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 %

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power level/Default Power level/ Pmax Power Level for WWAN

	Ant0 Default Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.56	32.73	33.50	23.26	23.56	23.73	24.50
GPRS 1 Tx slot	32.25	32.53	32.72	33.50	23.25	23.53	23.72	24.50
GPRS 2 Tx slots	29.34	29.23	29.27	30.00	23.34	23.23	23.27	24.00
GPRS 3 Tx slots	28.11	28.28	28.26	29.50	23.85	24.02	24.00	25.24
GPRS 4 Tx slots	26.52	26.32	26.27	27.50	23.52	23.32	23.27	24.50
EDGE 1 Tx slot	25.70	25.64	25.69	27.00	16.70	16.64	16.69	18.00
EDGE 2 Tx slots	23.92	23.95	24.02	25.00	17.92	17.95	18.02	19.00
EDGE 3 Tx slots	22.77	22.75	22.77	24.00	18.51	18.49	18.51	19.74
EDGE 4 Tx slots	20.69	20.72	20.73	22.00	17.69	17.72	17.73	19.00

	Ant0 Default Power							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.05	30.06	29.96	30.50	21.05	21.06	20.96	21.50
GPRS 1 Tx slot	30.04	30.05	29.93	30.50	21.04	21.05	20.93	21.50
GPRS 2 Tx slots	26.82	26.35	26.66	27.50	20.82	20.35	20.66	21.50
GPRS 3 Tx slots	25.33	25.35	25.19	26.50	21.07	21.09	20.93	22.24
GPRS 4 Tx slots	23.19	23.24	22.78	24.00	20.19	20.24	19.78	21.00
EDGE 1 Tx slot	25.11	25.03	25.21	26.50	16.11	16.03	16.21	17.50
EDGE 2 Tx slots	23.59	23.50	23.57	24.50	17.59	17.50	17.57	18.50
EDGE 3 Tx slots	22.46	22.37	22.55	23.50	18.20	18.11	18.29	19.24
EDGE 4 Tx slots	20.04	20.01	20.10	21.00	17.04	17.01	17.10	18.00

		Ant0 Default Power				Ant0 Default Power				Ant0 Default Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.19	24.16	25.00	24.10	24.21	24.13	25.00	23.74	23.94	23.94	25.00
3GPP Rel 99	RMC 12.2Kbps	24.16	24.24	24.18	25.00	24.12	24.23	24.14	25.00	23.76	23.99	23.96	25.00
3GPP Rel 6	HSDPA Subtest-1	23.22	23.19	23.34	24.00	23.40	23.51	23.31	24.00	23.02	23.06	23.03	24.00
3GPP Rel 6	HSDPA Subtest-2	23.19	23.23	23.34	24.00	23.35	23.43	23.29	24.00	22.62	23.04	23.03	24.00
3GPP Rel 6	HSDPA Subtest-3	22.68	22.74	22.84	23.50	22.84	22.95	22.82	23.50	22.50	22.51	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.67	22.71	22.43	23.50	22.86	23.00	22.80	23.50	22.61	22.55	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.91	22.98	23.06	24.00	23.07	23.17	23.00	24.00	22.78	22.85	22.78	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.90	23.03	23.03	24.00	23.14	23.11	23.05	24.00	22.38	22.76	22.69	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.52	22.61	23.50	22.51	22.70	22.50	23.50	22.26	22.27	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.41	22.38	22.11	23.50	22.60	22.68	22.51	23.50	22.29	22.21	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	22.37	22.44	22.17	24.00	22.37	22.50	22.15	24.00	22.38	22.37	22.17	24.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.20	21.31	22.00	21.34	21.40	21.32	22.00	21.00	21.01	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	22.21	22.13	22.34	23.00	22.36	22.44	22.26	23.00	22.00	21.98	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	21.23	21.19	21.30	22.00	21.30	21.42	21.28	22.00	20.99	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.30	24.00	23.12	23.40	23.30	24.00	23.00	23.00	23.10	24.00

Band 2 (1900MHz Band) Ant0 Default Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.82	22.73	24	0
20	QPSK	1	49	22.72	22.64	22.71		
20	QPSK	1	99	22.62	22.69	22.66		
20	QPSK	50	0	22.74	22.81	22.74		
20	QPSK	50	24	22.80	22.78	22.74	24	0
20	QPSK	50	50	22.68	22.76	22.72		
20	QPSK	100	0	22.79	22.81	22.77		
20	16QAM	1	0	22.66	22.73	22.59		
20	16QAM	1	49	22.64	22.52	22.58	24	0
20	16QAM	1	99	22.55	22.60	22.56		
20	16QAM	50	0	22.68	22.69	22.66		
20	16QAM	50	24	22.73	22.73	22.65	24	0
20	16QAM	50	50	22.61	22.69	22.63		
20	16QAM	100	0	22.71	22.75	22.70		
20	64QAM	1	0	22.66	22.59	22.60		
20	64QAM	1	49	22.59	22.56	22.58	24	0
20	64QAM	1	99	22.55	22.57	22.57		
20	64QAM	50	0	22.62	22.70	22.65		
20	64QAM	50	24	22.71	22.70	22.69	24	0
20	64QAM	50	50	22.62	22.68	22.60		
20	64QAM	100	0	22.77	22.71	22.76		
20	256QAM	1	0	19.51	19.48	19.49		
20	256QAM	1	49	19.58	19.58	19.60	20	4
20	256QAM	1	99	19.41	19.41	19.43		
20	256QAM	50	0	19.10	19.09	19.10		
20	256QAM	50	24	19.05	19.08	19.05	20	4
20	256QAM	50	50	19.05	19.03	19.04		
20	256QAM	100	0	19.08	19.06	19.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.62	22.78	22.60		
15	QPSK	1	37	22.62	22.58	22.62	24	0
15	QPSK	1	74	22.56	22.58	22.59		
15	QPSK	36	0	22.61	22.71	22.64		
15	QPSK	36	20	22.75	22.69	22.65	24	0
15	QPSK	36	39	22.63	22.70	22.58		
15	QPSK	75	0	22.73	22.70	22.74		
15	16QAM	1	0	22.52	22.61	22.53		
15	16QAM	1	37	22.52	22.42	22.47	24	0
15	16QAM	1	74	22.42	22.51	22.45		
15	16QAM	36	0	22.58	22.54	22.57		
15	16QAM	36	20	22.66	22.66	22.55	24	0
15	16QAM	36	39	22.53	22.57	22.54		
15	16QAM	75	0	22.61	22.63	22.61		
15	64QAM	1	0	22.55	22.66	22.49		
15	64QAM	1	37	22.53	22.42	22.44	24	0
15	64QAM	1	74	22.47	22.44	22.51		
15	64QAM	36	0	22.52	22.63	22.56		
15	64QAM	36	20	22.57	22.57	22.58	24	0
15	64QAM	36	39	22.50	22.54	22.52		
15	64QAM	75	0	22.70	22.65	22.68		
15	256QAM	1	0	19.48	19.44	19.46		
15	256QAM	1	37	19.54	19.52	19.54	20	4
15	256QAM	1	74	19.37	19.39	19.40		
15	256QAM	36	0	19.05	19.06	19.08		
15	256QAM	36	20	19.01	19.05	19.01	20	4
15	256QAM	36	39	19.01	18.99	19.01		
15	256QAM	75	0	19.03	19.01	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.59	22.71	22.59		
10	QPSK	1	25	22.62	22.55	22.65	24	0
10	QPSK	1	49	22.53	22.63	22.58		
10	QPSK	25	0	22.67	22.72	22.63		
10	QPSK	25	12	22.69	22.70	22.65	24	0
10	QPSK	25	25	22.53	22.66	22.59		
10	QPSK	50	0	22.77	22.67	22.73		
10	16QAM	1	0	22.59	22.61	22.46		
10	16QAM	1	25	22.52	22.36	22.48	24	0
10	16QAM	1	49	22.42	22.45	22.42		
10	16QAM	25	0	22.54	22.56	22.59		
10	16QAM	25	12	22.60	22.64	22.58	24	0
10	16QAM	25	25	22.51	22.57	22.56		
10	16QAM	50	0	22.60	22.66	22.59		
10	64QAM	1	0	22.53	22.66	22.47		
10	64QAM	1	25	22.51	22.46	22.48	24	0
10	64QAM	1	49	22.40	22.44	22.51		
10	64QAM	25	0	22.49	22.62	22.52		
10	64QAM	25	12	22.63	22.61	22.59	24	0
10	64QAM	25	25	22.49	22.60	22.54		
10	64QAM	50	0	22.66	22.60	22.71		
10	256QAM	1	0	19.46	19.45	19.46		
10	256QAM	1	25	19.52	19.54	19.55	20	4
10	256QAM	1	49	19.38	19.36	19.39		
10	256QAM	25	0	19.07	19.03	19.08		
10	256QAM	25	12	19.01	19.03	19.01	20	4
10	256QAM	25	25	19.01	18.97	18.99		
10	256QAM	50	0	19.06	19.01	19.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.60	22.80	22.64		
5	QPSK	1	12	22.65	22.56	22.59	24	0
5	QPSK	1	24	22.47	22.58	22.58		
5	QPSK	12	0	22.68	22.68	22.60		
5	QPSK	12	7	22.71	22.76	22.62	24	0
5	QPSK	12	13	22.57	22.66	22.60		
5	QPSK	25	0	22.73	22.66	22.72		
5	16QAM	1	0	22.60	22.64	22.53		
5	16QAM	1	12	22.49	22.42	22.49	24	0
5	16QAM	1	24	22.50	22.48	22.46		
5	16QAM	12	0	22.55	22.56	22.55		
5	16QAM	12	7	22.67	22.67	22.51	24	0
5	16QAM	12	13	22.48	22.52	22.50		
5	16QAM	25	0	22.60	22.69	22.57		
5	64QAM	1	0	22.54	22.69	22.53		
5	64QAM	1	12	22.52	22.44	22.52	24	0
5	64QAM	1	24	22.49	22.42	22.46		
5	64QAM	12	0	22.56	22.58	22.55		
5	64QAM	12	7	22.61	22.56	22.55	24	0
5	64QAM	12	13	22.52	22.59	22.50		
5	64QAM	25	0	22.65	22.62	22.66		
5	256QAM	1	0	19.48	19.45	19.44		
5	256QAM	1	12	19.55	19.53	19.57	20	4
5	256QAM	1	24	19.38	19.36	19.39		
5	256QAM	12	0	19.06	19.03	19.08		
5	256QAM	12	7	19.01	19.06	19.03	20	4
5	256QAM	12	13	19.00	18.97	19.01		
5	256QAM	25	0	19.02	19.03	19.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.76	22.68		
3	QPSK	1	8	22.67	22.54	22.66	24	0
3	QPSK	1	14	22.50	22.57	22.59		
3	QPSK	8	0	22.68	22.76	22.68		
3	QPSK	8	4	22.72	22.76	22.62	24	0
3	QPSK	8	7	22.61	22.69	22.59		
3	QPSK	15	0	22.70	22.67	22.70		
3	16QAM	1	0	22.60	22.60	22.46		
3	16QAM	1	8	22.56	22.45	22.50	24	0
3	16QAM	1	14	22.47	22.49	22.50		
3	16QAM	8	0	22.53	22.58	22.51		
3	16QAM	8	4	22.61	22.66	22.52	24	0
3	16QAM	8	7	22.55	22.59	22.53		
3	16QAM	15	0	22.65	22.69	22.64		
3	64QAM	1	0	22.58	22.67	22.48		
3	64QAM	1	8	22.48	22.43	22.46	24	0
3	64QAM	1	14	22.44	22.47	22.46		
3	64QAM	8	0	22.49	22.63	22.59		
3	64QAM	8	4	22.60	22.60	22.60	24	0
3	64QAM	8	7	22.56	22.58	22.50		
3	64QAM	15	0	22.70	22.62	22.67		
3	256QAM	1	0	19.46	19.43	19.47		
3	256QAM	1	8	19.55	19.55	19.55	20	4
3	256QAM	1	14	19.39	19.37	19.41		
3	256QAM	8	0	19.07	19.07	19.07		
3	256QAM	8	4	19.02	19.04	19.00	20	4
3	256QAM	8	7	19.01	19.00	18.99		
3	256QAM	15	0	19.03	19.04	19.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.60	22.80	22.60		
1.4	QPSK	1	3	22.60	22.58	22.62		
1.4	QPSK	1	5	22.54	22.60	22.57	24	0
1.4	QPSK	3	0	22.63	22.72	22.66		
1.4	QPSK	3	1	22.72	22.70	22.69		
1.4	QPSK	3	3	22.54	22.65	22.63		
1.4	QPSK	6	0	22.69	22.66	22.72	24	0
1.4	16QAM	1	0	22.59	22.67	22.51		
1.4	16QAM	1	3	22.49	22.41	22.52		
1.4	16QAM	1	5	22.44	22.54	22.43	24	0
1.4	16QAM	3	0	22.63	22.59	22.56		
1.4	16QAM	3	1	22.65	22.58	22.52		
1.4	16QAM	3	3	22.47	22.58	22.52		
1.4	16QAM	6	0	22.57	22.67	22.59	24	0
1.4	64QAM	1	0	22.58	22.65	22.52		
1.4	64QAM	1	3	22.46	22.44	22.47		
1.4	64QAM	1	5	22.42	22.45	22.46	24	0
1.4	64QAM	3	0	22.52	22.59	22.60		
1.4	64QAM	3	1	22.61	22.57	22.58		
1.4	64QAM	3	3	22.48	22.62	22.48		
1.4	64QAM	6	0	22.70	22.59	22.68	24	0
1.4	256QAM	1	0	19.47	19.57	19.44		
1.4	256QAM	1	3	19.54	19.55	19.56		
1.4	256QAM	1	5	19.37	19.38	19.38	20	4
1.4	256QAM	3	0	19.05	19.04	19.05		
1.4	256QAM	3	1	19.00	19.03	19.03		
1.4	256QAM	3	3	19.01	19.00	18.99		
1.4	256QAM	6	0	19.06	19.04	19.04	20	4

