	0
20	QPSK	1	99	22.96	22.85	22.88		
20	QPSK	50	0	22.45	22.52	22.55		
20	QPSK	50	24	22.54	22.53	22.58	23.5	0.5
20	QPSK	50	50	22.44	22.52	22.59		
20	QPSK	100	0	22.48	22.56	22.47		
20	16QAM	1	0	22.83	22.87	22.79		
20	16QAM	1	49	22.96	22.82	22.83	23.5	0.5
20	16QAM	1	99	22.58	22.82	22.36		
20	16QAM	50	0	21.58	21.51	21.6		
20	16QAM	50	24	21.6	21.56	21.67	22.5	1.5
20	16QAM	50	50	21.49	21.53	21.81		
20	16QAM	100	0	21.58	21.59	21.63		
20	64QAM	1	0	21.82	22.07	21.62		
20	64QAM	1	49	21.71	21.73	21.97	22.5	1.5
20	64QAM	1	99	21.8	21.82	21.59		
20	64QAM	50	0	20.6	20.47	20.66		
20	64QAM	50	24	20.59	20.61	20.61	21.5	2.5
20	64QAM	50	50	20.48	20.6	20.64		
20	64QAM	100	0	20.5	20.58	20.68		
20	256QAM	1	0	18.71	18.77	18.84		
20	256QAM	1	49	18.87	18.80	18.85	19.5	4.5
20	256QAM	1	99	18.92	18.85	18.78		
20	256QAM	50	0	18.67	18.64	18.80		
20	256QAM	50	24	18.79	18.78	18.67	19.5	4.5
20	256QAM	50	50	18.82	18.78	18.79		
20	256QAM	100	0	18.71	18.76	18.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.64	22.85	22.92		
15	QPSK	1	37	22.82	22.79	22.98	24	0
15	QPSK	1	74	22.9	22.74	22.78		
15	QPSK	36	0	22.25	22.53	22.39		
15	QPSK	36	20	22.55	22.46	22.47	23.5	0.5
15	QPSK	36	39	22.45	22.44	22.54		
15	QPSK	75	0	22.4	22.53	22.24		
15	16QAM	1	0	22.64	22.49	22.68		
15	16QAM	1	37	22.81	22.81	22.67	23.5	0.5
15	16QAM	1	74	22.55	22.68	22.22		
15	16QAM	36	0	21.48	21.31	21.46		
15	16QAM	36	20	21.45	21.44	21.54	22.5	1.5
15	16QAM	36	39	21.38	21.4	21.72		
15	16QAM	75	0	21.54	21.5	21.58		
15	64QAM	1	0	21.45	21.93	21.46		
15	64QAM	1	37	21.57	21.84	21.8	22.5	1.5
15	64QAM	1	74	21.59	21.76	21.49		
15	64QAM	36	0	20.41	20.39	20.56		
15	64QAM	36	20	20.53	20.46	20.51	21.5	2.5
15	64QAM	36	39	20.37	20.52	20.59		
15	64QAM	75	0	20.4	20.49	20.48		
15	256QAM	1	0	18.70	18.84	18.70		
15	256QAM	1	37	18.78	18.71	18.95	19.5	4.5
15	256QAM	1	74	18.82	18.84	18.69		
15	256QAM	36	0	18.66	18.66	18.77		
15	256QAM	36	20	18.79	18.64	18.62	19.5	4.5
15	256QAM	36	39	18.66	18.68	18.71		
15	256QAM	75	0	18.53	18.68	18.53		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.83	22.88	22.87		
10	QPSK	1	25	22.83	22.85	22.84	24	0
10	QPSK	1	49	22.87	22.67	22.74		
10	QPSK	25	0	22.21	22.61	22.37		
10	QPSK	25	12	22.51	22.51	22.36	23.5	0.5
10	QPSK	25	25	22.36	22.42	22.48		
10	QPSK	50	0	22.38	22.55	22.27		
10	16QAM	1	0	22.69	22.47	22.74		
10	16QAM	1	25	22.82	22.77	22.8	23.5	0.5
10	16QAM	1	49	22.53	22.77	22.25		
10	16QAM	25	0	21.52	21.32	21.48		
10	16QAM	25	12	21.57	21.43	21.49	22.5	1.5
10	16QAM	25	25	21.33	21.47	21.67		
10	16QAM	50	0	21.58	21.57	21.46		
10	64QAM	1	0	21.58	21.95	21.55		
10	64QAM	1	25	21.53	21.83	21.88	22.5	1.5
10	64QAM	1	49	21.6	21.87	21.83		
10	64QAM	25	0	20.55	20.31	20.48		
10	64QAM	25	12	20.58	20.53	20.45	21.5	2.5
10	64QAM	25	25	20.45	20.63	20.55		
10	64QAM	50	0	20.35	20.51	20.47		
10	256QAM	1	0	18.67	18.67	18.81		
10	256QAM	1	25	18.79	18.65	18.94	19.5	4.5
10	256QAM	1	49	18.81	18.81	18.76		
10	256QAM	25	0	18.69	18.55	18.75		
10	256QAM	25	12	18.79	18.63	18.64	19.5	4.5
10	256QAM	25	25	18.74	18.71	18.74		
10	256QAM	50	0	18.58	18.59	18.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.65	22.76	22.87		
5	QPSK	1	12	22.77	22.88	22.91	24	0
5	QPSK	1	24	22.91	22.65	22.65		
5	QPSK	12	0	22.25	22.54	22.43		
5	QPSK	12	7	22.5	22.47	22.48	23.5	0.5
5	QPSK	12	13	22.41	22.49	22.47		
5	QPSK	25	0	22.39	22.42	22.37		
5	16QAM	1	0	22.69	22.44	22.68		
5	16QAM	1	12	22.81	22.77	22.72	23.5	0.5
5	16QAM	1	24	22.47	22.79	22.23		
5	16QAM	12	0	21.48	21.41	21.55		
5	16QAM	12	7	21.54	21.49	21.55	22.5	1.5
5	16QAM	12	13	21.36	21.39	21.72		
5	16QAM	25	0	21.56	21.5	21.52		
5	64QAM	1	0	21.48	21.91	21.48		
5	64QAM	1	12	21.53	21.65	21.88	22.5	1.5
5	64QAM	1	24	21.68	21.79	21.53		
5	64QAM	12	0	20.47	20.3	20.57		
5	64QAM	12	7	20.58	20.47	20.42	21.5	2.5
5	64QAM	12	13	20.37	20.61	20.55		
5	64QAM	25	0	20.39	20.59	20.55		
5	256QAM	1	0	18.69	18.74	18.77		
5	256QAM	1	12	18.91	18.69	18.89	19.5	4.5
5	256QAM	1	24	18.84	18.79	18.68		
5	256QAM	12	0	18.64	18.56	18.70		
5	256QAM	12	7	18.79	18.68	18.63	19.5	4.5
5	256QAM	12	13	18.63	18.68	18.64		
5	256QAM	25	0	18.63	18.66	18.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.7	22.84	22.77		
3	QPSK	1	8	22.83	22.78	22.9	24	0
3	QPSK	1	14	22.5	22.63	22.68		
3	QPSK	8	0	22.34	22.52	22.4		
3	QPSK	8	4	22.45	22.44	22.38	23.5	0.5
3	QPSK	8	7	22.42	22.5	22.48		
3	QPSK	15	0	22.35	22.49	22.36		
3	16QAM	1	0	22.75	22.46	22.66		
3	16QAM	1	8	22.83	22.69	22.67	23.5	0.5
3	16QAM	1	14	22.51	22.76	22.23		
3	16QAM	8	0	21.6	21.45	21.57		
3	16QAM	8	4	21.51	21.58	21.44	22.5	1.5
3	16QAM	8	7	21.38	21.46	21.76		
3	16QAM	15	0	21.51	21.59	21.46		
3	64QAM	1	0	21.52	21.84	21.49		
3	64QAM	1	8	21.57	21.74	21.8	22.5	1.5
3	64QAM	1	14	21.64	21.87	21.58		
3	64QAM	8	0	20.55	20.42	20.46		
3	64QAM	8	4	20.46	20.45	20.41	21.5	2.5
3	64QAM	8	7	20.39	20.53	20.53		
3	64QAM	15	0	20.46	20.48	20.55		
3	256QAM	1	0	18.71	18.63	18.79		
3	256QAM	1	8	18.91	18.76	18.81	19.5	4.5
3	256QAM	1	14	18.87	18.69	18.73		
3	256QAM	8	0	18.61	18.58	18.63		
3	256QAM	8	4	18.82	18.65	18.65	19.5	4.5
3	256QAM	8	7	18.81	18.72	18.64		
3	256QAM	15	0	18.55	18.63	18.51		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.71	22.81	22.91		
1.4	QPSK	1	3	22.86	22.74	22.94		
1.4	QPSK	1	5	22.68	22.74	22.71	24	0
1.4	QPSK	3	0	22.25	22.55	22.43		
1.4	QPSK	3	1	22.57	22.44	22.39		
1.4	QPSK	3	3	22.37	22.4	22.5		
1.4	QPSK	6	0	22.43	22.43	22.39	23.5	0.5
1.4	16QAM	1	0	22.68	22.42	22.67		
1.4	16QAM	1	3	22.85	22.68	22.74		
1.4	16QAM	1	5	22.55	22.75	22.19	23.5	0.5
1.4	16QAM	3	0	21.56	21.46	21.44		
1.4	16QAM	3	1	21.52	21.47	21.47		
1.4	16QAM	3	3	21.34	21.44	21.72		
1.4	16QAM	6	0	21.56	21.45	21.57	22.5	1.5
1.4	64QAM	1	0	21.46	21.89	21.44		
1.4	64QAM	1	3	21.55	21.76	21.78		
1.4	64QAM	1	5	21.62	21.87	21.53	22.5	1.5
1.4	64QAM	3	0	20.52	20.35	20.53		
1.4	64QAM	3	1	20.47	20.47	20.41		
1.4	64QAM	3	3	20.41	20.57	20.53		
1.4	64QAM	6	0	20.49	20.57	20.5	21.5	2.5
1.4	256QAM	1	0	18.56	18.60	18.71		
1.4	256QAM	1	3	18.81	18.66	18.92		
1.4	256QAM	1	5	18.79	18.77	18.78	19.5	4.5
1.4	256QAM	3	0	18.56	18.58	18.76		
1.4	256QAM	3	1	18.74	18.71	18.57		
1.4	256QAM	3	3	18.60	18.73	18.66		
1.4	256QAM	6	0	18.62	18.61	18.59	19.5	4.5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.85	21.06	20.92		
20	QPSK	1	49	20.88	21.02	20.92	22.5	0
20	QPSK	1	99	20.91	21.05	20.97		
20	QPSK	50	0	20.84	20.97	20.94		
20	QPSK	50	24	20.73	20.96	20.87	22.5	0
20	QPSK	50	50	20.76	20.91	20.87		
20	QPSK	100	0	20.84	20.93	20.88		
20	16QAM	1	0	20.88	20.99	20.97		
20	16QAM	1	49	20.89	21.05	21.03	22.5	0
20	16QAM	1	99	20.82	21.01	20.95		
20	16QAM	50	0	20.66	20.77	20.70		
20	16QAM	50	24	20.81	20.91	20.87	22.5	0
20	16QAM	50	50	20.78	20.96	20.91		
20	16QAM	100	0	20.79	20.88	20.85		
20	64QAM	1	0	20.77	20.90	20.80		
20	64QAM	1	49	20.72	20.93	20.94	22.5	0
20	64QAM	1	99	20.75	20.96	21.00		
20	64QAM	50	0	19.77	20.14	20.19		
20	64QAM	50	24	20.01	20.08	20.11	21.5	1
20	64QAM	50	50	19.83	20.00	20.20		
20	64QAM	100	0	19.81	20.05	20.08		
20	256QAM	1	0	18.11	18.27	18.12		
20	256QAM	1	49	18.38	18.47	18.36	19.5	3
20	256QAM	1	99	18.17	18.23	18.15		
20	256QAM	50	0	18.05	18.16	18.09		
20	256QAM	50	24	18.04	18.21	18.06	19.5	3
20	256QAM	50	50	18.03	18.15	18.06		
20	256QAM	100	0	18.19	18.25	18.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.78	20.98	20.88		
15	QPSK	1	37	20.84	20.95	20.86	22.5	0
15	QPSK	1	74	20.83	20.99	20.87		
15	QPSK	36	0	20.79	20.91	20.83		
15	QPSK	36	20	20.61	20.92	20.83	22.5	0
15	QPSK	36	39	20.70	20.81	20.85		
15	QPSK	75	0	20.73	20.89	20.84		
15	16QAM	1	0	20.83	20.89	20.92		
15	16QAM	1	37	20.84	20.97	20.92	22.5	0
15	16QAM	1	74	20.76	20.94	20.84		
15	16QAM	36	0	20.64	20.72	20.65		
15	16QAM	36	20	20.69	20.85	20.76	22.5	0
15	16QAM	36	39	20.70	20.86	20.82		
15	16QAM	75	0	20.66	20.77	20.78		
15	64QAM	1	0	20.71	20.87	20.77		
15	64QAM	1	37	20.83	20.81	20.82	22.5	0
15	64QAM	1	74	20.66	20.86	20.91		
15	64QAM	36	0	19.75	20.12	20.13		
15	64QAM	36	20	19.97	19.98	20.03	21.5	1
15	64QAM	36	39	19.79	19.97	20.17		
15	64QAM	75	0	19.71	19.98	20.01		
15	256QAM	1	0	18.08	18.19	18.08		
15	256QAM	1	37	18.38	18.38	18.31	19.5	3
15	256QAM	1	74	18.08	18.21	18.07		
15	256QAM	36	0	17.96	18.11	18.02		
15	256QAM	36	20	17.97	18.10	18.01	19.5	3
15	256QAM	36	39	17.97	18.11	18.03		
15	256QAM	75	0	18.17	18.16	18.01		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.82	21.00	20.86		
10	QPSK	1	25	20.77	20.99	20.83	22.5	0
10	QPSK	1	49	20.80	20.99	20.85		
10	QPSK	25	0	20.81	20.91	20.87		
10	QPSK	25	12	20.66	20.89	20.83	22.5	0
10	QPSK	25	25	20.67	20.89	20.79		
10	QPSK	50	0	20.73	20.84	20.83		
10	16QAM	1	0	20.76	20.93	20.95		
10	16QAM	1	25	20.84	20.95	21.00	22.5	0
10	16QAM	1	49	20.80	20.92	20.85		
10	16QAM	25	0	20.53	20.64	20.66		
10	16QAM	25	12	20.78	20.89	20.74	22.5	0
10	16QAM	25	25	20.68	20.87	20.82		
10	16QAM	50	0	20.67	20.82	20.81		
10	64QAM	1	0	20.73	20.87	20.68		
10	64QAM	1	25	20.68	20.89	20.76	22.5	0
10	64QAM	1	49	20.63	20.87	20.93		
10	64QAM	25	0	19.75	20.06	20.15		
10	64QAM	25	12	19.89	20.03	20.08	21.5	1
10	64QAM	25	25	19.71	19.95	20.08		
10	64QAM	50	0	19.74	19.95	19.97		
10	256QAM	1	0	18.05	18.25	18.10		
10	256QAM	1	25	18.25	18.35	18.30	19.5	3
10	256QAM	1	49	18.11	18.21	18.13		
10	256QAM	25	0	18.00	18.07	17.99		
10	256QAM	25	12	17.98	18.16	17.98	19.5	3
10	256QAM	25	25	17.90	18.08	17.96		
10	256QAM	50	0	18.17	18.16	18.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.83	21.02	20.86		
5	QPSK	1	12	20.76	20.93	20.87	22.5	0
5	QPSK	1	24	20.78	20.94	20.90		
5	QPSK	12	0	20.76	20.93	20.94		
5	QPSK	12	7	20.67	20.84	20.77	22.5	0
5	QPSK	12	13	20.68	20.87	20.84		
5	QPSK	25	0	20.75	20.86	20.81		
5	16QAM	1	0	20.78	20.92	20.91		
5	16QAM	1	12	20.81	20.92	20.96	22.5	0
5	16QAM	1	24	20.75	20.97	20.93		
5	16QAM	12	0	20.60	20.71	20.68		
5	16QAM	12	7	20.70	20.88	20.78	22.5	0
5	16QAM	12	13	20.74	20.86	20.87		
5	16QAM	25	0	20.75	20.84	20.77		
5	64QAM	1	0	20.69	20.78	20.72		
5	64QAM	1	12	20.59	20.86	20.82	22.5	0
5	64QAM	1	24	20.69	20.93	20.98		
5	64QAM	12	0	19.72	20.04	20.08		
5	64QAM	12	7	19.94	20.02	19.98	21.5	1
5	64QAM	12	13	19.76	19.89	20.10		
5	64QAM	25	0	19.76	19.95	19.99		
5	256QAM	1	0	18.04	18.24	18.07		
5	256QAM	1	12	18.31	18.44	18.23	19.5	3
5	256QAM	1	24	18.05	18.21	18.11		
5	256QAM	12	0	18.01	18.14	17.96		
5	256QAM	12	7	18.00	18.19	18.03	19.5	3
5	256QAM	12	13	18.01	18.11	18.01		
5	256QAM	25	0	18.07	18.19	18.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.78	20.98	20.85		
3	QPSK	1	8	20.83	20.99	20.80	22.5	0
3	QPSK	1	14	20.85	20.96	20.88		
3	QPSK	8	0	20.77	20.89	20.91		
3	QPSK	8	4	20.65	20.89	20.83	22.5	0
3	QPSK	8	7	20.68	20.79	20.75		
3	QPSK	15	0	20.79	20.81	20.76		
3	16QAM	1	0	20.79	20.90	20.87		
3	16QAM	1	8	20.82	20.98	20.99	22.5	0
3	16QAM	1	14	20.75	20.95	20.85		
3	16QAM	8	0	20.63	20.66	20.66		
3	16QAM	8	4	20.73	20.83	20.77	22.5	0
3	16QAM	8	7	20.65	20.94	20.85		
3	16QAM	15	0	20.67	20.77	20.76		
3	64QAM	1	0	20.69	20.87	20.68		
3	64QAM	1	8	20.62	20.80	20.75	22.5	0
3	64QAM	1	14	20.68	20.86	20.90		
3	64QAM	8	0	19.68	20.02	20.14		
3	64QAM	8	4	19.94	19.98	20.07	21.5	1
3	64QAM	8	7	19.76	19.98	20.07		
3	64QAM	15	0	19.72	19.93	20.02		
3	256QAM	1	0	18.02	18.24	18.07		
3	256QAM	1	8	18.28	18.35	18.26	19.5	3
3	256QAM	1	14	18.07	18.21	18.13		
3	256QAM	8	0	18.01	18.07	17.96		
3	256QAM	8	4	18.01	18.19	17.98	19.5	3
3	256QAM	8	7	17.95	18.11	18.03		
3	256QAM	15	0	18.13	18.21	17.98		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.77	21.03	20.84		
1.4	QPSK	1	3	20.76	20.91	20.94		
1.4	QPSK	1	5	20.63	21.00	20.85	22.5	0
1.4	QPSK	3	0	20.78	20.92	20.83		
1.4	QPSK	3	1	20.64	20.89	20.80		
1.4	QPSK	3	3	20.71	20.78	20.76		
1.4	QPSK	6	0	20.79	20.83	20.79	22.5	0
1.4	16QAM	1	0	20.79	20.94	20.88		
1.4	16QAM	1	3	20.76	20.99	20.98		
1.4	16QAM	1	5	20.80	20.90	20.88	22.5	0
1.4	16QAM	3	0	20.60	20.69	20.65		
1.4	16QAM	3	1	20.76	20.79	20.85		
1.4	16QAM	3	3	20.76	20.88	20.78		
1.4	16QAM	6	0	20.71	20.83	20.80	22.5	0
1.4	64QAM	1	0	20.71	20.87	20.73		
1.4	64QAM	1	3	20.81	20.91	20.76		
1.4	64QAM	1	5	20.71	20.91	20.93	22.5	0
1.4	64QAM	3	0	20.74	20.89	20.75		
1.4	64QAM	3	1	20.63	20.94	20.77		
1.4	64QAM	3	3	20.74	20.94	20.94		
1.4	64QAM	6	0	19.69	19.97	19.96	21.5	1
1.4	256QAM	1	0	18.07	18.21	18.08		
1.4	256QAM	1	3	18.25	18.37	18.27		
1.4	256QAM	1	5	18.11	18.15	18.03	19.5	3
1.4	256QAM	3	0	17.96	18.08	18.06		
1.4	256QAM	3	1	17.98	18.18	17.95		
1.4	256QAM	3	3	17.95	18.13	17.95		
1.4	256QAM	6	0	18.15	18.16	18.04	19.5	3

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] 1-TRP	Power [dBm] DUTY(1-TRP)	Power [dBm] 1-TRP	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2600		
20	QPSK	1	0	19.67	19.62	19.76	21	0
20	QPSK	1	49	19.67	19.66	19.41		
20	QPSK	50	0	19.62	19.71	19.57		
20	QPSK	50	24	19.62	19.75	19.49		
20	QPSK	50	49	19.69	19.33	19.57	21	0
20	QPSK	100	0	19.74	19.52	19.50		
20	16QAM	1	0	19.71	19.73	19.42		
20	16QAM	1	49	19.79	19.77	19.53		
20	16QAM	50	0	19.55	19.42	19.60	21	0
20	16QAM	50	24	19.49	19.35	19.51		
20	16QAM	50	49	19.73	19.37	19.52		
20	16QAM	100	0	19.78	19.55	19.55	21	0
20	64QAM	1	0	19.65	19.39	19.42		
20	64QAM	1	49	19.67	19.47	19.44		
20	64QAM	50	0	19.64	19.62	19.67		
20	64QAM	50	24	19.29	19.78	19.32	21	0
20	64QAM	50	49	19.75	19.58	19.66		
20	64QAM	100	0	19.71	19.52	19.50		
20	256QAM	1	0	19.69	19.51	19.66	20	1
20	256QAM	50	0	19.76	19.58	19.40		
20	256QAM	50	24	19.65	19.49	19.57		
20	256QAM	50	49	19.62	19.69	19.49		
20	256QAM	100	0	19.73	19.79	19.67		
20	256QAM	1	99	19.70	19.66	19.70	18	3
20	256QAM	50	0	19.73	19.60	19.76		
20	256QAM	50	24	19.61	19.82	19.85		
20	256QAM	50	49	19.63	19.73	19.74		
20	256QAM	100	0	19.63	19.77	19.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2602.5		
15	QPSK	1	0	19.73	19.73	19.71	21	0
15	QPSK	1	37	19.47	19.62	19.31		
15	QPSK	1	74	19.59	19.60	19.56		
15	QPSK	36	0	19.52	19.67	19.45		
15	QPSK	36	20	19.60	19.51	19.50		
15	QPSK	36	39	19.69	19.43	19.40		
15	QPSK	75	0	19.63	19.63	19.37		
15	16QAM	1	0	19.75	19.70	19.50	21	0
15	16QAM	1	37	19.46	19.31	19.56		
15	16QAM	1	74	19.39	19.29	19.40		
15	16QAM	36	0	19.66	19.32	19.40		
15	16QAM	36	20	19.67	19.49	19.40	21	0
15	16QAM	36	39	19.56	19.32	19.34		
15	16QAM	75	0	19.62	19.39	19.34		
15	64QAM	1	0	19.60	19.56	19.62		
15	64QAM	1	37	19.23	19.62	19.24	21	0
15	64QAM	1	74	19.49	19.46	19.38		
15	64QAM	36	0	19.62	19.43	19.38		
15	64QAM	36	20	19.59	19.46	19.40	20	1
15	64QAM	36	39	19.62	19.43	19.40		
15	64QAM	75	0	19.74	19.32	19.40		
15	256QAM	1	0	19.42	19.63	19.60	18	3
15	256QAM	1	37	19.44	19.72	19.64		
15	256QAM	1	74	19.69	19.60	19.64		
15	256QAM	36	0	19.69	19.79	19.71		
15	256QAM	36	20	19.62	19.77	19.71	18	3
15	256QAM	36	39	19.57	19.72	19.71		
15	256QAM	75	0	19.72	19.67	19.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2605		
10	QPSK	1	0	19.73	19.73	19.71	21	0
10	QPSK	1	24	19.61	19.59	19.36		
10	QPSK	1	49	19.62	19.62	19.62		
10	QPSK	25	0	19.61	19.73	19.41		
10	QPSK	25	12	19.69	19.20	19.60	21	0
10	QPSK	25	25	19.69	19.49	19.40		
10	QPSK	50	0	19.60	19.62	19.30		
10	16QAM	1	0	19.69	19.79	19.40		
10	16QAM	1	24	19.45	19.39	19.58	21	0
10	16QAM	1	49	19.41	19.39	19.46		
10	16QAM	25	0	19.69	19.49	19.46		
10	16QAM	25	12	19.77	19.49	19.53	21	0
10	16QAM	25	25	19.63	19.37	19.36		
10	16QAM	50	0	19.59	19.49	19.41		
10	64QAM	1	0	19.60	19.62	19.27		
10	64QAM	1	24	19.21	19.79	19.20	21	0
10	64QAM	1	49	19.63	19.60	19.27		
10	64QAM	25	0	19.60	19.41	19.46		
10	64QAM	25	12	19.60	19.62	19.27		
10	64QAM	25	25	19.73	19.45	19.41	20	1
10	64QAM	50	0	19.63	19.47	19.21		
10	256QAM	1	0	19.40	19.62	19.62		
10	256QAM	1	24	19.62	19.73	19.58	18	3
10	256QAM	1	49	19.69	19.58	19.66		
10	256QAM	25	0	19.62	19.73	19.58		
10	256QAM	25	12	19.77	19.73	19.74	18	3
10	256QAM	25	25	19.61	19.62	19.70		
10	256QAM	50	0	19.53	19.77	19.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	19.73	19.62	19.74	21	0
5	QPSK	1	12	19.47	19.61	19.30		
5	QPSK	1	24	19.59	19.60	19.58		
5	QPSK	12	0	19.62	19.79	19.37		
5	QPSK	12	7	19.60	19.21	19.56		
5	QPSK	12	13	19.72	19.43	19.40		
5	QPSK	25	0	19.64	19.67	19.32		
5	16QAM	1	0	19.68	19.60	19.40	21	0
5	16QAM	1	12	19.60	19.62	19.32		
5	16QAM	1	24	19.39	19.28	19.40		
5	16QAM	12	0	19.73	19.58	19.46		
5	16QAM	12	7	19.78	19.51	19.44	21	0
5	16QAM	12	13	19.62	19.62	19.34		
5	16QAM	25	0	19.60	19.43	19.34		
5	64QAM	1	0	19.60	19.62	19.62		
5	64QAM	1	12	19.24	19.72	19.25	21	0
5	64QAM	1	24	19.64	19.64	19.60		
5	64QAM	12	0	19.62	19.39	19.40		
5	64QAM	12	7	19.62	19.44	19.40	20	1
5	64QAM	12	13	19.62	19.38	19.39		
5	64QAM	25	0	19.74	19.39	19.37		
5	256QAM	1	0	19.46	19.61	19.60		
5	256QAM	1	12	19.58	19.62	19.30	18	3
5	256QAM	1	24	19.62	19.58	19.57		
5	256QAM	12	0	19.62	19.62	19.70		
5	256QAM	12	7	19.78	19.69	19.70	18	3
5	256QAM	12	13	19.58	19.77	19.66		
5	256QAM	25	0	19.58	19.64	19.46		

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] 1-TRP	Power [dBm] DUTY(1-TRP)	Power [dBm] 1-TRP	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2600		
20	QPSK	1	0	19.42	19.42	19.21	20.5	0
20	QPSK	1	49	19.2	19.26	19.1		
20	QPSK	50	0	19.11	19.12	19.23		
20	QPSK	50	24	19.21	19.41	19.29		
20	QPSK	50	49	19.05	18.91	19.09	20.5	0
20	QPSK	100	0	19.29	19.19	19.14		
20	16QAM	1	0	19.08	19.36	19.06		
20	16QAM	1	49	19.27	19.25	19.05		
20	16QAM	50	0	19.32	19.07	19.06	20.5	0
20	16QAM	50	24	19.09	19.03	18.82		
20	16QAM	50	49	19.41	19.12	19.04		
20	16QAM	100	0	19.91	19.07	19.14	20.5	0
20	64QAM	1	0	19.21	18.96	19.09		
20	64QAM	1	49	19.39	19.17	19.16		
20	64QAM	50	0	19.08	19.07	19.06		
20	64QAM	50	24	19.62	19.28	19.38	20.5	0
20	64QAM	50	49	19.45	19.06	19.13		
20	64QAM	100	0	19.17	19.2	19.17		
20	256QAM	1	0	19.33	19.12	19.24	19	1.5
20	256QAM	1	99	17.79	17.96	17.8		
20	256QAM	50	0	17.49	17.36	17.37		
20	256QAM	50	24	17.49	17.61	17.38		
20	256QAM	50	49	17.77	17.85	17.78		
20	256QAM	100	0	17.67	17.71	17.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2602.5		
15	QPSK	1	0	19.3	19.62	19.31	20.5	0
15	QPSK	1	37	19.14	19.17	18.97		
15	QPSK	1	74	19.04	19.03	19.16		
15	QPSK	36	0	19.12	19.39	19.16		
15	QPSK	36	20	19.15	19.11	19.05		
15	QPSK	36	39	19.22	19.11	19.1		
15	QPSK	75	0	19	19.05	19.07		
15	16QAM	1	0	19.17	19.18	19.21	20.5	0
15	16QAM	1	37	19.08	19.05	19.04		
15	16QAM	1	74	18.97	18.96	18.73		
15	16QAM	36	0	19.34	19.05	19.05		
15	16QAM	36	20	18.83	18.96	19.1	20.5	0
15	16QAM	36	39	19.11	19.06	19.03		
15	16QAM	75	0	19.21	18.98	19.03		
15	64QAM	1	0	19.16	19.12	19.2		
15	64QAM	1	37	19.05	19.02	19.12	20.5	0
15	64QAM	1	74	18.98	18.77	18.97		
15	64QAM	36	0	19.74	19.26	19.26		
15	64QAM	36	20	19.39	18.99	19.03	20.5	0
15	64QAM	36	39	19.04	19.16	19.11		
15	64QAM	75	0	19.36	19.08	19.17		
15	256QAM	1	0	17.7	17.87	17.7	19	1.5
15	256QAM	1	37	17.39	17.46	17.45		
15	256QAM	1	74	17.42	17.47	17.23		
15	256QAM	36	0	17.71	17.72	17.49		
15	256QAM	36	20	17.71	17.92	17.65		
15	256QAM	36	39	17.67	17.89	17.72		
15	256QAM	75	0	17.69	17.91	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2605		
10	QPSK	1	0	19.26	19.46	19.31	20.5	0
10	QPSK	1	25	19.12	19.21	18.97		
10	QPSK	1	49	19.09	19.08	19.19		
10	QPSK	25	0	19.18	19.38	19.26		
10	QPSK	25	12	19.13	19.18	19.09	20.5	0
10	QPSK	25	25	19.21	19.13	19.06		
10	QPSK	50	0	19.06	19.18	19.04		
10	16QAM	1	0	19.23	19.16	19.16		
10	16QAM	1	25	19.26	19.38	19.09	20.5	0
10	16QAM	1	49	19.04	18.96	18.75		
10	16QAM	25	0	19.34	19.06	19.09		
10	16QAM	25	12	18.97	18.99	19.06	20.5	0
10	16QAM	25	25	19.14	19.08	19.01		
10	16QAM	50	0	19.27	19.15	19.07		
10	64QAM	1	0	19.21	19.08	19.2		
10	64QAM	1	25	19.01	19.05	19.12	20.5	0
10	64QAM	1	49	19.3	19.15	19.03		
10	64QAM	25	0	19.12	19.21	19.32		
10	64QAM	25	12	19.31	19.01	19.03		
10	64QAM	25	25	19.09	19.09	19.13		
10	64QAM	50	0	19.02	19.08	19.13		
10	256QAM	1	0	17.76	17.82	17.79	19	1.5
10	256QAM	1	25	17.44	17.47	17.29		
10	256QAM	1	49	17.61	17.61	17.29		
10	256QAM	25	0	17.79	17.74	17.64		
10	256QAM	25	12	17.75	17.89	17.69	19	1.5
10	256QAM	25	25	17.74	17.79	17.72		
10	256QAM	50	0	17.66	17.85	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	19.48	19.41	19.4	20.5	0
5	QPSK	1	12	19.16	19.16	18.98		
5	QPSK	1	24	19.07	19.02	19.19		
5	QPSK	12	0	19.16	19.35	19.17		
5	QPSK	12	7	19.15	19.12	19.09		
5	QPSK	12	13	19.25	19.13	19.07	20.5	0
5	QPSK	25	0	19.06	19.38	19.03		
5	16QAM	1	0	19.2	19.2	19.22		
5	16QAM	1	12	19.02	19.05	19.03	20.5	0
5	16QAM	1	24	18.98	19.01	18.75		
5	16QAM	12	0	19.3	19.08	19.06		
5	16QAM	12	7	18.78	18.92	19.12	20.5	0
5	16QAM	12	13	19.11	19.06	19.11		
5	16QAM	25	0	19.29	19.13	19.03		
5	64QAM	1	0	19.16	19.11	19.2		
5	64QAM	1	12	19.13	19.01	19.09	20.5	0
5	64QAM	1	24	19.08	19.11	18.94		
5	64QAM	12	0	19.31	19.08	19.08		
5	64QAM	12	7	19.09	19.08	19.09	20.5	0
5	64QAM	12	13	19.21	19.06	19.11		
5	64QAM	25	0	19.41	19.13	19.03		
5	256QAM	1	0	17.7	17.9	17.7	19	1.5
5	256QAM	1	12	17.34	17.46	17.32		
5	256QAM	1	24	17.58	17.36	17.31		
5	256QAM	12	0	17.66	17.82	17.62		
5	256QAM	12	7	17.73	17.86	17.69	19	1.5
5	256QAM	12	13	17.79	17.77	17.64		
5	256QAM	25	0	17.61	17.65	17.53		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] 1-TRP	Power [dBm] DUTY(1-TRP)	Power [dBm] 1-TRP	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2600		
20	QPSK	1	0	23.38	23.67	23.47	24.5	0
20	QPSK	1	49	23.31	23.12	23.16		
20	QPSK	50	0	23.32	23.53	23.11		
20	QPSK	50	24	23.3	23.45	23.07		
20	QPSK	50	49	23.19	23.3	23.37		
20	QPSK	100	0	23.26	23.3	23.24		
20	16QAM	1	0	23.07	23.13	23.1		
20	16QAM	1	49	22.98	22.92	23		
20	16QAM	50	0	23.15	23.09	23	24.5	0
20	16QAM	50	24	22.95	23.08	23.17		
20	16QAM	50	49	23.12	22.99	22.19		
20	16QAM	100	0	22.98	22.27	23.06	23.5	1
20	64QAM	1	0	22.39	22.11	22.15		
20	64QAM	1	49	22.29	22.1	22.09		
20	64QAM	50	0	22.37	22.09	22.08		
20	64QAM	50	24	22.43	21.95	21.87	23.5	1
20	64QAM	50	49	22.12	22.19	22.06		
20	64QAM	100	0	21.27	21.11	21.14		
20	256QAM	1	0	21.91	21.13	21.19	22.5	2
20	256QAM	50	0	21.46	21.12	21.26		
20	256QAM	50	24	21.4	21.52	21.22		
20	256QAM	50	49	19.45	19.51	19.49		
20	256QAM	100	0	19.31	19.39	19.39	20.5	4
20	256QAM	1	99	19.31	19.41	19.19		
20	256QAM	50	0	19.31	19.39	19.33		
20	256QAM	50	24	19.44	19.34	19.35	20.5	4
20	256QAM	50	49	19.39	19.47	19.39		
20	256QAM	100	0	19.41	19.43	19.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2602.5		
15	QPSK	1	0	23.24	23.46	23.16	24.5	0
15	QPSK	1	37	23.23	23.02	23.14		
15	QPSK	1	74	23.19	22.99	23.06		
15	QPSK	36	0	23.23	23.4	23.05		
15	QPSK	36	20	23.13	23.21	23.29		
15	QPSK	36	39	23.22	23.25	23.15		
15	QPSK	75	0	22.94	23.01	23.06		
15	16QAM	1	0	22.88	22.8	22.96	24.5	0
15	16QAM	1	37	23.08	23.03	22.96		
15	16QAM	1	74	22.86	23.04	23.13		
15	16QAM	36	0	22.92	22.93	23.11		
15	16QAM	36	20	22.29	22.35	21.96	23.5	1
15	16QAM	36	39	22.32	22.93	22.92		
15	16QAM	75	0	22.22	22.01	22.02		
15	64QAM	1	0	22.32	22.94	22.98		
15	64QAM	1	37	22.34	21.83	21.84	23.5	1
15	64QAM	1	74	21.98	22.12	21.95		
15	64QAM	36	0	21.24	21.02	21.1		
15	64QAM	36	20	21.39	21.69	21.13		
15	64QAM	36	39	21.33	21.65	21.22	22.5	2
15	64QAM	75	0	21.27	20.99	21.19		
15	256QAM	1	0	19.34	19.42	19.49		
15	256QAM	1	37	17.39	17.46	17.45	20.5	4
15	256QAM	1	74	19.22	19.20	19.12		
15	256QAM	36	0	19.29	19.21	19.19		
15	256QAM	36	20	19.34	19.26	19.22	20.5	4
15	256QAM	36	39	19.23	19.42	19.19		
15	256QAM	75	0	19.31	19.41	19.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2605		
10	QPSK	1	0	23.2	23.43	23.2	24.5	0
10	QPSK	1	25	23.19	23.04	23.11		
10	QPSK	1	49	23.29	23.03	23.09		
10	QPSK	25	0	23.23	23.4	23.03		
10	QPSK	25	12	23.09	23.19	23.3	24.5	0
10	QPSK	25	25	23.19	23.23	23.22		
10	QPSK	50	0	23.04	23.05	23.06		
10	16QAM	1	0	22.97	22.9	22.88		
10	16QAM	1	25	23.02	22.95	23.11	24.5	0
10	16QAM	1	49	22.88	22.95	23.11		
10	16QAM	25	0	22.93	22.97	22.72		
10	16QAM	25	12	22.34	22.23	21.96	23.5	1
10	16QAM	25	25	22.94	22.91	22.11		
10	16QAM	50	0	22.19	23.04	22.03		
10	64QAM	1	0	22.3	21.86	22.04		
10	64QAM	1	25	22.27	21.84	21.81	23.5	1
10	64QAM	1	49	22.3	21.75	21.93		
10	64QAM	25	0	21.33	21.08	21.09		
10	64QAM	25	12	21.48	21.63	21.66	22.5	2
10	64QAM	25	25	21.37	21.07	21.21		
10	64QAM	50	0	21.2	21	21.17		
10	256QAM	1	0	19.38	19.43	19.39		
10	256QAM	1	25	19.26	19.31	19.31	20.5	4
10	256QAM	1	49	19.23	19.33	19.05		
10	256QAM	25	0	19.24	19.27	19.23		
10	256QAM	25	12	19.41	19.29	19.25	20.5	4
10	256QAM	25	25	19.31	19.41	19.23		
10	256QAM	50	0	19.34	19.39	19.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	23.12	23.42	23.42	24.5	0
5	QPSK	1	12	23.25	23.07	23.05		
5	QPSK	1	24	23.24	23.02	23.2		
5	QPSK	12	0	23.24	23.32	23.03		
5	QPSK	12	7	23.09	23.2	23.33		
5	QPSK	12	13	23.19	23.23	23.13	24.5	0
5	QPSK	25	0	23.06	23.38	23.03		
5	16QAM	1	0	22.92	22.89	22.9		
5	16QAM	1	12	22.99	22.95	22.94	24.5	0
5	16QAM	1	24	22.89	22.95	23.14		
5	16QAM	12	0	23.3	23.08	23.06		
5	16QAM	12	7	22.77	22.79	21.99	23.5	1
5	16QAM	12	13	23.01	22.94	22.11		
5	16QAM	25	0	22.23	22.09	22		
5	64QAM	1	0	22.32	22.1	22.15		
5	64QAM	1	12	22.39	21.82	21.75	23.5	1
5	64QAM	1	24	22.39	21.73	21.91		
5	64QAM	12	0	21.33	21.07	21.04		
5	64QAM	12	7	21.47	21.07	21.16	22.5	2
5	64QAM	12	13	21.42	20.99	21.24		
5	64QAM	25	0	21.39	21.09	21.09		
5	256QAM	1	0	19.41	19.49	19.43		
5	256QAM	1	12	19.35	19.33	19.34	20.5	4
5	256QAM	1	24	19.26	19.33	19.14		
5	256QAM	12	0	19.27	19.27	19.25		
5	256QAM	12	7	19.38	19.27	19.33	20.5	4
5	256QAM	12	13	19.36	19.33	19.25		
5	256QAM	25	0	19.34	19.39	19.25		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] 1-TRP	Power [dBm] DUTY(1-TRP)	Power [dBm] 1-TRP	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2600		
20	QPSK	1	0	22.59	22.66	22.52	23.7	0
20	QPSK	1	49	22.37	22.53	22.31		
20	QPSK	50	0	22.42	22.53	22.46		
20	QPSK	50	24	22.59	22.64	22.53		
20	QPSK	50	49	22.44	22.62	22.47		
20	QPSK	100	0	22.45	22.63	22.60		
20	16QAM	1	0	22.49	22.61	22.46		
20	16QAM	1	49	22.45	22.62	22.46		
20	16QAM	50	0	22.55	22.64	22.39	23.7	0
20	16QAM	50	24	22.47	22.58	22.46		
20	16QAM	50	49	22.46	22.64	22.37		
20	16QAM	100	0	22.53	22.63	22.53	23.7	0
20	64QAM	1	0	22.58	22.65	22.53		
20	64QAM	1	49	22.47	22.64	22.50		
20	64QAM	50	0	22.54	22.65	22.39		
20	64QAM	50	24	22.57	22.63	22.52	23.7	0
20	64QAM	50	49	22.49	22.61	22.39		
20	64QAM

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Mid Ch [dBm]	Power High Ch [dBm]	Power Ch 1300 [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				39750	40185	40620	41055	41490	
Frequency [MHz]				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.67	19.92	20.07	19.56	19.92	
20	QPSK	1	49	19.64	19.91	19.97	19.92	19.92	21
20	QPSK	50	0	19.59	19.91	20	19.56	19.96	0
20	QPSK	50	0	19.76	19.91	19.92	19.91	19.72	
20	QPSK	50	25	19.73	19.77	19.76	19.73	19.92	21
20	QPSK	50	50	19.79	19.71	19.79	19.92	19.81	0
20	16QAM	1	0	19.71	19.8	19.89	19.56	19.92	
20	16QAM	1	49	19.75	19.83	19.77	19.76	19.72	21
20	16QAM	50	0	19.7	19.75	19.72	19.66	19.71	0
20	16QAM	1	99	19.72	19.87	19.91	19.71	19.66	
20	16QAM	50	25	19.71	19.76	19.77	19.76	19.92	21
20	16QAM	50	24	19.72	19.85	19.91	19.78	19.66	0
20	16QAM	50	50	19.81	19.84	19.78	19.7	19.74	
20	16QAM	100	0	19.71	19.79	19.89	19.66	19.61	
20	16QAM	1	0	19.76	19.83	19.81	19.67	19.66	
20	16QAM	1	49	19.77	19.8	19.77	19.76	19.69	21
20	16QAM	50	0	19.73	19.8	19.81	19.76	19.61	0
20	16QAM	50	0	19.64	19.72	19.79	19.59	19.56	
20	16QAM	50	25	19.8	19.7	19.77	19.66	19.59	20
20	16QAM	50	50	19.68	19.78	19.69	19.62	19.52	1
20	16QAM	100	0	19.68	19.78	19.71	19.66	19.62	
20	256QAM	1	0	19.04	19.68	19.62	19.56	19.59	
20	256QAM	1	49	19.57	19.71	19.74	19.64	19.57	
20	256QAM	1	99	19.49	19.73	19.67	19.57	19.55	
20	256QAM	50	0	19.55	19.74	19.76	19.57	19.42	18
20	256QAM	50	24	19.56	19.66	19.77	19.53	19.52	3
20	256QAM	50	50	19.58	19.69	19.65	19.53	19.58	
20	256QAM	100	0	19.69	19.79	19.67	19.52	19.65	
Channel				39775	40210	40645	41080	41515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510.5	2554.0	2597.5	2641.0	2684.5		
15	QPSK	1	0	19.79	19.84	19.89	19.6	19.85	
15	QPSK	1	37	19.74	19.82	19.87	19.81	19.87	21.00
15	QPSK	1	74	19.69	19.84	19.8	19.81	19.81	0
15	QPSK	36	0	19.73	19.79	19.81	19.69	19.81	
15	QPSK	36	20	19.67	19.71	19.68	19.74	19.79	21
15	QPSK	36	39	19.73	19.82	19.69	19.71	19.79	0
15	QPSK	75	0	19.63	19.68	19.74	19.65	19.76	
15	16QAM	1	0	19.71	19.77	19.73	19.67	19.81	
15	16QAM	1	37	19.59	19.75	19.65	19.66	19.82	21
15	16QAM	1	74	19.69	19.81	19.77	19.6	19.84	0
15	16QAM	36	0	19.6	19.66	19.79	19.7	19.84	
15	16QAM	36	20	19.7	19.78	19.76	19.66	19.83	21
15	16QAM	36	39	19.7	19.77	19.72	19.66	19.82	0
15	16QAM	75	0	19.69	19.7	19.64	19.67	19.67	
15	16QAM	1	0	19.72	19.78	19.76	19.66	19.82	
15	16QAM	1	37	19.66	19.74	19.73	19.74	19.82	21
15	16QAM	1	74	19.66	19.76	19.69	19.66	19.46	0
15	16QAM	36	0	19.62	19.61	19.69	19.51	19.52	
15	16QAM	36	20	19.69	19.64	19.72	19.59	19.46	
15	16QAM	36	39	19.58	19.76	19.68	19.54	19.43	20
15	16QAM	75	0	19.64	19.76	19.63	19.52	19.57	1
15	256QAM	1	0	19.61	19.65	19.53	19.46	19.46	
15	256QAM	1	37	19.48	19.67	19.66	19.42	19.52	
15	256QAM	1	74	19.42	19.68	19.57	19.52	19.49	
15	256QAM	36	0	19.64	19.76	19.67	19.52	19.36	18
15	256QAM	36	20	19.45	19.67	19.64	19.44	19.42	3
15	256QAM	36	39	19.49	19.53	19.62	19.45	19.52	
15	256QAM	75	0	19.48	19.63	19.62	19.33	19.51	
Channel				39800	40235	40670	41105	41540	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2515.0	2558.5	2602	2645.5	2689.0		
10	QPSK	1	0	19.84	19.93	19.89	19.91	19.49	
10	QPSK	1	25	19.81	19.86	19.93	19.91	19.82	21.00
10	QPSK	1	49	19.9	19.91	19.88	19.92	19.76	0
10	QPSK	25	0	19.8	19.82	19.74	19.7	19.7	
10	QPSK	25	12	19.83	19.72	19.79	19.91	19.81	21
10	QPSK	25	25	19.68	19.8	19.72	19.7	19.79	0
10	16QAM	1	0	19.84	19.76	19.79	19.91	19.77	
10	16QAM	1	25	19.68	19.81	19.81	19.76	19.82	
10	16QAM	1	49	19.83	19.86	19.72	19.87	19.87	21
10	16QAM	25	0	19.9	19.91	19.88	19.92	19.76	0
10	16QAM	25	12	19.82	19.79	19.76	19.89	19.86	
10	16QAM	25	25	19.77	19.8	19.69	19.93	19.82	21
10	16QAM	50	0	19.81	19.79	19.77	19.91	19.92	0
10	16QAM	50	0	19.71	19.79	19.69	19.89	19.82	
10	16QAM	50	25	19.71	19.79	19.69	19.89	19.82	21
10	16QAM	50	50	19.82	19.79	19.74	19.69	19.92	0
10	16QAM	25	0	19.82	19.76	19.76	19.58	19.46	
10	16QAM	25	12	19.67	19.68	19.73	19.63	19.42	
10	16QAM	25	25	19.63	19.74	19.63	19.62	19.43	20
10	16QAM	50	0	19.68	19.68	19.72	19.47	19.46	1
10	16QAM	1	0	19.61	19.62	19.59	19.49	19.46	
10	16QAM	1	25	19.47	19.68	19.74	19.54	19.46	
10	16QAM	1	49	19.53	19.66	19.72	19.49	19.52	18
10	16QAM	25	0	19.41	19.61	19.59	19.46	19.46	
10	16QAM	25	12	19.48	19.74	19.59	19.46	19.46	
10	16QAM	25	25	19.48	19.59	19.58	19.46	19.46	18
10	16QAM	50	0	19.54	19.58	19.61	19.52	19.46	3
10	16QAM	50	0	19.54	19.65	19.65	19.41	19.46	
Channel				39825	40260	40695	41130	41565	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2516.5	2560.0	2603	2646.5	2690.0		
8	QPSK	1	0	19.49	19.47	19.67	19.52	19.46	
8	QPSK	1	12	19.77	19.66	19.65	19.61	19.58	21.00
8	QPSK	1	24	19.69	19.68	19.69	19.68	19.77	0
8	QPSK	12	0	19.72	19.63	19.8	19.71	19.58	
8	QPSK	12	7	19.71	19.67	19.73	19.73	19.71	21
8	QPSK	12	13	19.72	19.61	19.7	19.77	19.7	0
8	QPSK	12	25	19.68	19.72	19.73	19.68	19.76	
8	16QAM	1	0	19.7	19.75	19.75	19.66	19.68	
8	16QAM	1	12	19.73	19.71	19.69	19.74	19.68	21
8	16QAM	1	24	19.63	19.8	19.74	19.6	19.62	0
8	16QAM	12	0	19.67	19.7	19.75	19.63	19.58	
8	16QAM	12	7	19.68	19.75	19.7	19.7	19.62	21
8	16QAM	12	13	19.7	19.72	19.71	19.68	19.73	0
8	16QAM	12	25	19.69	19.67	19.77	19.66	19.55	
8	16QAM	1	0	19.68	19.81	19.73	19.55	19.52	
8	16QAM	1	12	19.73	19.69	19.67	19.72	19.57	21
8	16QAM	1	24	19.61	19.71	19.74	19.66	19.52	0
8	16QAM	12	0	19.55	19.62	19.75	19.58	19.46	
8	16QAM	12	7	19.64	19.66	19.63	19.46	19.46	
8	16QAM	12	13	19.57	19.67	19.62	19.55	19.47	20
8	16QAM	12	25	19.63	19.72	19.62	19.52	19.57	1
8	256QAM	1	0	19.44	19.61	19.63	19.44	19.46	
8	256QAM	1	12	19.47	19.58	19.58	19.44	19.52	
8	256QAM	1	24	19.46	19.66	19.55	19.54	19.46	
8	256QAM	12	0	19.51	19.71	19.55	19.46	19.46	18
8	256QAM	12	7	19.45	19.64	19.65	19.42	19.47	3
8	256QAM	12	13	19.47	19.58	19.58	19.52	19.46	
8	256QAM	12	25	19.54	19.61	19.65	19.41	19.46	

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Mid Ch [dBm]	Power High Ch [dBm]	Power Ch 1300 [dBm]	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	20.81	20.79	21.06	20.52	20.69	
20	QPSK	1	49	21.01	20.85	20.73	20.8	20.66	22
20	QPSK	50	0	20.91	20.73	20.64	20.56	20.58	0
20	QPSK	50	0	20.96	20.94	20.96	20.81	20.79	
20	QPSK	50	25	20.93	20.96	20.79	20.86	20.79	22
20	QPSK	50	50	20.95	20.87	20.74	20.94	20.66	0
20	16QAM	1	0	21.13	20.89	21.11	20.82	20.73	
20	16QAM	1	49	21.07	21.03	20.77	20.72	20.53	22
20	16QAM	50	0	20.97	20.93	20.94	20.52	20.66	0
20	16QAM	1	99	20.97	20.93	20.94	20.52	20.66	
20	16QAM	50	25	21.09	21.04	20.77	20.82	20.53	22
20	16QAM	50	24	21.11	21.15	20.84	20.91	20.67	0
20	16QAM	50	50	21.05	20.96	20.96	20.9	20.69	
20	16QAM	100	0	21.05	21.06	20.86	20.94	20.62	
20	16QAM	1	0	21.13	21.07	20.82	20.77	20.58	
20	16QAM	1	49	20.84	20.9	20.73	20.91	21.02	22
20	16QAM	50	0	21.07	20.94	20.83	20.8	20.58	0
20	16QAM	50	0	21.04	20.95	20.86	20.84	20.79	
20	16QAM	50	25	21.12	21.03	20.84	20.86	20.58	21
20	16QAM	50	50	21.07	21	20.76	20.89	20.66	1
20	16QAM	100	0	21.16	21.02	20.9	21	20.62	
20	256QAM	1	0	19.01	17.83	18.16	17.76	17.76	
20	256QAM	1	49	17.87	17.86	18.05	17.76	17.83	19
20	256QAM	1	99	19.46	19.36	19.45	19.46	19.43	3
20	256QAM	50	0	17.87	17.86	18.11	17.72	17.73	
20	256QAM	50	24	17.99	17.89	18.14	17.69	17.67	19
20	256QAM	50	50	17.93	17.85	18.08	17.66	17.68	3
20	256QAM	100	0	17.94	17.89	18.16	17.69	17.65	
Channel				39775	40210	40645	41080	41515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510.5	2554.0	2597.5	2641.0	2684.5		
15	QPSK	1	0	20.85	20.73	21.04	20.73	20.73	
15	QPSK	1	37	20.9	20.83	20.67	20.75	20.73	22.00
15	QPSK	1	74	20.81	20.85	20.66	20.84	20.62	0
15	QPSK	36	0	20.85	20.86	20.92	20.78	20.7	
15	QPSK	36	20	20.83	20.89	20.74	20.76	20.62	22
15	QPSK	36	39	20.92	20.77	20.71	20.88	20.64	0
15	QPSK	75	0	20.83	20.9	21.01	20.86	20.62	
15	16QAM	1	0	21.09	20.7	20.76	21.07	20.99	
15	16QAM	1	37	20.97	21	20.55	20.86	20.86	22
15	16QAM	1	74	20.92	20.82	20.83	20.49	20.74	0
15	16QAM	36	0	21.02	21.03	20.69	20.83	20.76	
15	16QAM	36	20	21.02	21.07	20.81	20.79	20.81	22
15	16QAM	36	39	20.94	20.91	20.91	20.84	20.78	0
15	16QAM	75	0	20.99	21.04	20.79	20.99	20.99	
15	16QAM	1	0	20.98	21.02	20.76	20.98	20.98	
15	16QAM	1	37	20.92	20.83	20.71	20.79	20.99	22
15	16QAM	1	74	21.02	20.96	20.78	21.02	20.96	0
15	16QAM	36	0	20.96	21.03	20.74	20.8	20.74	
15	16QAM	36	20	21.02	20.94	20.73	20.84	20.72	21
15	16QAM	36	39	20.96	20.9	20.75	20.8	20.76	1
15	16QAM	75	0	21.01	21	20.66	20.86	20.78	
15	256QAM	1	0	17.87	17.76	18.12	17.71	17.69	
15	256QAM	1	37	17.87	17.85	18.04	17.67	17.63	19
15	256QAM	1	74	17.81	17.89	17.97	17.64	17.49	3
15	256QAM	36	0	17.94	17.82	18.04	17.67	17.63	
15	256QAM	36	20	17.94	17.89	17.97	17.64	17.62	19
15	256QAM	36	39	17.89	17.87	18.06	17.65	17.64	3
15	256QAM	75	0	17.89	17.76	18.06	17.37	17.65	
Channel				39800	40235	40670	41105	41540	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2515.0	2558.5	2602	2645.5	2689.0		
10	QPSK	1	0	20.85	20.74	21.13	20.8	20.79	
10	QPSK	1	25	20.93	20.8	20.61	20.76	20.79	22.00
10	QPSK	1	49	20.92	20.81	20.59	20.92	20.64	0
10	QPSK	25	0	20.94	20.86	20.93	20.73	20.7	
10	QPSK	25	12	20.96	20.81	20.66	20.76	20.62	22
10	QPSK	25	25	20.93	20.82	20.63	20.8	20.81	0
10	16QAM	1	0	21.11	20.7	21	20.77	20.66	
10	16QAM	1	25	21.07	20.94	20.66	20.83	20.76	22
10	16QAM	1	49	20.95	20.86	20.94	20.43	20.77	0
10	16QAM	25	0	21.07	20.94	20.96	20.83	20.76	
10	16QAM	25	12	21.02	20.94	20.73	20.85	20.66	22
10	16QAM	25	25	21.05	20.95	20.67	20.8	20.76	0
10	16QAM	50	0	20.95	20.87	20.81	20.89	20.81	
10	16QAM	50	0	20.95	20.88	20.76	20.85	20.72	
10	16QAM	50	25	21.04	20.96	20.73	20.8	20.76	21
10	16QAM	50	50	21.03	20.97	20.75	20.8	20.76	1
10	16QAM	100	0	21.05	20.95	20.87	20.8	20.76	
10	256QAM	1	0	17.93	17.80	18.06	17.73	17.67	
10	256QAM	1	25	17.91	17.85	18.06	17.74	17.67	19
10	256QAM	1	49	17.83	17.73	17.90	17.54	17.49	3
10	256QAM	25	0	17.93	17.78	18.08	17.69	17.65	
10	256QAM	25	12	17.97	17.84	18.03	17.58	17.62	19
10	256QAM	25	25	17.87	17.78	17.98	17.62	17.59	3
10	256QAM	50	0	17.89	17.77	18.04	17.58	17.59	
Channel				39825	40260	40695	41130	41565	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2516.5	2560.0	2603	2646.5	2690.0		
8	QPSK	1	0	20.88	20.74	21.04	20.78	20.78	
8	QPSK	1	12	20.97	20.77	20.71	20.72	20.62	22.00
8	QPSK	1	24	20.89	20.81	20.69	20.88	20.59	0
8	QPSK	12	0	20.89	20.84	20.93	20.68	20.75	
8	QPSK	12	7	20.88	20.89	20.68	20.74	20.62	22
8	QPSK	12	13	20.93	20.81	20.68	20.86	20.64	0
8	QPSK	12	25	20.89	20.83	20.73	20.8	20.81	
8	16QAM	1	0	21.04	20.8	20.73	21	21	
8	16QAM	1	12	21.01	20.97	20.66	20.83	20.76	22
8	16QAM	1	24	20.99	20.91	20.93	20.45	20.75	0
8	16QAM	12	0	21.07	20.94	20.96	20.83	20.76	
8	16QAM	12	7	21.09	21.09	20.76	20.73	20.62	22
8	16QAM	12	13	21.04	20.96	20.73	20.85	20.64	0
8	16QAM	12	25	20.96	20.98	20.92	20.85	20.81	
8	16QAM	1	0	21.02	20.98	20.92	20.87	20.77	
8	16QAM	1	12	20.93	20.8	20.61	20.7	20.59	22
8	16QAM	1	24	20.94	20.85	20.77	20.59	20.67	0
8	16QAM	12	0	20.94	20.85	20.77	20.59	20.67	
8	16QAM	12	7	20.96	20.83	20.92	20.68	20.75	21
8	16QAM	12	13	21.01	20.96	20.74	20.77	20.6	1
8	16QAM	12	25	20.94	20.94	20.78	20.82	20.64	
8	256QAM	1	0	17.89	17.76	18.06	17.66	17.66	
8	256QAM	1	12	17.89	17.85	18.12	17.63	17.62	19
8	256QAM	1	24	17.74	17.75	17.87	17.65	17.58	3
8	256QAM	12	0	17.94	17.84	17.99	17.62	17.62	
8	256QAM	12	7	17.89	17.87	18.06	17.65	17.61	19
8	256QAM	12	13	17.92	17.87	18.06	17.65	17.61	3
8	256QAM	12	25	17.82	17.87	18.06	17.65	17.61	

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Mid Ch [dBm]	Power High Ch [dBm]	Power Ch 1300 [dBm]	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	23.98	23.68	23.9	23.72	
20	QPSK	1	49	23.11	23.4	22.93	23.07	23.28	24.0
20	QPSK	50	0	23.03	22.9	22.83	22.8	23.03	0
20	QPSK	50	0	23.02	23.36	23.45	23.17	23.29	
20	QPSK	50	25	23.03	23.04	23.01	23.39	23.26	24.5
20	QPSK	50	50	23.15	23.43	23.25	23.32	23.21	0
20	16QAM	1	0	23.18	23.34	23.56	23.21	23.33	
20	16QAM	1	49	22.94	23.29	23.65	23.49	23.45	
20	16QAM	50	0	23.08	23.18	23.45	23.21	23.36	24.5
20	16QAM	1	99	22.73	23.06	23.43	23.07	23.18	0
20	16QAM	50	25	23.09	23.18	23.44	23.33	23.27	
20	16QAM	50	24	22.9	22.96	23.23	23.36	22.91	
20	16QAM	50	50	23.01	22.98	23.34	23.32	22.91	23.5
20	16QAM	100	0	23.04	23.39	23.27	23.32	22.93	1
20	16QAM	1	0	23.08	23.39	23.41	23.27	23.36	
20	16QAM	1	49	22.22	23.36	23.07	23.05	22.97	
20	16QAM	50	0	23.01	22.9	23.09	23.02	23.03	23.5
20	16QAM	50	0	22.99	21.42	21.15	21.25	21.3	2
20	16QAM	50	25	23.09	21.46	21.06	21.21	21.26	
20	16QAM	50	50	21.15	21.27	21.26	21.2	21.16	
20	16QAM	100	0	21	21.4	21.34	21.21	21.25	22.5
20	256QAM	1	0	19.53	19.38	19.71	19.69	19.69	
20	256QAM	1	49	19.59	19.38	19.46	19.26	19.29	20.5
20	256QAM	1	99	19.46	19.35	19.45	19.46	19.43	4
20	256QAM	50	0	19.47	19.36	19.65	19.27	19.28	
20	256QAM	50	24	19.48	19.55	19.62	19.64	19.53	20.5
20	256QAM	50	50	19.29	19.46	19.44	19.26	19.45	4
20	256QAM	100	0	19.65	19.53	19.48	19.51	19.39	
Channel				39775	40210	40645	41080	41515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510.5	2554.0	2597.5	2641.0	2684.5		
15	QPSK	1	0	23.94	23.94	23.64	23.87	23.75	
15	QPSK	1	37	23	23.33	23.61	23.99	23.26	24.50
15	QPSK	1	74	22.72	23.06	23.1	23.06	23.16	0
15	QPSK	36	0	22.99	23.26	23.37	23.11	23.29	
15	QPSK	36	20	23.08	23.34	23.23	23.28	23.19	24.5
15	QPSK	36	39	23.08	23.34	23.23	23.28	23.19	0
15	QPSK	75	0	23.09	23.22	23.12	23.18	23.19	
15	16QAM	1	0	23.02	23.22	22.77	23.45	23.38	
15	16QAM	1	37	23.01	23.14	23.42	23.23	23.16	24.5
15	16QAM	1	74	23.02	22.98	23.32	22.99	23.09	0
15	16QAM	36	0	21.89	22.26	22.02	22.03	22.24	
15	16QAM	36	20	22.16	22.01	22.13	22.32	22.19	23.5
15	16QAM	36	39	22.04	22.04	22.07	22.14	22.08	1
15	16QAM	75	0	21.96	22.27	22.19	22.21	22.22	
15	16QAM	1	0	21.81	21.92	22.09	22.16	22.22	
15	16QAM	1	37	22.16	21.28	22.01	21.76	22.03	23.5
15	16QAM	1	74	21.91	21.96	21.96	21.99	21.99	2
15	16QAM	36	0	20.90	21.33	21.07	21.14	21.24	
15	16QAM	36	20	20.81	21.36	21.08	21.31	21.26	22.5
15	16QAM	36	39	21.04	21.20	21.23	21.12	21.08	2
15	16QAM	75	0	20.93	21.18	21.01	21.09	21.08	
15	256QAM	1	0	19.51	19.60	19.64	19.52	19.52	
15	256QAM	1	37	19.27	19.36	19.49	19.46	19.46	20.5
15	256QAM	1	74	19.31	19.31	19.42	19.31	19.33	4
15	256QAM	36	0	19.43	19.34	19.48	19.28	19.33	
15	256QAM	36	20	19.46	19.53	19.58	19.49	19.47	20.5
15	256QAM	36	39	19.27	19.36	19.49	19.28	19.33	4
15	256QAM	75	0	19.54	19.45	19.58	19.41	19.35	
Channel				39800	40235	40670	41105	41540	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2515.0	2558.5	2602	2645.5	2689.0		
10	QPSK

Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 1.4MHz	Power [dBm] / 3MHz	Power [dBm] / 5MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42890		
Frequency [MHz]				3460	3500	3549		
20	QPSK	1	0	20.0	21.03	20.72		
20	QPSK	1	49	20.0	20.83	20.72	22.5	0
20	QPSK	1	99	20.0	20.83	20.81		
20	QPSK	50	0	20.08	20.89	20.86		
20	QPSK	50	24	20.07	20.91	20.82	22.5	0
20	QPSK	50	50	20.0	20.77	20.63		
20	QPSK	100	0	20.05	20.92	20.72		
20	16QAM	1	0	20.72	20.69	20.66		
20	16QAM	1	49	20.22	20.79	20.82	22.5	0
20	16QAM	1	99	20.01	20.79	20.74		
20	16QAM	50	0	20.08	20.81	20.72		
20	16QAM	50	24	20.04	20.86	20.76	22.5	0
20	16QAM	50	50	20.03	20.8	20.74		
20	16QAM	100	0	20.02	20.8	20.74		
20	64QAM	1	0	20.04	20.83	20.72		
20	64QAM	1	49	20.04	20.90	20.80	22.5	0
20	64QAM	1	99	20.03	20.83	20.72		
20	64QAM	50	0	19.97	19.90	19.74		
20	64QAM	50	24	19.91	19.90	19.72	21.5	1
20	64QAM	50	50	19.90	19.79	19.70		
20	64QAM	100	0	19.98	19.91	19.76		
20	256QAM	1	0	18.22	18.17	18.16		
20	256QAM	1	49	18.22	18.13	18.04	19.5	3
20	256QAM	1	99	18.14	18.13	18.02		
20	256QAM	50	0	18.01	17.92	17.87		
20	256QAM	50	24	18.00	17.93	17.79	19.5	3
20	256QAM	50	50	18.00	18.11	17.86		
20	256QAM	100	0	17.98	17.93	17.89		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3500	3542.5		
15	QPSK	1	0	20.83	20.93	20.76	22.5	0
15	QPSK	1	37	20.85	20.79	20.98		
15	QPSK	1	74	20.89	20.79	20.77		
15	QPSK	36	0	20.85	20.90	20.83	22.5	0
15	QPSK	36	20	20.85	20.93	20.75		
15	QPSK	36	39	20.79	20.85	20.91		
15	QPSK	75	0	20.89	20.88	20.74		
15	16QAM	1	0	20.76	20.59	20.55		
15	16QAM	1	37	20.74	20.66	20.56	22.5	0
15	16QAM	1	74	20.78	20.66	20.64		
15	16QAM	36	0	20.82	20.77	20.63		
15	16QAM	36	20	20.82	20.74	20.68	22.5	0
15	16QAM	36	39	20.77	20.76	20.67		
15	16QAM	75	0	20.76	20.73	20.66		
15	64QAM	1	0	20.80	20.81	20.64		
15	64QAM	1	37	19.80	19.87	19.67		
15	64QAM	1	74	19.82	19.79	19.74		
15	64QAM	36	0	19.77	19.74	19.65	21.5	1
15	64QAM	36	20	19.80	19.71	19.66		
15	64QAM	36	39	19.12	18.04	18.09		
15	64QAM	75	0	19.80	19.10	17.94	19.5	3
15	256QAM	1	0	18.10	18.02	17.91		
15	256QAM	1	37	17.92	17.96	17.85		
15	256QAM	1	74	17.94	17.82	17.67	19.5	3
15	256QAM	36	0	17.96	18.06	17.93		
15	256QAM	36	20	17.95	17.81	17.84		
15	256QAM	36	39	17.92	17.96	17.85		
15	256QAM	75	0	17.96	17.82	17.78		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	20.83	21	20.72		
10	QPSK	1	24	20.79	20.73	20.62	22.5	0
10	QPSK	1	49	20.87	20.75	20.76		
10	QPSK	25	0	20.7	20.83	20.82		
10	QPSK	25	12	20.85	20.87	20.81	22.5	0
10	QPSK	25	25	20.88	20.73	20.58		
10	QPSK	50	0	20.85	20.81	20.68		
10	16QAM	1	0	20.71	20.66	20.61		
10	16QAM	1	24	20.7	20.72	20.62	22.5	0
10	16QAM	1	49	20.69	20.67	20.72		
10	16QAM	25	0	20.82	20.73	20.72		
10	16QAM	25	12	20.82	20.79	20.7	22.5	0
10	16QAM	25	25	20.84	20.79	20.67		
10	16QAM	50	0	20.83	20.78	20.68		
10	64QAM	1	0	20.82	20.77	20.78		
10	64QAM	1	24	20.81	20.72	20.66	21.5	1
10	64QAM	1	49	19.93	19.85	19.62		
10	64QAM	25	0	19.81	19.75	19.67		
10	64QAM	25	12	19.71	19.65	19.64		
10	64QAM	25	25	19.87	19.73	19.72		
10	256QAM	1	0	18.10	18.12	18.06		
10	256QAM	1	24	18.10	18.07	18.02	19.5	3
10	256QAM	1	49	18.05	18.09	17.92		
10	256QAM	25	0	17.99	17.96	17.90		
10	256QAM	25	12	17.95	17.85	17.70	19.5	3
10	256QAM	25	25	18.01	18.02	17.86		
10	256QAM	50	0	17.93	17.83	17.83		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3462.5	3500	3547.5		
5	QPSK	1	0	21.07	20.93	20.72		
5	QPSK	1	12	20.9	20.77	20.63	22.5	0
5	QPSK	1	24	20.91	20.72	20.78		
5	QPSK	12	0	20.92	20.88	20.84		
5	QPSK	12	7	20.89	20.81	20.74		
5	QPSK	12	13	20.87	20.87	20.51	22.5	0
5	QPSK	12	25	20.89	20.88	20.7		
5	16QAM	1	0	20.76	20.68	20.52		
5	16QAM	1	12	20.75	20.71	20.62	22.5	0
5	16QAM	1	24	20.76	20.74	20.71		
5	16QAM	12	0	20.96	20.72	20.67		
5	16QAM	12	7	20.86	20.79	20.68	22.5	0
5	16QAM	12	13	20.75	20.77	20.53		
5	16QAM	12	25	20.82	20.73	20.69		
5	64QAM	1	0	20.73	20.74	20.62		
5	64QAM	1	12	20.82	20.77	20.67	22.5	0
5	64QAM	1	24	20.85	20.82	20.82		
5	64QAM	12	0	19.89	19.86	19.63		
5	64QAM	12	7	19.81	19.75	19.66	21.5	1
5	64QAM	12	13	19.71	19.79	19.60		
5	64QAM	12	25	19.82	19.77	19.71		
5	256QAM	1	0	18.11	18.13	18.03		
5	256QAM	1	12	18.09	18.17	17.96	19.5	3
5	256QAM	1	24	18.16	18.11	17.99		
5	256QAM	12	0	17.92	17.92	17.83		
5	256QAM	12	7	17.97	17.94	17.96	19.5	3
5	256QAM	12	13	18.02	18.07	17.89		
5	256QAM	25	0	17.94	17.82	17.79		

Band 42_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 1.4MHz	Power [dBm] / 3MHz	Power [dBm] / 5MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42890		
Frequency [MHz]				3460	3500	3549		
20	QPSK	1	0	19.90	20.01	19.90		
20	QPSK	1	49	19.86	19.92	19.83	21.5	0
20	QPSK	1	99	19.82	19.95	19.89		
20	QPSK	50	0	19.92	20.03	19.93		
20	QPSK	50	24	19.77	19.89	19.89	21.5	0
20	QPSK	50	50	19.72	19.88	19.87		
20	QPSK	100	0	19.86	19.96	19.89		
20	16QAM	1	0	19.76	19.85	19.82		
20	16QAM	1	49	19.84	19.88	19.83	21.5	0
20	16QAM	1	99	19.77	19.85	19.73		
20	16QAM	50	0	19.74	19.82	19.81		
20	16QAM	50	24	19.85	19.96	19.88	21.5	0
20	16QAM	50	50	19.81	19.83	19.83		
20	16QAM	100	0	19.88	19.90	19.87		
20	64QAM	1	0	19.71	19.82	19.78		
20	64QAM	1	49	19.81	19.82	19.73	21.5	0
20	64QAM	1	99	19.86	19.88	19.78		
20	64QAM	50	0	19.75	19.88	19.88		
20	64QAM	50	24	19.86	19.94	19.89	21.5	0
20	64QAM	50	50	19.73	19.89	19.82		
20	64QAM	100	0	19.84	19.90	19.91		
20	256QAM	1	0	18.40	18.46	18.34		
20	256QAM	1	49	18.45	18.46	18.36	20.5	3
20	256QAM	1	99	18.38	18.39	18.39		
20	256QAM	50	0	18.29	18.34	18.33		
20	256QAM	50	24	18.39	18.45	18.33	20.5	3
20	256QAM	50	50	18.39	18.45	18.34		
20	256QAM	100	0	18.37	18.42	18.34		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3500	3542.5		
15	QPSK	1	0	19.88	19.88	19.81		
15	QPSK	1	37	19.92	19.93	19.89	21.5	0
15	QPSK	1	74	19.88	19.93	19.87		
15	QPSK	36	0	19.88	19.90	19.86		
15	QPSK	36	20	19.88	20.03	19.91	21.5	0
15	QPSK	36	39	19.89	19.94	19.79		
15	QPSK	75	0	19.92	19.92	19.83		
15	16QAM	1	0	19.90	19.88	19.87		
15	16QAM	1	37	19.88	19.88	19.83	21.5	0
15	16QAM	1	74	19.91	19.87	19.93		
15	16QAM	36	0	19.93	20.00	19.89		
15	16QAM	36	20	19.91	19.93	19.88	21.5	0
15	16QAM	36	39	19.93	19.89	19.88		
15	16QAM	75	0	19.93	19.88	19.91		
15	64QAM	1	0	19.89	19.93	19.91		
15	64QAM	1	37	19.88	19.87	19.81	21.5	0
15	64QAM	1	74	19.98	19.93	19.94		
15	64QAM	36	0	19.92	19.87	19.89		
15	64QAM	36	20	19.94	20.03	19.83	21.5	0
15	64QAM	36	39	19.71	19.94	19.85		
15	64QAM	75	0	19.97	19.93	19.84		
15	256QAM	1	0	18.35	18.44	18.28		
15	256QAM	1	37	18.34	18.39	18.21	20	1.5
15	256QAM	1	74	18.23	18.32	18.29		
15	256QAM	36	0	18.33	18.55	18.32		
15	256QAM	36	20	18.36	18.43	18.27	20	1.5
15	256QAM	36	39	18.32	18.33	18.24		
15	256QAM	75	0	18.35	18.36	18.43		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	19.86	19.95	19.82		
10	QPSK	1	24	19.76	19.87	19.79	21.5	0
10	QPSK	1	49	19.72	19.88	19.75		
10	QPSK	25	0	19.69	19.90	19.79		
10	QPSK	25	12	19.68	19.90	19.80	21.5	0
10	QPSK	25	25	19.66	19.83	19.81		
10	QPSK	50	0	19.79	19.76	19.74		
10	16QAM	1	0	19.69	19.76	19.75		
10	16QAM	1	24	19.68	19.76	19.69	21.5	0
10	16QAM	1	49	19.68	19.76	19.69		
10	16QAM	25	0	19.75	19.87	19.89		
10	16QAM	25	12	19.75	19.87	19.72	21.5	0
10	16QAM	25	25	19.75	19.72	19.72		
10	16QAM	50	0	19.75	19.86	19.88		
10	64QAM	1	0	19.68	19.83	19.82		
10	64QAM	1	24	19.72	19.76	19.82	21.5	0
10	64QAM	1	49	19.74	19.79	19.73		
10	64QAM	25	0	19.65	19.89	19.73		
10	64QAM	25	12	19.63	19.82	19.71	21.5	0
10	64QAM	25	25	19.63	19.76	19.71		
10	64QAM	50	0	19.69	19.82	19.81		
10	256QAM	1	0	18.29	18.50	18.28		
10	256QAM	1	24	18.29	18.50	18.26	20	1.5
10	256QAM	1	49	18.31	18.39	18.29		
10	256QAM	25	0	18.38	18.39	18.39		
10	256QAM	25	12	18.23	18.50	18.27	20	1.5
10	256QAM	25	25	18.38	18.39	18.39		
10	256QAM	50	0	18.34	18.39	18.34		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3462.5	3500	3547.5		
5	QPSK	1	0	19.88	19.96	19.86		
5	QPSK	1	12	19.82	19.95	19.77	21.5	0
5	QPSK	1	24	19.79	19.93	19.87		
5	QPSK	12	0	19.72	19.97	19.71		
5	QPSK	12	7	19.69	19.90	19.82		
5	QPSK	12	13	19.66	19.81	19.78	21.5	0
5	QPSK	12	25	19.70	19.93	19.85		
5	16QAM	1	0	19.73	19.79	19.78		
5	16QAM	1	12	19.62	19.79	19.78	21.5	0
5	16QAM	1	24	19.64	19.75	19.62		
5	16QAM	12	0	19.70	19.94	19.86		
5	16QAM	12	7	19.75	19.84	19.86	21.5	0
5	16QAM	12	13	19.73	19.73	19.77		
5	16QAM	12	25	19.62	19.84	19.82		
5	64QAM	1	0	19.66	19.83	19.72		
5	64QAM	1	12	19.70	19.79	19.82	21.5	0
5	64QAM	1	24	19.68	19.76	19.73		
5	64QAM	12	0	19.64	19.83	19.78		
5	64QAM	12	7	19.64	19.86	19.78	21.5	0
5	64QAM	12	13	19.64	19.86	19.78		
5	64QAM	12	25	19.63	19.84	19.82		
5	256QAM	1	0	18.30	18.39	18.31		
5	256QAM	1	12	18.37	18.36	18.40	20	1.5
5	256QAM	1	24	18.36	18.32	18.36		
5	256QAM	12	0	18.33	18.37	18.33		
5	256QAM	12	7	18.29	18.36	18.38	20	1.5
5	256QAM	12	13	18.33	18.42	18.36		
5	256QAM	12	25	18.36	18.36	18.38		

Band 42_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 1.4MHz	Power [dBm] / 3MHz	Power [dBm] / 5MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42890		
Frequency [MHz]				3460	3500	3549		
20	QPSK	1	0	20.67	20.78	20.66		
20	QPSK	1	49	22.09	22.39	22.56	23.5	0
20	QPSK	1	99	20.67	20.97	20.76		
20	QPSK	50	0	22.53	22.71	22.65		
20	QPSK	50	24	22.59	22.59	22.66	23.5	0
20	QPSK	50	50	22.54	22.82	22.59		
20	QPSK	100	0	22.52	22.66	22.52		
20	16QAM	1	0	22.56	22.83	22.64		
20	16QAM	1	49	22.59	22.66	22.67	23.5	0
20	16QAM	1	99	22.56	22.81	22.62		
20	16QAM	50	0	22.09	22.17	22.19		
20	16QAM	50	24	22.08	22.16	22.11	23	0.5
20	16QAM	50	50	22.01	22.07	22.02		
20	16QAM	100	0	21.94	22.21	22.04		
20	64QAM	1	0	22.11	22.08	22.12		
20	64QAM	1	49	22.09	22.11	22.18	23	0.5
20	64QAM	1	99	22.06	22.12	22.17		
20	64QAM	50	0	21.03	21.16	21.14		
20	64QAM	50	24	21.03	21.14	21.13	22	1.5
20	64QAM	50	50	21.12	21.11	21.21		
20	64QAM	100	0	20.96	21.08	21.02		
20	256QAM	1	0	19.08	19.16	19.21		
20	256QAM	1	49	19.18	19.07	19.06	20	3.5
20	256QAM	1	99	19.00	19.16	19.13		
20	256QAM	50	0	19.04	19.11	19.05		
20	256QAM	50	24	19.08	19.16	19.05	20	3.5
20	256QAM	50	50	19.13	19.06	19.18		
20	256QAM	100	0	19.02	19.14	19.15		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3457.5	3500	3542.5		
15	QPSK	1	0	22.54	22.73	22.58		
15	QPSK	1	37	22.50	22.48	22.47	23.5	0
15	QPSK	1	74	22.44	22.48	22.47		
15	QPSK	36	0	22.51	22.63	22.60		
15	QPSK	36	20	22.50	22.46	22.59	23.5	0
15	QPSK	36	39	22.46	22.49	22.53		
15	QPSK	75	0	22.42	22.56	22.44		
15	16QAM	1	0	22.55	22.50	22.54		
15	16QAM	1	37	22.56	22.58	22.58	23.5	0
15	16QAM	1	74	22.48	22.52	22.52		
15	16QAM	36	0	22.07	22.12	22.18		
15	16QAM	36	20	21.95	22.08	22.02	23	0.5
15	16QAM	36	39	22.00	22.12	22.12		
15	16QAM	75	0	21.90	22.06	22.05		
15	64QAM	1	0	22.03	22.01	22.06		
15	64QAM	1	37	22.07	22.04	22.05	23	0.5
15	64QAM	1	74	21.97	21.92	22.09		
15	64QAM	36	0	21.00	21.03	21.04		
15	64QAM	36	20	20.95	21.06	21.08	22	1.5
15	64QAM	36	39	21.02	20.98	21.18		
15	64QAM	75	0	20.93	21.05	21.09		
15	256QAM	1	0	19.04	19.12	19.16		
15	256QAM	1	37	19.03	19.06	19.05	20	3.5
15	256QAM	1	74	18.93	19.05	19.11		
15	256QAM	36	0	19.01	19.09	19.03		
15	256QAM	36	20	18.99	19.06	18.99	20	3.5
15	256QAM	36	39	19.11	19.06	19.19		
15	256QAM	75	0	18.91	19.09	19.13		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3545		
10	QPSK	1	0	22.59	22.72	22.58		
10	QPSK	1	24	22.50	22.56	22.47	23.5	0
10	QPSK	1	49	22.34	22.47	22.63		
10	QPSK	25	0	22.40	22.66	22.62		
10	QPSK	25	12	22.49	22.64	22.57	23.5	0
10	QPSK	25	25	22.49	22.59	22.55		
10	QPSK	50	0	22.45	22.56	22.57		
10	16QAM	1	0	22.47	22.50	22.58		
10	16QAM	1	24	22.50	22.52	22.56		
10	16QAM	1	49	22.50	22.52	22.56		
10	16QAM	25	0	21.96	22.10	22.13		
10	16QAM	25	12	22.01	22.12	22.02	23	0.5
10	16QAM	25	25	21.92	22.02	22.13		
10	16QAM	50	0	21.82	22.18	21.91		
10	64QAM	1	0	22.02	22.06	21.99		
10	64QAM	1	24	21.97	22.02	22.09	23	0.5
10	64QAM	1	49	22.02	22.06	22.12		
10	64QAM	25	0	21.01	21.10	21.04		
10	64QAM	25	12	21.07	21.01	21.07	22	1.5
10	64QAM	25	25	21.02	21.02	21.18		
10	64QAM	50	0	20.91	20.98	21.14		
10	256QAM	1	0	19.01	19.11	19.09		
10	256QAM	1	24	18.97	18.96	18.95	20	3.5
10	256QAM	1	49	18.97	19.09	19.02		
10	256QAM	25	0	18.92	18.96	19.01		
10	256QAM	25	12	19.01	19.12	18.96	20	3.5
10	256QAM	25	25	18.95	18.94	19.14		
10	256QAM	50	0	18.94	19.04	19.13		
Channel				42190	42500	42890	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3462.5	3500	3547.5		
5	QPSK	1	0	22.58	22.71	22.61		
5	QPSK	1	12	22.55	22.48	22.53	23.5	0
5	QPSK	1	24	22.43	22.48	22.65		
5	QPSK	12	0	22.43	22.66	22.52		
5	QPSK	12	7	22.47	22.47	22.61		
5	QPSK	12	13	22.42	22.55	22.67	23.5	0
5	QPSK	12	25	22.43	22.48	22.48		
5	16QAM	1	0	22.50	22.51	22.59		
5	16QAM	1	12	22.50	22.49	22.64	23.5	0
5	16QAM	1	24	22.45	22.59	22.62		
5	16QAM	12	0	22.02	22.12	22.17		
5	16QAM	12	7	22.04	22.13	22.01	23	0.5
5	16QAM	12	13	21.97	22.03	22.14		
5	16QAM	12	25	21.93	22.08	21.91		
5	64QAM	1	0	22.03	22.04	22.09		
5	64QAM	1	12	21.96	22.09	22.15	23	0.5
5	64QAM	1	24	21.98	22.03	22.15		
5	64QAM	12	0	20.91	21.06	21.11		
5	64QAM	12	7	21.01	21.10	21.05	22	1.5
5	64QAM	12	13	21.10	20.98	21.12		
5	64QAM	12	25	20.98	21.03	21.18		
5	256QAM	1	0	19.07	19.05	19.16		
5	256QAM	1	12	19.05	19.06	19.03	20	3.5
5	256QAM	1	24	18.98	19.04	19.04		
5	256QAM	12	0	19.00	18.98	18.98		
5	256QAM	12	7	18.99	18.98	19.01	20	3.5
5	256QAM	12	13	19.00	19.06	19.01		
5	256QAM	12	25	18.97	18.92	19.03		

Band 42_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 1.4MHz	Power [dBm] / 3MHz	Power [dBm] / 5MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42500	42890		
Frequency [MHz]				3460	3500	3549		
20	QPSK	1	0	20.02	19.98	19.98		
20	QPSK	1	49	19.91	20.03	19.93	21.5	0
20	QPSK	1	99	19.95	19.98	19.91		
20	QPSK	50	0	19.96	20.07	19.92		
20	QPSK	50	24	20.03	20.06	20.03	21.5	0
20	QPSK	50	50	19.95	19.97	19.92		
20	QPSK	100	0	20.02	20.02	19.93		
20	16QAM	1	0	19.94	19.99	19.95		
20	16QAM	1	49	19.91	19.95	19.93	21.5	0
20	16QAM	1	99	19.91	19.96	19.96		
20	16QAM	50	0	19.95	20.05	20.01		
20	16QAM	50	24	20.03	20.06

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle [dBm]	Power High Middle [dBm]	Power Low High [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3690	3640	3690	
20	QPSK	1	0	21.09	21.04	21.10	21.40	
20	QPSK	1	49	21.09	21.45	21.41	21.21	23
20	QPSK	50	0	21.09	21.39	21.41	21.37	
20	QPSK	50	0	21.07	21.03	21.02	21.36	23
20	QPSK	50	24	21.09	21.39	21.41	21.36	
20	QPSK	50	50	21.09	21.04	21.46	21.36	
20	16QAM	1	0	21.09	21.04	21.10	21.40	
20	16QAM	1	49	21.09	21.45	21.41	21.20	23
20	16QAM	50	0	21.09	21.39	21.41	21.36	
20	16QAM	1	99	21.01	21.03	21.09	21.30	22
20	16QAM	50	0	20.97	20.93	20.93	20.31	
20	16QAM	50	24	20.99	20.99	20.99	20.44	22
20	16QAM	50	50	20.92	20.87	20.93	20.31	
20	16QAM	100	0	20.99	20.93	20.92	20.37	
20	64QAM	1	0	20.99	20.97	20.98	21.30	
20	64QAM	1	49	20.99	20.43	20.40	20.26	22
20	64QAM	50	0	20.99	20.93	20.95	20.26	
20	64QAM	50	24	19.62	19.49	19.53	19.35	
20	64QAM	50	50	19.99	19.99	19.93	19.93	21
20	64QAM	50	99	19.65	19.52	19.49	19.39	
20	64QAM	100	0	19.74	19.69	19.59	19.57	
20	256QAM	1	0	17.62	17.46	17.34	17.36	
20	256QAM	1	49	17.62	17.38	17.38	17.20	19
20	256QAM	1	99	17.61	17.39	17.47	17.31	
20	256QAM	50	0	17.66	17.31	17.32	17.36	
20	256QAM	50	24	17.64	17.51	17.50	17.36	19
20	256QAM	50	50	17.66	17.36	17.36	17.23	
20	256QAM	100	0	17.55	17.47	17.41	17.26	
Channel				55115	55465	55165	55515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3647.5	3665	3647.5	3665		
15	QPSK	1	0	21.08	21.04	21.40	21.42	
15	QPSK	1	37	21.09	21.41	21.37	21.09	23
15	QPSK	1	74	21.09	21.43	21.39	21.20	
15	QPSK	36	0	21.47	21.51	21.47	21.36	
15	QPSK	36	20	21.56	21.49	21.36	21.36	23
15	QPSK	36	39	21.49	21.44	21.39	21.29	
15	QPSK	75	0	21.56	21.45	21.46	21.36	
15	16QAM	1	0	21.49	21.41	21.40	21.24	
15	16QAM	1	37	21.55	21.36	21.36	21.20	23
15	16QAM	1	74	21.03	21.01	21.50	21.19	
15	16QAM	36	0	20.55	20.49	20.49	20.32	
15	16QAM	36	20	20.64	20.51	20.52	20.49	22
15	16QAM	36	39	20.58	20.36	20.47	20.27	
15	16QAM	75	0	20.57	20.43	20.47	20.34	
15	64QAM	1	0	20.42	20.39	20.27	20.09	
15	64QAM	1	37	20.57	20.43	20.39	20.22	22
15	64QAM	1	74	20.56	20.34	20.40	20.24	
15	64QAM	36	0	19.53	19.47	19.49	19.29	
15	64QAM	36	20	19.67	19.49	19.49	19.23	
15	64QAM	36	39	19.59	19.43	19.39	19.27	21
15	64QAM	75	0	19.69	19.49	19.39	19.33	
15	256QAM	1	0	17.34	17.24	17.40	17.32	
15	256QAM	1	37	17.36	17.26	17.32	17.16	19
15	256QAM	1	74	17.45	17.24	17.29	17.24	
15	256QAM	36	0	17.52	17.45	17.36	17.26	
15	256QAM	36	20	17.55	17.44	17.32	17.21	19
15	256QAM	36	39	17.47	17.36	17.33	17.21	
15	256QAM	75	0	17.52	17.39	17.35	17.22	
Channel				55090	55440	55140	55490	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3645	3662.5	3645	3662.5		
10	QPSK	1	0	21.09	21.40	21.30	21.46	
10	QPSK	1	25	21.48	21.41	21.39	21.19	23
10	QPSK	1	49	21.09	21.43	21.51	21.37	
10	QPSK	25	0	21.49	21.51	21.39	21.37	23
10	QPSK	25	25	21.56	21.49	21.43	21.33	
10	QPSK	25	49	21.09	21.39	21.43	21.33	
10	16QAM	1	0	21.09	21.39	21.43	21.33	
10	16QAM	1	25	21.09	21.51	21.40	21.19	23
10	16QAM	1	49	21.56	21.51	21.49	21.24	
10	16QAM	25	0	20.53	20.40	20.40	20.21	
10	16QAM	25	12	20.55	20.47	20.53	20.37	22
10	16QAM	25	25	20.53	20.40	20.42	20.21	
10	16QAM	50	0	20.57	20.53	20.46	20.26	
10	64QAM	1	0	20.40	20.43	20.27	20.09	
10	64QAM	1	25	20.56	20.39	20.37	20.24	22
10	64QAM	1	49	20.49	20.42	20.40	20.13	
10	64QAM	25	0	19.59	19.39	19.46	19.29	
10	64QAM	25	12	19.69	19.47	19.53	19.27	21
10	64QAM	25	25	19.69	19.45	19.41	19.25	
10	64QAM	50	0	19.69	19.49	19.49	19.29	
10	256QAM	1	0	17.37	17.34	17.46	17.25	
10	256QAM	1	25	17.39	17.33	17.43	17.19	19
10	256QAM	1	49	17.45	17.34	17.43	17.20	
10	256QAM	25	0	17.51	17.41	17.40	17.23	
10	256QAM	25	12	17.55	17.49	17.40	17.25	19
10	256QAM	25	25	17.50	17.39	17.36	17.23	
10	256QAM	50	0	17.49	17.37	17.37	17.21	
Channel				55065	55415	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3642.5	3660	3642.5	3660		
5	QPSK	1	0	21.09	21.04	21.44	21.38	
5	QPSK	1	12	21.48	21.40	21.39	21.19	23
5	QPSK	1	24	21.57	21.52	21.54	21.27	
5	QPSK	12	0	21.53	21.57	21.46	21.34	
5	QPSK	12	7	21.54	21.51	21.46	21.32	23
5	QPSK	12	13	21.47	21.43	21.36	21.33	
5	QPSK	12	24	21.56	21.57	21.40	21.32	
5	16QAM	1	0	21.09	21.39	21.36	21.32	
5	16QAM	1	12	21.09	21.45	21.44	21.24	23
5	16QAM	1	24	21.49	21.46	21.36	21.19	
5	16QAM	12	0	20.60	20.49	20.47	20.30	
5	16QAM	12	7	20.66	20.55	20.57	20.39	22
5	16QAM	12	13	20.58	20.43	20.47	20.30	
5	16QAM	12	24	20.67	20.49	20.49	20.33	
5	64QAM	1	0	20.40	20.36	20.36	20.14	
5	64QAM	1	12	20.44	20.31	20.36	20.21	22
5	64QAM	1	24	20.49	20.36	20.36	20.19	
5	64QAM	12	0	19.67	19.49	19.49	19.30	
5	64QAM	12	7	19.69	19.49	19.49	19.30	21
5	64QAM	12	13	19.53	19.59	19.46	19.39	
5	64QAM	12	24	19.62	19.53	19.47	19.29	
5	256QAM	1	0	17.53	17.46	17.47	17.27	
5	256QAM	1	12	17.46	17.39	17.53	17.19	19
5	256QAM	1	24	17.46	17.38	17.49	17.21	
5	256QAM	12	0	17.52	17.43	17.44	17.31	
5	256QAM	12	7	17.55	17.41	17.39	17.27	19
5	256QAM	12	13	17.52	17.39	17.36	17.16	
5	256QAM	12	24	17.52	17.45	17.37	17.19	

Band 48_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle [dBm]	Power High Middle [dBm]	Power Low High [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3690	3640	3690	
20	QPSK	1	0	20.92	20.87	20.92	20.47	
20	QPSK	1	49	20.95	20.91	20.93	20.32	22
20	QPSK	50	0	20.92	20.89	20.92	20.39	
20	QPSK	50	0	20.54	20.56	20.54	20.49	
20	QPSK	50	24	20.45	20.55	20.53	20.39	22
20	QPSK	50	50	20.45	20.55	20.53	20.44	
20	16QAM	1	0	20.51	20.55	20.51	20.32	
20	16QAM	1	49	20.42	20.51	20.47	20.32	22
20	16QAM	50	0	20.54	20.55	20.53	20.39	
20	16QAM	1	99	20.54	20.54	20.49	20.39	22
20	16QAM	50	0	20.57	20.52	20.52	20.39	
20	16QAM	50	24	20.46	20.56	20.52	20.49	22
20	16QAM	50	50	20.50	20.51	20.53	20.39	
20	16QAM	100	0	20.44	20.52	20.56	20.44	
20	64QAM	1	0	20.47	20.49	20.51	20.43	
20	64QAM	1	49	20.36	20.43	20.48	20.29	22
20	64QAM	50	0	20.50	20.53	20.55	20.43	
20	64QAM	50	24	20.34	20.39	20.42	20.33	
20	64QAM	50	50	20.36	20.41	20.56	20.39	22
20	64QAM	50	99	20.42	20.45	20.43	20.31	
20	64QAM	100	0	20.47	20.51	20.49	20.43	
20	256QAM	1	0	18.85	18.88	18.87	18.93	
20	256QAM	1	49	18.76	18.86	18.86	18.86	20.5
20	256QAM	1	99	18.96	18.91	18.96	18.96	
20	256QAM	50	0	18.82	18.89	18.84	18.95	
20	256QAM	50	24	18.93	18.96	18.85	18.89	20.5
20	256QAM	50	50	18.86	18.90	18.86	18.93	
20	256QAM	100	0	18.87	18.91	18.83	18.91	
Channel				55115	55465	55165	55515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3647.5	3665	3647.5	3665		
15	QPSK	1	0	20.46	20.44	20.45	20.45	
15	QPSK	1	37	20.46	20.44	20.52	20.19	22
15	QPSK	1	74	20.46	20.53	20.46	20.41	
15	QPSK	36	0	20.52	20.49	20.47	20.39	
15	QPSK	36	20	20.39	20.46	20.52	20.40	22
15	QPSK	36	39	20.38	20.43	20.50	20.40	
15	QPSK	75	0	20.44	20.50	20.36	20.39	
15	16QAM	1	0	20.39	20.47	20.34	20.20	
15	16QAM	1	37	20.50	20.43	20.46	20.40	22
15	16QAM	1	74	20.49	20.45	20.45	20.23	
15	16QAM	36	0	20.55	20.45	20.53	20.31	
15	16QAM	36	20	20.45	20.45	20.41	20.39	22
15	16QAM	36	39	20.42	20.46	20.43	20.39	
15	16QAM	75	0	20.35	20.40	20.46	20.35	
15	64QAM	1	0	20.40	20.36	20.36	20.40	
15	64QAM	1	37	20.34	20.35	20.37	20.19	22
15	64QAM	1	74	20.46	20.41	20.40	20.34	
15	64QAM	36	0	20.30	20.29	20.30	20.24	
15	64QAM	36	20	20.31	20.39	20.32	20.39	22
15	64QAM	36	39	20.37	20.39	20.30	20.29	
15	64QAM	75	0	20.34	20.39	20.39	20.37	
15	256QAM	1	0	18.79	18.86	18.75	18.86	
15	256QAM	1	37	18.86	18.93	18.79	18.86	20.5
15	256QAM	1	74	18.85	18.72	18.73	18.89	
15	256QAM	36	0	18.93	18.91	18.92	18.93	
15	256QAM	36	20	18.86	18.89	18.92	18.91	20.5
15	256QAM	36	39	18.79	18.93	18.89	18.93	
15	256QAM	75	0	18.79	18.87	18.85	18.93	
Channel				55090	55440	55140	55490	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3645	3662.5	3645	3662.5		
10	QPSK	1	0	20.45	20.45	20.47	20.45	
10	QPSK	1	25	20.42	20.47	20.30	20.22	22
10	QPSK	1	49	20.46	20.46	20.49	20.39	
10	QPSK	25	0	20.46	20.45	20.51	20.47	22
10	QPSK	25	25	20.41	20.43	20.48	20.35	
10	QPSK	25	49	20.46	20.46	20.52	20.40	
10	16QAM	1	0	20.36	20.42	20.35	20.35	
10	16QAM	1	25	20.36	20.43	20.36	20.40	22
10	16QAM	1	49	20.41	20.49	20.36	20.35	
10	16QAM	25	0	20.30	20.42	20.35	20.40	
10	16QAM	25	12	20.35	20.54	20.42	20.39	22
10	16QAM	25	25	20.37	20.45	20.42	20.39	
10	16QAM	50	0	20.34	20.46	20.52	20.39	
10	64QAM	1	0	20.42	20.40	20.32	20.32	
10	64QAM	1	25	20.23	20.37	20.36	20.29	22
10	64QAM	1	49	20.41	20.48	20.42	20.33	
10	64QAM	25	0	20.23	20.36	20.36	20.23	
10	64QAM	25	12	20.26	20.45	20.47	20.33	22
10	64QAM	25	25	20.36	20.43	20.34	20.29	
10	64QAM	50	0	20.36	20.45	20.36	20.36	
10	256QAM	1	0	18.82	18.75	18.86	18.89	
10	256QAM	1	25	18.79	18.91	18.89	18.93	20.5
10	256QAM	1	49	18.86	18.77	18.84	18.93	
10	256QAM	25	0	18.84	18.87	18.81	18.93	
10	256QAM	25	12	18.82	18.88	18.83	18.91	20.5
10	256QAM	25	25	18.86	18.88	18.82	18.93	
10	256QAM	50	0	18.84	18.93	18.85	18.93	
Channel				55065	55415	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3642.5	3660	3642.5	3660		
5	QPSK	1	0	20.46	20.44	20.43	20.45	
5	QPSK	1	12	20.46	20.47	20.38	20.38	22
5	QPSK	1	24	20.47	20.47	20.49	20.38	
5	QPSK	12	0	20.51	20.47	20.50	20.40	
5	QPSK	12	7	20.46	20.46	20.54	20.45	22
5	QPSK	12	13	20.40	20.42	20.45	20.36	
5	QPSK	12	24	20.46	20.45	20.47	20.38	
5	16QAM	1	0	20.31	20.42	20.36	20.28	
5	16QAM	1	12	20.36	20.41	20.34	20.32	22
5	16QAM	1	24	20.46	20.42	20.41	20.32	
5	16QAM	12	0	20.31	20.41	20.36	20.36	
5	16QAM	12	7	20.42	20.47	20.47	20.38	22
5	16QAM	12	13	20.46	20.41	20.45	20.36	
5	16QAM	12	24	20.34	20.50	20.51	20.38	
5	64QAM	1	0	20.40	20.40	20.36	20.32	
5	64QAM	1	12	20.34	20.36	20.44	20.22	22
5	64QAM	1	24	20.36	20.41	20.36	20.32	
5	64QAM	12	0	20.26	20.31	20.35	20.22	
5	64QAM	12	7	20.38	20.34	20.49	20.22	22
5	64QAM	12	13	20.40	20.41	20.27	20.22	
5	64QAM	12	24	20.36	20.34	20.36	20.36	
5	256QAM	1	0	18.83	18.77	18.83	18.86	
5	256QAM	1	12	18.86	18.87	18.76	18.79	20.5
5	256QAM	1	24	18.84	18.89	18.81	18.86	
5	256QAM	12	0	18.84	18.79	18.86	18.93	
5	256QAM	12	7	18.86	18.88	18.77	18.86	20.5
5	256QAM	12	13	18.77	18.83	18.81	18.79	
5	256QAM	12	24	18.79	18.81	18.86	18.86	

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle [dBm]	Power High Middle [dBm]	Power Low High [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55240	55590	55190	55640	
Frequency [MHz]				3660	3690	3640	3690	
20	QPSK	1	0	21.61	21.56	21.58	21.57	
20	QPSK	1	49	21.56	21.97	21.60	21.55	22.5
20	QPSK	50	0	21.52	21.96	21.55	21.57	
20	QPSK	50	0	21.54	21.96	21.49	21.56	
20	QPSK	50	24	21.54	21.94	21.56	21.57	22.5
20	QPSK	50	50	21.53	21.93	21.55	21.57	
20	16QAM	1	0	21.57	21.57	21.64	21.56	
20	16QAM	1	49	21.54	21.52	21.60	21.59	22.5
20	16QAM	50	0	21.51	21.53	21.61	21.59	
20	16QAM	1	99	21.54	21.52	21.57	21.55	22.5
20	16QAM	50	0	21.51	21.52	21.60	21.57	
20	16QAM	50	24	21.52	21.51	21.56	21.55	22.5
20	16QAM	50	50	21.53	21.56	21.59	21.56	
20	16QAM	100	0	21.46	21.54	21.65	21.58	
20	64QAM	1	0	21.52	21.52	21.57	21.53	
20	64QAM	1	49	21.45	21.56	21.58	21.57	22.5
20	64QAM	50	0	21.50	21.58	21.63	21.56	
20	64QAM	50	24	20.97	21.02	21.11	21.00	
20	64QAM	50	50	21.04	21.19	21.01	21.06	22
20	64QAM	50	99	21.04	21.14	21.04	21.03	
20	64QAM	100	0	21.02	21.19	21.10	21.13	
20	256QAM	1	0	18.97	19.12	19.10	19.05	
20	256QAM	1	49	18.97	19.19	19.07	19.06	20
20	256QAM	1	99	18.96	19.09	19.11	19.09	
20	256QAM	50	0	18.99	19.09	19.13	19.06	
20	256QAM	50	24	18.94	19.09	19.13	19.13	20
20	256QAM	50	50	19.02	19.13	19.13	19.02	
20	256QAM	100	0	19.05	19.17	19.05	19.09	
Channel				55115	55465	55165	55515	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3647.5	3665	3647.5	3665		
15	QPSK	1	0	21.49	21.59	21.64	21.63	
15	QPSK	1	37	21.52	21.64	21.52	21.39	22.5
15	QPSK	1	74	21.45	21.60	21.61	21.58	
15	QPSK	36	0	21.44	21.57	21.44	21.45	
15	QPSK	36	20	21.43	21.61	21.54	21.47	22.5
15	QPSK	36	39	21.49	21.61	21.47	21.45	
15	QPSK	75	0	21.45	21.60	21.61	21.45	
15	16QAM	1	0	21.46	21.47	21.58	21.56	
15	16QAM	1	37	21.39	21.59	21.54	21.47	22.5
15	16QAM	1	74	21.46	21.43	21.59	21.46	
15	16QAM	36	0	21.44	21.61	21.58	21.46	
15	16QAM	36	20	21.49	21.55	21.53	21.42	22.5
15	16QAM	36	39	21.43	21.55	21.54	21.47	
15	16QAM	75	0	21.39	21.60	21.60	21.37	
15	64QAM	1	0	21.37	21.60	21.46	21.44	
15	64QAM	1	37	21.40	21.44	21.52	21.31	22.5
15	64QAM	1	74	21.42	21.61	21.58	21.52	
15	64QAM	36	0	20.94	20.94	21.08	20.97	
15	64QAM	36	20	20.92	21.10	21.04	20.98	22
15	64QAM	36	39	20.96	21.10	20.98	21.00	
15	64QAM	75	0	20.98	21.10	21.00	21.00	
15	256QAM	1	0	18.93	19.04	18.98	19.00	
15	256QAM	1	37	18.98	19.14	19.03	19.03	20
15	256QAM	1	74	18.99	19.01	19.04	18.96	
15	256QAM	36	0	19.02	19.01	19.02	19.00	
15	256QAM	36	20	18.92	19.04	19.10	19.07	20
15	256QAM	36	39	18.99	19.00	19.09	19.09	
15	256QAM	75	0	18.96	19.14	19.01	18.99	
Channel				55090	55440	55140	55490	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3645	3662.5	3645	3662.5		
10	QPSK	1	0	21.49	21.58	21.64	21.64	
10	QPSK	1	25	21.49	21.58	21.58	21.47	22.5
10	QPSK	1	49	21.47	21.61	21.59	21.58	
10	QPSK	25	0	21.46	21.61	21.58	21.47	22.5
10	QPSK	25	25	21.42	21.53	21.51	21.49	
10	QPSK	25	49	21.42	21.53	21.51	21.49	
10	16QAM	1	0	21.42	21.49	21.49	21.54	
10	16QAM	1	25	21.42	21.61	21.58	21.49	22.5
10	16QAM	1	49	21.48	21.46	21.48	21.43	
10	16QAM	25	0	21.42	21.57	21.48	21.49	
10	16QAM	25	12	21.51	21.52	21.51	21.38	22.5
10	16QAM	25	25	21.47	21.53	21.47	21.41	
10	16QAM	50	0	21.44	21.58	21.59	21.54	
10	64QAM	1	0	21.38	21.52	21.47	21.48	
10	64QAM	1	25	21.38	21.52	21.53	21.33	22.5
10	64QAM	1	49	21.44	21.56	21.59	21.49	
10	64QAM	25	0	20.97	20.92	21.01	20.91	
10	64QAM	25	12	20.92	21.17	20.98	20.97	22
10	64QAM	25	25	21.00	21.11	20.99	20.95	
10	64QAM	50	0	20.96	21.16	20.98	21.07	
10	256QAM	1	0	18.91	19.10	18.99	18.99	
10	256QAM	1	25	18.98	19.16	19.09	19.03	20
10	256QAM	1	49	19.03	19.05	19.05	18.92	
10	256QAM	25	0	18.97	19.01	19.10	19.03	
10	256QAM	25	12	19.05	19.04	19.04	18.94	20
10	256QAM	25	25	19.02	19.12	19.01	19.07	
10	256QAM	50	0	19.02	19.12	19.00	18.97	
Channel				55065	55415	55115	55465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3642.5	3660	3642.5	3660		
5	QPSK	1	0	21.49	21.46	21.41	21.48	
5	QPSK	1	12	21.49	21.39	21.51	21.45	22.5
5	QPSK	1	24	21.47	21.58	21.53	21.48	
5	QPSK	12	0	21.49	21.39	21.40	21.46	
5	QPSK	12	7	21.46	21.46	21.54	21.46	22.5
5	QPSK	12	13	21.48	21.53	21.49	21.55	
5	QPSK	12	24	21.46	21.46	21.51	21.47	
5	16QAM	1	0	21.50	21.45	21.57	21.48	
5	16QAM	1	12	21.53	21.43	21.45	21.45	22.5
5	16QAM	1	24	21.52	21.43	21.45	21.45	
5	16QAM	12	0	21.40	21.46	21.49	21.46	
5	16QAM	12	7	21.49	21.55	21.53	21.47	22.5
5	16QAM	12	13	21.41	21.52	21.39	21.39	
5	16QAM	12	24	21.43	21.53	21.56	21.56	
5	64Q

Reduced Power for DSI 4

GSM850_Ant 0	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	33.46	33.43	33.39	**34.00**	24.46	24.43	24.39	25.00
GPRS 1 Tx slot	33.44	33.38	33.36	**34.00**	24.44	24.38	24.36	25.00
GPRS 2 Tx slots	30.15	30.18	30.04	**31.00**	24.15	24.18	24.04	25.00
GPRS 3 Tx slots	28.30	28.35	28.12	**29.00**	24.04	24.09	23.86	24.74
GPRS 4 Tx slots	26.65	26.72	26.36	**28.00**	23.65	23.72	23.36	25.00
EDGE 1 Tx slot	26.48	26.45	26.33	**27.50**	17.48	17.45	17.33	18.50
EDGE 2 Tx slots	23.75	23.82	23.74	**24.50**	17.75	17.82	17.74	18.50
EDGE 3 Tx slots	22.02	21.95	21.99	**22.50**	17.76	17.69	17.73	18.24
EDGE 4 Tx slots	20.60	20.49	20.46	**21.50**	17.60	17.49	17.46	18.50

GSM850_Ant 1	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	32.17	32.16	32.05	**34.00**	23.17	23.16	23.05	25.00
GPRS 1 Tx slot	32.08	32.10	32.12	**34.00**	23.08	23.10	23.12	25.00
GPRS 2 Tx slots	29.37	29.33	29.28	**31.00**	23.37	23.33	23.28	25.00
GPRS 3 Tx slots	27.64	28.03	28.06	**29.00**	23.38	23.77	23.80	24.74
GPRS 4 Tx slots	26.08	26.31	26.21	**28.00**	23.08	23.31	23.21	25.00
EDGE 1 Tx slot	25.82	25.55	25.93	**27.50**	16.82	16.55	16.93	18.50
EDGE 2 Tx slots	22.97	22.91	22.97	**24.50**	16.97	16.91	16.97	18.50
EDGE 3 Tx slots	21.49	21.09	21.16	**22.50**	17.23	16.83	16.90	18.24
EDGE 4 Tx slots	19.91	20.00	19.72	**21.50**	16.91	17.00	16.72	18.50

GSM1900_Ant 2	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	30.61	30.62	30.58	**31.00**	21.61	21.62	21.58	22.00
GPRS 1 Tx slot	30.52	30.56	30.48	**31.00**	21.52	21.56	21.48	22.00
GPRS 2 Tx slots	27.13	27.36	27.31	**28.00**	21.13	21.36	21.31	22.00
GPRS 3 Tx slots	25.18	25.26	25.33	**26.00**	20.92	21.00	21.07	21.74
GPRS 4 Tx slots	24.66	24.69	24.65	**25.00**	21.66	21.69	21.65	22.00
EDGE 1 Tx slot	25.93	26.01	26.04	**26.50**	16.93	17.01	17.04	17.50
EDGE 2 Tx slots	22.84	23.17	23.23	**23.50**	16.84	17.17	17.23	17.50
EDGE 3 Tx slots	21.19	21.25	21.42	**21.50**	16.93	16.99	17.16	17.24
EDGE 4 Tx slots	19.59	19.65	19.87	**20.50**	16.59	16.65	16.87	17.50

GSM1900_Ant 1	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	29.18	29.27	29.23	**29.50**	20.18	20.27	20.23	20.50
GPRS 1 Tx slot	29.15	29.23	29.19	**29.50**	20.15	20.23	20.19	20.50
GPRS 2 Tx slots	25.81	25.89	25.87	**26.50**	19.81	16.89	19.87	20.50
GPRS 3 Tx slots	23.76	24.01	23.89	**24.50**	19.50	19.75	19.63	20.24
GPRS 4 Tx slots	22.64	22.69	22.66	**23.50**	19.64	19.69	19.66	20.50
EDGE 1 Tx slot	24.49	24.54	24.51	**25.50**	15.49	15.54	15.51	16.50
EDGE 2 Tx slots	21.60	21.71	21.65	**22.50**	15.60	15.71	15.65	16.50
EDGE 3 Tx slots	19.65	19.71	19.68	**20.50**	15.39	15.45	15.42	16.24
EDGE 4 Tx slots	18.21	18.30	18.27	**19.50**	15.21	15.30	15.27	16.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.52	24.64	24.65	**25.00**	22.51	22.77	22.68	**23.50**
3GPP Rel 99	RMC 12.2Kbps	24.53	24.67	24.66	**25.00**	22.57	22.79	22.75	**23.50**
3GPP Rel 6	HSDPA Subtest-1	23.43	23.52	23.46	**24.00**	21.56	21.62	21.57	**22.50**
3GPP Rel 6	HSDPA Subtest-2	23.45	23.51	23.48	**24.00**	21.73	21.67	21.68	**22.50**
3GPP Rel 6	HSDPA Subtest-3	22.98	22.99	22.97	**23.50**	21.12	21.09	21.14	**22.00**
3GPP Rel 6	HSDPA Subtest-4	22.94	23.02	22.96	**23.50**	21.06	21.17	21.11	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.30	23.40	23.30	**24.00**	21.57	21.54	21.19	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.27	23.37	23.22	**24.00**	21.55	21.49	21.09	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.80	22.76	**23.50**	21.16	21.03	20.51	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.80	22.71	**23.50**	20.89	21.02	20.41	**22.00**
3GPP Rel 6	HSUPA Subtest-1	23.49	23.54	23.52	**24.00**	21.64	21.48	21.58	**22.50**
3GPP Rel 6	HSUPA Subtest-2	21.46	21.47	21.50	**22.00**	19.47	19.46	19.49	**20.50**
3GPP Rel 6	HSUPA Subtest-3	22.45	22.56	22.51	**23.00**	20.53	20.54	20.58	**21.50**
3GPP Rel 6	HSUPA Subtest-4	21.44	21.52	21.51	**22.00**	19.49	19.57	19.69	**20.50**
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.60	**24.00**	21.38	21.59	21.58	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.42	20.51	20.53	**21.50**	19.05	19.18	19.30	**20.00**

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.28	24.37	24.33	**25.00**	23.09	23.20	23.15	**24.00**
3GPP Rel 99	RMC 12.2Kbps	24.29	24.39	24.38	**25.00**	23.14	23.26	23.24	**24.00**
3GPP Rel 6	HSDPA Subtest-1	23.16	23.24	23.19	**24.00**	22.15	22.26	22.21	**23.00**
3GPP Rel 6	HSDPA Subtest-2	23.14	23.25	23.21	**24.00**	22.19	22.21	22.17	**23.00**
3GPP Rel 6	HSDPA Subtest-3	22.66	22.75	22.71	**23.50**	21.62	21.75	21.65	**22.50**
3GPP Rel 6	HSDPA Subtest-4	22.59	22.78	22.65	**23.50**	21.63	21.76	21.63	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.09	22.98	**24.00**	21.88	21.68	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	23.21	23.10	22.98	**24.00**	21.76	21.66	21.81	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.71	22.60	22.44	**23.50**	21.26	21.18	21.29	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.58	22.46	**23.50**	21.23	21.18	21.23	**22.50**
3GPP Rel 6	HSUPA Subtest-1	23.20	23.26	23.28	**24.00**	22.16	22.22	22.18	**23.00**
3GPP Rel 6	HSUPA Subtest-2	21.21	21.25	21.28	**22.00**	20.18	20.32	20.28	**21.00**
3GPP Rel 6	HSUPA Subtest-3	22.24	22.24	22.27	**23.00**	21.19	21.30	21.21	**22.00**
3GPP Rel 6	HSUPA Subtest-4	21.22	21.26	21.25	**22.00**	20.29	20.30	20.19	**21.00**
3GPP Rel 6	HSUPA Subtest-5	23.20	23.30	23.30	**24.00**	22.19	22.24	22.29	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.01	20.24	20.25	**21.50**	19.97	20.03	19.93	**20.50**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	24.29	24.31	24.25	**25.50**	24.38	24.41	24.31	**25.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.34	24.26	**25.50**	24.41	24.48	24.39	**25.50**
3GPP Rel 6	HSDPA Subtest-1	23.28	23.31	23.25	**24.50**	23.42	23.49	23.32	**24.50**
3GPP Rel 6	HSDPA Subtest-2	23.30	23.28	23.26	**24.50**	23.41	23.47	23.45	**24.50**
3GPP Rel 6	HSDPA Subtest-3	22.73	22.75	22.72	**24.00**	22.91	22.96	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-4	22.73	22.75	22.71	**24.00**	22.86	23.01	22.94	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.22	23.11	**24.50**	23.42	23.34	23.38	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.20	23.09	**24.50**	23.33	23.33	23.36	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.75	22.68	**24.00**	22.86	22.87	22.83	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.65	22.70	22.60	**24.00**	22.79	22.92	22.94	**24.00**
3GPP Rel 6	HSUPA Subtest-1	23.23	23.27	23.21	**24.50**	23.45	23.56	23.38	**24.50**
3GPP Rel 6	HSUPA Subtest-2	21.28	21.30	21.22	**22.50**	21.42	21.46	21.42	**22.50**
3GPP Rel 6	HSUPA Subtest-3	22.25	22.26	22.21	**23.50**	22.47	22.48	22.38	**23.50**
3GPP Rel 6	HSUPA Subtest-4	21.23	21.25	21.15	**22.50**	21.39	21.44	21.35	**22.50**
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.20	**24.50**	23.46	23.56	23.50	**24.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.10	21.06	**22.00**	21.20	21.18	21.13	**22.00**

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.11	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.68	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.01	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.41	23.5	2
20	64QAM	1	49	22.42	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.18	21.06	22.5	3
20	64QAM	50	24	21.16	20.99	21.12		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
20	256QAM	1	0	19.35	19.37	19.34	20.5	5
20	256QAM	1	49	19.38	19.50	19.58		
20	256QAM	1	99	19.33	19.35	19.51		
20	256QAM	50	0	19.28	19.36	19.32		
20	256QAM	50	24	19.26	19.10	19.26		
20	256QAM	50	50	19.34	19.27	19.35		
20	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.12		
15	QPSK	36	39	23.04	23.16	23.10		
15	QPSK	75	0	23.14	23.10	23.21		
15	16QAM	1	0	23.27	23.15	23.35	24.5	1
15	16QAM	1	37	23.65	22.97	23.45		
15	16QAM	1	74	23.55	23.26	23.78		
15	16QAM	36	0	22.05	22.03	22.18	23.5	2
15	16QAM	36	20	21.93	21.95	22.05		
15	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36	23.5	2
15	64QAM	1	37	22.09	22.10	21.85		
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03	22.5	3
15	64QAM	36	20	20.98	20.93	21.09		
15	64QAM	36	39	21.03	21.03	21.08		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	24.10	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.09		
10	QPSK	1	49	24.08	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.96	23.02		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	QPSK	50	25	23.26	23.02	23.38		
10	16QAM	1	0	23.62	22.85	23.40	24.5	1
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	22.21	21.91	22.06		
10	16QAM	25	25	22.19	22.05	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	16QAM	50	25	22.21	21.79	22.37		
10	64QAM	1	0	22.22	22.21	22.08	23.5	2
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.15	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.96	21.21		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	49	19.23	19.60	19.54		
10	256QAM	1	74	19.13	19.26	19.39		
10	256QAM	25	0	19.17	19.26	19.08	20.5	5
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.06	23.05	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.09	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.66		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.99	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.21		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.26	19.32	19.15		
5	256QAM	25	0	19.20	19.34	19.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.90	24.04	25.5	0
3	QPSK	1	8	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.95	22.10		
3	16QAM	8	7	22.16	22.01	22.10		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	21.09	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.12	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.02		
1.4	QPSK	3	0	23.95	23.95	23.92	24.5	1
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.95	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.36		
1.4	16QAM	1	5	23.56	23.20	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.66	23.34		
1.4	16QAM	3	3	23.45	23.15	23.75		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.95	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.11		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.19	24.28	24.22	25.5	0
20	QPSK	1	49	23.98	24.10	24.06		
20	QPSK	1	99	23.93	24.06	24.05		
20	QPSK	50	0	23.21	23.31	23.24	24.5	1
20	QPSK	50	24	23.17	23.12	23.03		
20	QPSK	50	50	23.16	23.18	23.05		
20	QPSK	100	0	23.21	23.30	23.23		
20	16QAM	1	0	23.22	22.95	23.23	24.5	1
20	16QAM	1	49	23.61	22.75	23.56		
20	16QAM	1	99	23.31	23.40	23.46		
20	16QAM	50	0	22.12	22.12	22.20	23.5	2
20	16QAM	50	24	22.07	22.20	22.16		
20	16QAM	50	50	22.12	22.10	22.23		
20	16QAM	100	0	22.02	22.10	22.12		
20	64QAM	1	0	22.11	22.50	22.11	23.5	2
20	64QAM	1	49	22.04	22.26	22.03		
20	64QAM	1	99	22.03	22.07	21.99		
20	64QAM	50	0	21.13	21.17	21.12	22.5	3
20	64QAM	50	24	21.20	21.22	21.08		
20	64QAM	50	50	21.13	21.25	21.25		
20	64QAM	100	0	21.11	21.16	21.01		
20	256QAM	1	0	19.31	19.34	19.32	20.5	5
20	256QAM	1	49	19.47	19.60	19.53		
20	256QAM	1	99	19.50	19.60	19.48		
20	256QAM	50	0	19.32	19.42	19.21		
20	256QAM	50	24	19.23	19.36	19.30		
20	256QAM	50	50	19.36	19.41	19.34		
20	256QAM	100	0	19.28	19.41	19.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.08	24.08	24.08	25.5	0
15	QPSK	1	37	23.98	23.94	24.03		
15	QPSK	1	74	23.97	23.91	24.01		
15	QPSK	36	0	23.17	23.14	22.99	24.5	1
15	QPSK	36	20	23.09	22.95	23.00		
15	QPSK	36	39	23.04	23.12	22.93		
15	QPSK	75	0	22.98	23.07	22.96		
15	16QAM	1	0	23.14	22.79	23.08	24.5	1
15	16QAM	1	37	23.67	22.80	23.46		
15	16QAM	1	74	23.18	23.37	23.32		
15	16QAM	36	0	21.96	22.10	22.12	23.5	2
15	16QAM	36	20	21.93	22.11	22.00		
15	16QAM	36	39	22.03	21.88	21.97		
15	16QAM	75	0	21.92	22.00	22.09		
15	64QAM	1	0	21.97	22.43	22.04	23.5	2
15	64QAM	1	37	21.83	22.16	21.84		
15	64QAM	1	74	21.88	22.02	21.86		
15	64QAM	36	0	21.05	21.04	21.02	22.5	3
15	64QAM	36	20	20.98	21.08	21.03		
15	64QAM	36	39	21.04	21.15	21.10		
15	64QAM	75	0	20.96	21.07	20.97		
15	256QAM	1	0	19.30	19.27	19.29	20.5	5
15	256QAM	1	37	19.29	19.44	19.36		
15	256QAM	1	74	19.41	19.54	19.42		
15	256QAM	36	0	19.15	19.22	19.09	20.5	5
15	256QAM	36	20	19.14	19.24	19.19		
15	256QAM	36	39	19.12	19.26	19.30		
15	256QAM	75	0	19.21	19.20	19.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.91	24.08	24.03	25.5	0
10	QPSK	1	25	23.93	23.97	24.06		
10	QPSK	1	49	23.86	23.88	24.01		
10	QPSK	25	0	23.05	23.13	23.06	24.5	1
10	QPSK	25	12	23.01	22.91	23.07		
10	QPSK	25	25	23.11	23.02	22.97		
10	QPSK	50	0	23.03	23.16	23.06		
10	16QAM	1	0	23.01	22.82	23.15	24.5	1
10	16QAM	1	25	23.49	22.84	23.49		
10	16QAM	1	49	23.17	23.31	23.22		
10	16QAM	25	0	21.94	21.95	22.05	23.5	2
10	16QAM	25	12	22.03	21.86	22.10		
10	16QAM	25	25	21.95	21.88	22.10		
10	16QAM	50	0	22.00	22.03	22.11		
10	16QAM	50	25	22.08	22.04	22.00		
10	64QAM	1	0	22.03	22.10	21.96	23.5	2
10	64QAM	1	25	21.82	21.92	21.93		
10	64QAM	25	0	21.01	21.07	21.05	22.5	3
10	64QAM	25	12	21.01	21.07	21.00		
10	64QAM	25	25	20.91	21.10	21.15		
10	64QAM	50	0	21.06	21.13	21.03		
10	256QAM	1	0	19.17	19.15	19.16	20.5	5
10	256QAM	1	25	19.32	19.43	19.34		
10	256QAM	1	49	19.41	19.40	19.40		
10	256QAM	25	0	19.13	19.23	19.21		
10	256QAM	25	12	19.14	19.20	19.28		
10	256QAM	25	25	19.16	19.31	19.31		
10	256QAM	50	0	19.18	19.32	19.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.03	23.97	23.93	25.5	0
5	QPSK	1	12	23.97	23.90	23.93		
5	QPSK	1	24	23.77	23.96	24.09		
5	QPSK	12	0	23.24	23.16	22.99	24.5	1
5	QPSK	12	7	23.05	22.91	22.91		
5	QPSK	12	13	23.03	22.96	22.91		
5	QPSK	25	0	23.04	23.13	23.05		
5	16QAM	1	0	23.16	22.89	23.09	24.5	1
5	16QAM	1	12	23.40	22.75	23.51		
5	16QAM	1	24	23.29	23.31	23.32		
5	16QAM	12	0	22.01	21.89	22.05	23.5	2
5	16QAM	12	7	21.97	22.07	22.02		
5	16QAM	12	13	21.98	21.97	22.08		
5	16QAM	25	0	21.99	22.00	21.96		
5	64QAM	1	0	21.99	22.45	21.97	23.5	2
5	64QAM	1	12	22.13	22.07	21.95		
5	64QAM	1	24	21.99	22.05	21.88		
5	64QAM	12	0	21.04	21.08	21.06	22.5	3
5	64QAM	12	7	21.10	21.06	20.96		
5	64QAM	12	13	21.10	21.05	21.15		
5	64QAM	25	0	21.04	21.07	20.87		
5	256QAM	1	0	19.20	19.31	19.12	20.5	5
5	256QAM	1	12	19.39	19.47	19.27		
5	256QAM	1	24	19.18	19.50	19.39		
5	256QAM	12	0	19.18	19.32	19.10	20.5	5
5	256QAM	12	7	19.21	19.17	19.17		
5	256QAM	12	13	19.27	19.32	19.19		
5	256QAM	25	0	19.26	19.38	19.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.87	24.16	24.06	25.5	0
3	QPSK	1	8	23.95	23.98	24.07		
3	QPSK	1	14	23.96	23.87	23.92		
3	QPSK	8	0	23.12	23.02	22.93	24.5	1
3	QPSK	8	4	23.10	22.99	23.03		
3	QPSK	8	7	23.12	23.11	23.00		
3	QPSK	15	0	23.01	23.05	23.06		
3	16QAM	1	0	23.12	22.74	23.13	24.5	1
3	16QAM	1	8	23.59	22.85	23.59		
3	16QAM	1	14	23.23	23.30	23.27		
3	16QAM	8	0	21.93	21.96	22.15	23.5	2
3	16QAM	8	4	22.06	22.18	21.98		
3	16QAM	8	7	22.03	22.02	22.04		
3	16QAM	15	0	21.95	22.08	22.13		
3	64QAM	1	0	22.00	22.37	21.98	23.5	2
3	64QAM	1	8	21.99	22.21	21.82		
3	64QAM	1	14	21.86	21.97	21.87		
3	64QAM	8	0	21.00	20.97	21.10	22.5	3
3	64QAM	8	4	21.06	21.07	21.04		
3	64QAM	8	7	21.09	21.05	21.05		
3	64QAM	15	0	20.96	21.04	21.05		
3	256QAM	1	0	19.19	19.19	19.12	20.5	5
3	256QAM	1	8	19.16	19.46	19.45		
3	256QAM	1	14	19.37	19.47	19.43		
3	256QAM	8	0	19.12	19.33	19.10	20.5	5
3	256QAM	8	4	19.27	19.30	19.20		
3	256QAM	8	7	19.21	19.25	19.28		
3	256QAM	15	0	19.24	19.40	19.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.00	24.08	24.03	25.5	0
1.4	QPSK	1	3	23.91	23.84	23.99		
1.4	QPSK	1	5	23.87	23.89	23.99		
1.4	QPSK	3	0	23.81	23.95	23.91	24.5	1
1.4	QPSK	3	1	23.86	23.81	24.00		
1.4	QPSK	3	3	23.82	23.94	24.04		
1.4	QPSK	6	0	23.00	23.15	23.03	24.5	1
1.4	16QAM	1	0	23.21	22.85	23.06	24.5	1
1.4	16QAM	1	3	23.78	23.45	23.40		
1.4	16QAM	1	5	23.32	23.29	23.35		
1.4	16QAM	3	0	23.12	22.76	23.04		
1.4	16QAM	3	1	23.40	22.81	23.36		
1.4	16QAM	3	3	23.20	23.20	23.29		
1.4	16QAM	6	0	21.88	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.01	22.50	21.97	23.5	2
1.4	64QAM	1	3	22.02	22.27	21.86		
1.4	64QAM	1	5	21.81	21.85	21.81		
1.4	64QAM	3	0	22.01	22.29	21.81		
1.4	64QAM	3	1	21.89	22.09	22.10		
1.4	64QAM	3	3	21.77	21.90	22.82		
1.4	64QAM	6	0	20.98	21.07	20.99	22.5	3
1.4	256QAM	1	0	19.18	19.22	19.24	20.5	5
1.4	256QAM	1	3	19.42	19.42	19.38		
1.4	256QAM	1	5	19.33	19.51	19.38		
1.4	256QAM	3	0	19.18	19.32	19.14		
1.4	256QAM	3	1	19.13	19.17	19.20		
1.4	256QAM	3	3	19.23	19.37	19.25		
1.4	256QAM	6	0	19.25	19.29	19.12	20.5	5

Band 4_Ant 0

BW [MHz]	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	22.33	22.89	22.45	24	0
20	QPSK	1	49	22.36	22.10	22.12		
20	QPSK	1	99	22.03	22.06	22.34		
20	QPSK	50	0	21.21	21.47	21.45	23	1
20	QPSK	50	24	21.25	21.28	21.26		
20	QPSK	50	50	21.04	21.17	21.16		
20	QPSK	100	0	21.26	21.38	21.37		
20	16QAM	1	0	21.48	22.11	21.40	23	1
20	16QAM	1	49	21.35	21.10	21.81		
20	16QAM	1	99	21.55	21.81	21.37		
20	16QA

Band 4_Ant 2

BW [MHz]	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	24.48	24.63	24.53	25.5	0
20	QPSK	1	49	24.31	24.43	24.53		
20	QPSK	1	99	24.45	24.41	24.17		
20	QPSK	50	0	23.31	23.60	23.48	24.5	1
20	QPSK	50	24	23.30	23.38	23.48		
20	QPSK	50	50	23.38	23.38	23.30		
20	QPSK	100	0	23.31	23.47	23.40		
20	16QAM	1	0	23.55	23.78	23.68	24.5	1
20	16QAM	1	49	23.73	23.74	23.70		
20	16QAM	1	99	23.46	23.76	22.95		
20	16QAM	50	0	22.25	22.33	22.55	23.5	2
20	16QAM	50	24	22.24	22.42	22.45		
20	16QAM	50	50	22.25	22.21	22.38		
20	16QAM	100	0	22.31	22.31	22.43		
20	64QAM	1	0	22.52	23.05	22.52	23.5	2
20	64QAM	1	49	22.47	22.61	22.59		
20	64QAM	1	99	22.61	22.11	22.36		
20	64QAM	50	0	21.11	21.45	21.43	22.5	3
20	64QAM	50	24	21.40	21.38	21.53		
20	64QAM	50	50	21.26	21.28	21.31		
20	64QAM	100	0	21.32	21.38	21.47		
20	256QAM	1	0	19.54	19.65	19.52	20.5	5
20	256QAM	1	49	19.36	19.54	19.40		
20	256QAM	1	99	19.57	19.72	19.71		
20	256QAM	50	0	19.33	19.50	19.37	20.5	5
20	256QAM	50	24	19.57	19.60	19.54		
20	256QAM	50	50	19.44	19.55	19.39		
20	256QAM	100	0	19.58	19.66	19.62		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.42	24.46	24.43	25.5	0
15	QPSK	1	37	24.18	24.39	24.41		
15	QPSK	1	74	24.40	24.35	24.15		
15	QPSK	36	0	23.23	23.51	23.30	24.5	1
15	QPSK	36	20	23.17	23.30	23.38		
15	QPSK	36	39	23.27	23.27	23.35		
15	QPSK	75	0	23.24	23.28	23.27		
15	16QAM	1	0	23.42	23.66	23.65	24.5	1
15	16QAM	1	37	23.63	23.69	23.61		
15	16QAM	1	74	23.37	23.64	22.88		
15	16QAM	36	0	22.15	22.29	22.42	23.5	2
15	16QAM	36	20	22.19	22.25	22.40		
15	16QAM	36	39	22.22	22.20	22.22		
15	16QAM	75	0	22.18	22.27	22.29		
15	64QAM	1	0	22.44	23.02	22.45	23.5	2
15	64QAM	1	37	22.22	22.50	22.46		
15	64QAM	1	74	22.50	22.01	22.22		
15	64QAM	36	0	21.00	21.26	21.35	22.5	3
15	64QAM	36	20	21.25	21.26	21.38		
15	64QAM	36	39	21.17	21.17	21.15		
15	64QAM	75	0	21.22	21.24	21.41		
15	256QAM	1	0	19.41	19.57	19.38	20.5	5
15	256QAM	1	37	19.31	19.46	19.24		
15	256QAM	1	74	19.42	19.55	19.54		
15	256QAM	36	0	19.26	19.38	19.28	20.5	5
15	256QAM	36	20	19.44	19.53	19.45		
15	256QAM	36	39	19.36	19.41	19.23		
15	256QAM	75	0	19.51	19.50	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.38	24.44	24.39	25.5	0
10	QPSK	1	25	24.29	24.30	24.38		
10	QPSK	1	49	24.34	24.39	24.11		
10	QPSK	25	0	23.18	23.51	23.34	24.5	1
10	QPSK	25	12	23.19	23.32	23.32		
10	QPSK	25	25	23.22	23.25	23.20		
10	QPSK	50	0	23.23	23.32	23.30		
10	16QAM	1	0	23.50	23.71	23.56	24.5	1
10	16QAM	1	25	23.64	23.70	23.66		
10	16QAM	1	49	23.34	23.65	22.85		
10	16QAM	25	0	22.13	22.28	22.43	23.5	2
10	16QAM	25	12	22.17	22.30	22.37		
10	16QAM	25	25	22.11	22.29	22.31		
10	16QAM	50	0	22.21	22.22	22.35		
10	64QAM	1	0	22.49	22.99	22.32	23.5	2
10	64QAM	1	25	22.22	22.47	22.45		
10	64QAM	1	49	22.51	22.07	22.18		
10	64QAM	25	0	21.03	21.32	21.41	22.5	3
10	64QAM	25	12	21.25	21.34	21.46		
10	64QAM	25	25	21.18	21.25	21.17		
10	64QAM	50	0	21.27	21.31	21.42		
10	256QAM	1	0	19.42	19.63	19.35	20.5	5
10	256QAM	1	25	19.22	19.48	19.31		
10	256QAM	1	49	19.40	19.60	19.60		
10	256QAM	25	0	19.20	19.42	19.34	20.5	5
10	256QAM	25	12	19.46	19.51	19.40		
10	256QAM	25	25	19.33	19.44	19.32		
10	256QAM	50	0	19.52	19.58	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.31	24.40	24.46	25.5	0
5	QPSK	1	12	24.26	24.46	24.41		
5	QPSK	1	24	24.35	24.26	24.06		
5	QPSK	12	0	23.17	23.43	23.29	24.5	1
5	QPSK	12	7	23.17	23.25	23.40		
5	QPSK	12	13	23.21	23.26	23.23		
5	QPSK	25	0	23.19	23.36	23.37		
5	16QAM	1	0	23.41	23.76	23.57	24.5	1
5	16QAM	1	12	23.61	23.63	23.68		
5	16QAM	1	24	23.26	23.57	22.86		
5	16QAM	12	0	22.07	22.30	22.45	23.5	2
5	16QAM	12	7	22.16	22.34	22.36		
5	16QAM	12	13	22.13	22.17	22.29		
5	16QAM	25	0	22.12	22.26	22.23		
5	64QAM	1	0	22.46	22.97	22.36	23.5	2
5	64QAM	1	12	22.31	22.41	22.49		
5	64QAM	1	24	22.47	21.98	22.15		
5	64QAM	12	0	20.93	21.30	21.31	22.5	3
5	64QAM	12	7	21.32	21.24	21.38		
5	64QAM	12	13	21.19	21.15	21.14		
5	64QAM	25	0	21.24	21.34	21.31		
5	256QAM	1	0	19.46	19.64	19.38	20.5	5
5	256QAM	1	12	19.30	19.43	19.28		
5	256QAM	1	24	19.42	19.55	19.57		
5	256QAM	12	0	19.26	19.40	19.30	20.5	5
5	256QAM	12	7	19.41	19.54	19.48		
5	256QAM	12	13	19.30	19.51	19.47		
5	256QAM	25	0	19.54	19.49	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.38	24.47	24.39	25.5	0
3	QPSK	1	8	24.24	24.33	24.42		
3	QPSK	1	14	24.33	24.25	24.13		
3	QPSK	8	0	23.23	23.54	23.26	24.5	1
3	QPSK	8	4	23.16	23.25	23.41		
3	QPSK	8	7	23.20	23.28	23.23		
3	QPSK	15	0	23.12	23.34	23.35		
3	16QAM	1	0	23.40	23.68	23.63	24.5	1
3	16QAM	1	8	23.71	23.67	23.59		
3	16QAM	1	14	23.39	23.70	22.82		
3	16QAM	8	0	22.09	22.17	22.40	23.5	2
3	16QAM	8	4	22.15	22.31	22.34		
3	16QAM	8	7	22.12	22.18	22.19		
3	16QAM	15	0	22.25	22.27	22.32		
3	64QAM	1	0	22.40	22.96	22.44	23.5	2
3	64QAM	1	8	22.27	22.52	22.49		
3	64QAM	1	14	22.56	21.97	22.21		
3	64QAM	8	0	20.99	21.39	21.38	22.5	3
3	64QAM	8	4	21.23	21.30	21.45		
3	64QAM	8	7	21.17	21.16	21.12		
3	64QAM	15	0	21.18	21.35	21.31		
3	256QAM	1	0	19.46	19.56	19.50	20.5	5
3	256QAM	1	8	19.27	19.53	19.27		
3	256QAM	1	14	19.49	19.57	19.63		
3	256QAM	8	0	19.24	19.41	19.29	20.5	5
3	256QAM	8	4	19.46	19.49	19.50		
3	256QAM	8	7	19.33	19.40	19.22		
3	256QAM	15	0	19.46	19.44	19.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.32	24.38	24.43	25.5	0
1.4	QPSK	1	3	24.21	24.37	24.38		
1.4	QPSK	1	5	24.44	24.29	24.12		
1.4	QPSK	3	0	24.30	24.38	24.35		
1.4	QPSK	3	1	24.13	24.29	24.28		
1.4	QPSK	3	3	24.19	24.26	24.04		
1.4	QPSK	6	0	23.14	23.26	23.33	24.5	1
1.4	16QAM	1	0	23.40	23.69	23.52	24.5	1
1.4	16QAM	1	3	23.70	23.62	23.55		
1.4	16QAM	1	5	23.27	23.68	22.83		
1.4	16QAM	3	0	23.28	23.53	23.49		
1.4	16QAM	3	1	23.47	23.60	23.43		
1.4	16QAM	3	3	23.21	23.61	22.62		
1.4	16QAM	6	0	22.27	22.20	22.33	23.5	2
1.4	64QAM	1	0	22.40	23.00	22.44	23.5	2
1.4	64QAM	1	3	22.23	22.48	22.54		
1.4	64QAM	1	5	22.49	22.03	22.17		
1.4	64QAM	3	0	22.19	22.84	22.29		
1.4	64QAM	3	1	22.16	22.39	22.51		
1.4	64QAM	3	3	22.40	21.88	22.03		
1.4	64QAM	6	0	21.16	21.25	21.40	22.5	3
1.4	256QAM	1	0	19.46	19.60	19.49	20.5	5
1.4	256QAM	1	3	19.30	19.49	19.25		
1.4	256QAM	1	5	19.45	19.62	19.63		
1.4	256QAM	3	0	19.31	19.44	19.28		
1.4	256QAM	3	1	19.46	19.47	19.43		
1.4	256QAM	3	3	19.36	19.42	19.35		
1.4	256QAM	6	0	19.50	19.52	19.45	20.5	5

Band 4_Ant 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.63	23.86	23.65	25	0
20	QPSK	1	49	23.11	23.24	23.51		
20	QPSK	1	99	23.11	23.41	23.44		
20	QPSK	50	0	22.22	22.32	22.52	24	1
20	QPSK	50	24	22.22	22.28	22.50		
20	QPSK	50	50	22.15	22.23	22.33		
20	QPSK	100	0	22.24	22.47	22.46		
20	16QAM	1	0	22.09	22.68	22.79	24	1
20	16QAM	1	49	22.37	22.84	22.42		
20	16QAM	1	99	22.13	22.85	22.32		
20	16QAM	50	0	21.14	21.33	21.43	23	2
20	16QAM	50	24	21.08	21.16	21.48		
20	16QAM	50	50	21.22	21.30	21.42		
20	16QAM	100	0	21.14	21.30	21.49		
20	64QAM	1	0	21.09	21.24	21.50	23	2
20	64QAM	1	49	21.12	21.68	21.46		
20	64QAM	1	99	21.24	21.65	21.74		
20	64QAM	50	0	20.13	20.36	20.45	22	3
20	64QAM	50	24	20.20	20.36	20.48		
20	64QAM	50	50	20.24	20.25	20.32		
20	64QAM	100	0	20.15	20.34	20.48		
20	256QAM	1	0	18.45	18.53	18.43	20	5
20	256QAM	1	49	18.31	18.47	18.71		
20	256QAM	1	99	18.52	18.66	18.60		
20	256QAM	50	0	18.40	18.50	18.32	20	5
20	256QAM	50	24	18.47	18.41	18.41		
20	256QAM	50	50	18.47	18.61	18.44		
20	256QAM	100	0	18.33	18.48	18.33		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.24	23.52	23.29	25	0
15	QPSK	1	37	23.18	23.17	23.36		
15	QPSK	1	74	23.18	23.23	23.35		
15	QPSK	36	0	22.36	22.4	22.37	24	1
15	QPSK	36	20	22.35	22.22	22.44		
15	QPSK	36	39	22.28	22.12	22.19		
15	QPSK	75	0	22.42	22.38	22.31		
15	16QAM	1	0	22.22	22.47	22.64	24	1
15	16QAM	1	37	22.42	22.55	22.3		
15	16QAM	1	74	22.18	22.55	22.17		
15	16QAM	36	0	21.27	21.19	21.37	23	2
15	16QAM	36	20	21.17	21.15	21.34		
15	16QAM	36	39	21.27	21.17	21.3		
15	16QAM	75	0	21.25	21.15	21.38		
15	64QAM	1	0	21.24	21.14	22.02	23	2
15	64QAM	1	37	21.21	21.59	21.42		
15	64QAM	1	74	21.3	21.5	21.63		
15	64QAM	36	0	20.29	20.26	20.32	22	3
15	64QAM	36	20	20.25	20.21	20.36		
15	64QAM	36	39	20.28	20.14	20.28		
15	64QAM	75	0	20.21	20.3	20.37		
15	256QAM	1	0	18.41	18.44	18.31	20	5
15	256QAM	1	37	18.72	18.77	18.60		
15	256QAM	1	74	18.46	18.50	18.46		
15	256QAM	36	0	18.26	18.33	18.22	20	5
15	256QAM	36	20	18.26	18.48	18.31		
15	256QAM	36	39	18.39	18.48	18.31		
15	256QAM	75	0	18.34	18.41	18.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.17	23.47	23.28	25	0
10	QPSK	1	25	23.29	23.15	23.33		
10	QPSK	1	49	23.17	23.26	23.38		
10	QPSK	25	0	22.37	22.43	22.43	24	1
10	QPSK	25	12	22.28	22.13	22.41		
10	QPSK	25	25	22.31	22.11	22.21		
10	QPSK	50	0	22.26	22.41	22.34		
10	16QAM	1	0	22.16	22.49	22.75	24	1
10	16QAM	1	25	22.48	22.70	22.28		
10	16QAM	1	49	22.21	22.61	22.23		
10	16QAM	25	0	21.25	21.20	21.34	23	2
10	16QAM	25	12	21.55	21.33	21.22		
10	16QAM	25	25	21.35	21.21	21.35		
10	16QAM	50	0	21.30	21.25	21.43		
10	64QAM	1	0	21.25	21.17	22.05	23	2
10	64QAM	1	25	21.24	21.66	21.30		
10	64QAM	1	49	21.36	21.56	21.86		
10	64QAM	25	0	20.18	20.30	20.33	22	3
10	64QAM	25	12	20.28	20.25	20.38		
10	64QAM	25	25	20.27	20.13	20.21		
10	64QAM	50	0	20.25	20.20	20.45		
10	256QAM	1	0	18.28	18.45	18.32	20	5
10	256QAM	1	25	18.65	18.77	18.61		
10	256QAM	1	49	18.27	18.49	18.46		
10	256QAM	25	0	18.35	18.43	18.32	20	5
10	256QAM	25	12	18.34	18.46	18.22		
10	256QAM	25	25	18.32	18.50	18.37		
10	256QAM	50	0	18.28	18.42	18.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.25	23.51	23.26	25	0
5	QPSK	1	12	23.15	23.32	23.33		
5	QPSK	1	24	23.22	23.27	23.36		
5	QPSK	12	0	22.22	22.45	22.41	24	1
5	QPSK	12	7	22.34	22.13	22.35		
5	QPSK	12	13	22.28	22.15	22.21		
5	QPSK	25	0	22.32	22.42	22.31		
5	16QAM	1	0	22.31	22.43	22.68	24	1
5	16QAM	1	12	22.47	22.73	22.35		
5	16QAM	1	24	22.30	22.56	22.22		
5	16QAM	12	0	21.17	21.24	21.34	23	2
5	16QAM	12	7	21.20	21.25	21.32		
5	16QAM	12	13	21.33	21.21	21.36		
5	16QAM	25	0	21.24	21.21	21.40		
5	64QAM	1	0	21.22	21.12	22.10	23	2
5	64QAM	1	12	21.21	21.54	21.37		
5	64QAM	1	24	21.37	21.62	21.62		
5	64QAM	12	0	20.26	20.24	20.36	22	3
5	64QAM	12	7	20.32	20.27	20.30		
5	64QAM	12	13	20.20	20.17	20.20		
5	64QAM	25	0	20.22	20.19	20.40		
5	256QAM	1	0	18.30	18.41	18.31	20	5
5	256QAM	1	12	18.77	18.73	18.57		
5	256QAM	1	24	18.41	18.47	18.44		
5	256QAM	12	0	18.24	18.32	18.26	20	5
5	256QAM	12	7	18.35	18.40	18.36		
5	256QAM	12	13	18.30	18.38	18.33		
5	256QAM	25	0	18.25	18.41	18.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.29	23.50	23.32	25	0
3	QPSK	1	8	23.26	23.20	23.39		
3	QPSK	1	14	23.16	23.33	23.33		
3	QPSK	8	0	22.31	22.40	22.40	24	1
3	QPSK	8	4	22.22	22.19	22.43		
3	QPSK	8	7	22.28	22.18	22.21		
3	QPSK	15	0	22.33	22.31	22.40		
3	16QAM	1	0	22.25	22.47	22.65	24	1
3	16QAM	1	8	22.50	22.70	22.35		
3	16QAM	1	14	22.29	22.58	22.20		
3	16QAM	8	0	21.17	21.25	21.37	23	2
3	16QAM	8	4	21.18	21.25	21.33		
3	16QAM	8	7	21.27	21.28	21.35		
3	16QAM	15	0	21.27	21.22	21.42		
3	64QAM	1	0	21.15	21.18	22.07	23	2
3	64QAM	1	8	21.22	21.58	21.41		
3	64QAM	1	14	21.39	21.55	21.63		
3	64QAM	8	0	20.28	20.33	20.36	22	3
3	64QAM	8	4	20.24	20.29	20.40		
3	64QAM	8	7	20.34	20.16	20.24		
3	64QAM	15	0	20.24	20.26	20.39		
3	256QAM	1	0	18.37	18.45	18.36	20	5
3	256QAM	1	8	18.66	18.73	18.62		
3	256QAM	1	14	18.37	18.53	18.41		
3	256QAM	8	0	18.38	18.34	18.23	20	5
3	256QAM	8	4	18.31	18.45	18.24		
3	256QAM	8	7	18.39	18.45	18.37		
3	256QAM	15	0	18.24	18.40	18.18		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.27	23.52	23.25	25	0
1.4	QPSK	1	3	23.18	23.13	23.38		
1.4	QPSK	1	5	23.22	23.27	23.37		
1.4	QPSK	3	0	23.35	23.39	23.24		
1.4	QPSK	3	1	23.10	23.18	23.30		
1.4	QPSK	3	3	23.08	23.16	23.25		
1.4	QPSK	6	0	22.37	22.34	22.32	24	1
1.4	16QAM	1	0	22.23	22.47	22.71	24	1
1.4	16QAM	1	3	22.39	22.79	22.38		
1.4	16QAM	1	5	22.27	22.60	22.29		
1.4	16QAM	3	0	22.16	22.39	22.65		
1.4	16QAM	3	1	22.29	22.64	22.29		
1.4	16QAM	3	3	22.18	22.41	22.14		
1.4	16QAM	6	0	21.25	21.19	21.37	23	2
1.4	64QAM	1	0	21.24	21.22	22.04	23	2
1.4	64QAM	1	3	21.22	21.52	21.39		
1.4	64QAM	1	5	21.36	21.56	21.56		
1.4	64QAM	3	0	21.18	21.11	21.92		
1.4	64QAM	3	1	21.15	21.45	21.29		
1.4	64QAM	3	3	21.25	21.43	21.40		
1.4	64QAM	6	0	20.25	20.21	20.34	22	3
1.4	256QAM	1	0	18.33	18.39	18.30	20	5
1.4	256QAM	1	3	18.75	18.76	18.64		
1.4	256QAM	1	5	18.46	18.50	18.49		
1.4	256QAM	3	0	18.23	18.34	18.25		
1.4	256QAM	3	1	18.36	18.43	18.30		
1.4	256QAM	3	3	18.32	18.43	18.30		
1.4	256QAM	6	0	18.20	18.37	18.20	20	5

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34	25.5	0
10	QPSK	1	25	24.18	24.28	24.23		
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25	24.5	1
10	QPSK	25	12	23.27	23.20	23.31		
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24	23.5	2
10	16QAM	25	12	22

Band 7_Ant 0

BW [MHz]	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	21.59	21.97	21.77		
20	QPSK	1	49	21.54	21.75	21.79	23	0
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80		
20	QPSK	50	24	20.61	20.80	20.79	22	1
20	QPSK	50	50	20.65	20.76	20.76		
20	QPSK	100	0	20.53	20.76	20.67		
20	16QAM	1	0	20.75	20.23	20.76		
20	16QAM	1	49	21.00	20.73	20.85	22	1
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72		
20	16QAM	50	24	19.54	19.80	19.78	21	2
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.28	19.93	20.25		
20	64QAM	1	49	19.90	19.77	19.98	21	2
20	64QAM	1	99	20.04	19.94	20.06		
20	64QAM	50	0	18.55	18.67	18.70		
20	64QAM	50	24	18.60	18.81	18.79	20	3
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76		
20	256QAM	1	49	16.85	16.83	16.64	18	5
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.80		
20	256QAM	50	24	16.58	16.73	16.63	18	5
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.76	16.65		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.74	21.57		
15	QPSK	1	37	21.42	21.77	21.78	23	0
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.36	20.70	20.66		
15	QPSK	36	20	20.55	20.75	20.81	22	1
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32		
15	16QAM	1	37	20.46	21.00	20.55	22	1
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65		
15	16QAM	36	20	19.56	19.72	19.74	21	2
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88		
15	64QAM	1	37	19.65	19.78	20.11	21	2
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70		
15	64QAM	36	20	18.54	18.88	18.81	20	3
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57		
15	256QAM	1	37	16.55	16.73	16.56	18	5
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52		
15	256QAM	36	20	16.51	16.66	16.59	18	5
15	256QAM	36	39	16.64	16.63	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72		
10	QPSK	1	25	21.56	21.76	21.71	23	0
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87		
10	QPSK	25	12	20.64	20.84	20.83	22	1
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98		
10	16QAM	1	25	20.94	21.16	21.35	22	1
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83		
10	16QAM	25	12	19.64	19.92	19.89	21	2
10	16QAM	25	25	19.69	19.93	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44		
10	64QAM	1	25	19.55	19.99	20.22	21	2
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86		
10	64QAM	25	12	18.67	18.89	18.78	20	3
10	64QAM	25	25	18.69	18.97	18.86		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66		
10	256QAM	1	25	16.50	16.73	16.51	18	5
10	256QAM	1	49	16.74	16.76	16.70		
10	256QAM	25	0	16.55	16.67	16.50		
10	256QAM	25	12	16.42	16.60	16.62	18	5
10	256QAM	25	25	16.66	16.73	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
5	QPSK	1	0	21.43	21.74	21.75		
5	QPSK	1	12	21.55	21.79	21.72	23	0
5	QPSK	1	24	21.56	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75		
5	QPSK	12	7	20.52	20.97	20.80	22	1
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80		
5	16QAM	1	12	20.87	21.54	21.49	22	1
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.71	19.83		
5	16QAM	12	7	19.62	20.08	19.85	21	2
5	16QAM	12	13	19.64	19.98	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36		
5	64QAM	1	12	19.49	19.98	19.80	21	2
5	64QAM	1	24	19.99	20.31	20.03		
5	64QAM	12	0	18.46	18.69	18.88		
5	64QAM	12	7	18.46	18.98	18.97	20	3
5	64QAM	12	13	18.74	18.92	19.02		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.74	16.81	16.65		
5	256QAM	1	12	16.60	16.65	16.54	18	5
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52		
5	256QAM	12	7	16.41	16.62	16.47	18	5
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.60	22.86	22.60		
20	QPSK	1	49	22.53	22.73	22.65	24	0
20	QPSK	1	99	22.53	22.74	22.63		
20	QPSK	50	0	21.60	21.95	21.74		
20	QPSK	50	24	21.63	21.82	21.78	23	1
20	QPSK	50	50	21.64	21.90	21.93		
20	QPSK	100	0	21.58	21.80	21.78		
20	16QAM	1	0	21.79	21.42	21.63		
20	16QAM	1	49	22.07	21.92	22.27	23	1
20	16QAM	1	99	21.83	21.79	22.11		
20	16QAM	50	0	20.63	20.83	20.77		
20	16QAM	50	24	20.61	20.80	20.78	22	2
20	16QAM	50	50	20.64	20.92	20.85		
20	16QAM	100	0	20.68	20.79	20.75		
20	64QAM	1	0	20.65	20.66	20.75		
20	64QAM	1	49	20.62	20.73	20.95	22	2
20	64QAM	1	99	20.67	20.95	20.90		
20	64QAM	50	0	19.52	19.81	19.80		
20	64QAM	50	24	19.65	19.90	19.77	21	3
20	64QAM	50	50	19.68	19.82	19.85		
20	64QAM	100	0	19.76	19.75	19.74		
20	256QAM	1	0	17.94	18.05	17.93		
20	256QAM	1	49	17.88	17.81	17.71	19	5
20	256QAM	1	99	17.98	18.04	17.98		
20	256QAM	50	0	17.61	17.80	17.66		
20	256QAM	50	24	17.58	17.80	17.87	19	5
20	256QAM	50	50	17.62	17.86	17.82		
20	256QAM	100	0	17.80	17.88	17.70		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.93	22.51	22.34		
15	QPSK	1	37	22.33	22.67	22.65	24	0
15	QPSK	1	74	22.43	22.51	22.49		
15	QPSK	36	0	21.24	21.83	21.47		
15	QPSK	36	20	21.39	21.66	21.50	23	1
15	QPSK	36	39	21.33	21.88	21.71		
15	QPSK	75	0	21.32	21.48	21.55		
15	16QAM	1	0	21.67	21.27	22.01		
15	16QAM	1	37	21.55	21.79	21.95	23	1
15	16QAM	1	74	21.51	22.34	21.76		
15	16QAM	36	0	20.26	20.60	20.59		
15	16QAM	36	20	20.32	20.66	20.61	22	2
15	16QAM	36	39	20.27	20.76	20.63		
15	16QAM	75	0	20.37	20.65	20.54		
15	64QAM	1	0	20.66	20.67	20.58		
15	64QAM	1	37	20.13	20.82	20.66	22	2
15	64QAM	1	74	20.71	20.79	20.45		
15	64QAM	36	0	19.27	19.64	19.57		
15	64QAM	36	20	19.42	19.81	19.56	21	3
15	64QAM	36	39	19.35	19.75	19.56		
15	64QAM	75	0	19.36	19.59	19.62		
15	256QAM	1	0	17.65	17.77	17.57		
15	256QAM	1	37	17.34	17.55	17.37	19	5
15	256QAM	1	74	17.65	17.74	17.68		
15	256QAM	36	0	17.29	17.43	17.35		
15	256QAM	36	20	17.57	17.59	17.56	19	5
15	256QAM	36	39	17.49	17.56	17.60		
15	256QAM	75	0	17.49	17.51	17.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.27	22.62	22.63		
10	QPSK	1	25	22.40	22.79	22.77	24	0
10	QPSK	1	49	22.34	22.73	22.72		
10	QPSK	25	0	21.33	21.71	21.68		
10	QPSK	25	12	21.47	21.83	21.72	23	1
10	QPSK	25	25	21.45	21.77	21.76		
10	QPSK	50	0	21.43	21.61	21.62		
10	16QAM	1	0	21.85	22.08	21.96		
10	16QAM	1	25	21.87	21.98	21.92	23	1
10	16QAM	1	49	21.87	22.22	22.30		
10	16QAM	25	0	20.33	20.63	20.75		
10	16QAM	25	12	20.48	20.82	20.77	22	2
10	16QAM	25	25	20.57	20.71	20.81		
10	16QAM	50	0	20.40	20.78	20.73		
10	64QAM	1	0	20.58	20.96	20.72		
10	64QAM	1	25	20.72	21.17	21.00	22	2
10	64QAM	1	49	20.71	20.95	20.80		
10	64QAM	25	0	19.52	19.75	19.75		
10	64QAM	25	12	19.43	19.70	19.65	21	3
10	64QAM	25	25	19.38	19.85	19.63		
10	64QAM	50	0	19.49	19.59	19.59		
10	256QAM	1	0	17.60	17.75	17.61		
10	256QAM	1	25	17.39	17.45	17.43	19	5
10	256QAM	1	49	17.68	17.77	17.60		
10	256QAM	25	0	17.30	17.39	17.38		
10	256QAM	25	12	17.61	17.67	17.56	19	5
10	256QAM	25	25	17.50	17.61	17.53		
10	256QAM	50	0	17.46	17.54	17.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
5	QPSK	1	0	22.32	22.92	22.52		
5	QPSK	1	12	22.38	22.74	22.62	24	0
5	QPSK	1	24	22.45	22.74	22.63		
5	QPSK	12	0	21.33	21.60	21.63		
5	QPSK	12	7	21.46	21.81	21.71	23	1
5	QPSK	12	13	21.43	21.85	21.82		
5	QPSK	25	0	21.36	21.66	21.66		
5	16QAM	1	0	21.68	21.96	21.73		
5	16QAM	1	12	21.34	21.78	21.67	23	1
5	16QAM	1	24	21.39	21.77	21.73		
5	16QAM	12	0	20.39	20.70	20.65		
5	16QAM	12	7	20.67	20.92	20.78	22	2
5	16QAM	12	13	20.57	20.93	20.83		
5	16QAM	25	0	20.47	20.78	20.64		
5	64QAM	1	0	20.53	20.75	20.77		
5	64QAM	1	12	20.51	20.88	20.75	22	2
5	64QAM	1	24	20.33	20.63	20.57		
5	64QAM	12	0	19.38	19.65	19.69		
5	64QAM	12	7	19.55	19.90	19.65	21	3
5	64QAM	12	13	19.46	19.77	19.80		
5	64QAM	25	0	19.44	19.71	19.56		
5	256QAM	1	0	17.68	17.77	17.59		
5	256QAM	1	12	17.38	17.50	17.45	19	5
5	256QAM	1	24	17.46	17.77	17.72		
5	256QAM	12	0	17.32	17.46	17.40		
5	256QAM	12	7	17.54	17.64	17.61	19	5
5	256QAM	12	13	17.53	17.54	17.58		
5	256QAM	25	0	17.51	17.62	17.43		