Band 4 (AWS Band) Ant0 Default Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.02	23.12	22.91	24	0
20	QPSK	1	49	22.96	22.85	22.89		
20	QPSK	1	99	22.73	22.85	22.76		
20	QPSK	50	0	22.95	23.08	22.87		
20	QPSK	50	24	23.02	22.89	22.96	24	0
20	QPSK	50	50	22.86	22.94	22.84		
20	QPSK	100	0	23.00	23.05	22.90		
20	16QAM	1	0	22.88	22.97	22.76		
20	16QAM	1	49	22.89	22.76	22.83	24	0
20	16QAM	1	99	22.67	22.67	22.59		
20	16QAM	50	0	22.81	22.85	22.76		
20	16QAM	50	24	22.90	22.90	22.88	24	0
20	16QAM	50	50	22.80	22.84	22.72		
20	16QAM	100	0	22.90	22.77	22.80		
20	64QAM	1	0	22.95	23.01	22.76		
20	64QAM	1	49	22.84	22.72	22.76	24	0
20	64QAM	1	99	22.59	22.63	22.54		
20	64QAM	50	0	22.82	22.86	22.74		
20	64QAM	50	24	22.97	22.84	22.86	24	0
20	64QAM	50	50	22.75	22.80	22.77		
20	64QAM	100	0	22.94	22.79	22.81		
20	256QAM	1	0	19.12	19.15	18.80		
20	256QAM	1	49	19.17	19.21	19.17	20	4
20	256QAM	1	99	18.93	18.96	18.87		
20	256QAM	50	0	19.07	19.13	18.77		
20	256QAM	50	24	19.19	19.24	19.22	20	4
20	256QAM	50	50	18.82	18.87	18.83		
20	256QAM	100	0	18.72	18.75	18.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	23.04	22.84		
15	QPSK	1	37	22.86	22.75	22.75	24	0
15	QPSK	1	74	22.66	22.62	22.55		
15	QPSK	36	0	22.87	22.86	22.81		
15	QPSK	36	20	22.90	22.79	22.89	24	0
15	QPSK	36	39	22.63	22.70	22.58		
15	QPSK	75	0	22.94	22.74	22.77		
15	16QAM	1	0	22.83	22.87	22.69		
15	16QAM	1	37	22.82	22.62	22.72	24	0
15	16QAM	1	74	22.62	22.60	22.44		
15	16QAM	36	0	22.75	22.75	22.64		
15	16QAM	36	20	22.78	22.69	22.77	24	0
15	16QAM	36	39	22.70	22.70	22.67		
15	16QAM	75	0	22.65	22.70	22.58		
15	64QAM	1	0	22.87	22.87	22.87		
15	64QAM	1	37	22.76	22.62	22.69	24	0
15	64QAM	1	74	22.49	22.50	22.39		
15	64QAM	36	0	22.71	22.80	22.60		
15	64QAM	36	20	22.87	22.70	22.75	24	0
15	64QAM	36	39	22.61	22.69	22.63		
15	64QAM	75	0	22.88	22.64	22.67		
15	256QAM	1	0	18.94	19.14	18.84		
15	256QAM	1	37	18.98	18.97	19.23	20	4
15	256QAM	1	74	18.74	18.88	18.81		
15	256QAM	36	0	19.12	19.24	18.81		
15	256QAM	36	20	19.17	18.93	19.28	20	4
15	256QAM	36	39	18.99	19.06	18.89		
15	256QAM	75	0	18.65	18.70	18.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.92	23.09	22.85	24	0
10	QPSK	1	25	22.88	22.85	22.80		
10	QPSK	1	49	22.73	22.63	22.63		
10	QPSK	25	0	22.89	22.93	22.82		
10	QPSK	25	12	22.99	22.89	22.93	24	0
10	QPSK	25	25	22.83	22.98	22.75		
10	QPSK	50	0	22.96	22.83	22.82		
10	16QAM	1	0	22.87	22.92	22.76		
10	16QAM	1	25	22.85	22.70	22.74	24	0
10	16QAM	1	49	22.66	22.65	22.53		
10	16QAM	25	0	22.78	22.82	22.71		
10	16QAM	25	12	22.88	22.77	22.78	24	0
10	16QAM	25	25	22.77	22.79	22.75		
10	16QAM	50	0	22.76	22.74	22.78		
10	64QAM	1	0	22.95	22.95	22.69		
10	64QAM	1	25	22.78	22.68	22.76	24	0
10	64QAM	1	49	22.51	22.52	22.47		
10	64QAM	25	0	22.77	22.82	22.68		
10	64QAM	25	12	22.94	22.75	22.88	24	0
10	64QAM	25	25	22.62	22.73	22.64		
10	64QAM	50	0	22.97	22.68	22.70		
10	256QAM	1	0	19.25	19.42	18.99		
10	256QAM	1	25	18.97	19.04	19.25	20	4
10	256QAM	1	49	19.00	19.07	18.98		
10	256QAM	25	0	18.81	19.25	18.85		
10	256QAM	25	12	19.23	19.13	19.24	20	4
10	256QAM	25	25	18.96	19.07	18.79		
10	256QAM	50	0	18.86	18.94	18.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.83	23.05	22.77	24	0
5	QPSK	1	12	22.81	22.80	22.73		
5	QPSK	1	24	22.70	22.58	22.56		
5	QPSK	12	0	22.81	22.85	22.81		
5	QPSK	12	7	22.91	22.83	22.93	24	0
5	QPSK	12	13	22.78	22.88	22.66		
5	QPSK	25	0	22.91	22.79	22.81		
5	16QAM	1	0	22.86	22.85	22.71		
5	16QAM	1	12	22.82	22.82	22.65	24	0
5	16QAM	1	24	22.52	22.55	22.47		
5	16QAM	12	0	22.76	22.82	22.64		
5	16QAM	12	7	22.85	22.74	22.72	24	0
5	16QAM	12	13	22.74	22.69	22.69		
5	16QAM	25	0	22.69	22.69	22.76		
5	64QAM	1	0	22.88	22.88	22.65		
5	64QAM	1	12	22.69	22.62	22.74	24	0
5	64QAM	1	24	22.48	22.49	22.40		
5	64QAM	12	0	22.75	22.77	22.63		
5	64QAM	12	7	22.92	22.70	22.85	24	0
5	64QAM	12	13	22.57	22.70	22.54		
5	64QAM	25	0	22.97	22.67	22.66		
5	256QAM	1	0	19.29	19.02	19.10		
5	256QAM	1	12	19.07	19.25	19.11	20	4
5	256QAM	1	24	19.17	18.87	18.96		
5	256QAM	12	0	19.33	19.03	18.95		
5	256QAM	12	7	19.34	19.13	19.12	20	4
5	256QAM	12	13	19.05	19.15	19.02		
5	256QAM	25	0	18.91	18.83	18.57		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.81	23.00	22.73	24	0
3	QPSK	1	8	22.81	22.71	22.66		
3	QPSK	1	14	22.61	22.56	22.54		
3	QPSK	8	0	22.79	22.84	22.72		
3	QPSK	8	4	22.84	22.75	22.92	24	0
3	QPSK	8	7	22.69	22.84	22.57		
3	QPSK	15	0	22.89	22.77	22.80		
3	16QAM	1	0	22.83	22.78	22.65		
3	16QAM	1	8	22.75	22.68	22.59	24	0
3	16QAM	1	14	22.45	22.54	22.42		
3	16QAM	8	0	22.74	22.80	22.57		
3	16QAM	8	4	22.80	22.67	22.68	24	0
3	16QAM	8	7	22.71	22.63	22.70		
3	16QAM	15	0	22.63	22.60	22.66		
3	64QAM	1	0	22.83	22.82	22.65		
3	64QAM	1	8	22.62	22.55	22.67	24	0
3	64QAM	1	14	22.47	22.39	22.36		
3	64QAM	8	0	22.67	22.74	22.59		
3	64QAM	8	4	22.92	22.63	22.82	24	0
3	64QAM	8	7	22.48	22.65	22.48		
3	64QAM	15	0	22.92	22.58	22.82		
3	256QAM	1	0	18.84	18.94	19.06		
3	256QAM	1	8	19.18	19.23	19.14	20	4
3	256QAM	1	14	19.16	19.21	18.94		
3	256QAM	8	0	19.05	19.10	18.95		
3	256QAM	8	4	19.36	19.26	19.30	20	4
3	256QAM	8	7	19.09	18.95	19.02		
3	256QAM	15	0	19.02	18.97	18.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	22.96	22.73	24	0
1.4	QPSK	1	3	22.73	22.78	22.66		
1.4	QPSK	1	5	22.62	22.57	22.53		
1.4	QPSK	3	0	22.71	22.81	22.74		
1.4	QPSK	3	1	22.89	22.79	22.91		
1.4	QPSK	3	3	22.70	22.80	22.59		
1.4	QPSK	6	0	22.88	22.74	22.72	24	0
1.4	16QAM	1	0	22.81	22.75	22.62		
1.4	16QAM	1	3	22.73	22.63	22.64		
1.4	16QAM	1	5	22.45	22.45	22.44	24	0
1.4	16QAM	3	0	22.71	22.75	22.63		
1.4	16QAM	3	1	22.76	22.86	22.63		
1.4	16QAM	3	3	22.68	22.60	22.68		
1.4	16QAM	6	0	22.67	22.59	22.71	24	0
1.4	64QAM	1	0	22.83	22.81	22.81		
1.4	64QAM	1	3	22.62	22.52	22.72		
1.4	64QAM	1	5	22.39	22.42	22.51	24	0
1.4	64QAM	3	0	22.65	22.71	22.62		
1.4	64QAM	3	1	22.86	22.64	22.83		
1.4	64QAM	3	3	22.54	22.62	22.50		
1.4	64QAM	6	0	22.97	22.61	22.64	24	0
1.4	256QAM	1	0	18.89	18.96	18.88		
1.4	256QAM	1	3	19.16	19.28	19.37		
1.4	256QAM	1	5	19.18	19.00	19.07	20	4
1.4	256QAM	3	0	19.28	19.13	19.07		
1.4	256QAM	3	1	19.17	19.23	19.13		
1.4	256QAM	3	3	18.93	18.98	19.04		
1.4	256QAM	6	0	18.92	18.84	18.72	20	4

Band 5 (Celluar Band) Ant0 Default Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.86	22.81	24	0
10	QPSK	1	25	22.71	22.84	22.73		
10	QPSK	1	49	22.47	22.74	22.68		
10	QPSK	25	0	22.72	22.77	22.76		
10	QPSK	25	12	22.72	22.75	22.75	24	0
10	QPSK	25	25	22.69	22.74	22.72		
10	QPSK	50	0	22.74	22.76	22.73		
10	16QAM	1	0	22.66	22.80	22.73		
10	16QAM	1	25	22.64	22.79	22.72	24	0
10	16QAM	1	49	22.44	22.75	22.59		
10	16QAM	25	0	22.70	22.74	22.73		
10	16QAM	25	12	22.73	22.71	22.72	24	0
10	16QAM	25	25	22.62	22.67

Band 12 (700MHz Low Band) Ant0 Default Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.93	22.76	24	0
10	QPSK	1	25	22.88	22.91	22.81		
10	QPSK	1	49	22.85	22.70	22.84		
10	QPSK	25	0	22.89	22.92	22.90		
10	QPSK	25	12	22.90	22.91	22.83	24	0
10	QPSK	25	25	22.90	22.88	22.85		
10	QPSK	50	0	22.79	22.91	22.76		
10	16QAM	1	0	22.66	22.83	22.70		
10	16QAM	1	25	22.78	22.88	22.72	24	0
10	16QAM	1	49	22.82	22.77	22.79		
10	16QAM	25	0	22.83	22.70	22.89		
10	16QAM	25	12	22.87	22.83	22.81	24	0
10	16QAM	25	25	22.88	22.82	22.82		
10	16QAM	50	0	22.76	22.85	22.68		
10	64QAM	1	0	22.67	22.92	22.68		
10	64QAM	1	25	22.84	22.81	22.72	24	0
10	64QAM	1	49	22.77	22.77	22.79		
10	64QAM	25	0	22.86	22.72	22.87		
10	64QAM	25	12	22.80	22.86	22.79	24	0
10	64QAM	25	25	22.81	22.79	22.82		
10	64QAM	50	0	22.71	22.85	22.68		
10	256QAM	1	0	19.17	19.41	19.14		
10	256QAM	1	25	18.98	19.28	19.22	20	4
10	256QAM	1	49	19.31	19.28	18.95		
10	256QAM	25	0	19.46	19.46	19.48		
10	256QAM	25	12	19.67	19.50	19.40	20	4
10	256QAM	25	25	19.31	19.17	19.20		
10	256QAM	50	0	19.22	19.02	19.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.68	22.83	22.74	24	0
5	QPSK	1	12	22.82	22.84	22.79		
5	QPSK	1	24	22.78	22.70	22.77		
5	QPSK	12	0	22.87	22.70	22.87		
5	QPSK	12	7	22.81	22.85	22.77	24	0
5	QPSK	12	13	22.81	22.83	22.76		
5	QPSK	25	0	22.70	22.85	22.74		
5	16QAM	1	0	22.60	22.74	22.67		
5	16QAM	1	12	22.68	22.84	22.68	24	0
5	16QAM	1	24	22.76	22.74	22.73		
5	16QAM	12	0	22.76	22.65	22.88		
5	16QAM	12	7	22.81	22.83	22.74	24	0
5	16QAM	12	13	22.80	22.72	22.74		
5	16QAM	25	0	22.66	22.81	22.66		
5	64QAM	1	0	22.58	22.88	22.63		
5	64QAM	1	12	22.78	22.73	22.63	24	0
5	64QAM	1	24	22.73	22.69	22.74		
5	64QAM	12	0	22.86	22.72	22.79		
5	64QAM	12	7	22.70	22.84	22.72	24	0
5	64QAM	12	13	22.79	22.79	22.73		
5	64QAM	25	0	22.67	22.77	22.67		
5	256QAM	1	0	19.01	19.36	19.25		
5	256QAM	1	12	18.92	18.97	19.27	20	4
5	256QAM	1	24	19.23	19.03	18.95		
5	256QAM	12	0	19.16	19.54	19.19		
5	256QAM	12	7	19.37	19.44	19.33	20	4
5	256QAM	12	13	19.21	19.36	19.05		
5	256QAM	25	0	19.17	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.60	22.84	22.72	24	0
3	QPSK	1	8	22.89	22.86	22.77		
3	QPSK	1	14	22.78	22.77	22.82		
3	QPSK	8	0	22.83	22.78	22.80		
3	QPSK	8	4	22.82	22.90	22.79	24	0
3	QPSK	8	7	22.84	22.79	22.86		
3	QPSK	15	0	22.71	22.90	22.70		
3	16QAM	1	0	22.64	22.81	22.72		
3	16QAM	1	8	22.75	22.76	22.67	24	0
3	16QAM	1	14	22.82	22.79	22.80		
3	16QAM	8	0	22.78	22.69	22.90		
3	16QAM	8	4	22.77	22.76	22.82	24	0
3	16QAM	8	7	22.88	22.81	22.75		
3	16QAM	15	0	22.72	22.76	22.67		
3	64QAM	1	0	22.59	22.91	22.62		
3	64QAM	1	8	22.74	22.79	22.72	24	0
3	64QAM	1	14	22.73	22.75	22.80		
3	64QAM	8	0	22.77	22.63	22.86		
3	64QAM	8	4	22.72	22.87	22.74	24	0
3	64QAM	8	7	22.75	22.74	22.80		
3	64QAM	15	0	22.66	22.77	22.58		
3	256QAM	1	0	19.18	19.06	19.21		
3	256QAM	1	8	18.81	18.99	19.17	20	4
3	256QAM	1	14	19.05	19.17	18.90		
3	256QAM	8	0	19.47	19.35	19.37		
3	256QAM	8	4	19.54	19.44	19.43	20	4
3	256QAM	8	7	19.52	19.13	19.26		
3	256QAM	15	0	19.20	18.70	18.89		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.58	22.84	22.70	24	0
1.4	QPSK	1	3	22.76	22.81	22.70		
1.4	QPSK	1	5	22.72	22.74	22.77		
1.4	QPSK	3	0	22.82	22.68	22.80		
1.4	QPSK	3	1	22.77	22.82	22.74		
1.4	QPSK	3	3	22.80	22.77	22.77		
1.4	QPSK	6	0	22.76	22.88	22.66	24	0
1.4	16QAM	1	0	22.62	22.75	22.59	24	0
1.4	16QAM	1	3	22.76	22.76	22.61		
1.4	16QAM	1	5	22.71	22.70	22.70		
1.4	16QAM	3	0	22.80	22.68	22.85		
1.4	16QAM	3	1	22.83	22.72	22.69		
1.4	16QAM	3	3	22.85	22.74	22.71		
1.4	16QAM	6	0	22.68	22.81	22.64	24	0
1.4	64QAM	1	0	22.60	22.82	22.64	24	0
1.4	64QAM	1	3	22.75	22.65	22.64		
1.4	64QAM	1	5	22.66	22.62	22.70		
1.4	64QAM	3	0	22.80	22.66	22.82		
1.4	64QAM	3	1	22.72	22.85	22.76		
1.4	64QAM	3	3	22.70	22.67	22.76		
1.4	64QAM	6	0	22.65	22.78	22.64	24	0
1.4	256QAM	1	0	19.16	19.23	19.06	20	4
1.4	256QAM	1	3	18.97	19.02	19.36		
1.4	256QAM	1	5	19.03	19.39	18.95		
1.4	256QAM	3	0	19.54	19.33	19.25		
1.4	256QAM	3	1	19.27	19.13	19.25		
1.4	256QAM	3	3	19.14	19.26	19.31		
1.4	256QAM	6	0	19.43	18.98	19.31	20	4

3.52

Band 13(700MHz Band) Ant0 Default Power Part 27F

BW [MHz]	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		23.22		24	0
10	QPSK	1	25		22.9			
10	QPSK	1	49		22.88			
10	QPSK	25	0		22.93			
10	QPSK	25	12		22.89		24	0
10	QPSK	25	25		22.91			
10	QPSK	50	0		22.88			
10	16QAM	1	0		23.06			
10	16QAM	1	25		23.09		24	0
10	16QAM	1	49		23.07			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.38		23	1
10	16QAM	25	25		22.36			
10	16QAM	50	0		22.3			
10	64QAM	1	0		23.04			
10	64QAM	1	25		23.13		24	0
10	64QAM	1	49		23.01			
10	64QAM	25	0		22.22			
10	64QAM	25	12		22.34		23	1
10	64QAM	25	25		22.38			
10	64QAM	50	0		22.31			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.78		20	4
10	256QAM	1	49		19.64			
10	256QAM	25	0		19.64			
10	256QAM	25	12		19.79		20	4
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.66			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.71	22.76	24	0
5	QPSK	1	12	22.75	22.81	22.87		
5	QPSK	1	24	22.70	22.83	22.81		
5	QPSK	12	0	22.69	22.69	22.79		
5	QPSK	12	7	22.83	22.74	22.91	24	0
5	QPSK	12	13	22.76	22.83	22.88		
5	QPSK	25	0	22.78	22.73	22.83		
5	16QAM	1	0	23.12	23.14	23.20		
5	16QAM	1	12	23.21	23.07	23.20	24	0
5	16QAM	1	24	23.21	23.07	23.04		
5	16QAM	12	0	22.21	22.17	22.46		
5	16QAM	12	7	22.14	22.32	22.38	23	1
5	16QAM	12	13	22.14	22.40	22.24		
5	16QAM	25	0	22.17	22.29	22.27		
5	64QAM	1	0	22.87	22.90	22.97		
5	64QAM	1	12	23.03	22.99	23.09	24	0
5	64QAM	1	24	22.91	23.02	22.87		
5	64QAM	12	0	22.20	22.20	22.41		
5	64QAM	12	7	22.18	22.35	22.37	23	1
5	64QAM	12	13	22.18	22.38	22.19		
5	64QAM	25	0	22.19	22.31	22.26		
5	256QAM	1	0	19.16	19.13	19.36		
5	256QAM	1	12	19.19	19.31	19.24	20	4
5	256QAM	1	24	19.25	19.09	19.31		
5	256QAM	12	0	19.17	19.14	19.26		
5	256QAM	12	7	19.28	19.24	19.37	20	4
5	256QAM	12	13	19.29	19.17	19.30		
5	256QAM	25	0	19.31	19.27	19.19		

Band 17 (700MHz Band) Ant0 Default Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.48	22.88	22.49	24	0
10	QPSK	1	25	22.49	22.56	22.51		
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	22.52	22.76	22.43		
10	QPSK	25	12	22.50	22.54	22.62	24	0
10	QPSK	25	25	22.51	22.52	22.47		
10	QPSK	50	0	22.50	22.68	22.60		
10	16QAM	1	0	22.76	22.85	22.87		
10	16QAM	1	25	22.71	22.83	22.59	24	0
10	16QAM	1	49	22.83	22.87	22.73		
10	16QAM	25	0	22.21	22.26	22.22		
10	16QAM	25	12	22.34	22.26	22.34	24	0
10	16QAM	25	25	22.36	22.26	22.20		
10	16QAM	50	0	22.24	22.30	22.33		
10	64QAM	1	0	22.78	22.64	22.72		
10	64QAM	1	25	22.68	22.54	22.60	24	0
10	64QAM	1	49	22.64	22.31	22.65		
10	64QAM	25	0	22.21	22.16	22.26		
10	64QAM	25	12	22.33	22.19	22.36	24	0
10	64QAM	25	25	22.35	22.26	22.23		
10	64QAM	50	0	22.11	22.31	22.32		
10	256QAM	1	0	18.83	19.10	18.78		
10	256QAM	1	25	18.69	18.71	19.08	20	4
10	256QAM	1	49	18.68	18.64	18.70		
10	256QAM	25	0	18.84	18.77	18.87		
10	256QAM	25	12	19.07	18.91	18.86	20	4
10	256QAM	25	25	18.69	18.75	18.81		
10	256QAM	50	0	18.99	19.08	19.03		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.62	22.50	22.57	24	0
5	QPSK	1	12	22.63	22.68	22.58		
5	QPSK	1	24	22.50	22.34	22.38		
5	QPSK	12	0	22.64	22.56	22.56		
5	QPSK	12	7	22.66	22.63	22.58	24	0
5	QPSK	12	13	22.55	22.55	22.50		
5	QPSK	25	0	22.60	22.59	22.52		
5	16QAM	1	0	22.83	22.82	22.83		
5	16QAM	1	12	22.70	22.56	22.78	24	0
5	16QAM	1	24	22.79	22.76	22.78		
5	16QAM	12	0	22.41	22.34	22.47		
5	16QAM	12	7	22.43	22.30	22.36	24	0
5	16QAM	12	13	22.29	22.28	22.26		
5	16QAM	25	0	22.35	22.23	22.26		
5	64QAM	1	0	22.71	22.79	22.62		
5	64QAM	1	12	22.56	22.58	22.69	24	0
5	64QAM	1	24	22.58	22.66	22.81		
5	64QAM	12	0	22.41	22.20	22.27		
5	64QAM	12	7	22.23	22.23	22.24	24	0
5	64QAM	12	13	22.25	22.28	22.25		
5	64QAM	25	0	22.26	22.21	22.23		
5	256QAM	1	0	18.67	18.86	18.81		
5	256QAM	1	12	18.71	18.80	19.01	20	4
5	256QAM	1	24	19.06	18.77	19.15		
5	256QAM	12	0	18.93	18.89	18.98		
5	256QAM	12	7	19.14	18.98	19.17	20	4
5	256QAM	12	13	18.70	18.79	18.70		
5	256QAM	25	0	18.79	18.63	18.57		

Band 25 (1900MHz Band) Ant0 Default Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.80	22.89	22.87	24	0
20	QPSK	1	49	22.85	22.87	22.88		
20	QPSK	1	99	22.67	22.70	22.78		
20	QPSK	50	0	22.77	22.86	22.83		
20	QPSK	50	24	22.82	22.83	22.84	24	0
20	QPSK	50	50	22.65	22.65	22.73		
20	QPSK	100	0	22.87	22.88	22.86		
20	16QAM	1	0	22.75	22.84	22.81		
20	16QAM	1	49	22.83	22.84	22.86	24	0
20	16QAM	1	99	22.62	22.68	22.73		
20	16QAM	50	0	22.74	22.83	22.80		
20	16QAM	50	24	22.77	22.80	22.82	24	0
20	16QAM	50	50	22.61	22.63	22.68		
20	16QAM	100	0	22.83	22.83	22.83		
20	64QAM	1	0	22.74	22.85	22.82	24	0
20	64QAM	1	49	22.82	22.82	22.84		
20	64QAM	1	99	22.62	22.67	22.75		
20	64QAM	50	0	22.74	22.84	22.79		
20	64QAM	50	24	22.78	22.80	22.81	24	0
20	64QAM	50	50	22.63	22.62	22.68		
20	64QAM	100	0	22.83	22.86	22.83		
20	256QAM	1	0	19.31	19.40	19.31		
20	256QAM	1	49	19.02	19.19	19.06	20	4
20	256QAM	1	99	19.31	19.30	19.06		
20	256QAM	50	0	19.35	19.55	19.42		
20	256QAM	50	24	19.57	19.37	19.57	20	4
20	256QAM	50	50	19.09	19.20	19.14		
20	256QAM	100	0	19.51	19.10	19.11		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.76	22.85	22.83	24	0
15	QPSK	1	37	22.82	22.81	22.84		
15	QPSK	1	74	22.62	22.66	22.74		
15	QPSK	36	0	22.74	22.83	22.78		
15	QPSK	36	20	22.77	22.79	22.80	24	0
15	QPSK	36	39	22.59	22.61	22.69		
15	QPSK	75	0	22.82	22.86	22.80		
15	16QAM	1	0	22.71	22.78	22.76		
15	16QAM	1	37	22.80	22.80	22.82	24	0
15	16QAM	1	74	22.62	22.63	22.68		
15	16QAM	36	0	22.68	22.80	22.74		
15	16QAM	36	20	22.74	22.76	22.79	24	0
15	16QAM	36	39	22.57	22.59	22.62		
15	16QAM	75	0	22.77	22.78	22.78		
15	64QAM	1	0	22.72	22.80	22.79		
15	64QAM	1	37	22.79	22.77	22.80	24	0
15	64QAM	1	74	22.58	22.62	22.72		
15	64QAM	36	0	22.72	22.81	22.74		
15	64QAM	36	20	22.76	22.75	22.77	24	0
15	64QAM	36	39	22.60	22.60	22.63		
15	64QAM	75	0	22.80	22.82	22.79		
15	256QAM	1	0	19.11	19.20	19.35		
15	256QAM	1	37	19.03	19.23	18.93	20	4
15	256QAM	1	74	19.34	19.17	19.00		
15	256QAM	36	0	19.44	19.43	19.29		
15	256QAM	36	20	19.59	19.17	19.27	20	4
15	256QAM	36	39	19.22	19.20	19.34		
15	256QAM	75	0	19.28	18.92	18.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.74	22.81	22.80	24	0
10	QPSK	1	25	22.79	22.78	22.80		
10	QPSK	1	49	22.58	22.64	22.69		
10	QPSK	25	0	22.70	22.78	22.74		
10	QPSK	25	12	22.75	22.73	22.75	24	0
10	QPSK	25	25	22.56	22.57	22.66		
10	QPSK	50	0	22.80	22.83	22.76		
10	16QAM	1	0	22.65	22.74	22.72		
10	16QAM	1	25	22.77	22.75	22.79	24	0
10	16QAM	1	49	22.58	22.58	22.65		
10	16QAM	25	0	22.64	22.77	22.70		
10	16QAM	25	12	22.71	22.70	22.76	24	0
10	16QAM	25	25	22.51	22.56	22.56		
10	16QAM	50	0	22.72	22.72	22.76		
10	64QAM	1	0	22.66	22.76	22.76		
10	64QAM	1	25	22.74	22.73	22.76	24	0
10	64QAM	1	49	22.54	22.57	22.69		
10	64QAM	25	0	22.69	22.76	22.70		
10	64QAM	25	12	22.71	22.70	22.72	24	0
10	64QAM	25	25	22.54	22.55	22.58		
10	64QAM	50	0	22.76	22.77	22.75		
10	256QAM	1	0	19.26	19.44	19.51		
10	256QAM	1	25	19.12	19.06	19.05	20	4
10	256QAM	1	49	19.43	19.34	19.05		
10	256QAM	25	0	19.09	19.34	19.35		
10	256QAM	25	12	19.25	19.36	19.15	20	4
10	256QAM	25	25	19.27	19.39	18.97		
10	256QAM	50	0	19.18	18.75	19.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.72	22.76	22.74	24	0
5	QPSK	1	12	22.75	22.72	22.74		
5	QPSK	1	24	22.56	22.61	22.66		
5	QPSK	12	0	22.65	22.76	22.69	24	0
5	QPSK	12	7	22.70	22.69	22.73		
5	QPSK	12	13	22.52	22.54	22.62		
5	QPSK	25	0	22.77	22.78	22.69		
5	16QAM	1	0	22.83	22.69	22.70	24	0
5	16QAM	1	12	22.73	22.70	22.76		
5	16QAM	1	24	22.55	22.56	22.62		
5	16QAM	12	0	22.58	22.74	22.65	24	0
5	16QAM	12	7	22.69	22.67	22.72		
5	16QAM	12	13	22.49	22.53	22.51		
5	16QAM	25	0	22.68	22.68	22.73		
5	64QAM	1	0	22.60	22.72	22.72	24	0
5	64QAM	1	12	22.69	22.69	22.75		
5	64QAM	1	24	22.50	22.64	22.64		
5	64QAM	12	0	22.64	22.73	22.65	24	0
5	64QAM	12	7	22.66	22.66	22.66		
5	64QAM	12	13	22.50	22.50	22.52		
5	64QAM	25	0	22.72	22.72	22.70		
5	256QAM	1	0	19.24	19.03	19.46	20	4
5	256QAM	1	12	19.06	19.17	19.12		
5	256QAM	1	24	19.37	19.33	19.12		
5	256QAM	12	0	19.11	19.51	19.29	20	4
5	256QAM	12	7	19.22	19.29	19.36		
5	256QAM	12	13	19.19	19.07	19.21		
5	256QAM	25	0	19.32	19.16	19.19		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.69	22.72	22.70	24	0
3	QPSK	1	8	22.71	22.68	22.70		
3	QPSK	1	14	22.51	22.55	22.63		
3	QPSK	8	0	22.59	22.71	22.67	24	0
3	QPSK	8	4	22.68	22.65	22.68		
3	QPSK	8	7	22.48	22.52	22.58		
3	QPSK	15	0	22.72	22.73	22.64		
3	16QAM	1	0	22.59	22.64	22.65	24	0
3	16QAM	1	8	22.68	22.66	22.72		
3	16QAM	1	14	22.53	22.52	22.59		
3	16QAM	8	0	22.56	22.69	22.63	24	0
3	16QAM	8	4	22.64	22.62	22.70		
3	16QAM	8	7	22.47	22.50	22.48		
3	16QAM	15	0	22.63	22.64	22.68		
3	64QAM	1	0	22.56	22.67	22.70	24	0
3	64QAM	1	8	22.66	22.63	22.70		
3	64QAM	1	14	22.46	22.48	22.59		
3	64QAM	8	0	22.59	22.70	22.59	24	0
3	64QAM	8	4	22.62	22.63

Band 26 for FCC Ant0 Default Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.51	22.61	22.52	24	0
15	QPSK	1	37	22.58	22.52	22.60		
15	QPSK	1	74	22.45	22.59	22.56		
15	QPSK	36	0	22.47	22.57	22.48	24	0
15	QPSK	36	20	22.54	22.49	22.53		
15	QPSK	36	39	22.42	22.56	22.52		
15	QPSK	75	0	22.54	22.57	22.56		
15	16QAM	1	0	22.48	22.56	22.46	24	0
15	16QAM	1	37	22.53	22.47	22.55		
15	16QAM	1	74	22.39	22.55	22.52		
15	16QAM	36	0	22.42	22.52	22.43	24	0
15	16QAM	36	20	22.51	22.43	22.52		
15	16QAM	36	39	22.39	22.53	22.49		
15	16QAM	75	0	22.51	22.55	22.53		
15	64QAM	1	0	22.47	22.55	22.47	24	0
15	64QAM	1	37	22.56	22.49	22.57		
15	64QAM	1	74	22.39	22.57	22.54		
15	64QAM	36	0	22.45	22.54	22.45	24	0
15	64QAM	36	20	22.51	22.43	22.52		
15	64QAM	36	39	22.38	22.52	22.49		
15	64QAM	75	0	22.48	22.53	22.56		
15	256QAM	1	0	19.16	19.25	19.17	20	4
15	256QAM	1	37	19.15	19.07	19.22		
15	256QAM	1	74	18.82	18.86	19.04		
15	256QAM	36	0	19.03	18.71	19.18	20	4
15	256QAM	36	20	19.14	19.12	19.15		
15	256QAM	36	39	18.77	18.90	19.09		
15	256QAM	75	0	19.11	19.15	19.09		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.45	22.58	22.48	24	0
10	QPSK	1	25	22.53	22.50	22.55		
10	QPSK	1	49	22.42	22.55	22.54		
10	QPSK	25	0	22.41	22.54	22.45	24	0
10	QPSK	25	12	22.49	22.43	22.53		
10	QPSK	25	25	22.36	22.50	22.47		
10	QPSK	50	0	22.51	22.53	22.52		
10	16QAM	1	0	22.42	22.51	22.42	24	0
10	16QAM	1	25	22.48	22.42	22.49		
10	16QAM	1	49	22.36	22.51	22.48		
10	16QAM	25	0	22.40	22.49	22.40	24	0
10	16QAM	25	12	22.47	22.39	22.47		
10	16QAM	25	25	22.34	22.49	22.46		
10	16QAM	50	0	22.48	22.52	22.49		
10	64QAM	1	0	22.42	22.50	22.44	24	0
10	64QAM	1	25	22.51	22.44	22.51		
10	64QAM	1	49	22.34	22.51	22.50		
10	64QAM	25	0	22.43	22.49	22.39	24	0
10	64QAM	25	12	22.47	22.38	22.48		
10	64QAM	25	25	22.35	22.47	22.44		
10	64QAM	50	0	22.42	22.50	22.50		
10	256QAM	1	0	18.96	18.87	19.12	20	4
10	256QAM	1	25	18.99	19.01	18.85		
10	256QAM	1	49	18.76	18.65	19.03		
10	256QAM	25	0	18.80	18.96	19.00	20	4
10	256QAM	25	12	19.13	19.29	19.23		
10	256QAM	25	25	18.94	19.07	18.84		
10	256QAM	50	0	19.00	19.27	19.05		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.41	22.53	22.44	24	0
5	QPSK	1	12	22.49	22.46	22.52		
5	QPSK	1	24	22.36	22.49	22.51		
5	QPSK	12	0	22.36	22.51	22.41	24	0
5	QPSK	12	7	22.45	22.40	22.48		
5	QPSK	12	13	22.30	22.47	22.44		
5	QPSK	25	0	22.46	22.50	22.49		
5	16QAM	1	0	22.39	22.45	22.38	24	0
5	16QAM	1	12	22.44	22.39	22.44		
5	16QAM	1	24	22.33	22.46	22.45		
5	16QAM	12	0	22.36	22.44	22.37	24	0
5	16QAM	12	7	22.43	22.36	22.44		
5	16QAM	12	13	22.31	22.45	22.40		
5	16QAM	25	0	22.44	22.49	22.44		
5	64QAM	1	0	22.39	22.47	22.40	24	0
5	64QAM	1	12	22.49	22.42	22.48		
5	64QAM	1	24	22.29	22.49	22.45		
5	64QAM	12	0	22.40	22.46	22.34	24	0
5	64QAM	12	7	22.44	22.33	22.43		
5	64QAM	12	13	22.32	22.44	22.38		
5	64QAM	25	0	22.37	22.46	22.44		
5	256QAM	1	0	18.89	18.94	19.17	20	4
5	256QAM	1	12	19.23	19.16	19.12		
5	256QAM	1	24	18.96	18.93	19.10		
5	256QAM	12	0	18.99	18.65	19.11	20	4
5	256QAM	12	7	18.96	18.93	19.06		
5	256QAM	12	13	18.89	18.93	18.77		
5	256QAM	25	0	18.96	19.27	18.81		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.51	22.41	24	0
3	QPSK	1	8	22.43	22.43	22.48		
3	QPSK	1	14	22.38	22.49	22.44		
3	QPSK	8	0	22.35	22.46	22.37	24	0
3	QPSK	8	4	22.40	22.34	22.46		
3	QPSK	8	7	22.30	22.44	22.37		
3	QPSK	15	0	22.43	22.44	22.44		
3	16QAM	1	0	22.32	22.40	22.33	24	0
3	16QAM	1	8	22.38	22.34	22.42		
3	16QAM	1	14	22.26	22.41	22.40		
3	16QAM	8	0	22.33	22.42	22.30	24	0
3	16QAM	8	4	22.41	22.33	22.39		
3	16QAM	8	7	22.27	22.39	22.39		
3	16QAM	15	0	22.42	22.45	22.42		
3	64QAM	1	0	22.35	22.38	22.37	24	0
3	64QAM	1	8	22.43	22.39	22.43		
3	64QAM	1	14	22.25	22.42	22.44		
3	64QAM	8	0	22.35	22.38	22.33	24	0
3	64QAM	8	4	22.39	22.31	22.38		
3	64QAM	8	7	22.27	22.39	22.37		
3	64QAM	15	0	22.36	22.39	22.42		
3	256QAM	1	0	18.79	19.06	18.94	20	4
3	256QAM	1	8	19.02	19.26	19.13		
3	256QAM	1	14	18.86	19.07	19.03		
3	256QAM	8	0	18.85	18.88	19.19	20	4
3	256QAM	8	4	19.25	19.27	19.05		
3	256QAM	8	7	18.91	18.97	18.89		
3	256QAM	15	0	19.15	18.98	19.20		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.35	22.47	22.36	24	0
1.4	QPSK	1	3	22.43	22.40	22.39		
1.4	QPSK	1	5	22.31	22.44	22.39		
1.4	QPSK	3	0	22.31	22.38	22.34		
1.4	QPSK	3	1	22.33	22.27	22.43		
1.4	QPSK	3	3	22.22	22.36	22.33		
1.4	QPSK	6	0	22.38	22.42	22.39	24	0
1.4	16QAM	1	0	22.30	22.39	22.28	24	0
1.4	16QAM	1	3	22.37	22.31	22.38		
1.4	16QAM	1	5	22.22	22.37	22.35		
1.4	16QAM	3	0	22.30	22.36	22.26		
1.4	16QAM	3	1	22.33	22.25	22.36		
1.4	16QAM	3	3	22.23	22.34	22.33		
1.4	16QAM	6	0	22.37	22.41	22.38	24	0
1.4	64QAM	1	0	22.28	22.35	22.29	24	0
1.4	64QAM	1	3	22.41	22.34	22.39		
1.4	64QAM	1	5	22.20	22.37	22.40		
1.4	64QAM	3	0	22.34	22.34	22.27		
1.4	64QAM	3	1	22.33	22.25	22.38		
1.4	64QAM	3	3	22.22	22.37	22.35		
1.4	64QAM	6	0	22.33	22.39	22.40	24	0
1.4	256QAM	1	0	18.98	19.28	19.29	20	4
1.4	256QAM	1	3	19.15	19.26	19.25		
1.4	256QAM	1	5	18.80	18.87	18.94		
1.4	256QAM	3	0	18.97	18.81	19.06		
1.4	256QAM	3	1	19.17	18.96	18.96		
1.4	256QAM	3	3	18.98	18.79	18.79		
1.4	256QAM	6	0	19.21	18.90	18.81	20	4