Band 7_Ant 2

BW [MHz]	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	24.60	24.73	24.68		
20	QPSK	1	49	24.56	24.37	24.50	25.5	0
20	QPSK	1	99	24.56	24.34	24.56		
20	QPSK	50	0	23.26	23.51	23.29		
20	QPSK	50	24	23.21	23.41	23.28	24.5	1
20	QPSK	50	50	23.12	23.45	23.31		
20	QPSK	100	0	23.21	23.44	23.35		
20	16QAM	1	0	23.46	23.66	23.39		
20	16QAM	1	49	23.41	23.69	23.37	24.5	1
20	16QAM	1	99	23.44	23.58	23.29		
20	16QAM	50	0	22.18	22.22	22.32		
20	16QAM	50	24	22.15	22.35	22.26	23.5	2
20	16QAM	50	50	22.28	22.40	22.39		
20	16QAM	100	0	22.22	22.31	22.28		
20	64QAM	1	0	21.92	22.26	22.01		
20	64QAM	1	49	22.25	22.30	22.21	23.5	2
20	64QAM	1	99	22.29	22.35	22.02		
20	64QAM	50	0	21.45	21.79	21.74		
20	64QAM	50	24	21.64	21.58	21.53	22.5	3
20	64QAM	50	50	21.75	21.73	21.63		
20	64QAM	100	0	21.55	21.62	21.79		
20	256QAM	1	0	19.53	19.66	19.47		
20	256QAM	1	49	19.70	19.89	19.72	20.5	5
20	256QAM	1	99	19.51	19.58	19.56		
20	256QAM	50	0	19.34	19.54	19.42		
20	256QAM	50	24	19.50	19.50	19.50	20.5	5
20	256QAM	50	50	19.62	19.68	19.49		
20	256QAM	100	0	19.50	19.52	19.46		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.70	24.40		
15	QPSK	1	37	24.21	24.47	24.43	25.5	0
15	QPSK	1	74	24.29	24.45	24.31		
15	QPSK	36	0	23.28	23.54	23.34		
15	QPSK	36	20	23.27	23.49	23.35	24.5	1
15	QPSK	36	39	23.21	23.52	23.38		
15	QPSK	75	0	23.23	23.47	23.39		
15	16QAM	1	0	23.51	23.72	23.45		
15	16QAM	1	37	23.48	23.79	23.48	24.5	1
15	16QAM	1	74	23.49	23.64	23.35		
15	16QAM	36	0	22.27	22.30	22.42		
15	16QAM	36	20	22.25	22.45	22.34	23.5	2
15	16QAM	36	39	22.36	22.46	22.46		
15	16QAM	75	0	22.31	22.40	22.35		
15	64QAM	1	0	22.00	22.31	22.07		
15	64QAM	1	37	22.30	22.36	22.27	23.5	2
15	64QAM	1	74	22.34	22.45	22.09		
15	64QAM	36	0	21.55	21.88	21.79		
15	64QAM	36	20	21.82	21.82	21.71	22.5	3
15	64QAM	36	39	21.82	21.82	21.71		
15	64QAM	75	0	21.64	21.67	21.84		
15	256QAM	1	0	19.59	19.76	19.54		
15	256QAM	1	37	19.79	19.95	19.80	20.5	5
15	256QAM	1	74	19.59	19.62	19.61		
15	256QAM	36	0	19.44	19.59	19.50		
15	256QAM	36	20	19.56	19.68	19.57	20.5	5
15	256QAM	36	39	19.71	19.74	19.59		
15	256QAM	75	0	19.55	19.57	19.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.23	24.67	24.42		
10	QPSK	1	25	24.25	24.44	24.43	25.5	0
10	QPSK	1	49	24.25	24.44	24.36		
10	QPSK	25	0	23.27	23.53	23.33		
10	QPSK	25	12	23.26	23.46	23.35	24.5	1
10	QPSK	25	25	23.21	23.54	23.36		
10	QPSK	50	0	23.24	23.49	23.37		
10	16QAM	1	0	23.54	23.73	23.48		
10	16QAM	1	25	23.51	23.79	23.43	24.5	1
10	16QAM	1	49	23.54	23.65	23.38		
10	16QAM	25	0	22.24	22.27	22.37		
10	16QAM	25	12	22.22	22.43	22.32	23.5	2
10	16QAM	25	25	22.35	22.47	22.49		
10	16QAM	50	0	22.27	22.40	22.36		
10	64QAM	1	0	21.97	22.32	22.10		
10	64QAM	1	25	22.30	22.35	22.30	23.5	2
10	64QAM	1	49	22.34	22.41	22.11		
10	64QAM	25	0	21.51	21.84	21.84		
10	64QAM	25	12	21.71	21.65	21.59	22.5	3
10	64QAM	25	25	21.81	21.82	21.71		
10	64QAM	50	0	21.60	21.70	21.64		
10	256QAM	1	0	19.63	19.73	19.57		
10	256QAM	1	25	19.80	19.94	19.80	20.5	5
10	256QAM	1	49	19.58	19.65	19.65		
10	256QAM	25	0	19.43	19.63	19.50		
10	256QAM	25	12	19.56	19.68	19.60	20.5	5
10	256QAM	25	25	19.66	19.78	19.55		
10	256QAM	50	0	19.58	19.62	19.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
5	QPSK	1	0	24.22	24.58	24.43		
5	QPSK	1	12	24.20	24.45	24.41	25.5	0
5	QPSK	1	24	24.26	24.44	24.36		
5	QPSK	12	0	23.30	23.53	23.32		
5	QPSK	12	7	23.31	23.49	23.36	24.5	1
5	QPSK	12	13	23.20	23.50	23.39		
5	QPSK	25	0	23.22	23.47	23.36		
5	16QAM	1	0	23.43	23.77	23.44		
5	16QAM	1	12	23.48	23.78	23.46	24.5	1
5	16QAM	1	24	23.51	23.63	23.38		
5	16QAM	12	0	22.23	22.32	22.39		
5	16QAM	12	7	22.23	22.41	22.31	23.5	2
5	16QAM	12	13	22.34	22.48	22.46		
5	16QAM	25	0	22.30	22.38	22.33		
5	64QAM	1	0	21.97	22.34	22.06		
5	64QAM	1	12	22.32	22.37	22.27	23.5	2
5	64QAM	1	24	22.36	22.43	22.11		
5	64QAM	12	0	21.54	21.89	21.79		
5	64QAM	12	7	21.73	21.64	21.60	22.5	3
5	64QAM	12	13	21.80	21.80	21.69		
5	64QAM	25	0	21.61	21.67	21.85		
5	256QAM	1	0	19.59	19.72	19.53		
5	256QAM	1	12	19.79	19.98	19.82	20.5	5
5	256QAM	1	24	19.59	19.65	19.62		
5	256QAM	12	0	19.41	19.64	19.47		
5	256QAM	12	7	19.56	19.70	19.59	20.5	5
5	256QAM	12	13	19.69	19.77	19.59		
5	256QAM	25	0	19.55	19.60	19.54		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.28	24.30	24.22		
20	QPSK	1	49	24.24	24.15	24.12	25.2	0
20	QPSK	1	99	24.18	24.28	24.11		
20	QPSK	50	0	23.22	23.36	23.30		
20	QPSK	50	24	23.23	23.30	23.35	24.2	1
20	QPSK	50	50	23.17	23.29	23.32		
20	QPSK	100	0	23.14	23.32	23.19		
20	16QAM	1	0	23.50	23.12	23.47		
20	16QAM	1	49	23.97	23.55	23.43	24.2	1
20	16QAM	1	99	23.47	22.92	23.64		
20	16QAM	50	0	22.05	22.31	22.29		
20	16QAM	50	24	22.18	22.32	22.28	23.2	2
20	16QAM	50	50	22.17	22.42	22.37		
20	16QAM	100

Band 12_Ant 0

BW [MHz]	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	24.88	24.98	24.87	25.5	0
10	QPSK	1	25	24.92	24.86	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.94	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20	24.5	1
10	16QAM	1	25	24.12	24.15	24.16		
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02	23.5	2
10	16QAM	25	12	23.04	23.01	23.03		
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02	23.5	2
10	64QAM	1	25	23.01	23.12	23.43		
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98	22.5	3
10	64QAM	25	12	22.00	21.96	21.86		
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99	20.5	5
10	256QAM	1	25	20.37	20.39	20.26		
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19	20.5	5
10	256QAM	25	12	20.06	20.20	20.13		
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.85	24.75		
5	QPSK	12	0	23.75	23.80	23.71	24.5	1
5	QPSK	12	7	23.80	23.86	23.80		
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07	24.5	1
5	16QAM	1	12	24.03	24.02	24.08		
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97	23.5	2
5	16QAM	12	7	22.94	22.93	22.94		
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89	23.5	2
5	64QAM	1	12	22.92	23.07	23.36		
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83	22.5	3
5	64QAM	12	7	21.94	21.83	21.72		
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87	20.5	5
5	256QAM	1	12	20.24	20.36	20.11		
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12	20.5	5
5	256QAM	12	7	19.98	20.10	19.98		
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.88	24.74		
3	QPSK	8	0	23.68	23.81	23.76	24.5	1
3	QPSK	8	4	23.82	23.84	23.82		
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10	24.5	1
3	16QAM	1	8	24.01	24.04	24.03		
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91	23.5	2
3	16QAM	8	4	22.94	22.82	22.88		
3	16QAM	8	7	22.87	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89	23.5	2
3	64QAM	1	8	22.89	23.03	23.38		
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84	22.5	3
3	64QAM	8	4	21.93	21.91	21.71		
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88	20.5	5
3	256QAM	1	8	20.22	20.36	20.10		
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10	20.5	5
3	256QAM	8	4	19.91	20.04	20.01		
3	256QAM	8	7	20.08	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.62	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03	24.5	1
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42		
1.4	16QAM	3	0	24.15	23.98	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88	23.5	2
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.85		
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.83	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93	20.5	5
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12		
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.08	24.18	23.93	25.5	0
10	QPSK	1	25	24.10	23.91	24.01		
10	QPSK	1	49	24.03	23.86	24.14		
10	QPSK	25	0	22.84	23.17	23.08	24.5	1
10	QPSK	25	12	23.10	23.06	23.13		
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27	24.5	1
10	16QAM	1	25	23.49	23.51	23.09		
10	16QAM	1	49	23.51	23.65	23.53		
10	16QAM	25	0	22.01	22.13	22.00	23.5	2
10	16QAM	25	12	22.21	22.10	21.98		
10	16QAM	25	25	22.24	22.13	22.15		
10	16QAM	50	0	22.22	21.98	22.16		
10	64QAM	1	0	22.09	22.09	21.89	23.5	2
10	64QAM	1	25	22.38	22.34	22.22		
10	64QAM	1	49	22.28	22.31	22.58		
10	64QAM	25	0	21.03	21.08	21.01	22.5	3
10	64QAM	25	12	21.17	21.09	21.06		
10	64QAM	25	25	21.13	21.13	21.09		
10	64QAM	50	0	21.19	20.87	21.16		
10	256QAM	1	0	19.45	19.54	19.40	20.5	5
10	256QAM	1	25	19.70	19.77	19.70		
10	256QAM	1	49	19.53	19.63	19.51		
10	256QAM	25	0	19.35	19.42	19.32	20.5	5
10	256QAM	25	12	19.38	19.46	19.39		
10	256QAM	25	25	19.33	19.44	19.39		
10	256QAM	50	0	19.25	19.41	19.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.92	23.95	23.75	25.5	0
5	QPSK	1	12	23.99	23.90	23.91		
5	QPSK	1	24	23.86	23.81	24.08		
5	QPSK	12	0	22.91	23.06	22.97	24.5	1
5	QPSK	12	7	22.98	22.97	23.02		
5	QPSK	12	13	23.00	23.09	22.98		
5	QPSK	25	0	22.89	22.93	22.93		
5	16QAM	1	0	23.54	23.51	23.14	24.5	1
5	16QAM	1	12	23.41	23.42	22.98		
5	16QAM	1	24	23.44	23.52	23.46		
5	16QAM	12	0	21.93	22.03	21.99	23.5	2
5	16QAM	12	7	22.03	22.03	21.85		
5	16QAM	12	13	22.13	22.06	22.02		
5	16QAM	25	0	22.11	21.91	21.98		
5	64QAM	1	0	21.95	21.99	21.78	23.5	2
5	64QAM	1	12	22.26	22.24	22.11		
5	64QAM	1	24	22.20	22.20	22.44		
5	64QAM	12	0	20.92	20.92	20.94	22.5	3
5	64QAM	12	7	21.01	21.01	20.98		
5	64QAM	12	13	21.02	21.13	20.96		
5	64QAM	25	0	21.04	20.79	21.06		
5	256QAM	1	0	19.38	19.44	19.34	20.5	5
5	256QAM	1	12	19.54	19.61	19.58		
5	256QAM	1	24	19.45	19.51	19.45		
5	256QAM	12	0	19.21	19.28	19.21	20.5	5
5	256QAM	12	7	19.26	19.37	19.32		
5	256QAM	12	13	19.30	19.35	19.25		
5	256QAM	25	0	19.11	19.29	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.96	24.01	23.85	25.5	0
3	QPSK	1	8	23.95	23.85	23.97		
3	QPSK	1	14	23.92	23.82	24.02		
3	QPSK	8	0	22.82	23.10	22.94	24.5	1
3	QPSK	8	4	22.95	22.94	22.98		
3	QPSK	8	7	22.98	23.05	22.97		
3	QPSK	15	0	22.91	23.01	22.98		
3	16QAM	1	0	23.55	23.45	23.11	24.5	1
3	16QAM	1	8	23.42	23.35	23.09		
3	16QAM	1	14	23.44	23.51	23.43		
3	16QAM	8	0	21.93	22.04	21.99	23.5	2
3	16QAM	8	4	22.07	21.99	21.81		
3	16QAM	8	7	22.19	22.13	21.99		
3	16QAM	15	0	22.16	21.81	22.06		
3	64QAM	1	0	22.01	21.93	21.82	23.5	2
3	64QAM	1	8	22.29	22.19	22.02		
3	64QAM	1	14	22.09	22.26	22.47		
3	64QAM	8	0	20.90	20.90	20.88	22.5	3
3	64QAM	8	4	21.14	20.98	20.91		
3	64QAM	8	7	21.08	21.08	20.99		
3	64QAM	15	0	21.06	20.84	21.09		
3	256QAM	1	0	19.37	19.45	19.23	20.5	5
3	256QAM	1	8	19.54	19.63	19.66		
3	256QAM	1	14	19.45	19.50	19.38		
3	256QAM	8	0	19.27	19.25	19.17	20.5	5
3	256QAM	8	4	19.23	19.40	19.36		
3	256QAM	8	7	19.27	19.36	19.21		
3	256QAM	15	0	19.10	19.35	19.16		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.90	23.95	23.86	25.5	0
1.4	QPSK	1	3	23.92	23.77	23.93		
1.4	QPSK	1	5	23.90	23.79	23.93		
1.4	QPSK	3	0	23.83	23.82	23.78		
1.4	QPSK	3	1	23.84	23.84	23.80		
1.4	QPSK	3	3	23.85	23.85	23.82		
1.4	QPSK	6	0	23.01	22.93	23.04	24.5	1
1.4	16QAM	1	0	23.55	23.52	23.15	24.5	1
1.4	16QAM	1	3	23.42	23.41	23.03		
1.4	16QAM	1	5	23.40	23.48	23.47		
1.4	16QAM	3	0	23.42	23.40	23.00		
1.4	16QAM	3	1	23.37	23.28	22.91		
1.4	16QAM	3	3	23.25	23.43	23.32		
1.4	16QAM	6	0	22.09	21.88	22.05	23.5	2
1.4	64QAM	1	0	22.02	22.02	21.83	23.5	2
1.4	64QAM	1	3	22.30	22.18	22.13		
1.4	64QAM	1	5	22.14	22.27	22.45		
1.4	64QAM	3	0	21.88	21.94	21.81		
1.4	64QAM	3	1	22.16	22.06	21.94		
1.4	64QAM	3	3	22.06	22.11	22.35		
1.4	64QAM	6	0	21.12	20.83	21.01	22.5	3
1.4	256QAM	1	0	19.36	19.43	19.33	20.5	5
1.4	256QAM	1	3	19.55	19.71	19.62		
1.4	256QAM	1	5	19.48	19.48	19.45		
1.4	256QAM	3	0	19.18	19.29	19.25		
1.4	256QAM	3	1	19.25	19.43	19.37		
1.4	256QAM	3	3	19.29	19.26	19.32		
1.4	256QAM	6	0	19.15	19.30	19.24	20.5	5

Band 13_Ant 0

BW [MHz]	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		25.03		25.5	0
10	QPSK	1	25		25.00			
10	QPSK	1	49		25.02			
10	QPSK	25	0		24.02		24.5	1
10	QPSK	25	12		23.98			
10	QPSK	25	25		23.99			
10	QPSK	50	0		23.98			
10	16QAM	1	0		24.42		24.5	1
10	16QAM	1	25		24.50			
10	16QAM	1	49		24.29			
10	16QAM	25	0		22.89		23.5	2
10	16QAM	25	12		23.01			
10	16QAM	25	25		23.07			
10	16QAM	50	0		22.96			
10	64QAM	1	0		22.80		23.5	2
10	64QAM	1	25		23.12			
10	64QAM	1	49		23.08			
10	64QAM	25	0		21.87		22.5	3
10	64QAM	25	12		21.93			
10	64QAM	25	25		22.07			
10	64QAM	50	0		21.94			
10	256QAM	1	0		20.39		20.5	5
10	256QAM	1	25		19.90			
10	256QAM	1	49		20.22			
10	256QAM	25	0		19.93		20.5	5
10	256QAM	25	12		20.31			
10	256QAM	25	25		20.30			
10	256QAM	50	0		20.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.91	24.89	24.89	25.5	0
5	QPSK	1	12	24.88	24.85	24.91		
5	QPSK	1	24	24.88	24.93	24.89		
5	QPSK	12	0	23.92	23.94	23.88	24.5	1
5	QPSK	12	7	23.86	23.86	23.86		
5	QPSK	12	13	23.80	23.90	23.81		
5	QPSK	25	0	23.89	23.84	23.86		
5	16QAM	1	0	24.29	24.23	24.32	24.5	1
5	16QAM	1	12	24.36	24.31	24.37		
5	16QAM	1	24	24.19	24.20	24.21		
5	16QAM	12	0	22.72	22.79	22.81	23.5	2
5	16QAM	12	7	22.90	22.92	22.83		
5	16QAM	12	13	22.94	22.90	22.99		
5	16QAM	25	0	22.88	22.83	22.88		
5	64QAM	1	0	23.02	23.06	23.09	23.5	2
5	64QAM	1	12	23.33	23.37	23.33		
5	64QAM	1	24	22.92	22.92	22.98		
5	64QAM	12	0	21.74	21.70	21.69	22.5	3
5	64QAM	12	7	21.82	21.79	21.79		
5	64QAM	12	13	21.94	21.98	21.99		
5	64QAM	25	0	21.77	21.80	21.81		
5	256QAM	1	0	20.23	20.29	20.25	20.5	5
5	256QAM	1	12	20.14	20.14	20.12		
5	256QAM	1	24	20.05	20.10	20.11		
5	256QAM	12	0	20.16	20.16	20.24	20.5	5
5	256QAM	12	7	20.23	20.17	20.19		
5	256QAM	12	13	20.13	20.11	20.15		
5	256QAM	25	0	20.08	20.14	20.07		

Band 13_Ant 1

BW [MHz]	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		24.24		25.5	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.18			
10	QPSK	25	0		23.32		24.5	1
10	QPSK	25	12		23.20			
10	QPSK	25	25		23.28			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.77		24.5	1
10	16QAM	1	25		23.77			
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.13		23.5	2
10	16QAM	25	12		22.17			
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.34		23.5	2
10	64QAM	1	25		22.93			
10	64QAM	1	49		22.56			
10	64QAM	25	0		21.13		22.5	3
10	64QAM	25	12		21.30			
10	64QAM	25	25		21.14			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.79		20.5	5
10	256QAM	1	25		19.84			
10	256QAM	1	49		19.82			
10	256QAM	25	0		19.72		20.5	5
10	256QAM	25	12		19.67			
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.02	24.07	25.5	0
5	QPSK	1	12	24.05	24.06	24.01		
5	QPSK	1	24	23.99	24.05	24.02		
5	QPSK	12	0	23.14	23.17	23.17	24.5	1
5	QPSK	12	7	23.06	23.02	23.05		
5	QPSK	12	13	23.05	23.13	23.05		
5	QPSK	25	0	23.08	23.00	23.04		
5	16QAM	1	0	23.61	23.60	23.62	24.5	1
5	16QAM	1	12	23.57	23.54	23.52		
5	16QAM	1	24	23.43	23.44	23.44		
5	16QAM	12	0	22.04	22.00	22.08	23.5	2
5	16QAM	12	7	22.08	22.03	22.03		
5	16QAM	12	13	22.11	22.10	22.02		
5	16QAM	25	0	22.02	22.03	21.99		
5	64QAM	1	0	22.13	22.11	22.18	23.5	2
5	64QAM	1	12	22.78	22.70	22.73		
5	64QAM	1	24	22.35	22.34	22.40		
5	64QAM	12	0	21.08	21.05	20.99	22.5	3
5	64QAM	12	7	21.15	21.08	21.14		
5	64QAM	12	13	21.01	21.05	21.05		
5	64QAM	25	0	21.05	21.06	21.00		
5	256QAM	1	0	19.65	19.58	19.59	20.5	5
5	256QAM	1	12	19.84	19.69	19.66		
5	256QAM	1	24	19.67	19.60	19.60		
5	256QAM	12	0	19.52	19.51	19.52	20.5	5
5	256QAM	12	7	19.51	19.50	19.50		
5	256QAM	12	13	19.52	19.48	19.51		
5	256QAM	25	0	19.51	19.50	19.49		

Band 17_Ant 0

BW [MHz]	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	24.96	24.97	24.82	25.5	0
10	QPSK	1	25	24.77	24.89	24.85		
10	QPSK	1	49	24.68	24.88	24.91		
10	QPSK	25	0	23.87	23.98	23.92	24.5	1
10	QPSK	25	12	23.91	23.97	23.96		
10	QPSK	25	25	23.90	23.87	23.93		
10	QPSK	50	0	23.91	24.06	24.03		
10	16QAM	1	0	24.04	24.20	24.33	24.5	1
10	16QAM	1	25	24.28	24.67	24.11		
10	16QAM	1	49	24.27	24.36	24.50		
10	16QAM	25	0	23.00	22.92	23.04	23.5	2
10	16QAM	25	12	22.97	23.10	22.88		
10	16QAM	25	25	23.01	22.89	22.98		
10	16QAM	50	0	22.94	23.01	23.02		
10	64QAM	1	0	23.50	23.07	22.71	23.5	2
10	64QAM	1	25	22.85	23.16	22.86		
10	64QAM	1	49	23.28	22.60	23.28		
10	64QAM	25	0	22.00	21.99	21.91	22.5	3
10	64QAM	25	12	22.08	22.08	22.00		
10	64QAM	25	25	21.93	21.92	21.91		
10	64QAM	50	0	22.01	22.02	22.00		
10	256QAM	1	0	20.36	20.41	20.33	20.5	5
10	256QAM	1	25	20.26	20.42	20.34		
10	256QAM	1	49	20.05	20.15	20.04		
10	256QAM	25	0	20.23	20.29	20.14	20.5	5
10	256QAM	25	12	20.24	20.35	20.28		
10	256QAM	25	25	20.23	20.28	20.18		
10	256QAM	50	0	20.25	20.31	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.82	24.91	24.71	25.5	0
5	QPSK	1	12	24.66	24.74	24.71		
5	QPSK	1	24	24.57	24.80	24.84		
5	QPSK	12	0	23.78	23.85	23.82	24.5	1
5	QPSK	12	7	23.82	23.81	23.88		
5	QPSK	12	13	23.79	23.76	23.81		
5	QPSK	25	0	23.79	23.92	23.92		
5	16QAM	1	0	23.91	24.05	24.26	24.5	1
5	16QAM	1	12	24.18	24.58	24.01		
5	16QAM	1	24	24.21	24.31	24.40		
5	16QAM	12	0	22.93	22.76	22.96	23.5	2
5	16QAM	12	7	22.85	22.95	22.77		
5	16QAM	12	13	22.95	22.83	22.89		
5	16QAM	25	0	22.83	22.85	22.90		
5	64QAM	1	0	23.43	23.02	22.63	23.5	2
5	64QAM	1	12	22.70	23.00	22.76		
5	64QAM	1	24	23.13	22.47	23.14		
5	64QAM	12	0	21.89	21.93	21.82	22.5	3
5	64QAM	12	7	21.93	22.02	21.87		
5	64QAM	12	13	21.86	21.77	21.76		
5	64QAM	25	0	21.87	21.87	21.89		
5	256QAM	1	0	20.20	20.31	20.20	20.5	5
5	256QAM	1	12	20.18	20.37	20.27		
5	256QAM	1	24	19.93	20.02	19.99		
5	256QAM	12	0	20.17	20.21	20.03	20.5	5
5	256QAM	12	7	20.16	20.21	20.22		
5	256QAM	12	13	20.17	20.16	20.02		
5	256QAM	25	0	20.14	20.15	20.12		

Band 17_Ant 1

BW [MHz]	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	24.05	24.24	23.97	25.5	0
10	QPSK	1	25	24.21	24.05	24.04		
10	QPSK	1	49	24.13	24.19	24.22		
10	QPSK	25	0	23.13	23.24	23.12	24.5	1
10	QPSK	25	12	23.22	23.22	23.16		
10	QPSK	25	25	23.19	23.23	23.15		
10	QPSK	50	0	23.24	23.25	23.17		
10	16QAM	1	0	23.69	23.03	23.34	24.5	1
10	16QAM	1	25	23.83	23.29	23.39		
10	16QAM	1	49	23.62	23.82	23.47		
10	16QAM	25	0	22.26	22.10	22.11	23.5	2
10	16QAM	25	12	22.43	22.28	22.07		
10	16QAM	25	25	22.23	22.26	22.19		
10	16QAM	50	0	22.26	22.24	22.27		
10	64QAM	1	0	22.48	22.49	22.52	23.5	2
10	64QAM	1	25	22.24	22.25	22.47		
10	64QAM	1	49	22.48	22.27	22.45		
10	64QAM	25	0	21.15	21.18	21.17	22.5	3
10	64QAM	25	12	21.27	21.23	21.12		
10	64QAM	25	25	21.19	21.22	21.23		
10	64QAM	50	0	21.22	21.23	21.31		
10	256QAM	1	0	19.47	19.59	19.50	20.5	5
10	256QAM	1	25	19.61	19.73	19.61		
10	256QAM	1	49	19.46	19.51	19.42		
10	256QAM	25	0	19.37	19.47	19.38	20.5	5
10	256QAM	25	12	19.49	19.56	19.51		
10	256QAM	25	25	19.48	19.53	19.39		
10	256QAM	50	0	19.51	19.59	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.10	23.90	25.5	0
5	QPSK	1	12	24.07	23.97	23.89		
5	QPSK	1	24	24.07	24.06	24.15		
5	QPSK	12	0	22.97	23.08	22.97	24.5	1
5	QPSK	12	7	23.08	23.11	23.07		
5	QPSK	12	13	23.09	23.15	23.04		
5	QPSK	25	0	23.16	23.09	23.10		
5	16QAM	1	0	23.63	22.90	23.28	24.5	1
5	16QAM	1	12	23.73	23.20	23.28		
5	16QAM	1	24	23.56	23.74	23.39		
5	16QAM	12	0	22.15	22.01	22.06	23.5	2
5	16QAM	12	7	22.34	22.12	22.02		
5	16QAM	12	13	22.15	22.19	22.10		
5	16QAM	25	0	22.15	22.14	22.11		
5	64QAM	1	0	22.37	22.36	22.40	23.5	2
5	64QAM	1	12	22.78	22.12	22.31		
5	64QAM	1	24	22.39	22.14	22.31		
5	64QAM	12	0	21.10	21.12	21.09	22.5	3
5	64QAM	12	7	21.17	21.08	20.98		
5	64QAM	12	13	21.10	21.16	21.14		
5	64QAM	25	0	21.11	21.13	21.21		
5	256QAM	1	0	19.31	19.49	19.36	20.5	5
5	256QAM	1	12	19.48	19.67	19.49		
5	256QAM	1	24	19.31	19.36	19.28		
5	256QAM	12	0	19.28	19.39	19.33	20.5	5
5	256QAM	12	7	19.37	19.40	19.42		
5	256QAM	12	13	19.41	19.48	19.33		
5	256QAM	25	0	19.43	19.43	19.41		

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.36	24.50	24.35	25.5	0
20	QPSK	1	49	24.24	24.26	24.28		
20	QPSK	1	99	24.29	24.26	23.95		
20	QPSK	50	0	23.30	23.35	23.23	24.5	1
20	QPSK	50	24	23.28	23.20	23.30		
20	QPSK	50	50	23.29	23.22	23.25		
20	QPSK	100	0	23.28	23.35	23.29		
20	16QAM	1	0	23.27	23.73	23.88	24.5	1
20	16QAM	1	49	23.83	23.32	23.86		
20	16QAM	1	99	23.53	23.71	23.51		
20	16QAM	50	0	22.31	22.28	22.30	23.5	2
20	16QAM	50	24	22.33	22.42	22.30		
20	16QAM	50	50	22.26	22.44	22.28		
20	16QAM	100	0	22.32	22.45	22.25		
20	64QAM	1	0	22.23	22.50	22.20	23.5	2
20	64QAM	1	49	22.47	22.68	22.44		
20	64QAM	1	99	22.87	22.71	22.63		
20	64QAM	50	0	21.27	21.43	21.41	22.5	3
20	64QAM	50	24	21.36	21.44	21.33		
20	64QAM	50	50	21.33	21.31	21.49		
20	64QAM	100	0	21.32	21.36	21.41		
20	256QAM	1	0	19.58	19.64	19.45	20.5	5
20	256QAM	1	49	19.47	19.51	19.42		
20	256QAM	1	99	19.86	20.05	19.89		
20	256QAM	50	0	19.42	19.50	19.40	20.5	5
20	256QAM	50	24	19.50	19.58	19.44		
20	256QAM	50	50	19.59	19.66	19.58		
20	256QAM	100	0	19.65	19.60	19.53		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.45	24.44	24.40	25.5	0
15	QPSK	1	37	24.31	24.36	24.31		
15	QPSK	1	74	24.28	24.34	24.25		
15	QPSK	36	0	23.37	23.37	23.37	24.5	1
15	QPSK	36	20	23.21	23.23	23.21		
15	QPSK	36	39	23.29	23.33	23.30		
15	QPSK	75	0	23.31	23.31	23.32		
15	16QAM	1	0	23.81	23.78	23.75	24.5	1
15	16QAM	1	37	23.38	23.34	23.32		
15	16QAM	1	74	23.77	23.72	23.72		
15	16QAM	36	0	22.23	22.26	22.20	23.5	2
15	16QAM	36	20	22.42	22.42	22.44		
15	16QAM	36	39	22.39	22.39	22.37		
15	16QAM	75	0	22.32	22.35	22.37		
15	64QAM	1	0	22.52	22.47	22.47	23.5	2
15	64QAM	1	37	22.78	22.78	22.78		
15	64QAM	1	74	22.73	22.69	22.65		
15	64QAM	36	0	21.50	21.51	21.49	22.5	3
15	64QAM	36	20	21.44	21.45	21.44		
15	64QAM	36	39	21.36	21.38	21.44		
15	64QAM	75	0	21.38	21.31	21.39		
15	256QAM	1	0	19.62	19.64	19.59	20.5	5
15	256QAM	1	37	19.53	19.52	19.48		
15	256QAM	1	74	20.06	20.04	20.05		
15	256QAM	36	0	19.49	19.50	19.50	20.5	5
15	256QAM	36	20	19.69	19.63	19.63		
15	256QAM	36	39	19.61	19.56	19.54		
15	256QAM	75	0	19.75	19.69	19.72		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.44	24.44	24.49	25.5	0
10	QPSK	1	25	24.36	24.24	24.29		
10	QPSK	1	49	24.17	24.15	24.21		
10	QPSK	25	0	23.38	23.25	23.33	24.5	1
10	QPSK	25	12	23.17	23.25	23.25		
10	QPSK	25	25	23.31	23.20	23.37		
10	QPSK	50	0	23.30	23.35	23.35		
10	16QAM	1	0	23.83	23.78	23.78	24.5	1
10	16QAM	1	25	23.34	23.32	23.34		
10	16QAM	1	49	23.77	23.63	23.72		
10	16QAM	25	0	22.26	22.39	22.25	23.5	2
10	16QAM	25	12	22.34	22.39	22.40		
10	16QAM	25	25	22.38	22.37	22.42		
10	16QAM	50	0	22.32	22.40	22.37		
10	64QAM	1	0	22.47	22.54	22.53	23.5	2
10	64QAM	1	25	22.83	22.67	22.83		
10	64QAM	1	49	22.68	22.65	22.74		
10	64QAM	25	0	21.52	21.48	21.52	22.5	3
10	64QAM	25	12	21.49	21.44	21.42		
10	64QAM	25	25	21.42	21.20	21.38		
10	64QAM	50	0	21.39	21.38	21.27		
10	256QAM	1	0	19.57	19.56	19.60	20.5	5
10	256QAM	1	25	19.49	19.64	19.55		
10	256QAM	1	49	20.09	20.04	20.08		
10	256QAM	25	0	19.53	19.54	19.51	20.5	5
10	256QAM	25	12	19.62	19.59	19.66		
10	256QAM	25	25	19.54	19.57	19.59		
10	256QAM	50	0	19.78	19.69	19.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.42	24.42	24.40	25.5	0
5	QPSK	1	12	24.30	24.20	24.34		
5	QPSK	1	24	24.23	24.29	24.25		
5	QPSK	12	0	23.39	23.32	23.43	24.5	1
5	QPSK	12	7	23.17	23.21	23.21		
5	QPSK	12	13	23.27	23.15	23.33		
5	QPSK	25	0	23.36	23.30	23.35		
5	16QAM	1	0	23.75	23.72	23.79	24.5	1
5	16QAM	1	12	23.28	23.28	23.27		
5	16QAM	1	24	23.76	23.70	23.67		
5	16QAM	12	0	22.26	22.22	22.30	23.5	2
5	16QAM	12	7	22.40	22.42	22.43		
5	16QAM	12	13	22.36	22.36	22.35		
5	16QAM	25	0	22.40	22.40	22.35		
5	64QAM	1	0	22.46	22.46	22.44	23.5	2
5	64QAM	1	12	22.81	22.69	22.83		
5	64QAM	1	24	22.75	22.75	22.71		
5	64QAM	12	0	21.53	21.47	21.44	22.5	3
5	64QAM	12	7	21.49	21.49	21.48		
5	64QAM	12	13	21.37	21.20	21.36		
5	64QAM	25	0	21.36	21.28	21.33		
5	256QAM	1	0	19.64	19.60	19.56	20.5	5
5	256QAM	1	12	19.53	19.56	19.49		
5	256QAM	1	24	20.09	20.01	20.05		
5	256QAM	12	0	19.48	19.56	19.58	20.5	5
5	256QAM	12	7	19.57	19.68	19.66		
5	256QAM	12	13	19.62	19.63	19.60		
5	256QAM	25	0	19.70	19.57	19.76		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.38	24.42	24.47	25.5	0
3	QPSK	1	8	24.31	24.29	24.30		
3	QPSK	1	14	24.26	24.16	24.28		
3	QPSK	8	0	23.39	23.36	23.40	24.5	1
3	QPSK	8	4	23.19	23.22	23.21		
3	QPSK	8	7	23.29	23.23	23.27		
3	QPSK	15	0	23.31	23.39	23.31		
3	16QAM	1	0	23.77	23.65	23.78	24.5	1
3	16QAM	1	8	23.31	23.32	23.34		
3	16QAM	1	14	23.69	23.76	23.66		
3	16QAM	8	0	22.24	22.40	22.27	23.5	2
3	16QAM	8	4	22.48	22.41	22.45		
3	16QAM	8	7	22.39	22.45	22.40		
3	16QAM	15	0	22.38	22.41	22.35		
3	64QAM	1	0	22.55	22.55	22.47	23.5	2
3	64QAM	1	8	22.81	22.75	22.78		
3	64QAM	1	14	22.74	22.81	22.68		
3	64QAM	8	0	21.49	21.54	21.51	22.5	3
3	64QAM	8	4	21.42	21.45	21.40		
3	64QAM	8	7	21.39	21.33	21.34		
3	64QAM	15	0	21.38	21.30	21.32		
3	256QAM	1	0	19.65	19.73	19.60	20.5	5
3	256QAM	1	8	19.50	19.53	19.46		
3	256QAM	1	14	20.04	19.97	20.00		
3	256QAM	8	0	19.55	19.62	19.46	20.5	5
3	256QAM	8	4	19.61	19.57	19.68		
3	256QAM	8	7	19.56	19.69	19.61		
3	256QAM	15	0	19.67	19.64	19.73		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.12	24.40	24.15	25.5	0
1.4	QPSK	1	3	24.19	24.15	24.23		
1.4	QPSK	1	5	24.19	24.05	23.85		
1.4	QPSK	3	0	23.99	24.25	23.94	24.5	1
1.4	QPSK	3	1	24.12	24.10	24.11		
1.4	QPSK	3	3	24.00	23.99	23.77		
1.4	QPSK	6	0	23.23	23.29	23.18		
1.4	16QAM	1	0	23.17	23.68	23.75	24.5	1
1.4	16QAM	1	3	23.81	23.21	23.82		
1.4	16QAM	1	5	23.44	23.59	23.45		
1.4	16QAM	3	0	23.14	23.59	23.70		
1.4	16QAM	3	1	23.55	23.08	23.50		
1.4	16QAM	3	3	23.45	23.23	23.28		
1.4	16QAM	6	0	22.27	22.28	22.05	23.5	2
1.4	64QAM	1	0	22.18	22.46	22.05	23.5	2
1.4	64QAM	1	3	22.40	22.50	22.27		
1.4	64QAM	1	5	22.74	22.64	22.54		
1.4	64QAM	3	0	21.95	22.21	21.94		
1.4	64QAM	3	1	22.27	22.50	22.33		
1.4	64QAM	3	3	22.80	22.39	22.38		
1.4	64QAM	6	0	21.21	21.15	21.29	22.5	3
1.4	256QAM	1	0	19.53	19.44	19.40	20.5	5
1.4	256QAM	1	3	19.34	19.48	19.32		
1.4	256QAM	1	5	19.75	19.89	19.84		
1.4	256QAM	3	0	19.25	19.40	19.34		
1.4	256QAM	3	1	19.48	19.43	19.38		
1.4	256QAM	3	3	19.42	19.56	19.44		
1.4	256QAM	6	0	19.53	19.54	19.47	20.5	5

Band 25_Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.04	24.08	24.02	25.5	0
20	QPSK	1	49	23.87	23.84	23.85		
20	QPSK	1	99	23.86	23.97	23.95		
20	QPSK	50	0	23.00	23.13	23.06	24.5	1
20	QPSK	50	24	22.98	23.12	23.09		
20	QPSK	50	50	22.93	23.04	22.97		
20	QPSK	100	0	22.90	23.08	22.95		
20	16QAM	1	0	22.81	23.51	23.45	24.5	1
20	16QAM	1	49	23.07	23.09	23.43		
20	16QAM	1	99	23.32	22.87	23.06		
20	16QAM	50	0	21.99	22.04	22.14	23.5	2
20	16QAM	50	24	22.17	22.12	22.03		
20	16QAM	50	50	21.95	22.06	22.18		
20	16QAM	100	0	22.01	22.13	22.09		
20	64QAM	1	0	21.98	22.40	22.41	23.5	2
20	64QAM	1	49	22.10	22.19	21.97		
20	64QAM	1	99	21.55	21.73	22.20		
20	64QAM	50	0	21.02	21.06	21.21	22.5	3
20	64QAM	50	24	20.96	21.10	21.05		
20	64QAM	50	50	20.82	21.08	21.06		
20	64QAM	100	0	21.10	21.07	21.10		
20	256QAM	1	0	19.18	19.33	19.20	20.5	5
20	256QAM	1	49	19.31	19.43	19.31		
20	256QAM	1	99	19.34	19.51	19.36		
20	256QAM	50	0	19.15	19.24	19.18	20.5	5
20	256QAM	50	24	19.20	19.30	19.35		
20	256QAM	50	50	19.32	19.47	19.33		
20	256QAM	100	0	19.25	19.36	19.20		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.85	23.85	23.85	25.5	0
15	QPSK	1	37	23.72	23.75	23.80		
15	QPSK	1	74	23.72	23.94	23.84		
15	QPSK	36	0	22.87	22.94	23.00	24.5	1
15	QPSK	36	20	22.93	23.00	23.00		
15	QPSK	36	39	22.86	23.00	22.90		
15	QPSK	75	0	22.80	22.91	22.83		
15	16QAM	1	0	22.80	23.35	23.33	24.5	1
15	16QAM	1	37	22.95	22.98	23.29		
15	16QAM	1	74	23.16	22.71	23.00		
15	16QAM	36	0	21.88	21.97	22.12	23.5	2
15	16QAM	36	20	22.06	21.97	21.88		
15	16QAM	36	39	21.88	21.95	22.14		
15	16QAM	75	0	21.88	22.04	21.99		
15	64QAM	1	0	21.86	22.29	22.27	23.5	2
15	64QAM	1	37	21.86	22.17	21.88		
15	64QAM	1	74	21.60	21.59	22.08		
15	64QAM	36	0	20.90	20.92	21.11	22.5	3
15	64QAM	36	20	20.92	21.01	21.03		
15	64QAM	36	39	20.84	21.01	20.93		
15	64QAM	75	0	20.99	20.95	21.01		
15	256QAM	1	0	19.00	19.25	19.11	20.5	5
15	256QAM	1	37	19.26	19.30	19.18		
15	256QAM	1	74	19.29	19.40	19.28		
15	256QAM	36	0	19.12	19.13	19.13	20.5	5
15	256QAM	36	20	19.12	19.23	19.03		
15	256QAM	36	39	19.26	19.32	19.16		
15	256QAM	75	0	19.13	19.27	19.12		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.78	23.81	23.86	25.5	0
10	QPSK	1	25	23.72	23.80	23.77		
10	QPSK	1	49	23.71	23.87	23.85		
10	QPSK	25	0	22.91	22.99	22.99	24.5	1
10	QPSK	25	12	22.87	23.03	23.02		
10	QPSK	25	25	22.80	22.93	22.89		
10	QPSK	50	0	22.86	22.88	22.83		
10	16QAM	1	0	22.74	23.33	23.32	24.5	1
10	16QAM	1	25	22.98	22.97	23.32		
10

Band 26_Ant 0

BW [MHz]	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	24.34	24.41	24.24	25	0
15	QPSK	1	37	24.21	24.36	24.15		
15	QPSK	1	74	24.09	24.12	24.24		
15	QPSK	36	0	23.29	23.35	23.20	24	1
15	QPSK	36	20	23.18	23.28	23.28		
15	QPSK	36	39	23.21	23.33	23.09		
15	QPSK	75	0	23.30	23.34	23.10		
15	16QAM	1	0	23.67	23.46	23.63	24	1
15	16QAM	1	37	23.52	23.10	23.66		
15	16QAM	1	74	23.09	23.86	23.46		
15	16QAM	36	0	22.33	22.22	22.34	23	2
15	16QAM	36	20	22.28	22.20	22.24		
15	16QAM	36	39	22.22	22.27	22.42		
15	16QAM	75	0	22.21	22.32	22.22		
1	64QAM	1	0	22.09	22.25	22.60	23	2
1	64QAM	1	37	21.93	21.93	22.25		
1	64QAM	1	74	22.29	22.71	22.47		
15	64QAM	36	0	21.16	21.35	21.17	22	3
15	64QAM	36	20	21.31	21.37	21.26		
15	64QAM	36	39	21.27	21.29	21.28		
15	64QAM	75	0	21.36	21.22	21.27		
15	256QAM	1	0	19.71	19.71	19.65	20	5
15	256QAM	1	37	19.41	19.46	19.46		
15	256QAM	1	74	19.57	19.58	19.63		
15	256QAM	36	0	19.54	19.74	19.58	20	5
15	256QAM	36	20	19.54	19.65	19.54		
15	256QAM	36	39	19.51	19.76	19.58		
15	256QAM	75	0	19.40	19.58	19.44		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.24	24.33	25	0
10	QPSK	1	25	24.19	24.31	24.13		
10	QPSK	1	49	24.13	24.12	24.25		
10	QPSK	25	0	23.18	23.24	23.28	24	1
10	QPSK	25	12	23.30	23.31	23.09		
10	QPSK	25	25	23.34	23.25	23.15		
10	QPSK	50	0	23.38	23.44	23.15		
10	16QAM	1	0	23.54	23.45	23.51	24	1
10	16QAM	1	25	23.52	22.95	23.70		
10	16QAM	1	49	23.09	23.75	23.46		
10	16QAM	25	0	22.33	22.27	22.27	23	2
10	16QAM	25	12	22.38	22.30	22.26		
10	16QAM	25	25	22.17	22.27	22.32		
10	16QAM	50	0	22.35	22.24	22.26		
1	64QAM	1	0	22.10	22.23	22.59	23	2
1	64QAM	1	25	22.05	21.94	22.19		
1	64QAM	1	49	22.28	22.71	22.50		
10	64QAM	25	0	21.27	21.17	21.23	22	3
10	64QAM	25	12	21.18	21.21	21.41		
10	64QAM	25	25	21.44	21.37	21.25		
10	64QAM	50	0	21.40	21.27	21.18		
10	256QAM	1	0	19.76	19.65	19.68	20	5
10	256QAM	1	25	19.55	19.52	19.37		
10	256QAM	1	49	19.64	19.61	19.51		
10	256QAM	25	0	19.42	19.79	19.54	20	5
10	256QAM	25	12	19.47	19.65	19.54		
10	256QAM	25	25	19.54	19.73	19.64		
10	256QAM	50	0	19.44	19.52	19.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.27	24.26	24.16	25	0
5	QPSK	1	12	24.28	24.28	24.15		
5	QPSK	1	24	24.21	24.01	24.16		
5	QPSK	12	0	23.34	23.33	23.11	24	1
5	QPSK	12	7	23.37	23.33	23.14		
5	QPSK	12	13	23.34	23.40	23.17		
5	QPSK	25	0	23.34	23.44	23.20		
5	16QAM	1	0	23.64	23.57	23.60	24	1
5	16QAM	1	12	23.47	22.98	23.75		
5	16QAM	1	24	23.25	23.80	23.50		
5	16QAM	12	0	22.39	22.30	22.25	23	2
5	16QAM	12	7	22.39	22.25	22.23		
5	16QAM	12	13	22.26	22.28	22.35		
5	16QAM	25	0	22.39	22.25	22.26		
5	64QAM	1	0	22.12	22.23	22.57	23	2
5	64QAM	1	12	22.18	21.97	22.34		
5	64QAM	1	24	22.22	22.77	22.53		
5	64QAM	12	0	21.32	21.30	21.12	22	3
5	64QAM	12	7	21.17	21.27	21.32		
5	64QAM	12	13	21.32	21.41	21.37		
5	64QAM	25	0	21.34	21.24	21.24		
5	256QAM	1	0	19.57	19.65	19.56	20	5
5	256QAM	1	12	19.53	19.62	19.50		
5	256QAM	1	24	19.65	19.77	19.57		
5	256QAM	12	0	19.57	19.62	19.66	20	5
5	256QAM	12	7	19.49	19.65	19.57		
5	256QAM	12	13	19.42	19.58	19.54		
5	256QAM	25	0	19.55	19.68	19.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.28	24.29	25	0
3	QPSK	1	8	24.23	24.23	24.20		
3	QPSK	1	14	24.19	24.06	24.26		
3	QPSK	8	0	23.29	23.33	23.21	24	1
3	QPSK	8	4	23.21	23.23	23.10		
3	QPSK	8	7	23.23	23.42	23.09		
3	QPSK	15	0	23.28	23.30	23.17		
3	16QAM	1	0	23.57	23.45	23.54	24	1
3	16QAM	1	8	23.52	22.94	23.79		
3	16QAM	1	14	23.12	23.78	23.37		
3	16QAM	8	0	22.37	22.27	22.27	23	2
3	16QAM	8	4	22.29	22.18	22.28		
3	16QAM	8	7	22.12	22.30	22.33		
3	16QAM	15	0	22.26	22.25	22.39		
3	64QAM	1	0	22.15	22.17	22.47	23	2
3	64QAM	1	8	22.03	22.09	22.27		
3	64QAM	1	14	22.26	22.75	22.53		
3	64QAM	8	0	21.22	21.32	21.26	22	3
3	64QAM	8	4	21.17	21.22	21.39		
3	64QAM	8	7	21.42	21.20	21.20		
3	64QAM	15	0	21.39	21.24	21.25		
3	256QAM	1	0	19.71	19.79	19.66	20	5
3	256QAM	1	8	19.37	19.47	19.42		
3	256QAM	1	14	19.62	19.75	19.46		
3	256QAM	8	0	19.45	19.72	19.59	20	5
3	256QAM	8	4	19.60	19.53	19.45		
3	256QAM	8	7	19.56	19.75	19.44		
3	256QAM	15	0	19.56	19.51	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.34	24.27	25	0
1.4	QPSK	1	3	24.05	24.16	24.05		
1.4	QPSK	1	5	23.98	23.86	24.08		
1.4	QPSK	3	0	24.09	24.13	24.15		
1.4	QPSK	3	1	24.06	24.20	24.09		
1.4	QPSK	3	3	23.98	23.95	24.05		
1.4	QPSK	6	0	23.12	23.30	23.17	24	1
1.4	16QAM	1	0	23.47	23.53	23.52	24	1
1.4	16QAM	1	3	23.42	22.97	23.74		
1.4	16QAM	1	5	22.93	23.72	23.27		
1.4	16QAM	3	0	23.48	23.38	23.39		
1.4	16QAM	3	1	23.14	22.84	23.56		
1.4	16QAM	3	3	22.82	23.52	23.18		
1.4	16QAM	6	0	22.26	22.21	22.30	23	2
1.4	64QAM	1	0	22.00	22.11	22.57	23	2
1.4	64QAM	1	3	21.91	21.94	22.25		
1.4	64QAM	1	5	22.03	22.78	22.28		
1.4	64QAM	3	0	22.01	22.16	22.30		
1.4	64QAM	3	1	21.92	21.73	21.99		
1.4	64QAM	3	3	22.04	22.51	22.30		
1.4	64QAM	6	0	21.31	21.17	21.03	22	3
1.4	256QAM	1	0	19.65	19.67	19.52	20	5
1.4	256QAM	1	3	19.27	19.54	19.34		
1.4	256QAM	1	5	19.49	19.50	19.31		
1.4	256QAM	3	0	19.71	20.08	19.95		
1.4	256QAM	3	1	19.50	19.66	19.46		
1.4	256QAM	3	3	19.47	19.47	19.30		
1.4	256QAM	6	0	19.31	19.53	19.33	20	5

Band 26_Ant 1

BW [MHz]	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	23.97	24.04	24.03	25.5	0
15	QPSK	1	37	23.96	23.97	24.02		
15	QPSK	1	74	23.92	24.01	23.98		
15	QPSK	36	0	23.04	23.12	23.11	24.5	1
15	QPSK	36	20	23.08	23.01	23.09		
15	QPSK	36	39	23.01	23.07	23.00		
15	QPSK	75	0	23.02	23.08	23.01		
15	16QAM	1	0	23.30	22.91	23.18	24.5	1
15	16QAM	1	37	23.02	23.30	23.29		
15	16QAM	1	74	23.49	23.45	22.95		
15	16QAM	36	0	22.10	22.11	22.14	23.5	2
15	16QAM	36	20	22.12	22.10	22.13		
15	16QAM	36	39	22.25	22.16	22.16		
15	16QAM	75	0	22.17	22.16	22.04		
1	64QAM	1	0	22.50	22.35	21.99	23.5	2
1	64QAM	1	37	22.37	22.24	22.12		
1	64QAM	1	74	22.60	22.11	22.31		
15	64QAM	36	0	21.05	21.17	21.04	22.5	3
15	64QAM	36	20	21.31	21.11	21.15		
15	64QAM	36	39	21.03	21.23	21.26		
15	64QAM	75	0	21.12	21.07	21.09		
15	256QAM	1	0	19.30	19.43	19.29	20.5	5
15	256QAM	1	37	19.47	19.86	19.44		
15	256QAM	1	74	19.38	19.54	19.40		
15	256QAM	36	0	19.28	19.36	19.20	20.5	5
15	256QAM	36	20	19.29	19.32	19.19		
15	256QAM	36	39	19.30	19.41	19.29		
15	256QAM	75	0	19.24	19.40	19.30		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.91	23.99	23.94	25.5	0
10	QPSK	1	25	23.90	23.89	23.92		
10	QPSK	1	49	23.84	23.93	23.90		
10	QPSK	25	0	22.90	23.02	22.99	24.5	1
10	QPSK	25	12	23.02	22.97	22.96		
10	QPSK	25	25	22.91	22.99	22.90		
10	QPSK	50	0	22.96	22.99	22.92		
10	16QAM	1	0	23.14	22.97	23.08	24.5	1
10	16QAM	1	25	22.89	23.17	23.22		
10	16QAM	1	49	23.39	23.59	22.92		
10	16QAM	25	0	22.02	21.98	21.99	23.5	2
10	16QAM	25	12	22.01	21.96	22.05		
10	16QAM	25	25	22.13	22.00	22.09		
10	16QAM	50	0	22.12	22.00	21.93		
1	64QAM	1	0	22.40	22.21	21.93	23.5	2
1	64QAM	1	25	22.45	22.08	22.07		
1	64QAM	1	49	22.49	22.03	22.23		
10	64QAM	25	0	20.89	21.01	20.90	22.5	3
10	64QAM	25	12	21.13	21.01	21.01		
10	64QAM	25	25	20.91	21.15	21.10		
10	64QAM	50	0	20.97	20.91	21.00		
10	256QAM	1	0	19.47	19.36	19.19	20.5	5
10	256QAM	1	25	19.37	19.50	19.39		
10	256QAM	1	49	19.26	19.43	19.27		
10	256QAM	25	0	19.07	19.28	19.05	20.5	5
10	256QAM	25	12	19.15	19.14	19.11		
10	256QAM	25	25	19.18	19.25	19.24		
10	256QAM	50	0	19.14	19.26	19.22		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.97	23.89	23.92	25.5	0
5	QPSK	1	12	23.91	23.89	23.95		
5	QPSK	1	24	23.91	23.98	23.90		
5	QPSK	12	0	22.93	22.96	23.03	24.5	1
5	QPSK	12	7	23.00	22.94	22.98		
5	QPSK	12	13	22.95	22.95	22.97		
5	QPSK	25	0	22.95	22.95	22.89		
5	16QAM	1	0	23.23	22.90	23.09	24.5	1
5	16QAM	1	12	22.92	23.23	23.18		
5	16QAM	1	24	23.36	23.50	22.89		
5	16QAM	12	0	21.99	21.99	22.03	23.5	2
5	16QAM	12	7	22.00	22.00	22.05		
5	16QAM	12	13	22.12	22.01	22.09		
5	16QAM	25	0	22.03	22.02	21.97		
5	64QAM	1	0	22.38	22.19	21.93	23.5	2
5	64QAM	1	12	22.46	22.10	22.05		
5	64QAM	1	24	22.51	22.00	22.23		
5	64QAM	12	0	20.98	20.99	20.91	22.5	3
5	64QAM	12	7	21.06	21.00	21.06		
5	64QAM	12	13	20.96	21.15	21.13		
5	64QAM	25	0	20.97	20.98	20.91		
5	256QAM	1	0	19.25	19.35	19.15	20.5	5
5	256QAM	1	12	19.35	19.49	19.39		
5	256QAM	1	24	19.22	19.43	19.26		
5	256QAM	12	0	19.23	19.23	19.15	20.5	5
5	256QAM	12	7	19.14	19.14	19.05		
5	256QAM	12	13	19.22	19.30	19.23		
5	256QAM	25	0	19.17	19.29	19.14		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.90	23.97	25.5	0
3	QPSK	1	8	23.90	23.94	23.90		
3	QPSK	1	14	23.94	23.96	23.91		
3	QPSK	8	0	23.02	23.04	23.01	24.5	1
3	QPSK	8	4	23.00	22.92	22.95		
3	QPSK	8	7	22.97	22.94	22.95		
3	QPSK	15	0	22.90	22.98	22.93		
3	16QAM	1	0	23.23	22.90	23.05	24.5	1
3	16QAM	1	8	22.94	23.24	23.15		
3	16QAM	1	14	23.35	23.51	22.90		
3	16QAM	8	0	22.03	22.02	22.05	23.5	2
3	16QAM	8	4	21.98	21.94	22.00		
3	16QAM	8	7	22.18	22.04	22.16		
3	16QAM	15	0	22.13	22.15	22.09		
3	64QAM	1	0	22.41	22.29	21.93	23.5	2
3	64QAM	1	8	22.45	22.16	22.08		
3	64QAM	1	14	22.51	22.03	22.23		
3	64QAM	8	0	20.95	21.12	20.89	22.5	3
3	64QAM	8	4	21.11	20.97	21.01		
3	64QAM	8	7	21.15	21.17	21.16		
3	64QAM	15	0	21.08	20.94	21.02		
3	256QAM	1	0	19.17	19.38	19.19	20.5	5
3	256QAM	1	8	19.35	19.43	19.38		
3	256QAM	1	14	19.32	19.47	19.17		
3	256QAM	8	0	19.14	19.27	19.14	20.5	5
3	256QAM	8	4	19.12	19.14	19.04		
3	256QAM	8	7	19.21	19.30	19.17		
3	256QAM	15	0	19.09	19.32	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.99	24.02	24.00	25.5	0
1.4	QPSK	1	3	24.01	24.03	24.01		
1.4	QPSK	1	5	24.02	23.97	23.97		
1.4	QPSK	3	0	23.90	23.93	23.93		
1.4	QPSK	3	1	23.91	23.91	23.89		
1.4	QPSK	3	3	23.93	23.91	23.91		
1.4	QPSK	6	0	23.12	23.10	23.05	24.5	1
1.4	16QAM	1	0	23.34	22.91	23.26	24.5	1
1.4	16QAM	1	3	23.03	23.38	23.30		
1.4	16QAM	1	5	22.96	23.71	22.98		
1.4	16QAM	3	0	23.20	23.24	23.14		
1.4	16QAM	3	1	22.90	23.29	23.22		
1.4	16QAM	3	3	23.29	23.62	22.92		
1.4	16QAM	6	0	22.17	22.24	22.12	23.5	2
1.4	64QAM	1	0	22.56	22.37	21.99	23.5	2
1.4	64QAM	1	3	22.60	22.32	22.19		
1.4	64QAM	1	5	22.59	22.12	22.41		
1.4	64QAM	3	0	22.42	22.29	21.91		
1.4	64QAM	3	1	22.53	22.16	22.09		
1.4	64QAM	3	3	22.54	21.99	22.28		
1.4	64QAM	6	0	21.16	21.09	21.14	22.5	3
1.4	256QAM	1	0	19.29	19.51	19.37	20.5	5
1.4	256QAM	1	3	19.54	19.55	19.43		
1.4	256QAM	1	5	19.42	19.55	19.45		
1.4	256QAM	3	0	19.32	19.46	19.28		
1.4	256QAM	3	1	19.25	19.31	19.19		
1.4	256QAM	3	3	19.37	19.45	19.28		
1.4	256QAM	6	0	19.23	19.42	19.40	20.5	5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.43	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.36	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.80	20.55	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.42	19.33		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	18.34	18.34	18.38		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71	18	5
20	256QAM	1	49	16.85	16.71	16.55		
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60	18	5
20	256QAM	50	24	16.72	16.79	16.72		
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.31	20.21		
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.36	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.30	19.37		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.31	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.40	16.53	16.47	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.02	16.33	16.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09	23	0
10	QPSK	1	25	21.07	21.47	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.22	19.

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44	24.5	0
20	QPSK	1	49	23.12	23.41	23.42		
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.30	22.62	22.59	23.5	1
20	QPSK	50	24	22.23	22.61	22.61		
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	22.57	23.10	22.70	23.5	1
20	16QAM	1	49	22.65	23.10	22.93		
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71	22.5	2
20	16QAM	50	24	21.37	21.59	21.73		
20	16QAM	50	50	21.42	21.57	21.60		
20	16QAM	100	0	21.37	21.58	21.54		
20	64QAM	1	0	21.61	21.76	22.16	22.5	2
20	64QAM	1	49	21.68	21.75	21.96		
20	64QAM	1	99	21.66	21.30	22.02		
20	64QAM	50	0	20.25	20.62	20.70	21.5	3
20	64QAM	50	24	20.45	20.56	20.58		
20	64QAM	50	50	20.30	20.45	20.67		
20	64QAM	100	0	20.29	20.53	20.55		
20	256QAM	1	0	18.62	18.76	18.60	19.5	5
20	256QAM	1	49	18.84	18.93	18.83		
20	256QAM	1	99	18.64	18.89	18.64		
20	256QAM	50	0	18.53	18.61	18.59	19.5	5
20	256QAM	50	24	18.49	18.67	18.52		
20	256QAM	50	50	18.54	18.64	18.52		
20	256QAM	100	0	18.64	18.73	18.59		
Channel				132047	132222	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.23	23.48	23.48	24.5	0
15	QPSK	1	37	23.11	23.43	23.42		
15	QPSK	1	74	23.28	23.49	23.43		
15	QPSK	36	0	22.30	22.62	22.58	23.5	1
15	QPSK	36	20	22.25	22.60	22.60		
15	QPSK	36	39	22.28	22.51	22.58		
15	QPSK	75	0	22.32	22.48	22.37		
15	16QAM	1	0	22.56	23.10	22.68	23.5	1
15	16QAM	1	37	22.62	23.10	22.93		
15	16QAM	1	74	22.48	22.76	22.57		
15	16QAM	36	0	21.12	21.71	21.71	22.5	2
15	16QAM	36	20	21.40	21.59	21.70		
15	16QAM	36	39	21.43	21.60	21.59		
15	16QAM	75	0	21.37	21.63	21.53		
15	64QAM	1	0	21.60	21.81	22.13	22.5	2
15	64QAM	1	37	21.68	21.75	22.00		
15	64QAM	1	74	21.68	21.31	22.00		
15	64QAM	36	0	20.24	20.64	20.67	21.5	3
15	64QAM	36	20	20.47	20.56	20.57		
15	64QAM	36	39	20.29	20.44	20.65		
15	64QAM	75	0	20.30	20.53	20.55		
15	256QAM	1	0	18.60	18.75	18.58	19.5	5
15	256QAM	1	37	18.87	18.93	18.82		
15	256QAM	1	74	18.63	18.74	18.63		
15	256QAM	36	0	18.50	18.61	18.58	19.5	5
15	256QAM	36	20	18.49	18.65	18.55		
15	256QAM	36	39	18.54	18.64	18.51		
15	256QAM	75	0	18.67	18.74	18.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.27	23.48	23.46	24.5	0
10	QPSK	1	25	23.09	23.45	23.42		
10	QPSK	1	49	23.29	23.53	23.40		
10	QPSK	25	0	22.26	22.61	22.58	23.5	1
10	QPSK	25	12	22.27	22.56	22.60		
10	QPSK	25	25	22.32	22.52	22.57		
10	QPSK	50	0	22.32	22.46	22.36		
10	16QAM	1	0	22.58	23.15	22.70	23.5	1
10	16QAM	1	25	22.65	23.08	22.93		
10	16QAM	1	49	22.49	22.78	22.61		
10	16QAM	25	0	21.12	21.75	21.71	22.5	2
10	16QAM	25	12	21.38	21.63	21.73		
10	16QAM	25	25	21.41	21.57	21.62		
10	16QAM	50	0	21.37	21.62	21.57		
10	64QAM	1	0	21.56	21.78	22.15	22.5	2
10	64QAM	1	25	21.66	21.80	21.96		
10	64QAM	1	49	21.86	21.27	21.99		
10	64QAM	25	0	20.24	20.62	20.68	21.5	3
10	64QAM	25	12	20.50	20.59	20.57		
10	64QAM	25	25	20.28	20.48	20.64		
10	64QAM	50	0	20.27	20.50	20.55		
10	256QAM	1	0	18.60	18.73	18.61	19.5	5
10	256QAM	1	25	18.88	18.94	18.83		
10	256QAM	1	49	18.62	18.69	18.61		
10	256QAM	25	0	18.51	18.64	18.57	19.5	5
10	256QAM	25	12	18.52	18.68	18.53		
10	256QAM	25	25	18.53	18.59	18.54		
10	256QAM	50	0	18.65	18.70	18.56		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.24	23.48	23.44	24.5	0
5	QPSK	1	12	23.12	23.46	23.40		
5	QPSK	1	24	23.26	23.50	23.40		
5	QPSK	12	0	22.26	22.61	22.59	23.5	1
5	QPSK	12	7	22.22	22.58	22.63		
5	QPSK	12	13	22.27	22.56	22.58		
5	QPSK	25	0	22.33	22.46	22.37		
5	16QAM	1	0	22.53	23.12	22.69	23.5	1
5	16QAM	1	12	22.65	23.07	22.90		
5	16QAM	1	24	22.47	22.77	22.62		
5	16QAM	12	0	21.13	21.72	21.72	22.5	2
5	16QAM	12	7	21.35	21.60	21.71		
5	16QAM	12	13	21.44	21.59	21.62		
5	16QAM	25	0	21.33	21.60	21.56		
5	64QAM	1	0	21.56	21.79	22.16	22.5	2
5	64QAM	1	12	21.65	21.79	22.00		
5	64QAM	1	24	21.67	21.30	22.00		
5	64QAM	12	0	20.27	20.60	20.67	21.5	3
5	64QAM	12	7	20.45	20.59	20.57		
5	64QAM	12	13	20.31	20.46	20.69		
5	64QAM	25	0	20.26	20.53	20.59		
5	256QAM	1	0	18.60	18.73	18.63	19.5	5
5	256QAM	1	12	18.83	18.96	18.85		
5	256QAM	1	24	18.63	18.70	18.61		
5	256QAM	12	0	18.54	18.61	18.57	19.5	5
5	256QAM	12	7	18.53	18.67	18.56		
5	256QAM	12	13	18.52	18.63	18.56		
5	256QAM	25	0	18.63	18.73	18.80		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.27	23.50	23.46	24.5	0
3	QPSK	1	8	23.13	23.45	23.45		
3	QPSK	1	14	23.26	23.53	23.43		
3	QPSK	8	0	22.27	22.59	22.56	23.5	1
3	QPSK	8	4	22.23	22.61	22.61		
3	QPSK	8	7	22.32	22.56	22.60		
3	QPSK	15	0	22.30	22.47	22.36		
3	16QAM	1	0	22.56	23.10	22.68	23.5	1
3	16QAM	1	8	22.64	23.07	22.88		
3	16QAM	1	14	22.49	22.78	22.61		
3	16QAM	8	0	21.11	21.72	21.75	22.5	2
3	16QAM	8	4	21.38	21.64	21.72		
3	16QAM	8	7	21.40	21.60	21.57		
3	16QAM	15	0	21.36	21.60	21.52		
3	64QAM	1	0	21.58	21.81	22.12	22.5	2
3	64QAM	1	8	21.69	21.80	22.00		
3	64QAM	1	14	21.83	21.28	22.00		
3	64QAM	8	0	20.27	20.63	20.66	21.5	3
3	64QAM	8	4	20.47	20.56	20.60		
3	64QAM	8	7	20.28	20.48	20.68		
3	64QAM	15	0	20.29	20.52	20.57		
3	256QAM	1	0	18.58	18.78	18.59	19.5	5
3	256QAM	1	8	18.85	18.95	18.86		
3	256QAM	1	14	18.62	18.70	18.62		
3	256QAM	8	0	18.51	18.61	18.55	19.5	5
3	256QAM	8	4	18.50	18.69	18.53		
3	256QAM	8	7	18.52	18.61	18.51		
3	256QAM	15	0	18.64	18.73	18.56		
Channel				131907	132222	132537	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.19	23.37	23.34	24.5	0
1.4	QPSK	1	3	23.05	23.34	23.29		
1.4	QPSK	1	5	23.11	23.43	23.30		
1.4	QPSK	3	0	23.08	23.29	23.24		
1.4	QPSK	3	1	22.95	23.24	23.12		
1.4	QPSK	3	3	23.06	23.38	23.23		
1.4	QPSK	6	0	22.20	22.36	22.32	23.5	1
1.4	16QAM	1	0	22.50	22.96	22.63	23.5	1
1.4	16QAM	1	3	22.56	22.99	22.77		
1.4	16QAM	1	5	22.41	22.72	22.54		
1.4	16QAM	3	0	22.40	22.83	22.54		
1.4	16QAM	3	1	22.46	22.62	22.66		
1.4	16QAM	3	3	22.35	22.68	22.45		
1.4	16QAM	6	0	21.23	21.45	21.49	22.5	2
1.4	64QAM	1	0	21.52	21.67	22.01	22.5	2
1.4	64QAM	1	3	21.57	21.65	21.91		
1.4	64QAM	1	5	21.52	21.13	21.84		
1.4	64QAM	3	0	21.37	21.55	21.90		
1.4	64QAM	3	1	21.43	21.57	21.77		
1.4	64QAM	3	3	21.42	21.06	21.70		
1.4	64QAM	6	0	20.22	20.39	20.40	21.5	3
1.4	256QAM	1	0	18.50	18.61	18.46	19.5	5
1.4	256QAM	1	3	18.80	18.82	18.77		
1.4	256QAM	1	5	18.49	18.67	18.49		
1.4	256QAM	3	0	18.39	18.53	18.41		
1.4	256QAM	3	1	18.43	18.49	18.39		
1.4	256QAM	3	3	18.38	18.56	18.45		
1.4	256QAM	6	0	18.54	18.66	18.47	19.5	5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.90	23.04	23.01	24.5	0
20	QPSK	1	49	22.62	22.94	22.93		
20	QPSK	1	99	22.79	23.01	22.92		
20	QPSK	50	0	21.83	22.15	22.13	23.5	1
20	QPSK	50	24	21.75	22.09	22.12		
20	QPSK	50	50	21.80	22.04	22.10		
20	QPSK	100	0	21.87	22.03	21.93		
20	16QAM	1	0	22.08	22.83	22.21	23.5	1
20	16QAM	1	49	22.13	22.59	22.41		
20	16QAM	1	99	21.99	22.29	22.10		
20	16QAM	50	0	20.62	21.24	21.24	22.5	2
20	16QAM	50	24	20.88	21.12	21.23		
20	16QAM	50	50	20.93	21.10	21.10		
20	16QAM	100	0	20.85	21.11	21.05		
20	64QAM	1	0	21.09	21.29	21.64	22.5	2
20	64QAM	1	49	21.18	21.28	21.48		
20	64QAM	1	99	21.16	20.79	21.50		
20	64QAM	50	0	19.75	20.12	20.18	21.5	3
20	64QAM	50	24	19.98	20.07	20.08		
20	64QAM	50	50	19.80	19.97	20.17		
20	64QAM	100	0	19.79	20.03	20.07		
20	256QAM	1	0	18.10	18.26	18.11	19.5	5
20	256QAM	1	49	18.36	18.46	18.34		
20	256QAM	1	99	18.14	18.22	18.13		
20	256QAM	50	0	18.03	18.13	18.07	19.5	5
20	256QAM	50	24	18.02	18.18	18.05		
20	256QAM	50	50	18.02	18.12	18.04		
20	256QAM	100	0	18.16	18.22	18.09		
Channel				132047	132222	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.72	22.92	22.88	24.5	0
15	QPSK	1	37	22.52	22.89	22.78		
15	QPSK	1	74	22.72	22.94	22.81		
15	QPSK	36	0	21.68	22.02	22.02	23.5	1
15	QPSK	36	20	21.62	21.94	21.99		
15	QPSK	36	39	21.69	21.97	22.01		
15	QPSK	75	0	21.81	21.91	21.85		
15	16QAM	1	0	22.00	22.53	22.10	23.5	1
15	16QAM	1	37	21.98	22.50	22.26		
15	16QAM	1	74	21.88	22.15	22.03		
15	16QAM	36	0	20.57	21.19	21.13	22.5	2
15	16QAM	36	20	20.83	20.99	21.14		
15	16QAM	36	39	20.85	20.97	20.98		
15	16QAM	75	0	20.73	21.00	20.89		
15	64QAM	1	0	21.01	21.21	21.48	22.5	2
15	64QAM	1	37	21.11	21.14	21.35		
15	64QAM	1	74	21.07	20.68	21.34		
15	64QAM	36	0	19.62	20.03	20.02	21.5	3
15	64QAM	36	20	19.91	19.92	20.02		
15	64QAM	36	39	19.74	19.89	20.10		
15	64QAM	75	0	19.69	19.90	19.93		
15	256QAM	1	0	17.95	18.20	18.04	19.5	5
15	256QAM	1	37	18.21	18.32	18.19		
15	256QAM	1	74	18.00	18.07	18.08		
15	256QAM	36	0	17.94	18.02	18.02	19.5	5
15	256QAM	36	20	17.97	18.06	17.91		
15	256QAM	36	39	17.93	18.04	17.92		
15	256QAM	75	0	18.03	18.12	17.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.65	22.89	22.93	24.5	0
10	QPSK	1	25	22.75	22.89	22.83		
10	QPSK	1	49	22.73	22.96	22.82		
10	QPSK	25	0	21.68	22.06	22.04	23.5	1
10	QPSK	25	12	21.62	22.00	22.05		
10	QPSK	25	25	21.68	21.96	22.05		
10	QPSK	50	0	21.77	21.92	21.83		
10	16QAM	1	0	21.98	22.53	22.14	23.5	1
10	16QAM	1	25	21.99	22.54	22.35		
10	16QAM	1	49	21.90	22.13	22.01		
10	16QAM	25	0	20.53	21.16	21.15	22.5	2
10	16QAM	25	12	20.99	21.12	21.12		
10	16QAM	25	25	20.88	20.98	20.95		
10	16QAM	50	0	20.72	20.96	20.98		
10	64QAM	1	0	21.13	21.13	21.58	22.5	2
10	64QAM	1	25	21.08	21.22	21.40		
10	64QAM	1	49	21.02	20.72	21.38		
10	64QAM	25	0	19.67	20.05	20.06	21.5	3
10	64QAM	25	12	19.88	20.02	20.01		
10	64QAM	25	25	19.66	19.90	20.05		
10	64QAM	50	0	19.73	19.91	19.94		
10	256QAM	1	0	18.04	18.10	18.04	19.5	5
10	256QAM	1	25	18.30	18.41	18.28		
10	256QAM	1	49	18.00	18.09	17.98		
10	256QAM	25	0	17.93	17.98	17.93	19.5	5
10	256QAM	25	12	17.97	18.11	17.98		
10	256QAM	25	25	17.86	18.05	17.97		
10	256QAM	50	0	18.03	18.06	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.85	24.5	0
5	QPSK	1	12	22.53	22.85	22.88		
5	QPSK	1	24	22.67	22.93	22.85		
5	QPSK	12	0	21.72	22.00	21.99	23.5	1
5	QPSK	12	7	21.64	21.98	21.98		
5	QPSK	12	13	21.70	21.96	21.98		
5	QPSK	25	0	21.81	21.94	21.88		
5	16QAM	1	0	21.84	22.57	22.06	23.5	1
5	16QAM	1	12	21.97	22.49	22.30		
5	16QAM	1	24	21.84	22.17	21.95		
5	16QAM	12	0	20.57	21.13	21.11	22.5	2
5	16QAM	12	7	20.79	21.00	21.16		
5	16QAM	12	13	20.88	21.05	21.04		
5	16QAM	25	0	20.78	20.95	20.96		
5	64QAM	1	0	20.94	21.23	21.52	22.5	2
5	64QAM	1	12	21.03	21.17	21.43		
5	64QAM	1	24	21.05	21.68	21.42		
5	64QAM	12	0	19.67	19.98	20.12	21.5	3
5	64QAM	12	7	19.91	19.99	19.94		
5	64QAM	12	13	19.69	19.87	20.08		
5	64QAM	25	0	19.65	19.89	19.96		
5	256QAM	1	0	17.98	18.19	17.95	19.5	5
5	256QAM	1	12	18.25	18.33	18.20		
5	256QAM	1	24	18.08	18.16	18.08		
5	256QAM	12	0	17.90	17.99	17.98	19.5	5
5	256QAM	12	7	17.90	18.05	18.00		
5	256QAM	12	13	17.93	18.06	17.96		
5	256QAM	25	0	18.04	18.12	17.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.65	22.96	22.93	24.5	0
3	QPSK	1	8	22.70	22.82	22.88		
3	QPSK	1	14	22.71	22.90	22.83		
3	QPSK	8	0	21.69	22.02	21.98	23.5	1
3	QPSK	8	4	21.69	21.98	22.02		
3	QPSK	8	7	21.66	21.99	21.97		
3	QPSK	15	0	21.72	21.94	21.86		
3	16QAM	1	0	22.01	22.58	22.16	23.5	1
3	16QAM	1	8	22.00	22.43	22.28		
3	16QAM	1	14	21.85	22.22	22.02		
3	16QAM	8	0	20.65	21.30	21.33	22.5	2
3	16QAM	8	4	20.77	21.06	21.10		
3	16QAM	8	7	20.67	20.97	20.94		
3	16QAM	15	0	20.78	21.03	20.89		
3	64QAM	1	0	20.98	21.18	21.54	22.5	2
3	64QAM	1	8	21.12	21.23	21.37		
3	64QAM	1	14	21.11	20.70	21.39		
3	64QAM	8	0	19.64	20.03	20.06	21.5	3
3	64QAM	8	4	19.92	19.98	19.93		
3	64QAM	8	7	19.68	19.83	20.10		
3	64QAM	15	0	19.70	19.91	19.96		
3	256QAM	1	0	17.96	18.16	18.03	19.5	5
3	256QAM	1	8	18.29	18.36	18.21		
3	256QAM	1	14	18.06	18.17	18.01		
3	256QAM	8	0	17.89	18.04	18.02	19.5	5
3	256QAM	8	4	17.90	18.04	17.99		
3	256QAM	8	7	17.86	17.98	17.88		
3	256QAM	15	0	18.00	18.06	17.95		
Channel				131907	132322	132737	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.75	22.92	22.91	24.5	0
1.4	QPSK	1	3	22.54	22.96	22.78		
1.4	QPSK	1	5	22.64	22.91	22.81		
1.4	QPSK	3	0	22.61	22.85	22.80	23.5	1
1.4	QPSK	3	1	22.62	22.90	22.80		
1.4	QPSK	3	3	22.56	22.86	22.75		
1.4	QPSK	6	0	21.75	21.89	21.87	23.5	1
1.4	16QAM	1	0	22.00	22.47	22.15	23.5	1
1.4	16QAM	1	3	22.08	22.47	22.26		
1.4	16QAM	1	5	21.92	22.22	22.05		
1.4	16QAM	3	0	21.91	22.32	22.02		
1.4	16QAM	3	1	21.97	22.34	22.19		
1.4	16QAM	3	3	21.86	22.16	21.95		
1.4	16QAM	6	0	20.75	20.96	20.99	22.5	2
1.4	64QAM	1	0	21.00	21.16	21.53	22.5	2
1.4	64QAM	1	3	21.08	21.17	21.40		
1.4	64QAM	1	5	21.04	20.83	21.36		
1.4	64QAM	3	0	20.85	21.04	21.39		
1.4	64QAM	3	1	20.92	21.07	21.29		
1.4	64QAM	3	3	20.93	20.58	21.22		
1.4	64QAM	6	0	19.71	19.91	19.91	21.5	3
1.4	256QAM	1	0	17.98	18.13	17.99	19.5	5
1.4	256QAM	1	3	18.29	18.31	18.28		
1.4	256QAM	1	5	18.02	18.16	17.98		
1.4	256QAM	3	0	17.92	18.01	17.94		
1.4	256QAM	3	1	17.94	18.02	17.92		
1.4	256QAM	3	3	17.86	18.06	17.98		
1.4	256QAM	6	0	18.05	18.16	17.97	19.5	5

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	21.91	21.94	21.72	23	0
20	QPSK	1	49	21.59	21.69	21.41		
20	QPSK	1	99	21.63	21.67	21.70		
20	QPSK	50	0	20.69	20.70	20.50		
20	QPSK	50	24	20.65	20.32	20.52	22	1
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.70	20.80	20.61		
20	16QAM	1	0	21.02	20.74	20.55		
20	16QAM	1	49	20.53	20.43	20.60	22	1
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.70	19.61	19.51		
20	16QAM	50	24	19.73	19.57	19.59	21	2
20	16QAM	50	50	19.65	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.63	19.58	19.62		
20	64QAM	1	49	19.33	19.68	19.33	21	2
20	64QAM	1	99	19.67	19.57	19.69		
20	64QAM	50	0	18.72	18.49	18.55		
20	64QAM	50	24	18.69	18.49	18.62	20	3
20	64QAM	50	50	18.71	18.47	18.50		
20	64QAM	100	0	18.60	18.47	18.58		
20	256QAM	1	0	18.69	18.71	18.68		
20	256QAM	1	49	18.63	18.80	18.64	18	5
20	256QAM	1	99	18.67	18.69	18.66		
20	256QAM	50	0	17.70	17.62	17.70		
20	256QAM	50	24	18.78	18.86	18.79	18	5
20	256QAM	50	50	18.80	18.73	18.72		
20	256QAM	100	0	18.63	18.72	18.72		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	21.60	21.61	21.70	23	0
15	QPSK	1	37	21.49	21.58	21.41		
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.59	20.60	20.46		
15	QPSK	36	20	20.58	20.20	20.46	22	1
15	QPSK	36	39	20.60	20.47	20.46		
15	QPSK	75	0	20.66	20.60	20.35		
15	16QAM	1	0	20.61	20.74	20.44		
15	16QAM	1	37	20.40	20.20	20.56	22	1
15	16QAM	1	74	20.40	20.20	20.44		
15	16QAM	36	0	19.62	19.30	19.42		
15	16QAM	36	20	19.73	19.40	19.52	21	2
15	16QAM	36	39	19.56	19.36	19.34		
15	16QAM	75	0	19.62	19.39	19.36		
15	64QAM	1	0	19.56	19.66	19.54		
15	64QAM	1	37	19.33	19.69	19.36	21	2
15	64QAM	1	74	19.60	19.40	19.66		
15	64QAM	36	0	18.62	18.47	18.54		
15	64QAM	36	20	18.60	18.40	18.62	20	3
15	64QAM	36	39	18.62	18.40	18.44		
15	64QAM	75	0	18.60	18.40	18.53		
15	256QAM	1	0	18.42	18.62	18.53		
15	256QAM	1	37	18.59	18.70	18.55	18	5
15	256QAM	1	74	18.52	18.66	18.66		
15	256QAM	36	0	17.58	17.50	17.58		
15	256QAM	36	20	18.70	18.80	18.62	18	5
15	256QAM	36	39	18.59	18.66	18.70		
15	256QAM	75	0	18.55	18.66	18.52		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	21.70	21.70	21.70	23	0
10	QPSK	1	24	21.59	21.57	21.31		
10	QPSK	1	49	21.60	21.63	21.62		
10	QPSK	25	0	20.64	20.60	20.38		
10	QPSK	25	12	20.61	20.20	20.46	22	1
10	QPSK	25	25	20.62	20.51	20.36		
10	QPSK	50	0	20.70	20.70	20.48		
10	16QAM	1	0	21.01	20.68	20.48		
10	16QAM	1	24	20.40	20.40	20.50	22	1
10	16QAM	1	49	20.47	20.29	20.50		
10	16QAM	25	0	19.70	19.60	19.51		
10	16QAM	25	12	19.63	19.50	19.55	21	2
10	16QAM	25	25	19.63	19.34	19.40		
10	16QAM	50	0	19.69	19.39	19.41		
10	64QAM	1	0	19.63	19.62	19.66		
10	64QAM	1	24	19.29	19.61	19.26	21	2
10	64QAM	1	49	19.63	19.62	19.64		
10	64QAM	25	0	18.71	18.43	18.44		
10	64QAM	25	12	18.61	18.40	18.45	20	3
10	64QAM	25	25	18.62	18.40	18.41		
10	64QAM	50	0	18.70	18.40	18.48		
10	256QAM	1	0	18.59	18.69	18.53		
10	256QAM	1	24	18.53	18.71	18.57	18	5
10	256QAM	1	49	18.59	18.57	18.63		
10	256QAM	25	0	17.70	17.62	17.70		
10	256QAM	25	12	18.78	18.79	18.66	18	5
10	256QAM	25	25	18.71	18.73	18.70		
10	256QAM	50	0	18.65	18.68	18.45		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	21.57	21.60	21.70	23	0
5	QPSK	1	12	21.59	21.58	21.36		
5	QPSK	1	24	21.62	21.66	21.72		
5	QPSK	12	0	20.69	20.69	20.36		
5	QPSK	12	7	20.62	20.21	20.52	22	1
5	QPSK	12	13	20.69	20.39	20.50		
5	QPSK	25	0	20.63	20.60	20.32		
5	16QAM	1	0	20.58	20.68	20.46		
5	16QAM	1	12	20.40	20.20	20.57	22	1
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.40		
5	16QAM	12	7	19.66	19.47	19.50	21	2
5	16QAM	12	13	19.62	19.37	19.52		
5	16QAM	25	0	19.62	19.39	19.40		
5	64QAM	1	0	19.62	19.62	19.67		
5	64QAM	1	12	19.33	19.67	19.21	21	2
5	64QAM	1	24	19.60	19.46	19.62		
5	64QAM	12	0	18.66	18.39	18.52		
5	64QAM	12	7	18.66	18.37	18.54	20	3
5	64QAM	12	13	18.71	18.39	18.49		
5	64QAM	25	0	18.73	18.44	18.47		
5	256QAM	1	0	18.51	18.66	18.61		
5	256QAM	1	12	18.59	18.66	18.52	18	5
5	256QAM	1	24	18.66	18.67	18.66		
5	256QAM	12	0	18.60	18.60	18.72		
5	256QAM	12	7	18.72	18.71	18.67	18	5
5	256QAM	12	13	18.58	18.64	18.47		
5	256QAM	25	0	18.58	18.64	18.47		

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	22.97	22.92	22.91	24	0
20	QPSK	1	49	22.97	22.75	22.78		
20	QPSK	1	99	22.70	22.84	22.73		
20	QPSK	50	0	21.67	21.72	21.35		
20	QPSK	50	24	21.53	21.36	21.43	23	1
20	QPSK	50	50	21.60	21.41	21.56		
20	QPSK	100	0	21.68	21.56	21.51		
20	16QAM	1	0	21.61	21.45	21.67		
20	16QAM	1	49	21.46	21.56	21.63	23	1
20	16QAM	1	99	21.72	21.73	21.68		
20	16QAM	50	0	20.72	20.50	20.47		
20	16QAM	50	24	20.57	20.46	20.44	22	2
20	16QAM	50	50	20.55	20.40	20.63		
20	16QAM	100	0	20.58	20.41	20.39		
20	64QAM	1	0	20.71	20.50	20.69		
20	64QAM	1	49	20.66	20.72	20.73	22	2
20	64QAM	1	99	20.63	20.67	20.69		
20	64QAM	50	0	19.62	19.36	19.52		
20	64QAM	50	24	19.66	19.46	19.43	21	3
20	64QAM	50	50	19.67	19.58	19.56		
20	64QAM	100	0	19.72	19.46	19.49		
20	256QAM	1	0	17.79	17.91	17.77		
20	256QAM	1	49	17.68	17.96	17.94	19	5
20	256QAM	1	99	17.49	17.48	17.37		
20	256QAM	50	0	17.74	17.96	17.79		
20	256QAM	50	24	17.76	17.71	17.61	19	5
20	256QAM	50	50	17.77	17.81	17.76		
20	256QAM	100	0	17.64	17.69	17.60		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	22.52	22.55	22.53	24	0
15	QPSK	1	37	22.69	22.66	22.65		
15	QPSK	1	74	22.73	22.65	22.73		
15	QPSK	36	0	21.78	21.73	21.39		
15	QPSK	36	20	21.65	21.56	21.53	23	1
15	QPSK	36	39	21.67	21.69	21.67		
15	QPSK	75	0	21.61	21.69	21.60		
15	16QAM	1	0	21.70	21.46	21.69		
15	16QAM	1	37	21.55	21.76	21.69	23	1
15	16QAM	1	74	21.63	21.73	21.73		
15	16QAM	36	0	20.79	20.60	20.49		
15	16QAM	36	20	20.68	20.47	20.47	22	2
15	16QAM	36	39	20.64	20.52	20.58		
15	16QAM	75	0	20.69	20.42	20.49		
15	64QAM	1	0	20.71	20.62	20.72		
15	64QAM	1	37	20.67	20.75	20.78	22	2
15	64QAM	1	74	20.74	20.57	20.62		
15	64QAM	36	0	19.73	19.46	19.62		
15	64QAM	36	20	19.72	19.49	19.62	21	3
15	64QAM	36	39	19.76	19.51	19.68		
15	64QAM	75	0	19.75	19.52	19.59		
15	256QAM	1	0	17.81	17.91	17.77		
15	256QAM	1	37	17.49	17.98	17.92	19	5
15	256QAM	1	74	17.66	17.49	17.29		
15	256QAM	36	0	17.66	17.76	17.66		
15	256QAM	36	20	17.60	17.76	17.68	19	5
15	256QAM	36	39	17.61	17.82	17.69		
15	256QAM	75	0	17.65	17.78	17.65		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	22.61	22.66	22.69	24	0
10	QPSK	1	25	22.64	22.79	22.67		
10	QPSK	1	49	22.73	22.66	22.73		
10	QPSK	25	0	21.74	21.83	21.44		
10	QPSK	25	12	21.64	21.37	21.49	23	1
10	QPSK	25	25	21.64	21.48	21.61		
10	QPSK	50	0	21.68	21.56	21.51		
10	16QAM	1	0	21.62	21.48	21.68		
10	16QAM	1	25	21.58	21.73	21.63	23	1
10	16QAM	1	49	21.76	21.62	21.69		
10	16QAM	25	0	20.81	20.59	20.52		
10	16QAM	25	12	20.61	20.49	20.50	22	2
10	16QAM	25	25	20.64	20.53	20.62		
10	16QAM	50	0	20.60	20.47	20.49		
10	64QAM	1	0	20.73	20.49	20.69		
10	64QAM	1	25	20.66	20.59	20.77	22	2
10	64QAM	1	49	20.68	20.74	20.73		
10	64QAM	25	0	19.73	19.36	19.52		
10	64QAM	25	12	19.72	19.49	19.43	21	3
10	64QAM	25	25	19.75	19.57	19.65		
10	64QAM	50	0	19.75	19.52	19.61		
10	256QAM	1	0	17.68	17.99	17.77		
10	256QAM	1	25	17.49	17.92	17.90	19	5
10	256QAM	1	49	17.66	17.96	17.45		
10	256QAM	25	0	17.66	17.97	17.75		
10	256QAM	25	12	17.66	17.92	17.63	19	5
10	256QAM	25	25	17.68	17.92	17.62		
10	256QAM	50	0	17.76	17.79	17.67		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	22.57	22.57	22.57	24	0
5	QPSK	1	12	22.64	22.76	22.67		
5	QPSK	1	24	22.76	22.79	22.83		
5	QPSK	12	0	21.78	21.72	21.39		
5	QPSK	12	7	21.59	21.46	21.53	23	1
5	QPSK	12	13	21.67	21.46	21.65		
5	QPSK	25	0	21.62	21.73	21.52		
5	16QAM	1	0	21.63	21.50	21.79		
5	16QAM	1	12	21.55	21.74	21.69	23	1
5	16QAM	1	24	21.75	21.63	21.68		
5	16QAM	12	0	20.79	20.57	20.52		
5	16QAM	12	7	20.66	20.58	20.59	22	2
5	16QAM	12	13	20.65	20.51	20.63		
5	16QAM	25	0	20.64	20.41	20.36		
5	64QAM	1	0	20.61	20.49	20.70		
5	64QAM	1	12	20.63	20.75	20.79	22	2
5	64QAM	1	24	20.70	20.72	20.72		
5	64QAM	12	0	19.71	19.36	19.57		
5	64QAM	12	7	19.78	19.40	19.42	21	3
5	64QAM	12	13	19.78	19.60	19.57		
5	64QAM	25	0	19.73	19.47	19.52		
5	256QAM	1	0	17.66	17.96	17.79		
5	256QAM	1	12	17.49	17.96	17.92	19	5
5	256QAM	1	24	17.62	17.95	17.44		
5	256QAM	12	0	17.78	17.97	17.84		
5	256QAM	12	7	17.64	17.91	17.62	19	5
5	256QAM	12	13	17.64	17.92	17.62		
5	256QAM	25	0	17.73	17.79	17.63		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	24.39	24.45	24.29	26.5	0
20	QPSK	1	49	24.32	24.17	24.13		
20	QPSK	1	99	24.37	24.55	24.56		
20	QPSK	50	0	23.32	23.42	23.10		
20	QPSK	50	24	23.19	23.09	23.02	24.5	1
20	QPSK	50	50	23.26	23.29	23.23		
20	QPSK	100	0	23.12	23.18	23.05		
20	16QAM	1	0	23.01	22.86	23.01		
20	16QAM	1	49	23.19	23.06	22.96	24.5	1
20	16QAM	1	99	22.96	23.04	23.19		
20	16QAM	50	0	22.10	22.04	22.14		
20	16QAM	50	24	22.36	22.32	23.13	23.5	2
20	16QAM	50	50	22.41	22.15	22.19		
20	16QAM	100	0	22.32	22.06	22.07		
20	64QAM	1	0	22.42	22.12	22.03		
20	64QAM	1	49	22.44	21.95	21.92	23.5	2
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11		
20	64QAM	50	24	21.30	21.11	21.15	22.5	3
20	64QAM	50	50	21.44	21.09	21.20		
20	64QAM	100	0	21.48	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44		
20	256QAM	1	49	19.32	19.43	19.34	20.5	5
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33		
20	256QAM	50	24	19.45	19.34	19.39	20.5	5
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	24.21	24.42	24.08	26.5	0
15	QPSK	1	37	24.21	24.11	24.05		
15	QPSK	1	74	24.29	23.94	23.97		
15	QPSK	36	0	23.28	23.41	22.99		
15	QPSK	36	20	23.14	23.03	23.02	24.5	1
15	QPSK	36	39	23.27	23.25	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	23.00	22.88	22.99		
15	16QAM	1	37	23.05	22.95	22.91		
15	16QAM	1	74	22.98	22.93	23.14	24.5	1
15	16QAM	36	0	22.07	21.92	22.12		
15	16QAM	36	20	22.33	22.28	22.10		
15	16QAM	36	39	22.41	22.06	22.18	23.5	2
15	16QAM	75	0	22.26	21.96	21.95		
15	64QAM	1	0	22.39	22.06	21.91		
15	64QAM	1	37	22.41	21.93	22.01		
15	64QAM	1	74	22.06	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04		
15	64QAM	36	20	21.52	21.03	21.15	22.5	3
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	18.38	18.41	18.44		
15	256QAM	1	37	18.49	18.31	18.28	20.5	5
15	256QAM	1	74	18.23	18.26	18.14		
15	256QAM	36	0	18.22	18.21	18.27		
15	256QAM	36	20	18.35	18.26	18.33	20.5	5
15	256QAM	36	39	18.26	18.42	18.20		
15	256QAM	75	0	18.40	18.38	18.36		
Channel				37700	38000	38300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575	2590	2605		
10	QPSK	1	0	24.20	24.39	24.19	26.5	0
10	QPSK	1	25	24.25	24.14	24.06		
10	QPSK	1	49	24.31	24.62	23.99		
10	QPSK	25	0	23.20	23.42	23.03		
10	QPSK	25	12	23.10	23.20	23.02	24.5	1
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.10	23.02		
10	16QAM	1	0	22.98	22.80	22.96		
10	16QAM	1	25	22.97	22.97	22.91	24.5	1
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.01	22.02	22.07		
10	16QAM	25	12	22.32	22.20	22.11	23.5	2
10	16QAM	25	25	22.14	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	64QAM	1	0	22.33	22.10	22.00		
10	64QAM	1	25	22.37	21.83	21.90	23.5	2
10	64QAM	1	49	22.17	22.10	22.09		
10	64QAM	25	0	21.27	20.99	21.00		
10	64QAM	25	12	21.46	21.06	21.06	22.5	3
10	64QAM	25	25	21.35	21.05	21.29		
10	64QAM	50	0	21.52	21.03	21.03		
10	256QAM	1	0	19.39	19.40	19.33		
10	256QAM	1	25	19.27	19.36	19.30	20.5	5
10	256QAM	1	49	19.28	19.23	19.14		
10	256QAM	25	0	19.32	19.31	19.26		
10	256QAM	25	12	19.42	19.24	19.25	20.5	5
10	256QAM	25	25	19.49	19.37	19.30		
10	256QAM	50	0	19.34	19.29	19.27		
Channel				37675	38000	38325	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2572.5	2590	2607.5		
5	QPSK	1	0	24.29	24.32	24.14	26.5	0
5	QPSK	1	12	24.26	24.10	24.12		
5	QPSK	1	24	24.26	24.01	23.96		
5	QPSK	12	0	23.24	23.27	23.05		
5	QPSK	12	7	23.10	23.00	23.05	24.5	1
5	QPSK	12	13	23.29	23.19	23.22		
5	QPSK	25	0	23.02	23.13	23.02		
5	16QAM	1	0	22.93	22.89	22.99		
5	16QAM	1	12	22.93	22.94	22.91	24.5	1
5	16QAM	1	24	22.98	22.89	23.09		
5	16QAM	12	0	22.12	22.03	22.04		
5	16QAM	12	7	22.39	22.23	22.04	23.5	2
5	16QAM	12	13	22.32	22.10	22.13		
5	16QAM	25	0	22.27	21.99	21.95		
5	64QAM	1	0	22.27	22.10	21.93		
5	64QAM	1	12	22.38	21.85	21.89	23.5	2
5	64QAM	1	24	22.27	22.06	22.09		
5	64QAM	12	0	21.29	21.01	21.05		
5	64QAM	12	7	21.32	21.01	21.05	22.5	3
5	64QAM	12	13	21.40	20.99	21.20		
5	64QAM	25	0	21.36	20.99	21.01		
5	256QAM	1	0	19.40	19.39	19.39		
5	256QAM	1	12	19.32	19.33	19.33	20.5	5
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.30	19.30	19.33		
5	256QAM	12	7	19.45	19.25	19.29	20.5	5
5	256QAM	12	13	19.47	19.42	19.39		
5	256QAM	25	0	19.39	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch.37850	Power [dBm] Ch.38000	Power [dBm] Ch.38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	24.58	24.62	24.57	25.7	0
20	QPSK	1	49	24.58	24.34	24.33		
20	QPSK	1	99	24.57	24.24	24.33		
20	QPSK	50	0	23.55	23.58	23.47		
20	QPSK	50	24	23.55	23.39	23.39	24.7	1
20	QPSK	50	50	23.57	23.44	23.46		
20	QPSK	100	0	23.49	23.53	23.44		
20	16QAM	1	0	23.55	23.60	23.56		
20	16QAM	1	49	23.57	23.71	23.51	24.7	1
20	16QAM	1	99	23.72	23.54	23.46		
20	16QAM	50	0	22.54	22.57	22.47		
20	16QAM	50	24	22.68	22.36	22.46	23.7	2
20	16QAM	50	50	22.60	22.54	22.52		
20	16QAM

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	21.66	21.96	21.92	21.94	21.92		
20	QPSK	1	49	21.65	21.96	21.97	21.93	21.92	23	0
20	QPSK	1	99	21.65	21.94	21.96	21.94	21.93		
20	QPSK	50	0	20.79	20.86	20.67	20.79	20.70		
20	QPSK	50	24	20.77	20.74	20.80	20.73	20.83	22	1
20	QPSK	50	50	20.77	20.76	20.79	20.83	20.76		
20	QPSK	50	99	20.77	20.76	20.80	20.84	20.83		
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.75		
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.73	22	1
20	16QAM	1	99	20.74	20.84	20.80	20.74	20.69		
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.80		
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.73	21	2
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73		
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.69		
20	16QAM	1	0	19.78	19.85	19.82	19.73	19.83		
20	16QAM	1	49	19.72	19.85	19.82	19.72	19.69	21	2
20	16QAM	1	99	19.71	19.85	19.77	19.71	19.63		
20	16QAM	50	0	18.61	18.72	18.74	18.60	18.59		
20	16QAM	50	24	18.64	18.72	18.77	18.61	18.57	20	3
20	16QAM	50	50	18.71	18.73	18.68	18.63	18.52		
20	16QAM	100	0	18.61	18.76	18.74	18.60	18.56		
20	256QAM	1	0	18.52	18.68	18.63	18.49	18.51		
20	256QAM	1	49	18.58	18.69	18.72	18.57	18.59	18	5
20	256QAM	1	99	18.51	18.69	18.72	18.56	18.49		
20	256QAM	50	0	18.53	18.69	18.73	18.59	18.47		
20	256QAM	50	24	18.51	18.61	18.72	18.49	18.49	18	5
20	256QAM	50	50	18.61	18.65	18.66	18.54	18.58		
20	256QAM	100	0	18.69	18.69	18.69	18.49	18.53		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	21.66	21.96	21.91	21.93	21.92		
15	QPSK	1	37	21.62	21.95	21.97	21.93	21.91	23.00	0
15	QPSK	1	74	21.68	21.96	21.96	21.95	21.89		
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.82		
15	QPSK	36	20	20.68	20.84	20.76	20.75	20.72	22	1
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70		
15	QPSK	75	0	20.70	20.66	20.65	20.76	20.79		
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.79		
15	16QAM	1	37	20.68	20.76	20.71	20.61	20.69	22	1
15	16QAM	1	74	20.71	20.76	20.78	20.62	20.81		
15	16QAM	36	0	19.64	19.66	19.72	19.74	19.58		
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71	21	2
15	16QAM	36	39	19.73	19.66	19.77	19.64	19.69		
15	16QAM	75	0	19.62	19.67	19.66	19.56	19.69		
15	16QAM	1	0	19.71	19.77	19.62	19.70	19.59		
15	16QAM	1	37	19.71	19.64	19.62	19.68	19.69	21	2
15	16QAM	1	74	19.66	19.64	19.67	19.64	19.54		
15	16QAM	36	0	18.57	18.64	18.67	18.60	18.52		
15	16QAM	36	20	18.59	18.64	18.68	18.59	18.52		
15	16QAM	36	39	18.66	18.66	18.67	18.60	18.42	20	3
15	16QAM	75	0	18.58	18.61	18.62	18.53	18.52		
15	256QAM	1	0	18.45	18.65	18.62	18.48	18.39		
15	256QAM	1	37	18.53	18.64	18.62	18.49	18.46	18	5
15	256QAM	1	74	18.48	18.66	18.67	18.48	18.39		
15	256QAM	36	0	18.41	18.58	18.59	18.45	18.46		
15	256QAM	36	20	18.48	18.53	18.59	18.47	18.47	18	5
15	256QAM	36	39	18.54	18.54	18.59	18.47	18.54		
15	256QAM	75	0	18.54	18.58	18.58	18.47	18.51		
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2501	2544	2588	2631.5	2675		
10	QPSK	1	0	21.67	21.96	21.89	21.93	21.90		
10	QPSK	1	25	21.65	21.96	21.93	21.97	21.89	23.00	0
10	QPSK	1	49	21.66	21.96	21.96	21.91	21.89		
10	QPSK	25	0	20.70	20.84	20.74	20.73	20.71		
10	QPSK	25	12	20.79	20.65	20.74	20.67	20.76	22	1
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.76		
10	QPSK	50	0	20.65	20.76	20.70	20.77	20.73		
10	16QAM	1	0	20.69	20.76	20.70	20.77	20.67		
10	16QAM	1	25	20.68	20.68	20.70	20.69	20.67	22	1
10	16QAM	1	49	20.70	20.76	20.72	20.68	20.68		
10	16QAM	25	0	19.67	19.64	19.70	19.69	19.69		
10	16QAM	25	12	19.67	19.70	19.69	19.66	19.70	21	2
10	16QAM	25	25	19.73	19.69	19.70	19.60	19.73		
10	16QAM	50	0	19.74	19.79	19.78	19.69	19.69		
10	16QAM	1	0	19.77	19.77	19.70	19.69	19.62		
10	16QAM	1	25	19.79	19.76	19.69	19.62	19.62	21	2
10	16QAM	1	49	19.73	19.71	19.70	19.69	19.62		
10	16QAM	25	0	18.63	18.60	18.70	18.49	18.52		
10	16QAM	25	12	18.59	18.60	18.74	18.52	18.57	20	3
10	16QAM	25	25	18.59	18.65	18.68	18.56	18.46		
10	16QAM	50	0	18.76	18.68	18.68	18.57	18.60		
10	256QAM	1	0	18.51	18.61	18.59	18.46	18.53		
10	256QAM	1	25	18.57	18.61	18.63	18.53	18.50	18	5
10	256QAM	1	49	18.49	18.58	18.57	18.46	18.46		
10	256QAM	25	0	18.48	18.60	18.63	18.46	18.43		
10	256QAM	25	12	18.48	18.57	18.63	18.46	18.43	18	5
10	256QAM	25	25	18.49	18.60	18.60	18.49	18.52		
10	256QAM	50	0	18.49	18.61	18.59	18.46	18.52		
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5		
5	QPSK	1	0	21.62	21.96	21.97	21.93	21.92		
5	QPSK	1	12	21.74	21.97	21.94	21.90	21.92	23.00	0
5	QPSK	1	24	21.66	21.96	21.96	21.93	21.90		
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74		
5	QPSK	12	7	20.67	20.83	20.86	20.73	20.73		
5	QPSK	12	13	20.69	20.68	20.69	20.80	20.77	22	1
5	QPSK	12	24	20.72	20.65	20.77	20.73	20.77		
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.70		
5	16QAM	1	12	20.71	20.76	20.71	20.71	20.71	22	1
5	16QAM	1	24	20.65	20.77	20.76	20.64	20.66		
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.68		
5	16QAM	12	7	19.76	19.78	19.71	19.72	19.69	21	2
5	16QAM	12	13	19.69	19.74	19.69	19.68	19.67		
5	16QAM	12	24	19.73	19.68	19.66	19.62	19.63		
5	16QAM	25	0	18.70	18.76	18.74	18.67	18.67		
5	16QAM	25	12	18.73	18.81	18.67	18.62	18.62	20	3
5	16QAM	25	25	18.73	18.73	18.70	18.62	18.62		
5	16QAM	50	0	18.67	18.78	18.72	18.67	18.67		
5	256QAM	1	0	18.55	18.61	18.73	18.59	18.46		
5	256QAM	1	12	18.51	18.63	18.62	18.49	18.47	18	5
5	256QAM	1	24	18.51	18.58	18.62	18.46	18.46		
5	256QAM	12	0	18.49	18.64	18.70	18.56	18.49		
5	256QAM	12	7	18.49	18.67	18.70	18.56	18.54	18.27	
5	256QAM	12	13	18.49	18.67	18.70	18.49	18.49	18	5
5	256QAM	12	24	18.55	18.62	18.67	18.46	18.45		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	23.14	22.97	23.16	22.92	23.03		
20	QPSK	1	49	23.02	23.05	23.09	22.95	22.93	24	0
20	QPSK	1	99	23.02	23.04	23.07	23.14	22.95		
20	QPSK	50	0	22.02	22.00	22.14	21.95	21.99		
20	QPSK	50	24	22.13	22.02	22.11	21.95	21.99	23	1
20	QPSK	50	50	22.13	21.96	22.12	21.90	22.01		
20	QPSK	100	0	22.03	22.05	22.12	21.95	21.96		
20	16QAM	1	0	22.08	22.04	22.07	21.94	22.03		
20	16QAM	1	49	22.02	22.05	22.05	21.96	22.03	23	1
20	16QAM	1	99	22.04	22.03	22.08	21.90	21.93		
20	16QAM	50	0	21.04	21.00	21.12	20.93	20.98		
20	16QAM	50	24	21.12	21.05	21.12	20.98	20.93	22	2
20	16QAM	50	50	21.08	21.06	21.15	20.93	20.93		
20	16QAM	100	0	21.04	21.00	21.06	20.93	20.99		
20	16QAM	1	0	21.02	21.04	21.13	20.93	20.99		
20	16QAM	1	49	21.12	20.99	21.13	20.93	20.98	22	2
20	16QAM	1	99	21.08	21.00	21.13	20.99	20.93		
20	16QAM	50	0	20.03	20.04	20.09	19.97	20.03		
20	16QAM	50	24	20.11	19.99	20.13	19.95	20.01	21	3
20	16QAM	50	50	20.11	20.02	20.10	19.94	19.94		
20	16QAM	100	0	20.14	19.99	20.09	19.91	19.98		
20	256QAM	1	0	19.09	17.96	19.13	17.99	17.93		
20	256QAM	1	49	19.14	19.04	19.09	17.95	17.97	19	5
20	256QAM	1	99	19.03	17.97	19.08	17.95	18.03		
20	256QAM	50	0	18.13	17.96	19.11	17.94	17.98		
20	256QAM	50	24	19.06	18.94	19.12	17.95	17.98	19	5
20	256QAM	50	50	19.07	18.95	19.03	17.96	17.93		
20	256QAM	100	0	19.02	17.95	19.15	17.93	18.03		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	23.05	22.94	23.13	22.95	22.91		
15	QPSK	1	37	23.01	23.03	23.05	22.89	22.89	24.00	0
15	QPSK	1	74	23.09	22.94	23.09	22.95	22.89		
15	QPSK	36	0	21.91	21.96	22.11	21.94	21.91		
15	QPSK	36	20	22.04	21.92	22.03	21.94	21.91	23	1
15	QPSK	36	39	22.01	21.89	22.01	21.78	21.97		
15	QPSK	75	0	21.90	21.94	21.92	21.81	21.90		
15	16QAM	1	0	21.97	21.96	22.07	21.93	21.93		
15	16QAM	1	37	21.99	21.96	22.03	21.93	21.93	23	1
15	16QAM	1	74	22.04	21.96	22.05	21.81	21.93		
15	16QAM	36	0	21.01	20.97	21.13	20.76	20.92		
15	16QAM	36	20	21.11	21.00	21.09	20.95	20.99	22	2
15	16QAM	36	39	20.99	20.98	21.12	20.76	20.99		
15	16QAM	75	0	21.04	21.00	20.96	20.92	20.93		
15	16QAM	1	0	20.97	20.92	21.13	20.76	20.92		
15	16QAM	1	37	21.07	20.99	21.04	20.92	20.93	22	2
15	16QAM	1	74	20.94	20.96	21.06	20.92	20.92		
15	16QAM	36	0	19.91	20.03	19.97	19.77	19.99		
15	16QAM	36	20	20.05	19.95	20.11	19.77	19.99	21	3
15	16QAM	36	39	20.07	19.93	20.04	19.72	19.99		
15	16QAM	75	0	20.04	19.96	20.09	19.79	19.99		
15	256QAM	1	0	19.02	19.07	19.04	17.79	17.99		
15	256QAM	1	37	19.06	17.96	19.04	17.79	17.99	19	5
15	256QAM	1	74	19.03	17.94	19.10	17.74	17.99		
15	256QAM	36	0	17.97	17.96	19.07	17.77	17.99		
15	256QAM	36	20	17.99	17.96	19.07	17.81	17.97	19	5
15	256QAM	36	39	18.07	17.97	19.09	17.72	17.99		
15	256QAM	75	0	17.99	17.96	19.07	17.81	17.97		
Channel				39700	40135	40570	41005	41440	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2501	2544	2588	2631.5	2675		
10	QPSK	1	0	23.12	22.92	23.09	22.89	23.00		
10	QPSK	1	25	22.97	22.95	23.05	22.92	22.89	24.00	0
10	QPSK	1	49	23.04	22.97	23.10	22.72	22.89		
10	QPSK	25	0	21.98	21.95	22.14	21.79	21.99		
10	QPSK	25	12	22.04	22.01	22.07	21.97	21.97	23	1
10	QPSK	25	25	22.10	21.96	22.04	21.96	21.96		
10	QPSK	50	0	21.94	22.00	22.08	21.97	21.96		
10	16QAM	1	0	21.99	21.96	21.99	21.73	21.96		
10	16QAM	1	25	22.00	21.96	22.01	21.95	21.96	23	1
10	16QAM	1	49	21.93	22.03	22.08	21.99	21.97		
10	16QAM	25	0	21.04	20.90	21.12	20.90	20.95		
10	16QAM	25	12	21.10	21.05	21.07	20.95	20.95	22	2
10	16QAM	25	25	21.09	20.97	21.07	20.93	20.95		
10	16QAM	50	0	21.02	20.99	21.00	20.93	20.91		
10	16QAM	1	0	20.91	20.97	21.09	20.93	20.91		
10	16QAM	1	25	21.02	20.92	21.09	20.73	20.92	22	2
10	16QAM	1	49	20.93	20.97	21.09	20.93	20.92		
10	16QAM	25	0	20.02	19.95	20.02	19.77	19.93		
10	16QAM	25	12	20.02	20.01	20.11	19.81	19.99	21	3
10	16QAM	25	25	20.03	20.01	20.06	19.89	19.99		
10	16QAM	50	0	20.13	19.99	20.12	19.93	19.99		
10	256QAM	1	0	19.00	17.97	19.05	17.85	17.91		
10	256QAM	1	25	19.02	17.94	19.03	17.72	17.91	19	5
10	256QAM	1	49	17.99	17.97	17.76	18.01			
10	256QAM	25	0	18.02	17.94	19.02	17.72	17.90		
10	256QAM	25	12	18.04	18.04	19.06	17.85	17.90	19	5
10	256QAM	25	25	18.06	17.94	19.03	17.72	17.90		
10	256QAM	50	0	17.95	17.90	19.11	17.91	17.95		
Channel				39675	40110	40545	40980	41415	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2498.5	2541.5	2585	2628.5	2672.5		
5	QPSK	1	0	22.99	22.96	23.11	22.96	22.97		
5	QPSK	1	12	22.96	23.01	23.01	22.98	22.92	24.00	0
5	QPSK	1	24	22.91	22.94	23.03	22.91	22.90		
5	QPSK	12	0	21.93	21.93	22.09	21.96	21.98		
5	QPSK	12	7	21.93	21.93	22.11	21.94	21.96		
5	QPSK	12	13	21.93	21.93	22.05	21.97	21.96	23	1
5	QPSK	12	24	21.93	21.94	22.01	21.75	22.01		
5	16QAM	1	0	22.03	22.04	22.01	21.94	21.96		
5	16QAM	1	12	21.93	22.00	22.01	21.90	21.92	23	1
5	16QAM	1	24	21.93	22.00	22.01	21.90	21.92		
5	16QAM	12	0	20.97	20.96	21.13	20.96	20.97		
5	16QAM	12	7	21.13	21.03	21.11	20.96	20.99	22	2
5	16QAM	12	13	21.03	20.99	21.13	20.96	20.99		
5	16QAM	12	24	21.03	20.95	21.00	20.93	20.97		
5	16QAM	25	0	20.13	19.99	20.09	19.91	19.99		
5	16QAM	25	12	21.03	20.99	21.11	20.92	20.96	22	2
5	16QAM	25	25	20.11	19.99	20.13	19.95	20.01		
5	16QAM	50	0	20.01	19.95	20.03	19.76	20.03		
5	256QAM	1	0	19.04	17.96	19.11	17.77	17.99		
5	256QAM	1	12	20.11	19.92	20.00	19.81	19.94	21	3
5	256QAM	1	24	19.13	17.96	19.06	17.99	19.02		
5	256QAM	12	0	18.04	17.90	19.06	17.96	17.96		
5	256QAM	12	7	18.04	17.90	19.06	17.99	17.96	19	5
5	256QAM	12	13	18.04	17.90	19.06	17.99	17.96		
5	256QAM	12	24	18.03	17.94	19.03	17.96	17.96		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37 [dBm]	Power Low Middle Ch [dBm]	Power Middle Ch [dBm]	Power High Middle Ch [dBm]	Power High Ch [dBm]	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	23.88	24.31	24.06	24.15	24.16		
20	QPSK	1	49	24.13	24.36	23.97	24.07	24.29	25.0	0
20	QPSK	1	99	23.93	24.18	24.06	23.96	24.09		
20	QPSK	50	0	23.02	23.36	23.47	23.21	23.25		
20	QPSK	50	24	23.04	23.41	23.32	23.34	23.25	24.5	1
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21		
20	QPSK	100	0	23.09	23.39	23.41	23.23	23.23		
20	16QAM	1	0	23.09	23.39	23.05	23.03	23.02		
20	16QAM	1	49	23.08	23.18	23.40	23.04	23.04	24.5	1
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23		
20	16QAM	50	0	21.98	22.18	22.39	22.06	22.06		
20	16QAM	50	24	22.19	22.54	22.28	22.21	22.28	23.5	2
20	16QAM	50	50	22.05	22.46	22.32	22.32	22.28		
20	16QAM	100	0	22.06	22.40	22.25	22.31	22.28		
20	16QAM	1	0	21.90	22.39	22.43	22.32	22.28		
20	16QAM	1	49	22.19	22.36	22.06	21.94	22.02	23.5	2
20	16QAM	1	99	21.97	22.15	22.14	22.06	22.03		
20	16QAM	50	0	20.98	21.45	21.19	21.22	21.25		
20	16QAM	50	24	20.94	21.42	21.11	21.20	21.28	22.5	3
20	16QAM	50	50	21.17	21.32	21.26	21.25	21.20		
20	16QAM	100	0	20.98	21.34	21.30	21.25	21.19		
20	256QAM	1	0	19.53	19.36	19.70	19.65	19.60		
20	256QAM	1	49	19.14	19.34	19.42	19.16	19.19	20.5	5
20	256QAM	1	99	19.36	19.38	19.46	19.39	19.46		
20	256QAM	50	0	19.46	19.31	19.54	19.39	19.38		
20	256QAM	50	24	19.52	19.51	19.64	19.53	19.48	20.5	5
20	256QAM	50	50	19.34	19.50	19.47	19.42	19.45		
20	256QAM	100	0	19.62	19.48	19.51	19.50	19.37		
Channel				39725	40160	40595	41030	41465	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2503.5	2546.5	2590	2633.5	2677.5		
15	QPSK	1	0	24.02	24.39	24.08	24.01	24.05		
15	QPSK	1	37	24.20	24.38	24.04	24.11	24.38	25.50	0
15	QPSK	1	74	23.77	24.37	24.04	24.08	24.38		
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27		
15	QPSK	36	20	23.10	23.46	23.42	23.26	23.27	24.5	1
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28		
15	QPSK	75	0	23.10	23.46	23.52	23.34	23.28		
15	16QAM	1	0	23.01	23.39	23.67	23.58	23.31		
15	16QAM	1	37	23.11	23.39	23.51	23.40	23.30	24.5	1
15	16QAM	1	74	23.74	23.11	23.51	23.11	23.30		
15	16QAM	36	0	21.99	22.40	22.27	22.36	22.26		
15	16QAM	36	20	22.27	22.39	22.40	22.36	22.31	23.5	2
15	16QAM	36	39	22.10	22.39	22.36	22.32	22.30		
15	16QAM	75	0	21.94	22.40	22.39	22.31	22.27		
15	16QAM	1	0	22.01	22.40	22.48	22.28	22.28		
15	16QAM	1	37	22.26	22.42	22.17	21.91	22.07	23.5	2
15	16QAM	1	74	22.16	22.42	22.19	22.14	22.07		
15	16QAM	36	0	21.03	21.46	21.27	21.33	21.28		
15	16QAM	36	20	21.01	21.39	21.39	21.26	21.26	22.5	3
15	16QAM	36	39	21.29	21.33	21.30	21.26	21.28		
15	16QAM	75	0	21.01	21.46	21.39	21.26	21.26		
15	256QAM	1	0	19.02	19.07	19.79	19.66	19.63		
15	256QAM	1	37	19.06	19.04	19.04	19.02	19.00	20.5	5
15	256QAM	1	74	19.02	19.05	19.73	19.66	19.64		
15	256QAM	36	0	18.47	18.90	18.75	18.67	18.62		
15	256QAM	36	20	19.46	19.42

Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42590	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	22.57	23.02	22.75		
20	QPSK	1	49	22.89	22.84	22.77	24.5	0
20	QPSK	50	0	22.58	22.89	22.75		
20	QPSK	50	24	21.95	21.96	21.81		
20	QPSK	50	49	21.95	21.83	21.83	23.5	1
20	QPSK	100	0	21.85	21.76	21.68		
20	QPSK	100	24	21.51	21.50	21.75		
20	16QAM	1	0	21.83	21.74	21.65		
20	16QAM	1	49	21.85	21.73	21.66	23.5	1
20	16QAM	1	99	21.85	21.79	21.69		
20	16QAM	50	0	20.95	20.86	20.75		
20	16QAM	50	24	20.98	20.89	20.80	22.5	2
20	16QAM	50	49	20.98	20.80	20.71		
20	16QAM	100	0	20.90	20.83	20.76		
20	64QAM	1	0	20.94	20.75	20.66		
20	64QAM	1	49	20.94	20.88	20.81	22.5	2
20	64QAM	1	99	20.98	20.81	20.75		
20	64QAM	50	0	19.92	19.85	19.77		
20	64QAM	50	24	19.93	19.86	19.76	21.5	3
20	64QAM	50	49	19.91	19.73	19.66		
20	64QAM	100	0	19.94	19.82	19.76		
20	256QAM	1	0	18.25	18.20	18.14		
20	256QAM	1	49	18.21	18.10	18.07	19.5	5
20	256QAM	1	99	18.19	18.13	18.00		
20	256QAM	50	0	18.02	17.90	17.82		
20	256QAM	50	24	17.99	17.96	17.83	19.5	5
20	256QAM	50	49	18.11	18.06	18.00		
20	256QAM	100	0	18.05	17.94	17.88		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	22.87	22.93	22.68		
15	QPSK	1	37	22.76	22.76	22.68	24.5	0
15	QPSK	1	74	22.56	22.56	22.67		
15	QPSK	36	0	21.89	21.88	21.78		
15	QPSK	36	20	21.91	21.84	21.71	23.5	1
15	QPSK	36	39	21.80	21.75	21.67		
15	QPSK	75	0	21.87	21.91	21.71		
15	16QAM	1	0	21.76	21.70	21.65		
15	16QAM	1	37	21.70	21.62	21.64	23.5	1
15	16QAM	1	74	21.80	21.71	21.60		
15	16QAM	36	0	20.82	20.70	20.75		
15	16QAM	36	20	20.99	20.87	20.71	22.5	2
15	16QAM	36	39	20.97	20.86	20.70		
15	16QAM	75	0	20.79	20.71	20.71		
15	64QAM	1	0	20.79	20.66	20.58		
15	64QAM	1	37	20.91	20.89	20.74	22.5	2
15	64QAM	1	74	20.90	20.81	20.68		
15	64QAM	36	0	19.80	19.76	19.65		
15	64QAM	36	20	19.82	19.81	19.76	21.5	3
15	64QAM	36	39	19.72	19.66	19.56		
15	64QAM	75	0	19.91	19.82	19.74		
15	256QAM	1	0	18.24	18.19	18.14		
15	256QAM	1	37	18.14	18.06	17.96	19.5	5
15	256QAM	1	74	18.09	18.01	17.94		
15	256QAM	36	0	18.02	17.90	17.91		
15	256QAM	36	20	17.97	17.90	17.74	19.5	5
15	256QAM	36	39	18.02	18.01	17.96		
15	256QAM	75	0	17.93	17.91	17.84		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3535		
10	QPSK	1	0	22.85	22.90	22.65		
10	QPSK	1	24	22.82	22.89	22.65	24.5	0
10	QPSK	1	49	22.93	22.87	22.73		
10	QPSK	25	0	21.89	21.87	21.77		
10	QPSK	25	12	21.89	21.87	21.77	23.5	1
10	QPSK	25	24	21.79	21.79	21.96		
10	QPSK	50	0	21.80	21.78	21.77		
10	16QAM	1	0	21.71	21.69	21.66		
10	16QAM	1	24	21.71	21.66	21.56	23.5	1
10	16QAM	1	49	21.76	21.79	21.66		
10	16QAM	25	0	20.80	20.70	20.66		
10	16QAM	25	12	20.87	20.82	20.77	22.5	2
10	16QAM	25	24	20.81	20.73	20.71		
10	16QAM	50	0	20.89	20.71	20.76		
10	64QAM	1	0	20.77	20.66	20.65		
10	64QAM	1	24	20.91	20.84	20.72	22.5	2
10	64QAM	1	49	20.84	20.72	20.64		
10	64QAM	25	0	19.80	19.84	19.74		
10	64QAM	25	12	19.80	19.81	19.77	21.5	3
10	64QAM	25	24	19.70	19.72	19.56		
10	64QAM	50	0	19.90	19.73	19.70		
10	256QAM	1	0	18.20	18.11	18.02		
10	256QAM	1	24	18.12	18.10	18.02	19.5	5
10	256QAM	1	49	18.09	18.07	17.94		
10	256QAM	25	0	17.90	17.90	17.84		
10	256QAM	25	12	17.99	17.95	17.72	19.5	5
10	256QAM	25	24	18.00	18.02	17.96		
10	256QAM	50	0	17.91	17.91	17.90		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	22.92	22.93	22.76		
5	QPSK	1	12	22.82	22.89	22.77	24.5	0
5	QPSK	1	24	22.90	22.96	22.77		
5	QPSK	12	0	21.92	21.87	21.72		
5	QPSK	12	7	21.90	21.86	21.82		
5	QPSK	12	13	21.76	21.67	21.68	23.5	1
5	QPSK	12	24	21.75	21.82	21.88		
5	16QAM	1	0	21.76	21.72	21.62		
5	16QAM	1	12	21.73	21.64	21.57	23.5	1
5	16QAM	1	24	21.76	21.72	21.59		
5	16QAM	12	0	20.80	20.75	20.68		
5	16QAM	12	7	20.91	20.86	20.68	22.5	2
5	16QAM	12	13	20.84	20.83	20.73		
5	16QAM	12	24	20.83	20.72	20.74		
5	64QAM	1	0	20.84	20.74	20.62		
5	64QAM	1	12	20.82	20.78	20.81	22.5	2
5	64QAM	1	24	20.85	20.83	20.72		
5	64QAM	12	0	19.86	19.83	19.69		
5	64QAM	12	7	19.83	19.80	19.72	21.5	3
5	64QAM	12	13	19.75	19.68	19.64		
5	64QAM	12	24	19.85	19.79	19.71		
5	256QAM	1	0	18.16	18.11	18.06		
5	256QAM	1	12	18.10	18.14	18.01	19.5	5
5	256QAM	1	24	18.10	18.11	17.90		
5	256QAM	12	0	18.03	17.96	17.86		
5	256QAM	12	7	17.97	17.91	17.74	19.5	5
5	256QAM	12	13	18.02	17.96	17.97		
5	256QAM	12	24	17.96	17.92	17.85		

Band 42_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42590	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	23.41	23.32	24.45		
20	QPSK	1	49	24.30	24.42	24.32	25.7	0
20	QPSK	50	0	24.31	24.37	24.45		
20	QPSK	50	24	23.39	23.42	23.33		
20	QPSK	50	49	23.35	23.51	23.39	24.7	1
20	QPSK	100	0	23.31	23.39	23.41		
20	QPSK	100	24	23.36	23.32	23.39		
20	16QAM	1	0	23.33	23.44	23.33		
20	16QAM	1	49	23.30	23.51	23.39	24.7	1
20	16QAM	1	99	23.39	23.37	23.39		
20	16QAM	50	0	22.36	22.36	23.39		
20	16QAM	50	24	22.41	22.37	22.34	23.7	2
20	16QAM	50	49	22.37	22.36	22.33		
20	16QAM	100	0	22.30	22.40	22.49		
20	64QAM	1	0	22.34	22.36	22.45		
20	64QAM	1	49	22.33	22.40	22.41	23.7	2
20	64QAM	1	99	22.32	22.37	22.45		
20	64QAM	50	0	21.31	21.36	21.32		
20	64QAM	50	24	21.39	21.36	21.40		
20	64QAM	50	49	21.30	21.44	21.41	22.7	3
20	64QAM	100	0	21.33	21.36	21.49		
20	256QAM	1	0	19.39	19.40	19.36		
20	256QAM	1	49	19.37	19.36	19.40		
20	256QAM	1	99	19.36	19.44	19.40		
20	256QAM	50	0	19.33	19.42	19.33		
20	256QAM	50	24	19.36	19.44	19.36	20.7	5
20	256QAM	50	49	19.36	19.36	19.32		
20	256QAM	100	0	19.37	19.40	19.32		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	24.39	24.44	24.35		
15	QPSK	1	37	24.40	24.39	24.42	25.7	0
15	QPSK	1	74	24.31	24.42	24.40		
15	QPSK	36	0	23.40	23.45	23.39		
15	QPSK	36	20	23.47	23.46	23.49	24.7	1
15	QPSK	36	39	23.35	23.49	23.49		
15	QPSK	75	0	23.38	23.47	23.47		
15	16QAM	1	0	23.34	23.46	23.39		
15	16QAM	1	37	23.40	23.42	23.47	24.7	1
15	16QAM	1	74	23.48	23.46	23.45		
15	16QAM	36	0	22.40	22.46	22.37		
15	16QAM	36	20	22.52	22.45	22.45	23.7	2
15	16QAM	36	39	22.40	22.42	22.45		
15	16QAM	75	0	22.33	22.45	22.49		
15	64QAM	1	0	22.36	22.36	22.49		
15	64QAM	1	37	22.38	22.41	22.49	23.7	2
15	64QAM	1	74	22.34	22.42	22.49		
15	64QAM	36	0	21.31	21.43	21.44		
15	64QAM	36	20	21.43	21.43	21.46		
15	64QAM	36	39	21.30	21.46	21.49	22.7	3
15	64QAM	75	0	21.37	21.45	21.49		
15	256QAM	1	0	19.45	19.51	19.39		
15	256QAM	1	37	19.42	19.36	19.46		
15	256QAM	1	74	19.37	19.52	19.32		
15	256QAM	36	0	19.32	19.46	19.40		
15	256QAM	36	20	19.36	19.49	19.47	20.7	5
15	256QAM	36	39	19.47	19.52	19.33		
15	256QAM	75	0	19.36	19.50	19.39		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3535		
10	QPSK	1	0	24.40	24.42	24.32		
10	QPSK	1	24	24.41	24.39	24.32	25.7	0
10	QPSK	1	49	24.40	24.41	24.40		
10	QPSK	25	0	23.50	23.50	23.39		
10	QPSK	25	12	23.41	23.52	23.40	24.7	1
10	QPSK	25	25	23.40	23.50	23.49		
10	QPSK	50	0	23.42	23.47	23.47		
10	16QAM	1	0	23.33	23.45	23.35		
10	16QAM	1	24	23.37	23.51	23.40	24.7	1
10	16QAM	1	49	23.46	23.53	23.37		
10	16QAM	25	0	22.37	22.37	22.39		
10	16QAM	25	12	22.42	22.48	22.37	23.7	2
10	16QAM	25	25	22.43	22.46	22.39		
10	16QAM	50	0	22.37	22.50	22.46		
10	64QAM	1	0	22.37	22.40	22.45		
10	64QAM	1	24	22.34	22.41	22.45	23.7	2
10	64QAM	1	49	22.44	22.40	22.46		
10	64QAM	25	0	21.43	21.48	21.32		
10	64QAM	25	12	21.46	21.53	21.40	22.7	3
10	64QAM	25	25	21.36	21.50	21.41		
10	64QAM	50	0	21.40	21.49	21.49		
10	256QAM	1	0	19.42	19.37	19.40		
10	256QAM	1	24	19.37	19.39	19.40		
10	256QAM	1	49	19.45	19.48	19.46		
10	256QAM	25	0	19.43	19.49	19.49		
10	256QAM	25	12	19.44	19.48	19.39	20.7	5
10	256QAM	25	25	19.38	19.41	19.39		
10	256QAM	50	0	19.39	19.50	19.49		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	24.34	24.36	24.26		
5	QPSK	1	12	24.32	24.41	24.39	25.7	0
5	QPSK	1	24	24.39	24.39	24.32		
5	QPSK	12	0	23.47	23.49	24.37		
5	QPSK	12	7	23.47	23.52	23.42		
5	QPSK	12	13	23.33	23.51	23.46	24.7	1
5	QPSK	12	24	23.45	23.45	23.48		
5	16QAM	1	0	23.39	23.47	23.36		
5	16QAM	1	12	23.39	23.53	23.40	24.7	1
5	16QAM	1	24	23.48	23.48	23.39		
5	16QAM	12	0	22.45	22.49	22.33		
5	16QAM	12	7	22.50	22.45	22.49	23.7	2
5	16QAM	12	13	22.41	22.43	22.46		
5	16QAM	25	0	22.39	22.50	22.46		
5	64QAM	1	0	22.45	22.36	22.49		
5	64QAM	1	12	22.44	22.44	22.46	23.7	2
5	64QAM	1	24	22.36	22.47	22.46		
5	64QAM	12	0	21.40	21.41	21.32		
5	64QAM	12	7	21.45	21.45	21.32	22.7	3
5	64QAM	12	13	21.31	21.47	21.32		
5	64QAM	25	0	21.36	21.45	21.49		
5	256QAM	1	0	19.50	19.50	19.40		
5	256QAM	1	12	19.36	19.50	19.46		
5	256QAM	1	24	19.36	19.48	19.39	20.7	5
5	256QAM	12	0	19.39	19.50	19.49		
5	256QAM	12	7	19.36	19.50	19.40		
5	256QAM	12	13	19.48	19.50	19.39		

Band 42_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42590	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	22.67	22.78	22.66		
20	QPSK	1	49	22.59	22.58	22.56	23.5	0
20	QPSK	50	0	22.67	22.57	22.76		
20	QPSK	50	24	22.53	22.71	22.65		
20	QPSK	50	49	22.59	22.59	22.56	23.5	0
20	QPSK	100	0	22.54	22.62	22.59		
20	QPSK	100	24	22.52	22.66	22.52		
20	16QAM	1	0	22.56	22.63	22.64		
20	16QAM	1	49	22.59	22.58	22.67	23.5	0
20	16QAM	1	99	22.56	22.61	22.62		
20	16QAM	50	0	22.09	22.17	22.19		
20	16QAM	50	24	22.06	22.16	22.11	23	0.5
20	16QAM	50	49	22.01	22.07	22.02		
20	16QAM	100	0	21.94	22.21	22.04		
20	64QAM	1	0	22.11	22.09	22.12		
20	64QAM	1	49	22.09	22.11	22.18	23	0.5
20	64QAM	1	99	22.09	22.12	22.17		
20	64QAM	50	0	21.03	21.16	21.14		
20	64QAM	50	24	21.03	21.14	21.13	22	1.5
20	64QAM	50	50	21.12	21.11	21.21		
20	64QAM	100	0	20.96	21.08	21.20		
20	256QAM	1	0	19.08	19.16	19.21		
20	256QAM	1	49	18.18	19.06	19.06	20	3.5
20	256QAM	1	99	19.00	19.15	19.13		
20	256QAM	50	0	19.04	19.11	19.05		
20	256QAM	50	24	19.08	19.16	19.05	20	3.5
20	256QAM	50	50	19.13	19.08	19.18		
20	256QAM	100	0	19.02	19.14	19.15		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3417.5	3500	3582.5		
15	QPSK	1	0	22.54	22.73	22.58		
15	QPSK	1	37	22.50	22.48	22.47	23.5	0
15	QPSK	1	74	22.44	22.48	22.47		
15	QPSK	36	0	22.51	22.63	22.69		
15	QPSK	36	20	22.50	22.46	22.59	23.5	0
15	QPSK	36	39	22.42	22.56	22.53		
15	QPSK	75	0	22.55	22.50	22.54		
15	16QAM	1	0	22.45	22.50	22.58	23.5	0
15	16QAM	1	37	22.48	22.52	22.52		
15	16QAM	1	74	22.48	22.52	22.52		
15	16QAM	36	0	22.07	22.12	22.16		
15	16QAM	36	20	21.95	22.08	22.02	23	0.5
15	16QAM	36	39	21.93	22.02	22.12		
15	16QAM	75	0	21.90	22.06	22.05		
15	64QAM	1	0	22.03	22.01	22.06		
15	64QAM	1	37	22.07	22.04	22.05	23	0.5
15	64QAM	1	74	21.97	22.10	22.09		
15	64QAM	36	0	21.00	21.03	21.04		
15	64QAM	36	20	20.95	21.06	21.08		
15	64QAM	36	39	21.02	20.98	21.18	22	1.5
15	64QAM	75	0	21.07	21.10	21.09		
15	256QAM	1	0	19.04	19.12	19.16		
15	256QAM	1	37	19.02	19.06	19.06	20	3.5
15	256QAM	1	74	18.93	19.05	19.11		
15	256QAM	36	0	19.02	19.09	19.03		
15	256QAM	36	20	18.99	19.06	19.09	20	3.5
15	256QAM	36	39	19.01	19.06	19.19		
15	256QAM	75	0	18.91	19.09	19.13		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3500	3535		
10	QPSK	1	0	22.69	22.72	22.58		
10	QPSK	1	24	22.50	22.66	22.47	23.5	0
10	QPSK	1	49	22.54	22.47	22.63		
10	QPSK	25	0	22.40	22.66	22.62		
10	QPSK	25	12	22.51	22.57	22.57	23.5	0
10	QPSK	25	25	22.49	22.59	22.55		
10	QPSK	50	0	22.42	22.56	22.57		
10	16QAM	1	0	22.47	22.50	22.58		
10	16QAM	1	24	22.50	22.52	22.56		
10	16QAM	1	49	22.50	22.52	22.56		
10	16QAM	25	0	21.96	22.10	22.13		
10	16QAM	25	12	22.01	22.12	22.02	23	0.5
10	16QAM	25	25	21.92	22.02	22.15		
10	16QAM	50	0	21.82	22.18	21.91		
10	64QAM	1	0	22.02	22.05	21.99		
10	64QAM	1	24	21.97	22.02	22.05	23	0.5
10	64QAM	1	49	22.02	22.06	22.10		
10	64QAM	25	0	21.01	21.10	21.04		
10	64QAM	25	12	21.01	21.01	21.07	22	1.5
10	64QAM	25	25	21.02	21.02	21.18		
10	64QAM	50	0	20.91	20.98	21.14		
10	256QAM	1	0	19.01	19.11	19.09		
10	256QAM	1	24	18.97	19.06	19.06	20	3.5
10	256QAM	1	49	18.97	19.09	19.02		
10	256QAM	25	0	18.92	19.06	19.01		
10	256QAM	25	12	19.01	19.12	18.96	20	3.5
10	256QAM	25	25	18.93	19.04	19.14		
10	256QAM	50	0	18.94	19.04	19.13		
Channel				42190	42590	42990	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	22.71	22.71	22.61		
5	QPSK	1	12	22.55	22.48	22.53	23.5	0
5	QPSK	1	24	22.63	22.48	22.63		
5	QPSK	12	0	22.43	22.56	22.52		
5	QPSK	12	7	22.47	22.47	22.61		
5	QPSK	12	13	22.43	22.55	22.57	23.5	0
5	QPSK	12	24	22.45	22.45	22.48		
5	16QAM	1	0	22.50	22.51	22.59		
5	16QAM	1	12	22.50	22.53	22.54	23.5	0
5	16QAM	1	24	22.45	22.59	22.52		
5	16QAM	12	0	22.05	22.12	22.17		
5	16QAM	12	7	22.04	22.13	22.01	23	0.5
5	16QAM	12	13	22.01	22.03	22.14		
5	16QAM	25	0	21.93	22.06	21.91		
5	64QAM	1	0	22.03	21.94	22.09		
5	64QAM	1	12	21.96	22.09	22.15	23	0.5
5	64QAM	1	24	22.00	22.02	22.15		
5	64QAM	12	0	20.91	21.06	21.11		
5	64QAM	12	7	21.01	21.10	21.05	22	1.5
5	64QAM	12	13	21.10	20.98	21.13		
5	64QAM	25	0	20.95	21.03	21.16		
5	256QAM	1	0	18.97	19.05	19.16		
5	256QAM	1	12	19.05	19.06	19.03	20	3.5
5	256QAM	1	24	18.98	19.04	19.04		
5	256QAM	12	0	19.00	19.08	19.08		
5	256QAM	12	7	18.99	19.10	19.01	20	3.5
5	256QAM	12	13	19.00	19.06	19.09		
5	256QAM	25	0	18.97	19.12	19.03		

Band 42_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 42190	Power [dBm] Ch 42590	Power [dBm] Ch 42990	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	22.94	23.07	22.89		
20	QPSK	1	49	23.22	23.42	23.16	25	0
20	QPSK	50	0	23.06	23.28	23.03		
20	QPSK	50	24	22.29	22.52	22.25		
20	QPSK	50	49	22.35	22.45	22.31	24	1
20	QPSK	100	0	22.16	22.38	22.14		
20	QPSK	100	24	22.28	22.47	22.22		
20	16QAM	1	0	22.24	22.43	22.16		
20	16QAM	1	49	22.23	22.41	22.19	24	1
20	16QAM	1	99	22.16	22.35	22.12		
20	16QAM	50	0	21.28	21.48	21.21		
20	16QAM	50	24	21.26	21.47	21.21	23	2

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch_Freq_Low	Power [dBm] High Mode Ch_Freq_Low	Power [dBm] Ch_Freq_High	Tune-up limit (dBm)	MPR (dB)
Channel				55240	55590	55190	55840	
Frequency [MHz]				3560	3590	3540	3640	
20	QPSK	1	0	22.50	22.50	22.50	22.50	24	0
20	QPSK	1	49	22.52	22.40	22.40	22.23		
20	QPSK	1	99	22.52	22.53	22.51	22.36		
20	QPSK	50	0	21.70	21.76	21.57	21.41	23	1
20	QPSK	50	24	21.72	21.59	21.61	21.41		
20	QPSK	50	50	21.65	21.53	21.52	21.36		
20	QPSK	100	0	21.71	21.76	21.58	21.42		
20	16QAM	1	0	21.62	21.51	21.49	21.33	23	1
20	16QAM	1	49	21.57	21.43	21.45	21.27		
20	16QAM	1	99	21.69	21.55	21.55	21.35		
20	16QAM	50	0	20.57	20.54	20.54	20.33	22	2
20	16QAM	50	24	20.73	20.62	20.60	20.41		
20	16QAM	50	50	20.65	20.53	20.53	20.33		
20	16QAM	100	0	20.68	20.54	20.55	20.37		
20	64QAM	1	0	20.53	20.43	20.43	20.23	22	2
20	64QAM	1	49	20.54	20.42	20.41	20.23		
20	64QAM	1	99	20.57	20.43	20.46	20.27		
20	64QAM	50	0	19.64	19.52	19.52	19.34	21	3
20	64QAM	50	24	19.67	19.56	19.55	19.37		
20	64QAM	50	50	19.62	19.51	19.50	19.32		
20	64QAM	100	0	19.76	19.57	19.59	19.41		
20	256QAM	1	0	17.63	17.50	17.50	17.34	19	5
20	256QAM	1	49	17.66	17.51	17.50	17.35		
20	256QAM	1	99	17.66	17.43	17.43	17.26		
20	256QAM	50	0	17.63	17.49	17.50	17.32	19	5
20	256QAM	50	24	17.64	17.51	17.53	17.36		
20	256QAM	50	50	17.61	17.38	17.38	17.22		
20	256QAM	100	0	17.59	17.47	17.45	17.28		
Channel				54715	55165	54715	55465	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3557.5	3605	3557.5	3655.5		
15	QPSK	1	0	22.55	22.55	22.55	22.55	24	0
15	QPSK	1	37	22.46	22.28	22.36	22.16		
15	QPSK	1	74	22.51	22.50	22.45	22.30		
15	QPSK	36	0	21.69	21.74	21.57	21.36	23	1
15	QPSK	36	20	21.72	21.59	21.61	21.41		
15	QPSK	36	39	21.69	21.52	21.52	21.36		
15	QPSK	75	0	21.61	21.76	21.51	21.31		
15	16QAM	1	0	21.55	21.53	21.39	21.33	23	1
15	16QAM	1	37	21.56	21.53	21.49	21.16		
15	16QAM	1	74	21.64	21.49	21.51	21.33		
15	16QAM	36	0	20.56	20.54	20.46	20.27	22	2
15	16QAM	36	20	20.66	20.58	20.52	20.29		
15	16QAM	36	39	20.57	20.51	20.50	20.28		
15	16QAM	75	0	20.64	20.49	20.52	20.39		
15	64QAM	1	0	20.48	20.42	20.32	20.10	22	2
15	64QAM	1	37	20.46	20.43	20.37	20.03		
15	64QAM	1	74	20.50	20.41	20.40	20.24		
15	64QAM	36	0	19.53	19.50	19.32	19.22	21	3
15	64QAM	36	20	19.62	19.49	19.52	19.30		
15	64QAM	36	39	19.58	19.39	19.42	19.33		
15	64QAM	75	0	19.69	19.49	19.52	19.32		
15	256QAM	1	0	17.59	17.44	17.42	17.23	19	5
15	256QAM	1	37	17.62	17.39	17.39	17.06		
15	256QAM	1	74	17.44	17.27	17.40	17.23		
15	256QAM	36	0	17.58	17.49	17.40	17.22		
15	256QAM	36	20	17.57	17.49	17.40	17.30		
15	256QAM	36	39	17.42	17.27	17.33	17.13		
15	256QAM	75	0	17.56	17.43	17.46	17.29		
Channel				54465	54815	54465	54965	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3542.5	3577.5	3542.5	3577.5		
10	QPSK	1	0	22.58	22.58	22.58	22.58	24	0
10	QPSK	1	25	22.50	22.36	22.36	22.19		
10	QPSK	1	49	22.53	22.39	22.39	22.22		
10	QPSK	25	0	21.67	21.76	21.49	21.31	23	1
10	QPSK	25	12	21.67	21.59	21.46	21.36		
10	QPSK	25	25	21.60	21.59	21.46	21.24		
10	QPSK	50	0	21.67	21.59	21.46	21.36		
10	16QAM	1	0	21.57	21.59	21.46	21.24	23	1
10	16QAM	1	25	21.50	21.59	21.39	21.36		
10	16QAM	1	49	21.60	21.46	21.43	21.36		
10	16QAM	25	0	20.59	20.49	20.39	20.24	22	2
10	16QAM	25	12	20.73	20.59	20.46	20.41		
10	16QAM	25	25	20.59	20.52	20.52	20.33		
10	16QAM	50	0	20.60	20.49	20.50	20.25		
10	64QAM	1	0	20.53	20.43	20.37	20.15	22	2
10	64QAM	1	25	20.50	20.40	20.36	20.16		
10	64QAM	1	49	20.57	20.43	20.43	20.23		
10	64QAM	25	0	19.59	19.50	19.46	19.25	21	3
10	64QAM	25	12	19.63	19.50	19.49	19.29		
10	64QAM	25	25	19.59	19.43	19.39	19.31		
10	64QAM	50	0	19.70	19.53	19.50	19.40		
10	256QAM	1	0	17.51	17.48	17.39	17.26	19	5
10	256QAM	1	25	17.51	17.39	17.39	17.26		
10	256QAM	1	49	17.51	17.32	17.39	17.26		
10	256QAM	25	0	17.50	17.47	17.40	17.22	19	5
10	256QAM	25	12	17.55	17.45	17.39	17.30		
10	256QAM	25	25	17.49	17.32	17.32	17.10		
10	256QAM	50	0	17.59	17.35	17.45	17.23		
Channel				54240	54590	54190	54840	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3532.5	3567	3543	3567.5		
5	QPSK	1	0	22.57	22.21	22.57	22.57	24	0
5	QPSK	1	12	22.49	22.39	22.39	22.19		
5	QPSK	1	24	22.53	22.49	22.32	22.32		
5	QPSK	12	0	21.68	21.67	21.59	21.41	23	1
5	QPSK	12	7	21.69	21.53	21.43	21.33		
5	QPSK	12	13	21.61	21.53	21.49	21.30		
5	QPSK	25	0	21.71	21.79	21.47	21.33		
5	16QAM	1	0	21.58	21.49	21.46	21.33	23	1
5	16QAM	1	12	21.49	21.53	21.39	21.33		
5	16QAM	1	24	21.61	21.52	21.46	21.31		
5	16QAM	12	0	20.63	20.46	20.53	20.31	22	2
5	16QAM	12	7	20.65	20.54	20.53	20.29		
5	16QAM	12	13	20.63	20.45	20.52	20.30		
5	16QAM	25	0	20.63	20.45	20.53	20.39		
5	64QAM	1	0	20.53	20.40	20.36	20.15	22	2
5	64QAM	1	12	20.42	20.36	20.29	20.19		
5	64QAM	1	24	20.49	20.36	20.33	20.17		
5	64QAM	12	0	19.63	19.46	19.46	19.26	21	3
5	64QAM	12	7	19.60	19.46	19.46	19.25		
5	64QAM	12	13	19.54	19.46	19.46	19.32		
5	64QAM	25	0	19.49	19.33	19.33	19.21		
5	256QAM	1	0	17.61	17.45	17.40	17.20	19	5
5	256QAM	1	12	17.56	17.39	17.32	17.19		
5	256QAM	1	24	17.53	17.31	17.37	17.19		
5	256QAM	12	0	17.53	17.47	17.32	17.32	19	5
5	256QAM	12	7	17.53	17.46	17.46	17.34		
5	256QAM	12	13	17.51	17.23	17.35	17.22		
5	256QAM	25	0	17.55	17.47	17.45	17.16		

Band 48_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch_Freq_Low	Power [dBm] High Mode Ch_Freq_Low	Power [dBm] Ch_Freq_High	Tune-up limit (dBm)	MPR (dB)
Channel				55240	55590	55190	55840	
Frequency [MHz]				3560	3590	3540	3640	
20	QPSK	1	0	23.96	23.94	23.95	23.91	25.5	0
20	QPSK	1	49	23.95	23.92	23.94	23.92		
20	QPSK	1	99	23.97	23.94	23.96	23.94		
20	QPSK	50	0	22.94	22.96	22.95	22.91	24.5	1
20	QPSK	50	24	22.97	22.92	22.96	22.92		
20	QPSK	50	50	22.93	22.94	22.97	22.91		
20	QPSK	100	0	22.94	22.93	22.97	22.94		
20	16QAM	1	0	23.93	23.95	23.93	23.94	24.5	1
20	16QAM	1	49	23.86	23.91	23.86	23.86		
20	16QAM	1	99	23.90	23.92	23.92	23.99		
20	16QAM	50	0	21.86	21.96	21.86	21.89	23.5	2
20	16QAM	50	24	21.85	21.96	21.92	21.99		
20	16QAM	50	50	21.80	21.90	21.92	21.97		
20	16QAM	100	0	21.86	21.97	21.90	21.99		
20	64QAM	1	0	21.83	21.90	21.83	21.89	23.5	2
20	64QAM	1	49	21.83	21.89	21.91	21.99		
20	64QAM	1	99	21.83	21.94	21.88	21.93		
20	64QAM	50	0	20.86	20.93	20.87	20.99	22.5	3
20	64QAM	50	24	20.86	20.96	20.86	20.91		
20	64QAM	50	50	20.87	20.96	20.86	20.95		
20	64QAM	100	0	20.92	20.91	20.96	20.98		
20	256QAM	1	0	18.86	18.88	18.89	18.97	20.5	5
20	256QAM	1	49	18.83	18.86	18.86	18.96		
20	256QAM	1	99	18.84	18.86	18.84	18.95		
20	256QAM	50	0	18.86	18.91	18.86	18.91	20.5	5
20	256QAM	50	24	18.86	18.86	18.89	18.91		
20	256QAM	50	50	18.86	18.86	18.86	18.89		
20	256QAM	100	0	18.86	18.84	18.91	18.93		
Channel				54715	55165	54715	55465	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3557.5	3605	3557.5	3655.5		
15	QPSK	1	0	23.94	23.96	23.91	23.95	25.5	0
15	QPSK	1	37	23.97	23.92	23.99	23.99		
15	QPSK	1	74	23.99	23.97	23.93	24.01		
15	QPSK	36	0	22.93	23.04	22.94	22.95	24.5	1
15	QPSK	36	20	22.96	22.97	23.00	22.95		
15	QPSK	36	39	23.03	22.98	22.97	23.01		
15	QPSK	75	0	22.87	22.96	22.93	22.95		
15	16QAM	1	0	24.02	24.00	23.93	23.97	24.5	1
15	16QAM	1	37	23.96	23.96	23.90	23.94		
15	16QAM	1	74	23.92	23.99	23.95	23.99		
15	16QAM	36	0	21.94	22.10	21.95	21.98	23.5	2
15	16QAM	36	20	21.91	22.02	21.97	21.93		
15	16QAM	36	39	21.96	21.96	22.02	21.99		
15	16QAM	75	0	21.96	22.00	21.97	21.97		
15	64QAM	1	0	21.96	21.94	21.90	22.03	23.5	2
15	64QAM	1	37	21.89	21.93	22.00	22.03		
15	64QAM	1	74	21.92	21.97	21.90	21.96		
15	64QAM	36	0	20.96	20.95	20.96	20.99	22.5	3
15	64QAM	36	20	21.00	21.04	21.03	20.96		
15	64QAM	36	39	20.94	21.03	20.96	20.97		
15	64QAM	75	0	21.04	20.98	21.00	21.00		
15	256QAM	1	0	18.94	18.93	18.93	19.04	20.5	5
15	256QAM	1	37	18.95	18.95	18.92	19.00		
15	256QAM	1	74	18.98	18.98	18.94	18.99		
15	256QAM	36	0	18.93	18.93	18.91	18.97	20.5	5
15	256QAM	36	20	18.93	18.93	18.93	18.97		
15	256QAM	36	39	18.93	18.91	18.91	19.03		
15	256QAM	75	0	18.88	18.91	18.91	19.03		
Channel				54465	54815	54465	54965	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3542.5	3577.5	3542.5	3577.5		
10	QPSK	1	0	22.93	22.94	22.95	23.00	25.5	0
10	QPSK	1	25	24.02	23.96	23.97	23.99		
10	QPSK	1	49	23.97	23.97	23.92	24.00		
10	QPSK	25	0	22.94	22.99	22.92	23.03	24.5	1
10	QPSK	25	12	22.94	22.96	22.97	22.99		
10	QPSK	25	25	23.02	22.99	22.95	22.97		
10	QPSK	50	0	22.95	22.92	22.92	22.99		
10	16QAM	1	0	23.97	23.99	23.95	23.99	24.5	1
10	16QAM	1	25	23.92	23.98	23.95	23.99		
10	16QAM	1	49	23.92	23.95	24.00	23.99		
10	16QAM	25	0	21.96	22.10	21.91	21.97	23.5	2
10	16QAM	25	12	21.92	21.96	22.04	21.97		
10	16QAM	25	25	21.92	21.98	21.97	21.99		
10	16QAM	50	0	21.96	22.04	21.99	21.94		
10	64QAM	1	0	21.93	21.96	21.94	22.04	23.5	2
10	64QAM	1	25	21.93	21.98	21.94	22.03		
10	64QAM	1	49	21.86	21.93	21.89	21.98		
10	64QAM	25	0	20.89	20.96	20.98	20.99	22.5	3
10	64QAM	25	12	20.86	20.96	20.98	20.99		
10	64QAM	25	25	20.89	21.05	20.91	20.99		
10	64QAM	50	0	21.01	20.96	20.98	21.02		
10	256QAM	1	0	18.95	18.91	19.01	19.05	20.5	5
10	256QAM	1	25	18.97	18.91	18.93	19.00		
10	256QAM	1	49	19.04	18.96	18.94	19.06		
10	256QAM	25	0	18.97	18.91	18.93	19.03	20.5	5
10	256QAM	25	12	18.94	19.03	18.91	18.99		
10	256QAM	25	25	18.96	19.04	18.93	19.03		
10	256QAM	50	0	18.97	19.05	18.95	19.05		
Channel				54240	54590	54190	54840	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3532.5	3567	3543	3567.5		
5	QPSK	1	0	22.96	22.91	23.00	23.04	25.5	0
5	QPSK	1	12	24.03	24.02	23.96	23.98		
5	QPSK	1	24	23.99	23.94	23.97	23.97		
5	QPSK	12	0	22.97	23.03	22.97	24.02	24.5	1
5	QPSK	12	7	22.97	22.95	23.04	23.00		
5	QPSK	12	13	23.00	23.00	22.94	23.06		
5	QPSK	25	0	22.94	23.01	22.96	23.01		
5	16QAM	1	0	23.96	23.97	23.93	24.02	24.5	1
5	16QAM	1	12	23.90	23.92	23.92	23.97		
5	16QAM	1	24	23.92	24.00	23.93	24.02		
5	16QAM	12	0	21.99	22.03	21.96	22.00	23.5	2
5	16QAM	12	7	21.97	22.03	21.94	21.96		
5	16QAM	12	13	22.00	22.02	21.97	22.00		
5	16QAM	25	0	21.94	22.05	22.02	21.98		
5	64QAM	1	0	21.97	21.96	21.93	22.00	23.5	2
5	64QAM	1	12	21.93	22.00	22.03	22.04		
5	64QAM	1	24	21.92	21.96	21.93	22.00		
5	64QAM	12	0	20.94	21.04	20.96	20.99	22.5	3
5	64QAM	12	7	20.96	20.94	21.00	20.96		
5	64QAM	12	13	20.92	21.01	21.00	20.96		
5	64QAM	25	0	20.96	20.91	20.96	20.97		
5	256QAM	1	0	18.97	18.89	18.96	18.96	20.5	5
5	256QAM	1	12	18.96	18.96	18.96	18.96		
5	256QAM	1	24	18.93	18.97	18.96	18.96		
5	256QAM	12	0	18.96	18.92	18.96	18.96	20.5	5
5	256QAM	12	7	18.96	18.99	18.96	18.96		
5	256QAM	12	13	18.94	19.02	18.95	18.99		
5	256QAM	25	0	18.94	19.02	18.95	18.99		

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch_Freq_Low	Power [dBm] High Mode Ch_Freq_Low	Power [dBm] Ch_Freq_High	Tune-up limit (dBm)	MPR (dB)
Channel				55240	55590	55190	55840	
Frequency [MHz]				3560	3590	3540	3640	
20	QPSK	1	0	21.67	21.90	21.68	21.57	22.5	0
20	QPSK	1	49	21.56	21.97	21.60	21.55		
20	QPSK	1	99	21.62	21.82	21.55	21.57		
20	QPSK	50	0	21.54	21.98	21.49	21.59	22.5	0
20	QPSK	50	24	21.54	21.84	21.56	21.57		
20	QPSK	50	50	21.53	21.93	21.55	21.57		
20	QPSK	100	0	21.67	21.87	21.64	21.56		
20	16QAM	1	0	21.54	21.92	21.60	21.59	22.5	0
20	16QAM	1	49	21.51	21.93	21.61	21.55		
20	16QAM	1	99	21.54	21.92	21.57	21.55		
20	16QAM	50	0	21.51	21.92	21.60	21.57	22.5	0
20	16QAM	50	24	21.52	21.91	21.56	21.55		
20	16QAM	50	50	21.53	21.88	21.56	21.56		
20	16QAM	100	0	21.46	21.84	21.55	21.58		
20	64QAM	1	0	21.52	21.82	21.57	21.55	22.5	0
20	64QAM	1	49	21.45	21.86	21.58	21.57		
20	64QAM	1	99	21.50	21.88	21.63	21.56		
20	64QAM	50	0	20.97	21.02	21.11	21.00	22	0.5
20	64QAM	50	24	21.04	21.16	21.01	21.06		
20	64QAM	50	50	21.04	21.14	21.04	21.03		
20	64QAM	100	0	21.02	21.18	21.10	21.03		
20	256QAM	1	0	18.97	19.12	19.10	19.05	20	2.5
20	256QAM	1	49	18.97	19.19	19.07	19.06		
20	256QAM	1	99	18.96	19.09	19.11	19.09		
20	256QAM	50	0	18.99	19.16	19.13	19.06	20	2.5
20	256QAM	50	24	18.94	19.09	19.13	19.13		
20	256QAM	50	50	19.02	19.15	19.13	19.02		
20	256QAM	100	0	19.05	19.17	19.05	19.09		
Channel				54715	55165	54715	55465	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3557.5	3605	3557.5	3655.5		
15	QPSK	1	0	21.49	21.99	21.64	21.53	22.5	0
15	QPSK	1	37	21.52	21.94	21.52	21.39		
15	QPSK	1	74	21.45	21.92	21.50	21.45		
15	QPSK	36	0	21.44	21.97	21.44	21.45	22.5	0
15	QPSK	36	20	21.43	21.91	21.54	21.47		
15	QPSK	36	39	21.49	21.91	21.47	21.45		
15	QPSK	75	0	21.45	21.93	21.42	21.45		
15	16QAM	1	0	21.46	21.47	21.39	21.56	22.5	0
15	16QAM	1	37	21.39	21.93	21.53	21.43		
15	16QAM	1	74	21.46	21.43	21.50	21.46		
15	16QAM	36	0	21.44	21.61	21.58	21.46	22.5	0
15	16QAM	36	20	21.49	21.55	21.53	21.42		
15	16QAM	36	39	21.43	21.59	21.54	21.47		
15	16QAM	75	0	21.39	21.60	21.40	21.47		
15	64QAM	1	0	21.37	21.60	21.46	21.44	22.5	0
15	64QAM	1	37	21.40	21.44	21.52	21.51		
15	64QAM	1	74	21.42	21.56	21.58	21.52		
15	64QAM	36	0	20.94	20.94	21.08	20.97	22	0.5
15	64QAM	36	20	20.92	21.10	21.04	20.98		
15	64QAM	36	39	20.96	21.10	20.98	21.00		
15	64QAM	75	0	20.93	21.12	21.00	21.00		
15	256QAM	1	0	18.93	19.04	18.98	19.00	20	2.5
15	256QAM	1	37	18.92	19.04	19.10	19.07		
15	256QAM	1	74	18.96	19.01	19.04	18.96		
15	256QAM	36	0	18.92	19.04	19.02	19.00	20	2.5
15	256QAM	36	20	18.92	19.04	19.10	19.07		
15	256QAM	36	39	18.90	19.04	19.09	19.09		
15	256QAM	75	0	18.90	19.14	19.01	18.99		
Channel				54465	54815	54465	54965	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3542.5	3577.5	3542.5	3577.5		
10	QPSK	1	0	21.49	21.98	21.64	21.64	22.5	0
10	QPSK	1	25	21.49	21.98	21.58	21.47		
10	QPSK	1	49	21.47	21.93	21.58	21.56		
10	QPSK	25	0	21.46	21.81	21.58	21.47	22.5	0
10	QPSK	25	12	21.42	21.92	21.58	21.49		
10	QPSK	25	25	21.42	21.53	21.51	21.49		
10	QPSK	50	0	21.42	21.87	21.58	21.54		
10	16QAM	1	0	21.42	21.49	21.49	21.54	22.5	0
10	16QAM	1	25	21.42	21.81	21.58	21.49		
10	16QAM	1	49	21.48	21.48	21.48	21.43		
10	16QAM	25	0	21.42	21.58	21.48	21.52	22.5	0
10	16QAM	25	12	21.51	21.52	21.51	21.38		
10	16QAM	25	25	21.47	21.58	21.47	21.41		
10	16QAM	50	0	21.44	21.58	21.59	21.54		
10	64QAM	1	0	21.42	21.58	21.47	21.48	22.5	0
10	64QAM	1	25	21.36	21.53	21.52	21.53		
10	64QAM	1	49	21.45	21.53	21.58	21.49		
10	64QAM	25	0	20.97	20.92	21.01	20.91	22	0.5
10	64QAM	25	12	20.92	21.07	20.98	20.97		
10	64QAM	25	25	21.00	21.11	20.99	20.95		
10	64QAM	50	0	20.96	21.06	21.07	21.00		
10	256QAM	1	0	19.01	19.10	19.09	19.09	20	2.5
10	256QAM	1	25	18.98	19.16	19.09	19.03		
10	256QAM	1	49	19.03	19.05	19.02	19.07		
10	256QAM	25	0	18.97	19.01	19.03	19.03	20	2.5
10	256QAM	25	12	19.05	19.04	19.04	18.98		
10