Band 66 Ant0 Default Power

BW [MHz]	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	22.97	23.15	22.89	24	0
20	QPSK	1	49	23.05	23.07	22.84		
20	QPSK	1	99	22.93	22.85	22.66		
20	QPSK	50	0	21.98	22.05	21.92	23	1
20	QPSK	50	24	22.04	22.02	21.90		
20	QPSK	50	50	22.02	21.94	21.84		
20	QPSK	100	0	21.98	22.00	21.89		
20	16QAM	1	0	22.33	22.27	22.30	23	1
20	16QAM	1	49	22.39	22.38	22.24		
20	16QAM	1	99	22.24	22.16	22.03		
20	16QAM	50	0	21.00	21.05	20.95	22	2
20	16QAM	50	24	21.09	21.05	20.95		
20	16QAM	50	50	21.06	20.96	20.85		
20	16QAM	100	0	21.07	21.00	20.90		
20	64QAM	1	0	22.24	22.17	22.17	23	1
20	64QAM	1	49	22.23	22.32	22.10		
20	64QAM	1	99	22.15	22.03	21.97		
20	64QAM	50	0	20.99	21.06	20.96	22	2
20	64QAM	50	24	21.09	21.05	20.94		
20	64QAM	50	50	21.05	20.94	20.85		
20	64QAM	100	0	21.06	21.00	20.91		
20	256QAM	1	0	18.26	18.31	18.33	19	5
20	256QAM	1	49	18.13	18.46	18.07		
20	256QAM	1	99	18.30	18.24	18.01		
20	256QAM	50	0	18.07	18.20	18.27	19	5
20	256QAM	50	24	17.97	17.98	17.96		
20	256QAM	50	50	18.37	18.35	17.87		
20	256QAM	100	0	18.65	18.65	18.52		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.97	23.09	22.86	24	0
15	QPSK	1	37	23.07	23.09	22.86		
15	QPSK	1	74	22.94	22.90	22.69		
15	QPSK	36	0	22.00	22.06	21.92	23	1
15	QPSK	36	20	22.09	22.05	21.89		
15	QPSK	36	39	22.04	21.96	21.82		
15	QPSK	75	0	22.06	22.01	21.91		
15	16QAM	1	0	22.31	22.31	22.27	23	1
15	16QAM	1	37	22.40	22.51	22.25		
15	16QAM	1	74	22.16	22.19	22.06		
15	16QAM	36	0	21.03	21.07	20.95	22	2
15	16QAM	36	20	21.11	21.05	20.93		
15	16QAM	36	39	21.06	20.97	20.85		
15	16QAM	75	0	21.07	21.04	20.90		
15	64QAM	1	0	22.14	22.16	22.07	23	1
15	64QAM	1	37	22.22	22.23	22.08		
15	64QAM	1	74	22.01	22.03	21.95		
15	64QAM	36	0	21.02	21.05	20.97	22	2
15	64QAM	36	20	21.07	21.00	20.93		
15	64QAM	36	39	21.06	20.95	20.84		
15	64QAM	75	0	21.06	21.05	20.91		
15	256QAM	1	0	18.26	18.55	18.14	19	5
15	256QAM	1	37	18.26	18.55	18.14		
15	256QAM	1	74	18.26	18.55	18.14		
15	256QAM	36	0	18.26	18.55	18.14	19	5
15	256QAM	36	20	18.26	18.55	18.14		
15	256QAM	36	39	18.26	18.55	18.14		
15	256QAM	75	0	18.26	18.55	18.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.08	23.08	22.95	24	0
10	QPSK	1	25	23.06	23.10	22.96		
10	QPSK	1	49	23.04	23.03	22.83		
10	QPSK	25	0	22.14	22.16	22.18	23	1
10	QPSK	25	12	22.21	22.18	22.57		
10	QPSK	25	25	22.16	22.12	22.13		
10	QPSK	50	0	22.19	22.17	21.98		
10	16QAM	1	0	22.48	22.54	22.26	23	1
10	16QAM	1	25	22.50	22.53	22.23		
10	16QAM	1	49	22.40	22.40	22.14		
10	16QAM	25	0	21.20	21.22	21.02	22	2
10	16QAM	25	12	21.25	21.20	21.05		
10	16QAM	25	25	21.22	21.12	20.97		
10	16QAM	50	0	21.22	21.19	21.01		
10	64QAM	1	0	22.28	22.28	22.08	23	1
10	64QAM	1	25	22.39	22.31	22.07		
10	64QAM	1	49	22.24	22.15	21.96		
10	64QAM	25	0	21.17	21.20	21.03	22	2
10	64QAM	25	12	21.25	21.22	21.06		
10	64QAM	25	25	21.21	21.16	20.99		
10	64QAM	50	0	21.21	21.18	21.04		
10	256QAM	1	0	18.15	18.25	18.46	19	5
10	256QAM	1	25	17.96	18.20	18.13		
10	256QAM	1	49	18.06	18.16	17.99		
10	256QAM	25	0	17.98	18.01	18.32	19	5
10	256QAM	25	12	17.98	18.13	18.08		
10	256QAM	25	25	18.31	18.38	17.94		
10	256QAM	50	0	18.35	18.38	18.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.12	23.10	22.94	24	0
5	QPSK	1	12	23.07	23.09	22.94		
5	QPSK	1	24	23.10	23.04	22.90		
5	QPSK	12	0	22.16	22.15	21.96	23	1
5	QPSK	12	7	22.17	22.18	22.00		
5	QPSK	12	13	22.16	22.18	21.92		
5	QPSK	25	0	22.15	22.12	21.97		
5	16QAM	1	0	22.46	22.54	22.33	23	1
5	16QAM	1	12	22.53	22.50	22.36		
5	16QAM	1	24	22.44	22.44	22.25		
5	16QAM	12	0	21.21	21.22	21.01	22	2
5	16QAM	12	7	21.25	21.18	21.02		
5	16QAM	12	13	21.22	21.22	21.00		
5	16QAM	25	0	21.21	21.14	20.99		
5	64QAM	1	0	22.31	22.38	22.06	23	1
5	64QAM	1	12	22.43	22.50	22.13		
5	64QAM	1	24	22.24	22.31	22.09		
5	64QAM	12	0	21.25	21.17	20.99	22	2
5	64QAM	12	7	21.23	21.16	21.05		
5	64QAM	12	13	21.21	21.22	20.97		
5	64QAM	25	0	21.17	21.14	20.98		
5	256QAM	1	0	18.00	18.25	18.25	19	5
5	256QAM	1	12	18.32	18.31	18.13		
5	256QAM	1	24	18.25	18.20	18.07		
5	256QAM	12	0	18.41	18.09	18.27	19	5
5	256QAM	12	7	18.14	18.35	18.44		
5	256QAM	12	13	18.31	18.40	18.59		
5	256QAM	25	0	18.46	18.46	18.73		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.07	22.97	24	0
3	QPSK	1	8	23.05	23.02	23.10		
3	QPSK	1	14	23.03	23.11	22.85		
3	QPSK	8	0	22.16	22.12	21.87	23	1
3	QPSK	8	4	22.15	22.23	21.90		
3	QPSK	8	7	22.15	22.17	21.87		
3	QPSK	15	0	22.16	22.11	21.90		
3	16QAM	1	0	22.45	22.37	22.14	23	1
3	16QAM	1	8	22.45	22.57	22.31		
3	16QAM	1	14	22.46	22.45	22.09		
3	16QAM	8	0	21.26	21.18	21.01	22	2
3	16QAM	8	4	21.26	21.28	20.99		
3	16QAM	8	7	21.21	21.22	20.97		
3	16QAM	15	0	21.19	21.15	20.96		
3	64QAM	1	0	22.30	22.27	21.94	23	1
3	64QAM	1	8	22.27	22.35	22.10		
3	64QAM	1	14	22.25	22.26	21.93		
3	64QAM	8	0	21.23	21.16	20.97	22	2
3	64QAM	8	4	21.24	21.24	21.00		
3	64QAM	8	7	21.18	21.22	20.94		
3	64QAM	15	0	21.18	21.14	20.93		
3	256QAM	1	0	18.25	18.16	18.47	19	5
3	256QAM	1	8	18.31	18.60	18.58		
3	256QAM	1	14	18.14	18.30	18.18		
3	256QAM	8	0	18.09	18.03	18.07	19	5
3	256QAM	8	4	18.31	18.28	18.15		
3	256QAM	8	7	18.04	18.24	17.82		
3	256QAM	15	0	18.51	18.40	18.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.10	23.12	22.77	24	0
1.4	QPSK	1	3	23.06	23.04	22.85		
1.4	QPSK	1	5	23.11	23.13	22.83		
1.4	QPSK	3	0	23.05	23.07	22.89		
1.4	QPSK	3	1	23.14	23.06	22.92		
1.4	QPSK	3	3	23.13	23.05	22.91		
1.4	QPSK	6	0	22.12	22.18	21.91	24	0
1.4	16QAM	1	0	22.43	22.42	22.22	24	0
1.4	16QAM	1	3	22.49	22.56	22.25		
1.4	16QAM	1	5	22.44	22.53	22.20		
1.4	16QAM	3	0	22.30	22.34	22.09		
1.4	16QAM	3	1	22.31	22.37	22.11		
1.4	16QAM	3	3	22.30	22.35	22.05		
1.4	16QAM	6	0	21.22	21.27	20.97	24	0
1.4	64QAM	1	0	22.31	22.27	22.05	24	0
1.4	64QAM	1	3	22.29	22.27	22.05		
1.4	64QAM	1	5	22.24	22.34	21.97		
1.4	64QAM	3	0	22.27	22.26	22.02		
1.4	64QAM	3	1	22.23	22.27	22.04		
1.4	64QAM	3	3	22.23	22.24	21.96		
1.4	64QAM	6	0	21.17	21.23	20.96	24	0
1.4	256QAM	1	0	18.45	18.16	18.19	20	4
1.4	256QAM	1	3	18.17	18.45	18.29		
1.4	256QAM	1	5	18.36	18.26	18.05		
1.4	256QAM	3	0	18.10	18.08	18.37		
1.4	256QAM	3	1	18.14	18.28	18.29		
1.4	256QAM	3	3	18.35	18.27	18.17		
1.4	256QAM	6	0	18.31	18.50	18.31	20	4

Band 38(only on channel required) Ant0 Default Power

BW [MHz]	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	23.23	23.49	23.26	24	0
20	QPSK	1	49	23.42	23.42	23.30		
20	QPSK	1	99	23.36	23.35	23.30		
20	QPSK	50	0	23.17	23.43	23.22	24	0
20	QPSK	50	24	23.26	23.37	23.26		
20	QPSK	50	50	23.34	23.32	23.27		
20	QPSK	100	0	23.27	23.39	23.34		
20	16QAM	1	0	23.17	23.46	23.21	24	0
20	16QAM	1	49	23.37	23.37	23.24		
20	16QAM	1	99	23.33	23.31	23.25		
20	16QAM	50	0	23.12	23.40	23.16	24	0
20	16QAM	50	24	23.34	23.37	23.23		
20	16QAM	50	50	23.31	23.28	23.21		
20	16QAM	100	0	23.23	23.23	23.30		
20	64QAM	1	0	23.14	23.43	23.17	24	0
20	64QAM	1	49	23.32	23.33	23.19		
20	64QAM	1	99	23.29	23.27	23.20		
20	64QAM	50	0	23.10	23.36	23.12	24	0
20	64QAM	50	24	23.29	23.31	23.18		
20	64QAM	50	50	23.25	23.24	23.15		
20	64QAM	100	0	23.20	23.20	23.28		
20	256QAM	1	0	21.25	21.39	21.32	22	2
20	256QAM	1	49	21.22	20.96	21.24		
20	256QAM	1	99	21.00	21.23	21.19		
20	256QAM	50	0	21.02	21.28	21.28	22	2
20	256QAM	50	24	21.43	21.49	21.34		
20	256QAM	50	50	21.48	21.39	21.18		
20	256QAM	100	0	21.20	20.91	21.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.19	23.47	23.24	24	0
15	QPSK	1	37	23.38	23.39	23.26		
15	QPSK	1	74	23.33	23.32	23.27		
15	QPSK	36	0	23.14	23.39	23.19	24	0
15	QPSK	36	20	23.35	23.38	23.20		
15	QPSK	36	39	23.31	23.28	23.24		
15	QPSK	75	0	23.21	23.24	23.29		
15	16QAM	1	0	23.14	23.40	23.19	24	0
15	16QAM	1	37	23.35	23.33	23.20		
15	16QAM	1	74	23.30	23.27	23.22		
15	16QAM	36	0	23.07	23.38	23.14	24	0
15	16QAM	36	20	23.31	23.31	23.19		
15	16QAM	36	39	23.27	23.24	23.16		
15	16QAM	75	0	23.18	23.19	23.25		
15	64QAM	1	0	23.11	23.39	23.13	24	0
15	64QAM	1	37	23.30	23.29	23.14		
15	64QAM	1	74	23.27	23.23	23.17		
15	64QAM	36	0	23.07	23.32	23.08	24	0
15	64QAM	36	20	23.24	23.25	23.15		
15	64QAM	36	39	23.20	23.19	23.10		
15	64QAM	75	0	23.14	23.18	23.22		
15	256QAM	1	0	21.31	21.07	21.19	22	2
15	256QAM	1	37	21.15	21.19	21.16		
15	256QAM	1	74	21.01	21.17	21.09		
15	256QAM	36	0	21.08	21.43	21.35	22	2
15	256QAM	36	20	21.43	21.53	21.30		
15	256QAM	36	39	21.39	21.27	21.05		
15	256QAM	75	0	21.27	20.93	21.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.42	23.19	24	0
10	QPSK	1	25	23.35	23.33	23.23		
10	QPSK	1	49	23.27	23.29	23.23		
10	QPSK	25	0	23.12	23.36	23.13	24	0
10	QPSK	25	12	23.33	23.35	23.17		
10	QPSK	25	25	23.27	23.23	23.20		
10	QPSK	50	0	23.18	23.20	23.23		
10	16QAM	1	0	23.10	23.34	23.14	24	0
10	16QAM	1	25	23.29	23.31	23.15		
10	16QAM	1	49	23.24	23.21	23.20		
10	16QAM	25	0	23.01	23.34	23.09	24	0
10	16QAM	25	12	23.27	23.26	23.16		
10	16QAM	25	25	23.24	23.21	23.12		
10	16QAM	50	0	23.12	23.16	23.20		
10	64QAM	1	0	23.07	23.37	23.08	24	0
10	64QAM	1	25	23.27	23.26	23.11		
10	64QAM	1	49	23.24	23.17	23.13		
10	64QAM	25	0	23.01	23.28	23.04	24	0
10	64QAM	25	12	23.22	23.19	23.09		
10	64QAM	25	25	23.18	23.16	23.07		
10	64QAM	50	0	23.10	23.12	23.19		
10	256QAM	1	0	21.21	20.77	20.97	22	2
10	256QAM	1	25	20.91	21.12	21.04		
10	256QAM	1	49	21.17	21.16	20.84		
10	256QAM	25	0	21.21	21.34	21.12	22	2
10	256QAM	25	12	21.30	21.48	21.32		
10	256QAM	25	25	21.42	21.57	21.18		
10	256QAM	50	0	20.91	20.96	21.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.39	23.15	24	0
5	QPSK	1	12	23.29	23.28	23.19		
5	QPSK	1	24	23.24	23.26	23.17		
5	QPSK	12	0	23.09	23.32	23.10	24	0
5	QPSK	12	7	23.29	23.32	23.13		
5	QPSK	12	13	23.24	23.19	23.14		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.05	23.29	23.12	24	0
5	16QAM	1	12	23.24	23.25	23.13		
5	16QAM	1	24	23.19	23.18	23.15		
5	16QAM	12	0	22.97	23.29	23.06	24	0
5	16QAM	12	7	23.22	23.24	23.14		
5	16QAM	12	13	23.20	23.18	23.09		
5	16QAM	25	0	23.07	23.14	23.15		
5	64QAM	1	0	23.02	23.32	23.04	24	0
5	64QAM	1	12	23.23	23.24	23.07		
5	64QAM	1	24	23.18	23.14	23.10		
5	64QAM	12	0	22.98	23.24	23.00	24	0
5	64QAM	12	7	23.19	23.14	23.05		
5	64QAM	12	13	23.14	23.11	23.02		
5	64QAM	25	0	23.05	23.07	23.14		
5	256QAM	1	0	20.99	21.37	21.02	22	2
5	256QAM	1	12	21.21	20.91	21.17		
5	256QAM	1	24	21.01	20.97	20.95		
5	256QAM	12	0	21.09	21.02	21.04	22	2
5	256QAM	12	7	21.23	21.42	21.47		
5	256QAM	12	13	21.38	21.18	21.16		
5	256QAM	25	0	20.87	20.94	21.12		

Band 38(only on channel required) PC2 Ant0 Default Power

BW [MHz]	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	26.24	26.41	26.33	27	0
20	QPSK	1	49	26.38	26.35	26.32		
20	QPSK	1	99	26.33	26.27	26.27		
20	QPSK	50	0	26.35	26.39	26.33	27	0
20	QPSK	50	24	26.31	26.34	26.23		
20	QPSK	50	50	26.30	26.27	26.26		
20	QPSK	100	50	26.34	26.36	26.35		
20	16QAM	1	0	26.19	26.37	26.28	27	0
20	16QAM	1	49	26.32	26.32	26.27		
20	16QAM	1	99	26.29	26.23	26.21		
20	16QAM	50	0	26.31	26.29	26.29	27	0
20	16QAM	50	24	26.37	26.33	26.34		
20	16QAM	50	50	26.25	26.22	26.20		
20	16QAM	100	0	26.30	26.22	26.30		
20	64QAM	1	0	26.13	26.34	26.22	27	0
20	64QAM	1	49	26.27	26.27	26.21		
20	64QAM	1	99	26.26	26.20	26.16		
20	64QAM	50	0	26.28	26.23	26.23	27	0
20	64QAM	50	24	26.33	26.30	26.29		
20	64QAM	50	50	26.22	26.20	26.16		
20	64QAM	100	0	26.27	26.19	26.27		
20	256QAM	1	0	24.84	24.68	24.60	25	2
20	256QAM	1	49	24.55	24.63	24.75		
20	256QAM	1	99	24.35	24.51	24.44		
20	256QAM	50	0	24.79	24.63	24.67	25	2
20	256QAM	50	24	24.40	24.43	24.61		
20	256QAM	50	50	24.34	24.63	24.47		
20	256QAM	100	0	24.00	24.20	24.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	26.21	26.36	26.31	27	0
15	QPSK	1	37	26.33	26.31	26.29		
15	QPSK	1	74	26.29	26.25	26.24		
15	QPSK	36	0	26.32	26.28	26.30	27	0
15	QPSK	36	20	26.34	26.32	26.33		
15	QPSK	36	39	26.24	26.22	26.21		
15	QPSK	75	0	26.31	26.21	26.32		
15	16QAM	1	0	26.13	26.33	26.23	27	0
15	16QAM	1	37	26.26	26.30	26.22		
15	16QAM	1	74	26.24	26.20	26.19		
15	16QAM	36	0	26.25	26.26	26.26	27	0
15	16QAM	36	20	26.33	26.30	26.29		
15	16QAM	36	39	26.19	26.17	26.15		
15	16QAM	75	0	26.28	26.18	26.25		
15	64QAM	1	0	26.10	26.31	26.19	27	0
15	64QAM	1	37	26.21	26.21	26.15		
15	64QAM	1	74	26.23	26.16	26.12		
15	64QAM	36	0	26.26	26.18	26.17	27	0
15	64QAM	36	20	26.30	26.28	26.24		
15	64QAM	36	39	26.19	26.17	26.12		
15	64QAM	75	0	26.25	26.17	26.23		
15	256QAM	1	0	24.70	24.77	24.62	25	2
15	256QAM	1	37	24.47	24.70	24.67		
15	256QAM	1	74	24.29	24.33	24.52		
15	256QAM	36	0	24.57	24.59	24.69	25	2
15	256QAM	36	20	24.37	24.29	24.65		
15	256QAM	36	39	24.31	24.46	24.29		
15	256QAM	75	0	24.20	24.40	24.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	26.15	26.32	26.26	27	0
10	QPSK	1	25	26.31	26.27	26.27		
10	QPSK	1	49	26.26	26.19	26.21		
10	QPSK	25	0	26.28	26.24	26.25	27	0
10	QPSK	25	12	26.30	26.29	26.28		
10	QPSK	25	25	26.22	26.16	26.18		
10	QPSK	50	0	26.27	26.17	26.30		
10	16QAM	1	0	26.10	26.31	26.21	27	0
10	16QAM	1	25	26.22	26.24	26.17		
10	16QAM	1	49	26.20	26.18	26.13		
10	16QAM	25	0	26.20	26.23	26.24	27	0
10	16QAM	25	12	26.29	26.27	26.26		
10	16QAM	25	25	26.15	26.13	26.09		
10	16QAM	50	0	26.22	26.15	26.22		
10	64QAM	1	0	26.07	26.28	26.16	27	0
10	64QAM	1	25	26.18	26.18	26.09		
10	64QAM	1	49	26.19	26.10	26.09		
10	64QAM	25	0	26.21	26.12	26.12	27	0
10	64QAM	25	12	26.26	26.25	26.20		
10	64QAM	25	25	26.16	26.14	26.09		
10	64QAM	50	0	26.20	26.12	26.21		
10	256QAM	1	0	24.67	24.39	24.51	25	2
10	256QAM	1	25	24.63	24.51	24.65		
10	256QAM	1	49	24.62	24.61	24.47		
10	256QAM	25	0	24.71	24.41	24.57	25	2
10	256QAM	25	12	24.43	24.35	24.48		
10	256QAM	25	25	24.36	24.52	24.38		
10	256QAM	50	0	24.34	24.52	24.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	26.13	26.29	26.22	27	0
5	QPSK	1	12	26.26	26.22	26.22		
5	QPSK	1	24	26.24	26.15	26.18		
5	QPSK	12	0	26.22	26.19	26.19	27	0
5	QPSK	12	7	26.28	26.25	26.25		
5	QPSK	12	13	26.19	26.11	26.15		
5	QPSK	25	0	26.23	26.12	26.28		
5	16QAM	1	0	26.06	26.26	26.16	27	0
5	16QAM	1	12	26.19	26.21	26.13		
5	16QAM	1	24	26.16	26.14	26.09		
5	16QAM	12	0	26.14	26.18	26.20	27	0
5	16QAM	12	7	26.24	26.21	26.22		
5	16QAM	12	13	26.10	26.09	26.05		
5	16QAM	25	0	26.16	26.12	26.17		
5	64QAM	1	0	26.03	26.24	26.11	27	0
5	64QAM	1	12	26.12	26.14	26.03		
5	64QAM	1	24	26.14	26.08	26.06		
5	64QAM	12	0	26.18	26.07	26.07	27	0
5	64QAM	12	7	26.21	26.20	26.17		
5	64QAM	12	13	26.12	26.10	26.06		
5	64QAM	25	0	26.15	26.09	26.17		
5	256QAM	1	0	24.80	24.65	24.64	25	2
5	256QAM	1	12	24.36	24.55	24.67		
5	256QAM	1	24	24.48	24.41	24.42		
5	256QAM	12	0	24.59	24.60	24.54	25	2
5	256QAM	12	7	24.33	24.45	24.41		
5	256QAM	12	13	24.43	24.45	24.32		
5	256QAM	25	0	24.18	24.32	24.28		

Band 41 (2.6G Band) Ant0 Default Power

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	23.28	23.14	23.64	23.33	23.53	24	0
20	QPSK	1	49	23.22	23.19	23.42	23.30	23.43		
20	QPSK	1	99	23.33	23.32	23.26	23.49	23.49		
20	QPSK	50	0	23.17	23.14	23.35	23.20	23.34	24	0
20	QPSK	50	24	23.28	23.26	23.22	23.33	23.32		
20	QPSK	50	50	23.20	23.26	23.31	23.25	23.33		
20	QPSK	100	0	23.18	23.21	23.34	23.26	23.26		
20	16QAM	1	0	23.21	23.32	23.36	23.06	23.13	24	0
20	16QAM	1	49	23.37	23.09	23.52	23.32	23.52		
20	16QAM	1	99	23.23	23.11	23.52	23.49	23.50		
20	16QAM	50	0	23.11	23.19	23.25	23.21	23.37	24	0
20	16QAM	50	24	23.24	23.34	23.21	23.37	23.48		
20	16QAM	50	50	23.17	23.26	23.34	23.20	23.50		
20	16QAM	100	0	23.25	23.31	23.22	23.20	23.45		
20	64QAM	1	0	23.31	23.07	23.23	23.00	23.19	24	0
20	64QAM	1	49	23.19	23.16	23.38	23.30	23.37		
20	64QAM	1	99	23.23	22.94	23.11	23.19	23.35		
20	64QAM	50	0	23.06	23.22	23.32	23.15	23.32	24	0
20	64QAM	50	24	23.25	23.24	23.41	23.33	23.44		
20	64QAM	50	50	23.13	23.26	23.33	23.28	23.48		
20	64QAM	100	0	23.16	23.21	23.30	23.30	23.45		
20	256QAM	1	0	21.83	21.93	21.90	21.97	22.13	23	1
20	256QAM	1	49	22.10	21.96	21.95	21.99	21.92		
20	256QAM	1	99	22.13	21.98	21.98	21.83	22.16		
20	256QAM	50	0	22.36	22.23	22.09	22.33	22.38	23	1
20	256QAM	50	24	21.94	22.03	21.91	22.20	22.11		
20	256QAM	50	50	22.00	21.93	21.94	21.91	22.15		
20	256QAM	100	0	21.92	21.86	22.06	21.93	21.87		
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	23.42	23.09	23.59	23.28	23.51	24	0
15	QPSK	1	37	23.19	23.17	23.39	23.24	23.39		
15	QPSK	1	74	23.24	23.30	23.21	23.31	23.47		
15	QPSK	36	0	23.12	23.10	23.30	23.16	23.29	24	0
15	QPSK	36	20	23.26	23.22	23.19	23.28	23.46		
15	QPSK	36	39	23.17	23.23	23.30	23.19	23.49		
15	QPSK	75	0	23.16	23.18	23.28	23.22	23.44		
15	16QAM	1	0	23.19	23.12	23.32	23.03	23.07	24	0
15	16QAM	1	37	23.33	23.03	23.49	23.30	23.41		
15	16QAM	1	74	23.11	23.07	23.47	23.37	23.45		
15	16QAM	36	0	23.08	23.16	23.21	23.18	23.34	24	0
15	16QAM	36	20	23.19	23.31	23.18	23.32	23.43		
15	16QAM	36	39	23.14	23.21	23.30	23.17	23.47		
15	16QAM	75	0	23.21	23.26	23.16	23.14	23.40		
15	64QAM	1	0	23.11	22.95	23.15	23.35	23.21	24	0
15	64QAM	1	37	23.14	23.12	23.08	23.27	23.33		
15	64QAM	1	74	23.17	22.89	22.87	23.21	23.27		
15	64QAM	36	0	23.27	23.19	23.27	23.10	23.27	24	0
15	64QAM	36	20	23.21	23.19	23.37	23.28	23.40		
15	64QAM	36	39	23.11	23.22	23.29	23.25	23.18		
15	64QAM	75	0	23.11	23.15	23.27	23.26	23.41		
15	256QAM	1	0	21.82	21.96	21.86	22.12	22.22	23	1
15	256QAM	1	37	21.89	22.09	22.08	21.93	22.06		
15	256QAM	1	74	22.03	21.85	22.09	22.00	22.12		
15	256QAM	36	0	22.26	22.07	21.99	22.23	22.16	23	1
15	256QAM	36	20	21.86	22.17	21.99	22.22	22.01		
15	256QAM	36	39	21.95	21.92	21.87	21.84	22.17		
15	256QAM	75	0	21.87	21.75	22.11	21.98	21.83		
Channel				39700	40150	40620	41089	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	23.07	23.38	23.26	23.11	24	0
10	QPSK	1	25	23.13	23.11	23.35	23.20	23.34		
10	QPSK	1	49	23.31	23.27	23.18	23.01	23.42		
10	QPSK	25	0	23.07	23.05	23.25	23.13	23.24	24	0
10	QPSK	25	12	23.24	23.18	23.16	23.26	23.43		
10	QPSK	25	25	23.13	23.16	23.18	23.27	23.46		
10	QPSK	50	0	23.13	23.15	23.23	23.17	23.40		
10	16QAM	1	0	23.17	23.24	23.26	22.98	23.01	24	0
10	16QAM	1	25	23.28	23.01	23.37	23.26	23.31		
10	16QAM	1	49	23.12	23.05	23.43	23.19	23.42		
10	16QAM	25	0	23.05	23.11	23.17	23.15	23.28	24	0
10	16QAM	25	12	23.17	23.28	23.16	23.26	23.37		
10	16QAM	25	25	23.09	23.15	23.27	23.14	23.42		
10	16QAM	50	0	23.18	23.21	23.14	23.08	23.36		
10	64QAM	1	0	23.08	22.93	23.26	23.29	23.19	24	0
10	64QAM	1	25	23.10	23.06	23.35	23.22	23.30		
10	64QAM	1	49	23.11	23.11	23.11	23.37	23.37		
10	64QAM	25	0	23.09	23.15	23.23	23.05	23.24	24	0
10	64QAM	25	12	23.16	23.17	23.35	23.25	23.36		
10	64QAM	25	25	23.08	23.19	23.25	23.22	23.51		
10	64QAM	50	0	23.07	23.09	23.23	23.24	23.36		
10	256QAM	1	0	21.97	21.98	22.05	22.06	21.97	23	1
10	256QAM	1	25	21.91	22.04	22.00	21.86	21.95		
10	256QAM	1	49	22.11	21.95	22.09	21.63	22.06		
10	256QAM	25	0	22.06	22.31	22.21	22.04	22.09	23	1
10	256QAM	25	12	21.99	22.10	22.01	22.11	21.96		
10	256QAM	25	25	21.95	22.00	21.91	21.98	21.94		
10	256QAM	50	0	21.80	21.81	21.95	22.00	21.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.94	23.03	23.18	23.22	22.89	24	0
5	QPSK	1	12	23.08	23.09	23.32	23.17	23.30		
5	QPSK	1	24	23.01	23.22	23.14	22.98	23.28		
5	QPSK	12	0	23.03	23.02	23.20	23.08	23.20	24	0
5	QPSK	12	7	23.22	23.14	23.13	23.21	23.39		
5	QPSK	12	13	23.10	23.13	23.22	23.11	23.41		
5	QPSK	25	0	23.10	23.10	23.21	23.13	23.37	24	0
5	16QAM	1	0	23.11	23.06	23.21	22.95	22.95		
5	16QAM	1	12	23.25	22.95	23.07	23.21	23.27		
5	16QAM	1	24	22.99	23.00	23.24	23.21	23.27		
5	16QAM	12	0	22.99	23.07	23.12	23.12	23.22	24	0
5	16QAM	12	7	23.14	23.23	23.12	23.23	23.35		
5	16QAM	12	13	23.03	23.12	23.22	23.10	23.37		
5	16QAM	25	0	23.12	23.15	23.09	23.06	23.33	24	0
5	64QAM	1	0	23.00	22.98	23.12	23