Reduced Power for DSI 5

GSM850_Ant 0	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	33.46	33.43	33.39	**34.00**	24.46	24.43	24.39	25.00
GPRS 1 Tx slot	33.44	33.38	33.36	**34.00**	24.44	24.38	24.36	25.00
GPRS 2 Tx slots	30.15	30.18	30.04	**31.00**	24.15	24.18	24.04	25.00
GPRS 3 Tx slots	28.30	28.35	28.12	**29.00**	24.04	24.09	23.86	24.74
GPRS 4 Tx slots	26.65	26.72	26.36	**28.00**	23.65	23.72	23.36	25.00
EDGE 1 Tx slot	26.48	26.45	26.33	**27.50**	17.48	17.45	17.33	18.50
EDGE 2 Tx slots	23.75	23.82	23.74	**24.50**	17.75	17.82	17.74	18.50
EDGE 3 Tx slots	22.02	21.95	21.99	**22.50**	17.76	17.89	17.73	18.24
EDGE 4 Tx slots	20.60	20.49	20.46	**21.50**	17.60	17.49	17.46	18.50

GSM850_Ant 1	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	31.17	31.15	31.10	**33.00**	22.17	22.15	22.10	24.00
GPRS 1 Tx slot	31.05	31.10	31.09	**33.00**	22.05	22.10	22.09	24.00
GPRS 2 Tx slots	28.34	28.32	28.23	**30.00**	22.34	22.32	22.23	24.00
GPRS 3 Tx slots	26.60	27.02	27.04	**28.00**	22.34	22.76	22.78	23.74
GPRS 4 Tx slots	25.11	25.26	25.22	**27.00**	22.11	22.26	22.22	24.00
EDGE 1 Tx slot	24.87	24.53	24.90	**26.50**	15.87	15.53	15.90	17.50
EDGE 2 Tx slots	21.93	21.93	21.99	**23.50**	15.93	15.93	15.99	17.50
EDGE 3 Tx slots	20.48	20.11	20.11	**21.50**	16.22	15.85	15.85	17.24
EDGE 4 Tx slots	18.92	19.01	18.68	**20.50**	15.92	16.01	15.68	17.50

GSM1900_Ant 2	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	30.61	30.62	30.58	**31.00**	21.61	21.62	21.58	22.00
GPRS 1 Tx slot	30.52	30.56	30.48	**31.00**	21.52	21.56	21.48	22.00
GPRS 2 Tx slots	27.13	27.36	27.31	**28.00**	21.13	21.36	21.31	22.00
GPRS 3 Tx slots	25.18	25.26	25.33	**26.00**	20.92	21.00	21.07	21.74
GPRS 4 Tx slots	24.66	24.69	24.65	**25.00**	21.66	21.69	21.65	22.00
EDGE 1 Tx slot	25.93	26.01	26.04	**26.50**	16.93	17.01	17.04	17.50
EDGE 2 Tx slots	22.84	23.17	23.23	**23.50**	16.84	17.17	17.23	17.50
EDGE 3 Tx slots	21.19	21.25	21.42	**21.50**	16.93	16.99	17.16	17.24
EDGE 4 Tx slots	19.59	19.65	19.87	**20.50**	16.59	16.65	16.87	17.50

GSM1900_Ant 1	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	24.71	24.75	24.73	**25.00**	15.71	15.75	15.73	16.00
GPRS 1 Tx slot	24.70	24.74	24.71	**25.00**	15.70	15.74	15.71	16.00
GPRS 2 Tx slots	21.32	21.43	21.38	**22.00**	15.32	15.43	15.38	16.00
GPRS 3 Tx slots	19.25	19.46	19.38	**20.00**	14.99	15.20	15.12	15.74
GPRS 4 Tx slots	18.13	18.23	18.20	**19.00**	15.13	15.23	15.20	16.00
EDGE 1 Tx slot	20.02	19.99	19.99	**21.00**	11.02	10.99	10.99	12.00
EDGE 2 Tx slots	17.11	17.18	17.10	**18.00**	11.11	11.18	11.10	12.00
EDGE 3 Tx slots	15.11	15.24	15.22	**16.00**	10.85	10.98	10.96	11.74
EDGE 4 Tx slots	13.70	13.85	13.76	**15.00**	10.70	10.85	10.76	12.00

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.50	22.64	22.68	**23.00**	14.50	14.72	14.73	**15.50**
3GPP Rel 99	RMC 12.2Kbps	22.54	22.71	22.70	**23.00**	14.58	14.74	14.73	**15.50**
3GPP Rel 6	HSDPA Subtest-1	21.41	21.56	21.50	**22.00**	13.57	13.63	13.57	**14.50**
3GPP Rel 6	HSDPA Subtest-2	21.43	21.53	21.45	**22.00**	13.70	13.67	13.67	**14.50**
3GPP Rel 6	HSDPA Subtest-3	20.97	21.01	20.96	**21.50**	13.19	13.07	13.09	**14.00**
3GPP Rel 6	HSDPA Subtest-4	20.95	21.01	20.96	**21.50**	13.06	13.23	13.19	**14.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.35	21.36	21.28	**22.00**	13.63	13.57	13.20	**14.50**
3GPP Rel 8	DC-HSDPA Subtest-2	21.28	21.35	21.20	**22.00**	13.54	13.53	13.11	**14.50**
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.82	20.71	**21.50**	13.13	13.06	12.51	**14.00**
3GPP Rel 8	DC-HSDPA Subtest-4	20.68	20.82	20.68	**21.50**	12.90	12.98	12.40	**14.00**
3GPP Rel 6	HSUPA Subtest-1	21.44	21.55	21.52	**22.00**	13.63	13.53	13.58	**14.50**
3GPP Rel 6	HSUPA Subtest-2	19.45	19.49	19.45	**20.00**	11.56	11.46	11.53	**12.50**
3GPP Rel 6	HSUPA Subtest-3	20.45	20.55	20.49	**21.00**	12.43	12.61	12.54	**13.50**
3GPP Rel 6	HSUPA Subtest-4	19.48	19.48	19.55	**20.00**	11.42	11.59	11.64	**12.50**
3GPP Rel 6	HSUPA Subtest-5	21.38	21.52	21.57	**22.00**	13.50	13.61	13.65	**14.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.45	18.46	18.54	**19.50**	11.02	11.26	11.34	**12.00**

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.83	21.91	21.84	**22.50**	16.63	16.69	16.64	**17.50**
3GPP Rel 99	RMC 12.2Kbps	21.84	21.92	21.84	**22.50**	16.64	16.74	16.73	**17.50**
3GPP Rel 6	HSDPA Subtest-1	20.66	20.78	20.68	**21.50**	15.60	15.73	15.75	**16.50**
3GPP Rel 6	HSDPA Subtest-2	20.63	20.77	20.75	**21.50**	15.73	15.69	15.66	**16.50**
3GPP Rel 6	HSDPA Subtest-3	20.12	20.25	20.20	**21.00**	15.07	15.26	15.14	**16.00**
3GPP Rel 6	HSDPA Subtest-4	20.10	20.24	20.14	**21.00**	15.17	15.29	15.18	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-1	20.69	20.61	20.45	**21.50**	15.36	15.20	15.22	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-2	20.67	20.61	20.51	**21.50**	15.22	15.18	15.27	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-3	20.16	20.11	19.97	**21.00**	14.74	14.67	14.75	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-4	20.17	20.08	19.92	**21.00**	14.72	14.71	14.71	**16.00**
3GPP Rel 6	HSUPA Subtest-1	20.70	20.79	20.77	**21.50**	15.67	15.73	15.64	**16.50**
3GPP Rel 6	HSUPA Subtest-2	18.74	18.72	18.79	**19.50**	13.72	13.83	13.76	**14.50**
3GPP Rel 6	HSUPA Subtest-3	19.76	19.76	19.80	**20.50**	14.65	14.75	14.73	**15.50**
3GPP Rel 6	HSUPA Subtest-4	18.74	18.74	18.79	**19.50**	13.82	13.81	13.74	**14.50**
3GPP Rel 6	HSUPA Subtest-5	20.70	20.75	20.84	**21.50**	15.70	15.79	15.77	**16.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.48	17.79	17.78	**19.00**	13.48	13.55	13.38	**14.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	24.29	24.31	24.25	**25.50**	22.34	22.45	22.36	**23.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.34	24.26	**25.50**	22.39	22.53	22.42	**23.50**
3GPP Rel 6	HSDPA Subtest-1	23.28	23.31	23.25	**24.50**	21.38	21.52	21.34	**22.50**
3GPP Rel 6	HSDPA Subtest-2	23.30	23.28	23.26	**24.50**	21.46	21.42	21.48	**22.50**
3GPP Rel 6	HSDPA Subtest-3	22.73	22.75	22.72	**24.00**	20.90	21.00	20.91	**22.00**
3GPP Rel 6	HSDPA Subtest-4	22.73	22.75	22.71	**24.00**	20.89	20.97	20.97	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.22	23.11	**24.50**	21.43	21.35	21.37	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.20	23.09	**24.50**	21.32	21.29	21.32	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.75	22.68	**24.00**	20.88	20.82	20.87	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.65	22.70	22.60	**24.00**	20.76	20.87	20.91	**22.00**
3GPP Rel 6	HSUPA Subtest-1	23.23	23.27	23.21	**24.50**	21.47	21.59	21.43	**22.50**
3GPP Rel 6	HSUPA Subtest-2	21.28	21.30	21.22	**22.50**	19.42	19.46	19.43	**20.50**
3GPP Rel 6	HSUPA Subtest-3	22.25	22.26	22.21	**23.50**	20.46	20.45	20.37	**21.50**
3GPP Rel 6	HSUPA Subtest-4	21.23	21.25	21.15	**22.50**	19.34	19.40	19.32	**20.50**
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.20	**24.50**	21.41	21.51	21.49	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.10	21.06	**22.00**	19.25	19.21	19.09	**20.00**

Band 2_Ant 2

BW [MHz]	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	23.96	24.13	24.11	25	0
20	QPSK	1	49	23.6	23.7	23.57		
20	QPSK	1	99	23.54	23.62	23.43		
20	QPSK	50	0	23.25	23.22	23.03	24.5	0.5
20	QPSK	50	24	23.01	23.16	22.98		
20	QPSK	50	50	23.16	23.25	22.97		
20	16QAM	100	0	23.14	23.15	23.05	24.5	0.5
20	16QAM	1	0	23.16	23.12	23.65		
20	16QAM	1	49	23.51	22.99	23.67		
20	16QAM	1	99	22.96	22.99	23.22		
20	16QAM	50	0	22.01	21.96	22.11	23.5	1.5
20	16QAM	50	24	22.02	22.06	22.14		
20	16QAM	50	50	22.04	22.16	22.12		
20	16QAM	100	0	22.01	22.08	21.96		
20	64QAM	1	0	22.27	22.42	22.37	23.5	1.5
20	64QAM	1	49	22.42	22.29	22.37		
20	64QAM	1	99	21.89	22.22	22.22		
20	64QAM	50	0	21.03	21.2	21.11	22.5	2.5
20	64QAM	50	24	21.21	21.02	21.1		
20	64QAM	50	50	21.03	21.23	21.09		
20	64QAM	100	0	21.05	21.12	21.09		
20	256QAM	1	0	19.30	19.35	19.38	20.5	4.5
20	256QAM	1	49	19.39	19.46	19.58		
20	256QAM	1	99	19.36	19.40	19.47		
20	256QAM	50	0	19.23	19.35	19.37		
20	256QAM	50	24	19.27	19.13	19.37		
20	256QAM	50	50	19.36	19.28	19.35		
20	256QAM	100	0	19.24	19.37	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.88	23.99	23.88	25	0
15	QPSK	1	37	23.56	23.59	23.54		
15	QPSK	1	74	23.47	23.53	23.37		
15	QPSK	36	0	23.22	23.2	22.98	24.5	0.5
15	QPSK	36	20	22.9	23.12	22.96		
15	QPSK	36	39	23.09	23.21	22.97		
15	QPSK	75	0	23.09	23.06	22.93		
15	16QAM	1	0	23.11	23.02	23.58	24.5	0.5
15	16QAM	1	37	23.44	22.96	23.64		
15	16QAM	1	74	22.91	23.47	23.13		
15	16QAM	36	0	21.98	21.89	21.99	23.5	1.5
15	16QAM	36	20	21.95	21.95	22.1		
15	16QAM	36	39	21.95	22.12	22.1		
15	16QAM	75	0	21.88	22.04	21.84		
15	64QAM	1	0	22.24	22.4	22.35	23.5	1.5
15	64QAM	1	37	22.37	22.24	22.25		
15	64QAM	1	74	21.78	22.14	22.15		
15	64QAM	36	0	21	21.16	20.99	22.5	2.5
15	64QAM	36	20	21.15	20.99	20.97		
15	64QAM	36	39	21.01	21.16	21.05		
15	64QAM	75	0	21.01	21.03	21.04		
15	256QAM	1	0	19.27	19.26	19.28	20.5	4.5
15	256QAM	1	37	19.37	19.36	19.58		
15	256QAM	1	74	19.33	19.38	19.43		
15	256QAM	36	0	19.15	19.24	19.27	20.5	4.5
15	256QAM	36	20	19.24	19.07	19.23		
15	256QAM	36	39	19.26	19.20	19.22		
15	256QAM	75	0	19.16	19.34	19.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.93	23.96	23.88	25	0
10	QPSK	1	25	23.53	23.59	23.53		
10	QPSK	1	49	23.51	23.53	23.39		
10	QPSK	25	0	23.23	23.15	22.92	24.5	0.5
10	QPSK	25	12	22.91	23.02	22.93		
10	QPSK	25	25	23.07	23.12	22.85		
10	QPSK	50	0	23.08	23.11	23.02		
10	16QAM	1	0	23.07	23.07	23.63	24.5	0.5
10	16QAM	1	25	23.46	22.87	23.56		
10	16QAM	1	49	22.91	23.51	23.11		
10	16QAM	25	0	21.98	21.84	22.06	23.5	1.5
10	16QAM	25	12	21.97	21.98	22.11		
10	16QAM	25	25	22	22.04	22.05		
10	16QAM	50	0	21.92	22.06	21.9		
10	64QAM	1	0	22.18	22.32	22.27	23.5	1.5
10	64QAM	1	25	22.38	22.15	22.32		
10	64QAM	1	49	21.82	22.11	22.16		
10	64QAM	25	0	20.99	21.18	20.99	22.5	2.5
10	64QAM	25	12	21.1	20.96	21.07		
10	64QAM	25	25	20.94	21.11	20.98		
10	64QAM	50	0	20.92	21.01	21.04		
10	256QAM	1	0	19.19	19.24	19.30	20.5	4.5
10	256QAM	1	25	19.32	19.38	19.46		
10	256QAM	1	49	19.28	19.30	19.35		
10	256QAM	25	0	19.17	19.29	19.33	20.5	4.5
10	256QAM	25	12	19.25	19.09	19.28		
10	256QAM	25	25	19.23	19.24	19.33		
10	256QAM	50	0	19.20	19.34	19.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.88	23.99	23.94	25	0
5	QPSK	1	12	23.58	23.59	23.44		
5	QPSK	1	24	23.51	23.57	23.32		
5	QPSK	12	0	23.22	23.21	23.01	24.5	0.5
5	QPSK	12	7	22.93	23.09	22.94		
5	QPSK	12	13	23.11	23.12	22.88		
5	QPSK	25	0	23.12	23.13	23.03		
5	16QAM	1	0	23.07	23	23.58	24.5	0.5
5	16QAM	1	12	23.48	22.91	23.55		
5	16QAM	1	24	22.9	23.53	23.2		
5	16QAM	12	0	21.9	21.87	22.09	23.5	1.5
5	16QAM	12	7	21.96	21.98	22.07		
5	16QAM	12	13	21.98	22.14	21.99		
5	16QAM	25	0	21.88	22.02	21.89		
5	64QAM	1	0	22.22	22.31	22.29	23.5	1.5
5	64QAM	1	12	22.38	22.19	22.33		
5	64QAM	1	24	21.81	22.14	22.1		
5	64QAM	12	0	21.01	21.07	20.98	22.5	2.5
5	64QAM	12	7	21.18	20.98	21.05		
5	64QAM	12	13	20.99	21.2	21.07		
5	64QAM	25	0	21.03	21.02	21.04		
5	256QAM	1	0	19.25	19.22	19.27	20.5	4.5
5	256QAM	1	12	19.27	19.42	19.50		
5	256QAM	1	24	19.23	19.32	19.36		
5	256QAM	12	0	19.13	19.22	19.28	20.5	4.5
5	256QAM	12	7	19.21	19.00	19.29		
5	256QAM	12	13	19.27	19.22	19.27		
5	256QAM	25	0	19.21	19.26	19.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.92	23.99	23.92	25	0
3	QPSK	1	8	23.49	23.64	23.46		
3	QPSK	1	14	23.44	23.6	23.38		
3	QPSK	8	0	23.14	23.26	22.98	24.5	0.5
3	QPSK	8	4	22.99	23.04	22.93		
3	QPSK	8	7	23.1	23.13	22.93		
3	QPSK	15	0	23.1	23.02	23		
3	16QAM	1	0	23.12	23.05	23.58	24.5	0.5
3	16QAM	1	8	23.44	22.96	23.56		
3	16QAM	1	14	22.88	23.51	23.13		
3	16QAM	8	0	21.93	21.84	22.06	23.5	1.5
3	16QAM	8	4	21.97	21.97	22.11		
3	16QAM	8	7	22	22.14	22		
3	16QAM	15	0	21.97	21.99	21.9		
3	64QAM	1	0	22.24	22.32	22.29	23.5	1.5
3	64QAM	1	8	22.36	22.19	22.26		
3	64QAM	1	14	21.77	22.12	22.19		
3	64QAM	8	0	20.96	21.14	20.98	22.5	2.5
3	64QAM	8	4	21.15	20.98	21.01		
3	64QAM	8	7	21.1	21.12	20.96		
3	64QAM	15	0	20.99	21	21.04		
3	256QAM	1	0	19.18	19.22	19.36	20.5	4.5
3	256QAM	1	8	19.29	19.34	19.54		
3	256QAM	1	14	19.29	19.34	19.39		
3	256QAM	8	0	19.13	19.24	19.29	20.5	4.5
3	256QAM	8	4	19.24	19.07	19.28		
3	256QAM	8	7	19.32	19.25	19.24		
3	256QAM	15	0	19.20	19.26	19.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.91	24	23.94	25	0
1.4	QPSK	1	3	23.57	23.65	23.51		
1.4	QPSK	1	5	23.44	23.49	23.39		
1.4	QPSK	3	0	23.87	24.01	23.98		
1.4	QPSK	3	1	23.62	23.67	23.48		
1.4	QPSK	3	3	23.47	23.44	23.76		
1.4	QPSK	6	0	23.11	23.03	22.96	24.5	0.5
1.4	16QAM	1	0	23.09	23.03	23.63	24.5	0.5
1.4	16QAM	1	3	23.43	22.88	23.59		
1.4	16QAM	1	5	22.89	23.53	23.16		
1.4	16QAM	3	0	23.14	22.99	23.68		
1.4	16QAM	3	1	23.38	22.85	23.57		
1.4	16QAM	3	3	22.93	23.56	23.12		
1.4	16QAM	6	0	21.97	22.03	21.83	23.5	1.5
1.4	64QAM	1	0	22.16	22.31	22.33	23.5	1.5
1.4	64QAM	1	3	22.39	22.22	22.25		
1.4	64QAM	1	5	21.82	22.11	22.12		
1.4	64QAM	3	0	22.16	22.34	22.35		
1.4	64QAM	3	1	22.37	22.26	22.23		
1.4	64QAM	3	3	21.82	22.13	22.09		
1.4	64QAM	6	0	21.03	21.01	20.96	22.5	2.5
1.4	256QAM	1	0	19.21	19.36	19.32	20.5	4.5
1.4	256QAM	1	3	19.33	19.36	19.45		
1.4	256QAM	1	5	19.27	19.28	19.36		
1.4	256QAM	3	0	19.12	19.23	19.26		
1.4	256QAM	3	1	19.20	19.11	19.28		
1.4	256QAM	3	3	19.28	19.16	19.33		
1.4	256QAM	6	0	19.22	19.27	19.32	20.5	4.5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.75	19.78	19.65	21	0
20	QPSK	1	49	19.66	19.66	19.62		
20	QPSK	1	99	19.69	19.64	19.56		
20	QPSK	50	0	19.47	19.57	19.55	21	0
20	QPSK	50	24	19.44	19.54	19.56		
20	QPSK	50	50	19.45	19.54	19.54		
20	16QAM	100	0	19.53	19.54	19.53	21	0
20	16QAM	1	0	19.67	19.75	19.77		
20	16QAM	1	49	19.77	19.77	19.71		
20	16QAM	1	99	19.61	19.62	19.62		
20	16QAM	50	0	18.58	19.59	19.53	21	0
20	16QAM	50	24	19.69	19.65	19.66		
20	16QAM	50	50	19.66	19.64	19.54		
20	16QAM	100	0	19.61	19.62	19.59		
20	64QAM	1	0	19.58	19.65	19.63	21	0
20	64QAM	1	49	19.53	19.76	19.77		
20	64QAM	1	99	19.53	19.60	19.59		
20	64QAM	50	0	19.62	19.57	19.62	21	0
20	64QAM	50	24	19.62	19.58	19.61		
20	64QAM	50	50	19.56	19.58	19.58		
20	64QAM	100	0	19.54	19.57	19.58		
20	256QAM	1	0	19.28	19.31	19.34	20.5	0.5
20	256QAM	1	49	19.32	19.64	19.55		
20	256QAM	1	99	19.50	19.58	19.51		
20	256QAM	50	0	19.37	19.45	19.21		
20	256QAM	50	24	19.32	19.34	19.33		
20	256QAM	50	50	19.37	19.39	19.31		
20	256QAM	100	0	19.25	19.36	19.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.73	19.70	19.61	21	0
15	QPSK	1	37	19.64	19.58	19.57		
15	QPSK	1	74	19.61	19.54	19.55		
15	QPSK	36	0	19.36	19.44	19.46	21	0
15	QPSK	36	20	19.33	19.47	19.43		
15	QPSK	36	39	19.38	19.45	19.52		
15	QPSK	75	0	19.49	19.50	19.51		
15	16QAM	1	0	19.54	19.68	19.70	21	0
15	16QAM	1	37	19.62	19.75	19.68		
15	16QAM	1	74	19.56	19.53	19.49		
15	16QAM	36	0	19.46	19.57	19.41	21	0
15	16QAM	36	20	19.45	19.56	19.54		
15	16QAM	36	39	19.54	19.52	19.47		
15	16QAM	75	0	19.53	19.54	19.47		
15	64QAM	1	0	19.47	19.63	19.58	21	0
15	64QAM	1	37	19.58	19.73	19.68		
15	64QAM	1	74	19.49	19.53	19.55		
15	64QAM	36	0	19.51	19.49	19.53	21	0
15	64QAM	36	20	19.49	19.47	19.56		
15	64QAM	36	39	19.54	19.47	19.48		
15	64QAM	75	0	19.52	19.51	19.55		
15	256QAM	1	0	19.38	19.34	19.31	20.5	0.5
15	256QAM	1	37	19.45	19.61	19.53		
15	256QAM	1	74	19.46	19.47	19.49		
15	256QAM	36	0	19.47	19.47	19.17		
15	256QAM	36	20	19.13	19.33	19.26	20.5	0.5
15	256QAM	36	39	19.26	19.27	19.19		
15	256QAM	75	0	19.27	19.34	19.31		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.68	19.71	19.59	21	0
10	QPSK	1	25	19.63	19.49	19.53		
10	QPSK	1	49	19.60	19.51	19.53		
10	QPSK	25	0	19.36	19.48	19.52	21	0
10	QPSK	25	12	19.37	19.46	19.51		
10	QPSK	25	25	19.36	19.44	19.42		
10	QPSK	50	0	19.46	19.43	19.44		
10	16QAM	1	0	19.57	19.72	19.74	21	0
10	16QAM	1	25	19.69	19.69	19.62		
10	16QAM	1	49	19.54	19.58	19.60		
10	16QAM	25	0	19.55	19.56	19.44	21	0
10	16QAM	25	12	19.55	19.54	19.54		
10	16QAM	25	25	19.47	19.51	19.48		
10	16QAM	50	0	19.52	19.50	19.54		
10	64QAM	1	0	19.65	19.67	19.56	21	0
10	64QAM	1	25	19.68	19.73	19.71		
10	64QAM	1	49	19.41	19.55	19.50		
10	64QAM	25	0	19.44	19.54	19.51	21	0
10	64QAM	25	12	19.57	19.56	19.53		
10	64QAM	25	25	19.52	19.45	19.49		
10	64QAM	50	0	19.44	19.47	19.45		
10	256QAM	1	0	19.18	19.27	19.32	20.5	0.5
10	256QAM	1	25	19.43	19.61	19.47		
10	256QAM	1	49	19.43	19.40	19.48		
10	256QAM	25	0	19.27	19.39	19.16	20.5	0.5
10	256QAM	25	12	19.06	19.30	19.23		
10	256QAM	25	25	19.25	19.36	19.26		
10	256QAM	50	0	19.14	19.34	19.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.68	19.70	19.60	21	0
5	QPSK	1	12	19.60	19.63	19.53		
5	QPSK	1	24	19.56	19.61	19.53		
5	QPSK	12	0	19.39	19.48	19.50	21	0
5	QPSK	12	7	19.37	19.48	19.43		
5	QPSK	12	13	19.39	19.52	19.45		
5	QPSK	25	0	19.50	19.42	19.43		
5	16QAM	1	0	19.58	19.64	19.72	21	0
5	16QAM	1	12	19.73	19.67	19.63		
5	16QAM	1	24	19.54	19.47	19.49		
5	16QAM	12	0	19.50	19.49	19.49	21	0
5	16QAM	12	7	19.58	19.52	19.60		
5	16QAM	12	13	19.50	19.59	19.47		
5	16QAM	25	0	19.50	19.58	19.47		
5	64QAM	1	0	19.56	19.52	19.56	21	0
5	64QAM	1	12	19.61	19.68	19.70		
5	64QAM	1	24	19.51	19.55	19.55		
5	64QAM	12	0	19.57	19.49	19.49	21	0
5	64QAM	12	7	19.59	19.46	19.52		
5	64QAM	12	13	19.51	19.46	19.40		
5	64QAM	25	0	19.47	19.51	19.49		
5	256QAM	1	0	19.26	19.26	19.32	20.5	0.5
5	256QAM	1	12	19.41	19.51	19.52		
5	256QAM	1	24	19.42	19.48	19.44		
5	256QAM	12	0	19.33	19.34	19.19	20.5	0.5
5	256QAM	12	7	19.16	19.35	19.25		
5	256QAM	12	13	19.27	19.27	19.27		
5	256QAM	25	0	19.13	19.38	19.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.71	19.78	19.60	21	0
3	QPSK	1	8	19.54	19.60	19.56		
3	QPSK	1	14	19.66	19.55	19.49		
3	QPSK	8	0	19.35	19.44	19.44	21	0
3	QPSK	8	4	19.31	19.47	19.50		
3	QPSK	8	7	19.40	19.52	19.47		
3	QPSK	15	0	19.49	19.52	19.41		
3	16QAM	1	0	19.58	19.69	19.68	21	0
3	16QAM	1	8	19.69	19.72	19.63		
3	16QAM	1	14	19.48	19.58	19.53		
3	16QAM	8	0	19.48	19.56	19.46	21	0
3	16QAM	8	4	19.61	19.58	19.57		
3	16QAM	8	7	19.51	19.58	19.44		
3	16QAM	15	0	19.50	19.59	19.46		
3	64QAM	1	0	19.51	19.62	19.50	21	0
3	64QAM	1	8	19.49	19.75	19.75		
3	64QAM	1	14	19.48	19.54	19.56		
3	64QAM	8	0	19.48	19.49	19.48	21	0
3	64QAM	8	4	19.49	19.53	19.48		
3	64QAM	8	7	19.51	19.53	19.54		
3	64QAM	15	0	19.48	19.54	19.48		
3	256QAM	1	0	19.18	19.24	19.24	20.5	0.5
3	256QAM	1	8	19.37	19.60	19.50		
3	256QAM	1	14	19.47	19.45	19.39		
3	256QAM	8	0	19.35	19.42	19.19	20.5	0.5
3	256QAM	8	4	19.29	19.46	19.29		
3	256QAM	8	7	19.35	19.35	19.27		
3	256QAM	15	0	19.12	19.26	19.22		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.73	19.71	19.62	21	0
1.4	QPSK	1	3	19.62	19.59	19.56		
1.4	QPSK	1	5	19.57	19.55	19.47		
1.4	QPSK	3	0	19.35	19.51	19.49	21	0
1.4	QPSK	3	1	19.36	19.41	19.51		
1.4	QPSK	3	3	19.31	19.45	19.45		
1.4	QPSK	6	0	19.42	19.51	19.43	21	0
1.4	16QAM	1	0	19.54	19.62	19.71	21	0
1.4	16QAM	1	3	19.61	19.63	19.63		
1.4	16QAM	1	5	19.59	19.58	19.52		
1.4	16QAM	3	0	19.50	19.53	19.48		
1.4	16QAM	3	1	19.63	19.55	19.56		
1.4	16QAM	3	3	19.54	19.44	19.44		
1.4	16QAM	6	0	19.55	19.54	19.48	21	0
1.4	64QAM	1	0	19.45	19.56	19.60	21	0
1.4	64QAM	1	3	19.59	19.75	19.75		
1.4	64QAM	1	5	19.46	19.55	19.52		
1.4	64QAM	3	0	19.50	19.44	19.56		
1.4	64QAM	3	1	19.57	19.50	19.52		
1.4	64QAM	3	3	19.52	19.44	19.53		
1.4	64QAM	6	0	19.52	19.46	19.46	21	0
1.4	256QAM	1	0	19.23	19.20	19.30	20.5	0.5
1.4	256QAM	1	3	19.41	19.59	19.49		
1.4	256QAM	1	5	19.40	19.46	19.46		
1.4	256QAM	3	0	19.27	19.36	19.10		
1.4	256QAM	3	1	19.15	19.28	19.25		
1.4	256QAM	3	3	19.25	19.27	19.21		
1.4	256QAM	6	0	19.23	19.25	19.31	20.5	0.5

Band 4_Ant 0

BW [MHz]	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	22.33	22.89	22.45	24	0
20	QPSK	1	49	22.36	22.10	22.12		
20	QPSK	1	99	22.03	22.06	22.34		
20	QPSK	50	0	21.23	21.47	21.45	23	1
20	QPSK	50	24	21.25	21.28	21.26		
20	QPSK	50	50	21.04	21.17	21.16		
20	QPSK	100	0	21.26	21.38	21.37		
20	16QAM	1	0	21.48	22.11	21.40	23	1
20	16QAM	1	49	21.35	21.10	21.81		
20	16QAM	1	99	21.55	21.81	21.32		
20

Band 4_Ant 2

BW [MHz]	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	22.06	22.08	22.04		
20	QPSK	1	49	22.04	22.06	22.03	23	0
20	QPSK	1	99	22.02	22.04	22.04		
20	QPSK	50	0	22.02	22.06	22.04		
20	QPSK	50	24	21.94	22.04	21.99	23	0
20	QPSK	50	50	21.95	21.99	21.95		
20	QPSK	100	0	21.97	22.00	21.96		
20	16QAM	1	0	21.9	21.97	22.01		
20	16QAM	1	49	21.87	21.84	21.79	23	0
20	16QAM	1	99	21.82	22.01	21.98		
20	16QAM	50	0	21.65	21.7	21.68		
20	16QAM	50	24	21.71	21.67	21.61	23	0
20	16QAM	50	50	21.45	21.51	21.41		
20	16QAM	100	0	21.64	21.65	21.63		
20	64QAM	1	0	21.95	21.94	21.87		
20	64QAM	1	49	21.93	22	21.94	23	0
20	64QAM	1	99	21.59	21.56	21.52		
20	64QAM	50	0	21.12	21.48	21.44		
20	64QAM	50	24	21.43	21.41	21.55	22.5	0.5
20	64QAM	50	50	21.29	21.31	21.34		
20	64QAM	100	0	21.34	21.4	21.49		
20	256QAM	1	0	19.55	19.66	19.55		
20	256QAM	1	49	19.37	19.56	19.43	20.5	2.5
20	256QAM	1	99	19.58	19.75	19.74		
20	256QAM	50	0	19.34	19.53	19.40		
20	256QAM	50	24	19.59	19.64	19.55	20.5	2.5
20	256QAM	50	50	19.47	19.56	19.41		
20	256QAM	100	0	19.59	19.66	19.65		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.98	22.03	22.02		
15	QPSK	1	37	21.96	21.97	21.93	23	0
15	QPSK	1	74	21.96	21.95	22		
15	QPSK	36	0	21.89	21.95	21.92		
15	QPSK	36	20	21.92	21.91	21.95	23	0
15	QPSK	36	39	21.94	21.87	21.89		
15	QPSK	75	0	21.95	21.88	21.85		
15	16QAM	1	0	21.79	21.94	21.9		
15	16QAM	1	37	21.72	21.77	21.77	23	0
15	16QAM	1	74	21.99	21.9	21.91		
15	16QAM	36	0	21.59	21.87	21.64		
15	16QAM	36	20	21.69	21.65	21.54	23	0
15	16QAM	36	39	21.43	21.44	21.29		
15	16QAM	75	0	21.52	21.62	21.56		
15	64QAM	1	0	21.91	21.89	21.79		
15	64QAM	1	37	21.95	21.96	21.85	23	0
15	64QAM	1	74	21.51	21.5	21.47		
15	64QAM	36	0	20.56	20.86	20.92		
15	64QAM	36	20	20.92	20.87	21.01	22.5	0.5
15	64QAM	36	39	20.68	20.7	20.74		
15	64QAM	75	0	20.76	20.8	20.94		
15	256QAM	1	0	19.50	19.56	19.45		
15	256QAM	1	37	19.31	19.53	19.31	20.5	2.5
15	256QAM	1	74	19.56	19.73	19.61		
15	256QAM	36	0	19.26	19.43	19.27		
15	256QAM	36	20	19.52	19.69	19.51	20.5	2.5
15	256QAM	36	39	19.39	19.45	19.31		
15	256QAM	75	0	19.51	19.57	19.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.03	22.03	21.98		
10	QPSK	1	25	21.92	21.97	21.95	23	0
10	QPSK	1	49	21.98	21.97	21.95		
10	QPSK	25	0	21.93	21.93	21.99		
10	QPSK	25	12	21.9	21.93	21.91	23	0
10	QPSK	25	25	21.92	21.86	21.86		
10	QPSK	50	0	21.88	21.93	21.95		
10	16QAM	1	0	21.86	21.93	21.94		
10	16QAM	1	25	21.71	21.72	21.72	23	0
10	16QAM	1	49	21.95	22	21.9		
10	16QAM	25	0	21.57	21.66	21.65		
10	16QAM	25	12	21.6	21.64	21.51	23	0
10	16QAM	25	25	21.4	21.49	21.31		
10	16QAM	50	0	21.53	21.6	21.52		
10	64QAM	1	0	21.9	21.89	21.75		
10	64QAM	1	25	21.93	21.89	21.82	23	0
10	64QAM	1	49	21.53	21.5	21.48		
10	64QAM	25	0	20.49	20.91	20.87		
10	64QAM	25	12	20.85	20.82	20.97	22.5	0.5
10	64QAM	25	25	20.76	20.76	20.71		
10	64QAM	50	0	20.81	20.82	20.91		
10	256QAM	1	0	19.52	19.62	19.51		
10	256QAM	1	25	19.31	19.51	19.37	20.5	2.5
10	256QAM	1	49	19.52	19.63	19.62		
10	256QAM	25	0	19.32	19.40	19.35		
10	256QAM	25	12	19.46	19.52	19.42	20.5	2.5
10	256QAM	25	25	19.43	19.48	19.38		
10	256QAM	50	0	19.51	19.59	19.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.04	22.02	22		
5	QPSK	1	12	21.98	21.93	21.9	23	0
5	QPSK	1	24	21.93	21.93	22.01		
5	QPSK	12	0	21.99	22.04	21.92		
5	QPSK	12	7	21.85	21.92	21.89	23	0
5	QPSK	12	13	21.92	21.87	21.89		
5	QPSK	25	0	21.95	21.96	21.87		
5	16QAM	1	0	21.86	21.91	21.98		
5	16QAM	1	12	21.68	21.73	21.76	23	0
5	16QAM	1	24	21.9	21.9	21.96		
5	16QAM	12	0	21.52	21.68	21.56		
5	16QAM	12	7	21.58	21.54	21.51	23	0
5	16QAM	12	13	21.39	21.39	21.34		
5	16QAM	25	0	21.56	21.55	21.55		
5	64QAM	1	0	21.82	21.88	21.85		
5	64QAM	1	12	21.92	21.94	21.86	23	0
5	64QAM	1	24	21.51	21.46	21.48		
5	64QAM	12	0	21.01	21.46	21.34		
5	64QAM	12	7	21.36	21.39	21.49	22.5	0.5
5	64QAM	12	13	21.19	21.28	21.28		
5	64QAM	25	0	21.25	21.32	21.47		
5	256QAM	1	0	19.42	19.65	19.46		
5	256QAM	1	12	19.29	19.52	19.36	20.5	2.5
5	256QAM	1	24	19.34	19.56	19.71		
5	256QAM	12	0	19.27	19.42	19.38		
5	256QAM	12	7	19.46	19.59	19.42	20.5	2.5
5	256QAM	12	13	19.34	19.50	19.51		
5	256QAM	25	0	19.57	19.61	19.53		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.01	22.02	22.02		
3	QPSK	1	8	21.91	22.02	21.95	23	0
3	QPSK	1	14	21.94	21.92	22.02		
3	QPSK	8	0	21.9	21.95	22		
3	QPSK	8	4	21.85	21.96	21.97	23	0
3	QPSK	8	7	21.84	21.97	21.87		
3	QPSK	15	0	21.91	21.92	21.87		
3	16QAM	1	0	21.76	21.91	21.92		
3	16QAM	1	8	21.76	21.73	21.76	23	0
3	16QAM	1	14	21.9	21.82	21.91		
3	16QAM	8	0	21.57	21.62	21.66		
3	16QAM	8	4	21.61	21.62	21.53	23	0
3	16QAM	8	7	21.33	21.4	21.31		
3	16QAM	15	0	21.54	21.55	21.58		
3	64QAM	1	0	21.82	21.92	21.84		
3	64QAM	1	8	21.86	21.91	21.84	23	0
3	64QAM	1	14	21.57	21.46	21.41		
3	64QAM	8	0	21.1	21.46	21.42		
3	64QAM	8	4	21.4	21.3	21.48	22.5	0.5
3	64QAM	8	7	21.24	21.27	21.25		
3	64QAM	15	0	21.3	21.37	21.41		
3	256QAM	1	0	19.42	19.61	19.49		
3	256QAM	1	8	19.26	19.53	19.36	20.5	2.5
3	256QAM	1	14	19.53	19.69	19.70		
3	256QAM	8	0	19.26	19.43	19.30		
3	256QAM	8	4	19.49	19.55	19.52	20.5	2.5
3	256QAM	8	7	19.45	19.52	19.39		
3	256QAM	15	0	19.50	19.56	19.57		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22	22.03	22		
1.4	QPSK	1	3	21.95	22.04	21.91		
1.4	QPSK	1	5	22	21.97	21.91	23	0
1.4	QPSK	3	0	21.95	22.03	21.96		
1.4	QPSK	3	1	21.88	21.91	21.94		
1.4	QPSK	3	3	21.88	21.96	21.87		
1.4	QPSK	6	0	21.87	21.98	21.85	23	0
1.4	16QAM	1	0	21.88	21.86	21.95		
1.4	16QAM	1	3	21.72	21.82	21.76		
1.4	16QAM	1	5	21.88	21.92	21.95	23	0
1.4	16QAM	3	0	21.53	21.66	21.61		
1.4	16QAM	3	1	21.58	21.63	21.55		
1.4	16QAM	3	3	21.36	21.49	21.37		
1.4	16QAM	6	0	21.61	21.63	21.6	23	0
1.4	64QAM	1	0	21.89	21.82	21.79		
1.4	64QAM	1	3	21.92	21.95	21.81		
1.4	64QAM	1	5	21.53	21.47	21.44	23	0
1.4	64QAM	3	0	21.87	21.77	21.82		
1.4	64QAM	3	1	21.89	22	21.85		
1.4	64QAM	3	3	21.58	21.51	21.48		
1.4	64QAM	6	0	21.25	21.34	21.43	22.5	0.5
1.4	256QAM	1	0	19.43	19.66	19.47		
1.4	256QAM	1	3	19.24	19.54	19.40		
1.4	256QAM	1	5	19.50	19.63	19.66	20.5	2.5
1.4	256QAM	3	0	19.24	19.47	19.31		
1.4	256QAM	3	1	19.48	19.55	19.49		
1.4	256QAM	3	3	19.42	19.50	19.33		
1.4	256QAM	6	0	19.48	19.57	19.56	20.5	2.5

Band 4_Ant 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.08	20.21	20.16		
20	QPSK	1	49	20.10	20.20	20.11	21.5	0
20	QPSK	1	99	20.09	20.18	20.08		
20	QPSK	50	0	20.09	20.18	20.02		
20	QPSK	50	24	19.91	20.11	19.95	21.5	0
20	QPSK	50	50	20.05	20.17	20.07		
20	QPSK	100	0	19.96	20.11	20.06		
20	16QAM	1	0	20.07	20.12	20.10		
20	16QAM	1	49	20.04	20.18	20.08	21.5	0
20	16QAM	1	99	20.10	20.18	20.13		
20	16QAM	50	0	19.87	20.06	19.86		
20	16QAM	50	24	19.99	20.14	20.08	21.5	0
20	16QAM	50	50	20.09	20.18	20.04		
20	16QAM	100	0	19.99	20.10	19.92		
20	64QAM	1	0	19.93	20.11	20.03		
20	64QAM	1	49	19.98	20.17	20.07	21.5	0
20	64QAM	1	99	20.15	20.19	20.16		
20	64QAM	50	0	19.94	20.05	19.97		
20	64QAM	50	24	20.02	20.10	19.93	21.5	0
20	64QAM	50	50	20.08	20.20	20.15		
20	64QAM	100	0	19.88	20.08	19.99		
20	256QAM	1	0	18.98	19.20	19.08		
20	256QAM	1	49	19.11	19.31	19.13	20	1.5
20	256QAM	1	99	19.28	19.42	19.28		
20	256QAM	50	0	18.95	19.08	18.95		
20	256QAM	50	24	19.07	19.21	19.02	20	1.5
20	256QAM	50	50	19.10	19.21	19.12		
20	256QAM	100	0	19.07	19.14	18.98		
Channel				20000	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.01	20.14	20.1		
15	QPSK	1	37	20.06	20.13	20.08	21.5	0
15	QPSK	1	74	19.99	20.09	19.99		
15	QPSK	36	0	20.01	20.07	19.91		
15	QPSK	36	20	19.76	20.07	19.91	21.5	0
15	QPSK	36	39	20.02	20.1	19.97		
15	QPSK	75	0	19.96	20.01	20.01		
15	16QAM	1	0	20.02	20.01	20.06		
15	16QAM	1	37	20.02	20.12	19.98	21.5	0
15	16QAM	1	74	20.01	20.06	20.08		
15	16QAM	36	0	19.79	19.98	19.82		
15	16QAM	36	20	19.92	20.07	20.04	21.5	0
15	16QAM	36	39	20.03	20.1	19.92		
15	16QAM	75	0	19.91	20.04	19.83		
15	64QAM	1	0	19.88	20	19.94		
15	64QAM	1	37	19.91	20.12	19.96	21.5	0
15	64QAM	1	74	20.1	20.13	20.04		
15	64QAM	36	0	19.84	20	19.94		
15	64QAM	36	20	19.92	20.01	19.86	21.5	0
15	64QAM	36	39	19.97	20.07	20.05		
15	64QAM	75	0	19.8	20.01	19.92		
15	256QAM	1	0	18.96	19.07	19.04		
15	256QAM	1	37	19.02	19.20	19.02	20	1.5
15	256QAM	1	74	19.20	19.39	19.18		
15	256QAM	36	0	18.91	19.01	18.92		
15	256QAM	36	20	18.99	19.16	18.93	20	1.5
15	256QAM	36	39	19.02	19.08	19.08		
15	256QAM	75	0	18.97	19.01	18.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.03	20.18	20.10		
10	QPSK	1	25	19.98	20.17	20.01	21.5	0
10	QPSK	1	49	19.98	20.05	20.02		
10	QPSK	25	0	20.00	20.09	19.95		
10	QPSK	25	12	19.97	20.07	19.93	21.5	0
10	QPSK	25	25	20.03	20.12	20.01		
10	QPSK	50	0	19.87	19.99	20.00		
10	16QAM	1	0	20.00	20.04	20.05		
10	16QAM	1	25	19.95	20.12	19.95	21.5	0
10	16QAM	1	49	20.01	19.99	20.05		
10	16QAM	25	0	19.75	20.04	19.81		
10	16QAM	25	12	19.93	20.02	20.02	21.5	0
10	16QAM	25	25	20.01	20.15	19.97		
10	16QAM	50	0	19.91	19.99	19.80		
10	64QAM	1	0	19.83	20.01	19.91		
10	64QAM	1	25	19.90	20.14	19.96	21.5	0
10	64QAM	1	49	20.12	20.12	20.08		
10	64QAM	25	0	19.81	19.93	19.86		
10	64QAM	25	12	19.91	20.06	19.83	21.5	0
10	64QAM	25	25	20.05	20.11	20.10		
10	64QAM	50	0	19.83	19.92	19.92		
10	256QAM	1	0	18.96	19.12	18.98		
10	256QAM	1	25	19.00	19.20	19.02	20	1.5
10	256QAM	1	49	19.16	19.34	19.23		
10	256QAM	25	0	18.83	18.95	18.85		
10	256QAM	25	12	18.87	19.09	18.93	20	1.5
10	256QAM	25	25	19.01	19.11	19.01		
10	256QAM	50	0	19.01	19.12	18.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.07	20.17	20.02		
5	QPSK	1	12	20.07	20.13	20.02	21.5	0
5	QPSK	1	24	20.01	20.07	19.98		
5	QPSK	12	0	20.01	20.08	19.96		
5	QPSK	12	7	19.84	20.09	19.90	21.5	0
5	QPSK	12	13	19.98	20.13	20.03		
5	QPSK	25	0	19.95	20.00	19.94		
5	16QAM	1	0	19.81	20.03	20.08		
5	16QAM	1	12	19.93	20.06	20.05	21.5	0
5	16QAM	1	24	20.07	20.08	20.10		
5	16QAM	12	0	19.81	20.03	19.80		
5	16QAM	12	7	19.89	20.07	20.06	21.5	0
5	16QAM	12	13	19.98	20.15	19.99		
5	16QAM	25	0	19.84	20.07	19.94		
5	64QAM	1	0	19.84	20.00	19.97		
5	64QAM	1	12	19.87	20.06	19.99	21.5	0
5	64QAM	1	24	20.02	20.07	20.07		
5	64QAM	12	0	19.92	19.93	19.84		
5	64QAM	12	7	19.99	19.99	19.90	21.5	0
5	64QAM	12	13	20.00	20.07	20.13		
5	64QAM	25	0	19.83	20.05	19.88		
5	256QAM	1	0	18.85	19.12	18.97		
5	256QAM	1	12	19.02	19.23	19.08	20	1.5
5	256QAM	1	24	19.23	19.36	19.24		
5	256QAM	12	0	18.86	19.01	18.91		
5	256QAM	12	7	18.84	19.09	18.90	20	1.5
5	256QAM	12	13	19.00	19.09	18.99		
5	256QAM	25	0	18.95	19.12	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.03	20.19	20.11		
3	QPSK	1	8	20.00	20.12	19.98	21.5	0
3	QPSK	1	14	20.04	20.10	20.03		
3	QPSK	8	0	19.98	20.10	20.00		
3	QPSK	8	4	19.85	20.01	19.88	21.5	0
3	QPSK	8	7	19.96	20.13	19.95		
3	QPSK	15	0	19.93	20.05	19.93		
3	16QAM	1	0	20.00	20.03	20.06		
3	16QAM	1	8	19.92	20.11	20.02	21.5	0
3	16QAM	1	14	19.99	20.02	20.02		
3	16QAM	8	0	19.83	20.03	19.84		
3	16QAM	8	4	19.93	20.07	19.95	21.5	0
3	16QAM	8	7	19.98	20.14	19.96		
3	16QAM	15	0	19.86	20.07	19.85		
3	64QAM	1	0	19.83	19.99	20.00		
3	64QAM	1	8	19.86	20.09	19.93	21.5	0
3	64QAM	1	14	20.13	20.14	20.14		
3	64QAM	8	0	19.84	19.97	19.89		
3	64QAM	8	4	19.98	20.02	19.84	21.5	0
3	64QAM	8	7	20.03	20.15	20.04		
3	64QAM	15	0	19.86	19.99	19.89		
3	256QAM	1	0	18.94	19.07	19.01		
3	256QAM	1	8	19.04	19.21	19.09	20	1.5
3	256QAM	1	14	19.15	19.34	19.19		
3	256QAM	8	0	18.82	18.95	18.84		
3	256QAM	8	4	18.95	19.08	18.95	20	1.5
3	256QAM	8	7	19.02	19.19	19.06		
3	256QAM	15	0	18.96	19.03	18.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.00	20.19	20.09		
1.4	QPSK	1	3	20.08	20.08	20.06		
1.4	QPSK	1	5	19.97	20.16	19.98	21.5	0
1.4	QPSK	3	0	19.98	20.15	20.00		
1.4	QPSK	3	1	19.85	20.07	19.85		
1.4	QPSK	3	3	19.98	20.04	20.01		
1.4	QPSK	6	0	19.96	20.08	19.96	21.5	0
1.4	16QAM	1	0	20.03	20.09	20.02		
1.4	16QAM	1	3	20.00	20.10	20.05		
1.4	16QAM	1	5	20.01	20.08	20.05	21.5	0
1.4	16QAM	3	0	19.86	20.01	19.77		
1.4	16QAM	3	1	19.96	20.04	20.05		
1.4	16QAM	3	3	20.07	20.13	19.94		
1.4	16QAM	6	0	19.87	20.00	19.79	21.5	0
1.4	64QAM	1	0	19.81	20.03	19.98		
1.4	64QAM	1	3	19.92	20.15	19.99		
1.4	64QAM	1	5	20.07	20.15	20.14	21.5	0
1.4	64QAM	3	0	19.85	20.00	19.87		
1.4	64QAM	3	1	20.00	20.06	19.88		
1.4	64QAM	3	3	20.01	20.14	20.04		
1.4	64QAM	6	0	19.81	20.06	19.89	21.5	0
1.4	256QAM	1	0	18.89	19.13	19.06		
1.4	256QAM	1	3	19.06	19.18	19.02		
1.4	256QAM	1	5	19.24	19.38	19.21	20	1.5
1.4	256QAM	3	0	18.86	18.99	18.84		
1.4	256QAM	3	1	18.91	19.08	18.92		
1.4	256QAM	3	3	19.03	19.19	19.06		
1.4	256QAM	6	0	19.00	19.06	18.85	20	1.5

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0

Band 7_Ant 0

BW [MHz]	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	21.1	21.37	21.28		
20	QPSK	1	49	21	21.24	21.33	22.5	0
20	QPSK	1	99	21.01	21.16	21.14		
20	QPSK	50	0	20.62	20.84	20.8		
20	QPSK	50	24	20.58	20.76	20.83	22	0.5
20	QPSK	50	50	20.7	20.81	20.72		
20	QPSK	100	0	20.51	20.81	20.7		
20	16QAM	1	0	20.8	20.27	20.71		
20	16QAM	1	49	21.01	20.7	20.83	22	0.5
20	16QAM	1	99	20.89	21.16	20.93		
20	16QAM	50	0	19.58	19.7	19.68		
20	16QAM	50	24	19.53	19.83	19.83	21	1.5
20	16QAM	50	50	19.73	19.79	19.85		
20	16QAM	100	0	19.61	19.8	19.74		
20	64QAM	1	0	19.23	19.9	20.27		
20	64QAM	1	49	19.9	19.74	20.03	21	1.5
20	64QAM	1	99	20.02	19.87	20.03		
20	64QAM	50	0	18.59	18.7	18.69		
20	64QAM	50	24	18.58	18.79	18.78	20	2.5
20	64QAM	50	50	18.54	18.83	18.7		
20	64QAM	100	0	18.59	18.7	18.81		
20	256QAM	1	0	16.83	16.94	16.77		
20	256QAM	1	49	16.76	16.86	16.65	18	4.5
20	256QAM	1	99	16.84	16.86	16.84		
20	256QAM	50	0	16.55	16.71	16.57		
20	256QAM	50	24	16.66	16.71	16.67	18	4.5
20	256QAM	50	50	16.71	16.83	16.72		
20	256QAM	100	0	16.72	16.74	16.68		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.06	21.33	21.23		
15	QPSK	1	37	20.95	21.16	21.31	22.5	0
15	QPSK	1	74	20.96	21.14	21.01		
15	QPSK	36	0	20.5	20.81	20.73		
15	QPSK	36	20	20.49	20.66	20.78	22	0.5
15	QPSK	36	39	20.66	20.68	20.59		
15	QPSK	75	0	20.43	20.73	20.67		
15	16QAM	1	0	20.77	20.2	20.63		
15	16QAM	1	37	20.98	20.65	20.77	22	0.5
15	16QAM	1	74	20.79	21.09	20.84		
15	16QAM	36	0	19.5	19.65	19.57		
15	16QAM	36	20	19.49	19.7	19.74	21	1.5
15	16QAM	36	39	19.67	19.75	19.77		
15	16QAM	75	0	19.58	19.77	19.71		
15	64QAM	1	0	19.21	19.86	20.24		
15	64QAM	1	37	19.84	19.68	19.95	21	1.5
15	64QAM	1	74	19.99	19.81	19.92		
15	64QAM	36	0	18.46	18.65	18.59		
15	64QAM	36	20	18.52	18.76	18.76	20	2.5
15	64QAM	36	39	18.42	18.81	18.61		
15	64QAM	75	0	18.5	18.66	18.73		
15	256QAM	1	0	16.86	16.89	16.72		
15	256QAM	1	37	16.86	16.82	16.54	18	4.5
15	256QAM	1	74	16.81	16.84	16.73		
15	256QAM	36	0	16.45	16.61	16.47		
15	256QAM	36	20	16.48	16.59	16.56	18	4.5
15	256QAM	36	39	16.60	16.77	16.59		
15	256QAM	75	0	16.53	16.62	16.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565		
10	QPSK	1	0	21.03	21.29	21.23		
10	QPSK	1	25	20.96	21.21	21.27	22.5	0
10	QPSK	1	49	20.97	21.09	21.1		
10	QPSK	25	0	20.52	20.74	20.71		
10	QPSK	25	12	20.48	20.67	20.72	22	0.5
10	QPSK	25	25	20.66	20.74	20.61		
10	QPSK	50	0	20.49	20.68	20.57		
10	16QAM	1	0	20.68	20.22	20.6		
10	16QAM	1	25	20.97	20.61	20.7	22	0.5
10	16QAM	1	49	20.84	21.05	20.83		
10	16QAM	25	0	19.51	19.67	19.58		
10	16QAM	25	12	19.5	19.78	19.74	21	1.5
10	16QAM	25	25	19.62	19.67	19.74		
10	16QAM	50	0	19.52	19.67	19.64		
10	64QAM	1	0	19.1	19.84	20.15		
10	64QAM	1	25	19.86	19.61	19.97	21	1.5
10	64QAM	1	49	19.89	19.83	19.96		
10	64QAM	25	0	18.5	18.64	18.58		
10	64QAM	25	12	18.47	18.74	18.74	20	2.5
10	64QAM	25	25	18.44	18.77	18.62		
10	64QAM	50	0	18.53	18.59	18.69		
10	256QAM	1	0	16.77	16.87	16.65		
10	256QAM	1	25	16.85	16.78	16.59	18	4.5
10	256QAM	1	49	16.72	16.79	16.74		
10	256QAM	25	0	16.43	16.65	16.44		
10	256QAM	25	12	16.56	16.69	16.62	18	4.5
10	256QAM	25	25	16.62	16.80	16.69		
10	256QAM	50	0	16.61	16.67	16.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.02	21.29	21.21		
5	QPSK	1	12	20.97	21.22	21.28	22.5	0
5	QPSK	1	24	20.93	21.06	21.06		
5	QPSK	12	0	20.58	20.8	20.72		
5	QPSK	12	7	20.51	20.88	20.8	22	0.5
5	QPSK	12	13	20.58	20.69	20.62		
5	QPSK	25	0	20.46	20.72	20.6		
5	16QAM	1	0	20.67	20.14	20.64		
5	16QAM	1	12	20.97	20.8	20.8	22	0.5
5	16QAM	1	24	20.87	21.07	20.88		
5	16QAM	12	0	19.46	19.59	19.56		
5	16QAM	12	7	19.4	19.78	19.73	21	1.5
5	16QAM	12	13	19.62	19.75	19.73		
5	16QAM	25	0	19.57	19.73	19.71		
5	64QAM	1	0	19.19	19.87	20.22		
5	64QAM	1	12	19.84	19.72	19.98	21	1.5
5	64QAM	1	24	19.95	19.82	19.99		
5	64QAM	12	0	18.47	18.67	18.59		
5	64QAM	12	7	18.53	18.7	18.7	20	2.5
5	64QAM	12	13	18.44	18.8	18.59		
5	64QAM	25	0	18.53	18.6	18.69		
5	256QAM	1	0	16.74	16.81	16.70		
5	256QAM	1	12	16.65	16.73	16.52	18	4.5
5	256QAM	1	24	16.77	16.81	16.76		
5	256QAM	12	0	16.48	16.63	16.52		
5	256QAM	12	7	16.51	16.66	16.62	18	4.5
5	256QAM	12	13	16.69	16.71	16.68		
5	256QAM	25	0	16.64	16.69	16.66		

Band 7_Ant 1

BW [MHz]	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	15.72	15.89	15.65		
20	QPSK	1	49	15.71	15.88	15.85	17	0
20	QPSK	1	99	15.7	15.87	15.72		
20	QPSK	50	0	15.82	15.85	15.74		
20	QPSK	50	24	15.8	15.81	15.81	17	0
20	QPSK	50	50	15.78	15.83	15.75		
20	QPSK	100	0	15.81	15.83	15.8		
20	16QAM	1	0	15.65	15.84	15.52		
20	16QAM	1	49	15.64	15.77	15.61	17	0
20	16QAM	1	99	15.59	15.78	15.56		
20	16QAM	50	0	15.61	15.81	15.57		
20	16QAM	50	24	15.67	15.83	15.6	17	0
20	16QAM	50	50	15.61	15.76	15.55		
20	16QAM	100	0	15.65	15.8	15.62		
20	64QAM	1	0	15.66	15.8	15.57		
20	64QAM	1	49	15.62	15.86	15.58	17	0
20	64QAM	1	99	15.64	15.78	15.52		
20	64QAM	50	0	15.64	15.86	15.54		
20	64QAM	50	24	15.59	15.77	15.59	17	0
20	64QAM	50	50	15.64	15.86	15.56		
20	64QAM	100	0	15.69	15.76	15.59		
20	256QAM	1	0	15.66	15.76	15.57		
20	256QAM	1	49	15.67	15.79	15.62	17	0
20	256QAM	1	99	15.69	15.77	15.55		
20	256QAM	50	0	15.59	15.80	15.52		
20	256QAM	50	24	15.62	15.82	15.69	17	0
20	256QAM	50	50	15.61	15.82	15.58		
20	256QAM	100	0	15.69	15.86	15.57		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.68	15.83	15.62		
15	QPSK	1	37	15.65	15.83	15.78	17	0
15	QPSK	1	74	15.65	15.79	15.59		
15	QPSK	36	0	15.72	15.78	15.63		
15	QPSK	36	20	15.67	15.72	15.76	17	0
15	QPSK	36	39	15.72	15.81	15.62		
15	QPSK	75	0	15.77	15.75	15.73		
15	16QAM	1	0	15.56	15.81	15.49		
15	16QAM	1	37	15.6	15.68	15.49	17	0
15	16QAM	1	74	15.57	15.67	15.54		
15	16QAM	36	0	15.49	15.71	15.55		
15	16QAM	36	20	15.54	15.7	15.49	17	0
15	16QAM	36	39	15.59	15.74	15.42		
15	16QAM	75	0	15.53	15.68	15.58		
15	64QAM	1	0	15.63	15.78	15.51		
15	64QAM	1	37	15.55	15.84	15.58	17	0
15	64QAM	1	74	15.61	15.76	15.45		
15	64QAM	36	0	15.6	15.74	15.41		
15	64QAM	36	20	15.47	15.72	15.56	17	0
15	64QAM	36	39	15.57	15.73	15.54		
15	64QAM	75	0	15.6	15.71	15.47		
15	256QAM	1	0	15.53	15.65	15.47		
15	256QAM	1	37	15.64	15.75	15.59	17	0
15	256QAM	1	74	15.57	15.66	15.50		
15	256QAM	36	0	15.55	15.78	15.47		
15	256QAM	36	20	15.50	15.76	15.55	17	0
15	256QAM	36	39	15.52	15.76	15.45		
15	256QAM	75	0	15.56	15.76	15.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.66	15.81	15.59		
10	QPSK	1	25	15.59	15.84	15.63	17	0
10	QPSK	1	49	15.58	15.79	15.67		
10	QPSK	25	0	15.71	15.72	15.61		
10	QPSK	25	12	15.71	15.71	15.71	17	0
10	QPSK	25	25	15.68	15.7	15.73		
10	QPSK	50	0	15.68	15.75	15.7		
10	16QAM	1	0	15.55	15.72	15.41		
10	16QAM	1	25	15.52	15.68	15.49	17	0
10	16QAM	1	49	15.56	15.74	15.47		
10	16QAM	25	0	15.54	15.69	15.48		
10	16QAM	25	12	15.84	15.55	15.49	17	0
10	16QAM	25	25	15.52	15.67	15.49		
10	16QAM	50	0	15.52	15.76	15.5		
10	64QAM	1	0	15.8	15.68	15.44		
10	64QAM	1	25	15.49	15.82	15.55	17	0
10	64QAM	1	49	15.51	15.65	15.42		
10	64QAM	25	0	15.57	15.81	15.44		
10	64QAM	25	12	15.46	15.71	15.54	17	0
10	64QAM	25	25	15.56	15.79	15.48		
10	64QAM	50	0	15.57	15.81	15.54		
10	256QAM	1	0	15.53	15.71	15.51		
10	256QAM	1	25	15.61	15.68	15.54	17	0
10	256QAM	1	49	15.56	15.68	15.42		
10	256QAM	25	0	15.47	15.70	15.45		
10	256QAM	25	12	15.54	15.79	15.54	17	0
10	256QAM	25	25	15.52	15.70	15.47		
10	256QAM	50	0	15.65	15.76	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.68	15.85	15.58		
5	QPSK	1	12	15.64	15.82	15.8	17	0
5	QPSK	1	24	15.62	15.79	15.67		
5	QPSK	12	0	15.69	15.8	15.71		
5	QPSK	12	7	15.76	15.76	15.72	17	0
5	QPSK	12	13	15.67	15.74	15.71		
5	QPSK	25	0	15.69	15.74	15.78		
5	16QAM	1	0	15.62	15.46	15.64		
5	16QAM	1	12	15.57	15.69	15.57	17	0
5	16QAM	1	24	15.5	15.69	15.54		
5	16QAM	12	0	15.55	15.59	15.55		
5	16QAM	12	7	15.8	15.71	15.5	17	0
5	16QAM	12	13	15.56	15.65	15.49		
5	16QAM	25	0	15.61	15.67	15.52		
5	64QAM	1	0	15.61	15.67	15.48		
5	64QAM	1	12	15.55	15.77	15.45	17	0
5	64QAM	1	24	15.6	15.74	15.5		
5	64QAM	12	0	15.57	15.8	15.43		
5	64QAM	12	7	15.49	15.74	15.57	17	0
5	64QAM	12	13	15.55	15.84	15.43		
5	64QAM	25	0	15.6	15.66	15.48		
5	256QAM	1	0	15.55	15.71	15.46		
5	256QAM	1	12	15.54	15.74	15.55	17	0
5	256QAM	1	24	15.58	15.71	15.46		
5	256QAM	12	0	15.58	15.71	15.39		
5	256QAM	12	7	15.56	15.80	15.55	17	0
5	256QAM	12	13	15.49	15.79	15.55		
5	256QAM	25	0	15.58	15.84	15.45		

Band 7_Ant 2

BW [MHz]	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	21.59	21.78	21.54		
20	QPSK	1	49	21.61	21.62	21.57	22.5	0
20	QPSK	1	99	21.57	21.63	21.51		
20	QPSK	50	0	21.6	21.73	21.51		
20	QPSK	50	24	21.58	21.63	21.54	22.5	0
20	QPSK	50	50	21.54	21.66	21.56		
20	QPSK	100	0	21.45	21.68	21.54		
20	16QAM	1	0	21.61	21.69	21.58		
20	16QAM	1	49	21.8	21.64	21.55	22.5	0
20	16QAM	1	99	21.56	21.67	21.52		
20	16QAM	50	0	21.58	21.64	21.52		
20	16QAM	50	24	21.57	21.67	21.56	22.5	0
20	16QAM	50	50	21.58	21.65	21.58		
20	16QAM	100	0	21.59	21.68	21.53		
20	64QAM	1	0	21.59	21.67	21.58		
20	64QAM	1	49	21.6	21.62	21.51	22.5	0
20	64QAM	1	99	21.61	21.62	21.57		
20	64QAM	50	0	21.55	21.63	21.52		
20	64QAM	50	24	21.55	21.69	21.52	22.5	0
20	64QAM	50	50	21.54	21.66	21.51		
20	64QAM	100	0	21.54	21.65	21.51		
20	256QAM	1	0	19.56	19.68	19.48		
20	256QAM	1	49	19.72	19.92	19.75	20.5	2
20	256QAM	1	99	19.53	19.59	19.59		
20	256QAM	50	0	19.35	19.55	19.44		
20	256QAM	50	24	19.53	19.61	19.53	20.5	2
20	256QAM	50	50	19.83	19.69	19.50		
20	256QAM	100	0	19.51	19.55	19.47		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.51	21.75	21.52		
15	QPSK	1	37	21.57	21.53	21.55	22.5	0
15	QPSK	1	74	21.5	21.5	21.49		
15	QPSK	36	0	21.47	21.64	21.47		
15	QPSK	36	20	21.52	21.57	21.47	22.5	0
15	QPSK	36	39	21.42	21.6	21.52		
15	QPSK	75	0	21.45	21.56	21.51		
15	16QAM	1	0	21.51	21.56	21.45		
15	16QAM	1	37	21.53	21.52	21.48	22.5	0
15	16QAM	1	74	21.54	21.55	21.43		
15	16QAM	36	0	21.54	21.55	21.47		
15	16QAM	36	20	21.44	21.61	21.49	22.5	0
15	16QAM	36	39	21.5	21.61	21.51		
15	16QAM	75	0	21.57	21.61	21.5		
15	64QAM	1	0	21.56	21.62	21.53		
15	64QAM	1	37	21.57	21.55	21.49	22.5	0
15	64QAM	1	74	21.49	21.53	21.53		
15	64QAM	36	0	21.47	21.57	21.49		
15	64QAM	36	20	21.44	21.67	21.45	22.5	0
15	64QAM	36	39	21.51	21.61	21.46		
15	64QAM	75	0	21.44	21.53	21.48		
15	256QAM	1	0	19.47	19.56	19.46		
15	256QAM	1	37	19.64	19.90	19.69	20.5	2
15	256QAM	1	74	19.48	19.52	19.56		
15	256QAM	36	0	19.29	19.49	19.36		
15	256QAM	36	20	19.49	19.57	19.40	20.5	2
15	256QAM	36	39	19.59	19.63	19.38		
15	256QAM	75	0	19.40	19.49	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.75	21.48		
10	QPSK	1	25	21.51	21.5	21.52	22.5	0
10	QPSK	1	49	21.41	21.54	21.39		
10	QPSK	25	0	21.56	21.68	21.47		
10	QPSK	25	12	21.55	21.59	21.44	22.5	0
10	QPSK	25	25	21.52	21.53	21.52		
10	QPSK	50	0	21.42	21.64	21.49		
10	16QAM	1	0	21.5	21.57	21.5		
10	16QAM	1	25	21.47	21.52	21.5	22.5	0
10	16QAM	1	49	21.44	21.64	21.47		
10	16QAM	25	0	21.52	21.58	21.4		
10	16QAM	25	12	21.53	21.65	21.49	22.5	0
10	16QAM	25	25	21.45	21.54	21.53		
10	16QAM	50	0	21.53	21.62	21.42		
10	64QAM	1	0	21.56	21.57	21.47		
10	64QAM	1	25	21.47	21.55	21.46	22.5	0
10	64QAM	1	49	21.59	21.53	21.51		
10	64QAM	25	0	21.52	21.61	21.42		
10	64QAM	25	12	21.5	21.63	21.44	22.5	0
10	64QAM	25	25	21.52	21.62	21.49		
10	64QAM	50	0	21.44	21.58	21.46		
10	256QAM	1	0	19.50	19.59	19.45		
10	256QAM	1	25	19.69	19.81	19.73	20.5	2
10	256QAM	1	49	19.46	19.40	19.55		
10	256QAM	25	0	19.24	19.51	19.32		
10	256QAM	25	12	19.47	19.56	19.45	20.5	2
10	256QAM	25	25	19.53	19.60	19.44		
10	256QAM	50	0	19.40	19.47	19.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.53	21.75	21.48		
5	QPSK	1	12	21.54	21.56	21.46	22.5	0
5	QPSK	1	24	21.53	21.59	21.39		
5	QPSK	12	0	21.56	21.69	21.43		
5	QPSK	12	7	21.55	21.61	21.52	22.5	0
5	QPSK	12	13	21.49	21.56	21.52		
5	QPSK	25	0	21.42	21.58	21.48		
5	16QAM	1	0	21.51	21.45	21.46		
5	16QAM	1	12	21.52	21.62	21.48	22.5	0
5	16QAM	1	24	21.5	21.59	21.47		
5	16QAM	12	0	21.48	21.52	21.3		
5	16QAM	12	7	21.45	21.55	21.47	22.5	0
5	16QAM	12	13	21.46	21.62	21.56		
5	16QAM	25	0	21.56	21.58	21.46		
5	64QAM	1	0	21.48	21.63	21.53		
5	64QAM	1	12	21.55	21.5	21.39	22.5	0
5	64QAM	1	24	21.58	21.58	21.48		
5	64QAM	12	0	21.46	21.58	21.42		
5	64QAM	12	7	21.42	21.58	21.4		
5	64QAM	12	13	21.47	21.6	21.49	22.5	0
5	64QAM	25	0	21.46	21.54	21.43		
5	256QAM	1	0	19.43	19.58	19.43		
5	256QAM	1	12	19.66	19.90	19.62	20.5	2
5	256QAM	1	24	19.49	19.47	19.47		
5	256QAM	12	0	19.24	19.42	19.40		
5	256QAM	12	7	19.42	19.53	19.44	20.5	2
5	256QAM	12	13	19.56	19.57	19.42		
5	256QAM	25	0	19.40	19.42	19.34		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.21	20.27	20.21		
20	QPSK	1	49	20.03	20.17	20.07	21.2	0
20	QPSK	1	99	20.00	20.13	20.04		
20	QPSK	50	0	19.87	20.00	19.90		
20	QPSK	50	24	19.77	19.94	19.86	21.2	0
20	QPSK	50	50	19.77	19.93	19.89		
20	QPSK	100	0	20.00	20.05	19.95		
20	16QAM	1	0	20.22	20.25	20.20		
20	16QAM	1	49	20.06	20.12	19.98	21.2	0
20	16QAM	1	99	19.99	20.15	20.07		
20	16QAM	50	0	19.92	20.04	19.88		
20	16QAM	50	24	19.87	19.97	19.91	21.

Band 12_Ant 0

BW [MHz]	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	24.88	24.98	24.87	25.5	0
10	QPSK	1	25	24.92	24.86	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.94	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.00	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	1	25	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.85	24.75		
5	QPSK	12	0	23.75	23.80	23.71		
5	QPSK	12	7	23.80	23.86	23.80	24.5	1
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.94	21.83	21.72	22.5	3
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	1	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23023	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.86	24.74		
3	QPSK	8	0	23.66	23.81	23.76		
3	QPSK	8	4	23.82	23.84	23.82	24.5	1
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10		
3	16QAM	1	8	24.01	24.04	24.03	24.5	1
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91		
3	16QAM	8	4	22.94	22.82	22.88	23.5	2
3	16QAM	8	7	22.87	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89		
3	64QAM	1	8	22.89	23.03	23.38	23.5	2
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84		
3	64QAM	8	4	21.93	21.91	21.71	22.5	3
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88		
3	256QAM	1	8	20.22	20.36	20.10	20.5	5
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10		
3	256QAM	8	4	19.91	20.04	20.01	20.5	5
3	256QAM	8	7	20.08	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.62	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03		
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88		
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.85	23.5	2
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.83	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93		
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12	20.5	5
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	23.47	23.62	23.37	25	0
10	QPSK	1	25	23.43	23.56	23.36		
10	QPSK	1	49	23.43	23.54	23.37		
10	QPSK	25	0	22.83	23.18	22.74	24.5	0.5
10	QPSK	25	12	22.83	22.98	22.67		
10	QPSK	25	25	22.91	23.02	22.76		
10	QPSK	50	0	22.90	22.95	22.72		
10	16QAM	1	0	22.77	22.80	22.62		
10	16QAM	1	25	22.81	22.81	22.57	24.5	0.5
10	16QAM	1	49	22.78	22.85	22.65		
10	16QAM	25	0	21.92	22.00	21.85		
10	16QAM	25	12	22.13	21.98	21.83	23.5	1.5
10	16QAM	25	25	22.09	22.05	22.03		
10	16QAM	50	0	22.08	21.84	22.03		
10	64QAM	1	0	22.02	22.03	21.77		
10	64QAM	1	25	22.26	22.26	22.10	23.5	1.5
10	64QAM	1	49	22.14	22.18	22.47		
10	64QAM	25	0	20.93	20.97	20.96		
10	64QAM	25	12	21.06	21.00	20.97	22.5	2.5
10	64QAM	25	25	21.08	21.00	21.04		
10	64QAM	50	0	21.05	20.73	21.07		
10	256QAM	1	0	19.46	19.57	19.41		
10	256QAM	1	25	19.72	19.78	19.71	20.5	4.5
10	256QAM	1	49	19.54	19.64	19.53		
10	256QAM	25	0	19.38	19.44	19.33		
10	256QAM	25	12	19.40	19.47	19.40	20.5	4.5
10	256QAM	25	25	19.34	19.46	19.41		
10	256QAM	50	0	19.28	19.43	19.28		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.37	23.55	23.26	25	0
5	QPSK	1	12	23.34	23.48	23.31		
5	QPSK	1	24	23.37	23.56	23.23		
5	QPSK	12	0	22.72	22.82	22.66	24.5	0.5
5	QPSK	12	7	22.77	22.87	22.60		
5	QPSK	12	13	22.81	22.97	22.68		
5	QPSK	25	0	22.84	22.87	22.67		
5	16QAM	1	0	22.67	22.68	22.57		
5	16QAM	1	12	22.68	22.74	22.59	24.5	0.5
5	16QAM	1	24	22.83	22.80	22.53		
5	16QAM	12	0	21.80	21.88	21.70		
5	16QAM	12	7	22.03	21.86	21.72	23.5	1.5
5	16QAM	12	13	22.04	21.90	21.91		
5	16QAM	25	0	21.99	21.78	21.95		
5	64QAM	1	0	21.87	21.94	21.68		
5	64QAM	1	12	22.18	22.12	22.04	23.5	1.5
5	64QAM	1	24	22.09	22.11	22.41		
5	64QAM	12	0	20.82	20.85	20.83		
5	64QAM	12	7	20.95	20.90	20.88	22.5	2.5
5	64QAM	12	13	20.99	20.87	20.98		
5	64QAM	25	0	20.92	20.64	20.99		
5	256QAM	1	0	19.40	19.39	19.26		
5	256QAM	1	12	19.57	19.69	19.60	20.5	4.5
5	256QAM	1	24	19.44	19.48	19.43		
5	256QAM	12	0	19.22	19.34	19.26		
5	256QAM	12	7	19.25	19.34	19.32	20.5	4.5
5	256QAM	12	13	19.24	19.31	19.25		
5	256QAM	25	0	19.16	19.36	19.18		
Channel				-0.05	-0.05	-0.07	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.40	23.48	23.28	25	0
3	QPSK	1	8	23.29	23.42	23.22		
3	QPSK	1	14	23.31	23.55	23.29		
3	QPSK	8	0	22.78	22.82	22.60	24.5	0.5
3	QPSK	8	4	22.68	22.92	22.55		
3	QPSK	8	7	22.85	22.91	22.69		
3	QPSK	15	0	22.82	22.82	22.59		
3	16QAM	1	0	22.72	22.70	22.55		
3	16QAM	1	8	22.78	22.72	22.51	24.5	0.5
3	16QAM	1	14	22.71	22.73	22.57		
3	16QAM	8	0	21.77	21.92	21.75		
3	16QAM	8	4	22.00	21.89	21.89	23.5	1.5
3	16QAM	8	7	22.00	21.94	21.89		
3	16QAM	15	0	22.03	21.89	21.93		
3	64QAM	1	0	21.89	21.92	21.64		
3	64QAM	1	8	22.11	22.16	22.04	23.5	1.5
3	64QAM	1	14	22.00	22.07	22.38		
3	64QAM	8	0	20.84	20.91	20.90		
3	64QAM	8	4	20.91	20.85	20.86	22.5	2.5
3	64QAM	8	7	20.94	20.92	20.94		
3	64QAM	15	0	20.90	20.80	20.99		
3	256QAM	1	0	19.33	19.42	19.31		
3	256QAM	1	8	19.61	19.62	19.58	20.5	4.5
3	256QAM	1	14	19.43	19.51	19.41		
3	256QAM	8	0	19.29	19.29	19.20		
3	256QAM	8	4	19.27	19.34	19.24	20.5	4.5
3	256QAM	8	7	19.26	19.37	19.31		
3	256QAM	15	0	19.15	19.28	19.22		
Channel				-0.14	-0.06	-0.1	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.36	23.51	23.25	25	0
1.4	QPSK	1	3	23.35	23.46	23.29		
1.4	QPSK	1	5	23.33	23.52	23.22		
1.4	QPSK	3	0	23.31	23.39	23.11		
1.4	QPSK	3	1	23.20	23.32	23.18		
1.4	QPSK	3	3	23.18	23.45	23.16		
1.4	QPSK	6	0	22.76	22.85	22.67	24.5	0.5
1.4	16QAM	1	0	22.71	22.69	22.55		
1.4	16QAM	1	3	22.73	22.67	22.65		
1.4	16QAM	1	5	22.68	22.80	22.51	24.5	0.5
1.4	16QAM	3	0	22.56	22.64	22.50		
1.4	16QAM	3	1	22.68	22.58	22.53		
1.4	16QAM	3	3	22.55	22.75	22.68		
1.4	16QAM	6	0	21.94	21.71	21.91	23.5	1.5
1.4	64QAM	1	0	21.91	21.89	21.70		
1.4	64QAM	1	3	22.21	22.18	21.97		
1.4	64QAM	1	5	22.03	22.10	22.36	23.5	1.5
1.4	64QAM	3	0	21.78	21.83	21.56		
1.4	64QAM	3	1	22.09	22.05	21.91		
1.4	64QAM	3	3	21.97	22.05	22.27		
1.4	64QAM	6	0	21.00	20.59	21.00	22.5	2.5
1.4	256QAM	1	0	19.32	19.43	19.29		
1.4	256QAM	1	3	19.60	19.67	19.63		
1.4	256QAM	1	5	19.48	19.54	19.40	20.5	4.5
1.4	256QAM	3	0	19.22	19.31	19.17		
1.4	256QAM	3	1	19.24	19.32	19.26		
1.4	256QAM	3	3	19.26	19.38	19.24		
1.4	256QAM	6	0	19.11	19.32	19.12	20.5	4.5

Band 13_Ant 0

BW [MHz]	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		25.03		25.5	0
10	QPSK	1	25		25.00			
10	QPSK	1	49		25.02			
10	QPSK	25	0		24.02		24.5	1
10	QPSK	25	12		23.98			
10	QPSK	25	25		23.99			
10	QPSK	50	0		23.98			
10	16QAM	1	0		24.42			
10	16QAM	1	25		24.50		24.5	1
10	16QAM	1	49		24.29			
10	16QAM	25	0		22.89			
10	16QAM	25	12		23.01		23.5	2
10	16QAM	25	25		23.07			
10	16QAM	50	0		22.96			
10	64QAM	1	0		22.80			
10	64QAM	1	25		23.12		23.5	2
10	64QAM	1	49		23.08			
10	64QAM	25	0		21.87			
10	64QAM	25	12		21.93		22.5	3
10	64QAM	25	25		22.07			
10	64QAM	50	0		21.94			
10	256QAM	1	0		20.39			
10	256QAM	1	25		19.90		20.5	5
10	256QAM	1	49		20.22			
10	256QAM	25	0		19.93			
10	256QAM	25	12		20.31		20.5	5
10	256QAM	25	25		20.30			
10	256QAM	50	0		20.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.91	24.89	24.89	25.5	0
5	QPSK	1	12	24.88	24.85	24.91		
5	QPSK	1	24	24.88	24.93	24.89		
5	QPSK	12	0	23.92	23.94	23.88	24.5	1
5	QPSK	12	7	23.86	23.86	23.86		
5	QPSK	12	13	23.80	23.90	23.81		
5	QPSK	25	0	23.89	23.84	23.86		
5	16QAM	1	0	24.29	24.23	24.32		
5	16QAM	1	12	24.36	24.31	24.37	24.5	1
5	16QAM	1	24	24.19	24.20	24.21		
5	16QAM	12	0	22.72	22.79	22.81		
5	16QAM	12	7	22.90	22.92	22.83	23.5	2
5	16QAM	12	13	22.94	22.90	22.99		
5	16QAM	25	0	22.88	22.83	22.88		
5	64QAM	1	0	23.02	23.06	23.09		
5	64QAM	1	12	23.33	23.37	23.33	23.5	2
5	64QAM	1	24	22.92	22.92	22.98		
5	64QAM	12	0	21.74	21.70	21.69		
5	64QAM	12	7	21.82	21.79	21.79	22.5	3
5	64QAM	12	13	21.94	21.98	21.99		
5	64QAM	25	0	21.77	21.80	21.81		
5	256QAM	1	0	20.23	20.29	20.25		
5	256QAM	1	12	20.14	20.14	20.12	20.5	5
5	256QAM	1	24	20.05	20.10	20.11		
5	256QAM	12	0	20.16	20.16	20.24		
5	256QAM	12	7	20.23	20.17	20.19	20.5	5
5	256QAM	12	13	20.13	20.11	20.15		
5	256QAM	25	0	20.08	20.14	20.07		

Band 13_Ant 1

BW [MHz]	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		24.24		25.5	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.18			
10	QPSK	25	0		23.32		24.5	1
10	QPSK	25	12		23.20			
10	QPSK	25	25		23.28			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.77			
10	16QAM	1	25		23.77		24.5	1
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.13			
10	16QAM	25	12		22.17		23.5	2
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.34			
10	64QAM	1	25		22.93		23.5	2
10	64QAM	1	49		22.56			
10	64QAM	25	0		21.13			
10	64QAM	25	12		21.30		22.5	3
10	64QAM	25	25		21.14			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.84		20.5	5
10	256QAM	1	49		19.82			
10	256QAM	25	0		19.72			
10	256QAM	25	12		19.67		20.5	5
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.02	24.07	25.5	0
5	QPSK	1	12	24.05	24.06	24.01		
5	QPSK	1	24	23.99	24.05	24.02		
5	QPSK	12	0	23.14	23.17	23.17	24.5	1
5	QPSK	12	7	23.06	23.02	23.05		
5	QPSK	12	13	23.05	23.13	23.05		
5	QPSK	25	0	23.08	23.00	23.04		
5	16QAM	1	0	23.61	23.60	23.62		
5	16QAM	1	12	23.57	23.54	23.52	24.5	1
5	16QAM	1	24	23.43	23.44	23.44		
5	16QAM	12	0	22.04	22.00	22.08	23.5	2
5	16QAM	12	7	22.08	22.03	22.03		
5	16QAM	12	13	22.11	22.10	22.02		
5	16QAM	25	0	22.02	22.03	21.99		
5	64QAM	1	0	22.13	22.11	22.18		
5	64QAM	1	12	22.78	22.70	22.73	23.5	2
5	64QAM	1	24	22.35	22.34	22.40		
5	64QAM	12	0	21.08	21.05	20.99		
5	64QAM	12	7	21.15	21.08	21.14	22.5	3
5	64QAM	12	13	21.01	21.05	21.05		
5	64QAM	25	0	21.05	21.06	21.00		
5	256QAM	1	0	19.65	19.58	19.59		
5	256QAM	1	12	19.84	19.69	19.66	20.5	5
5	256QAM	1	24	19.67	19.60	19.60		
5	256QAM	12	0	19.52	19.51	19.52		
5	256QAM	12	7	19.51	19.50	19.50	20.5	5
5	256QAM	12	13	19.52	19.48	19.51		
5	256QAM	25	0	19.51	19.50	19.49		

Band 17_Ant 0

BW [MHz]	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	24.96	24.97	24.82	25.5	0
10	QPSK	1	25	24.77	24.89	24.85		
10	QPSK	1	49	24.68	24.88	24.91		
10	QPSK	25	0	23.87	23.98	23.92	24.5	1
10	QPSK	25	12	23.91	23.97	23.96		
10	QPSK	25	25	23.90	23.87	23.93		
10	QPSK	50	0	23.91	24.06	24.03		
10	16QAM	1	0	24.04	24.20	24.33	24.5	1
10	16QAM	1	25	24.28	24.67	24.11		
10	16QAM	1	49	24.27	24.36	24.50		
10	16QAM	25	0	23.00	22.92	23.04	23.5	2
10	16QAM	25	12	22.97	23.10	22.88		
10	16QAM	25	25	23.01	22.89	22.98		
10	16QAM	50	0	22.94	23.01	23.02		
10	64QAM	1	0	23.50	23.07	22.71	23.5	2
10	64QAM	1	25	22.85	23.16	22.86		
10	64QAM	1	49	23.28	22.60	23.28		
10	64QAM	25	0	22.00	21.99	21.91	22.5	3
10	64QAM	25	12	22.08	22.08	22.00		
10	64QAM	25	25	21.93	21.92	21.91		
10	64QAM	50	0	22.01	22.02	22.00		
10	256QAM	1	0	20.36	20.41	20.33	20.5	5
10	256QAM	1	25	20.26	20.42	20.34		
10	256QAM	1	49	20.05	20.15	20.04		
10	256QAM	25	0	20.23	20.29	20.14	20.5	5
10	256QAM	25	12	20.24	20.35	20.28		
10	256QAM	25	25	20.23	20.28	20.18		
10	256QAM	50	0	20.25	20.31	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.82	24.91	24.71	25.5	0
5	QPSK	1	12	24.66	24.74	24.71		
5	QPSK	1	24	24.57	24.80	24.84		
5	QPSK	12	0	23.78	23.85	23.82	24.5	1
5	QPSK	12	7	23.82	23.81	23.88		
5	QPSK	12	13	23.79	23.76	23.81		
5	QPSK	25	0	23.79	23.92	23.92		
5	16QAM	1	0	23.91	24.05	24.26	24.5	1
5	16QAM	1	12	24.18	24.55	24.01		
5	16QAM	1	24	24.21	24.31	24.40		
5	16QAM	12	0	22.93	22.76	22.96	23.5	2
5	16QAM	12	7	22.85	22.95	22.77		
5	16QAM	12	13	22.95	22.83	22.89		
5	16QAM	25	0	22.83	22.85	22.90		
5	64QAM	1	0	23.43	23.02	22.63	23.5	2
5	64QAM	1	12	22.70	23.00	22.76		
5	64QAM	1	24	23.13	22.47	23.14		
5	64QAM	12	0	21.89	21.93	21.82	22.5	3
5	64QAM	12	7	21.93	22.02	21.87		
5	64QAM	12	13	21.86	21.77	21.76		
5	64QAM	25	0	21.87	21.87	21.89		
5	256QAM	1	0	20.20	20.31	20.20	20.5	5
5	256QAM	1	12	20.18	20.37	20.27		
5	256QAM	1	24	19.93	20.02	19.99		
5	256QAM	12	0	20.17	20.21	20.03	20.5	5
5	256QAM	12	7	20.16	20.21	20.22		
5	256QAM	12	13	20.17	20.16	20.02		
5	256QAM	25	0	20.14	20.15	20.12		

Band 17_Ant 1

BW [MHz]	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	23.59	23.74	23.45	25	0
10	QPSK	1	25	23.73	23.51	23.52		
10	QPSK	1	49	23.68	23.67	23.72		
10	QPSK	25	0	23.14	23.27	23.14	24.5	0.5
10	QPSK	25	12	23.20	23.18	23.12		
10	QPSK	25	25	23.23	23.26	23.13		
10	QPSK	50	0	23.29	23.30	23.21		
10	16QAM	1	0	23.65	23.01	23.36	24.5	0.5
10	16QAM	1	25	23.35	23.24	23.40		
10	16QAM	1	49	23.61	23.35	23.49		
10	16QAM	25	0	22.23	22.12	22.16	23.5	1.5
10	16QAM	25	12	22.46	22.28	22.04		
10	16QAM	25	25	22.25	22.23	22.18		
10	16QAM	50	0	22.21	22.29	22.27		
10	64QAM	1	0	22.51	22.49	22.53	23.5	1.5
10	64QAM	1	25	22.25	22.30	22.51		
10	64QAM	1	49	22.59	22.24	22.45		
10	64QAM	25	0	21.20	21.19	21.16	22.5	2.5
10	64QAM	25	12	21.25	21.24	21.13		
10	64QAM	25	25	21.18	21.23	21.24		
10	64QAM	50	0	21.27	21.28	21.32		
10	256QAM	1	0	19.50	19.58	19.47	20.5	4.5
10	256QAM	1	25	19.56	19.78	19.60		
10	256QAM	1	49	19.50	19.52	19.45		
10	256QAM	25	0	19.42	19.43	19.42	20.5	4.5
10	256QAM	25	12	19.50	19.57	19.51		
10	256QAM	25	25	19.43	19.53	19.37		
10	256QAM	50	0	19.53	19.62	19.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.69	23.38	25	0
5	QPSK	1	12	23.60	23.44	23.44		
5	QPSK	1	24	23.65	23.81	23.69		
5	QPSK	12	0	23.11	23.17	23.04	24.5	0.5
5	QPSK	12	7	23.15	23.15	23.05		
5	QPSK	12	13	23.15	23.13	23.05		
5	QPSK	25	0	23.17	23.20	23.10		
5	16QAM	1	0	23.53	22.95	23.25	24.5	0.5
5	16QAM	1	12	23.24	23.13	23.31		
5	16QAM	1	24	23.59	23.33	23.40		
5	16QAM	12	0	22.20	22.06	22.13	23.5	1.5
5	16QAM	12	7	22.33	22.22	21.94		
5	16QAM	12	13	22.18	22.14	22.07		
5	16QAM	25	0	22.09	22.26	22.16		
5	64QAM	1	0	22.46	22.37	22.42	23.5	1.5
5	64QAM	1	12	22.23	22.24	22.44		
5	64QAM	1	24	22.44	22.13	22.42		
5	64QAM	12	0	21.08	21.16	21.05	22.5	2.5
5	64QAM	12	7	21.21	21.17	21.07		
5	64QAM	12	13	21.08	21.12	21.14		
5	64QAM	25	0	21.23	21.18	21.23		
5	256QAM	1	0	19.40	19.52	19.42	20.5	4.5
5	256QAM	1	12	19.44	19.70	19.54		
5	256QAM	1	24	19.37	19.42	19.40		
5	256QAM	12	0	19.35	19.33	19.30	20.5	4.5
5	256QAM	12	7	19.43	19.47	19.49		
5	256QAM	12	13	19.39	19.51	19.28		
5	256QAM	25	0	19.51	19.54	19.36		

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.42	21.52	21.43	22.5	0
20	QPSK	1	49	21.36	21.46	21.34		
20	QPSK	1	99	21.35	21.45	21.38		
20	QPSK	50	0	21.37	21.46	21.38		
20	QPSK	50	24	21.30	21.41	21.31		
20	QPSK	50	50	21.30	21.40	21.31		
20	QPSK	100	0	21.32	21.38	21.32		
20	16QAM	1	0	21.31	21.39	21.33	22.5	0
20	16QAM	1	49	21.30	21.36	21.29		
20	16QAM	1	99	21.31	21.39	21.32		
20	16QAM	50	0	21.31	21.37	21.32		
20	16QAM	50	24	21.31	21.35	21.28		
20	16QAM	50	50	21.29	21.36	21.31		
20	16QAM	100	0	21.32	21.38	21.29		
20	64QAM	1	0	21.27	21.26	21.25	22.5	0
20	64QAM	1	49	21.22	21.27	21.25		
20	64QAM	1	99	21.28	21.28	21.24		
20	64QAM	50	0	21.30	21.36	21.35		
20	64QAM	50	24	21.29	21.39	21.33		
20	64QAM	50	50	21.33	21.34	21.29		
20	64QAM	100	0	21.32	21.39	21.34		
20	256QAM	1	0	19.61	19.67	19.47	20.5	2
20	256QAM	1	49	19.48	19.54	19.44		
20	256QAM	1	99	19.67	20.08	19.92		
20	256QAM	50	0	19.44	19.52	19.43	20.5	2
20	256QAM	50	24	19.58	19.57	19.45		
20	256QAM	50	50	19.62	19.67	19.59		
20	256QAM	100	0	19.67	19.63	19.56		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.37	21.5	21.37	22.5	0
15	QPSK	1	37	21.25	21.36	21.31		
15	QPSK	1	74	21.22	21.38	21.35		
15	QPSK	36	0	21.25	21.31	21.26		
15	QPSK	36	20	21.21	21.35	21.19		
15	QPSK	36	39	21.22	21.31	21.27		
15	QPSK	75	0	21.22	21.26	21.2		
15	16QAM	1	0	21.23	21.36	21.29	22.5	0
15	16QAM	1	37	21.21	21.34	21.24		
15	16QAM	1	74	21.29	21.32	21.22		
15	16QAM	36	0	21.23	21.26	21.28		
15	16QAM	36	20	21.22	21.28	21.18		
15	16QAM	36	39	21.19	21.28	21.24		
15	16QAM	75	0	21.26	21.31	21.16		
15	64QAM	1	0	21.17	21.18	21.23	22.5	0
15	64QAM	1	37	21.09	21.14	21.14		
15	64QAM	1	74	21.23	21.16	21.16		
15	64QAM	36	0	21.21	21.26	21.33		
15	64QAM	36	20	21.24	21.31	21.25		
15	64QAM	36	39	21.2	21.27	21.19		
15	64QAM	75	0	21.3	21.33	21.21		
15	256QAM	1	0	19.54	19.61	19.35	20.5	2
15	256QAM	1	37	19.43	19.59	19.38		
15	256QAM	1	74	19.65	20.00	19.88		
15	256QAM	36	0	19.37	19.41	19.31		
15	256QAM	36	20	19.51	19.48	19.41		
15	256QAM	36	39	19.51	19.55	19.53		
15	256QAM	75	0	19.52	19.53	19.48		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.36	21.46	21.36	22.5	0
10	QPSK	1	25	21.3	21.38	21.21		
10	QPSK	1	49	21.24	21.42	21.34		
10	QPSK	25	0	21.31	21.37	21.3		
10	QPSK	25	12	21.26	21.33	21.27		
10	QPSK	25	25	21.17	21.37	21.23		
10	QPSK	50	0	21.23	21.25	21.26		
10	16QAM	1	0	21.28	21.32	21.24	22.5	0
10	16QAM	1	25	21.17	21.27	21.24		
10	16QAM	1	49	21.24	21.34	21.22		
10	16QAM	25	0	21.26	21.25	21.22	22.5	0
10	16QAM	25	12	21.21	21.25	21.21		
10	16QAM	25	25	21.25	21.26	21.27		
10	16QAM	50	0	21.25	21.26	21.27		
10	64QAM	1	0	21.15	21.18	21.16	22.5	0
10	64QAM	1	25	21.19	21.19	21.12		
10	64QAM	1	49	21.22	21.15	21.16		
10	64QAM	25	0	21.23	21.28	21.28		
10	64QAM	25	12	21.16	21.27	21.3	22.5	0
10	64QAM	25	25	21.31	21.31	21.17		
10	64QAM	50	0	21.2	21.36	21.21		
10	256QAM	1	0	19.54	19.65	19.39	20.5	2
10	256QAM	1	25	19.43	19.55	19.41		
10	256QAM	1	49	19.76	20.00	19.87		
10	256QAM	25	0	19.35	19.41	19.36		
10	256QAM	25	12	19.49	19.54	19.35		
10	256QAM	25	25	19.59	19.56	19.48		
10	256QAM	50	0	19.58	19.61	19.45		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.34	21.5	21.41	22.5	0
5	QPSK	1	12	21.29	21.35	21.23		
5	QPSK	1	24	21.27	21.32	21.27		
5	QPSK	12	0	21.29	21.32	21.31		
5	QPSK	12	7	21.22	21.33	21.24		
5	QPSK	12	13	21.25	21.38	21.26		
5	QPSK	25	0	21.23	21.28	21.2		
5	16QAM	1	0	21.19	21.34	21.2	22.5	0
5	16QAM	1	12	21.21	21.3	21.22		
5	16QAM	1	24	21.19	21.3	21.25		
5	16QAM	12	0	21.24	21.27	21.23		
5	16QAM	12	7	21.22	21.32	21.16		
5	16QAM	12	13	21.16	21.25	21.23		
5	16QAM	25	0	21.28	21.31	21.2		
5	64QAM	1	0	21.25	21.24	21.2	22.5	0
5	64QAM	1	12	21.13	21.21	21.22		
5	64QAM	1	24	21.16	21.23	21.11		
5	64QAM	12	0	21.28	21.3	21.28	22.5	0
5	64QAM	12	7	21.19	21.26	21.22		
5	64QAM	12	13	21.23	21.29	21.22		
5	64QAM	25	0	21.27	21.32	21.25		
5	256QAM	1	0	19.48	19.56	19.39	20.5	2
5	256QAM	1	12	19.45	19.59	19.35		
5	256QAM	1	24	19.83	20.01	19.79		
5	256QAM	12	0	19.39	19.40	19.32	20.5	2
5	256QAM	12	7	19.49	19.53	19.43		
5	256QAM	12	13	19.57	19.54	19.48		
5	256QAM	25	0	19.58	19.56	19.45		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.34	21.49	21.38	22.5	0
3	QPSK	1	8	21.23	21.39	21.21		
3	QPSK	1	14	21.31	21.38	21.29		
3	QPSK	8	0	21.3	21.36	21.31		
3	QPSK	8	4	21.25	21.3	21.25	22.5	0
3	QPSK	8	7	21.26	21.38	21.24		
3	QPSK	15	0	21.2	21.31	21.21		
3	16QAM	1	0	21.28	21.3	21.25	22.5	0
3	16QAM	1	8	21.25	21.28	21.16		
3	16QAM	1	14	21.22	21.28	21.29		
3	16QAM	8	0	21.25	21.27	21.21		
3	16QAM	8	4	21.25	21.26	21.16	22.5	0
3	16QAM	8	7	21.18	21.31	21.24		
3	16QAM	15	0	21.27	21.32	21.21		
3	64QAM	1	0	21.23	21.19	21.21	22.5	0
3	64QAM	1	8	21.2	21.26	21.17		
3	64QAM	1	14	21.21	21.2	21.2		
3	64QAM	8	0	21.22	21.34	21.29	22.5	0
3	64QAM	8	4	21.16	21.27	21.31		
3	64QAM	8	7	21.26	21.28	21.17		
3	64QAM	15	0	21.28	21.33	21.23		
3	256QAM	1	0	19.57	19.59	19.40	20.5	2
3	256QAM	1	8	19.41	19.51	19.32		
3	256QAM	1	14	19.81	20.04	19.89		
3	256QAM	8	0	19.42	19.41	19.34	20.5	2
3	256QAM	8	4	19.56	19.51	19.34		
3	256QAM	8	7	19.53	19.54	19.51		
3	256QAM	15	0	19.55	19.59	19.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.38	21.48	21.36	22.5	0
1.4	QPSK	1	3	21.29	21.41	21.26		
1.4	QPSK	1	5	21.24	21.35	21.25		
1.4	QPSK	3	0	21.25	21.31	21.29		
1.4	QPSK	3	1	21.17	21.38	21.21		
1.4	QPSK	3	3	21.26	21.37	21.29		
1.4	QPSK	6	0	21.25	21.34	21.28	22.5	0
1.4	16QAM	1	0	21.26	21.3	21.22	22.5	0
1.4	16QAM	1	3	21.25	21.25	21.26		
1.4	16QAM	1	5	21.27	21.34	21.29		
1.4	16QAM	3	0	21.2	21.25	21.21		
1.4	16QAM	3	1	21.26	21.26	21.22		
1.4	16QAM	3	3	21.21	21.26	21.28		
1.4	16QAM	6	0	21.22	21.33	21.23	22.5	0
1.4	64QAM	1	0	21.17	21.24	21.17	22.5	0
1.4	64QAM	1	3	21.18	21.22	21.2		
1.4	64QAM	1	5	21.14	21.18	21.22		
1.4	64QAM	3	0	21.27	21.23	21.27		
1.4	64QAM	3	1	21.27	21.26	21.31		
1.4	64QAM	3	3	21.27	21.23	21.2		
1.4	64QAM	6	0	21.24	21.31	21.23	22.5	0
1.4	256QAM	1	0	19.49	19.56	19.40	20.5	2
1.4	256QAM	1	3	19.45	19.52	19.32		
1.4	256QAM	1	5	19.81	19.98	19.90		
1.4	256QAM	3	0	19.36	19.40	19.41		
1.4	256QAM	3	1	19.46	19.51	19.40		
1.4	256QAM	3	3	19.53	19.63	19.52		
1.4	256QAM	6	0	19.57	19.60	19.50	20.5	2

Band 25_Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.59	20.63	20.57	22	0
20	QPSK	1	49	20.49	20.57	20.52		
20	QPSK	1	99	20.52	20.57	20.48		
20	QPSK	50	0	20.49	20.58	20.47		
20	QPSK	50	24	20.54	20.52	20.46		
20	QPSK	50	50	20.44	20.51	20.50		
20	QPSK	100	0	20.53	20.56	20.50		
20	16QAM	1	0	20.47	20.48	20.45	22	0
20	16QAM	1	49	20.44	20.57	20.48		
20	16QAM	1	99	20.45	20.51	20.49		
20	16QAM	50	0	20.48	20.49	20.48		
20	16QAM	50	24	20.44	20.48	20.42		
20	16QAM	50	50	20.46	20.52	20.52		
20	16QAM	100	0	20.49	20.55	20.48		
20	64QAM	1	0	20.48	20.51	20.48	22	0
20	64QAM	1	49	20.51	20.48	20.52		
20	64QAM	1	99	20.50	20.49	20.46		
20	64QAM	50	0	20.50	20.49	20.51	22	0
20	64QAM	50	24	20.50	20.50	20.48		
20	64QAM	50	50	20.44	20.58	20.42		
20	64QAM	100	0	20.48	20.54	20.51		
20	256QAM	1	0	19.06	19.20	19.07	20.5	1.5
20	256QAM	1	49	19.22	19.34	19.27		
20	256QAM	1	99	19.21	19.40	19.31		
20	256QAM	50	0	19.05	19.12	19.03	20.5	1.5
20	256QAM	50	24	19.15	19.30	19.13		
20	256QAM	50	50	19.22	19.37	19.23		
20	256QAM	100	0	19.16	19.26	19.09		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.49	20.55	20.49	22	0
15	QPSK	1	37	20.36	20.43	20.46		
15	QPSK	1	74	20.37	20.46	20.35		
15	QPSK	36	0	20.34	20.53	20.32	22	0
15	QPSK	36	20	20.40	20.43	20.32		
15	QPSK	36	39	20.35	20.41	20.39		
15	QPSK	75	0	20.38	20.49	20.42		
15	16QAM	1	0	20.38	20.40	20.34	22	0
15	16QAM	1	37	20.38	20.51	20.33		
15	16QAM	1	74	20.30	20.41	20.44		
15	16QAM	36	0	20.37	20.40	20.40		
15	16QAM	36	20	20.33	20.34	20.33		
15	16QAM	36	39	20.38	20.39	20.39		
15	16QAM	75	0	20.44	20.46	20.42		
15	64QAM	1	0	20.42	20.44	20.40	22	0
15	64QAM	1	37	20.39	20.36	20.39		
15	64QAM	1	74	20.36	20.37	20.33		
15	64QAM	36	0	20.41	20.34	20.41		
15	64QAM	36	20	20.43	20.35	20.40		
15	64QAM	36	39	20.32	20.53	20.33		
15	64QAM	75	0	20.33	20.49	20.37		
15	256QAM	1	0	18.88	19.05	18.95	20.5	1.5
15	256QAM	1	37	19.12	19.27	19.13		
15	256QAM	1	74	19.15	19.33	19.16		
15	256QAM	36	0	18.98	19.03	18.97		
15	256QAM	36	20	19.07	19.16	18.96		
15	256QAM	36	39	19.11	19.30	19.12		
15	256QAM	75	0	19.01	19.16	18.97		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.54	20.57	20.51	22	0
10	QPSK	1	25	20.40	20.44	20.39		
10	QPSK	1	49	20.41	20.51	20.43		
10	QPSK	25	0	20.39	20.51	20.33		
10	QPSK	25	12	20.36	20.43	20.31		
10	QPSK	25	25	20.36	20.46	20.41		
10	QPSK	50	0	20.44	20.51	20.35		
10	16QAM	1	0	20.34	20.41	20.32	22	0
10	16QAM	1	25	20.30	20.42	20.36		
10	16QAM	1	49	20.33	20.44	20.41		
10	16QAM	25	0	20.42	20.40	20.35	22	0
10	16QAM	25	12	20.39	20.47	20.46		
10

Band 26_Ant 0

BW [MHz]	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	24.34	24.41	24.24	25	0
15	QPSK	1	37	24.21	24.36	24.15		
15	QPSK	1	74	24.09	24.12	24.24		
15	QPSK	36	0	23.29	23.35	23.20	24	1
15	QPSK	36	20	23.18	23.28	23.28		
15	QPSK	36	39	23.21	23.33	23.09		
15	QPSK	75	0	23.30	23.34	23.19		
15	16QAM	1	0	23.67	23.46	23.63	24	1
15	16QAM	1	37	23.52	23.10	23.66		
15	16QAM	1	74	23.39	23.80	23.47		
15	16QAM	36	0	22.33	22.22	22.34	23	2
15	16QAM	36	20	22.28	22.20	22.24		
15	16QAM	36	39	22.22	22.27	22.13		
15	16QAM	75	0	22.21	22.32	22.22		
15	64QAM	1	0	22.09	22.25	22.60	23	2
15	64QAM	1	37	21.93	21.93	22.25		
15	64QAM	1	74	22.29	22.71	22.47		
15	64QAM	36	0	21.16	21.35	21.17	22	3
15	64QAM	36	20	21.31	21.37	21.26		
15	64QAM	36	39	21.27	21.29	21.28		
15	64QAM	75	0	21.36	21.22	21.27		
15	256QAM	1	0	19.71	19.71	19.65	20	5
15	256QAM	1	37	19.41	19.46	19.46		
15	256QAM	1	74	19.57	19.58	19.63		
15	256QAM	36	0	19.54	19.74	19.58	20	5
15	256QAM	36	20	19.54	19.65	19.54		
15	256QAM	36	39	19.51	19.76	19.58		
15	256QAM	75	0	19.40	19.58	19.44		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.24	24.33	25	0
10	QPSK	1	25	24.19	24.31	24.13		
10	QPSK	1	49	24.13	24.12	24.25		
10	QPSK	25	0	23.18	23.24	23.28	24	1
10	QPSK	25	12	23.30	23.31	23.09		
10	QPSK	25	25	23.34	23.25	23.15		
10	QPSK	50	0	23.38	23.44	23.15		
10	16QAM	1	0	23.54	23.45	23.51	24	1
10	16QAM	1	25	23.52	22.95	23.70		
10	16QAM	1	49	23.09	23.75	23.46		
10	16QAM	25	0	22.33	22.27	22.27	23	2
10	16QAM	25	12	22.38	22.30	22.26		
10	16QAM	25	25	22.17	22.27	22.32		
10	16QAM	50	0	22.35	22.24	22.26		
10	64QAM	1	0	22.10	22.23	22.59	23	2
10	64QAM	1	25	22.05	21.94	22.19		
10	64QAM	1	49	22.28	22.71	22.50		
10	64QAM	25	0	21.27	21.17	21.23	22	3
10	64QAM	25	12	21.19	21.21	21.41		
10	64QAM	25	25	21.44	21.37	21.25		
10	64QAM	50	0	21.40	21.27	21.18		
10	256QAM	1	0	19.76	19.63	19.68	20	5
10	256QAM	1	25	19.55	19.52	19.37		
10	256QAM	1	49	19.64	19.61	19.51		
10	256QAM	25	0	19.47	19.79	19.54	20	5
10	256QAM	25	12	19.47	19.65	19.54		
10	256QAM	25	25	19.54	19.73	19.64		
10	256QAM	50	0	19.44	19.52	19.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.27	24.26	24.16	25	0
5	QPSK	1	12	24.28	24.28	24.15		
5	QPSK	1	24	24.21	24.01	24.16		
5	QPSK	12	0	23.34	23.33	23.11	24	1
5	QPSK	12	7	23.28	23.33	23.14		
5	QPSK	12	13	23.34	23.40	23.17		
5	QPSK	25	0	23.34	23.44	23.20		
5	16QAM	1	0	23.64	23.57	23.60	24	1
5	16QAM	1	12	23.47	22.98	23.75		
5	16QAM	1	24	23.25	23.80	23.50		
5	16QAM	12	0	22.39	22.30	22.25	23	2
5	16QAM	12	7	22.39	22.25	22.23		
5	16QAM	12	13	22.26	22.28	22.35		
5	16QAM	25	0	22.39	22.25	22.26		
5	64QAM	1	0	22.13	22.23	22.57	23	2
5	64QAM	1	12	22.18	21.97	22.34		
5	64QAM	1	24	22.22	22.77	22.53		
5	64QAM	12	0	21.32	21.30	21.12	22	3
5	64QAM	12	7	21.17	21.27	21.32		
5	64QAM	12	13	21.32	21.41	21.37		
5	64QAM	25	0	21.34	21.24	21.24		
5	256QAM	1	0	19.57	19.65	19.56	20	5
5	256QAM	1	12	19.53	19.62	19.50		
5	256QAM	1	24	19.65	19.77	19.57		
5	256QAM	12	0	19.57	19.62	19.66	20	5
5	256QAM	12	7	19.49	19.65	19.57		
5	256QAM	12	13	19.42	19.58	19.54		
5	256QAM	25	0	19.55	19.68	19.60		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.28	24.29	25	0
3	QPSK	1	8	24.23	24.23	24.20		
3	QPSK	1	14	24.19	24.06	24.26		
3	QPSK	8	0	23.29	23.33	23.21	24	1
3	QPSK	8	4	23.21	23.23	23.10		
3	QPSK	8	7	23.23	23.42	23.09		
3	QPSK	15	0	23.28	23.30	23.17		
3	16QAM	1	0	23.57	23.45	23.54	24	1
3	16QAM	1	8	23.52	22.94	23.79		
3	16QAM	1	14	23.12	23.78	23.37		
3	16QAM	8	0	22.32	22.27	22.27	23	2
3	16QAM	8	4	22.29	22.18	22.28		
3	16QAM	8	7	22.12	22.30	22.33		
3	16QAM	15	0	22.26	22.25	22.39		
3	64QAM	1	0	22.15	22.17	22.47	23	2
3	64QAM	1	8	22.03	22.09	22.27		
3	64QAM	1	14	22.26	22.77	22.53		
3	64QAM	8	0	21.22	21.32	21.26	22	3
3	64QAM	8	4	21.17	21.22	21.39		
3	64QAM	8	7	21.42	21.20	21.25		
3	64QAM	15	0	21.39	21.24	21.25		
3	256QAM	1	0	19.71	19.79	19.66	20	5
3	256QAM	1	8	19.37	19.47	19.42		
3	256QAM	1	14	19.57	19.75	19.46		
3	256QAM	8	0	19.45	19.72	19.59	20	5
3	256QAM	8	4	19.60	19.53	19.45		
3	256QAM	8	7	19.56	19.75	19.44		
3	256QAM	15	0	19.56	19.51	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.34	24.27	25	0
1.4	QPSK	1	3	24.05	24.16	24.05		
1.4	QPSK	1	5	23.98	23.86	24.08		
1.4	QPSK	3	0	24.09	24.13	24.15		
1.4	QPSK	3	1	24.06	24.20	24.09		
1.4	QPSK	3	3	23.98	23.95	24.05		
1.4	QPSK	6	0	23.12	23.30	23.17	24	1
1.4	16QAM	1	0	23.47	23.53	23.52	24	1
1.4	16QAM	1	3	23.42	22.97	23.74		
1.4	16QAM	1	5	22.93	23.72	23.27		
1.4	16QAM	3	0	23.48	23.38	23.39		
1.4	16QAM	3	1	23.14	22.84	23.56		
1.4	16QAM	3	3	22.82	23.52	23.18		
1.4	16QAM	6	0	22.26	22.21	22.30	23	2
1.4	64QAM	1	0	22.00	22.11	22.57	23	2
1.4	64QAM	1	3	21.91	21.94	22.25		
1.4	64QAM	1	5	22.03	22.79	22.28		
1.4	64QAM	3	0	22.01	22.16	22.30		
1.4	64QAM	3	1	21.92	21.73	21.99		
1.4	64QAM	3	3	22.04	22.51	22.30		
1.4	64QAM	6	0	21.31	21.17	21.03	22	3
1.4	256QAM	1	0	19.65	19.67	19.52	20	5
1.4	256QAM	1	3	19.27	19.54	19.34		
1.4	256QAM	1	5	19.49	19.50	19.31		
1.4	256QAM	3	0	19.71	20.08	19.95		
1.4	256QAM	3	1	19.50	19.66	19.46		
1.4	256QAM	3	3	19.47	19.47	19.30		
1.4	256QAM	6	0	19.31	19.53	19.33	20	5

Band 26_Ant 1

BW [MHz]	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	21.45	21.58	21.52	23	0
15	QPSK	1	37	21.4	21.4	21.44		
15	QPSK	1	74	21.37	21.36	21.49		
15	QPSK	36	0	21.45	21.36	21.39	23	0
15	QPSK	36	20	21.38	21.36	21.42		
15	QPSK	36	39	21.42	21.36	21.38		
15	QPSK	75	0	21.47	21.43	21.35		
15	16QAM	1	0	21.41	21.34	21.43	23	0
15	16QAM	1	37	21.4	21.38	21.44		
15	16QAM	1	74	21.37	21.41	21.45		
15	16QAM	36	0	21.42	21.4	21.45	23	0
15	16QAM	36	20	21.4	21.39	21.49		
15	16QAM	36	39	21.38	21.37	21.48		
15	16QAM	75	0	21.35	21.37	21.46		
15	64QAM	1	0	21.39	21.33	21.47	23	0
15	64QAM	1	37	21.45	21.43	21.36		
15	64QAM	1	74	21.36	21.38	21.44		
15	64QAM	36	0	21.06	21.18	21.07	22.5	0.5
15	64QAM	36	20	21.14	21.18	21.18		
15	64QAM	36	39	21.05	21.26	21.29		
15	64QAM	75	0	21.13	21.08	21.12		
15	256QAM	1	0	19.31	19.44	19.30	20.5	2.5
15	256QAM	1	37	19.48	19.59	19.45		
15	256QAM	1	74	19.40	19.55	19.42		
15	256QAM	36	0	19.31	19.38	19.22	20.5	2.5
15	256QAM	36	20	19.21	19.32	19.21		
15	256QAM	36	39	19.31	19.42	19.31		
15	256QAM	75	0	19.25	19.41	19.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.38	21.56	21.5	23	0
10	QPSK	1	25	21.38	21.3	21.37		
10	QPSK	1	49	21.32	21.28	21.44		
10	QPSK	25	0	21.32	21.39	21.36	23	0
10	QPSK	25	12	21.35	21.33	21.31		
10	QPSK	25	25	21.36	21.25	21.35		
10	QPSK	50	0	21.3	21.34	21.3		
10	16QAM	1	0	21.29	21.31	21.41	23	0
10	16QAM	1	25	21.29	21.27	21.42		
10	16QAM	1	49	21.31	21.25	21.4		
10	16QAM	25	0	21.36	21.31	21.38	23	0
10	16QAM	25	12	21.32	21.35	21.46		
10	16QAM	25	25	21.29	21.26	21.44		
10	16QAM	50	0	21.27	21.26	21.42		
10	64QAM	1	0	21.33	21.22	21.45	23	0
10	64QAM	1	25	21.36	21.32	21.41		
10	64QAM	1	49	21.29	21.35	21.36		
10	64QAM	25	0	20.99	21.16	20.99	22.5	0.5
10	64QAM	25	12	21.1	21.12	21.13		
10	64QAM	25	25	21	21.21	21.2		
10	64QAM	50	0	21.03	21.03	21.05		
10	256QAM	1	0	19.47	19.32	19.23	20.5	2.5
10	256QAM	1	25	19.42	19.56	19.37		
10	256QAM	1	49	19.28	19.44	19.35		
10	256QAM	25	0	19.29	19.28	19.18	20.5	2.5
10	256QAM	25	12	19.09	19.20	19.15		
10	256QAM	25	25	19.24	19.32	19.29		
10	256QAM	50	0	19.16	19.29	19.26		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.41	21.56	21.45	23	0
5	QPSK	1	12	21.29	21.35	21.36		
5	QPSK	1	24	21.27	21.26	21.46		
5	QPSK	12	0	21.35	21.41	21.3	23	0
5	QPSK	12	7	21.3	21.23	21.3		
5	QPSK	12	13	21.4	21.25	21.35		
5	QPSK	25	0	21.39	21.35	21.32		
5	16QAM	1	0	21.36	21.27	21.36	23	0
5	16QAM	1	12	21.32	21.29	21.34		
5	16QAM	1	24	21.33	21.25	21.38		
5	16QAM	12	0	21.37	21.36	21.33	23	0
5	16QAM	12	7	21.37	21.45	21.36		
5	16QAM	12	13	21.28	21.25	21.45		
5	16QAM	25	0	21.23	21.25	21.39		
5	64QAM	1	0	21.28	21.2	21.43	23	0
5	64QAM	1	12	21.32	21.38	21.44		
5	64QAM	1	24	21.26	21.27	21.31		
5	64QAM	12	0	21.4	21.35	21.05	22.5	0.5
5	64QAM	12	7	21.19	21.1	21.11		
5	64QAM	12	13	20.92	21.2	21.22		
5	64QAM	25	0	21.4	21.05	21.02		
5	256QAM	1	0	19.22	19.37	19.26	20.5	2.5
5	256QAM	1	12	19.42	19.53	19.35		
5	256QAM	1	24	19.38	19.46	19.27		
5	256QAM	12	0	19.25	19.28	19.18	20.5	2.5
5	256QAM	12	7	19.12	19.24	19.16		
5	256QAM	12	13	19.27	19.31	19.24		
5	256QAM	25	0	19.23	19.28	19.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.47	21.52	21.48	23	0
3	QPSK	1	8	21.38	21.28	21.35		
3	QPSK	1	14	21.28	21.27	21.38		
3	QPSK	8	0	21.32	21.41	21.31	23	0
3	QPSK	8	4	21.32	21.24	21.35		
3	QPSK	8	7	21.34	21.34	21.27		
3	QPSK	15	0	21.36	21.34	21.23		
3	16QAM	1	0	21.38	21.35	21.39	23	0
3	16QAM	1	8	21.38	21.35	21.39		
3	16QAM	1	14	21.33	21.29	21.32		
3	16QAM	8	0	19.16	21.34	21.39	23	0
3	16QAM	8	4	21.32	21.28	21.41		
3	16QAM	8	7	21.3	21.28	21.37		
3	16QAM	15	0	21.25	21.35	21.42		
3	64QAM	1	0	21.31	21.3	21.42	23	0
3	64QAM	1	8	21.33	21.37	21.39		
3	64QAM	1	14	21.28	21.34	21.36		
3	64QAM	8	0	20.96	21.09	21.05	22.5	0.5
3	64QAM	8	4	21.1	21.02	21.1		
3	64QAM	8	7	21.3	21.13	21.24		
3	64QAM	15	0	21.03	21.06	21.09		
3	256QAM	1	0	19.24	19.39	19.29	20.5	2.5
3	256QAM	1	8	19.41	19.50	19.36		
3	256QAM	1	14	19.31	19.42	19.34		
3	256QAM	8	0	19.24	19.26	19.18	20.5	2.5
3	256QAM	8	4	19.12	19.25	19.09		
3	256QAM	8	7	19.23	19.35	19.23		
3	256QAM	15	0	19.20	19.31	19.27		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.38	21.56	21.45	23	0
1.4	QPSK	1	3	21.31	21.33	21.34		
1.4	QPSK	1	5	21.29	21.25	21.38		
1.4	QPSK	3	0	21.4	21.45	21.27		
1.4	QPSK	3	1	21.36	21.26	21.33		
1.4	QPSK	3	3	21.34	21.34	21.32		
1.4	QPSK	6	0	21.3	21.34	21.32	23	0
1.4	16QAM	1	0	21.32	21.28	21.41	23	0
1.4	16QAM	1	3	21.31	21.31	21.31		
1.4	16QAM	1	5	21.32	21.45	21.35		
1.4	16QAM	3	0	21.4	21.38	21.38		
1.4	16QAM	3	1	21.28	21.34	21.4		
1.4	16QAM	3	3	21.26	21.34	21.43		
1.4	16QAM	6	0	21.28	21.35	21.43	23	0
1.4	64QAM	1	0	21.28	21.22	21.36	23	0
1.4	64QAM	1	3	21.31	21.37	21.43		
1.4	64QAM	1	5	21.28	21.31	21.32		
1.4	64QAM	3	0	21.31	21.25	21.39		
1.4	64QAM	3	1	21.32	21.38	21.46		
1.4	64QAM	3	3	21.3	21.32	21.34		
1.4	64QAM	6	0	21.05	21.02	21.03	22.5	0.5
1.4	256QAM	1	0	19.29	19.32	19.28	20.5	2.5
1.4	256QAM	1	3	19.38	19.54	19.37		
1.4	256QAM	1	5	19.33	19.44	19.37		
1.4	256QAM	3	0	19.25	19.29	19.09		
1.4	256QAM	3	1	19.18	19.27	19.15		
1.4	256QAM	3	3	19.21	19.36	19.29		
1.4	256QAM	6	0	19.17	19.35	19.22	20.5	2.5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.43	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.30	20.39	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.60	20.35	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.90	19.32		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	19.34	18.34	18.38		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	19.73	19.85	19.71	18	5
20	256QAM	1	49	19.65	19.71	19.55		
20	256QAM	1	99	19.40	19.46	19.37		
20	256QAM	50	0	19.62	19.68	19.60	18	5
20	256QAM	50	24	19.72	19.79	19.21		
20	256QAM	50	50	18.48	18.58	18.49		
20	256QAM	100	0	19.59	19.70	19.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.31	20.21		
15	QPSK	36	39	20.36	20.35	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.36	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.30	19.37		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.36	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	19.49	19.47	19.44	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	19.32	19.33	19.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09	23	0
10	QPSK	1	25	21.07	21.43	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.22	19.15		
10	16QAM	50

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.78	22.08	21.58	23	0
20	QPSK	1	49	21.64	21.94	21.93		
20	QPSK	1	99	21.8	21.99	21.91		
20	QPSK	50	0	21.9	22.05	22.03	23	0
20	QPSK	50	24	21.77	22.03	22.02		
20	QPSK	50	50	21.87	22.01	22.01		
20	QPSK	100	0	21.84	21.93	21.89		
20	16QAM	1	0	22.02	21.98	22.02	23	0
20	16QAM	1	49	22.02	21.98	21.99		
20	16QAM	1	99	21.98	21.99	22.01		
20	16QAM	50	0	21.11	21.81	21.89	22.5	0.5
20	16QAM	50	24	21.39	21.63	21.7		
20	16QAM	50	50	21.37	21.53	21.57		
20	16QAM	100	0	21.39	21.55	21.51		
20	64QAM	1	0	21.62	21.79	22.01	22.5	0.5
20	64QAM	1	49	21.66	21.76	22.01		
20	64QAM	1	99	21.69	21.29	21.97		
20	64QAM	50	0	20.21	20.59	20.75	21.5	1.5
20	64QAM	50	24	20.45	20.56	20.57		
20	64QAM	50	50	20.25	20.49	20.71		
20	64QAM	100	0	20.31	20.5	20.55		
20	256QAM	1	0	18.66	18.80	18.58	19.5	3.5
20	256QAM	1	49	18.85	18.90	18.85		
20	256QAM	1	99	18.59	18.71	18.66		
20	256QAM	50	0	18.54	18.58	18.62	19.5	3.5
20	256QAM	50	24	18.47	18.66	18.51		
20	256QAM	50	50	18.54	18.66	18.57		
20	256QAM	100	0	18.60	18.72	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.76	21.98	21.92	23	0
15	QPSK	1	37	21.53	21.82	21.84		
15	QPSK	1	74	21.67	21.94	21.85		
15	QPSK	36	0	21.87	21.99	21.91	23	0
15	QPSK	36	20	21.7	21.96	21.97		
15	QPSK	36	39	21.76	21.92	21.98		
15	QPSK	75	0	21.79	21.91	21.83		
15	16QAM	1	0	22	21.9	21.97	23	0
15	16QAM	1	37	21.92	21.93	21.86		
15	16QAM	1	74	21.96	21.9	21.98		
15	16QAM	36	0	21.02	21.71	21.56	22.5	0.5
15	16QAM	36	20	21.29	21.52	21.64		
15	16QAM	36	39	21.27	21.47	21.52		
15	16QAM	75	0	21.31	21.48	21.38		
15	64QAM	1	0	21.56	21.72	21.97	22.5	0.5
15	64QAM	1	37	21.53	21.71	21.96		
15	64QAM	1	74	21.59	21.24	21.94		
15	64QAM	36	0	20.19	20.55	20.66	21.5	1.5
15	64QAM	36	20	20.37	20.53	20.46		
15	64QAM	36	39	20.18	20.46	20.61		
15	64QAM	75	0	20.19	20.45	20.51		
15	256QAM	1	0	18.58	18.73	18.54	19.5	3.5
15	256QAM	1	37	18.78	18.78	18.78		
15	256QAM	1	74	18.57	18.59	18.62		
15	256QAM	36	0	18.48	18.45	18.53	19.5	3.5
15	256QAM	36	20	18.39	18.60	18.42		
15	256QAM	36	39	18.45	18.58	18.50		
15	256QAM	75	0	18.49	18.66	18.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.75	21.98	21.92	23	0
10	QPSK	1	25	21.61	21.89	21.82		
10	QPSK	1	49	21.74	21.88	21.81		
10	QPSK	25	0	21.88	21.94	22.01	23	0
10	QPSK	25	12	21.69	21.91	22		
10	QPSK	25	25	21.8	21.91	21.91		
10	QPSK	50	0	21.71	21.91	21.81		
10	16QAM	1	0	21.93	21.95	21.99	23	0
10	16QAM	1	25	21.96	21.85	21.89		
10	16QAM	1	49	21.86	21.86	21.98		
10	16QAM	25	0	21.08	21.74	21.59	22.5	0.5
10	16QAM	25	12	21.33	21.55	21.63		
10	16QAM	25	25	21.27	21.45	21.45		
10	16QAM	50	0	21.3	21.3	21.47		
10	64QAM	1	0	21.51	21.73	21.96	22.5	0.5
10	64QAM	1	25	21.58	21.73	21.97		
10	64QAM	1	49	21.66	21.26	21.88		
10	64QAM	25	0	20.09	20.47	20.63	21.5	1.5
10	64QAM	25	12	20.37	20.48	20.48		
10	64QAM	25	25	20.12	20.42	20.62		
10	64QAM	50	0	20.25	20.41	20.46		
10	256QAM	1	0	18.54	18.78	18.47	19.5	3.5
10	256QAM	1	25	18.72	18.77	18.75		
10	256QAM	1	49	18.53	18.63	18.59		
10	256QAM	25	0	18.50	18.55	18.59	19.5	3.5
10	256QAM	25	12	18.44	18.55	18.45		
10	256QAM	25	25	18.52	18.55	18.50		
10	256QAM	50	0	18.56	18.62	18.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.73	21.98	21.93	23	0
5	QPSK	1	12	21.58	21.88	21.85		
5	QPSK	1	24	21.7	21.87	21.8		
5	QPSK	12	0	21.79	21.93	21.94	23	0
5	QPSK	12	7	21.64	21.95	21.95		
5	QPSK	12	13	21.8	21.95	21.95		
5	QPSK	25	0	21.72	21.86	21.86		
5	16QAM	1	0	21.9	21.9	22	23	0
5	16QAM	1	12	21.99	21.94	21.86		
5	16QAM	1	24	21.96	21.92	21.99		
5	16QAM	12	0	21.05	21.71	21.65	22.5	0.5
5	16QAM	12	7	21.33	21.5	21.57		
5	16QAM	12	13	21.35	21.45	21.46		
5	16QAM	25	0	21.34	21.45	21.49		
5	64QAM	1	0	21.53	21.74	21.94	22.5	0.5
5	64QAM	1	12	21.53	21.72	21.97		
5	64QAM	1	24	21.58	21.27	21.95		
5	64QAM	12	0	20.14	20.46	20.62	21.5	1.5
5	64QAM	12	7	20.36	20.5	20.48		
5	64QAM	12	13	20.14	20.44	20.63		
5	64QAM	25	0	20.19	20.42	20.52		
5	256QAM	1	0	18.63	18.71	18.48	19.5	3.5
5	256QAM	1	12	18.81	18.81	18.76		
5	256QAM	1	24	18.49	18.65	18.60		
5	256QAM	12	0	18.52	18.54	18.49	19.5	3.5
5	256QAM	12	7	18.42	18.61	18.46		
5	256QAM	12	13	18.41	18.60	18.47		
5	256QAM	25	0	18.57	18.70	18.54		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.75	22.01	21.89	23	0
3	QPSK	1	8	21.6	21.82	21.82		
3	QPSK	1	14	21.69	21.88	21.78		
3	QPSK	8	0	21.77	22.02	22.01	23	0
3	QPSK	8	4	21.68	21.95	21.99		
3	QPSK	8	7	21.74	21.98	21.93		
3	QPSK	15	0	21.82	21.87	21.87		
3	16QAM	1	0	21.95	21.85	21.89	23	0
3	16QAM	1	8	21.96	21.96	21.86		
3	16QAM	1	14	21.9	21.97	21.94		
3	16QAM	8	0	21.04	21.78	21.61	22.5	0.5
3	16QAM	8	4	21.26	21.51	21.58		
3	16QAM	8	7	21.26	21.47	21.46		
3	16QAM	15	0	21.29	21.44	21.38		
3	64QAM	1	0	21.55	21.71	21.9	22.5	0.5
3	64QAM	1	8	21.62	21.69	21.91		
3	64QAM	1	14	21.66	21.17	21.93		
3	64QAM	8	0	20.1	20.46	20.68	21.5	1.5
3	64QAM	8	4	20.33	20.5	20.52		
3	64QAM	8	7	20.16	20.47	20.62		
3	64QAM	15	0	20.22	20.37	20.49		
3	256QAM	1	0	18.57	18.77	18.45	19.5	3.5
3	256QAM	1	8	18.74	18.81	18.74		
3	256QAM	1	14	18.46	18.64	18.55		
3	256QAM	8	0	18.42	18.45	18.55	19.5	3.5
3	256QAM	8	4	18.34	18.55	18.45		
3	256QAM	8	7	18.44	18.54	18.44		
3	256QAM	15	0	18.48	18.66	18.51		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.7	21.98	21.91	23	0
1.4	QPSK	1	3	21.53	21.87	21.91		
1.4	QPSK	1	5	21.74	21.87	21.88		
1.4	QPSK	3	0	21.84	21.99	21.97		
1.4	QPSK	3	1	21.73	21.97	21.9		
1.4	QPSK	3	3	21.81	21.95	21.91		
1.4	QPSK	6	0	21.82	21.83	21.83	23	0
1.4	16QAM	1	0	21.89	21.9	21.97	23	0
1.4	16QAM	1	3	21.96	21.92	21.94		
1.4	16QAM	1	5	21.87	21.95	21.88		
1.4	16QAM	3	0	21.91	21.92	21.98		
1.4	16QAM	3	1	21.99	21.95	21.95		
1.4	16QAM	3	3	21.86	21.97	21.89		
1.4	16QAM	6	0	21.33	21.53	21.4	22.5	0.5
1.4	64QAM	1	0	21.52	21.71	21.88	22.5	0.5
1.4	64QAM	1	3	21.64	21.71	21.96		
1.4	64QAM	1	5	21.59	21.19	21.86		
1.4	64QAM	3	0	21.56	21.72	21.91		
1.4	64QAM	3	1	21.66	21.73	21.99		
1.4	64QAM	3	3	21.6	21.2	21.88		
1.4	64QAM	6	0	20.19	20.4	20.46	21.5	1.5
1.4	256QAM	1	0	18.55	18.75	18.47	19.5	3.5
1.4	256QAM	1	3	18.76	18.87	18.75		
1.4	256QAM	1	5	18.46	18.64	18.61		
1.4	256QAM	3	0	18.50	18.50	18.49		
1.4	256QAM	3	1	18.36	18.58	18.48		
1.4	256QAM	3	3	18.49	18.56	18.55		
1.4	256QAM	6	0	18.49	18.64	18.45	19.5	3.5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.34	18.97	18.48	20	0
20	QPSK	1	49	18.44	18.51	18.48		
20	QPSK	1	99	18.44	18.52	18.44		
20	QPSK	50	0	18.15	18.35	18.23	20	0
20	QPSK	50	24	18.25	18.34	18.23		
20	QPSK	50	50	18.27	18.32	18.21		
20	QPSK	100	0	18.31	18.38	18.28		
20	16QAM	1	0	18.35	18.54	18.42	20	0
20	16QAM	1	49	18.45	18.56	18.43		
20	16QAM	1	99	18.25	18.43	18.41		
20	16QAM	50	0	18.25	18.31	18.27	20	0
20	16QAM	50	24	18.34	18.44	18.44		
20	16QAM	50	50	18.36	18.47	18.41		
20	16QAM	100	0	18.32	18.42	18.34		
20	64QAM	1	0	18.31	18.39	18.33	20	0
20	64QAM	1	49	18.29	18.46	18.38		
20	64QAM	1	99	18.34	18.49	18.41		
20	64QAM	50	0	18.12	18.32	18.21	20	0
20	64QAM	50	24	18.33	18.43	18.38		
20	64QAM	50	50	18.29	18.48	18.40		
20	64QAM	100	0	18.26	18.41	18.34		
20	256QAM	1	0	18.11	18.29	18.13	19.5	0.5
20	256QAM	1	49	18.38	18.48	18.37		
20	256QAM	1	99	18.16	18.25	18.14		
20	256QAM	50	0	18.05	18.16	18.08	19.5	0.5
20	256QAM	50	24	18.03	18.20	18.07		
20	256QAM	50	50	18.03	18.15	18.07		
20	256QAM	100	0	18.17	18.25	18.12		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.27	18.54	18.41	20	0
15	QPSK	1	37	18.38	18.47	18.45		
15	QPSK	1	74	18.34	18.45	18.37		
15	QPSK	36	0	18.13	18.26	18.21	20	0
15	QPSK	36	20	18.15	18.30	18.18		
15	QPSK	36	39	18.23	18.28	18.10		
15	QPSK	75	0	18.28	18.32	18.18		
15	16QAM	1	0	18.22	18.51	18.34	20	0
15	16QAM	1	37	18.40	18.54	18.32		
15	16QAM	1	74	18.14	18.38	18.31		
15	16QAM	36	0	18.12	18.19	18.21	20	0
15	16QAM	36	20	18.29	18.40	18.36		
15	16QAM	36	39	18.28	18.45	18.37		
15	16QAM	75	0	18.30	18.34	18.25		
15	64QAM	1	0	18.21	18.26	18.21	20	0
15	64QAM	1	37	18.28	18.40	18.34		
15	64QAM	1	74	18.21	18.42	18.33		
15	64QAM	36	0	18.01	18.30	18.08	20	0
15	64QAM	36	20	18.23	18.31	18.35		
15	64QAM	36	39	18.24	18.38	18.31		
15	64QAM	75	0	18.23	18.39	18.28		
15	256QAM	1	0	18.09	18.24	18.09	19.5	0.5
15	256QAM	1	37	18.36	18.46	18.27		
15	256QAM	1	74	18.14	18.22	18.10		
15	256QAM	36	0	18.03	18.04	18.02	19.5	0.5
15	256QAM	36	20	17.94	18.16	17.98		
15	256QAM	36	39	17.99	18.02	18.04		
15	256QAM	75	0	18.14	18.17	18.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.29	18.52	18.46	20	0
10	QPSK	1	25	18.42	18.45	18.38		
10	QPSK	1	49	18.32	18.40	18.34		
10	QPSK	25	0	18.09	18.33	18.15	20	0
10	QPSK	25	12	18.23	18.27	18.19		
10	QPSK	25	25	18.23	18.27	18.11		
10	QPSK	50	0	18.28	18.31	18.17		
10	16QAM	1	0	18.24	18.49	18.38	20	0
10	16QAM	1	25	18.38	18.46	18.40		
10	16QAM	1	49	18.23	18.41	18.29		
10	16QAM	25	0	18.22	18.18	18.24	20	0
10	16QAM	25	12	18.25	18.38	18.35		
10	16QAM	25	25	18.26	18.39	18.36		
10	16QAM	50	0	18.20	18.30	18.22		
10	64QAM	1	0	18.28	18.36	18.22	20	0
10	64QAM	1	25	18.19	18.42	18.31		
10	64QAM	1	49	18.28	18.47	18.29		
10	64QAM	25	0	18.08	18.20	18.09	20	0
10	64QAM	25	12	18.21	18.33	18.36		
10	64QAM	25	25	18.18	18.45	18.29		
10	64QAM	50	0	18.16	18.38	18.22		
10	256QAM	1	0	18.04	18.20	18.07	19.5	0.5
10	256QAM	1	25	18.30	18.46	18.26		
10	256QAM	1	49	18.06	18.15	18.02		
10	256QAM	25	0	18.02	18.03	18.01	19.5	0.5
10	256QAM	25	12	17.97	18.10	17.96		
10	256QAM	25	25	17.97	18.07	18.05		
10	256QAM	50	0	18.05	18.23	18.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.27	18.54	18.45	20	0
5	QPSK	1	12	18.34	18.48	18.40		
5	QPSK	1	24	18.35	18.47	18.31		
5	QPSK	12	0	18.05	18.24	18.16	20	0
5	QPSK	12	7	18.17	18.28	18.10		
5	QPSK	12	13	18.24	18.19	18.12		
5	QPSK	25	0	18.22	18.35	18.24		
5	16QAM	1	0	18.32	18.41	18.38	20	0
5	16QAM	1	12	18.33	18.45	18.32		
5	16QAM	1	24	18.15	18.31	18.33		
5	16QAM	12	0	18.16	18.28	18.14	20	0
5	16QAM	12	7	18.32	18.32	18.33		
5	16QAM	12	13	18.33	18.40	18.29		
5	16QAM	25	0	18.32	18.35	18.29		
5	64QAM	1	0	18.22	18.36	18.30	20	0
5	64QAM	1	12	18.16	18.35	18.35		
5	64QAM	1	24	18.38	18.34	18.34		
5	64QAM	12	0	18.09	18.26	18.18	20	0
5	64QAM	12	7	18.24	18.38	18.26		
5	64QAM	12	13	18.20	18.43	18.28		
5	64QAM	25	0	18.15	18.29	18.27		
5	256QAM	1	0	18.07	18.25	18.05	19.5	0.5
5	256QAM	1	12	18.29	18.41	18.26		
5	256QAM	1	24	18.10	18.18	18.09		
5	256QAM	12	0	17.97	18.07	17.99	19.5	0.5
5	256QAM	12	7	17.95	18.13	18.03		
5	256QAM	12	13	17.93	18.05	17.96		
5	256QAM	25	0	18.11	18.18	18.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.27	18.54	18.44	20	0
3	QPSK	1	8	18.40	18.42	18.40		
3	QPSK	1	14	18.42	18.49	18.38		
3	QPSK	8	0	18.09	18.29	18.13	20	0
3	QPSK	8	4	18.13	18.27	18.17		
3	QPSK	8	7	18.17	18.20	18.10		
3	QPSK	15	0	18.20	18.32	18.23		
3	16QAM	1	0	18.22	18.47	18.33	20	0
3	16QAM	1	8	18.38	18.48	18.34		
3	16QAM	1	14	18.12	18.37	18.32		
3	16QAM	8	0	18.12	18.28	18.18	20	0
3	16QAM	8	4	18.24	18.32	18.34		
3	16QAM	8	7	18.32	18.35	18.34		
3	16QAM	15	0	18.30	18.32	18.21		
3	64QAM	1	0	18.27	18.28	18.22	20	0
3	64QAM	1	8	18.25	18.42	18.36		
3	64QAM	1	14	18.24	18.41	18.38		
3	64QAM	8	0	18.04	18.25	18.11	20	0
3	64QAM	8	4	18.23	18.38	18.32		
3	64QAM	8	7	18.20	18.38	18.38		
3	64QAM	15	0	18.14	18.32	18.31		
3	256QAM	1	0	18.01	18.23	18.10	19.5	0.5
3	256QAM	1	8	18.34	18.43	18.27		
3	256QAM	1	14	18.09	18.20	18.11		
3	256QAM	8	0	17.96	18.04	17.98	19.5	0.5
3	256QAM	8	4	17.92	18.13	17.98		
3	256QAM	8	7	17.99	18.06	18.05		
3	256QAM	15	0	18.10	18.21	18.03		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.32	18.49	18.45	20	0
1.4	QPSK	1	3	18.37	18.42	18.40		
1.4	QPSK	1	5	18.46	18.31	18.31		
1.4	QPSK	3	0	18.02	18.33	18.14	20	0
1.4	QPSK	3	1	18.14	18.30	18.11		
1.4	QPSK	3	3	18.13	18.24	18.12		
1.4	QPSK	6	0	18.25	18.36	18.16	20	0
1.4	16QAM	1	0	18.23	18.49	18.29	20	0
1.4	16QAM	1	3	18.42	18.45	18.41		
1.4	16QAM	1	5	18.12	18.33	18.36		
1.4	16QAM	3	0	18.23	18.22	18.24		
1.4	16QAM	3	1	18.24	18.39	18.34		
1.4	16QAM	3	3	18.25	18.40	18.37		
1.4	16QAM	6	0	18.21	18.35	18.27	20	0
1.4	64QAM	1	0	18.21	18.37	18.21	20	0
1.4	64QAM	1	3	18.28	18.34	18.35		
1.4	64QAM	1	5	18.23	18.37	18.32		
1.4	64QAM	3	0	18.08	18.30	18.11		
1.4	64QAM	3	1	18.22	18.39	18.36		
1.4	64QAM	3	3	18.17	18.40	18.35		
1.4	64QAM	6	0	18.22	18.28	18.28	20	0
1.4	256QAM	1	0	18.09	18.23	18.07	19.5	0.5
1.4	256QAM	1	3	18.32	18.45	18.35		
1.4	256QAM	1	5	18.03	18.15	18.04		
1.4	256QAM	3	0	17.93	18.04	18.03		
1.4	256QAM	3	1	17.90	18.15	17.94		
1.4	256QAM	3	3	17.97	18.03	17.94		
1.4	256QAM	6	0	18.11	18.16	18.08	19.5	0.5

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 37850	Power [dBm] Ch 38000	Power [dBm] Ch 38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	19.67	19.62	19.70	21	0
20	QPSK	1	49	19.67	19.66	19.41		
20	QPSK	50	0	19.62	19.71	19.67		
20	QPSK	50	24	19.62	19.75	19.49		
20	QPSK	50	49	19.69	19.32	19.57		
20	QPSK	100	0	19.74	19.52	19.50		
20	16QAM	1	0	19.71	19.73	19.42		
20	16QAM	1	49	19.79	19.77	19.53		
20	16QAM	50	0	19.55	19.42	19.60	21	0
20	16QAM	50	24	19.49	19.35	19.51		
20	16QAM	50	49	19.73	19.37	19.52		
20	16QAM	100	0	19.78	19.55	19.55		
20	64QAM	1	0	19.65	19.39	19.42	21	0
20	64QAM	1	49	19.67	19.47	19.44		
20	64QAM	50	0	19.64	19.62	19.67		
20	64QAM	50	24	19.29	19.78	19.32	21	0
20	64QAM	50	49	19.75	19.58	19.56		
20	64QAM	100	0	19.71	19.52	19.50		
20	256QAM	1	0	19.69	19.51	19.60	20	1
20	256QAM	50	0	19.76	19.50	19.40		
20	256QAM	50	24	19.65	19.49	19.57		
20	256QAM	100	0	19.52	19.69	19.49		
20	1024QAM	1	0	19.60	19.79	19.67	18	3
20	1024QAM	1	49	19.60	19.66	19.70		
20	1024QAM	50	0	19.73	19.60	19.76		
20	1024QAM	50	24	19.61	19.82	19.85	18	3
20	1024QAM	50	49	19.63	19.73	19.74		
20	1024QAM	100	0	19.62	19.77	19.54		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	19.72	19.73	19.71	21	0
15	QPSK	1	37	19.47	19.62	19.31		
15	QPSK	1	74	19.54	19.60	19.56		
15	QPSK	36	0	19.52	19.67	19.45		
15	QPSK	36	20	19.60	19.51	19.50		
15	QPSK	36	39	19.69	19.43	19.40		
15	QPSK	75	0	19.63	19.63	19.37		
15	16QAM	1	0	19.75	19.70	19.50	21	0
15	16QAM	1	37	19.46	19.31	19.58		
15	16QAM	1	74	19.39	19.29	19.40		
15	16QAM	36	0	19.66	19.32	19.40		
15	16QAM	36	20	19.67	19.49	19.40	21	0
15	16QAM	36	39	19.59	19.32	19.34		
15	16QAM	75	0	19.62	19.39	19.34		
15	64QAM	1	0	19.60	19.66	19.62		
15	64QAM	1	37	19.23	19.63	19.24	21	0
15	64QAM	1	74	19.49	19.46	19.38		
15	64QAM	36	0	19.62	19.41	19.38		
15	64QAM	36	20	19.59	19.45	19.40	20	1
15	64QAM	36	39	19.62	19.41	19.40		
15	64QAM	75	0	19.74	19.32	19.40		
15	256QAM	1	0	19.42	19.63	19.60	18	3
15	256QAM	1	37	19.54	19.70	19.56		
15	256QAM	1	74	19.60	19.60	19.64		
15	256QAM	36	0	19.64	19.72	19.66		
15	256QAM	36	20	19.62	19.77	19.71	18	3
15	256QAM	36	39	19.57	19.72	19.71		
15	256QAM	75	0	19.62	19.67	19.42		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2585	2590	2595		
10	QPSK	1	0	19.73	19.70	19.71	21	0
10	QPSK	1	25	19.67	19.59	19.38		
10	QPSK	1	49	19.62	19.62	19.62		
10	QPSK	25	0	19.67	19.70	19.41		
10	QPSK	25	12	19.69	19.20	19.60	21	0
10	QPSK	25	25	19.69	19.49	19.40		
10	QPSK	50	0	19.60	19.62	19.58		
10	16QAM	1	0	19.69	19.79	19.40		
10	16QAM	1	25	19.45	19.58	19.60	21	0
10	16QAM	1	49	19.43	19.39	19.46		
10	16QAM	25	0	19.69	19.49	19.46		
10	16QAM	25	12	19.73	19.49	19.53	21	0
10	16QAM	25	25	19.67	19.36	19.47		
10	16QAM	50	0	19.59	19.49	19.41		
10	64QAM	1	0	19.60	19.62	19.22		
10	64QAM	1	25	19.23	19.79	19.20	21	0
10	64QAM	1	49	19.60	19.49	19.22		
10	64QAM	25	0	19.63	19.43	19.44		
10	64QAM	25	12	19.53	19.43	19.41	20	1
10	64QAM	25	25	19.73	19.45	19.41		
10	64QAM	50	0	19.63	19.67	19.21		
10	256QAM	1	0	19.40	19.62	19.50	19	3
10	256QAM	1	25	19.62	19.73	19.56		
10	256QAM	1	49	19.68	19.58	19.66		
10	256QAM	25	0	19.62	19.73	19.66		
10	256QAM	25	12	19.77	19.70	19.74	18	3
10	256QAM	25	25	19.61	19.62	19.74		
10	256QAM	50	0	19.53	19.79	19.42		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
5	QPSK	1	0	19.73	19.63	19.74	21	0
5	QPSK	1	12	19.47	19.61	19.30		
5	QPSK	1	24	19.53	19.66	19.68		
5	QPSK	12	0	19.62	19.79	19.37		
5	QPSK	12	7	19.60	19.23	19.54		
5	QPSK	12	13	19.72	19.43	19.46		
5	QPSK	25	0	19.64	19.61	19.32		
5	16QAM	1	0	19.68	19.66	19.45	21	0
5	16QAM	1	12	19.45	19.52	19.58		
5	16QAM	1	24	19.39	19.28	19.46		
5	16QAM	12	0	19.62	19.31	19.44		
5	16QAM	12	7	19.78	19.51	19.44	21	0
5	16QAM	12	13	19.62	19.52	19.37		
5	16QAM	25	0	19.60	19.43	19.34		
5	64QAM	1	0	19.60	19.43	19.62		
5	64QAM	1	12	19.24	19.72	19.25	21	0
5	64QAM	1	24	19.64	19.64	19.40		
5	64QAM	12	0	19.62	19.39	19.40		
5	64QAM	12	7	19.62	19.44	19.44	20	1
5	64QAM	12	13	19.62	19.38	19.39		
5	64QAM	25	0	19.74	19.39	19.37		
5	256QAM	1	0	19.46	19.61	19.65		
5	256QAM	1	12	19.72	19.66	19.70	18	3
5	256QAM	1	24	19.62	19.59	19.57		
5	256QAM	12	0	19.62	19.62	19.70		
5	256QAM	12	7	19.78	19.69	19.70	18	3
5	256QAM	12	13	19.62	19.77	19.66		
5	256QAM	25	0	19.58	19.64	19.46		

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 37850	Power [dBm] Ch 38000	Power [dBm] Ch 38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	17.66	17.71	16.01	18	0
20	QPSK	1	49	17.03	16.55	17.04		
20	QPSK	50	0	16.96	16.96	17.03		
20	QPSK	50	24	17.03	17.09	16.92		
20	QPSK	50	49	17.07	16.97	16.97		
20	QPSK	100	0	16.96	16.97	17.01		
20	16QAM	1	0	16.95	17.01	16.98		
20	16QAM	1	49	16.81	16.91	17.02		
20	16QAM	50	0	17.05	17.00	16.99	18	0
20	16QAM	50	24	16.6	16.99	16.76		
20	16QAM	50	49	17.07	16.96	16.98		
20	16QAM	100	0	17.09	17.02	16.97		
20	64QAM	1	0	17.06	17.07	16.99	18	0
20	64QAM	1	49	17.07	16.99	16.99		
20	64QAM	50	0	17.03	16.97	16.94		
20	64QAM	50	24	17.07	16.96	16.98		
20	64QAM	50	49	17.09	17.02	17.02	18	0
20	64QAM	100	0	17.06	16.9	16.91		
20	256QAM	1	0	17.06	17.06	17.06		
20	256QAM	1	49	17.06	17.04	17.02	18	0
20	256QAM	50	0	17.07	17.07	17.02		
20	256QAM	50	24	17.05	17.05	17.06		
20	256QAM	50	49	17.03	17.07	17.09	18	0
20	256QAM	100	0	17.08	17.05	17.03		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	17.03	17.05	17.06	18	0
15	QPSK	1	37	16.95	16.99	16.92		
15	QPSK	1	74	16.95	16.93	16.89		
15	QPSK	36	0	16.99	17.01	16.89		
15	QPSK	36	20	16.95	16.95	16.91		
15	QPSK	36	39	16.92	16.99	16.89		
15	QPSK	75	0	16.93	16.99	16.91		
15	16QAM	1	0	16.99	16.78	16.91	18	0
15	16QAM	1	37	16.96	16.98	16.93		
15	16QAM	1	74	16.49	16.77	16.64		
15	16QAM	36	0	16.94	16.95	16.91		
15	16QAM	36	20	16.99	16.99	16.78	18	0
15	16QAM	36	39	16.95	17.02	16.91		
15	16QAM	75	0	16.97	16.96	16.92		
15	64QAM	1	0	16.99	16.96	16.97		
15	64QAM	1	37	17	16.99	16.95	18	0
15	64QAM	1	74	16.97	16.95	16.97		
15	64QAM	36	0	16.96	16.95	16.97		
15	64QAM	36	20	17.03	16.79	16.91	18	0
15	64QAM	36	39	16.96	16.98	16.97		
15	64QAM	75	0	16.97	16.96	16.96		
15	256QAM	1	0	16.97	16.96	16.95	18	0
15	256QAM	1	37	16.95	16.96	16.95		
15	256QAM	1	74	16.97	16.95	16.95		
15	256QAM	36	0	16.92	17.04	17.01	18	0
15	256QAM	36	20	16.97	16.99	16.94		
15	256QAM	36	39	17.05	17.09	16.97		
15	256QAM	75	0	17.01	16.96	16.96		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2585	2590	2595		
10	QPSK	1	0	16.99	17.06	16.99	18	0
10	QPSK	1	25	16.96	16.99	16.92		
10	QPSK	1	49	16.9	16.79	17.01		
10	QPSK	25	0	16.91	16.95	16.95		
10	QPSK	25	12	17.01	16.93	16.99	18	0
10	QPSK	25	25	16.89	16.99	16.89		
10	QPSK	50	0	16.93	16.95	17.01		
10	16QAM	1	0	16.97	16.78	16.99		
10	16QAM	1	25	16.94	17.02	16.92	18	0
10	16QAM	1	49	16.98	16.93	16.95		
10	16QAM	25	0	17.04	16.79	16.93		
10	16QAM	25	12	17.04	16.9	16.93	18	0
10	16QAM	25	25	16.97	17.03	16.99		
10	16QAM	50	0	16.94	16.99	16.73		
10	64QAM	1	0	17	17.01	16.97		
10	64QAM	1	25	17.01	16.99	16.93	18	0
10	64QAM	1	49	16.71	16.99	16.77		
10	64QAM	25	0	16.95	16.99	16.99		
10	64QAM	25	12	17.06	16.79	16.93	18	0
10	64QAM	25	25	16.99	16.97	16.9		
10	64QAM	50	0	16.96	16.99	16.91		
10	256QAM	1	0	17.04	17.03	16.99		
10	256QAM	1	25	16.97	16.99	16.93	18	0
10	256QAM	1	49	16.95	16.97	16.91		
10	256QAM	25	0	16.96	17.04	17.03		
10	256QAM	25	12	16.92	16.95	16.99	18	0
10	256QAM	25	25	17.06	17.03	16.99		
10	256QAM	50	0	17.03	16.96	16.94		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
5	QPSK	1	0	17.01	17.03	16.97	18	0
5	QPSK	1	12	16.99	16.9	16.99		
5	QPSK	1	24	16.97	16.99	16.99		
5	QPSK	12	0	16.93	16.99	16.97		
5	QPSK	12	7	17.01	16.96	16.93		
5	QPSK	12	13	16.99	16.99	16.93	18	0
5	QPSK	25	0	16.99	16.95	16.93		
5	16QAM	1	0	16.73	16.75	16.93		
5	16QAM	1	12	17.03	16.93	16.93	18	0
5	16QAM	1	24	16.99	16.77	16.71		
5	16QAM	12	0	16.95	16.79	16.99		
5	16QAM	12	7	17.03	16.96	16.79	18	0
5	16QAM	12	13	16.95	17.05	16.93		
5	16QAM	25	0	17.03	16.79	16.75		
5	64QAM	1	0	16.99	16.96	17		
5	64QAM	1	12	16.99	16.97	16.97	18	0
5	64QAM	1	24	16.97	16.95	16.97		
5	64QAM	12	0	16.94	16.96	16.92		
5	64QAM	12	7	17.05	16.79	16.93	18	0
5	64QAM	12	13	17.06	16.95	16.92		
5	64QAM	25	0	17	16.92	16.79		
5	256QAM	1	0	17.01	16.95	16.99		
5	256QAM	1	12	17.04	16.96	17.03	18	0
5	256QAM	1	24	16.99	16.96	16.95		
5	256QAM	12	0	17.03	16.95	17.03		
5	256QAM	12	7	17.04	16.96	17.03	18	0
5	256QAM	12	13	17.01	16.96	16.92		
5	256QAM	25	0	17.01	16.96	16.92		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 37850	Power [dBm] Ch 38000	Power [dBm] Ch 38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	23.28	23.67	23.47	24.5	0
20	QPSK	1	49	23.31	23.12	23.16		
20	QPSK	50	0	23.32	23.53	23.11		
20	QPSK	50	24	23.3	23.45	23.07		
20	QPSK	50	49	23.19	23.3	23.37		
20	QPSK	100	0	23.26	23.3	23.24		
20	16QAM	1	0	23.07	23.13	23.1		
20	16QAM	1	49	22.98	22.92	23		
20	16QAM	50	0	23.15	23.09	23	24.5	0
20	16QAM	50	24	22.95	23.08	23.17		
20	16QAM	50	49	23.12	22.99	22.19		
20	16QAM	100	0	22.38	22.27	23.06		
20	64QAM	1	0	22.38	22.11	22.15	23.5	1
20	64QAM	1	49	22.29	22.09	22.09		
20	64QAM	50	0	22.43	21.95	21.87		
20	64QAM	50	24	22.12	22.19	22.06		
20	64QAM	50	49	21.27	21.11	21.14	22.5	2
20	64QAM	100	0	21.91	21.13	21.19		
20	256QAM	1	0	21.46	21.12	21.26		
20	256QAM	1	49	21.4	21.02	21.02		
20	256QAM	50	0	19.45	19.51	19.49		
20	256QAM	50	24	19.33	19.38	19.39	20.5	4
20	256QAM	50	49	19.31	19.41	19.19		
20	256QAM	100	0	19.31	19.39	19.33		
20	1024QAM	1	0	19.44	19.34	19.35	20.5	4
20	1024QAM	1	49	19.38	19.47	19.29		
20	1024QAM	100	0	19.41	19.43	19.38		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
15	QPSK	1	0	23.24	23.46	23.16	24.5	0
15	QPSK	1	37	23.23	23.02	23.14		
15	QPSK	1	74	23.19	22.99	23.06		
15	QPSK	36	0	23.23	23.4	23.05		
15	QPSK	36	20	23.13	23.21	23.29		
15	QPSK	36	39	23.22	23.25	23.15		
15	QPSK	75	0	22.94	23.05	23.08		
15	16QAM	1	0	22.88	22.8	22.96		
15	16QAM	1	37	23.08	23.03	22.96	24.5	0
15	16QAM	1	74	22.86	23.04	23.13		
15	16QAM	36	0	22.92	22.93	23.11		
15	16QAM	36	20	22.29	22.35	21.96	23.5	1
15	16QAM	36	39	22.32	22.93	22.92		
15	16QAM	75	0	22.22	22.01	22.02		
15	64QAM	1	0	22.35	22.84	22.98		
15	64QAM	1	37	22.34	21.83	21.84	23.5	1
15	64QAM	1	74	21.99	22.12	21.95		
15	64QAM	36	0	21.24	21.02	21.1		
15	64QAM	36	20	21.29	21.09	21.13	22.5	2
15	64QAM	36	39	21.33	21.05	21.22		
15	64QAM	75	0	21.27	20.99	21.19		
15	256QAM	1	0	19.34	19.42	19.40		
15	256QAM	1	37	19.28	19.26	19.27	20.5	4
15	256QAM	1	74	19.22	19.20	19.12		
15	256QAM	36	0	19.29	19.21	19.19		
15	256QAM	36	20	19.34	19.26	19.22	20.5	4
15	256QAM	36	39	19.23	19.42	19.19		
15	256QAM	75	0	19.31	19.41	19.34		
Channel				37800	38000	38200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2585	2590	2595		
10	QPSK	1	0	23.2	23.43	23.2	24.5	0
10	QPSK	1	25	23.19	23.04	23.11		
10	QPSK	1	49	23.29	23.03	23.03		
10	QPSK	25	0	23.23	23.4	23.03		
10	QPSK	25	12	23.09	23.19	23.3	24.5	0
10	QPSK	25	25	23.15	23.23	23.22		
10	QPSK	50	0	22.95	23.05	23.08		
10	16QAM	1	0	22.87	22.9	22.88		
10	16QAM	1	25	23.02	22.95	22.96	24.5	0
10	16QAM	1	49	22.88	22.95	23.11		
10	16QAM	25	0	22.93	22.97	22.12		
10	16QAM	25	12	22.34	22.23	21.96	23.5	1
10	16QAM	25	25	22.97	23.03	22.11		
10	16QAM	50	0	22.19	23.04	22.03		
10	64QAM	1	0	22.3	21.95	22.04		
10	64QAM	1	25	22.27	21.88	21.81	23.5	1
10	64QAM	1	49	22.27	21.98	21.98		
10	64QAM	25	0	21.33	21.08	21.09		
10	64QAM	25	12	21.48	21.03	21.08	22.5	2
10	64QAM	25	25	21.37	21.07	21.21		
10	64QAM	50	0	21.2	21	21.17		
10	256QAM	1	0	19.38	19.43	19.39		
10	256QAM	1	25	19.26	19.31	19.31	20.5	4
10	256QAM	1	49	19.23	19.33	19.05		
10	256QAM	25	0	19.24	19.27	19.23		
10	256QAM	25	12	19.41	19.29	19.25	20.5	4
10	256QAM	25	25	19.31	19.41	19.23		
10	256QAM	50	0	19.39	19.39	19.35		
Channel				37775	38000	38225	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.5	2590	2602.5		
5	QPSK	1	0	23.28	23.42	23.42	24.5	0
5	QPSK	1	12	23.25	23.07	23.05		
5	QPSK	1	24	23.24	23.02	23.25		
5	QPSK	12	0	23.24	23.32	23.03		
5	QPSK	12	7	23.09	23.2	23.03		
5	QPSK	12	13	23.19	23.23	23.13		
5	QPSK	25	0	23.09	23.16	23.2		
5	16QAM	1	0	22.92	22.89	22.9		
5	16QAM	1	12	22.99	22.94	22.9	24.5	0
5	16QAM	1	24	22.99	22.93	22.94		
5	16QAM	12	0	22.96	22.79	22.96		
5	16QAM	12	7	22.27	22.29	21.99	23.5	1
5	16QAM	12	13	22.11	22.11	22.11		
5	16QAM	25	0	22.23	22.09	22		
5	64QAM	1	0	22.32	22	21.97		
5	64QAM	1	12	22.39	21.82	21.75	23.5	1
5	64QAM	1	24	21.97	21.93	21.91		
5	64QAM	12	0	21.39	21.07	21.04		
5	64QAM	12	7	21.47	21.07	21.16	22.5	2
5	64QAM	12	13	21.42	20.99	21.24		
5	64QAM	25	0	21.2	20.97	21.09		
5	256QAM	1	0	19.41	19.43	19.43		
5	256QAM	1	12	19.35	19.32	19.34	20.5	4
5	256QAM	1	24	19.26	19.33	19.14		
5	256QAM	12	0	19.27	19.27	19.05		
5	256QAM	12	7	19.26	19.27	19.29	20.5	4
5	256QAM	12	13	19.25	19.25	19.27		
5	256QAM	25	0	19.34	19.39	19.25		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch 37850	Power [dBm] Ch 38000	Power [dBm] Ch 38150	Tune-up limit [dBm]	MPR [dB]
Channel				37850	38000	38150		
Frequency [MHz]				2580	2590	2600		
20	QPSK	1	0	21.67	21.66	21.64	22.7	0
20	QPSK	1	49	21.58	21.6	21.5		
20	QPSK	50	0	21.5	21.65	21.45		
20	QPSK	50	24	21.5	21.64	21.5		
20	QPSK	50	49	21.58	21.62	21.52		
20	QPSK	100	0	21.56	21.63	21.56		
20	16QAM	1	0	21.51	21.63	21.53		
20	16QAM	1	49	21.53	21.65	21.51		
20	16QAM	50	0	21.58	21.64	21.6	22.7	0
20	16QAM	50	24	21.55	21.58	21.43		
20	16QAM	50	49	21.55	21.64	21.64		
20	16QAM	100	0	21.52	21.65	21.62		
20	64QAM	1	0	21.59	21.64	21.61	22.7	0
20	64QAM	1	49	21.47	21.62	21.46		
20	64QAM	50	0	21.54	21.63	21.53		
20	64QAM	50	24	21.59	21.63	21.54		
20	64QAM	50	49	21.52	21.61	21.47	22.7	0
20	64QAM	100	0	21.56	21.62	21.56		
20	256QAM	1	0	21.61	21.65	21.51		
20	256QAM	1	49	19.66	19.63	19.57

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37660	Power Ch 38140	Power Ch 38620	Power Ch 41055	Power Ch 41490	Tune-up limit [dBm]	MPR [dB]
	Channel			37660	38140	38620	41055	41490		
	Frequency [MHz]			2506	2545.5	2585	2625.5	2665		
20	QPSK	1	0	19.67	19.92	20.07	19.56	19.73		
20	QPSK	1	49	19.64	19.91	19.97	19.92	19.92	21	0
20	QPSK	50	0	19.59	19.89	20	19.56	19.86		
20	QPSK	50	0	19.76	19.91	19.92	19.91	19.72		
20	QPSK	50	25	19.73	19.77	19.76	19.73	19.82	21	0
20	QPSK	50	50	19.79	19.71	19.79	19.92	19.81		
20	HIGAM	1	0	19.71	19.81	19.89	19.55	19.55		
20	HIGAM	1	0	19.75	19.83	19.77	19.76	19.73		
20	HIGAM	1	49	19.7	19.75	19.72	19.66	19.71	21	0
20	HIGAM	1	99	19.72	19.87	19.81	19.71	19.66		
20	HIGAM	50	0	19.71	19.76	19.77	19.76	19.58		
20	HIGAM	50	24	19.72	19.85	19.81	19.78	19.66	21	0
20	HIGAM	50	25	19.61	19.84	19.78	19.7	19.74		
20	HIGAM	100	0	19.71	19.79	19.86	19.65	19.61		
20	HIGAM	1	0	19.76	19.83	19.81	19.67	19.65		
20	HIGAM	1	49	19.77	19.8	19.77	19.75	19.69	21	0
20	HIGAM	1	99	19.73	19.8	19.81	19.74	19.61		
20	HIGAM	50	0	19.64	19.72	19.79	19.59	19.56		
20	HIGAM	50	24	19.8	19.7	19.77	19.66	19.59	20	1
20	HIGAM	50	50	19.66	19.78	19.69	19.62	19.53		
20	HIGAM	100	0	19.69	19.76	19.71	19.66	19.62		
20	256QAM	1	0	19.04	19.68	19.62	19.56	19.59		
20	256QAM	1	49	19.57	19.71	19.74	19.64	19.57		
20	256QAM	1	99	19.49	19.73	19.67	19.57	19.55		
20	256QAM	50	0	19.55	19.74	19.75	19.57	19.42		
20	256QAM	50	24	19.56	19.66	19.77	19.53	19.52	19	3
20	256QAM	50	25	19.58	19.63	19.65	19.53	19.58		
20	256QAM	100	0	19.69	19.79	19.67	19.52	19.55		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37510	Power Ch 38140	Power Ch 38770	Power Ch 41055	Power Ch 41690	Tune-up limit [dBm]	MPR [dB]
	Channel			37510	38140	38770	41055	41690		
	Frequency [MHz]			2501.5	2545.5	2590	2625.5	2677.5		
15	QPSK	1	0	19.79	19.94	19.99	19.8	19.85		
15	QPSK	1	37	19.74	19.92	19.87	19.91	19.87	21.00	0
15	QPSK	1	74	19.69	19.94	19.9	19.91	19.81		
15	QPSK	36	0	19.73	19.79	19.81	19.89	19.81		
15	QPSK	36	20	19.67	19.71	19.88	19.74	19.82	21	0
15	QPSK	36	39	19.73	19.92	19.89	19.71	19.79		
15	QPSK	75	0	19.8	19.89	19.8	19.73	19.76		
15	HIGAM	1	0	19.71	19.77	19.73	19.87	19.81		
15	HIGAM	1	37	19.59	19.71	19.85	19.86	19.82	21	0
15	HIGAM	1	74	19.69	19.81	19.77	19.8	19.84		
15	HIGAM	36	0	19.8	19.86	19.79	19.7	19.84		
15	HIGAM	36	20	19.7	19.78	19.76	19.86	19.83	21	0
15	HIGAM	36	39	19.7	19.77	19.72	19.86	19.82		
15	HIGAM	75	0	19.69	19.7	19.84	19.87	19.87		
15	HIGAM	1	0	19.72	19.78	19.76	19.85	19.82		
15	HIGAM	1	37	19.66	19.74	19.73	19.91	19.82	21	0
15	HIGAM	1	74	19.66	19.76	19.69	19.89	19.46		
15	HIGAM	36	0	19.62	19.61	19.69	19.51	19.52		
15	HIGAM	36	20	19.49	19.64	19.73	19.59	19.45	20	1
15	HIGAM	36	39	19.58	19.76	19.69	19.54	19.43		
15	HIGAM	75	0	19.54	19.75	19.63	19.52	19.57		
15	256QAM	1	0	19.51	19.65	19.53	19.46	19.49		
15	256QAM	1	37	19.48	19.61	19.68	19.42	19.52	19	3
15	256QAM	1	74	19.42	19.68	19.57	19.52	19.49		
15	256QAM	36	0	19.58	19.72	19.7	19.52	19.47		
15	256QAM	36	20	19.45	19.57	19.72	19.44	19.43	19	3
15	256QAM	36	39	19.49	19.59	19.62	19.45	19.52		
15	256QAM	75	0	19.48	19.63	19.62	19.53	19.51		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37410	Power Ch 38140	Power Ch 38870	Power Ch 41055	Power Ch 41790	Tune-up limit [dBm]	MPR [dB]
	Channel			37410	38140	38870	41055	41790		
	Frequency [MHz]			2496.5	2545.5	2595	2625.5	2683.5		
10	QPSK	1	0	19.84	19.93	19.89	19.91	19.49		
10	QPSK	1	25	19.81	19.86	19.93	19.91	19.82	21.00	0
10	QPSK	1	49	19.9	19.91	19.88	19.92	19.78		
10	QPSK	25	0	19.66	19.8	19.82	19.74	19.7		
10	QPSK	25	12	19.69	19.73	19.7	19.79	19.81	21	0
10	QPSK	25	25	19.68	19.8	19.72	19.7	19.79		
10	HIGAM	1	0	19.64	19.76	19.79	19.76	19.77		
10	HIGAM	1	0	19.66	19.81	19.67	19.76	19.81		
10	HIGAM	1	25	19.66	19.68	19.8	19.81	19.81	21	0
10	HIGAM	1	49	19.63	19.86	19.72	19.67	19.57		
10	HIGAM	25	0	19.8	19.81	19.72	19.68	19.76		
10	HIGAM	25	12	19.62	19.79	19.69	19.59	19.55	21	0
10	HIGAM	25	13	19.7	19.8	19.69	19.68	19.63		
10	HIGAM	50	0	19.61	19.79	19.77	19.57	19.55		
10	HIGAM	50	0	19.67	19.73	19.72	19.69	19.62		
10	HIGAM	50	25	19.71	19.79	19.69	19.69	19.62	21	0
10	HIGAM	50	50	19.62	19.79	19.74	19.69	19.59		
10	HIGAM	25	0	19.62	19.76	19.76	19.59	19.46		
10	HIGAM	25	12	19.57	19.68	19.74	19.59	19.46	20	1
10	HIGAM	25	25	19.63	19.74	19.63	19.62	19.43		
10	256QAM	1	0	19.62	19.67	19.68	19.47	19.44		
10	256QAM	1	25	19.61	19.62	19.59	19.49	19.45		
10	256QAM	1	49	19.47	19.68	19.64	19.52	19.46	18	3
10	256QAM	1	0	19.55	19.61	19.62	19.46	19.46		
10	256QAM	25	0	19.64	19.66	19.63	19.46	19.46		
10	256QAM	25	12	19.48	19.59	19.58	19.46	19.46	18	3
10	256QAM	25	25	19.53	19.54	19.53	19.41	19.52		
10	256QAM	50	0	19.54	19.65	19.65	19.45	19.46		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37360	Power Ch 38140	Power Ch 38920	Power Ch 41055	Power Ch 41890	Tune-up limit [dBm]	MPR [dB]
	Channel			37360	38140	38920	41055	41890		
	Frequency [MHz]			2486.5	2545.5	2605	2625.5	2697.5		
5	QPSK	1	0	19.68	19.87	19.87	19.87	19.48		
5	QPSK	1	12	19.77	19.86	19.85	19.91	19.88	21.00	0
5	QPSK	1	24	19.8	19.88	19.89	19.88	19.77		
5	QPSK	12	0	19.72	19.83	19.9	19.71	19.82		
5	QPSK	12	7	19.73	19.87	19.77	19.73	19.7		
5	QPSK	12	13	19.72	19.81	19.7	19.77	19.7	21	0
5	QPSK	12	25	19.68	19.73	19.78	19.73	19.78		
5	HIGAM	1	0	19.7	19.75	19.75	19.66	19.68		
5	HIGAM	1	0	19.62	19.71	19.69	19.81	19.82		
5	HIGAM	1	24	19.63	19.8	19.74	19.6	19.82	21	0
5	HIGAM	1	12	19.67	19.65	19.7	19.75	19.39		
5	HIGAM	12	7	19.68	19.75	19.7	19.7	19.82		
5	HIGAM	12	0	19.72	19.72	19.71	19.68	19.73	21	0
5	HIGAM	25	0	19.69	19.67	19.77	19.66	19.55		
5	HIGAM	12	0	19.68	19.81	19.73	19.55	19.62		
5	HIGAM	12	12	19.73	19.69	19.67	19.72	19.72	21	0
5	HIGAM	12	13	19.61	19.69	19.71	19.69	19.71		
5	HIGAM	12	25	19.55	19.62	19.75	19.58	19.46		
5	HIGAM	12	0	19.64	19.66	19.69	19.61	19.46	20	1
5	HIGAM	12	13	19.57	19.67	19.62	19.55	19.47		
5	HIGAM	12	25	19.63	19.72	19.62	19.61	19.46		
5	256QAM	1	0	19.44	19.61	19.63	19.44	19.46		
5	256QAM	1	12	19.45	19.64	19.65	19.42	19.47	18	3
5	256QAM	1	24	19.47	19.58	19.58	19.44	19.52		
5	256QAM	12	0	19.46	19.66	19.65	19.46	19.46		
5	256QAM	12	7	19.45	19.64	19.65	19.42	19.47	18	3
5	256QAM	12	0	19.54	19.61	19.65	19.41	19.46		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37660	Power Ch 38140	Power Ch 38620	Power Ch 41055	Power Ch 41490	Tune-up limit [dBm]	MPR [dB]
	Channel			37660	38140	38620	41055	41490		
	Frequency [MHz]			2506	2545.5	2585	2625.5	2665		
20	QPSK	1	0	17.87	17.49	17.69	17.36	17.54		
20	QPSK	1	49	17.41	17.41	17.29	17.38	17.2	18.5	0
20	QPSK	1	99	17.38	17.61	17.34	17.36	17.33		
20	QPSK	50	0	17.46	17.56	17.57	17.23	17.21		
20	QPSK	50	24	17.59	17.53	17.34	17.36	17.35		
20	QPSK	50	50	17.47	17.47	17.16	17.33	17.26		
20	QPSK	100	0	17.53	17.53	17.34	17.36	17.35		
20	HIGAM	1	0	17.21	17.34	17.24	17.4	17.35		
20	HIGAM	1	0	17.22	17.41	17.24	17.21	17.15	18.5	0
20	HIGAM	1	49	17.12	17.03	17.05	17.35	17.15		
20	HIGAM	1	99	17.43	17.4	17.34	17.32	17.22		
20	HIGAM	50	0	17.39	17.41	17.32	17.32	17.22		
20	HIGAM	50	24	17.62	17.44	17.41	17.32	17.32	18.5	0
20	HIGAM	50	25	17.59	17.41	17.32	17.31	17.13		
20	HIGAM	50	50	17.46	17.36	17.3	17.36	17.36		
20	HIGAM	100	0	17.52	17.55	17.36	17.27	17.26		
20	HIGAM	1	0	17.43	17.46	17.36	17.33	17.26		
20	HIGAM	1	49	17.61	16.96	17.32	17.07	16.99	18.5	0
20	HIGAM	1	99	17.59	17.63	17.43	17.36	17.09		
20	HIGAM	50	0	17.46	17.36	17.3	17.36	17.36		
20	HIGAM	50	24	17.51	17.41	17.3	17.36	17.36	18.5	0
20	HIGAM	50	50	17.51	17.54	17.42	17.37	17.33		
20	HIGAM	100	0	17.51	17.46	17.36	17.36	17.28		
20	256QAM	1	0	17.53	17.43	17.62	17.47	17.59		
20	256QAM	1	49	17.59	17.36	17.56	17.41	17.48	18.5	0
20	256QAM	1	99	17.47	17.39	17.52	17.33	17.47		
20	256QAM	50	0	17.53	17.38	17.52	17.35	17.38		
20	256QAM	50	24	17.58	17.44	17.32	17.54	17.39	18.5	0
20	256QAM	50	50	17.55	17.38	17.39	17.41	17.23		
20	256QAM	100	0	17.54	17.42	17.23	17.54	17.34		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37510	Power Ch 38140	Power Ch 38770	Power Ch 41055	Power Ch 41690	Tune-up limit [dBm]	MPR [dB]
	Channel			37510	38140	38770	41055	41690		
	Frequency [MHz]			2501.5	2545.5	2590	2625.5	2677.5		
15	QPSK	1	0	17.34	17.34	17.44	17.24	17.25		
15	QPSK	1	37	17.39	17.3	17.18	17.24	17.15	18.59	0
15	QPSK	1	74	17.3	17.32	17.55	17.03	17.3		
15	QPSK	36	0	17.35	17.47	17.5	17.13	17.16		
15	QPSK	36	20	17.39	17.51	17.31	17.15	17.32	18.5	0
15	QPSK	36	39	17.43	17.45	17.13	17.22	17.16		
15	QPSK	75	0	17.43	17.4	17.3	17.2	17.2		
15	HIGAM	1	0	17.27	17.22	17.22	17.36	17.23		
15	HIGAM	1	37	17.37	17.51	17.31	17.15	17.32	18.5	0
15	HIGAM	1	74	17.27	16.91	17.03	17.24	17.11		
15	HIGAM	36	0	17.51	17.41	17.31	17.36	17.15		
15	HIGAM	36	20	17.6	17.32	17.31	17.26	17.23	18.5	0
15	HIGAM	36	39	17.46	17.32	17.26	17.16	17.2		
15	HIGAM	75	0	17.46	17.52	17.26	17.16	17.15		
15	HIGAM	1	0	17.51	16.99	17.32	17.16	16.96		
15	HIGAM	1	37	17.59	16.92	17.27	16.99	16.96	18.5	0
15	HIGAM	1	74	17.51	17.46	17.32	17.06	17.09		
15	HIGAM	36	0	17.4	17.29	17.23	17.22	17.29		
15	HIGAM	36	20	17.36	17.44	17.22	17.32	17.13	18.5	0
15	HIGAM	36	39	17.46	17.42	17.39	17.33	17.26		
15	HIGAM	75	0	17.45	17.39	17.36	17.27	17.23		
15	256QAM	1	0	17.62	17.34	17.59	17.37	17.29		
15	256QAM	1	37	17.62	17.34	17.59	17.37	17.29	18.5	0
15	256QAM	1	74	17.42	17.42	17.26	17.42	17.29		
15	256QAM	36	0	17.58	17.42	17.42	17.29	17.29		
15	256QAM	36	20	17.56	17.42	17.25	17.47	17.47	18.5	0
15	256QAM	36	39	17.43	17.39	17.42	17.32	17.45		
15	256QAM	75	0	17.45	17.32	17.12	17.44	17.49		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37410	Power Ch 38140	Power Ch 38870	Power Ch 41055	Power Ch 41790	Tune-up limit [dBm]	MPR [dB]
	Channel			37410	38140	38870	41055	41790		
	Frequency [MHz]			2496.5	2545.5	2595	2625.5	2683.5		
10	QPSK	1	0	17.42	17.29	17.57	17.33	17.38		
10	QPSK	1	25	17.37	17.34	17.19	17.23	17.28	18.59	0
10	QPSK	1	49	17.24	17.37	17.55	17.07	17.24		
10	QPSK	25	0	17.49	17.49	17.52	17.2	17.14		
10	QPSK	25	12	17.43	17.34	17.39	17.2	17.13	18.5	0
10	QPSK	25	25	17.46	17.36	17.07	17.33	17.26		
10	HIGAM	1	0	17.51	17.46	17.36	17.36	17.29		
10	HIGAM	1	0	17.6	17.3	17.16	17.31	17.26		
10	HIGAM	1	25	17.58	17.31	17.02	17.33	17.09	18.5	0
10	HIGAM	1	49	17.58	17.51	17.02	17.33	17.09		
10	HIGAM	25	0	17.58	17.34	17.13	17.33	17.16		
10	HIGAM	25	12	17.62	17.34	17.31	17.32	17.26	18.5	0
10	HIGAM	25	13	17.58	17.34	17.31	17.32	17.26		
10	HIGAM	25	25	17.43	17.32	17.33	17.23	17.24		
10	HIGAM	50	0	17.46	17.41	17.36	17.36	17.29		
10	HIGAM	50	0	17.5	16.89	17.29	17.36	16.97	18.5	0
10	HIGAM	50	25	17.48	17.41	17.36	17.36	17.29		
10	HIGAM	50	50	17.33	17.33	17.25	17.16	17.25		
10	HIGAM	25	0	17.48	17.51	17.25	17.16	17.25		
10	HIGAM	25	12	17.48	17.51	17.25	17.36	17.31	18.5	0
10	HIGAM	25	25	17.46	17.43	17.36	17.36	17.29		
10	HIGAM	50	0	17.42	17.32	17.31	17.36	17.31		
10	256QAM	1	0	17.54	17.34	17.48	17.29	17.43		
10	256QAM	1	25	17.54	17.34	17.48	17.29	17.43	18.5	0
10	256QAM	1	49	17.35	17.23	17.45	17.26	17.43		
10	256QAM	25	0	17.43	17.27	17.51	17.32	17.32		
10	256QAM	25	12	17.56	17.34	17.25	17.31	17.32	18.5	0
10	256QAM	25	25	17.42	17.34	17.44	17.32	17.32		
10	256QAM	50	0	17.51	17.34	17.12	17.48	17.45		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37360	Power Ch 38140	Power Ch 38920	Power Ch 41055	Power Ch 41890	Tune-up limit [dBm]	MPR [dB]
	Channel			37360	38140	38920	41055	41890		
	Frequency [MHz]			2486.5	2545.5	2605	2625.5	2697.5		
5	QPSK	1	0	17.48	17.5	17.42	17.41	17.24		
5	QPSK	1	12	17.39	17.39	17.18	17.18	17.37	18.59	0
5	QPSK	1	24	17.39	17.38	17.31	17.26	17.33		
5	QPSK	12	0	17.38	17.46	17.52	17.21	17.08		
5	QPSK	12	7	17.38	17.53	17.27	17.2	17.19		
5	QPSK	12	13	17.43	17.4	17.15	17.26	17.15	18.5	0
5	QPSK	12	25	17.43	17.38	17.23	17.23	17.08		
5	HIGAM	1	0	17.27	17.3	17.15	17.34	17.24		
5	HIGAM	1	0	17.36	17.53	17.27	17.2	17.19		
5	HIGAM	1	24	17.54	16.93	17.03	17.45	17.05	18.5	0
5	HIGAM	1	12	17.51	17.39	17.34	17.26	17.09		
5	HIGAM	12	7	17.51	17.39	17.34	17.26	17.09		
5	HIGAM	12	0	17.47	17.46	17.3	17.2	17.2	18.5	0
5	HIGAM	25	0	17.39	17.46	17.3	17.2	17.2		
5	HIGAM	12	0	17.49	16.93	17.29	17.03	16.98		
5	HIGAM	12	12	17.49	17.46	17.29	17.03	17.09	18.5	0
5	HIGAM	12	13	17.46	17.46	17.29	17.03	17.09		
5	HIGAM	12	25	17.37	17.26	17.2	17.16	17.21		
5	256QAM	1	0	17.52	17.38	17.52	17.35	17.24		
5	256QAM	1	12	17.45	17.49	17.33	17.35	17.24	18.5	0
5	256QAM	1	24	17.46	17.46	17.36	17.31	17.33		
5	256QAM	12	0	17.46	17.36	17.59	17.43	17.14		
5	256QAM	12	7	17.43	17.36	17.42	17.32	17.42	18.5	0
5	256QAM	12	0	17.49	17.36	17.16	17.51	17.42		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37660	Power Ch 38140	Power Ch 38620	Power Ch 41055	Power Ch 41490	Tune-up limit [dBm]	MPR [dB]
	Channel			37660	38140	38620	41055	41490		
	Frequency [MHz]			2506	2545.5	2585	2625.5	2665		
20	QPSK	1	0	23	23.38	23.68	23.3	23.57		
20	QPSK	1	49	23.11	23.4	22.93	23.07	23.28	24.0	0
20	QPSK	1	99	22.93	23.18	23.03	23.1	23.03		
20	QPSK	50	0	23.02	23.36	23.45	23.17	23.29		
20	QPSK	50	24	23.03	23.49	23.07	23.32	23.26	24.5	0
20	QPSK	50	50	23.15	23.43	23.25	23.32	23.21		
20	QPSK	100	0	23.18	23.34	23.36	23.23	23.05		
20	HIGAM	1	0	22.94	23.29	23.65	23.49	23.45		
20	HIGAM	1	0	23.08	23.14	23.34	23.21	23.12	24.5	0
20	HIGAM	1	49	22.73	23.06	23.43	23.07	23.18		
20	HIGAM	1	99	23.09	23.36	23.44	23.32	23.21		
20	HIGAM	50	0	22.9	22.96	23.23	23.36	22.91		
20	HIGAM	50	24	23.01	22.98	23.34	23.32	22.91	23.5	1
20	HIGAM	50	25	23.04	23.39	23.27	23.32	22.93		
20	HIGAM	50	50	23.08	23.41	23.27	23.32	23.36		
20	HIGAM	100	0	23.04	23.39	23.27	23.32	23.33		
20	HIGAM	1	0	23.08	23.41	23.27	23.32	23.36		
20	HIGAM	1	49	22.22	23.36	23.07	23.05	22.97	23.5	1
20	HIGAM	1	99	23.09	23.1	23.09	23.02	23.13		
20	HIGAM	50	0	22.99	21.42	21.15	21.25	21.3		
20	HIGAM	50	24	23.09	21.46	21.06	21.21	21.26	22.5	2
20	HIGAM	50	50	21.15	21.27	21.26	21.2	21.16		
20	HIGAM	100	0	21	21.4	21.34	21.21	21.2		
20	256QAM	1	0	19.53	19.38	19.71	19.69	19.69		
20	256QAM	1	49	19.59	19.36	19.46	19.26	19.24	20.5	4
20	256QAM	1	99	19.49	19.35	19.45	19.49	19.43		
20	256QAM	50	0	19.52	19.38	19.53	19.35	19.28		
20	256QAM	50	24	19.48	19.55	19.62	19.54	19.53	20.5	4
20	256QAM	50	50	19.29	19.46	19.44	19.35	19.45		
20	256QAM	100	0	19.65	19.53	19.48	19.51	19.39		

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch 37510	Power Ch 38140	Power Ch 38770	Power Ch 41055	Power Ch 41690	Tune-up limit [dBm]	MPR [dB]
	Channel			37510	38140	38770	41055	41690		
	Frequency [MHz]			2501.5	2545.5	2590	2625.5	2677.5		
15	QPSK	1	0	22.94	23.34	23.44	23.21	23.26		
15	QPSK	1	37	23	23.33	23.61	22.99	23.25	24.59	0
15	QPSK	1	74	22.72	23.06	23.1	23.06	23.16		
15	QPSK	36	0	22.99	23.35	23.37	23.11	23.29		
15	QPSK	36	20	22.98	23.32	23.37	23.13	23.19	24.5	0
15	QPSK	36	39	23.08	23.34	23.23	23.28	23.19		
15	QPSK	75	0	23.09	23.22	23.13	23.18

Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	20.0	21.03	20.72		
20	QPSK	1	49	20.0	20.83	20.72	22.5	0
20	QPSK	1	99	20.01	20.83	20.81		
20	QPSK	50	0	20.08	20.89	20.86		
20	QPSK	50	24	20.07	20.91	20.82	22.5	0
20	QPSK	50	50	20.0	20.77	20.63		
20	QPSK	100	0	20.05	20.92	20.72		
20	16QAM	1	0	20.79	20.69	20.66		
20	16QAM	1	49	20.82	20.79	20.82	22.5	0
20	16QAM	1	99	20.81	20.79	20.74		
20	16QAM	50	0	20.96	20.81	20.73		
20	16QAM	50	24	20.94	20.86	20.76	22.5	0
20	16QAM	50	50	20.83	20.8	20.74		
20	16QAM	100	0	20.93	20.8	20.74		
20	64QAM	1	0	20.84	20.82	20.72		
20	64QAM	1	49	20.94	20.90	20.80	22.5	0
20	64QAM	1	99	20.93	20.83	20.72		
20	64QAM	50	0	19.97	19.90	19.74		
20	64QAM	50	24	19.91	19.80	19.72	21.5	1
20	64QAM	50	50	19.86	19.79	19.70		
20	64QAM	100	0	19.98	19.81	19.76		
20	256QAM	1	0	18.22	18.17	18.16		
20	256QAM	1	49	18.22	18.12	18.04	19.5	3
20	256QAM	1	99	18.14	18.13	18.02		
20	256QAM	50	0	18.01	17.92	17.87		
20	256QAM	50	24	18.02	17.93	17.79	19.5	3
20	256QAM	50	50	18.02	18.11	17.86		
20	256QAM	100	0	17.95	17.93	17.89		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3447.5	3500	3547.5		
15	QPSK	1	0	20.83	20.93	20.76		
15	QPSK	1	37	20.85	20.79	20.88	22.5	0
15	QPSK	1	74	20.89	20.79	20.77		
15	QPSK	36	0	20.85	20.93	20.83		
15	QPSK	36	20	20.85	20.93	20.81	22.5	0
15	QPSK	36	39	20.79	20.85	20.81		
15	QPSK	75	0	20.89	20.89	20.74		
15	16QAM	1	0	20.78	20.89	20.85		
15	16QAM	1	37	20.79	20.89	20.86	22.5	0
15	16QAM	1	74	20.78	20.85	20.84		
15	16QAM	36	0	20.82	20.77	20.82		
15	16QAM	36	20	20.82	20.74	20.88	22.5	0
15	16QAM	36	39	20.77	20.76	20.87		
15	16QAM	75	0	20.78	20.77	20.89		
15	64QAM	1	0	20.80	20.81	20.64		
15	64QAM	1	37	20.80	20.81	20.77	22.5	0
15	64QAM	1	74	20.80	20.81	20.64		
15	64QAM	36	0	19.86	19.87	19.67		
15	64QAM	36	20	19.82	19.79	19.64	21.5	1
15	64QAM	36	39	19.77	19.74	19.65		
15	64QAM	75	0	19.90	19.71	19.66		
15	256QAM	1	0	18.12	18.04	18.09		
15	256QAM	1	37	18.10	18.10	17.94	19.5	3
15	256QAM	1	74	18.10	18.02	17.91		
15	256QAM	36	0	17.97	17.96	17.85		
15	256QAM	36	20	17.94	17.82	17.87	19.5	3
15	256QAM	36	39	17.96	18.05	17.93		
15	256QAM	75	0	17.95	17.91	17.84		
Channel				42140	42590	43040	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3450	3500	3550		
10	QPSK	1	0	20.83	21	20.72		
10	QPSK	1	24	20.79	20.73	20.67	22.5	0
10	QPSK	1	49	20.87	20.75	20.76		
10	QPSK	25	0	20.7	20.92	20.82		
10	QPSK	25	12	20.85	20.87	20.81	22.5	0
10	QPSK	25	25	20.88	20.73	20.58		
10	QPSK	50	0	20.85	20.81	20.66		
10	16QAM	1	0	20.71	20.66	20.61		
10	16QAM	1	24	20.7	20.72	20.62	22.5	0
10	16QAM	1	49	20.69	20.67	20.72		
10	16QAM	25	0	20.82	20.73	20.72		
10	16QAM	25	12	20.82	20.73	20.72	22.5	0
10	16QAM	25	25	20.74	20.72	20.62		
10	16QAM	50	0	20.84	20.79	20.67		
10	64QAM	1	0	20.83	20.77	20.67		
10	64QAM	1	24	20.82	20.77	20.78	21.5	1
10	64QAM	1	49	20.81	20.72	20.62		
10	64QAM	25	0	19.93	19.85	19.62		
10	64QAM	25	12	19.87	19.75	19.67		
10	64QAM	25	25	19.71	19.65	19.64		
10	64QAM	50	0	19.87	19.73	19.72		
10	256QAM	1	0	18.10	18.12	18.06		
10	256QAM	1	24	18.10	18.07	18.02	19.5	3
10	256QAM	1	49	18.05	18.09	17.92		
10	256QAM	25	0	17.89	17.86	17.80		
10	256QAM	25	12	17.95	17.85	17.70	19.5	3
10	256QAM	25	25	18.01	18.03	17.86		
10	256QAM	50	0	17.83	17.82	17.83		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	21.07	20.93	20.72		
5	QPSK	1	12	20.9	20.77	20.63	22.5	0
5	QPSK	1	24	20.91	20.75	20.76		
5	QPSK	12	0	20.82	20.88	20.84		
5	QPSK	12	7	20.85	20.81	20.74		
5	QPSK	12	13	20.87	20.87	20.81	22.5	0
5	QPSK	12	24	20.85	20.85	20.7		
5	16QAM	1	0	20.76	20.68	20.62		
5	16QAM	1	12	20.75	20.71	20.67	22.5	0
5	16QAM	1	24	20.76	20.74	20.71		
5	16QAM	12	0	20.86	20.75	20.67		
5	16QAM	12	7	20.86	20.79	20.68	22.5	0
5	16QAM	12	13	20.75	20.77	20.72		
5	16QAM	12	24	20.82	20.73	20.69		
5	64QAM	1	0	20.73	20.74	20.62		
5	64QAM	1	12	20.82	20.77	20.67	22.5	0
5	64QAM	1	24	20.82	20.73	20.62		
5	64QAM	12	0	19.89	19.86	19.63		
5	64QAM	12	7	19.81	19.75	19.66	21.5	1
5	64QAM	12	13	19.71	19.79	19.60		
5	64QAM	12	24	19.77	19.73	19.71		
5	256QAM	1	0	18.13	18.13	18.03		
5	256QAM	1	12	18.02	18.17	17.96	19.5	3
5	256QAM	1	24	18.16	18.11	17.89		
5	256QAM	12	0	17.92	17.92	17.83		
5	256QAM	12	7	17.97	17.84	17.96	19.5	3
5	256QAM	12	13	18.02	18.01	17.86		
5	256QAM	12	24	17.94	17.82	17.79		

Band 42_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	19.96	20.01	19.90		
20	QPSK	1	49	19.96	19.92	19.83	21.5	0
20	QPSK	1	99	19.92	19.95	19.89		
20	QPSK	50	0	19.92	20.03	19.83		
20	QPSK	50	24	19.77	19.89	19.89	21.5	0
20	QPSK	50	50	19.72	19.66	19.67		
20	QPSK	100	0	19.86	19.96	19.83		
20	16QAM	1	0	19.76	19.85	19.82		
20	16QAM	1	49	19.84	19.84	19.83	21.5	0
20	16QAM	1	99	19.77	19.65	19.73		
20	16QAM	50	0	19.74	19.92	19.73		
20	16QAM	50	24	19.85	19.96	19.88	21.5	0
20	16QAM	50	50	19.81	19.83	19.73		
20	16QAM	100	0	19.88	19.90	19.87		
20	64QAM	1	0	19.71	19.86	19.78		
20	64QAM	1	49	19.91	19.82	19.72	21.5	0
20	64QAM	1	99	19.86	19.88	19.78		
20	64QAM	50	0	19.75	19.68	19.68		
20	64QAM	50	24	19.86	19.84	19.89	21.5	0
20	64QAM	50	50	19.73	19.69	19.62		
20	64QAM	100	0	19.84	19.90	19.81		
20	256QAM	1	0	18.40	18.40	18.34		
20	256QAM	1	49	18.45	18.42	18.39	20.7	0.5
20	256QAM	1	99	18.38	18.39	18.39		
20	256QAM	50	0	18.29	18.24	18.33		
20	256QAM	50	24	18.39	18.45	18.33	20.7	0.5
20	256QAM	50	50	18.32	18.48	18.39		
20	256QAM	100	0	18.32	18.48	18.35		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3447.5	3500	3547.5		
15	QPSK	1	0	19.88	19.95	19.84		
15	QPSK	1	37	19.93	19.89	19.79	21.5	0
15	QPSK	1	74	19.77	19.85	19.81		
15	QPSK	36	0	19.77	19.88	19.78		
15	QPSK	36	20	19.88	19.86	19.76	21.5	0
15	QPSK	36	39	19.89	19.89	19.83		
15	QPSK	75	0	19.76	19.87	19.73		
15	16QAM	1	0	19.83	19.82	19.74		
15	16QAM	1	37	19.80	19.74	19.66	21.5	0
15	16QAM	1	74	19.68	19.82	19.68		
15	16QAM	36	0	19.71	19.87	19.86		
15	16QAM	36	20	19.79	19.87	19.84	21.5	0
15	16QAM	36	39	19.70	19.73	19.79		
15	16QAM	75	0	19.84	19.79	19.83		
15	64QAM	1	0	19.86	19.82	19.76		
15	64QAM	1	37	19.75	19.71	19.69	21.5	0
15	64QAM	1	74	19.74	19.77	19.66		
15	64QAM	36	0	19.69	19.90	19.77		
15	64QAM	36	20	19.79	19.82	19.80	21.5	0
15	64QAM	36	39	19.60	19.84	19.79		
15	64QAM	75	0	19.73	19.85	19.79		
15	256QAM	1	0	18.32	18.32	18.22		
15	256QAM	1	37	18.43	18.35	18.29	20.7	0.5
15	256QAM	1	74	18.30	18.33	18.22		
15	256QAM	36	0	18.30	18.33	18.24		
15	256QAM	36	20	18.26	18.36	18.27	20.7	0.5
15	256QAM	36	39	18.35	18.35	18.29		
15	256QAM	75	0	18.22	18.35	18.27		
Channel				42140	42590	43040	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3450	3500	3550		
10	QPSK	1	0	19.86	19.95	19.83		
10	QPSK	1	24	19.76	19.87	19.79	21.5	0
10	QPSK	1	49	19.72	19.88	19.75		
10	QPSK	25	0	19.69	19.90	19.84		
10	QPSK	25	12	19.65	19.80	19.80	21.5	0
10	QPSK	25	25	19.60	19.83	19.81		
10	QPSK	50	0	19.79	19.76	19.74		
10	16QAM	1	0	19.63	19.76	19.79		
10	16QAM	1	24	19.61	19.81	19.80	21.5	0
10	16QAM	1	49	19.68	19.76	19.69		
10	16QAM	25	0	19.75	19.87	19.69		
10	16QAM	25	12	19.75	19.73	19.72	21.5	0
10	16QAM	25	25	19.75	19.86	19.88		
10	16QAM	50	0	19.75	19.86	19.88		
10	64QAM	1	0	19.68	19.80	19.82		
10	64QAM	1	24	19.72	19.76	19.82	21.5	0
10	64QAM	1	49	19.74	19.79	19.73		
10	64QAM	25	0	19.65	19.89	19.73		
10	64QAM	25	12	19.63	19.82	19.82	21.5	0
10	64QAM	25	25	19.63	19.78	19.71		
10	64QAM	50	0	19.69	19.80	19.77		
10	256QAM	1	0	18.29	18.29	18.29		
10	256QAM	1	24	18.29	18.30	18.27	20.7	0.5
10	256QAM	1	49	18.31	18.29	18.29		
10	256QAM	25	0	18.38	18.39	18.38		
10	256QAM	25	12	18.23	18.30	18.27	20.7	0.5
10	256QAM	25	25	18.24	18.35	18.39		
10	256QAM	50	0	18.11	18.24	18.35		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	19.88	19.96	19.85		
5	QPSK	1	12	19.92	19.85	19.77	21.5	0
5	QPSK	1	24	19.79	19.83	19.81		
5	QPSK	12	0	19.72	19.97	19.71		
5	QPSK	12	7	19.69	19.90	19.86		
5	QPSK	12	13	19.66	19.81	19.78	21.5	0
5	QPSK	12	24	19.75	19.83	19.75		
5	16QAM	1	0	19.73	19.79	19.74		
5	16QAM	1	12	19.62	19.79	19.78	21.5	0
5	16QAM	1	24	19.64	19.75	19.62		
5	16QAM	12	0	19.70	19.84	19.86		
5	16QAM	12	7	19.75	19.84	19.86	21.5	0
5	16QAM	12	13	19.73	19.73	19.77		
5	16QAM	25	0	19.62	19.84	19.87		
5	64QAM	1	0	19.66	19.83	19.82		
5	64QAM	1	12	19.70	19.79	19.82	21.5	0
5	64QAM	1	24	19.64	19.75	19.72		
5	64QAM	12	0	19.79	19.89	19.78		
5	64QAM	12	7	19.84	19.86	19.78	21.5	0
5	64QAM	12	13	19.64	19.86	19.78		
5	64QAM	12	24	19.77	19.83	19.77		
5	256QAM	1	0	19.30	19.39	19.31		
5	256QAM	1	12	19.37	19.36	19.32	20.7	0.5
5	256QAM	1	24	19.36	19.36	19.32		
5	256QAM	12	0	19.33	19.37	19.33		
5	256QAM	12	7	19.20	19.36	19.28	20.7	0.5
5	256QAM	12	13	19.42	19.37	19.36		
5	256QAM	12	24	19.26	19.35	19.38		

Band 42_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	19.13	19.18	19.12		
20	QPSK	1	49	19.06	19.01	19.09	20	0
20	QPSK	1	99	19.02	19.04	19.06		
20	QPSK	50	0	19.06	19.16	19.04		
20	QPSK	50	24	19.09	19.04	19.04	20	0
20	QPSK	50	50	19.06	18.96	19.13		
20	QPSK	100	0	19.07	19.08	19.04		
20	16QAM	1	0	19.05	18.96	19.07		
20	16QAM	1	49	19.05	19.03	19.05	20	0
20	16QAM	1	99	19.06	18.96	19.09		
20	16QAM	50	0	19.06	18.96	19.05		
20	16QAM	50	24	19.05	18.98	19.05	20	0
20	16QAM	50	50	19.03	19.04	19.02		
20	16QAM	100	0	19.06	18.97	19.02		
20	64QAM	1	0	19.04	19.01	19.09		
20	64QAM	1	49	19.04	19.03	19.06	20	0
20	64QAM	1	99	19.02	19.06	19.05		
20	64QAM	50	0	18.98	19.01	19.07		
20	64QAM	50	24	18.98	19.06	19.06	20	0
20	64QAM	50	50	18.98	19.05	19.07		
20	64QAM	100	0	19.00	19.02	19.01		
20	256QAM	1	0	18.06	18.04	18.03		
20	256QAM	1	49	18.06	18.06	18.06	20	0
20	256QAM	1	99	18.02	18.00	18.04		
20	256QAM	50	0	17.94	17.98	17.94		
20	256QAM	50	24	18.08	18.05	18.08	20	0
20	256QAM	50	50	18.05	18.00	18.04		
20	256QAM	100	0	18.00	18.02	18.01		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3447.5	3500	3547.5		
15	QPSK	1	0	18.98	18.96	19.03		
15	QPSK	1	37	18.96	18.96	18.96	20	0
15	QPSK	1	74	18.92	18.93	18.97		
15	QPSK	36	0	19.00	19.04	18.98		
15	QPSK	36	20	18.91	18.96	18.99	20	0
15	QPSK	36	39	18.86	18.98	19.02		
15	QPSK	75	0	18.94	19.01	19.00		
15	16QAM	1	0	18.92	18.98	18.92		
15	16QAM	1	37	18.94	18.98	18.96	20	0
15	16QAM	1	74	18.94	18.98	18.99		
15	16QAM	36	0	18.93	18.91	19.00		
15	16QAM	36	20	18.86	18.94	18.98	20	0
15	16QAM	36	39	18.90	18.96	18.96		
15	16QAM	75	0	18.93	18.99	18.95		
15	64QAM	1	0	18.91	18.98	18.92		
15	64QAM	1	37	18.96	18.99	18.92	20	0
15	64QAM	1	74	18.94	18.97	18.99		
15	64QAM	36	0	18.90	18.87	18.96		
15	64QAM	36	20	18.91	18.97	18.98	20	0
15	64QAM	36	39	18.89	18.85	18.93		
15	64QAM	75	0	18.89	18.96	18.96		
15	256QAM	1	0	18.03	18.03	18.03		
15	256QAM	1	37	18.03	18.05	18.06	20	0
15	256QAM	1	74	18.03	18.04	18.06		
15	256QAM	36	0	17.93	17.96	17.91		
15	256QAM	36	20	18.02	17.94	18.04	20	0
15	256QAM	36	39	18.02	18.00	18.01		
15	256QAM	75	0	18.00	18.07	18.00		
Channel				42140	42590	43040	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3450	3500	3550		
10	QPSK	1	0	19.03	19.14	19.02		
10	QPSK	1	24	19.01	18.92	18.98	20	0
10	QPSK	1	49	18.90	18.96	18.94		
10	QPSK	25	0	18.88	19.00	18.94		
10	QPSK	25	12	18.94	18.91	18.97	20	0
10	QPSK	25	25	18.93	18.91	19.00		
10	QPSK	50	0	18.92	18.96	18.92		
10	16QAM	1	0	18.99	18.97	18.95		
10	16QAM	1	24	18.99	18.96	18.96	20	0
10	16QAM	1	49	18.97	18.94	19.03		
10	16QAM	25	0	18.91	18.97	18.91		
10	16QAM	25	12	18.90	18.97	19.00	20	0
10	16QAM	25	25	18.92	18.96	19.01		
10	16QAM	50	0	18.93	18.97	18.89		
10	64QAM	1	0	18.91	18.92	18.88		
10	64QAM	1	24	18.97	18.98	18.89	20	0
10	64QAM	1	49	18.97	18.94	18.92		
10	64QAM	25	0	18.91	18.96	19.01		
10	64QAM	25	12	18.92	18.96	18.91	20	0
10	64QAM	25	25	18.92	18.98	18.92		
10	64QAM	50	0	18.91	18.94	18.93		
10	256QAM	1	0	18.10	18.10	18.09		
10	256QAM	1	24	18.09	18.09	18.08	20	0
10	256QAM	1	49	18.08	18.09	18.05		
10	256QAM	25	0	18.03	18.04	18.03		
10	256QAM	25	12	18.02	18.01	18.02	20	0
10	256QAM	25	25	18.03	18.04	18.04		
10	256QAM	50	0	18.00	18.00	18.00		
Channel				42115	42590	43065	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3452.5	3500	3547.5		
5	QPSK	1	0	19.12	19.10	19.09		
5	QPSK	1	12	19.07	18.94	18.95	20	0
5	QPSK	1	24	18.95	18.98	18.91		
5	QPSK	12	0	18.99	19.03	18.97		
5	QPSK	12	7	18.99	18.96	18.94		
5	QPSK	12	13	18.89	18.95	18.91	20	0
5	QPSK	12	24	18.93	18.96	18.91		
5	16QAM	1	0	18.98	18.90	19.00		
5	16QAM	1	12	18.98	18.97	18.94	20	0
5	16QAM	1	24	19.00	18.96	18.99		
5	16QAM	12	0	18.99	18.97	18.99		
5	16QAM	12	7	19.00	18.97	18.99	20	0
5	16QAM	12	13	18.98	18.96	18.98		
5	16QAM	25	0	18.95	18.95	18.97		
5	64QAM	1	0	18.93	18.93	18.94		
5	64QAM	1	12	18.99	19.03	18.89	20	0
5	64QAM	1	24	18.95	18.96	18.97		
5	64QAM	12	0	18.94	19.03	18.96		
5	64QAM	12	7	18.93	18.92	18.95	20	0
5	64QAM	12	13	18.99	18.99	18.98		
5	64QAM	12	24	18.98	18.96	18.91		
5	256QAM	1	0	18.03	18.04	18.01		
5	256QAM	1	12	18.02	18.08	18.02	20	0
5	256QAM	1	24	18.02	18.06	18.02		
5	256QAM	12	0	18.00	18.06	18.00		
5	256QAM	12	7	18.03	18.07	18.05	20	0
5	256QAM	12	13	18.00	18.06	18.00		
5	256QAM	25	0	18.00	18.00	18.00		

Band 42_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Power [dBm] / 5.0 MHz	Tune-up limit [dBm]	MPR [dB]
Channel				42190	42590	42990		
Frequency [MHz]				3460	3500	3540		
20	QPSK	1	0	20.02	19.98	19.98		
20	QPSK	1	49	19.91	20.03	19.93	21.5	0
20	QPSK	1	99	19.95	19.98	19.91		
20	QPSK	50	0	19.96	20.07	19.92		
20	QPSK	50	24	20.03	20.06	20.03	21.5	0
20	QPSK	50	50	19.95	19.97	19.92		
20	QPSK	100	0	20.02	20.02	19.93		
20	16QAM	1	0	19.94	19.99	19.95		
20	16QAM	1	49	19.91	19.95	19.93	21.5	0
20	16QAM	1	99	19.91	19.96	19.96		
20	16QAM	50	0	19.96	20.05	20.01

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mid Ch. [dBm]	Power Low High Ch. [dBm]	Power High Mid Ch. [dBm]	Power High High Ch. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55840		
Frequency [MHz]				3560	3585	3540	3590		
20	QPSK	1	0	21.09	21.04	21.33	21.40		
20	QPSK	1	49	21.09	21.45	21.41	21.21	23	0
20	QPSK	1	99	21.09	21.45	21.41	21.37		
20	QPSK	50	0	21.07	21.03	21.32	21.38		
20	QPSK	50	24	21.09	21.09	21.31	21.35	23	0
20	QPSK	50	50	21.09	21.04	21.46	21.38		
20	QPSK	100	0	21.09	21.01	21.33	21.43		
20	16QAM	1	0	21.00	21.47	21.40	21.30		
20	16QAM	1	49	21.09	21.38	21.47	21.30	23	0
20	16QAM	1	99	21.01	21.03	21.39	21.30		
20	16QAM	50	0	20.97	20.93	20.33	20.31		
20	16QAM	50	24	20.99	20.99	20.99	20.44	22	1
20	16QAM	50	50	20.92	20.47	20.33	20.31		
20	16QAM	100	0	20.99	20.93	20.92	20.37		
20	64QAM	1	0	20.96	20.47	20.38	20.31		
20	64QAM	1	49	20.99	20.43	20.40	20.26	22	1
20	64QAM	1	99	20.99	20.45	20.46	20.26		
20	64QAM	50	0	19.62	19.49	19.53	19.35		
20	64QAM	50	24	19.99	19.99	19.93	19.53	21	2
20	64QAM	50	50	19.65	19.52	19.49	19.39		
20	64QAM	100	0	19.74	19.69	19.59	19.57		
20	256QAM	1	0	17.62	17.46	17.34	17.36		
20	256QAM	1	49	17.66	17.39	17.38	17.20	19	4
20	256QAM	1	99	17.61	17.39	17.47	17.31		
20	256QAM	50	0	17.66	17.31	17.32	17.36		
20	256QAM	50	24	17.64	17.51	17.35	17.36	19	4
20	256QAM	50	50	17.66	17.36	17.38	17.23		
20	256QAM	100	0	17.55	17.47	17.41	17.26		
Channel				55170	55190	55140	55210	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3557.5	3559	3555	3562.5		
15	QPSK	1	0	21.06	21.04	21.40	21.42		
15	QPSK	1	37	21.03	21.41	21.37	21.09	23	0
15	QPSK	1	74	21.06	21.43	21.38	21.40		
15	QPSK	36	0	21.47	21.51	21.47	21.36		
15	QPSK	36	20	21.56	21.49	21.46	21.29	23	0
15	QPSK	36	39	21.46	21.44	21.39	21.29		
15	QPSK	75	0	21.56	21.50	21.46	21.36		
15	16QAM	1	0	21.49	21.41	21.40	21.24		
15	16QAM	1	37	21.55	21.39	21.38	21.20	23	0
15	16QAM	1	74	21.03	21.51	21.50	21.19		
15	16QAM	36	0	20.55	20.49	20.49	20.32		
15	16QAM	36	20	20.64	20.51	20.52	20.49	22	1
15	16QAM	36	39	20.56	20.36	20.47	20.27		
15	16QAM	75	0	20.57	20.43	20.47	20.34		
15	64QAM	1	0	20.42	20.39	20.27	20.09		
15	64QAM	1	37	20.57	20.43	20.39	20.22	22	1
15	64QAM	1	74	20.56	20.34	20.36	20.17		
15	64QAM	36	0	19.53	19.47	19.49	19.29		
15	64QAM	36	20	19.67	19.49	19.49	19.23		
15	64QAM	36	39	19.59	19.43	19.39	19.27	21	2
15	64QAM	75	0	19.69	19.49	19.52	19.33		
15	256QAM	1	0	17.54	17.24	17.40	17.32		
15	256QAM	1	37	17.56	17.39	17.39	17.19	19	4
15	256QAM	1	74	17.45	17.24	17.29	17.29		
15	256QAM	36	0	17.52	17.40	17.36	17.26		
15	256QAM	36	20	17.55	17.44	17.33	17.31	19	4
15	256QAM	36	39	17.47	17.36	17.33	17.21		
15	256QAM	75	0	17.52	17.39	17.35	17.22		
Channel				55090	55140	55040	55190	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3552.5	3557.5	3547.5	3567.5		
10	QPSK	1	0	21.05	21.40	21.30	21.46		
10	QPSK	1	25	21.49	21.41	21.39	21.19	23	0
10	QPSK	1	49	21.09	21.40	21.51	21.37		
10	QPSK	25	0	21.49	21.51	21.39	21.37		
10	QPSK	25	12	21.49	21.51	21.50	21.37	23	0
10	QPSK	25	25	21.56	21.49	21.41	21.33		
10	QPSK	50	0	21.56	21.49	21.41	21.33		
10	16QAM	1	0	21.56	21.38	21.40	21.20		
10	16QAM	1	25	21.56	21.51	21.40	21.16	23	0
10	16QAM	1	49	21.56	21.51	21.49	21.24		
10	16QAM	25	0	20.51	20.32	20.47	20.30		
10	16QAM	25	12	20.55	20.47	20.53	20.37	22	1
10	16QAM	25	25	20.53	20.40	20.40	20.21		
10	16QAM	50	0	20.57	20.53	20.46	20.26		
10	64QAM	1	0	20.40	20.43	20.40	20.27		
10	64QAM	1	25	20.46	20.39	20.37	20.24		
10	64QAM	1	49	20.49	20.42	20.49	20.17		
10	64QAM	25	0	19.59	19.39	19.46	19.29		
10	64QAM	25	12	19.59	19.47	19.53	19.27	21	2
10	64QAM	25	25	19.59	19.45	19.41	19.25		
10	64QAM	50	0	19.62	19.49	19.50	19.29		
10	256QAM	1	0	17.37	17.34	17.46	17.25		
10	256QAM	1	25	17.39	17.39	17.43	17.19	19	4
10	256QAM	1	49	17.45	17.34	17.43	17.20		
10	256QAM	25	0	17.41	17.40	17.40	17.20		
10	256QAM	25	12	17.35	17.49	17.40	17.20	19	4
10	256QAM	25	25	17.50	17.29	17.36	17.23		
10	256QAM	50	0	17.43	17.37	17.37	17.21		
Channel				55040	55090	54990	55140	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3550	3552.5	3547.5	3557.5		
5	QPSK	1	0	21.04	21.04	21.44	21.34		
5	QPSK	1	12	21.49	21.40	21.39	21.19	23	0
5	QPSK	1	24	21.57	21.52	21.34	21.27		
5	QPSK	12	0	21.53	21.57	21.46	21.34		
5	QPSK	12	6	21.54	21.49	21.43	21.33	23	0
5	QPSK	12	13	21.47	21.43	21.36	21.33		
5	QPSK	25	0	21.56	21.57	21.40	21.32		
5	16QAM	1	0	21.56	21.38	21.36	21.32		
5	16QAM	1	12	21.56	21.51	21.44	21.28	23	0
5	16QAM	1	24	21.49	21.46	21.46	21.19		
5	16QAM	12	0	20.60	20.49	20.47	20.30		
5	16QAM	12	7	20.66	20.55	20.57	20.36	22	1
5	16QAM	12	13	20.60	20.51	20.53	20.34		
5	16QAM	25	0	20.67	20.44	20.46	20.33		
5	64QAM	1	0	20.40	20.36	20.36	20.14		
5	64QAM	1	12	20.44	20.31	20.36	20.21	22	1
5	64QAM	1	24	20.49	20.36	20.33	20.19		
5	64QAM	12	0	19.57	19.43	19.41	19.30		
5	64QAM	12	7	19.59	19.49	19.46	19.30		
5	64QAM	12	13	19.53	19.55	19.46	19.30	21	2
5	64QAM	25	0	19.62	19.53	19.47	19.29		
5	256QAM	1	0	17.53	17.46	17.46	17.27		
5	256QAM	1	12	17.56	17.39	17.32	17.16	19	4
5	256QAM	1	24	17.46	17.28	17.49	17.21		
5	256QAM	12	0	17.53	17.43	17.47	17.31		
5	256QAM	12	7	17.56	17.41	17.39	17.27		
5	256QAM	12	13	17.52	17.39	17.32	17.16	19	4
5	256QAM	25	0	17.52	17.45	17.35	17.19		

Band 48_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mid Ch. [dBm]	Power Low High Ch. [dBm]	Power High Mid Ch. [dBm]	Power High High Ch. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55840		
Frequency [MHz]				3560	3585	3540	3590		
20	QPSK	1	0	19.97	19.96	19.56	19.79		
20	QPSK	1	49	19.82	19.91	19.74	19.79	21.5	0
20	QPSK	1	99	19.76	19.95	19.76	19.79		
20	QPSK	50	0	19.73	19.95	19.76	19.69		
20	QPSK	50	24	19.76	19.80	19.76	19.73	21.5	0
20	QPSK	50	50	19.82	19.84	19.79	19.81		
20	QPSK	100	0	19.76	19.80	19.77	19.83		
20	16QAM	1	0	19.73	19.96	19.71	19.83		
20	16QAM	1	49	19.73	19.96	19.73	19.83	21.5	0
20	16QAM	1	99	19.72	19.90	19.76	19.89		
20	16QAM	50	0	19.81	19.80	19.76	19.89		
20	16QAM	50	24	19.74	19.86	19.75	19.82	21.5	0
20	16QAM	50	50	19.82	19.86	19.77	19.83		
20	16QAM	100	0	19.81	19.83	19.79	19.83		
20	64QAM	1	0	19.76	19.89	19.76	19.89		
20	64QAM	1	49	19.73	19.86	19.70	19.89	21.5	0
20	64QAM	1	99	19.82	19.90	19.71	19.79		
20	64QAM	50	0	19.74	19.85	19.73	19.82		
20	64QAM	50	24	19.74	19.86	19.78	19.89	21.5	0
20	64QAM	50	50	19.76	19.83	19.74	19.88		
20	64QAM	100	0	19.80	19.87	19.76	19.88		
20	256QAM	1	0	19.76	19.73	19.76	19.85		
20	256QAM	1	49	19.76	19.73	19.70	19.85	20.5	1
20	256QAM	1	99	19.76	19.73	19.70	19.85		
20	256QAM	50	0	19.73	19.76	19.84	19.83		
20	256QAM	50	24	19.73	19.86	19.69	19.87	20.5	1
20	256QAM	50	50	19.77	19.76	19.76	19.85		
20	256QAM	100	0	19.69	19.76	19.78	19.71		
Channel				55190	55240	55140	55290	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3557.5	3565	3547.5	3572.5		
15	QPSK	1	0	19.76	19.86	19.76	19.85		
15	QPSK	1	37	19.74	19.86	19.63	19.70	21.5	0
15	QPSK	1	74	19.83	19.79	19.71	19.89		
15	QPSK	36	0	19.80	19.74	19.64	19.74		
15	QPSK	36	20	19.86	19.77	19.66	19.76	21.5	0
15	QPSK	36	39	19.74	19.79	19.65	19.69		
15	QPSK	75	0	19.84	19.89	19.70	19.89		
15	16QAM	1	0	19.89	19.72	19.61	19.71		
15	16QAM	1	37	19.86	19.76	19.66	19.76	21.5	0
15	16QAM	1	74	19.89	19.79	19.67	19.82		
15	16QAM	36	0	19.76	19.71	19.66	19.72		
15	16QAM	36	20	19.89	19.83	19.65	19.71	21.5	0
15	16QAM	36	39	19.76	19.76	19.67	19.75		
15	16QAM	75	0	19.71	19.78	19.68	19.79		
15	64QAM	1	0	19.82	19.77	19.68	19.79		
15	64QAM	1	37	19.88	19.80	19.68	19.79	21.5	0
15	64QAM	1	74	19.74	19.86	19.68	19.89		
15	64QAM	36	0	19.80	19.76	19.66	19.79		
15	64QAM	36	20	19.66	19.81	19.69	19.79	21.5	0
15	64QAM	36	39	19.70	19.87	19.69	19.79		
15	64QAM	75	0	19.73	19.81	19.69	19.79		
15	256QAM	1	0	19.82	19.83	19.65	19.72		
15	256QAM	1	37	19.66	19.86	19.67	19.77	20.5	1
15	256QAM	1	74	19.81	19.68	19.65	19.73		
15	256QAM	36	0	19.66	19.76	19.71	19.69		
15	256QAM	36	20	19.86	19.71	19.74	19.69	20.5	1
15	256QAM	36	39	19.81	19.84	19.65	19.69		
15	256QAM	75	0	19.81	19.64	19.65	19.69		
Channel				55090	55140	55040	55190	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3552.5	3557.5	3547.5	3567.5		
10	QPSK	1	0	19.76	19.86	19.74	19.89		
10	QPSK	1	25	19.74	19.86	19.68	19.69		
10	QPSK	1	49	19.71	19.75	19.68	19.79	21.5	0
10	QPSK	25	0	19.82	19.80	19.64	19.72		
10	QPSK	25	12	19.82	19.74	19.68	19.72	21.5	0
10	QPSK	25	25	19.75	19.76	19.67	19.76		
10	QPSK	50	0	19.86	19.77	19.65	19.79		
10	16QAM	1	0	19.84	19.77	19.66	19.79		
10	16QAM	1	25	19.86	19.77	19.61	19.79	21.5	0
10	16QAM	1	49	19.82	19.77	19.61	19.89		
10	16QAM	25	0	19.76	19.74	19.67	19.71		
10	16QAM	25	12	19.82	19.74	19.67	19.76	21.5	0
10	16QAM	25	25	19.73	19.79	19.63	19.73		
10	16QAM	50	0	19.71	19.76	19.69	19.79		
10	64QAM	1	0	19.71	19.68	19.70	19.79		
10	64QAM	1	25	19.80	19.84	19.71	19.79	21.5	0
10	64QAM	1	49	19.71	19.79	19.69	19.79		
10	64QAM	25	0	19.82	19.77	19.63	19.73		
10	64QAM	25	12	19.84	19.77	19.69	19.79	21.5	0
10	64QAM	25	25	19.86	19.77	19.68	19.86		
10	64QAM	50	0	19.81	19.83	19.68	19.79		
10	256QAM	1	0	19.74	19.74	19.67	19.71		
10	256QAM	1	25	19.68	19.84	19.68	19.79	20.5	1
10	256QAM	1	49	19.83	19.69	19.64	19.75		
10	256QAM	25	0	19.68	19.71	19.71	19.71		
10	256QAM	25	12	19.85	19.77	19.70	19.89	20.5	1
10	256QAM	25	25	19.71	19.79	19.67	19.73		
10	256QAM	50	0	19.88	19.67	19.68	19.85		
Channel				55040	55090	54990	55140	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3550	3552.5	3547.5	3557.5		
5	QPSK	1	0	19.76	19.86	19.71	19.85		
5	QPSK	1	12	19.97	19.94	19.69	19.89	21.5	0
5	QPSK	1	24	19.76	19.77	19.68	19.79		
5	QPSK	12	0	19.81	19.72	19.71	19.69		
5	QPSK	12	6	19.76	19.86	19.67	19.73	21.5	0
5	QPSK	12	13	19.74	19.69	19.65	19.69		
5	QPSK	25	0	19.68	19.74	19.65	19.73		
5	16QAM	1	0	19.80	19.80	19.62	19.73		
5	16QAM	1	12	19.80	19.84	19.64	19.79	21.5	0
5	16QAM	1	24	19.85	19.83	19.65	19.79		
5	16QAM	12	0	19.73	19.80	19.63	19.75		
5	16QAM	12	7	19.87	19.80	19.67	19.89	21.5	0
5	16QAM	12	13	19.68	19.84	19.67	19.77		
5	16QAM	25	0	19.74	19.75	19.65	19.73		
5	64QAM	1	0	19.84	19.84	19.67	19.79		
5	64QAM	1	12	19.83	19.82	19.64	19.78	21.5	0
5	64QAM	1	24	19.87	19.71	19.65	19.89		
5	64QAM	12	0	19.83	19.79	19.63	19.68		
5	64QAM	12	7	19.85	19.87	19.65	19.79	21.5	0
5	64QAM	12	13	19.65	19.87	19.65	19.74		
5	64QAM	25	0	19.80	19.84	19.64	19.77		
5	256QAM	1	0	19.80	19.84	19.70	19.77		
5	256QAM	1	12	19.81	19.86	19.66	19.79	20.5	1
5	256QAM	1	24	19.88	19.69	19.66	19.77		
5	256QAM	12	0	19.86	19.86	19.70	19.77		
5	256QAM	12	7	19.86	19.71	19.70	19.91	20.5	1
5	256QAM	12	13	19.84	19.82	19.64	19.89		
5	256QAM	25	0	19.84	19.82	19.64	19.89		

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Mid Ch. [dBm]	Power Low High Ch. [dBm]	Power High Mid Ch. [dBm]	Power High High Ch. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55340	55590	55190	55840		
Frequency [MHz]				3560	3585	3540	3590		
20	QPSK	1	0	16.44	16.48	16.61	16.58		
20	QPSK	1	49	16.44	16.80	16.58	16.51	17.5	0
20	QPSK	1	99	16.41	16.86	16.53	16.49		
20	QPSK	50	0	16.41	16.86	16.53	16.49		
20	QPSK	50	24	16.40	16.88	16.48	16.50	17.5	0
20	QPSK	50	50	16.50	16.84	16.54	16.48		
20	QPSK	100	0	16.48	16.88	16.53	16.47		
20	16QAM	1	0	16.49	16.87	16.57	16.55		
20	16QAM	1	49	16.49	16.84	16.54	16.50	17.5	0
20	16QAM	1	99	16.49	16.85	16.57	16.48		
20	16QAM	50	0	16.48	16.86	16.52	16.46		
20	16QAM	50	24	16.42	16.86	16.57	16.50	17.5	0
20	16QAM	50	50	16.49	16.81	16.49	16.50		
20	16QAM	100	0	16.44	16.86	16.58	16.45		
20	64QAM	1	0	16.49	16.80	16.48	16.50		
20	64QAM	1	49	16.49	16.84	16.53	16.53	17.5	0
20	64QAM	1	99	16.49	16.84	16.53	16.47		
20	64QAM	50	0	16.45	16.80	16.55	16.43		
20	64QAM	50	24	16.42	16.87	16.54	16.51	17.5	0
20	64QAM	50	50	16.46	16.87	16.57	16.45		
20	64QAM	100	0	16.44	16.84	16.54	16.53		
20	256QAM	1	0	16.41	16.39	16.52	16.49		
20	256QAM	1	49	16.44	16.39	16.56	16.52	17.5	0
20	256QAM	1	99	16.46	16.39	16.50	16.53		
20	256QAM	50	0	16.45	16.50	16.54	16.53		
20	256QAM	50	24	16.41	16.37	16.48	16.44	17.5	0
20	256QAM	50	50	16.45	16.50	16.54	16.47		
20	256QAM	100	0	16.50	16.44	16.57	16.45		
Channel				55190	55240	55140	55290	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3557.5	3565	3547.5	3572.5		
15	QPSK	1	0	16.40	16.37	16.41	16.38		
15	QPSK	1	37	16.32	16.35	16.53	16.45	17.5	0
15	QPSK	1	74	16.34	16.47	16.41	16.42		
15	QPSK	36	0	16.27	16.53	16.50	16.42		
15	QPSK	36	20	16.28	16.47	16.37	16.41	17.5	0
15	QPSK	36	39	16.27	16.53	16.51	16.44		
15	QPSK	75	0	16.40	16.51	16.45	16.34		
15	16QAM	1	0	16.44	16.53	16.44	16.46		
15	16QAM	1	37	16.37	16.51	16.46	16.44	17.5	0
15	16QAM	1	74	16.43	16.38	16.50	16.46		
15	16QAM	36	0	16.44	16.46	16.46	16.46		
15	16QAM	36	20	16.38	16.49	16.44	16.45	17.5	0
15	16QAM	36	39	16.33	16.38	16.38	16.42		
15	16QAM	75	0	16.42	16.46	16.56	16.37		
15	64QAM	1	0	16.30	16.46	16.39	16.42		
15	64QAM	1	37	16.44	16.37	16.40	16.43	17.5	0
15	64QAM	1	74	16.38	16.46	16.38	16.42		
15	64QAM	36	0	16.30	16.49	16.38	16.34		
15	64QAM	36	20	16.34	16.51	16.48	16.48	17.5	0
15	64QAM	36	39	16.38	16.46	16.51	16.39		
15	64QAM	75	0	16.31	16.46	16.40	16.38		
15	256QAM	1	0	16.34	16.49	16.40	16.42		
15	256QAM	1	37	16.38	16.47	16.42	16.41	17.5	0
15	256QAM	1	74	16.30	16.45	16.42	16.38		
15	256QAM	36	0	16.34	16.55	16.42	16.39		
15	256QAM	36	20	16.34	16.55	16.42	16.39	17.5	0
15	256QAM	36	39	16.30	16.53	16.44	16.44		
15	256QAM	75	0	16.48	16.51	16.49	16.37		
Channel				55090	55140	55040	55190	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3552.5	3557.5	3547.5	3567.5		
10	QPSK	1	0	16.34	16.51	16.45	16.43		
10	QPSK	1	25	16.38	16.53	16.48	16.43	17.5	0
10	QPSK	1	49	16.39	16.57	16.45	16.43		
10	QPSK	25	0	16.39	16.58	16.47	16.45		
10	QPSK	25	12	16.27	16.55	16.45	16.39	17.5	0
10	QPSK	25	25	16.40	16.56	16.50	16.39		
10	QPSK	50	0	16.43	16.56	16.51	16.43		
10	16QAM	1	0	16.37	16.54	16.50	16.43		
10	16QAM	1	25	16.40	16.52	16.52	16.42	17.5	0
10	16QAM	1	49	16.40	16.56	16.47	16.40		
10	16QAM	25	0	16.35	16.54	16.48	16.42		
10	16QAM	25	12	16.36	16.54	16.53	16.45	17.5	0
10	16QAM	25	25	16.39	16.52	16.39	16.47		
10	16QAM	50	0	16.34	16.48	16.51	16.35		
10	64QAM	1	0	16.41	16.52	16.48	16.42		
10	64QAM	1	25	16.40	16.57	16.49	16.47	17.5	0
10	64QAM	1	49	16.40	16.52	16.50	16.47		
10	64QAM	25	0	16.42	16.52	16.47	16.40		
10	64QAM	25	12	16.42	16.50	16.47	16.40	17.5	0
10	64QAM	25	25	16.39	16.53	16.55	16.42		
10	64QAM	50	0	16.32	16.50	16.41	16.41		
10	256QAM	1	0	16.28	16.54	16.48	16.43		
10	256QAM	1	25	16.34	16.52	16.48	16.42	17.5	0
10	256QAM	1	49	16.33	16.53	16.45	16.45		
10	256QAM	25	0	16.42	16.54	16.47	16.43		
10	256QAM	25	12	16.31	16.

Uplink CA Power

CA_7C_Ant0
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	Default Power	21.83	23.00
21100	20902	QPSK	1	0	0	0	1	0	Default Power	21.85	23.00
21350	21152	QPSK	1	0	0	0	1	0	Default Power	21.78	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	21.83	23.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	21.85	23.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	21.78	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	21.26	22.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	21.31	22.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	21.06	22.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	21.83	23.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 4	21.85	23.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	21.78	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 5	21.26	22.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 5	21.31	22.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 5	21.06	22.50

CA_38C_Ant0
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	Default Power	21.75	23.00
37901	38099	QPSK	1	0	0	0	1	0	Default Power	21.80	23.00
38150	37952	QPSK	1	0	0	0	1	0	Default Power	21.72	23.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	21.75	23.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	21.80	23.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	21.72	23.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	19.76	21.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	19.80	21.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	19.67	21.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	21.75	23.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	21.80	23.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	21.72	23.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 5	19.76	21.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 5	19.80	21.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 5	19.67	21.00

CA_7C_Ant1
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	Default Power	22.65	24.00
21100	20902	QPSK	1	0	0	0	1	0	Default Power	22.83	24.00
21350	21152	QPSK	1	0	0	0	1	0	Default Power	22.79	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	15.75	17.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	15.83	17.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	15.80	17.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	19.58	21.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	19.81	21.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	19.75	21.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	22.65	24.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 4	22.83	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	22.79	24.00
20850	21048	QPSK	50	0	0	0	1	0	DSI 5	15.75	17.00
21100	20902	QPSK	50	0	0	0	1	0	DSI 5	15.83	17.00
21350	21152	QPSK	50	0	0	0	1	0	DSI 5	15.80	17.00

CA_38C_Ant1
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	Default Power	22.66	24.00
37901	38099	QPSK	1	0	0	0	1	0	Default Power	22.78	24.00
38150	37952	QPSK	1	0	0	0	1	0	Default Power	22.63	24.00
37850	38048	QPSK	50	0	0	0	1	0	DSI 1	16.90	18.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 1	16.96	18.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 1	16.92	18.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	19.14	20.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	19.41	20.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	18.93	20.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	22.66	24.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	22.78	24.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	22.63	24.00
37850	38048	QPSK	50	0	0	0	1	0	DSI 5	16.90	18.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 5	16.96	18.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 5	16.92	18.00

CA_7C_Ant2
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	Default Power	24.69	25.50
21100	20902	QPSK	1	0	0	0	1	0	Default Power	24.71	25.50
21350	21152	QPSK	1	0	0	0	1	0	Default Power	24.65	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	24.69	25.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	24.71	25.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	24.65	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	21.47	22.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	21.67	22.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	21.58	22.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	24.69	25.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 4	24.71	25.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	24.65	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 5	21.47	22.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 5	21.67	22.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 5	21.58	22.50

CA_38C_Ant2
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	Default Power	24.31	25.50
37901	38099	QPSK	1	0	0	0	1	0	Default Power	24.39	25.50
38150	37952	QPSK	1	0	0	0	1	0	Default Power	24.28	25.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	24.31	25.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	24.39	25.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	24.28	25.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	23.21	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	23.41	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	23.17	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	24.31	25.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	24.39	25.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	24.28	25.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 5	23.21	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 5	23.41	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 5	23.17	24.50

CA_7C_Ant3
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	Default Power	24.03	25.20
21100	20902	QPSK	1	0	0	0	1	0	Default Power	24.15	25.20
21350	21152	QPSK	1	0	0	0	1	0	Default Power	24.06	25.20
20850	21048	QPSK	50	0	0	0	1	0	DSI 1	19.96	21.20
21100	20902	QPSK	50	0	0	0	1	0	DSI 1	20.06	21.20
21350	21152	QPSK	50	0	0	0	1	0	DSI 1	19.99	21.20
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	21.15	22.20
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	21.22	22.20
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	21.08	22.20
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	24.03	25.20
21100	20902	QPSK	1	0	0	0	1	0	DSI 4	24.15	25.20
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	24.06	25.20
20850	21048	QPSK	1	0	0	0	1	0	DSI 5	19.96	21.20
21100	20902	QPSK	1	0	0	0	1	0	DSI 5	20.06	21.20
21350	21152	QPSK	1	0	0	0	1	0	DSI 5	19.99	21.20

CA_38C_Ant3
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	Default Power	24.46	25.70
37901	38099	QPSK	1	0	0	0	1	0	Default Power	24.57	25.70
38150	37952	QPSK	1	0	0	0	1	0	Default Power	24.35	25.70
37850	38048	QPSK	50	0	0	0	1	0	DSI 1	21.53	22.70
37901	38099	QPSK	50	0	0	0	1	0	DSI 1	21.60	22.70
38150	37952	QPSK	50	0	0	0	1	0	DSI 1	21.50	22.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	22.39	23.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	22.61	23.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	22.51	23.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	24.46	25.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	24.57	25.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	24.35	25.70
37850	38048	QPSK	50	0	0	0	1	0	DSI 5	21.53	22.70
37901	38099	QPSK	50	0	0	0	1	0	DSI 5	21.60	22.70
38150	37952	QPSK	50	0	0	0	1	0	DSI 5	21.50	22.70

Downlink CA Power

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-25A	Band 12	10M	707.5	23095	QPSK	1	0	Band 25	20M	1962.5	8365	24.79	24.98
		CA_2A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	24.01	24.26
		CA_2A-17A	Band 2	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	23.86	24.26
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	23.89	24.26
		CA_41A-48A	Band 41	20	2593	40620	QPSK	1	0	Band 48	20M	3625	55990	24.21	24.31
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	23.46	23.66
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.49	23.66
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	24.31	24.47
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	24.15	24.30
		CA_7A-42A	Band 7	20M	2535	21100	QPSK	1	0	Band 42	20M	3575	43340	24.12	24.30
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	22.97	23.04
Intra-Band	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	23.97	24.26
		CA_38C	Band 38	20M	2595	37850	QPSK	1	0	Band 38	20M	2614.80	38198	24.37	24.62
		CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	24.16	24.31
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	22.96	23.04
		CA_42C	Band 42	20M	3560	43190	QPSK	1	0	Band 42	20M	3579.00	43388	22.85	23.00

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-66A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.87	24.98
		CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	24.03	24.26
		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.97	24.26
		CA_5A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.21	24.47
		CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	5M	2197.5	67311	24.19	24.47
		CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.28	24.47
		CA_7A-66A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.11	24.30
		CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2675.8	41448	24.09	24.31
Intra-Band	Non-Contiguous	CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.41	23.66
		CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.16	24.47

4CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.06	24.26
		CA_48C-66A-66A	Band 48	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 66	20M	2145	66786	Band 66	5M	2112.5	66461	22.46	22.62
Intra-Band	Non-Contiguous	CA_48A-48D	Band 48	20M	3609	55830	QPSK	1	0	Band 48	20M	3650.4	56244	Band 48	20M	3670.2	56442	Band 48	20M	3690	56640	22.54	22.62
		CA_48C-48C	Band 48	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 48	20M	3670.2	56442	Band 48	20M	3690	56640	22.48	22.62

Default Power for CA&EN-DC LTE Main PA

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.11	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.66	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.61	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.40	23.5	2
20	64QAM	1	49	22.42	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.16	21.06	22.5	3
20	64QAM	50	24	21.16	21.09	21.22		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
15	256QAM	1	0	19.35	19.37	19.34	20.5	5
15	256QAM	1	49	19.38	19.50	19.58		
15	256QAM	1	99	19.33	19.35	19.51		
15	256QAM	50	0	19.28	19.36	19.32		
15	256QAM	50	24	19.26	19.10	19.26	20.5	5
15	256QAM	50	50	19.34	19.27	19.35		
15	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.15		
15	QPSK	36	39	23.04	23.16	23.18		
15	QPSK	75	0	23.14	23.10	23.21		
16	16QAM	1	0	23.27	23.15	23.35	24.5	1
16	16QAM	1	37	23.65	22.97	23.43		
16	16QAM	1	74	23.55	23.26	23.78		
16	16QAM	36	0	22.05	22.03	22.18	23.5	2
16	16QAM	36	20	21.93	21.96	22.01		
16	16QAM	36	39	22.11	22.16	22.14		
16	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36	23.5	2
15	64QAM	1	37	22.09	21.92	21.99		
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03	22.5	3
15	64QAM	36	20	20.98	20.93	21.02		
15	64QAM	36	39	21.03	21.03	21.06		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.10	24.09	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.04		
10	QPSK	1	49	24.06	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.96	23.03		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	16QAM	1	0	23.26	23.02	23.38	24.5	1
10	16QAM	1	25	23.62	22.85	23.40		
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	21.99	21.91	22.09		
10	16QAM	25	25	22.09	22.06	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	64QAM	1	0	22.21	21.79	22.37	23.5	2
10	64QAM	1	25	22.22	22.21	22.06		
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.11	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.98	21.21		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	25	19.23	19.60	19.54		
10	256QAM	1	49	19.13	19.36	19.39		
10	256QAM	25	0	19.17	19.26	19.08	20.5	5
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.06		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.08	23.05	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.13	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.86		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.95	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.21		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.26	19.33	19.12		
5	256QAM	25	0	19.20	19.34	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.99	24.04	25.5	0
3	QPSK	1	7	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.96	22.10		
3	16QAM	8	7	22.16	22.01	22.13		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	20.99	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.12	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.02		
1.4	QPSK	3	0	23.95	23.95	23.92		
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.85	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.38		
1.4	16QAM	1	5	23.56	23.02	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.68	23.34		
1.4	16QAM	3	3	23.45	23.19	23.65		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.96	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.15		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.19	24.26	24.22	25.5	0
20	QPSK	1	49	23.98	24.10	24.06		
20	QPSK	1	99	23.93	24.06	24.05		
20	QPSK	50	0	23.20	23.30	23.24	24.5	1
20	QPSK	50	24	23.17	23.12	23.03		
20	QPSK	50	50	23.16	23.18	23.05		
20	QPSK	100	0	23.21	23.30	23.23		
20	16QAM	1	0	23.22	22.96	23.23	24.5	1
20	16QAM	1	49	23.61	22.75	23.56		
20	16QAM	1	99	23.31	23.43	23.41		
20	16QAM	50	0	22.12	22.12	22.20	23.5	2
20	16QAM	50	24	22.07	22.20	22.16		
20	16QAM	50	50	22.12	22.10	22.23		
20	16QAM	100	0	22.02	22.10	22.12		
20	64QAM	1	0	22.14	22.28	22.03	23.5	2
20	64QAM	1	49	22.03	22.07	21.99		
20	64QAM	1	99	21.99	22.24	22.08		
20	64QAM	50	0	21.13	21.17	21.12	22.5	3
20	64QAM	50	24	21.20	21.22	21.08		
20	64QAM	50	50	21.13	21.25	21.25		
20	64QAM	100	0	21.11	21.16	21.01		
15	256QAM	1	0	19.31	19.34	19.32	20.5	5
15	256QAM	1	49	19.47	19.60	19.53		
15	256QAM	1	99	19.50	19.60	19.48		
15	256QAM	50	0	19.32	19.42	19.21	20.5	5
15	256QAM	50	24	19.23	19.36	19.30		
15	256QAM	50	50	19.36	19.41	19.34		
15	256QAM	100	0	19.28	19.41	19.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.06	24.06	24.08	25.5	0
15	QPSK	1	37	23.98	23.94	24.03		
15	QPSK	1	74	23.91	23.93	23.91		
15	QPSK	36	0	23.17	23.14	22.99	24.5	1
15	QPSK	36	20	23.17	23.08	22.95		
15	QPSK	36	39	23.04	23.12	22.93		
15	QPSK	75	0	22.98	23.07	22.96		
16	16QAM	1	0	23.42	23.08	23.65	24.5	1
16	16QAM	1	37	23.47	22.85	23.46		
16	16QAM	1	74	23.18	23.37	23.32		
16	16QAM	36	0	21.96	22.10	22.12	23.5	2
16	16QAM	36	20	21.97	22.01	22.00		
16	16QAM	36	39	22.03	21.86	21.97		
16	16QAM	75	0	21.92	22.00	22.09		
15	64QAM	1	0	21.97	22.43	22.04	23.5	2
15	64QAM	1	37	22.03	21.83	21.84		
15	64QAM	1	74	21.88	22.02	21.86		
15	64QAM	36	0	21.05	21.04	21.02	22.5	3
15	64QAM	36	20	20.96	21.04	21.03		
15	64QAM	36	39	21.04	21.15	21.10		
15	64QAM	75	0	20.96	21.07	20.97		
15	256QAM	1	0	19.13	19.21	19.20	20.5	5
15	256QAM	1	37	19.29	19.44	19.36		
15	256QAM	1	74	19.41	19.54	19.42		
15	256QAM	36	0	19.15	19.22	19.09	20.5	5
15	256QAM	36	20	19.14	19.24	19.19		
15	256QAM	36	39	19.18	19.26	19.30		
15	256QAM	75	0	19.31	19.25	19.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.00	24.01	24.00	25.5	0
10	QPSK	1	25	23.83	23.97	24.05		
10	QPSK	1	49	23.86	23.88	24.01		
10	QPSK	25	0	23.05	23.13	23.06	24.5	1
10	QPSK	25	12	23.03	22.91	23.07		
10	QPSK	25	25	23.11	23.02	22.97		
10	QPSK	50	0	23.03	23.16	23.06		
10	16QAM	1	0	23.01	22.92	23.15	24.5	1
10	16QAM	1	25	23.49	22.84	23.40		
10	16QAM	1	49	23.17	23.31	23.22		
10	16QAM	25	0	21.94	21.95	22.05	23.5	2
10	16QAM	25	12	22.03	22.08	22.10		
10	16QAM	25	25	22.05	22.01	22.07		
10	16QAM	50	0	22.00	22.03	22.11		
10	64QAM	1	0	22.04	22.48	22.00	23.5	2
10	64QAM	1	25	22.03	22.10	21.96		
10	64QAM	1	49	21.82	21.92	21.93		
10	64QAM	25	0	21.03	21.09	21.05	22.5	3
10	64QAM	25	12	21.01	21.07	21.00		
10	64QAM	25	25	21.05	21.15	21.15		
10	64QAM	50	0	21.05	21.13	21.03		
10	256QAM	1	0	19.17	19.15	19.16	20.5	5
10	256QAM	1	25	19.32	19.43	19.34		
10	256QAM	1	49	19.48	19.56	19.40		
10	256QAM	25	0	19.13	19.23	19.21	20.5	5
10	256QAM	25	12	19.14	19.20	19.28		
10	256QAM	25	25	19.16	19.31	19.31		
10	256QAM	50	0	19.18	19.32	19.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.03	24.09	23.93	25.5	0
5	QPSK	1	12	23.97	24.05	23.94		
5	QPSK	1	24	23.77	23.96	24.09		
5	QPSK	12	0	23.24	23.19	22.99	24.5	1
5	QPSK	12	7	23.05	22.91	22.91		
5	QPSK	12	13	23.05	22.96	22.91		
5	QPSK	25	0	23.04	23.13	23.05		
5	16QAM	1	0	23.16	22.90	23.06	24.5	1
5	16QAM	1	12	23.46	22.84	23.51		
5	16QAM	1	24	23.29	23.31	23.32		
5	16QAM	12	0	22.03	21.99	22.05	23.5	2
5	16QAM	12	7	21.97	22.07	22.02		
5	16QAM	12	13	21.98	22.07	22.08		
5	16QAM	25	0	21.86	22.06	21.96		
5	64QAM	1	0	21.99	22.45	21.97	23.5	2
5	64QAM	1	12	22.13	22.07	21.95		
5	64QAM	1	24	21.98	22.16	21.88		
5	64QAM	12	0	21.04	21.08	21.06	22.5	3
5	64QAM	12	7	21.10	21.06	20.96		
5	64QAM	12	13	21.05	21.15	21.14		
5	64QAM	25	0	21.04	21.07	20.87		
5	256QAM	1	0	19.20	19.31	19.12	20.5	5
5	256QAM	1	12	19.39	19.47	19.27		
5	256QAM	1	24	19.16	19.30	19.39		
5	256QAM	12	0	19.18	19.32	19.10	20.5	5
5	256QAM	12	7	19.21	19.17	19.17		
5	256QAM	12	13	19.13	19.31	19.33		
5	256QAM	25	0	19.16	19.13	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.87	24.16	24.06	25.5	0
3	QPSK	1	7	23.95	24.33	24.42		
3	QPSK	1	14	23.96	23.87	23.92		
3	QPSK	8	0	23.16	23.21	22.93	24.5	1
3	QPSK	8	4	23.10	22.90	23.03		
3	QPSK	8	7	23.12	23.11	23.00		
3	QPSK	15	0	23.01	23.08	23.06		
3	16QAM	1	0	23.12	22.74	23.13	24.5	1
3	16QAM	1	8	23.59	22.85	23.59		
3	16QAM	1	14	23.23	23.10	23.27		
3	16QAM	8	0	21.93	21.96	22.15	23.5	2
3	16QAM	8	4	22.06	22.18	21.98		
3	16QAM	8	7	22.01	22.03	22.04		
3	16QAM	15	0	21.95	22.06	22.13		
3	64QAM	1	0	22.00	22.37	21.98	23.5	2
3	64QAM	1	8	21.99	22.21	21.82		
3	64QAM	1	14	21.85	22.07	21.87		
3	64QAM	8	0	21.00	20.97	21.10	22.5	3
3	64QAM	8	4	21.06	21.07	21.04		
3	64QAM	8	7	20.95	21.06	21.19		
3	64QAM	15	0	20.96	21.04	21.05		
3	256QAM	1	0	19.19	19.19	19.12	20.5	5
3	256QAM	1	8	19.35	19.44	19.45		
3	256QAM	1	14	19.37	19.47	19.43		
3	256QAM	8	0	19.13	19.29	19.10	20.5	5
3	256QAM	8	4	19.27	19.30	19.20		
3	256QAM	8	7	19.21	19.25	19.28		
3	256QAM	15	0	19.24	19.40	19.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.00	24.06	24.03	25.5	0
1.4	QPSK	1	3	23.91	23.84	23.99		
1.4	QPSK	1	5	23.87	23.95	24.12		
1.4	QPSK	3	0	23.81	23.95	23.91		
1.4	QPSK	3	1	23.86	23.81	24.00		
1.4	QPSK	3	3	23.72	23.96	24.04		
1.4	QPSK	6	0	23.00	23.15	23.03	24.5	1
1.4	16QAM	1	0	23.21	22.85	23.06	24.5	1
1.4	16QAM	1	3	23.48	22.74	23.45		
1.4	16QAM	1	5	23.27	23.02	23.35		
1.4	16QAM	3	0	23.12	22.76	23.04		
1.4	16QAM	3	1	23.40	22.81	23.38		
1.4	16QAM	3	3	23.12	23.20	23.29		
1.4	16QAM	6	0	21.88	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.01	22.50	21.97	23.5	2
1.4	64QAM	1	3	22.02	22.23	21.86		
1.4	64QAM	1	5	21.81	21.85	21.81		
1.4	64QAM	3	0	22.01	22.29	21.84		
1.4	64QAM	3	1	21.89	22.09	22.70		
1.4	64QAM	3	3	21.77	21.90	22.82		
1.4	64QAM	6	0	20.98	21.07	20.99	22.5	3
1.4	256QAM	1	0	19.18	19.22	19.24	20.5	5
1.4	256QAM	1	3	19.42	19.42	19.38		
1.4	256QAM	1	5	19.33	19.51	19.38		
1.4	256QAM	3	0	19.16	19.32	19.14		
1.4	256QAM	3	1	19.13	19.17	19.20		
1.4	256QAM	3	3	19.23	19.37	19.25		
1.4	256QAM	6	0	19.25	19.29	19.12	20.5	5

Band 4_Ant 2

BW [MHz]	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	24.48	24.63	24.53	25.5	0
20	QPSK	1	49	24.31	24.43	24.53		
20	QPSK	1	99	24.45	24.41	24.17		
20	QPSK	50	0	23.50	23.60	23.43	24.5	1
20	QPSK	50	24	23.30	23.38	23.48		
20	QPSK	50	50	23.38	23.38	23.30		
20	QPSK	100	0	23.31	23.47	23.45		
20	16QAM	1	0	23.22	23.78	23.68	24.5	1
20	16QAM	1	49	23.73	23.74	23.70		
20	16QAM

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24		
10	16QAM	25	12	22.21	22.32	22.31	23.5	2
10	16QAM	25	25	22.12	22.32	22.21		
10	16QAM	50	0	22.26	22.21	22.30		
10	64QAM	1	0	22.98	22.36	22.65		
10	64QAM	1	25	22.29	22.31	22.23	23.5	2
10	64QAM	1	49	22.17	22.38	22.21		
10	64QAM	25	0	21.24	21.20	21.21		
10	64QAM	25	12	21.14	21.27	21.39	22.5	3
10	64QAM	25	25	21.18	21.26	21.44		
10	64QAM	50	0	21.17	21.18	21.26		
10	256QAM	1	0	19.51	19.57	19.51		
10	256QAM	1	25	19.47	19.56	19.52	20.5	5
10	256QAM	1	49	19.37	19.53	19.41		
10	256QAM	25	0	19.42	19.50	19.39		
10	256QAM	25	12	19.40	19.46	19.37	20.5	5
10	256QAM	25	25	19.37	19.55	19.42		
10	256QAM	50	0	19.38	19.40	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.31	24.23	24.29		
5	QPSK	1	12	24.13	24.22	24.14	25.5	0
5	QPSK	1	24	24.13	24.18	24.18		
5	QPSK	12	0	23.18	23.31	23.14		
5	QPSK	12	7	23.10	23.11	23.22		
5	QPSK	12	13	23.21	23.07	23.11	24.5	1
5	QPSK	25	0	23.13	23.24	23.24		
5	16QAM	1	0	23.52	23.50	23.40		
5	16QAM	1	12	23.61	23.56	23.39	24.5	1
5	16QAM	1	24	23.42	23.51	23.38		
5	16QAM	12	0	22.25	22.14	22.11		
5	16QAM	12	7	22.09	22.19	22.26	23.5	2
5	16QAM	12	13	22.09	22.25	22.13		
5	16QAM	25	0	22.22	22.14	22.22		
5	64QAM	1	0	22.83	22.27	22.53		
5	64QAM	1	12	22.16	22.16	22.22	23.5	2
5	64QAM	1	24	22.03	22.26	22.08		
5	64QAM	12	0	21.15	21.16	21.12		
5	64QAM	12	7	21.03	21.19	21.33	22.5	3
5	64QAM	12	13	21.08	21.11	21.36		
5	64QAM	25	0	21.09	21.10	21.22		
5	256QAM	1	0	19.42	19.41	19.40		
5	256QAM	1	12	19.34	19.49	19.44	20.5	5
5	256QAM	1	24	19.25	19.38	19.32		
5	256QAM	12	0	19.33	19.32	19.23		
5	256QAM	12	7	19.31	19.36	19.26	20.5	5
5	256QAM	12	13	19.27	19.34	19.30		
5	256QAM	25	0	19.28	19.33	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.31	24.21		
3	QPSK	1	8	24.13	24.15	24.16	25.5	0
3	QPSK	1	14	24.10	24.09	24.15		
3	QPSK	8	0	23.07	23.23	23.09		
3	QPSK	8	4	23.17	23.09	23.16	24.5	1
3	QPSK	8	7	23.17	23.11	23.08		
3	QPSK	15	0	23.22	23.24	23.27		
3	16QAM	1	0	23.59	23.50	23.42		
3	16QAM	1	8	23.64	23.58	23.40	24.5	1
3	16QAM	1	14	23.41	23.62	23.31		
3	16QAM	8	0	22.15	22.14	22.16		
3	16QAM	8	4	22.05	22.24	22.16	23.5	2
3	16QAM	8	7	22.06	22.26	22.14		
3	16QAM	15	0	22.15	22.15	22.25		
3	64QAM	1	0	22.94	22.20	22.56		
3	64QAM	1	8	22.26	22.20	22.15	23.5	2
3	64QAM	1	14	22.04	22.34	22.10		
3	64QAM	8	0	21.18	21.17	21.16		
3	64QAM	8	4	20.99	21.22	21.27	22.5	3
3	64QAM	8	7	21.07	21.23	21.35		
3	64QAM	15	0	21.04	21.11	21.12		
3	256QAM	1	0	19.33	19.42	19.45		
3	256QAM	1	8	19.42	19.44	19.36	20.5	5
3	256QAM	1	14	19.23	19.42	19.33		
3	256QAM	8	0	19.34	19.44	19.25		
3	256QAM	8	4	19.25	19.32	19.27	20.5	5
3	256QAM	8	7	19.22	19.38	19.34		
3	256QAM	15	0	19.23	19.27	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.28	24.24		
1.4	QPSK	1	3	24.05	24.14	24.05		
1.4	QPSK	1	5	24.12	24.20	24.15	25.5	0
1.4	QPSK	3	0	24.11	24.19	24.08		
1.4	QPSK	3	1	23.85	24.06	23.93		
1.4	QPSK	3	3	23.96	24.06	24.12		
1.4	QPSK	6	0	23.14	23.27	23.22	24.5	1
1.4	16QAM	1	0	23.58	23.47	23.46		
1.4	16QAM	1	3	23.56	23.66	23.43		
1.4	16QAM	1	5	23.44	23.51	23.33	24.5	1
1.4	16QAM	3	0	23.47	23.32	23.35		
1.4	16QAM	3	1	23.47	23.54	23.33		
1.4	16QAM	3	3	23.30	23.46	23.24		
1.4	16QAM	6	0	22.19	22.03	22.18	23.5	2
1.4	64QAM	1	0	22.88	22.24	22.53		
1.4	64QAM	1	3	22.18	22.16	22.20		
1.4	64QAM	1	5	22.03	22.29	22.11	23.5	2
1.4	64QAM	3	0	22.72	22.19	22.45		
1.4	64QAM	3	1	22.08	22.05	22.13		
1.4	64QAM	3	3	21.86	22.20	22.06		
1.4	64QAM	6	0	21.06	21.05	21.17	22.5	3
1.4	256QAM	1	0	19.36	19.45	19.35		
1.4	256QAM	1	3	19.40	19.48	19.39		
1.4	256QAM	1	5	19.26	19.39	19.24		
1.4	256QAM	3	0	19.29	19.43	19.27	20.5	5
1.4	256QAM	3	1	19.26	19.32	19.23		
1.4	256QAM	3	3	19.30	19.39	19.25		
1.4	256QAM	6	0	19.31	19.29	19.28	20.5	5

Band 5_Ant 1

BW [MHz]	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	24.01	24.21	24.13		
10	QPSK	1	25	24.03	24.15	24.01	26	0
10	QPSK	1	49	24.04	24.02	24.02		
10	QPSK	25	0	23.10	23.28	23.08		
10	QPSK	25	12	23.04	23.08	23.17	25	1
10	QPSK	25	25	23.08	23.16	23.18		
10	QPSK	50	0	23.09	23.18	23.15		
10	16QAM	1	0	23.36	23.21	23.53		
10	16QAM	1	25	23.24	23.69	23.32	25	1
10	16QAM	1	49	23.43	23.67	23.69		
10	16QAM	25	0	22.05	22.06	22.16		
10	16QAM	25	12	22.03	22.11	22.21	24	2
10	16QAM	25	25	22.04	22.14	22.19		
10	16QAM	50	0	22.16	22.10	22.25		
10	64QAM	1	0	22.07	22.26	22.06		
10	64QAM	1	25	22.67	22.41	22.14	24	2
10	64QAM	1	49	22.35	22.27	22.04		
10	64QAM	25	0	21.09	21.05	21.29		
10	64QAM	25	12	21.11	21.18	21.34	23	3
10	64QAM	25	25	21.11	21.09	21.26		
10	64QAM	50	0	21.15	21.09	21.19		
10	256QAM	1	0	19.41	19.53	19.44		
10	256QAM	1	25	19.23	19.40	19.20	21	5
10	256QAM	1	49	19.35	19.45	19.39		
10	256QAM	25	0	19.18	19.28	19.24		
10	256QAM	25	12	19.30	19.44	19.39	21	5
10	256QAM	25	25	19.28	19.47	19.36		
10	256QAM	50	0	19.37	19.43	19.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.12	24.08		
5	QPSK	1	12	24.13	24.11	24.09	26	0
5	QPSK	1	24	24.09	24.06	24.05		
5	QPSK	12	0	23.16	23.22	23.05		
5	QPSK	12	7	23.09	23.04	23.13	25	1
5	QPSK	12	13	23.07	23.05	23.07		
5	QPSK	25	0	23.02	23.12	23.04		
5	16QAM	1	0	23.30	23.07	23.43		
5	16QAM	1	12	23.10	23.59	23.28	25	1
5	16QAM	1	24	23.33	23.61	23.60		
5	16QAM	12	0	22.02	22.01	22.14		
5	16QAM	12	7	22.05	22.07	22.25	24	2
5	16QAM	12	13	22.01	22.14	22.19		
5	16QAM	25	0	22.09	22.03	22.23		
5	64QAM	1	0	22.04	22.08	22.07		
5	64QAM	1	12	22.60	22.14	22.10	24	2
5	64QAM	1	24	22.27	22.07	22.07		
5	64QAM	12	0	21.09	21.21	21.22		
5	64QAM	12	7	21.00	21.11	21.33	23	3
5	64QAM	12	13	21.02	21.06	21.13		
5	64QAM	25	0	21.01	21.06	21.06		
5	256QAM	1	0	19.34	19.50	19.39		
5	256QAM	1	12	19.10	19.32	19.15	21	5
5	256QAM	1	24	19.18	19.33	19.28		
5	256QAM	12	0	19.04	19.15	19.09		
5	256QAM	12	7	19.23	19.31	19.34	21	5
5	256QAM	12	13	19.19	19.36	19.23		
5	256QAM	25	0	19.29	19.33	19.28		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.03	24.14	24.12		
3	QPSK	1	8	24.07	24.13	24.11	26	0
3	QPSK	1	14	24.04	24.07	24.09		
3	QPSK	8	0	23.07	23.36	23.11		
3	QPSK	8	4	23.02	23.06	23.11	25	1
3	QPSK	8	7	23.07	23.14	23.22		
3	QPSK	15	0	23.06	23.25	23.18		
3	16QAM	1	0	23.28	23.14	23.44		
3	16QAM	1	8	23.10	23.58	23.24	25	1
3	16QAM	1	14	23.37	23.55	23.59		
3	16QAM	8	0	22.00	22.03	22.08		
3	16QAM	8	4	22.04	22.05	22.10	24	2
3	16QAM	8	7	22.07	22.12	22.11		
3	16QAM	15	0	22.13	22.09	22.15		
3	64QAM	1	0	22.03	22.03	22.08		
3	64QAM	1	8	22.51	22.16	22.11	24	2
3	64QAM	1	14	22.13	22.04	22.05		
3	64QAM	8	0	21.15	21.10	21.04		
3	64QAM	8	4	21.08	21.11	21.17	23	3
3	64QAM	8	7	21.09	21.08	21.16		
3	64QAM	15	0	21.01	21.03	21.05		
3	256QAM	1	0	19.30	19.46	19.37		
3	256QAM	1	8	19.19	19.22	19.11	21	5
3	256QAM	1	14	19.20	19.34	19.34		
3	256QAM	8	0	19.04	19.17	19.19		
3	256QAM	8	4	19.22	19.36	19.32	21	5
3	256QAM	8	7	19.22	19.42	19.21		
3	256QAM	15	0	19.31	19.34	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.04	24.13	24.16		
1.4	QPSK	1	3	24.06	24.15	24.10		
1.4	QPSK	1	5	24.06	24.05	24.17	26	0
1.4	QPSK	3	0	24.05	24.17	24.14		
1.4	QPSK	3	1	24.02	24.10	24.08		
1.4	QPSK	3	3	24.08	24.02	24.06		
1.4	QPSK	6	0	23.19	23.18	23.13	25	1
1.4	16QAM	1	0	23.36	23.19	23.49		
1.4	16QAM	1	3	23.17	23.74	23.25		
1.4	16QAM	1	5	23.45	23.74	23.69	25	1
1.4	16QAM	3	0	23.27	23.07	23.39		
1.4	16QAM	3	1	23.09	23.64	23.10		
1.4	16QAM	3	3	23.30	23.46	23.65		
1.4	16QAM	6	0	22.20	22.02	22.23	24	2
1.4	64QAM	1	0	22.09	22.16	22.06		
1.4	64QAM	1	3	22.54	22.21	22.18		
1.4	64QAM	1	5	22.36	22.14	22.35	24	2
1.4	64QAM	3	0	22.07	22.06	22.09		
1.4	64QAM	3	1	22.52	22.12	22.06		
1.4	64QAM	3	3	22.12	22.09	22.09		
1.4	64QAM	6	0	21.07	21.02	21.08	23	3
1.4	256QAM	1	0	19.33	19.44	19.38		
1.4	256QAM	1	3	19.17	19.29	19.15		
1.4	256QAM	1	5	19.19	19.43	19.26	21	5
1.4	256QAM	3	0	18.99	19.18	19.18		
1.4	256QAM	3	1	19.23	19.39	19.31		
1.4	256QAM	3	3	19.21	19.30	19.28		
1.4	256QAM	6	0	19.27	19.31	19.36	21	5

Band 7_Ant 0

BW [MHz]	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	21.59	21.87	21.77		
20	QPSK	1	49	21.54	21.75	21.79	23	0
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80		
20	QPSK	50	24	20.61	20.80	20.79	22	1
20	QPSK	50	50	20.65	20.78	20.76		
20	QPSK	100	0	20.53	20.78	20.67		
20	16QAM	1	0	20.75	20.23	20.53		
20	16QAM	1	49	21.00	20.73	20.85	22	1
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72		
20	16QAM	50	24	19.54	19.80	19.79	21	2
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.68	19.93	20.25		
20	64QAM	1	49	19.96	19.77	19.98	21	2
20	64QAM	1	99	20.04	19.84	20.06		
20	64QAM	50	0	18.55	18.67	18.70		
20	64QAM	50	24	18.60	18.81	18.79	20	3
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76		
20	256QAM	1	49	16.65	16.83	16.64	18	5
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.60		
20	256QAM	50	24	16.58	16.73	16.63	18	5
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.78	16.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.74	21.57		
15	QPSK	1	37	21.42	21.77	21.78	23	0
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.38	20.70	20.66		
15	QPSK	36	20	20.55	20.75	20.81	22	1
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32		
15	16QAM	1	37	20.46	21.00	20.55	22	1
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65		
15	16QAM	36	20	19.58	19.72	19.74	21	2
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88		
15	64QAM	1	37	19.65	19.78	20.11	21	2
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70		
15	64QAM	36	20	18.54	18.68	18.61	20	3
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57		
15	256QAM	1	37	16.55	16.73	16.56	18	5
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52		
15	256QAM	36	20	16.51	16.66	16.59	18	5
15	256QAM	36	39	16.64	16.63	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72		
10	QPSK	1	25	21.55	21.76	21.71	23	0
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87		
10	QPSK	25	12	20.64	20.84	20.83	22	1
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98		
10	16QAM	1	25	20.94	21.16	21.35	22	1
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83		
10	16QAM	25	12	19.64	19.92	19.89	21	2
10	16QAM	25	25	19.60	19.99	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44		
10	64QAM	1	25	19.55	19.99	20.22	21	2
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86		
10	64QAM	25	12	18.67	18.89	18.78	20	3
10	64QAM	25	25	18.69	19.01	19.02		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66		
10	256QAM	1	25	16.50	16.73	16.51	18	5
10	256QAM	1	49	16.74	16.88	16.76		
10	256QAM	25	0	16.55	16.67	16.50		
10	256QAM	25	12	16.42	16.60	16.62	18	5
10	256QAM	25	25	16.55	16.66	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.43	21.74	21.75		
5	QPSK	1	12	21.55	21.79	21.72	23	0
5	QPSK	1	24	21.58	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75		
5	QPSK	12	7	20.52	20.97	20.80	22	1
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80		
5	16QAM	1	12	20.87	21.54	21.49	22	1
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.71	19.83		
5	16QAM	12	7	19.62	20.06	19.85	21	2
5	16QAM	12	13	19.64	20.03	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36		
5	64QAM	1	12	19.49	19.88	19.80	21	2
5	64QAM	1	24	19.99	20.01	20.03		
5	64QAM	12	0	18.46	18.69	18.88		
5	64QAM	12	7	18.48	18.98	18.97	20	3
5	64QAM	12	13	18.74	18.93	18.93		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.41	16.81	16.65		
5	256QAM	1	12	16.60	16.85	16.54	18	5
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52		
5	256QAM	12	7	16.41	16.62	16.47	18	5
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.60	22.86	22.60		
20	QPSK	1	49	22.53	22.73	22.65	24	0
20	QPSK	1	99	22.53	22.74	22.63		
20	QPSK	50	0	21.60	21.95	21.74		
20	QPSK	50	24	21.63	21.82	21.78	23	1
20	QPSK	50	50	21.64	21.90	21.93		
20	QPSK	100	0	21.58	21.80	21.78		
20	16QAM	1	0	21.79	21.42	21.63		
20	16QAM	1	49	22.07	21.92	22.27	23	1
20	16QAM	1	99	21.83	21.78	22.11		
20	16QAM	50	0	20.63	20.83	20.77

Band 7_Ant 2

BW [MHz]	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	24.60	24.79	24.68		
20	QPSK	1	49	24.56	24.37	24.50	25.5	0
20	QPSK	1	99	24.58	24.34	24.56		
20	QPSK	50	0	23.26	23.51	23.29		
20	QPSK	50	24	23.21	23.41	23.28	24.5	1
20	QPSK	50	50	23.12	23.45	23.31		
20	QPSK	100	0	23.21	23.44	23.35		
20	16QAM	1	0	23.46	23.66	23.39		
20	16QAM	1	49	23.41	23.69	23.37	24.5	1
20	16QAM	1	99	23.44	23.58	23.29		
20	16QAM	50	0	22.18	22.22	22.32		
20	16QAM	50	24	22.15	22.35	22.26	23.5	2
20	16QAM	50	50	22.28	22.40	22.39		
20	16QAM	100	0	22.22	22.31	22.28		
20	64QAM	1	0	21.92	22.26	22.01		
20	64QAM	1	49	22.25	22.30	22.21	23.5	2
20	64QAM	1	99	22.29	22.35	22.02		
20	64QAM	50	0	21.45	21.79	21.74		
20	64QAM	50	24	21.64	21.56	21.53	22.5	3
20	64QAM	50	50	21.75	21.73	21.63		
20	64QAM	100	0	21.55	21.62	21.79		
20	256QAM	1	0	19.53	19.66	19.47		
20	256QAM	1	49	19.70	19.89	19.72	20.5	5
20	256QAM	1	99	19.51	19.56	19.56		
20	256QAM	50	0	19.34	19.54	19.42		
20	256QAM	50	24	19.50	19.60	19.50	20.5	5
20	256QAM	50	50	19.62	19.68	19.49		
20	256QAM	100	0	19.50	19.52	19.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.70	24.40		
15	QPSK	1	37	24.21	24.47	24.43	25.5	0
15	QPSK	1	74	24.29	24.41	24.31		
15	QPSK	36	0	23.28	23.54	23.34		
15	QPSK	36	20	23.27	23.49	23.35		
15	QPSK	36	39	23.21	23.52	23.38	24.5	1
15	QPSK	75	0	23.23	23.47	23.39		
15	16QAM	1	0	23.51	23.72	23.45		
15	16QAM	1	37	23.48	23.79	23.46	24.5	1
15	16QAM	1	74	23.49	23.64	23.35		
15	16QAM	36	0	22.27	22.30	22.42		
15	16QAM	36	20	22.25	22.45	22.34	23.5	2
15	16QAM	36	39	22.36	22.46	22.46		
15	16QAM	75	0	22.31	22.40	22.35		
15	64QAM	1	0	22.00	22.31	22.07		
15	64QAM	1	37	22.30	22.36	22.27	23.5	2
15	64QAM	1	74	22.34	22.45	22.09		
15	64QAM	36	0	21.55	21.88	21.79		
15	64QAM	36	20	21.70	21.64	21.62	22.5	3
15	64QAM	36	39	21.82	21.82	21.71		
15	64QAM	75	0	21.64	21.67	21.84		
15	256QAM	1	0	19.59	19.76	19.54		
15	256QAM	1	37	19.79	19.95	19.80	20.5	5
15	256QAM	1	74	19.59	19.62	19.61		
15	256QAM	36	0	19.44	19.59	19.50		
15	256QAM	36	20	19.56	19.68	19.57	20.5	5
15	256QAM	36	39	19.71	19.74	19.59		
15	256QAM	75	0	19.55	19.57	19.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.23	24.67	24.42		
10	QPSK	1	25	24.25	24.44	24.43	25.5	0
10	QPSK	1	49	24.25	24.44	24.36		
10	QPSK	25	0	23.27	23.53	23.33		
10	QPSK	25	12	23.26	23.46	23.35	24.5	1
10	QPSK	25	25	23.21	23.54	23.36		
10	QPSK	50	0	23.24	23.49	23.37		
10	16QAM	1	0	23.54	23.73	23.48		
10	16QAM	1	25	23.51	23.79	23.43	24.5	1
10	16QAM	1	49	23.54	23.65	23.38		
10	16QAM	25	0	22.24	22.27	22.37		
10	16QAM	25	12	22.22	22.43	22.32	23.5	2
10	16QAM	25	25	22.35	22.47	22.49		
10	16QAM	50	0	22.27	22.40	22.36		
10	64QAM	1	0	21.97	22.32	22.10		
10	64QAM	1	25	22.30	22.35	22.30	23.5	2
10	64QAM	1	49	22.34	22.41	22.11		
10	64QAM	25	0	21.51	21.84	21.84		
10	64QAM	25	12	21.71	21.85	21.59	22.5	3
10	64QAM	25	25	21.81	21.82	21.71		
10	64QAM	50	0	21.60	21.70	21.84		
10	256QAM	1	0	19.63	19.73	19.57		
10	256QAM	1	25	19.80	19.94	19.80	20.5	5
10	256QAM	1	49	19.58	19.65	19.65		
10	256QAM	25	0	19.43	19.63	19.50		
10	256QAM	25	12	19.56	19.68	19.60	20.5	5
10	256QAM	25	25	19.68	19.78	19.55		
10	256QAM	50	0	19.58	19.62	19.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.22	24.68	24.43		
5	QPSK	1	12	24.20	24.45	24.41	25.5	0
5	QPSK	1	24	24.26	24.44	24.36		
5	QPSK	12	0	23.30	23.53	23.32		
5	QPSK	12	7	23.31	23.49	23.36	24.5	1
5	QPSK	12	13	23.20	23.50	23.39		
5	QPSK	25	0	23.22	23.47	23.36		
5	16QAM	1	0	23.56	23.73	23.44		
5	16QAM	1	12	23.48	23.78	23.46	24.5	1
5	16QAM	1	24	23.51	23.63	23.38		
5	16QAM	12	0	22.23	22.32	22.39		
5	16QAM	12	7	22.23	22.41	22.31	23.5	2
5	16QAM	12	13	22.34	22.45	22.46		
5	16QAM	25	0	22.30	22.38	22.33		
5	64QAM	1	0	21.97	22.34	22.06		
5	64QAM	1	12	22.32	22.37	22.27	23.5	2
5	64QAM	1	24	22.36	22.43	22.11		
5	64QAM	12	0	21.54	21.89	21.79		
5	64QAM	12	7	21.73	21.84	21.60	22.5	3
5	64QAM	12	13	21.84	21.80	21.69		
5	64QAM	25	0	21.61	21.67	21.85		
5	256QAM	1	0	19.59	19.72	19.53		
5	256QAM	1	12	19.79	19.98	19.82	20.5	5
5	256QAM	1	24	19.59	19.65	19.62		
5	256QAM	12	0	19.41	19.64	19.47		
5	256QAM	12	7	19.58	19.70	19.59	20.5	5
5	256QAM	12	13	19.69	19.77	19.59		
5	256QAM	25	0	19.55	19.60	19.54		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.28	24.30	24.22		
20	QPSK	1	49	24.24	24.15	24.12	25.2	0
20	QPSK	1	99	24.18	24.28	24.11		
20	QPSK	50	0	23.22	23.36	23.30		
20	QPSK	50	24	23.23	23.30	23.35	24.2	1
20	QPSK	50	50	23.17	23.29	23.32		
20	QPSK	100	0	23.14	23.32	23.19		
20	16QAM	1	0	23.50	23.12	23.47		
20	16QAM	1	49	23.97	23.55	23.43	24.2	1
20	16QAM	1	99	23.47	22.92	23.64		
20	16QAM	50	0	22.05	22.31	22.29		
20	16QAM	50	24	22.18	22.32	22.28	23.2	2
20	16QAM	50	50	22.17	22.42	22.37		
20	16QAM	100	0	22.23	22.32	22.24		
20	64QAM	1	0	21.92	22.40	22.44		
20	64QAM	1	49	21.93	22.68	22.20	23.2	2
20	64QAM	1	99	22.47	22.47	22.49		
20	64QAM	50	0	21.16	21.26	21.13		
20	64QAM	50	24	21.26	21.24	21.32	22.2	3
20	64QAM	50	50	21.20	21.41	21.34		
20	64QAM	100	0	21.24	21.34	21.28		
20	256QAM	1	0	19.57	19.68	19.55		
20	256QAM	1	49	19.70	19.75	19.61	20.2	5
20	256QAM	1	99	19.39	19.54	19.38		
20	256QAM	50	0	19.38	19.52	19.35		
20	256QAM	50	24	19.44	19.53	19.36	20.2	5
20	256QAM	50	50	19.37	19.55	19.39		
20	256QAM	100	0	19.49	19.57	19.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.84	24.17	23.96		
15	QPSK	1	37	23.84	24.07	24.03	25.2	0
15	QPSK	1	74	23.83	24.19	24.01		
15	QPSK	36	0	23.14	23.19	23.23		
15	QPSK	36	20	23.13	23.22	23.25	24.2	1
15	QPSK	36	39	23.05	23.21	23.19		
15	QPSK	75	0	23.02	23.23	23.09		
15	16QAM	1	0	23.42	22.96	23.37		
15	16QAM	1	37	23.83	23.54	23.34	24.2	1
15	16QAM	1	74	23.41	22.87	23.56		
15	16QAM	36	0	22.01	22.16	22.21		
15	16QAM	36	20	22.10	22.17	22.23	23.2	2
15	16QAM	36	39	22.03	22.35	22.25		
15	16QAM	75	0	22.09	22.14	22.17		
15	64QAM	1	0	21.95	22.29	22.37		
15	64QAM	1	37	21.84	22.59	22.22	23.2	2
15	64QAM	1	74	22.30	22.32	22.28		
15	64QAM	36	0	21.04	21.18	21.03		
15	64QAM	36	20	21.11	21.07	21.17	22.2	3
15	64QAM	36	39	21.13	21.25	21.25		
15	64QAM	75	0	21.14	21.28	21.17		
15	256QAM	1	0	19.42	19.64	19.46		
15	256QAM	1	37	19.54	19.66	19.46	20.2	5
15	256QAM	1	74	19.31	19.39	19.29		
15	256QAM	36	0	19.24	19.45	19.27		
15	256QAM	36	20	19.36	19.46	19.34	20.2	5
15	256QAM	36	39	19.22	19.40	19.33		
15	256QAM	75	0	19.35	19.41	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.79	24.25	23.97		
10	QPSK	1	25	23.83	24.12	24.01	25.2	0
10	QPSK	1	49	23.93	24.13	23.98		
10	QPSK	25	0	23.06	23.26	23.16		
10	QPSK	25	12	23.11	23.21	23.19	24.2	1
10	QPSK	25	25	23.15	23.20	23.23		
10	QPSK	50	0	23.05	23.19	23.08		
10	16QAM	1	0	23.39	23.11	23.30		
10	16QAM	1	25	23.86	23.51	23.39	24.2	1
10	16QAM	1	49	23.41	22.82	23.55		
10	16QAM	25	0	21.99	22.16	22.16		
10	16QAM	25	12	22.11	22.25	22.17	23.2	2
10	16QAM	25	25	22.05	22.20	22.19		
10	16QAM	50	0	22.07	22.20	22.10		
10	64QAM	1	0	22.00	22.27	22.33		
10	64QAM	1	25	22.05	22.60	22.14	23.2	2
10	64QAM	1	49	22.38	22.41	22.20		
10	64QAM	25	0	21.03	21.12	21.05		
10	64QAM	25	12	21.16	21.17	21.14	22.2	3
10	64QAM	25	25	21.14	21.29	21.31		
10	64QAM	50	0	21.06	21.27	21.22		
10	256QAM	1	0	19.50	19.57	19.41		
10	256QAM	1	25	19.55	19.71	19.54	20.2	5
10	256QAM	1	49	19.30	19.47	19.28		
10	256QAM	25	0	19.32	19.38	19.23		
10	256QAM	25	12	19.41	19.48	19.26	20.2	5
10	256QAM	25	25	19.30	19.46	19.30		
10	256QAM	50	0	19.40	19.44	19.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.79	24.18	24.04		
5	QPSK	1	12	23.84	23.97	24.01	25.2	0
5	QPSK	1	24	23.85	24.17	24.05		
5	QPSK	12	0	23.07	23.28	23.20		
5	QPSK	12	7	23.04	23.22	23.26	24.2	1
5	QPSK	12	13	23.10	23.13	23.25		
5	QPSK	25	0	23.04	23.28	23.14		
5	16QAM	1	0	23.43	22.99	23.33		
5	16QAM	1	12	23.83	23.54	23.42	24.2	1
5	16QAM	1	24	23.39	22.91	23.48		
5	16QAM	12	0	21.96	22.18	22.25		
5	16QAM	12	7	22.08	22.24	22.13	23.2	2
5	16QAM	12	13	21.98	22.46	22.36		
5	16QAM	25	0	22.06	22.17	22.14		
5	64QAM	1	0	21.99	22.35	22.38		
5	64QAM	1	12	21.78	22.59	22.24	23.2	2
5	64QAM	1	24	22.41	22.47	22.20		
5	64QAM	12	0	21.08	21.17	21.04		
5	64QAM	12	7	21.20	21.19	21.18	22.2	3
5	64QAM	12	13	21.12	21.27	21.29		
5	64QAM	25	0	21.10	21.16	21.20		
5	256QAM	1	0	19.38	19.65	19.54		
5	256QAM	1	12	19.57	19.68	19.53	20.2	5
5	256QAM	1	24	19.24	19.41	19.37		
5	256QAM	12	0	19.28	19.42	19.30		
5	256QAM	12	7	19.34	19.43	19.28	20.2	5
5	256QAM	12	13	19.21	19.43	19.29		
5	256QAM	25	0	19.34	19.48	19.38		

Band 12_Ant 0

BW [MHz]	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	24.68	24.98	24.67		
10	QPSK	1	25	24.92	24.88	24.89	25.5	0
10	QPSK	1	49	24.80	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.94		
10	QPSK	25	12	23.90	23.91	23.87	24.5	1
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.84	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.00	23.08	23.01		
10	64QAM	1	0	22.94	23.08	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.00	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	25	12	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.00	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64		
5	QPSK	1	12	24.79	24.79	24.76	25.5	0
5	QPSK	1	24	24.78	24.65	24.75		
5	QPSK	12	0	23.75	23.80	23.71		
5	QPSK	12	7	23.80	23.88	23.80	24.5	1
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.94	21.83	21.72	22.5	3
5	64QAM	12	13	21.96	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	12	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55		
3	QPSK	1	8	24.74	24.75	24.78	25.5	0
3	QPSK	1	14	24.74	24.66	24.74		
3	QPSK	8	0	23.68	23.81	23.76		
3	QPSK	8	4	23.82	23.94	23.82	24.5	1
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10		
3	16QAM	1	8	24.01	24.04	24.03	24.5	1
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91		
3	16QAM	8	4	22.94	22.62	22.88	23.5	2
3	16QAM	8	7	22.97	22.87	22.94		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89		
3	64QAM	1	8	22.81	23.03	23.38	23.5	2
3	64QAM	1	14	22.80	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84		
3	64QAM	8	4	21.93	21.91	21.71	22.5	3
3	64QAM	8	7	22.01	21.98	21.88		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88		
3	256QAM	1	8	20.22	20.36	20.10	20.5	5
3	256QAM	1	14	20.06	20.17	20.08		
3	256QAM	8	0	20.00	20.12	20.10		
3	256QAM	8	4	19.91	20.04	20.01	20.5	5
3	256QAM	8	7	20.00	20.16	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52		
1.4	QPSK	1	3	24.78	24.73	24.77		
1.4	QPSK	1	5	24.73	24.71	24.69	25.5	0
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.60	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.82	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03		
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88		
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.97	22.97	22.85	23.5	2
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.72	22.97	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93		
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12	20.5	5
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.06	24.18	23.93		
10	QPSK	1	25	24.10	23.91	24.01	25.5	0
10	QPSK	1	49	24.03	23.88	24.14		
10	QPSK	25	0	22.94	23.17	23.08		
10	QPSK	25	12	23.10	23.06	23.13	24.5	1
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27		
10	16QAM	1	25	23.49	23.51	23.09	24.5	1

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54		
20	QPSK	1	49	21.17	21.57	21.22	23	0
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.80	20.34		
20	QPSK	50	24	20.32	20.40	20.33	22	1
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57		
20	16QAM	1	49	20.45	20.37	20.73	22	1
20	16QAM	1	99	20.60	20.56	20.18		
20	16QAM	50	0	19.32	19.48	19.33		
20	16QAM	50	24	19.45	19.43	19.30	21	2
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.98	19.45		
20	64QAM	1	49	19.41	19.90	19.36	21	2
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32		
20	64QAM	50	24	18.34	18.34	18.38	20	3
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71		
20	256QAM	1	49	16.65	16.71	16.55	18	5
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60		
20	256QAM	50	24	16.72	16.76	16.72	18	5
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08		
15	QPSK	1	37	21.09	21.47	21.19	23	0
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.28	20.49	20.18		
15	QPSK	36	20	20.21	20.31	20.21	22	1
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	QPSK	75	37	20.43	20.65	20.22		
15	16QAM	1	0	20.20	20.03	20.46	22	1
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28		
15	16QAM	36	20	19.38	19.15	19.38	21	2
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35		
15	64QAM	1	37	19.27	19.74	19.30	21	2
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18		
15	64QAM	36	20	18.23	18.18	18.23	20	3
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.47		
15	256QAM	1	37	16.41	16.36	16.27	18	5
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30		
15	256QAM	36	20	16.41	16.45	16.44	18	5
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09		
10	QPSK	1	25	21.07	21.42	21.13	23	0
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28		
10	QPSK	25	12	20.18	20.34	20.18	22	1
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25		
10	16QAM	1	25	20.18	20.13	20.47	22	1
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23		
10	16QAM	25	12	19.34	19.28	19.25	21	2
10	16QAM	25	25	19.30	19.22	19.15		
10	16QAM	50	0	19.34	19.30	19.25		
10	64QAM	1	0	19.76	19.57	19.39		
10	64QAM	1	25	19.34	19.82	19.25	21	2
10	64QAM	1	49	19.74	19.34	19.18		
10	64QAM	25	0	18.34	18.41	18.25		
10	64QAM	25	12	18.20	18.23	18.23	20	3
10	64QAM	25	25	18.22	18.21	18.09		
10	64QAM	50	0	18.29	18.37	18.17		
10	256QAM	1	0	16.49	16.56	16.45		
10	256QAM	1	25	16.41	16.37	16.23	18	5
10	256QAM	1	49	16.05	16.19	16.09		
10	256QAM	25	0	16.30	16.40	16.29		
10	256QAM	25	12	16.41	16.46	16.37	18	5
10	256QAM	25	25	16.17	16.27	16.17		
10	256QAM	50	0	16.34	16.44	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.30	21.46	21.13		
5	QPSK	1	12	21.03	21.48	21.11	23	0
5	QPSK	1	24	21.13	21.49	21.07		
5	QPSK	12	0	20.22	20.45	20.20		
5	QPSK	12	7	20.23	20.26	20.26	22	1
5	QPSK	12	13	20.30	20.40	20.13		
5	QPSK	25	0	20.27	20.29	20.21		
5	16QAM	1	0	20.72	20.81	20.49		
5	16QAM	1	12	20.30	20.28	20.59	22	1
5	16QAM	1	24	20.55	20.50	20.13		
5	16QAM	12	0	19.24	19.38	19.22		
5	16QAM	12	7	19.40	19.36	19.25	21	2
5	16QAM	12	13	19.35	19.27	19.15		
5	16QAM	25	0	19.40	19.34	19.25		
5	64QAM	1	0	19.75	19.56	19.34		
5	64QAM	1	12	19.32	19.76	19.20	21	2
5	64QAM	1	24	19.81	19.38	19.12		
5	64QAM	12	0	18.28	18.51	18.18		
5	64QAM	12	7	18.29	18.24	18.25	20	3
5	64QAM	12	13	18.28	18.25	18.08		
5	64QAM	25	0	18.30	18.27	18.17		
5	256QAM	1	0	16.48	16.52	16.40		
5	256QAM	1	12	16.30	16.41	16.27	18	5
5	256QAM	1	24	16.14	16.15	16.12		
5	256QAM	12	0	16.29	16.35	16.31		
5	256QAM	12	7	16.46	16.54	16.45	18	5
5	256QAM	12	13	16.20	16.32	16.16		
5	256QAM	25	0	16.24	16.34	16.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.46	21.09		
3	QPSK	1	8	21.06	21.47	21.13	23	0
3	QPSK	1	14	21.05	21.45	21.09		
3	QPSK	8	0	20.26	20.53	20.21		
3	QPSK	8	4	20.20	20.25	20.18	22	1
3	QPSK	8	7	20.38	20.31	20.17		
3	QPSK	15	0	20.30	20.35	20.25		
3	16QAM	1	0	20.69	20.73	20.49		
3	16QAM	1	8	20.35	20.28	20.66	22	1
3	16QAM	1	14	20.47	20.45	20.13		
3	16QAM	8	0	19.22	19.36	19.18		
3	16QAM	8	4	19.34	19.33	19.23	21	2
3	16QAM	8	7	19.29	19.20	19.18		
3	16QAM	15	0	19.33	19.29	19.16		
3	64QAM	1	0	19.85	19.57	19.37		
3	64QAM	1	8	19.35	19.76	19.23	21	2
3	64QAM	1	14	19.73	19.40	19.13		
3	64QAM	8	0	18.33	18.48	18.27		
3	64QAM	8	4	18.22	18.23	18.31	20	3
3	64QAM	8	7	18.24	18.29	18.16		
3	64QAM	15	0	18.33	18.30	18.11		
3	256QAM	1	0	16.40	16.55	16.44		
3	256QAM	1	8	16.37	16.44	16.29	18	5
3	256QAM	1	14	16.16	16.15	16.08		
3	256QAM	8	0	16.31	16.38	16.33		
3	256QAM	8	4	16.47	16.47	16.42	18	5
3	256QAM	8	7	16.18	16.31	16.23		
3	256QAM	15	0	16.31	16.41	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.42	21.16		
1.4	QPSK	1	3	21.10	21.41	21.11		
1.4	QPSK	1	5	21.10	21.44	21.15	23	0
1.4	QPSK	3	0	21.23	21.27	21.05		
1.4	QPSK	3	1	20.96	21.29	20.95		
1.4	QPSK	3	3	21.00	21.36	21.03		
1.4	QPSK	6	0	20.26	20.38	20.25	22	1
1.4	16QAM	1	0	20.72	20.74	20.53		
1.4	16QAM	1	3	20.35	20.25	20.62		
1.4	16QAM	1	5	20.47	20.44	20.04	22	1
1.4	16QAM	3	0	20.61	20.68	20.45		
1.4	16QAM	3	1	20.19	20.18	20.46		
1.4	16QAM	3	3	20.37	20.32	19.91		
1.4	16QAM	6	0	19.34	19.38	19.21	21	2
1.4	64QAM	1	0	19.76	19.58	19.35		
1.4	64QAM	1	3	19.28	19.76	19.29		
1.4	64QAM	1	5	19.85	19.41	19.13	21	2
1.4	64QAM	3	0	19.69	19.48	19.23		
1.4	64QAM	3	1	19.22	19.69	19.19		
1.4	64QAM	3	3	19.72	19.34	19.04		
1.4	64QAM	6	0	18.32	18.30	18.14	20	3
1.4	256QAM	1	0	16.46	16.58	16.39		
1.4	256QAM	1	3	16.38	16.43	16.29		
1.4	256QAM	1	5	16.10	16.15	16.02	18	5
1.4	256QAM	3	0	16.31	16.41	16.29		
1.4	256QAM	3	1	16.44	16.55	16.48		
1.4	256QAM	3	3	16.21	16.26	16.18		
1.4	256QAM	6	0	16.28	16.46	16.33	18	5

Band 66_Ant 1

BW [MHz]	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	22.61	22.75	22.58		
20	QPSK	1	49	22.58	22.73	22.40	24	0
20	QPSK	1	99	22.40	22.56	22.35		
20	QPSK	50	0	21.59	21.71	21.60		
20	QPSK	50	24	21.57	21.59	21.51	23	1
20	QPSK	50	50	21.58	21.60	21.52		
20	QPSK	100	0	21.62	21.63	21.51		
20	16QAM	1	0	21.81	22.20	21.73		
20	16QAM	1	49	21.91	21.84	21.88	23	1
20	16QAM	1	99	21.75	21.78	21.93		
20	16QAM	50	0	20.54	20.60	20.61		
20	16QAM	50	24	20.67	20.64	20.57	22	2
20	16QAM	50	50	20.52	20.64	20.44		
20	16QAM	100	0	20.54	20.63	20.57		
20	64QAM	1	0	20.65	20.99	20.79		
20	64QAM	1	49	20.70	20.65	20.39	22	2
20	64QAM	1	99	20.29	21.04	20.06		
20	64QAM	50	0	19.56	19.58	19.50		
20	64QAM	50	24	19.54	19.50	19.47	21	3
20	64QAM	50	50	19.64	19.62	19.37		
20	64QAM	100	0	19.57	19.59	19.46		
20	256QAM	1	0	17.44	17.57	17.48		
20	256QAM	1	49	18.65	18.11	18.02	19	5
20	256QAM	1	99	18.00	18.06	17.90		
20	256QAM	50	0	17.65	17.74	17.67		
20	256QAM	50	24	17.72	17.77	17.67	19	5
20	256QAM	50	50	17.69	17.78	17.64		
20	256QAM	100	0	17.67	17.82	17.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.52	22.59	22.43		
15	QPSK	1	37	22.45	22.59	22.33	24	0
15	QPSK	1	74	22.30	22.40	22.27		
15	QPSK	36	0	21.41	21.60	21.52		
15	QPSK	36	20	21.46	21.52	21.36	23	1
15	QPSK	36	39	21.35	21.49	21.45		
15	QPSK	75	0	21.47	21.51	21.36		
15	QPSK	75	37	21.67	21.83	21.57		
15	16QAM	1	0	21.80	21.68	21.81	23	1
15	16QAM	1	74	21.59	21.72	21.83		
15	16QAM	36	0	20.47	20.46	20.54		
15	16QAM	36	20	20.59	20.50	20.44	22	2
15	16QAM	36	39	20.45	20.56	20.35		
15	16QAM	75	0	20.45	20.51	20.42		
15	64QAM	1	0	20.51	20.87	20.64		
15	64QAM	1	37	20.47	20.84	20.50	22	2
15	64QAM	1	74	20.14	20.88	20.15		
15	64QAM	36	0	19.48	19.43	19.37		
15	64QAM	36	20	19.45	19.44	19.39	21	3
15	64QAM	36	39	19.53	19.47	19.29		
15	64QAM	75	0	19.42	19.50	19.32		
15	256QAM	1	0	17.39	17.41	17.32		
15	256QAM	1	37	17.88	18.00	17.87	19	5
15	256QAM	1	74	17.86	17.94	17.80		
15	256QAM	36	0	17.49	17.60	17.58		
15	256QAM	36	20	17.64	17.61	17.52	19	5
15	256QAM	36	39	17.54	17.62	17.50		
15	256QAM	75	0	17.54	17.77	17.63		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.49	22.70	22.42		
10	QPSK	1	25	22.51	22.64	22.24	24	0
10	QPSK	1	49	22.24	22.46	22.27		
10	QPSK	25	0	21.44	21.65	21.49		
10	QPSK	25	12	21.44	21.48	21.37	23	1
10	QPSK	25	25	21.41	21.44	21.38		
10	QPSK	50	0	21.46	21.49	21.44		
10	16QAM	1	0	21.69	22.12	21.66		
10	16QAM	1	25	21.79	21.79	21.77	23	1
10	16QAM	1	49	21.62	21.62	21.86		
10	16QAM	25	0	20.47	20.55	20.54		
10	16QAM	25	12	20.51	20.45	20.41	22	2
10	16QAM	25	25	20.39	20.38	20.38		
10	16QAM	50	0	20.46	20.49	20.50		
10	64QAM	1	0	20.58	20.88	20.73		
10	64QAM	1	25	20.55	20.92	20.31	22	2
10	64QAM	1	49	20.15	20.98	20.12		
10	64QAM	25	0	19.44	19.44	19.37		
10	64QAM	25	12	19.46	19.44	19.37	21	3
10	64QAM	25	25	19.49	19.47	19.27		
10	64QAM	50	0	19.52	19.50	19.31		
10	256QAM	1	0	17.31	17.45	17.39		
10	256QAM	1	25	17.95	18.03	17.94	19	5
10	256QAM	1	49	17.86	17.91	17.75		
10	256QAM	25	0	17.53	17.69	17.54		
10	256QAM	25	12	17.61	17.61	17.54	19	5
10	256QAM	25	25	17.61	17.64	17.57		
10	256QAM	50	0	17.56	17.71	17.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.51	22.60	22.44		
5	QPSK	1	12	22.44	22.64	22.25	24	0
5	QPSK	1	24	22.25	22.49	22.25		
5	QPSK	12	0	21.47	21.56	21.53		
5	QPSK	12	7	21.36	21.50	21.42	23	1
5	QPSK	12	13	21.42	21.54	21.37		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.76	22.12	21.60		
5	16QAM	1	12	21.76	21.76	21.79	23	1
5	16QAM	1	24	21.63	21.72	21.87		
5	16QAM	12	0	20.49	20.50	20.45		
5	16QAM	12	7	20.53	20.59	20.47	22	2
5	16QAM	12	13	20.38	20.55	20.32		
5	16QAM	25	0	20.40	20.54	20.44		
5	64QAM	1	0	20.59	20.91	20.63		
5	64QAM	1	12	20.58	20.60	20.31	22	2
5	64QAM	1	24	20.16	20.91	20.16		
5	64QAM	12	0	19.49	19.42	19.40		
5	64QAM	12	7	19.49	19.42	19.38	21	3
5	64QAM	12	13	19.56	19.50	19.32		
5	64QAM	25	0	19.48	19.45	19.35		
5	256QAM	1	0	17.38	17.49	17.42		
5	256QAM	1	12	17.94	18.06	17.87	19	5
5	256QAM	1	24	17.91	17.98	17.74		
5	256QAM	12	0	17.56	17.66	17.62		
5	256QAM	12	7	17.64	17.64	17.61	19	5
5	256QAM	12	13	17.58	17.64	17.49		
5	256QAM	25	0	17.57	17.68	17.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.54	22.67	22.44		
3	QPSK	1	8	22.51	22.65	22.25	24	0
3	QPSK	1	14	22.26	22.46	22.30		
3	QPSK	8	0	21.47	21.56	21.48		
3	QPSK	8	4	21.40	21.47	21.40	23	1
3	QPSK	8	7	21.45	21.48	21.45		
3	QPSK	15	0	21.52	21.51	21.37		
3	16QAM	1	0	21.76	22.06	21.65		
3	16QAM	1	8	21.84	21.77	21.79	23	1
3	16QAM	1	14	21.68	21.69	21.84		
3	16QAM	8	0	20.38	20.44	20.50		
3	16QAM	8	4	20.61	20.53	20.50	22	2
3	16QAM	8	7	20.39	20.51	20.35		
3	16QAM	15	0	20.43	20.55	20.41		
3	64QAM	1	0	20.50	20.94	20.63		
3	64QAM	1	8	20.55	20.49	20.28	22	2
3	64QAM	1	14	20.17	20.95	20.19		
3	64QAM	8	0	19.46	19.44	19.45		
3	64QAM	8	4	19.39	19.37	19.31	21	3
3	64QAM	8	7	19.55	19.50	19.22		
3	64QAM	15	0	19.50	19.51	19.38		
3	256QAM	1	0	17.37	17.42	17.35		
3	256QAM	1	8	18.01	17.98	17.94	19	5
3	256QAM	1	14	17.86	17.92	17.80		
3	256QAM	8	0	17.51	17.66	17.56		
3	256QAM	8	4	17.61	17.67	17.61	19	5
3	256QAM	8	7	17.53	17.67	17.53		
3	256QAM	15	0	17.60	17.64	17.54		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.51	22.64	22.42		
1.4	QPSK	1	3	22.52	22.62	22.24		
1.4	QPSK	1	5	22.30	22.41	22.26	24	0
1.4	QPSK	3	0	22.39	22.48	22.26		
1.4	QPSK	3	1	22.37	22.57	22.11		
1.4	QPSK	3	3	22.15	22.32	22.12		
1.4	QPSK	6	0	21.56	21.58	21.46	23	1
1.4	16QAM	1	0	21.68	22.05	21.57		
1.4	16QAM	1	3	21.81	21.70	21.74		
1.4	16QAM	1	5	21.59	21.64	21.80	23	1
1.4	16QAM	3	0	21.63	21.97	21.47		
1.4	16QAM	3	1	21.68	21.58	21.64		
1.4	16QAM	3	3	21.46	21.52	21.87		
1.4	16QAM	6	0	20.49	20.56	20.42	22	2
1.4	64QAM	1	0	20.55	20.88	20.69		
1.4	64QAM	1	3	20.55	20.57	20.26		
1.4	64QAM	1	5	20.24	20.97	20.00	22	2
1.4	64QAM	3	0	20.50	20.79	20.32		
1.4	64QAM	3	1	20.43	20.45	20.19		
1.4	64QAM	3	3	20.19	20.88	20.35		
1.4	64QAM	6	0	19.52	19.48	19.34	21	3
1.4	256QAM	1	0	17.38	17.48	17.38		
1.4	256QAM	1	3	17.99	18.01	17.96		
1.4	256QAM	1	5	17.88	17.96	17.80	19	5
1.4	256QAM	3	0	17.90	17.95	17.61		
1.4	256QAM	3	1	17.56	17.61	17.58		
1.4	256QAM	3	3	17.64	17.62	17.52		
1.4	256QAM	6	0	17.56	17.72	17.59	19	5

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44		
20	QPSK	1	49	23.12	23.41	23.42	24.5	0
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.30	22.61	22.59		
20	QPSK	50	24	22.23	22.61	22.61	23.5	1
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	22.57	23.10	22.93		
20	16QAM	1	49	22.65	23.10	22.93	23.5	1
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71		
20	16QAM	50	24	21.37	21.59	21.73	22.5	2
20	16QAM	50	50	21.42	21.57	21.60		
20	16QAM	100	0	21.37	21.58	21.54		
20	64QAM	1	0	21.