	Ant1 Default Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.05	32.03	33.50	23.19	23.05	23.03	24.50
GPRS 1 Tx slot	32.18	32.02	32.01	33.50	23.18	23.02	23.01	24.50
GPRS 2 Tx slots	29.45	29.25	29.24	30.00	23.45	23.25	23.24	24.00
GPRS 3 Tx slots	28.03	28.05	27.79	29.50	23.77	23.79	23.53	25.24
GPRS 4 Tx slots	26.45	26.25	26.17	27.50	23.45	23.25	23.17	24.50
EDGE 1 Tx slot	25.08	25.13	25.00	26.00	16.08	16.13	16.00	17.00
EDGE 2 Tx slots	23.52	23.49	23.63	25.00	17.52	17.49	17.63	19.00
EDGE 3 Tx slots	22.48	22.35	22.65	24.00	18.22	18.09	18.39	19.74
EDGE 4 Tx slots	20.35	20.25	20.48	22.00	17.35	17.25	17.48	19.00

		Ant1 Default Power			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.72	23.77	23.71	25.00
3GPP Rel 99	RMC 12.2Kbps	23.78	23.79	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.96	22.91	24.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.94	22.97	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.41	22.44	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.52	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.73	22.78	22.73	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.25	22.66	22.68	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.15	22.23	22.10	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.19	22.25	23.50
3GPP Rel 6	HSUPA Subtest-1	22.36	22.23	22.04	24.00
3GPP Rel 6	HSUPA Subtest-2	20.91	21.01	20.92	22.00
3GPP Rel 6	HSUPA Subtest-3	21.97	21.94	22.04	23.00
3GPP Rel 6	HSUPA Subtest-4	20.92	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	22.86	22.87	23.04	24.00

Band 2 (1900MHz Band) Ant1 Default Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.83	22.87	22.84		
20	QPSK	1	49	22.67	22.70	22.56	24	0
20	QPSK	1	99	22.49	22.55	22.44		
20	QPSK	50	0	22.56	22.58	22.57		
20	QPSK	50	24	22.50	22.56	22.48	24	0
20	QPSK	50	50	22.57	22.56	22.52		
20	QPSK	100	0	22.55	22.82	22.56		
20	16QAM	1	0	22.72	22.70	22.71		
20	16QAM	1	49	22.83	22.51	22.80	24	0
20	16QAM	1	99	22.44	22.83	22.82		
20	16QAM	50	0	22.28	22.26	22.17		
20	16QAM	50	24	22.29	22.22	22.28	23	1
20	16QAM	50	50	22.09	22.20	22.33		
20	16QAM	100	0	22.20	22.22	22.26		
20	64QAM	1	0	22.65	22.82	22.83		
20	64QAM	1	49	22.76	22.77	22.73	24	0
20	64QAM	1	99	22.56	22.54	22.50		
20	64QAM	50	0	22.20	22.20	22.23		
20	64QAM	50	24	22.25	22.21	22.32	23	1
20	64QAM	50	50	22.17	22.14	22.24		
20	64QAM	100	0	22.12	22.18	22.37		
20	256QAM	1	0	19.32	19.38	19.34		
20	256QAM	1	49	19.37	19.34	19.36	20	4
20	256QAM	1	99	19.36	19.30	19.37		
20	256QAM	50	0	19.32	19.41	19.37		
20	256QAM	50	24	19.34	19.38	19.36	20	4
20	256QAM	50	50	19.40	19.39	19.38		
20	256QAM	100	0	19.37	19.34	19.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.81	22.44		
15	QPSK	1	37	22.67	22.67	22.52	24	0
15	QPSK	1	74	22.45	22.48	22.40		
15	QPSK	36	0	22.54	22.53	22.54		
15	QPSK	36	20	22.68	22.58	22.65	24	0
15	QPSK	36	39	22.55	22.53	22.56		
15	QPSK	75	0	22.59	22.56	22.61		
15	16QAM	1	0	22.69	22.65	22.67		
15	16QAM	1	37	22.80	22.47	22.75	24	0
15	16QAM	1	74	22.43	22.81	22.78		
15	16QAM	36	0	22.24	22.22	22.12		
15	16QAM	36	20	22.26	22.17	22.24	23	1
15	16QAM	36	39	22.04	22.14	22.30		
15	16QAM	75	0	22.17	22.20	22.24		
15	64QAM	1	0	22.61	22.77	22.81		
15	64QAM	1	37	22.74	22.73	22.69	24	0
15	64QAM	1	74	22.52	22.51	22.45		
15	64QAM	36	0	22.17	22.17	22.18		
15	64QAM	36	20	22.20	22.15	22.27	23	1
15	64QAM	36	39	22.15	22.09	22.18		
15	64QAM	75	0	22.09	22.15	22.32		
15	256QAM	1	0	19.73	19.71	19.70		
15	256QAM	1	37	19.83	19.78	19.81	20	4
15	256QAM	1	74	19.43	19.61	19.42		
15	256QAM	36	0	19.28	19.07	19.23		
15	256QAM	36	20	19.17	19.15	19.30	20	4
15	256QAM	36	39	19.20	18.98	19.21		
15	256QAM	75	0	18.98	19.04	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.78	22.39		
10	QPSK	1	25	22.57	22.63	22.48	24	0
10	QPSK	1	49	22.40	22.43	22.38		
10	QPSK	25	0	22.49	22.49	22.51		
10	QPSK	25	12	22.65	22.52	22.62	24	0
10	QPSK	25	25	22.51	22.52	22.57		
10	QPSK	50	0	22.55	22.52	22.57		
10	16QAM	1	0	22.64	22.60	22.65		
10	16QAM	1	25	22.77	22.42	22.69	24	0
10	16QAM	1	49	22.36	22.76	22.75		
10	16QAM	25	0	22.22	22.16	22.09		
10	16QAM	25	12	22.23	22.13	22.22	23	1
10	16QAM	25	25	22.01	22.12	22.21		
10	16QAM	50	0	22.15	22.15	22.21		
10	64QAM	1	0	22.58	22.73	22.78		
10	64QAM	1	25	22.72	22.67	22.64	24	0
10	64QAM	1	49	22.49	22.48	22.40		
10	64QAM	25	0	22.12	22.12	22.16		
10	64QAM	25	12	22.16	22.11	22.23	23	1
10	64QAM	25	25	22.02	22.06	22.14		
10	64QAM	50	0	22.03	22.11	22.28		
10	256QAM	1	0	19.66	19.70	19.78		
10	256QAM	1	25	19.84	19.75	19.69	20	4
10	256QAM	1	49	19.51	19.40	19.45		
10	256QAM	25	0	19.13	19.05	19.22		
10	256QAM	25	12	19.04	19.18	19.20	20	4
10	256QAM	25	25	19.08	19.05	19.11		
10	256QAM	50	0	18.92	19.21	19.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.49	22.74	22.35		
5	QPSK	1	12	22.53	22.58	22.42	24	0
5	QPSK	1	24	22.35	22.41	22.33		
5	QPSK	12	0	22.45	22.44	22.48		
5	QPSK	12	7	22.61	22.47	22.59	24	0
5	QPSK	12	13	22.48	22.48	22.48		
5	QPSK	25	0	22.52	22.46	22.53		
5	16QAM	1	0	22.59	22.55	22.63		
5	16QAM	1	12	22.74	22.38	22.54	24	0
5	16QAM	1	24	22.33	22.71	22.72		
5	16QAM	12	0	22.19	22.10	22.06		
5	16QAM	12	7	22.20	22.09	22.19	23	1
5	16QAM	12	13	21.95	22.07	22.16		
5	16QAM	25	0	22.13	22.12	22.18		
5	64QAM	1	0	22.54	22.71	22.74		
5	64QAM	1	12	22.67	22.63	22.60	24	0
5	64QAM	1	24	22.43	22.41	22.36		
5	64QAM	12	0	22.07	22.09	22.13		
5	64QAM	12	7	22.11	22.09	22.20	23	1
5	64QAM	12	13	22.07	22.03	22.10		
5	64QAM	25	0	22.01	22.05	22.09		
5	256QAM	1	0	19.47	19.71	19.74		
5	256QAM	1	12	19.63	19.58	19.50	20	4
5	256QAM	1	24	19.35	19.53	19.24		
5	256QAM	12	0	19.02	19.05	19.06		
5	256QAM	12	7	19.18	18.97	19.25	20	4
5	256QAM	12	13	19.15	19.10	19.01		
5	256QAM	25	0	19.03	18.95	19.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.43	22.71	22.32		
3	QPSK	1	8	22.49	22.55	22.37	24	0
3	QPSK	1	14	22.31	22.39	22.30		
3	QPSK	8	0	22.42	22.41	22.46		
3	QPSK	8	4	22.56	22.44	22.54	24	0
3	QPSK	8	7	22.45	22.46	22.44		
3	QPSK	15	0	22.50	22.42	22.49		
3	16QAM	1	0	22.53	22.53	22.59		
3	16QAM	1	8	22.72	22.32	22.60	24	0
3	16QAM	1	14	22.28	22.69	22.68		
3	16QAM	8	0	22.17	22.07	22.00		
3	16QAM	8	4	22.17	22.04	22.15	23	1
3	16QAM	8	7	21.89	22.03	22.16		
3	16QAM	15	0	22.09	22.08	22.14		
3	64QAM	1	0	22.50	22.66	22.72		
3	64QAM	1	8	22.61	22.60	22.57	24	0
3	64QAM	1	14	22.38	22.40	22.30		
3	64QAM	8	0	22.01	22.03	22.10		
3	64QAM	8	4	22.06	22.04	22.17	23	1
3	64QAM	8	7	22.02	22.00	22.06		
3	64QAM	15	0	21.97	22.00	22.18		
3	256QAM	1	0	19.54	19.62	19.83		
3	256QAM	1	8	19.69	19.60	19.68	20	4
3	256QAM	1	14	19.41	19.49	19.37		
3	256QAM	8	0	19.06	19.01	19.07		
3	256QAM	8	4	19.04	18.98	19.07	20	4
3	256QAM	8	7	18.90	19.10	19.02		
3	256QAM	15	0	19.00	19.02	19.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.41	22.68	22.26		
1.4	QPSK	1	3	22.46	22.53	22.33		
1.4	QPSK	1	5	22.27	22.33	22.26	24	0
1.4	QPSK	3	0	22.39	22.36	22.42		
1.4	QPSK	3	1	22.50	22.41	22.49		
1.4	QPSK	3	3	22.41	22.42	22.41		
1.4	QPSK	6	0	22.75	22.67	22.73	24	0
1.4	16QAM	1	0	22.80	22.81	22.67		
1.4	16QAM	1	3	22.77	22.58	22.67		
1.4	16QAM	1	5	22.53	22.76	22.84	24	0
1.4	16QAM	3	0	22.43	22.34	22.27		
1.4	16QAM	3	1	22.43	22.32	22.43		
1.4	16QAM	3	3	22.16	22.30	22.41		
1.4	16QAM	6	0	22.33	22.34	22.39	23	1
1.4	64QAM	1	0	22.74	22.81	22.82		
1.4	64QAM	1	3	22.85	22.85	22.82		
1.4	64QAM	1	5	22.63	22.65	22.55	24	0
1.4	64QAM	3	0	22.27	22.28	22.35		
1.4	64QAM	3	1	22.31	22.29	22.42		
1.4	64QAM	3	3	22.30	22.25	22.33		
1.4	64QAM	6	0	22.22	22.26	22.44	23	1
1.4	256QAM	1	0	19.86	19.91	19.76		
1.4	256QAM	1	3	19.90	19.74	19.88		
1.4	256QAM	1	5	19.60	19.64	19.64	20	4
1.4	256QAM	3	0	19.16	19.31	19.44		
1.4	256QAM	3	1	19.27	19.18	19.41		
1.4	256QAM	3	3	19.38	19.20	19.28		
1.4	256QAM	6	0	19.32	19.24	19.54	20	4