Band 38_Ant 0

BW [MHz]	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	21.81	21.84	21.79	23	0
20	QPSK	1	49	21.58	21.69	21.41		
20	QPSK	1	99	21.63	21.67	21.72		
20	QPSK	50	0	20.66	20.75	20.50	22	1
20	QPSK	50	24	20.65	20.32	20.52		
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.75	20.80	20.41		
20	16QAM	1	0	21.02	20.74	20.55	22	1
20	16QAM	1	49	20.52	20.43	20.60		
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.70	19.41	19.51	21	2
20	16QAM	50	24	19.73	19.57	19.59		
20	16QAM	50	50	19.60	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.62	19.58	19.62	21	2
20	64QAM	1	49	19.33	19.88	19.33		
20	64QAM	1	99	19.87	19.57	19.66		
20	64QAM	50	0	18.72	18.49	18.55	20	3
20	64QAM	50	24	18.69	18.49	18.62		
20	64QAM	50	50	18.71	18.47	18.50		
20	64QAM	100	0	18.80	18.47	18.58		
20	256QAM	1	0	16.56	16.71	16.65	18	5
20	256QAM	1	49	16.63	16.80	16.64		
20	256QAM	1	99	16.67	16.69	16.66		
20	256QAM	50	0	16.76	16.82	16.79	18	5
20	256QAM	50	24	16.78	16.80	16.79		
20	256QAM	50	50	16.60	16.78	16.78		
20	256QAM	100	0	16.63	16.72	16.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.80	21.81	21.76	23	0
15	QPSK	1	37	21.49	21.58	21.41		
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.58	20.63	20.46	22	1
15	QPSK	36	20	20.58	20.26	20.42		
15	QPSK	36	39	20.60	20.47	20.45		
15	QPSK	75	0	20.68	20.80	20.29		
15	16QAM	1	0	20.91	20.74	20.44	22	1
15	16QAM	1	37	20.40	20.35	20.59		
15	16QAM	1	74	20.40	20.25	20.44		
15	16QAM	36	0	19.62	19.30	19.43	21	2
15	16QAM	36	20	19.73	19.45	19.52		
15	16QAM	36	39	19.55	19.36	19.33		
15	16QAM	75	0	19.68	19.39	19.36		
15	64QAM	1	0	19.56	19.56	19.54	21	2
15	64QAM	1	37	19.33	19.86	19.28		
15	64QAM	1	74	19.80	19.46	19.66		
15	64QAM	36	0	18.66	18.47	18.54	20	3
15	64QAM	36	20	18.65	18.43	18.60		
15	64QAM	36	39	18.63	18.45	18.44		
15	64QAM	75	0	18.68	18.42	18.53		
15	256QAM	1	0	16.45	16.62	16.55	18	5
15	256QAM	1	37	16.56	16.75	16.53		
15	256QAM	1	74	16.55	16.68	16.66		
15	256QAM	36	0	16.66	16.70	16.78	18	5
15	256QAM	36	20	16.76	16.80	16.67		
15	256QAM	36	39	16.59	16.66	16.76		
15	256QAM	75	0	16.56	16.66	16.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.74	21.75	21.75	23	0
10	QPSK	1	25	21.58	21.57	21.31		
10	QPSK	1	49	21.61	21.56	21.62		
10	QPSK	25	0	20.64	20.63	20.38	22	1
10	QPSK	25	12	20.61	20.25	20.42		
10	QPSK	25	25	20.62	20.51	20.39		
10	QPSK	50	0	20.70	20.74	20.32		
10	16QAM	1	0	21.01	20.68	20.45	22	1
10	16QAM	1	25	20.46	20.41	20.53		
10	16QAM	1	49	20.47	20.28	20.50		
10	16QAM	25	0	19.70	19.36	19.51	21	2
10	16QAM	25	12	19.63	19.50	19.58		
10	16QAM	25	25	19.53	19.36	19.34		
10	16QAM	50	0	19.64	19.36	19.41		
10	64QAM	1	0	19.50	19.52	19.60	21	2
10	64QAM	1	25	19.29	19.81	19.28		
10	64QAM	1	49	19.83	19.54	19.59		
10	64QAM	25	0	18.71	18.42	18.44	20	3
10	64QAM	25	12	18.61	18.49	18.60		
10	64QAM	25	25	18.67	18.40	18.41		
10	64QAM	50	0	18.76	18.38	18.49		
10	256QAM	1	0	16.54	16.64	16.53	18	5
10	256QAM	1	25	16.53	16.71	16.57		
10	256QAM	1	49	16.59	16.57	16.63		
10	256QAM	25	0	16.66	16.75	16.75	18	5
10	256QAM	25	12	16.76	16.74	16.69		
10	256QAM	25	25	16.51	16.73	16.73		
10	256QAM	50	0	16.60	16.66	16.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.70	21.80	21.70	23	0
5	QPSK	1	12	21.57	21.59	21.38		
5	QPSK	1	24	21.62	21.56	21.72		
5	QPSK	12	0	20.65	20.69	20.38	22	1
5	QPSK	12	7	20.62	20.21	20.52		
5	QPSK	12	13	20.69	20.39	20.50		
5	QPSK	25	0	20.63	20.80	20.32		
5	16QAM	1	0	20.98	20.66	20.46	22	1
5	16QAM	1	12	20.48	20.42	20.57		
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.41	21	2
5	16QAM	12	7	19.66	19.47	19.50		
5	16QAM	12	13	19.60	19.37	19.32		
5	16QAM	25	0	19.62	19.39	19.45		
5	64QAM	1	0	19.62	19.57	19.57	21	2
5	64QAM	1	12	19.33	19.67	19.21		
5	64QAM	1	24	19.80	19.46	19.57		
5	64QAM	12	0	18.66	18.39	18.53	20	3
5	64QAM	12	7	18.66	18.37	18.62		
5	64QAM	12	13	18.71	18.39	18.49		
5	64QAM	25	0	18.79	18.44	18.47		
5	256QAM	1	0	16.51	16.60	16.61	18	5
5	256QAM	1	12	16.55	16.69	16.52		
5	256QAM	1	24	16.60	16.67	16.65		
5	256QAM	12	0	16.65	16.80	16.72	18	5
5	256QAM	12	7	16.73	16.71	16.67		
5	256QAM	12	13	16.53	16.73	16.68		
5	256QAM	25	0	16.54	16.64	16.47		

Band 38_Ant 1

BW [MHz]	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	22.97	22.96	22.88	24	0
20	QPSK	1	49	22.97	22.75	22.78		
20	QPSK	1	99	22.70	22.64	22.71		
20	QPSK	50	0	21.67	21.72	21.35	23	1
20	QPSK	50	24	21.53	21.36	21.45		
20	QPSK	50	50	21.60	21.41	21.58		
20	QPSK	100	0	21.58	21.66	21.51		
20	16QAM	1	0	21.61	21.45	21.67	23	1
20	16QAM	1	49	21.48	21.68	21.83		
20	16QAM	1	99	21.72	21.73	21.68		
20	16QAM	50	0	20.72	20.50	20.45	22	2
20	16QAM	50	24	20.57	20.46	20.44		
20	16QAM	50	50	20.55	20.43	20.61		
20	16QAM	100	0	20.58	20.41	20.36		
20	64QAM	1	0	20.71	20.83	20.64	22	2
20	64QAM	1	49	20.86	20.72	20.73		
20	64QAM	1	99	20.63	20.67	20.66		
20	64QAM	50	0	19.62	19.36	19.52	21	3
20	64QAM	50	24	19.68	19.42	19.42		
20	64QAM	50	50	19.67	19.58	19.56		
20	64QAM	100	0	19.72	19.44	19.49		
20	256QAM	1	0	17.78	17.91	17.77	19	5
20	256QAM	1	49	17.48	17.54	17.54		
20	256QAM	1	99	17.48	17.48	17.37		
20	256QAM	50	0	17.74	17.84	17.74	19	5
20	256QAM	50	24	17.76	17.71	17.61		
20	256QAM	50	50	17.77	17.81	17.76		
20	256QAM	100	0	17.64	17.68	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.92	22.91	22.94	24	0
15	QPSK	1	37	22.89	22.86	22.85		
15	QPSK	1	74	22.70	22.65	22.74		
15	QPSK	36	0	21.78	21.73	21.36	23	1
15	QPSK	36	20	21.60	21.39	21.51		
15	QPSK	36	39	21.67	21.50	21.57		
15	QPSK	75	0	21.61	21.69	21.62		
15	16QAM	1	0	21.70	21.46	21.69	23	1
15	16QAM	1	37	21.50	21.78	21.89		
15	16QAM	1	74	21.83	21.73	21.73		
15	16QAM	36	0	20.79	20.60	20.49	22	2
15	16QAM	36	20	20.68	20.47	20.47		
15	16QAM	36	39	20.64	20.51	20.69		
15	16QAM	75	0	20.69	20.42	20.48		
15	64QAM	1	0	20.71	20.65	20.73	22	2
15	64QAM	1	37	20.87	20.74	20.78		
15	64QAM	1	74	20.74	20.67	20.72		
15	64QAM	36	0	19.73	19.46	19.60	21	3
15	64QAM	36	20	19.72	19.49	19.52		
15	64QAM	36	39	19.76	19.61	19.68		
15	64QAM	75	0	19.75	19.50	19.59		
15	256QAM	1	0	17.81	17.91	17.77	19	5
15	256QAM	1	37	17.49	17.58	17.62		
15	256QAM	1	74	17.56	17.49	17.39		
15	256QAM	36	0	17.86	17.90	17.85	19	5
15	256QAM	36	20	17.80	17.76	17.68		
15	256QAM	36	39	17.81	17.81	17.88		
15	256QAM	75	0	17.65	17.78	17.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.91	22.95	22.89	24	0
10	QPSK	1	25	22.84	22.79	22.90		
10	QPSK	1	49	22.73	22.65	22.72		
10	QPSK	25	0	21.74	21.83	21.44	23	1
10	QPSK	25	12	21.64	21.37	21.46		
10	QPSK	25	25	21.64	21.49	21.61		
10	QPSK	50	0	21.64	21.66	21.60		
10	16QAM	1	0	21.62	21.49	21.68	23	1
10	16QAM	1	25	21.52	21.73	21.83		
10	16QAM	1	49	21.76	21.82	21.69		
10	16QAM	25	0	20.81	20.59	20.52	22	2
10	16QAM	25	12	20.61	20.49	20.50		
10	16QAM	25	25	20.64	20.53	20.69		
10	16QAM	50	0	20.60	20.47	20.48		
10	64QAM	1	0	20.73	20.64	20.66	22	2
10	64QAM	1	25	20.86	20.82	20.77		
10	64QAM	1	49	20.68	20.74	20.74		
10	64QAM	25	0	19.73	19.36	19.52	21	3
10	64QAM	25	12	19.72	19.54	19.45		
10	64QAM	25	25	19.76	19.67	19.66		
10	64QAM	50	0	19.75	19.52	19.57		
10	256QAM	1	0	17.88	17.99	17.77	19	5
10	256QAM	1	25	17.49	17.62	17.61		
10	256QAM	1	49	17.56	17.60	17.40		
10	256QAM	25	0	17.80	17.87	17.75	19	5
10	256QAM	25	12	17.86	17.82	17.63		
10	256QAM	25	25	17.85	17.88	17.88		
10	256QAM	50	0	17.76	17.73	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.97	22.91	22.91	24	0
5	QPSK	1	12	22.84	22.76	22.87		
5	QPSK	1	24	22.75	22.73	22.80		
5	QPSK	12	0	21.78	21.72	21.38	23	1
5	QPSK	12	7	21.59	21.46	21.53		
5	QPSK	12	13	21.67	21.44	21.60		
5	QPSK	25	0	21.62	21.73	21.52		
5	16QAM	1	0	21.63	21.50	21.79	23	1
5	16QAM	1	12	21.55	21.74	21.68		
5	16QAM	1	24	21.75	21.83	21.68		
5	16QAM	12	0	20.79	20.57	20.55	22	2
5	16QAM	12	7	20.66	20.58	20.50		
5	16QAM	12	13	20.65	20.51	20.68		
5	16QAM	25	0	20.64	20.41	20.36		
5	64QAM	1	0	20.81	20.66	20.76	22	2
5	64QAM	1	12	20.93	20.75	20.79		
5	64QAM	1	24	20.70	20.72	20.75		
5	64QAM	12	0	19.71	19.36	19.57	21	3
5	64QAM	12	7	19.78	19.42	19.47		
5	64QAM	12	13	19.78	19.60	19.57		
5	64QAM	25	0	19.78	19.47	19.58		
5	256QAM	1	0	17.86	17.94	17.79	19	5
5	256QAM	1	12	17.49	17.60	17.61		
5	256QAM	1	24	17.50	17.55	17.44		
5	256QAM	12	0	17.78	17.87	17.84	19	5
5	256QAM	12	7	17.87	17.71	17.65		
5	256QAM	12	13	17.84	17.82	17.81		
5	256QAM	25	0	17.73	17.73	17.63		

Band 38_Ant 2

BW [MHz]	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	24.29	24.45	24.20	25.5	0
20	QPSK	1	49	24.32	24.17	24.13		
20	QPSK	1	99	24.31	24.05	24.06		
20	QPSK	50	0	23.32	23.42	23.10	24.5	1
20	QPSK	50	24	23.18	23.28	23.32		
20	QPSK	50	50	23.28	23.29	23.23		
20	QPSK	100	0	23.12	23.16	23.05		
20	16QAM	1	0	23.01	22.88	23.01	24.5	1
20	16QAM	1	49	23.14	23.06	22.96		
20	16QAM	1	99	22.98	23.04	23.18		
20	16QAM	50	0	22.10	22.04	22.14	23.5	2
20	16QAM	50	24	22.38	22.32	22.13		
20	16QAM	50	50	22.41	22.15	22.19		
20	16QAM	100	0	22.32	22.08	22.07		
20	64QAM	1	0	22.42	22.12	22.03	23.5	2
20	64QAM	1	49	22.44	21.95	21.92		
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11	22.5	3
20	64QAM	50	24	21.55	21.11	21.15		
20	64QAM	50	50	21.44	21.08	21.30		
20	64QAM	100	0	21.44	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44	20.5	5
20	256QAM	1	49	19.32	19.43	19.34		
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33	20.5	5
20	256QAM	50	24	19.45	19.34	19.38		
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.21	24.42	24.08	25.5	0
15	QPSK	1	37	24.31	24.11	24.05		
15	QPSK	1	74	24.29	23.94	23.97		
15	QPSK	36	0	23.28	23.41	22.98	24.5	1
15	QPSK	36	20	23.14	23.23	23.32		
15	QPSK	36	39	23.27	23.25	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	22.90	22.88	22.89	24.5	1
15	16QAM	1	37	23.05	22.95	22.91		
15	16QAM	1	74	22.98	22.93	23.14		
15	16QAM	36	0	22.07	21.92	22.12	23.5	2
15	16QAM	36	20	22.33	22.28	22.10		
15	16QAM	36	39	22.41	22.04	22.14		
15	16QAM	75	0	22.28	21.96	21.95		
15	64QAM	1	0	22.39	22.06	21.91	23.5	2
15	64QAM	1	37	22.41	21.93	22.01		
15	64QAM	1	74	22.06	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04	22.5	3
15	64QAM	36	20	21.52	21.03	21.15		
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	19.38	19.41	19.44	20.5	5
15	256QAM	1	37	19.32	19.31	19.26		
15	256QAM	1	74	19.23	19.36	19.14		
15	256QAM	36	0	19.22	19.21	19.27	20.5	5
15	256QAM	36	20	19.35	19.26	19.33		
15	256QAM	36	39	19.26	19.42	19.20		
15	256QAM	75	0	19.40	19.38	19.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.26	24.39	24.19	25.5	0
10	QPSK	1	25	24.25	24.14	24.06		
10	QPSK	1	49	24.31	24.02	23.99		
10	QPSK	25	0	23.30	23.42	23.03	24.5	1
10	QPSK	25	12	23.10	23.20	23.22		
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.15	23.03		
10	16QAM	1	0	22.94	22.80	22.96	24.5	1
10	16QAM	1	25	23.07	22.97	22.91		
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.00	22.03	22.07	23.5	2
10	16QAM	25	12	22.32	22.26	22.11		
10	16QAM	25	25	22.31	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	64QAM	1	0	22.35	22.10	22.00	23.5	2
10	64QAM	1	25	22.37	21.85	21.90		
10	64QAM	1	49	22.11	22.10	22.03		
10	64QAM	25	0	21.27	20.99	21.00	22.5	3
10	64QAM	25	12	21.48	21.06	21.06		
10	64QAM	25	25	21.36	21.05	21.28		
10	64QAM	50	0	21.32	20.92	21.23		
10	256QAM	1	0	19.39	19.40	19.33	20.5	5
10	256QAM	1	25	19.27	19.38	19.30		
10	256QAM	1	49	19.28	19.25	19.14		
10	256QAM	25	0	19.19	19.26	19.26	20.5	5
10	256QAM	25	12	19.42	19.24	19.36		
10	256QAM	25	25	19.29	19.37	19.30		
10	256QAM	50	0	19.34	19.39	19.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.35	24.14	25.5	0
5	QPSK	1	12	24.24	24.10	24.12		
5	QPSK	1	24	24.28	24.01	23.96		
5	QPSK	12	0	23.24	23.37	23.05	24.5	1
5	QPSK	12	7	23.10	23.20	23.25		
5	QPSK	12	13	23.24	23.18	23.22		
5	QPSK	25	0	23.03	23.11	22.99		
5	16QAM	1	0	22.93	22.88	22.98	24.5	1
5	16QAM	1	12	23.10	23.02	22.84		
5	16QAM	1	24	22.94	22.99	23.09		
5	16QAM	12	0	22.08	22.02	22.14	23.5	2
5	16QAM	12	7	22.38	22.20	22.04		
5	16QAM	12	13	22.36	22.11	22.09		
5	16QAM	25	0	22.27	21.99	21.95		
5	64QAM	1	0	22.35	22.10	21.92	23.5	2
5	64QAM	1	12	22.34	21.86	21.89		
5	64QAM	1	24	22.01	22.13	21.97		
5	64QAM	12	0	21.29	21.01	21.06	22.5	3
5	64QAM	12	7	21.50	21.01	21.05		
5	64QAM	12	13	21.40	20.98	21.30		
5	64QAM	25	0	21.36	20.98	21.21		
5	256QAM	1	0	19.40	19.38	19.39	20.5	5
5	256QAM	1	12	19.28	19.33	19.33		
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.25	19.20	19.23	20.5	5
5	256QAM	12	7	19.45	19.25	19.29		
5	256QAM	12	13	19.24	19.42	19.28		
5	256QAM	25	0	19.35	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2680	2690	2810		
20	QPSK	1	0	24.59	24.62	24.57		
20	QPSK	1	49	24.58	24.34	24.53	25.7	0
20	QPSK	1	99	24.57	24.34	24.33		
20	QPSK	50	0	23.55	23.58	23.47		
20	QPSK	50	24	23.55	23.39	23.38	24.7	1
20	QPSK	50	50	23.57	23.44	23.46		
20	QPSK	100	0	23.49	23.53	23.44		
20	16QAM	1	0	23.55	23.86	23.86		
20	16QAM	1	49	23.97	23.71	23.51	24.7	1
20	16QAM	1	99	23.72	23.54	23.46		
20	16QAM	50	0	22.54	22.37	22.47		
20	16QAM	50	24	22.68	22.36	22.48	23.7	2
20	16QAM	50	50	22.60	22.54	22.52		
20	16QAM	100	0	22.75	22.25	22.40		
20	64QAM	1	0	22.74	22.51	22.36		
20	64QAM	1	49	22.87	22.36	22.40	23.7	2
20	64QAM	1	99	22.60	22.47	22.58		
20	64QAM	50	0	21.65	21.37	21.40		
20	64QAM	50	24	21.72	21.40	21.42	22.7	3
20	64QAM	50	50	21.63	21.36	21.47		
20	64QAM	100	0	21.61	21.33	21.40		
20	256QAM	1	0	19.63	19.77	19.72		
20	256QAM	1	49	19.63	19.70	19.55	20.7	5
20	256QAM	1	99	19.46	19.55	19.46		
20	256QAM	50	0	19.57	19.65	19.54		
20	256QAM	50	24	19.48	19.64	19.59	20.7	5
20	256QAM	50	50	19.53	19.69	19.56		
20	256QAM	100	0	19.53	19.67	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.52	24.36		
15	QPSK	1	37	24.58	24.26	24.47	25.7	0
15	QPSK	1	74	24.51	24.20	24.30		
15	QPSK	36	0	23.54	23.55	23.36		
15	QPSK	36	20	23.43	23.27	23.35	24.7	1
15	QPSK	36	39	23.55	23.37	23.40		
15	QPSK	75	0	23.40	23.44	23.32		
15	16QAM	1	0	23.46	23.89	23.80		
15	16QAM	1	37	23.85	23.81	23.43	24.7	1
15	16QAM	1	74	23.71	23.45	23.38		
15	16QAM	36	0	22.42	22.26	22.43		
15	16QAM	36	20	22.59	22.24	22.41	23.7	2
15	16QAM	36	39	22.49	22.44	22.41		
15	16QAM	75	0	22.73	22.54	22.31		
15	64QAM	1	0	22.66	22.49	22.35		
15	64QAM	1	37	22.75	22.24	22.29	23.7	2
15	64QAM	1	74	22.49	22.38	22.50		
15	64QAM	36	0	21.63	21.32	21.37		
15	64QAM	36	20	21.61	21.38	21.39	22.7	3
15	64QAM	36	39	21.56	21.27	21.45		
15	64QAM	75	0	21.57	21.32	21.40		
15	256QAM	1	0	19.60	19.69	19.66		
15	256QAM	1	37	19.62	19.58	19.44	20.7	5
15	256QAM	1	74	19.41	19.43	19.34		
15	256QAM	36	0	19.56	19.55	19.50		
15	256QAM	36	20	19.48	19.83	19.49	20.7	5
15	256QAM	36	39	19.52	19.62	19.55		
15	256QAM	75	0	19.50	19.65	19.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.59	24.61	24.32		
10	QPSK	1	25	24.55	24.30	24.41	25.7	0
10	QPSK	1	49	24.51	24.13	24.28		
10	QPSK	25	0	23.44	23.58	23.42		
10	QPSK	25	12	23.45	23.31	23.33	24.7	1
10	QPSK	25	25	23.55	23.44	23.37		
10	QPSK	50	0	23.43	23.43	23.34		
10	16QAM	1	0	23.48	23.58	23.79		
10	16QAM	1	25	23.97	23.68	23.39	24.7	1
10	16QAM	1	49	23.64	23.43	23.43		
10	16QAM	25	0	22.51	22.34	22.44		
10	16QAM	25	12	22.65	22.39	22.44	23.7	2
10	16QAM	25	25	22.56	22.50	22.51		
10	16QAM	50	0	22.70	22.21	22.38		
10	64QAM	1	0	22.73	22.44	22.34		
10	64QAM	1	25	22.85	22.26	22.32	23.7	2
10	64QAM	1	49	22.51	22.43	22.58		
10	64QAM	25	0	21.65	21.36	21.38		
10	64QAM	25	12	21.66	21.34	21.32	22.7	3
10	64QAM	25	25	21.53	21.24	21.41		
10	64QAM	50	0	21.60	21.24	21.33		
10	256QAM	1	0	19.62	19.75	19.62		
10	256QAM	1	25	19.60	19.59	19.55	20.7	5
10	256QAM	1	49	19.46	19.54	19.34		
10	256QAM	25	0	19.48	19.65	19.48		
10	256QAM	25	12	19.37	19.53	19.48	20.7	5
10	256QAM	25	25	19.50	19.67	19.54		
10	256QAM	50	0	19.52	19.61	19.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.54	24.51	24.25		
5	QPSK	1	12	24.53	24.33	24.41	25.7	0
5	QPSK	1	24	24.47	24.12	24.31		
5	QPSK	12	0	23.46	23.58	23.43		
5	QPSK	12	7	23.49	23.36	23.30	24.7	1
5	QPSK	12	13	23.54	23.33	23.46		
5	QPSK	25	0	23.44	23.50	23.42		
5	16QAM	1	0	23.48	23.66	23.78		
5	16QAM	1	12	23.93	23.66	23.45	24.7	1
5	16QAM	1	24	23.63	23.49	23.42		
5	16QAM	12	0	22.51	22.37	22.38		
5	16QAM	12	7	22.66	22.35	22.46	23.7	2
5	16QAM	12	13	22.50	22.47	22.40		
5	16QAM	25	0	22.70	22.23	22.33		
5	64QAM	1	0	22.72	22.45	22.24		
5	64QAM	1	12	22.60	22.36	22.35	23.7	2
5	64QAM	1	24	22.60	22.41	22.49		
5	64QAM	12	0	21.64	21.36	21.37		
5	64QAM	12	7	21.61	21.37	21.41	22.7	3
5	64QAM	12	13	21.61	21.36	21.38		
5	64QAM	25	0	21.59	21.32	21.37		
5	256QAM	1	0	19.52	19.71	19.68		
5	256QAM	1	12	19.57	19.68	19.50	20.7	5
5	256QAM	1	24	19.40	19.49	19.42		
5	256QAM	12	0	19.45	19.55	19.53		
5	256QAM	12	7	19.39	19.62	19.49	20.7	5
5	256QAM	12	13	19.47	19.63	19.55		
5	256QAM	25	0	19.42	19.83	19.46		

Band 41_Ant 0

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	21.95	21.96	21.98	21.94	21.97		
20	QPSK	1	49	21.85	21.96	21.97	21.93	21.92	23	0
20	QPSK	1	99	21.95	21.94	21.96	21.94	21.92		
20	QPSK	50	0	20.79	20.85	20.87	20.79	20.75		
20	QPSK	50	24	20.77	20.74	20.80	20.77	20.83	22	1
20	QPSK	50	50	20.77	20.76	20.79	20.83	20.78		
20	QPSK	100	0	20.76	20.77	20.86	20.84	20.80		
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.75		
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.72	22	1
20	16QAM	1	99	20.74	20.84	20.80	20.74	20.69		
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.68		
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.73	21	2
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73		
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.66		
20	64QAM	1	0	19.78	19.85	19.82	19.72	19.67		
20	64QAM	1	49	19.72	19.85	19.82	19.72	19.69	21	2
20	64QAM	1	99	19.71	19.83	19.77	19.71	19.63		
20	64QAM	50	0	18.61	18.72	18.74	18.60	18.59		
20	64QAM	50	24	18.64	18.72	18.77	18.61	18.57	20	3
20	64QAM	50	50	18.71	18.73	18.68	18.63	18.53		
20	64QAM	100	0	18.61	18.78	18.73	18.62	18.60		
20	256QAM	1	0	16.52	16.68	16.63	16.49	16.51		
20	256QAM	1	49	16.58	16.69	16.73	16.57	16.54	18	5
20	256QAM	1	99	16.51	16.69	16.72	16.56	16.48		
20	256QAM	50	0	16.53	16.69	16.73	16.59	16.47		
20	256QAM	50	24	16.51	16.61	16.72	16.49	16.49	18	5
20	256QAM	50	50	16.61	16.65	16.66	16.54	16.59		
20	256QAM	100	0	16.60	16.68	16.69	16.49	16.53		
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	21.92	21.96	21.91	21.82	21.96		
15	QPSK	1	37	21.82	21.95	21.87	21.85	21.91	23.00	0
15	QPSK	1	74	21.88	21.86	21.96	21.88	21.89		
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.65		
15	QPSK	36	20	20.68	20.84	20.74	20.75	20.72	22	1
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70		
15	QPSK	75	0	20.70	20.66	20.85	20.78	20.79		
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.74		
15	16QAM	1	37	20.66	20.71	20.71	20.61	20.64	22	1
15	16QAM	1	74	20.71	20.74	20.78	20.62	20.61		
15	16QAM	36	0	19.64	19.65	19.72	19.74	19.58		
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71	21	2
15	16QAM	36	39	19.73	19.68	19.77	19.64	19.63		
15	16QAM	75	0	19.62	19.67	19.86	19.56	19.66		
15	64QAM	1	0	19.71	19.77	19.80	19.70	19.59		
15	64QAM	1	37	19.74	19.84	19.82	19.68	19.65	21	2
15	64QAM	1	74	19.69	19.80	19.67	19.64	19.54		
15	64QAM	36	0	18.57	18.64	18.67	18.60	18.55		
15	64QAM	36	20	18.59	18.64	18.68	18.59	18.55	20	3
15	64QAM	36	39	18.66	18.66	18.67	18.60	18.42		
15	64QAM	75	0	18.52	18.76	18.61	18.55	18.55		
15	256QAM	1	0	16.45	16.65	16.62	16.48	16.39		
15	256QAM	1	37	16.53	16.64	16.62	16.49	16.49	18	5
15	256QAM	1	74	16.46	16.66	16.67	16.46	16.36		
15	256QAM	36	0	16.41	16.58	16.68	16.54	16.44		
15	256QAM	36	20	16.40	16.53	16.69	16.37	16.47	18	5
15	256QAM	36	39	16.54	16.54	16.59	16.47	16.54		
15	256QAM	75	0	16.54	16.58	16.68	16.47	16.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.87	21.95	21.89	21.84	21.93		
10	QPSK	1	25	21.85	21.94	21.85	21.87	21.80	23.00	0
10	QPSK	1	49	21.90	21.85	21.96	21.85	21.89		
10	QPSK	25	0	20.70	20.80	20.84	20.79	20.71		
10	QPSK	25	12	20.78	20.65	20.74	20.67	20.78	22	1
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.78		
10	QPSK	50	0	20.65	20.75	20.82	20.83	20.74		
10	16QAM	1	0	20.69	20.74	20.70	20.77	20.67		
10	16QAM	1	25	20.89	20.68	20.65	20.59	20.62	22	1
10	16QAM	1	49	20.70	20.78	20.72	20.66	20.65		
10	16QAM	25	0	19.67	19.64	19.76	19.66	19.66		
10	16QAM	25	12	19.67	19.70	19.70	19.69	19.70	21	2
10	16QAM	25	25	19.78	19.69	19.70	19.60	19.73		
10	16QAM	50	0	19.74	19.79	19.78	19.62	19.63		
10	64QAM	1	0	19.77	19.77	19.77	19.69	19.64		
10	64QAM	1	25	19.70	19.78	19.70	19.64	19.63	21	2
10	64QAM	1	49	19.71	19.73	19.71	19.69	19.55		
10	64QAM	25	0	18.53	18.60	18.70	18.49	18.50		
10	64QAM	25	12	18.59	18.65	18.74	18.56	18.57	20	3
10	64QAM	25	25	18.59	18.65	18.68	18.56	18.46		
10	64QAM	50	0	18.53	18.75	18.66	18.57	18.59		
10	256QAM	1	0	16.51	16.61	16.59	16.46	16.51		
10	256QAM	1	25	16.57	16.61	16.62	16.51	16.50	18	5
10	256QAM	1	49	16.49	16.58	16.67	16.44	16.45		
10	256QAM	25	0	16.46	16.65	16.65	16.50	16.39		
10	256QAM	25	12	16.48	16.57	16.63	16.40	16.41	18	5
10	256QAM	25	25	16.58	16.60	16.65	16.44	16.52		
10	256QAM	50	0	16.49	16.61	16.59	16.46	16.50		
Channel				39675	40145	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.92	21.85	21.97	21.91	21.89		
5	QPSK	1	12	21.74	21.87	21.94	21.90	21.83	23.00	0
5	QPSK	1	24	21.82	21.85	21.96	21.90	21.90		
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74		
5	QPSK	12	7	20.67	20.63	20.68	20.70	20.75	22	1
5	QPSK	12	13	20.69	20.68	20.69	20.80	20.77		
5	QPSK	25	0	20.72	20.65	20.77	20.77	20.70		
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.75		
5	16QAM	1	12	20.80	20.74	20.71	20.64	20.72	22	1
5	16QAM	1	24	20.65	20.77	20.78	20.64	20.66		
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.68		
5	16QAM	12	7	19.76	19.78	19.71	19.72	19.64	21	2
5	16QAM	12	13	19.75	19.68	19.72	19.67	19.67		
5	16QAM	25	0	19.73	19.68	19.86	19.62	19.61		
5	64QAM	1	0	19.70	19.75	19.70	19.64	19.57		
5	64QAM	1	12	19.70	19.81	19.81	19.67	19.65	21	2
5	64QAM	1	24	19.67	19.74	19.72	19.64	19.58		
5	64QAM	12	0	18.55	18.61	18.73	18.50	18.49		
5	64QAM	12	7	18.54	18.63	18.72	18.56	18.47	20	3
5	64QAM	12	13	18.62	18.62	18.62	18.59	18.48		
5	64QAM	25	0	18.51	18.67	18.66	18.51	18.51		
5	256QAM	1	0	16.51	16.63	16.52	16.43	16.47		
5	256QAM	1	12	16.49	16.63	16.62	16.56	16.54	18	5
5	256QAM	1	24	16.45	16.64	16.70	16.56	16.44		
5	256QAM	12	0	16.42	16.69	16.64	16.54	16.37		
5	256QAM	12	7	16.48	16.57	16.72	16.44	16.43	18	5
5	256QAM	12	13	16.53	16.63	16.61	16.46	16.58		
5	256QAM	25	0	16.50	16.62	16.67	16.44	16.41		

Band 41_Ant 1

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.14	23.05	23.16	22.95	23.03		
20	QPSK	1	49	23.02	23.05	23.06	22.95	22.93	24	0
20	QPSK	1	99	23.09	22.97	23.14	22.85	22.96		
20	QPSK	50	0	22.02	22.00	22.14	21.96	21.96		
20	QPSK	50	24	22.13	22.02	22.11	21.95	21.96	23	1
20	QPSK	50	50	22.13	21.96	22.12	21.90	22.01		
20	QPSK	100	0	22.05	22.05	22.15	21.85	21.94		
20	16QAM	1	0	22.08	22.04	22.07	21.84	22.03		
20	16QAM	1	49	22.02	22.05	22.05	21.84	22.02	23	1
20	16QAM	1	99	22.04	22.03	22.08	21.90	21.93		
20	16QAM	50	0	21.09	21.02	21.13	20.86	21.00		
20	16QAM	50	24	21.12	21.05	21.12	20.88	20.93	22	2
20	16QAM	50	50	21.08	20.96	21.15	20.83	20.95		
20	16QAM	100	0	21.04	21.00	21.06	20.85	20.96		
20	64QAM	1	0	21.02	21.04	21.11	20.86	21.01		
20	64QAM	1	49	21.12	20.99	21.13	20.83	20.98	22	2
20	64QAM	1	99	21.08	21.00	21.15	20.89	20.93		
20	64QAM	50	0	20.03	20.04	20.09	19.87	20.03		
20	64QAM	50	24	20.13	19.99	20.13	19.85	20.01	21	3
20	64QAM	50	50	20.11	20.02	20.10	19.84	19.94		
20	64QAM	100	0	20.14	19.99	20.09	19.91	19.95		
20	256QAM	1	0	18.09	17.98	18.13	17.89	17.93		
20	256QAM	1	49	18.08	18.03	18.05	17.85	17.97	19	5
20	256QAM	1	99	18.03	17.97	18.08	17.85	18.03		
20	256QAM	50	0	18.13	17.98	18.11	17.84	17.98		
20	256QAM	50	24	18.06	18.04	18.12	17.85	17.98	19	5
20	256QAM	50	50	18.07	18.05	18.05	17.84	17.93		
20	256QAM	100	0	18.05	17.95	18.15	17.93	18.02		
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	23.05	22.94	23.11	22.95	22.91		
15	QPSK	1	37	23.01	23.03	22.95	22.86	22.89	24.00	0
15	QPSK	1	74	23.09	22.94	23.09	22.85	22.88		
15	QPSK	36	0	21.91	21.96	22.11	21.94	21.91		
15	QPSK	36	20	22.04	21.92	22.05	21.88	21.87	23	1
15	QPSK	36	39	22.01	21.88	22.01	21.78	21.97		
15	QPSK	75	0	21.96	22.04	22.12	21.81	21.85		
15	16QAM	1	0	21.97	21.96	22.07	21.82	21.93		
15	16QAM	1	37	21.99	22.00	22.03	21.75	21.96	23	1
15	16QAM	1	74	22.04	21.95	22.05	21.81	21.83		
15	16QAM	36	0	21.01	20.97	21.13	20.76	20.92		
15	16QAM	36	20	21.11	21.00	21.09	20.85	20.90	22	2
15	16QAM	36	39	20.99	20.88	21.12	20.76	20.95		
15	16QAM	75	0	21.04	21.00	20.96	20.82	20.93		
15	64QAM	1	0	20.97	20.92	21.11	20.86	21.01		
15	64QAM	1	37	21.07	20.99	21.04	20.82	20.93	22	2
15	64QAM	1	74	21.04	20.89	21.06	20.85	20.93		
15	64QAM	36	0	19.91	20.03	19.97	19.77	19.95		
15	64QAM	36	20	20.05	19.95	20.11	19.77	19.94	21	3
15	64QAM	36	39	20.07	19.93	20.04	19.72	19.85		
15	64QAM	75	0	20.04	19.96	20.06	19.79	19.88		
15	256QAM	1	0	18.06	17.96	18.04	17.79	17.90		
15	256QAM	1	37	18.03	17.96	17.94	17.80	17.87	19	5
15	256QAM	1	74	17.95	17.92	18.05	17.76	17.94		
15	256QAM	36	0	18.07	17.87	17.99	17.77	17.88		
15	256QAM	36	20	18.03	17.94	18.10	17.74	17.98	19	5
15	256QAM	36	39	17.97	18.04	17.97	17.76	17.90		
15	256QAM	75	0	17.99	17.88	18.07	17.81	17.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.12	23.02	23.09	22.86	23.03		
10	QPSK	1	25	22.97	22.96	23.05	22.92	22.89	24.00	0
10	QPSK	1	49	23.04	22.97	23.10	22.77	22.86		
10	QPSK	25	0	21.98	21.95	22.14	21.78	21.88		
10	QPSK	25	12	22.04	22.01	22.07	21.87	21.91	23	1
10	QPSK	25	25	22.10	21.86	22.04	21.88	21.96		
10	QPSK	50	0	21.94	22.03	22.05	21.82	21.82		
10	16QAM	1	0	22.02	21.93	21.99	21.73	21.98		
10	16QAM	1	25	21.91	22.00	22.05	21.78	21.91	23	1
10	16QAM	1	49	21.93	22.03	22.08	21.89	21.87		
10	16QAM	25	0	21.09	20.90	21.12	20.85	20.95		
10	16QAM	25	12	21.10	21.05	21.07	20.85	20.85	22	2
10	16QAM	25	25	21.02	20.92	21.10	20.76	20.87		
10	16QAM	50	0	21.02	20.89	21.00	20.83	20.91		
10	64QAM	1	0	20.91	20.94	21.10	20.86	20.95		
10	64QAM	1	25	21.09	20.92	21.09	20.72	20.92	22	2
10	64QAM	1	49	21.01

Band 41_Ant 2

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	2546.5	2593	2639.5	2680		
20	QPSK	1	0	23.98	24.31	24.56	24.35	24.16	25.5	0
20	QPSK	1	49	24.13	24.38	23.97	24.07	24.29		
20	QPSK	1	99	23.88	24.18	24.06	23.99	24.09		
20	QPSK	50	0	23.02	23.38	23.47	23.21	23.25	24.5	1
20	QPSK	50	24	23.04	23.41	23.32	23.39	23.27		
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21		
20	QPSK	100	0	23.09	23.39	23.41	23.21	23.23		
20	16QAM	1	0	22.89	23.33	22.85	23.53	23.42	24.5	1
20	16QAM	1	49	23.06	23.18	23.42	23.32	23.23		
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23		
20	16QAM	50	0	21.98	22.38	22.19	22.35	22.26	23.5	2
20	16QAM	50	24	22.19	22.54	22.28	22.31	22.26		
20	16QAM	50	50	22.05	22.45	22.32	22.22	22.28		
20	16QAM	100	0	22.06	22.43	22.25	22.31	22.28		
20	64QAM	1	0	21.90	22.39	22.43	22.32	22.43	23.5	2
20	64QAM	1	49	22.19	22.36	22.06	21.84	22.02		
20	64QAM	1	99	21.97	22.15	22.14	22.04	21.71		
20	64QAM	50	0	20.98	21.45	21.19	21.22	21.25	22.5	3
20	64QAM	50	24	20.94	21.42	21.11	21.23	21.26		
20	64QAM	50	50	21.17	21.32	21.26	21.25	21.22		
20	64QAM	100	0	20.98	21.36	21.30	21.26	21.16		
20	256QAM	1	0	19.53	19.56	19.70	19.55	19.60	20.5	5
20	256QAM	1	49	19.14	19.24	19.42	19.16	19.19		
20	256QAM	1	99	19.38	19.38	19.46	19.39	19.44		
20	256QAM	50	0	19.46	19.31	19.54	19.39	19.36	20.5	5
20	256QAM	50	24	19.52	19.51	19.64	19.53	19.48		
20	256QAM	50	50	19.34	19.50	19.47	19.41	19.42		
20	256QAM	100	0	19.62	19.49	19.51	19.50	19.37		
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	24.02	24.36	24.49	24.47	24.20	25.50	0
15	QPSK	1	37	24.20	24.38	24.04	24.11	24.34		
15	QPSK	1	74	23.77	24.27	24.12	24.01	24.09		
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27	24.5	1
15	QPSK	36	20	23.10	23.48	23.40	23.41	23.34		
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28		
15	QPSK	75	0	23.10	23.48	23.52	23.28	23.26		
15	16QAM	1	0	23.01	23.39	22.87	23.58	23.51	24.5	1
15	16QAM	1	37	23.11	23.19	23.51	23.40	23.26		
15	16QAM	1	74	22.74	23.11	23.51	23.11	23.30		
15	16QAM	36	0	21.99	22.43	22.27	22.38	22.34	23.5	2
15	16QAM	36	20	22.27	22.59	22.40	22.36	22.31		
15	16QAM	36	39	22.10	22.53	22.32	22.26	22.38		
15	16QAM	75	0	22.15	22.52	22.35	22.31	22.31		
15	64QAM	1	0	22.01	22.42	22.48	22.38	22.50	23.5	2
15	64QAM	1	37	22.26	22.42	22.17	21.91	22.07		
15	64QAM	1	74	21.99	22.22	22.19	22.15	21.76		
15	64QAM	36	0	21.03	21.46	21.27	21.33	21.29	22.5	3
15	64QAM	36	20	21.01	21.53	21.18	21.33	21.38		
15	64QAM	36	39	21.29	21.33	21.30	21.26	21.32		
15	64QAM	75	0	21.01	21.41	21.42	21.28	21.16		
15	256QAM	1	0	19.55	19.57	19.79	19.66	19.63	20.5	5
15	256QAM	1	37	19.17	19.32	19.48	19.17	19.20		
15	256QAM	1	74	19.46	19.42	19.57	19.47	19.52		
15	256QAM	36	0	19.53	19.31	19.55	19.47	19.50	20.5	5
15	256QAM	36	20	19.62	19.55	19.70	19.56	19.54		
15	256QAM	36	39	19.46	19.52	19.50	19.44	19.54		
15	256QAM	75	0	19.67	19.57	19.51	19.58	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.13	24.41	24.55	24.53	24.21	25.50	0
10	QPSK	1	25	24.26	24.49	24.09	24.13	24.40		
10	QPSK	1	49	23.81	24.35	24.16	24.08	24.18		
10	QPSK	25	0	23.17	23.56	23.58	23.37	23.31	24.5	1
10	QPSK	25	12	23.18	23.54	23.49	23.43	23.46		
10	QPSK	25	25	23.33	23.63	23.27	23.51	23.32		
10	QPSK	50	0	23.19	23.50	23.52	23.31	23.29		
10	16QAM	1	0	23.12	23.49	22.90	23.67	23.56	24.5	1
10	16QAM	1	25	23.22	23.20	23.61	23.41	23.29		
10	16QAM	1	49	22.81	23.18	23.61	23.20	23.38		
10	16QAM	25	0	22.05	22.47	22.33	22.49	22.42	23.5	2
10	16QAM	25	12	22.31	22.62	22.42	22.41	22.35		
10	16QAM	25	25	22.20	22.56	22.34	22.30	22.39		
10	16QAM	50	0	22.19	22.58	22.38	22.31	22.41		
10	64QAM	1	0	22.01	22.54	22.51	22.45	22.55	23.5	2
10	64QAM	1	25	22.32	22.43	22.17	22.00	22.13		
10	64QAM	1	49	21.99	22.24	22.31	22.20	21.77		
10	64QAM	25	0	21.07	21.47	21.32	21.42	21.32	22.5	3
10	64QAM	25	12	21.04	21.56	21.28	21.40	21.50		
10	64QAM	25	25	21.38	21.39	21.34	21.31	21.42		
10	64QAM	50	0	21.04	21.43	21.47	21.31	21.28		
10	256QAM	1	0	19.63	19.66	19.86	19.70	19.73	20.5	5
10	256QAM	1	25	19.23	19.41	19.48	19.23	19.27		
10	256QAM	1	49	19.53	19.54	19.66	19.54	19.58		
10	256QAM	25	0	19.55	19.34	19.59	19.49	19.54	20.5	5
10	256QAM	25	12	19.65	19.67	19.72	19.63	19.57		
10	256QAM	25	25	19.52	19.58	19.50	19.44	19.64		
10	256QAM	50	0	19.74	19.69	19.56	19.63	19.58		
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	24.03	24.46	24.51	24.51	24.29	25.50	0
5	QPSK	1	12	24.22	24.43	24.14	24.21	24.41		
5	QPSK	1	24	23.83	24.34	24.24	24.05	24.15		
5	QPSK	12	0	23.12	23.58	23.50	23.33	23.28	24.5	1
5	QPSK	12	7	23.21	23.59	23.47	23.44	23.42		
5	QPSK	12	13	23.35	23.46	23.34	23.49	23.40		
5	QPSK	25	0	23.12	23.50	23.53	23.31	23.37		
5	16QAM	1	0	23.06	23.47	22.97	23.60	23.57	24.5	1
5	16QAM	1	12	23.12	23.26	23.56	23.49	23.30		
5	16QAM	1	24	22.75	23.21	23.54	23.15	23.39		
5	16QAM	12	0	22.05	22.47	22.27	22.43	22.43	23.5	2
5	16QAM	12	7	22.37	22.61	22.46	22.48	22.40		
5	16QAM	12	13	22.11	22.60	22.32	22.35	22.50		
5	16QAM	25	0	22.25	22.56	22.35	22.38	22.36		
5	64QAM	1	0	22.03	22.51	22.51	22.42	22.52	23.5	2
5	64QAM	1	12	22.33	22.49	22.21	21.91	22.15		
5	64QAM	1	24	22.05	22.30	22.22	22.23	21.80		
5	64QAM	12	0	21.10	21.51	21.39	21.37	21.32	22.5	3
5	64QAM	12	7	21.07	21.60	21.22	21.33	21.49		
5	64QAM	12	13	21.32	21.41	21.41	21.27	21.36		
5	64QAM	25	0	21.13	21.45	21.50	21.38	21.17		
5	256QAM	1	0	19.60	19.68	19.88	19.67	19.64	20.5	5
5	256QAM	1	12	19.23	19.35	19.51	19.18	19.24		
5	256QAM	1	24	19.53	19.52	19.65	19.57	19.53		
5	256QAM	12	0	19.54	19.40	19.64	19.58	19.58	20.5	5
5	256QAM	12	7	19.74	19.60	19.76	19.60	19.60		
5	256QAM	12	13	19.47	19.60	19.60	19.51	19.62		
5	256QAM	25	0	19.79	19.67	19.51	19.61	19.55		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2546.5	2593	2639.5	2680		
20	QPSK	1	0	23.96	24.12	24.31	24.24	24.02	25.5	0
20	QPSK	1	49	23.92	24.10	24.28	24.19	23.97		
20	QPSK	1	99	23.93	24.01	24.27	24.24	23.95		
20	QPSK	50	0	22.88	23.11	23.24	23.22	22.90	24.5	1
20	QPSK	50	24	22.91	23.04	23.19	23.12	23.00		
20	QPSK	50	50	22.90	23.08	23.23	23.21	22.94		
20	QPSK	100	0	22.89	23.12	23.32	23.16	22.90		
20	16QAM	1	0	22.84	23.00	23.19	23.24	23.01	24.5	1
20	16QAM	1	49	22.94	23.00	23.28	23.24	22.96		
20	16QAM	1	99	22.88	23.09	23.25	23.17	22.99		
20	16QAM	50	0	21.96	22.02	22.29	22.12	21.96	23.5	2
20	16QAM	50	24	21.93	22.01	22.24	22.24	22.02		
20	16QAM	50	50	21.91	22.02	22.27	22.15	21.92		
20	16QAM	100	0	21.88	22.02	22.21	22.15	21.98		
20	64QAM	1	0	21.96	22.10	22.29	22.13	22.00	23.5	2
20	64QAM	1	49	21.84	22.11	22.25	22.20	21.99		
20	64QAM	1	99	21.91	22.07	22.27	22.17	21.95		
20	64QAM	50	0	20.91	21.11	21.29	21.16	20.96	22.5	3
20	64QAM	50	24	20.91	21.02	21.19	21.13	20.95		
20	64QAM	50	50	20.93	21.12	21.27	21.22	20.91		
20	64QAM	100	0	20.85	21.00	21.25	21.21	20.94		
20	256QAM	1	0	18.86	19.07	19.25	19.14	18.97	20.5	5
20	256QAM	1	49	18.94	19.12	19.23	19.15	18.99		
20	256QAM	1	99	18.87	19.06	19.21	19.17	18.95		
20	256QAM	50	0	18.92	19.03	19.23	19.14	18.97	20.5	5
20	256QAM	50	24	18.84	19.01	19.21	19.15	18.99		
20	256QAM	50	50	18.93	19.06	19.21	19.17	18.90		
20	256QAM	100	0	18.91	19.00	19.22	19.15	18.93		
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	23.91	24.02	24.30	24.18	23.93	25.50	0
15	QPSK	1	37	23.97	24.13	24.21	24.21	24.04		
15	QPSK	1	74	24.02	24.13	24.28	24.27	23.99		
15	QPSK	36	0	22.97	23.19	23.30	23.30	22.94	24.5	1
15	QPSK	36	20	22.97	23.13	23.22	23.18	23.01		
15	QPSK	36	39	22.90	23.19	23.28	23.28	22.98		
15	QPSK	75	0	22.99	23.14	23.34	23.18	22.98		
15	16QAM	1	0	22.96	23.07	23.26	23.31	23.10	24.5	1
15	16QAM	1	37	23.04	23.06	23.30	23.32	23.02		
15	16QAM	1	74	22.97	23.20	23.32	23.25	23.07		
15	16QAM	36	0	22.07	22.07	22.40	22.16	22.05	23.5	2
15	16QAM	36	20	22.05	22.04	22.28	22.36	22.10		
15	16QAM	36	39	21.99	22.13	22.39	22.26	21.96		
15	16QAM	75	0	21.93	22.10	22.29	22.23	22.08		
15	64QAM	1	0	22.05	22.14	22.41	22.22	22.01	23.5	2
15	64QAM	1	37	21.94	22.13	22.37	22.24	22.11		
15	64QAM	1	74	21.91	22.11	22.34	22.20	22.05		
15	64QAM	36	0	21.03	21.14	21.32	21.27	21.08	22.5	3
15	64QAM	36	20	21.01	21.02	21.21	21.17	21.02		
15	64QAM	36	39	21.05	21.20	21.38	21.25	20.97		
15	64QAM	75	0	20.97	21.04	21.34	21.33	21.03		
15	256QAM	1	0	18.95	19.12	19.32	19.21	19.04	20.5	5
15	256QAM	1	37	19.00	19.13	19.24	19.24	19.02		
15	256QAM	1	74		19.16	19.23	19.29	19.02		
15	256QAM	36	0	18.97	19.06	19.35	19.26	19.05	20.5	5
15	256QAM	36	20	18.88	19.02	19.28	19.19	19.00		
15	256QAM	36	39	18.94	19.12	19.32	19.17	18.97		
15	256QAM	75	0	18.92	19.06	19.32	19.16	19.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	24.06	24.28	24.18	24.01	25.50	0
10	QPSK	1	25	24.00	24.22	24.12	24.23	24.00		
10	QPSK	1	49	23.94	24.02	24.27	24.30	24.03		
10	QPSK	25	0	22.95	23.22	23.33	23.33	22.97	24.5	1
10	QPSK	25	12	23.02	23.04	23.23	23.13	23.06		
10	QPSK	25	25	22.93	23.09	23.22	23.24	22.99		
10	QPSK	50	0	22.94	23.15	23.41	23.19	22.94		
10	16QAM	1	0	22.92	23.00	23.25	23.34	23.11	24.5	1
10	16QAM	1	25	23.02	23.08	23.38	23.39	23.02		
10	16QAM	1	49	22.94	23.16	23.27	23.24	23.10		
10	16QAM	25	0	22.02	22.10	22.37	22.21	21.97	23.5	2
10	16QAM	25	12	21.93	22.08	22.27	22.24	22.12		
10	16QAM	25	25	21.93	22.06	22.30	22.20	22.04		
10	16QAM	50	0	21.92	22.07	22.30	22.21	22.05		
10	64QAM	1	0	22.06	22.19	22.29	22.25	22.08	23.5	2
10	64QAM	1	25	21.87	22.12	22.31	22.32	22.09		
10	64QAM	1	49	21.97	22.09	22.36	22.23	22.00		
10	64QAM	25	0	20.98	21.18	21.39	21.20	21.05	22.5	3
10	64QAM	25	12	20.98	21.04	21.26	21.13	21.06		
10	64QAM	25	25	20.97	21.22	21.36	21.23	21.01		
10	64QAM	50	0	20.96	21.03	21.26	21.29	21.03		
10	256QAM	1	0	18.87	19.16	19.35	19.18	19.00	20.5	5
10	256QAM	1	25	18.95	19.21	19.24	19.21	19.06		
10	256QAM	1	49	18.94	19.18	19.27	19.22	19.04		
10	256QAM	25	0	18.97	19.13	19.28	19.25	18.98	20.5	5
10	256QAM	25	12	18.88	19.07	19.23	19.16	19.11		
10	256QAM	25	25	18.96	19.08	19.42	19.27	18.94		
10	256QAM	50	0	18.95	19.07	19.29	19.18	19.00		
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	23.91	24.07	24.24	24.19	23.98	25.50	0
5	QPSK	1	12	24.02	24.10	24.30	24.22	24.05		
5	QPSK	1	24	23.94	24.10	24.30	24.24	23.95		
5	QPSK	12	0	22.98	23.18	23.34	23.22	22.98	24.5	1
5	QPSK	12	7	22.98	23.06	23.29	23.22	23.06		
5	QPSK	12	13	22.99	23.08	23.23	23.33	23.02		
5	QPSK	25	0	22.96	23.22	23.39	23.23	23.01		
5	16QAM	1	0	22.91	23.08	23.23	23.26	23.11	24.5	1
5	16QAM	1	12	23.06	23.05	23.33	23.36	22.99		
5	16QAM	1	24	22.90	23.16	23.27	23.22	22.99		
5	16QAM	12	0	22.00	22.07	22.37	22.14	22.04	23.5	2
5	16QAM	12	7	21.93	22.13	22.32	22.26	22.09		
5	16QAM	12	13	21.96	22.11	22.31	22.16	21.94		
5	16QAM	25	0	21.89	22.06	22.21	22.19	22.00		
5	64QAM	1	0	21.98	22.13	22.31	22.25	22.10	23.5	2
5	64QAM	1	12	21.89	22.11	22.30	22.21	22.05		
5	64QAM	1	24	21.96	22.11	22.32	22.19	21.97		
5	64QAM	12	0	20.95	21.12	21.39	21.28	20.96	22.5	3
5	64QAM	12	7	20.96	21.09	21.25	21.23	21.05		
5	64QAM	12	13	21.00	21.24	21.28	21.38	20.99		
5	64QAM	25	0	20.91	21.04	21.32	21.32	21.01		
5	256QAM	1	0	18.93	19.07	19.31	19.24	19.07	20.5	5
5	256QAM	1	12	19.00	19.14	19.34	19.15	18.99		
5	256QAM	1	24	18.90	19.12	19.22	19.27	19.06		
5	256QAM	12	0	19.01	19.10	19.35	19.25	18.97	20.5	5
5	256QAM	12	7	18.87	19.08	19.24	19.22	19.03		
5	256QAM	12	13	18.97	19.06	19.36	19.26	18.96		
5	256QAM	25	0	18.98	19.10	19.24	19.19	18.98		

Reduced DSI1 Power for CA&EN-DC LTE Main PA

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.11	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.66	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.61	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.40	23.5	2
20	64QAM	1	49	22.42	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.16	21.06	22.5	3
20	64QAM	50	24	21.16	21.09	21.12		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
20	256QAM	1	0	19.35	19.37	19.34	20.5	5
20	256QAM	1	49	19.38	19.50	19.58		
20	256QAM	1	99	19.33	19.35	19.51		
20	256QAM	50	0	19.28	19.36	19.32	20.5	5
20	256QAM	50	24	19.26	19.10	19.26		
20	256QAM	50	50	19.34	19.27	19.35		
20	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.21		
15	QPSK	36	39	23.04	23.16	23.18		
15	QPSK	75	0	23.14	23.10	23.21		
15	16QAM	1	0	23.27	23.15	23.35	24.5	1
15	16QAM	1	37	23.65	22.97	23.43		
15	16QAM	1	74	23.55	23.26	23.78		
15	16QAM	36	0	22.05	22.03	22.18	23.5	2
15	16QAM	36	20	21.93	21.96	22.01		
15	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.30	23.5	2
15	64QAM	1	37	22.09	21.92	21.99		
15	64QAM	1	74	22.33	21.97	22.20		
15	64QAM	36	0	21.05	20.98	21.03	22.5	3
15	64QAM	36	20	20.98	20.93	21.02		
15	64QAM	36	39	21.03	21.03	21.06		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.01	24.10	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.04		
10	QPSK	1	49	24.06	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.96	23.03		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	16QAM	1	0	23.26	23.02	23.38	24.5	1
10	16QAM	1	25	23.62	22.85	23.40		
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	21.99	21.91	22.09		
10	16QAM	25	25	22.19	22.09	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	64QAM	1	0	22.21	21.79	22.37	23.5	2
10	64QAM	1	25	22.22	22.21	22.06		
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.11	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.98	21.21		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	25	19.23	19.60	19.54		
10	256QAM	1	49	19.13	19.30	19.39		
10	256QAM	25	0	19.17	19.26	19.08	20.5	5
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.08	23.05	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.13	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.86		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.95	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.21		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.96		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.26	19.33	19.12		
5	256QAM	25	0	19.20	19.34	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.99	24.04	25.5	0
3	QPSK	1	8	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.96	22.10		
3	16QAM	8	7	22.16	22.01	22.13		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	20.99	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.12	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.36	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.06		
1.4	QPSK	3	0	23.95	23.95	23.92		
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.85	23.95		
1.4	QPSK	6	0	23.00	23.14	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.38		
1.4	16QAM	1	5	23.56	23.23	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.68	23.34		
1.4	16QAM	3	3	23.45	23.19	23.65		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.96	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.15		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.76	18.79	18.67	20	0
20	QPSK	1	49	18.64	18.66	18.62		
20	QPSK	1	99	18.66	18.63	18.60		
20	QPSK	50	0	18.47	18.49	18.56		
20	QPSK	50	24	18.39	18.58	18.58		
20	QPSK	50	50	18.48	18.57	18.58		
20	QPSK	100	0	18.51	18.59	18.54		
20	16QAM	1	0	18.69	18.60	18.70	20	0
20	16QAM	1	49	18.76	18.76	18.76		
20	16QAM	1	99	18.65	18.57	18.59		
20	16QAM	50	0	18.57	18.64	18.57		
20	16QAM	50	24	18.67	18.67	18.64		
20	16QAM	50	50	18.64	18.69	18.50		
20	16QAM	100	0	18.64	18.57	18.59		
20	64QAM	1	0	18.58	18.66	18.67	20	0
20	64QAM	1	49	18.75	18.78	18.77		
20	64QAM	1	99	18.48	18.60	18.60		
20	64QAM	50	0	18.67	18.54	18.61		
20	64QAM	50	24	18.68	18.53	18.61		
20	64QAM	50	50	18.51	18.55	18.58		
20	64QAM	100	0	18.51	18.58	18.63		
20	256QAM	1	0	18.57	18.58	18.65	20	0
20	256QAM	1	49	18.77	18.71	18.72		
20	256QAM	1	99	18.78	18.76	18.77		
20	256QAM	50	0	18.67	18.71	18.54		
20	256QAM	50	24	18.51	18.74	18.63		
20	256QAM	50	50	18.64	18.67	18.64		
20	256QAM	100	0	18.58	18.63	18.62		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.72	18.77	18.65	20	0
15	QPSK	1	37	18.52	18.58	18.59		
15	QPSK	1	74	18.56	18.53	18.48		
15	QPSK	36	0	18.32	18.49	18.51		
15	QPSK	36	20	18.33	18.50	18.52		
15	QPSK	36	39	18.38	18.46	18.50		
15	QPSK	75	0	18.49	18.48	18.46		
15	16QAM	1	0	18.65	18.53	18.57	20	0
15	16QAM	1	37	18.67	18.72	18.63		
15	16QAM	1	74	18.58	18.53	18.48		
15	16QAM	36	0	18.53	18.57	18.47		
15	16QAM	36	20	18.61	18.59	18.55		
15	16QAM	36	39	18.58	18.58	18.46		
15	16QAM	75	0	18.52	18.49	18.47		
15	64QAM	1	0	18.46	18.55	18.64	20	0
15	64QAM	1	37	18.69	18.70	18.70		
15	64QAM	1	74	18.36	18.54	18.52		
15	64QAM	36	0	18.58	18.47	18.58		
15	64QAM	36	20	18.55	18.40	18.51		
15	64QAM	36	39	18.40	18.43	18.56		
15	64QAM	75	0	18.40	18.50	18.51		
15	256QAM	1	0	18.52	18.47	18.56	20	0
15	256QAM	1	37	18.74	18.61	18.62		
15	256QAM	1	74	18.74	18.63	18.72		
15	256QAM	36	0	18.65	18.66	18.44	20	0
15	256QAM	36	20	18.44	18.69	18.58		
15	256QAM	36	39	18.62	18.61	18.57		
15	256QAM	75	0	18.45	18.59	18.52		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.10	24.09	24.09	20	0
10	QPSK	1	25	18.57	18.60	18.53		
10	QPSK	1	49	18.62	18.51	18.58		
10	QPSK	25	0	18.32	18.56	18.44	20	0
10	QPSK	25	12	18.38	18.48	18.45		
10	QPSK	25	25	18.36	18.52	18.47		
10	QPSK	50	0	18.45	18.46	18.52		
10	16QAM	1	0	18.65	18.68	18.64	20	0
10	16QAM	1	25	18.66	18.72	18.65		
10	16QAM	1	49	18.52	18.51	18.49		
10	16QAM	25	0	18.53	18.53	18.53	20	0
10	16QAM	25	12	18.57	18.57	18.59		
10	16QAM	25	25	18.56	18.48	18.44		
10	16QAM	50	0	18.57	18.52	18.48		
10	64QAM	1	0	18.50	18.60	18.54	20	0
10	64QAM	1	25	18.63	18.52	18.67		
10	64QAM	1	49	18.40	18.55	18.50		
10	64QAM	25	0	18.61	18.50	18.52	20	0
10	64QAM	25	12	18.54	18.49	18.52		
10	64QAM	25	25	18.38	18.40	18.50		
10	64QAM	50	0	18.45	18.47	18.59		
10	256QAM	1	0	18.50	18.54	18.53	20	0
10	256QAM	1	25	18.68	18.62	18.62		
10	256QAM	1	49	18.76	18.64	18.67		
10	256QAM	25	0	18.59	18.68	18.42	20	0
10	256QAM	25	12	18.41	18.67	18.51		
10	256QAM	25	25	18.57	18.64	18.53		
10	256QAM	50	0	18.49	18.57	18.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.71	18.74	18.65	20	0
5	QPSK	1	12	18.60	18.74	18.56		
5	QPSK	1	24	18.54	18.54	18.51		
5	QPSK	12	0	18.33	18.54	18.48	20	0
5	QPSK	12	7	18.31	18.54	18.55		
5	QPSK	12	13	18.63	18.52	18.47		
5	QPSK	25	0	18.48	18.52	18.43		
5	16QAM	1	0	18.66	18.71	18.67	20	0
5	16QAM	1	12	18.68	18.66	18.68		
5	16QAM	1	24	18.63	18.51	18.54		
5	16QAM	12	0	18.49	18.51	18.45	20	0
5	16QAM	12	7	18.56	18.64	18.61		
5	16QAM	12	13	18.62	18.66	18.44		
5	16QAM	25	0	18.52	18.46	18.57		
5	64QAM	1	0	18.56	18.52	18.63	20	0
5	64QAM	1	12	18.62	18.66	18.74		
5	64QAM	1	24	18.41	18.61	18.48		
5	64QAM	12	0	18.58	18.45	18.52	20	0
5	64QAM	12	7	18.50	18.40	18.57		
5	64QAM	12	13	18.49	18.56	18.56		
5	64QAM	25	0	18.43	18.48	18.56		
5	256QAM	1	0	18.52	18.46	18.52	20	0
5	256QAM	1	12	18.64	18.87	18.59		
5	256QAM	1	24	18.68	18.67	18.67		
5	256QAM	12	0	18.54	18.61	18.49	20	0
5	256QAM	12	7	18.41	18.64	18.58		
5	256QAM	12	13	18.61	18.60	18.62		
5	256QAM	25	0	18.52	18.53	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.71	18.77	18.60	20	0
3	QPSK	1	8	18.60	18.74	18.57		
3	QPSK	1	14	18.64	18.56	18.57		
3	QPSK	8	0	18.40	18.59	18.49	20	0
3	QPSK	8	4	18.32	18.50	18.55		
3	QPSK	8	7	18.40	18.53	18.47		
3	QPSK	15	0	18.43	18.51	18.45		
3	16QAM	1	0	18.57	18.62	18.68	20	0
3	16QAM	1	8	18.66	18.70	18.74		
3	16QAM	1	14	18.68	18.51	18.56		
3	16QAM	8	0	18.54	18.61	18.52	20	0
3	16QAM	8	4	18.63	18.59	18.57		
3	16QAM	8	7	18.60	18.58	18.48		
3	16QAM	15	0	18.56	18.52	18.53		
3	64QAM	1	0	18.50	18.60	18.56	20	0
3	64QAM	1	8	18.63	18.67	18.74		
3	64QAM	1	14	18.40	18.57	18.41		
3	64QAM	8	0	18.58	18.48	18.56	20	0
3	64QAM	8	4	18.53	18.51	18.52		
3	64QAM	8	7	18.48	18.48	18.53		
3	64QAM	15	0	18.31	18.48	18.52		
3	256QAM	1	0	18.46	18.51	18.59	20	0
3	256QAM	1	8	18.74	18.60	18.61		
3	256QAM	1	14	18.71	18.63	18.73		
3	256QAM	8	0	18.60	18.64	18.44	20	0
3	256QAM	8	4	18.38	18.61	18.61		
3	256QAM	8	7	18.55	18.64	18.51		
3	256QAM	15	0	18.50	18.53	18.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.70	18.71	18.60	20	0
1.4	QPSK	1	3	18.59	18.61	18.49		
1.4	QPSK	1	5	18.66	18.55	18.65		
1.4	QPSK	3	0	18.41	18.54	18.46		
1.4	QPSK	3	1	18.33	18.46	18.47		
1.4	QPSK	3	3	18.43	18.48	18.54		
1.4	QPSK	6	0	18.42	18.47	18.44	20	0
1.4	16QAM	1	0	18.61	18.67	18.69	20	0
1.4	16QAM	1	3	18.65	18.72	18.67		
1.4	16QAM	1	5	18.66	18.51	18.57		
1.4	16QAM	3	0	18.52	18.61	18.47		
1.4	16QAM	3	1	18.58	18.61	18.59		
1.4	16QAM	3	3	18.61	18.62	18.48		
1.4	16QAM	6	0	18.58	18.52	18.53	20	0
1.4	64QAM	1	0	18.52	18.55	18.63	20	0
1.4	64QAM	1	3	18.64	18.70	18.64		
1.4	64QAM	1	5	18.44	18.57	18.52		
1.4	64QAM	3	0	18.69	18.47	18.49		
1.4	64QAM	3	1	18.55	18.51	18.56		
1.4	64QAM	3	3	18.45	18.50	18.56		
1.4	64QAM	6	0	18.46	18.48	18.58	20	0
1.4	256QAM	1	0	18.45	18.54	18.53	20	0
1.4	256QAM	1	3	18.69	18.58	18.68		
1.4	256QAM	1	5	18.68	18.70	18.71		
1.4	256QAM	3	0	18.66	18.68	18.51		
1.4	256QAM	3	1	18.43	18.62	18.59		
1.4	256QAM	3	3	18.61	18.61	18.60		
1.4	256QAM	6	0	18.53	18.50	18.61	20	0

Band 4_Ant 2

BW [MHz]	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	24.48	24.63	24.53	25.5	0
20	QPSK	1	49	24.31	24.43	24.53		
20	QPSK	1	99	24.45	24.41	24.17		
20	QPSK	50	0	23.31	23.60	23.43	24.5	1
20	QPSK	50	24	23.30	23.38	23.48		
20	QPSK	50	50	23.38	23.38	23.30		
20	QPSK	100	0	23.31	23.47	23.45		
20	16QAM	1	0	23.68	23.78	23.68	24.5	1
20	16QAM	1	49	23.73	23.74	23.70		
20	16QAM	1	99	23.46	23.78	22.95		
20	16QAM	50	0	22.25	22.33	22.55	23.5	2
20	16QAM	50	24	22.24	22.42	22.45		
20	16QAM	50

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34	25.5	0
10	QPSK	1	25	24.18	24.28	24.23		
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25	24.5	1
10	QPSK	25	12	23.27	23.20	23.31		
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.55	23.66	23.43		
10	16QAM	25	0	22.28	22.25	22.24	23.5	2
10	16QAM	25	12	22.21	22.12	22.31		
10	16QAM	25	25	22.12	22.32	22.21		
10	16QAM	50	0	22.26	22.21	22.30		
10	64QAM	1	0	22.98	22.76	22.65	23.5	2
10	64QAM	1	25	22.29	22.31	22.23		
10	64QAM	1	49	22.17	22.38	22.21		
10	64QAM	25	0	21.24	21.20	21.21	22.5	3
10	64QAM	25	12	21.24	21.27	21.39		
10	64QAM	25	25	21.18	21.26	21.44		
10	64QAM	50	0	21.17	21.18	21.26		
10	256QAM	1	0	19.51	19.57	19.51	20.5	5
10	256QAM	1	25	19.47	19.56	19.52		
10	256QAM	1	49	19.37	19.53	19.41		
10	256QAM	25	0	19.42	19.50	19.39	20.5	5
10	256QAM	25	12	19.40	19.45	19.37		
10	256QAM	25	25	19.37	19.55	19.42		
10	256QAM	50	0	19.36	19.40	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.31	24.23	24.29	25.5	0
5	QPSK	1	12	24.13	24.22	24.14		
5	QPSK	1	24	24.13	24.18	24.16		
5	QPSK	12	0	23.18	23.31	23.14	24.5	1
5	QPSK	12	7	23.10	23.11	23.22		
5	QPSK	12	13	23.21	23.07	23.11		
5	QPSK	25	0	23.13	23.24	23.24		
5	16QAM	1	0	23.52	23.50	23.40	24.5	1
5	16QAM	1	12	23.61	23.56	23.39		
5	16QAM	1	24	23.42	23.51	23.38		
5	16QAM	12	0	22.25	22.14	22.11	23.5	2
5	16QAM	12	7	22.09	22.19	22.26		
5	16QAM	12	13	22.09	22.25	22.13		
5	16QAM	25	0	22.22	22.14	22.22		
5	64QAM	1	0	22.83	22.27	22.53	23.5	2
5	64QAM	1	12	22.16	22.16	22.22		
5	64QAM	1	24	22.03	22.26	22.08		
5	64QAM	12	0	21.15	21.16	21.12	22.5	3
5	64QAM	12	7	21.03	21.19	21.33		
5	64QAM	12	13	21.08	21.11	21.36		
5	64QAM	25	0	21.09	21.10	21.22		
5	256QAM	1	0	19.42	19.41	19.40	20.5	5
5	256QAM	1	12	19.34	19.49	19.44		
5	256QAM	1	24	19.25	19.38	19.32		
5	256QAM	12	0	19.33	19.32	19.23	20.5	5
5	256QAM	12	7	19.31	19.36	19.26		
5	256QAM	12	13	19.27	19.34	19.30		
5	256QAM	25	0	19.28	19.33	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.31	24.21	25.5	0
3	QPSK	1	8	24.13	24.15	24.16		
3	QPSK	1	14	24.10	24.09	24.15		
3	QPSK	8	0	23.07	23.23	23.09	24.5	1
3	QPSK	8	4	23.17	23.09	23.16		
3	QPSK	8	7	23.17	23.11	23.08		
3	QPSK	15	0	23.22	23.24	23.27		
3	16QAM	1	0	23.59	23.50	23.42	24.5	1
3	16QAM	1	8	23.64	23.58	23.40		
3	16QAM	1	14	23.41	23.62	23.31		
3	16QAM	8	0	22.15	22.14	22.16	23.5	2
3	16QAM	8	4	22.05	22.24	22.18		
3	16QAM	8	7	22.06	22.17	22.14		
3	16QAM	15	0	22.15	22.15	22.25		
3	64QAM	1	0	22.94	22.20	22.56	23.5	2
3	64QAM	1	8	22.26	22.20	22.15		
3	64QAM	1	14	22.04	22.34	22.10		
3	64QAM	8	0	21.18	21.17	21.16	22.5	3
3	64QAM	8	4	20.99	21.22	21.27		
3	64QAM	8	7	21.07	21.13	21.35		
3	64QAM	15	0	21.04	21.11	21.12		
3	256QAM	1	0	19.33	19.42	19.45	20.5	5
3	256QAM	1	8	19.42	19.44	19.36		
3	256QAM	1	14	19.23	19.42	19.33		
3	256QAM	8	0	19.34	19.44	19.25	20.5	5
3	256QAM	8	4	19.25	19.32	19.27		
3	256QAM	8	7	19.22	19.38	19.34		
3	256QAM	15	0	19.23	19.27	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.28	24.24	25.5	0
1.4	QPSK	1	3	24.05	24.05	24.05		
1.4	QPSK	1	5	24.12	24.20	24.15		
1.4	QPSK	3	0	24.11	24.19	24.08		
1.4	QPSK	3	1	23.85	24.06	23.93		
1.4	QPSK	3	3	23.96	24.06	24.12		
1.4	QPSK	6	0	23.14	23.27	23.22	24.5	1
1.4	16QAM	1	0	23.58	23.47	23.46	24.5	1
1.4	16QAM	1	3	23.56	23.45	23.43		
1.4	16QAM	1	5	23.44	23.51	23.33		
1.4	16QAM	3	0	23.47	23.32	23.35		
1.4	16QAM	3	1	23.47	23.54	23.33		
1.4	16QAM	3	3	23.30	23.44	23.24		
1.4	16QAM	6	0	22.19	22.03	22.18	23.5	2
1.4	64QAM	1	0	22.88	22.24	22.53	23.5	2
1.4	64QAM	1	3	22.18	22.16	22.20		
1.4	64QAM	1	5	22.03	22.29	22.11		
1.4	64QAM	3	0	22.72	22.19	22.45		
1.4	64QAM	3	1	22.08	22.05	22.13		
1.4	64QAM	3	3	21.96	22.20	22.06		
1.4	64QAM	6	0	21.06	21.06	21.17	22.5	3
1.4	256QAM	1	0	19.36	19.45	19.35	20.5	5
1.4	256QAM	1	3	19.40	19.48	19.39		
1.4	256QAM	1	5	19.26	19.39	19.24		
1.4	256QAM	3	0	19.29	19.43	19.27		
1.4	256QAM	3	1	19.26	19.32	19.23		
1.4	256QAM	3	3	19.30	19.39	19.25		
1.4	256QAM	6	0	19.31	19.20	19.28	20.5	5

Band 5_Ant 1

BW [MHz]	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	19.62	19.74	19.66	21.5	0
10	QPSK	1	25	19.52	19.72	19.50		
10	QPSK	1	49	19.59	19.62	19.57		
10	QPSK	25	0	19.59	19.69	19.50		
10	QPSK	25	12	19.52	19.68	19.57		
10	QPSK	25	25	19.50	19.63	19.61		
10	QPSK	50	0	19.57	19.63	19.61		
10	16QAM	1	0	19.55	19.62	19.53	21.5	0
10	16QAM	1	25	19.57	19.61	19.54		
10	16QAM	1	49	19.54	19.61	19.55		
10	16QAM	25	0	19.53	19.69	19.60		
10	16QAM	25	12	19.57	19.68	19.59		
10	16QAM	25	25	19.58	19.62	19.56		
10	16QAM	50	0	19.55	19.67	19.57		
10	64QAM	1	0	19.59	19.64	19.57	21.5	0
10	64QAM	1	25	19.58	19.66	19.54		
10	64QAM	1	49	19.57	19.66	19.59		
10	64QAM	25	0	19.65	19.54	19.70		
10	64QAM	25	12	19.58	19.69	19.71		
10	64QAM	25	25	19.59	19.59	19.70		
10	64QAM	50	0	19.69	19.65	19.72		
10	256QAM	1	0	19.39	19.52	19.42	21	0.5
10	256QAM	1	25	19.28	19.42	19.21		
10	256QAM	1	49	19.39	19.46	19.38		
10	256QAM	25	0	19.23	19.29	19.29	21	0.5
10	256QAM	25	12	19.31	19.42	19.46		
10	256QAM	25	25	19.27	19.52	19.40		
10	256QAM	50	0	19.43	19.47	19.38		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.60	19.66	19.58	21.5	0
5	QPSK	1	12	19.50	19.61	19.54		
5	QPSK	1	24	19.55	19.60	19.56		
5	QPSK	12	0	19.58	19.67	19.54		
5	QPSK	12	7	19.58	19.58	19.53		
5	QPSK	12	13	19.54	19.58	19.58		
5	QPSK	25	0	19.54	19.50	19.54		
5	16QAM	1	0	19.52	19.59	19.52	21.5	0
5	16QAM	1	12	19.56	19.58	19.56		
5	16QAM	1	24	19.51	19.58	19.54		
5	16QAM	12	0	19.58	19.61	19.53		
5	16QAM	12	7	19.53	19.57	19.59		
5	16QAM	12	13	19.54	19.52	19.57		
5	16QAM	25	0	19.58	19.54	19.58		
5	64QAM	1	0	19.56	19.57	19.56	21.5	0
5	64QAM	1	12	19.51	19.55	19.54		
5	64QAM	1	24	19.59	19.63	19.57		
5	64QAM	12	0	19.61	19.54	19.63		
5	64QAM	12	7	19.54	19.67	19.65		
5	64QAM	12	13	19.56	19.51	19.61		
5	64QAM	25	0	19.65	19.61	19.65		
5	256QAM	1	0	19.34	19.44	19.40	21	0.5
5	256QAM	1	12	19.26	19.38	19.19		
5	256QAM	1	24	19.28	19.36	19.33		
5	256QAM	12	0	19.14	19.27	19.23	21	0.5
5	256QAM	12	7	19.23	19.31	19.35		
5	256QAM	12	13	19.17	19.40	19.28		
5	256QAM	25	0	19.37	19.42	19.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.54	19.67	19.61	21.5	0
3	QPSK	1	8	19.57	19.60	19.58		
3	QPSK	1	14	19.56	19.51	19.58		
3	QPSK	8	0	19.53	19.65	19.57		
3	QPSK	8	4	19.59	19.59	19.59		
3	QPSK	8	7	19.51	19.53	19.52		
3	QPSK	15	0	19.50	19.53	19.59		
3	16QAM	1	0	19.51	19.56	19.55	21.5	0
3	16QAM	1	8	19.57	19.57	19.51		
3	16QAM	1	14	19.59	19.58	19.53		
3	16QAM	8	0	19.58	19.65	19.54		
3	16QAM	8	4	19.52	19.65	19.50		
3	16QAM	8	7	19.51	19.54	19.57		
3	16QAM	15	0	19.52	19.60	19.55		
3	64QAM	1	0	19.58	19.56	19.54	21.5	0
3	64QAM	1	8	19.52	19.59	19.53		
3	64QAM	1	14	19.55	19.64	19.58		
3	64QAM	8	0	19.58	19.58	19.61		
3	64QAM	8	4	19.58	19.61	19.67		
3	64QAM	8	7	19.55	19.58	19.68		
3	64QAM	15	0	19.65	19.61	19.62		
3	256QAM	1	0	19.36	19.45	19.36	21	0.5
3	256QAM	1	8	19.25	19.32	19.09		
3	256QAM	1	14	19.23	19.38	19.36		
3	256QAM	8	0	19.13	19.23	19.20	21	0.5
3	256QAM	8	4	19.22	19.37	19.41		
3	256QAM	8	7	19.16	19.40	19.28		
3	256QAM	15	0	19.36	19.37	19.32		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.59	19.71	19.64	21.5	0
1.4	QPSK	1	3	19.50	19.61	19.53		
1.4	QPSK	1	5	19.59	19.59	19.58		
1.4	QPSK	3	0	19.53	19.57	19.54		
1.4	QPSK	3	1	19.56	19.55	19.59		
1.4	QPSK	3	3	19.58	19.58	19.55		
1.4	QPSK	6	0	19.55	19.59	19.56	21.5	0
1.4	16QAM	1	0	19.51	19.51	19.50	21.5	0
1.4	16QAM	1	3	19.52	19.54	19.52		
1.4	16QAM	1	5	19.57	19.54	19.57		
1.4	16QAM	3	0	19.54	19.59	19.55		
1.4	16QAM	3	1	19.58	19.66	19.57		
1.4	16QAM	3	3	19.56	19.59	19.57		
1.4	16QAM	6	0	19.56	19.56	19.59	21.5	0
1.4	64QAM	1	0	19.55	19.53	19.54	21.5	0
1.4	64QAM	1	3	19.52	19.55	19.57		
1.4	64QAM	1	5	19.55	19.59	19.57		
1.4	64QAM	3	0	19.62	19.59	19.61		
1.4	64QAM	3	1	19.56	19.56	19.66		
1.4	64QAM	3	3	19.57	19.56	19.57		
1.4	64QAM	6	0	19.67	19.63	19.65	21.5	0
1.4	256QAM	1	0	19.30	19.49	19.30	21	0.5
1.4	256QAM	1	3	19.18	19.37	19.10		
1.4	256QAM	1	5	19.35	19.40	19.30		
1.4	256QAM	3	0	19.18	19.18	19.17		
1.4	256QAM	3	1	19.27	19.33	19.34		
1.4	256QAM	3	3	19.25	19.39	19.34		
1.4	256QAM	6	0	19.33	19.43	19.32	21	0.5

Band 7_Ant 0

BW [MHz]	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	21.59	21.87	21.77	23	0
20	QPSK	1	49	21.54	21.75	21.79		
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80	22	1
20	QPSK	50	24	20.61	20.80	20.79		
20	QPSK	50	50	20.65	20.78	20.76		
20	QPSK	100	0	20.53	20.78	20.67		
20	16QAM	1	0	20.75	21.23	20.76	22	1
20	16QAM	1	49	21.00	20.73	20.85		
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72	21	2
20	16QAM	50	24	19.54	19.80	19.78		
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.28	19.93	20.25	21	2
20	64QAM	1	49	19.90	19.77	19.98		
20	64QAM	1	99	20.04	19.84	20.06		
20	64QAM	50	0	18.55	18.67	18.70	20	3
20	64QAM	50	24	18.60	18.81	18.79		
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76	18	5
20	256QAM	1	49	16.65	16.83	16.64		
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.60	18	5
20	256QAM	50	24	16.58	16.73	16.63		
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.78	16.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.74	21.57	23	0
15	QPSK	1	37	21.42	21.77	21.78		
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.36	20.70	20.66	22	1
15	QPSK	36	20	20.55	20.76	20.81		
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32	22	1
15	16QAM	1	37	20.46	21.00	20.55		
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65	21	2
15	16QAM	36	20	19.56	19.72	19.74		
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88	21	2
15	64QAM	1	37	19.65	19.78	20.11		
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70	20	3
15	64QAM	36	20	18.54	18.68	18.61		
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57	18	5
15	256QAM	1	37	16.55	16.73	16.56		
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52	18	5
15	256QAM	36	20	16.51	16.66	16.59		
15	256QAM	36	39	16.64	16.83	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72	23	0
10	QPSK	1	25	21.55	21.76	21.71		
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87	22	1
10	QPSK	25	12	20.64	20.84	20.83		
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98	22	1
10	16QAM	1	25	20.94	21.16	21.35		
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83	21	2
10	16QAM	25	12	19.64	19.92	19.89		
10	16QAM	25	25	19.60	19.98	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44	21	2
10	64QAM	1	25	19.55	19.99	20.22		
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86	20	3
10	64QAM	25	12	18.67	18.89	18.78		
10	64QAM	25	25	18.68	18.97	18.86		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66	18	5
10	256QAM	1	25	16.50	16.73	16.51		
10	256QAM	1	49	16.65	16.83	16.70		
10	256QAM	25	0	16.55	16.67	16.50	18	5
10	256QAM	25	12	16.42	16.60	16.62		
10	256QAM	25	25	16.66	16.73	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.43	21.74	21.75	23	0
5	QPSK	1	12	21.55	21.79	21.72		
5	QPSK	1	24	21.56	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75	22	1
5	QPSK	12	7	20.52	20.97	20.80		
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80	22	1
5	16QAM	1	12	20.87	21.54	21.49		
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.71	19.83	21	2
5	16QAM	12	7	19.62	20.06	19.85		
5	16QAM	12	13	19.65	19.98	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36	21	2
5	64QAM	1	12	19.49	19.88	19.80		
5	64QAM	1	24	20.03	19.97	20.02		
5	64QAM	12	0	18.46	18.69	18.88	20	3
5	64QAM	12	7	18.48	18.98	18.97		
5	64QAM	12	13	18.60	18.92	19.02		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.74	16.81	16.65	18	5
5	256QAM	1	12	16.60	16.65	16.54		
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52	18	5
5	256QAM	12	7	16.41	16.62	16.47		
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	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	14.74	14.87	14.83	16	0
20	QPSK	1	49	14.76	14.81	14.81		
20	QPSK	1	99	14.69	14.8	14.88		
20	QPSK	50	0	14.81	14.86	14.74	16	0
20	QPSK	50	24	14.84	14.81	14.82		
20	QPSK	50	50	14.82	14.85	14.72		
20	QPSK	100	0	14.81	14.84	14.8		
20	16QAM	1	0	14.69	14.84	14.52	16	0
20	16QAM	1	49	14.62	14.73	14.62		
20	16QAM	1	99	14.59	14.76	14.54		
20	16QAM	50	0	14.63	14.83	14.56	16	0

Band 7_Ant 2

BW [MHz]	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	24.60	24.73	24.68	25.5	0
20	QPSK	1	49	24.56	24.37	24.50		
20	QPSK	1	99	24.58	24.34	24.56		
20	QPSK	50	0	23.26	23.51	23.29	24.5	1
20	QPSK	50	24	23.21	23.41	23.28		
20	QPSK	50	50	23.12	23.45	23.31		
20	QPSK	100	0	23.21	23.44	23.35		
20	16QAM	1	0	23.46	23.66	23.39	24.5	1
20	16QAM	1	49	23.41	23.69	23.37		
20	16QAM	1	99	23.44	23.58	23.29		
20	16QAM	50	0	22.18	22.22	22.32	23.5	2
20	16QAM	50	24	22.15	22.32	22.28		
20	16QAM	50	50	22.28	22.40	22.39		
20	16QAM	100	0	22.22	22.31	22.28		
20	64QAM	1	0	21.92	22.26	22.01	23.5	2
20	64QAM	1	49	22.25	22.30	22.21		
20	64QAM	1	99	22.29	22.35	22.02		
20	64QAM	50	0	21.45	21.79	21.74	22.5	3
20	64QAM	50	24	21.64	21.56	21.53		
20	64QAM	50	50	21.75	21.73	21.63		
20	64QAM	100	0	21.55	21.62	21.79		
20	256QAM	1	0	19.53	19.66	19.47	20.5	5
20	256QAM	1	49	19.70	19.89	19.72		
20	256QAM	1	99	19.51	19.58	19.56		
20	256QAM	50	0	19.34	19.54	19.42	20.5	5
20	256QAM	50	24	19.50	19.60	19.50		
20	256QAM	50	50	19.62	19.68	19.49		
20	256QAM	100	0	19.50	19.52	19.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.70	24.40	25.5	0
15	QPSK	1	37	24.21	24.47	24.43		
15	QPSK	1	74	24.29	24.41	24.31		
15	QPSK	36	0	23.28	23.54	23.34	24.5	1
15	QPSK	36	20	23.27	23.49	23.35		
15	QPSK	36	39	23.21	23.52	23.38		
15	QPSK	75	0	23.23	23.47	23.39		
15	16QAM	1	0	23.51	23.72	23.45	24.5	1
15	16QAM	1	37	23.48	23.79	23.46		
15	16QAM	1	74	23.49	23.64	23.35		
15	16QAM	36	0	22.27	22.30	22.42	23.5	2
15	16QAM	36	20	22.25	22.45	22.34		
15	16QAM	36	39	22.36	22.46	22.46		
15	16QAM	75	0	22.31	22.40	22.35		
15	64QAM	1	0	22.00	22.31	22.07	23.5	2
15	64QAM	1	37	22.30	22.36	22.27		
15	64QAM	1	74	22.34	22.45	22.09		
15	64QAM	36	0	21.55	21.88	21.79	22.5	3
15	64QAM	36	20	21.70	21.94	21.62		
15	64QAM	36	39	21.82	21.82	21.71		
15	64QAM	75	0	21.64	21.67	21.84		
15	256QAM	1	0	19.59	19.76	19.54	20.5	5
15	256QAM	1	37	19.79	19.95	19.80		
15	256QAM	1	74	19.59	19.62	19.61		
15	256QAM	36	0	19.44	19.59	19.50	20.5	5
15	256QAM	36	20	19.56	19.68	19.57		
15	256QAM	36	39	19.71	19.74	19.59		
15	256QAM	75	0	19.55	19.57	19.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.23	24.67	24.42	25.5	0
10	QPSK	1	25	24.25	24.44	24.43		
10	QPSK	1	49	24.25	24.44	24.36		
10	QPSK	25	0	23.27	23.53	23.33	24.5	1
10	QPSK	25	12	23.26	23.46	23.35		
10	QPSK	25	25	23.21	23.54	23.36		
10	QPSK	50	0	23.24	23.49	23.37		
10	16QAM	1	0	23.54	23.73	23.48	24.5	1
10	16QAM	1	25	23.51	23.79	23.43		
10	16QAM	1	49	23.54	23.65	23.38		
10	16QAM	25	0	22.24	22.27	22.37	23.5	2
10	16QAM	25	12	22.22	22.43	22.32		
10	16QAM	25	25	22.30	22.47	22.49		
10	16QAM	50	0	22.27	22.40	22.36		
10	64QAM	1	0	21.97	22.32	22.10	23.5	2
10	64QAM	1	25	22.30	22.35	22.30		
10	64QAM	1	49	22.34	22.41	22.11		
10	64QAM	25	0	21.51	21.84	21.84	22.5	3
10	64QAM	25	12	21.71	21.65	21.59		
10	64QAM	25	25	21.81	21.82	21.71		
10	64QAM	50	0	21.60	21.70	21.84		
10	256QAM	1	0	19.63	19.73	19.57	20.5	5
10	256QAM	1	25	19.80	19.94	19.80		
10	256QAM	1	49	19.58	19.66	19.65		
10	256QAM	25	0	19.43	19.63	19.50	20.5	5
10	256QAM	25	12	19.56	19.68	19.60		
10	256QAM	25	25	19.68	19.78	19.55		
10	256QAM	50	0	19.58	19.62	19.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.22	24.68	24.43	25.5	0
5	QPSK	1	12	24.20	24.45	24.41		
5	QPSK	1	24	24.26	24.44	24.36		
5	QPSK	12	0	23.30	23.53	23.32	24.5	1
5	QPSK	12	7	23.31	23.49	23.36		
5	QPSK	12	13	23.20	23.50	23.39		
5	QPSK	25	0	23.22	23.47	23.36		
5	16QAM	1	0	23.56	23.73	23.44	24.5	1
5	16QAM	1	12	23.48	23.78	23.46		
5	16QAM	1	24	23.51	23.63	23.38		
5	16QAM	12	0	22.23	22.32	22.39	23.5	2
5	16QAM	12	7	22.23	22.41	22.31		
5	16QAM	12	13	22.34	22.46	22.46		
5	16QAM	25	0	22.30	22.38	22.33		
5	64QAM	1	0	21.97	22.34	22.06	23.5	2
5	64QAM	1	12	22.32	22.37	22.27		
5	64QAM	1	24	22.36	22.43	22.11		
5	64QAM	12	0	21.54	21.89	21.79	22.5	3
5	64QAM	12	7	21.73	21.64	21.60		
5	64QAM	12	13	21.80	21.83	21.73		
5	64QAM	25	0	21.61	21.67	21.85		
5	256QAM	1	0	19.59	19.72	19.53	20.5	5
5	256QAM	1	12	19.79	19.98	19.82		
5	256QAM	1	24	19.59	19.65	19.62		
5	256QAM	12	0	19.41	19.64	19.47	20.5	5
5	256QAM	12	7	19.58	19.70	19.59		
5	256QAM	12	13	19.69	19.77	19.59		
5	256QAM	25	0	19.55	19.60	19.54		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.22	17.26	17.23	18.2	0
20	QPSK	1	49	17.04	17.20	17.08		
20	QPSK	1	99	16.96	17.16	17.01		
20	QPSK	50	0	16.83	17.11	16.91	18.2	0
20	QPSK	50	24	16.72	16.97	16.87		
20	QPSK	50	50	16.73	16.94	16.85		
20	QPSK	100	0	17.05	17.06	16.97		
20	16QAM	1	0	17.16	17.19	17.21	18.2	0
20	16QAM	1	49	17.01	17.07	16.96		
20	16QAM	1	99	17.01	17.13	17.08		
20	16QAM	50	0	16.87	17.09	16.83	18.2	0
20	16QAM	50	24	16.87	16.94	16.93		
20	16QAM	50	50	16.77	16.87	16.82		
20	16QAM	100	0	16.86	16.95	16.78		
20	64QAM	1	0	17.06	17.14	17.07	18.2	0
20	64QAM	1	49	17.17	17.21	17.16		
20	64QAM	1	99	17.08	17.17	17.03		
20	64QAM	50	0	16.84	17.04	16.87	18.2	0
20	64QAM	50	24	16.95	17.04	16.91		
20	64QAM	50	50	16.79	16.92	16.81		
20	64QAM	100	0	16.91	17.00	16.93		
20	256QAM	1	0	17.21	17.20	17.21	18.2	0
20	256QAM	1	49	17.25	17.24	17.23		
20	256QAM	1	99	17.09	17.22	17.01		
20	256QAM	50	0	17.09	17.23	17.13	18.2	0
20	256QAM	50	24	17.08	17.20	17.12		
20	256QAM	50	50	17.11	17.23	17.14		
20	256QAM	100	0	17.10	17.23	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.14	17.19	17.21	18.2	0
15	QPSK	1	37	16.98	17.13	17.05		
15	QPSK	1	74	16.83	17.03	16.92		
15	QPSK	36	0	16.71	17.01	16.82	18.2	0
15	QPSK	36	20	16.68	16.88	16.75		
15	QPSK	36	39	16.69	16.88	16.74		
15	QPSK	75	0	16.95	16.97	16.95		
15	16QAM	1	0	17.17	17.15	17.12	18.2	0
15	16QAM	1	37	16.99	16.95	16.87		
15	16QAM	1	74	16.89	17.11	16.95		
15	16QAM	36	0	16.80	17.00	16.75	18.2	0
15	16QAM	36	20	16.75	16.81	16.90		
15	16QAM	36	39	16.70	16.75	16.79		
15	16QAM	75	0	16.76	16.92	16.70		
15	64QAM	1	0	16.96	17.11	17.05	18.2	0
15	64QAM	1	37	17.09	17.13	17.08		
15	64QAM	1	74	16.99	17.04	16.96		
15	64QAM	36	0	16.73	16.96	16.74	18.2	0
15	64QAM	36	20	16.83	16.96	16.79		
15	64QAM	36	39	16.74	16.81	16.70		
15	64QAM	75	0	16.86	16.90	16.81		
15	256QAM	1	0	17.09	17.13	17.17	18.2	0
15	256QAM	1	37	17.21	17.15	17.20		
15	256QAM	1	74	17.06	17.11	16.89		
15	256QAM	36	0	16.99	17.15	17.02	18.2	0
15	256QAM	36	20	17.05	17.16	17.06		
15	256QAM	36	39	16.99	17.10	17.11		
15	256QAM	75	0	17.04	17.20	17.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.15	17.21	17.16	18.2	0
10	QPSK	1	25	16.98	17.07	16.95		
10	QPSK	1	49	16.83	17.11	16.89		
10	QPSK	25	0	16.76	17.07	16.78	18.2	0
10	QPSK	25	12	16.63	16.89	16.77		
10	QPSK	25	25	16.63	16.87	16.72		
10	QPSK	50	0	16.95	16.96	16.84		
10	16QAM	1	0	17.20	17.11	17.16	18.2	0
10	16QAM	1	25	16.90	16.95	16.86		
10	16QAM	1	49	16.98	17.05	17.04		
10	16QAM	25	0	16.75	16.96	16.78	18.2	0
10	16QAM	25	12	16.84	16.82	16.83		
10	16QAM	25	25	16.73	16.84	16.72		
10	16QAM	50	0	16.77	16.87	16.70		
10	64QAM	1	0	17.01	17.13	16.95	18.2	0
10	64QAM	1	25	17.06	17.15	17.03		
10	64QAM	1	49	17.02	17.11	16.98		
10	64QAM	25	0	16.80	16.91	16.77	18.2	0
10	64QAM	25	12	16.89	16.93	16.79		
10	64QAM	25	25	16.87	16.87	16.77		
10	64QAM	50	0	16.82	16.87	16.84		
10	256QAM	1	0	17.08	17.08	17.08	18.2	0
10	256QAM	1	25	17.12	17.14	17.12		
10	256QAM	1	49	17.05	17.10	16.97		
10	256QAM	25	0	17.06	17.20	17.07	18.2	0
10	256QAM	25	12	17.01	17.11	17.10		
10	256QAM	25	25	17.03	17.11	17.07		
10	256QAM	50	0	17.03	17.18	17.21		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.16	17.22	17.16	18.2	0
5	QPSK	1	12	16.98	17.14	16.94		
5	QPSK	1	24	16.87	17.03	16.93		
5	QPSK	12	0	16.80	16.98	16.78	18.2	0
5	QPSK	12	7	16.69	16.88	16.84		
5	QPSK	12	13	16.71	16.88	16.74		
5	QPSK	25	0	17.02	17.00	16.94		
5	16QAM	1	0	17.14	17.16	17.18	18.2	0
5	16QAM	1	12	16.89	16.95	16.84		
5	16QAM	1	24	16.98	17.10	17.06		
5	16QAM	12	0	16.79	16.96	16.78	18.2	0
5	16QAM	12	7	16.79	16.85	16.88		
5	16QAM	12	13	16.74	16.74	16.74		
5	16QAM	25	0	16.78	16.88	16.68		
5	64QAM	1	0	17.03	17.11	17.05	18.2	0
5	64QAM	1	12	17.13	17.19	17.13		
5	64QAM	1	24	17.11	17.15	16.93		
5	64QAM	12	0	16.71	16.96	16.82	18.2	0
5	64QAM	12	7	16.92	17.02	16.88		
5	64QAM	12	13	16.73	16.73	16.73		
5	64QAM	25	0	16.85	16.93	16.80		
5	256QAM	1	0	17.13	17.15	17.18	18.2	0
5	256QAM	1	12	17.13	17.13	17.21		
5	256QAM	1	24	17.04	17.20	16.92		
5	256QAM	12	0	17.05	17.15	17.07	18.2	0
5	256QAM	12	7	16.99	17.10	17.06		
5	256QAM	12	13	16.98	17.10	17.03		
5	256QAM	25	0	17.02	17.16	17.17		

Band 12_Ant 0

BW [MHz]	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	24.68	24.98	24.67	25.5	0
10	QPSK	1	25	24.92	24.88	24.89		
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.84	23.97	23.84	24.5	1
10	QPSK	25	12	23.90	23.91	23.87		
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.84	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20	24.5	1
10	16QAM	1	25	24.12	24.15	24.16		
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02	23.5	2
10	16QAM	25	12	23.04	23.01	23.03		
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02	23.5	2
10	64QAM	1	25	23.01	23.12	23.43		
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98	22.5	3
10	64QAM	25	12	22.00	21.98	21.98		
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99	20.5	5
10	256QAM	1	25	20.37	20.38	20.26		
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19	20.5	5
10	256QAM	25	12	20.06	20.20	20.13		
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64	25.5	0
5	QPSK	1	12	24.79	24.79	24.76		
5	QPSK	1	24	24.78	24.65	24.75		
5	QPSK	12	0	23.75	23.80	23.71	24.5	1
5	QPSK	12	7	23.80	23.88	23.80		
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07	24.5	1
5	16QAM	1	12	24.03	24.02	24.08		
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97	23.5	2
5	16QAM	12	7	22.94	22.93	22.94		
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89	23.5	2
5	64QAM	1	12	22.92	23.07	23.36		
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83	22.5	3
5	64QAM	12	7	21.94	21.83	21.72		
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.97	20.5	5
5	256QAM	1	12	20.24	20.36	20.11		
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12	20.5	5
5	256QAM	12	7	19.98	20.10	19.98		
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55	25.5	0
3	QPSK	1	8	24.74	24.75	24.78		
3	QPSK	1	14	24.74	24.66	24.74		
3	QPSK	8	0	23.68	23.81	23.76	24.5	1
3	QPSK	8	4	23.82	23.84	23.82		
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10	24.5	1
3	16QAM	1	8	24.01	24.04	24.03		
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91	23.5	2
3	16QAM	8	4	22.94	22.82	22.88		
3	16QAM	8	7	22.87	22.87	22.92		
3	16QAM	15	0	23.00	22.95	22.96		
3	64QAM	1	0	22.71	23.21	22.89	23.5	2
3	64QAM	1	8	22.91	23.04	23.38		
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84	22.5	3
3	64QAM	8	4	21.93	21.91	21.71		
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88	20.5	5
3	256QAM	1	8	20.22	20.36	20.10		
3	256QAM	1	14	20.14	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10	20.5	5
3	256QAM	8	4	19.91	20.04	20.01		
3	256QAM	8	7	20.08	20.18	20.07		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52	25.5	0
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69		
1.4	QPSK	3	0	24.41	24.54	24.41	24.5	1
1.4	QPSK	3	1	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.82		
1.4	16QAM	1	0	24.21	23.82	24.03	24.5	1
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42		
1.4	16QAM	3	0	24.15	23.68	23.94	23.5	2
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83		
1.4	64QAM	1	0	22.82	23.20	22.88	23.5	2
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.92		
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.73	22.93	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93	20.5	5
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12		
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	20.97	21.13	20.87	22.5	0
10	QPSK	1	25	20.88	21.09	20.86		
10	QPSK	1	49	20.89	21.00	20.91		
10	QPSK	25	0	20.85	21.09	20.72	22.5	0
10	QPSK	25	12	20.84	20.98	20.66		
10	QPSK	25	25	20.93	21.06	20.81		
10	QPSK	50	0	20.90	20.93	20.76		
10	16QAM	1	0	20.80	20.81	20.66	22.5	0
10	16QAM	1	25	20.78	20.81	20.65		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54		
20	QPSK	1	49	21.17	21.57	21.22	23	0
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.60	20.34		
20	QPSK	50	24	20.32	20.40	20.33	22	1
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57		
20	16QAM	1	49	20.45	20.37	20.73	22	1
20	16QAM	1	99	20.60	20.56	20.18		
20	16QAM	50	0	19.32	19.48	19.33		
20	16QAM	50	24	19.45	19.43	19.30	21	2
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45		
20	64QAM	1	49	19.41	19.90	19.36	21	2
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32		
20	64QAM	50	24	18.34	18.34	18.38	20	3
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71		
20	256QAM	1	49	16.65	16.71	16.55	18	5
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60		
20	256QAM	50	24	16.72	16.73	16.72	18	5
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08		
15	QPSK	1	37	21.09	21.47	21.19	23	0
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.26	20.49	20.18		
15	QPSK	36	20	20.21	20.35	20.23	22	1
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.36	20.27		
15	16QAM	1	0	20.43	20.63	20.22		
15	16QAM	1	37	20.20	20.03	20.46	22	1
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28		
15	16QAM	36	20	19.38	19.34	19.15	21	2
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35		
15	64QAM	1	37	19.27	19.74	19.30	21	2
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18		
15	64QAM	36	20	18.23	18.18	18.23	20	3
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.47		
15	256QAM	1	37	16.41	16.36	16.27	18	5
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30		
15	256QAM	36	20	16.41	16.45	16.44	18	5
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.53	21.59	21.49		
10	QPSK	1	25	21.07	21.42	21.13	23	0
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28		
10	QPSK	25	12	20.18	20.34	20.18	22	1
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25		
10	16QAM	1	25	20.18	20.13	20.47	22	1
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23		
10	16QAM	25	12	19.34	19.28	19.25	21	2
10	16QAM	25	25	19.30	19.21	19.15		
10	16QAM	50	0	19.34	19.30	19.25		
10	64QAM	1	0	19.76	19.57	19.39		
10	64QAM	1	25	19.34	19.82	19.25	21	2
10	64QAM	1	49	19.74	19.34	19.18		
10	64QAM	25	0	18.34	18.41	18.25		
10	64QAM	25	12	18.20	18.23	18.23	20	3
10	64QAM	25	25	18.22	18.21	18.09		
10	64QAM	50	0	18.29	18.37	18.17		
10	256QAM	1	0	16.49	16.56	16.45		
10	256QAM	1	25	16.41	16.37	16.23	18	5
10	256QAM	1	49	16.05	16.10	16.09		
10	256QAM	25	0	16.30	16.40	16.29		
10	256QAM	25	12	16.41	16.46	16.37	18	5
10	256QAM	25	25	16.17	16.27	16.17		
10	256QAM	50	0	16.34	16.44	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.30	21.46	21.13		
5	QPSK	1	12	21.03	21.45	21.11	23	0
5	QPSK	1	24	21.13	21.49	21.07		
5	QPSK	12	0	20.22	20.45	20.20		
5	QPSK	12	7	20.23	20.26	20.26	22	1
5	QPSK	12	13	20.30	20.43	20.13		
5	QPSK	25	0	20.27	20.29	20.21		
5	16QAM	1	0	20.72	20.81	20.49		
5	16QAM	1	12	20.30	20.21	20.59	22	1
5	16QAM	1	24	20.55	20.50	20.13		
5	16QAM	12	0	19.24	19.38	19.22		
5	16QAM	12	7	19.40	19.36	19.25	21	2
5	16QAM	12	13	19.35	19.27	19.15		
5	16QAM	25	0	19.40	19.34	19.25		
5	64QAM	1	0	19.75	19.56	19.34		
5	64QAM	1	12	19.32	19.76	19.20	21	2
5	64QAM	1	24	19.81	19.38	19.12		
5	64QAM	12	0	18.28	18.51	18.18		
5	64QAM	12	7	18.29	18.24	18.25	20	3
5	64QAM	12	13	18.28	18.25	18.07		
5	64QAM	25	0	18.30	18.27	18.17		
5	256QAM	1	0	16.62	16.76	16.40		
5	256QAM	1	12	16.30	16.41	16.27	18	5
5	256QAM	1	24	16.14	16.15	16.12		
5	256QAM	12	0	16.29	16.35	16.31		
5	256QAM	12	7	16.46	16.54	16.45	18	5
5	256QAM	12	13	16.20	16.32	16.16		
5	256QAM	25	0	16.24	16.36	16.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.49	21.09		
3	QPSK	1	8	21.06	21.47	21.13	23	0
3	QPSK	1	14	21.05	21.45	21.09		
3	QPSK	8	0	20.26	20.53	20.21		
3	QPSK	8	4	20.20	20.25	20.18	22	1
3	QPSK	8	7	20.38	20.31	20.27		
3	QPSK	15	0	20.30	20.35	20.25		
3	16QAM	1	0	20.69	20.73	20.49		
3	16QAM	1	8	20.35	20.28	20.66	22	1
3	16QAM	1	14	20.47	20.45	20.13		
3	16QAM	8	0	19.22	19.36	19.18		
3	16QAM	8	4	19.34	19.33	19.23	21	2
3	16QAM	8	7	19.29	19.20	19.18		
3	16QAM	15	0	19.33	19.29	19.16		
3	64QAM	1	0	19.85	19.57	19.37		
3	64QAM	1	8	19.35	19.78	19.23	21	2
3	64QAM	1	14	19.73	19.40	19.13		
3	64QAM	8	0	18.33	18.48	18.27		
3	64QAM	8	4	18.22	18.23	18.31	20	3
3	64QAM	8	7	18.24	18.29	18.16		
3	64QAM	15	0	18.33	18.30	18.11		
3	256QAM	1	0	16.40	16.55	16.44		
3	256QAM	1	8	16.37	16.44	16.29	18	5
3	256QAM	1	14	16.16	16.15	16.08		
3	256QAM	8	0	16.31	16.38	16.33		
3	256QAM	8	4	16.47	16.47	16.42	18	5
3	256QAM	8	7	16.18	16.31	16.23		
3	256QAM	15	0	16.31	16.41	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.42	21.16		
1.4	QPSK	1	3	21.10	21.41	21.11		
1.4	QPSK	1	5	21.10	21.44	21.15	23	0
1.4	QPSK	3	0	21.23	21.27	21.05		
1.4	QPSK	3	1	20.96	21.29	20.95		
1.4	QPSK	3	3	21.00	21.36	21.03		
1.4	QPSK	6	0	20.29	20.33	20.25	22	1
1.4	16QAM	1	0	20.72	20.74	20.53		
1.4	16QAM	1	3	20.35	20.25	20.62		
1.4	16QAM	1	5	20.47	20.44	20.04	22	1
1.4	16QAM	3	0	20.61	20.68	20.45		
1.4	16QAM	3	1	20.19	20.18	20.46		
1.4	16QAM	3	3	20.37	20.32	19.91		
1.4	16QAM	6	0	19.34	19.38	19.21	21	2
1.4	64QAM	1	0	19.76	19.56	19.35		
1.4	64QAM	1	3	19.28	19.76	19.29		
1.4	64QAM	1	5	19.85	19.41	19.13	21	2
1.4	64QAM	3	0	19.49	19.48	19.23		
1.4	64QAM	3	1	19.22	19.69	19.19		
1.4	64QAM	3	3	19.72	19.34	19.04		
1.4	64QAM	6	0	18.32	18.30	18.14	20	3
1.4	256QAM	1	0	16.46	16.58	16.39		
1.4	256QAM	1	3	16.38	16.43	16.29		
1.4	256QAM	1	5	16.10	16.15	16.02	18	5
1.4	256QAM	3	0	16.31	16.41	16.29		
1.4	256QAM	3	1	16.44	16.55	16.48		
1.4	256QAM	3	3	16.21	16.26	16.18		
1.4	256QAM	6	0	16.28	16.46	16.33	18	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.12	14.28	14.1		
20	QPSK	1	49	14.27	14.09	14.19	15.5	0
20	QPSK	1	99	14.14	13.95	13.78		
20	QPSK	50	0	14.18	14.25	14.11		
20	QPSK	50	24	14.17	14.22	14.06	15.5	0
20	QPSK	50	50	14.16	14.15	14.09		
20	QPSK	100	0	14.15	14.19	14.05		
20	16QAM	1	0	14.24	14.18	14.15		
20	16QAM	1	49	14.2	14.18	14.17	15.5	0
20	16QAM	1	99	14.26	14.27	14.05		
20	16QAM	50	0	14.2	14.22	14.12		
20	16QAM	50	24	14.21	14.15	14.18	15.5	0
20	16QAM	50	50	14.17	14.18	14.19		
20	16QAM	100	0	14.09	14.12	14.1		
20	64QAM	1	0	14.17	14.25	14.26		
20	64QAM	1	49	14.18	14.1	14.15	15.5	0
20	64QAM	1	99	14.16	13.88	14.21		
20	64QAM	50	0	14.26	14.14	14.04		
20	64QAM	50	24	14.12	14.25	14.08	15.5	0
20	64QAM	50	50	14.22	14.19	14.17		
20	64QAM	100	0	14.22	14.18	14.11		
20	256QAM	1	0	14.10	14.10	13.87		
20	256QAM	1	49	14.08	14.10	13.96	15.5	0
20	256QAM	1	99	14.01	14.18	13.94		
20	256QAM	50	0	13.95	13.77	13.83		
20	256QAM	50	24	14.03	14.01	13.74	15.5	0
20	256QAM	50	50	13.89	13.96	13.91		
20	256QAM	100	0	14.07	14.01	13.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.1	14.24	14.04		
15	QPSK	1	37	14.18	14.05	14.15	15.5	0
15	QPSK	1	74	14.08	13.83	13.86		
15	QPSK	36	0	14.08	14.22	14.06		
15	QPSK	36	20	14.06	14.11	14	15.5	0
15	QPSK	36	39	14.13	14.08	13.97		
15	QPSK	75	0	14.05	14.11	13.96		
15	16QAM	1	0	14.12	14.16	14.12		
15	16QAM	1	37	14.1	14.11	14.04	15.5	0
15	16QAM	1	74	14.13	14.18	13.92		
15	16QAM	36	0	14.17	14.1	14.09		
15	16QAM	36	20	14.1	14.03	13.99	15.5	0
15	16QAM	36	39	14.07	14.13	14.15		
15	16QAM	75	0	14.02	14.06	14.08		
15	64QAM	1	0	14.15	14.2	14.14		
15	64QAM	1	37	14.12	13.97	14.05	15.5	0
15	64QAM	1	74	14.11	13.79	14.18		
15	64QAM	36	0	14.16	14.09	13.99		
15	64QAM	36	20	14.09	14.21	14.06	15.5	0
15	64QAM	36	39	14.19	14.08	14.15		
15	64QAM	75	0	14.18	14.05	14.08		
15	256QAM	1	0	14.04	14.03	13.79		
15	256QAM	1	37	13.95	14.00	13.86	15.5	0
15	256QAM	1	74	13.93	14.06	13.88		
15	256QAM	36	0	13.84	13.71	13.78		
15	256QAM	36	20	13.96	13.95	13.64	15.5	0
15	256QAM	36	39	13.88	13.90	13.88		
15	256QAM	75	0	14.01	13.96	13.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.24	14.46	14.09		
10	QPSK	1	25	14.2	13.97	14.15	15.5	0
10	QPSK	1	49	14.12	13.85	13.69		
10	QPSK	25	0	14.13	14.12	14.04		
10	QPSK	25	12	14.14	14.2	13.98	15.5	0
10	QPSK	25	25	14.08	14.09	14.04		
10	QPSK	50	0	14.08	14.16	13.95		
10	16QAM	1	0	14.18	14.05	14.13		
10	16QAM	1	25	14.11	14.13	14.09	15.5	0
10	16QAM	1	49	14.22	14.25	14.02		
10	16QAM	25	0	14.07	14.15	14.14		
10	16QAM	25	12	14.19	14.12	14.06	15.5	0
10	16QAM	25	25	14.1	14.13	14.08		
10	16QAM	50	0	14.01	14	14.04		
10	64QAM	1	0	14.05	14.22	14.14		
10	64QAM	1	25	14.05	13.98	14.13	15.5	0
10	64QAM	1	49	14.14	13.8	14.16		
10	64QAM	25	0	14.17	14.09	13.93		
10	64QAM	25	12	14.09	14.2	13.98	15.5	0
10	64QAM	25	25	14.15	14.06	14.08		
10	64QAM	50	0	14.13	14.12	14.02		
10	256QAM	1	0	13.98	14.06	13.79		
10	256QAM	1	25	13.98	14.05	13.83	15.5	0
10	256QAM	1	49	13.88	14.04	13.82		
10	256QAM	25	0	13.86	13.65	13.77		
10	256QAM	25	12	13.90	13.88	13.63	15.5	0
10	256QAM	25	25	13.83	13.94	13.82		
10	256QAM	50	0	14.05	13.99	13.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.1	14.23	14.06		
5	QPSK	1	12	14.16	14.03	14.14	15.5	0
5	QPSK	1	24	14.07	13.92	13.68		
5	QPSK	12	0	14.06	14.14	14.08		
5	QPSK	12	7	14.09	14.13	13.99	15.5	0
5	QPSK	12	13	14.1	13.95	13.77		
5	QPSK	25	0	14.11	14.16	13.96		
5	16QAM	1	0	14.19	14.09	14.02		
5	16QAM	1	12	14.18	14.12	13.97	15.5	0
5	16QAM	1	24	14.24	14.19	13.92		
5	16QAM	12	0	14.16	14.11	14.06		
5	16QAM	12	7	14.17	14.07	14.1		
5	16QAM	12	13	14.15	14.1	14.17	15.5	0
5	16QAM	25	0	14.01	14.1	14.03		
5	64QAM	1	0	14.15	14.13	14.17		
5	64QAM	1	12	14.06	13.99	14.07	15.5	0
5	64QAM	1	24	14.12	13.86	14.16		
5	64QAM	12	0	14.21	14.12	13.99		
5	64QAM	12	7	14.08	14.18	13.96	15.5	0
5	64QAM	12	13	14.1	14.09	13.9		
5	64QAM	25	0	14.19	14.08	14.06		
5	256QAM	1	0	14.00	14.06	13.77		
5	256QAM	1	12	13.97	14.01	13.89	15.5	0
5	256QAM	1	24	13.91	13.92	13.74		
5	256QAM	12	0	13.93	13.64	13.74		
5	256QAM	12	7	14.01	13.93	13.62	15.5	0
5	256QAM	12	13	13.77	13.85	13.84		
5	256QAM	25	0	13.98	13.96	13.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.08	14.23	14.03		
3	QPSK	1	8	14.24	14.03	14.14	15.5	0
3	QPSK	1	14	14.1	13.87	13.65		
3	QPSK	8	0	14.05	14.17	13.99		
3	QPSK	8	4	14.05	14.1	13.99	15.5	0
3	QPSK	8	7	14.11	14.02	14.04		
3	QPSK	15	0	14.05	14.09	13.94		
3	16QAM	1	0	14.18	14.14	14.04		
3	16QAM	1	8	14.16	14.05	14.09	15.5	0
3	16QAM	1	14	14.17	14.18	13.99		
3	16QAM	8	0	14.13	14.11	14.15		
3	16QAM	8	4	14.11	14.1	14.09	15.5	0
3	16QAM	8	7	14.1	14.14	14.08		
3	16QAM	15	0	14.1	14.03	14.06		
3	64QAM	1	0	14.15	14.13	14.19		
3	64QAM	1	8	14.05	14.04	14.07	15.5	0
3	64QAM	1	14	14.12	14.09	13.89		
3	64QAM	8	0	14.14	14.1	13.93		
3	64QAM	8	4	14.06	14.14	14.05	15.5	0
3	64QAM	8	7	14.19	14.09	14.04		
3	64QAM	15	0	14.1	14.08	13.99		
3	256QAM	1	0	14.02	14.07	13.74		
3	256QAM	1	8	13.96	14.04	13.88	15.5	0
3	256QAM	1	14	13.91	14.05	13.84		
3	256QAM	8	0	13.91	13.73	13.72		
3	256QAM	8	4	13.96	13.96	13.72	15.5	0
3	256QAM	8	7	13.86	13.91	13.85		
3	256QAM	15	0	13.98	13.95	13.78		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.04	14.21	14.07		
1.4	QPSK	1	3	14.22	14	14.1		
1.4	QPSK	1	5	14.03	13.84	13.73	15.5	0
1.4	QPSK	3	0	14.04	14.17	14.07		
1.4	QPSK	3	1	14.07	14.13	13.98		
1.4	QPSK	3	3	14.07	14.12	13.98		
1.4	QPSK	6	0	14.13	14.13	13.95	15.5	0
1.4	16QAM	1	0	14.14	14.16	14.03		
1.4	16QAM	1	3	14.17	14.05	14.07		
1.4	16QAM	1	5	14.21	13.97	13.98		
1.4	16QAM	3	0	14.13	14.19	14.14	15.5	0
1.4	16QAM	3	1	14.14	14.12	14.08		
1.4	16QAM	3	3	14.12	14.08	14.16		
1.4	16QAM	6	0	14.08	14.02	14.01	15.5	0
1.4	64QAM	1	0	14.15	14.16	14.14		
1.4	64QAM	1	3	14.09	13.98	14.02		
1.4	64QAM	1	5	14.04	13.79	14.11	15.5	0
1.4	64QAM	3	0	14.23	14.06	13.97		
1.4	64QAM	3	1	14.09	14.18	14.01		
1.4	64QAM	3	3	14.19	14.08	14.15		
1.4	64QAM	6	0	14.17	14.09	14	15.5	0
1.4	256QAM	1	0	14.08	14.01	13.81		
1.4	256QAM	1	3	13.96	13.98	13.91		
1.4	256QAM	1	5	13.89	14.06	13.86	15.5	0
1.4	256QAM	3	0	13.89	13.71	13.79		
1.4	256QAM	3	1	13.92	13.93	13.68		
1.4	256QAM	3	3	13.77	13.86	13.88		
1.4	256QAM	6	0	14.00	13.92	13.76	15.5	0

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44		
20	QPSK	1	49	23.12	23.41	23.42	24.5	0
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.20	22.50	22.59		
20	QPSK	50	24	22.23	22.61	22.61	23.5	1
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	21.97	23.10	22.70		
20	16QAM	1	49	22.65	23.10	22.93	23.5	1
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71		
20	16QAM	50	24	21.37	21.89	21.73	22.5	2
20	16QAM

Band 38_Ant 0

BW [MHz]	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	21.81	21.84	21.79	23	0
20	QPSK	1	49	21.58	21.69	21.41		
20	QPSK	1	99	21.63	21.67	21.72		
20	QPSK	50	0	20.66	20.75	20.50	22	1
20	QPSK	50	24	20.65	20.32	20.52		
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.75	20.80	20.41		
20	16QAM	1	0	21.02	20.74	20.55	22	1
20	16QAM	1	49	20.52	20.43	20.60		
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.70	19.41	19.51	21	2
20	16QAM	50	24	19.73	19.57	19.59		
20	16QAM	50	50	19.60	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.62	19.58	19.62	21	2
20	64QAM	1	49	19.33	19.68	19.33		
20	64QAM	1	99	19.87	19.57	19.69		
20	64QAM	50	0	18.72	18.49	18.55	20	3
20	64QAM	50	24	18.69	18.49	18.62		
20	64QAM	50	50	18.71	18.47	18.50		
20	64QAM	100	0	18.80	18.47	18.58		
20	256QAM	1	0	16.56	16.71	16.65	18	5
20	256QAM	1	49	16.63	16.80	16.64		
20	256QAM	1	99	16.67	16.69	16.66		
20	256QAM	50	0	16.76	16.82	16.79	18	5
20	256QAM	50	24	16.78	16.80	16.79		
20	256QAM	50	50	16.60	16.78	16.78		
20	256QAM	100	0	16.63	16.72	16.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.80	21.81	21.76	23	0
15	QPSK	1	37	21.49	21.58	21.41		
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.58	20.63	20.46	22	1
15	QPSK	36	20	20.58	20.26	20.42		
15	QPSK	36	39	20.60	20.47	20.45		
15	QPSK	75	0	20.68	20.80	20.29		
15	16QAM	1	0	20.91	20.74	20.44	22	1
15	16QAM	1	37	20.40	20.35	20.59		
15	16QAM	1	74	20.40	20.25	20.44		
15	16QAM	36	0	19.62	19.30	19.43	21	2
15	16QAM	36	20	19.73	19.45	19.52		
15	16QAM	36	39	19.55	19.36	19.33		
15	16QAM	75	0	19.68	19.39	19.36		
15	64QAM	1	0	19.56	19.56	19.54	21	2
15	64QAM	1	37	19.33	19.86	19.26		
15	64QAM	1	74	19.80	19.46	19.66		
15	64QAM	36	0	18.66	18.47	18.54	20	3
15	64QAM	36	20	18.65	18.43	18.60		
15	64QAM	36	39	18.63	18.45	18.44		
15	64QAM	75	0	18.68	18.42	18.53		
15	256QAM	1	0	16.45	16.62	16.55	18	5
15	256QAM	1	37	16.56	16.75	16.53		
15	256QAM	1	74	16.55	16.68	16.66		
15	256QAM	36	0	16.66	16.70	16.78	18	5
15	256QAM	36	20	16.76	16.80	16.67		
15	256QAM	36	39	16.59	16.66	16.76		
15	256QAM	75	0	16.56	16.68	16.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.74	21.75	21.75	23	0
10	QPSK	1	25	21.58	21.57	21.31		
10	QPSK	1	49	21.61	21.58	21.62		
10	QPSK	25	0	20.64	20.63	20.38	22	1
10	QPSK	25	12	20.61	20.25	20.42		
10	QPSK	25	25	20.62	20.51	20.39		
10	QPSK	50	0	20.70	20.74	20.32		
10	16QAM	1	0	21.01	20.68	20.45	22	1
10	16QAM	1	25	20.46	20.41	20.53		
10	16QAM	1	49	20.47	20.28	20.50		
10	16QAM	25	0	19.70	19.36	19.51	21	2
10	16QAM	25	12	19.63	19.50	19.56		
10	16QAM	25	25	19.53	19.36	19.34		
10	16QAM	50	0	19.64	19.36	19.41		
10	64QAM	1	0	19.50	19.52	19.60	21	2
10	64QAM	1	25	19.29	19.81	19.28		
10	64QAM	1	49	19.83	19.54	19.59		
10	64QAM	25	0	18.71	18.42	18.44	20	3
10	64QAM	25	12	18.61	18.40	18.60		
10	64QAM	25	25	18.67	18.40	18.41		
10	64QAM	50	0	18.76	18.38	18.49		
10	256QAM	1	0	16.54	16.64	16.53	18	5
10	256QAM	1	25	16.53	16.71	16.57		
10	256QAM	1	49	16.59	16.57	16.63		
10	256QAM	25	0	16.66	16.75	16.75	18	5
10	256QAM	25	12	16.76	16.74	16.69		
10	256QAM	25	25	16.51	16.73	16.73		
10	256QAM	50	0	16.60	16.66	16.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.70	21.80	21.70	23	0
5	QPSK	1	12	21.57	21.59	21.38		
5	QPSK	1	24	21.62	21.56	21.72		
5	QPSK	12	0	20.65	20.69	20.38	22	1
5	QPSK	12	7	20.62	20.21	20.52		
5	QPSK	12	13	20.69	20.39	20.50		
5	QPSK	25	0	20.63	20.80	20.32		
5	16QAM	1	0	20.98	20.66	20.46	22	1
5	16QAM	1	12	20.46	20.42	20.57		
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.41	21	2
5	16QAM	12	7	19.66	19.47	19.50		
5	16QAM	12	13	19.60	19.37	19.32		
5	16QAM	25	0	19.62	19.39	19.45		
5	64QAM	1	0	19.62	19.57	19.57	21	2
5	64QAM	1	12	19.33	19.87	19.21		
5	64QAM	1	24	19.80	19.46	19.57		
5	64QAM	12	0	18.66	18.39	18.53	20	3
5	64QAM	12	7	18.66	18.37	18.62		
5	64QAM	12	13	18.71	18.39	18.49		
5	64QAM	25	0	18.79	18.44	18.47		
5	256QAM	1	0	16.51	16.60	16.61	18	5
5	256QAM	1	12	16.55	16.69	16.52		
5	256QAM	1	24	16.60	16.67	16.65		
5	256QAM	12	0	16.65	16.80	16.72	18	5
5	256QAM	12	7	16.73	16.71	16.67		
5	256QAM	12	13	16.53	16.73	16.68		
5	256QAM	25	0	16.54	16.64	16.47		

Band 38_Ant 1

BW [MHz]	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	17.05	17.1	16.91	18	0
20	QPSK	1	49	17.03	16.93	17.04		
20	QPSK	1	99	16.98	16.85	17.03		
20	QPSK	50	0	17.03	17.08	16.92	18	0
20	QPSK	50	24	17.07	16.97	16.97		
20	QPSK	50	50	16.98	16.97	17.01		
20	QPSK	100	0	16.95	17.01	16.92		
20	16QAM	1	0	16.81	16.81	17.02	18	0
20	16QAM	1	49	17.05	17.05	16.99		
20	16QAM	1	99	16.8	16.88	16.76		
20	16QAM	50	0	17.07	16.89	16.98	18	0
20	16QAM	50	24	17.08	17.02	16.87		
20	16QAM	50	50	17.06	17.07	17.06		
20	16QAM	100	0	17.07	16.89	16.84		
20	64QAM	1	0	17.02	17.05	17.02	18	0
20	64QAM	1	49	17.07	16.95	16.97		
20	64QAM	1	99	16.73	16.75	16.89		
20	64QAM	50	0	17.03	16.97	16.94	18	0
20	64QAM	50	24	17.07	16.84	16.98		
20	64QAM	50	50	17.08	17.02	17.02		
20	64QAM	100	0	17.06	16.9	16.91		
20	256QAM	1	0	17.06	17.06	17.06	18	0
20	256QAM	1	49	17.08	17.02	17.02		
20	256QAM	1	99	17.07	17.03	17.02		
20	256QAM	50	0	17.05	17.07	17.08	18	0
20	256QAM	50	24	17.03	17.07	17.06		
20	256QAM	50	50	17.08	17.02	17.03		
20	256QAM	100	0	17.08	17.05	17.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.03	17.03	16.88	18	0
15	QPSK	1	37	16.95	16.88	16.92		
15	QPSK	1	74	16.91	16.73	16.99		
15	QPSK	36	0	16.99	17.01	16.89	18	0
15	QPSK	36	20	16.95	16.91	16.92		
15	QPSK	36	39	16.92	16.84	16.89		
15	QPSK	75	0	16.93	16.99	16.81		
15	16QAM	1	0	16.69	16.78	16.91	18	0
15	16QAM	1	37	16.98	16.98	16.92		
15	16QAM	1	74	16.48	16.77	16.94		
15	16QAM	36	0	16.94	16.81	16.91	18	0
15	16QAM	36	20	16.99	16.89	16.78		
15	16QAM	36	39	17.03	17.03	16.94		
15	16QAM	75	0	16.97	16.84	16.82		
15	64QAM	1	0	16.99	16.96	16.9	18	0
15	64QAM	1	37	17	16.89	16.85		
15	64QAM	1	74	16.7	16.65	16.87		
15	64QAM	36	0	16.96	16.86	16.87	18	0
15	64QAM	36	20	17.03	16.79	16.9		
15	64QAM	36	39	16.96	16.98	16.97		
15	64QAM	75	0	17	16.84	16.87		
15	256QAM	1	0	16.97	16.96	16.95	18	0
15	256QAM	1	37	16.95	16.95	16.93		
15	256QAM	1	74	16.97	16.92	16.98		
15	256QAM	36	0	16.97	16.94	16.97	18	0
15	256QAM	36	20	16.92	17.04	17.01		
15	256QAM	36	39	16.97	16.93	16.94		
15	256QAM	75	0	17.05	17.03	16.97		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.99	17.05	16.86	18	0
10	QPSK	1	25	16.96	16.88	16.92		
10	QPSK	1	49	16.9	16.79	17.01		
10	QPSK	25	0	16.91	16.95	16.85	18	0
10	QPSK	25	12	17.01	16.93	16.94		
10	QPSK	25	25	16.89	16.89	16.89		
10	QPSK	50	0	16.83	16.91	16.81		
10	16QAM	1	0	16.77	16.78	16.99	18	0
10	16QAM	1	25	16.94	17.02	16.92		
10	16QAM	1	49	16.58	16.83	16.65		
10	16QAM	25	0	17.04	16.79	16.88	18	0
10	16QAM	25	12	17.04	16.9	16.85		
10	16QAM	25	25	16.97	17.05	17.03		
10	16QAM	50	0	16.94	16.86	16.72		
10	64QAM	1	0	17.01	16.91	16.91	18	0
10	64QAM	1	25	17.01	16.89	16.93		
10	64QAM	1	49	16.71	16.64	16.77		
10	64QAM	25	0	16.95	16.88	16.88	18	0
10	64QAM	25	12	17.05	16.74	16.89		
10	64QAM	25	25	16.99	16.97	16.9		
10	64QAM	50	0	16.98	16.84	16.81		
10	256QAM	1	0	17.04	17.02	16.99	18	0
10	256QAM	1	25	16.97	16.98	16.93		
10	256QAM	1	49	16.96	16.97	16.91		
10	256QAM	25	0	16.96	17.04	17.01	18	0
10	256QAM	25	12	16.92	16.95	16.99		
10	256QAM	25	25	17.06	16.93	16.93		
10	256QAM	50	0	17.03	16.96	16.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.01	17.03	16.87	18	0
5	QPSK	1	12	16.99	16.8	16.99		
5	QPSK	1	24	16.87	16.78	16.98		
5	QPSK	12	0	16.93	16.99	16.87	18	0
5	QPSK	12	7	17.01	16.94	16.9		
5	QPSK	12	13	16.89	16.89	16.92		
5	QPSK	25	0	16.89	16.92	16.83		
5	16QAM	1	0	16.73	16.75	16.93	18	0
5	16QAM	1	12	17.03	16.93	16.94		
5	16QAM	1	24	16.58	16.77	16.71		
5	16QAM	12	0	16.95	16.79	16.96	18	0
5	16QAM	12	7	17.03	16.98	16.74		
5	16QAM	12	13	16.95	17.05	16.93		
5	16QAM	25	0	17.02	16.79	16.75		
5	64QAM	1	0	16.99	16.94	17	18	0
5	64QAM	1	12	16.99	16.87	16.87		
5	64QAM	1	24	16.68	16.65	16.81		
5	64QAM	12	0	16.94	16.84	16.92	18	0
5	64QAM	12	7	17.05	16.78	16.95		
5	64QAM	12	13	17.06	16.91	16.92		
5	64QAM	25	0	17	16.82	16.78		
5	256QAM	1	0	17.01	16.95	16.96	18	0
5	256QAM	1	12	17.04	16.98	16.97		
5	256QAM	1	24	16.99	16.96	16.95		
5	256QAM	12	0	17.03	16.95	17.00	18	0
5	256QAM	12	7	16.90	17.04	16.93		
5	256QAM	12	13	17.04	16.98	17.00		
5	256QAM	25	0	17.01	16.94	16.92		

Band 38_Ant 2

BW [MHz]	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	24.29	24.45	24.20	25.5	0
20	QPSK	1	49	24.32	24.17	24.13		
20	QPSK	1	99	24.31	24.05	24.06		
20	QPSK	50	0	23.32	23.42	23.10	24.5	1
20	QPSK	50	24	23.18	23.28	23.32		
20	QPSK	50	50	23.28	23.29	23.23		
20	QPSK	100	0	23.12	23.16	23.05		
20	16QAM	1	0	23.01	22.88	23.01	24.5	1
20	16QAM	1	49	23.14	23.06	22.96		
20	16QAM	1	99	22.98	23.04	23.18		
20	16QAM	50	0	22.10	22.04	22.14	23.5	2
20	16QAM	50	24	22.38	22.32	22.13		
20	16QAM	50	50	22.41	22.15	22.19		
20	16QAM	100	0	22.32	22.08	22.07		
20	64QAM	1	0	22.42	22.12	22.03	23.5	2
20	64QAM	1	49	22.44	21.95	21.92		
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11	22.5	3
20	64QAM	50	24	21.55	21.11	21.15		
20	64QAM	50	50	21.44	21.08	21.30		
20	64QAM	100	0	21.44	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44	20.5	5
20	256QAM	1	49	19.32	19.43	19.34		
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33	20.5	5
20	256QAM	50	24	19.45	19.34	19.38		
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.21	24.42	24.08	25.5	0
15	QPSK	1	37	24.31	24.11	24.05		
15	QPSK	1	74	24.29	23.94	23.97		
15	QPSK	36	0	23.28	23.41	22.98	24.5	1
15	QPSK	36	20	23.14	23.23	23.32		
15	QPSK	36	39	23.27	23.25	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	22.90	22.88	22.89	24.5	1
15	16QAM	1	37	23.05	22.95	22.91		
15	16QAM	1	74	22.98	22.93	23.14		
15	16QAM	36	0	22.07	21.92	22.12	23.5	2
15	16QAM	36	20	22.33	22.28	22.10		
15	16QAM	36	39	22.41	22.04	22.14		
15	16QAM	75	0	22.28	21.96	21.95		
15	64QAM	1	0	22.39	22.06	21.91	23.5	2
15	64QAM	1	37	22.41	21.93	22.01		
15	64QAM	1	74	22.06	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04	22.5	3
15	64QAM	36	20	21.52	21.03	21.15		
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	19.38	19.41	19.44	20.5	5
15	256QAM	1	37	19.32	19.31	19.26		
15	256QAM	1	74	19.23	19.36	19.14		
15	256QAM	36	0	19.22	19.21	19.27	20.5	5
15	256QAM	36	20	19.35	19.26	19.33		
15	256QAM	36	39	19.26	19.42	19.20		
15	256QAM	75	0	19.40	19.38	19.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.26	24.39	24.19	25.5	0
10	QPSK	1	25	24.25	24.14	24.08		
10	QPSK	1	49	24.31	24.02	23.99		
10	QPSK	25	0	23.30	23.42	23.03	24.5	1
10	QPSK	25	12	23.10	23.20	23.22		
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.15	23.03		
10	16QAM	1	0	22.94	22.80	22.96	24.5	1
10	16QAM	1	25	23.07	22.97	22.91		
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.00	22.03	22.07	23.5	2
10	16QAM	25	12	22.32	22.26	22.11		
10	16QAM	25	25	22.31	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	64QAM	1	0	22.35	22.10	22.00	23.5	2
10	64QAM	1	25	22.37	21.85	21.90		
10	64QAM	1	49	22.11	22.10	22.03		
10	64QAM	25	0	21.27	20.99	21.00	22.5	3
10	64QAM	25	12	21.48	21.06	21.06		
10	64QAM	25	25	21.36	21.05	21.28		
10	64QAM	50	0	21.32	20.92	21.23		
10	256QAM	1	0	19.39	19.40	19.33	20.5	5
10	256QAM	1	25	19.27	19.38	19.30		
10	256QAM	1	49	19.28	19.25	19.14		
10	256QAM	25	0	19.19	19.26	19.26	20.5	5
10	256QAM	25	12	19.42	19.24	19.26		
10	256QAM	25	25	19.29	19.37	19.30		
10	256QAM	50	0	19.34	19.39	19.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.35	24.14	25.5	0
5	QPSK	1	12	24.24	24.10	24.12		
5	QPSK	1	24	24.26	24.01	23.96		
5	QPSK	12	0	23.24	23.37	23.05	24.5	1
5	QPSK	12	7	23.10	23.20	23.25		
5	QPSK	12	13	23.24	23.19	23.22		
5	QPSK	25	0	23.03	23.11	22.99		
5	16QAM	1	0	22.93	22.88	22.98	24.5	1
5	16QAM	1	12	23.10	23.02	22.84		
5	16QAM	1	24	22.94	22.99	23.09		
5	16QAM	12	0	22.08	22.02	22.14	23.5	2
5	16QAM	12	7	22.38	22.20	22.04		
5	16QAM	12	13	22.36	22.11	22.09		
5	16QAM	25	0	22.27	21.99	21.95		
5	64QAM	1	0	22.35	22.10	21.92	23.5	2
5	64QAM	1	12	22.34	21.86	21.89		
5	64QAM	1	24	22.01	22.13	21.97		
5	64QAM	12	0	21.29	21.01	21.06	22.5	3
5	64QAM	12	7	21.50	21.01	21.05		
5	64QAM	12	13	21.40	20.98	21.30		
5	64QAM	25	0	21.36	20.98	21.21		
5	256QAM	1	0	19.40	19.38	19.39	20.5	5
5	256QAM	1	12	19.28	19.33	19.33		
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.25	19.20	19.23	20.5	5
5	256QAM	12	7	19.45	19.25	19.29		
5	256QAM	12	13	19.24	19.42	19.28		
5	256QAM	25	0	19.35	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.56	19.65	19.61	20.7	0
20	QPSK	1	49	19.58	19.64	19.53		
20	QPSK	1	99	19.48	19.57	19.45		
20	QPSK	50	0	19.50	19.63	19.54		
20	QPSK	50	24	19.61	19.59	19.47		
20	QPSK	50	50	19.55	19.61	19.53		
20	QPSK	100	0	19.56	19.62	19.60		
20	16QAM	1	0	19.53	19.60	19.46		
20	16QAM	1	49	19.62	19.60	19.60	20.7	0
20	16QAM	1	99	19.54	19.60	19.47		
20	16QAM	50	0	19.50	19.59	19.62		
20	16QAM	50	24	19.53	19.62	19.63	20.7	0
20	16QAM	50	50	19.58	19.63	19.62		
20	16QAM	100	0	19.43	19.58	19.61		
20	64QAM	1	0	19.53	19.61	19.58		
20	64QAM	1	49	19.61	19.60	19.63	20.7	0
20	64QAM	1	99	19.52	19.61	19.50		
20	64QAM	50	0	19.47	19.61	19.52		
20	64QAM	50	24	19.56	19.61	19.59	20.7	0
20	64QAM	50	50	19.53	19.60	19.52		
20	64QAM	100	0	19.64	19.61	19.53		
20	256QAM	1	0	19.57	19.59	19.56		
20	256QAM	1	49	19.57	19.61	19.55	20.7	0
20	256QAM	1	99	19.58	19.61	19.48		
20	256QAM	50	0	19.55	19.61	19.55		
20	256QAM	50	24	19.63	19.60	19.58	20.7	0
20	256QAM	50	50	19.59	19.63	19.57		
20	256QAM	100	0	19.62	19.58	19.53		
Channel				37625	38000	38375	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.51	19.58	19.58	20.7	0
15	QPSK	1	37	19.50	19.51	19.46		
15	QPSK	1	74	19.45	19.48	19.39		
15	QPSK	36	0	19.38	19.50	19.41		
15	QPSK	36	20	19.58	19.50	19.44		
15	QPSK	36	39	19.47	19.50	19.48		
15	QPSK	75	0	19.44	19.60	19.49		
15	16QAM	1	0	19.42	19.54	19.38		
15	16QAM	1	37	19.51	19.48	19.51	20.7	0
15	16QAM	1	74	19.51	19.55	19.40		
15	16QAM	36	0	19.47	19.55	19.56		
15	16QAM	36	20	19.46	19.57	19.51	20.7	0
15	16QAM	36	39	19.54	19.58	19.56		
15	16QAM	75	0	19.32	19.51	19.43		
15	64QAM	1	0	19.44	19.58	19.56		
15	64QAM	1	37	19.57	19.47	19.51	20.7	0
15	64QAM	1	74	19.39	19.55	19.40		
15	64QAM	36	0	19.38	19.53	19.50		
15	64QAM	36	20	19.54	19.57	19.56	20.7	0
15	64QAM	36	39	19.50	19.52	19.39		
15	64QAM	75	0	19.55	19.53	19.42		
15	256QAM	1	0	19.55	19.49	19.48		
15	256QAM	1	37	19.52	19.48	19.50	20.7	0
15	256QAM	1	74	19.54	19.50	19.42		
15	256QAM	36	0	19.48	19.48	19.53		
15	256QAM	36	20	19.61	19.49	19.46	20.7	0
15	256QAM	36	39	19.53	19.58	19.54		
15	256QAM	75	0	19.58	19.54	19.41		
Channel				37800	38000	38200	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.49	19.58	19.55	20.7	0
10	QPSK	1	25	19.52	19.62	19.43		
10	QPSK	1	49	19.45	19.55	19.40		
10	QPSK	25	0	19.41	19.54	19.51		
10	QPSK	25	12	19.49	19.57	19.36		
10	QPSK	25	25	19.44	19.50	19.41		
10	QPSK	50	0	19.48	19.52	19.51		
10	16QAM	1	0	19.45	19.57	19.37		
10	16QAM	1	25	19.51	19.57	19.47	20.7	0
10	16QAM	1	49	19.50	19.61	19.38		
10	16QAM	25	0	19.46	19.50	19.60		
10	16QAM	25	12	19.44	19.52	19.60	20.7	0
10	16QAM	25	25	19.52	19.60	19.49		
10	16QAM	50	0	19.33	19.45	19.41		
10	64QAM	1	0	19.48	19.57	19.48		
10	64QAM	1	25	19.51	19.57	19.55	20.7	0
10	64QAM	1	49	19.42	19.56	19.44		
10	64QAM	25	0	19.38	19.52	19.45		
10	64QAM	25	12	19.44	19.56	19.56	20.7	0
10	64QAM	25	25	19.51	19.50	19.47		
10	64QAM	50	0	19.53	19.50	19.40		
10	256QAM	1	0	19.52	19.57	19.53		
10	256QAM	1	25	19.55	19.52	19.51	20.7	0
10	256QAM	1	49	19.51	19.54	19.46		
10	256QAM	25	0	19.48	19.50	19.50		
10	256QAM	25	12	19.48	19.56	19.49	20.7	0
10	256QAM	25	25	19.57	19.60	19.51		
10	256QAM	50	0	19.57	19.54	19.41		
Channel				37750	38000	38250	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.51	19.57	19.55	20.7	0
5	QPSK	1	12	19.51	19.51	19.51		
5	QPSK	1	24	19.40	19.47	19.38		
5	QPSK	12	0	19.43	19.61	19.51		
5	QPSK	12	7	19.54	19.47	19.40	20.7	0
5	QPSK	12	13	19.50	19.55	19.41		
5	QPSK	25	0	19.43	19.55	19.58		
5	16QAM	1	0	19.42	19.49	19.37		
5	16QAM	1	12	19.51	19.51	19.57	20.7	0
5	16QAM	1	24	19.41	19.55	19.41		
5	16QAM	12	0	19.46	19.55	19.57		
5	16QAM	12	7	19.45	19.49	19.50	20.7	0
5	16QAM	12	13	19.56	19.60	19.50		
5	16QAM	25	0	19.39	19.46	19.46		
5	64QAM	1	0	19.51	19.55	19.53		
5	64QAM	1	12	19.57	19.58	19.53	20.7	0
5	64QAM	1	24	19.41	19.50	19.44		
5	64QAM	12	0	19.42	19.55	19.40		
5	64QAM	12	7	19.52	19.57	19.57	20.7	0
5	64QAM	12	13	19.40	19.53	19.42		
5	64QAM	25	0	19.51	19.55	19.43		
5	256QAM	1	0	19.50	19.48	19.54		
5	256QAM	1	12	19.48	19.56	19.46	20.7	0
5	256QAM	1	24	19.51	19.52	19.37		
5	256QAM	12	0	19.46	19.52	19.49		
5	256QAM	12	7	19.53	19.48	19.48	20.7	0
5	256QAM	12	13	19.53	19.58	19.53		
5	256QAM	25	0	19.58	19.50	19.46		

Band 41_Ant 0

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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	21.95	21.96	21.98	21.94	21.97	23	0
20	QPSK	1	49	21.85	21.96	21.97	21.93	21.92		
20	QPSK	1	99	21.95	21.94	21.96	21.94	21.92		
20	QPSK	50	0	20.79	20.86	20.87	20.79	20.75		
20	QPSK	50	24	20.77	20.74	20.80	20.77	20.83	22	1
20	QPSK	50	50	20.77	20.76	20.79	20.83	20.78		
20	QPSK	100	0	20.76	20.77	20.86	20.84	20.80		
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.75		
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.72	22	1
20	16QAM	1	99	20.74	20.84	20.80	20.74	20.69		
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.68		
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.73	21	2
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73		
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.66		
20	64QAM	1	0	19.78	19.85	19.82	19.72	19.67		
20	64QAM	1	49	19.72	19.85	19.82	19.72	19.69	21	2
20	64QAM	1	99	19.71	19.83	19.77	19.71	19.63		
20	64QAM	50	0	18.61	18.72	18.74	18.60	18.59		
20	64QAM	50	24	18.64	18.72	18.77	18.61	18.57	20	3
20	64QAM	50	50	18.71	18.73	18.68	18.63	18.53		
20	64QAM	100	0	18.61	18.78	18.73	18.62	18.60		
20	256QAM	1	0	16.52	16.68	16.63	16.49	16.51		
20	256QAM	1	49	16.58	16.69	16.73	16.57	16.54	18	5
20	256QAM	1	99	16.51	16.69	16.72	16.56	16.48		
20	256QAM	50	0	16.53	16.69	16.73	16.59	16.47		
20	256QAM	50	24	16.51	16.61	16.72	16.49	16.49	18	5
20	256QAM	50	50	16.61	16.65	16.66	16.54	16.59		
20	256QAM	100	0	16.60	16.68	16.69	16.49	16.53		
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	21.92	21.96	21.91	21.82	21.96	23.00	0
15	QPSK	1	37	21.82	21.95	21.87	21.85	21.91		
15	QPSK	1	74	21.88	21.86	21.96	21.88	21.89		
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.65		
15	QPSK	36	20	20.68	20.64	20.74	20.75	20.72	22	1
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70		
15	QPSK	75	0	20.70	20.66	20.85	20.78	20.79		
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.74		
15	16QAM	1	37	20.56	20.71	20.71	20.61	20.64	22	1
15	16QAM	1	74	20.71	20.74	20.78	20.62	20.61		
15	16QAM	36	0	19.64	19.65	19.72	19.74	19.58		
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71	21	2
15	16QAM	36	39	19.73	19.68	19.77	19.64	19.63		
15	16QAM	75	0	19.62	19.67	19.86	19.56	19.66		
15	64QAM	1	0	19.71	19.77	19.80	19.70	19.59		
15	64QAM	1	37	19.71	19.84	19.82	19.68	19.65	21	2
15	64QAM	1	74	19.69	19.80	19.67	19.64	19.54		
15	64QAM	36	0	18.57	18.64	18.67	18.60	18.55		
15	64QAM	36	20	18.59	18.64	18.68	18.59	18.55	20	3
15	64QAM	36	39	18.66	18.66	18.67	18.60	18.42		
15	64QAM	75	0	18.52	18.76	18.61	18.55	18.55		
15	256QAM	1	0	16.45	16.65	16.62	16.48	16.39		
15	256QAM	1	37	16.53	16.64	16.62	16.49	16.49	18	5
15	256QAM	1	74	16.46	16.66	16.67	16.46	16.36		
15	256QAM	36	0	16.41	16.58	16.68	16.54	16.44		
15	256QAM	36	20	16.40	16.53	16.69	16.37	16.47	18	5
15	256QAM	36	39	16.54	16.54	16.59	16.47	16.54		
15	256QAM	75	0	16.54	16.58	16.68	16.47	16.51		
Channel				39700	40160	40620	41080	41540	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.87	21.95	21.89	21.84	21.93	23.00	0
10	QPSK	1	25	21.85	21.94	21.85	21.87	21.80		
10	QPSK	1	49	21.90	21.85	21.96	21.85	21.89		
10	QPSK	25	0	20.70	20.80	20.84	20.79	20.71		
10	QPSK	25	12	20.76	20.65	20.74	20.67	20.76	22	1
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.78		
10	QPSK	50	0	20.65	20.75	20.82	20.83	20.74		
10	16QAM	1	0	20.69	20.74	20.70	20.77	20.67		
10	16QAM	1	25	20.59	20.68	20.65	20.59	20.62	22	1
10	16QAM	1	49	20.70	20.78	20.72	20.66	20.65		
10	16QAM	25	0	19.67	19.64	19.76	19.66	19.66		
10	16QAM	25	12	19.67	19.70	19.70	19.69	19.70	21	2
10	16QAM	25	25	19.78	19.69	19.70	19.80	19.73		
10	16QAM	50	0	19.74	19.79	19.78	19.62	19.63		
10	64QAM	1	0	19.77	19.77	19.77	19.65	19.64		
10	64QAM	1	25	19.70	19.78	19.70	19.64	19.63	21	2
10	64QAM	1	49	19.71	19.73	19.71	19.69	19.55		
10	64QAM	25	0	18.53	18.60	18.70	18.49	18.50		
10	64QAM	25	12	18.59	18.60	18.74	18.56	18.57	20	3
10	64QAM	25	25	18.59	18.65	18.68	18.56	18.46		
10	64QAM	50	0	18.53	18.75	18.66	18.57	18.59		
10	256QAM	1	0	16.51	16.61	16.59	16.46	16.51		
10	256QAM	1	25	16.57	16.61	16.62	16.51	16.50	18	5
10	256QAM	1	49	16.49	16.58	16.67	16.44	16.45		
10	256QAM	25	0	16.46	16.65	16.65	16.50	16.39		
10	256QAM	25	12	16.48	16.57	16.63	16.40	16.41	18	5
10	256QAM	25	25	16.58	16.60	16.65	16.44	16.52		
10	256QAM	50	0	16.49	16.61	16.59	16.46	16.50		
Channel				39675	40145	40620	41095	41565	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.92	21.85	21.97	21.91	21.89	23.00	0
5	QPSK	1	12	21.74	21.87	21.94	21.90	21.83		
5	QPSK	1	24	21.92	21.85	21.95	21.93	21.90		
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74		
5	QPSK	12	7	20.67	20.63	20.68	20.70	20.75	22	1
5	QPSK	12	13	20.69	20.68	20.69	20.67	20.77		
5	QPSK	25	0	20.72	20.65	20.77	20.77	20.70		
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.75		
5	16QAM	1	12	20.60	20.74	20.71	20.64	20.72	22	1
5	16QAM	1	24	20.65	20.77	20.78	20.64	20.68		
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.68		
5	16QAM	12	7	19.76	19.78	19.71	19.72	19.64	21	2
5	16QAM	12	13	19.75	19.68	19.72	19.67	19.67		
5	16QAM	25	0	19.73	19.68	19.86	19.62	19.61		
5	64QAM	1	0	19.70	19.75	19.70	19.64	19.57		
5	64QAM	1	12	19.70	19.81	19.81	19.69	19.65	21	2
5	64QAM	1	24	19.67	19.74	19.72	19.64	19.58		
5	64QAM	12	0	18.55	18.61	18.73	18.50	18.49		
5	64QAM	12	7	18.54	18.63	18.72	18.56	18.47	20	3
5	64QAM	12	13	18.62	18.62	18.62	18.59	18.46		
5	64QAM	25	0	18.51	18.67	18.66	18.51	18.51		
5	256QAM	1	0	16.51	16.63	16.52	16.43	16.47		
5	256QAM	1	12	16.49	16.63	16.62	16.56	16.54	18	5
5	256QAM	1	24	16.45	16.64	16.70	16.56	16.44		
5	256QAM	12	0	16.42	16.69	16.64	16.54	16.37		
5	256QAM	12	7	16.48	16.57	16.72	16.44	16.43	18	5
5	256QAM	12	13	16.53	16.63	16.61	16.45	16.58		
5	256QAM	25	0	16.50	16.62	16.67	16.44	16.41		

Band 41_Ant 1

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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	17.37	17.35	17.63	17.36	17.44	18.5	0
20	QPSK	1	49	17.41	17.41	17.29	17.28	17.2		
20	QPSK	1	99	17.26	17.41	17.06	17.14	17.32		
20	QPSK	50	0	17.44	17.56	17.57	17.23	17.21		
20	QPSK	50	24	17.56	17.55	17.34	17.26	17.3	18.5	0
20	QPSK	50	50	17.47	17.47	17.18	17.33	17.26		
20	QPSK	100	0	17.55	17.53	17.56	17.26	17.25		
20	16QAM	1	0	17.31	17.34	17.24	17.4	17.35		
20	16QAM	1	49	17.22	17.41	17.39	17.21	17.17	18.5	0
20	16QAM	1	99	17.12	17.03	17.05	17.35	17.15		
20	16QAM	50	0	17.43	17.4	17.24	17.33	17.22		
20	16QAM	50	24	17.62	17.44	17.41	17.32	17.32	18.5	0
20	16QAM	50	50	17.58	17.41	17.33	17.31	17.3		
20	16QAM	100	0	17.52	17.55	17.38	17.27	17.26		
20	64QAM	1	0	17.12	17.08	17.26	17.29	17.07		
20	64QAM	1	49	17.61	16.96	17.32	17.07	16.99	18.5	0
20	64QAM	1	99	17.04	17.53	17.43	17.58	17.02		
20	64QAM	50	0	17.45	17.36	17.3	17.26	17.38		
20	64QAM	50	24	17.41	17.43	17.3	17.36	17.25	18.5	0
20	64QAM	50	50	17.51	17.54	17.42	17.37	17.33		
20	64QAM	100	0	17.51	17.49	17.38	17.26	17.29		
20	256QAM	1	0	17.53	17.43	17.62	17.47	17.59		
20	256QAM	1	49	17.35	17.38	17.56	17.41	17.56	18.5	0
20	256QAM	1	99	17.47	17.29	17.50	17.33	17.47		
20	256QAM	50	0	17.52	17.38	17.62	17.55	17.58		
20	256QAM	50	24	17.58	17.44	17.32	17.54	17.56	18.5	0
20	256QAM	50	50	17.55	17.38	17.56	17.47	17.57		
20	256QAM	100	0	17.54	17.42	17.23	17.54	17.54		
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	17.33	17.26	17.6	17.24	17.35	18.50	0
15	QPSK	1	37	17.39	17.3	17.18	17.24	17.16		
15	QPSK	1	74	17.2	17.32	16.95	17.03	17.3		
15	QPSK	36	0	17.35	17.47	17.5	17.13	17.16		
15	QPSK	36	20	17.53	17.51	17.31	17.15	17.22	18.5	0
15	QPSK	36	39	17.42	17.45	17.13	17.22	17.16		
15	QPSK	75	0	17.53	17.5	17.53	17.24	17.2		
15	16QAM	1	0	17.27	17.22	17.22	17.38	17.23		
15	16QAM	1	37	17.18	17.32	17.37	17.15	17.12	18.5	0
15	16QAM	1	74	17.07	16.91	17.03	17.24	17.11		
15	16QAM	36	0	17.33	17.31	17.17	17.28	17.15		
15	16QAM	36	20	17.6	17.32	17.31	17.26	17.23	18.5	0
15	16QAM	36	39	17.46	17.32	17.29	17.19	17.27		
15	16QAM	75	0	17.46	17.52	17.28	17.18	17.15		
15	64QAM	1	0	17.1	16.99	17.16	17.18	16.95		
15	64QAM	1	37	17.59	16.92	17.27	16.99	16.96	18.5	0
15	64QAM	1	74	17	17.45	17.32	17.49	16.99		
15	64QAM	36	0	17.4	17.29	17.23	17.22	17.29		
15	64QAM	36	20	17.36	17.34	17.22	17.33	17.13	18.5	0
15	64QAM	36	39	17.46	17.42	17.39	17.33	17.26		
15	64QAM	75	0	17.45	17.38	17.27	17.23	17.22		
15	256QAM	1	0	17.42	17.34	17.59	17.37	17.55		
15	256QAM	1	37	17.31	17.27	17.51	17.39	17.51	18.5	0
15	256QAM	1	74	17.42	17.20	17.42	17.29	17.36		
15	256QAM	36	0	17.40	17.35	17.51	17.52	17.49		
15	256QAM	36	20	17.56	17.42	17.25	17.47	17.47	18.5	0
15	256QAM	36	39	17.45	17.33	17.49	17.39	17.50		
15	256QAM	75	0	17.45	17.32	17.12	17.44	17.44		
Channel				39700	40160	40620	41080	41540	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.35	17.29	17.57	17.33	17.36	18.50	0
10	QPSK	1	25	17.32	17.34	17.19	17.23	17.08		
10	QPSK	1	49	17.24	17.37	16.95	17.07	17.24		
10	QPSK	25	0	17.35	17.49	17.52	17.2	17.14	18.5	0
10	QPSK	25	12	17.51	17.45	17.32	17.2	17.2		
10	QPSK	25	25	17.45	17.38	17.07	17.23	17.24		
10	QPSK	50	0	17.51	17.51	17.45	17.14	17.14		
10	16QAM	1	0	17.19	17.3	17.18	17.31	17.29	18.5	0
10	16QAM	1	25	17.16	17.38	17.17	17.36	17.17		
10	16QAM	1	49	17.09	17.01	17.02	17.23	17.09		
10	16QAM	25	0	17.32	17.34	17.13	17.23	17.16	18.5	0
10	16QAM	25	12	17.58	17.34	17.34	17.21	17.26		
10	16QAM	25	25	17.48	17.29	17.21	17.22	17.25		
10	16QAM	50	0	17.43	17.52	17.33	17.23	17.24		
10	64QAM	1	0	17.09	17.06	17.16	17.18	17.04	18.5	0
10	64QAM	1	25	17.5	16.89	17.29	17.04	16.97		
10	64QAM	1	49	16.

Band 41_Ant 2

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	2546.5	2593	2639.5	2680		
20	QPSK	1	0	23.98	24.31	24.56	24.35	24.16	25.5	0
20	QPSK	1	49	24.13	24.38	23.97	24.07	24.29		
20	QPSK	1	99	23.88	24.06	23.99	23.99	24.09		
20	QPSK	50	0	23.02	23.38	23.47	23.21	23.25	24.5	1
20	QPSK	50	24	23.04	23.41	23.32	23.39	23.27		
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21		
20	QPSK	100	0	23.09	23.39	23.41	23.21	23.23		
20	16QAM	1	0	22.89	23.33	22.85	23.53	23.42	24.5	1
20	16QAM	1	49	23.06	23.18	23.42	23.32	23.23		
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23		
20	16QAM	50	0	21.98	22.38	22.19	22.35	22.26	23.5	2
20	16QAM	50	24	22.19	22.54	22.28	22.31	22.26		
20	16QAM	50	50	22.05	22.45	22.32	22.22	22.28		
20	16QAM	100	0	22.06	22.43	22.25	22.31	22.28		
20	64QAM	1	0	21.90	22.39	22.43	22.32	22.43	23.5	2
20	64QAM	1	49	22.19	22.36	22.06	21.84	22.02		
20	64QAM	1	99	21.97	22.15	22.14	22.04	21.71		
20	64QAM	50	0	20.98	21.45	21.19	21.22	21.25	22.5	3
20	64QAM	50	24	20.94	21.42	21.11	21.23	21.26		
20	64QAM	50	50	21.17	21.32	21.26	21.25	21.22		
20	64QAM	100	0	20.98	21.36	21.30	21.26	21.16		
20	256QAM	1	0	19.53	19.56	19.70	19.55	19.60	20.5	5
20	256QAM	1	49	19.14	19.24	19.42	19.16	19.19		
20	256QAM	1	99	19.38	19.38	19.46	19.39	19.44		
20	256QAM	50	0	19.46	19.31	19.54	19.39	19.36	20.5	5
20	256QAM	50	24	19.52	19.51	19.64	19.53	19.48		
20	256QAM	50	50	19.34	19.50	19.47	19.41	19.42		
20	256QAM	100	0	19.62	19.49	19.51	19.50	19.37		
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	24.02	24.36	24.49	24.47	24.20	25.50	0
15	QPSK	1	37	24.20	24.38	24.04	24.11	24.34		
15	QPSK	1	74	23.77	24.27	24.12	24.01	24.09		
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27	24.5	1
15	QPSK	36	20	23.10	23.48	23.40	23.41	23.34		
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28		
15	QPSK	75	0	23.10	23.48	23.52	23.28	23.26		
15	16QAM	1	0	23.01	23.39	22.87	23.58	23.51	24.5	1
15	16QAM	1	37	23.11	23.19	23.51	23.40	23.26		
15	16QAM	1	74	22.74	23.11	23.51	23.11	23.30		
15	16QAM	36	0	21.99	22.43	22.27	22.38	22.34	23.5	2
15	16QAM	36	20	22.27	22.59	22.40	22.36	22.31		
15	16QAM	36	39	22.10	22.53	22.32	22.26	22.38		
15	16QAM	75	0	22.15	22.52	22.35	22.31	22.31		
15	64QAM	1	0	22.01	22.42	22.48	22.38	22.50	23.5	2
15	64QAM	1	37	22.26	22.42	22.17	21.91	22.07		
15	64QAM	1	74	21.99	22.22	22.19	22.15	21.76		
15	64QAM	36	0	21.03	21.46	21.27	21.33	21.29	22.5	3
15	64QAM	36	20	21.01	21.53	21.18	21.33	21.38		
15	64QAM	36	39	21.29	21.33	21.30	21.26	21.32		
15	64QAM	75	0	21.01	21.41	21.42	21.28	21.16		
15	256QAM	1	0	19.55	19.57	19.79	19.66	19.63	20.5	5
15	256QAM	1	37	19.17	19.32	19.48	19.17	19.20		
15	256QAM	1	74	19.46	19.42	19.57	19.47	19.52		
15	256QAM	36	0	19.53	19.31	19.55	19.47	19.50	20.5	5
15	256QAM	36	20	19.62	19.55	19.70	19.56	19.54		
15	256QAM	36	39	19.46	19.52	19.50	19.44	19.54		
15	256QAM	75	0	19.67	19.57	19.51	19.58	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.13	24.41	24.55	24.53	24.21	25.50	0
10	QPSK	1	25	24.26	24.40	24.09	24.13	24.40		
10	QPSK	1	49	23.81	24.35	24.16	24.08	24.18		
10	QPSK	25	0	23.17	23.56	23.58	23.37	23.31	24.5	1
10	QPSK	25	12	23.18	23.54	23.49	23.43	23.46		
10	QPSK	25	25	23.33	23.53	23.27	23.51	23.32		
10	QPSK	50	0	23.19	23.50	23.52	23.31	23.29		
10	16QAM	1	0	23.12	23.49	22.90	23.67	23.56	24.5	1
10	16QAM	1	25	23.22	23.20	23.61	23.41	23.29		
10	16QAM	1	49	22.81	23.18	23.61	23.20	23.38		
10	16QAM	25	0	22.05	22.47	22.33	22.49	22.42	23.5	2
10	16QAM	25	12	22.31	22.62	22.42	22.41	22.35		
10	16QAM	25	25	22.20	22.56	22.34	22.30	22.39		
10	16QAM	50	0	22.19	22.58	22.38	22.31	22.41		
10	64QAM	1	0	22.01	22.54	22.51	22.46	22.55	23.5	2
10	64QAM	1	25	22.32	22.43	22.17	22.00	22.13		
10	64QAM	1	49	21.99	22.24	22.31	22.20	21.77		
10	64QAM	25	0	21.07	21.47	21.32	21.42	21.32	22.5	3
10	64QAM	25	12	21.04	21.56	21.28	21.40	21.50		
10	64QAM	25	25	21.38	21.39	21.34	21.31	21.42		
10	64QAM	50	0	21.04	21.43	21.47	21.31	21.28		
10	256QAM	1	0	19.63	19.66	19.86	19.70	19.73	20.5	5
10	256QAM	1	25	19.23	19.41	19.48	19.23	19.27		
10	256QAM	1	49	19.53	19.54	19.66	19.54	19.58		
10	256QAM	25	0	19.55	19.34	19.59	19.49	19.54	20.5	5
10	256QAM	25	12	19.65	19.67	19.72	19.63	19.57		
10	256QAM	25	25	19.52	19.58	19.50	19.44	19.64		
10	256QAM	50	0	19.74	19.69	19.56	19.63	19.58		
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	24.03	24.46	24.51	24.51	24.29	25.50	0
5	QPSK	1	12	24.22	24.43	24.14	24.21	24.41		
5	QPSK	1	24	23.83	24.34	24.24	24.05	24.15		
5	QPSK	12	0	23.12	23.58	23.50	23.33	23.28	24.5	1
5	QPSK	12	7	23.21	23.59	23.47	23.44	23.42		
5	QPSK	12	13	23.35	23.46	23.34	23.49	23.40		
5	QPSK	25	0	23.12	23.50	23.53	23.31	23.37		
5	16QAM	1	0	23.06	23.47	22.97	23.60	23.57	24.5	1
5	16QAM	1	12	23.12	23.26	23.56	23.49	23.30		
5	16QAM	1	24	22.75	23.21	23.54	23.15	23.39		
5	16QAM	12	0	22.05	22.47	22.27	22.43	22.43	23.5	2
5	16QAM	12	7	22.37	22.61	22.46	22.48	22.40		
5	16QAM	12	13	22.11	22.60	22.32	22.35	22.50		
5	16QAM	25	0	22.25	22.56	22.35	22.38	22.36		
5	64QAM	1	0	22.03	22.51	22.51	22.42	22.52	23.5	2
5	64QAM	1	12	22.33	22.49	22.21	21.91	22.15		
5	64QAM	1	24	22.05	22.30	22.22	22.23	21.80		
5	64QAM	12	0	21.10	21.51	21.39	21.37	21.32	22.5	3
5	64QAM	12	7	21.07	21.60	21.22	21.33	21.49		
5	64QAM	12	13	21.32	21.41	21.41	21.27	21.36		
5	64QAM	25	0	21.13	21.45	21.50	21.38	21.17		
5	256QAM	1	0	19.60	19.68	19.88	19.67	19.64	20.5	5
5	256QAM	1	12	19.23	19.35	19.51	19.18	19.24		
5	256QAM	1	24	19.53	19.52	19.65	19.57	19.53		
5	256QAM	12	0	19.54	19.40	19.64	19.58	19.58	20.5	5
5	256QAM	12	7	19.74	19.60	19.76	19.60	19.60		
5	256QAM	12	13	19.47	19.60	19.60	19.51	19.62		
5	256QAM	25	0	19.79	19.67	19.51	19.61	19.55		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2546.5	2593	2639.5	2680		
20	QPSK	1	0	18.48	18.63	18.80	18.71	18.54	20	0
20	QPSK	1	49	18.36	18.65	18.68	18.77	18.60		
20	QPSK	1	99	18.43	18.53	18.71	18.77	18.59		
20	QPSK	50	0	18.39	18.66	18.77	18.70	18.50	20	0
20	QPSK	50	24	18.47	18.67	18.75	18.66	18.47		
20	QPSK	50	50	18.44	18.68	18.73	18.67	18.54		
20	QPSK	100	0	18.43	18.64	18.75	18.72	18.51		
20	16QAM	1	0	18.42	18.62	18.74	18.72	18.51	20	0
20	16QAM	1	49	18.42	18.63	18.76	18.63	18.48		
20	16QAM	1	99	18.48	18.65	18.69	18.73	18.59		
20	16QAM	50	0	18.42	18.64	18.71	18.69	18.45	20	0
20	16QAM	50	24	18.48	18.64	18.68	18.64	18.43		
20	16QAM	50	50	18.46	18.64	18.78	18.68	18.46		
20	16QAM	100	0	18.48	18.62	18.67	18.72	18.45		
20	64QAM	1	0	18.49	18.64	18.78	18.77	18.50	20	0
20	64QAM	1	49	18.44	18.63	18.77	18.73	18.41		
20	64QAM	1	99	18.38	18.66	18.80	18.74	18.48		
20	64QAM	50	0	18.44	18.66	18.70	18.69	18.41	20	0
20	64QAM	50	24	18.40	18.63	18.64	18.69	18.47		
20	64QAM	50	50	18.46	18.58	18.75	18.68	18.45		
20	64QAM	100	0	18.44	18.58	18.75	18.69	18.57		
20	256QAM	1	0	18.37	18.56	18.73	18.64	18.47	20	0
20	256QAM	1	49	18.42	18.65	18.72	18.58	18.40		
20	256QAM	1	99	18.33	18.50	18.74	18.67	18.48		
20	256QAM	50	0	18.38	18.59	18.74	18.64	18.52	20	0
20	256QAM	50	24	18.27	18.45	18.71	18.65	18.51		
20	256QAM	50	50	18.43	18.64	18.77	18.76	18.40		
20	256QAM	100	0	18.44	18.49	18.65	18.58	18.42		
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	18.35	18.61	18.74	18.67	18.45	20.00	0
15	QPSK	1	37	18.24	18.58	18.64	18.72	18.57		
15	QPSK	1	74	18.36	18.44	18.69	18.68	18.50		
15	QPSK	36	0	18.26	18.55	18.65	18.59	18.45	20	0
15	QPSK	36	20	18.44	18.55	18.70	18.53	18.40		
15	QPSK	36	39	18.33	18.60	18.65	18.57	18.44		
15	QPSK	75	0	18.39	18.62	18.65	18.67	18.38		
15	16QAM	1	0	18.35	18.53	18.65	18.65	18.42	20	0
15	16QAM	1	37	18.30	18.58	18.72	18.59	18.38		
15	16QAM	1	74	18.36	18.55	18.62	18.63	18.48		
15	16QAM	36	0	18.40	18.57	18.67	18.56	18.34	20	0
15	16QAM	36	20	18.37	18.59	18.55	18.54	18.36		
15	16QAM	36	39	18.35	18.53	18.72	18.60	18.40		
15	16QAM	75	0	18.39	18.49	18.55	18.62	18.35		
15	64QAM	1	0	18.43	18.51	18.74	18.71	18.40	20	0
15	64QAM	1	37	18.41	18.60	18.73	18.67	18.35		
15	64QAM	1	74	18.27	18.63	18.76	18.72	18.36		
15	64QAM	36	0	18.32	18.63	18.68	18.61	18.33	20	0
15	64QAM	36	20	18.27	18.57	18.59	18.63	18.45		
15	64QAM	36	39	18.34	18.52	18.70	18.66	18.36		
15	64QAM	75	0	18.41	18.54	18.65	18.60	18.55		
15	256QAM	1	0	18.28	18.50	18.67	18.58	18.43	20	0
15	256QAM	1	37	18.36	18.53	18.62	18.54	18.33		
15	256QAM	1	74	18.25	18.46	18.72	18.54	18.43		
15	256QAM	36	0	18.32	18.53	18.67	18.56	18.46	20	0
15	256QAM	36	20	18.20	18.33	18.62	18.62	18.44		
15	256QAM	36	39	18.31	18.57	18.70	18.63	18.27		
15	256QAM	75	0	18.39	18.36	18.62	18.54	18.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.46	18.57	18.77	18.59	18.41	20.00	0
10	QPSK	1	25	18.24	18.54	18.61	18.64	18.53		
10	QPSK	1	49	18.41	18.47	18.68	18.66	18.48		
10	QPSK	25	0	18.26	18.53	18.67	18.61	18.46	20	0
10	QPSK	25	12	18.36	18.62	18.73	18.63	18.36		
10	QPSK	25	25	18.42	18.63	18.62	18.62	18.42		
10	QPSK	50	0	18.38	18.58	18.65	18.61	18.41		
10	16QAM	1	0	18.37	18.60	18.68	18.64	18.49	20	0
10	16QAM	1	25	18.39	18.61	18.67	18.55	18.44		
10	16QAM	1	49	18.33	18.55	18.61	18.67	18.51		
10	16QAM	25	0	18.36	18.59	18.59	18.58	18.40	20	0
10	16QAM	25	12	18.42	18.61	18.55	18.53	18.36		
10	16QAM	25	25	18.41	18.62	18.70	18.64	18.43		
10	16QAM	50	0	18.41	18.54	18.58	18.64	18.39		
10	64QAM	1	0	18.47	18.57	18.65	18.67	18.48	20	0
10	64QAM	1	25	18.33	18.52	18.74	18.64	18.28		
10	64QAM	1	49	18.25	18.59	18.72	18.66	18.35		
10	64QAM	25	0	18.37	18.55	18.64	18.58	18.33	20	0
10	64QAM	25	12	18.33	18.53	18.55	18.58	18.38		
10	64QAM	25	25	18.39	18.49	18.66	18.60	18.35		
10	64QAM	50	0	18.39	18.49	18.62	18.67	18.53		
10	256QAM	1	0	18.33	18.51	18.67	18.57	18.45	20	0
10	256QAM	1	25	18.33	18.63	18.65	18.56	18.38		
10	256QAM	1	49	18.20	18.38	18.64	18.58	18.46		
10	256QAM	25	0	18.33	18.54	18.68	18.51	18.43	20	0
10	256QAM	25	12	18.18	18.36	18.68	18.55	18.40		
10	256QAM	25	25	18.41	18.57	18.71	18.64	18.36		
10	256QAM	50	0	18.36	18.47	18.52	18.54	18.39		
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	18.44	18.60	18.69	18.66	18.51	20.00	0
5	QPSK	1	12	18.30	18.55	18.55	18.69	18.58		
5	QPSK	1	24	18.35	18.43	18.58	18.67	18.54		
5	QPSK	12	0	18.33	18.56	18.75	18.64	18.41	20	0
5	QPSK	12	7	18.36	18.62	18.62	18.53	18.40		
5	QPSK	12	13	18.37	18.65	18.61	18.59	18.41		
5	QPSK	25	0	18.39	18.56	18.70	18.64	18.49		
5	16QAM	1	0	18.35	18.57	18.64	18.66	18.38	20	0
5	16QAM	1	12	18.32	18.55	18.74	18.60	18.35		
5	16QAM	1	24	18.42	18.60	18.58	18.66	18.54		
5	16QAM	12	0	18.29	18.59	18.62	18.67	18.36	20	0
5	16QAM	12	7	18.44	18.56	18.66	18.52	18.34		
5	16QAM	12	13	18.37	18.56	18.66	18.64	18.36		
5	16QAM	25	0	18.46	18.57	18.56	18.62	18.36		
5	64QAM	1	0	18.44	18.62	18.71	18.67	18.38	20	0
5	64QAM	1	12	18.42	18.57	18.73	18.68	18.29		
5	64QAM	1	24	18.32	18.62	18.74	18.68	18.37		
5	64QAM	12	0	18.35	18.57	18.63	18.59	18.37	20	0
5	64QAM	12	7	18.36	18.53	18.59	18.57	18.38		
5	64QAM	12	13	18.43	18.51	18.72	18.58	18.38		
5	64QAM	25	0	18.41	18.54	18.70	18.62	18.50		
5	256QAM	1	0	18.29	18.52	18.64	18.62	18.34	20	0
5	256QAM	1	12	18.30	18.58	18.63	18.53	18.30		
5	256QAM	1	24	18.28	18.40	18.63	18.57	18.41		
5	256QAM	12	0	18.32	18.53	18.66	18.58	18.45	20	0
5	256QAM	12	7	18.19	18.35	18.64	18.62	18.47		
5	256QAM	12	13	18.31	18.53	18.68	18.67	18.30		
5	256QAM	25	0	18.33	18.41	18.54	18.49	18.33		

Reduced DSI3 Power for CA&EN-DC LTE Main PA

Band 2_Ant 2

BW [MHz]	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	21.49	21.50	21.49		
20	QPSK	1	49	21.09	21.18	21.05	22.5	0
20	QPSK	1	99	20.97	21.12	20.94		
20	QPSK	50	0	21.31	21.37	21.14		
20	QPSK	50	24	21.21	21.27	21.15	22.5	0
20	QPSK	50	50	21.28	21.32	21.07		
20	QPSK	100	0	21.17	21.25	21.10		
20	16QAM	1	0	21.39	21.17	21.42		
20	16QAM	1	49	21.43	21.08	21.48	22.5	0
20	16QAM	1	99	21.12	21.47	21.29		
20	16QAM	50	0	20.95	20.97	21.07		
20	16QAM	50	24	21.02	21.07	21.12	22.5	0
20	16QAM	50	50	21.06	21.25	21.09		
20	16QAM	100	0	21.02	21.10	21.05		
20	64QAM	1	0	21.27	21.47	21.36		
20	64QAM	1	49	21.46	21.24	21.40	22.5	0
20	64QAM	1	99	20.92	21.29	21.16		
20	64QAM	50	0	21.02	21.16	21.02		
20	64QAM	50	24	21.18	20.96	21.09	22.5	0
20	64QAM	50	50	21.02	21.29	21.07		
20	64QAM	100	0	21.11	21.16	21.07		
20	256QAM	1	0	19.34	19.37	19.38		
20	256QAM	1	49	19.39	19.51	19.62	20.5	2
20	256QAM	1	99	19.32	19.35	19.50		
20	256QAM	50	0	19.30	19.32	19.27		
20	256QAM	50	24	19.26	19.08	19.23	20.5	2
20	256QAM	50	50	19.31	19.32	19.31		
20	256QAM	100	0	19.24	19.36	19.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.45	21.44	21.43		
15	QPSK	1	37	20.99	21.09	20.98	22.5	0
15	QPSK	1	74	20.84	21.01	20.82		
15	QPSK	36	0	21.18	21.29	21.11		
15	QPSK	36	20	21.14	21.22	21.06	22.5	0
15	QPSK	36	39	21.23	21.24	21.03		
15	QPSK	75	0	21.08	21.11	21.01		
15	16QAM	1	0	21.24	21.06	21.35		
15	16QAM	1	37	21.32	21.06	21.35	22.5	0
15	16QAM	1	74	21.02	21.42	21.25		
15	16QAM	36	0	20.92	20.93	21.04		
15	16QAM	36	20	21.08	21.03	21.08	22.5	0
15	16QAM	36	39	20.97	21.12	20.98		
15	16QAM	75	0	20.89	20.98	20.94		
15	64QAM	1	0	21.23	21.41	21.28		
15	64QAM	1	37	21.40	21.22	21.36	22.5	0
15	64QAM	1	74	20.86	21.19	21.11		
15	64QAM	36	0	20.98	21.16	20.96		
15	64QAM	36	20	21.11	20.90	21.02	22.5	0
15	64QAM	36	39	20.92	21.20	20.97		
15	64QAM	75	0	20.98	21.06	21.01		
15	256QAM	1	0	19.32	19.26	19.33		
15	256QAM	1	37	19.30	19.44	19.59	20.5	2
15	256QAM	1	74	19.22	19.28	19.48		
15	256QAM	36	0	19.18	19.19	19.21		
15	256QAM	36	20	19.16	19.04	19.18	20.5	2
15	256QAM	36	39	19.23	19.24	19.22		
15	256QAM	75	0	19.14	19.32	19.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.47	21.47	21.45		
10	QPSK	1	25	20.98	21.07	21.00	22.5	0
10	QPSK	1	49	20.86	21.08	20.88		
10	QPSK	25	0	21.22	21.32	21.06		
10	QPSK	25	12	21.10	21.23	21.02	22.5	0
10	QPSK	25	25	21.19	21.28	21.00		
10	QPSK	50	0	21.06	21.08	20.97		
10	16QAM	1	0	21.21	21.15	21.35		
10	16QAM	1	25	21.40	20.99	21.39	22.5	0
10	16QAM	1	49	21.01	21.43	21.18		
10	16QAM	25	0	20.85	20.88	21.03		
10	16QAM	25	12	20.96	21.05	20.99	22.5	0
10	16QAM	25	25	21.01	21.16	20.96		
10	16QAM	50	0	20.92	21.07	20.95		
10	64QAM	1	0	21.16	21.38	21.30		
10	64QAM	1	25	21.33	21.15	21.28	22.5	0
10	64QAM	1	49	20.84	21.26	21.07		
10	64QAM	25	0	21.00	21.07	20.98		
10	64QAM	25	12	21.13	20.92	20.97	22.5	0
10	64QAM	25	25	20.97	21.21	20.99		
10	64QAM	50	0	21.06	21.14	21.01		
10	256QAM	1	0	19.28	19.24	19.28		
10	256QAM	1	25	19.30	19.40	19.55	20.5	2
10	256QAM	1	49	19.30	19.32	19.38		
10	256QAM	25	0	19.21	19.21	19.19		
10	256QAM	25	12	19.21	19.02	19.16	20.5	2
10	256QAM	25	25	19.24	19.29	19.29		
10	256QAM	50	0	19.21	19.31	19.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.42	21.42	21.47		
5	QPSK	1	12	20.96	21.12	20.99	22.5	0
5	QPSK	1	24	20.85	21.03	20.82		
5	QPSK	12	0	21.29	21.25	21.08		
5	QPSK	12	7	21.15	21.22	21.04	22.5	0
5	QPSK	12	13	21.20	21.22	21.02		
5	QPSK	25	0	21.04	21.19	21.07		
5	16QAM	1	0	21.26	21.14	21.36		
5	16QAM	1	12	21.34	21.00	21.37	22.5	0
5	16QAM	1	24	21.07	21.45	21.26		
5	16QAM	12	0	20.85	20.86	21.05		
5	16QAM	12	7	20.94	21.00	21.05	22.5	0
5	16QAM	12	13	20.98	21.15	20.98		
5	16QAM	25	0	21.00	21.05	20.97		
5	64QAM	1	0	21.14	21.40	21.32		
5	64QAM	1	12	21.39	21.22	21.36	22.5	0
5	64QAM	1	24	20.84	21.16	21.11		
5	64QAM	12	0	20.89	21.16	20.91		
5	64QAM	12	7	21.16	20.86	21.03	22.5	0
5	64QAM	12	13	20.99	21.21	21.06		
5	64QAM	25	0	21.06	21.13	21.02		
5	256QAM	1	0	19.27	19.32	19.33		
5	256QAM	1	12	19.32	19.39	19.55	20.5	2
5	256QAM	1	24	19.24	19.33	19.40		
5	256QAM	12	0	19.17	19.23	19.15		
5	256QAM	12	7	19.24	19.04	19.21	20.5	2
5	256QAM	12	13	19.22	19.19	19.19		
5	256QAM	25	0	19.21	19.23	19.31		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.44	21.46		
3	QPSK	1	8	21.01	21.15	20.95	22.5	0
3	QPSK	1	14	20.89	21.10	20.92		
3	QPSK	8	0	21.23	21.26	21.10		
3	QPSK	8	4	21.14	21.15	21.12	22.5	0
3	QPSK	8	7	21.20	21.30	21.08		
3	QPSK	15	0	21.14	21.12	20.98		
3	16QAM	1	0	21.15	21.08	21.32		
3	16QAM	1	8	21.31	21.06	21.41	22.5	0
3	16QAM	1	14	21.09	21.36	21.27		
3	16QAM	8	0	20.86	20.94	20.94		
3	16QAM	8	4	20.96	20.96	21.07	22.5	0
3	16QAM	8	7	20.95	21.20	21.03		
3	16QAM	15	0	20.90	21.05	20.97		
3	64QAM	1	0	21.18	21.42	21.24		
3	64QAM	1	8	21.33	21.13	21.27	22.5	0
3	64QAM	1	14	20.81	21.26	21.04		
3	64QAM	8	0	20.91	21.16	20.89		
3	64QAM	8	4	21.08	20.86	21.04	22.5	0
3	64QAM	8	7	20.93	21.26	20.95		
3	64QAM	15	0	21.01	21.13	21.04		
3	256QAM	1	0	19.24	19.33	19.25		
3	256QAM	1	8	19.26	19.40	19.57	20.5	2
3	256QAM	1	14	19.28	19.26	19.42		
3	256QAM	8	0	19.18	19.24	19.22		
3	256QAM	8	4	19.23	18.99	19.12	20.5	2
3	256QAM	8	7	19.25	19.26	19.20		
3	256QAM	15	0	19.15	19.34	19.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.47	21.47		
1.4	QPSK	1	3	21.02	21.14	21.00		
1.4	QPSK	1	5	20.90	21.04	20.86	22.5	0
1.4	QPSK	3	0	21.24	21.25	21.01		
1.4	QPSK	3	1	21.17	21.23	21.06		
1.4	QPSK	3	3	21.25	21.19	20.94		
1.4	QPSK	6	0	21.07	21.15	21.07	22.5	0
1.4	16QAM	1	0	21.23	21.04	21.31		
1.4	16QAM	1	3	21.38	20.97	21.40		
1.4	16QAM	1	5	21.00	21.41	21.17	22.5	0
1.4	16QAM	3	0	20.90	20.92	21.01		
1.4	16QAM	3	1	20.97	21.03	21.06		
1.4	16QAM	3	3	20.95	21.14	21.06		
1.4	16QAM	6	0	20.98	20.99	20.96	22.5	0
1.4	64QAM	1	0	21.24	21.45	21.34		
1.4	64QAM	1	3	21.37	21.15	21.32		
1.4	64QAM	1	5	20.86	21.17	21.11	22.5	0
1.4	64QAM	3	0	21.00	21.05	20.94		
1.4	64QAM	3	1	21.14	20.88	21.00		
1.4	64QAM	3	3	20.98	21.24	21.04		
1.4	64QAM	6	0	21.01	21.08	21.01	22.5	0
1.4	256QAM	1	0	19.28	19.26	19.36		
1.4	256QAM	1	3	19.35	19.39	19.55		
1.4	256QAM	1	5	19.21	19.32	19.42	20.5	2
1.4	256QAM	3	0	19.24	19.21	19.17		
1.4	256QAM	3	1	19.13	19.03	19.19		
1.4	256QAM	3	3	19.26	19.20	19.29		
1.4	256QAM	6	0	19.13	19.33	19.36	20.5	2