Band 4 (AWS Band) Ant1 Default Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.71	22.02	21.90		
20	QPSK	1	49	21.68	21.99	21.93	23	0
20	QPSK	1	99	21.68	21.80	21.60		
20	QPSK	50	0	21.83	21.97	21.87		
20	QPSK	50	24	21.89	21.84	21.96	23	0
20	QPSK	50	50	21.81	21.92	21.84		
20	QPSK	100	0	21.86	21.88	21.83		
20	16QAM	1	0	21.65	21.97	21.85		
20	16QAM	1	49	21.65	21.93	21.91	23	0
20	16QAM	1	99	21.62	21.73	21.56		
20	16QAM	50	0	21.80	21.80	21.82		
20	16QAM	50	24	21.84	21.90	21.91	23	0
20	16QAM	50	50	21.76	21.86	21.80		
20	16QAM	100	0	21.82	21.73	21.81		
20	64QAM	1	0	21.67	21.99	21.87		
20	64QAM	1	49	21.63	21.96	21.90	23	0
20	64QAM	1	99	21.66	21.70	21.58		
20	64QAM	50	0	21.78	21.76	21.82		
20	64QAM	50	24	21.84	21.81	21.93	23	0
20	64QAM	50	50	21.76	21.88	21.79		
20	64QAM	100	0	21.84	21.74	21.78		
20	256QAM	1	0	19.77	20.19	19.96		
20	256QAM	1	49	19.72	20.06	20.14	21	2
20	256QAM	1	99	19.93	19.95	19.77		
20	256QAM	50	0	20.07	19.91	20.03		
20	256QAM	50	24	20.16	19.97	20.25	21	2
20	256QAM	50	50	20.00	20.16	19.91		
20	256QAM	100	0	20.05	19.88	19.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.65	21.99	21.88		
15	QPSK	1	37	21.82	21.94	21.87	23	0
15	QPSK	1	74	21.66	21.70	21.58		
15	QPSK	36	0	21.79	21.78	21.81		
15	QPSK	36	20	21.84	21.80	21.93	23	0
15	QPSK	36	39	21.78	21.77	21.80		
15	QPSK	75	0	21.84	21.74	21.80		
15	16QAM	1	0	21.63	21.92	21.80		
15	16QAM	1	37	21.63	21.90	21.89	23	0
15	16QAM	1	74	21.60	21.69	21.53		
15	16QAM	36	0	21.75	21.77	21.76		
15	16QAM	36	20	21.81	21.78	21.88	23	0
15	16QAM	36	39	21.72	21.81	21.75		
15	16QAM	75	0	21.79	21.69	21.76		
15	64QAM	1	0	21.62	21.93	21.84		
15	64QAM	1	37	21.58	21.90	21.87	23	0
15	64QAM	1	74	21.61	21.64	21.53		
15	64QAM	36	0	21.74	21.73	21.80		
15	64QAM	36	20	21.79	21.77	21.90	23	0
15	64QAM	36	39	21.72	21.85	21.74		
15	64QAM	75	0	21.80	21.70	21.75		
15	256QAM	1	0	19.76	20.07	20.01		
15	256QAM	1	37	19.87	20.03	20.10	21	2
15	256QAM	1	74	19.83	19.86	19.71		
15	256QAM	36	0	20.02	19.99	20.08		
15	256QAM	36	20	20.02	20.02	20.14	21	2
15	256QAM	36	39	19.80	20.04	19.92		
15	256QAM	75	0	19.99	19.98	20.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.62	21.97	21.84		
10	QPSK	1	25	21.59	21.90	21.81	23	0
10	QPSK	1	49	21.63	21.65	21.54		
10	QPSK	25	0	21.74	21.75	21.76		
10	QPSK	25	12	21.81	21.76	21.87	23	0
10	QPSK	25	25	21.73	21.83	21.78		
10	QPSK	50	0	21.78	21.72	21.76		
10	16QAM	1	0	21.58	21.90	21.74		
10	16QAM	1	25	21.60	21.85	21.84	23	0
10	16QAM	1	49	21.58	21.65	21.49		
10	16QAM	25	0	21.70	21.72	21.72		
10	16QAM	25	12	21.76	21.74	21.83	23	0
10	16QAM	25	25	21.67	21.78	21.72		
10	16QAM	50	0	21.75	21.64	21.71		
10	64QAM	1	0	21.59	21.88	21.82		
10	64QAM	1	25	21.54	21.85	21.82	23	0
10	64QAM	1	49	21.58	21.61	21.51		
10	64QAM	25	0	21.71	21.67	21.78		
10	64QAM	25	12	21.76	21.72	21.84	23	0
10	64QAM	25	25	21.68	21.81	21.72		
10	64QAM	50	0	21.74	21.68	21.71		
10	256QAM	1	0	19.70	20.16	19.96		
10	256QAM	1	25	19.83	20.13	19.96	21	2
10	256QAM	1	49	19.89	19.84	19.78		
10	256QAM	25	0	19.81	19.90	20.07		
10	256QAM	25	12	19.93	20.09	20.05	21	2
10	256QAM	25	25	19.87	19.92	19.95		
10	256QAM	50	0	20.03	19.85	19.86		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.59	21.95	21.78		
5	QPSK	1	12	21.54	21.87	21.75	23	0
5	QPSK	1	24	21.58	21.63	21.51		
5	QPSK	12	0	21.70	21.70	21.71		
5	QPSK	12	7	21.76	21.71	21.84	23	0
5	QPSK	12	13	21.67	21.80	21.76		
5	QPSK	25	0	21.73	21.67	21.71		
5	16QAM	1	0	21.56	21.87	21.72		
5	16QAM	1	12	21.54	21.80	21.69	23	0
5	16QAM	1	24	21.55	21.62	21.46		
5	16QAM	12	0	21.68	21.69	21.70		
5	16QAM	12	7	21.74	21.70	21.79	23	0
5	16QAM	12	13	21.64	21.72	21.80		
5	16QAM	25	0	21.71	21.58	21.65		
5	64QAM	1	0	21.55	21.83	21.79		
5	64QAM	1	12	21.48	21.82	21.78	23	0
5	64QAM	1	24	21.53	21.62	21.48		
5	64QAM	12	0	21.66	21.65	21.74		
5	64QAM	12	7	21.73	21.67	21.81	23	0
5	64QAM	12	13	21.64	21.78	21.67		
5	64QAM	25	0	21.72	21.64	21.67		
5	256QAM	1	0	19.73	20.10	20.01		
5	256QAM	1	12	19.73	20.07	20.02	21	2
5	256QAM	1	24	19.73	19.79	19.62		
5	256QAM	12	0	19.88	19.76	19.95		
5	256QAM	12	7	20.01	19.95	20.01	21	2
5	256QAM	12	13	19.78	19.86	19.97		
5	256QAM	25	0	19.82	19.76	19.95		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.54	21.90	21.73		
3	QPSK	1	8	21.52	21.84	21.71	23	0
3	QPSK	1	14	21.55	21.59	21.48		
3	QPSK	8	0	21.65	21.66	21.67		
3	QPSK	8	4	21.72	21.66	21.80	23	0
3	QPSK	8	7	21.61	21.78	21.73		
3	QPSK	15	0	21.68	21.65	21.68		
3	16QAM	1	0	21.53	21.85	21.66		
3	16QAM	1	8	21.50	21.74	21.77	23	0
3	16QAM	1	14	21.53	21.58	21.43		
3	16QAM	8	0	21.65	21.64	21.65		
3	16QAM	8	4	21.68	21.66	21.75	23	0
3	16QAM	8	7	21.60	21.66	21.66		
3	16QAM	15	0	21.68	21.54	21.60		
3	64QAM	1	0	21.50	21.78	21.75		
3	64QAM	1	8	21.45	21.77	21.74	23	0
3	64QAM	1	14	21.51	21.55	21.45		
3	64QAM	8	0	21.60	21.62	21.72		
3	64QAM	8	4	21.68	21.64	21.77	23	0
3	64QAM	8	7	21.59	21.74	21.64		
3	64QAM	15	0	21.69	21.58	21.61		
3	256QAM	1	0	19.59	19.93	19.89		
3	256QAM	1	8	19.57	20.03	19.84	21	2
3	256QAM	1	14	19.69	19.78	19.59		
3	256QAM	8	0	19.80	19.82	19.92		
3	256QAM	8	4	19.96	19.74	19.93	21	2
3	256QAM	8	7	19.69	20.01	19.92		
3	256QAM	15	0	19.87	19.67	19.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.49	21.84	21.68		
1.4	QPSK	1	3	21.46	21.82	21.67		
1.4	QPSK	1	5	21.52	21.57	21.45	23	0
1.4	QPSK	3	0	21.62	21.60	21.61		
1.4	QPSK	3	1	21.67	21.61	21.75		
1.4	QPSK	3	3	21.58	21.74	21.70		
1.4	QPSK	6	0	21.63	21.63	21.64	23	0
1.4	16QAM	1	0	21.49	21.82	21.63		
1.4	16QAM	1	3	21.46	21.72	21.75		
1.4	16QAM	1	5	21.50	21.53	21.38	23	0
1.4	16QAM	3	0	21.61	21.58	21.60		
1.4	16QAM	3	1	21.65	21.62	21.69		
1.4	16QAM	3	3	21.57	21.60	21.61		
1.4	16QAM	6	0	21.63	21.50	21.57	22	1
1.4	64QAM	1	0	21.46	21.72	21.72		
1.4	64QAM	1	3	21.42	21.72	21.69		
1.4	64QAM	1	5	21.47	21.50	21.43	23	0
1.4	64QAM	3	0	21.55	21.60	21.68		
1.4	64QAM	3	1	21.63	21.60	21.74		
1.4	64QAM	3	3	21.57	21.71	21.59		
1.4	64QAM	6	0	21.85	21.74	21.75	22	1
1.4	256QAM	1	0	19.71	19.89	19.99		
1.4	256QAM	1	3	19.62	19.89	19.83		
1.4	256QAM	1	5	19.66	19.81	19.63	19	4
1.4	256QAM	3	0	19.64	19.71	19.98		
1.4	256QAM	3	1	19.94	19.92	19.86		
1.4	256QAM	3	3	19.72	19.91	19.70		
1.4	256QAM	6	0	19.86	19.67	19.81	19	4

Band 5 (Celluar Band) Ant1 Default Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.35	22.08		
10	QPSK	1	25	22.15	22.08	22.19	24	0
10	QPSK	1	49	22.04	22.17	22.10		
10	QPSK	25	0	22.19	22.33	22.30		
10	QPSK	25	12	22.28	22.22	22.32	24	0
10	QPSK	25	25	22.24	22.23	22.26		
10	QPSK	50	0	22.21	22.28	22.22		
10	16QAM	1	0	22.18	22.32	22.04		
10	16QAM	1	25	22.11	22.05	22.15	24	0
10	16QAM	1	49	22.13	22.07	22.06		
10	16QAM	25	0	22.15	22.06	22.26		
10	16QAM	25	12	22.23	22.19	22.27	24	0
10	16QAM	25	25	22.19	22.19

Band 12 (700MHz Low Band) Ant1 Default Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.41	22.67	22.57	24	0
10	QPSK	1	25	22.44	22.49	22.62		
10	QPSK	1	49	22.50	22.58	22.49		
10	QPSK	25	0	22.48	22.65	22.54	24	0
10	QPSK	25	12	22.64	22.63	22.63		
10	QPSK	25	25	22.60	22.64	22.60		
10	QPSK	50	0	22.62	22.63	22.61		
10	16QAM	1	0	22.56	22.62	22.53	24	0
10	16QAM	1	25	22.42	22.45	22.60		
10	16QAM	1	49	22.46	22.55	22.46		
10	16QAM	25	0	22.45	22.48	22.49	24	0
10	16QAM	25	12	22.59	22.59	22.62		
10	16QAM	25	25	22.55	22.61	22.54		
10	16QAM	50	0	22.59	22.55	22.56		
10	64QAM	1	0	22.55	22.62	22.55	24	0
10	64QAM	1	25	22.42	22.47	22.60		
10	64QAM	1	49	22.46	22.53	22.44		
10	64QAM	25	0	21.55	21.51	21.44	23	1
10	64QAM	25	12	21.48	21.50	21.74		
10	64QAM	25	25	21.50	21.73	21.54		
10	64QAM	50	0	21.61	21.49	21.54		
10	256QAM	1	0	20.39	20.36	20.20	22	2
10	256QAM	1	25	20.27	20.35	20.42		
10	256QAM	1	49	20.32	20.58	20.24		
10	256QAM	25	0	20.57	20.47	20.42	22	2
10	256QAM	25	12	20.52	20.51	20.65		
10	256QAM	25	25	20.45	20.64	20.52		
10	256QAM	50	0	20.68	20.57	20.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.36	22.61	22.53	24	0
5	QPSK	1	12	22.40	22.46	22.60		
5	QPSK	1	24	22.44	22.53	22.45		
5	QPSK	12	0	22.44	22.49	22.52	24	0
5	QPSK	12	7	22.59	22.59	22.63		
5	QPSK	12	13	22.55	22.61	22.55		
5	QPSK	25	0	22.56	22.54	22.56		
5	16QAM	1	0	22.54	22.58	22.51	24	0
5	16QAM	1	12	22.36	22.40	22.55		
5	16QAM	1	24	22.41	22.53	22.43		
5	16QAM	12	0	22.43	22.42	22.43	24	0
5	16QAM	12	7	22.54	22.54	22.58		
5	16QAM	12	13	22.52	22.59	22.49		
5	16QAM	25	0	22.53	22.52	22.54		
5	64QAM	1	0	22.52	22.56	22.53	24	0
5	64QAM	1	12	22.37	22.41	22.57		
5	64QAM	1	24	22.42	22.49	22.42		
5	64QAM	12	0	21.49	21.43	21.37	23	1
5	64QAM	12	7	21.55	21.51	21.49		
5	64QAM	12	13	21.58	21.48	21.61		
5	64QAM	25	0	21.60	21.55	21.51		
5	256QAM	1	0	20.31	20.20	20.35	22	2
5	256QAM	1	12	20.39	20.26	20.40		
5	256QAM	1	24	20.30	20.40	20.44		
5	256QAM	12	0	20.42	20.43	20.43	22	2
5	256QAM	12	7	20.62	20.45	20.51		
5	256QAM	12	13	20.61	20.52	20.61		
5	256QAM	25	0	20.59	20.63	20.55		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.30	22.56	22.49	24	0
3	QPSK	1	8	22.37	22.40	22.57		
3	QPSK	1	14	22.40	22.51	22.41		
3	QPSK	8	0	22.39	22.45	22.48	24	0
3	QPSK	8	4	22.53	22.56	22.59		
3	QPSK	8	7	22.52	22.56	22.52		
3	QPSK	15	0	22.53	22.51	22.52		
3	16QAM	1	0	22.51	22.56	22.47	24	0
3	16QAM	1	8	22.32	22.34	22.50		
3	16QAM	1	14	22.38	22.50	22.41		
3	16QAM	8	0	22.38	22.38	22.37	24	0
3	16QAM	8	4	22.49	22.48	22.53		
3	16QAM	8	7	22.47	22.56	22.46		
3	16QAM	15	0	22.49	22.48	22.51		
3	64QAM	1	0	22.47	22.52	22.49	24	0
3	64QAM	1	8	22.34	22.38	22.52		
3	64QAM	1	14	22.40	22.44	22.36		
3	64QAM	8	0	21.27	21.30	21.26	23	1
3	64QAM	8	4	21.47	21.44	21.50		
3	64QAM	8	7	21.48	21.50	21.57		
3	64QAM	15	0	21.43	21.60	21.55		
3	256QAM	1	0	20.06	20.08	20.15	22	2
3	256QAM	1	8	20.14	20.26	20.24		
3	256QAM	1	14	20.22	20.31	20.39		
3	256QAM	8	0	20.37	20.32	20.28	22	2
3	256QAM	8	4	20.37	20.47	20.46		
3	256QAM	8	7	20.40	20.53	20.47		
3	256QAM	15	0	20.52	20.49	20.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.52	22.45	24	0
1.4	QPSK	1	3	22.33	22.37	22.52		
1.4	QPSK	1	5	22.37	22.46	22.35		
1.4	QPSK	3	0	22.36	22.41	22.43		
1.4	QPSK	3	1	22.47	22.52	22.57		
1.4	QPSK	3	3	22.50	22.54	22.48		
1.4	QPSK	6	0	22.49	22.45	22.46	24	0
1.4	16QAM	1	0	22.48	22.52	22.45	24	0
1.4	16QAM	1	3	22.27	22.29	22.45		
1.4	16QAM	1	5	22.35	22.45	22.38		
1.4	16QAM	3	0	22.33	22.35	22.32		
1.4	16QAM	3	1	22.45	22.44	22.50		
1.4	16QAM	3	3	22.45	22.54	22.41		
1.4	16QAM	6	0	22.44	22.44	22.47	24	0
1.4	64QAM	1	0	22.44	22.47	22.45	24	0
1.4	64QAM	1	3	22.31	22.36	22.48		
1.4	64QAM	1	5	22.36	22.39	22.30		
1.4	64QAM	3	0	22.21	22.40	22.23		
1.4	64QAM	3	1	22.55	22.35	22.58		
1.4	64QAM	3	3	22.57	22.66	22.37		
1.4	64QAM	6	0	21.54	21.33	21.52	23	1
1.4	256QAM	1	0	20.33	20.23	20.01	22	2
1.4	256QAM	1	3	20.45	20.08	20.36		
1.4	256QAM	1	5	20.40	20.40	20.24		
1.4	256QAM	3	0	20.28	20.42	20.19		
1.4	256QAM	3	1	20.66	20.27	20.53		
1.4	256QAM	3	3	20.53	20.67	20.45		
1.4	256QAM	6	0	20.51	20.28	20.47	22	2

Band 13(700MHz Band) Ant1 Default Power Part 27F

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.48		23	0
10	QPSK	1	25		22.16			
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.19		23	0
10	QPSK	25	12		22.15			
10	QPSK	25	25		22.17			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.44		23	0
10	16QAM	1	25		22.34			
10	16QAM	1	49		22.42			
10	16QAM	25	0		21.44		23	0
10	16QAM	25	12		21.62			
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.58			
10	64QAM	1	0		22.01		23	0
10	64QAM	1	25		22.05			
10	64QAM	1	49		22.08			
10	64QAM	25	0		21.42		22	1
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.58			
10	256QAM	1	0		20.60		21	2
10	256QAM	1	25		20.44			
10	256QAM	1	49		20.40			
10	256QAM	25	0		20.51		21	2
10	256QAM	25	12		20.55			
10	256QAM	25	25		20.45			
10	256QAM	50	0		20.53			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.35	22.28	22.38	23	0
5	QPSK	1	12	22.41	22.17	22.16		
5	QPSK	1	24	22.17	22.16	22.34		
5	QPSK	12	0	22.16	22.02	22.01	23	0
5	QPSK	12	7	22.05	22.08	22.25		
5	QPSK	12	13	22.09	22.16	22.12		
5	QPSK	25	0	22.05	22.03	22.11		
5	16QAM	1	0	22.36	22.14	22.40	23	0
5	16QAM	1	12	22.47	22.46	22.46		
5	16QAM	1	24	22.00	22.06	22.04		
5	16QAM	12	0	21.31	21.34	21.80	23	0
5	16QAM	12	7	21.35	21.65	21.51		
5	16QAM	12	13	21.42	21.54	21.60		
5	16QAM	25	0	21.26	21.59	21.56		
5	64QAM	1	0	22.22	22.15	22.24	23	0
5	64QAM	1	12	22.27	22.29	22.16		
5	64QAM	1	24	22.26	22.44	22.08		
5	64QAM	12	0	21.36	21.34	21.64	22	1
5	64QAM	12	7	21.36	21.57	21.60		
5	64QAM	12	13	21.24	21.67	21.38		
5	64QAM	25	0	21.27	21.45	21.31		
5	256QAM	1	0	20.38	20.24	20.31	21	2
5	256QAM	1	12	20.31	20.20	20.32		
5	256QAM	1	24	20.35	20.36	20.50		
5	256QAM	12	0	20.43	20.38	20.32	21	2
5	256QAM	12	7	20.33	20.20	20.50		
5	256QAM	12	13	20.45	20.17	20.48		
5	256QAM	25	0	20.24	20.25	20.40		