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.21	20.26	20.22		
20	QPSK	1	49	20.10	20.18	20.23	21.5	0
20	QPSK	1	99	20.23	20.24	20.21		
20	QPSK	50	0	20.06	20.12	20.12		
20	QPSK	50	24	20.15	20.17	20.14	21.5	0
20	QPSK	50	50	20.19	20.18	20.08		
20	QPSK	100	0	20.06	20.12	20.11		
20	16QAM	1	0	20.26	20.25	20.38		
20	16QAM	1	49	20.18	20.24	20.25	21.5	0
20	16QAM	1	99	20.13	20.21	20.14		
20	16QAM	50	0	20.15	20.13	20.21		
20	16QAM	50	24	20.08	20.23	20.18	21.5	0
20	16QAM	50	50	20.13	20.13	20.24		
20	16QAM	100	0	20.04	20.12	20.14		
20	64QAM	1	0	20.13	20.13	20.13		
20	64QAM	1	49	20.15	20.18	20.06	21.5	0
20	64QAM	1	99	20.06	20.10	20.02		
20	64QAM	50	0	20.16	20.18	20.15		
20	64QAM	50	24	20.22	20.26	20.19	21.5	0
20	64QAM	50	50	20.15	20.24	20.24		
20	64QAM	100	0	20.13	20.17	20.04		
20	256QAM	1	0	19.32	19.35	19.35		
20	256QAM	1	49	19.48	19.63	19.55	20.5	1
20	256QAM	1	99	19.52	19.63	19.51		
20	256QAM	50	0	19.34	19.44	19.24		
20	256QAM	50	24	19.36	19.43	19.43	20.5	1
20	256QAM	50	50	19.39	19.44	19.35		
20	256QAM	100	0	19.29	19.44	19.33		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.15	20.24	20.15		
15	QPSK	1	37	20.04	20.12	20.21	21.5	0
15	QPSK	1	74	20.19	20.14	20.10		
15	QPSK	36	0	20.08	20.11	20.07		
15	QPSK	36	20	20.07	20.11	20.07	21.5	0
15	QPSK	36	39	20.07	20.08	19.97		
15	QPSK	75	0	19.96	20.08	19.99		
15	16QAM	1	0	20.13	20.15	20.15		
15	16QAM	1	37	20.05	20.20	20.13	21.5	0
15	16QAM	1	74	20.10	20.13	20.07		
15	16QAM	36	0	20.07	20.02	20.19		
15	16QAM	36	20	20.09	20.21	20.13	21.5	0
15	16QAM	36	39	20.09	20.06	20.14		
15	16QAM	75	0	20.00	20.05	20.09		
15	64QAM	1	0	20.03	20.12	20.07		
15	64QAM	1	37	20.07	20.23	20.03	21.5	0
15	64QAM	1	74	19.97	20.04	19.93		
15	64QAM	36	0	20.10	20.14	20.08		
15	64QAM	36	20	20.12	20.23	20.03	21.5	0
15	64QAM	36	39	20.11	20.12	20.15		
15	64QAM	75	0	20.08	20.10	19.95		
15	256QAM	1	0	19.30	19.24	19.22		
15	256QAM	1	37	19.38	19.56	19.50	20.5	1
15	256QAM	1	74	19.42	19.61	19.49		
15	256QAM	36	0	19.25	19.35	19.22		
15	256QAM	36	20	19.11	19.33	19.20	20.5	1
15	256QAM	36	39	19.34	19.35	19.25		
15	256QAM	75	0	19.16	19.40	19.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.17	20.17	20.17		
10	QPSK	1	25	20.05	20.14	20.14	21.5	0
10	QPSK	1	49	20.19	20.19	20.08		
10	QPSK	25	0	20.00	20.09	20.04		
10	QPSK	25	12	20.03	20.10	20.03	21.5	0
10	QPSK	25	25	20.17	20.07	20.05		
10	QPSK	50	0	19.93	20.00	20.01		
10	16QAM	1	0	20.22	20.16	20.07		
10	16QAM	1	25	20.13	20.19	20.13	21.5	0
10	16QAM	1	49	20.06	20.19	20.05		
10	16QAM	25	0	20.13	20.10	20.16		
10	16QAM	25	12	20.04	20.19	20.16	21.5	0
10	16QAM	25	25	20.08	20.16	20.12		
10	16QAM	50	0	19.94	20.05	20.12		
10	64QAM	1	0	20.03	20.14	20.05		
10	64QAM	1	25	20.05	20.13	19.96	21.5	0
10	64QAM	1	49	19.94	20.00	19.96		
10	64QAM	25	0	20.13	20.05	20.04		
10	64QAM	25	12	20.17	20.16	20.07	21.5	0
10	64QAM	25	25	20.12	20.19	20.18		
10	64QAM	50	0	20.05	20.11	19.99		
10	256QAM	1	0	19.24	19.30	19.28		
10	256QAM	1	25	19.45	19.56	19.48	20.5	1
10	256QAM	1	49	19.44	19.58	19.44		
10	256QAM	25	0	19.28	19.36	19.17		
10	256QAM	25	12	19.13	19.35	19.22	20.5	1
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.27	19.41	19.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.18	20.18	20.16		
5	QPSK	1	12	20.07	20.13	20.16	21.5	0
5	QPSK	1	24	20.14	20.19	20.16		
5	QPSK	12	0	20.07	20.09	20.08		
5	QPSK	12	7	20.03	20.10	20.02	21.5	0
5	QPSK	12	13	20.11	20.10	20.01		
5	QPSK	25	0	20.02	20.04	20.06		
5	16QAM	1	0	20.17	20.19	20.18		
5	16QAM	1	12	20.06	20.12	20.14	21.5	0
5	16QAM	1	24	20.01	20.11	20.12		
5	16QAM	12	0	20.09	20.02	20.08		
5	16QAM	12	7	20.02	20.10	20.16	21.5	0
5	16QAM	12	13	20.03	20.11	20.20		
5	16QAM	25	0	19.95	19.99	20.11		
5	64QAM	1	0	20.03	20.09	20.09		
5	64QAM	1	12	20.10	20.07	20.02	21.5	0
5	64QAM	1	24	19.98	20.00	20.00		
5	64QAM	12	0	20.11	20.07	20.04		
5	64QAM	12	7	20.11	20.21	20.02	21.5	0
5	64QAM	12	13	20.03	20.12	20.21		
5	64QAM	25	0	20.02	20.15	19.98		
5	256QAM	1	0	19.28	19.24	19.32		
5	256QAM	1	12	19.36	19.50	19.50	20.5	1
5	256QAM	1	24	19.30	19.40	19.40		
5	256QAM	12	0	19.30	19.40	19.22		
5	256QAM	12	7	19.15	19.30	19.27	20.5	1
5	256QAM	12	13	19.34	19.31	19.31		
5	256QAM	25	0	19.18	19.35	19.21		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.15	20.22	20.18		
3	QPSK	1	8	19.97	20.16	20.13	21.5	0
3	QPSK	1	14	20.19	20.14	20.18		
3	QPSK	8	0	20.11	20.11	20.00		
3	QPSK	8	4	20.10	20.09	20.04	21.5	0
3	QPSK	8	7	20.07	20.19	19.97		
3	QPSK	15	0	20.01	20.02	20.08		
3	16QAM	1	0	20.23	20.22	20.13		
3	16QAM	1	8	20.10	20.17	20.12	21.5	0
3	16QAM	1	14	20.08	20.08	20.02		
3	16QAM	8	0	20.10	20.02	20.12		
3	16QAM	8	4	20.01	20.10	20.12	21.5	0
3	16QAM	8	7	20.02	20.07	20.16		
3	16QAM	15	0	20.02	20.04	20.02		
3	64QAM	1	0	20.00	20.06	20.02		
3	64QAM	1	8	20.09	20.09	20.03	21.5	0
3	64QAM	1	14	20.01	19.98	19.91		
3	64QAM	8	0	20.12	20.15	20.09		
3	64QAM	8	4	20.13	20.13	19.98	21.5	0
3	64QAM	8	7	20.07	20.14	20.21		
3	64QAM	15	0	20.06	20.08	20.01		
3	256QAM	1	0	19.21	19.30	19.25		
3	256QAM	1	8	19.39	19.56	19.51	20.5	1
3	256QAM	1	14	19.41	19.58	19.40		
3	256QAM	8	0	19.31	19.16	19.20		
3	256QAM	8	4	19.12	19.27	19.22	20.5	1
3	256QAM	8	7	19.26	19.35	19.29		
3	256QAM	15	0	19.18	19.34	19.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.16	20.23	20.14		
1.4	QPSK	1	3	19.98	20.16	20.16		
1.4	QPSK	1	5	20.12	20.16	20.15	21.5	0
1.4	QPSK	3	0	20.08	20.16	20.07		
1.4	QPSK	3	1	20.05	20.06	20.09		
1.4	QPSK	3	3	20.15	20.11	19.98		
1.4	QPSK	6	0	20.08	20.13	20.14	21.5	0
1.4	16QAM	1	0	20.12	20.20	20.15		
1.4	16QAM	1	3	20.10	20.15	20.21		
1.4	16QAM	1	5	20.05	20.19	20.03	21.5	0
1.4	16QAM	3	0	20.11	20.10	20.14		
1.4	16QAM	3	1	20.06	20.10	20.12		
1.4	16QAM	3	3	20.08	20.07	20.16		
1.4	16QAM	6	0	19.93	20.08	20.09	21.5	0
1.4	64QAM	1	0	20.02	20.13	20.01		
1.4	64QAM	1	3	20.06	20.05	20.02		
1.4	64QAM	1	5	20.01	19.97	19.96	21.5	0
1.4	64QAM	3	0	20.08	20.13	20.02		
1.4	64QAM	3	1	20.20	20.12	20.04		
1.4	64QAM	3	3	20.09	20.22	20.19		
1.4	64QAM	6	0	20.01	20.10	19.98	21.5	0
1.4	256QAM	1	0	19.25	19.27	19.32		
1.4	256QAM	1	3	19.35	19.53	19.50		
1.4	256QAM	1	5	19.40	19.60	19.38	20.5	1
1.4	256QAM	3	0	19.32	19.33	19.11		
1.4	256QAM	3	1	19.11	19.28	19.26		
1.4	256QAM	3	3	19.27	19.32	19.22		
1.4	256QAM	6	0	19.23	19.41	19.30	20.5	1

Band 4_Ant 2

BW [MHz]	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	19.05	19.16	19.05		
20	QPSK	1	49	19.05	18.96	19	20	0
20	QPSK	1	99	19.09	19.07	19.01		
20	QPSK	50	0	18.96	18.94	18.99		
20	QPSK	50	24	18.85	19.06	19.05	20	0
20	QPSK	50	50	18.96	18.97	19.03		
20	QPSK	100	0	18.93	19.02	18.95		
20	16QAM	1	0	18.88	18.94	19.01		
20	16QAM	1	49	18.83	18.86	18.77	20	0
20	16QAM

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24		
10	16QAM	25	12	22.21	22.32	22.31	23.5	2
10	16QAM	25	25	22.12	22.32	22.21		
10	16QAM	50	0	22.26	22.21	22.30		
10	64QAM	1	0	22.98	22.36	22.65		
10	64QAM	1	25	22.29	22.31	22.23	23.5	2
10	64QAM	1	49	22.17	22.38	22.21		
10	64QAM	25	0	21.24	21.20	21.21		
10	64QAM	25	12	21.14	21.27	21.39	22.5	3
10	64QAM	25	25	21.18	21.26	21.44		
10	64QAM	50	0	21.17	21.18	21.26		
10	256QAM	1	0	19.51	19.57	19.51		
10	256QAM	1	25	19.47	19.56	19.52	20.5	5
10	256QAM	1	49	19.37	19.53	19.41		
10	256QAM	25	0	19.42	19.50	19.39		
10	256QAM	25	12	19.40	19.46	19.37	20.5	5
10	256QAM	25	25	19.37	19.55	19.42		
10	256QAM	50	0	19.38	19.40	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.31	24.23	24.29		
5	QPSK	1	12	24.13	24.22	24.14	25.5	0
5	QPSK	1	24	24.13	24.18	24.18		
5	QPSK	12	0	23.18	23.31	23.14		
5	QPSK	12	7	23.10	23.11	23.22	24.5	1
5	QPSK	12	13	23.21	23.07	23.11		
5	QPSK	25	0	23.13	23.24	23.24		
5	16QAM	1	0	23.52	23.50	23.40		
5	16QAM	1	12	23.61	23.56	23.39	24.5	1
5	16QAM	1	24	23.42	23.51	23.38		
5	16QAM	12	0	22.25	22.14	22.11		
5	16QAM	12	7	22.09	22.19	22.26	23.5	2
5	16QAM	12	13	22.09	22.25	22.13		
5	16QAM	25	0	22.22	22.14	22.22		
5	64QAM	1	0	22.83	22.27	22.53		
5	64QAM	1	12	22.16	22.16	22.22	23.5	2
5	64QAM	1	24	22.03	22.26	22.08		
5	64QAM	12	0	21.15	21.16	21.12		
5	64QAM	12	7	21.03	21.19	21.33	22.5	3
5	64QAM	12	13	21.08	21.11	21.36		
5	64QAM	25	0	21.09	21.10	21.22		
5	256QAM	1	0	19.42	19.41	19.40		
5	256QAM	1	12	19.34	19.49	19.44	20.5	5
5	256QAM	1	24	19.25	19.38	19.32		
5	256QAM	12	0	19.33	19.32	19.23		
5	256QAM	12	7	19.31	19.36	19.26	20.5	5
5	256QAM	12	13	19.27	19.34	19.30		
5	256QAM	25	0	19.28	19.33	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.31	24.21		
3	QPSK	1	8	24.13	24.15	24.16	25.5	0
3	QPSK	1	14	24.10	24.09	24.15		
3	QPSK	8	0	23.07	23.23	23.09		
3	QPSK	8	4	23.17	23.09	23.16	24.5	1
3	QPSK	8	7	23.17	23.11	23.08		
3	QPSK	15	0	23.22	23.24	23.27		
3	16QAM	1	0	23.59	23.50	23.42		
3	16QAM	1	8	23.64	23.58	23.40	24.5	1
3	16QAM	1	14	23.41	23.62	23.31		
3	16QAM	8	0	22.15	22.14	22.16		
3	16QAM	8	4	22.05	22.24	22.16	23.5	2
3	16QAM	8	7	22.06	22.26	22.14		
3	16QAM	15	0	22.15	22.15	22.25		
3	64QAM	1	0	22.94	22.20	22.56		
3	64QAM	1	8	22.26	22.20	22.15	23.5	2
3	64QAM	1	14	22.04	22.34	22.10		
3	64QAM	8	0	21.18	21.17	21.16		
3	64QAM	8	4	20.99	21.22	21.27	22.5	3
3	64QAM	8	7	21.07	21.23	21.35		
3	64QAM	15	0	21.04	21.11	21.12		
3	256QAM	1	0	19.33	19.42	19.45		
3	256QAM	1	8	19.42	19.44	19.36	20.5	5
3	256QAM	1	14	19.23	19.42	19.33		
3	256QAM	8	0	19.34	19.44	19.25		
3	256QAM	8	4	19.25	19.32	19.27	20.5	5
3	256QAM	8	7	19.22	19.38	19.34		
3	256QAM	15	0	19.23	19.27	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.28	24.24		
1.4	QPSK	1	3	24.05	24.14	24.05		
1.4	QPSK	1	5	24.12	24.20	24.15	25.5	0
1.4	QPSK	3	0	24.11	24.19	24.08		
1.4	QPSK	3	1	23.85	24.06	23.93		
1.4	QPSK	3	3	23.96	24.06	24.12		
1.4	QPSK	6	0	23.14	23.27	23.22	24.5	1
1.4	16QAM	1	0	23.58	23.47	23.46		
1.4	16QAM	1	3	23.56	23.66	23.43		
1.4	16QAM	1	5	23.44	23.51	23.33	24.5	1
1.4	16QAM	3	0	23.47	23.32	23.35		
1.4	16QAM	3	1	23.47	23.54	23.33		
1.4	16QAM	3	3	23.30	23.32	23.24		
1.4	16QAM	6	0	22.19	22.03	22.18	23.5	2
1.4	64QAM	1	0	22.88	22.24	22.53		
1.4	64QAM	1	3	22.18	22.16	22.20		
1.4	64QAM	1	5	22.03	22.29	22.11	23.5	2
1.4	64QAM	3	0	22.72	22.19	22.45		
1.4	64QAM	3	1	22.08	22.05	22.13		
1.4	64QAM	3	3	21.86	22.00	22.06		
1.4	64QAM	6	0	21.06	21.05	21.17	22.5	3
1.4	256QAM	1	0	19.36	19.45	19.35		
1.4	256QAM	1	3	19.40	19.48	19.39		
1.4	256QAM	1	5	19.26	19.39	19.24		
1.4	256QAM	3	0	19.29	19.43	19.27	20.5	5
1.4	256QAM	3	1	19.26	19.32	19.23		
1.4	256QAM	3	3	19.30	19.39	19.25		
1.4	256QAM	6	0	19.31	19.29	19.28	20.5	5

Band 5_Ant 1

BW [MHz]	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	24.01	24.21	24.13		
10	QPSK	1	25	24.03	24.15	24.01	25.5	0
10	QPSK	1	49	24.04	24.02	24.02		
10	QPSK	25	0	23.10	23.28	23.08		
10	QPSK	25	12	23.04	23.08	23.17	24.5	1
10	QPSK	25	25	23.08	23.16	23.18		
10	QPSK	50	0	23.09	23.18	23.15		
10	16QAM	1	0	23.36	23.21	23.53		
10	16QAM	1	25	23.24	23.69	23.32	24.5	1
10	16QAM	1	49	23.43	23.67	23.69		
10	16QAM	25	0	22.05	22.06	22.16		
10	16QAM	25	12	22.03	22.11	22.21	23.5	2
10	16QAM	25	25	22.04	22.14	22.19		
10	16QAM	50	0	22.16	22.10	22.25		
10	64QAM	1	0	22.07	22.26	22.06		
10	64QAM	1	25	22.67	22.41	22.14	23.5	2
10	64QAM	1	49	22.35	22.27	22.04		
10	64QAM	25	0	21.09	21.05	21.29		
10	64QAM	25	12	21.11	21.18	21.34	22.5	3
10	64QAM	25	25	21.11	21.09	21.26		
10	64QAM	50	0	21.15	21.09	21.19		
10	256QAM	1	0	19.41	19.53	19.44		
10	256QAM	1	25	19.23	19.40	19.20	20.5	5
10	256QAM	1	49	19.35	19.45	19.39		
10	256QAM	25	0	19.18	19.28	19.24		
10	256QAM	25	12	19.30	19.44	19.39	20.5	5
10	256QAM	25	25	19.28	19.47	19.36		
10	256QAM	50	0	19.37	19.43	19.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.12	24.08		
5	QPSK	1	12	24.13	24.11	24.09	25.5	0
5	QPSK	1	24	24.09	24.06	24.05		
5	QPSK	12	0	23.16	23.22	23.05		
5	QPSK	12	7	23.09	23.04	23.13	24.5	1
5	QPSK	12	13	23.07	23.05	23.07		
5	QPSK	25	0	23.02	23.12	23.04		
5	16QAM	1	0	23.30	23.07	23.43		
5	16QAM	1	12	23.10	23.59	23.28	24.5	1
5	16QAM	1	24	23.33	23.61	23.60		
5	16QAM	12	0	22.02	22.01	22.14		
5	16QAM	12	7	22.05	22.07	22.25	23.5	2
5	16QAM	12	13	22.01	22.14	22.19		
5	16QAM	25	0	22.09	22.03	22.23		
5	64QAM	1	0	22.04	22.08	22.07		
5	64QAM	1	12	22.60	22.14	22.10	23.5	2
5	64QAM	1	24	22.27	22.07	22.07		
5	64QAM	12	0	21.09	21.21	21.22		
5	64QAM	12	7	21.00	21.11	21.33	22.5	3
5	64QAM	12	13	21.02	21.06	21.13		
5	64QAM	25	0	21.01	21.06	21.08		
5	256QAM	1	0	19.34	19.50	19.39		
5	256QAM	1	12	19.10	19.32	19.15	20.5	5
5	256QAM	1	24	19.18	19.33	19.28		
5	256QAM	12	0	19.04	19.15	19.09		
5	256QAM	12	7	19.23	19.31	19.34	20.5	5
5	256QAM	12	13	19.19	19.36	19.23		
5	256QAM	25	0	19.29	19.33	19.28		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.03	24.14	24.12		
3	QPSK	1	8	24.07	24.13	24.11	25.5	0
3	QPSK	1	14	24.04	24.07	24.09		
3	QPSK	8	0	23.07	23.36	23.11		
3	QPSK	8	4	23.02	23.06	23.11	24.5	1
3	QPSK	8	7	23.07	23.14	23.22		
3	QPSK	15	0	23.06	23.25	23.18		
3	16QAM	1	0	23.28	23.14	23.44		
3	16QAM	1	8	23.10	23.58	23.24	24.5	1
3	16QAM	1	14	23.37	23.55	23.59		
3	16QAM	8	0	22.00	22.03	22.08		
3	16QAM	8	4	22.04	22.05	22.10	23.5	2
3	16QAM	8	7	22.07	22.12	22.13		
3	16QAM	15	0	22.13	22.09	22.15		
3	64QAM	1	0	22.03	22.03	22.08		
3	64QAM	1	8	22.51	22.16	22.11	23.5	2
3	64QAM	1	14	22.13	22.04	22.05		
3	64QAM	8	0	21.15	21.10	21.04		
3	64QAM	8	4	21.08	21.11	21.17	22.5	3
3	64QAM	8	7	21.09	21.09	21.16		
3	64QAM	15	0	21.01	21.03	21.05		
3	256QAM	1	0	19.30	19.46	19.37		
3	256QAM	1	8	19.19	19.22	19.11	20.5	5
3	256QAM	1	14	19.20	19.34	19.34		
3	256QAM	8	0	19.04	19.17	19.19		
3	256QAM	8	4	19.22	19.36	19.32	20.5	5
3	256QAM	8	7	19.22	19.42	19.21		
3	256QAM	15	0	19.31	19.34	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.04	24.13	24.16		
1.4	QPSK	1	3	24.06	24.15	24.10		
1.4	QPSK	1	5	24.06	24.05	24.17	25.5	0
1.4	QPSK	3	0	24.05	24.17	24.14		
1.4	QPSK	3	1	24.02	24.10	24.08		
1.4	QPSK	3	3	24.08	24.02	24.06		
1.4	QPSK	6	0	23.19	23.18	23.13	24.5	1
1.4	16QAM	1	0	23.36	23.19	23.49		
1.4	16QAM	1	3	23.17	23.74	23.25		
1.4	16QAM	1	5	23.45	23.74	23.69	24.5	1
1.4	16QAM	3	0	23.27	23.07	23.39		
1.4	16QAM	3	1	23.09	23.64	23.10		
1.4	16QAM	3	3	23.30	23.23	23.66		
1.4	16QAM	6	0	22.20	22.02	22.23	23.5	2
1.4	64QAM	1	0	22.09	22.16	22.06		
1.4	64QAM	1	3	22.54	22.21	22.18		
1.4	64QAM	1	5	22.36	22.14	22.26	23.5	2
1.4	64QAM	3	0	22.07	22.06	22.09		
1.4	64QAM	3	1	22.52	22.12	22.06		
1.4	64QAM	3	3	22.12	22.00	22.09		
1.4	64QAM	6	0	21.07	21.02	21.08	22.5	3
1.4	256QAM	1	0	19.33	19.44	19.38		
1.4	256QAM	1	3	19.17	19.29	19.15		
1.4	256QAM	1	5	19.19	19.43	19.26	20.5	5
1.4	256QAM	3	0	18.99	19.18	19.18		
1.4	256QAM	3	1	19.23	19.39	19.31		
1.4	256QAM	3	3	19.21	19.30	19.28		
1.4	256QAM	6	0	19.27	19.31	19.36	20.5	5

Band 7_Ant 0

BW [MHz]	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	21.1	21.37	21.28		
20	QPSK	1	49	21	21.24	21.33	22.5	0
20	QPSK	1	99	21.01	21.18	21.14		
20	QPSK	50	0	20.62	20.84	20.8		
20	QPSK	50	24	20.58	20.76	20.83	22	0.5
20	QPSK	50	50	20.7	20.81	20.72		
20	QPSK	100	0	20.51	20.81	20.7		
20	16QAM	1	0	20.8	20.27	20.71		
20	16QAM	1	49	21.01	20.7	20.83	22	0.5
20	16QAM	1	99	20.89	21.16	20.93		
20	16QAM	50	0	19.58	19.7	19.68		
20	16QAM	50	24	19.53	19.83	19.83	21	1.5
20	16QAM	50	50	19.73	19.79	19.85		
20	16QAM	100	0	19.61	19.8	19.74		
20	64QAM	1	0	19.23	19.9	20.27		
20	64QAM	1	49	19.9	19.74	20.03	21	1.5
20	64QAM	1	99	20.02	19.87	20.03		
20	64QAM	50	0	18.59	18.7	18.69		
20	64QAM	50	24	18.58	18.79	18.78	20	2.5
20	64QAM	50	50	18.54	18.83	18.7		
20	64QAM	100	0	18.59	18.7	18.81		
20	256QAM	1	0	16.83	16.94	16.77		
20	256QAM	1	49	16.76	16.86	16.65	18	4.5
20	256QAM	1	99	16.84	16.86	16.84		
20	256QAM	50	0	16.55	16.71	16.57		
20	256QAM	50	24	16.66	16.71	16.67	18	4.5
20	256QAM	50	50	16.71	16.83	16.72		
20	256QAM	100	0	16.72	16.74	16.68		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.08	21.33	21.23		
15	QPSK	1	37	20.95	21.16	21.31	22.5	0
15	QPSK	1	74	20.96	21.14	21.01		
15	QPSK	36	0	20.5	20.81	20.73		
15	QPSK	36	20	20.49	20.66	20.78	22	0.5
15	QPSK	36	39	20.66	20.68	20.59		
15	QPSK	75	0	20.43	20.73	20.67		
15	16QAM	1	0	20.77	20.2	20.63		
15	16QAM	1	37	20.98	20.65	20.77	22	0.5
15	16QAM	1	74	20.79	21.09	20.84		
15	16QAM	36	0	19.5	19.65	19.57		
15	16QAM	36	20	19.49	19.7	19.74	21	1.5
15	16QAM	36	39	19.67	19.75	19.77		
15	16QAM	75	0	19.58	19.77	19.71		
15	64QAM	1	0	19.21	19.86	20.24		
15	64QAM	1	37	19.84	19.66	19.95	21	1.5
15	64QAM	1	74	19.99	19.81	19.92		
15	64QAM	36	0	18.46	18.65	18.59		
15	64QAM	36	20	18.52	18.76	18.76	20	2.5
15	64QAM	36	39	18.42	18.81	18.61		
15	64QAM	75	0	18.5	18.66	18.73		
15	256QAM	1	0	16.80	16.89	16.72		
15	256QAM	1	37	16.66	16.82	16.54	18	4.5
15	256QAM	1	74	16.81	16.84	16.73		
15	256QAM	36	0	16.45	16.61	16.47		
15	256QAM	36	20	16.48	16.59	16.56	18	4.5
15	256QAM	36	39	16.60	16.77	16.59		
15	256QAM	75	0	16.63	16.62	16.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.03	21.29	21.23		
10	QPSK	1	25	20.98	21.21	21.27	22.5	0
10	QPSK	1	49	20.97	21.09	21.1		
10	QPSK	25	0	20.52	20.74	20.71		
10	QPSK	25	12	20.48	20.67	20.72	22	0.5
10	QPSK	25	25	20.66	20.74	20.61		
10	QPSK	50	0	20.49	20.68	20.57		
10	16QAM	1	0	20.68	20.22	20.6		
10	16QAM	1	25	20.97	20.81	20.7	22	0.5
10	16QAM	1	49	20.84	21.08	20.83		
10	16QAM	25	0	19.51	19.67	19.58		
10	16QAM	25	12	19.5	19.78	19.74	21	1.5
10	16QAM	25	25	19.52	19.67	19.64		
10	16QAM	50	0	19.52	19.67	19.64		
10	64QAM	1	0	19.1	19.84	20.15		
10	64QAM	1	25	19.86	19.61	19.97	21	1.5
10	64QAM	1	49	19.89	19.83	19.98		
10	64QAM	25	0	18.5	18.64	18.58		
10	64QAM	25	12	18.47	18.74	18.74	20	2.5
10	64QAM	25	25	18.44	18.77	18.54		
10	64QAM	50	0	18.53	18.59	18.69		
10	256QAM	1	0	16.77	16.87	16.65		
10	256QAM	1	25	16.65	16.78	16.59	18	4.5
10	256QAM	1	49	16.72	16.85	16.74		
10	256QAM	25	0	16.43	16.65	16.44		
10	256QAM	25	12	16.58	16.69	16.62	18	4.5
10	256QAM	25	25	16.62	16.80	16.59		
10	256QAM	50	0	16.61	16.67	16.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.02	21.29	21.21		
5	QPSK	1	12	20.97	21.22	21.28	22.5	0
5	QPSK	1	24	20.93	21.06	21.06		
5	QPSK	12	0	20.58	20.8	20.72		
5	QPSK	12	7	20.51	20.68	20.8	22	0.5
5	QPSK	12	13	20.58	20.69	20.62		
5	QPSK	25	0	20.46	20.72	20.6		
5	16QAM	1	0	20.67	20.14	20.64		
5	16QAM	1	12	20.97	21.06	20.8	22	0.5
5	16QAM	1	24	20.87	21.07	20.88		
5	16QAM	12	0	19.46	19.59	19.56		
5	16QAM	12	7	19.4	19.76	19.73	21	1.5
5	16QAM	12	13	19.62	19.78	19.73		
5	16QAM	25	0	19.57	19.73	19.71		
5	64QAM	1	0	19.19	19.87	20.22		
5	64QAM	1	12	19.84	19.72	19.98	21	1.5
5	64QAM	1	24	19.95	19.82	19.96		
5	64QAM	12	0	18.47	18.67	18.59		
5	64QAM	12	7	18.53	18.7	18.7	20	2.5
5	64QAM	12	13	18.44	18.63	18.59		
5	64QAM	25	0	18.53	18.6	18.69		
5	256QAM	1	0	16.74	16.81	16.70		
5	256QAM	1	12	16.65	16.73	16.52	18	4.5
5	256QAM	1	24	16.77	16.81	16.76		
5	256QAM	12	0	16.48	16.63	16.52		
5	256QAM	12	7	16.51	16.66	16.62	18	4.5
5	256QAM	12	13	16.69	16.71	16.68		
5	256QAM	25	0	16.64	16.69	16.66		

Band 7_Ant 1

BW [MHz]	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	19.85	19.86	19.78		
20	QPSK	1	49	19.82	19.81	19.75	21	0
20	QPSK	1	99	19.72	19.75	19.63		
20	QPSK	50	0	19.7	19.84	19.64		
20	QPSK	50	24	19.82	19.83	19.77	21	0
20	QPSK	50	50	19.78	19.82	19.72		
20	QPSK	100	0	19.8	19.82	19.78		
20	16QAM	1	0	19.8	19.74	19.7

Band 7_Ant 2

BW [MHz]	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	21.59	21.78	21.54		
20	QPSK	1	49	21.61	21.62	21.57	22.5	0
20	QPSK	1	99	21.57	21.63	21.51		
20	QPSK	50	0	21.6	21.73	21.51		
20	QPSK	50	24	21.58	21.63	21.54	22.5	0
20	QPSK	50	50	21.54	21.66	21.56		
20	QPSK	100	0	21.55	21.68	21.54		
20	16QAM	1	0	21.61	21.69	21.58		
20	16QAM	1	49	21.6	21.64	21.55	22.5	0
20	16QAM	1	99	21.56	21.67	21.52		
20	16QAM	50	0	21.58	21.64	21.52		
20	16QAM	50	24	21.57	21.67	21.56	22.5	0
20	16QAM	50	50	21.58	21.65	21.58		
20	16QAM	100	0	21.59	21.68	21.53		
20	64QAM	1	0	21.59	21.67	21.58		
20	64QAM	1	49	21.6	21.62	21.51	22.5	0
20	64QAM	1	99	21.61	21.62	21.57		
20	64QAM	50	0	21.55	21.63	21.52		
20	64QAM	50	24	21.55	21.69	21.52	22.5	0
20	64QAM	50	50	21.54	21.66	21.51		
20	64QAM	100	0	21.54	21.65	21.51		
20	256QAM	1	0	19.56	19.68	19.48		
20	256QAM	1	49	19.72	19.92	19.75	20.5	2
20	256QAM	1	99	19.53	19.59	19.59		
20	256QAM	50	0	19.35	19.55	19.44		
20	256QAM	50	24	19.53	19.61	19.53	20.5	2
20	256QAM	50	50	19.63	19.69	19.50		
20	256QAM	100	0	19.51	19.55	19.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.51	21.75	21.52		
15	QPSK	1	37	21.57	21.53	21.55	22.5	0
15	QPSK	1	74	21.5	21.5	21.48		
15	QPSK	36	0	21.47	21.64	21.47		
15	QPSK	36	20	21.52	21.57	21.47		
15	QPSK	36	39	21.42	21.6	21.52	22.5	0
15	QPSK	75	0	21.46	21.55	21.51		
15	16QAM	1	0	21.51	21.56	21.45		
15	16QAM	1	37	21.53	21.52	21.48	22.5	0
15	16QAM	1	74	21.54	21.55	21.43		
15	16QAM	36	0	21.54	21.55	21.47		
15	16QAM	36	20	21.44	21.61	21.49	22.5	0
15	16QAM	36	39	21.5	21.61	21.51		
15	16QAM	75	0	21.57	21.61	21.5		
15	64QAM	1	0	21.56	21.62	21.53		
15	64QAM	1	37	21.57	21.55	21.49	22.5	0
15	64QAM	1	74	21.49	21.53	21.53		
15	64QAM	36	0	21.47	21.57	21.49		
15	64QAM	36	20	21.54	21.67	21.45	22.5	0
15	64QAM	36	39	21.51	21.61	21.46		
15	64QAM	75	0	21.44	21.53	21.48		
15	256QAM	1	0	19.47	19.56	19.46		
15	256QAM	1	37	19.64	19.90	19.69	20.5	2
15	256QAM	1	74	19.48	19.52	19.56		
15	256QAM	36	0	19.29	19.49	19.36		
15	256QAM	36	20	19.49	19.57	19.40	20.5	2
15	256QAM	36	39	19.59	19.63	19.38		
15	256QAM	75	0	19.49	19.49	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.75	21.48		
10	QPSK	1	25	21.51	21.5	21.52	22.5	0
10	QPSK	1	49	21.49	21.54	21.39		
10	QPSK	25	0	21.56	21.68	21.47		
10	QPSK	25	12	21.51	21.59	21.44	22.5	0
10	QPSK	25	25	21.52	21.53	21.52		
10	QPSK	50	0	21.42	21.64	21.49		
10	16QAM	1	0	21.5	21.57	21.5		
10	16QAM	1	25	21.47	21.52	21.5	22.5	0
10	16QAM	1	49	21.44	21.64	21.47		
10	16QAM	25	0	21.52	21.58	21.4		
10	16QAM	25	12	21.55	21.65	21.49	22.5	0
10	16QAM	25	25	21.45	21.54	21.53		
10	16QAM	50	0	21.53	21.62	21.42		
10	64QAM	1	0	21.56	21.57	21.47		
10	64QAM	1	25	21.47	21.55	21.46	22.5	0
10	64QAM	1	49	21.59	21.53	21.51		
10	64QAM	25	0	21.52	21.61	21.42		
10	64QAM	25	12	21.5	21.63	21.44	22.5	0
10	64QAM	25	25	21.47	21.62	21.49		
10	64QAM	50	0	21.44	21.57	21.4		
10	256QAM	1	0	19.50	19.59	19.45		
10	256QAM	1	25	19.69	19.81	19.73	20.5	2
10	256QAM	1	49	19.46	19.49	19.55		
10	256QAM	25	0	19.24	19.51	19.32		
10	256QAM	25	12	19.47	19.56	19.45	20.5	2
10	256QAM	25	25	19.53	19.60	19.44		
10	256QAM	50	0	19.40	19.47	19.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.53	21.75	21.46		
5	QPSK	1	12	21.54	21.56	21.46	22.5	0
5	QPSK	1	24	21.53	21.59	21.39		
5	QPSK	12	0	21.56	21.69	21.43		
5	QPSK	12	7	21.55	21.61	21.52	22.5	0
5	QPSK	12	13	21.49	21.56	21.52		
5	QPSK	25	0	21.42	21.58	21.48		
5	16QAM	1	0	21.51	21.62	21.48		
5	16QAM	1	12	21.52	21.62	21.48	22.5	0
5	16QAM	1	24	21.5	21.59	21.47		
5	16QAM	12	0	21.48	21.58	21.5		
5	16QAM	12	7	21.45	21.55	21.47	22.5	0
5	16QAM	12	13	21.49	21.62	21.56		
5	16QAM	25	0	21.56	21.58	21.48		
5	64QAM	1	0	21.48	21.63	21.53		
5	64QAM	1	12	21.55	21.5	21.39	22.5	0
5	64QAM	1	24	21.58	21.58	21.48		
5	64QAM	12	0	21.46	21.58	21.42		
5	64QAM	12	7	21.42	21.58	21.4	22.5	0
5	64QAM	12	13	21.47	21.6	21.46		
5	64QAM	25	0	21.46	21.54	21.43		
5	256QAM	1	0	19.43	19.58	19.43		
5	256QAM	1	12	19.66	19.90	19.82	20.5	2
5	256QAM	1	24	19.49	19.47	19.47		
5	256QAM	12	0	19.24	19.42	19.40		
5	256QAM	12	7	19.42	19.53	19.44	20.5	2
5	256QAM	12	13	19.56	19.57	19.42		
5	256QAM	25	0	19.40	19.42	19.34		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.21	21.25	21.21		
20	QPSK	1	49	21.08	21.20	21.06	22.2	0
20	QPSK	1	99	21.01	21.16	21.04		
20	QPSK	50	0	20.85	21.00	20.87		
20	QPSK	50	24	20.80	20.90	20.83	22.2	0
20	QPSK	50	50	20.73	20.95	20.92		
20	QPSK	100	0	20.96	21.05	20.91		
20	16QAM	1	0	21.21	21.22	21.18		
20	16QAM	1	49	21.06	21.11	20.94	22.2	0
20	16QAM	1	99	21.04	21.18	21.10		
20	16QAM	50	0	20.95	21.09	20.89		
20	16QAM	50	24	20.82	20.95	20.91	22.2	0
20	16QAM	50	50	20.71	20.92	20.81		
20	16QAM	100	0	20.82	20.96	20.79		
20	64QAM	1	0	21.08	21.20	21.03		
20	64QAM	1	49	21.14	21.22	21.20	22.2	0
20	64QAM	1	99	21.07	21.07	21.09		
20	64QAM	50	0	20.87	21.10	20.91		
20	64QAM	50	24	20.90	21.09	20.94	22.2	0
20	64QAM	50	50	20.86	20.93	20.76		
20	64QAM	100	0	20.97	21.03	20.97		
20	256QAM	1	0	19.50	19.63	19.47		
20	256QAM	1	49	19.50	19.53	19.39	20.2	2
20	256QAM	1	99	19.35	19.45	19.23		
20	256QAM	50	0	19.26	19.47	19.24		
20	256QAM	50	24	19.30	19.40	19.34	20.2	2
20	256QAM	50	50	19.27	19.40	19.30		
20	256QAM	100	0	19.36	19.55	19.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.13	21.23	21.13		
15	QPSK	1	37	20.95	21.09	20.98	22.2	0
15	QPSK	1	74	20.90	21.06	21.00		
15	QPSK	36	0	20.82	20.90	20.81		
15	QPSK	36	20	20.77	20.83	20.72	22.2	0
15	QPSK	36	39	20.68	20.84	20.84		
15	QPSK	75	0	20.90	21.01	20.87		
15	16QAM	1	0	21.13	21.20	21.16		
15	16QAM	1	37	20.93	20.99	20.84	22.2	0
15	16QAM	1	74	21.00	21.10	21.03		
15	16QAM	36	0	20.83	20.97	20.85		
15	16QAM	36	20	20.75	20.85	20.86	22.2	0
15	16QAM	36	39	20.67	20.83	20.69		
15	16QAM	75	0	20.74	20.90	20.71		
15	64QAM	1	0	21.06	21.07	21.01		
15	64QAM	1	37	21.11	21.10	21.20	22.2	0
15	64QAM	1	74	21.02	21.04	21.04		
15	64QAM	36	0	20.74	21.06	20.85		
15	64QAM	36	20	20.82	21.03	20.94	22.2	0
15	64QAM	36	39	20.73	20.85	20.64		
15	64QAM	75	0	20.89	20.92	20.85		
15	256QAM	1	0	19.43	19.52	19.35		
15	256QAM	1	37	19.43	19.45	19.27	20.2	2
15	256QAM	1	74	19.32	19.40	19.13		
15	256QAM	36	0	19.16	19.39	19.17		
15	256QAM	36	20	19.20	19.35	19.24	20.2	2
15	256QAM	36	39	19.23	19.37	19.26		
15	256QAM	75	0	19.30	19.47	19.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.16	21.19	21.17		
10	QPSK	1	25	20.95	21.11	20.93	22.2	0
10	QPSK	1	49	20.96	21.07	20.98		
10	QPSK	25	0	20.73	20.95	20.81		
10	QPSK	25	12	20.78	20.81	20.80	22.2	0
10	QPSK	25	25	20.60	20.91	20.84		
10	QPSK	50	0	20.83	21.01	20.88		
10	16QAM	1	0	21.16	21.12	21.11		
10	16QAM	1	25	21.04	21.07	20.83	22.2	0
10	16QAM	1	49	20.97	21.13	20.99		
10	16QAM	25	0	20.84	21.04	20.76		
10	16QAM	25	12	20.73	20.82	20.85	22.2	0
10	16QAM	25	25	20.63	20.92	20.74		
10	16QAM	50	0	20.74	20.88	20.68		
10	64QAM	1	0	20.96	21.12	21.01		
10	64QAM	1	25	21.12	21.14	21.23	22.2	0
10	64QAM	1	49	21.05	21.03	21.03		
10	64QAM	25	0	20.81	21.06	20.81		
10	64QAM	25	12	20.88	20.99	20.92	22.2	0
10	64QAM	25	25	20.70	20.81	20.88		
10	64QAM	50	0	20.90	20.94	20.93		
10	256QAM	1	0	19.43	19.51	19.41		
10	256QAM	1	25	19.42	19.51	19.36	20.2	2
10	256QAM	1	49	19.33	19.38	19.12		
10	256QAM	25	0	19.16	19.38	19.22		
10	256QAM	25	12	19.18	19.34	19.30	20.2	2
10	256QAM	25	25	19.24	19.29	19.20		
10	256QAM	50	0	19.30	19.50	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.13	21.19	21.19		
5	QPSK	1	12	21.01	21.12	21.12	22.2	0
5	QPSK	1	24	20.94	21.11	20.95		
5	QPSK	12	0	20.75	20.98	20.74		
5	QPSK	12	7	20.68	20.79	20.76	22.2	0
5	QPSK	12	13	20.62	20.83	20.89		
5	QPSK	25	0	20.88	20.97	20.79		
5	16QAM	1	0	21.14	21.14	21.08		
5	16QAM	1	12	20.96	21.08	20.88	22.2	0
5	16QAM	1	24	20.91	21.12	21.02		
5	16QAM	12	0	20.86	21.07	20.82		
5	16QAM	12	7	20.71	20.88	20.82	22.2	0
5	16QAM	12	13	20.66	20.83	20.88		
5	16QAM	25	0	20.71	20.88	20.67		
5	64QAM	1	0	21.01	21.09	20.90		
5	64QAM	1	12	21.05	21.19	21.18	22.2	0
5	64QAM	1	24	21.04	20.98	20.98		
5	64QAM	12	0	20.84	21.04	20.85		
5	64QAM	12	7	20.82	20.97	20.83	22.2	0
5	64QAM	12	13	20.81	20.85	20.91		
5	64QAM	25	0	20.86	21.00	20.95		
5	256QAM	1	0	19.40	19.53	19.43		
5	256QAM	1	12	19.40	19.46	19.29	20.2	2
5	256QAM	1	24	19.29	19.41	19.12		
5	256QAM	12	0	19.24	19.44	19.12		
5	256QAM	12	7	19.17	19.29	19.26	20.2	2
5	256QAM	12	13	19.25	19.32	19.24		
5	256QAM	25	0	19.26	19.46	19.34		

Band 12_Ant 0

BW [MHz]	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	24.68	24.98	24.67		
10	QPSK	1	25	24.92	24.88	24.89	25.5	0
10	QPSK	1	49	24.86	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84		
10	QPSK	25	12	23.90	23.91	23.87	24.5	1
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.84	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.00	23.08	23.01		
10	64QAM	1	0	22.94	23.08	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.00	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	1	25	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.00	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64		
5	QPSK	1	12	24.79	24.79	24.76	25.5	0
5	QPSK	1	24	24.78	24.65	24.75		
5	QPSK	12	0	23.75	23.80	23.71		
5	QPSK	12	7	23.80	23.88	23.80	24.5	1
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.94	21.83	21.72	22.5	3
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	1	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55		
3	QPSK	1	8	24.74	24.75	24.78	25.5	0
3	QPSK	1	14	24.74	24.66	24.74		
3	QPSK	8	0	23.68	23.81	23.76		
3	QPSK	8	4	23.82	23.94	23.82	24.5	1
3	QPSK	8	7	23.80	23.94	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10		
3	16QAM	1	8	24.01	24.04	24.03	24.5	1
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91		
3	16QAM	8	4	22.94	22.62	22.88	23.5	2
3	16QAM	8	7	22.87	22.87	22.94		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89		
3	64QAM	1	8	22.80	23.03	23.38	23.5	2
3	64QAM	1	14	22.80	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84		
3	64QAM	8	4	21.93	21.91	21.71	22.5	3
3	64QAM	8	7	22.01	21.98	21.97		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88		
3	256QAM	1	8	20.22	20.36	20.10	20.5	5
3	256QAM	1	14	20.09	20.38	20.08		
3	256QAM	8	0	20.09	20.12	20.10		
3	256QAM	8	4	19.91	20.04	20.01	20.5	5
3	256QAM	8	7	20.00	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52		
1.4	QPSK	1	3	24.78	24.71	24.72		
1.4	QPSK	1	5	24.73	24.71	24.69	25.5	0
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.66	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.82	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03		
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88		
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.84	22.97	22.72	23.5	2
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.81	22.85	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93		
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12	20.5	5
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.06	24.18	23.93		
10	QPSK	1	25	24.10	23.91	24.01	25.5	0
10	QPSK	1	49	24.03	23.88	24.14		
10	QPSK	25	0	22.94	23.17	23.08		
10	QPSK	25	12	23.10	23.06	23.13	24.5	1
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27		
10	16QAM	1	25	23.49	23.51	23.09	24.5	1

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54		
20	QPSK	1	49	21.17	21.57	21.22	23	0
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.35	20.80	20.34		
20	QPSK	50	24	20.32	20.40	20.33	22	1
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57		
20	16QAM	1	49	20.45	20.37	20.73	22	1
20	16QAM	1	99	20.60	20.56	20.18		
20	16QAM	50	0	19.32	19.48	19.33		
20	16QAM	50	24	19.45	19.43	19.30	21	2
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.98	19.45		
20	64QAM	1	49	19.41	19.90	19.36	21	2
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32		
20	64QAM	50	24	18.34	18.34	18.38	20	3
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71		
20	256QAM	1	49	16.65	16.71	16.56	18	5
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60		
20	256QAM	50	24	16.72	16.79	16.72	18	5
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08		
15	QPSK	1	37	21.09	21.47	21.19	23	0
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.26	20.49	20.18		
15	QPSK	36	20	20.21	20.31	20.21	22	1
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.61	20.22		
15	16QAM	1	37	20.20	20.03	20.46	22	1
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28		
15	16QAM	36	20	19.38	19.14	19.34	21	2
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35		
15	64QAM	1	37	19.27	19.74	19.30	21	2
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18		
15	64QAM	36	20	18.23	18.18	18.23	20	3
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.47		
15	256QAM	1	37	16.41	16.36	16.27	18	5
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30		
15	256QAM	36	20	16.41	16.45	16.44	18	5
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.09		
10	QPSK	1	25	21.07	21.42	21.13	23	0
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28		
10	QPSK	25	12	20.18	20.34	20.18	22	1
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25		
10	16QAM	1	25	20.18	20.13	20.47	22	1
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23		
10	16QAM	25	12	19.34	19.28	19.25	21	2
10	16QAM	25	25	19.30	19.22	19.15		
10	16QAM	50	0	19.34	19.30	19.25		
10	64QAM	1	0	19.76	19.57	19.39		
10	64QAM	1	25	19.34	19.82	19.25	21	2
10	64QAM	1	49	19.74	19.34	19.18		
10	64QAM	25	0	18.34	18.41	18.25		
10	64QAM	25	12	18.20	18.23	18.23	20	3
10	64QAM	25	25	18.22	18.21	18.09		
10	64QAM	50	0	18.29	18.37	18.17		
10	256QAM	1	0	16.49	16.56	16.45		
10	256QAM	1	25	16.41	16.37	16.23	18	5
10	256QAM	1	49	16.05	16.19	16.09		
10	256QAM	25	0	16.30	16.40	16.29		
10	256QAM	25	12	16.41	16.46	16.37	18	5
10	256QAM	25	25	16.17	16.27	16.17		
10	256QAM	50	0	16.34	16.44	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.30	21.46	21.13		
5	QPSK	1	12	21.03	21.48	21.11	23	0
5	QPSK	1	24	21.13	21.49	21.07		
5	QPSK	12	0	20.22	20.45	20.20		
5	QPSK	12	7	20.23	20.26	20.26	22	1
5	QPSK	12	13	20.30	20.40	20.13		
5	QPSK	25	0	20.27	20.29	20.21		
5	16QAM	1	0	20.72	20.81	20.49		
5	16QAM	1	12	20.30	20.28	20.59	22	1
5	16QAM	1	24	20.55	20.50	20.13		
5	16QAM	12	0	19.24	19.38	19.22		
5	16QAM	12	7	19.40	19.36	19.25	21	2
5	16QAM	12	13	19.35	19.27	19.15		
5	16QAM	25	0	19.40	19.34	19.25		
5	64QAM	1	0	19.75	19.56	19.34		
5	64QAM	1	12	19.32	19.76	19.20	21	2
5	64QAM	1	24	19.81	19.38	19.12		
5	64QAM	12	0	18.28	18.51	18.18		
5	64QAM	12	7	18.29	18.24	18.25	20	3
5	64QAM	12	13	18.28	18.25	18.08		
5	64QAM	25	0	18.30	18.27	18.17		
5	256QAM	1	0	16.48	16.52	16.40		
5	256QAM	1	12	16.30	16.41	16.27	18	5
5	256QAM	1	24	16.14	16.16	16.12		
5	256QAM	12	0	16.29	16.35	16.31		
5	256QAM	12	7	16.46	16.54	16.45	18	5
5	256QAM	12	13	16.20	16.32	16.16		
5	256QAM	25	0	16.24	16.27	16.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.49	21.09		
3	QPSK	1	8	21.06	21.47	21.13	23	0
3	QPSK	1	14	21.05	21.45	21.09		
3	QPSK	8	0	20.26	20.53	20.21		
3	QPSK	8	4	20.20	20.25	20.18	22	1
3	QPSK	8	7	20.38	20.31	20.17		
3	QPSK	15	0	20.30	20.35	20.25		
3	16QAM	1	0	20.69	20.73	20.49		
3	16QAM	1	8	20.35	20.28	20.66	22	1
3	16QAM	1	14	20.47	20.45	20.13		
3	16QAM	8	0	19.22	19.36	19.18		
3	16QAM	8	4	19.34	19.33	19.23	21	2
3	16QAM	8	7	19.29	19.20	19.18		
3	16QAM	15	0	19.33	19.29	19.16		
3	64QAM	1	0	19.85	19.57	19.37		
3	64QAM	1	8	19.35	19.76	19.23	21	2
3	64QAM	1	14	19.73	19.40	19.13		
3	64QAM	8	0	18.33	18.48	18.27		
3	64QAM	8	4	18.22	18.23	18.31	20	3
3	64QAM	8	7	18.24	18.29	18.16		
3	64QAM	15	0	18.33	18.30	18.11		
3	256QAM	1	0	16.40	16.55	16.44		
3	256QAM	1	8	16.37	16.44	16.29	18	5
3	256QAM	1	14	16.16	16.15	16.08		
3	256QAM	8	0	16.31	16.38	16.33		
3	256QAM	8	4	16.47	16.47	16.42	18	5
3	256QAM	8	7	16.18	16.31	16.23		
3	256QAM	15	0	16.31	16.41	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.42	21.16		
1.4	QPSK	1	3	21.10	21.41	21.11		
1.4	QPSK	1	5	21.10	21.44	21.15	23	0
1.4	QPSK	3	0	21.23	21.27	21.05		
1.4	QPSK	3	1	20.96	21.29	20.95		
1.4	QPSK	3	3	21.00	21.36	21.03		
1.4	QPSK	6	0	20.29	20.35	20.25	22	1
1.4	16QAM	1	0	20.72	20.74	20.53		
1.4	16QAM	1	3	20.35	20.25	20.62		
1.4	16QAM	1	5	20.47	20.44	20.04	22	1
1.4	16QAM	3	0	20.61	20.68	20.45		
1.4	16QAM	3	1	20.19	20.18	20.46		
1.4	16QAM	3	3	20.37	20.32	19.91		
1.4	16QAM	6	0	19.34	19.36	19.21	21	2
1.4	64QAM	1	0	19.76	19.58	19.35		
1.4	64QAM	1	3	19.28	19.76	19.29		
1.4	64QAM	1	5	19.85	19.41	19.13	21	2
1.4	64QAM	3	0	19.69	19.48	19.23		
1.4	64QAM	3	1	19.22	19.69	19.19		
1.4	64QAM	3	3	19.72	19.34	19.04		
1.4	64QAM	6	0	18.32	18.30	18.14	20	3
1.4	256QAM	1	0	16.46	16.58	16.39		
1.4	256QAM	1	3	16.38	16.43	16.29		
1.4	256QAM	1	5	16.10	16.15	16.02	18	5
1.4	256QAM	3	0	16.31	16.41	16.29		
1.4	256QAM	3	1	15.44	16.55	16.48		
1.4	256QAM	3	3	16.21	16.26	16.18		
1.4	256QAM	6	0	16.28	16.46	16.33	18	5

Band 66_Ant 1

BW [MHz]	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	18.21	18.23	18.04		
20	QPSK	1	49	17.82	17.95	17.71	19.5	0
20	QPSK	1	99	17.66	17.79	17.69		
20	QPSK	50	0	18.01	18.16	17.96		
20	QPSK	50	24	18.03	18.08	18.12	19.5	0
20	QPSK	50	50	18.08	17.96	17.97		
20	QPSK	100	0	17.94	18.08	17.96		
20	16QAM	1	0	17.99	18.13	18.11		
20	16QAM	1	49	18.1	17.79	18.14	19.5	0
20	16QAM	1	99	18.18	17.84	18.18		
20	16QAM	50	0	18.03	18.06	17.98		
20	16QAM	50	24	18.04	17.99	17.88	19.5	0
20	16QAM	50	50	18.01	18.06	17.99		
20	16QAM	100	0	18.13	17.87	17.93		
20	64QAM	1	0	18.07	18.12	18.14		
20	64QAM	1	49	17.99	18.04	18	19.5	0
20	64QAM	1	99	17.95	17.97	17.9		
20	64QAM	50	0	18.02	18.12	17.98		
20	64QAM	50	24	18.11	18	17.93	19.5	0
20	64QAM	50	50	18.17	18.14	17.85		
20	64QAM	100	0	18.11	18.15	18.02		
20	256QAM	1	0	17.47	17.63	17.47		
20	256QAM	1	49	17.47	17.53	18.01	19	0.5
20	256QAM	1	99	18.02	18.04	17.94		
20	256QAM	50	0	17.66	17.76	17.73		
20	256QAM	50	24	17.78	17.75	17.68	19	0.5
20	256QAM	50	50	17.69	17.85	17.65		
20	256QAM	100	0	17.71	17.81	17.74		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.15	18.18	18		
15	QPSK	1	37	17.75	17.85	17.59	19.5	0
15	QPSK	1	74	17.64	17.76	17.61		
15	QPSK	36	0	17.87	17.99	17.83		
15	QPSK	36	20	17.8	17.81	17.9	19.5	0
15	QPSK	36	39	17.92	17.78	17.76		
15	QPSK	75	0	17.79	17.88	17.83		
15	16QAM	1	0	17.47	17.65	17.62		
15	16QAM	1	37	18.07	17.75	18.07	19.5	0
15	16QAM	1	74	18.11	17.78	18.09		
15	16QAM	36	0	17.92	18	17.93		
15	16QAM	36	20	17.91	17.73	17.8	19.5	0
15	16QAM	36	39	17.89	17.96	17.95		
15	16QAM	75	0	18.02	17.83	17.87		
15	64QAM	1	0	17.76	18.12	18.01		
15	64QAM	1	37	17.87	17.92	17.95	19.5	0
15	64QAM	1	74	17.92	17.87	17.84		
15	64QAM	36	0	18	18.05	17.91		
15	64QAM	36	20	18	17.88	17.9	19.5	0
15	64QAM	36	39	18.11	18.07	17.72		
15	64QAM	75	0	18.08	18.06	17.97		
15	256QAM	1	0	17.34	17.53	17.38		
15	256QAM	1	37	17.94	18.01	17.88	19	0.5
15	256QAM	1	74	17.94	17.95	17.85		
15	256QAM	36	0	17.60	17.63	17.61		
15	256QAM	36	20	17.73	17.71	17.55	19	0.5
15	256QAM	36	39	17.79	17.79	17.63		
15	256QAM	75	0	17.59	17.75	17.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.19	18.15	18.01		
10	QPSK	1	25	17.71	17.93	17.8	19.5	0
10	QPSK	1	49	17.61	17.66	17.61		
10	QPSK	25	0	17.88	17.94	17.83		
10	QPSK	25	12	17.89	17.92	17.92	19.5	0
10	QPSK	25	25	17.9	17.82	17.76		
10	QPSK	50	0	17.75	17.89	17.83		
10	16QAM	1	0	17.5	18.09	18.08		
10	16QAM	1	25	18.08	17.75	18.1	19.5	0
10	16QAM	1	49	18.06	17.78	18.06		
10	16QAM	25	0	17.94	17.93	17.94		
10	16QAM	25	12	18	17.87	17.8	19.5	0
10	16QAM	25	25	17.85	17.77	17.92		
10	16QAM	50	0	18.06	17.75	17.8		
10	64QAM	1	0	17.77	18.09	18.05		
10	64QAM	1	25	17.88	18.02	17.93	19.5	0
10	64QAM	1	49	17.85	17.95	17.83		
10	64QAM	25	0	17.95	18.04	17.91		
10	64QAM	25	12	17.98	17.93	17.87	19.5	0
10	64QAM	25	25	18.08	18.03	17.76		
10	64QAM	50	0	18.07	18.1	18		
10	256QAM	1	0	17.45	17.59	17.40		
10	256QAM	1	25	18.05	18.02	17.96	19	0.5
10	256QAM	1	49	17.89	17.92	17.83		
10	256QAM	25	0	17.60	17.65	17.66		
10	256QAM	25	12	17.66	17.68	17.64	19	0.5
10	256QAM	25	25	17.67	17.74	17.60		
10	256QAM	50	0	17.65	17.74	17.64		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.18	18.2	18		
5	QPSK	1	12	17.74	17.85	17.67	19.5	0
5	QPSK	1	24	17.57	17.75	17.67		
5	QPSK	12	0	17.81	18.01	17.9		
5	QPSK	12	7	17.82	17.96	17.95	19.5	0
5	QPSK	12	13	17.95	17.94	17.77		
5	QPSK	25	0	17.75	17.89	17.82		
5	16QAM	1	0	17.54	18.07	18.03		
5	16QAM	1	12	18.07	17.94	18.05	19.5	0
5	16QAM	1	24	18.13	17.74	18.07		
5	16QAM	12	0	17.91	18.01	17.89		
5	16QAM	12	7	18.01	17.94	17.78	19.5	0
5	16QAM	12	13	17.92	17.97	17.97		
5	64QAM	25	0	18.04	17.8	17.81		
5	64QAM	1	0	17.77	18.02	18.07		
5	64QAM	1	12	17.91	18.01	17.97	19.5	0
5	64QAM	1	24	17.82	17.87	17.77		
5	64QAM	12	0	17.99	18	17.94		
5	64QAM	12	7	18.09	17.89	17.84	19.5	0
5	64QAM	12	13	18.1	18.01	17.74		
5	64QAM	25	0	18.09	18.03	17.94		
5	256QAM	1	0	17.36	17.53	17.42		
5	256QAM	1	12	18.03	18.05	17.91	19	0.5
5	256QAM	1	24	17.93	17.96	17.81		
5	256QAM	12	0	17.56	17.70	17.64		
5	256QAM	12	7	17.75	17.70	17.65	19	0.5
5	256QAM	12	13	17.66	17.83	17.52		
5	256QAM	25	0	17.63	17.79	17.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.17	18.2	17.97		
3	QPSK	1	8	17.78	17.85	17.67	19.5	0
3	QPSK	1	14	17.6	17.74	17.62		
3	QPSK	8	0	17.79	17.98	17.83		
3	QPSK	8	4	17.8	17.96	17.95	19.5	0
3	QPSK	8	7	17.88	17.94	17.78		
3	QPSK	15	0	17.75	17.93	17.74		
3	16QAM	1	0	17.49	18.01	18.04		
3	16QAM	1	8	18.04	17.76	18.1	19.5	0
3	16QAM	1	14	18.05	17.74	18.08		
3	16QAM	8	0	17.91	17.95	17.89		
3	16QAM	8	4	18	17.87	17.76	19.5	0
3	16QAM	8	7	17.99	17.99	17.9		
3	16QAM	15	0	18.11	17.85	17.85		
3	64QAM	1	0	17.75	18.05	18.08		
3	64QAM	1	8	17.9	17.96	17.91	19.5	0
3	64QAM	1	14	17.9	17.9	17.63		
3	64QAM	8	0	17.96	18.06	17.89		
3	64QAM	8	4	18.05	17.93	17.9	19.5	0
3	64QAM	8	7	18.1	18.09	17.79		
3	64QAM	15	0	18.03	18.07	17.93		
3	256QAM	1	0	17.42	17.50	17.37		
3	256QAM	1	8	18.05	18.02	17.88	19	0.5
3	256QAM	1	14	17.99	17.94	17.84		
3	256QAM	8	0	17.81	17.87	17.70		
3	256QAM	8	4	17.68	17.69	17.55	19	0.5
3	256QAM	8	7	17.61	17.77	17.56		
3	256QAM	15	0	17.62	17.85	17.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.15	18.2	18.01		
1.4	QPSK	1	3	17.73	17.86	17.6		
1.4	QPSK	1	5	17.57	17.71	17.57	19.5	0
1.4	QPSK	3	0	17.88	18	17.87		
1.4	QPSK	3	1	17.91	17.96	17.98		
1.4	QPSK	3	3	17.93	17.8	17.85		
1.4	QPSK	6	0	17.8	17.81	17.84	19.5	0
1.4	16QAM	1	0	17.53	18.11	18.04		
1.4	16QAM	1	3	18	17.68	18.07		
1.4	16QAM	1	5	18.05	17.8	18.08	19.5	0
1.4	16QAM	3	0	17.91	17.93	17.85		
1.4	16QAM	3	1	17.98	17.87	17.74		
1.4	16QAM	3	3	17.92	18.04	17.95		
1.4	16QAM	6	0	18.03	17.82	17.91	19.5	0
1.4	64QAM	1	0	17.77	18.13	18.09		
1.4	64QAM	1	3	17.97	18.02	17.91		
1.4	64QAM	1	5	17.84	17.84	17.87	19.5	0
1.4	64QAM	3	0	17.92	18.04	17.89		
1.4	64QAM	3	1	18.05	17.94	17.87		
1.4	64QAM	3	3	18.13	18.04	17.75		
1.4	64QAM	6	0	18.02	18.08	17.97	19.5	0
1.4	256QAM	1	0	17.39	17.60	17.41		
1.4	256QAM	1	3	18.03	18.07	17.93		
1.4	256QAM	1	5	17.90	18.01	17.87	19	0.5
1.4	256QAM	3	0	17.63	17.68	17.62		
1.4	256QAM	3	1	17.71	17.70	17.66		
1.4	256QAM	3	3	17.63	17.73	17.61		
1.4	256QAM	6	0	17.65	17.72	17.65	19	0.5

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.78	22.06	21.98		
20	QPSK	1	49	21.64	21.94	21.93	23	0
20	QPSK	1	99	21.8	21.99	21.91		
20	QPSK	50	0	21.77	22.05	22.03		
20	QPSK	50	24	21.77	22.03	22.02	23	0
20	QPSK	50	50	21.87	22.01	22.01		
20	QPSK	100	0	21.84	21.93	21.89		
20	16QAM	1	0	22.02	21.98	22.02		
20	16QAM	1	49	22.02	21.98	21.99	23	0
20	16QAM	1	99	21.99	21.99	22.01		
20	16QAM	50	0	21.11	21.81	21.69		
20	16QAM	50	24	21.39	21.63	21.7	22.5	0.5
20	16QAM	50	50	21.37	21.53	21.

Band 38_Ant 0

BW [MHz]	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	19.81	19.83	19.78		
20	QPSK	1	49	19.57	19.66	19.41	21	0
20	QPSK	1	99	19.62	19.71	19.67		
20	QPSK	50	0	19.62	19.75	19.49		
20	QPSK	50	24	19.69	19.30	19.57	21	0
20	QPSK	50	53	19.74	19.52	19.50		
20	QPSK	100	0	19.71	19.73	19.43		
20	16QAM	1	0	19.79	19.77	19.53		
20	16QAM	1	49	19.55	19.42	19.60	21	0
20	16QAM	1	99	19.48	19.35	19.51		
20	16QAM	50	0	19.73	19.37	19.53		
20	16QAM	50	24	19.78	19.55	19.55	21	0
20	16QAM	50	53	19.65	19.39	19.43		
20	16QAM	100	0	19.67	19.47	19.44		
20	64QAM	1	0	19.64	19.62	19.67		
20	64QAM	1	49	19.29	19.78	19.32	21	0
20	64QAM	1	99	19.75	19.58	19.66		
20	64QAM	50	0	18.71	18.52	18.50		
20	64QAM	50	24	18.69	18.51	18.66	20	1
20	64QAM	50	53	18.76	18.50	18.45		
20	64QAM	100	0	18.85	18.44	18.57		
20	256QAM	1	0	16.52	16.69	16.49		
20	256QAM	1	49	16.60	16.79	16.67	18	3
20	256QAM	1	99	16.70	16.66	16.70		
20	256QAM	50	0	16.73	16.86	16.78		
20	256QAM	50	24	16.81	16.82	16.81	18	3
20	256QAM	50	53	16.63	16.75	16.74		
20	256QAM	100	0	16.62	16.77	16.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.73	19.75	19.71		
15	QPSK	1	37	19.47	19.62	19.31	21	0
15	QPSK	1	74	19.54	19.66	19.56		
15	QPSK	36	0	19.52	19.67	19.45		
15	QPSK	36	20	19.60	19.21	19.53	21	0
15	QPSK	36	39	19.68	19.43	19.40		
15	QPSK	75	0	19.63	19.63	19.37		
15	16QAM	1	0	19.75	19.70	19.50		
15	16QAM	1	37	19.44	19.31	19.58	21	0
15	16QAM	1	74	19.36	19.29	19.40		
15	16QAM	36	0	19.69	19.35	19.48		
15	16QAM	36	20	19.67	19.48	19.43	21	0
15	16QAM	36	39	19.58	19.32	19.39		
15	16QAM	75	0	19.55	19.39	19.34		
15	64QAM	1	0	19.62	19.58	19.62		
15	64QAM	1	37	19.23	19.65	19.24	21	0
15	64QAM	1	74	19.69	19.48	19.58		
15	64QAM	36	0	18.65	18.43	18.38		
15	64QAM	36	20	18.56	18.46	18.60	20	1
15	64QAM	36	39	18.63	18.43	18.43		
15	64QAM	75	0	18.74	18.38	18.44		
15	256QAM	1	0	16.45	16.63	16.60		
15	256QAM	1	37	16.54	16.73	16.55	18	3
15	256QAM	1	74	16.66	16.60	16.64		
15	256QAM	36	0	16.64	16.74	16.68		
15	256QAM	36	20	16.69	16.77	16.71	18	3
15	256QAM	36	39	16.57	16.72	16.71		
15	256QAM	75	0	16.55	16.67	16.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.73	19.79	19.71		
10	QPSK	1	25	19.51	19.58	19.38	21	0
10	QPSK	1	49	19.52	19.62	19.62		
10	QPSK	25	0	19.51	19.70	19.41		
10	QPSK	25	12	19.66	19.25	19.55	21	0
10	QPSK	25	25	19.64	19.44	19.43		
10	QPSK	50	0	19.60	19.64	19.32		
10	16QAM	1	0	19.66	19.74	19.43		
10	16QAM	1	25	19.45	19.35	19.53	21	0
10	16QAM	1	49	19.41	19.30	19.46		
10	16QAM	25	0	19.66	19.24	19.46		
10	16QAM	25	12	19.71	19.49	19.53	21	0
10	16QAM	25	25	19.60	19.31	19.38		
10	16QAM	50	0	19.54	19.40	19.41		
10	64QAM	1	0	19.60	19.52	19.57		
10	64QAM	1	25	19.21	19.74	19.29	21	0
10	64QAM	1	49	19.68	19.48	19.57		
10	64QAM	25	0	18.61	18.41	18.44		
10	64QAM	25	12	18.59	18.64	18.61	20	1
10	64QAM	25	25	18.73	18.45	18.41		
10	64QAM	50	0	18.83	18.41	18.51		
10	256QAM	1	0	16.40	16.62	16.62		
10	256QAM	1	25	16.52	16.74	16.58	18	3
10	256QAM	1	49	16.66	16.58	16.66		
10	256QAM	25	0	16.64	16.73	16.67		
10	256QAM	25	12	16.77	16.75	16.74	18	3
10	256QAM	25	25	16.61	16.72	16.71		
10	256QAM	50	0	16.53	16.75	16.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.75	19.80	19.75		
5	QPSK	1	12	19.47	19.61	19.30	21	0
5	QPSK	1	24	19.56	19.68	19.65		
5	QPSK	12	0	19.60	19.70	19.37		
5	QPSK	12	7	19.56	19.18	19.54	21	0
5	QPSK	12	13	19.72	19.45	19.48		
5	QPSK	25	0	19.64	19.61	19.32		
5	16QAM	1	0	19.68	19.65	19.45		
5	16QAM	1	12	19.45	19.32	19.58	21	0
5	16QAM	1	24	19.39	19.28	19.49		
5	16QAM	12	0	19.62	19.31	19.49		
5	16QAM	12	7	19.76	19.51	19.44	21	0
5	16QAM	12	13	19.54	19.32	19.37		
5	16QAM	25	0	19.60	19.45	19.34		
5	64QAM	1	0	19.53	19.55	19.62		
5	64QAM	1	12	19.24	19.72	19.25	21	0
5	64QAM	1	24	19.64	19.54	19.61		
5	64QAM	12	0	18.63	18.39	18.40		
5	64QAM	12	7	18.63	18.44	18.64	20	1
5	64QAM	12	13	18.63	18.38	18.39		
5	64QAM	25	0	18.74	18.39	18.55		
5	256QAM	1	0	16.45	16.61	16.65		
5	256QAM	1	12	16.52	16.66	16.55	18	3
5	256QAM	1	24	16.62	16.55	16.57		
5	256QAM	12	0	16.65	16.82	16.70		
5	256QAM	12	7	16.79	16.69	16.70	18	3
5	256QAM	12	13	16.61	16.71	16.69		
5	256QAM	25	0	16.50	16.64	16.46		

Band 38_Ant 1

BW [MHz]	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	19.32	19.48	19.33		
20	QPSK	1	49	19.2	19.26	19.1	20.5	0
20	QPSK	1	99	19.11	19.13	19.23		
20	QPSK	50	0	19.21	19.41	19.29		
20	QPSK	50	24	19.25	19.21	19.28	20.5	0
20	QPSK	50	53	19.28	19.18	19.14		
20	QPSK	100	0	19.08	19.36	19.09		
20	16QAM	1	0	19.27	19.25	19.25		
20	16QAM	1	49	19.32	19.07	19.06	20.5	0
20	16QAM	1	99	19.08	19.03	18.82		
20	16QAM	50	0	19.41	19.13	19.08		
20	16QAM	50	24	18.91	18.97	19.14	20.5	0
20	16QAM	50	53	19.21	19.16	19.09		
20	16QAM	100	0	19.34	19.17	19.16		
20	64QAM	1	0	19.28	19.18	19.28		
20	64QAM	1	49	19.14	19.08	19.17	20.5	0
20	64QAM	1	99	19.34	18.81	19.06		
20	64QAM	50	0	18.82	19.28	19.38		
20	64QAM	50	24	19.43	19.06	19.13	20.5	0
20	64QAM	50	53	19.17	19.2	19.17		
20	64QAM	100	0	19.33	19.12	19.24		
20	256QAM	1	0	17.79	17.94	17.8		
20	256QAM	1	49	17.49	17.56	17.57	19	1.5
20	256QAM	1	99	17.49	17.51	17.38		
20	256QAM	50	0	17.77	17.85	17.76		
20	256QAM	50	24	17.77	17.72	17.63	19	1.5
20	256QAM	50	53	17.79	17.82	17.77		
20	256QAM	100	0	17.67	17.71	17.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.3	19.42	19.28		
15	QPSK	1	37	19.14	19.17	18.97	20.5	0
15	QPSK	1	74	19.04	19.03	19.16		
15	QPSK	36	0	19.12	19.33	19.16		
15	QPSK	36	20	19.15	19.11	19.26	20.5	0
15	QPSK	36	39	19.23	19.11	19.1		
15	QPSK	75	0	19	19.25	19.07		
15	16QAM	1	0	19.17	19.18	19.21		
15	16QAM	1	37	19.23	19.01	18.94	20.5	0
15	16QAM	1	74	18.97	18.95	18.72		
15	16QAM	36	0	19.34	19.01	18.95		
15	16QAM	36	20	18.83	18.84	19.1	20.5	0
15	16QAM	36	39	19.11	19.04	19.03		
15	16QAM	75	0	19.21	19.04	19.03		
15	64QAM	1	0	19.18	19.13	19.2		
15	64QAM	1	37	19.05	19.02	19.12	20.5	0
15	64QAM	1	74	19.28	18.77	18.97		
15	64QAM	36	0	18.74	19.24	19.26		
15	64QAM	36	20	19.36	18.99	19.03	20.5	0
15	64QAM	36	39	19.04	19.14	19.11		
15	64QAM	75	0	19.26	19.09	19.17		
15	256QAM	1	0	17.7	17.87	17.7		
15	256QAM	1	37	17.38	17.49	17.45	19	1.5
15	256QAM	1	74	17.42	17.47	17.33		
15	256QAM	36	0	17.71	17.73	17.69		
15	256QAM	36	20	17.71	17.62	17.55	19	1.5
15	256QAM	36	39	17.67	17.69	17.73		
15	256QAM	75	0	17.59	17.61	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.25	19.44	19.31		
10	QPSK	1	25	19.12	19.21	18.97	20.5	0
10	QPSK	1	49	19.08	19.08	19.19		
10	QPSK	25	0	19.18	19.38	19.26		
10	QPSK	25	12	19.13	19.14	19.24	20.5	0
10	QPSK	25	25	19.21	19.13	19.05		
10	QPSK	50	0	19.02	19.23	19.05		
10	16QAM	1	0	19.23	19.14	19.14		
10	16QAM	1	25	19.26	18.99	18.94	20.5	0
10	16QAM	1	49	19.04	18.95	18.75		
10	16QAM	25	0	19.32	19.05	18.99		
10	16QAM	25	12	18.87	18.89	19.08	20.5	0
10	16QAM	25	25	19.14	19.05	19.01		
10	16QAM	50	0	19.27	19.15	19.07		
10	64QAM	1	0	19.21	19.08	19.17		
10	64QAM	1	25	19.01	19.05	19.12	20.5	0
10	64QAM	1	49	19.3	18.75	19.02		
10	64QAM	25	0	18.72	19.21	19.32		
10	64QAM	25	12	19.31	19.01	19.05	20.5	0
10	64QAM	25	25	19.08	19.09	19.13		
10	64QAM	50	0	19.22	19.05	19.16		
10	256QAM	1	0	17.76	17.82	17.78		
10	256QAM	1	25	17.4	17.47	17.54	19	1.5
10	256QAM	1	49	17.41	17.41	17.29		
10	256QAM	25	0	17.70	17.74	17.69		
10	256QAM	25	12	17.70	17.69	17.59	19	1.5
10	256QAM	25	25	17.74	17.79	17.72		
10	256QAM	50	0	17.56	17.65	17.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.28	19.41	19.3		
5	QPSK	1	12	19.16	19.14	18.98	20.5	0
5	QPSK	1	24	19.07	19.02	19.18		
5	QPSK	12	0	19.16	19.35	19.17		
5	QPSK	12	7	19.15	19.12	19.26	20.5	0
5	QPSK	12	13	19.25	19.13	19.07		
5	QPSK	25	0	19.08	19.34	19.04		
5	16QAM	1	0	19.2	19.2	19.22		
5	16QAM	1	12	19.22	19.05	18.96	20.5	0
5	16QAM	1	24	18.98	19.01	18.78		
5	16QAM	12	0	19.3	19.08	18.95		
5	16QAM	12	7	18.78	18.92	19.12	20.5	0
5	16QAM	12	13	19.11	19.04	19.03		
5	16QAM	25	0	19.29	19.13	19.03		
5	64QAM	1	0	19.18	19.11	19.17		
5	64QAM	1	12	19.12	19.01	19.06	20.5	0
5	64QAM	1	24	19.28	18.71	18.98		
5	64QAM	12	0	18.72	19.16	19.29		
5	64QAM	12	7	19.31	19.04	19.06	20.5	0
5	64QAM	12	13	19.09	19.08	19.09		
5	64QAM	25	0	19.21	18.99	19.19		
5	256QAM	1	0	17.7	17.9	17.7		
5	256QAM	1	12	17.4	17.49	17.47	19	1.5
5	256QAM	1	24	17.38	17.38	17.31		
5	256QAM	12	0	17.66	17.82	17.67		
5	256QAM	12	7	17.73	17.66	17.59	19	1.5
5	256QAM	12	13	17.70	17.77	17.64		
5	256QAM	25	0	17.61	17.65	17.53		

Band 38_Ant 2

BW [MHz]	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	23.28	23.49	23.25		
20	QPSK	1	49	23.31	23.12	23.16	24.5	0
20	QPSK	1	99	23.32	23.06	23.11		
20	QPSK	50	0	23.3	23.45	23.07		
20	QPSK	50	24	23.19	23.3	23.37	24.5	0
20	QPSK	50	53	23.26	23.3	23.24		
20	QPSK	100	0	23.07	23.13	23.1		
20	16QAM	1	0	22.98	22.92	23		
20	16QAM	1	49	23.15	23.06	23	24.5	0
20	16QAM	1	99	22.95	23.08	23.17		
20	16QAM	50	0	22.12	22.09	22.19		
20	16QAM	50	24	22.38	22.37	22.08	23.5	1
20	16QAM	50	53	22.38	22.11	22.15		
20	16QAM	100	0	22.29	22.1	22.09		
20	64QAM	1	0	22.37	22.09	22.08		
20	64QAM	1	49	22.43	21.95	21.87	23.5	1
20	64QAM	1	99	22.12	22.19	22.06		
20	64QAM	50	0	21.37	21.11	21.14		
20	64QAM	50	24	21.51	21.13	21.19	22.5	2
20	64QAM	50	53	21.45	21.12	21.26		
20	64QAM	100	0	21.4	21.02	21.22		
20	256QAM	1	0	19.43	19.51	19.48		
20	256QAM	1	49	19.33	19.39	19.38	20.5	4
20	256QAM	1	99	19.31	19.41	19.18		
20	256QAM	50	0	19.31	19.29	19.30		
20	256QAM	50	24	19.44	19.34	19.35	20.5	4
20	256QAM	50	53	19.33	19.47	19.29		
20	256QAM	100	0	19.41	19.43	19.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.24	23.46	23.18		
15	QPSK	1	37	23.23	23.02	23.14	24.5	0
15	QPSK	1	74	23.19	22.99	23.06		
15	QPSK	36	0	23.23	23.4	23.05		
15	QPSK	36	20	23.13	23.21	23.29	24.5	0
15	QPSK	36	39	23.22	23.25	23.15		
15	QPSK	75	0	22.94	23.05	23.08		
15	16QAM	1	0	22.88	22.8	22.96		
15	16QAM	1	37	23.08	23.03	22.96	24.5	0
15	16QAM	1	74	22.86	23.04	23.13		
15	16QAM	36	0	22.92	22.93	22.11		
15	16QAM	36	20	22.29	22.35	21.96	23.5	1
15	16QAM	36	39	22.32	22.03	22.02		
15	16QAM	75	0	22.22	22.01	22.02		
15	64QAM	1	0	22.35	22.04	22.06		
15	64QAM	1	37	22.34	21.83	21.84	23.5	1
15	64QAM	1	74	21.99	22.12	21.95		
15	64QAM	36	0	21.24	21.02	21.1		
15	64QAM	36	20	21.39	21.08	21.13	22.5	2
15	64QAM	36	39	21.33	21.05	21.22		
15	64QAM	75	0	21.37	20.99	21.19		
15	256QAM	1	0	19.34	19.42	19.40		
15	256QAM	1	37	19.28	19.26	19.27	20.5	4
15	256QAM	1	74	19.22	19.30	19.12		
15	256QAM	36	0	19.29	19.21	19.18		
15	256QAM	36	20	19.34	19.26	19.22	20.5	4
15	256QAM	36	39	19.23	19.42	19.18		
15	256QAM	75	0	19.31	19.41	19.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.2	23.43	23.2		
10	QPSK	1	25	23.18	23.04	23.11	24.5	0
10	QPSK	1	49	23.29	23.03	23.03		
10	QPSK	25	0	23.23	23.4	23.03		
10	QPSK	25	12	23.06	23.18	23.3	24.5	0
10	QPSK	25	25	23.15	23.23	23.22		
10	QPSK	50	0	22.98	23.05	23.08		
10	16QAM	1	0	22.87	22.9	22.88		
10	16QAM	1	25	23.02	22.94	22.94	24.5	0
10	16QAM	1	49	22.88	22.95	23.11		
10	16QAM	25	0	22.03	22.07	22.12		
10	16QAM	25	12	22.34	22.29	21.96	23.5	1
10	16QAM	25	25	22.32	22.01	22.11		
10	16QAM	50	0	22.19	22.04	22.03		
10	64QAM	1	0	22.3	22.06	22.04		
10	64QAM	1	25	22.37	21.84	21.81	23.5	1
10	64QAM	1	49	22.05	22.16	21.98		
10	64QAM	25	0	21.33	21.08	21.09		
10	64QAM	25	12	21.48	21.03	21.08	22.5	2
10	64QAM	25	25	21.37	21.07	21.21		
10	64QAM	50	0	21.3	21	21.17		
10	256QAM	1	0	19.36	19.43	19.38		
10	256QAM	1	25	19.26	19.31	19.31	20.5	4
10	256QAM	1	49	19.23	19.33	19.05		
10	256QAM	25	0	19.24	19.27	19.23		
10	256QAM	25	12	19.41	19.29	19.26	20.5	4
10	256QAM	25	25	19.31	19.41	19.23		
10	256QAM	50	0	19.38	19.36	19.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.22	23.42	23.22		
5	QPSK	1	12	23.25	23.07	23.05	24.5	0
5	QPSK	1	24	23.21	23.02	23.06		
5	QPSK	12	0	23.24	23.32	23.03		
5	QPSK	12	7	23.08	23.2	23.33	24.5	0
5	QPSK	12	13	23.18	23.23	23.13		
5	QPSK	25	0	23	23.09	23		
5	16QAM	1	0	22.92	22.86	22.9		
5	16QAM	1	12	23.05	22.94	22.9	24.5	0
5	16QAM	1	24	22.84	22.95	23.14		
5	16QAM	12	0	22.04	22.01	22.15		
5	16QAM	12	7	22.27	22.29	21.99	23.5	1
5	16QAM	12	13	22.33	22	22.11		
5	16QAM	25	0	22.25	22.08	22		
5	64QAM	1	0	22.31	22	22.02		
5	64QAM	1	12	22.38	21.92	21.76	23.5	1
5	64QAM	1	24	22.01	22.06	21.97		
5	64QAM	12	0	21.33	21.07	21.04		
5	64QAM	12	7	21.47	21.07	21.16	22.5	2
5	64QAM	12	13	21.42	20.99	21.24		
5	64QAM	25	0	21.38	20.91	21.09		
5	256QAM	1	0	19.41	19.40	19.43		
5	256QAM	1	12	19.28	19.32	19.34	20.5	4
5	256QAM	1	24	19.26	19.33	19.14		
5	256QAM	12	0	19.27	19.27	19.25		
5	256QAM	12	7	19.38	19.27	19.30	20.5	4
5	256QAM	12	13	19.28	19.35	19.24		
5	256QAM	25	0	19.34	19.38	19.35		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.59	22.66	22.62	23.7	0
20	QPSK	1	49	22.37	22.55	22.51		
20	QPSK	1	99	22.42	22.53	22.40		
20	QPSK	50	0	22.54	22.64	22.53		
20	QPSK	50	24	22.44	22.62	22.47		
20	QPSK	50	50	22.46	22.63	22.60		
20	QPSK	100	0	22.49	22.61	22.46		
20	16QAM	1	0	22.45	22.62	22.49		
20	16QAM	1	49	22.50	22.64	22.54		
20	16QAM	1	99	22.47	22.56	22.46		
20	16QAM	50	0	22.46	22.64	22.57		
20	16QAM	50	24	22.53	22.63	22.53		
20	16QAM	50	50	22.56	22.65	22.53		
20	16QAM	100	0	22.47	22.64	22.50		
20	64QAM	1	0	22.54	22.65	22.55		
20	64QAM	1	49	22.57	22.63	22.62		
20	64QAM	1	99	22.49	22.61	22.59		
20	64QAM	50	0	21.48	21.68	21.54		
20	64QAM	50	24	21.52	21.71	21.57	22.7	1
20	64QAM	50	50	21.62	21.67	21.57		
20	64QAM	100	0	21.53	21.63	21.49		
20	256QAM	1	0	19.30	19.50	19.35		
20	256QAM	1	49	19.49	19.58	19.43	20.7	3
20	256QAM	1	99	19.42	19.51	19.47		
20	256QAM	50	0	19.52	19.66	19.66		
20	256QAM	50	24	19.47	19.67	19.58	20.7	3
20	256QAM	50	50	19.50	19.68	19.66		
20	256QAM	100	0	19.48	19.65	19.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.52	22.56	22.61	23.7	0
15	QPSK	1	37	22.30	22.47	22.42		
15	QPSK	1	74	22.33	22.47	22.37		
15	QPSK	36	0	22.60	22.58	22.46		
15	QPSK	36	20	22.46	22.55	22.42		
15	QPSK	36	39	22.37	22.56	22.57		
15	QPSK	75	0	22.49	22.59	22.47		
15	16QAM	1	0	22.45	22.52	22.54		
15	16QAM	1	37	22.48	22.63	22.45	23.7	0
15	16QAM	1	74	22.45	22.46	22.36		
15	16QAM	36	0	22.49	22.64	22.58		
15	16QAM	36	20	22.46	22.62	22.54	23.7	0
15	16QAM	36	39	22.56	22.59	22.56		
15	16QAM	75	0	22.47	22.63	22.40		
15	64QAM	1	0	22.52	22.59	22.60		
15	64QAM	1	37	22.61	22.53	22.59	23.7	0
15	64QAM	1	74	22.51	22.59	22.64		
15	64QAM	36	0	21.42	21.62	21.45		
15	64QAM	36	20	21.42	21.62	21.58	22.7	1
15	64QAM	36	39	21.57	21.64	21.49		
15	64QAM	75	0	21.52	21.56	21.41		
15	256QAM	1	0	19.21	19.54	19.28		
15	256QAM	1	37	19.44	19.51	19.35	20.7	3
15	256QAM	1	74	19.45	19.48	19.48		
15	256QAM	36	0	19.50	19.66	19.64		
15	256QAM	36	20	19.46	19.58	19.53	20.7	3
15	256QAM	36	39	19.53	19.58	19.56		
15	256QAM	75	0	19.45	19.57	19.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.57	22.52	23.7	0
10	QPSK	1	25	22.41	22.58	22.49		
10	QPSK	1	49	22.44	22.52	22.36		
10	QPSK	25	0	22.58	22.65	22.54		
10	QPSK	25	12	22.44	22.62	22.52		
10	QPSK	25	25	22.50	22.62	22.62		
10	QPSK	50	0	22.54	22.64	22.46		
10	16QAM	1	0	22.40	22.61	22.42		
10	16QAM	1	25	22.50	22.62	22.52	23.7	0
10	16QAM	1	49	22.45	22.51	22.45		
10	16QAM	25	0	22.47	22.61	22.53		
10	16QAM	25	12	22.56	22.61	22.49	23.7	0
10	16QAM	25	25	22.51	22.58	22.46		
10	16QAM	50	0	22.38	22.65	22.52		
10	64QAM	1	0	22.51	22.57	22.45		
10	64QAM	1	25	22.55	22.65	22.57	23.7	0
10	64QAM	1	49	22.51	22.63	22.54		
10	64QAM	25	0	21.49	21.68	21.50		
10	64QAM	25	12	21.48	21.62	21.52	22.7	1
10	64QAM	25	25	21.65	21.60	21.51		
10	64QAM	50	0	21.54	21.64	21.41		
10	256QAM	1	0	19.24	19.54	19.34		
10	256QAM	1	25	19.39	19.49	19.48	20.7	3
10	256QAM	1	49	19.39	19.43	19.44		
10	256QAM	25	0	19.54	19.56	19.60		
10	256QAM	25	12	19.37	19.71	19.51	20.7	3
10	256QAM	25	25	19.50	19.62	19.59		
10	256QAM	50	0	19.46	19.61	19.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.53	22.56	22.64	23.7	0
5	QPSK	1	12	22.34	22.56	22.56		
5	QPSK	1	24	22.32	22.57	22.35		
5	QPSK	12	0	22.51	22.58	22.53		
5	QPSK	12	7	22.34	22.55	22.51	23.7	0
5	QPSK	12	13	22.51	22.57	22.64		
5	QPSK	25	0	22.46	22.56	22.46		
5	16QAM	1	0	22.48	22.55	22.43		
5	16QAM	1	12	22.42	22.55	22.57	23.7	0
5	16QAM	1	24	22.51	22.49	22.43		
5	16QAM	12	0	22.49	22.54	22.59		
5	16QAM	12	7	22.58	22.55	22.44	23.7	0
5	16QAM	12	13	22.50	22.61	22.49		
5	16QAM	25	0	22.45	22.57	22.52		
5	64QAM	1	0	22.48	22.59	22.53		
5	64QAM	1	12	22.48	22.58	22.53	23.7	0
5	64QAM	1	24	22.48	22.55	22.59		
5	64QAM	12	0	21.47	21.71	21.48		
5	64QAM	12	7	21.49	21.75	21.59	22.7	1
5	64QAM	12	13	21.67	21.57	21.48		
5	64QAM	25	0	21.47	21.60	21.45		
5	256QAM	1	0	19.26	19.48	19.30		
5	256QAM	1	12	19.41	19.61	19.46	20.7	3
5	256QAM	1	24	19.46	19.41	19.52		
5	256QAM	12	0	19.50	19.65	19.56		
5	256QAM	12	7	19.47	19.63	19.62	20.7	3
5	256QAM	12	13	19.45	19.69	19.63		
5	256QAM	25	0	19.53	19.57	19.49		

Band 41_Ant 0

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	2543.5	2593	2636.5	2680		
20	QPSK	1	0	19.91	19.92	20.01	19.92	19.96	21	0
20	QPSK	1	49	19.84	19.91	19.97	19.92	19.93		
20	QPSK	1	99	19.92	19.99	20	19.89	19.88		
20	QPSK	50	0	19.76	19.91	19.92	19.81	19.72		
20	QPSK	50	24	19.72	19.77	19.76	19.77	19.85	21	0
20	QPSK	50	50	19.79	19.71	19.79	19.82	19.81		
20	QPSK	100	0	19.71	19.8	19.89	19.8	19.82		
20	16QAM	1	0	19.75	19.83	19.77	19.78	19.73	21	0
20	16QAM	1	49	19.7	19.75	19.72	19.66	19.7		
20	16QAM	1	99	19.72	19.87	19.81	19.71	19.65		
20	16QAM	50	0	19.71	19.76	19.77	19.79	19.64	21	0
20	16QAM	50	24	19.72	19.85	19.81	19.78	19.68		
20	16QAM	50	50	19.81	19.84	19.78	19.7	19.74		
20	16QAM	100	0	19.73	19.79	19.86	19.65	19.61		
20	64QAM	1	0	19.76	19.83	19.81	19.67	19.65	21	0
20	64QAM	1	49	19.77	19.8	19.77	19.75	19.69		
20	64QAM	1	99	19.73	19.8	19.81	19.74	19.61		
20	64QAM	50	0	18.64	18.72	18.79	18.59	18.56	20	1
20	64QAM	50	24	18.6	18.7	18.77	18.65	18.56		
20	64QAM	50	50	18.66	18.78	18.66	18.62	18.53		
20	64QAM	100	0	18.63	18.78	18.71	18.58	18.63		
20	256QAM	1	0	16.54	16.68	16.62	16.50	16.54	18	3
20	256QAM	1	49	16.57	16.71	16.72	16.54	16.57		
20	256QAM	1	99	16.49	16.73	16.67	16.57	16.50		
20	256QAM	50	0	16.55	16.74	16.76	16.57	16.43		
20	256QAM	50	24	16.56	16.66	16.77	16.50	16.52	18	3
20	256QAM	50	50	16.56	16.63	16.66	16.53	16.58		
20	256QAM	100	0	16.60	16.70	16.67	16.52	16.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593	2637.8	2682.5		
15	QPSK	1	0	19.79	19.84	19.99	19.8	19.86	21.00	0
15	QPSK	1	37	19.74	19.82	19.87	19.81	19.87		
15	QPSK	1	74	19.89	19.88	19.9	19.81	19.81		
15	QPSK	36	0	19.73	19.79	19.81	19.69	19.61	21	0
15	QPSK	36	20	19.67	19.71	19.68	19.74	19.82		
15	QPSK	36	39	19.73	19.62	19.69	19.71	19.79		
15	QPSK	75	0	19.6	19.69	19.8	19.73	19.78		
15	16QAM	1	0	19.71	19.77	19.73	19.67	19.61	21	0
15	16QAM	1	37	19.59	19.71	19.65	19.56	19.62		
15	16QAM	1	74	19.69	19.81	19.77	19.6	19.54		
15	16QAM	36	0	19.6	19.66	19.74	19.7	19.54	21	0
15	16QAM	36	20	19.7	19.78	19.76	19.68	19.63		
15	16QAM	36	39	19.7	19.77	19.72	19.58	19.62		
15	16QAM	75	0	19.59	19.7	19.84	19.57	19.57		
15	64QAM	1	0	19.72	19.78	19.7	19.65	19.62	21	0
15	64QAM	1	37	19.66	19.74	19.73	19.70	19.59		
15	64QAM	1	74	19.66	19.76	19.69	19.68	19.49		
15	64QAM	36	0	18.62	18.61	18.69	18.51	18.52	20	1
15	64QAM	36	20	18.49	18.64	18.73	18.58	18.44		
15	64QAM	36	39	18.55	18.76	18.58	18.54	18.43		
15	64QAM	75	0	18.54	18.70	18.63	18.52	18.57		
15	256QAM	1	0	16.51	16.65	16.53	16.46	16.48	18	3
15	256QAM	1	37	16.48	16.61	16.66	16.42	16.51		
15	256QAM	1	74	16.42	16.68	16.57	16.52	16.46		
15	256QAM	36	0	16.46	16.64	16.70	16.47	16.34	18	3
15	256QAM	36	20	16.45	16.57	16.72	16.44	16.43		
15	256QAM	36	39	16.49	16.56	16.60	16.45	16.52		
15	256QAM	75	0	16.48	16.63	16.62	16.50	16.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.84	19.83	19.89	19.81	19.88	21.00	0
10	QPSK	1	25	19.81	19.86	19.93	19.81	19.83		
10	QPSK	1	49	19.9	19.91	19.88	19.82	19.78		
10	QPSK	25	0	19.86	19.8	19.82	19.74	19.7	21	0
10	QPSK	25	12	19.63	19.73	19.7	19.74	19.81		
10	QPSK	25	25	19.69	19.6	19.72	19.7	19.75		
10	QPSK	50	0	19.64	19.76	19.78	19.7	19.77		
10	16QAM	1	0	19.66	19.81	19.67	19.73	19.61	21	0
10	16QAM	1	25	19.68	19.68	19.66	19.8	19.6		
10	16QAM	1	49	19.63	19.85	19.72	19.67	19.57		
10	16QAM	25	0	19.66	19.69	19.73	19.73	19.59	21	0
10	16QAM	25	12	19.62	19.78	19.76	19.69	19.58		
10	16QAM	25	25	19.7	19.8	19.69	19.58	19.63		
10	16QAM	50	0	19.61	19.74	19.77	19.57	19.55		
10	64QAM	1	0	19.67	19.73	19.72	19.58	19.60	21	0
10	64QAM	1	25	19.71	19.78	19.69	19.69	19.62		
10	64QAM	1	49	19.63	19.76	19.74	19.68	19.54		
10	64QAM	25	0	18.52	18.70	18.70	18.56	18.48	20	1
10	64QAM	25	12	18.57	18.66	18.74	18.60	18.45		
10	64QAM	25	25	18.69	18.74	18.83	18.52	18.43		
10	64QAM	50	0	18.53	18.66	18.60	18.47	18.54		
10	256QAM	1	0	16.51	16.60	16.50	16.44	16.45	18	3
10	256QAM	1	25	16.47	16.62	16.64	16.52	16.48		
10	256QAM	1	49	16.41	16.61	16.62	16.46	16.46		
10	256QAM	25	0	16.48	16.67	16.74	16.48	16.32	18	3
10	256QAM	25	12	16.48	16.58	16.68	16.48	16.44		
10	256QAM	25	25	16.53	16.54	16.55	16.41	16.50		
10	256QAM	50	0	16.54	16.65	16.65	16.41	16.43		
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	19.89	19.81	19.97	19.87	19.86	21.00	0
5	QPSK	1	12	19.77	19.84	19.95	19.81	19.84		
5	QPSK	1	24	19.81	19.93	19.89	19.86	19.77		
5	QPSK	12	0	19.72	19.83	19.9	19.71	19.68	21	0
5	QPSK	12	7	19.69	19.67	19.7	19.75	19.78		
5	QPSK	12	13	19.72	19.61	19.7	19.77	19.7		
5	QPSK	25	0	19.68	19.73	19.78	19.69	19.78		
5	16QAM	1	0	19.7	19.76	19.75	19.66	19.64	21	0
5	16QAM	1	12	19.6	19.71	19.69	19.8	19.65		
5	16QAM	1	24	19.63	19.8	19.74	19.6	19.63		
5	16QAM	12	0	19.67	19.65	19.7	19.76	19.59	21	0
5	16QAM	12	7	19.64	19.75	19.7	19.7	19.62		
5	16QAM	12	13	19.79	19.72	19.71	19.58	19.72		
5	16QAM	25	0	19.69	19.67	19.77	19.56	19.55		
5	64QAM	1	0	19.68	19.81	19.73	19.55	19.62	21	0
5	64QAM	1	12	19.73	19.69	19.67	19.72	19.57		
5	64QAM	1	24	19.61	19.69	19.71	19.68	19.51		
5	64QAM	12	0	18.56	18.62	18.75	18.56	18.48	20	1
5	64QAM	12	7	18.54	18.64	18.66	18.63	18.48		
5	64QAM	12	13	18.57	18.67	18.62	18.55	18.47		
5	64QAM	25	0	18.53	18.70	18.62	18.51	18.61		
5	256QAM	1	0	16.44	16.61	16.50	16.44	16.48	18	3
5	256QAM	1	12	16.47	16.60	16.69	16.44	16.54		
5	256QAM	1	24	16.46	16.65	16.58	16.54	16.46		
5	256QAM	12	0	16.51	16.71	16.65	16.55	16.37	18	3
5	256QAM	12	7	16.45	16.64	16.68	16.42	16.47		
5	256QAM	12	13	16.47	16.53	16.56	16.50	16.48		
5	256QAM	25	0	16.54	16.61	16.60	16.41	16.48		

Band 41_Ant 1

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	2543.5	2593	2636.5	2680		
20	QPSK	1	0	20.91	20.78	21.16	20.83	20.84	22	0
20	QPSK	1	49	21.01	20.85	20.73	20.8	20.85		
20	QPSK	1	99	20.91	20.73	20.63	20.68	20.68		
20	QPSK	50	0	20.96	20.94	20.98	20.81	20.78		
20	QPSK	50	24	20.93	20.96	20.79	20.86	20.85	22	0
20	QPSK	50	50	20.95	20.87	20.74	20.94	20.86		
20	QPSK	100	0	21.1	20.99	21.11	20.95	20.72		
20	16QAM	1	0	21.13	20.82	20.82	21.11	21.02	22	0
20	16QAM	1	49	21.07	21.03	20.57	20.73	20.93		
20	16QAM	1	99	20.67	20.93	20.94	20.52	20.86		
20	16QAM	50	0	21.14	21.05	20.77	20.91	20.87	22	0
20	16QAM	50	24	21.11	21.15	20.84	20.81	20.87		
20	16QAM	50	50	21.05	20.98	20.98	20.9	20.91		
20	16QAM	100	0	21.05	21.08	20.86	20.94	20.92		
20	64QAM	1	0	21.06	21.07	20.82	20.77	20.94	22	0
20	64QAM	1	49	20.64	20.9	20.73	20.81	21.05		
20	64QAM	1	99	21.07	20.54	20.43	20.6	20.88		
20	64QAM	50	0	21.04	20.95	20.86	20.64	20.79	21	1
20	64QAM	50	24	21.12	21.03	20.84	20.89	20.84		
20	64QAM	50	50	21.07	21	20.78	20.89	20.88		
20	64QAM	100	0	21.14	21.02	20.9	21	20.87		
20	256QAM	1	0	18.01	17.83	18.16	17.78	17.76	19	3
20	256QAM	1	49	17.97	17.88	18.00	17.78	17.81		
20	256QAM	1	99	17.86	17.79	17.95	17.64	17.50		
20	256QAM	50	0	17.97	17.88	18.11	17.72	17.73	19	3
20	256QAM	50	24	17.99	17.89	18.14	17.69	17.67		
20	256QAM	50	50	17.93	17.85	18.09	17.69	17.64		
20	256QAM	100	0	17.94	17.89	18.14	17.69	17.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593	2637.8	2682.5		
15	QPSK	1	0	20.85	20.73	21.14	20.73	20.75	22.00	0
15	QPSK	1	37	20.9	20.83	20.67	20.75	20.73		
15	QPSK	1	74	20.81	20.65	20.56	20.64	20.62		
15	QPSK	36	0	20.85	20.86	20.92	20.78	20.7	22	0
15	QPSK	36	20	20.86	20.89	20.74	20.76	20.82		
15	QPSK	36	39	20.92	20.77	20.71	20.88	20.84		
15	QPSK	75	0	21.05	20.9	21.01	20.86	20.63		
15	16QAM	1	0	21.09	20.7	20.76	21.07	20.99	22	0
15	16QAM	1	37	20.97	21	20.55	20.66	20.88		
15	16QAM	1	74	20.59	20.82	20.83	20.49	20.74		
15	16QAM	36	0	21.02	21.03	20.69	20.83	20.76	22	0
15	16QAM	36	20	21.02	21.07	20.81	20.79	20.81		
15	16QAM	36	39	20.94	20.91	20.91	20.84	20.79		
15	16QAM	75	0	20.99	21.04	20.79	20.89	20.89		
15	64QAM	1	0	20.98	21.02	20.76	20.69	20.89	22	0
15	64QAM	1	37	20.52	20.83	20.71	20.79	20.93		
15	64QAM	1	74	21.03	20.46	20.38	20.54	20.76		
15	64QAM	36	0	20.98	20.92	20.74	20.6	20.74	21	1
15	64QAM	36	20	21.06	20.94	20.73	20.84	20.73		
15	64QAM	36	39	20.96	20.9	20.75	20.8	20.76		
15	64QAM	75	0	21.11	21	20.85	20.96	20.78		
15	256QAM	1	0	17.97	17.76	18.12	17.71	17.69	19	3
15	256QAM	1	37	17.91	17.85	17.90	17.73	17.53		
15	256QAM	1	74	17.81	17.69	17.87	17.54	17.46		
15	256QAM	36	0	17.88	17.86	18.09	17.67	17.68	19	3
15	256QAM	36	20	17.94	17.82	18.04	17.67	17.63		
15	256QAM	36	39	17.87	17.74	17.97	17.64	17.52		
15	256QAM	75	0	17.86	17.78	18.06	17.57	17.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.85	20.74	21.13	20.8	20.78	22.00	0
10	QPSK	1	25	20.93	20.8	20.61	20.78	20.79		
10	QPSK	1	49	20.82	20.61	20.59	20.63	20.64		
10	QPSK	25	0	20.94	20.86	20.93	20.73	20.7	22	0
10	QPSK	25	12	20.86	20.91	20.68	20.75	20.83		
10	QPSK	25	25	20.83	20.82	20.83	20.9	20.81		
10	QPSK	50	0	21.06	20.9	21	20.89	20.7		
10	16QAM	1	0	21.11	20.7	20.77	20.99	20.98	22	0
10	16QAM	1	25	21.05	21.01	20.79	20.7	20.87		
10	16QAM	1	49	20.65	20.85	20.84	20.43	20.77		
10	16QAM	25	0	21.07	20.94	20.66	20.83	20.75	22	0
10	16QAM	25	12	21.04	21.05	20.81	20.69	20.76		
10	16QAM	25	25	20.95	20.88	20.89	20.81	20.86		
10	16QAM	50	0	20.95	20.97	20.81	20.89	20.81		
10	64QAM	1	0	21.04	20.98	20.73	20.74	20.86	22	0
10	64QAM	1	25	20.58	20.81	20.67	20.79	21.02		
10	64QAM	1	49	21.04	20.5	20.36	20.53	20.86		
10	64QAM	25	0	20.96	20.88	20.

Band 41_Ant 2

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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	23	23.26	23.56	23.3	23.12	24.5	0
20	QPSK	1	49	23.11	23.4	22.93	23.07	23.26		
20	QPSK	1	99	22.83	23.18	23.03	23	23.07		
20	QPSK	50	0	23.02	23.39	23.45	23.17	23.29	24.5	0
20	QPSK	50	24	23.03	23.42	23.27	23.39	23.26		
20	QPSK	50	50	23.15	23.43	23.25	23.32	23.21		
20	QPSK	100	0	23.14	23.34	23.36	23.21	23.23		
20	16QAM	1	0	22.94	23.29	22.85	23.48	23.45	24.5	0
20	16QAM	1	49	23.06	23.14	23.45	23.33	23.21		
20	16QAM	1	99	22.73	23.05	23.43	23.07	23.18		
20	16QAM	50	0	21.99	22.38	22.24	22.33	22.31	23.5	1
20	16QAM	50	24	22.19	22.56	22.23	22.36	22.21		
20	16QAM	50	50	22.01	22.46	22.34	22.25	22.27		
20	16QAM	100	0	22.04	22.39	22.27	22.32	22.33		
20	64QAM	1	0	21.85	22.35	22.41	22.27	22.38	23.5	1
20	64QAM	1	49	22.22	22.36	22.07	21.85	22.07		
20	64QAM	1	99	21.93	22.1	22.09	22.02	21.72		
20	64QAM	50	0	20.99	21.42	21.15	21.25	21.3	22.5	2
20	64QAM	50	24	20.93	21.45	21.06	21.21	21.28		
20	64QAM	50	50	21.15	21.27	21.26	21.2	21.18		
20	64QAM	100	0	21	21.4	21.34	21.27	21.21		
20	256QAM	1	0	19.53	19.58	19.71	19.59	19.59	20.5	4
20	256QAM	1	49	19.09	19.26	19.46	19.20	19.23		
20	256QAM	1	99	19.40	19.35	19.45	19.40	19.43		
20	256QAM	50	0	19.47	19.36	19.53	19.37	19.39	20.5	4
20	256QAM	50	24	19.48	19.55	19.62	19.54	19.50		
20	256QAM	50	50	19.29	19.48	19.44	19.39	19.43		
20	256QAM	100	0	19.65	19.50	19.48	19.51	19.39		
	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	22.94	23.24	23.44	23.19	23.06	24.50	0
15	QPSK	1	37	23	23.33	22.81	22.99	23.25		
15	QPSK	1	74	22.72	23.06	23	22.96	22.98		
15	QPSK	36	0	22.99	23.35	23.37	23.11	23.25	24.5	0
15	QPSK	36	20	22.93	23.35	23.22	23.37	23.19		
15	QPSK	36	39	23.08	23.34	23.23	23.28	23.19		
15	QPSK	75	0	23.09	23.22	23.3	23.18	23.19		
15	16QAM	1	0	22.83	23.22	22.77	23.45	23.38	24.5	0
15	16QAM	1	37	23.01	23.12	23.42	23.23	23.14		
15	16QAM	1	74	22.62	22.98	23.32	22.98	23.09		
15	16QAM	36	0	21.89	22.26	22.22	22.21	22.24	23.5	1
15	16QAM	36	20	22.16	22.51	22.13	22.32	22.19		
15	16QAM	36	39	21.89	22.43	22.24	22.18	22.25		
15	16QAM	75	0	21.95	22.27	22.19	22.21	22.22		
15	64QAM	1	0	21.81	22.32	22.35	22.16	22.31	23.5	1
15	64QAM	1	37	22.16	22.28	22.01	21.78	22.03		
15	64QAM	1	74	21.91	21.99	22.06	21.99	21.65		
15	64QAM	36	0	20.90	21.33	21.07	21.14	21.24	22.5	2
15	64QAM	36	20	20.81	21.34	20.98	21.16	21.18		
15	64QAM	36	39	21.04	21.20	21.23	21.12	21.08		
15	64QAM	75	0	20.94	21.32	21.31	21.17	21.18		
15	256QAM	1	0	19.51	19.50	19.66	19.54	19.52	20.5	4
15	256QAM	1	37	19.05	19.14	19.43	19.17	19.19		
15	256QAM	1	74	19.31	19.31	19.42	19.31	19.33		
15	256QAM	36	0	19.43	19.26	19.44	19.26	19.30	20.5	4
15	256QAM	36	20	19.46	19.53	19.58	19.49	19.40		
15	256QAM	36	39	19.21	19.36	19.40	19.34	19.31		
15	256QAM	75	0	19.54	19.45	19.38	19.41	19.36		
	Channel			39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2501	2547	2593	2639	2685		
10	QPSK	1	0	22.91	23.21	23.49	23.23	23.1	24.50	0
10	QPSK	1	25	23	23.34	22.9	22.98	23.17		
10	QPSK	1	49	22.81	23.13	22.91	22.94	22.98		
10	QPSK	25	0	22.93	23.3	23.42	23.11	23.19	24.5	0
10	QPSK	25	12	22.93	23.39	23.23	23.36	23.23		
10	QPSK	25	25	23.13	23.34	23.21	23.28	23.13		
10	QPSK	50	0	23.05	23.3	23.33	23.1	23.16		
10	16QAM	1	0	22.88	23.26	22.78	23.36	23.4	24.5	0
10	16QAM	1	25	23.03	23.06	23.4	23.31	23.19		
10	16QAM	1	49	22.66	22.93	23.4	23.02	23.08		
10	16QAM	25	0	21.88	22.36	22.19	22.23	22.27	23.5	1
10	16QAM	25	12	22.12	22.54	22.12	22.28	22.13		
10	16QAM	25	25	21.98	22.44	22.26	22.2	22.23		
10	16QAM	50	0	22.02	22.37	22.24	22.22	22.25		
10	64QAM	1	0	21.79	22.25	22.39	22.15	22.26	23.5	1
10	64QAM	1	25	22.14	22.29	22.00	21.82	21.99		
10	64QAM	1	49	21.85	22.02	22.00	21.95	21.64		
10	64QAM	25	0	20.87	21.36	21.12	21.23	21.20	22.5	2
10	64QAM	25	12	20.81	21.38	20.95	21.19	21.23		
10	64QAM	25	25	21.03	21.25	21.17	21.10	21.13		
10	64QAM	50	0	20.95	21.35	21.31	21.19	21.12		
10	256QAM	1	0	19.51	19.50	19.67	19.56	19.53	20.5	4
10	256QAM	1	25	19.02	19.17	19.41	19.10	19.18		
10	256QAM	1	49	19.33	19.33	19.42	19.29	19.33		
10	256QAM	25	0	19.40	19.28	19.50	19.27	19.35	20.5	4
10	256QAM	25	12	19.37	19.46	19.50	19.52	19.45		
10	256QAM	25	25	19.22	19.44	19.40	19.32	19.32		
10	256QAM	50	0	19.57	19.44	19.41	19.42	19.37		
	Channel			39675	40135	40595	41055	41515	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.98	23.16	23.52	23.23	23.02	24.50	0
5	QPSK	1	12	23	23.36	22.87	22.95	23.21		
5	QPSK	1	24	22.73	23.08	22.93	22.88	23.02		
5	QPSK	12	0	22.98	23.36	23.37	23.08	23.26	24.5	0
5	QPSK	12	7	22.94	23.35	23.22	23.3	23.17		
5	QPSK	12	13	23.06	23.34	23.16	23.26	23.19		
5	QPSK	25	0	23.04	23.25	23.24	23.09	23.12		
5	16QAM	1	0	22.91	23.26	22.8	23.44	23.43	24.5	0
5	16QAM	1	12	22.94	23.12	23.36	23.22	23.12		
5	16QAM	1	24	22.65	22.99	23.37	23.01	23.13		
5	16QAM	12	0	21.89	22.27	22.18	22.28	22.25	23.5	1
5	16QAM	12	7	22.17	22.53	22.13	22.3	22.13		
5	16QAM	12	13	21.9	22.42	22.26	22.16	22.24		
5	16QAM	25	0	21.92	22.28	22.24	22.21	22.29		
5	64QAM	1	0	21.79	22.28	22.29	22.19	22.34	23.5	1
5	64QAM	1	12	22.14	22.34	22.05	21.75	21.97		
5	64QAM	1	24	21.89	22.07	22.03	21.90	21.68		
5	64QAM	12	0	20.94	21.38	21.12	21.14	21.24	22.5	2
5	64QAM	12	7	20.90	21.37	20.96	21.12	21.17		
5	64QAM	12	13	21.04	21.24	21.24	21.18	21.08		
5	64QAM	25	0	20.93	21.33	21.22	21.21	21.14		
5	256QAM	1	0	19.51	19.49	19.65	19.51	19.50	20.5	4
5	256QAM	1	12	19.01	19.22	19.34	19.12	19.18		
5	256QAM	1	24	19.28	19.29	19.40	19.32	19.33		
5	256QAM	12	0	19.43	19.27	19.44	19.32	19.30	20.5	4
5	256QAM	12	7	19.46	19.49	19.50	19.52	19.39		
5	256QAM	12	13	19.17	19.46	19.33	19.33	19.38		
5	256QAM	25	0	19.53	19.42	19.36	19.45	19.34		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			39750	40185	40620	41055	41490		
	Frequency (MHz)			2506	2548.5	2593	2636.5	2680		
20	QPSK	1	0	23.08	23.24	23.3	23.26	23.24	24.5	0
20	QPSK	1	49	23.13	23.12	23.21	23.08	23.08		
20	QPSK	1	99	23.01	23.01	23.14	23.03	23.08		
20	QPSK	50	0	23.14	23.22	23.26	23.26	23.16	24.5	0
20	QPSK	50	24	23.05	23.13	23.25	23.12	23.21		
20	QPSK	50	50	23.07	23.16	23.25	23.1	23.24		
20	QPSK	100	0	23.18	23.26	23.28	23.22	23.22		
20	16QAM	1	0	23.2	23.29	23.29	23.19	23.16	24.5	0
20	16QAM	1	49	23.14	23.18	23.24	23.1	23.13		
20	16QAM	1	99	23.08	23.22	23.22	23.08	23.2		
20	16QAM	50	0	22.18	22.34	22.36	22.35	22.27	23.5	1
20	16QAM	50	24	22.37	22.44	22.44	22.43	22.4		
20	16QAM	50	50	22.17	22.3	22.37	22.28	22.3		
20	16QAM	100	0	22.32	22.37	22.42	22.3	22.31		
20	64QAM	1	0	22.47	22.38	22.52	22.43	22.44	23.5	1
20	64QAM	1	49	22.15	22.28	22.31	22.27	22.23		
20	64QAM	1	99	22.25	22.29	22.38	22.25	22.3		
20	64QAM	50	0	21.23	21.29	21.38	21.28	21.31	22.5	2
20	64QAM	50	24	21.35	21.27	21.41	21.36	21.29		
20	64QAM	50	50	21.21	21.29	21.37	21.35	21.32		
20	64QAM	100	0	21.22	21.37	21.42	21.39	21.34		
20	256QAM	1	0	19.20	19.11	19.25	19.21	19.10	20.5	4
20	256QAM	1	49	19.14	19.13	19.26	19.18	19.17		
20	256QAM	1	99	19.16	19.14	19.29	19.28	19.20		
20	256QAM	50	0	19.22	19.23	19.34	19.19	19.33	20.5	4
20	256QAM	50	24	19.31	19.26	19.38	19.34	19.33		
20	256QAM	50	50	19.29	19.29	19.35	19.21	19.35		
20	256QAM	100	0	19.25	19.30	19.36	19.23	19.24		
	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	23.02	23.20	23.29	23.22	23.22	24.50	0
15	QPSK	1	37	23.17	23.03	23.25	22.98	23.12		
15	QPSK	1	74	22.91	22.92	23.18	22.97	23.07		
15	QPSK	36	0	23.13	23.26	23.17	23.19	23.13	24.5	0
15	QPSK	36	20	23.06	23.05	23.16	23.11	23.11		
15	QPSK	36	39	23.09	23.09	23.28	23.06	23.25		
15	QPSK	75	0	23.11	23.19	23.25	23.12	23.23		
15	16QAM	1	0	23.13	23.28	23.22	23.24	23.20	24.5	0
15	16QAM	1	37	23.06	23.22	23.28	23.05	23.07		
15	16QAM	1	74	23.09	23.26	23.18	23.05	23.14		
15	16QAM	36	0	22.11	22.34	22.40	22.30	22.24	23.5	1
15	16QAM	36	20	22.32	22.42	22.47	22.40	22.33		
15	16QAM	36	39	22.13	22.29	22.33	22.22	22.28		
15	16QAM	75	0	22.22	22.39	22.37	22.32	22.23		
15	64QAM	1	0	22.43	22.31	22.57	22.40	22.42	23.5	1
15	64QAM	1	37	22.07	22.26	22.34	22.32	22.22		
15	64QAM	1	74	22.16	22.22	22.37	22.19	22.29		
15	64QAM	36	0	21.20	21.25	21.36	21.22	21.26	22.5	2
15	64QAM	36	20	21.35	21.26	21.42	21.28	21.24		
15	64QAM	36	39	21.19	21.22	21.39	21.34	21.26		
15	64QAM	75	0	21.13	21.28	21.36	21.43	21.30		
15	256QAM	1	0	19.23	19.08	19.17	19.25	19.07	20.5	4
15	256QAM	1	37	19.14	19.12	19.23	19.10	19.12		
15	256QAM	1	74	19.19	19.10	19.34	19.33	19.23		
15	256QAM	36	0	19.12	19.24	19.39	19.23	19.33	20.5	4
15	256QAM	36	20	19.25	19.31	19.39	19.33	19.31		
15	256QAM	36	39	19.25	19.34	19.29	19.14	19.40		
15	256QAM	75	0	19.16	19.34	19.27	19.15	19.15		
	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	23.20	23.24	23.25	23.18	24.50	0
10	QPSK	1	25	23.07	23.10	23.13	23.10	23.09		
10	QPSK	1	49	22.91	23.06	23.12	23.06	23.03		
10	QPSK	25	0	23.16	23.26	23.22	23.20	23.15	24.5	0
10	QPSK	25	12	23.02	23.09	23.29	23.02	23.12		
10	QPSK	25	25	23.08	23.15	23.27	23.12	23.23		
10	QPSK	50	0	23.14	23.28	23.21	23.16	23.17		
10	16QAM	1	0	23.18	23.25	23.30	23.23	23.18	24.5	0
10	16QAM	1	25	23.10	23.16	23.15	23.03	23.10		
10	16QAM	1	49	23.13	23.23	23.17	23.13	23.17		
10	16QAM	25	0	22.09	22.36	22.36	22.35	22.20	23.5	1
10	16QAM	25	12	22.35	22.46	22.39	22.37	22.33		
10	16QAM	25	25	22.17	22.29	22.40	22.29	22.27		
10	16QAM	50	0	22.32	22.30	22.41	22.22	22.33		
10	64QAM	1	0	22.37	22.42	22.49	22.35	22.44	23.5	1
10	64QAM	1	25	22.16	22.28	22.23	22.18	22.20		
10	64QAM	1	49	22.16	22.21	22.37	22.19	22.25		
10	64QAM	25	0	21.23	21.27	21.28	21.29	21.22	22.5	2
10	64QAM	25	12	21.32	21.29	21.45	21.39	21.32		
10	64QAM	25	25	21.21	21.20	21.34	21.38	21.36		
10	64QAM	50	0	21.12	21.36	21.38	21.31	21.33		
10	256QAM	1	0	19.13	19.16	19.22	19.23	19.13	20.5	4
10	256QAM	1	25	19.11	19.07	19.31	19.13	19.08		
10	256QAM	1	49	19.10	19.08	19.31	19.27	19.13		
10	256QAM	25	0	19.14	19.21	19.30	19.17	19.24	20.5	4
10	256QAM	25	12	19.36	19.34	19.28	19.32	19.27		
10	256QAM	25	25	19.26	19.25	19.28	19.13	19.28		
10	256QAM	50	0	19.28	19.30	19.27	19.22	19.17		
	Channel			39675	40135	40595	41055	41515	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.98	23.20	23.25	23.19	23.15	24.50	0
5	QPSK	1	12	23.06	23.05	23.23	23.06	23.04		
5	QPSK	1	24	22.98	22.99	23.05	23.01	23.05		
5	QPSK	12	0	23.04	23.20	23.19	23.25	23.11	24.5	0
5	QPSK	12	7	23.08	23.04	23.20	23.04	23.20		
5	QPSK	12	13	23.07	23.15	23.27	23.10	23.17		
5	QPSK	25	0	23.14	23.23	23.29	23.26	23.13		
5	16QAM	1	0	23.21	23.27	23.23	23.23	23.12	24.5	0
5	16QAM	1	12	23.17	23.15	23.14	23.15	23.04		
5	16QAM	1	24	23.00	23.24	23.20	23.11	23.25		
5	16QAM	12	0	22.12	22.32	22.33	22.39	22.20	23.5	1
5	16QAM	12	7	22.42	22.34	22.43	22.35	22.30		
5	16QAM	12	13	22.07	22.28	22.33	22.27	22.31		
5	16QAM	25	0	22.34	22.33	22.45	22.21	22.36		
5	64QAM	1	0	22.50	22.42	22.50	22.38	22.34	23.5	1
5	64QAM	1	12	22.06	22.26	22.27	22.21	22.22		
5	64QAM	1	24	22.16	22.28	22.43	22.20	22.32		
5	64QAM	12	0	21.21	21.23	21.43	21.18	21.28	22.5	2
5	64QAM	12	7	21.37	21.18	21.38	21.28	21.33		
5	64QAM	12	13	21.22	21.30	21.37	21.26	21.31		
5	64QAM	25	0	21.25	21.41	21.43	21.43	21.29		
5	256QAM	1	0	19.23	19.11	19.24	19.22	19.15	20.5	4
5	256QAM	1	12	19.15	19.09	19.16	19.17	19.08		
5	256QAM	1	24	19.13	19.14	19.20	19.32	19.18		
5	256QAM	12	0	19.19	19.25	19.27	19.18	19.29	20.5	4
5	256QAM	12	7	19.25	19.22	19.30	19.27	19.24		
5	256QAM	12	13	19.33	19.27	19.34	19.13	19.27		
5	256QAM	25	0	19.30	19.31	19.32	19.23	19.18		

Reduced DSI4 Power for CA&EN-DC LTE Main PA

Band 2_Ant 2

BW [MHz]	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	24.47	24.48	24.45	25.5	0
20	QPSK	1	49	24.11	24.16	24.07		
20	QPSK	1	99	23.99	24.10	23.91		
20	QPSK	50	0	23.21	23.27	23.08	24.5	1
20	QPSK	50	24	23.06	23.15	23.03		
20	QPSK	50	50	23.18	23.20	23.00		
20	QPSK	100	0	23.11	23.13	23.05		
20	16QAM	1	0	23.16	23.08	23.66	24.5	1
20	16QAM	1	49	23.54	23.03	23.66		
20	16QAM	1	99	22.97	23.61	23.24		
20	16QAM	50	0	21.98	22.00	22.11	23.5	2
20	16QAM	50	24	22.00	22.10	22.10		
20	16QAM	50	50	22.07	22.20	22.08		
20	16QAM	100	0	22.06	22.11	22.01		
20	64QAM	1	0	22.31	22.47	22.40	23.5	2
20	64QAM	1	49	22.42	22.22	22.40		
20	64QAM	1	99	21.94	22.24	22.20		
20	64QAM	50	0	21.06	21.16	21.06	22.5	3
20	64QAM	50	24	21.16	21.09	21.12		
20	64QAM	50	50	21.01	21.27	21.11		
20	64QAM	100	0	21.10	21.17	21.09		
15	256QAM	1	0	19.35	19.37	19.34	20.5	5
15	256QAM	1	49	19.38	19.50	19.58		
15	256QAM	1	99	19.33	19.35	19.51		
15	256QAM	50	0	19.28	19.36	19.32		
15	256QAM	50	24	19.26	19.10	19.26		
15	256QAM	50	50	19.34	19.27	19.35		
15	256QAM	100	0	19.25	19.32	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.13	24.15	25.5	0
15	QPSK	1	37	23.94	24.19	24.11		
15	QPSK	1	74	24.07	23.97	24.05		
15	QPSK	36	0	23.18	23.14	23.17	24.5	1
15	QPSK	36	20	23.19	23.14	23.15		
15	QPSK	36	39	23.04	23.16	23.18		
15	QPSK	75	0	23.14	23.10	23.21		
16	16QAM	1	0	23.27	23.15	23.35	24.5	1
16	16QAM	1	37	23.65	22.97	23.43		
16	16QAM	1	74	23.55	23.26	23.78		
16	16QAM	36	0	22.05	22.03	22.18	23.5	2
16	16QAM	36	20	21.93	21.96	22.01		
16	16QAM	36	39	22.11	22.16	22.14		
15	16QAM	75	0	22.03	21.94	22.08		
15	64QAM	1	0	22.00	21.74	22.36	23.5	2
15	64QAM	1	37	22.09	22.19	21.99		
15	64QAM	1	74	22.33	21.97	22.20		
16	64QAM	36	0	21.05	20.98	21.03	22.5	3
16	64QAM	36	20	20.98	20.93	21.02		
16	64QAM	36	39	21.03	21.03	21.06		
15	64QAM	75	0	21.09	21.02	21.12		
15	256QAM	1	0	19.25	19.30	19.30	20.5	5
15	256QAM	1	37	19.34	19.65	19.41		
15	256QAM	1	74	19.07	19.39	19.27		
15	256QAM	36	0	19.18	19.29	19.18	20.5	5
15	256QAM	36	20	19.13	19.23	19.23		
15	256QAM	36	39	19.18	19.28	19.15		
15	256QAM	75	0	19.10	19.18	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.10	24.09	24.09	25.5	0
10	QPSK	1	25	24.02	24.18	24.04		
10	QPSK	1	49	24.06	23.97	24.01		
10	QPSK	25	0	23.04	23.09	23.04	24.5	1
10	QPSK	25	12	23.13	22.96	23.03		
10	QPSK	25	25	23.05	23.00	23.17		
10	QPSK	50	0	23.01	23.03	23.18		
10	16QAM	1	0	23.26	23.02	23.38	24.5	1
10	16QAM	1	25	23.62	22.85	23.40		
10	16QAM	1	49	23.54	23.27	23.80		
10	16QAM	25	0	22.12	22.19	22.08	23.5	2
10	16QAM	25	12	21.99	21.91	22.09		
10	16QAM	25	25	22.19	22.06	22.10		
10	16QAM	50	0	21.98	22.05	22.06		
10	64QAM	1	0	22.21	21.79	22.37	23.5	2
10	64QAM	1	25	22.22	22.21	22.06		
10	64QAM	1	49	22.41	21.96	22.23		
10	64QAM	25	0	21.11	21.05	20.95	22.5	3
10	64QAM	25	12	21.15	20.96	21.05		
10	64QAM	25	25	21.13	21.08	21.12		
10	64QAM	50	0	21.21	20.98	21.21		
10	256QAM	1	0	19.32	19.39	19.27	20.5	5
10	256QAM	1	25	19.23	19.60	19.54		
10	256QAM	1	49	19.13	19.36	19.39		
10	256QAM	25	0	19.17	19.26	19.08	20.5	5
10	256QAM	25	12	19.00	19.23	19.20		
10	256QAM	25	25	19.27	19.32	19.11		
10	256QAM	50	0	19.18	19.12	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.02	24.02	24.04	25.5	0
5	QPSK	1	12	24.02	24.16	24.04		
5	QPSK	1	24	24.12	24.08	24.08		
5	QPSK	12	0	23.11	23.08	23.05	24.5	1
5	QPSK	12	7	23.08	23.08	23.04		
5	QPSK	12	13	22.92	23.13	23.20		
5	QPSK	25	0	23.12	23.01	23.15		
5	16QAM	1	0	23.23	23.10	23.28	24.5	1
5	16QAM	1	12	23.74	22.88	23.35		
5	16QAM	1	24	23.53	23.23	23.86		
5	16QAM	12	0	22.16	22.16	22.06	23.5	2
5	16QAM	12	7	22.15	22.01	22.20		
5	16QAM	12	13	22.05	22.13	22.10		
5	16QAM	25	0	21.95	22.00	21.99		
5	64QAM	1	0	22.13	21.75	22.38	23.5	2
5	64QAM	1	12	22.22	22.21	22.11		
5	64QAM	1	24	22.37	22.06	22.21		
5	64QAM	12	0	21.02	21.07	21.08	22.5	3
5	64QAM	12	7	21.08	20.94	21.02		
5	64QAM	12	13	21.02	21.04	20.98		
5	64QAM	25	0	21.23	20.99	21.22		
5	256QAM	1	0	19.37	19.39	19.34	20.5	5
5	256QAM	1	12	19.28	19.59	19.40		
5	256QAM	1	24	19.06	19.26	19.38		
5	256QAM	12	0	19.23	19.24	19.03	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.26	19.33	19.12		
5	256QAM	25	0	19.20	19.34	19.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.00	23.99	24.04	25.5	0
3	QPSK	1	7	23.89	24.23	24.07		
3	QPSK	1	14	24.02	23.95	24.08		
3	QPSK	8	0	23.14	23.13	23.07	24.5	1
3	QPSK	8	4	23.12	23.14	23.07		
3	QPSK	8	7	22.97	23.12	23.20		
3	QPSK	15	0	23.07	23.07	23.18		
3	16QAM	1	0	23.24	23.13	23.44	24.5	1
3	16QAM	1	8	23.62	22.85	23.43		
3	16QAM	1	14	23.50	23.10	23.79		
3	16QAM	8	0	22.15	22.11	22.04	23.5	2
3	16QAM	8	4	22.09	21.96	22.10		
3	16QAM	8	7	22.16	22.01	22.13		
3	16QAM	15	0	22.05	22.07	21.92		
3	64QAM	1	0	22.14	21.77	22.45	23.5	2
3	64QAM	1	8	22.16	22.23	22.13		
3	64QAM	1	14	22.33	22.02	22.20		
3	64QAM	8	0	20.99	21.24	21.13	22.5	3
3	64QAM	8	4	21.06	20.88	21.06		
3	64QAM	8	7	20.99	21.08	21.10		
3	64QAM	15	0	21.20	20.91	21.08		
3	256QAM	1	0	19.36	19.44	19.29	20.5	5
3	256QAM	1	8	19.24	19.47	19.46		
3	256QAM	1	14	19.12	19.31	19.46		
3	256QAM	8	0	19.27	19.22	19.08	20.5	5
3	256QAM	8	4	19.04	19.29	19.13		
3	256QAM	8	7	19.20	19.35	19.13		
3	256QAM	15	0	19.10	19.21	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.03	24.02	25.5	0
1.4	QPSK	1	3	23.92	24.32	24.10		
1.4	QPSK	1	5	24.06	24.11	24.06		
1.4	QPSK	3	0	23.95	23.95	23.92		
1.4	QPSK	3	1	23.83	24.10	24.08		
1.4	QPSK	3	3	23.85	23.85	23.95		
1.4	QPSK	6	0	23.00	23.04	23.11	24.5	1
1.4	16QAM	1	0	23.34	23.11	23.32	24.5	1
1.4	16QAM	1	3	23.78	22.81	23.38		
1.4	16QAM	1	5	23.56	23.27	23.75		
1.4	16QAM	3	0	23.33	23.13	23.30		
1.4	16QAM	3	1	23.55	22.68	23.34		
1.4	16QAM	3	3	23.45	23.19	23.65		
1.4	16QAM	6	0	22.06	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.09	21.78	22.24	23.5	2
1.4	64QAM	1	3	22.16	22.18	21.95		
1.4	64QAM	1	5	22.32	21.99	22.23		
1.4	64QAM	3	0	21.95	21.82	22.24		
1.4	64QAM	3	1	22.04	22.17	21.89		
1.4	64QAM	3	3	22.33	21.96	22.09		
1.4	64QAM	6	0	21.19	20.89	21.02	22.5	3
1.4	256QAM	1	0	19.30	19.28	19.33	20.5	5
1.4	256QAM	1	3	19.26	19.55	19.46		
1.4	256QAM	1	5	19.05	19.38	19.35		
1.4	256QAM	3	0	19.28	19.33	19.15		
1.4	256QAM	3	1	19.15	19.27	19.20		
1.4	256QAM	3	3	19.21	19.41	19.20		
1.4	256QAM	6	0	19.05	19.32	19.21	20.5	5

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.19	24.26	24.22	25.5	0
20	QPSK	1	49	23.98	24.10	24.06		
20	QPSK	1	99	23.93	24.06	24.05		
20	QPSK	50	0	23.20	23.25	23.24	24.5	1
20	QPSK	50	24	23.17	23.12	23.03		
20	QPSK	50	50	23.16	23.18	23.05		
20	QPSK	100	0	23.21	23.30	23.23		
20	16QAM	1	0	23.22	22.95	23.23	24.5	1
20	16QAM	1	49	23.61	22.75	23.56		
20	16QAM	1	99	23.31	23.43	23.41		
20	16QAM	50	0	22.12	22.12	22.20	23.5	2
20	16QAM	50	24	22.07	22.20	22.16		
20	16QAM	50	50	22.12	22.10	22.23		
20	16QAM	100	0	22.02	22.10	22.12		
20	64QAM	1	0	22.14	22.47	22.21	23.5	2
20	64QAM	1	49	22.14	22.28	22.03		
20	64QAM	1	99	22.03	22.07	21.99		
20	64QAM	50	0	21.13	21.17	21.12	22.5	3
20	64QAM	50	24	21.20	21.22	21.08		
20	64QAM	50	50	21.13	21.25	21.25		
20	64QAM	100	0	21.11	21.16	21.01		
15	256QAM	1	0	19.31	19.34	19.32	20.5	5
15	256QAM	1	49	19.47	19.60	19.53		
15	256QAM	1	99	19.50	19.60	19.48		
15	256QAM	50	0	19.32	19.42	19.21	20.5	5
15	256QAM	50	24	19.23	19.36	19.30		
15	256QAM	50	50	19.36	19.41	19.34		
15	256QAM	100	0	19.28	19.41	19.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.06	24.06	24.08	25.5	0
15	QPSK	1	37	23.98	23.94	24.03		
15	QPSK	1	74	23.91	23.93	23.91		
15	QPSK	36	0	23.17	23.14	22.99	24.5	1
15	QPSK	36	20	23.06	22.95	23.00		
15	QPSK	36	39	23.04	23.12	22.93		
15	QPSK	75	0	22.98	23.07	22.96		
16	16QAM	1	0	23.12	23.08	23.08	24.5	1
16	16QAM	1	37	23.47	22.85	23.46		
16	16QAM	1	74	23.18	23.37	23.32		
16	16QAM	36	0	21.96	22.10	22.12	23.5	2
16	16QAM	36	20	21.98	22.11	22.06		
16	16QAM	36	39	22.03	21.86	21.97		
15	16QAM	75	0	21.92	22.00	22.09		
15	64QAM	1	0	21.97	22.43	22.04	23.5	2
15	64QAM	1	37	22.03	21.87	21.84		
15	64QAM	1	74	21.88	22.02	21.86		
16	64QAM	36	0	21.05	21.04	21.02	22.5	3
16	64QAM	36	20	20.96	21.04	21.03		
16	64QAM	36	39	21.04	21.15	21.10		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	19.13	19.21	19.20	20.5	5
15	256QAM	1	37	19.29	19.44	19.36		
15	256QAM	1	74	19.41	19.54	19.42		
16	256QAM	36	0	19.15	19.22	19.09	20.5	5
16	256QAM	36	20	19.14	19.24	19.19		
16	256QAM	36	39	19.13	19.26	19.30		
15	256QAM	75	0	19.31	19.25	19.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.43	24.03	23.93	25.5	0
10	QPSK	1	25	23.83	23.97	24.06		
10	QPSK	1	49	23.86	23.88	24.01		
10	QPSK	25	0	23.05	23.13	23.06	24.5	1
10	QPSK	25	12	23.02	23.01	23.07		
10	QPSK	25	25	23.11	23.02	22.97		
10	QPSK	50	0	23.03	23.16	23.06		
10	16QAM	1	0	23.01	22.92	23.15	24.5	1
10	16QAM	1	25	23.49	22.84	23.51		
10	16QAM	1	49	23.17	23.31	23.22		
10	16QAM	25	0	21.94	21.95	22.05	23.5	2
10	16QAM	25	12	22.03	22.08	22.10		
10	16QAM	25	25	22.05	22.10	22.06		
10	16QAM	50	0	22.00	22.03	22.11		
10	64QAM	1	0	22.04	22.48	22.00	23.5	2
10	64QAM	1	25	22.03	22.10	21.96		
10	64QAM	1	49	21.82	21.92	21.93		
10	64QAM	25	0	21.03	21.09	21.05	22.5	3
10	64QAM	25	12	21.01	21.07	21.00		
10	64QAM	25	25	20.97	21.15	21.17		
10	64QAM	50	0	21.05	21.13	21.03		
10	256QAM	1	0	19.17	19.15	19.16	20.5	5
10	256QAM	1	25	19.32	19.43	19.34		
10	256QAM	1	49	19.48	19.65	19.40		
10	256QAM	25	0	19.13	19.23	19.21	20.5	5
10	256QAM	25	12	19.14	19.20	19.28		
10	256QAM	25	25	19.16	19.31	19.31		
10	256QAM	50	0	19.18	19.32	19.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.03	24.09	23.93	25.5	0
5	QPSK	1	12	23.97	24.07	24.03		
5	QPSK	1	24	23.77	23.96	24.09		
5	QPSK	12	0	23.24	23.19	22.99	24.5	1
5	QPSK	12	7	23.05	22.91	22.91		
5	QPSK	12	13	23.03	23.12	22.91		
5	QPSK	25	0	23.04	23.13	23.05		
5	16QAM	1	0	23.16	22.90	23.06	24.5	1
5	16QAM	1	12	23.46	22.89	23.51		
5	16QAM	1	24	23.29	23.31	23.32		
5	16QAM	12	0	22.03	21.99	22.05	23.5	2
5	16QAM	12	7	21.97	22.07	22.02		
5	16QAM	12	13	21.98	22.11	22.08		
5	16QAM	25	0	21.86	22.06	21.96		
5	64QAM	1	0	21.99	22.45	21.97	23.5	2
5	64QAM	1	12	22.13	22.07	21.95		
5	64QAM	1	24	21.96	22.09	21.88		
5	64QAM	12	0	21.04	21.08	21.06	22.5	3
5	64QAM	12	7	21.10	21.06	20.96		
5	64QAM	12	13	21.05	21.13	21.02		
5	64QAM	25	0	21.04	21.07	20.87		
5	256QAM	1	0	19.20	19.31	19.12	20.5	5
5	256QAM	1	12	19.39	19.47	19.27		
5	256QAM	1	24	19.16	19.39	19.39		
5	256QAM	12	0	19.18	19.32	19.10	20.5	5
5	256QAM	12	7	19.21	19.17	19.17		
5	256QAM	12	13	19.13	19.31	19.33		
5	256QAM	25	0	19.16	19.13	19.15		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.87	24.16	24.06	25.5	0
3	QPSK	1	7	23.95	23.98	23.49		
3	QPSK	1	14	23.96	23.87	23.92		
3	QPSK	8	0	23.16	23.21	22.93	24.5	1
3	QPSK	8	4	23.10	22.90	23.03		
3	QPSK	8	7	23.12	23.11	23.00		
3	QPSK	15	0	23.01	23.08	23.06		
3	16QAM	1	0	23.12	22.74	23.13	24.5	1
3	16QAM	1	8	23.59	22.85	23.59		
3	16QAM	1	14	23.23	23.06	23.27		
3	16QAM	8	0	21.93	21.96	22.15	23.5	2
3	16QAM	8	4	22.06	22.18	21.98		
3	16QAM	8	7	22.01	22.03	22.04		
3	16QAM	15	0	21.86	22.06	22.13		
3	64QAM	1	0	22.00	22.37	21.98	23.5	2
3	64QAM	1	8	21.99	22.21	21.82		
3	64QAM	1	14	21.80	22.23	21.87		
3	64QAM	8	0	21.00	20.97	21.10	22.5	3
3	64QAM	8	4	21.06	21.07	21.04		
3	64QAM	8	7	20.95	21.06	21.19		
3	64QAM	15	0	21.06	20.98	21.05		
3	256QAM	1	0	19.19	19.19	19.12	20.5	5
3	256QAM	1	8	19.35	19.44	19.45		
3	256QAM	1	14	19.37	19.47	19.43		
3	256QAM	8	0	19.37	19.13	19.10	20.5	5
3	256QAM	8	4	19.27	19.30	19.20		
3	256QAM	8	7	19.21	19.25	19.28		
3	256QAM	15	0	19.24	19.40	19.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.00	24.06	24.03	25.5	0
1.4	QPSK	1	3	23.91	23.84	23.99		
1.4	QPSK	1	5	23.87	23.95	23.98		
1.4	QPSK	3	0	23.81	23.95	23.91		
1.4	QPSK	3	1	23.86	23.81	24.00		
1.4	QPSK	3	3	23.72	23.96	24.04		
1.4	QPSK	6	0	23.01	23.16	23.03	24.5	1
1.4	16QAM	1	0	23.21	22.85	23.06	24.5	1
1.4	16QAM	1	3	23.48	22.74	23.45		
1.4	16QAM	1	5	23.32	23.29	23.35		
1.4	16QAM	3	0	23.12	22.76	23.04		
1.4	16QAM	3	1	23.40	22.81	23.38		
1.4	16QAM	3	3	23.12	23.20	23.29		
1.4	16QAM	6	0	21.88	22.08	21.92	23.5	2
1.4	64QAM	1	0	22.01	22.50	21.97	23.5	2
1.4	64QAM	1	3	22.02	22.23	21.86		
1.4	64QAM	1	5	21.81	21.85	21.81		
1.4	64QAM	3	0	22.01	22.29	22.45		
1.4	64QAM	3	1	21.89	22.09	22.70		
1.4	64QAM	3	3	21.77	21.90	22.82		
1.4	64QAM	6	0	20.98	21.07	20.99	22.5	3
1.4	256QAM	1	0	19.18	19.22	19.24	20.5	5
1.4	256QAM	1	3	19.42	19.42	19.38		
1.4	256QAM	1	5	19.33	19.51	19.38		
1.4	256QAM	3	0	19.16	19.32	19.14		
1.4	256QAM	3	1	19.13	19.17	19.20		
1.4	256QAM	3	3	19.23	19.37	19.25		
1.4	256QAM	6	0	19.25	19.29	19.12	20.5	5

Band 4_Ant 2

BW [MHz]	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	23.46	23.66	23.57	24.5	0
20	QPSK	1	49	23.26	23.39	23.58		
20	QPSK	1	99	23.50	23.43	23.22		
20	QPSK	50	0	23.12	23.55	23.39		
20	QPSK	50	24	23.27	23.40	23.45		
20	QPSK	50	50	23.35	23.38	23.25		
20	QPSK	100	0	23.30	23.52	23.42		
20	16QAM	1	0	23.22	23.64	23.60	24.5	0
20	16QAM	1	49	23.63	23.60	23.58		
20	16QAM	1	99

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24		
10	16QAM	25	12	22.21	22.32	22.31	23.5	2
10	16QAM	25	25	22.12	22.32	22.21		
10	16QAM	50	0	22.26	22.21	22.30		
10	64QAM	1	0	22.98	22.36	22.65		
10	64QAM	1	25	22.29	22.31	22.23	23.5	2
10	64QAM	1	49	22.17	22.38	22.21		
10	64QAM	25	0	21.24	21.20	21.21		
10	64QAM	25	12	21.14	21.27	21.39	22.5	3
10	64QAM	25	25	21.18	21.26	21.44		
10	64QAM	50	0	21.17	21.18	21.26		
10	256QAM	1	0	19.51	19.57	19.51		
10	256QAM	1	25	19.47	19.56	19.52	20.5	5
10	256QAM	1	49	19.37	19.53	19.41		
10	256QAM	25	0	19.42	19.50	19.39		
10	256QAM	25	12	19.40	19.46	19.37	20.5	5
10	256QAM	25	25	19.37	19.55	19.42		
10	256QAM	50	0	19.38	19.40	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.31	24.23	24.29		
5	QPSK	1	12	24.13	24.22	24.14	25.5	0
5	QPSK	1	24	24.13	24.18	24.18		
5	QPSK	12	0	23.18	23.31	23.14		
5	QPSK	12	7	23.10	23.11	23.22		
5	QPSK	12	13	23.21	23.07	23.11	24.5	1
5	QPSK	25	0	23.13	23.24	23.24		
5	16QAM	1	0	23.52	23.50	23.40		
5	16QAM	1	12	23.61	23.56	23.39	24.5	1
5	16QAM	1	24	23.42	23.51	23.38		
5	16QAM	12	0	22.25	22.14	22.11		
5	16QAM	12	7	22.09	22.19	22.26	23.5	2
5	16QAM	12	13	22.09	22.25	22.13		
5	16QAM	25	0	22.22	22.14	22.22		
5	64QAM	1	0	22.83	22.27	22.53		
5	64QAM	1	12	22.16	22.16	22.22	23.5	2
5	64QAM	1	24	22.03	22.26	22.08		
5	64QAM	12	0	21.15	21.16	21.12		
5	64QAM	12	7	21.03	21.19	21.33	22.5	3
5	64QAM	12	13	21.08	21.11	21.36		
5	64QAM	25	0	21.09	21.10	21.22		
5	256QAM	1	0	19.42	19.41	19.40		
5	256QAM	1	12	19.34	19.49	19.44	20.5	5
5	256QAM	1	24	19.25	19.38	19.32		
5	256QAM	12	0	19.33	19.32	19.23		
5	256QAM	12	7	19.31	19.36	19.26	20.5	5
5	256QAM	12	13	19.27	19.34	19.30		
5	256QAM	25	0	19.28	19.33	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.31	24.21		
3	QPSK	1	8	24.13	24.15	24.16	25.5	0
3	QPSK	1	14	24.10	24.09	24.15		
3	QPSK	8	0	23.07	23.23	23.09		
3	QPSK	8	4	23.17	23.09	23.16	24.5	1
3	QPSK	8	7	23.17	23.11	23.08		
3	QPSK	15	0	23.22	23.24	23.27		
3	16QAM	1	0	23.59	23.50	23.42		
3	16QAM	1	8	23.64	23.58	23.40	24.5	1
3	16QAM	1	14	23.41	23.62	23.31		
3	16QAM	8	0	22.15	22.14	22.16		
3	16QAM	8	4	22.05	22.24	22.16	23.5	2
3	16QAM	8	7	22.06	22.26	22.14		
3	16QAM	15	0	22.15	22.15	22.25		
3	64QAM	1	0	22.94	22.20	22.56		
3	64QAM	1	8	22.26	22.20	22.15	23.5	2
3	64QAM	1	14	22.04	22.34	22.10		
3	64QAM	8	0	21.18	21.17	21.16		
3	64QAM	8	4	20.99	21.22	21.27	22.5	3
3	64QAM	8	7	21.07	21.23	21.35		
3	64QAM	15	0	21.04	21.11	21.12		
3	256QAM	1	0	19.33	19.42	19.45		
3	256QAM	1	8	19.42	19.44	19.36	20.5	5
3	256QAM	1	14	19.23	19.42	19.33		
3	256QAM	8	0	19.34	19.44	19.25		
3	256QAM	8	4	19.25	19.32	19.27	20.5	5
3	256QAM	8	7	19.22	19.38	19.34		
3	256QAM	15	0	19.23	19.27	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.28	24.24		
1.4	QPSK	1	3	24.05	24.14	24.05		
1.4	QPSK	1	5	24.12	24.20	24.15	25.5	0
1.4	QPSK	3	0	24.11	24.19	24.08		
1.4	QPSK	3	1	23.85	24.06	23.93		
1.4	QPSK	3	3	23.96	24.06	24.12		
1.4	QPSK	6	0	23.14	23.27	23.22	24.5	1
1.4	16QAM	1	0	23.58	23.47	23.46		
1.4	16QAM	1	3	23.56	23.66	23.43		
1.4	16QAM	1	5	23.44	23.51	23.33	24.5	1
1.4	16QAM	3	0	23.47	23.32	23.35		
1.4	16QAM	3	1	23.47	23.54	23.33		
1.4	16QAM	3	3	23.30	23.46	23.24		
1.4	16QAM	6	0	22.19	22.03	22.18	23.5	2
1.4	64QAM	1	0	22.88	22.24	22.53		
1.4	64QAM	1	3	22.18	22.16	22.20		
1.4	64QAM	1	5	22.03	22.29	22.11	23.5	2
1.4	64QAM	3	0	22.72	22.19	22.45		
1.4	64QAM	3	1	22.08	22.05	22.13		
1.4	64QAM	3	3	21.86	22.20	22.06		
1.4	64QAM	6	0	21.06	21.05	21.17	22.5	3
1.4	256QAM	1	0	19.36	19.45	19.35		
1.4	256QAM	1	3	19.40	19.48	19.39		
1.4	256QAM	1	5	19.26	19.39	19.24		
1.4	256QAM	3	0	19.29	19.43	19.27	20.5	5
1.4	256QAM	3	1	19.26	19.32	19.23		
1.4	256QAM	3	3	19.30	19.39	19.25		
1.4	256QAM	6	0	19.31	19.29	19.28	20.5	5

Band 5_Ant 1

BW [MHz]	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	24.01	24.21	24.13		
10	QPSK	1	25	24.03	24.15	24.01	26	0
10	QPSK	1	49	24.04	24.02	24.02		
10	QPSK	25	0	23.10	23.28	23.08		
10	QPSK	25	12	23.04	23.08	23.17	25	1
10	QPSK	25	25	23.08	23.16	23.18		
10	QPSK	50	0	23.09	23.18	23.15		
10	16QAM	1	0	23.36	23.21	23.53		
10	16QAM	1	25	23.24	23.69	23.32	25	1
10	16QAM	1	49	23.43	23.67	23.69		
10	16QAM	25	0	22.05	22.06	22.16		
10	16QAM	25	12	22.03	22.11	22.21	24	2
10	16QAM	25	25	22.04	22.14	22.19		
10	16QAM	50	0	22.16	22.10	22.25		
10	64QAM	1	0	22.07	22.26	22.06		
10	64QAM	1	25	22.67	22.41	22.14	24	2
10	64QAM	1	49	22.35	22.27	22.04		
10	64QAM	25	0	21.09	21.05	21.29		
10	64QAM	25	12	21.11	21.18	21.34	23	3
10	64QAM	25	25	21.11	21.09	21.26		
10	64QAM	50	0	21.15	21.09	21.19		
10	256QAM	1	0	19.41	19.53	19.44		
10	256QAM	1	25	19.23	19.40	19.20	21	5
10	256QAM	1	49	19.35	19.45	19.39		
10	256QAM	25	0	19.18	19.28	19.24		
10	256QAM	25	12	19.30	19.44	19.39	21	5
10	256QAM	25	25	19.28	19.47	19.36		
10	256QAM	50	0	19.37	19.43	19.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.12	24.08		
5	QPSK	1	12	24.13	24.11	24.09	26	0
5	QPSK	1	24	24.09	24.06	24.05		
5	QPSK	12	0	23.16	23.22	23.05		
5	QPSK	12	7	23.09	23.04	23.13	25	1
5	QPSK	12	13	23.07	23.05	23.07		
5	QPSK	25	0	23.02	23.12	23.04		
5	16QAM	1	0	23.30	23.07	23.43		
5	16QAM	1	12	23.10	23.59	23.28	25	1
5	16QAM	1	24	23.33	23.61	23.60		
5	16QAM	12	0	22.02	22.01	22.14		
5	16QAM	12	7	22.05	22.07	22.25	24	2
5	16QAM	12	13	22.01	22.14	22.19		
5	16QAM	25	0	22.09	22.03	22.23		
5	64QAM	1	0	22.04	22.08	22.07		
5	64QAM	1	12	22.60	22.14	22.10	24	2
5	64QAM	1	24	22.27	22.07	22.07		
5	64QAM	12	0	21.09	21.21	21.22		
5	64QAM	12	7	21.00	21.11	21.33	23	3
5	64QAM	12	13	21.02	21.06	21.13		
5	64QAM	25	0	21.01	21.06	21.06		
5	256QAM	1	0	19.34	19.50	19.39		
5	256QAM	1	12	19.10	19.32	19.15	21	5
5	256QAM	1	24	19.18	19.33	19.28		
5	256QAM	12	0	19.04	19.15	19.09		
5	256QAM	12	7	19.23	19.31	19.34	21	5
5	256QAM	12	13	19.19	19.36	19.23		
5	256QAM	25	0	19.29	19.33	19.28		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.03	24.14	24.12		
3	QPSK	1	8	24.07	24.13	24.11	26	0
3	QPSK	1	14	24.04	24.07	24.09		
3	QPSK	8	0	23.07	23.36	23.11		
3	QPSK	8	4	23.02	23.06	23.11	25	1
3	QPSK	8	7	23.07	23.14	23.22		
3	QPSK	15	0	23.06	23.25	23.18		
3	16QAM	1	0	23.28	23.14	23.44		
3	16QAM	1	8	23.10	23.58	23.24	25	1
3	16QAM	1	14	23.37	23.55	23.59		
3	16QAM	8	0	22.00	22.03	22.08		
3	16QAM	8	4	22.04	22.05	22.10	24	2
3	16QAM	8	7	22.07	22.12	22.11		
3	16QAM	15	0	22.13	22.09	22.15		
3	64QAM	1	0	22.03	22.03	22.08		
3	64QAM	1	8	22.51	22.16	22.11	24	2
3	64QAM	1	14	22.13	22.04	22.05		
3	64QAM	8	0	21.15	21.10	21.04		
3	64QAM	8	4	21.08	21.11	21.17	23	3
3	64QAM	8	7	21.09	21.08	21.16		
3	64QAM	15	0	21.01	21.03	21.05		
3	256QAM	1	0	19.30	19.46	19.37		
3	256QAM	1	8	19.19	19.22	19.11	21	5
3	256QAM	1	14	19.20	19.34	19.34		
3	256QAM	8	0	19.04	19.17	19.19		
3	256QAM	8	4	19.22	19.36	19.32	21	5
3	256QAM	8	7	19.22	19.42	19.21		
3	256QAM	15	0	19.31	19.34	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.04	24.13	24.16		
1.4	QPSK	1	3	24.06	24.15	24.10		
1.4	QPSK	1	5	24.06	24.05	24.17	26	0
1.4	QPSK	3	0	24.05	24.17	24.14		
1.4	QPSK	3	1	24.02	24.10	24.08		
1.4	QPSK	3	3	24.08	24.02	24.06		
1.4	QPSK	6	0	23.19	23.18	23.13	25	1
1.4	16QAM	1	0	23.36	23.19	23.49		
1.4	16QAM	1	3	23.17	23.74	23.25		
1.4	16QAM	1	5	23.45	23.74	23.69	25	1
1.4	16QAM	3	0	23.27	23.07	23.39		
1.4	16QAM	3	1	23.09	23.64	23.10		
1.4	16QAM	3	3	23.30	23.46	23.65		
1.4	16QAM	6	0	22.20	22.02	22.23	24	2
1.4	64QAM	1	0	22.09	22.16	22.06		
1.4	64QAM	1	3	22.54	22.21	22.18		
1.4	64QAM	1	5	22.36	22.14	22.35	24	2
1.4	64QAM	3	0	22.07	22.06	22.09		
1.4	64QAM	3	1	22.52	22.12	22.06		
1.4	64QAM	3	3	22.12	22.09	22.09		
1.4	64QAM	6	0	21.07	21.02	21.08	23	3
1.4	256QAM	1	0	19.33	19.44	19.38		
1.4	256QAM	1	3	19.17	19.29	19.15		
1.4	256QAM	1	5	19.19	19.43	19.26	21	5
1.4	256QAM	3	0	18.99	19.18	19.18		
1.4	256QAM	3	1	19.23	19.39	19.31		
1.4	256QAM	3	3	19.21	19.30	19.28		
1.4	256QAM	6	0	19.27	19.31	19.36	21	5

Band 7_Ant 0

BW [MHz]	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	21.59	21.87	21.77		
20	QPSK	1	49	21.54	21.75	21.79	23	0
20	QPSK	1	99	21.47	21.68	21.64		
20	QPSK	50	0	20.61	20.86	20.80		
20	QPSK	50	24	20.61	20.80	20.79	22	1
20	QPSK	50	50	20.65	20.78	20.76		
20	QPSK	100	0	20.53	20.78	20.67		
20	16QAM	1	0	20.75	20.23	20.53		
20	16QAM	1	49	21.00	20.73	20.85	22	1
20	16QAM	1	99	20.93	21.15	20.88		
20	16QAM	50	0	19.54	19.73	19.72		
20	16QAM	50	24	19.54	19.80	19.79	21	2
20	16QAM	50	50	19.70	19.82	19.84		
20	16QAM	100	0	19.58	19.83	19.70		
20	64QAM	1	0	19.68	19.93	20.25		
20	64QAM	1	49	19.96	19.77	19.98	21	2
20	64QAM	1	99	20.04	19.84	20.06		
20	64QAM	50	0	18.55	18.67	18.70		
20	64QAM	50	24	18.60	18.81	18.79	20	3
20	64QAM	50	50	18.49	18.84	18.75		
20	64QAM	100	0	18.61	18.67	18.78		
20	256QAM	1	0	16.85	16.90	16.76		
20	256QAM	1	49	16.65	16.83	16.64	18	5
20	256QAM	1	99	16.80	16.91	16.81		
20	256QAM	50	0	16.59	16.75	16.60		
20	256QAM	50	24	16.58	16.73	16.63	18	5
20	256QAM	50	50	16.72	16.79	16.73		
20	256QAM	100	0	16.67	16.78	16.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.74	21.57		
15	QPSK	1	37	21.42	21.77	21.78	23	0
15	QPSK	1	74	21.38	21.76	21.47		
15	QPSK	36	0	20.38	20.70	20.66		
15	QPSK	36	20	20.55	20.75	20.81	22	1
15	QPSK	36	39	20.60	20.84	20.71		
15	QPSK	75	0	20.55	20.70	20.60		
15	16QAM	1	0	20.77	21.01	20.32		
15	16QAM	1	37	20.46	21.00	20.55	22	1
15	16QAM	1	74	20.48	21.50	21.19		
15	16QAM	36	0	19.52	19.68	19.65		
15	16QAM	36	20	19.58	19.72	19.74	21	2
15	16QAM	36	39	19.48	19.88	19.78		
15	16QAM	75	0	19.60	19.79	19.72		
15	64QAM	1	0	19.48	19.67	19.88		
15	64QAM	1	37	19.65	19.78	20.11	21	2
15	64QAM	1	74	19.19	20.28	20.00		
15	64QAM	36	0	18.38	18.63	18.70		
15	64QAM	36	20	18.54	18.68	18.61	20	3
15	64QAM	36	39	18.59	18.76	18.90		
15	64QAM	75	0	18.57	18.69	18.80		
15	256QAM	1	0	16.67	16.72	16.57		
15	256QAM	1	37	16.55	16.73	16.56	18	5
15	256QAM	1	74	16.68	16.85	16.70		
15	256QAM	36	0	16.53	16.68	16.52		
15	256QAM	36	20	16.51	16.66	16.59	18	5
15	256QAM	36	39	16.64	16.63	16.71		
15	256QAM	75	0	16.55	16.69	16.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.51	21.77	21.72		
10	QPSK	1	25	21.55	21.76	21.71	23	0
10	QPSK	1	49	21.70	21.79	21.72		
10	QPSK	25	0	20.48	20.83	20.87		
10	QPSK	25	12	20.64	20.84	20.83	22	1
10	QPSK	25	25	20.62	20.95	20.92		
10	QPSK	50	0	20.53	20.83	20.76		
10	16QAM	1	0	21.07	21.37	20.98		
10	16QAM	1	25	20.94	21.16	21.35	22	1
10	16QAM	1	49	20.80	21.24	21.24		
10	16QAM	25	0	19.58	19.82	19.83		
10	16QAM	25	12	19.64	19.92	19.89	21	2
10	16QAM	25	25	19.60	19.99	19.97		
10	16QAM	50	0	19.61	19.83	19.88		
10	64QAM	1	0	19.48	19.71	19.44		
10	64QAM	1	25	19.55	19.99	20.22	21	2
10	64QAM	1	49	19.62	20.08	20.57		
10	64QAM	25	0	18.50	18.91	18.86		
10	64QAM	25	12	18.67	18.89	18.78	20	3
10	64QAM	25	25	18.69	19.01	19.02		
10	64QAM	50	0	18.58	18.86	18.90		
10	256QAM	1	0	16.72	16.81	16.66		
10	256QAM	1	25	16.50	16.73	16.51	18	5
10	256QAM	1	49	16.74	16.88	16.76		
10	256QAM	25	0	16.55	16.67	16.50		
10	256QAM	25	12	16.42	16.60	16.62	18	5
10	256QAM	25	25	16.55	16.66	16.66		
10	256QAM	50	0	16.62	16.70	16.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.43	21.74	21.75		
5	QPSK	1	12	21.55	21.79	21.72	23	0
5	QPSK	1	24	21.58	21.77	21.74		
5	QPSK	12	0	20.50	20.68	20.75		
5	QPSK	12	7	20.52	20.97	20.80	22	1
5	QPSK	12	13	20.65	20.97	20.93		
5	QPSK	25	0	20.54	20.71	20.80		
5	16QAM	1	0	21.00	21.36	20.80		
5	16QAM	1	12	20.87	21.54	21.49	22	1
5	16QAM	1	24	21.02	21.07	20.85		
5	16QAM	12	0	19.51	19.71	19.83		
5	16QAM	12	7	19.62	20.06	19.85	21	2
5	16QAM	12	13	19.64	20.03	20.07		
5	16QAM	25	0	19.49	19.90	19.90		
5	64QAM	1	0	20.15	19.91	20.36		
5	64QAM	1	12	19.49	19.88	19.80	21	2
5	64QAM	1	24	19.99	20.01	20.03		
5	64QAM	12	0	18.46	18.69	18.88		
5	64QAM	12	7	18.48	18.98	18.97	20	3
5	64QAM	12	13	18.74	18.93	18.93		
5	64QAM	25	0	18.58	18.84	18.76		
5	256QAM	1	0	16.41	16.81	16.65		
5	256QAM	1	12	16.60	16.85	16.54	18	5
5	256QAM	1	24	16.71	16.80	16.73		
5	256QAM	12	0	16.49	16.68	16.52		
5	256QAM	12	7	16.41	16.62	16.47	18	5
5	256QAM	12	13	16.62	16.72	16.70		
5	256QAM	25	0	16.61	16.68	16.59		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.60	22.86	22.60		
20	QPSK	1	49	22.53	22.73	22.65	24	0
20	QPSK	1	99	22.53	22.74	22.63		
20	QPSK	50	0	21.60	21.95	21.74		
20	QPSK	50	24	21.63	21.82	21.78	23	1
20	QPSK	50	50	21.64	21.90	21.93		
20	QPSK	100	0	21.58	21.80	21.78		
20	16QAM	1	0	21.79	21.42	21.63		
20	16QAM	1	49	22.07	21.92	22.27	23	1
20	16QAM	1	99	21.83	21.78	22.11		
20	16QAM	50	0	20.63	20.83	20.77

Band 7_Ant 2

BW [MHz]	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	24.14	24.22	24.17		
20	QPSK	1	49	24.01	23.90	24.02	25	0
20	QPSK	1	99	24.12	23.80	24.02		
20	QPSK	50	0	23.26	23.52	23.30		
20	QPSK	50	24	23.17	23.37	23.25	24.5	0.5
20	QPSK	50	50	23.07	23.45	23.26		
20	QPSK	100	0	23.23	23.43	23.38		
20	16QAM	1	0	23.40	23.66	23.34		
20	16QAM	1	49	23.41	23.65	23.35	24.5	0.5
20	16QAM	1	99	23.43	23.60	23.34		
20	16QAM	50	0	22.20	22.21	22.26		
20	16QAM	50	24	22.17	22.34	22.22	23.5	1.5
20	16QAM	50	50	22.32	22.42	22.36		
20	16QAM	100	0	22.24	22.30	22.33		
20	64QAM	1	0	21.97	22.26	21.97		
20	64QAM	1	49	22.28	22.28	22.24	23.5	1.5
20	64QAM	1	99	22.30	22.38	22.06		
20	64QAM	50	0	21.41	21.79	21.76		
20	64QAM	50	24	21.54	21.56	21.54	22.5	2.5
20	64QAM	50	50	21.79	21.75	21.61		
20	64QAM	100	0	21.55	21.57	21.79		
20	256QAM	1	0	19.51	19.62	19.42		
20	256QAM	1	49	19.71	19.84	19.67	20.5	4.5
20	256QAM	1	99	19.47	19.53	19.53		
20	256QAM	50	0	19.38	19.50	19.42		
20	256QAM	50	24	19.40	19.61	19.54	20.5	4.5
20	256QAM	50	50	19.64	19.69	19.44		
20	256QAM	100	0	19.49	19.55	19.46		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.07	24.15	24.14		
15	QPSK	1	37	23.94	23.79	23.98	25	0
15	QPSK	1	74	24.10	23.76	23.96		
15	QPSK	36	0	23.24	23.46	23.18		
15	QPSK	36	20	23.13	23.30	23.12	24.5	0.5
15	QPSK	36	39	22.96	23.35	23.19		
15	QPSK	75	0	23.20	23.37	23.32		
15	16QAM	1	0	23.35	23.62	23.29		
15	16QAM	1	37	23.34	23.53	23.29	24.5	0.5
15	16QAM	1	74	23.31	23.51	23.25		
15	16QAM	36	0	22.15	22.19	22.18		
15	16QAM	36	20	22.06	22.29	22.09	23.5	1.5
15	16QAM	36	39	22.28	22.40	22.29		
15	16QAM	75	0	22.18	22.23	22.30		
15	64QAM	1	0	21.90	22.21	21.91		
15	64QAM	1	37	22.19	22.21	22.18	23.5	1.5
15	64QAM	1	74	22.19	22.32	22.02		
15	64QAM	36	0	21.30	21.77	21.64		
15	64QAM	36	20	21.62	21.71	21.44	22.5	2.5
15	64QAM	36	39	21.66	21.68	21.56		
15	64QAM	75	0	21.50	21.45	21.67		
15	256QAM	1	0	19.47	19.52	19.36		
15	256QAM	1	37	19.65	19.77	19.63	20.5	4.5
15	256QAM	1	74	19.34	19.45	19.46		
15	256QAM	36	0	19.36	19.46	19.32		
15	256QAM	36	20	19.44	19.53	19.41	20.5	4.5
15	256QAM	36	39	19.59	19.60	19.38		
15	256QAM	75	0	19.44	19.47	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2535	2565		
10	QPSK	1	0	24.10	24.16	24.15		
10	QPSK	1	25	23.90	23.83	23.97	25	0
10	QPSK	1	49	24.02	23.69	23.97		
10	QPSK	25	0	23.21	23.44	23.17		
10	QPSK	25	12	23.10	23.35	23.17	24.5	0.5
10	QPSK	25	25	23.02	23.40	23.18		
10	QPSK	50	0	23.15	23.31	23.30		
10	16QAM	1	0	23.31	23.56	23.30		
10	16QAM	1	25	23.37	23.63	23.31	24.5	0.5
10	16QAM	1	49	23.32	23.51	23.29		
10	16QAM	25	0	22.10	22.19	22.21		
10	16QAM	25	12	22.15	22.30	22.19	23.5	1.5
10	16QAM	25	25	22.21	22.32	22.24		
10	16QAM	50	0	22.16	22.28	22.24		
10	64QAM	1	0	21.91	22.17	21.88		
10	64QAM	1	25	22.26	22.16	22.21	23.5	1.5
10	64QAM	1	49	22.17	22.33	21.93		
10	64QAM	25	0	21.35	21.73	21.64		
10	64QAM	25	12	21.53	21.46	21.44	22.5	2.5
10	64QAM	25	25	21.68	21.69	21.55		
10	64QAM	50	0	21.52	21.49	21.67		
10	256QAM	1	0	19.45	19.59	19.38		
10	256QAM	1	25	19.58	19.81	19.62	20.5	4.5
10	256QAM	1	49	19.35	19.46	19.43		
10	256QAM	25	0	19.26	19.46	19.32		
10	256QAM	25	12	19.43	19.56	19.44	20.5	4.5
10	256QAM	25	25	19.53	19.56	19.39		
10	256QAM	50	0	19.43	19.52	19.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.12	24.17	24.14		
5	QPSK	1	12	23.96	23.82	23.94	25	0
5	QPSK	1	24	24.05	23.76	23.95		
5	QPSK	12	0	23.19	23.41	23.26		
5	QPSK	12	7	23.13	23.34	23.17	24.5	0.5
5	QPSK	12	13	23.01	23.36	23.15		
5	QPSK	25	0	23.14	23.32	23.36		
5	16QAM	1	0	23.30	23.54	23.27		
5	16QAM	1	12	23.37	23.52	23.32	24.5	0.5
5	16QAM	1	24	23.38	23.55	23.23		
5	16QAM	12	0	22.17	22.10	22.25		
5	16QAM	12	7	22.13	22.28	22.15	23.5	1.5
5	16QAM	12	13	22.28	22.32	22.33		
5	16QAM	25	0	22.11	22.17	22.26		
5	64QAM	1	0	21.86	22.23	21.93		
5	64QAM	1	12	22.23	22.18	22.20	23.5	1.5
5	64QAM	1	24	22.19	22.33	21.96		
5	64QAM	12	0	21.38	21.74	21.67		
5	64QAM	12	7	21.61	21.47	21.46	22.5	2.5
5	64QAM	12	13	21.72	21.69	21.67		
5	64QAM	25	0	21.42	21.48	21.69		
5	256QAM	1	0	19.49	19.54	19.34		
5	256QAM	1	12	19.69	19.78	19.56	20.5	4.5
5	256QAM	1	24	19.34	19.40	19.41		
5	256QAM	12	0	19.36	19.48	19.35		
5	256QAM	12	7	19.46	19.50	19.51	20.5	4.5
5	256QAM	12	13	19.52	19.64	19.42		
5	256QAM	25	0	19.43	19.44	19.40		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.28	24.30	24.22		
20	QPSK	1	49	24.24	24.15	24.12	25.2	0
20	QPSK	1	99	24.16	24.28	24.11		
20	QPSK	50	0	23.22	23.36	23.30		
20	QPSK	50	24	23.23	23.30	23.35	24.2	1
20	QPSK	50	50	23.17	23.29	23.32		
20	QPSK	100	0	23.14	23.32	23.19		
20	16QAM	1	0	23.50	23.52	23.47		
20	16QAM	1	49	23.97	23.55	23.43	24.2	1
20	16QAM	1	99	23.47	22.92	23.64		
20	16QAM	50	0	22.05	22.31	22.29		
20	16QAM	50	24	22.18	22.32	22.28	23.2	2
20	16QAM	50	50	22.17	22.42	22.37		
20	16QAM	100	0	22.23	22.32	22.24		
20	64QAM	1	0	22.10	22.46	22.44		
20	64QAM	1	49	21.93	22.68	22.29	23.2	2
20	64QAM	1	99	22.47	22.47	22.49		
20	64QAM	50	0	21.16	21.26	21.13		
20	64QAM	50	24	21.26	21.24	21.32	22.2	3
20	64QAM	50	50	21.20	21.41	21.34		
20	64QAM	100	0	21.24	21.34	21.28		
20	256QAM	1	0	19.57	19.68	19.55		
20	256QAM	1	49	19.70	19.75	19.61	20.2	5
20	256QAM	1	99	19.39	19.54	19.38		
20	256QAM	50	0	19.38	19.52	19.35		
20	256QAM	50	24	19.44	19.53	19.36	20.2	5
20	256QAM	50	50	19.37	19.55	19.39		
20	256QAM	100	0	19.49	19.57	19.48		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.84	24.17	23.96		
15	QPSK	1	37	23.84	24.07	24.03	25.2	0
15	QPSK	1	74	23.83	24.19	24.01		
15	QPSK	36	0	23.14	23.19	23.23		
15	QPSK	36	20	23.13	23.22	23.25	24.2	1
15	QPSK	36	39	23.05	23.21	23.19		
15	QPSK	75	0	23.02	23.23	23.09		
15	16QAM	1	0	23.42	22.96	23.37		
15	16QAM	1	37	23.83	23.54	23.34	24.2	1
15	16QAM	1	74	23.41	22.87	23.56		
15	16QAM	36	0	22.01	22.16	22.21		
15	16QAM	36	20	22.10	22.17	22.23	23.2	2
15	16QAM	36	39	22.03	22.35	22.25		
15	16QAM	75	0	22.09	22.14	22.17		
15	64QAM	1	0	21.95	22.29	22.37		
15	64QAM	1	37	21.84	22.59	22.22	23.2	2
15	64QAM	1	74	22.30	22.32	22.28		
15	64QAM	36	0	21.04	21.18	21.03		
15	64QAM	36	20	21.11	21.07	21.17	22.2	3
15	64QAM	36	39	21.13	21.25	21.25		
15	64QAM	75	0	21.14	21.28	21.17		
15	256QAM	1	0	19.42	19.64	19.46		
15	256QAM	1	37	19.54	19.66	19.46	20.2	5
15	256QAM	1	74	19.31	19.39	19.29		
15	256QAM	36	0	19.24	19.45	19.27		
15	256QAM	36	20	19.36	19.46	19.34	20.2	5
15	256QAM	36	39	19.22	19.40	19.33		
15	256QAM	75	0	19.35	19.41	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2535	2565		
10	QPSK	1	0	23.79	24.25	23.97		
10	QPSK	1	25	23.83	24.12	24.01	25.2	0
10	QPSK	1	49	23.93	24.13	23.98		
10	QPSK	25	0	23.06	23.26	23.16		
10	QPSK	25	12	23.11	23.21	23.19	24.2	1
10	QPSK	25	25	23.15	23.20	23.23		
10	QPSK	50	0	23.05	23.19	23.08		
10	16QAM	1	0	23.39	23.11	23.30		
10	16QAM	1	25	23.86	23.51	23.39	24.2	1
10	16QAM	1	49	23.41	22.82	23.55		
10	16QAM	25	0	21.99	22.16	22.16		
10	16QAM	25	12	22.11	22.25	22.17	23.2	2
10	16QAM	25	25	22.06	22.29	22.19		
10	16QAM	50	0	22.07	22.20	22.10		
10	64QAM	1	0	22.00	22.27	22.33		
10	64QAM	1	25	22.65	22.60	22.14	23.2	2
10	64QAM	1	49	22.38	22.41	22.29		
10	64QAM	25	0	21.03	21.12	21.05		
10	64QAM	25	12	21.16	21.17	21.14	22.2	3
10	64QAM	25	25	21.14	21.29	21.31		
10	64QAM	50	0	21.08	21.27	21.22		
10	256QAM	1	0	19.50	19.57	19.41		
10	256QAM	1	25	19.55	19.71	19.54	20.2	5
10	256QAM	1	49	19.30	19.47	19.28		
10	256QAM	25	0	19.32	19.38	19.23		
10	256QAM	25	12	19.41	19.48	19.26	20.2	5
10	256QAM	25	25	19.36	19.46	19.30		
10	256QAM	50	0	19.40	19.44	19.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.79	24.18	24.04		
5	QPSK	1	12	23.84	23.97	24.03	25.2	0
5	QPSK	1	24	23.85	24.17	24.05		
5	QPSK	12	0	23.07	23.28	23.20		
5	QPSK	12	7	23.04	23.22	23.26	24.2	1
5	QPSK	12	13	23.10	23.13	23.25		
5	QPSK	25	0	23.04	23.28	23.14		
5	16QAM	1	0	23.43	22.99	23.33		
5	16QAM	1	12	23.81	23.54	23.42	24.2	1
5	16QAM	1	24	23.39	22.91	23.48		
5	16QAM	12	0	21.96	22.18	22.25		
5	16QAM	12	7	22.08	22.24	22.13	23.2	2
5	16QAM	12	13	22.19	22.32	22.24		
5	16QAM	25	0	22.06	22.17	22.14		
5	64QAM	1	0	21.99	22.35	22.38		
5	64QAM	1	12	21.78	22.59	22.24	23.2	2
5	64QAM	1	24	22.41	22.31	22.30		
5	64QAM	12	0	21.08	21.17	21.04		
5	64QAM	12	7	21.20	21.19	21.18	22.2	3
5	64QAM	12	13	21.12	21.27	21.29		
5	64QAM	25	0	21.10	21.16	21.20		
5	256QAM	1	0	19.38	19.65	19.54		
5	256QAM	1	12	19.57	19.68	19.53	20.2	5
5	256QAM	1	24	19.24	19.41	19.37		
5	256QAM	12	0	19.28	19.42	19.30		
5	256QAM	12	7	19.34	19.43	19.28	20.2	5
5	256QAM	12	13	19.21	19.43	19.29		
5	256QAM	25	0	19.34	19.48	19.39		

Band 12_Ant 0

BW [MHz]	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	24.68	24.98	24.67		
10	QPSK	1	25	24.92	24.88	24.89	25.5	0
10	QPSK	1	49	24.89	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84		
10	QPSK	25	12	23.90	23.91	23.87	24.5	1
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.84	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.09	23.08	23.01		
10	64QAM	1	0	22.84	23.28	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.10	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	1	25	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.09	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64		
5	QPSK	1	12	24.79	24.79	24.76	25.5	0
5	QPSK	1	24	24.78	24.65	24.75		
5	QPSK	12	0	23.75	23.80	23.71		
5	QPSK	12	7	23.80	23.88	23.80	24.5	1
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.76	21.83	21.72	22.5	3
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	1	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.52	24.72	24.55		
3	QPSK	1	8	24.74	24.75	24.78	25.5	0
3	QPSK	1	14	24.74	24.66	24.74		
3	QPSK	8	0	23.68	23.81	23.76		
3	QPSK	8	4	23.92	23.84	23.82	24.5	1
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10		
3	16QAM	1	8	24.01	24.04	24.03	24.5	1
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91		
3	16QAM	8	4	22.94	22.82	22.88	23.5	2
3	16QAM	8	7	22.90	22.87	22.96		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89		
3	64QAM	1	8	22.89	23.03	23.38	23.5	2
3	64QAM	1	14	22.89	22.92	22.84		
3	64QAM	8	0	21.69	21.83	21.84		
3	64QAM	8	4	21.93	21.91	21.71	22.5	3
3	64QAM	8	7	22.01	21.89	21.98		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88		
3	256QAM	1	8	20.22	20.36	20.10	20.5	5
3	256QAM	1	14	20.06	20.31	20.11		
3	256QAM	8	0	20.09	20.12	20.10		
3	256QAM	8	4	19.91	20.04	20.01	20.5	5
3	256QAM	8	7	20.08	20.16	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52		
1.4	QPSK	1	3	24.75	24.71	24.73		
1.4	QPSK	1	5	24.73	24.71	24.69	25.5	0
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	3	24.65	24.57	24.71		
1.4	QPSK	3	3	24.59	24.66	24.65		
1.4	QPSK	6	0	23.72	23.83	23.82	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03		
1.4	16QAM	1	3	24.04	24.15	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.62	23.20	22.88		
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.90	22.97	22.85	23.5	2
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.79	22.82	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93		
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.27	20.12	20.5	5
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	24.06	24.18	23.93		
10	QPSK	1	25	24.10	23.91	24.01	25.5	0
10	QPSK	1	49	24.03	23.88	24.14		
10	QPSK	25	0	22.94	23.17	23.08		
10	QPSK	25	12	23.10	23.08	23.13	24.5	1
10	QPSK	25	25	23.14	23.12	23.11		
10	QPSK	50	0	23.04	23.08	23.07		
10	16QAM	1	0	23.59	23.62	23.27		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54	23	0
20	QPSK	1	49	21.17	21.57	21.22		
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.00	20.40	20.34	22	1
20	QPSK	50	24	20.32	20.40	20.33		
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57	22	1
20	16QAM	1	49	20.45	20.37	20.73		
20	16QAM	1	99	20.60	20.56	20.18		
20	16QAM	50	0	19.32	19.48	19.33	21	2
20	16QAM	50	24	19.45	19.43	19.30		
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	64QAM	1	0	19.91	19.68	19.45	21	2
20	64QAM	1	49	19.41	19.90	19.36		
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32	20	3
20	64QAM	50	24	18.34	18.34	18.39		
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71	18	5
20	256QAM	1	49	16.65	16.71	16.55		
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60	18	5
20	256QAM	50	24	16.72	16.73	16.72		
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08	23	0
15	QPSK	1	37	21.09	21.47	21.19		
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.26	20.49	20.18	22	1
15	QPSK	36	20	20.21	20.35	20.27		
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.36	20.27		
15	16QAM	1	0	20.43	20.63	20.22	22	1
15	16QAM	1	37	20.20	20.03	20.46		
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28	21	2
15	16QAM	36	20	19.38	19.34	19.15		
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35	21	2
15	64QAM	1	37	19.27	19.74	19.30		
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18	20	3
15	64QAM	36	20	18.23	18.18	18.23		
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.47	18	5
15	256QAM	1	37	16.41	16.36	16.27		
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30	18	5
15	256QAM	36	20	16.41	16.45	16.44		
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.53	21.62	21.39	23	0
10	QPSK	1	25	21.07	21.42	21.13		
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28	22	1
10	QPSK	25	12	20.18	20.34	20.18		
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25	22	1
10	16QAM	1	25	20.18	20.13	20.47		
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23	21	2
10	16QAM	25	12	19.34	19.28	19.25		
10	16QAM	25	25	19.30	19.32	19.15		
10	16QAM	50	0	19.34	19.30	19.25		
10	64QAM	1	0	19.76	19.57	19.39	21	2
10	64QAM	1	25	19.34	19.82	19.25		
10	64QAM	1	49	19.74	19.34	19.18		
10	64QAM	25	0	18.34	18.41	18.25	20	3
10	64QAM	25	12	18.20	18.23	18.23		
10	64QAM	25	25	18.22	18.21	18.09		
10	64QAM	50	0	18.29	18.37	18.17		
10	256QAM	1	0	16.49	16.56	16.45	18	5
10	256QAM	1	25	16.41	16.37	16.23		
10	256QAM	1	49	16.05	16.10	16.09		
10	256QAM	25	0	16.30	16.40	16.29	18	5
10	256QAM	25	12	16.41	16.46	16.37		
10	256QAM	25	25	16.17	16.27	16.17		
10	256QAM	50	0	16.34	16.44	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.30	21.46	21.13	23	0
5	QPSK	1	12	21.03	21.42	21.11		
5	QPSK	1	24	21.13	21.49	21.07		
5	QPSK	12	0	20.22	20.45	20.20	22	1
5	QPSK	12	7	20.23	20.26	20.26		
5	QPSK	12	13	20.30	20.33	20.13		
5	QPSK	25	0	20.27	20.29	20.21		
5	16QAM	1	0	20.72	20.81	20.49	22	1
5	16QAM	1	12	20.30	20.28	20.59		
5	16QAM	1	24	20.55	20.50	20.13		
5	16QAM	12	0	19.24	19.36	19.22	21	2
5	16QAM	12	7	19.40	19.36	19.25		
5	16QAM	12	13	19.35	19.27	19.15		
5	16QAM	25	0	19.40	19.34	19.25		
5	64QAM	1	0	19.75	19.56	19.34	21	2
5	64QAM	1	12	19.32	19.76	19.20		
5	64QAM	1	24	19.81	19.38	19.12		
5	64QAM	12	0	18.28	18.51	18.18	20	3
5	64QAM	12	7	18.29	18.24	18.25		
5	64QAM	12	13	18.28	18.25	18.08		
5	64QAM	25	0	18.30	18.27	18.17		
5	256QAM	1	0	16.48	16.52	16.40	18	5
5	256QAM	1	12	16.30	16.41	16.27		
5	256QAM	1	24	16.14	16.15	16.12		
5	256QAM	12	0	16.29	16.35	16.31	18	5
5	256QAM	12	7	16.46	16.54	16.45		
5	256QAM	12	13	16.20	16.32	16.16		
5	256QAM	25	0	16.24	16.36	16.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.49	21.09	23	0
3	QPSK	1	8	21.06	21.47	21.13		
3	QPSK	1	14	21.05	21.45	21.09		
3	QPSK	8	0	20.26	20.53	20.21	22	1
3	QPSK	8	4	20.20	20.25	20.18		
3	QPSK	8	7	20.38	20.31	20.27		
3	QPSK	15	0	20.30	20.35	20.25		
3	16QAM	1	0	20.69	20.73	20.49	22	1
3	16QAM	1	8	20.35	20.28	20.66		
3	16QAM	1	14	20.47	20.45	20.13		
3	16QAM	8	0	19.22	19.36	19.18	21	2
3	16QAM	8	4	19.34	19.33	19.23		
3	16QAM	8	7	19.29	19.20	19.18		
3	16QAM	15	0	19.33	19.29	19.16		
3	64QAM	1	0	19.85	19.57	19.37	21	2
3	64QAM	1	8	19.35	19.78	19.23		
3	64QAM	1	14	19.73	19.40	19.13		
3	64QAM	8	0	18.33	18.48	18.27	20	3
3	64QAM	8	4	18.22	18.23	18.31		
3	64QAM	8	7	18.24	18.29	18.16		
3	64QAM	15	0	18.33	18.30	18.11		
3	256QAM	1	0	16.40	16.55	16.44	18	5
3	256QAM	1	8	16.37	16.44	16.29		
3	256QAM	1	14	16.16	16.15	16.08		
3	256QAM	8	0	16.31	16.38	16.33	18	5
3	256QAM	8	4	16.47	16.47	16.42		
3	256QAM	8	7	16.18	16.31	16.23		
3	256QAM	15	0	16.31	16.41	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.42	21.16	23	0
1.4	QPSK	1	3	21.10	21.41	21.11		
1.4	QPSK	1	5	21.10	21.44	21.15		
1.4	QPSK	3	0	21.23	21.27	21.05		
1.4	QPSK	3	1	20.96	21.29	20.95		
1.4	QPSK	3	3	21.00	21.36	21.03		
1.4	QPSK	6	0	20.29	20.33	20.25	22	1
1.4	16QAM	1	0	20.72	20.74	20.53	22	1
1.4	16QAM	1	3	20.35	20.25	20.62		
1.4	16QAM	1	5	20.47	20.44	20.04		
1.4	16QAM	3	0	20.61	20.68	20.45		
1.4	16QAM	3	1	20.19	20.18	20.46		
1.4	16QAM	3	3	20.37	20.32	19.91		
1.4	16QAM	6	0	19.34	19.38	19.21	21	2
1.4	64QAM	1	0	19.76	19.56	19.35	21	2
1.4	64QAM	1	3	19.28	19.76	19.29		
1.4	64QAM	1	5	19.85	19.41	19.13		
1.4	64QAM	3	0	19.69	19.48	19.23		
1.4	64QAM	3	1	19.22	19.69	19.19		
1.4	64QAM	3	3	19.72	19.34	19.04		
1.4	64QAM	6	0	18.32	18.30	18.14	20	3
1.4	256QAM	1	0	16.46	16.58	16.39	18	5
1.4	256QAM	1	3	16.38	16.43	16.29		
1.4	256QAM	1	5	16.10	16.15	16.02		
1.4	256QAM	3	0	16.31	16.41	16.29		
1.4	256QAM	3	1	16.44	16.55	16.48		
1.4	256QAM	3	3	16.21	16.26	16.18		
1.4	256QAM	6	0	16.28	16.46	16.33	18	5

Band 66_Ant 1

BW [MHz]	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	22.16	22.30	22.10	23.5	0
20	QPSK	1	49	22.09	22.27	21.86		
20	QPSK	1	99	21.88	22.00	21.88		
20	QPSK	50	0	21.52	21.62	21.59	23	0.5
20	QPSK	50	24	21.60	21.58	21.52		
20	QPSK	50	50	21.58	21.65	21.52		
20	QPSK	100	0	21.62	21.65	21.55		
20	16QAM	1	0	21.80	22.25	21.77	23	0.5
20	16QAM	1	49	21.88	21.80	21.87		
20	16QAM	1	99	21.76	21.73	21.96		
20	16QAM	50	0	20.51	20.61	20.65	22	1.5
20	16QAM	50	24	20.66	20.67	20.53		
20	16QAM	50	50	20.57	20.59	20.39		
20	16QAM	100	0	20.51	20.62	20.54		
20	64QAM	1	0	20.68	20.63	20.53	22	1.5
20	64QAM	1	49	20.74	20.65	20.41		
20	64QAM	1	99	20.29	21.01	20.01		
20	64QAM	50	0	19.53	19.53	19.51	21	2.5
20	64QAM	50	24	19.56	19.51	19.46		
20	64QAM	50	50	19.65	19.63	19.36		
20	64QAM	100	0	19.53	19.61	19.51		
20	256QAM	1	0	17.44	17.61	17.51	19	4.5
20	256QAM	1	49	17.48	17.38	18.03		
20	256QAM	1	99	17.97	18.06	17.86		
20	256QAM	50	0	17.69	17.72	17.66	19	4.5
20	256QAM	50	24	17.68	17.73	17.70		
20	256QAM	50	50	17.68	17.76	17.64		
20	256QAM	100	0	17.62	17.87	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.10	22.27	22.03	23.5	0
15	QPSK	1	37	22.00	22.17	21.78		
15	QPSK	1	74	21.83	21.95	21.75		
15	QPSK	36	0	21.46	21.63	21.60	23	0.5
15	QPSK	36	20	21.58	21.58	21.42		
15	QPSK	36	39	21.53	21.57	21.48		
15	QPSK	75	0	21.58	21.57	21.53		
15	16QAM	1	0	21.72	21.92	21.72	23	0.5
15	16QAM	1	37	21.82	21.73	21.75		
15	16QAM	1	74	21.71	21.63	21.93		
15	16QAM	36	0	20.46	20.55	20.60	22	1.5
15	16QAM	36	20	20.60	20.59	20.40		
15	16QAM	36	39	20.49	20.52	20.34		
15	16QAM	75	0	20.39	20.51	20.46		
15	64QAM	1	0	20.64	20.84	20.65	22	1.5
15	64QAM	1	37	20.66	21.00	20.29		
15	64QAM	1	74	20.21	20.90	19.90		
15	64QAM	36	0	19.46	19.47	19.48	21	2.5
15	64QAM	36	20	19.57	19.53	19.37		
15	64QAM	36	39	19.57	19.61	19.31		
15	64QAM	75	0	19.48	19.59	19.42		
15	256QAM	1	0	17.38	17.57	17.39	19	4.5
15	256QAM	1	37	17.41	18.05	17.97		
15	256QAM	1	74	17.85	17.98	17.79		
15	256QAM	36	0	17.62	17.68	17.54	19	4.5
15	256QAM	36	20	17.70	17.66	17.66		
15	256QAM	36	39	17.67	17.73	17.54		
15	256QAM	75	0	17.60	17.81	17.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.02	22.46	22.02	23.5	0
10	QPSK	1	25	22.03	22.14	21.79		
10	QPSK	1	49	21.83	21.88	21.86		
10	QPSK	25	0	21.42	21.64	21.49	23	0.5
10	QPSK	25	12	21.52	21.53	21.42		
10	QPSK	25	25	21.45	21.60	21.40		
10	QPSK	50	0	21.54	21.61	21.48		
10	16QAM	1	0	21.71	22.21	21.71	23	0.5
10	16QAM	1	25	21.86	21.72	21.74		
10	16QAM	1	49	21.69	21.65	21.91		
10	16QAM	25	0	20.41	20.54	20.53	22	1.5
10	16QAM	25	12	20.63	20.64	20.44		
10	16QAM	25	25	20.65	20.63	20.75		
10	16QAM	50	0	20.45	20.53	20.52		
10	64QAM	1	0	20.64	20.85	20.71	22	1.5
10	64QAM	1	25	20.63	20.63	20.30		
10	64QAM	1	49	20.23	20.93	19.96		
10	64QAM	25	0	19.44	19.43	19.46	21	2.5
10	64QAM	25	12	19.47	19.43	19.37		
10	64QAM	25	25	19.44	19.51	19.28		
10	64QAM	50	0	19.42	19.53	19.46		
10	256QAM	1	0	17.41	17.52	17.43	19	4.5
10	256QAM	1	25	17.94	18.11	17.92		
10	256QAM	1	49	17.63	17.80	17.75		
10	256QAM	25	0	17.64	17.63	17.59	19	4.5
10	256QAM	25	12	17.62	17.62	17.60		
10	256QAM	25	25	17.60	17.64	17.52		
10	256QAM	50	0	17.54	17.80	17.67		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.11	22.27	22.08	23.5	0
5	QPSK	1	12	22.02	22.17	21.78		
5	QPSK	1	24	21.85	21.92	21.76		
5	QPSK	12	0	21.48	21.67	21.58	23	0.5
5	QPSK	12	7	21.57	21.55	21.46		
5	QPSK	12	13	21.48	21.45	21.48		
5	QPSK	25	0	21.58	21.62	21.53		
5	16QAM	1	0	21.75	22.21	21.75	23	0.5
5	16QAM	1	12	21.81	21.71	21.74		
5	16QAM	1	24	21.65	21.70	21.86		
5	16QAM	12	0	20.38	20.54	20.58	22	1.5
5	16QAM	12	7	20.62	20.63	20.47		
5	16QAM	12	13	20.48	20.45	20.29		
5	16QAM	25	0	20.49	20.50	20.44		
5	64QAM	1	0	20.57	20.89	20.63	22	1.5
5	64QAM	1	12	20.65	20.58	20.30		
5	64QAM	1	24	20.25	22.00	19.97		
5	64QAM	12	0	19.48	19.51	19.44	21	2.5
5	64QAM	12	7	19.37	19.39	19.44		
5	64QAM	12	13	19.58	19.45	19.27		
5	64QAM	25	0	19.48	19.55	19.39		
5	256QAM	1	0	17.31	17.48	17.46	19	4.5
5	256QAM	1	12	17.94	18.08	17.91		
5	256QAM	1	24	17.76	17.92	17.82		
5	256QAM	12	0	17.67	17.62	17.63	19	4.5
5	256QAM	12	7	17.61	17.64	17.63		
5	256QAM	12	13	17.57	17.71	17.51		
5	256QAM	25	0	17.58	17.77	17.70		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.12	22.28	22.03	23.5	0
3	QPSK	1	8	21.97	22.16	21.78		
3	QPSK	1	14	21.78	21.94	21.75		
3	QPSK	8	0	21.44	21.73	21.51	23	0.5
3	QPSK	8	4	21.48	21.47	21.40		
3	QPSK	8	7	21.48	21.59	21.45		
3	QPSK	15	0	21.57	21.52	21.42		
3	16QAM	1	0	21.78	22.13	21.64	23	0.5
3	16QAM	1	8	21.82	21.78	21.80		
3	16QAM	1	14	21.71	22.12	21.84		
3	16QAM	8	0	20.42	20.50	20.56	22	1.5
3	16QAM	8	4	20.56	20.56	20.51		
3	16QAM	8	7	20.46	20.50	20.28		
3	16QAM	15	0	20.42	20.60	20.51		
3	64QAM	1	0	20.55	20.93	20.66	22	1.5
3	64QAM	1	8	20.65	20.56	20.39		
3	64QAM	1	14	20.25	22.00	19.96		
3	64QAM	8	0	19.45	19.50	19.42	21	2.5
3	64QAM	8	4	19.41	19.43	19.42		
3	64QAM	8	7	19.57	19.50	19.34		
3	64QAM	15	0	19.47	19.51	19.44		
3	256QAM	1	0	17.33	17.59	17.42	19	4.5
3	256QAM	1	8	18.02	18.04	18.00		
3	256QAM	1	14	17.88	18.00	17.81		
3	256QAM	8	0	17.64	17.68	17.58	19	4.5
3	256QAM	8	4	17.66	17.69	17.59		
3	256QAM	8	7	17.57	17.73	17.55		
3	256QAM	15	0	17.63	17.65	17.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.14	22.26	22.05	23.5	0
1.4	QPSK	1	3	22.02	22.19	21.78		
1.4	QPSK	1	5	21.78	21.88	21.76		
1.4	QPSK	3	0	22.11	22.21	22.04		
1.4	QPSK	3	1	22.00	22.16	21.78		
1.4	QPSK	3	3	21.79	21.91	21.71		
1.4	QPSK	6	0	21.52	21.51	21.52	23	0.5
1.4	16QAM	1	0	21.68	22.23	21.71	23	0.5
1.4	16QAM	1	3	21.86	21.78	21.75		
1.4	16QAM	1	5	21.73	21.92	21.91		
1.4	16QAM	3	0	21.68	22.21	21.70		
1.4	16QAM	3	1	21.88	21.75	21.78		
1.4	16QAM	3	3	21.69	21.62	21.90		
1.4	16QAM	6	0	20.58	20.50	20.44	22	1.5
1.4	64QAM	1	0	20.58	20.83	20.69	22	1.5
1.4	64QAM	1	3	20.69	20.59	20.39		
1.4	64QAM	1	5	20.21	20.96	19.90		
1.4	64QAM	3	0	20.63	20.78	20.71		
1.4	64QAM	3	1	20.68	20.60	20.37		
1.4	64QAM	3	3	20.24	21.01	19.87		
1.4	64QAM	6	0	19.43	19.48	19.41	21	2.5
1.4	256QAM	1	0	17.37	17.56	17.39	19	4.5
1.4	256QAM	1	3	17.96	18.07	17.97		
1.4	256QAM	1	5	17.94	17.96	17.78		
1.4	256QAM	3	0	17.65	17.68	17.64		
1.4	256QAM	3	1	17.66	17.68	17.67		
1.4	256QAM	3	3	17.55	17.68	17.55		
1.4	256QAM	6	0	17.58	17.77	17.64	19	4.5

Band 66_Ant 2

BW [MHz]	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	23.24	23.54	23.44	24.5	0
20	QPSK	1	49	23.12	23.41	23.42		
20	QPSK	1	99	23.26	23.51	23.44		
20	QPSK	50	0	22.20	22.62	22.59	23.5	1
20	QPSK	50	24	22.23	22.61	22.61		
20	QPSK	50	50	22.32	22.56	22.60		
20	QPSK	100	0	22.33	22.46	22.38		
20	16QAM	1	0	21.97	23.10	22.70	23.5	1
20	16QAM	1	49	22.65	23.10	22.93		
20	16QAM	1	99	22.46	22.81	22.61		
20	16QAM	50	0	21.12	21.76	21.71	22.5	2
20	16QAM	50	24	21.37	21.89	21.73		
20

Band 38_Ant 0

BW [MHz]	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	21.81	21.84	21.79		
20	QPSK	1	49	21.58	21.69	21.41	23	0
20	QPSK	1	99	21.63	21.67	21.72		
20	QPSK	50	0	20.66	20.75	20.50		
20	QPSK	50	24	20.65	20.72	20.52	22	1
20	QPSK	50	50	20.70	20.51	20.51		
20	QPSK	100	0	20.75	20.80	20.41		
20	16QAM	1	0	21.02	20.74	20.55		
20	16QAM	1	49	20.52	20.43	20.60	22	1
20	16QAM	1	99	20.47	20.37	20.53		
20	16QAM	50	0	19.70	19.41	19.51		
20	16QAM	50	24	19.73	19.57	19.59	21	2
20	16QAM	50	50	19.60	19.41	19.42		
20	16QAM	100	0	19.69	19.47	19.46		
20	64QAM	1	0	19.62	19.58	19.62		
20	64QAM	1	49	19.33	19.88	19.33	21	2
20	64QAM	1	99	19.87	19.57	19.69		
20	64QAM	50	0	18.72	18.49	18.55		
20	64QAM	50	24	18.69	18.49	18.62		
20	64QAM	50	50	18.71	18.47	18.50	20	3
20	64QAM	100	0	18.80	18.47	18.58		
20	256QAM	1	0	16.56	16.71	16.65		
20	256QAM	1	49	16.63	16.80	16.64	18	5
20	256QAM	1	99	16.67	16.69	16.66		
20	256QAM	50	0	16.76	16.82	16.79		
20	256QAM	50	24	16.78	16.80	16.79	18	5
20	256QAM	50	50	16.60	16.78	16.78		
20	256QAM	100	0	16.63	16.72	16.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.80	21.81	21.76		
15	QPSK	1	37	21.49	21.58	21.41	23	0
15	QPSK	1	74	21.53	21.63	21.71		
15	QPSK	36	0	20.58	20.63	20.46		
15	QPSK	36	20	20.58	20.26	20.42	22	1
15	QPSK	36	39	20.60	20.47	20.45		
15	QPSK	75	0	20.68	20.80	20.29		
15	16QAM	1	0	20.91	20.74	20.44		
15	16QAM	1	37	20.40	20.35	20.59	22	1
15	16QAM	1	74	20.40	20.25	20.44		
15	16QAM	36	0	19.62	19.30	19.43		
15	16QAM	36	20	19.73	19.45	19.52	21	2
15	16QAM	36	39	19.55	19.36	19.33		
15	16QAM	75	0	19.68	19.39	19.36		
15	64QAM	1	0	19.56	19.56	19.54		
15	64QAM	1	37	19.33	19.86	19.26	21	2
15	64QAM	1	74	19.80	19.46	19.66		
15	64QAM	36	0	18.66	18.47	18.54		
15	64QAM	36	20	18.65	18.43	18.60	20	3
15	64QAM	36	39	18.63	18.45	18.44		
15	64QAM	75	0	18.68	18.42	18.53		
15	256QAM	1	0	16.45	16.62	16.55		
15	256QAM	1	37	16.56	16.75	16.53	18	5
15	256QAM	1	74	16.55	16.68	16.66		
15	256QAM	36	0	16.66	16.70	16.78		
15	256QAM	36	20	16.76	16.80	16.67	18	5
15	256QAM	36	39	16.59	16.66	16.76		
15	256QAM	75	0	16.66	16.66	16.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.74	21.75	21.75		
10	QPSK	1	25	21.58	21.57	21.31	23	0
10	QPSK	1	49	21.61	21.56	21.62		
10	QPSK	25	0	20.64	20.63	20.38		
10	QPSK	25	12	20.61	20.25	20.42	22	1
10	QPSK	25	25	20.62	20.51	20.39		
10	QPSK	50	0	20.70	20.74	20.32		
10	16QAM	1	0	21.01	20.68	20.45		
10	16QAM	1	25	20.46	20.41	20.53	22	1
10	16QAM	1	49	20.47	20.28	20.50		
10	16QAM	25	0	19.70	19.36	19.51		
10	16QAM	25	12	19.63	19.50	19.56	21	2
10	16QAM	25	25	19.53	19.36	19.34		
10	16QAM	50	0	19.64	19.36	19.41		
10	64QAM	1	0	19.50	19.52	19.60		
10	64QAM	1	25	19.29	19.81	19.28	21	2
10	64QAM	1	49	19.83	19.54	19.59		
10	64QAM	25	0	18.71	18.42	18.44		
10	64QAM	25	12	18.61	18.49	18.60	20	3
10	64QAM	25	25	18.71	18.40	18.41		
10	64QAM	50	0	18.76	18.38	18.49		
10	256QAM	1	0	16.54	16.64	16.53		
10	256QAM	1	25	16.53	16.71	16.57	18	5
10	256QAM	1	49	16.59	16.57	16.63		
10	256QAM	25	0	16.66	16.75	16.75		
10	256QAM	25	12	16.76	16.74	16.69	18	5
10	256QAM	25	25	16.61	16.73	16.73		
10	256QAM	50	0	16.60	16.66	16.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.70	21.80	21.70		
5	QPSK	1	12	21.57	21.59	21.38	23	0
5	QPSK	1	24	21.62	21.56	21.72		
5	QPSK	12	0	20.65	20.69	20.38		
5	QPSK	12	7	20.62	20.21	20.52	22	1
5	QPSK	12	13	20.69	20.39	20.50		
5	QPSK	25	0	20.63	20.80	20.32		
5	16QAM	1	0	20.98	20.66	20.46		
5	16QAM	1	12	20.48	20.42	20.57	22	1
5	16QAM	1	24	20.41	20.33	20.47		
5	16QAM	12	0	19.63	19.39	19.41		
5	16QAM	12	7	19.66	19.47	19.50	21	2
5	16QAM	12	13	19.60	19.37	19.32		
5	16QAM	25	0	19.62	19.39	19.45		
5	64QAM	1	0	19.62	19.57	19.57		
5	64QAM	1	12	19.33	19.87	19.21	21	2
5	64QAM	1	24	19.80	19.46	19.57		
5	64QAM	12	0	18.66	18.39	18.53		
5	64QAM	12	7	18.66	18.37	18.62		
5	64QAM	12	13	18.71	18.39	18.49	20	3
5	64QAM	25	0	18.79	18.44	18.47		
5	256QAM	1	0	16.51	16.60	16.61		
5	256QAM	1	12	16.55	16.69	16.52	18	5
5	256QAM	1	24	16.60	16.67	16.65		
5	256QAM	12	0	16.65	16.80	16.72		
5	256QAM	12	7	16.73	16.71	16.67		
5	256QAM	12	13	16.53	16.73	16.68	18	5
5	256QAM	25	0	16.54	16.64	16.47		

Band 38_Ant 1

BW [MHz]	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	22.97	22.98	22.88		
20	QPSK	1	49	22.97	22.75	22.78	24	0
20	QPSK	1	99	22.70	22.64	22.71		
20	QPSK	50	0	21.67	21.72	21.35		
20	QPSK	50	24	21.53	21.36	21.45	23	1
20	QPSK	50	50	21.60	21.41	21.56		
20	QPSK	100	0	21.58	21.66	21.51		
20	16QAM	1	0	21.61	21.45	21.67		
20	16QAM	1	49	21.48	21.68	21.83	23	1
20	16QAM	1	99	21.72	21.73	21.68		
20	16QAM	50	0	20.72	20.50	20.45		
20	16QAM	50	24	20.57	20.46	20.44	22	2
20	16QAM	50	50	20.55	20.43	20.61		
20	16QAM	100	0	20.58	20.41	20.36		
20	64QAM	1	0	20.71	20.63	20.64		
20	64QAM	1	49	20.86	20.72	20.73	22	2
20	64QAM	1	99	20.63	20.67	20.66		
20	64QAM	50	0	19.62	19.36	19.52		
20	64QAM	50	24	19.68	19.42	19.42		
20	64QAM	50	50	19.67	19.58	19.56	21	3
20	64QAM	100	0	19.72	19.44	19.49		
20	256QAM	1	0	17.78	17.91	17.77		
20	256QAM	1	49	17.48	17.54	17.54	19	5
20	256QAM	1	99	17.48	17.48	17.37		
20	256QAM	50	0	17.74	17.84	17.74		
20	256QAM	50	24	17.76	17.71	17.61	19	5
20	256QAM	50	50	17.77	17.81	17.76		
20	256QAM	100	0	17.64	17.68	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.92	22.91	22.94		
15	QPSK	1	37	22.89	22.86	22.85	24	0
15	QPSK	1	74	22.70	22.65	22.74		
15	QPSK	36	0	21.78	21.73	21.36		
15	QPSK	36	20	21.60	21.39	21.51	23	1
15	QPSK	36	39	21.67	21.50	21.57		
15	QPSK	75	0	21.61	21.69	21.62		
15	16QAM	1	0	21.70	21.45	21.69		
15	16QAM	1	37	21.50	21.78	21.89	23	1
15	16QAM	1	74	21.83	21.73	21.73		
15	16QAM	36	0	20.79	20.60	20.49		
15	16QAM	36	20	20.68	20.47	20.47	22	2
15	16QAM	36	39	20.64	20.51	20.69		
15	16QAM	75	0	20.69	20.42	20.48		
15	64QAM	1	0	20.71	20.65	20.73		
15	64QAM	1	37	20.87	20.74	20.78	22	2
15	64QAM	1	74	20.74	20.67	20.72		
15	64QAM	36	0	19.73	19.46	19.60		
15	64QAM	36	20	19.72	19.49	19.52	21	3
15	64QAM	36	39	19.76	19.61	19.68		
15	64QAM	75	0	19.75	19.50	19.59		
15	256QAM	1	0	17.81	17.91	17.77		
15	256QAM	1	37	17.49	17.58	17.62	19	5
15	256QAM	1	74	17.56	17.49	17.39		
15	256QAM	36	0	17.86	17.90	17.85		
15	256QAM	36	20	17.80	17.76	17.68	19	5
15	256QAM	36	39	17.81	17.81	17.88		
15	256QAM	75	0	17.65	17.78	17.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.91	22.95	22.89		
10	QPSK	1	25	22.84	22.79	22.90	24	0
10	QPSK	1	49	22.73	22.65	22.72		
10	QPSK	25	0	21.74	21.83	21.44		
10	QPSK	25	12	21.64	21.37	21.46	23	1
10	QPSK	25	25	21.64	21.49	21.61		
10	QPSK	50	0	21.64	21.66	21.60		
10	16QAM	1	0	21.62	21.49	21.68		
10	16QAM	1	25	21.52	21.73	21.83	23	1
10	16QAM	1	49	21.76	21.82	21.69		
10	16QAM	25	0	20.81	20.59	20.52		
10	16QAM	25	12	20.61	20.49	20.50	22	2
10	16QAM	25	25	20.64	20.53	20.69		
10	16QAM	50	0	20.60	20.47	20.48		
10	64QAM	1	0	20.73	20.64	20.66		
10	64QAM	1	25	20.86	20.82	20.77	22	2
10	64QAM	1	49	20.68	20.74	20.74		
10	64QAM	25	0	19.73	19.36	19.52		
10	64QAM	25	12	19.72	19.54	19.45	21	3
10	64QAM	25	25	19.76	19.67	19.66		
10	64QAM	50	0	19.75	19.52	19.57		
10	256QAM	1	0	17.88	17.99	17.77		
10	256QAM	1	25	17.49	17.62	17.61	19	5
10	256QAM	1	49	17.56	17.60	17.40		
10	256QAM	25	0	17.80	17.87	17.75		
10	256QAM	25	12	17.86	17.82	17.63	19	5
10	256QAM	25	25	17.85	17.88	17.88		
10	256QAM	50	0	17.76	17.73	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.97	22.91	22.91		
5	QPSK	1	12	22.84	22.76	22.87	24	0
5	QPSK	1	24	22.75	22.73	22.80		
5	QPSK	12	0	21.78	21.72	21.38		
5	QPSK	12	7	21.59	21.46	21.53	23	1
5	QPSK	12	13	21.67	21.44	21.60		
5	QPSK	25	0	21.62	21.73	21.52		
5	16QAM	1	0	21.63	21.50	21.79		
5	16QAM	1	12	21.55	21.74	21.88	23	1
5	16QAM	1	24	21.75	21.83	21.68		
5	16QAM	12	0	20.79	20.57	20.55		
5	16QAM	12	7	20.66	20.58	20.50	22	2
5	16QAM	12	13	20.65	20.51	20.68		
5	16QAM	25	0	20.64	20.41	20.36		
5	64QAM	1	0	20.81	20.66	20.76		
5	64QAM	1	12	20.93	20.75	20.79	22	2
5	64QAM	1	24	20.70	20.72	20.75		
5	64QAM	12	0	19.71	19.36	19.57		
5	64QAM	12	7	19.78	19.42	19.47		
5	64QAM	12	13	19.78	19.60	19.57	21	3
5	64QAM	25	0	19.78	19.47	19.56		
5	256QAM	1	0	17.86	17.94	17.79		
5	256QAM	1	12	17.49	17.60	17.61	19	5
5	256QAM	1	24	17.50	17.55	17.44		
5	256QAM	12	0	17.78	17.87	17.84		
5	256QAM	12	7	17.87	17.71	17.65	19	5
5	256QAM	12	13	17.84	17.82	17.81		
5	256QAM	25	0	17.73	17.73	17.63		

Band 38_Ant 2

BW [MHz]	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	24.29	24.45	24.20		
20	QPSK	1	49	24.32	24.17	24.13	25.5	0
20	QPSK	1	99	24.31	24.05	24.06		
20	QPSK	50	0	23.32	23.42	23.10		
20	QPSK	50	24	23.18	23.28	23.32	24.5	1
20	QPSK	50	50	23.28	23.29	23.23		
20	QPSK	100	0	23.12	23.16	23.05		
20	16QAM	1	0	23.01	22.88	23.01		
20	16QAM	1	49	23.14	23.06	22.96	24.5	1
20	16QAM	1	99	22.98	23.04	23.18		
20	16QAM	50	0	22.10	22.04	22.14		
20	16QAM	50	24	22.38	22.32	22.13	23.5	2
20	16QAM	50	50	22.41	22.15	22.19		
20	16QAM	100	0	22.32	22.08	22.07		
20	64QAM	1	0	22.42	22.12	22.03		
20	64QAM	1	49	22.44	21.95	21.92	23.5	2
20	64QAM	1	99	22.12	22.18	22.09		
20	64QAM	50	0	21.32	21.07	21.11		
20	64QAM	50	24	21.55	21.11	21.15	22.5	3
20	64QAM	50	50	21.44	21.08	21.30		
20	64QAM	100	0	21.44	21.04	21.24		
20	256QAM	1	0	19.41	19.48	19.44		
20	256QAM	1	49	19.32	19.43	19.34	20.5	5
20	256QAM	1	99	19.29	19.37	19.23		
20	256QAM	50	0	19.31	19.30	19.33		
20	256QAM	50	24	19.45	19.34	19.38	20.5	5
20	256QAM	50	50	19.31	19.43	19.31		
20	256QAM	100	0	19.43	19.41	19.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.21	24.42	24.08		
15	QPSK	1	37	24.31	24.11	24.05	25.5	0
15	QPSK	1	74	24.29	23.94	23.97		
15	QPSK	36	0	23.28	23.41	22.98		
15	QPSK	36	20	23.14	23.23	23.32	24.5	1
15	QPSK	36	39	23.27	23.25	23.17		
15	QPSK	75	0	23.04	23.12	23.05		
15	16QAM	1	0	22.90	22.88	22.89		
15	16QAM	1	37	23.05	22.95	22.91	24.5	1
15	16QAM	1	74	22.98	22.93	23.14		
15	16QAM	36	0	22.07	21.92	22.12		
15	16QAM	36	20	22.33	22.28	22.10	23.5	2
15	16QAM	36	39	22.41	22.04	22.14		
15	16QAM	75	0	22.26	21.96	21.95		
15	64QAM	1	0	22.39	22.06	21.91		
15	64QAM	1	37	22.41	21.93	22.01	23.5	2
15	64QAM	1	74	22.06	22.18	22.00		
15	64QAM	36	0	21.31	21.02	21.04		
15	64QAM	36	20	21.52	21.03	21.15	22.5	3
15	64QAM	36	39	21.34	21.03	21.19		
15	64QAM	75	0	21.35	20.97	21.17		
15	256QAM	1	0	19.38	19.41	19.44		
15	256QAM	1	37	19.32	19.31	19.26	20.5	5
15	256QAM	1	74	19.23	19.36	19.14		
15	256QAM	36	0	19.22	19.21	19.27		
15	256QAM	36	20	19.35	19.26	19.33	20.5	5
15	256QAM	36	39	19.26	19.42	19.20		
15	256QAM	75	0	19.40	19.38	19.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.26	24.39	24.19		
10	QPSK	1	25	24.25	24.14	24.06	25.5	0
10	QPSK	1	49	24.31	24.02	23.99		
10	QPSK	25	0	23.30	23.42	23.03		
10	QPSK	25	12	23.10	23.20	23.22	24.5	1
10	QPSK	25	25	23.23	23.20	23.22		
10	QPSK	50	0	23.02	23.15	23.03		
10	16QAM	1	0	22.94	22.80	22.96		
10	16QAM	1	25	23.07	22.97	22.91	24.5	1
10	16QAM	1	49	22.93	22.92	23.09		
10	16QAM	25	0	22.00	22.03	22.07		
10	16QAM	25	12	22.32	22.26	22.11	23.5	2
10	16QAM	25	25	22.31	22.07	22.14		
10	16QAM	50	0	22.29	22.08	22.02		
10	64QAM	1	0	22.35	22.10	22.00		
10	64QAM	1	25	22.37	21.85	21.90	23.5	2
10	64QAM	1	49	22.11	22.10	22.03		
10	64QAM	25	0	21.27	20.99	21.00		
10	64QAM	25	12	21.48	21.06	21.06	22.5	3
10	64QAM	25	25	21.35	21.05	21.28		
10	64QAM	50	0	21.32	20.92	21.23		
10	256QAM	1	0	19.39	19.40	19.33		
10	256QAM	1	25	19.27	19.38	19.30	20.5	5
10	256QAM	1	49	19.28	19.25	19.14		
10	256QAM	25	0	19.19	19.26	19.26		
10	256QAM	25	12	19.42	19.24	19.26	20.5	5
10	256QAM	25	25	19.29	19.37	19.39		
10	256QAM	50	0	19.34	19.39	19.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.35	24.14		
5	QPSK	1	12	24.24	24.10	24.12	25.5	0
5	QPSK	1	24	24.26	24.01	23.96		
5	QPSK	12	0	23.24	23.37	23.05		
5	QPSK	12	7	23.10	23.20	23.25	24.5	1
5	QPSK	12	13	23.24	23.18	23.22		
5	QPSK	25	0	23.03	23.11	22.99		
5	16QAM	1	0	22.93	22.88	22.98		
5	16QAM	1	12	23.10	23.02	22.84	24.5	1
5	16QAM	1	24	22.94	22.99	23.09		
5	16QAM	12	0	22.08	22.02	22.14		
5	16QAM	12	7	22.38	22.20	22.04	23.5	2
5	16QAM	12	13	22.36	22.11	22.09		
5	16QAM	25	0	22.27	21.99	21.95		
5	64QAM	1	0	22.35	22.10	21.92		
5	64QAM	1	12	22.34	21.86	21.89	23.5	2
5	64QAM	1	24	22.01	22.13	21.97		
5	64QAM	12	0	21.29	21.01	21.06		
5	64QAM	12	7	21.50	21.01	21.05	22.5	3
5	64QAM	12	13	21.40	20.98	21.30		
5	64QAM	25	0	21.36	20.98	21.21		
5	256QAM	1	0	19.40	19.38	19.39		
5	256QAM	1	12	19.28	19.33	19.33	20.5	5
5	256QAM	1	24	19.27	19.29	19.19		
5	256QAM	12	0	19.25	19.20	19.23		
5	256QAM	12	7	19.45	19.25	19.29	20.5	5
5	256QAM	12	13	19.24	19.42	19.28		
5	256QAM	25	0	19.35	19.34	19.34		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.59	24.62	24.57	25.7	0
20	QPSK	1	49	24.58	24.34	24.53		
20	QPSK	1	99	24.57	24.24	24.33		
20	QPSK	50	0	23.55	23.58	23.47	24.7	1
20	QPSK	50	24	23.55	23.58	23.38		
20	QPSK	50	50	23.57	23.44	23.46		
20	QPSK	100	0	23.49	23.53	23.44		
20	16QAM	1	0	23.55	23.66	23.86	24.7	1
20	16QAM	1	49	23.97	23.71	23.51		
20	16QAM	1	99	23.72	23.54	23.46		
20	16QAM	50	0	22.54	22.37	22.47	23.7	2
20	16QAM	50	24	22.68	22.36	22.48		
20	16QAM	50	50	22.60	22.54	22.52		
20	16QAM	100	0	22.75	22.25	22.40		
20	64QAM	1	0	22.74	22.51	22.36	23.7	2
20	64QAM	1	49	22.67	22.36	22.40		
20	64QAM	1	99	22.60	22.47	22.58		
20	64QAM	50	0	21.65	21.37	21.40	22.7	3
20	64QAM	50	24	21.72	21.40	21.42		
20	64QAM	50	50	21.63	21.36	21.47		
20	64QAM	100	0	21.61	21.33	21.40		
20	256QAM	1	0	19.63	19.77	19.72	20.7	5
20	256QAM	1	49	19.63	19.70	19.55		
20	256QAM	1	99	19.46	19.55	19.46		
20	256QAM	50	0	19.57	19.65	19.54		
20	256QAM	50	24	19.48	19.64	19.59	20.7	5
20	256QAM	50	50	19.53	19.69	19.56		
20	256QAM	100	0	19.53	19.67	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.52	24.36	25.7	0
15	QPSK	1	37	24.58	24.26	24.47		
15	QPSK	1	74	24.51	24.20	24.30		
15	QPSK	36	0	23.54	23.55	23.36	24.7	1
15	QPSK	36	20	23.43	23.27	23.35		
15	QPSK	36	39	23.55	23.37	23.40		
15	QPSK	75	0	23.40	23.44	23.32		
15	16QAM	1	0	23.48	23.59	23.80	24.7	1
15	16QAM	1	37	23.85	23.61	23.43		
15	16QAM	1	74	23.71	23.45	23.38		
15	16QAM	36	0	22.42	22.26	22.43	23.7	2
15	16QAM	36	20	22.59	22.24	22.41		
15	16QAM	36	39	22.49	22.44	22.41		
15	16QAM	75	0	22.73	22.54	22.31		
15	64QAM	1	0	22.66	22.49	22.35	23.7	2
15	64QAM	1	37	22.75	22.34	22.29		
15	64QAM	1	74	22.49	22.38	22.50		
15	64QAM	36	0	21.63	21.32	21.37	22.7	3
15	64QAM	36	20	21.61	21.38	21.39		
15	64QAM	36	39	21.56	21.27	21.45		
15	64QAM	75	0	21.57	21.32	21.40		
15	256QAM	1	0	19.60	19.69	19.66	20.7	5
15	256QAM	1	37	19.62	19.58	19.44		
15	256QAM	1	74	19.41	19.43	19.34		
15	256QAM	36	0	19.56	19.55	19.50	20.7	5
15	256QAM	36	20	19.48	19.63	19.49		
15	256QAM	36	39	19.52	19.62	19.55		
15	256QAM	75	0	19.50	19.65	19.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.59	24.61	24.32	25.7	0
10	QPSK	1	25	24.55	24.30	24.41		
10	QPSK	1	49	24.51	24.13	24.28		
10	QPSK	25	0	23.44	23.58	23.42	24.7	1
10	QPSK	25	12	23.45	23.31	23.33		
10	QPSK	25	25	23.55	23.44	23.37		
10	QPSK	50	0	23.43	23.43	23.34		
10	16QAM	1	0	23.48	23.58	23.79	24.7	1
10	16QAM	1	25	23.97	23.66	23.39		
10	16QAM	1	49	23.64	23.43	23.43		
10	16QAM	25	0	22.51	22.34	22.44	23.7	2
10	16QAM	25	12	22.65	22.30	22.44		
10	16QAM	25	25	22.56	22.50	22.51		
10	16QAM	50	0	22.70	22.21	22.38		
10	64QAM	1	0	22.73	22.44	22.34	23.7	2
10	64QAM	1	25	22.85	22.26	22.32		
10	64QAM	1	49	22.51	22.43	22.58		
10	64QAM	25	0	21.65	21.36	21.38	22.7	3
10	64QAM	25	12	21.65	21.34	21.32		
10	64QAM	25	25	21.53	21.24	21.41		
10	64QAM	50	0	21.60	21.24	21.33		
10	256QAM	1	0	19.62	19.75	19.62	20.7	5
10	256QAM	1	25	19.60	19.69	19.55		
10	256QAM	1	49	19.46	19.54	19.34		
10	256QAM	25	0	19.48	19.65	19.48	20.7	5
10	256QAM	25	12	19.37	19.53	19.48		
10	256QAM	25	25	19.50	19.67	19.54		
10	256QAM	50	0	19.52	19.61	19.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.54	24.51	24.25	25.7	0
5	QPSK	1	12	24.53	24.33	24.41		
5	QPSK	1	24	24.47	24.12	24.31		
5	QPSK	12	0	23.46	23.58	23.43	24.7	1
5	QPSK	12	7	23.49	23.36	23.30		
5	QPSK	12	13	23.54	23.33	23.46		
5	QPSK	25	0	23.44	23.50	23.42		
5	16QAM	1	0	23.48	23.66	23.78	24.7	1
5	16QAM	1	12	23.93	23.66	23.51		
5	16QAM	1	24	23.63	23.49	23.42		
5	16QAM	12	0	22.51	22.37	22.38	23.7	2
5	16QAM	12	7	22.66	22.35	22.46		
5	16QAM	12	13	22.50	22.47	22.40		
5	16QAM	25	0	22.70	22.23	22.33		
5	64QAM	1	0	22.72	22.45	22.24	23.7	2
5	64QAM	1	12	22.80	22.36	22.35		
5	64QAM	1	24	22.60	22.45	22.49		
5	64QAM	12	0	21.64	21.36	21.37	22.7	3
5	64QAM	12	7	21.61	21.37	21.41		
5	64QAM	12	13	21.61	21.36	21.38		
5	64QAM	25	0	21.59	21.32	21.37		
5	256QAM	1	0	19.52	19.71	19.68	20.7	5
5	256QAM	1	12	19.57	19.68	19.50		
5	256QAM	1	24	19.40	19.49	19.42		
5	256QAM	12	0	19.45	19.55	19.53	20.7	5
5	256QAM	12	7	19.39	19.62	19.49		
5	256QAM	12	13	19.47	19.63	19.55		
5	256QAM	25	0	19.42	19.63	19.46		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.95	21.96	21.98	21.94	21.97	23	0
20	QPSK	1	49	21.85	21.96	21.97	21.93	21.92		
20	QPSK	1	99	21.95	21.94	21.96	21.94	21.92		
20	QPSK	50	0	20.79	20.86	20.87	20.79	20.75	22	1
20	QPSK	50	24	20.77	20.74	20.80	20.77	20.83		
20	QPSK	50	50	20.77	20.76	20.79	20.83	20.78		
20	QPSK	100	0	20.76	20.77	20.86	20.84	20.80		
20	16QAM	1	0	20.78	20.80	20.75	20.79	20.75	22	1
20	16QAM	1	49	20.68	20.77	20.76	20.67	20.72		
20	16QAM	1	99	20.74	20.84	20.80	20.74	20.69		
20	16QAM	50	0	19.73	19.76	19.81	19.74	19.68	21	2
20	16QAM	50	24	19.77	19.80	19.82	19.75	19.73		
20	16QAM	50	50	19.78	19.80	19.82	19.71	19.73		
20	16QAM	100	0	19.74	19.79	19.86	19.68	19.66		
20	64QAM	1	0	19.78	19.85	19.82	19.72	19.67	21	2
20	64QAM	1	49	19.72	19.85	19.82	19.72	19.69		
20	64QAM	1	99	19.71	19.83	19.77	19.71	19.63		
20	64QAM	50	0	18.61	18.72	18.74	18.60	18.59	20	3
20	64QAM	50	24	18.64	18.72	18.77	18.61	18.57		
20	64QAM	50	50	18.71	18.73	18.68	18.63	18.53		
20	64QAM	100	0	18.61	18.78	18.73	18.62	18.60		
20	256QAM	1	0	16.52	16.68	16.63	16.49	16.51	18	5
20	256QAM	1	49	16.58	16.69	16.73	16.57	16.54		
20	256QAM	1	99	16.51	16.69	16.72	16.56	16.48		
20	256QAM	50	0	16.53	16.69	16.73	16.59	16.47		
20	256QAM	50	24	16.51	16.61	16.72	16.49	16.49	18	5
20	256QAM	50	50	16.61	16.65	16.66	16.54	16.59		
20	256QAM	100	0	16.60	16.68	16.69	16.49	16.53		
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	21.92	21.96	21.91	21.82	21.96	23.00	0
15	QPSK	1	37	21.82	21.95	21.87	21.85	21.91		
15	QPSK	1	74	21.88	21.86	21.96	21.86	21.89		
15	QPSK	36	0	20.69	20.75	20.83	20.69	20.65	22	1
15	QPSK	36	20	20.68	20.64	20.74	20.75	20.72		
15	QPSK	36	39	20.72	20.66	20.73	20.80	20.70		
15	QPSK	75	0	20.70	20.66	20.85	20.78	20.79		
15	16QAM	1	0	20.67	20.80	20.73	20.71	20.74	22	1
15	16QAM	1	37	20.56	20.71	20.71	20.61	20.64		
15	16QAM	1	74	20.71	20.74	20.78	20.62	20.61		
15	16QAM	36	0	19.64	19.65	19.72	19.74	19.58	21	2
15	16QAM	36	20	19.71	19.73	19.76	19.69	19.71		
15	16QAM	36	39	19.73	19.68	19.77	19.64	19.63		
15	16QAM	75	0	19.62	19.67	19.86	19.56	19.66		
15	64QAM	1	0	19.71	19.77	19.80	19.70	19.59	21	2
15	64QAM	1	37	19.71	19.84	19.82	19.68	19.65		
15	64QAM	1	74	19.69	19.80	19.67	19.64	19.54		
15	64QAM	36	0	18.57	18.64	18.67	18.60	18.55	20	3
15	64QAM	36	20	18.59	18.64	18.68	18.59	18.55		
15	64QAM	36	39	18.66	18.66	18.67	18.60	18.42		
15	64QAM	75	0	18.52	18.76	18.61	18.55	18.55		
15	256QAM	1	0	16.45	16.65	16.62	16.48	16.39	18	5
15	256QAM	1	37	16.53	16.64	16.62	16.49	16.49		
15	256QAM	1	74	16.46	16.66	16.67	16.48	16.36		
15	256QAM	36	0	16.41	16.58	16.68	16.54	16.44	18	5
15	256QAM	36	20	16.40	16.53	16.69	16.37	16.47		
15	256QAM	36	39	16.54	16.54	16.59	16.47	16.54		
15	256QAM	75	0	16.54	16.58	16.68	16.47	16.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.87	21.95	21.89	21.84	21.93	23.00	0
10	QPSK	1	25	21.85	21.94	21.85	21.87	21.80		
10	QPSK	1	49	21.90	21.85	21.96	21.85	21.89		
10	QPSK	25	0	20.70	20.80	20.84	20.79	20.71	22	1
10	QPSK	25	12	20.76	20.65	20.74	20.67	20.76		
10	QPSK	25	25	20.73	20.74	20.70	20.76	20.78		
10	QPSK	50	0	20.65	20.75	20.82	20.83	20.74		
10	16QAM	1	0	20.69	20.74	20.70	20.77	20.67	22	1
10	16QAM	1	25	20.59	20.68	20.65	20.59	20.62		
10	16QAM	1	49	20.70	20.78	20.72	20.66	20.65		
10	16QAM	25	0	19.67	19.64	19.76	19.66	19.66	21	2
10	16QAM	25	12	19.67	19.70	19.70	19.69	19.70		
10	16QAM	25	25	19.78	19.69	19.70	19.60	19.73		
10	16QAM	50	0	19.74	19.79	19.78	19.62	19.63		
10	64QAM	1	0	19.77	19.77	19.77	19.69	19.64	21	2
10	64QAM	1	25	19.70	19.78	19.70	19.64	19.63		
10	64QAM	1	49	19.71	19.73	19.71	19.69	19.55		
10	64QAM	25	0	18.53	18.60	18.70	18.49	18.50	20	3
10	64QAM	25	12	18.59	18.60	18.74	18.56	18.57		
10	64QAM	25	25	18.59	18.65	18.68	18.56	18.46		
10	64QAM	50	0	18.53	18.75	18.66	18.57	18.59		
10	256QAM	1	0	16.51	16.61	16.59	16.46	16.51	18	5
10	256QAM	1	25	16.57	16.61	16.62	16.51	16.50		
10	256QAM	1	49	16.49	16.58	16.67	16.44	16.45		
10	256QAM	25	0	16.46	16.65	16.65	16.50	16.39	18	5
10	256QAM	25	12	16.48	16.57	16.63	16.40	16.41		
10	256QAM	25	25	16.58	16.60	16.65	16.44	16.52		
10	256QAM	50	0	16.49	16.61	16.59	16.46	16.50		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.92	21.85	21.97	21.91	21.89	23.00	0
5	QPSK	1	12	21.74	21.87	21.94	21.90	21.83		
5	QPSK	1	24	21.92	21.85	21.95	21.93	21.90		
5	QPSK	12	0	20.77	20.81	20.85	20.78	20.74	22	1
5	QPSK	12	7	20.67	20.63	20.68	20.70	20.75		
5	QPSK	12	13	20.69	20.68	20.69	20.80	20.77		
5	QPSK	25	0	20.72	20.65	20.77	20.77	20.70		
5	16QAM	1	0	20.73	20.78	20.72	20.67	20.75	22	1
5	16QAM	1	12	20.60	20.74	20.71	20.64	20.72		
5	16QAM	1	24	20.65	20.77	20.78	20.64	20.66		
5	16QAM	12	0	19.67	19.73	19.69	19.66	19.68	21	2
5	16QAM	12	7	19.76	19.78	19.71	19.72	19.64		
5	16QAM	12	13	19.75	19.68	19.72	19.67	19.67		
5	16QAM	25	0	19.73	19.68	19.86	19.62	19.61		
5	64QAM	1	0	19.70	19.75	19.70	19.64	19.57	21	2
5	64QAM	1	12	19.70	19.81	19.81	19.67	19.65		
5	64QAM	1	24	19.67	19.74	19.72	19.64	19.58		
5	64QAM	12	0	18.55	18.61	18.73	18.50	18.49	20	3
5	64QAM	12	7	18.54	18.63	18.72	18.56	18.47		
5	64QAM	12	13	18.62	18.62	18.62	18.59	18.46		
5	64QAM	25	0	18.51	18.67	18.66	18.51	18.51		
5	256QAM	1	0	16.51	16.63	16.52	16.43	16.47	18	5
5	256QAM	1	12	16.49	16.63	16.62	16.56	16.54		
5	256QAM	1	24	16.45	16.64	16.70	16.56	16.44		
5	256QAM	12	0	16.42	16.69	16.64	16.54	16.37	18	5
5	256QAM	12	7	16.48	16.57	16.72	16.44	16.43		
5	256QAM	12	13	16.53	16.63	16.61	16.45	16.58		
5	256QAM	25	0	16.50	16.62	16.67	16.44	16.41		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.14	23.05	23.16	22.95	23.03	24	0
20	QPSK	1	49	23.02	23.05	23.06	22.95	22.93		
20	QPSK	1	99	23.09	22.97	23.14	22.85	22.96		
20	QPSK	50	0	22.02	22.00	22.14	21.86	21.96	23	1
20	QPSK	50	24	22.13	22.02	22.11	21.95	21.96		
20	QPSK	50	50	22.13	21.98	22.12	21.90	22.01		
20	QPSK	100	0	22.05	22.05	22.15	21.85	21.94		
20	16QAM	1	0	22.08	22.04	22.07	21.84	22.03	23	1
20	16QAM	1	49	22.02	22.05	22.05	21.84	22.02		
20	16QAM	1	99	22.04	22.03	22.08	21.90	21.93		
20	16QAM	50	0	21.09	21.02	21.13	20.86	21.00	22	2
20	16QAM	50	24	21.12	21.05	21.12	20.88	20.93		
20	16QAM	50	50	21.08	20.96	21.15	20.83	20.95		
20	16QAM	100	0	21.04	21.00	21.06	20.85	20.96		
20	64QAM	1	0	21.02	21.04	21.11	20.86	21.01	22	2
20	64QAM	1	49	21.12	20.99	21.13	20.83	20.98		
20	64QAM	1	99	21.08	21.00	21.15	20.89	20.93		
20	64QAM	50	0	20.03	20.04	20.09	19.87	20.03	21	3
20	64QAM	50	24	20.13	19.99	20.13	19.85	20.01		
20	64QAM	50	50	20.11	20.02	20.10	19.84	19.94		
20	64QAM	100	0	20.14	19.99	20.09	19.91	19.95		
20	256QAM	1	0	18.09	17.98	18.13	17.89	17.93	19	5
20	256QAM	1	49	18.08	18.03	18.05	17.85	17.97		
20	256QAM	1	99	18.03	17.97	18.08	17.85	18.03		
20	256QAM	50	0	18.13	17.98	18.11	17.84	17.98	19	5
20	256QAM	50	24	18.06	18.04	18.12	17.85	17.98		
20	256QAM	50	50	18.07	18.05	18.05	17.84	17.93		
20	256QAM	100	0	18.05	17.95	18.15	17.93	18.02		
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	23.05	22.94	23.11	22.95	22.91	24.00	0
15	QPSK	1	37	23.01	23.03	22.95	22.86	22.89		
15	QPSK	1	74	23.09	22.94	23.09	22.85	22.88		
15	QPSK	36	0	21.91	21.96	22.11	21.84	21.91	23	1
15	QPSK	36	20	22.04	21.92	22.05	21.88	21.87		
15	QPSK	36	39	22.01	21.88	22.01	21.78	21.97		
15	QPSK	75	0	21.96	22.04	22.12	21.81	21.85		
15	16QAM	1	0	21.97	21.96	22.07	21.82	21.93	23	1
15	16QAM	1	37	21.99	22.00	22.03	21.75	21.96		
15	16QAM	1	74	22.04	21.95	22.05	21.81	21.83		
15	16QAM	36	0	21.01	20.97	21.13	20.76	20.92	22	2
15	16QAM	36	20	21.11	21.00	21.09	20.85	20.90		
15	16QAM	36	39	20.99	20.88	21.12	20.76	20.95		
15	16QAM	75	0	21.04	21.00	20.96	20.82	20.93		
15	64QAM	1	0	20.97	20.92	21.11	20.86	21.01	22	2
15	64QAM	1	37	21.07	20.99	21.04	20.82	20.93		
15	64QAM	1	74	21.04	20.89	21.06	20.85	20.93		
15	64QAM	36	0	19.91	20.03	19.97	19.77	19.95	21	3
15	64QAM	36	20	20.05	19.95	20.11	19.77	19.94		
15	64QAM	36	39	20.07	19.93	20.04	19.72	19.85		
15	64QAM	75	0	20.04	19.96	20.08	19.79	19.88		
15	256QAM	1	0	18.06	17.96	18.04	17.79	17.90	19	5
15	256QAM	1	37	18.03	17.96	17.94	17.80	17.87		
15	256QAM	1	74	17.95	17.92	18.05	17.79	17.94		
15	256QAM	36	0	18.07	17.87	17.99	17.77	17.88	19	5
15	256QAM	36	20	18.03	17.94	18.10	17.74	17.98		
15	256QAM	36	39	17.97	18.04	17.97	17.76	17.90		
15	256QAM	75	0	17.99	17.88	18.07	17.81	17.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.12	23.02	23.09	22.86	23.03	24.00	0
10	QPSK	1	25	22.97	22.95	23.05	22.92	22.89		
10	QPSK	1	49	23.04	22.97	23.10	22.77	22.86		
10	QPSK	25	0	21.98	21.95	22.14	21.78	21.88	23	1
10	QPSK	25	12	22.04	22.01	22.07	21.87	21.91		
10	QPSK	25	25	22.10	21.86	22.04	21.89	21.96		
10	QPSK	50	0	21.94	22.03	22.05	21.82	21.82		
10	16QAM	1	0	22.02	21.93	21.99	21.73	21.98	23	1
10	16QAM	1	25	21.91	22.00	22.05	21.78	21.91		
10	16QAM	1	49	21.93	22.03	22.08	21.89	21.87		
10	16QAM	25	0	21.09	20.90	21.12	20.85	20.95	22	2
10	16QAM	25	12	21.10	21.05	21.07	20.85	20.86		
10	16QAM	25	25	21.02	20.92	21.10	20.76	20.87		
10	16QAM	50	0	21.02	20.89	21.00	20.83	20.91		
10	64QAM	1	0	20.91	20.94	21.10	20.86	20.95	22	2
10	64QAM	1	25	21.09	20.92	21.09	20.72	20.92		
10	64QAM	1	49	21.01	20.92	21.10	20.85	20.82		
10	64Q

Band 41_Ant 2

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	23.98	24.31	24.56	24.35	24.16	25.5	0
20	QPSK	1	49	24.13	24.38	23.97	24.07	24.29		
20	QPSK	1	99	23.88	24.18	24.06	23.99	24.09		
20	QPSK	50	0	23.02	23.38	23.47	23.21	23.25	24.5	1
20	QPSK	50	24	23.04	23.41	23.32	23.39	23.27		
20	QPSK	50	50	23.20	23.40	23.21	23.34	23.21		
20	QPSK	100	0	23.09	23.39	23.41	23.21	23.23		
20	16QAM	1	0	22.89	23.33	22.85	23.53	23.42	24.5	1
20	16QAM	1	49	23.06	23.18	23.42	23.32	23.23		
20	16QAM	1	99	22.74	23.09	23.45	23.04	23.23		
20	16QAM	50	0	21.98	22.38	22.19	22.35	22.26	23.5	2
20	16QAM	50	24	22.19	22.54	22.28	22.31	22.26		
20	16QAM	50	50	22.05	22.45	22.32	22.22	22.28		
20	16QAM	100	0	22.06	22.43	22.25	22.31	22.28		
20	64QAM	1	0	21.90	22.39	22.43	22.32	22.43	23.5	2
20	64QAM	1	49	22.19	22.36	22.06	21.84	22.02		
20	64QAM	1	99	21.97	22.15	22.14	22.04	21.71		
20	64QAM	50	0	20.98	21.45	21.19	21.22	21.25	22.5	3
20	64QAM	50	24	20.94	21.42	21.11	21.23	21.26		
20	64QAM	50	50	21.17	21.32	21.26	21.25	21.22		
20	64QAM	100	0	20.98	21.36	21.30	21.26	21.16		
20	256QAM	1	0	19.53	19.56	19.70	19.55	19.60	20.5	5
20	256QAM	1	49	19.14	19.24	19.42	19.16	19.19		
20	256QAM	1	99	19.38	19.38	19.46	19.39	19.44	20.5	5
20	256QAM	50	0	19.46	19.31	19.54	19.39	19.38		
20	256QAM	50	24	19.52	19.51	19.64	19.53	19.48		
20	256QAM	50	50	19.34	19.50	19.47	19.41	19.42		
20	256QAM	100	0	19.62	19.49	19.51	19.50	19.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.02	24.36	24.49	24.47	24.20	25.50	0
15	QPSK	1	37	24.20	24.38	24.04	24.11	24.34		
15	QPSK	1	74	23.77	24.27	24.12	24.01	24.09		
15	QPSK	36	0	23.11	23.48	23.48	23.26	23.27	24.5	1
15	QPSK	36	20	23.10	23.48	23.40	23.41	23.34		
15	QPSK	36	39	23.25	23.41	23.22	23.39	23.28		
15	QPSK	75	0	23.10	23.48	23.52	23.28	23.26		
15	16QAM	1	0	23.01	23.39	22.87	23.58	23.51	24.5	1
15	16QAM	1	37	23.11	23.19	23.51	23.40	23.26		
15	16QAM	1	74	22.74	23.11	23.51	23.11	23.30		
15	16QAM	36	0	21.99	22.43	22.27	22.38	22.34	23.5	2
15	16QAM	36	20	22.27	22.59	22.40	22.36	22.31		
15	16QAM	36	39	22.10	22.53	22.32	22.26	22.38		
15	16QAM	75	0	22.15	22.52	22.35	22.31	22.31		
15	64QAM	1	0	22.01	22.42	22.48	22.38	22.50	23.5	2
15	64QAM	1	37	22.26	22.42	22.17	21.91	22.07		
15	64QAM	1	74	21.99	22.22	22.19	22.15	21.76		
15	64QAM	36	0	21.03	21.46	21.27	21.33	21.29	22.5	3
15	64QAM	36	20	21.01	21.53	21.18	21.33	21.38		
15	64QAM	36	39	21.29	21.33	21.30	21.26	21.32		
15	64QAM	75	0	21.01	21.41	21.42	21.28	21.16		
15	256QAM	1	0	19.55	19.57	19.79	19.66	19.63	20.5	5
15	256QAM	1	37	19.17	19.32	19.48	19.17	19.20		
15	256QAM	1	74	19.46	19.42	19.57	19.47	19.52		
15	256QAM	36	0	19.53	19.31	19.55	19.47	19.50	20.5	5
15	256QAM	36	20	19.62	19.55	19.70	19.56	19.54		
15	256QAM	36	39	19.46	19.52	19.50	19.44	19.54		
15	256QAM	75	0	19.67	19.57	19.51	19.58	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.13	24.41	24.55	24.53	24.21	25.50	0
10	QPSK	1	25	24.26	24.40	24.59	24.13	24.40		
10	QPSK	1	49	23.81	24.35	24.16	24.08	24.18		
10	QPSK	25	0	23.17	23.56	23.58	23.37	23.31	24.5	1
10	QPSK	25	12	23.18	23.54	23.49	23.43	23.46		
10	QPSK	25	25	23.33	23.53	23.27	23.51	23.32		
10	QPSK	50	0	23.19	23.50	23.52	23.31	23.29		
10	16QAM	1	0	23.12	23.49	22.90	23.67	23.56	24.5	1
10	16QAM	1	25	23.22	23.20	23.61	23.41	23.29		
10	16QAM	1	49	22.81	23.16	23.61	23.20	23.38		
10	16QAM	25	0	22.05	22.47	22.33	22.49	22.42	23.5	2
10	16QAM	25	12	22.31	22.62	22.42	22.41	22.35		
10	16QAM	25	25	22.20	22.56	22.34	22.30	22.39		
10	16QAM	50	0	22.19	22.58	22.38	22.31	22.41		
10	64QAM	1	0	22.01	22.54	22.51	22.45	22.55	23.5	2
10	64QAM	1	25	22.32	22.43	22.17	22.00	22.13		
10	64QAM	1	49	21.99	22.24	22.31	22.20	21.77		
10	64QAM	25	0	21.07	21.47	21.32	21.42	21.32	22.5	3
10	64QAM	25	12	21.04	21.56	21.28	21.40	21.50		
10	64QAM	25	25	21.38	21.39	21.34	21.31	21.42		
10	64QAM	50	0	21.04	21.43	21.47	21.31	21.28		
10	256QAM	1	0	19.63	19.66	19.86	19.70	19.73	20.5	5
10	256QAM	1	25	19.23	19.41	19.48	19.23	19.27		
10	256QAM	1	49	19.53	19.54	19.66	19.54	19.58		
10	256QAM	25	0	19.55	19.34	19.59	19.49	19.54	20.5	5
10	256QAM	25	12	19.65	19.67	19.72	19.63	19.57		
10	256QAM	25	25	19.52	19.58	19.50	19.44	19.64		
10	256QAM	50	0	19.74	19.69	19.56	19.63	19.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.03	24.46	24.51	24.51	24.29	25.50	0
5	QPSK	1	12	24.22	24.43	24.14	24.21	24.41		
5	QPSK	1	24	23.83	24.34	24.24	24.05	24.15		
5	QPSK	12	0	23.12	23.58	23.50	23.33	23.28	24.5	1
5	QPSK	12	7	23.21	23.59	23.47	23.44	23.42		
5	QPSK	12	13	23.35	23.46	23.34	23.49	23.40		
5	QPSK	25	0	23.12	23.50	23.53	23.31	23.37		
5	16QAM	1	0	23.06	23.47	22.97	23.60	23.57	24.5	1
5	16QAM	1	12	23.12	23.38	23.56	23.49	23.30		
5	16QAM	1	24	22.75	23.21	23.54	23.15	23.39		
5	16QAM	12	0	22.05	22.47	22.27	22.43	22.43	23.5	2
5	16QAM	12	7	22.37	22.61	22.46	22.48	22.40		
5	16QAM	12	13	22.11	22.62	22.32	22.35	22.50		
5	16QAM	25	0	22.25	22.56	22.35	22.38	22.36		
5	64QAM	1	0	22.03	22.51	22.51	22.42	22.52	23.5	2
5	64QAM	1	12	22.33	22.49	22.21	21.91	22.15		
5	64QAM	1	24	22.05	22.30	22.22	22.23	21.80		
5	64QAM	12	0	21.10	21.51	21.39	21.37	21.32	22.5	3
5	64QAM	12	7	21.07	21.60	21.22	21.33	21.49		
5	64QAM	12	13	21.32	21.41	21.41	21.27	21.36		
5	64QAM	25	0	21.13	21.45	21.50	21.38	21.17		
5	256QAM	1	0	19.60	19.68	19.88	19.67	19.64	20.5	5
5	256QAM	1	12	19.23	19.35	19.51	19.18	19.24		
5	256QAM	1	24	19.53	19.52	19.65	19.57	19.53		
5	256QAM	12	0	19.54	19.40	19.64	19.58	19.58	20.5	5
5	256QAM	12	7	19.74	19.60	19.76	19.60	19.60		
5	256QAM	12	13	19.47	19.60	19.60	19.51	19.62		
5	256QAM	25	0	19.79	19.67	19.51	19.61	19.55		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.96	24.12	24.31	24.24	24.02	25.5	0
20	QPSK	1	49	23.92	24.10	24.28	24.19	23.97		
20	QPSK	1	99	23.93	24.01	24.27	24.24	23.95		
20	QPSK	50	0	22.86	23.11	23.24	23.22	22.90	24.5	1
20	QPSK	50	24	22.91	23.04	23.19	23.12	23.00		
20	QPSK	50	50	22.90	23.08	23.22	23.21	22.94		
20	QPSK	100	0	22.89	23.12	23.30	23.16	22.90		
20	16QAM	1	0	22.84	23.00	23.19	23.24	23.01	24.5	1
20	16QAM	1	49	22.94	23.00	23.28	23.24	22.96		
20	16QAM	1	99	22.88	23.09	23.25	23.17	22.99		
20	16QAM	50	0	21.95	22.02	22.29	22.12	21.96	23.5	2
20	16QAM	50	24	21.93	22.01	22.24	22.24	22.02		
20	16QAM	50	50	21.91	22.02	22.27	22.15	21.92		
20	16QAM	100	0	21.88	22.02	22.21	22.15	21.98		
20	64QAM	1	0	21.95	22.10	22.29	22.13	22.00	23.5	2
20	64QAM	1	49	21.84	22.11	22.25	22.20	21.99		
20	64QAM	1	99	21.91	22.07	22.27	22.17	21.95		
20	64QAM	50	0	20.91	21.11	21.29	21.16	20.96	22.5	3
20	64QAM	50	24	20.91	21.02	21.19	21.13	20.95		
20	64QAM	50	50	20.93	21.12	21.27	21.22	20.91		
20	64QAM	100	0	20.85	21.00	21.25	21.21	20.94		
20	256QAM	1	0	18.86	19.07	19.25	19.14	18.97	20.5	5
20	256QAM	1	49	18.94	19.12	19.23	19.15	18.99		
20	256QAM	1	99	18.87	19.06	19.21	19.17	18.95	20.5	5
20	256QAM	50	0	18.92	19.03	19.23	19.14	18.97		
20	256QAM	50	24	18.84	19.01	19.21	19.15	18.99		
20	256QAM	50	50	18.93	19.06	19.31	19.17	18.90		
20	256QAM	100	0	18.91	19.00	19.22	19.15	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.91	24.02	24.30	24.18	23.93	25.50	0
15	QPSK	1	37	23.97	24.13	24.21	24.21	24.04		
15	QPSK	1	74	24.02	24.13	24.28	24.27	23.99		
15	QPSK	36	0	22.97	23.19	23.30	23.30	22.94	24.5	1
15	QPSK	36	20	22.97	23.13	23.22	23.18	23.01		
15	QPSK	36	39	22.90	23.19	23.28	23.28	22.98		
15	QPSK	75	0	22.99	23.14	23.34	23.18	22.98		
15	16QAM	1	0	22.96	23.07	23.26	23.31	23.10	24.5	1
15	16QAM	1	37	23.04	23.06	23.30	23.32	23.02		
15	16QAM	1	74	22.97	23.20	23.32	23.25	23.07		
15	16QAM	36	0	22.07	22.07	22.40	22.16	22.05	23.5	2
15	16QAM	36	20	22.05	22.04	22.28	22.36	22.10		
15	16QAM	36	39	21.99	22.13	22.39	22.26	21.96		
15	16QAM	75	0	21.93	22.10	22.29	22.23	22.08		
15	64QAM	1	0	22.05	22.14	22.41	22.22	22.01	23.5	2
15	64QAM	1	37	21.94	22.13	22.37	22.24	22.11		
15	64QAM	1	74	21.91	22.11	22.34	22.20	22.05		
15	64QAM	36	0	21.03	21.14	21.32	21.27	21.08	22.5	3
15	64QAM	36	20	21.01	21.02	21.21	21.17	21.02		
15	64QAM	36	39	21.05	21.20	21.38	21.25	20.97		
15	64QAM	75	0	20.97	21.04	21.34	21.33	21.03		
15	256QAM	1	0	18.95	19.12	19.32	19.21	19.04	20.5	5
15	256QAM	1	37	19.00	19.13	19.24	19.24	19.02		
15	256QAM	1	74	18.95	19.16	19.23	19.29	19.02		
15	256QAM	36	0	18.97	19.06	19.35	19.26	19.05	20.5	5
15	256QAM	36	20	18.86	19.02	19.28	19.19	19.00		
15	256QAM	36	39	18.94	19.12	19.32	19.17	18.97		
15	256QAM	75	0	18.92	19.06	19.32	19.16	19.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.92	24.06	24.28	24.18	24.01	25.50	0
10	QPSK	1	25	24.00	24.22	24.12	24.23	24.00		
10	QPSK	1	49	23.94	24.02	24.27	24.30	24.03		
10	QPSK	25	0	22.95	23.22	23.33	23.33	22.97	24.5	1
10	QPSK	25	12	23.02	23.04	23.23	23.13	23.06		
10	QPSK	25	25	22.93	23.09	23.22	23.24	22.99		
10	QPSK	50	0	22.94	23.15	23.41	23.19	22.94		
10	16QAM	1	0	22.92	23.00	23.25	23.34	23.11	24.5	1
10	16QAM	1	25	23.02	23.08	23.38	23.36	23.02		
10	16QAM	1	49	22.94	23.16	23.27	23.24	23.10		
10	16QAM	25	0	22.02	22.10	22.37	22.21	21.97	23.5	2
10	16QAM	25	12	21.93	22.08	22.27	22.24	22.12		
10	16QAM	25	25	21.93	22.06	22.30	22.20	22.04		
10	16QAM	50	0	21.92	22.07	22.30	22.21	22.05		
10	64QAM	1	0	22.06	22.19	22.29	22.25	22.08	23.5	2
10	64QAM	1	25	21.87	22.12	22.31	22.32	22.09		
10	64QAM	1	49	21.97	22.09	22.36	22.23	22.00		
10	64QAM	25	0	20.98	21.18	21.39	21.20	21.05	22.5	3
10	64QAM	25	12	20.98	21.04	21.26	21.13	21.06		
10	64QAM	25	25	20.97	21.22	21.36	21.23	21.01		
10	64QAM	50	0	20.96	21.03	21.26	21.29	21.03		
10	256QAM	1	0	18.87	19.16	19.35	19.18	19.00	20.5	5
10	256QAM	1	25	18.95	19.21	19.24	19.21	19.06		
10	256QAM	1	49	18.94	19.18	19.27	19.22	19.04		
10	256QAM	25	0	18.97	19.13	19.28	19.25	18.98	20.5	5
10	256QAM	25	12	18.85	19.07	19.23	19.20	19.11		
10	256QAM	25	25	18.96	19.08	19.42	19.27	18.94		
10	256QAM	50	0	18.95	19.07	19.29	19.18	19.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.91	24.07	24.24	24.19	23.98	25.50	0
5	QPSK	1	12	24.02	24.10	24.30	24.22	24.05		
5	QPSK	1	24	23.94	24.10	24.30	24.24	23.95		
5	QPSK	12	0	22.98	23.18	23.34	23.22	22.98	24.5	1
5	QPSK	12	7	22.98	23.06	23.29	23.22	23.06		
5	QPSK	12	13	22.99	23.08	23.23	23.33	23.02		
5	QPSK	25	0	22.95	23.22	23.39	23.23	23.01		
5	16QAM	1	0	22.91	23.08	23.23	23.26	23.11	24.5	1
5	16QAM	1	12	23.06	23.05	23.33	23.36	22.99		
5	16QAM	1	24	22.90	23.16	23.27	23.22	22.99		
5	16QAM	12	0	22.00	22.07	22.37	22.14	22.04	23.5	2
5	16QAM	12	7	21.93	22.13	22.32	22.26	22.09		
5	16QAM	12	13	21.96	22.11	22.31	22.16	21.94		
5	16QAM	25	0	21.89	22.06	22.21	22.19	22.00		
5	64QAM	1	0	21.98	22.13	22.31	22.25	22.10	23.5	2
5	64QAM	1	12	21.89	22.11	22.30	22.21	22.05		
5	64QAM	1	24	21.96	22.11	22.32	22.19	21.97		
5	64QAM	12	0	20.95	21.12	21.39	21.28	20.96	22.5	3
5	64QAM	12	7	20.96	21.09	21.25	21.23	21.05		
5	64QAM	12	13	21.00	21.24	21.28	21.28	20.99		
5	64QAM	25	0	20.91	21.04	21.32	21.32	21.01		
5	256QAM	1	0	18.93	19.07	19.31	19.24	19.07	20.5	5
5	256QAM	1	12	19.00	19.14	19.34	19.15	18.99		
5	256QAM	1	24	18.90	19.12	19.22	19.27	19.06		
5	256QAM	12	0	19.01	19.10	19.35	19.25	18.97	20.5	5
5	256QAM	12	7	18.87	19.08	19.24	19.22	19.03		
5	256QAM	12	13	18.97	19.06	19.36	19.26	18.96		
5	256QAM	25	0	18.98	19.10	19.24	19.19	18.98		

Reduced DSI5 Power for CA&EN-DC LTE Main PA

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR
		Channel		18700	18900	19100	(dBm)	(dB)
		Frequency (MHz)		1860	1880	1900		
20	QPSK	1	0	21.48	21.49	21.45	22	0
20	QPSK	1	49	21.11	21.17	21.1		
20	QPSK	1	99	20.94	21.09	20.96		
20	QPSK	50	0	21.34	21.35	21.16	22	0
20	QPSK	50	24	21.24	21.3	21.13		
20	QPSK	50	50	21.33	21.34	21.11		
20	QPSK	100	0	21.19	21.23	21.1		
20	16QAM	1	0	21.32	21.33	21.4		
20	16QAM	1	49	21.41	21.13	21.46	22	0
20	16QAM	1	99	21.1	21.48	21.26		
20	16QAM	50	0	21	21.02	21.04		
20	16QAM	50	24	21.07	21.1	21.1	22	0
20	16QAM	50	50	21.1	21.3	21.07		
20	16QAM	100	0	21.03	21.13	21.08		
20	64QAM	1	0	21.26	21.42	21.36		
20	64QAM	1	49	21.48	21.2	21.41	22	0
20	64QAM	1	99	20.97	21.32	21.13		
20	64QAM	50	0	20.99	21.13	21		
20	64QAM	50	24	21.14	20.95	21.05	22	0
20	64QAM	50	50	20.99	21.24	21.05		
20	64QAM	100	0	21.12	21.13	21.07		
20	256QAM	1	0	19.32	19.35	19.39		
20	256QAM	1	49	19.44	19.50	19.57	20.5	1.5
20	256QAM	1	99	19.37	19.39	19.55		
20	256QAM	50	0	19.30	19.30	19.32		
20	256QAM	50	24	19.21	19.08	19.23	20.5	1.5
20	256QAM	50	50	19.35	19.33	19.32		
20	256QAM	100	0	19.20	19.32	19.42		
		Channel		18675	18900	19125	Tune-up limit	MPR
		Frequency (MHz)		1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	21.45	21.41	21.38	22	0
15	QPSK	1	37	20.99	21.1	20.97		
15	QPSK	1	74	20.85	21	20.87		
15	QPSK	36	0	21.26	21.23	21.05		
15	QPSK	36	20	21.22	21.23	21.08	22	0
15	QPSK	36	39	21.25	21.3	21.06		
15	QPSK	75	0	21.12	21.12	20.97		
15	16QAM	1	0	21.26	21.11	21.28		
15	16QAM	1	37	21.33	21.03	21.34	22	0
15	16QAM	1	74	20.97	21.39	21.2		
15	16QAM	36	0	20.9	20.97	20.99		
15	16QAM	36	20	21.04	21.05	20.89	22	0
15	16QAM	36	39	21.08	21.27	21.02		
15	16QAM	75	0	20.93	21.01	21.06		
15	64QAM	1	0	21.13	21.29	21.29		
15	64QAM	1	37	21.39	21.1	21.28	22	0
15	64QAM	1	74	20.84	21.26	21.07		
15	64QAM	36	0	20.97	21.06	20.89		
15	64QAM	36	20	21.1	20.88	20.96	22	0
15	64QAM	36	39	20.97	21.22	20.99		
15	64QAM	75	0	21.09	21.02	21.01		
15	256QAM	1	0	19.30	19.32	19.26		
15	256QAM	1	37	19.34	19.37	19.48	20.5	1.5
15	256QAM	1	74	19.28	19.36	19.45		
15	256QAM	36	0	19.22	19.27	19.25		
15	256QAM	36	20	19.19	19.05	19.10	20.5	1.5
15	256QAM	36	39	19.28	19.31	19.21		
15	256QAM	75	0	19.07	19.25	19.40		
		Channel		18650	18900	19150	Tune-up limit	MPR
		Frequency (MHz)		1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	21.4	21.46	21.39	22	0
10	QPSK	1	25	21.08	21.11	21		
10	QPSK	1	49	20.84	21	20.93		
10	QPSK	25	0	21.27	21.31	21.1		
10	QPSK	25	12	21.19	21.24	21.01	22	0
10	QPSK	25	25	21.22	21.31	21.01		
10	QPSK	50	0	21.07	21.12	21.05		
10	16QAM	1	0	21.21	21.07	21.3		
10	16QAM	1	25	21.32	21.09	21.41	22	0
10	16QAM	1	49	21.04	21.42	21.22		
10	16QAM	25	0	20.9	20.96	21		
10	16QAM	25	12	20.98	21.02	21.01	22	0
10	16QAM	25	25	21	21.06	20.95		
10	16QAM	50	0	20.97	21.06	20.98		
10	64QAM	1	0	21.14	21.37	21.29		
10	64QAM	1	25	21.35	21.09	21.28	22	0
10	64QAM	1	49	20.88	21.2	21.11		
10	64QAM	25	0	20.96	21.02	20.87		
10	64QAM	25	12	21.1	20.86	20.94	22	0
10	64QAM	25	25	20.87	21.16	20.96		
10	64QAM	50	0	21.1	21.05	21.02		
10	256QAM	1	0	19.28	19.23	19.27		
10	256QAM	1	25	19.33	19.42	19.52	20.5	1.5
10	256QAM	1	49	19.35	19.22	19.51		
10	256QAM	25	0	19.22	19.21	19.23		
10	256QAM	25	12	19.09	19.00	19.16	20.5	1.5
10	256QAM	25	25	19.33	19.27	19.21		
10	256QAM	50	0	19.14	19.22	19.33		
		Channel		18625	18900	19175	Tune-up limit	MPR
		Frequency (MHz)		1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	21.46	21.42	21.42	22	0
5	QPSK	1	12	21.08	21.04	21.03		
5	QPSK	1	24	20.82	20.99	20.93		
5	QPSK	12	0	21.3	21.32	21.05		
5	QPSK	12	7	21.16	21.17	21.03	22	0
5	QPSK	12	13	21.3	21.26	21.06		
5	QPSK	25	0	21.13	21.14	21.02		
5	16QAM	1	0	21.22	21.13	21.27		
5	16QAM	1	12	21.3	21.05	21.36	22	0
5	16QAM	1	24	20.58	21.35	21.23		
5	16QAM	12	0	20.9	20.94	20.92		
5	16QAM	12	7	21.03	20.99	21.06	22	0
5	16QAM	12	13	21.04	21.18	21.02		
5	16QAM	25	0	20.94	21.09	21.04		
5	64QAM	1	0	21.2	21.37	21.31		
5	64QAM	1	12	21.43	21.16	21.29	22	0
5	64QAM	1	24	20.93	21.24	21.02		
5	64QAM	12	0	20.88	21.07	20.89		
5	64QAM	12	7	21.12	20.87	21.01	22	0
5	64QAM	12	13	20.96	21.21	21.03		
5	64QAM	25	0	21.05	21.03	21.04		
5	256QAM	1	0	19.25	19.32	19.37		
5	256QAM	1	12	19.40	19.40	19.44	20.5	1.5
5	256QAM	1	24	19.29	19.29	19.45		
5	256QAM	12	0	19.24	19.20	19.23		
5	256QAM	12	7	19.18	19.00	19.14	20.5	1.5
5	256QAM	12	13	19.25	19.25	19.26		
5	256QAM	25	0	19.09	19.28	19.40		
		Channel		18615	18900	19185	Tune-up limit	MPR
		Frequency (MHz)		1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	21.41	21.45	21.41	22	0
3	QPSK	1	8	20.99	21.07	21.05		
3	QPSK	1	14	20.9	21	20.9		
3	QPSK	8	0	21.29	21.24	21.08		
3	QPSK	8	4	21.13	21.2	21.08	22	0
3	QPSK	8	7	21.22	21.21	21.08		
3	QPSK	15	0	21.13	21.11	21.08		
3	16QAM	1	0	21.28	21.08	21.36	22	0
3	16QAM	1	8	21.3	21.01	21.4		
3	16QAM	1	14	21.01	21.46	21.19		
3	16QAM	8	0	20.91	20.99	20.92		
3	16QAM	8	4	20.97	21.02	21.04	22	0
3	16QAM	8	7	21.01	21.17	20.96		
3	16QAM	15	0	21	21.03	21.05		
3	64QAM	1	0	21.14	21.4	21.3		
3	64QAM	1	8	21.35	21.16	21.34	22	0
3	64QAM	1	14	20.85	21.26	21.07		
3	64QAM	8	0	20.86	21	20.97		
3	64QAM	8	4	21.07	20.85	21.01	22	0
3	64QAM	8	7	20.97	21.13	20.92		
3	64QAM	15	0	21.1	21.02	21.02		
3	256QAM	1	0	19.20	19.27	19.33		
3	256QAM	1	8	19.31	19.37	19.49	20.5	1.5
3	256QAM	1	14	19.27	19.28	19.48		
3	256QAM	8	0	19.21	19.20	19.26		
3	256QAM	8	4	19.14	18.96	19.19	20.5	1.5
3	256QAM	8	7	19.27	19.24	19.25		
3	256QAM	15	0	19.09	19.28	19.35		
		Channel		18607	18900	19193	Tune-up limit	MPR
		Frequency (MHz)		1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	21.45	21.42	21.37		
1.4	QPSK	1	3	21.04	21.04	21.04		
1.4	QPSK	1	5	20.83	20.97	20.84	22	0
1.4	QPSK	3	0	21.23	21.32	21.07		
1.4	QPSK	3	1	21.2	21.23	21.05		
1.4	QPSK	3	3	21.23	21.24	21.05		
1.4	QPSK	6	0	21.06	21.19	21.07	22	0
1.4	16QAM	1	0	21.26	21.08	21.29		
1.4	16QAM	1	3	21.39	21.04	21.37		
1.4	16QAM	1	5	20.97	21.36	21.15	22	0
1.4	16QAM	3	0	20.95	20.95	20.92		
1.4	16QAM	3	1	21.01	21.04	21.04		
1.4	16QAM	3	3	21.01	21.21	20.98		
1.4	16QAM	6	0	20.94	21.02	20.96	22	0
1.4	64QAM	1	0	21.23	21.37	21.31		
1.4	64QAM	1	3	21.43	21.14	21.38		
1.4	64QAM	1	5	20.85	21.29	21.03	22	0
1.4	64QAM	3	0	20.93	21.02	20.89		
1.4	64QAM	3	1	21.09	20.92	21.02		
1.4	64QAM	3	3	20.96	21.22	20.97		
1.4	64QAM	6	0	21.01	21.04	21.05	22	0
1.4	256QAM	1	0	19.20	19.29	19.36		
1.4	256QAM	1	3	19.37	19.45	19.52		
1.4	256QAM	1	5	19.33	19.30	19.44	20.5	1.5
1.4	256QAM	3	0	19.19	19.26	19.28		
1.4	256QAM	3	1	19.11	19.02	19.14		
1.4	256QAM	3	3	19.22	19.27	19.20		
1.4	256QAM	6	0	19.15	19.19	19.30	20.5	1.5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR
		Channel		18700	18900	19100	(dBm)	(dB)
		Frequency (MHz)		1860	1880	1900		
20	QPSK	1	0	19.75	19.78	19.65	21	0
20	QPSK	1	49	19.66	19.66	19.62		
20	QPSK	1	99	19.69	19.64	19.56		
20	QPSK	50	0	19.58	19.57	19.55	21	0
20	QPSK	50	24	19.44	19.54	19.56		
20	QPSK	50	50	19.45	19.54	19.54		
20	QPSK	100	0	19.53	19.54	19.53		
20	16QAM	1	0	19.68	19.75	19.77		
20	16QAM	1	49	19.77	19.77	19.71	21	0
20	16QAM	1	99	19.61	19.60	19.62		
20	16QAM	50	0	19.58	19.59	19.53		
20	16QAM	50	24	19.69	19.65	19.66	21	0
20	16QAM	50	50	19.60	19.64	19.54		
20	16QAM	100	0	19.61	19.62	19.59		
20	64QAM	1	0	19.58	19.64	19.55		
20	64QAM	1	49	19.76	19.76	19.77	21	0
20	64QAM	1	99	19.53	19.60	19.59		
20	64QAM	50	0	19.62	19.57	19.62		
20	64QAM	50	24	19.58	19.58	19.61	21	0
20	64QAM	50	50	19.56	19.56	19.58		
20	64QAM	100	0	19.54	19.57	19.58		
20	256QAM	1	0	19.28	19.31	19.34		
20	256QAM	1	49	19.52	19.54	19.55	20.5	0.5
20	256QAM	1	99	19.50	19.58	19.51		
20	256QAM	50	0	19.37	19.45	19.21		
20	256QAM	50	24	19.32	19.33	19.23	20.5	0.5
20	256QAM	50	50	19.37	19.39	19.31		
20	256QAM	100	0	19.25	19.38	19.35		
		Channel		18675	18900	19125	Tune-up limit	MPR
		Frequency (MHz)		1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	19.73	19.70	19.61	21	0
15	QPSK	1	37	19.64	19.58	19.57		
15	QPSK	1	74	19.61	19.54	19.54		
15	QPSK	36	0	19.36	19.44	19.46		
15	QPSK	36	20	19.33	19.54	19.43	21	0
15	QPSK	36	39	19.38	19.45	19.52		
15	QPSK	75	0	19.49	19.50	19.51		
15	16QAM	1	0	19.64	19.66	19.70		
15	16QAM	1	37	19.67	19.75	19.68	21	0
15	16QAM	1	74	19.56	19.53	19.49		
15	16QAM	36	0	19.46	19.57	19.41		
15	16QAM	36	20	19.68	19.58	19.54	21	0
15	16QAM	36	39	19.54	19.52	19.47		
15	16QAM	75	0	19.53	19.54	19.47		
15	64QAM	1	0	19.47	19.83	19.58		
15	64QAM	1	37	19.58	19.73	19.68	21	0
15	64QAM	1	74	19.49	19.53	19.55		
15	64QAM	36	0	19.51	19.49	19.53		
15	64QAM	36	20	19.50	19.47	19.56	21	0
15	64QAM	36	39	19.54	19.47	19.48		
15	64QAM	75	0	19.52	19.51	19.55		
15	256QAM	1	0	19.16	19.24	19.31		
15	256QAM	1	37	19.45	19.61	19.53	20.5	0.5
15	256QAM	1	74	19.48	19.47	19.49		
15	256QAM	36	0	19.24	19.41	19.17		
15	256QAM	36	20	19.13	19.33	19.26	20.5	0.5
15	256QAM	36	39	19.28	19.27	19.19		
15	256QAM	75	0	19.21	19.34	19.31		
		Channel		18650	18900	19150	Tune-up limit	MPR
		Frequency (MHz)		1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	19.56	19.55	19.61	21	0
10	QPSK	1	25	19.58	19.53	19.49		
10	QPSK	1	49	19.60	19.51	19.53		
10	QPSK	25	0	19.36	19.48	19.52		
10	QPSK	25	12	19.33	19.46	19.51	21	0
10	QPSK	25	25	19.36	19.44	19.42		
10	QPSK	50	0	19.46	19.43	19.44		
10	16QAM	1	0	19.57	19.72	19.74		
10	16QAM	1	25	19.69	19.59	19.62	21	0
10	16QAM	1	49	19.54	19.58	19.60		
10	16QAM	25	0	19.55	19.50	19.44		
10	16QAM	25	12	19.59	19.63	19.54	21	0
10	16QAM	25	25	19.47	19.57	19.48		
10	16QAM	50	0	19.52	19.50	19.54		
10	64QAM	1	0	19.55	19.60	19.58		
10	64QAM	1	25	19.68	19.73	19.71	21	0
10	64QAM	1	49	19.41	19.55	19.50		
10	64QAM	25	0	19.50	19.52	19.59		
10	64QAM	25	12	19.57	19.56	19.53	21	0
10	64QAM	25	25	19.46	19.49	19.46		
10	64QAM	50	0	19.44	19.47	19.45		
10	256QAM	1	0	19.18	19.27	19.32		
10	256QAM	1	25	19.43	19.61	19.47	20.5	0.5
10	256QAM	1	49	19.48	19.46	19.49		
10	256QAM	25	0	19.27	19.39	19.16		
10	256QAM	25	12	19.06	19.30	19.23	20.5	0.5
10	256QAM	25	25	19.26	19.36	19.26		
10	256QAM	50	0	19.14	19.34	19.27		
		Channel		18625	18900	19175	Tune-up limit	MPR
		Frequency (MHz)		1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	19.68	19.70	19.60	21	0
5	QPSK	1	12	19.60	19.61	19.53		
5	QPSK	1	24	19.58	19.61	19.53		
5	QPSK	12	0	19.36	19.48	19.50		
5	QPSK	12	7	19.37	19.48	19.43	21	0
5	QPSK	12	13	19.36	19.46	19.45		
5	QPSK	25	0	19.50	19.42	19.43		
5	16QAM	1	0	19.58	19.64	19.72		
5	16QAM	1	12	19.77	19.63	19.63	21	0
5	16QAM	1	24	19.54	19.47	19.49		
5	16QAM	12	0	19.56	19.53	19.49		
5	16QAM	12	7	19.58	19.52	19.60	21	0
5	16QAM	12	13	19.50	19.59	19.47		
5	16QAM	25	0	19.58	19.58	19.47		
5	64QAM	1	0	19.56	19.52	19.56		
5	64QAM	1	12	19.61	19.68	19.70	21	0
5	64QAM	1	24	19.48	19.55	19.55		
5	64QAM	12	0	19.57	19.49	19.49		
5	64QAM	12	7	19.59	19.46	19.52	21	0
5	64QAM	12	13	19.51	19.49	19.49		
5	64QAM	25	0	19.47	19.51	19.49		
5	256QAM	1	0	19.28	19.26	19.32		
5	256QAM	1	12	19.41	19.51	19.52	20.5	0.5
5	256QAM	1	24	19.45	19.48	19.44		
5	256QAM	12	0	19.33	19.34	19.19		
5	256QAM	12	7	19.16	19.35	19.25	20.5	0.5
5	256QAM	12	13	19.26	19.31	19.21		
5	256QAM	25	0	19.31	19.36	19.32		
		Channel		18615	18900	19185	Tune-up limit	MPR
		Frequency (MHz)		1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	19.71	19.76	19.60	21	0
3	QPSK	1	8	19.54	19.57	19.53		
3	QPSK	1	14	19.68	19.55	19.49		
3	QPSK	8	0	19.35	19.44	19.44		
3	QPSK	8	4	19.31	19.47	19.50	21	0
3	QPSK	8	7	19.40	19.52	19.47		
3	QPSK	15	0	19.49	19.52	19.41		
3	16QAM	1	0	19.58	19.69	19.68		
3	16QAM	1	8	19.69	19.72	19.63	21	0
3	16QAM	1	14	19.58	19.58	19.53		
3	16QAM	8	0	19.48	19.50	19.46		
3	16QAM	8	4	19.61	19.58	19.57	21	0
3	16QAM	8	7	19.53	19.58	19.44		
3	16QAM	15	0	19.46	19.52	19.46		
3	64QAM	1	0	19.51	19.62	19.50		
3	64QAM	1	8	19.61	19.73	19.75	21	0
3	64QAM	1	14	19.48	19.54	19.56		
3	64QAM	8	0	19.56	19.49	19.57		
3	64QAM	8	4	19.49	19.53	19.48	21	0
3	64QAM	8	7	19.51	19.53	19.54		
3	64QAM	15	0	19.46	19.48	19.46		
3	256QAM	1	0	19.18	19.24	19.24		
3	256QAM	1	8	19.47	19.60	19.50	20.5	0.5
3	256QAM	1	14	19.47	19.45	19.39		
3	256QAM	8	0	19.36	19.42	19.19		
3	256QAM	8	4	19.06	19.36	19.29	20.5	0.5
3	256QAM	8	7	19.35	19.35	19.27		
3	256QAM	15	0	19.12	19.32	19.22		
		Channel		18607	18900	19193	Tune-up limit	MPR
		Frequency (MHz)		1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	19.73	19.71	19.62		
1.4	QPSK	1	3	19.62	19.59	19.56		
1.4	QPSK	1	5	19.63	19.62	19.47	21	0
1.4	QPSK	3	0	19.35	19.51	19.49		
1.4	QPSK	3	1	19.38	19.41	19.51		
1.4	QPSK	3	3	19.37	19.41	19.45		
1.4	QPSK	6	0	19.38	19.42	19.51	21	0
1.4	16QAM	1	0	19.54	19.62	19.71		
1.4	16QAM	1	3	19.69	19.66	19.63		
1.4	16QAM	1	5	19.59	19.56	19.52		
1.4	16QAM	3	0	19.50	19.53	19.48	21	0
1.4	16QAM	3	1	19.63	19.55	19.56		
1.4	16QAM	3	3	19.55	19.54	19.44		
1.4	16QAM	6	0	19.58	19.54	19.48	21	0
1.4	64QAM	1	0	19.45	19.56	19.60		
1.4	64QAM	1	3	19.59	19.73	19.75		
1.4	64QAM	1	5	19.46	19.55	19.52	21	0
1.4	64QAM	3	0	19.50	19.44	19.56		
1.4	64QAM	3	1	19.57	19.50	19.52		
1.4	64QAM	3	3	19.52	19.44	19.53		
1.4	64QAM	6	0	19.52	19.48	19.46	21	0
1.4	256QAM	1	0	19.23	19.20	19.30		
1.4	256QAM	1	3	19.41	19.59	19.49		
1.4	256QAM	1	5	19.40	19.45	19.46	20.5	0.5
1.4	256QAM	3	0	19.05	19.21	19.10		
1.4	256QAM	3	1	19.15	19.28	19.25		
1.4	256QAM	3	3	19.25	19.27	19.21		
1.4	256QAM	6	0	19.23	19.25	19.31	20.5	0.5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR
		Channel		20050	20175	20300	(dBm)	(dB)
		Frequency (MHz)		1720	1732.5	1745		
20	QPSK	1	0	19.56	19.61	19.54	20.5	0
20	QPSK	1	49	19.51	19.51	19.5		
20	QPSK	1	99	19.54	19.58	19.54		
20	QPSK	50	0	19.41	19.45	19.49		
20	QPSK	50	24	19.4	19.57	19.5		
20	QPSK	50	50	19.41	19.45	19.49		
20	QPSK	100	0	19.43	19.52	19.47		
20	16QAM	1	0	19.38	19.47	19.48		
20	16QAM	1	49	19.33	19.33	19.32	20.5	0
20	16QAM	1	99	19.46	19.52	19.53		
20	16QAM	50	0	19.14	19.23	19.15		
20	16QAM	50	24	19.25	19.19	19.15	20.5	0

Band 5_Ant 0

BW [MHz]	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	24.36	24.47	24.34		
10	QPSK	1	25	24.18	24.28	24.23	25.5	0
10	QPSK	1	49	24.20	24.23	24.21		
10	QPSK	25	0	23.23	23.43	23.25		
10	QPSK	25	12	23.27	23.20	23.31	24.5	1
10	QPSK	25	25	23.29	23.24	23.23		
10	QPSK	50	0	23.26	23.39	23.35		
10	16QAM	1	0	23.68	23.58	23.52		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.55	23.65	23.43		
10	16QAM	25	0	22.28	22.25	22.24		
10	16QAM	25	12	22.21	22.32	22.31	23.5	2
10	16QAM	25	25	22.12	22.32	22.21		
10	16QAM	50	0	22.26	22.21	22.30		
10	64QAM	1	0	22.98	22.36	22.65		
10	64QAM	1	25	22.29	22.31	22.23	23.5	2
10	64QAM	1	49	22.17	22.38	22.21		
10	64QAM	25	0	21.24	21.20	21.21		
10	64QAM	25	12	21.14	21.27	21.39	22.5	3
10	64QAM	25	25	21.18	21.26	21.44		
10	64QAM	50	0	21.17	21.18	21.26		
10	256QAM	1	0	19.51	19.57	19.51		
10	256QAM	1	25	19.47	19.56	19.52	20.5	5
10	256QAM	1	49	19.37	19.53	19.41		
10	256QAM	25	0	19.42	19.50	19.39		
10	256QAM	25	12	19.40	19.46	19.37	20.5	5
10	256QAM	25	25	19.37	19.55	19.42		
10	256QAM	50	0	19.38	19.40	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.31	24.23	24.29		
5	QPSK	1	12	24.13	24.22	24.14	25.5	0
5	QPSK	1	24	24.13	24.18	24.18		
5	QPSK	12	0	23.18	23.31	23.14		
5	QPSK	12	7	23.10	23.11	23.22		
5	QPSK	12	13	23.21	23.07	23.11	24.5	1
5	QPSK	25	0	23.13	23.24	23.24		
5	16QAM	1	0	23.52	23.50	23.40		
5	16QAM	1	12	23.61	23.56	23.39	24.5	1
5	16QAM	1	24	23.42	23.51	23.38		
5	16QAM	12	0	22.25	22.14	22.11		
5	16QAM	12	7	22.09	22.19	22.26	23.5	2
5	16QAM	12	13	22.09	22.25	22.13		
5	16QAM	25	0	22.22	22.14	22.22		
5	64QAM	1	0	22.83	22.27	22.53		
5	64QAM	1	12	22.16	22.16	22.22	23.5	2
5	64QAM	1	24	22.03	22.26	22.08		
5	64QAM	12	0	21.15	21.16	21.12		
5	64QAM	12	7	21.03	21.19	21.33	22.5	3
5	64QAM	12	13	21.08	21.11	21.36		
5	64QAM	25	0	21.09	21.10	21.22		
5	256QAM	1	0	19.42	19.41	19.40		
5	256QAM	1	12	19.34	19.49	19.44	20.5	5
5	256QAM	1	24	19.25	19.38	19.32		
5	256QAM	12	0	19.33	19.32	19.23		
5	256QAM	12	7	19.31	19.36	19.26	20.5	5
5	256QAM	12	13	19.27	19.34	19.30		
5	256QAM	25	0	19.28	19.33	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.31	24.21		
3	QPSK	1	8	24.13	24.15	24.16	25.5	0
3	QPSK	1	14	24.10	24.09	24.15		
3	QPSK	8	0	23.07	23.23	23.09		
3	QPSK	8	4	23.17	23.09	23.16	24.5	1
3	QPSK	8	7	23.17	23.11	23.08		
3	QPSK	15	0	23.22	23.24	23.27		
3	16QAM	1	0	23.59	23.50	23.42		
3	16QAM	1	8	23.64	23.58	23.40	24.5	1
3	16QAM	1	14	23.41	23.62	23.31		
3	16QAM	8	0	22.15	22.14	22.16		
3	16QAM	8	4	22.05	22.24	22.16	23.5	2
3	16QAM	8	7	22.06	22.26	22.14		
3	16QAM	15	0	22.15	22.15	22.25		
3	64QAM	1	0	22.94	22.20	22.56		
3	64QAM	1	8	22.26	22.20	22.15	23.5	2
3	64QAM	1	14	22.04	22.34	22.10		
3	64QAM	8	0	21.18	21.17	21.16		
3	64QAM	8	4	20.99	21.22	21.27	22.5	3
3	64QAM	8	7	21.07	21.23	21.35		
3	64QAM	15	0	21.04	21.11	21.12		
3	256QAM	1	0	19.33	19.42	19.45		
3	256QAM	1	8	19.42	19.44	19.36	20.5	5
3	256QAM	1	14	19.23	19.42	19.33		
3	256QAM	8	0	19.34	19.44	19.25		
3	256QAM	8	4	19.25	19.32	19.27	20.5	5
3	256QAM	8	7	19.22	19.38	19.34		
3	256QAM	15	0	19.23	19.27	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.28	24.24		
1.4	QPSK	1	3	24.05	24.14	24.05		
1.4	QPSK	1	5	24.12	24.20	24.15	25.5	0
1.4	QPSK	3	0	24.11	24.19	24.08		
1.4	QPSK	3	1	23.85	24.06	23.93		
1.4	QPSK	3	3	23.96	24.06	24.12		
1.4	QPSK	6	0	23.14	23.27	23.22	24.5	1
1.4	16QAM	1	0	23.58	23.47	23.46		
1.4	16QAM	1	3	23.56	23.66	23.43		
1.4	16QAM	1	5	23.44	23.51	23.33	24.5	1
1.4	16QAM	3	0	23.47	23.32	23.35		
1.4	16QAM	3	1	23.47	23.54	23.33		
1.4	16QAM	3	3	23.30	23.42	23.24		
1.4	16QAM	6	0	22.19	22.03	22.18	23.5	2
1.4	64QAM	1	0	22.88	22.24	22.53		
1.4	64QAM	1	3	22.18	22.16	22.20		
1.4	64QAM	1	5	22.03	22.29	22.11	23.5	2
1.4	64QAM	3	0	22.72	22.19	22.45		
1.4	64QAM	3	1	22.08	22.05	22.13		
1.4	64QAM	3	3	21.86	22.00	22.06		
1.4	64QAM	6	0	21.06	21.05	21.17	22.5	3
1.4	256QAM	1	0	19.36	19.45	19.35		
1.4	256QAM	1	3	19.40	19.48	19.39		
1.4	256QAM	1	5	19.26	19.39	19.24		
1.4	256QAM	3	0	19.29	19.43	19.27	20.5	5
1.4	256QAM	3	1	19.26	19.32	19.23		
1.4	256QAM	3	3	19.30	19.39	19.25		
1.4	256QAM	6	0	19.31	19.29	19.28	20.5	5

Band 5_Ant 1

BW [MHz]	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	21.62	21.76	21.64		
10	QPSK	1	25	21.51	21.70	21.51	23.5	0
10	QPSK	1	49	21.58	21.61	21.55		
10	QPSK	25	0	21.58	21.71	21.51		
10	QPSK	25	12	21.55	21.67	21.51	23.5	0
10	QPSK	25	25	21.55	21.65	21.59		
10	QPSK	50	0	21.52	21.62	21.57		
10	16QAM	1	0	21.51	21.62	21.52		
10	16QAM	1	25	21.55	21.63	21.54	23.5	0
10	16QAM	1	49	21.51	21.66	21.56		
10	16QAM	25	0	21.55	21.64	21.57		
10	16QAM	25	12	21.54	21.69	21.53	23.5	0
10	16QAM	25	25	21.53	21.67	21.58		
10	16QAM	50	0	21.56	21.67	21.54		
10	64QAM	1	0	21.54	21.69	21.58		
10	64QAM	1	25	21.57	21.70	21.51	23.5	0
10	64QAM	1	49	21.50	21.71	21.55		
10	64QAM	25	0	21.12	21.06	21.30		
10	64QAM	25	12	21.12	21.19	21.36	23	0.5
10	64QAM	25	25	21.12	21.11	21.29		
10	64QAM	50	0	21.16	21.12	21.22		
10	256QAM	1	0	19.43	19.54	19.45		
10	256QAM	1	25	19.26	19.43	19.22	21	2.5
10	256QAM	1	49	19.38	19.48	19.42		
10	256QAM	25	0	19.20	19.31	19.26		
10	256QAM	25	12	19.33	19.46	19.41	21	2.5
10	256QAM	25	25	19.30	19.50	19.39		
10	256QAM	50	0	19.40	19.44	19.38		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.59	21.72	21.58		
5	QPSK	1	12	21.61	21.58	21.64	23.5	0
5	QPSK	1	24	21.63	21.53	21.52		
5	QPSK	12	0	21.54	21.63	21.58		
5	QPSK	12	7	21.62	21.54	21.61	23.5	0
5	QPSK	12	13	21.58	21.60	21.51		
5	QPSK	25	0	21.57	21.54	21.53		
5	16QAM	1	0	21.59	21.54	21.63		
5	16QAM	1	12	21.63	21.55	21.57	23.5	0
5	16QAM	1	24	21.54	21.54	21.58		
5	16QAM	12	0	21.53	21.56	21.64		
5	16QAM	12	7	21.52	21.62	21.64	23.5	0
5	16QAM	12	13	21.61	21.63	21.56		
5	16QAM	25	0	21.52	21.55	21.57		
5	64QAM	1	0	21.60	21.67	21.61		
5	64QAM	1	12	21.55	21.62	21.60	23.5	0
5	64QAM	1	24	21.57	21.67	21.50		
5	64QAM	12	0	21.09	21.14	21.24		
5	64QAM	12	7	21.04	21.10	21.23	23	0.5
5	64QAM	12	13	21.03	21.13	21.25		
5	64QAM	25	0	21.07	21.06	21.10		
5	256QAM	1	0	19.40	19.50	19.36		
5	256QAM	1	12	19.13	19.33	19.10	21	2.5
5	256QAM	1	24	19.30	19.36	19.39		
5	256QAM	12	0	19.16	19.20	19.19		
5	256QAM	12	7	19.25	19.33	19.35	21	2.5
5	256QAM	12	13	19.21	19.38	19.33		
5	256QAM	25	0	19.30	19.40	19.30		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.58	21.68	21.58		
3	QPSK	1	8	21.54	21.67	21.53	23.5	0
3	QPSK	1	14	21.64	21.54	21.53		
3	QPSK	8	0	21.61	21.60	21.53		
3	QPSK	8	4	21.63	21.61	21.53	23.5	0
3	QPSK	8	7	21.59	21.54	21.63		
3	QPSK	15	0	21.62	21.52	21.64		
3	16QAM	1	0	21.53	21.55	21.55		
3	16QAM	1	8	21.57	21.58	21.59	23.5	0
3	16QAM	1	14	21.63	21.55	21.54		
3	16QAM	8	0	21.59	21.58	21.52		
3	16QAM	8	4	21.58	21.63	21.61	23.5	0
3	16QAM	8	7	21.62	21.58	21.50		
3	16QAM	15	0	21.61	21.65	21.57		
3	64QAM	1	0	21.50	21.67	21.53		
3	64QAM	1	8	21.52	21.61	21.60	23.5	0
3	64QAM	1	14	21.59	21.58	21.58		
3	64QAM	8	0	21.07	21.10	21.21		
3	64QAM	8	4	21.02	21.17	21.24	23	0.5
3	64QAM	8	7	21.05	21.01	21.27		
3	64QAM	15	0	21.03	21.01	21.17		
3	256QAM	1	0	19.36	19.41	19.34		
3	256QAM	1	8	19.16	19.30	19.16	21	2.5
3	256QAM	1	14	19.29	19.38	19.38		
3	256QAM	8	0	19.12	19.19	19.17		
3	256QAM	8	4	19.25	19.38	19.39	21	2.5
3	256QAM	8	7	19.24	19.45	19.28		
3	256QAM	15	0	19.28	19.31	19.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.57	21.70	21.56		
1.4	QPSK	1	3	21.53	21.60	21.62		
1.4	QPSK	1	5	21.55	21.55	21.62	23.5	0
1.4	QPSK	3	0	21.56	21.62	21.55		
1.4	QPSK	3	1	21.52	21.54	21.61		
1.4	QPSK	3	3	21.51	21.55	21.50		
1.4	QPSK	6	0	21.55	21.56	21.60	23.5	0
1.4	16QAM	1	0	21.51	21.54	21.50		
1.4	16QAM	1	3	21.51	21.59	21.57		
1.4	16QAM	1	5	21.62	21.59	21.63	23.5	0
1.4	16QAM	3	0	21.59	21.59	21.63		
1.4	16QAM	3	1	21.64	21.60	21.57		
1.4	16QAM	3	3	21.60	21.57	21.52		
1.4	16QAM	6	0	21.53	21.65	21.61	23.5	0
1.4	64QAM	1	0	21.60	21.56	21.55		
1.4	64QAM	1	3	21.64	21.62	21.56		
1.4	64QAM	1	5	21.59	21.62	21.52	23.5	0
1.4	64QAM	3	0	21.62	21.59	21.57		
1.4	64QAM	3	1	21.52	21.63	21.57		
1.4	64QAM	3	3	21.61	21.53	21.53		
1.4	64QAM	6	0	21.03	21.02	21.19	23	0.5
1.4	256QAM	1	0	19.33	19.41	19.43		
1.4	256QAM	1	3	19.20	19.31	19.15		
1.4	256QAM	1	5	19.35	19.40	19.34	21	2.5
1.4	256QAM	3	0	19.16	19.19	19.15		
1.4	256QAM	3	1	19.26	19.44	19.28		
1.4	256QAM	3	3	19.19	19.46	19.26		
1.4	256QAM	6	0	19.28	19.35	19.36	21	2.5

Band 7_Ant 0

BW [MHz]	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	21.1	21.37	21.28		
20	QPSK	1	49	21	21.24	21.33	22.5	0
20	QPSK	1	99	21.01	21.18	21.14		
20	QPSK	50	0	20.62	20.84	20.8		
20	QPSK	50	24	20.58	20.76	20.83	22	0.5
20	QPSK	50	50	20.7	20.81	20.72		
20	QPSK	100	0	20.51	20.81	20.7		
20	16QAM	1	0	20.8	20.87	20.71		
20	16QAM	1	49	21.01	20.7	20.83	22	0.5
20	16QAM	1	99	20.89	21.16	20.93		
20	16QAM	50	0	19.58	19.7	19.68		
20	16QAM	50	24	19.53	19.83	19.83	21	1.5
20	16QAM	50	50	19.73	19.79	19.85		
20	16QAM	100	0	19.61	19.8	19.74		
20	64QAM	1	0	19.23	19.9	20.27		
20	64QAM	1	49	19.9	19.74	20.03	21	1.5
20	64QAM	1	99	20.02	19.87	20.03		
20	64QAM	50	0	18.59	18.7	18.69		
20	64QAM	50	24	18.58	18.79	18.78	20	2.5
20	64QAM	50	50	18.54	18.83	18.7		
20	64QAM	100	0	18.59	18.7	18.81		
20	256QAM	1	0	16.83	16.94	16.77		
20	256QAM	1	49	16.76	16.86	16.65	18	4.5
20	256QAM	1	99	16.84	16.86	16.84		
20	256QAM	50	0	16.55	16.71	16.57		
20	256QAM	50	24	16.66	16.71	16.67	18	4.5
20	256QAM	50	50	16.71	16.83	16.72		
20	256QAM	100	0	16.72	16.74	16.68		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.08	21.33	21.23		
15	QPSK	1	37	20.95	21.16	21.31	22.5	0
15	QPSK	1	74	20.96	21.14	21.01		
15	QPSK	36	0	20.5	20.81	20.73		
15	QPSK	36	20	20.49	20.66	20.78	22	0.5
15	QPSK	36	39	20.66	20.68	20.59		
15	QPSK	75	0	20.43	20.73	20.67		
15	16QAM	1	0	20.77	20.2	20.63		
15	16QAM	1	37	20.08	20.65	20.77	22	0.5
15	16QAM	1	74	20.79	21.09	20.84		
15	16QAM	36	0	19.5	19.65	19.57		
15	16QAM	36	20	19.49	19.7	19.74	21	1.5
15	16QAM	36	39	19.67	19.75	19.77		
15	16QAM	75	0	19.58	19.77	19.71		
15	64QAM	1	0	19.21	19.86	20.24		
15	64QAM	1	37	19.84	19.66	19.95	21	1.5
15	64QAM	1	74	19.99	19.81	19.92		
15	64QAM	36	0	18.46	18.65	18.59		
15	64QAM	36	20	18.52	18.76	18.76	20	2.5
15	64QAM	36	39	18.42	18.81	18.61		
15	64QAM	75	0	18.5	18.66	18.73		
15	256QAM	1	0	16.80	16.89	16.72		
15	256QAM	1	37	16.66	16.82	16.54	18	4.5
15	256QAM	1	74	16.81	16.84	16.73		
15	256QAM	36	0	16.45	16.61	16.47		
15	256QAM	36	20	16.48	16.59	16.56	18	4.5
15	256QAM	36	39	16.60	16.77	16.59		
15	256QAM	75	0	16.63	16.62	16.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.03	21.29	21.23		
10	QPSK	1	25	20.98	21.21	21.27	22.5	0
10	QPSK	1	49	20.97	21.09	21.1		
10	QPSK	25	0	20.52	20.74	20.71		
10	QPSK	25	12	20.48	20.67	20.72	22	0.5
10	QPSK	25	25	20.66	20.74	20.61		
10	QPSK	50	0	20.49	20.68	20.57		
10	16QAM	1	0	20.68	20.22	20.6		
10	16QAM	1	25	20.67	20.81	20.7	22	0.5
10	16QAM	1	49	20.84	21.08	20.83		
10	16QAM	25	0	19.51	19.67	19.58		
10	16QAM	25	12	19.5	19.78	19.74	21	1.5
10	16QAM	25	25	19.62	19.67	19.74		
10	16QAM	50	0	19.52	19.67	19.64		
10	64QAM	1	0	19.1	19.84	20.15		
10	64QAM	1	25	19.86	19.67	19.97	21	1.5
10	64QAM	1	49	19.89	19.83	19.98		
10	64QAM	25	0	18.5	18.64	18.58		
10	64QAM	25	12	18.47	18.74	18.74	20	2.5
10	64QAM	25	25	18.44	18.77	18.64		
10	64QAM	50	0	18.53	18.59	18.69		
10	256QAM	1	0	16.77	16.87	16.65		
10	256QAM	1	25	16.65	16.78	16.59	18	4.5
10	256QAM	1	49	16.72	16.85	16.74		
10	256QAM	25	0	16.43	16.65	16.44		
10	256QAM	25	12	16.58	16.69	16.62	18	4.5
10	256QAM	25	25	16.62	16.80	16.69		
10	256QAM	50	0	16.61	16.67	16.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.02	21.29	21.21		
5	QPSK	1	12	20.97	21.22	21.28	22.5	0
5	QPSK	1	24	20.93	21.06	21.06		
5	QPSK	12	0	20.58	20.8	20.72		
5	QPSK	12	7	20.51	20.68	20.8	22	0.5
5	QPSK	12	13	20.58	20.69	20.62		
5	QPSK	25	0	20.46	20.72	20.6		
5	16QAM	1	0	20.67	20.14	20.64		
5	16QAM	1	12	20.67	20.6	20.8	22	0.5
5	16QAM	1	24	20.87	21.07	20.88		
5	16QAM	12	0	19.46	19.59	19.56		
5	16QAM	12	7	19.4	19.76	19.73	21	1.5
5	16QAM	12	13	19.62	19.61	19.73		
5	16QAM	25	0	19.57	19.73	19.71		
5	64QAM	1	0	19.19	19.87	20.22		
5	64QAM	1	12	19.84	19.72	19.98	21	1.5
5	64QAM	1	24	19.98	19.82	19.96		
5	64QAM	12	0	18.47	18.67	18.59		
5	64QAM	12	7	18.53	18.7	18.7	20	2.5
5	64QAM	12	13	18.44	18.63	18.59		
5	64QAM	25	0	18.53	18.6	18.69		
5	256QAM	1	0	16.74	16.81	16.70		
5	256QAM	1	12	16.65	16.73	16.52	18	4.5
5	256QAM	1	24	16.77	16.81	16.76		
5	256QAM	12	0	16.48	16.63	16.52		
5	256QAM	12	7	16.51	16.66	16.62	18	4.5
5	256QAM	12	13	16.69	16.71	16.68		
5	256QAM	25	0	16.64	16.69	16.66		

Band 7_Ant 1

BW [MHz]	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	15.72	15.89	15.66		
20	QPSK	1	49	15.71	15.88	15.86	17	0
20	QPSK	1	99	15.7	15.87	15.72		
20	QPSK	50	0	15.82	15.85	15.74		
20	QPSK	50	24	15.8	15.81	15.81	17	0
20	QPSK	50	50	15.78	15.83	15.75		
20	QPSK	100	0	15.81	15.83	15.8		
20	16QAM	1	0	15.65	15.84	15.52

Band 7_Ant 2

BW [MHz]	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	20.11	20.27	20.07		
20	QPSK	1	49	20.13	20.14	20.04	21	0
20	QPSK	1	99	20.09	20.11	19.99		
20	QPSK	50	0	20.08	20.19	20.04		
20	QPSK	50	24	20.06	20.13	20	21	0
20	QPSK	50	50	20.04	20.17	20.05		
20	QPSK	100	0	20.08	20.16	20.01		
20	16QAM	1	0	20.12	20.21	20.08		
20	16QAM	1	49	20.08	20.18	20.08	21	0
20	16QAM	1	99	20.08	20.17	20.05		
20	16QAM	50	0	20.11	20.16	19.99		
20	16QAM	50	24	20.11	20.14	20.01	21	0
20	16QAM	50	50	20.07	20.12	20.12		
20	16QAM	100	0	20.07	20.21	20.06		
20	64QAM	1	0	20.06	20.17	20.08		
20	64QAM	1	49	20.05	20.17	20.03	21	0
20	64QAM	1	99	20.14	20.07	20.02		
20	64QAM	50	0	20.1	20.16	20.04		
20	64QAM	50	24	20.1	20.14	20.07	21	0
20	64QAM	50	50	20.06	20.15	20.03		
20	64QAM	100	0	20.06	20.16	19.98		
20	256QAM	1	0	19.58	19.64	19.51		
20	256QAM	1	49	19.73	19.91	19.77	19	2
20	256QAM	1	99	19.50	19.59	19.60		
20	256QAM	50	0	19.37	19.54	19.45		
20	256QAM	50	24	19.49	19.62	19.48	19	2
20	256QAM	50	50	19.68	19.68	19.47		
20	256QAM	100	0	19.47	19.51	19.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.03	20.19	20.05		
15	QPSK	1	37	20	20.12	20	21	0
15	QPSK	1	74	20.02	20.06	19.96		
15	QPSK	36	0	20.04	20.17	19.91		
15	QPSK	36	20	20.03	20.09	19.9	21	0
15	QPSK	36	39	19.94	20.15	19.93		
15	QPSK	75	0	19.96	20.08	19.98		
15	16QAM	1	0	20.06	20.11	19.98		
15	16QAM	1	37	19.99	20.16	20.05	21	0
15	16QAM	1	74	20.05	20.06	19.93		
15	16QAM	36	0	19.98	20.12	19.86		
15	16QAM	36	20	20.07	20.09	19.92	21	0
15	16QAM	36	39	20.04	20.04	20		
15	16QAM	75	0	20.02	20.15	19.96		
15	64QAM	1	0	20.03	20.05	19.95		
15	64QAM	1	37	20.03	20.12	19.98	21	0
15	64QAM	1	74	20.08	19.97	19.98		
15	64QAM	36	0	20.03	20.04	19.99		
15	64QAM	36	20	19.98	20.03	19.97	21	0
15	64QAM	36	39	19.99	20.13	19.98		
15	64QAM	75	0	20.01	20.13	19.89		
15	256QAM	1	0	19.55	19.59	19.48		
15	256QAM	1	37	19.71	19.86	19.70	19	2
15	256QAM	1	74	19.46	19.47	19.50		
15	256QAM	36	0	19.27	19.47	19.43		
15	256QAM	36	20	19.36	19.54	19.38	19	2
15	256QAM	36	39	19.61	19.62	19.40		
15	256QAM	75	0	19.37	19.43	19.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.09	20.23	20.01		
10	QPSK	1	25	20	20.12	19.98	21	0
10	QPSK	1	49	20.07	19.99	19.92		
10	QPSK	25	0	19.98	20.06	20.01		
10	QPSK	25	12	19.97	20.07	19.92	21	0
10	QPSK	25	25	19.94	20.13	19.93		
10	QPSK	50	0	20.03	20.1	19.98		
10	16QAM	1	0	20.1	20.1	19.96		
10	16QAM	1	25	20.05	20.12	20.06	21	0
10	16QAM	1	49	20	20.15	19.98		
10	16QAM	25	0	20.09	20.04	19.91		
10	16QAM	25	12	20.01	20.06	19.95	21	0
10	16QAM	25	25	20.02	20	20.04		
10	16QAM	50	0	20.05	20.08	20		
10	64QAM	1	0	19.96	20.04	19.95		
10	64QAM	1	25	19.99	20.05	19.96	21	0
10	64QAM	1	49	20.1	20.03	19.92		
10	64QAM	25	0	20.03	20.08	19.98		
10	64QAM	25	12	20.04	20.05	19.98	21	0
10	64QAM	25	25	19.94	20.07	19.98		
10	64QAM	50	0	19.98	20.1	19.85		
10	256QAM	1	0	19.50	19.53	19.46		
10	256QAM	1	25	19.67	19.80	19.67	19	2
10	256QAM	1	49	19.38	19.52	19.54		
10	256QAM	25	0	19.35	19.48	19.35		
10	256QAM	25	12	19.44	19.49	19.45	19	2
10	256QAM	25	25	19.62	19.56	19.39		
10	256QAM	50	0	19.41	19.38	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.04	20.21	20.02		
5	QPSK	1	12	20.02	20.09	20.02	21	0
5	QPSK	1	24	20.05	20.02	19.97		
5	QPSK	12	0	20.04	20.17	19.94		
5	QPSK	12	7	19.98	20.07	19.88	21	0
5	QPSK	12	13	20.01	20.06	20		
5	QPSK	25	0	20.01	20.08	19.98		
5	16QAM	1	0	20.05	20.13	19.97		
5	16QAM	1	12	20.06	20.1	20.06	21	0
5	16QAM	1	24	20.03	20.13	19.95		
5	16QAM	12	0	20	20.12	19.9		
5	16QAM	12	7	20.05	20.07	19.97	21	0
5	16QAM	12	13	20.02	20.07	20.09		
5	16QAM	25	0	19.97	20.11	19.97		
5	64QAM	1	0	19.95	20.14	19.98		
5	64QAM	1	12	20.01	20.09	19.95	21	0
5	64QAM	1	24	20.02	19.97	19.97		
5	64QAM	12	0	20.02	20.08	19.96		
5	64QAM	12	7	20.05	20.09	20.01	21	0
5	64QAM	12	13	20	20.06	19.91		
5	64QAM	25	0	19.95	20.04	19.87		
5	256QAM	1	0	19.51	19.60	19.44		
5	256QAM	1	12	19.64	19.84	19.72	19	2
5	256QAM	1	24	19.39	19.57	19.56		
5	256QAM	12	0	19.27	19.46	19.39		
5	256QAM	12	7	19.47	19.59	19.39	19	2
5	256QAM	12	13	19.66	19.63	19.36		
5	256QAM	25	0	19.34	19.38	19.45		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.21	20.27	20.21		
20	QPSK	1	49	20.03	20.17	20.07	21.2	0
20	QPSK	1	99	20.00	20.13	20.04		
20	QPSK	50	0	19.87	20.00	19.90		
20	QPSK	50	24	19.77	19.94	19.88	21.2	0
20	QPSK	50	50	19.77	19.93	19.89		
20	QPSK	100	0	20.00	20.05	19.95		
20	16QAM	1	0	20.22	20.25	20.20		
20	16QAM	1	49	20.06	20.12	19.98	21.2	0
20	16QAM	1	99	19.99	20.15	20.07		
20	16QAM	50	0	19.92	20.04	19.88		
20	16QAM	50	24	19.87	19.97	19.91	21.2	0
20	16QAM	50	50	19.76	19.92	19.79		
20	16QAM	100	0	19.83	19.98	19.83		
20	64QAM	1	0	20.05	20.22	20.06		
20	64QAM	1	49	20.16	20.25	20.21	21.2	0
20	64QAM	1	99	20.06	20.12	20.06		
20	64QAM	50	0	19.88	20.06	19.90		
20	64QAM	50	24	19.95	20.04	19.92	21.2	0
20	64QAM	50	50	19.84	19.95	19.79		
20	64QAM	100	0	19.95	20.01	19.97		
20	256QAM	1	0	19.50	19.59	19.45		
20	256QAM	1	49	19.50	19.57	19.41	20.2	1
20	256QAM	1	99	19.31	19.41	19.25		
20	256QAM	50	0	19.31	19.46	19.29		
20	256QAM	50	24	19.26	19.44	19.29	20.2	1
20	256QAM	50	50	19.29	19.45	19.31		
20	256QAM	100	0	19.35	19.52	19.44		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.19	20.22	20.13		
15	QPSK	1	37	19.94	20.06	20.05	21.2	0
15	QPSK	1	74	19.91	20.03	19.91		
15	QPSK	36	0	19.82	19.96	19.80		
15	QPSK	36	20	19.73	19.89	19.81	21.2	0
15	QPSK	36	39	19.74	19.91	19.77		
15	QPSK	75	0	19.87	19.97	19.83		
15	16QAM	1	0	20.19	20.17	20.17		
15	16QAM	1	37	20.02	20.01	19.87	21.2	0
15	16QAM	1	74	19.96	20.03	19.99		
15	16QAM	36	0	19.87	19.93	19.75		
15	16QAM	36	20	19.81	19.87	19.86	21.2	0
15	16QAM	36	39	19.73	19.86	19.77		
15	16QAM	75	0	19.72	19.88	19.70		
15	64QAM	1	0	20.04	20.12	19.96		
15	64QAM	1	37	20.03	20.19	20.13	21.2	0
15	64QAM	1	74	20.01	20.07	19.97		
15	64QAM	36	0	19.77	19.93	19.86		
15	64QAM	36	20	19.88	20.02	19.87	21.2	0
15	64QAM	36	39	19.78	19.85	19.67		
15	64QAM	75	0	19.89	19.95	19.90		
15	256QAM	1	0	19.39	19.55	19.40		
15	256QAM	1	37	19.37	19.50	19.33	20.2	1
15	256QAM	1	74	19.25	19.37	19.20		
15	256QAM	36	0	19.22	19.33	19.17		
15	256QAM	36	20	19.15	19.42	19.16	20.2	1
15	256QAM	36	39	19.23	19.41	19.21		
15	256QAM	75	0	19.29	19.47	19.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.13	20.22	20.17		
10	QPSK	1	25	19.94	20.09	19.94	21.2	0
10	QPSK	1	49	19.91	20.07	19.93		
10	QPSK	25	0	19.76	19.98	19.82		
10	QPSK	25	12	19.74	19.88	19.76	21.2	0
10	QPSK	25	25	19.70	19.88	19.81		
10	QPSK	50	0	19.97	20.03	19.90		
10	16QAM	1	0	20.15	20.20	20.18		
10	16QAM	1	25	19.96	20.00	19.86	21.2	0
10	16QAM	1	49	19.87	20.02	20.00		
10	16QAM	25	0	19.90	19.97	19.80		
10	16QAM	25	12	19.84	19.86	19.80	21.2	0
10	16QAM	25	25	19.84	19.90	19.74		
10	16QAM	50	0	19.73	19.89	19.80		
10	64QAM	1	0	20.05	20.12	19.97		
10	64QAM	1	25	20.07	20.23	20.17	21.2	0
10	64QAM	1	49	20.00	19.99	20.02		
10	64QAM	25	0	19.79	20.02	19.77		
10	64QAM	25	12	19.92	19.99	19.80	21.2	0
10	64QAM	25	25	19.82	19.86	19.68		
10	64QAM	50	0	19.88	19.93	19.91		
10	256QAM	1	0	19.47	19.52	19.33		
10	256QAM	1	25	19.37	19.48	19.33	20.2	1
10	256QAM	1	49	19.25	19.42	19.28		
10	256QAM	25	0	19.19	19.41	19.17		
10	256QAM	25	12	19.13	19.39	19.23	20.2	1
10	256QAM	25	25	19.26	19.42	19.26		
10	256QAM	50	0	19.29	19.40	19.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.19	20.25	20.16		
5	QPSK	1	12	19.99	20.14	20.02	21.2	0
5	QPSK	1	24	19.91	20.08	19.95		
5	QPSK	12	0	19.77	19.93	19.80		
5	QPSK	12	7	19.65	19.87	19.73	21.2	0
5	QPSK	12	13	19.75	19.87	19.76		
5	QPSK	25	0	19.90	20.01	19.90		
5	16QAM	1	0	20.10	20.17	20.07		
5	16QAM	1	12	20.01	20.08	19.93	21.2	0
5	16QAM	1	24	19.87	20.09	20.04		
5	16QAM	12	0	19.85	20.00	19.85		
5	16QAM	12	7	19.79	19.94	19.86	21.2	0
5	16QAM	12	13	19.73	19.92	19.74		
5	16QAM	25	0	19.77	19.92	19.74		
5	64QAM	1	0	19.95	20.18	20.06		
5	64QAM	1	12	20.05	20.17	20.18	21.2	0
5	64QAM	1	24	20.05	19.97	20.00		
5	64QAM	12	0	19.86	19.93	19.88		
5	64QAM	12	7	19.93	20.01	19.81	21.2	0
5	64QAM	12	13	19.74	19.91	19.75		
5	64QAM	25	0	19.83	19.94	19.85		
5	256QAM	1	0	19.41	19.57	19.43		
5	256QAM	1	12	19.43	19.52	19.30	20.2	1
5	256QAM	1	24	19.18	19.34	19.20		
5	256QAM	12	0	19.28	19.33	19.27		
5	256QAM	12	7	19.23	19.33	19.19	20.2	1
5	256QAM	12	13	19.20	19.33	19.23		
5	256QAM	25	0	19.29	19.44	19.41		

Band 12_Ant 0

BW [MHz]	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	24.68	24.98	24.67		
10	QPSK	1	25	24.92	24.88	24.89	25.5	0
10	QPSK	1	49	24.86	24.75	24.86		
10	QPSK	25	0	23.94	23.97	23.84		
10	QPSK	25	12	23.90	23.91	23.87	24.5	1
10	QPSK	25	25	23.90	23.90	23.93		
10	QPSK	50	0	23.84	23.92	23.91		
10	16QAM	1	0	24.31	23.94	24.20		
10	16QAM	1	25	24.12	24.15	24.16	24.5	1
10	16QAM	1	49	24.33	24.56	24.47		
10	16QAM	25	0	22.90	22.92	23.02		
10	16QAM	25	12	23.04	23.01	23.03	23.5	2
10	16QAM	25	25	22.97	22.97	23.04		
10	16QAM	50	0	23.00	23.08	23.01		
10	64QAM	1	0	22.94	23.08	23.02		
10	64QAM	1	25	23.01	23.12	23.43	23.5	2
10	64QAM	1	49	23.00	23.03	22.90		
10	64QAM	25	0	21.72	21.87	21.98		
10	64QAM	25	12	22.00	21.96	21.86	22.5	3
10	64QAM	25	25	22.09	21.97	22.02		
10	64QAM	50	0	21.92	21.97	22.03		
10	256QAM	1	0	20.04	20.12	19.99		
10	256QAM	1	25	20.37	20.39	20.26	20.5	5
10	256QAM	1	49	20.30	20.36	20.21		
10	256QAM	25	0	20.00	20.28	20.19		
10	256QAM	25	12	20.06	20.20	20.13	20.5	5
10	256QAM	25	25	20.21	20.31	20.22		
10	256QAM	50	0	20.08	20.20	20.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.55	24.75	24.64		
5	QPSK	1	12	24.76	24.79	24.76	25.5	0
5	QPSK	1	24	24.78	24.65	24.75		
5	QPSK	12	0	23.75	23.80	23.71		
5	QPSK	12	7	23.80	23.88	23.80	24.5	1
5	QPSK	12	13	23.84	23.85	23.78		
5	QPSK	25	0	23.67	23.83	23.80		
5	16QAM	1	0	24.22	23.81	24.07		
5	16QAM	1	12	24.03	24.02	24.08	24.5	1
5	16QAM	1	24	24.19	24.39	24.35		
5	16QAM	12	0	22.77	22.90	22.97		
5	16QAM	12	7	22.94	22.93	22.94	23.5	2
5	16QAM	12	13	22.86	22.91	23.00		
5	16QAM	25	0	22.95	23.00	22.87		
5	64QAM	1	0	22.70	23.23	22.89		
5	64QAM	1	12	22.92	23.07	23.36	23.5	2
5	64QAM	1	24	22.87	22.90	22.84		
5	64QAM	12	0	21.63	21.87	21.83		
5	64QAM	12	7	21.94	21.83	21.72	22.5	3
5	64QAM	12	13	21.95	21.85	21.92		
5	64QAM	25	0	21.80	21.89	21.94		
5	256QAM	1	0	19.92	20.01	19.87		
5	256QAM	1	12	20.24	20.36	20.11	20.5	5
5	256QAM	1	24	20.15	20.31	20.10		
5	256QAM	12	0	19.97	20.12	20.12		
5	256QAM	12	7	19.98	20.10	19.98	20.5	5
5	256QAM	12	13	20.14	20.18	20.15		
5	256QAM	25	0	19.93	20.10	20.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.59	24.72	24.55		
3	QPSK	1	8	24.74	24.75	24.78	25.5	0
3	QPSK	1	14	24.74	24.66	24.74		
3	QPSK	8	0	23.68	23.81	23.76		
3	QPSK	8	4	23.82	23.84	23.82	24.5	1
3	QPSK	8	7	23.80	23.84	23.81		
3	QPSK	15	0	23.73	23.86	23.88		
3	16QAM	1	0	24.22	23.84	24.10		
3	16QAM	1	8	24.01	24.04	24.03	24.5	1
3	16QAM	1	14	24.28	24.44	24.37		
3	16QAM	8	0	22.84	22.83	22.91		
3	16QAM	8	4	22.94	22.62	22.88	23.5	2
3	16QAM	8	7	22.97	22.87	22.94		
3	16QAM	15	0	23.00	22.93	22.96		
3	64QAM	1	0	22.71	23.21	22.89		
3	64QAM	1	8	22.89	23.03	23.38	23.5	2
3	64QAM	1	14	22.80	22.92	22.94		
3	64QAM	8	0	21.69	21.83	21.84		
3	64QAM	8	4	21.93	21.91	21.71	22.5	3
3	64QAM	8	7	22.01	21.99	21.88		
3	64QAM	15	0	21.76	21.90	21.86		
3	256QAM	1	0	19.95	20.03	19.88		
3	256QAM	1	8	20.22	20.36	20.10	20.5	5
3	256QAM	1	14	20.11	20.24	20.04		
3	256QAM	8	0	20.09	20.12	20.04		
3	256QAM	8	4	19.91	20.04	20.01	20.5	5
3	256QAM	8	7	20.01	20.18	20.08		
3	256QAM	15	0	19.97	20.07	20.04		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.57	24.70	24.52		
1.4	QPSK	1	3	24.75	24.73	24.76		
1.4	QPSK	1	5	24.73	24.71	24.69	25.5	0
1.4	QPSK	3	0	24.41	24.54	24.41		
1.4	QPSK	3	1	24.66	24.57	24.71		
1.4	QPSK	3	3	24.59	24.60	24.65		
1.4	QPSK	6	0	23.72	23.83	23.82	24.5	1
1.4	16QAM	1	0	24.21	23.82	24.03		
1.4	16QAM	1	3	24.04	24.10	24.02		
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1
1.4	16QAM	3	0	24.15	23.68	23.94		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	24.14	24.32	24.34		
1.4	16QAM	6	0	22.93	22.97	22.83	23.5	2
1.4	64QAM	1	0	22.82	23.20	22.88		
1.4	64QAM	1	3	22.90	23.07	23.36		
1.4	64QAM	1	5	22.91	22.97	22.72	23.5	2
1.4	64QAM	3	0	22.69	23.12	22.83		
1.4	64QAM	3	1	22.76	22.97	23.20		
1.4	64QAM	3	3	22.74	22.93	22.72		
1.4	64QAM	6	0	21.79	21.88	21.93	22.5	3
1.4	256QAM	1	0	19.92	20.05	19.93		
1.4	256QAM	1	3	20.23	20.39	20.11		
1.4	256QAM	1	5	20.11	20.21	20.12	20.5	5
1.4	256QAM	3	0	20.03	20.18	20.11		
1.4	256QAM	3	1	19.99	20.05	19.98		
1.4	256QAM	3	3	20.10	20.16	20.06		
1.4	256QAM	6	0	19.95	20.10	19.99	20.5	5

Band 12_Ant 1

BW [MHz]	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	23.47	23.62	23.37		
10	QPSK	1	25	23.43	23.56	23.36	25	0
10	QPSK	1	49	23.43	23.54	23.37		
10	QPSK	25	0	22.83	23.18	22.74		
10	QPSK	25	12	22.83	22.98	22.67	24.5	0.5
10	QPSK	25	25	22.91	23.02	22.76		
10	QPSK	50	0	22.90	22.95	22.72		
10	16QAM	1	0	22.77	22.80	22.62		
10	16QAM	1	25	22.81	22.87	22.57	24.5	0.5
10	16QAM	1	49	22.78	22.85	22.65		
10	16QAM	25	0	21.92	22.00	21.85		
10

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.45	21.58	21.54		
20	QPSK	1	49	21.17	21.57	21.22	23	0
20	QPSK	1	99	21.19	21.57	21.20		
20	QPSK	50	0	20.34	20.80	20.34		
20	QPSK	50	24	20.32	20.40	20.33	22	1
20	QPSK	50	50	20.33	20.46	20.27		
20	QPSK	100	0	20.39	20.43	20.32		
20	16QAM	1	0	20.77	20.87	20.57		
20	16QAM	1	49	20.45	20.37	20.73	22	1
20	16QAM	1	99	20.60	20.56	20.18		
20	16QAM	50	0	19.32	19.48	19.33		
20	16QAM	50	24	19.45	19.43	19.30	21	2
20	16QAM	50	50	19.40	19.35	19.28		
20	16QAM	100	0	19.48	19.44	19.31		
20	16QAM	1	0	19.91	19.98	19.45		
20	64QAM	1	49	19.41	19.90	19.36	21	2
20	64QAM	1	99	19.89	19.45	19.26		
20	64QAM	50	0	18.40	18.56	18.32		
20	64QAM	50	24	18.34	18.34	18.38	20	3
20	64QAM	50	50	18.37	18.37	18.22		
20	64QAM	100	0	18.40	18.42	18.24		
20	256QAM	1	0	16.73	16.85	16.71		
20	256QAM	1	49	16.65	16.71	16.56	18	5
20	256QAM	1	99	16.40	16.46	16.37		
20	256QAM	50	0	16.62	16.68	16.60		
20	256QAM	50	24	16.72	16.79	16.72	18	5
20	256QAM	50	50	16.48	16.58	16.49		
20	256QAM	100	0	16.59	16.70	16.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.37	21.46	21.08		
15	QPSK	1	37	21.09	21.47	21.19	23	0
15	QPSK	1	74	21.13	21.43	21.09		
15	QPSK	36	0	20.26	20.49	20.18		
15	QPSK	36	20	20.21	20.31	20.21	22	1
15	QPSK	36	39	20.36	20.38	20.11		
15	QPSK	75	0	20.28	20.35	20.27		
15	16QAM	1	0	20.43	20.65	20.22		
15	16QAM	1	37	20.20	20.03	20.46	22	1
15	16QAM	1	74	20.47	20.46	20.03		
15	16QAM	36	0	19.19	19.36	19.28		
15	16QAM	36	20	19.38	19.34	19.15	21	2
15	16QAM	36	39	19.35	19.22	19.13		
15	16QAM	75	0	19.39	19.33	19.23		
15	64QAM	1	0	19.80	19.56	19.35		
15	64QAM	1	37	19.27	19.74	19.30	21	2
15	64QAM	1	74	19.83	19.34	19.10		
15	64QAM	36	0	18.34	18.48	18.18		
15	64QAM	36	20	18.23	18.18	18.23	20	3
15	64QAM	36	39	18.21	18.24	18.09		
15	64QAM	75	0	18.33	18.34	18.11		
15	256QAM	1	0	16.49	16.57	16.47		
15	256QAM	1	37	16.41	16.36	16.27	18	5
15	256QAM	1	74	16.12	16.21	16.09		
15	256QAM	36	0	16.32	16.33	16.30		
15	256QAM	36	20	16.41	16.45	16.44	18	5
15	256QAM	36	39	16.19	16.33	16.24		
15	256QAM	75	0	16.34	16.43	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.53	21.06		
10	QPSK	1	25	21.07	21.42	21.13	23	0
10	QPSK	1	49	21.07	21.44	21.13		
10	QPSK	25	0	20.26	20.51	20.28		
10	QPSK	25	12	20.18	20.34	20.18	22	1
10	QPSK	25	25	20.27	20.34	20.21		
10	QPSK	50	0	20.29	20.32	20.16		
10	16QAM	1	0	20.51	20.58	20.25		
10	16QAM	1	25	20.18	20.13	20.47	22	1
10	16QAM	1	49	20.48	20.40	20.11		
10	16QAM	25	0	19.26	19.41	19.23		
10	16QAM	25	12	19.34	19.28	19.25	21	2
10	16QAM	25	25	19.30	19.22	19.15		
10	16QAM	50	0	19.34	19.30	19.25		
10	64QAM	1	0	19.76	19.57	19.39		
10	64QAM	1	25	19.34	19.82	19.25	21	2
10	64QAM	1	49	19.74	19.34	19.18		
10	64QAM	25	0	18.34	18.41	18.25		
10	64QAM	25	12	18.20	18.23	18.23	20	3
10	64QAM	25	25	18.22	18.21	18.09		
10	64QAM	50	0	18.29	18.37	18.17		
10	256QAM	1	0	16.49	16.56	16.45		
10	256QAM	1	25	16.41	16.37	16.23	18	5
10	256QAM	1	49	16.05	16.19	16.09		
10	256QAM	25	0	16.30	16.40	16.29		
10	256QAM	25	12	16.41	16.46	16.37	18	5
10	256QAM	25	25	16.17	16.27	16.17		
10	256QAM	50	0	16.34	16.44	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.30	21.46	21.13		
5	QPSK	1	12	21.03	21.48	21.11	23	0
5	QPSK	1	24	21.13	21.49	21.07		
5	QPSK	12	0	20.22	20.45	20.20		
5	QPSK	12	7	20.23	20.26	20.26	22	1
5	QPSK	12	13	20.30	20.40	20.13		
5	QPSK	25	0	20.27	20.29	20.21		
5	16QAM	1	0	20.72	20.81	20.49		
5	16QAM	1	12	20.30	20.28	20.59	22	1
5	16QAM	1	24	20.55	20.50	20.13		
5	16QAM	12	0	19.24	19.38	19.22		
5	16QAM	12	7	19.40	19.36	19.25	21	2
5	16QAM	12	13	19.35	19.27	19.15		
5	16QAM	25	0	19.40	19.34	19.25		
5	64QAM	1	0	19.75	19.56	19.34		
5	64QAM	1	12	19.32	19.76	19.20	21	2
5	64QAM	1	24	19.81	19.38	19.12		
5	64QAM	12	0	18.28	18.51	18.18		
5	64QAM	12	7	18.29	18.24	18.25	20	3
5	64QAM	12	13	18.26	18.26	18.08		
5	64QAM	25	0	18.30	18.27	18.17		
5	256QAM	1	0	16.48	16.52	16.40		
5	256QAM	1	12	16.30	16.41	16.27	18	5
5	256QAM	1	24	16.14	16.16	16.12		
5	256QAM	12	0	16.29	16.35	16.31		
5	256QAM	12	7	16.46	16.54	16.45	18	5
5	256QAM	12	13	16.20	16.32	16.16		
5	256QAM	25	0	16.24	16.27	16.17		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.49	21.09		
3	QPSK	1	8	21.06	21.47	21.13	23	0
3	QPSK	1	14	21.05	21.45	21.09		
3	QPSK	8	0	20.26	20.53	20.21		
3	QPSK	8	4	20.20	20.25	20.18	22	1
3	QPSK	8	7	20.38	20.31	20.17		
3	QPSK	15	0	20.30	20.35	20.25		
3	16QAM	1	0	20.69	20.73	20.49		
3	16QAM	1	8	20.35	20.28	20.66	22	1
3	16QAM	1	14	20.47	20.45	20.13		
3	16QAM	8	0	19.22	19.36	19.18		
3	16QAM	8	4	19.34	19.33	19.23	21	2
3	16QAM	8	7	19.29	19.20	19.18		
3	16QAM	15	0	19.33	19.29	19.16		
3	64QAM	1	0	19.85	19.57	19.37		
3	64QAM	1	8	19.35	19.76	19.23	21	2
3	64QAM	1	14	19.73	19.40	19.13		
3	64QAM	8	0	18.33	18.48	18.27		
3	64QAM	8	4	18.22	18.23	18.31	20	3
3	64QAM	8	7	18.24	18.29	18.16		
3	64QAM	15	0	18.33	18.30	18.11		
3	256QAM	1	0	16.40	16.55	16.44		
3	256QAM	1	8	16.37	16.44	16.29	18	5
3	256QAM	1	14	16.16	16.15	16.08		
3	256QAM	8	0	16.31	16.38	16.33		
3	256QAM	8	4	16.47	16.47	16.42	18	5
3	256QAM	8	7	16.18	16.31	16.23		
3	256QAM	15	0	16.31	16.41	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.42	21.16		
1.4	QPSK	1	3	21.10	21.41	21.11		
1.4	QPSK	1	5	21.10	21.44	21.15	23	0
1.4	QPSK	3	0	21.23	21.27	21.05		
1.4	QPSK	3	1	20.96	21.29	20.95		
1.4	QPSK	3	3	21.00	21.36	21.03		
1.4	QPSK	6	0	20.29	20.33	20.25	22	1
1.4	16QAM	1	0	20.72	20.74	20.53		
1.4	16QAM	1	3	20.35	20.25	20.62		
1.4	16QAM	1	5	20.47	20.44	20.04	22	1
1.4	16QAM	3	0	20.61	20.68	20.45		
1.4	16QAM	3	1	20.19	20.18	20.46		
1.4	16QAM	3	3	20.37	20.32	19.91		
1.4	16QAM	6	0	19.34	19.38	19.21	21	2
1.4	64QAM	1	0	19.76	19.58	19.35		
1.4	64QAM	1	3	19.28	19.76	19.29		
1.4	64QAM	1	5	19.85	19.41	19.13	21	2
1.4	64QAM	3	0	19.69	19.48	19.23		
1.4	64QAM	3	1	19.22	19.69	19.19		
1.4	64QAM	3	3	19.72	19.34	19.04		
1.4	64QAM	6	0	18.32	18.30	18.14	20	3
1.4	256QAM	1	0	16.46	16.58	16.39		
1.4	256QAM	1	3	16.38	16.43	16.29		
1.4	256QAM	1	5	16.10	16.15	16.02	18	5
1.4	256QAM	3	0	16.31	16.41	16.29		
1.4	256QAM	3	1	16.44	16.55	16.48		
1.4	256QAM	3	3	16.21	16.26	16.18		
1.4	256QAM	6	0	16.28	16.46	16.33	18	5

Band 66_Ant 1

BW [MHz]	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	16.11	16.26	16.11		
20	QPSK	1	49	16.23	16.1	16.23	17.5	0
20	QPSK	1	99	16.18	15.97	15.81		
20	QPSK	50	0	16.14	16.12	16.12		
20	QPSK	50	24	16.2	16.2	16.05	17.5	0
20	QPSK	50	50	16.18	16.15	16.09		
20	QPSK	100	0	16.17	16.18	16.02		
20	16QAM	1	0	16.19	16.2	16.2		
20	16QAM	1	49	16.2	16.18	16.2	17.5	0
20	16QAM	1	99	16.24	16.22	16.05		
20	16QAM	50	0	16.17	16.24	16.16		
20	16QAM	50	24	16.23	16.14	16.15	17.5	0
20	16QAM	50	50	16.13	16.19	16.19		
20	16QAM	100	0	16.11	16.16	16.09		
20	64QAM	1	0	16.18	16.07	16.21	17.5	0
20	64QAM	1	49	16.18	16.06	16.18		
20	64QAM	1	99	16.19	15.87	16.2		
20	64QAM	50	0	16.21	16.12	16.06		
20	64QAM	50	24	16.13	16.21	16.07	17.5	0
20	64QAM	50	50	16.18	16.21	16.18		
20	64QAM	100	0	16.18	16.18	16.06		
20	256QAM	1	0	16.07	16.09	15.90		
20	256QAM	1	49	16.07	16.07	15.98	17.5	0
20	256QAM	1	99	16.05	16.20	15.92		
20	256QAM	50	0	15.99	15.77	15.81		
20	256QAM	50	24	15.99	16.00	15.77	17.5	0
20	256QAM	50	50	15.93	15.96	15.87		
20	256QAM	100	0	16.05	15.96	15.83		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.04	16.24	16.06		
15	QPSK	1	37	16.14	16.04	16.14	17.5	0
15	QPSK	1	74	16.1	15.9	15.73		
15	QPSK	36	0	16.01	16.19	16.06		
15	QPSK	36	20	16.1	16.16	15.92	17.5	0
15	QPSK	36	39	16.16	16.09	16.08		
15	QPSK	75	0	16.1	16.06	16		
15	16QAM	1	0	16.3	16.17	16.17		
15	16QAM	1	37	16.1	16.16	16.15	17.5	0
15	16QAM	1	74	16.17	16.14	15.97		
15	16QAM	36	0	16.05	16.18	16.06		
15	16QAM	36	20	16.21	16.01	16.06	17.5	0
15	16QAM	36	39	16.1	16.06	16.07		
15	16QAM	75	0	16.07	16.12	16.02		
15	64QAM	1	0	16.16	16.16	16.03		
15	64QAM	1	37	16.27	15.96	16.08	17.5	0
15	64QAM	1	74	16.1	15.81	16.08		
15	64QAM	36	0	16.11	16.1	15.96		
15	64QAM	36	20	16.08	16.09	16.04	17.5	0
15	64QAM	36	39	16.13	16.14	16.12		
15	64QAM	75	0	16.13	16.13	15.99		
15	256QAM	1	0	15.96	16.00	15.88		
15	256QAM	1	37	15.97	15.95	15.87	17.5	0
15	256QAM	1	74	15.92	16.14	15.81		
15	256QAM	36	0	15.87	15.73	15.75		
15	256QAM	36	20	15.97	15.97	15.85	17.5	0
15	256QAM	36	39	15.82	15.90	15.84		
15	256QAM	75	0	15.97	15.87	15.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.08	16.2	16.03		
10	QPSK	1	25	16.16	16.01	16.14	17.5	0
10	QPSK	1	49	16.11	15.91	15.77		
10	QPSK	25	0	16.08	16.13	16		
10	QPSK	25	12	16.16	16.12	15.95	17.5	0
10	QPSK	25	25	16.07	16.07	15.97		
10	QPSK	50	0	16.12	16.16	15.95		
10	16QAM	1	0	16.16	16.19	16.1		
10	16QAM	1	25	16.18	16.05	16.13	17.5	0
10	16QAM	1	49	16.14	16.16	16		
10	16QAM	25	0	16.07	16.13	16.11		
10	16QAM	25	12	16.14	16.06	16.13	17.5	0
10	16QAM	25	25	16.09	16.16	16.15		
10	16QAM	50	0	16.05	16.05	15.99		
10	64QAM	1	0	16.15	16.18	16.15		
10	64QAM	1	25	16.06	15.96	16.11	17.5	0
10	64QAM	1	49	16.09	15.74	16.12		
10	64QAM	25	0	16.11	15.99	16.04		
10	64QAM	25	12	16.04	16.17	16.01	17.5	0
10	64QAM	25	25	16.09	16.16	16.05		
10	64QAM	50	0	16.05	16.11	16.03		
10	256QAM	1	0	16.00	16.01	15.88		
10	256QAM	1	25	16.05	16.01	15.87	17.5	0
10	256QAM	1	49	15.99	15.98	15.88		
10	256QAM	25	0	15.87	15.71	15.73		
10	256QAM	25	12	15.96	15.93	15.70	17.5	0
10	256QAM	25	25	15.85	15.94	15.84		
10	256QAM	50	0	15.93	15.87	15.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.04	16.21	16.04		
5	QPSK	1	12	16.21	16.06	16.14	17.5	0
5	QPSK	1	24	16.14	15.86	15.69		
5	QPSK	12	0	16.03	16.09	15.99		
5	QPSK	12	7	16.13	16.18	15.97	17.5	0
5	QPSK	12	13	16.15	16.05	16.15		
5	QPSK	25	0	16.06	16.15	15.95		
5	16QAM	1	0	16.11	16.16	16.15		
5	16QAM	1	12	16.13	16.08	16.17	17.5	0
5	16QAM	1	24	16.16	16.2	15.98		
5	16QAM	12	0	16.08	16.2	16.07		
5	16QAM	12	7	16.19	16.07	16.06	17.5	0
5	16QAM	12	13	16.08	16.16	16.11		
5	16QAM	25	0	16.02	16.05	16.03		
5	64QAM	1	0	16.1	16.14	16.11		
5	64QAM	1	12	16.11	16.01	16.06	17.5	0
5	64QAM	1	24	16.12	15.83	16.07		
5	64QAM	12	0	16.12	16.03	16.04		
5	64QAM	12	7	16.08	16.15	15.96	17.5	0
5	64QAM	12	13	16.08	16.13	16.07		
5	64QAM	25	0	16.14	16.09	16.04		
5	256QAM	1	0	15.94	16.03	15.81		
5	256QAM	1	12	16.00	16.01	15.86	17.5	0
5	256QAM	1	24	16.02	16.13	15.80		
5	256QAM	12	0	15.92	15.73	15.74		
5	256QAM	12	7	15.87	15.89	15.67	17.5	0
5	256QAM	12	13	15.86	15.94	15.82		
5	256QAM	25	0	15.98	15.85	15.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.08	16.23	16.06		
3	QPSK	1	8	16.12	16.15	16.12	17.5	0
3	QPSK	1	14	16.05	15.94	15.68		
3	QPSK	8	0	16.06	16.17	16.01		
3	QPSK	8	4	16.09	16.08	16.02		
3	QPSK	8	7	16.16	16.1	15.97	17.5	0
3	QPSK	15	0	16.11	16.05	15.99		
3	16QAM	1	0	16.1	16.15	16.14		
3	16QAM	1	8	16.13	16.12	16.13	17.5	0
3	16QAM	1	14	16.22	16.14	15.93		
3	16QAM	8	0	16.1	16.18	16.16		
3	16QAM	8	4	16.15	16.05	16.03	17.5	0
3	16QAM	8	7	16.09	16.06	16.1		
3	16QAM	15	0	16.14	16.07	16.05		
3	64QAM	1	0	16.15	16.07	16.08		
3	64QAM	1	8	16.09	15.96	16.07	17.5	0
3	64QAM	1	14	16.07	15.83	16.09		
3	64QAM	8	0	16.18	16.05	15.95		
3	64QAM	8	4	16.02	16.12	15.98	17.5	0
3	64QAM	8	7	16.05	16.14	16.08		
3	64QAM	15	0	16.05	16.14	16.03		
3	256QAM	1	0	15.95	16.02	15.82		
3	256QAM	1	8	15.96	16.04	15.89	17.5	0
3	256QAM	1	14	16.02	16.13	15.84		
3	256QAM	8	0	15.91	15.83	15.77		
3	256QAM	8	4	15.94	15.96	15.84	17.5	0
3	256QAM	8	7	15.82	15.84	15.76		
3	256QAM	15	0	15.92	15.81	15.78		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.04	16.18	16.07		
1.4	QPSK	1	3	16.11	16.07	16.17		
1.4	QPSK	1	5	16.11	16.08	15.75	17.5	0
1.4	QPSK	3	0	16.11	16.13	16.02		
1.4	QPSK	3	1	16.08	16.12	15.94		
1.4	QPSK	3	3	16.05	16.12	16.02		
1.4	QPSK	6	0	16.07	16.12	15.97	17.5	0
1.4	16QAM	1	0	16.12	16.17	16.17		
1.4	16QAM	1	3	16.09	16.14	16.17		
1.4	16QAM	1	5	16.14	16.15	15.93		
1.4	16QAM	3	0	16.15	16.21	16.14		
1.4	16QAM	3	1	16.1	16.04	16.13		
1.4	16QAM	3	3	16.06	16.13	16.08		
1.4	16QAM	6	0	15.98	16.02	16.03	17.5	0
1.4	64QAM	1	0	16.08	16.11	16.15		
1.4	64QAM	1	3	16.08	15.95	16.08		
1.4	64QAM	1	5	16.06	15.77	16.1	17.5	0
1.4	64QAM	3	0	16.12	15.99	16.03		
1.4	64QAM	3	1	16.08	16.13	15.94		
1.4	64QAM	3	3	16.08	16.18	16.11		
1.4	64QAM	6	0	16.11	16.05	15.99	17.5	0
1.4	256QAM	1	0	15.99	16.03	15.81		
1.4	256QAM	1	3	16.04	16.03	15.85		
1.4	256QAM	1	5	16.01	16.18	15.81	17.5	0
1.4	256QAM	3	0	15.89	15.88	15.74		
1.4	256QAM	3	1	15.96	15.90	15.71		
1.4	256QAM	3	3	15.81	15.94	15.75		
1.4	256QAM	6	0	15.92	15.83	15.73	17.5	0

Band 66_Ant 2

BW [MHz]	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	18.79	19.08	19		
20	QPSK	1	49	18.67	18.98	18.92	20	0
20	QPSK	1	99	18.83	19.03	18.92		
20	QPSK	50	0	18.74	18.93	18.99		
20	QPSK	50	24	18.78	19.01	18.99	20	0
20	QPSK	50	50	18.84	18.96	19.01		
20	QPSK	100	0	18.84	18.95	18.93		
20	16QAM	1	0	19.04	18.96	19.04		
20	16QAM	1	49	18.99	19.03	18.99	20	0
20	16QAM	1	99	18.95	18.97	19.06		
20	16QAM	50	0	18.27	18.96	18.84		
20	16QAM	50	24	18.8	18.79	18.91	20	0
20	16QAM	50	50	18.54	18.

Band 38_Ant 0

BW [MHz]	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	19.81	19.83	19.78		
20	QPSK	1	49	19.57	19.66	19.41	21	0
20	QPSK	1	99	19.62	19.71	19.67		
20	QPSK	50	0	19.62	19.75	19.49		
20	QPSK	50	24	19.69	19.30	19.57	21	0
20	QPSK	50	53	19.74	19.52	19.50		
20	QPSK	100	0	19.71	19.73	19.43		
20	16QAM	1	0	19.79	19.77	19.53		
20	16QAM	1	49	19.55	19.42	19.60	21	0
20	16QAM	1	99	19.48	19.35	19.51		
20	16QAM	50	0	19.73	19.37	19.53		
20	16QAM	50	24	19.78	19.55	19.55	21	0
20	16QAM	50	53	19.65	19.39	19.43		
20	16QAM	100	0	19.67	19.47	19.44		
20	64QAM	1	0	19.64	19.62	19.67		
20	64QAM	1	49	19.29	19.78	19.32	21	0
20	64QAM	1	99	19.75	19.58	19.66		
20	64QAM	50	0	18.71	18.52	18.50		
20	64QAM	50	24	18.69	18.51	18.66	20	1
20	64QAM	50	53	18.76	18.50	18.45		
20	64QAM	100	0	18.85	18.44	18.57		
20	256QAM	1	0	16.52	16.69	16.49		
20	256QAM	1	49	16.60	16.79	16.67	18	3
20	256QAM	1	99	16.70	16.66	16.70		
20	256QAM	50	0	16.73	16.86	16.78		
20	256QAM	50	24	16.81	16.82	16.81	18	3
20	256QAM	50	53	16.63	16.75	16.74		
20	256QAM	100	0	16.62	16.77	16.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.73	19.75	19.71		
15	QPSK	1	37	19.47	19.62	19.31	21	0
15	QPSK	1	74	19.54	19.66	19.56		
15	QPSK	36	0	19.52	19.67	19.45		
15	QPSK	36	20	19.60	19.21	19.53	21	0
15	QPSK	36	39	19.68	19.43	19.40		
15	QPSK	75	0	19.63	19.63	19.37		
15	16QAM	1	0	19.75	19.70	19.50		
15	16QAM	1	37	19.44	19.31	19.58	21	0
15	16QAM	1	74	19.36	19.29	19.40		
15	16QAM	36	0	19.69	19.35	19.46		
15	16QAM	36	20	19.67	19.48	19.43	21	0
15	16QAM	36	39	19.58	19.32	19.39		
15	16QAM	75	0	19.55	19.39	19.34		
15	64QAM	1	0	19.62	19.58	19.62		
15	64QAM	1	37	19.23	19.65	19.24	21	0
15	64QAM	1	74	19.69	19.48	19.58		
15	64QAM	36	0	18.65	18.43	18.38		
15	64QAM	36	20	18.56	18.46	18.60	20	1
15	64QAM	36	39	18.63	18.43	18.43		
15	64QAM	75	0	18.74	18.38	18.44		
15	256QAM	1	0	16.45	16.63	16.60		
15	256QAM	1	37	16.54	16.73	16.55	18	3
15	256QAM	1	74	16.66	16.60	16.64		
15	256QAM	36	0	16.64	16.74	16.68		
15	256QAM	36	20	16.69	16.77	16.71	18	3
15	256QAM	36	39	16.57	16.72	16.71		
15	256QAM	75	0	16.55	16.67	16.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.73	19.79	19.71		
10	QPSK	1	25	19.51	19.58	19.38	21	0
10	QPSK	1	49	19.52	19.62	19.62		
10	QPSK	25	0	19.51	19.70	19.41		
10	QPSK	25	12	19.66	19.25	19.55	21	0
10	QPSK	25	25	19.64	19.44	19.43		
10	QPSK	50	0	19.60	19.64	19.32		
10	16QAM	1	0	19.66	19.74	19.43		
10	16QAM	1	25	19.45	19.35	19.53	21	0
10	16QAM	1	49	19.41	19.30	19.46		
10	16QAM	25	0	19.66	19.24	19.46		
10	16QAM	25	12	19.71	19.49	19.53	21	0
10	16QAM	25	25	19.60	19.31	19.38		
10	16QAM	50	0	19.54	19.40	19.41		
10	64QAM	1	0	19.60	19.52	19.57		
10	64QAM	1	25	19.21	19.74	19.29	21	0
10	64QAM	1	49	19.68	19.48	19.57		
10	64QAM	25	0	18.61	18.41	18.44		
10	64QAM	25	12	18.59	18.64	18.61	20	1
10	64QAM	25	25	18.73	18.45	18.41		
10	64QAM	50	0	18.83	18.41	18.51		
10	256QAM	1	0	16.40	16.62	16.62		
10	256QAM	1	25	16.52	16.74	16.58	18	3
10	256QAM	1	49	16.66	16.58	16.66		
10	256QAM	25	0	16.64	16.73	16.67		
10	256QAM	25	12	16.77	16.75	16.74	18	3
10	256QAM	25	25	16.61	16.72	16.71		
10	256QAM	50	0	16.53	16.75	16.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.75	19.80	19.75		
5	QPSK	1	12	19.47	19.61	19.30	21	0
5	QPSK	1	24	19.56	19.68	19.65		
5	QPSK	12	0	19.60	19.70	19.37		
5	QPSK	12	7	19.56	19.18	19.54	21	0
5	QPSK	12	13	19.72	19.45	19.48		
5	QPSK	25	0	19.64	19.61	19.32		
5	16QAM	1	0	19.68	19.65	19.45		
5	16QAM	1	12	19.45	19.32	19.58	21	0
5	16QAM	1	24	19.39	19.28	19.49		
5	16QAM	12	0	19.62	19.31	19.49		
5	16QAM	12	7	19.76	19.51	19.44	21	0
5	16QAM	12	13	19.54	19.32	19.37		
5	16QAM	25	0	19.60	19.45	19.34		
5	64QAM	1	0	19.53	19.55	19.62		
5	64QAM	1	12	19.24	19.72	19.25	21	0
5	64QAM	1	24	19.64	19.54	19.61		
5	64QAM	12	0	18.63	18.39	18.40		
5	64QAM	12	7	18.63	18.44	18.64	20	1
5	64QAM	12	13	18.63	18.38	18.39		
5	64QAM	25	0	18.74	18.39	18.55		
5	256QAM	1	0	16.45	16.61	16.65		
5	256QAM	1	12	16.52	16.66	16.55	18	3
5	256QAM	1	24	16.62	16.55	16.57		
5	256QAM	12	0	16.65	16.82	16.70		
5	256QAM	12	7	16.79	16.69	16.70	18	3
5	256QAM	12	13	16.61	16.71	16.69		
5	256QAM	25	0	16.50	16.64	16.46		

Band 38_Ant 1

BW [MHz]	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	17.05	17.1	16.91		
20	QPSK	1	49	17.03	16.93	17.04	18	0
20	QPSK	1	99	16.98	16.85	17.03		
20	QPSK	50	0	17.03	17.08	16.92		
20	QPSK	50	24	17.07	16.97	16.97	18	0
20	QPSK	50	53	16.98	16.97	17.01		
20	QPSK	100	0	16.95	17.01	16.92		
20	16QAM	1	0	16.81	16.81	17.02		
20	16QAM	1	49	17.05	17.05	16.99	18	0
20	16QAM	1	99	16.8	16.88	16.76		
20	16QAM	50	0	17.07	16.89	16.98		
20	16QAM	50	24	17.08	17.02	16.87	18	0
20	16QAM	50	53	17.06	17.07	17.06		
20	16QAM	100	0	17.07	16.89	16.84		
20	64QAM	1	0	17.02	17.05	17.02		
20	64QAM	1	49	17.07	16.95	16.97	18	0
20	64QAM	1	99	16.73	16.75	16.89		
20	64QAM	50	0	17.03	16.97	16.94		
20	64QAM	50	24	17.07	16.84	16.98	18	0
20	64QAM	50	53	17.08	17.02	17.02		
20	64QAM	100	0	17.06	16.9	16.91		
20	256QAM	1	0	17.06	17.06	17.06		
20	256QAM	1	49	17.08	17.02	17.02	18	0
20	256QAM	1	99	17.07	17.03	17.02		
20	256QAM	50	0	17.05	17.07	17.08		
20	256QAM	50	24	17.03	17.07	17.06	18	0
20	256QAM	50	53	17.08	17.02	17.03		
20	256QAM	100	0	17.08	17.05	17.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.03	17.03	16.88		
15	QPSK	1	37	16.95	16.88	16.92	18	0
15	QPSK	1	74	16.91	16.73	16.99		
15	QPSK	36	0	16.99	17.01	16.89		
15	QPSK	36	20	16.95	16.91	16.92	18	0
15	QPSK	36	39	16.92	16.84	16.89		
15	QPSK	75	0	16.93	16.99	16.81		
15	16QAM	1	0	16.69	16.78	16.91		
15	16QAM	1	37	16.98	16.98	16.92	18	0
15	16QAM	1	74	16.48	16.77	16.94		
15	16QAM	36	0	16.94	16.81	16.91		
15	16QAM	36	20	16.99	16.89	16.78	18	0
15	16QAM	36	39	17.03	17.03	16.94		
15	16QAM	75	0	16.97	16.84	16.82		
15	64QAM	1	0	16.99	16.96	16.9		
15	64QAM	1	37	17	16.89	16.85	18	0
15	64QAM	1	74	16.7	16.65	16.87		
15	64QAM	36	0	16.96	16.86	16.87		
15	64QAM	36	20	17.03	16.79	16.9	18	0
15	64QAM	36	39	16.96	16.98	16.97		
15	64QAM	75	0	17	16.84	16.87		
15	256QAM	1	0	16.97	16.96	16.95		
15	256QAM	1	37	16.95	16.95	16.93	18	0
15	256QAM	1	74	16.97	16.92	16.98		
15	256QAM	36	0	16.97	17.02	16.97		
15	256QAM	36	20	16.92	17.04	17.01	18	0
15	256QAM	36	39	16.97	16.93	16.94		
15	256QAM	75	0	17.05	17.03	16.97		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.99	17.05	16.86		
10	QPSK	1	25	16.96	16.88	16.92	18	0
10	QPSK	1	49	16.9	16.79	17.01		
10	QPSK	25	0	16.91	16.95	16.85		
10	QPSK	25	12	17.01	16.93	16.94	18	0
10	QPSK	25	25	16.89	16.89	16.89		
10	QPSK	50	0	16.83	16.91	16.81		
10	16QAM	1	0	16.77	16.78	16.99		
10	16QAM	1	25	16.94	17.02	16.92	18	0
10	16QAM	1	49	16.58	16.83	16.65		
10	16QAM	25	0	17.04	16.79	16.88		
10	16QAM	25	12	17.04	16.9	16.85	18	0
10	16QAM	25	25	16.97	17.05	17.03		
10	16QAM	50	0	16.94	16.86	16.72		
10	64QAM	1	0	17	17.04	16.91		
10	64QAM	1	25	17.01	16.89	16.93	18	0
10	64QAM	1	49	16.71	16.64	16.77		
10	64QAM	25	0	16.95	16.88	16.88		
10	64QAM	25	12	17.05	16.74	16.89	18	0
10	64QAM	25	25	16.99	16.97	16.9		
10	64QAM	50	0	16.98	16.84	16.81		
10	256QAM	1	0	17.04	17.06	16.99		
10	256QAM	1	25	16.97	16.98	16.93	18	0
10	256QAM	1	49	16.96	16.97	16.91		
10	256QAM	25	0	16.96	17.04	17.01		
10	256QAM	25	12	16.92	16.95	16.99	18	0
10	256QAM	25	25	17.06	16.93	16.93		
10	256QAM	50	0	17.03	16.96	16.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.01	17.03	16.87		
5	QPSK	1	12	16.99	16.8	16.99	18	0
5	QPSK	1	24	16.87	16.78	16.98		
5	QPSK	12	0	16.93	16.99	16.87		
5	QPSK	12	7	17.01	16.94	16.9	18	0
5	QPSK	12	13	16.89	16.89	16.92		
5	QPSK	25	0	16.89	16.92	16.83		
5	16QAM	1	0	16.73	16.75	16.93		
5	16QAM	1	12	17.03	16.93	16.94	18	0
5	16QAM	1	24	16.58	16.77	16.71		
5	16QAM	12	0	16.95	16.79	16.96		
5	16QAM	12	7	17.03	16.98	16.74	18	0
5	16QAM	12	13	16.95	17.05	16.93		
5	16QAM	25	0	17.02	16.79	16.75		
5	64QAM	1	0	16.99	16.94	17		
5	64QAM	1	12	16.99	16.8	16.87	18	0
5	64QAM	1	24	16.68	16.65	16.81		
5	64QAM	12	0	16.94	16.84	16.92		
5	64QAM	12	7	17.05	16.78	16.95	18	0
5	64QAM	12	13	17.06	16.91	16.92		
5	64QAM	25	0	17	16.82	16.78		
5	256QAM	1	0	17.01	16.95	16.96		
5	256QAM	1	12	17.04	16.98	16.97	18	0
5	256QAM	1	24	16.99	16.96	16.95		
5	256QAM	12	0	17.03	16.95	17.00		
5	256QAM	12	7	16.90	17.04	16.93	18	0
5	256QAM	12	13	17.04	16.98	17.00		
5	256QAM	25	0	17.01	16.94	16.92		

Band 38_Ant 2

BW [MHz]	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	21.28	21.52	21.24		
20	QPSK	1	49	21.32	21.11	21.19	22.5	0
20	QPSK	1	99	21.29	21.07	21.09		
20	QPSK	50	0	21.27	21.45	21.07		
20	QPSK	50	24	21.15	21.34	21.4	22.5	0
20	QPSK	50	53	21.28	21.27	21.27		
20	QPSK	100	0	21.12	21.19	21.09		
20	16QAM	1	0	20.99	20.89	21.04		
20	16QAM	1	49	21.1	21.04	20.99	22.5	0
20	16QAM	1	99	20.9	21.12	21.21		
20	16QAM	50	0	21.16	21.11	21.14		
20	16QAM	50	24	21.39	21.33	21.09	22.5	0
20	16QAM	50	53	21.34	21.12	21.18		
20	16QAM	100	0	21.25	21.06	21.08		
20	64QAM	1	0	21.39	21.12	21.08		
20	64QAM	1	49	21.38	20.91	20.85	22.5	0
20	64QAM	1	99	21.15	21.17	21.07		
20	64QAM	50	0	21.39	21.13	21.1		
20	64QAM	50	24	21.5	21.18	21.24	22.5	0
20	64QAM	50	53	21.43	21.09	21.27		
20	64QAM	100	0	21.43	20.97	21.26		
20	256QAM	1	0	19.43	19.50	19.45		
20	256QAM	1	49	19.37	19.43	19.37	20.5	2
20	256QAM	1	99	19.29	19.42	19.19		
20	256QAM	50	0	19.30	19.25	19.30		
20	256QAM	50	24	19.46	19.31	19.32	20.5	2
20	256QAM	50	53	19.37	19.45	19.32		
20	256QAM	100	0	19.43	19.38	19.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.22	21.48	21.18		
15	QPSK	1	37	21.23	21.08	21.07	22.5	0
15	QPSK	1	74	21.18	20.94	20.99		
15	QPSK	36	0	21.15	21.35	21.05		
15	QPSK	36	20	21.03	21.22	21.27	22.5	0
15	QPSK	36	39	21.19	21.18	21.17		
15	QPSK	75	0	21.02	21.04	21.03		
15	16QAM	1	0	20.9	20.85	20.97		
15	16QAM	1	37	21.05	20.95	20.9	22.5	0
15	16QAM	1	74	20.86	21.06	21.12		
15	16QAM	36	0	21.08	21.08	21.06		
15	16QAM	36	20	21.33	21.27	20.99	22.5	0
15	16QAM	36	39	21.28	21.03	21.16		
15	16QAM	75	0	21.16	21.01	20.98		
15	64QAM	1	0	21.26	21.07	21.08		
15	64QAM	1	37	21.36	20.82	20.77	22.5	0
15	64QAM	1	74	21.08	21.14	21.05		
15	64QAM	36	0	21.26	21.04	21.03		
15	64QAM	36	20	21.46	21.13	21.17	22.5	0
15	64QAM	36	39	21.31	21	21.22		
15	64QAM	75	0	21.4	20.86	21.14		
15	256QAM	1	0	19.41	19.44	19.36		
15	256QAM	1	37	19.27	19.39	19.35	20.5	2
15	256QAM	1	74	19.19	19.33	19.07		
15	256QAM	36	0	19.28	19.12	19.24		
15	256QAM	36	20	19.36	19.19	19.23	20.5	2
15	256QAM	36	39	19.29	19.39	19.19		
15	256QAM	75	0	19.37	19.27	19.31		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.21	21.44	21.17		
10	QPSK	1	25	21.27	21.05	21.1	22.5	0
10	QPSK	1	49	21.16	21.03	20.99		
10	QPSK	25	0	21.22	21.39	21.03		
10	QPSK	25	12	21.03	21.25	21.28	22.5	0
10	QPSK	25	25	21.18	21.18	21.22		
10	QPSK	50	0	21.05	21.1	20.96		
10	16QAM	1	0	20.89	20.84	21		
10	16QAM	1	25	21.07	20.92	20.91	22.5	0
10	16QAM	1	49	20.86	21.09	21.18		
10	16QAM	25	0	21.09	21.07	21.02		
10	16QAM	25	12	21.33	21.27	21.04	22.5	0
10	16QAM	25	25	21.32	21.01	21.14		
10	16QAM	50	0	21.16	20.97	21.04		
10	64QAM	1	0	21.3	21.04	21.04		
10	64QAM	1	25	21.27	20.88	20.79	22.5	0
10	64QAM	1	49	21.04	21.04	21.05		
10	64QAM	25	0	21.35	21.09	20.98		
10	64QAM	25	12	21.45	21.07	21.13	22.5	0
10	64QAM	25	25	21.35	21.01	21.14		
10	64QAM	50	0	21.35	20.92	21.19		
10	256QAM	1	0	19.32	19.46	19.43		
10	256QAM	1	25	19.32	19.34	19.29	20.5	2
10	256QAM	1	49	19.23	19.32	19.07		
10	256QAM	25	0	19.27	19.22	19.18		
10	256QAM	25	12	19.33	19.27	19.19	20.5	2
10	256QAM	25	25	19.27	19.34	19.19		
10	256QAM	50	0	19.37	19.33	19.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.23	21.46	21.19		
5	QPSK	1	12	21.27	21.07	21.06	22.5	0
5	QPSK	1	24	21.27	20.98	21.05		
5	QPSK	12	0	21.23	21.33	20.94		
5	QPSK	12	7	21.07	21.21	21.3	22.5	0
5	QPSK	12	13	21.21	21.24	21.25		
5	QPSK	25	0	21	21.11	21.07		
5	16QAM	1	0	20.96	20.84	20.93		
5	16QAM	1	12	21.03	20.95	20.93	22.5	0
5	16QAM	1	24	20.77	21.05	21.18		
5	16QAM	12	0	21.03	21.04	21.09		
5	16QAM	12	7	21.29	21.21	21.06	22.5	0
5	16QAM	12	13	21.28	21.1	21.09		
5	16QAM	25	0	21.2	21	21.04		
5	64QAM	1	0	21.34	21.04	21.05		
5	64QAM	1	12	21.31	20.98	20.8	22.5	0
5	64QAM	1	24	21.05	21.14	21.02		
5	64QAM	12	0	21.3	21.06	21.07		
5	64QAM	12	7	21.47	21.14	21.22	22.5	0
5	64QAM	12	13	21.35	21.04	21.21		
5	64QAM	25	0	21.38	20.87	21.18		
5	256QAM	1	0	19.33	19.39	19.41		
5	256QAM	1	12	19.32	19.41	19.28	20.5	2
5	256QAM	1	24	19.17	19.34	19.16		
5	256QAM	12	0	19.20	19.12	19.25		
5	256QAM	12	7	19.34	19.24	19.30	20.5	2
5	256QAM	12	13	19.34	19.38	19.30		
5	256QAM	25	0	19.30	19.29	19.20		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.57	21.66	21.64	22.7	0
20	QPSK	1	49	21.58	21.6	21.5		
20	QPSK	1	99	21.5	21.55	21.43		
20	QPSK	50	0	21.5	21.64	21.5		
20	QPSK	50	24	21.58	21.62	21.52		
20	QPSK	50	50	21.58	21.63	21.55		
20	QPSK	100	0	21.51	21.63	21.55		
20	16QAM	1	0	21.53	21.65	21.51		
20	16QAM	1	49	21.59	21.64	21.6		
20	16QAM	1	99	21.56	21.58	21.43		
20	16QAM	50	0	21.55	21.64	21.64		
20	16QAM	50	24	21.52	21.65	21.62		
20	16QAM	50	50	21.59	21.64	21.61		
20	16QAM	100	0	21.47	21.62	21.49		
20	64QAM	1	0	21.54	21.63	21.53		
20	64QAM	1	49	21.57	21.65	21.6		
20	64QAM	1	99	21.51	21.64	21.54		
20	64QAM	50	0	21.52	21.61	21.47		
20	64QAM	50	24	21.59	21.63	21.54		
20	64QAM	50	50	21.56	21.62	21.55		
20	64QAM	100	0	21.61	21.65	21.51		
20	256QAM	1	0	19.56	19.63	19.57		
20	256QAM	1	49	19.54	19.67	19.54	20.7	2
20	256QAM	1	99	19.61	19.61	19.53		
20	256QAM	50	0	19.53	19.64	19.51		
20	256QAM	50	24	19.60	19.65	19.53		
20	256QAM	50	50	19.66	19.67	19.60	20.7	2
20	256QAM	100	0	19.61	19.62	19.53		
Channel				37825	38000	38175	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.59	21.64	21.55	22.7	0
15	QPSK	1	37	21.48	21.57	21.41		
15	QPSK	1	74	21.47	21.47	21.36		
15	QPSK	36	0	21.47	21.65	21.41		
15	QPSK	36	20	21.62	21.64	21.46		
15	QPSK	36	39	21.47	21.53	21.46		
15	QPSK	75	0	21.54	21.59	21.57		
15	16QAM	1	0	21.43	21.60	21.46		
15	16QAM	1	37	21.49	21.59	21.57	22.7	0
15	16QAM	1	74	21.57	21.55	21.33		
15	16QAM	36	0	21.54	21.63	21.65		
15	16QAM	36	20	21.55	21.57	21.53	22.7	0
15	16QAM	36	39	21.58	21.64	21.59		
15	16QAM	75	0	21.37	21.62	21.39		
15	64QAM	1	0	21.59	21.57	21.43		
15	64QAM	1	37	21.48	21.63	21.50	22.7	0
15	64QAM	1	74	21.43	21.61	21.49		
15	64QAM	36	0	21.42	21.54	21.38		
15	64QAM	36	20	21.53	21.61	21.58	22.7	0
15	64QAM	36	39	21.60	21.57	21.46		
15	64QAM	75	0	21.58	21.59	21.48		
15	256QAM	1	0	19.61	19.65	19.57		
15	256QAM	1	37	19.59	19.68	19.56	20.7	2
15	256QAM	1	74	19.62	19.65	19.57		
15	256QAM	36	0	19.45	19.68	19.45		
15	256QAM	36	20	19.59	19.67	19.55	20.7	2
15	256QAM	36	39	19.62	19.72	19.53		
15	256QAM	75	0	19.57	19.63	19.51		
Channel				37800	38000	38200	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.52	21.65	21.61	22.7	0
10	QPSK	1	25	21.50	21.65	21.50		
10	QPSK	1	49	21.44	21.48	21.37		
10	QPSK	25	0	21.48	21.65	21.45		
10	QPSK	25	12	21.43	21.58	21.43		
10	QPSK	25	25	21.49	21.53	21.58		
10	QPSK	50	0	21.54	21.59	21.52		
10	16QAM	1	0	21.52	21.57	21.49		
10	16QAM	1	25	21.50	21.58	21.63	22.7	0
10	16QAM	1	49	21.46	21.54	21.43		
10	16QAM	25	0	21.47	21.64	21.61		
10	16QAM	25	12	21.53	21.64	21.55	22.7	0
10	16QAM	25	25	21.58	21.65	21.61		
10	16QAM	50	0	21.51	21.60	21.45		
10	64QAM	1	0	21.59	21.63	21.50		
10	64QAM	1	25	21.57	21.63	21.51	22.7	0
10	64QAM	1	49	21.49	21.54	21.58		
10	64QAM	25	0	21.50	21.56	21.47		
10	64QAM	25	12	21.55	21.66	21.46	22.7	0
10	64QAM	25	25	21.47	21.59	21.45		
10	64QAM	50	0	21.63	21.61	21.47		
10	256QAM	1	0	19.59	19.62	19.62		
10	256QAM	1	25	19.58	19.69	19.48	20.7	2
10	256QAM	1	49	19.63	19.54	19.43		
10	256QAM	25	0	19.58	19.65	19.41		
10	256QAM	25	12	19.64	19.64	19.53	20.7	2
10	256QAM	25	25	19.69	19.71	19.62		
10	256QAM	50	0	19.53	19.66	19.48		
Channel				37725	38000	38275	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.57	21.57	21.64	22.7	0
5	QPSK	1	12	21.58	21.54	21.45		
5	QPSK	1	24	21.48	21.46	21.45		
5	QPSK	12	0	21.42	21.57	21.50		
5	QPSK	12	7	21.56	21.56	21.49	22.7	0
5	QPSK	12	13	21.54	21.46	21.45		
5	QPSK	25	0	21.42	21.60	21.46		
5	16QAM	1	0	21.55	21.56	21.45		
5	16QAM	1	12	21.55	21.58	21.50	22.7	0
5	16QAM	1	24	21.48	21.54	21.44		
5	16QAM	12	0	21.60	21.59	21.57		
5	16QAM	12	7	21.55	21.58	21.63	22.7	0
5	16QAM	12	13	21.61	21.58	21.62		
5	16QAM	25	0	21.40	21.59	21.47		
5	64QAM	1	0	21.51	21.62	21.51		
5	64QAM	1	12	21.57	21.58	21.58	22.7	0
5	64QAM	1	24	21.46	21.55	21.45		
5	64QAM	12	0	21.52	21.60	21.37		
5	64QAM	12	7	21.62	21.64	21.54	22.7	0
5	64QAM	12	13	21.61	21.62	21.48		
5	64QAM	25	0	21.55	21.58	21.49		
5	256QAM	1	0	19.46	19.60	19.58		
5	256QAM	1	12	19.54	19.68	19.51	20.7	2
5	256QAM	1	24	19.62	19.60	19.52		
5	256QAM	12	0	19.57	19.61	19.44		
5	256QAM	12	7	19.57	19.63	19.48	20.7	2
5	256QAM	12	13	19.88	20.00	19.95		
5	256QAM	25	0	19.82	19.60	19.51		

Band 41_Ant 0

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	2543.5	2593	2636.5	2680		
20	QPSK	1	0	19.91	19.92	20.01	19.92	19.96	21	0
20	QPSK	1	49	19.84	19.91	19.97	19.92	19.93		
20	QPSK	1	99	19.92	19.99	20	19.89	19.88		
20	QPSK	50	0	19.76	19.91	19.92	19.81	19.72		
20	QPSK	50	24	19.72	19.77	19.76	19.77	19.85	21	0
20	QPSK	50	50	19.79	19.71	19.79	19.82	19.81		
20	QPSK	100	0	19.71	19.8	19.89	19.8	19.82		
20	16QAM	1	0	19.75	19.83	19.77	19.78	19.73	21	0
20	16QAM	1	49	19.7	19.75	19.72	19.66	19.7		
20	16QAM	1	99	19.72	19.87	19.81	19.71	19.65		
20	16QAM	50	0	19.71	19.76	19.77	19.79	19.64	21	0
20	16QAM	50	24	19.72	19.85	19.81	19.78	19.68		
20	16QAM	50	50	19.81	19.84	19.78	19.7	19.74		
20	16QAM	100	0	19.71	19.79	19.86	19.65	19.61		
20	64QAM	1	0	19.76	19.83	19.81	19.67	19.65	21	0
20	64QAM	1	49	19.77	19.8	19.77	19.75	19.69		
20	64QAM	1	99	19.73	19.8	19.81	19.74	19.61		
20	64QAM	50	0	18.64	18.72	18.79	18.59	18.56	20	1
20	64QAM	50	24	18.6	18.7	18.77	18.65	18.56		
20	64QAM	50	50	18.66	18.78	18.66	18.62	18.53		
20	64QAM	100	0	18.63	18.78	18.71	18.58	18.63		
20	256QAM	1	0	16.54	16.68	16.62	16.50	16.54	18	3
20	256QAM	1	49	16.57	16.71	16.72	16.54	16.57		
20	256QAM	1	99	16.49	16.73	16.67	16.57	16.50		
20	256QAM	50	0	16.55	16.74	16.76	16.57	16.43	18	3
20	256QAM	50	24	16.56	16.66	16.77	16.50	16.52		
20	256QAM	50	50	16.56	16.63	16.66	16.53	16.58		
20	256QAM	100	0	16.60	16.70	16.67	16.52	16.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593	2637.8	2682.5		
15	QPSK	1	0	19.79	19.84	19.99	19.8	19.86	21.00	0
15	QPSK	1	37	19.74	19.82	19.87	19.81	19.87		
15	QPSK	1	74	19.89	19.88	19.9	19.81	19.81		
15	QPSK	36	0	19.73	19.79	19.81	19.69	19.61	21	0
15	QPSK	36	20	19.67	19.71	19.68	19.74	19.82		
15	QPSK	36	39	19.73	19.62	19.69	19.71	19.79		
15	QPSK	75	0	19.6	19.69	19.8	19.73	19.78		
15	16QAM	1	0	19.71	19.77	19.73	19.67	19.61	21	0
15	16QAM	1	37	19.59	19.71	19.65	19.56	19.62		
15	16QAM	1	74	19.69	19.81	19.77	19.6	19.54		
15	16QAM	36	0	19.6	19.66	19.74	19.7	19.54	21	0
15	16QAM	36	20	19.7	19.78	19.76	19.68	19.63		
15	16QAM	36	39	19.7	19.77	19.72	19.58	19.62		
15	16QAM	75	0	19.59	19.7	19.84	19.57	19.57		
15	64QAM	1	0	19.72	19.78	19.76	19.65	19.62	21	0
15	64QAM	1	37	19.66	19.74	19.73	19.70	19.59		
15	64QAM	1	74	19.66	19.76	19.69	19.68	19.49		
15	64QAM	36	0	18.62	18.61	18.69	18.51	18.52	20	1
15	64QAM	36	20	18.49	18.64	18.73	18.58	18.44		
15	64QAM	36	39	18.55	18.76	18.58	18.54	18.43		
15	64QAM	75	0	18.54	18.70	18.63	18.52	18.57		
15	256QAM	1	0	16.51	16.65	16.53	16.46	16.48	18	3
15	256QAM	1	37	16.48	16.61	16.66	16.42	16.51		
15	256QAM	1	74	16.42	16.68	16.57	16.52	16.46		
15	256QAM	36	0	16.46	16.64	16.70	16.47	16.34	18	3
15	256QAM	36	20	16.45	16.57	16.72	16.44	16.43		
15	256QAM	36	39	16.49	16.56	16.60	16.45	16.52		
15	256QAM	75	0	16.48	16.63	16.62	16.50	16.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.84	19.83	19.89	19.81	19.88	21.00	0
10	QPSK	1	25	19.81	19.86	19.93	19.81	19.83		
10	QPSK	1	49	19.9	19.91	19.88	19.82	19.78		
10	QPSK	25	0	19.86	19.8	19.82	19.74	19.7	21	0
10	QPSK	25	12	19.63	19.73	19.7	19.74	19.81		
10	QPSK	25	25	19.69	19.6	19.72	19.7	19.75		
10	QPSK	50	0	19.64	19.76	19.78	19.7	19.77		
10	16QAM	1	0	19.66	19.81	19.67	19.73	19.61	21	0
10	16QAM	1	25	19.68	19.68	19.66	19.8	19.61		
10	16QAM	1	49	19.63	19.85	19.72	19.67	19.57		
10	16QAM	25	0	19.66	19.69	19.73	19.73	19.59	21	0
10	16QAM	25	12	19.62	19.78	19.76	19.69	19.58		
10	16QAM	25	25	19.7	19.8	19.69	19.58	19.63		
10	16QAM	50	0	19.61	19.74	19.77	19.57	19.55	21	0
10	64QAM	1	0	19.67	19.73	19.72	19.58	19.60		
10	64QAM	1	25	19.71	19.78	19.69	19.69	19.62		
10	64QAM	1	49	19.63	19.76	19.74	19.68	19.54		
10	64QAM	25	0	18.52	18.70	18.70	18.56	18.48	20	1
10	64QAM	25	12	18.57	18.66	18.74	18.60	18.45		
10	64QAM	25	25	18.69	18.74	18.63	18.52	18.43		
10	64QAM	50	0	18.53	18.66	18.60	18.47	18.54		
10	256QAM	1	0	16.51	16.60	16.50	16.44	16.45	18	3
10	256QAM	1	25	16.47	16.62	16.64	16.52	16.48		
10	256QAM	1	49	16.41	16.61	16.62	16.46	16.46		
10	256QAM	25	0	16.46	16.67	16.74	16.46	16.32	18	3
10	256QAM	25	12	16.48	16.58	16.68	16.48	16.44		
10	256QAM	25	25	16.53	16.54	16.55	16.41	16.50		
10	256QAM	50	0	16.54	16.65	16.65	16.41	16.43		
Channel				39675	40145	40620	41093	41565	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.89	19.81	19.97	19.87	19.86	21.00	0
5	QPSK	1	12	19.77	19.84	19.95	19.81	19.84		
5	QPSK	1	24	19.81	19.93	19.89	19.86	19.77		
5	QPSK	12	0	19.72	19.83	19.9	19.71	19.68	21	0
5	QPSK	12	7	19.69	19.67	19.7	19.75	19.78		
5	QPSK	12	13	19.72	19.61	19.7	19.77	19.7		
5	QPSK	25	0	19.68	19.73	19.78	19.69	19.78		
5	16QAM	1	0	19.7	19.76	19.75	19.66	19.64	21	0
5	16QAM	1	12	19.6	19.71	19.69	19.8	19.65		
5	16QAM	1	24	19.63	19.8	19.74	19.6	19.63		
5	16QAM	12	0	19.67	19.65	19.7	19.76	19.59	21	0
5	16QAM	12	7	19.64	19.75	19.7	19.7	19.62		
5	16QAM	12	13	19.79	19.72	19.71	19.58	19.72		
5	16QAM	25	0	19.69	19.67	19.77	19.56	19.55		
5	64QAM	1	0	19.68	19.81	19.73	19.55	19.62	21	0
5	64QAM	1	12	19.73	19.69	19.67	19.72	19.57		
5	64QAM	1	24	19.61	19.69	19.71	19.68	19.51		
5	64QAM	12	0	18.56	18.62	18.75	18.56	18.48	20	1
5	64QAM	12	7	18.54	18.64	18.66	18.63	18.48		
5	64QAM	12	13	18.57	18.67	18.62	18.55	18.47		
5	64QAM	25	0	18.53	18.70	18.62	18.51	18.61		
5	256QAM	1	0	16.44	16.61	16.50	16.44	16.48	18	3
5	256QAM	1	12	16.47	16.60	16.69	16.44	16.54		
5	256QAM	1	24	16.46	16.65	16.58	16.54	16.46		
5	256QAM	12	0	16.51	16.71	16.65	16.55	16.37	18	3
5	256QAM	12	7	16.45	16.64	16.68	16.42	16.47		
5	256QAM	12	13	16.47	16.53	16.56	16.50	16.48		
5	256QAM	25	0	16.54	16.61	16.60	16.41	16.48		

Band 41_Ant 1

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	2543.5	2593	2636.5	2680		
20	QPSK	1	0	17.37	17.35	17.63	17.36	17.44	18.5	0
20	QPSK	1	49	17.41	17.41	17.29	17.28	17.2		
20	QPSK	1	99	17.28	17.41	17.06	17.14	17.32		
20	QPSK	50	0	17.44	17.58	17.57	17.23	17.21		
20	QPSK	50	24	17.56	17.55	17.34	17.26	17.3	18.5	0
20	QPSK	50	50	17.47	17.47	17.18	17.33	17.26		
20	QPSK	100	0	17.55	17.53	17.56	17.26	17.25		
20	16QAM	1	0	17.31	17.34	17.24	17.4	17.35		
20	16QAM	1	49	17.22	17.41	17.39	17.21	17.17	18.5	0
20	16QAM	1	99	17.12	17.03	17.05	17.35	17.15		
20	16QAM	50	0	17.43	17.4	17.24	17.33	17.22		
20	16QAM	50	24	17.62	17.44	17.41	17.32	17.32	18.5	0
20	16QAM	50	50	17.58	17.41	17.33	17.31	17.3		
20	16QAM	100	0	17.52	17.55	17.36	17.27	17.28		
20	64QAM	1	0	17.12	17.08	17.26	17.29	17.07	18.5	0
20	64QAM	1	49	17.61	16.96	17.32	17.07	16.99		
20	64QAM	1	99	17.04	17.53	17.43	17.58	17.02		
20	64QAM	50	0	17.45	17.36	17.3	17.26	17.38	18.5	0
20	64QAM	50	24	17.41	17.43	17.3	17.36	17.25		
20	64QAM	50	50	17.51	17.54	17.42	17.37	17.33		
20	64QAM	100	0	17.51	17.49	17.36	17.26	17.29		
20	256QAM	1	0	17.53	17.43	17.62	17.47	17.59	18.5	0
20	256QAM	1	49	17.35	17.38	17.56	17.41	17.56		
20	256QAM	1	99	17.47	17.29	17.50	17.33	17.47		
20	256QAM	50	0	17.52	17.38	17.62	17.55	17.58	18.5	0
20	256QAM	50	24	17.58	17.44	17.32	17.54	17.58		
20	256QAM	50	50	17.55	17.36	17.56	17.47	17.57		
20	256QAM	100	0	17.54	17.42	17.23	17.54	17.54		
Channel				39725	40173	40620	41068	41515	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593	2637.8	2682.5		
15	QPSK	1	0	17.33	17.26	17.6	17.24	17.35	18.50	0
15	QPSK	1	37	17.39	17.3	17.18	17.24	17.15		
15	QPSK	1	74	17.2	17.32	16.95	17.03	17.3		
15	QPSK	36	0	17.35	17.47	17.5	17.13	17.16	18.5	0
15	QPSK	36	20	17.53	17.51	17.31	17.15	17.22		
15	QPSK	36	39	17.42	17.45	17.13	17.22	17.16		
15	QPSK	75	0	17.53	17.5	17.53	17.24	17.2		
15	16QAM	1	0	17.27	17.22	17.22	17.38	17.23	18.5	0
15	16QAM	1	37	17.18	17.32	17.37	17.15	17.12		
15	16QAM	1	74	17.07	16.91	17.03	17.24	17.11		
15	16QAM	36	0	17.33	17.31	17.17	17.28	17.15	18.5	0
15	16QAM	36	20	17.6	17.32	17.31	17.26	17.23		
15	16QAM	36	39	17.46	17.32	17.29	17.19	17.27		
15	16QAM	75	0	17.46	17.52	17.28	17.18	17.15		
15	64QAM	1	0	17.1	16.99	17.16	17.18	16.95	18.5	0
15	64QAM	1	37	17.59	16.92	17.27	16.99	16.96		
15	64QAM	1	74	17	17.45	17.32	17.49	16.99		
15	64QAM	36	0	17.4	17.29	17.23	17.22	17.29	18.5	0
15	64QAM	36	20	17.36	17.34	17.22	17.33	17.13		
15	64QAM	36	39	17.46	17.42	17.39	17.33	17.26		
15	64QAM	75	0	17.45	17.38	17.27	17.23	17.22		
15	256QAM	1	0	17.42	17.34	17.59	17.37	17.55	18.5	0
15	256QAM	1	37	17.31	17.27	17.51	17.39	17.51		
15	256QAM	1	74	17.42	17.20	17.42	17.29	17.36		
15	256QAM	36	0	17.40	17.35	17.51	17.52	17.49	18.5	0
15	256QAM	36	20	17.56	17.42	17.25	17.47	17.47		
15	256QAM	36	39	17.45	17.33	17.49	17.39	17.50		
15	256QAM	75	0	17.45	17.32	17.12	17.44	17.44		
Channel				39700	40160	40620	41080	41540	Tune-up limit (mBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.35	17.29	17.57	17.33	17.36	18.50	0
10	QPSK	1	25	17.32	17.34	17.19	17.23	17.08		
10	QPSK	1	49	17.24	17.37	16.95	17.07	17.24		
10	QPSK	25	0	17.35	17.49	17.52	17.2	17.14	18.5	0
10	QPSK	25	12	17.51	17.45	17.32	17.2	17.2		
10	QPSK	25	25	17.45	17.38	17.07	17.23	17.24		
10	QPSK	50	0	17.51	17.51	17.45	17.14	17.14		
10	16QAM	1	0	17.19	17.3	17.18	17.31	17.29	18.5	0
10	16QAM	1	25	17.16	17.36	17.18	17.17	17.08		
10	16QAM	1	49	17.09	17.01	17.02	17.23	17.09		
10	16QAM	25	0	17.32	17.34	17.13	17.23	17.18	18.5	0
10	16QAM	25	12	17.58	17.34	17.34	17.21	17.26		
10	16QAM	25	25	17.48	17.29	17.21	17.22	17.25		
10	16QAM	50	0	17.43	17.52	17.33	17.23	17.24	18.5	0
10	64QAM	1	0	17.09	17.06	17.16	17.18	17.04		
10	64QAM	1	25	17.5	16.89	17.29	17.04	16.97		
10	64QAM	1	49	16.94	17.47	17.39	17.49	16.94

Band 41_Ant 2

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	21.51	21.74	22.07	21.81	21.66		
20	QPSK	1	49	21.58	21.93	21.48	21.59	21.74	23	0
20	QPSK	1	99	21.29	21.67	21.5	21.47	21.52		
20	QPSK	50	0	21.51	21.91	21.99	21.66	21.78		
20	QPSK	50	24	21.56	21.9	21.76	21.87	21.77	23	0
20	QPSK	50	50	21.6	21.93	21.72	21.83	21.74		
20	QPSK	100	0	21.64	21.83	21.85	21.69	21.72		
20	16QAM	1	0	21.46	21.76	21.33	21.97	22		
20	16QAM	1	49	21.56	21.59	21.9	21.8	21.71	23	0
20	16QAM	1	99	21.24	21.66	21.94	21.53	21.7		
20	16QAM	50	0	21.53	21.86	21.75	21.78	21.84		
20	16QAM	50	24	21.73	22.05	21.74	21.82	21.75	23	0
20	16QAM	50	50	21.46	22.01	21.84	21.75	21.78		
20	16QAM	100	0	21.54	21.87	21.82	21.84	21.84		
20	64QAM	1	0	21.37	21.82	21.87	21.79	21.93		
20	64QAM	1	49	21.72	21.82	21.62	21.39	21.55	23	0
20	64QAM	1	99	21.45	21.61	21.62	21.51	21.2		
20	64QAM	50	0	21	21.46	21.11	21.3	21.29		
20	64QAM	50	24	20.97	21.47	21.02	21.22	21.28	22.5	0.5
20	64QAM	50	50	21.14	21.3	21.3	21.18	21.21		
20	64QAM	100	0	21	21.36	21.3	21.28	21.22		
20	256QAM	1	0	19.49	19.58	19.69	19.64	19.55		
20	256QAM	1	49	19.04	19.22	19.50	19.19	19.27	20.5	2.5
20	256QAM	1	99	19.39	19.32	19.50	19.39	19.47		
20	256QAM	50	0	19.49	19.40	19.53	19.39	19.39		
20	256QAM	50	24	19.47	19.57	19.67	19.57	19.45	20.5	2.5
20	256QAM	50	50	19.29	19.52	19.43	19.38	19.46		
20	256QAM	100	0	19.64	19.55	19.48	19.53	19.42		
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	21.45	21.69	22.05	21.73	21.64	23.00	0
15	QPSK	1	37	21.48	21.88	21.41	21.52	21.62		
15	QPSK	1	74	21.25	21.57	21.43	21.45	21.44		
15	QPSK	36	0	21.47	21.79	21.93	21.56	21.7	23	0
15	QPSK	36	20	21.51	21.84	21.64	21.74	21.71		
15	QPSK	36	39	21.58	21.87	21.59	21.76	21.64		
15	QPSK	75	0	21.6	21.8	21.81	21.59	21.61		
15	16QAM	1	0	21.44	21.64	21.22	21.94	21.9		
15	16QAM	1	37	21.45	21.48	21.87	21.78	21.83	23	0
15	16QAM	1	74	21.14	21.5	21.88	21.46	21.65		
15	16QAM	36	0	21.4	21.75	21.65	21.73	21.71		
15	16QAM	36	20	21.62	21.92	21.65	21.73	21.62	23	0
15	16QAM	36	39	21.36	21.9	21.8	21.73	21.68		
15	16QAM	75	0	21.41	21.78	21.72	21.79	21.75		
15	64QAM	1	0	21.31	21.72	21.76	21.77	21.91		
15	64QAM	1	37	21.62	21.70	21.55	21.32	21.43	23	0
15	64QAM	1	74	21.33	21.58	21.51	21.47	21.17		
15	64QAM	36	0	20.88	21.44	21.03	21.26	21.24		
15	64QAM	36	20	20.91	21.35	20.99	21.14	21.15	22.5	0.5
15	64QAM	36	39	21.09	21.25	21.27	21.06	21.12		
15	64QAM	75	0	20.87	21.26	21.23	21.22	21.20		
15	256QAM	1	0	19.37	19.54	19.56	19.52	19.51		
15	256QAM	1	37	18.98	19.10	19.38	19.06	19.19	20.5	2.5
15	256QAM	1	74	19.28	19.30	19.40	19.34	19.44		
15	256QAM	36	0	19.43	19.27	19.48	19.29	19.36		
15	256QAM	36	20	19.34	19.48	19.54	19.54	19.38	20.5	2.5
15	256QAM	36	39	19.26	19.48	19.36	19.31	19.38		
15	256QAM	75	0	19.61	19.45	19.43	19.51	19.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.42	21.69	22.05	21.68	21.57	23.00	0
10	QPSK	1	25	21.54	21.8	21.36	21.56	21.68		
10	QPSK	1	49	21.2	21.64	21.47	21.4	21.47		
10	QPSK	25	0	21.38	21.89	21.92	21.64	21.68		
10	QPSK	25	12	21.5	21.88	21.7	21.75	21.65	23	0
10	QPSK	25	25	21.57	21.83	21.67	21.7	21.7		
10	QPSK	50	0	21.51	21.81	21.83	21.59	21.64		
10	16QAM	1	0	21.41	21.65	21.21	21.93	21.92		
10	16QAM	1	25	21.53	21.81	21.84	21.68	21.63	23	0
10	16QAM	1	49	21.11	21.52	21.9	21.47	21.63		
10	16QAM	25	0	21.44	21.77	21.88	21.76	21.81		
10	16QAM	25	12	21.61	22	21.64	21.7	21.7	23	0
10	16QAM	25	25	21.35	21.97	21.8	21.73	21.71		
10	16QAM	50	0	21.46	21.85	21.69	21.78	21.77		
10	64QAM	1	0	21.31	21.71	21.85	21.76	21.81		
10	64QAM	1	25	21.67	21.78	21.52	21.33	21.47	23	0
10	64QAM	1	49	21.37	21.56	21.52	21.45	21.08		
10	64QAM	25	0	20.95	21.39	20.99	21.20	21.17		
10	64QAM	25	12	20.88	21.35	20.95	21.11	21.19	22.5	0.5
10	64QAM	25	25	21.06	21.25	21.26	21.07	21.10		
10	64QAM	50	0	20.94	21.27	21.21	21.18	21.09		
10	256QAM	1	0	19.38	19.48	19.66	19.61	19.52		
10	256QAM	1	25	18.92	19.12	19.38	19.06	19.25	20.5	2.5
10	256QAM	1	49	19.33	19.29	19.38	19.35	19.40		
10	256QAM	25	0	19.42	19.33	19.42	19.37	19.34		
10	256QAM	25	12	19.43	19.51	19.65	19.44	19.35	20.5	2.5
10	256QAM	25	25	19.25	19.44	19.38	19.27	19.43		
10	256QAM	50	0	19.54	19.45	19.41	19.49	19.29		
Channel				39675	40145	40620	41095	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.38	21.67	22.01	21.69	21.53	23.00	0
5	QPSK	1	12	21.47	21.9	21.37	21.48	21.62		
5	QPSK	1	24	21.23	21.59	21.37	21.36	21.4		
5	QPSK	12	0	21.45	21.8	21.86	21.6	21.73		
5	QPSK	12	7	21.47	21.83	21.69	21.76	21.72	23	0
5	QPSK	12	13	21.57	21.87	21.83	21.79	21.7		
5	QPSK	25	0	21.54	21.76	21.73	21.57	21.65		
5	16QAM	1	0	21.39	21.7	21.25	21.86	21.92		
5	16QAM	1	12	21.45	21.49	21.79	21.78	21.64	23	0
5	16QAM	1	24	21.17	21.54	21.81	21.43	21.57		
5	16QAM	12	0	21.49	21.79	21.68	21.72	21.76		
5	16QAM	12	7	21.66	21.93	21.67	21.71	21.72	23	0
5	16QAM	12	13	21.4	21.88	21.81	21.73	21.7		
5	16QAM	25	0	21.5	21.8	21.72	21.72	21.81		
5	64QAM	1	0	21.33	21.75	21.82	21.75	21.91		
5	64QAM	1	12	21.64	21.77	21.53	21.29	21.43	23	0
5	64QAM	1	24	21.41	21.53	21.50	21.48	21.13		
5	64QAM	12	0	20.96	21.41	20.99	21.17	21.16		
5	64QAM	12	7	20.88	21.34	20.95	21.11	21.20	22.5	0.5
5	64QAM	12	13	21.11	21.18	21.22	21.05	21.11		
5	64QAM	25	0	20.98	21.28	21.18	21.18	21.12		
5	256QAM	1	0	19.43	19.52	19.59	19.53	19.48		
5	256QAM	1	12	19.01	19.12	19.48	19.06	19.18	20.5	2.5
5	256QAM	1	24	19.31	19.26	19.48	19.32	19.39		
5	256QAM	12	0	19.41	19.38	19.51	19.30	19.26		
5	256QAM	12	7	19.41	19.51	19.64	19.51	19.41	20.5	2.5
5	256QAM	12	13	19.19	19.41	19.31	19.28	19.43		
5	256QAM	25	0	19.56	19.48	19.35	19.49	19.35		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.59	20.77	20.71	20.55		
20	QPSK	1	49	20.41	20.67	20.68	20.76	20.55	22	0
20	QPSK	1	99	20.45	20.57	20.68	20.76	20.54		
20	QPSK	50	0	20.41	20.65	20.75	20.74	20.52		
20	QPSK	50	24	20.50	20.62	20.73	20.67	20.51	22	0
20	QPSK	50	50	20.43	20.65	20.70	20.72	20.52		
20	QPSK	100	0	20.47	20.62	20.71	20.70	20.47		
20	16QAM	1	0	20.44	20.63	20.69	20.69	20.53		
20	16QAM	1	49	20.44	20.60	20.75	20.68	20.47	22	0
20	16QAM	1	99	20.43	20.67	20.72	20.74	20.54		
20	16QAM	50	0	20.43	20.60	20.74	20.71	20.47		
20	16QAM	50	24	20.45	20.59	20.70	20.68	20.47	22	0
20	16QAM	50	50	20.42	20.61	20.75	20.69	20.47		
20	16QAM	100	0	20.51	20.58	20.72	20.69	20.50		
20	64QAM	1	0	20.45	20.61	20.73	20.73	20.46		
20	64QAM	1	49	20.46	20.63	20.75	20.72	20.45	22	0
20	64QAM	1	99	20.43	20.67	20.76	20.74	20.48		
20	64QAM	50	0	20.49	20.67	20.68	20.70	20.45		
20	64QAM	50	24	20.45	20.58	20.68	20.70	20.50	22	0
20	64QAM	50	50	20.50	20.62	20.70	20.72	20.48		
20	64QAM	100	0	20.43	20.59	20.75	20.70	20.53		
20	256QAM	1	0	18.85	19.08	19.20	19.15	18.94		
20	256QAM	1	49	18.90	19.17	19.21	19.11	18.94	20.5	1.5
20	256QAM	1	99	18.87	19.05	19.24	19.21	19.00		
20	256QAM	50	0	18.88	19.07	19.19	19.10	19.02		
20	256QAM	50	24	18.80	19.00	19.26	19.20	19.00	20.5	1.5
20	256QAM	50	50	18.91	19.09	19.32	19.22	18.94		
20	256QAM	100	0	18.91	18.96	19.19	19.10	18.90		
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	20.40	20.52	20.74	20.60	20.50	22.00	0
15	QPSK	1	37	20.32	20.60	20.68	20.72	20.52		
15	QPSK	1	74	20.40	20.54	20.64	20.64	20.43		
15	QPSK	36	0	20.31	20.54	20.63	20.64	20.47		
15	QPSK	36	20	20.40	20.54	20.64	20.64	20.42	22	0
15	QPSK	36	39	20.39	20.54	20.65	20.60	20.41		
15	QPSK	75	0	20.35	20.51	20.66	20.68	20.45		
15	16QAM	1	0	20.36	20.59	20.63	20.58	20.43		
15	16QAM	1	37	20.39	20.49	20.72	20.66	20.37	22	0
15	16QAM	1	74	20.41	20.56	20.68	20.65	20.47		
15	16QAM	36	0	20.31	20.51	20.65	20.62	20.38		
15	16QAM	36	20	20.33	20.53	20.66	20.62	20.44	22	0
15	16QAM	36	39	20.40	20.50	20.71	20.64	20.39		
15	16QAM	75	0	20.46	20.52	20.62	20.63	20.41		
15	64QAM	1	0	20.37	20.59	20.67	20.63	20.41		
15	64QAM	1	37	20.44	20.61	20.68	20.60	20.34	22	0
15	64QAM	1	74	20.31	20.58	20.66	20.62	20.44		
15	64QAM	36	0	20.46	20.63	20.65	20.66	20.42		
15	64QAM	36	20	20.36	20.49	20.57	20.62	20.44	22	0
15	64QAM	36	39	20.40	20.54	20.62	20.63	20.43		
15	64QAM	75	0	20.40	20.51	20.64	20.65	20.43		
15	256QAM	1	0	18.76	19.05	19.09	19.06	18.89		
15	256QAM	1	37	18.80	19.12	19.12	19.07	18.84	20.5	1.5
15	256QAM	1	74	18.79	18.96	19.12	19.19	18.98		
15	256QAM	36	0	18.86	19.01	19.14	19.06	18.94		
15	256QAM	36	20	18.74	18.95	19.22	19.09	18.97	20.5	1.5
15	256QAM	36	39	18.84	19.06	19.20	19.13	18.84		
15	256QAM	75	0	18.83	18.97	19.07	19.07	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.42	20.48	20.72	20.61	20.48	22.00	0
10	QPSK	1	25	20.29	20.58	20.61	20.72	20.49		
10	QPSK	1	49	20.40	20.55	20.59	20.70	20.50		
10	QPSK	25	0	20.36	20.57	20.66	20.71	20.45		
10	QPSK	25	12	20.45	20.52	20.61	20.58	20.48	22	0
10	QPSK	25	25	20.36	20.54	20.65	20.67	20.47		
10	QPSK	50	0	20.39	20.56	20.64	20.67	20.35		
10	16QAM	1	0	20.35	20.55	20.64	20.58	20.46		
10	16QAM	1	25	20.37	20.52	20.68	20.65	20.38	22	0
10	16QAM	1	49	20.38	20.65	20.61	20.72	20.45		
10	16QAM	25	0	20.34	20.51	20.64	20.61	20.39		
10	16QAM	25	12	20.41	20.57	20.68	20.62	20.46	22	0
10	16QAM	25	25	20.38	20.51	20.72	20.65	20.44		
10	16QAM	50	0	20.42	20.56	20.61	20.64	20.45		
10	64QAM	1	0	20.36	20.58	20.61	20.66	20.34		
10	64QAM	1	25	20.39	20.60	20.65	20.65	20.38	22	0
10	64QAM	1	49	20.31	20.65	20.67	20.63	20.46		
10	64QAM	25	0	20.37	20.59	20.57	20.68	20.37		
10	64QAM	25	12	20.40	20.49	20.63	20.63	20.46	22	0
10	64QAM	25	25	20.39	20.58	20.60	20.68	20.42		
10	64QAM	50	0	20.36	20.53	20.63	20.61	20.50		
10	256QAM	1	0	18.76	19.05	19.12	19.03	18.83		
10	256QAM	1	25	18.78	19.14	19.16	19.04	18.87	20.5	1.5
10	256QAM	1	49	18.82	19.02	19.22	19.17	18.89		
10	256QAM	25	0	18.79	19.00	19.09	19.08	18.98		
10	256QAM	25	12	18.73	18.98	19.16	19.14	18.91	20.5	1.5
10	256QAM	25	25	18.82	19.04	19.26	19.13	18.92		
10	256QAM	50	0	18.88	18.87	19.10	19.01	18.78		
Channel				39675	40145	40620	41095	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.39	20.54	20.66	20.61	20.52	22.00	0
5	QPSK	1	12	20.39	20.57	20.64	20.67	20.43		
5	QPSK	1	24	20.41	20.45	20.63	20.66	20.52		
5	QPSK	12	0	20.34	20.53	20.63	20.72	20.44		
5	QPSK	12	7	20.38	20.56	20.65	20.58	20.44	22	0
5	QPSK	12	13	20.35	20.63	20.67	20.63	20.47		
5	QPSK	25	0	20.45	20.57	20.60	20.64	20.43		
5	16QAM	1	0	20.35	20.55	20.58	20.62	20.42		
5	16QAM	1	12	20.42	20.55	20.65	20.66	20.41	22	0
5	16QAM	1	24	20.40	20.59	20.61	20.71	20.42		
5	16QAM	12	0	20.39	20.48	20.71	20.69	20.37		
5	16QAM	12	7	20.39	20.47	20.63	20.63	20.38	22	0
5	16QAM	12	13	20.40	20.52	20.66	20.65	20.37		
5	16QAM	25	0	20.45	20.47	20.67	20.64	20.48		
5	64QAM	1	0	20.42	20.55	20.62	20.61	20.33		
5	64QAM	1	12	20.35	20.61	20.68	20.68	20.43	22	0
5	64QAM	1	24	20.36	20.64	20.65	20.72	20.39		
5	64QAM	12	0	20.47	20.60	20.57	20.60	20.34		
5	64QAM	12	7	20.41	20.49	20.66	20.62	20.45	22	0
5	64QAM	12	13	20.43	20.57	20.68	20.60	20.39		
5	64QAM	25	0	20.36	20.55	20.63	20.67	20.49		
5	256QAM	1	0	18.78	18.99	19.13	19.13	18.91		
5	256QAM	1	12	18.84	19.11	19.19	19.01	18.90	20.5	1.5
5	256QAM	1	24	18.82	18.97	19.14	19.14	18.91		
5	256QAM	12	0	18.79	18.99	19.08	18.98	18.98		
5	256QAM	12	7	18.77	18.97	19.15	19.12	18.91	20.5	1.5
5	256QAM	12	13	18.86	19.02	19.28	19.19	18.92		
5	256QAM	25	0	18.80	18.94	19.15	19.04	18.80		

Default Power for CA&EN-DC LTE Other PA

Band 4_Ant 0

BW [MHz]	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	22.78	23.03	22.73		
20	QPSK	1	49	22.68	22.97	22.66	24.5	0
20	QPSK	1	99	22.62	22.89	22.61		
20	QPSK	50	0	22.17	22.28	22.19		
20	QPSK	50	24	22.14	22.23	22.15	23.5	1
20	QPSK	50	50	22.11	22.27	22.08		
20	QPSK	100	0	22.20	22.23	22.16		
20	16QAM	1	0	22.00	22.08	21.98		
20	16QAM	1	49	22.19	22.23	22.15	23.5	1
20	16QAM	1	99	22.06	22.13	22.06		
20	16QAM	50	0	21.18	21.25	21.19		
20	16QAM	50	24	21.18	21.23	21.20	22.5	2
20	16QAM	50	50	21.11	21.15	21.10		
20	16QAM	100	0	21.14	21.18	21.10		
20	64QAM	1	0	21.34	21.40	21.36		
20	64QAM	1	49	21.30	21.38	21.32	22.5	2
20	64QAM	1	99	21.22	21.32	21.23		
20	64QAM	50	0	20.15	20.21	20.16		
20	64QAM	50	24	20.18	20.26	20.16	21.5	3
20	64QAM	50	50	20.11	20.18	20.13		
20	64QAM	100	0	20.14	20.20	20.15		
20	256QAM	1	0	18.25	18.33	18.29		
20	256QAM	1	49	18.17	18.25	18.16	19.5	5
20	256QAM	1	99	18.20	18.27	18.19		
20	256QAM	50	0	18.13	18.16	18.11		
20	256QAM	50	24	18.05	18.13	18.05	19.5	5
20	256QAM	50	50	18.00	18.09	18.05		
20	256QAM	100	0	18.05	18.15	18.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.66			
15	QPSK	1	37	22.59	22.87	22.60	24.5	0
15	QPSK	1	74	22.55	22.83	22.56		
15	QPSK	36	0	22.09	22.20	22.14		
15	QPSK	36	20	22.07	22.16	22.06	23.5	1
15	QPSK	36	39	22.05	22.18	22.01		
15	QPSK	75	0	22.14	22.17	22.08		
15	16QAM	1	0	21.90	22.00	21.89		
15	16QAM	1	37	22.14	22.17	22.08	23.5	1
15	16QAM	1	74	21.96	22.06	21.97		
15	16QAM	36	0	21.12	21.19	21.12		
15	16QAM	36	20	21.11	21.15	21.15	22.5	2
15	16QAM	36	39	21.02	21.07	21.03		
15	16QAM	75	0	21.06	21.09	21.02		
15	64QAM	1	0	21.25	21.37	21.32		
15	64QAM	1	37	21.24	21.35	21.22	22.5	2
15	64QAM	1	74	21.14	21.24	21.13		
15	64QAM	36	0	20.10	20.13	20.06		
15	64QAM	36	20	20.11	20.16	20.09	21.5	3
15	64QAM	36	39	20.05	20.09	20.04		
15	64QAM	75	0	20.09	20.10	20.09		
15	256QAM	1	0	18.20	18.28	18.23		
15	256QAM	1	37	18.09	18.19	18.09	19.5	5
15	256QAM	1	74	18.15	18.19	18.14		
15	256QAM	36	0	18.05	18.08	18.05		
15	256QAM	36	20	17.95	18.07	17.95	19.5	5
15	256QAM	36	39	17.95	18.01	17.97		
15	256QAM	75	0	18.00	18.06	18.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.93	22.63		
10	QPSK	1	25	22.58	22.87	22.60	24.5	0
10	QPSK	1	49	22.57	22.79	22.54		
10	QPSK	25	0	22.08	22.23	22.11		
10	QPSK	25	12	22.04	22.13	22.06	23.5	1
10	QPSK	25	25	22.04	22.19	22.00		
10	QPSK	50	0	22.11	22.15	22.07		
10	16QAM	1	0	21.92	21.99	21.91		
10	16QAM	1	25	22.13	22.15	22.05	23.5	1
10	16QAM	1	49	21.96	22.03	21.97		
10	16QAM	25	0	21.13	21.19	21.12		
10	16QAM	25	12	21.11	21.17	21.14	22.5	2
10	16QAM	25	25	21.05	21.07	21.05		
10	16QAM	50	0	21.06	21.10	21.05		
10	64QAM	1	0	21.28	21.36	21.31		
10	64QAM	1	25	21.20	21.28	21.26	22.5	2
10	64QAM	1	49	21.16	21.22	21.18		
10	64QAM	25	0	20.06	20.12	20.11		
10	64QAM	25	12	20.13	20.16	20.08	21.5	3
10	64QAM	25	25	20.02	20.13	20.04		
10	64QAM	50	0	20.04	20.10	20.10		
10	256QAM	1	0	18.17	18.27	18.22		
10	256QAM	1	25	18.08	18.16	18.09	19.5	5
10	256QAM	1	49	18.12	18.22	18.10		
10	256QAM	25	0	18.08	18.08	18.02		
10	256QAM	25	12	17.97	18.05	17.99	19.5	5
10	256QAM	25	25	17.94	17.96	17.96		
10	256QAM	50	0	17.97	18.09	18.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.68	22.94	22.65		
5	QPSK	1	12	22.61	22.88	22.58	24.5	0
5	QPSK	1	24	22.53	22.8	22.53		
5	QPSK	12	0	22.1	22.2	22.11		
5	QPSK	12	7	22.08	22.18	22.06	23.5	1
5	QPSK	12	13	22.04	22.17	21.98		
5	QPSK	25	0	22.1	22.17	22.08		
5	16QAM	1	0	21.92	22.03	21.93		
5	16QAM	1	12	22.11	22.15	22.09	23.5	1
5	16QAM	1	24	22.01	22.07	21.99		
5	16QAM	12	0	21.08	21.16	21.1		
5	16QAM	12	7	21.12	21.18	21.11	22.5	2
5	16QAM	12	13	21.03	21.05	21.03		
5	16QAM	25	0	21.05	21.11	21.04		
5	64QAM	1	0	21.26	21.38	21.31		
5	64QAM	1	12	21.24	21.3	21.23	22.5	2
5	64QAM	1	24	21.13	21.22	21.14		
5	64QAM	12	0	20.09	20.15	20.09		
5	64QAM	12	7	20.12	20.16	20.1	21.5	3
5	64QAM	12	13	20.05	20.08	20.05		
5	64QAM	25	0	20.07	20.12	20.09		
5	256QAM	1	0	18.19	18.24	18.19		
5	256QAM	1	12	18.11	18.19	18.10	19.5	5
5	256QAM	1	24	18.10	18.21	18.12		
5	256QAM	12	0	18.06	18.07	18.03		
5	256QAM	12	7	18.00	18.07	17.97	19.5	5
5	256QAM	12	13	17.93	17.99	17.97		
5	256QAM	25	0	17.99	18.09	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.70	22.93	22.64		
3	QPSK	1	8	22.63	22.90	22.56	24.5	0
3	QPSK	1	14	22.56	22.82	22.53		
3	QPSK	8	0	22.07	22.19	22.11		
3	QPSK	8	4	22.09	22.13	22.10	23.5	1
3	QPSK	8	7	22.03	22.20	21.99		
3	QPSK	15	0	22.15	22.14	22.08		
3	16QAM	1	0	21.95	22.01	21.90		
3	16QAM	1	8	22.10	22.14	22.05	23.5	1
3	16QAM	1	14	21.98	22.03	22.01		
3	16QAM	8	0	21.09	21.19	21.09		
3	16QAM	8	4	21.08	21.18	21.10	22.5	2
3	16QAM	8	7	21.05	21.06	21.05		
3	16QAM	15	0	21.05	21.12	21.00		
3	64QAM	1	0	21.25	21.36	21.29		
3	64QAM	1	8	21.23	21.33	21.23	22.5	2
3	64QAM	1	14	21.12	21.25	21.13		
3	64QAM	8	0	20.05	20.13	20.11		
3	64QAM	8	4	20.13	20.19	20.10	21.5	3
3	64QAM	8	7	20.02	20.12	20.03		
3	64QAM	15	0	20.06	20.12	20.10		
3	256QAM	1	0	18.15	18.24	18.19		
3	256QAM	1	8	18.08	18.17	18.05	19.5	5
3	256QAM	1	14	18.15	18.18	18.11		
3	256QAM	8	0	18.06	18.08	18.06		
3	256QAM	8	4	18.00	18.05	17.99	19.5	5
3	256QAM	8	7	17.94	18.02	17.99		
3	256QAM	15	0	17.96	18.06	18.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.69	22.94	22.63		
1.4	QPSK	1	3	22.59	22.92	22.56		
1.4	QPSK	1	5	22.52	22.81	22.54	24.5	0
1.4	QPSK	3	0	22.07	22.21	22.13		
1.4	QPSK	3	1	22.07	22.17	22.09		
1.4	QPSK	3	3	22.05	22.18	21.98		
1.4	QPSK	6	0	22.11	22.17	22.06	23.5	1
1.4	16QAM	1	0	21.93	21.98	21.89		
1.4	16QAM	1	3	22.11	22.18	22.10		
1.4	16QAM	1	5	22.00	22.03	21.97	23.5	1
1.4	16QAM	3	0	21.12	21.19	21.14		
1.4	16QAM	3	1	21.12	21.15	21.10		
1.4	16QAM	3	3	21.04	21.09	21.05		
1.4	16QAM	6	0	21.09	21.10	21.05	22.5	2
1.4	64QAM	1	0	21.28	21.34	21.30		
1.4	64QAM	1	3	21.23	21.28	21.27		
1.4	64QAM	1	5	21.14	21.22	21.13	22.5	2
1.4	64QAM	3	0	20.08	20.14	20.10		
1.4	64QAM	3	1	20.09	20.16	20.07		
1.4	64QAM	3	3	20.01	20.12	20.03		
1.4	64QAM	6	0	20.05	20.14	20.07	21.5	3
1.4	256QAM	1	0	18.20	18.25	18.24		
1.4	256QAM	1	3	18.10	18.18	18.09		
1.4	256QAM	1	5	18.11	18.19	18.12	19.5	5
1.4	256QAM	3	0	18.05	18.06	18.04		
1.4	256QAM	3	1	17.96	18.03	17.99		
1.4	256QAM	3	3	17.91	18.01	17.99		
1.4	256QAM	6	0	17.96	18.08	18.02	19.5	5

Band 4_Ant 1

BW [MHz]	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	24.13	24.15	24.12		
20	QPSK	1	49	24.03	23.95	24.01	25	0
20	QPSK	1	99	23.93	23.96	23.96		
20	QPSK	50	0	23.57	23.27	23.12		
20	QPSK	50	24	23.05	23.22	23.09	24	1
20	QPSK	50	50	23.08	23.20	23.11		
20	QPSK	100	0	23.15	23.18	23.14		
20	16QAM	1	0	23.01	23.06	23.01		
20	16QAM	1	49	22.91	23.01	22.93	24	1
20	16QAM	1	99	22.89	22.95	22.88		
20	16QAM	50	0	22.10	22.14	22.07		
20	16QAM	50	24	22.07	22.10	22.06	23	2
20	16QAM	50	50	22.02	22.06	21.96		
20	16QAM	100	0	21.93	22.03	22.00		
20	64QAM	1	0	22.25	22.14	22.25		
20	64QAM	1	49	22.16	22.26	22.21	23	2
20	64QAM	1	99	22.18	22.21	22.13		
20	64QAM	50	0	21.05	21.11	21.01		
20	64QAM	50	24	20.99	21.06	21.00	22	3
20	64QAM	50	50	21.02	21.06	21.03		
20	64QAM	100	0	21.00	21.05	21.01		
20	256QAM	1	0	19.10	19.17	19.12		
20	256QAM	1	49	19.06	19.14	19.06	20	5
20	256QAM	1	99	19.01	19.09	19.01		
20	256QAM	50	0	19.04	19.11	19.02		
20	256QAM	50	24	18.97	19.05	18.96	20	5
20	256QAM	50	50	19.05	19.13	19.10		
20	256QAM	100	0	19.08	19.16	19.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.07	24.06	24.07		
15	QPSK	1	37	23.93	23.88	23.95	25	0
15	QPSK	1	74	23.86	23.87	23.88		
15	QPSK	36	0	23.03	23.22	23.02		
15	QPSK	36	20	22.99	23.16	23.04	24	1
15	QPSK	36	39	23.00	23.12	23.01		
15	QPSK	75	0	23.07	23.11	23.08		
15	16QAM	1	0	22.90	22.96	22.89		
15	16QAM	1	37	22.84	22.93	22.88	24	1
15	16QAM	1	74	22.83	22.89	22.81		
15	16QAM	36	0	22.04	22.08	21.97		
15	16QAM	36	20	21.99	22.04	21.90	23	2
15	16QAM	36	39	21.92	21.99	21.91		
15	16QAM	75	0	21.88	21.98	21.93		
15	64QAM	1	0	22.19	22.20	22.15		
15	64QAM	1	37	22.10	22.12	22.14	23	2
15	64QAM	1	74	22.11	22.12	22.05		
15	64QAM	36	0	20.97	21.06	20.92		
15	64QAM	36	20	20.87	20.97	20.95	22	3
15	64QAM	36	39	20.95	20.96	20.97		
15	64QAM	75	0	20.90	21.00	20.96		
15	256QAM	1	0	19.01	19.10	19.06		
15	256QAM	1	37	18.90	19.08	19.01	20	5
15	256QAM	1	74	18.95	19.02	18.96		
15	256QAM	36	0	18.96	19.05	18.96		
15	256QAM	36	20	18.87	18.99	18.86	20	5
15	256QAM	36	39	18.95	19.03	19.01		
15	256QAM	75	0	18.98	19.08	19.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.07	24.06	24.07		
10	QPSK	1	25	23.95	23.90	23.94	25	0
10	QPSK	1	49	23.83	23.90	23.90		
10	QPSK	25	0	23.02	23.20	23.07		
10	QPSK	25	12	22.98	23.17	22.99	24	1
10	QPSK	25	25	22.98	23.13	23.03		
10	QPSK	50	0	23.10	23.08	23.09		
10	16QAM	1	0	22.91	23.01	22.91		
10	16QAM	1	25	22.81	22.95	22.85	24	1
10	16QAM	1	49	22.81	22.86	22.82		
10	16QAM	25	0	22.04	22.04	21.99		
10	16QAM	25	12	22.02	22.02	21.94	23	2
10	16QAM	25	25	21.92	21.99	21.87		
10	64QAM	1	0	21.88	21.98	21.94		
10	64QAM	1	25	22.16	22.20	22.18		
10	64QAM	1	49	22.02	22.13	22.03	23	2
10	64QAM	25	12	22.12	22.15	22.03		
10	64QAM	25	0	21.00	21.02	20.92		
10	64QAM	25	12	20.90	20.97	20.91	22	3
10	64QAM	25	25	20.90	21.00	20.96		
10	64QAM	50	0	20.94	20.98	20.91		
10	256QAM	1	0	19.04	19.07	19.07		
10	256QAM	1	25	18.97	19.04	19.01	20	5
10	256QAM	1	49	18.91	18.96	18.96		
10	256QAM	25	0	18.95	19.04	18.92		
10	256QAM	25	12	18.87	18.96	18.88	20	5
10	256QAM	25	25	18.90	19.04	19.02		
10	256QAM	50	0	19.00	19.09	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.05	24.07	24.07		
5	QPSK	1	12	23.96	24.01	24.00	25	0
5	QPSK	1	24	23.87	23.87	23.89		
5	QPSK	12	0	23.03	23.17	23.03		
5	QPSK	12	7	23.00	23.16	23.01	24	1
5	QPSK	12	13	23.02	23.12	23.02		
5	QPSK	25	0	23.08	23.11	23.09		
5	16QAM	1	0	22.92	22.98	22.95		
5	16QAM	1	12	22.85	22.95	22.86	24	1
5	16QAM	1	24	22.82	22.87	22.79		
5	16QAM	12	0	22.03	22.07	21.99		
5	16QAM	12	7	22.01	22.03	21.92	23	2
5	16QAM	12	13	21.98	22.01	21.91		
5	16QAM	25	0	21.84	21.96	21.91		
5	64QAM	1	0	22.17	22.22	22.17		
5	64QAM	1	12	22.09	22.16	22.12	23	2
5	64QAM	1	24	22.09	22.14	22.08		
5	64QAM	12	0	20.96	21.06	20.92		
5	64QAM	12	7	20.91	20.97	20.90	22	3
5	64QAM	12	13	20.95	21.02	20.98		
5	64QAM	25	0	20.93	20.96	20.91		
5	256QAM	1	0	19.01	19.12	19.06		
5	256QAM	1	12	18.98	19.04	18.98	20	5
5	256QAM	1	24	18.89	18.99	18.92		
5	256QAM	12	0	18.97	19.05	18.94		
5	256QAM	12	7	18.87	18.96	18.90	20	5
5	256QAM	12	13	18.97	19.03	19.04		
5	256QAM	25	0	18.97	19.07	19.05		
Channel				19965.35	20175.35	20385.35	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.85	1732.85	1753.85		
3	QPSK	1	0	24.08	24.07	24.05		
3	QPSK	1	8	23.93	23.85	23.92	25	0
3	QPSK	1	14	23.83	23.87	23.86		
3	QPSK	8	0	23.05	23.17	23.07		
3	QPSK	8	4	22.96	23.16	23.04	24	1
3	QPSK	8	7	23.03	23.10	23.03		
3	QPSK	15	0	23.09	23.10	23.09		
3	16QAM	1	0	22.91	23.00	22.94		
3	16QAM	1	8	22.85	22.92	22.87	24	1
3	16QAM	1	14	22.83	22.86	22.81		
3	16QAM	8	0	22.04	22.09	21.99		
3	16QAM	8	4	21.98	22.03	21.91	23	2
3	16QAM	8	7	21.95	21.99	21.86		
3	16QAM	15	0	21.87	21.93	21.92		
3	64QAM	1	0	22.16	22.21	22.19		
3	64QAM	1	8	22.11	22.17	22.11	23	2
3	64QAM	1	14	22.00	22.13	22.03		
3	64QAM	8	0	21.00	21.04	20.96		
3	64QAM	8	4	20.87	20.98	20.90	22	3
3	64QAM	8	7	20.93	20.97	20.97		
3	64QAM	15	0	21.00	21.00	20.93		
3	256QAM	1	0	19.03	19.12	19.02		
3	256QAM	1	8	18.99	19.08	19.00	20	5
3	256QAM	1	14	18.96	19.01	18.94		
3	256QAM	8	0	19.06	19.08	18.96		
3	256QAM	8	4	18.89	18.99	18.87	20	5
3	256QAM	8	7	18.95	19.07	19.02		
3	256QAM	15	0	19.00	19.10	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.05	24.10	24.03		
1.4	QPSK	1	3	23.93	23.89	23.95		
1.4	QPSK	1	5	23.86	23.91	23.91	25	0
1.4	QPSK	3	0	23.06	23.19	23.06		
1.4	QPSK	3	1	22.97	23.12	23.02		
1.4	QPSK	3	3	23.02	23.11	23.04		
1.4	QPSK	6	0	23.05	23.11	23.09	24	1
1.4	16QAM	1	0	22.96	22.99	22.93		
1.4	16QAM	1	3	22.84	22.93	22.86		
1.4	16QAM	1	5	22.84	22.88	22.81	24	1
1.4	16QAM	3	0	22.01	22.07	22.00		
1.4	16QAM	3	1	22.02	22.00	21.91		
1.4	16QAM	3	3	21.96	21.99	21.91		
1.4	16QAM	6	0	21.85	21.96	21.90	23	2
1.4	64QAM	1	0	22.16	22.20	22.16		
1.4	64QAM	1	3	22.11	22.19	22.14		
1.4	64QAM	1	5	22.13	22.13	22.03	23	2
1.4	64QAM	3	0	21.07	21.03	20.91		
1.4	64QAM	3	1	20.88	21.00	20.95		
1.4	64QAM	3	3	20.93	20.98	20.96		
1.4	64QAM	6	0	20.92	21.00	20.93	22	3
1.4	256QAM	1	0	19.05	19.11	19.03		
1.4	256QAM	1	3	19.01	19.05	19.00		
1.4	256QAM	1	5	18.92	19.00	18.91	20	5
1.4	256QAM	3	0	18.95	19.02	18.97		
1.4	256QAM	3	1	18.88	18.95	18.90		
1.4	256QAM	3	3	18.97	19.04	19.04		
1.4	256QAM	6	0	19.01	19.09	19.05	20	5

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.52	22.67	22.65		
20	QPSK	1	49	22.47	22.60	22.58	24	0
20	QPSK	1	99	22.43	22.58	22.54		
20	QPSK	50	0	22.28	22.51	22.21		
20	QPSK	50	24	21.95	22.21	21.94	23.5	0.5
20	QPSK	50	50	21.87	22.16	21.95		
20	QPSK	100	0	22.10	22.26	22.24		
20	16QAM	1	0	21.83	21.93	21.85		
20	16QAM	1	49	21.74	21.82	21.79	23.5	0.5
20	16QAM	1	99	21.99	22.05	22.00		
20	16QAM	50	0	21.10	21.16	21.08		

Band 7_Ant 2

BW [MHz]	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	21.96	22.08	21.95		
20	QPSK	1	49	21.92	22.01	21.94	23.5	0
20	QPSK	1	99	21.86	21.86	21.83		
20	QPSK	50	0	21.42	21.50	21.43		
20	QPSK	50	24	21.40	21.53	21.40	23	0.5
20	QPSK	50	50	21.36	21.50	21.37		
20	QPSK	100	0	21.56	21.57	21.52		
20	16QAM	1	0	21.24	21.28	21.19		
20	16QAM	1	49	21.16	21.23	21.17	23	0.5
20	16QAM	1	99	21.06	21.16	21.12		
20	16QAM	50	0	20.42	20.47	20.39		
20	16QAM	50	24	20.32	20.41	20.32	22	1.5
20	16QAM	50	50	20.33	20.37	20.33		
20	16QAM	100	0	20.29	20.33	20.26		
20	64QAM	1	0	20.58	20.60	20.60		
20	64QAM	1	49	20.50	20.58	20.54	22	1.5
20	64QAM	1	99	20.44	20.51	20.47		
20	64QAM	50	0	19.36	19.41	19.31		
20	64QAM	50	24	19.22	19.34	19.26	21	2.5
20	64QAM	50	50	19.27	19.36	19.27		
20	64QAM	100	0	19.34	19.40	19.37		
20	256QAM	1	0	17.49	17.53	17.50		
20	256QAM	1	49	17.37	17.46	17.39	19	4.5
20	256QAM	1	99	17.34	17.42	17.37		
20	256QAM	50	0	17.34	17.38	17.34		
20	256QAM	50	24	17.24	17.34	17.31	19	4.5
20	256QAM	50	50	17.24	17.32	17.25		
20	256QAM	100	0	17.35	17.38	17.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.86	21.99	21.86		
15	QPSK	1	37	21.86	21.96	21.89	23.5	0
15	QPSK	1	74	21.81	21.80	21.76		
15	QPSK	36	0	21.37	21.53	21.33		
15	QPSK	36	20	21.34	21.46	21.32	23	0.5
15	QPSK	36	39	21.30	21.40	21.32		
15	QPSK	75	0	21.49	21.50	21.46		
15	16QAM	1	0	21.16	21.20	21.10		
15	16QAM	1	37	21.10	21.15	21.12	23	0.5
15	16QAM	1	74	21.00	21.10	21.07		
15	16QAM	36	0	20.34	20.37	20.30		
15	16QAM	36	20	20.25	20.35	20.27	22	1.5
15	16QAM	36	39	20.25	20.27	20.27		
15	16QAM	75	0	20.24	20.28	20.21		
15	64QAM	1	0	20.53	20.54	20.51		
15	64QAM	1	37	20.41	20.53	20.45	22	1.5
15	64QAM	1	74	20.37	20.41	20.37		
15	64QAM	36	0	19.31	19.36	19.25		
15	64QAM	36	20	19.19	19.27	19.18	21	2.5
15	64QAM	36	39	19.17	19.31	19.17		
15	64QAM	75	0	19.29	19.30	19.31		
15	256QAM	1	0	17.40	17.43	17.41		
15	256QAM	1	37	17.27	17.39	17.34	19	4.5
15	256QAM	1	74	17.24	17.32	17.31		
15	256QAM	36	0	17.25	17.32	17.24		
15	256QAM	36	20	17.18	17.27	17.23	19	4.5
15	256QAM	36	39	17.19	17.27	17.15		
15	256QAM	75	0	17.28	17.29	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.91	22.00	21.88		
10	QPSK	1	25	21.85	21.96	21.85	23.5	0
10	QPSK	1	49	21.81	21.81	21.77		
10	QPSK	25	0	21.34	21.49	21.34		
10	QPSK	25	12	21.31	21.48	21.32	23	0.5
10	QPSK	25	25	21.29	21.45	21.28		
10	QPSK	50	0	21.50	21.52	21.45		
10	16QAM	1	0	21.19	21.23	21.09		
10	16QAM	1	25	21.07	21.13	21.08	23	0.5
10	16QAM	1	49	20.98	21.07	21.03		
10	16QAM	25	0	20.33	20.41	20.33		
10	16QAM	25	12	20.23	20.32	20.25	22	1.5
10	16QAM	25	25	20.25	20.27	20.23		
10	16QAM	50	0	20.23	20.28	20.17		
10	64QAM	1	0	20.53	20.53	20.55		
10	64QAM	1	25	20.40	20.53	20.49	22	1.5
10	64QAM	1	49	20.39	20.44	20.40		
10	64QAM	25	0	19.27	19.34	19.26		
10	64QAM	25	12	19.19	19.26	19.17	21	2.5
10	64QAM	25	25	19.21	19.29	19.21		
10	64QAM	50	0	19.24	19.30	19.31		
10	256QAM	1	0	17.42	17.46	17.43		
10	256QAM	1	25	17.32	17.36	17.32	19	4.5
10	256QAM	1	49	17.24	17.37	17.27		
10	256QAM	25	0	17.24	17.30	17.27		
10	256QAM	25	12	17.17	17.25	17.21	19	4.5
10	256QAM	25	25	17.18	17.22	17.20		
10	256QAM	50	0	17.29	17.33	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.88	22.00	21.87		
5	QPSK	1	12	21.85	21.92	21.87	23.5	0
5	QPSK	1	24	21.80	21.78	21.77		
5	QPSK	12	0	21.32	21.50	21.36		
5	QPSK	12	7	21.31	21.47	21.32	23	0.5
5	QPSK	12	13	21.31	21.43	21.29		
5	QPSK	25	0	21.49	21.52	21.43		
5	16QAM	1	0	21.17	21.18	21.11		
5	16QAM	1	12	21.06	21.16	21.10	23	0.5
5	16QAM	1	24	20.99	21.10	21.02		
5	16QAM	12	0	20.36	20.41	20.30		
5	16QAM	12	7	20.24	20.35	20.25	22	1.5
5	16QAM	12	13	20.23	20.32	20.23		
5	16QAM	25	0	20.22	20.27	20.20		
5	64QAM	1	0	20.53	20.56	20.53		
5	64QAM	1	12	20.43	20.48	20.48	22	1.5
5	64QAM	1	24	20.34	20.43	20.41		
5	64QAM	12	0	19.31	19.33	19.23		
5	64QAM	12	7	19.19	19.28	19.21	21	2.5
5	64QAM	12	13	19.19	19.26	19.18		
5	64QAM	25	0	19.24	19.30	19.27		
5	256QAM	1	0	17.42	17.48	17.44		
5	256QAM	1	12	17.31	17.41	17.29	19	4.5
5	256QAM	1	24	17.29	17.32	17.32		
5	256QAM	12	0	17.25	17.32	17.27		
5	256QAM	12	7	17.15	17.27	17.24	19	4.5
5	256QAM	12	13	17.17	17.24	17.17		
5	256QAM	25	0	17.30	17.33	17.28		

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.30	22.41	22.35		
20	QPSK	1	49	22.24	22.37	22.33	24	0
20	QPSK	1	99	22.22	22.32	22.29		
20	QPSK	50	0	21.29	21.36	21.35		
20	QPSK	50	24	21.24	21.29	21.32	23	1
20	QPSK	50	50	21.10	21.22	21.30		
20	QPSK	100	0	21.35	21.44	21.43		
20	16QAM	1	0	21.08	21.15	21.08		
20	16QAM	1	49	21.06	21.13	21.10	23	1
20	16QAM	1	99	21.04	21.09	21.02		
20	16QAM	50	0	20.30	20.37	20.34		
20	16QAM	50	24	20.26	20.31	20.27	22	2
20	16QAM	50	50	20.23	20.33	20.23		
20	16QAM	100	0	20.08	20.17	20.07		
20	64QAM	1	0	20.34	20.42	20.34		
20	64QAM	1	49	20.35	20.40	20.35	22	2
20	64QAM	1	99	20.29	20.32	20.25		
20	64QAM	50	0	19.22	19.30	19.21		
20	64QAM	50	24	19.22	19.28	19.22	21	3
20	64QAM	50	50	19.16	19.19	19.09		
20	64QAM	100	0	19.09	19.18	19.10		
20	256QAM	1	0	17.34	17.42	17.36		
20	256QAM	1	49	17.39	17.44	17.37	19	5
20	256QAM	1	99	17.31	17.36	17.30		
20	256QAM	50	0	17.25	17.32	17.25		
20	256QAM	50	24	17.18	17.28	17.18	19	5
20	256QAM	50	50	17.14	17.24	17.15		
20	256QAM	100	0	17.25	17.33	17.24		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.23	22.31	22.29		
15	QPSK	1	37	22.18	22.31	22.27	24	0
15	QPSK	1	74	22.15	22.25	22.23		
15	QPSK	36	0	21.19	21.28	21.25		
15	QPSK	36	20	21.18	21.22	21.25	23	1
15	QPSK	36	39	21.03	21.17	21.25		
15	QPSK	75	0	21.28	21.34	21.38		
15	16QAM	1	0	21.06	21.09	21.06		
15	16QAM	1	37	21.05	21.07	21.03	23	1
15	16QAM	1	74	21.05	21.00	21.02		
15	16QAM	36	0	20.21	20.31	20.27		
15	16QAM	36	20	20.18	20.24	20.17	22	2
15	16QAM	36	39	20.13	20.24	20.13		
15	16QAM	75	0	20.07	20.11	20.02		
15	64QAM	1	0	20.27	20.34	20.28		
15	64QAM	1	37	20.27	20.31	20.29	22	2
15	64QAM	1	74	20.21	20.22	20.20		
15	64QAM	36	0	19.16	19.22	19.12		
15	64QAM	36	20	19.17	19.19	19.13	21	3
15	64QAM	36	39	19.08	19.11	19.01		
15	64QAM	75	0	19.07	19.11	19.03		
15	256QAM	1	0	17.27	17.33	17.28		
15	256QAM	1	37	17.31	17.38	17.29	19	5
15	256QAM	1	74	17.26	17.31	17.20		
15	256QAM	36	0	17.19	17.27	17.16		
15	256QAM	36	20	17.11	17.23	17.13	19	5
15	256QAM	36	39	17.04	17.16	17.08		
15	256QAM	75	0	17.17	17.25	17.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.20	22.53	22.26		
10	QPSK	1	25	22.18	22.32	22.28	24	0
10	QPSK	1	49	22.14	22.24	22.19		
10	QPSK	25	0	21.23	21.31	21.30		
10	QPSK	25	12	21.17	21.22	21.25	23	1
10	QPSK	25	25	21.02	21.12	21.24		
10	QPSK	50	0	21.28	21.38	21.36		
10	16QAM	1	0	21.03	21.07	21.06		
10	16QAM	1	25	21.06	21.05	21.04	23	1
10	16QAM	1	49	21.08	21.00	21.04		
10	16QAM	25	0	20.27	20.27	20.24		
10	16QAM	25	12	20.18	20.26	20.20	22	2
10	16QAM	25	25	20.18	20.20	20.13		
10	16QAM	50	0	20.07	20.08	20.08		
10	64QAM	1	0	20.29	20.34	20.26		
10	64QAM	1	25	20.29	20.33	20.36	22	2
10	64QAM	1	49	20.23	20.24	20.17		
10	64QAM	25	0	19.17	19.23	19.12		
10	64QAM	25	12	19.16	19.17	19.13	21	3
10	64QAM	25	25	19.07	19.13	19.01		
10	64QAM	50	0	19.02	19.11	19.00		
10	256QAM	1	0	17.25	17.35	17.27		
10	256QAM	1	25	17.32	17.35	17.28	19	5
10	256QAM	1	49	17.26	17.28	17.22		
10	256QAM	25	0	17.18	17.23	17.15		
10	256QAM	25	12	17.08	17.20	17.13	19	5
10	256QAM	25	25	17.08	17.17	17.09		
10	256QAM	50	0	17.18	17.27	17.16		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.23	22.32	22.28		
5	QPSK	1	12	22.15	22.28	22.26	24	0
5	QPSK	1	24	22.16	22.24	22.21		
5	QPSK	12	0	21.24	21.32	21.27		
5	QPSK	12	7	21.15	21.20	21.24	23	1
5	QPSK	12	13	21.02	21.13	21.24		
5	QPSK	25	0	21.30	21.35	21.35		
5	16QAM	1	0	21.01	21.09	21.08		
5	16QAM	1	12	21.06	21.06	21.03	23	1
5	16QAM	1	24	21.06	21.02	21.02		
5	16QAM	12	0	20.21	20.30	20.26		
5	16QAM	12	7	20.19	20.22	20.19	22	2
5	16QAM	12	13	20.13	20.17	20.14		
5	16QAM	25	0	20.08	20.09	20.00		
5	64QAM	1	0	20.28	20.35	20.29		
5	64QAM	1	12	20.25	20.33	20.27	22	2
5	64QAM	1	24	20.22	20.30	20.35		
5	64QAM	12	0	19.17	19.24	19.16		
5	64QAM	12	7	19.17	19.21	19.14	21	3
5	64QAM	12	13	19.08	19.12	19.07		
5	64QAM	25	0	19.00	19.11	19.02		
5	256QAM	1	0	17.27	17.33	17.26		
5	256QAM	1	12	17.33	17.34	17.27	19	5
5	256QAM	1	24	17.25	17.27	17.22		
5	256QAM	12	0	17.19	17.27	17.18		
5	256QAM	12	7	17.09	17.18	17.09	19	5
5	256QAM	12	13	17.07	17.15	17.06		
5	256QAM	25	0	17.19	17.26	17.18		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.85	22.14	21.80		
20	QPSK	1	49	21.79	21.96	21.76	23.5	0
20	QPSK	1	99	21.73	21.93	21.71		
20	QPSK	50	0	21.26	21.31	21.28		
20	QPSK	50	24	21.23	21.30	21.24	22.5	1
20	QPSK	50	50	21.21	21.28	21.25		
20	QPSK	100	0	21.16	21.29	21.21		
20	16QAM	1	0	21.07	21.16	21.07		
20	16QAM	1	49	21.13	21.19	21.10	22.5	1
20	16QAM	1	99	21.04	21.13	21.05		
20	16QAM	50	0	20.23	20.31	20.24		
20	16QAM	50	24	20.24	20.30	20.23	21.5	2
20	16QAM	50	50	20.18	20.25	20.15		
20	16QAM	100	0	20.05	20.29	20.24		
20	64QAM	1	0	20.27	20.32	20.45		
20	64QAM	1	49	20.34	20.43	20.39	21.5	2
20	64QAM	1	99	20.34	20.39	20.35		
20	64QAM	50	0	19.24	19.29	19.19		
20	64QAM	50	24	19.28	19.31	19.22	20.5	3
20	64QAM	50	50	19.20	19.24	19.14		
20	64QAM	100	0	19.15	19.20	19.10		
20	256QAM	1	0	17.29	17.38	17.34		
20	256QAM	1	49	17.22	17.32	17.27	18.5	5
20	256QAM	1	99	17.17	17.21	17.17		
20	256QAM	50	0	17.25	17.33	17.23		
20	256QAM	50	24	17.19	17.24	17.14	18.5	5
20	256QAM	50	50	17.21	17.26	17.19		
20	256QAM	100	0	17.21	17.30	17.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.80	22.05	21.75		
15	QPSK	1	37	21.69	21.86	21.69	23.5	0
15	QPSK	1	74	21.63	21.86	21.61		
15	QPSK	36	0	21.21	21.24	21.20		
15	QPSK	36	20	21.13	21.26	21.15	22.5	1
15	QPSK	36	39	21.14	21.23	21.19		
15	QPSK	75	0	21.05	21.23	21.14		
15	16QAM	1	0	20.99	21.07	20.97		
15	16QAM	1	37	21.04	21.12	21.03	22.5	1
15	16QAM	1	74	20.95	21.06	20.99		
15	16QAM	36	0	20.14	20.22	20.15		
15	16QAM	36	20	20.17	20.22	20.16	21.5	2
15	16QAM	36	39	20.08	20.20	20.05		
15	16QAM	75	0	20.15	20.19	20.19		
15	64QAM	1	0	20.30	20.43	20.40		
15	64QAM	1	37	20.27	20.38	20.34	21.5	2
15	64QAM	1	74	20.25	20.31	20.26		
15	64QAM	36	0	19.15	19.19	19.09		
15	64QAM	36	20	19.21	19.22	19.15	20.5	3
15	64QAM	36	39	19.13	19.19	19.09		
15	64QAM	75	0	19.09	19.15	19.01		
15	256QAM	1	0	17.31	17.30	17.25		
15	256QAM	1	37	17.13	17.18	17.09	18.5	5
15	256QAM	1	74	17.12	17.14	17.08		
15	256QAM	36	0	17.17	17.28	17.18		
15	256QAM	36	20	17.14	17.19	17.08	18.5	5
15	256QAM	36	39	17.15	17.18	17.10		
15	256QAM	75	0	17.11	17.22	17.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.80	22.08	21.73		
10	QPSK	1	25	21.71	21.88	21.69	23.5	0
10	QPSK	1	49	21.67	21.88	21.63		
10	QPSK	25	0	21.16	21.25	21.19		
10	QPSK	25	12	21.09	21.21	21.18	22.5	1
10	QPSK	25	25	21.16	21.20	21.15		
10	QPSK	50	0	21.09	21.22	21.13		
10	16QAM	1	0	20.98	21.10	20.98		
10	16QAM	1	25	21.08	21.02	21.02	22.5	1
10	16QAM	1	49	20.95	21.08	21.00		
10	16QAM	25	0	20.16	20.22	20.15		
10	16QAM	25	12	20.17	20.20	20.17	21.5	2
10	16QAM	25	25	20.13	20.15	20.12		
10	16QAM	50	0	20.16	20.22	20.14		
10	64QAM	1	0	20.29	20.39	20.39		
10	64QAM	1	25	20.24	20.36	20.30	21.5	2
10	64QAM	1	49	20.27	20.30	20.29		
10	64QAM	25	0	19.15	19.21	19.09		
10	64QAM	25	12	19.18	19.26	19.14	20.5	3
10	64QAM	25	25	19.14	19.17	19.04		
10	64QAM	50	0	19.05	19.13	19.04		
10	256QAM	1	0	17.19	17.32	17.27		
10	256QAM	1	25	17.13	17.18	17.08	18.5	5
10	256QAM	1	49	17.07	17.18	17.11		
10	256QAM	25	0	17.19	17.24	17.15		
10	256QAM	25	12	17.10	17.16	17.04	18.5	5
10	256QAM	25	25	17.16	17.18	17.14		
10	256QAM	50	0	17.13	17.20	17.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.78	22.05	21.70		
5	QPSK	1	12	21.72	21.89	21.72	23.5	0
5	QPSK	1	24	21.68	21.85	21.64		
5	QPSK	12	0	21.20	21.26	21.19		
5	QPSK	12	7	21.16	21.20	21.15	22.5	1
5	QPSK	12	13	21.05	21.15	21.17		
5	QPSK	25	0	21.10	21.22	21.11		
5	16QAM	1	0	21.00	21.08	20.99		
5	16QAM	1	12	21.06	21.00	21.05	22.5	1
5	16QAM	1	24	20.98	21.07	20.97		
5	16QAM	12	0	20.17	20.22	20.17		
5	16QAM	12	7	20.14	20.25	20.16	21.5	2
5	16QAM	12	13	20.13	20.17	20.09		
5	16QAM	25	0	20.20	20.24	20.15		
5	64QAM	1	0	20.33	20.39	20.35		
5	64QAM	1	12	20.27	20.33	20.31	21.5	2
5	64QAM	1	24	20.29	20.30	20.25		
5	64QAM	12	0	19.16	19.24	19.12		
5	64QAM	12	7	19.21	19.22	19.17	20.5	3
5	64QAM	12	13	19.12	19.18	19.07		
5	64QAM	25	0	19.06	19.14	19.01		
5	256QAM	1	0	17.21	17.30	17.28		
5	256QAM	1	12	17.13	17.19	17.08	18.5	5
5	256QAM	1	24	17.07	17.11	17.12		
5	256QAM	12	0	17.17	17.23	17.18		
5	256QAM	12	7	17.12	17.16	17.04	18.5	5
5	256QAM	12	13	17.13	17.16	17.11		
5	256QAM	25	0	17.16	17.22	17.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.78	22.09	21.74		
3	QPSK	1	8	21.73	21.89	21.70	23.5	0
3	QPSK	1	14	21.68	21.85	21.65		
3	QPSK	8	0	21.20	21.25	21.23		
3	QPSK	8	4	21.15	21.22	21.19	22.5	1
3	QPSK	8	7	21.13	21.21	21.16		
3	QPSK	15	0	21.10	21.19	21.15		
3	16QAM	1	0	21.02	21.06	20.99		
3	16QAM	1	8	21.07	21.11	21.05	22.5	1
3	16QAM	1	14	20.98	21.05	20.96		
3	16QAM	8	0	20.13	20.23	20.16		
3	16QAM	8	4	20.15	20.25	20.17	21.5	2
3	16QAM	8	7	20.08	20.18	20.08		
3	16QAM	15	0	20.16	20.20	20.17		
3	64Q

Reduced DSI1 Power for CA&EN-DC LTE Other PA

Band 4_Ant 0

BW [MHz]	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	22.78	23.03	22.73		
20	QPSK	1	49	22.68	22.97	22.66	24.5	0
20	QPSK	1	99	22.62	22.89	22.61		
20	QPSK	50	0	22.17	22.28	22.19		
20	QPSK	50	24	22.14	22.23	22.15	23.5	1
20	QPSK	50	50	22.11	22.27	22.08		
20	QPSK	100	0	22.20	22.23	22.16		
20	16QAM	1	0	22.00	22.08	21.98		
20	16QAM	1	49	22.19	22.23	22.15	23.5	1
20	16QAM	1	99	22.06	22.13	22.06		
20	16QAM	50	0	21.18	21.25	21.19		
20	16QAM	50	24	21.18	21.23	21.20	22.5	2
20	16QAM	50	50	21.11	21.15	21.10		
20	16QAM	100	0	21.14	21.18	21.10		
20	64QAM	1	0	21.34	21.43	21.36		
20	64QAM	1	49	21.30	21.38	21.32	22.5	2
20	64QAM	1	99	21.22	21.32	21.23		
20	64QAM	50	0	20.15	20.21	20.16		
20	64QAM	50	24	20.18	20.26	20.16	21.5	3
20	64QAM	50	50	20.11	20.18	20.13		
20	64QAM	100	0	20.14	20.20	20.15		
20	256QAM	1	0	18.25	18.33	18.29		
20	256QAM	1	49	18.17	18.25	18.16	19.5	5
20	256QAM	1	99	18.20	18.27	18.19		
20	256QAM	50	0	18.13	18.16	18.11		
20	256QAM	50	24	18.05	18.13	18.05	19.5	5
20	256QAM	50	50	18.00	18.09	18.05		
20	256QAM	100	0	18.05	18.15	18.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.68			
15	QPSK	1	37	22.59	22.87	22.60	24.5	0
15	QPSK	1	74	22.55	22.83	22.56		
15	QPSK	36	0	22.09	22.20	22.14		
15	QPSK	36	20	22.07	22.16	22.06	23.5	1
15	QPSK	36	39	22.05	22.18	22.01		
15	QPSK	75	0	22.14	22.17	22.08		
15	16QAM	1	0	21.90	22.00	21.88		
15	16QAM	1	37	22.14	22.17	22.08	23.5	1
15	16QAM	1	74	21.96	22.06	21.97		
15	16QAM	36	0	21.12	21.19	21.12		
15	16QAM	36	20	21.11	21.15	21.15	22.5	2
15	16QAM	36	39	21.02	21.07	21.03		
15	16QAM	75	0	21.06	21.09	21.02		
15	64QAM	1	0	21.25	21.37	21.32		
15	64QAM	1	37	21.24	21.35	21.22	22.5	2
15	64QAM	1	74	21.14	21.24	21.13		
15	64QAM	36	0	20.10	20.13	20.06		
15	64QAM	36	20	20.11	20.16	20.09	21.5	3
15	64QAM	36	39	20.05	20.09	20.04		
15	64QAM	75	0	20.09	20.10	20.09		
15	256QAM	1	0	18.20	18.28	18.23		
15	256QAM	1	37	18.09	18.19	18.09	19.5	5
15	256QAM	1	74	18.15	18.19	18.14		
15	256QAM	36	0	18.05	18.08	18.05		
15	256QAM	36	20	17.95	18.07	17.95	19.5	5
15	256QAM	36	39	17.95	18.01	17.96		
15	256QAM	75	0	18.00	18.06	18.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.93	22.63		
10	QPSK	1	25	22.58	22.87	22.60	24.5	0
10	QPSK	1	49	22.57	22.79	22.54		
10	QPSK	25	0	22.08	22.23	22.11		
10	QPSK	25	12	22.04	22.13	22.06	23.5	1
10	QPSK	25	25	22.04	22.19	22.00		
10	QPSK	50	0	22.11	22.15	22.07		
10	16QAM	1	0	21.92	21.99	21.91		
10	16QAM	1	25	22.13	22.15	22.05	23.5	1
10	16QAM	1	49	21.96	22.03	21.97		
10	16QAM	25	0	21.13	21.19	21.12		
10	16QAM	25	12	21.11	21.17	21.14	22.5	2
10	16QAM	25	25	21.05	21.07	21.05		
10	16QAM	50	0	21.06	21.10	21.05		
10	64QAM	1	0	21.28	21.36	21.31		
10	64QAM	1	25	21.20	21.28	21.26	22.5	2
10	64QAM	1	49	21.16	21.22	21.18		
10	64QAM	25	0	20.06	20.12	20.11		
10	64QAM	25	12	20.13	20.16	20.08	21.5	3
10	64QAM	25	25	20.02	20.13	20.04		
10	64QAM	50	0	20.04	20.10	20.10		
10	256QAM	1	0	18.17	18.27	18.22		
10	256QAM	1	25	18.08	18.16	18.09	19.5	5
10	256QAM	1	49	18.12	18.18	18.10		
10	256QAM	25	0	18.08	18.08	18.02		
10	256QAM	25	12	17.97	18.05	17.99	19.5	5
10	256QAM	25	25	17.94	17.99	17.96		
10	256QAM	50	0	17.97	18.09	18.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.68	22.94	22.65		
5	QPSK	1	12	22.61	22.88	22.58	24.5	0
5	QPSK	1	24	22.53	22.8	22.53		
5	QPSK	12	0	22.1	22.2	22.11		
5	QPSK	12	7	22.08	22.18	22.06	23.5	1
5	QPSK	12	13	22.04	22.17	21.98		
5	QPSK	25	0	22.1	22.17	22.08		
5	16QAM	1	0	21.92	22.03	21.93		
5	16QAM	1	12	22.11	22.15	22.09	23.5	1
5	16QAM	1	24	22.01	22.07	21.99		
5	16QAM	12	0	21.08	21.16	21.1		
5	16QAM	12	7	21.12	21.18	21.11	22.5	2
5	16QAM	12	13	21.03	21.05	21.03		
5	16QAM	25	0	21.05	21.11	21.04		
5	64QAM	1	0	21.26	21.38	21.31		
5	64QAM	1	12	21.24	21.3	21.23	22.5	2
5	64QAM	1	24	21.13	21.22	21.14		
5	64QAM	12	0	20.09	20.15	20.09		
5	64QAM	12	7	20.12	20.16	20.1	21.5	3
5	64QAM	12	13	20.05	20.08	20.05		
5	64QAM	25	0	20.07	20.12	20.09		
5	256QAM	1	0	18.19	18.24	18.19		
5	256QAM	1	12	18.11	18.19	18.10	19.5	5
5	256QAM	1	24	18.10	18.21	18.12		
5	256QAM	12	0	18.06	18.07	18.03		
5	256QAM	12	7	18.00	18.07	17.97	19.5	5
5	256QAM	12	13	17.93	17.99	17.97		
5	256QAM	25	0	17.99	18.09	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.70	22.93	22.64		
3	QPSK	1	8	22.63	22.90	22.56	24.5	0
3	QPSK	1	14	22.56	22.82	22.53		
3	QPSK	8	0	22.07	22.19	22.11		
3	QPSK	8	4	22.09	22.13	22.10	23.5	1
3	QPSK	8	7	22.03	22.20	21.99		
3	QPSK	15	0	22.15	22.14	22.08		
3	16QAM	1	0	21.95	22.01	21.90		
3	16QAM	1	8	22.10	22.14	22.05	23.5	1
3	16QAM	1	14	21.98	22.03	22.01		
3	16QAM	8	0	21.09	21.19	21.09		
3	16QAM	8	4	21.08	21.18	21.10	22.5	2
3	16QAM	8	7	21.05	21.06	21.05		
3	16QAM	15	0	21.05	21.12	21.00		
3	64QAM	1	0	21.25	21.36	21.29		
3	64QAM	1	8	21.23	21.33	21.23	22.5	2
3	64QAM	1	14	21.12	21.25	21.13		
3	64QAM	8	0	20.05	20.13	20.11		
3	64QAM	8	4	20.13	20.19	20.10	21.5	3
3	64QAM	8	7	20.02	20.12	20.03		
3	64QAM	15	0	20.06	20.12	20.10		
3	256QAM	1	0	18.15	18.24	18.19		
3	256QAM	1	8	18.08	18.17	18.06	19.5	5
3	256QAM	1	14	18.15	18.18	18.11		
3	256QAM	8	0	18.06	18.08	18.06		
3	256QAM	8	4	18.00	18.05	17.99	19.5	5
3	256QAM	8	7	17.94	18.02	17.99		
3	256QAM	15	0	17.96	18.06	18.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.69	22.94	22.63		
1.4	QPSK	1	3	22.59	22.92	22.56		
1.4	QPSK	1	5	22.52	22.81	22.54	24.5	0
1.4	QPSK	3	0	22.07	22.21	22.13		
1.4	QPSK	3	1	22.07	22.17	22.09		
1.4	QPSK	3	3	22.05	22.18	21.98		
1.4	QPSK	6	0	22.11	22.17	22.09	23.5	1
1.4	16QAM	1	0	21.93	21.98	21.89		
1.4	16QAM	1	3	22.11	22.18	22.10		
1.4	16QAM	1	5	22.00	22.03	21.97	23.5	1
1.4	16QAM	3	0	21.12	21.19	21.14		
1.4	16QAM	3	1	21.12	21.15	21.10		
1.4	16QAM	3	3	21.04	21.09	21.05		
1.4	16QAM	6	0	21.09	21.10	21.05	22.5	2
1.4	64QAM	1	0	21.28	21.34	21.30		
1.4	64QAM	1	3	21.23	21.28	21.27		
1.4	64QAM	1	5	21.14	21.22	21.13	22.5	2
1.4	64QAM	3	0	20.08	20.14	20.10		
1.4	64QAM	3	1	20.09	20.16	20.07		
1.4	64QAM	3	3	20.01	20.12	20.03		
1.4	64QAM	6	0	20.05	20.14	20.07	21.5	3
1.4	256QAM	1	0	18.20	18.25	18.24		
1.4	256QAM	1	3	18.10	18.18	18.09		
1.4	256QAM	1	5	18.11	18.19	18.12	19.5	5
1.4	256QAM	3	0	18.05	18.06	18.04		
1.4	256QAM	3	1	17.96	18.03	17.99		
1.4	256QAM	3	3	17.91	18.01	17.99		
1.4	256QAM	6	0	17.96	18.08	18.02	19.5	5

Band 4_Ant 1

BW [MHz]	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	14.64	14.71	14.68		
20	QPSK	1	49	14.56	14.66	14.57	15.5	0
20	QPSK	1	99	14.44	14.68	14.50		
20	QPSK	50	0	14.60	14.67	14.57		
20	QPSK	50	24	14.55	14.66	14.64	15.5	0
20	QPSK	50	50	14.57	14.65	14.57		
20	QPSK	100	0	14.60	14.67	14.64		
20	16QAM	1	0	14.57	14.63	14.57		
20	16QAM	1	49	14.47	14.61	14.51	15.5	0
20	16QAM	1	99	14.44	14.56	14.48		
20	16QAM	50	0	14.56	14.64	14.67		
20	16QAM	50	24	14.52	14.57	14.48	15.5	0
20	16QAM	50	50	14.50	14.64	14.55		
20	16QAM	100	0	14.43	14.56	14.54		
20	64QAM	1	0	14.68	14.62	14.66		
20	64QAM	1	49	14.68	14.64	14.69	15.5	0
20	64QAM	1	99	14.64	14.66	14.67		
20	64QAM	50	0	14.64	14.52	14.57		
20	64QAM	50	24	14.48	14.54	14.52	15.5	0
20	64QAM	50	50	14.57	14.62	14.48		
20	64QAM	100	0	14.55	14.56	14.56		
20	256QAM	1	0	14.63	14.45	14.60		
20	256QAM	1	49	14.53	14.52	14.54	15.5	0
20	256QAM	1	99	14.52	14.40	14.46		
20	256QAM	50	0	14.59	14.56	14.58		
20	256QAM	50	24	14.56	14.53	14.56	15.5	0
20	256QAM	50	50	14.50	14.60	14.64		
20	256QAM	100	0	14.52	14.58	14.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.62	14.52	14.60		
15	QPSK	1	37	14.47	14.61	14.55	15.5	0
15	QPSK	1	74	14.34	14.64	14.48		
15	QPSK	36	0	14.52	14.65	14.60		
15	QPSK	36	20	14.48	14.64	14.57	15.5	0
15	QPSK	36	39	14.47	14.55	14.49		
15	QPSK	75	0	14.49	14.57	14.52		
15	16QAM	1	0	14.43	14.47	14.40		
15	16QAM	1	37	14.38	14.53	14.38	15.5	0
15	16QAM	1	74	14.35	14.51	14.35		
15	16QAM	36	0	14.44	14.51	14.64		
15	16QAM	36	20	14.41	14.48	14.42	15.5	0
15	16QAM	36	39	14.40	14.59	14.53		
15	16QAM	75	0	14.40	14.53	14.40		
15	64QAM	1	0	14.64	14.59	14.56		
15	64QAM	1	37	14.60	14.54	14.67	15.5	0
15	64QAM	1	74	14.58	14.58	14.57		
15	64QAM	36	0	14.62	14.49	14.51		
15	64QAM	36	20	14.43	14.47	14.45	15.5	0
15	64QAM	36	39	14.48	14.52	14.38		
15	64QAM	75	0	14.48	14.43	14.45		
15	256QAM	1	0	14.57	14.40	14.62		
15	256QAM	1	37	14.51	14.48	14.62	15.5	0
15	256QAM	1	74	14.41	14.28	14.40		
15	256QAM	36	0	14.47	14.50	14.54		
15	256QAM	36	20	14.54	14.57	14.53	15.5	0
15	256QAM	36	39	14.38	14.47	14.60		
15	256QAM	75	0	14.41	14.50	14.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.58	14.56	14.51		
10	QPSK	1	25	14.43	14.54	14.45	15.5	0
10	QPSK	1	49	14.32	14.64	14.44		
10	QPSK	25	0	14.51	14.67	14.65		
10	QPSK	25	12	14.52	14.58	14.55	15.5	0
10	QPSK	25	25	14.44	14.59	14.54		
10	QPSK	50	0	14.56	14.54	14.59		
10	16QAM	1	0	14.46	14.56	14.49		
10	16QAM	1	25	14.42	14.58	14.41	15.5	0
10	16QAM	1	49	14.34	14.54	14.45		
10	16QAM	25	0	14.45	14.53	14.65		
10	16QAM	25	12	14.41	14.44	14.46	15.5	0
10	16QAM	25	25	14.36	14.44	14.44		
10	16QAM	50	0	14.33	14.45	14.41		
10	64QAM	1	0	14.66	14.62	14.56		
10	64QAM	1	25	14.58	14.56	14.55	15.5	0
10	64QAM	1	49	14.62	14.60	14.63		
10	64QAM	25	0	14.57	14.58	14.44		
10	64QAM	25	12	14.45	14.49	14.50	15.5	0
10	64QAM	25	25	14.39	14.50	14.44		
10	64QAM	50	0	14.48	14.50	14.43		
10	256QAM	1	0	14.61	14.32	14.63		
10	256QAM	1	25	14.58	14.43	14.52	15.5	0
10	256QAM	1	49	14.42	14.54	14.38		
10	256QAM	25	0	14.55	14.46	14.56		
10	256QAM	25	12	14.48	14.47	14.51	15.5	0
10	256QAM	25	25	14.41	14.57	14.54		
10	256QAM	50	0	14.41	14.47	14.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.59	14.67	14.63		
5	QPSK	1	12	14.45	14.54	14.48	15.5	0
5	QPSK	1	24	14.39	14.59	14.48		
5	QPSK	12	0	14.55	14.62	14.57		
5	QPSK	12	7	14.47	14.54	14.58	15.5	0
5	QPSK	12	13	14.40	14.51	14.53		
5	QPSK	25	0	14.57	14.54	14.57		
5	16QAM	1	0	14.49	14.60	14.54		
5	16QAM	1	12	14.45	14.73	14.46	15.5	0
5	16QAM	1	24	14.39	14.54	14.44		
5	16QAM	12	0	14.45	14.52	14.57		
5	16QAM	12	7	14.47	14.55	14.42	15.5	0
5	16QAM	12	13	14.40	14.51	14.46		
5	16QAM	25	0	14.34	14.50	14.45		
5	64QAM	1	0	14.59	14.61	14.54		
5	64QAM	1	12	14.61	14.58	14.62	15.5	0
5	64QAM	1	24	14.53	14.61	14.61		
5	64QAM	12	0	14.52	14.53	14.49		
5	64QAM	12	7	14.36	14.51	14.47		
5	64QAM	12	13	14.45	14.32	14.36	15.5	0
5	64QAM	25	0	14.46	14.43	14.44		
5	256QAM	1	0	14.58	14.35	14.57		
5	256QAM	1	12	14.50	14.46	14.61	15.5	0
5	256QAM	1	24	14.38	14.36	14.54		
5	256QAM	12	0	14.46	14.45	14.54		
5	256QAM	12	7	14.51	14.52	14.45	15.5	0
5	256QAM	12	13	14.38	14.48	14.53		
5	256QAM	25	0	14.39	14.58	14.58		
Channel				19965.35	20175.35	20385.35	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.85	1732.85	1753.85		
3	QPSK	1	0	14.60	14.64	14.66		
3	QPSK	1	8	14.46	14.54	14.48	15.5	0
3	QPSK	1	14	14.38	14.61	14.48		
3	QPSK	8	0	14.61	14.63	14.62		
3	QPSK	8	4	14.53	14.53	14.53	15.5	0
3	QPSK	8	7	14.44	14.61	14.53		
3	QPSK	15	0	14.55	14.63	14.59		
3	16QAM	1	0	14.46	14.61	14.47		
3	16QAM	1	8	14.42	14.49	14.48	15.5	0
3	16QAM	1	14	14.34	14.46	14.39		
3	16QAM	8	0	14.43	14.59	14.55		
3	16QAM	8	4	14.42	14.49	14.45	15.5	0
3	16QAM	8	7	14.38	14.51	14.48		
3	16QAM	15	0	14.38	14.46	14.45		
3	64QAM	1	0	14.62	14.58	14.62		
3	64QAM	1	8	14.64	14.51	14.67	15.5	0
3	64QAM	1	14	14.60	14.60	14.60		
3	64QAM	8	0	14.59	14.58	14.52		
3	64QAM	8	4	14.42	14.53	14.40	15.5	0
3	64QAM	8	7	14.52	14.60	14.35		
3	64QAM	15	0	14.50	14.50	14.50		
3	256QAM	1	0	14.61	14.38	14.67		
3	256QAM	1	8	14.58	14.50	14.62	15.5	0
3	256QAM	1	14	14.39	14.35	14.34		
3	256QAM	8	0	14.55	14.50	14.54		
3	256QAM	8	4	14.45	14.47	14.44	15.5	0
3	256QAM	8	7	14.39	14.55	14.60		
3	256QAM	15	0	14.50	14.52	14.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.58	14.69	14.60		
1.4	QPSK	1	3	14.46	14.64	14.47		
1.4	QPSK	1	5	14.38	14.64	14.45	15.5	0
1.4	QPSK	3	0	14.62	14.56	14.61		
1.4	QPSK	3	1	14.53	14.61	14.53		
1.4	QPSK	3	3	14.46	14.61	14.44		
1.4	QPSK	6	0	14.52	14.60	14.57	15.5	0
1.4	16QAM	1	0	14.46	14.53	14.48		
1.4	16QAM	1	3	14.39	14.40	14.48		
1.4	16QAM	1	5	14.42	14.47	14.41	15.5	0
1.4	16QAM	3	0	14.44	14.52	14.60		
1.4	16QAM	3	1	14.48	14.48	14.41		
1.4	16QAM	3	3	14.40	14.59	14.50		
1.4	16QAM	6	0	14.32	14.46	14.42	15.5	0
1.4	64QAM	1	0	14.58	14.62	14.60		
1.4	64QAM	1	3	14.55	14.57	14.56		
1.4	64QAM	1	5	14.58	14.55	14.59	15.5	0
1.4	64QAM	3	0	14.59	14.53	14.53		
1.4	64QAM	3	1	14.36	14.52	14.43		
1.4	64QAM	3	3	14.52	14.40	14.43		
1.4	64QAM	6	0	14.51	14.44	14.47	15.5	0
1.4	256QAM	1	0	14.59	14.36	14.62		
1.4	256QAM	1	3	14.49	14.43	14.61		
1.4	256QAM	1	5	14.47	14.29	14.40	15.5	0
1.4	256QAM	3	0	14.53	14.48	14.48		
1.4	256QAM	3	1	14.44	14.52	14.50		
1.4	256QAM	3	3	14.44	14.52	14.52		
1.4	256QAM	6	0	14.44	14.47	14.67	15.5	0

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.52	22.67	22.65		
20	QPSK	1	49	22.47	22.60	22.58	24	0
20	QPSK	1	99	22.43	22.58	22.54		
20	QPSK	50	0	21.99	22.25	22.21		
20	QPSK	50	24	21.95	22.21	21.94	23.5	0.5
20	QPSK	50	50	21.87	22.16	21.95		
20	QPSK	100	0	22.10	22.26	22.24		
20	16QAM	1	0	21.83	21.93	21.85		
20	16QAM	1	49	21.74	21.82

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20510	20635	20760		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.96	22.08	21.95		
20	QPSK	1	49	21.92	22.01	21.94	23.5	0
20	QPSK	1	99	21.86	21.86	21.83		
20	QPSK	50	0	21.42	21.50	21.43		
20	QPSK	50	24	21.40	21.53	21.40	23	0.5
20	QPSK	50	50	21.36	21.50	21.37		
20	QPSK	100	0	21.56	21.57	21.52		
20	16QAM	1	0	21.24	21.28	21.19		
20	16QAM	1	49	21.16	21.23	21.17	23	0.5
20	16QAM	1	99	21.06	21.16	21.12		
20	16QAM	50	0	20.42	20.47	20.39		
20	16QAM	50	24	20.32	20.41	20.32	22	1.5
20	16QAM	50	50	20.33	20.37	20.33		
20	16QAM	100	0	20.29	20.33	20.26		
20	64QAM	1	0	20.58	20.63	20.60		
20	64QAM	1	49	20.50	20.58	20.54	22	1.5
20	64QAM	1	99	20.44	20.51	20.47		
20	64QAM	50	0	19.36	19.41	19.31		
20	64QAM	50	24	19.29	19.34	19.26	21	2.5
20	64QAM	50	50	19.27	19.36	19.27		
20	64QAM	100	0	19.34	19.40	19.37		
20	256QAM	1	0	17.49	17.53	17.50		
20	256QAM	1	49	17.37	17.46	17.39	19	4.5
20	256QAM	1	99	17.34	17.42	17.37		
20	256QAM	50	0	17.34	17.38	17.34		
20	256QAM	50	24	17.24	17.34	17.31	19	4.5
20	256QAM	50	50	17.24	17.32	17.25		
20	256QAM	100	0	17.35	17.38	17.33		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.86	21.99	21.86		
15	QPSK	1	37	21.86	21.96	21.89	23.5	0
15	QPSK	1	74	21.81	21.80	21.76		
15	QPSK	36	0	21.37	21.53	21.33		
15	QPSK	36	20	21.34	21.46	21.32	23	0.5
15	QPSK	36	39	21.30	21.40	21.32		
15	QPSK	75	0	21.49	21.50	21.46		
15	16QAM	1	0	21.16	21.20	21.10		
15	16QAM	1	37	21.10	21.15	21.12	23	0.5
15	16QAM	1	74	21.00	21.10	21.07		
15	16QAM	36	0	20.34	20.37	20.30		
15	16QAM	36	20	20.25	20.35	20.27	22	1.5
15	16QAM	36	39	20.25	20.27	20.27		
15	16QAM	75	0	20.24	20.26	20.21		
15	64QAM	1	0	20.53	20.54	20.51		
15	64QAM	1	37	20.41	20.53	20.45	22	1.5
15	64QAM	1	74	20.37	20.41	20.37		
15	64QAM	36	0	19.31	19.36	19.25		
15	64QAM	36	20	19.19	19.27	19.18	21	2.5
15	64QAM	36	39	19.17	19.31	19.17		
15	64QAM	75	0	19.29	19.30	19.31		
15	256QAM	1	0	17.40	17.43	17.41		
15	256QAM	1	37	17.27	17.39	17.34	19	4.5
15	256QAM	1	74	17.24	17.32	17.31		
15	256QAM	36	0	17.25	17.32	17.24		
15	256QAM	36	20	17.18	17.27	17.23	19	4.5
15	256QAM	36	39	17.19	17.27	17.15		
15	256QAM	75	0	17.28	17.29	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.91	22.00	21.88		
10	QPSK	1	25	21.85	21.96	21.85	23.5	0
10	QPSK	1	49	21.81	21.81	21.77		
10	QPSK	25	0	21.34	21.49	21.34		
10	QPSK	25	12	21.31	21.48	21.32	23	0.5
10	QPSK	25	25	21.29	21.45	21.28		
10	QPSK	50	0	21.50	21.52	21.45		
10	16QAM	1	0	21.19	21.23	21.09		
10	16QAM	1	25	21.07	21.13	21.08	23	0.5
10	16QAM	1	49	20.98	21.07	21.03		
10	16QAM	25	0	20.33	20.41	20.33		
10	16QAM	25	12	20.23	20.32	20.25	22	1.5
10	16QAM	25	25	20.25	20.27	20.23		
10	16QAM	50	0	20.23	20.28	20.17		
10	64QAM	1	0	20.53	20.53	20.55		
10	64QAM	1	25	20.43	20.53	20.49	22	1.5
10	64QAM	1	49	20.39	20.44	20.40		
10	64QAM	25	0	19.27	19.34	19.26		
10	64QAM	25	12	19.19	19.26	19.17	21	2.5
10	64QAM	25	25	19.21	19.29	19.21		
10	64QAM	50	0	19.24	19.30	19.31		
10	256QAM	1	0	17.42	17.46	17.43		
10	256QAM	1	25	17.32	17.36	17.32	19	4.5
10	256QAM	1	49	17.24	17.37	17.27		
10	256QAM	25	0	17.24	17.30	17.27		
10	256QAM	25	12	17.17	17.25	17.21	19	4.5
10	256QAM	25	25	17.18	17.22	17.20		
10	256QAM	50	0	17.29	17.33	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.88	22.00	21.87		
5	QPSK	1	12	21.85	21.92	21.87	23.5	0
5	QPSK	1	24	21.80	21.78	21.77		
5	QPSK	12	0	21.32	21.50	21.36		
5	QPSK	12	7	21.31	21.47	21.32	23	0.5
5	QPSK	12	13	21.31	21.43	21.29		
5	QPSK	25	0	21.49	21.52	21.43		
5	16QAM	1	0	21.17	21.18	21.11		
5	16QAM	1	12	21.06	21.16	21.10	23	0.5
5	16QAM	1	24	20.99	21.10	21.02		
5	16QAM	12	0	20.36	20.41	20.30		
5	16QAM	12	7	20.24	20.35	20.25	22	1.5
5	16QAM	12	13	20.23	20.32	20.23		
5	16QAM	25	0	20.22	20.27	20.20		
5	64QAM	1	0	20.53	20.56	20.53		
5	64QAM	1	12	20.43	20.48	20.48	22	1.5
5	64QAM	1	24	20.34	20.43	20.41		
5	64QAM	12	0	19.31	19.33	19.23		
5	64QAM	12	7	19.19	19.28	19.21	21	2.5
5	64QAM	12	13	19.19	19.26	19.18		
5	64QAM	25	0	19.24	19.30	19.27		
5	256QAM	1	0	17.42	17.48	17.44		
5	256QAM	1	12	17.31	17.41	17.29	19	4.5
5	256QAM	1	24	17.29	17.32	17.32		
5	256QAM	12	0	17.25	17.32	17.27		
5	256QAM	12	7	17.15	17.27	17.24	19	4.5
5	256QAM	12	13	17.17	17.24	17.17		
5	256QAM	25	0	17.30	17.33	17.28		

Band 7_Ant 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				20510	20635	20760		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.80	16.95	16.85		
20	QPSK	1	49	16.80	16.93	16.89	18.5	0
20	QPSK	1	99	16.79	16.89	16.86		
20	QPSK	50	0	16.77	16.90	16.83		
20	QPSK	50	24	16.74	16.79	16.82	18.5	0
20	QPSK	50	50	16.64	16.76	16.84		
20	QPSK	100	0	16.87	16.88	16.85		
20	16QAM	1	0	16.67	16.74	16.68		
20	16QAM	1	49	16.66	16.73	16.70	18.5	0
20	16QAM	1	99	16.61	16.64	16.63		
20	16QAM	50	0	16.69	16.86	16.93		
20	16QAM	50	24	16.64	16.69	16.85	18.5	0
20	16QAM	50	50	16.79	16.89	16.79		
20	16QAM	100	0	16.63	16.72	16.62		
20	64QAM	1	0	16.89	16.87	16.89		
20	64QAM	1	49	16.84	16.89	16.84	18.5	0
20	64QAM	1	99	16.75	16.78	16.71		
20	64QAM	50	0	16.68	16.76	16.67		
20	64QAM	50	24	16.68	16.72	16.68	18.5	0
20	64QAM	50	50	16.64	16.67	16.63		
20	64QAM	100	0	16.60	16.69	16.61		
20	256QAM	1	0	16.69	16.87	16.91		
20	256QAM	1	49	16.92	16.87	16.90	18.5	0
20	256QAM	1	99	16.84	16.89	16.83		
20	256QAM	50	0	16.77	16.84	16.77		
20	256QAM	50	24	16.65	16.75	16.65	18.5	0
20	256QAM	50	50	16.69	16.79	16.70		
20	256QAM	100	0	16.75	16.83	16.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.72	16.93	16.82		
15	QPSK	1	37	16.73	16.84	16.83	18.5	0
15	QPSK	1	74	16.70	16.78	16.73		
15	QPSK	36	0	16.65	16.83	16.77		
15	QPSK	36	20	16.66	16.72	16.76	18.5	0
15	QPSK	36	39	16.51	16.65	16.80		
15	QPSK	75	0	16.78	16.78	16.80		
15	16QAM	1	0	16.61	16.71	16.58		
15	16QAM	1	37	16.58	16.60	16.60	18.5	0
15	16QAM	1	74	16.55	16.52	16.53		
15	16QAM	36	0	16.78	16.81	16.89		
15	16QAM	36	20	16.78	16.81	16.78	18.5	0
15	16QAM	36	39	16.73	16.81	16.77		
15	16QAM	75	0	16.59	16.68	16.59		
15	64QAM	1	0	16.79	16.78	16.76		
15	64QAM	1	37	16.72	16.86	16.74	18.5	0
15	64QAM	1	74	16.70	16.68	16.61		
15	64QAM	36	0	16.59	16.73	16.58		
15	64QAM	36	20	16.55	16.63	16.60	18.5	0
15	64QAM	36	39	16.58	16.65	16.50		
15	64QAM	75	0	16.53	16.59	16.52		
15	256QAM	1	0	16.76	16.79	16.89		
15	256QAM	1	37	16.87	16.74	16.79	18.5	0
15	256QAM	1	74	16.80	16.76	16.77		
15	256QAM	36	0	16.75	16.71	16.66		
15	256QAM	36	20	16.62	16.73	16.58	18.5	0
15	256QAM	36	39	16.60	16.72	16.58		
15	256QAM	75	0	16.67	16.77	16.67		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.78	16.90	16.80		
10	QPSK	1	25	16.70	16.90	16.79	18.5	0
10	QPSK	1	49	16.70	16.78	16.76		
10	QPSK	25	0	16.67	16.82	16.70		
10	QPSK	25	12	16.65	16.76	16.76	18.5	0
10	QPSK	25	25	16.52	16.64	16.77		
10	QPSK	50	0	16.80	16.86	16.82		
10	16QAM	1	0	16.62	16.63	16.57		
10	16QAM	1	25	16.55	16.69	16.68	18.5	0
10	16QAM	1	49	16.54	16.56	16.57		
10	16QAM	25	0	16.76	16.77	16.85		
10	16QAM	25	12	16.75	16.77	16.81	18.5	0
10	16QAM	25	25	16.65	16.76	16.72		
10	16QAM	50	0	16.60	16.59	16.57		
10	64QAM	1	0	16.81	16.78	16.81		
10	64QAM	1	25	16.71	16.80	16.73	18.5	0
10	64QAM	1	49	16.70	16.68	16.65		
10	64QAM	25	0	16.61	16.64	16.60		
10	64QAM	25	12	16.63	16.62	16.59	18.5	0
10	64QAM	25	25	16.56	16.64	16.51		
10	64QAM	50	0	16.50	16.64	16.55		
10	256QAM	1	0	16.83	16.76	16.85		
10	256QAM	1	25	16.87	16.78	16.79	18.5	0
10	256QAM	1	49	16.74	16.87	16.78		
10	256QAM	25	0	16.72	16.79	16.67		
10	256QAM	25	12	16.60	16.63	16.63	18.5	0
10	256QAM	25	25	16.58	16.70	16.65		
10	256QAM	50	0	16.73	16.80	16.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.74	16.89	16.81		
5	QPSK	1	12	16.68	16.89	16.83	18.5	0
5	QPSK	1	24	16.72	16.83	16.73		
5	QPSK	12	0	16.75	16.79	16.80		
5	QPSK	12	7	16.61	16.69	16.74	18.5	0
5	QPSK	12	13	16.58	16.68	16.80		
5	QPSK	25	0	16.82	16.83	16.78		
5	16QAM	1	0	16.83	16.73	16.67		
5	16QAM	1	12	16.56	16.68	16.62	18.5	0
5	16QAM	1	24	16.59	16.53	16.55		
5	16QAM	12	0	16.83	16.73	16.86		
5	16QAM	12	7	16.75	16.79	16.74	18.5	0
5	16QAM	12	13	16.69	16.61	16.71		
5	16QAM	25	0	16.51	16.70	16.53		
5	64QAM	1	0	16.86	16.82	16.77		
5	64QAM	1	12	16.75	16.84	16.81	18.5	0
5	64QAM	1	24	16.88	16.83	16.81		
5	64QAM	12	0	16.57	16.66	16.54		
5	64QAM	12	7	16.55	16.59	16.55	18.5	0
5	64QAM	12	13	16.59	16.53	16.55		
5	64QAM	25	0	16.57	16.61	16.57		
5	256QAM	1	0	16.76	16.74	16.85		
5	256QAM	1	12	16.88	16.82	16.83	18.5	0
5	256QAM	1	24	16.74	16.87	16.72		
5	256QAM	12	0	16.74	16.76	16.74		
5	256QAM	12	7	16.62	16.70	16.61	18.5	0
5	256QAM	12	13	16.61	16.76	16.57		
5	256QAM	25	0	16.65	16.77	16.66		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.85	22.14	21.80		
20	QPSK	1	49	21.79	21.96	21.76	23.5	0
20	QPSK	1	99	21.73	21.93	21.71		
20	QPSK	50	0	21.26	21.35	21.28		
20	QPSK	50	24	21.23	21.30	21.24	22.5	1
20	QPSK	50	50	21.21	21.28	21.25		
20	QPSK	100	0	21.15	21.29	21.21		
20	16QAM	1	0	21.07	21.09	21.07		
20	16QAM	1	49	21.13	21.19	21.10	22.5	1
20	16QAM	1	99	21.04	21.13	21.05		
20	16QAM	50	0	20.23	20.31	20.24		
20	16QAM	50	24	20.24	20.30	20.23	21.5	2
20	16QAM	50	50	20.18	20.25	20.15		
20	16QAM	100	0	20.25	20.29	20.24		
20	64QAM	1	0	20.35	20.40	20.45		
20	64QAM	1	49	20.34	20.43	20.39	21.5	2
20	64QAM	1	99	20.34	20.39	20.35		
20	64QAM	50	0	19.24	19.29	19.19		
20	64QAM	50	24	19.28	19.31	19.22	20.5	3
20	64QAM	50	50	19.20	19.24	19.14		
20	64QAM	100	0	19.15	19.20	19.10		
20	256QAM	1	0	17.29	17.38	17.34		
20	256QAM	1	49	17.22	17.27	17.18	18.5	5
20	256QAM	1	99	17.17	17.21	17.17		
20	256QAM	50	0	17.25	17.33	17.23		
20	256QAM	50	24	17.19	17.24	17.14	18.5	5
20	256QAM	50	50	17.21	17.26	17.19		
20	256QAM	100	0	17.21	17.30	17.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.80	22.05	21.75		
15	QPSK	1	37	21.69	21.86	21.69	23.5	0
15	QPSK	1	74	21.63	21.86	21.61		
15	QPSK	36	0	21.21	21.24	21.20		
15	QPSK	36	20	21.13	21.25	21.15	22.5	1
15	QPSK	36	39	21.14	21.23	21.19		
15	QPSK	75	0	21.05	21.23	21.14		
15	16QAM	1	0	20.99	21.07	20.97		
15	16QAM	1	37	21.04	21.12	21.03	22.5	1
15	16QAM	1	74	20.95	21.06	20.99		
15	16QAM	36	0	20.14	20.22	20.15		
15	16QAM	36	20	20.17	20.22	20.16	21.5	2
15	16QAM	36	39	20.08	20.20	20.05		
15	16QAM	75	0	20.15	20.19	20.19		
15	64QAM	1	0	20.30	20.43	20.40		
15	64QAM	1	37	20.27	20.38	20.34	21.5	2
15	64QAM	1	74	20.25	20.31	20.26		
15	64QAM	36	0	19.15	19.19	19.09		
15	64QAM	36	20	19.21	19.22	19.15	20.5	3
15	64QAM	36	39	19.13	19.19	19.09		
15	64QAM	75	0	19.09	19.15	19.01		
15	256QAM	1	0	17.21	17.30	17.25		
15	256QAM	1	37	17.13	17.18	17.09	18.5	5
15	256QAM	1	74	17.12	17.14	17.08		
15	256QAM	36	0	17.17	17.28	17.18		
15	256QAM	36	20	17.14	17.19	17.08	18.5	5
15	256QAM	36	39	17.15	17.19	17.10		
15	256QAM	75	0	17.11	17.22	17.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.80	22.04	21.73		
10	QPSK	1	25	21.71	21.88	21.69	23.5	0
10	QPSK	1	49	21.67	21.88	21.63		
10	QPSK	25	0	21.16	21.25	21.19		
10	QPSK	25	12	21.12	21.22	21.18	22.5	1
10	QPSK	25	25	21.16	21.20	21.15		
10	QPSK	50	0	21.09	21.22	21.13		
10	16QAM	1	0	20.98	21.10	20.98		
10	16QAM	1	25	21.08	21.09	21.02	22.5	1
10	16QAM	1	49	20.95	21.08	21.00		
10	16QAM	25	0	20.16	20.22	20.15		
10	16QAM	25	12	20.17	20.20	20.17	21.5	2
10	16QAM	25	25	20.13	20.16	20.07		
10	16QAM	50	0	20.16	20.22	20.14		
10	64QAM	1	0	20.29	20.39	20.39		
10	64QAM	1	25	20.24	20.36	20.30	21.5	2
10	64QAM	1	49	20.27	20.30	20.29		
10	64QAM	25	0	19.15	19.21	19.09		
10	64QAM	25	12	19.18	19.26	19.14	20.5	3
10	64QAM	25	25	19.12	19.16	19.04		
10	64QAM	50	0	19.05	19.13	19.04		
10	256QAM	1	0	17.19	17.32	17.27		
10	256QAM	1	25	17.13	17.18	17.08	18.5	5
10	256QAM	1	49	17.07	17.18	17.09		
10	256QAM	25	0	17.19	17.24	17.15		
10	256QAM	25	12	17.10	17.16	17.04	18.5	5
10	256QAM	25	25	17.16	17.18	17.14		
10	256QAM	50	0	17.13	17.20	17.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.78	22.05	21.70		
5	QPSK	1	12	21.72	21.89	21.72	23.5	0
5	QPSK	1	24	21.68	21.85	21.64		
5	QPSK	12	0	21.20	21.26	21.19		
5	QPSK	12	7	21.18	21.20	21.15	22.5	1
5	QPSK	12	13	21.15	21.19	21.17		
5	QPSK	25	0	21.10	21.22	21.11		
5	16QAM	1	0	21.00	21.08	20.99		
5	16QAM	1	12	21.06	21.10	21.05	22.5	1
5	16QAM	1	24	20.98	21.07	20.97		
5	16QAM	12	0	20.17	20.22	20.17		
5	16QAM	12	7	20.14	20.25	20.16	21.5	2
5	16QAM	12	13	20.13	20.21	20.09		
5	16QAM	25	0	20.20	20.24	20.15		
5	64QAM	1	0	20.33	20.39	20.35		
5	64QAM	1	12	20.27	20.33	20.31	21.5	2
5	64QAM	1	24	20.29	20.30	20.25		
5	64QAM	12	0	19.16	19.24	19.12		
5	64QAM	12	7	19.21	19.22	19.17	20.5	3
5	64QAM	12	13	19.12	19.12	19.07		
5	64QAM	25	0	19.06	19.14	19.01		
5	256QAM	1	0	17.21	17.30	17.28		
5	256QAM	1	12	17.13	17.19	17.08	18.5	5
5	256QAM	1	24	17.07	17.11	17.12		
5	256QAM	12	0	17.17	17.23	17.18		
5	256QAM	12	7	17.12	17.16	17.04	18.5	5
5	256QAM	12	13	17.13	17.16	17.11		
5	256QAM	25	0	17.15	17.22	17.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.78	22.09	21.74		
3	QPSK	1	8	21.73	21.89	21.70	23.5	0
3	QPSK	1	14	21.68	21.85	21.65		
3	QPSK	8	0	21.20	21.25	21.23		
3	QPSK	8	4	21.15	21.22	21.19	22.5	1
3	QPSK	8	7	21.13	21.21	21.16		
3	QPSK	15	0	21.10	21.19	21.15		
3	16QAM	1	0	21.02	21.06	20.99		
3	16QAM	1	8	21.07	21.11	21.05	22.5	1
3	16QAM	1	14	20.98	21.05	20.96		
3	16QAM	8	0	20.13	20.23	20.16		
3	16QAM	8	4	20.15	20.25	20.17	21.5	2
3	16QAM	8	7	20.08