Band 17 (700MHz Band) Ant1 Default Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.43	22.59	22.47	24	0
10	QPSK	1	25	22.52	22.47	22.56		
10	QPSK	1	49	22.42	22.41	22.37		
10	QPSK	25	0	22.37	22.53	22.42	24	0
10	QPSK	25	12	22.48	22.47	22.50		
10	QPSK	25	25	22.49	22.42	22.52		
10	QPSK	50	0	22.36	22.50	22.47		
10	16QAM	1	0	22.40	22.55	22.45	24	0
10	16QAM	1	25	22.49	22.44	22.51		
10	16QAM	1	49	22.39	22.37	22.33		
10	16QAM	25	0	22.34	22.39	22.36	24	0
10	16QAM	25	12	22.54	22.54	22.45		
10	16QAM	25	25	22.44	22.37	22.48		
10	16QAM	50	0	22.30	22.36	22.43		
10	64QAM	1	0	22.41	22.56	22.42	24	0
10	64QAM	1	25	22.49	22.41	22.54		
10	64QAM	1	49	22.40	22.38	22.35		
10	64QAM	25	0	22.31	22.37	22.37	24	0
10	64QAM	25	12	22.54	22.52	22.47		
10	64QAM	25	25	22.47	22.38	22.47		
10	64QAM	50	0	22.34	22.35	22.45		
10	256QAM	1	0	20.51	20.60	20.75	22	2
10	256QAM	1	25	20.88	20.86	20.72		
10	256QAM	1	49	20.68	20.64	20.69		
10	256QAM	25	0	20.35	20.42	20.46	22	2
10	256QAM	25	12	20.64	20.56	20.57		
10	256QAM	25	25	20.36	20.37	20.58		
10	256QAM	50	0	20.38	20.42	20.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.57	22.43	24	0
5	QPSK	1	12	22.46	22.41	22.52		
5	QPSK	1	24	22.36	22.36	22.32		
5	QPSK	12	0	22.33	22.39	22.37	24	0
5	QPSK	12	7	22.54	22.54	22.47		
5	QPSK	12	13	22.44	22.37	22.47		
5	QPSK	25	0	22.31	22.36	22.45		
5	16QAM	1	0	22.36	22.52	22.41	24	0
5	16QAM	1	12	22.45	22.38	22.48		
5	16QAM	1	24	22.36	22.31	22.29		
5	16QAM	12	0	22.31	22.35	22.32	24	0
5	16QAM	12	7	22.48	22.49	22.40		
5	16QAM	12	13	22.38	22.33	22.42		
5	16QAM	25	0	22.25	22.33	22.39		
5	64QAM	1	0	22.39	22.52	22.38	24	0
5	64QAM	1	12	22.45	22.39	22.52		
5	64QAM	1	24	22.34	22.34	22.32		
5	64QAM	12	0	22.28	22.32	22.33	24	0
5	64QAM	12	7	22.49	22.46	22.44		
5	64QAM	12	13	22.41	22.35	22.41		
5	64QAM	25	0	22.31	22.30	22.40		
5	256QAM	1	0	20.50	20.47	20.41	22	2
5	256QAM	1	12	20.71	20.58	20.59		
5	256QAM	1	24	20.59	20.66	20.67		
5	256QAM	12	0	20.31	20.28	20.30	22	2
5	256QAM	12	7	20.51	20.48	20.38		
5	256QAM	12	13	20.39	20.41	20.46		
5	256QAM	25	0	20.27	20.40	20.37		

Band 25 (1900MHz Band) Ant1 Default Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.13	23.28	23.25	24	0
20	QPSK	1	49	23.07	23.00	23.10		
20	QPSK	1	99	22.89	22.86	22.97		
20	QPSK	50	0	22.05	22.14	22.09	23	1
20	QPSK	50	24	22.05	22.12	22.09		
20	QPSK	50	50	22.05	22.04	22.13		
20	QPSK	100	0	22.10	22.17	22.13		
20	16QAM	1	0	22.33	22.28	22.45	23	1
20	16QAM	1	49	22.43	22.34	22.45		
20	16QAM	1	99	22.18	22.19	22.30		
20	16QAM	50	0	21.09	21.05	21.11	23	1
20	16QAM	50	24	21.14	21.13	21.12		
20	16QAM	50	50	21.10	21.02	21.16		
20	16QAM	100	0	21.11	21.08	21.19		
20	64QAM	1	0	22.18	22.16	22.18	23	1
20	64QAM	1	49	22.30	22.14	22.26		
20	64QAM	1	99	22.12	22.00	22.18		
20	64QAM	50	0	21.05	21.06	21.12	22	2
20	64QAM	50	24	21.13	21.02	21.13		
20	64QAM	50	50	21.07	21.05	21.18		
20	64QAM	100	0	21.11	21.08	21.18		
20	256QAM	1	0	17.71	17.77	17.64	19	5
20	256QAM	1	49	17.99	17.99	17.95		
20	256QAM	1	99	18.09	18.08	18.00		
20	256QAM	50	0	17.75	17.84	17.74	19	5
20	256QAM	50	24	17.99	17.96	17.87		
20	256QAM	50	50	18.07	18.02	18.00		
20	256QAM	100	0	17.91	17.97	18.00		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.02	22.96	23.01	24	0
15	QPSK	1	37	22.99	22.96	23.04		
15	QPSK	1	74	22.92	22.88	22.99		
15	QPSK	36	0	22.10	22.02	22.07	23	1
15	QPSK	36	20	22.09	22.08	22.14		
15	QPSK	36	39	22.08	22.07	22.15		
15	QPSK	75	0	22.11	22.03	22.14		
15	16QAM	1	0	22.40	22.35	22.34	23	1
15	16QAM	1	37	22.44	22.32	22.37		
15	16QAM	1	74	22.22	22.07	22.30		
15	16QAM	36	0	21.13	21.03	21.06	23	1
15	16QAM	36	20	21.13	21.10	21.19		
15	16QAM	36	39	21.08	21.06	21.15		
15	16QAM	75	0	21.05	21.05	21.16		
15	64QAM	1	0	22.13	22.19	22.13	23	1
15	64QAM	1	37	22.12	22.22	22.30		
15	64QAM	1	74	22.10	22.07	22.27		
15	64QAM	36	0	21.10	21.01	21.09	22	2
15	64QAM	36	20	21.14	21.09	21.18		
15	64QAM	36	39	21.06	21.05	21.13		
15	64QAM	75	0	21.07	21.06	21.16		
15	256QAM	1	0	17.69	17.72	17.66	19	5
15	256QAM	1	37	17.87	18.04	17.94		
15	256QAM	1	74	18.14	18.00	18.03		
15	256QAM	36	0	17.67	17.76	17.72	19	5
15	256QAM	36	20	18.01	17.87	17.87		
15	256QAM	36	39	18.11	17.94	17.86		
15	256QAM	75	0	17.83	17.84	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.09	23.05	23.16	24	0
10	QPSK	1	25	23.12	23.13	23.22		
10	QPSK	1	49	22.97	22.97	23.15		
10	QPSK	25	0	22.26	22.20	22.22	23	1
10	QPSK	25	12	22.27	22.24	22.26		
10	QPSK	25	25	22.20	22.16	22.30		
10	QPSK	50	0	22.21	22.23	22.29		
10	16QAM	1	0	22.46	22.49	22.55	23	1
10	16QAM	1	25	22.45	22.47	22.53		
10	16QAM	1	49	22.32	22.35	22.56		
10	16QAM	25	0	21.30	21.26	21.24	23	1
10	16QAM	25	12	21.27	21.24	21.36		
10	16QAM	25	25	21.24	21.21	21.33		
10	16QAM	50	0	21.24	21.21	21.32		
10	64QAM	1	0	22.34	22.23	22.33	23	1
10	64QAM	1	25	22.32	22.24	22.34		
10	64QAM	1	49	22.15	22.29	22.38		
10	64QAM	25	0	21.25	21.24	21.22	22	2
10	64QAM	25	12	21.25	21.27	21.30		
10	64QAM	25	25	21.21	21.21	21.29		
10	64QAM	50	0	21.25	21.22	21.28		
10	256QAM	1	0	17.67	17.70	17.97	19	5
10	256QAM	1	25	18.01	17.87	17.85		
10	256QAM	1	49	18.13	18.09	17.89		
10	256QAM	25	0	17.82	17.76	17.66	19	5
10	256QAM	25	12	17.97	17.84	17.90		
10	256QAM	25	25	18.01	17.90	17.88		
10	256QAM	50	0	17.85	17.89	17.95		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.19	23.14	23.14	24	0
5	QPSK	1	12	23.17	23.17	23.27		
5	QPSK	1	24	23.14	23.15	23.17		
5	QPSK	12	0	22.17	22.20	22.20	23	1
5	QPSK	12	7	22.25	22.23	22.23		
5	QPSK	12	13	22.19	22.17	22.31		
5	QPSK	25	0	22.23	22.18	22.22		
5	16QAM	1	0	22.57	22.56	22.52	23	1
5	16QAM	1	12	22.59	22.49	22.62		
5	16QAM	1	24	22.50	22.57	22.64		
5	16QAM	12	0	21.21	21.29	21.23	23	1
5	16QAM	12	7	21.27	21.24	21.29		
5	16QAM	12	13	21.27	21.20	21.35		
5	16QAM	25	0	21.24	21.20	21.21		
5	64QAM	1	0	22.36	22.36	22.30	23	1
5	64QAM	1	12	22.29	22.29	22.42		
5	64QAM	1	24	22.39	22.32	22.30		
5	64QAM	12	0	21.16	21.22	21.24	22	2
5	64QAM	12	7	21.26	21.24	21.23		
5	64QAM	12	13	21.24	21.21	21.33		
5	64QAM	25	0	21.21	21.21	21.22		
5	256QAM	1	0	17.90	17.82	17.85	19	5
5	256QAM	1	12	17.90	18.02	17.90		
5	256QAM	1	24	18.12	17.97	17.89		
5	256QAM	12	0	17.81	17.81	17.92	19	5
5	256QAM	12	7	17.85	17.92	17.80		
5	256QAM	12	13	17.97	17.95	18.02		
5	256QAM	25	0	17.78	17.99	17.93		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.10	23.07	23.18	24	0
3	QPSK	1	8	23.13	23.10	23.25		
3	QPSK	1	14	23.04	23.03	23.21		
3	QPSK	8	0	22.22	22.19	22.21	23	1
3	QPSK	8	4	22.23	22.19	22.23		
3	QPSK	8	7	22.20	22.16	22.31		
3	QPSK	15	0	22.20	22.17	22.22		
3	16QAM	1	0	22.53	22.46	22.62	23	1
3	16QAM	1	8	22.56	22.53	22.67		
3	16QAM	1	14	22.53	22.46	22.61		
3	16QAM	8	0	21.31	21.28	21.29	23	1
3	16QAM	8	4	21.28	21.30	21.33		
3	16QAM	8	7	21.28	21.25	21.38		
3	16QAM	15	0	21.24	21.24	21.23		
3	64QAM	1	0	22.30	22.22	22.42	23	1
3	64QAM	1	8	22.30	22.32	22.51		
3	64QAM	1	14	22.25	22.17	22.30		
3	64QAM	8	0	21.24	21.21	21.26	22	2
3	64QAM	8	4	21.23	21.21	21.27

Band 26 for FCC Ant1 Default Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.27	22.40	22.26	24	0
15	QPSK	1	37	22.36	22.24	22.31		
15	QPSK	1	74	22.05	22.31	22.36		
15	QPSK	36	0	22.22	22.38	22.32	24	0
15	QPSK	36	20	22.31	22.28	22.32		
15	QPSK	36	39	22.32	22.31	22.34		
15	QPSK	75	0	22.31	22.33	22.32		
15	16QAM	1	0	22.21	22.34	22.22	24	0
15	16QAM	1	37	22.34	22.20	22.27		
15	16QAM	1	74	22.01	22.27	22.30		
15	16QAM	36	0	22.17	22.18	22.33	24	0
15	16QAM	36	20	22.26	22.22	22.28		
15	16QAM	36	39	22.35	22.34	22.36		
15	16QAM	75	0	22.31	22.30	22.33		
15	64QAM	1	0	22.03	22.22	22.04	24	0
15	64QAM	1	37	22.12	22.04	22.01		
15	64QAM	1	74	22.04	22.03	22.07		
15	64QAM	36	0	22.07	22.08	22.18	24	0
15	64QAM	36	20	22.10	22.04	22.11		
15	64QAM	36	39	22.12	22.06	22.10		
15	64QAM	75	0	22.14	22.08	22.08		
15	256QAM	1	0	20.76	21.02	20.65	22	2
15	256QAM	1	37	20.98	20.79	20.91		
15	256QAM	1	74	20.67	20.80	20.75		
15	256QAM	36	0	20.89	20.89	20.88	22	2
15	256QAM	36	20	21.11	21.00	21.27		
15	256QAM	36	39	21.21	20.94	21.37		
15	256QAM	75	0	21.06	21.00	21.07		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.24	22.37	22.24	24	0
10	QPSK	1	25	22.32	22.21	22.28		
10	QPSK	1	49	22.00	22.26	22.31		
10	QPSK	25	0	22.18	22.20	22.32	24	0
10	QPSK	25	12	22.28	22.24	22.26		
10	QPSK	25	25	22.35	22.32	22.36		
10	QPSK	50	0	22.32	22.27	22.30		
10	16QAM	1	0	22.18	22.28	22.17	24	0
10	16QAM	1	25	22.31	22.14	22.23		
10	16QAM	1	49	22.10	22.23	22.27		
10	16QAM	25	0	22.11	22.14	22.30	24	0
10	16QAM	25	12	22.24	22.17	22.25		
10	16QAM	25	25	22.31	22.31	22.33		
10	16QAM	50	0	22.28	22.28	22.30		
10	64QAM	1	0	22.20	22.34	22.19	24	0
10	64QAM	1	25	22.29	22.16	22.25		
10	64QAM	1	49	22.07	22.21	22.27		
10	64QAM	25	0	22.14	22.15	22.29	24	0
10	64QAM	25	12	22.22	22.23	22.24		
10	64QAM	25	25	22.31	22.34	22.30		
10	64QAM	50	0	22.28	22.21	22.25		
10	256QAM	1	0	20.96	20.74	20.78	22	2
10	256QAM	1	25	21.10	20.93	20.92		
10	256QAM	1	49	20.63	21.11	20.91		
10	256QAM	25	0	20.97	21.00	20.80	22	2
10	256QAM	25	12	20.94	20.89	21.09		
10	256QAM	25	25	21.13	21.03	21.16		
10	256QAM	50	0	20.88	21.08	21.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.31	22.20	24	0
5	QPSK	1	12	22.28	22.17	22.25		
5	QPSK	1	24	22.04	22.21	22.25		
5	QPSK	12	0	22.13	22.15	22.29	24	0
5	QPSK	12	7	22.24	22.21	22.20		
5	QPSK	12	13	22.32	22.26	22.32		
5	QPSK	25	0	22.30	22.25	22.27		
5	16QAM	1	0	22.13	22.23	22.15	24	0
5	16QAM	1	12	22.27	22.11	22.21		
5	16QAM	1	24	22.04	22.18	22.21		
5	16QAM	12	0	22.07	22.10	22.27	24	0
5	16QAM	12	7	22.19	22.12	22.19		
5	16QAM	12	13	22.28	22.26	22.30		
5	16QAM	25	0	22.26	22.24	22.28		
5	64QAM	1	0	22.16	22.28	22.15	24	0
5	64QAM	1	12	22.23	22.10	22.19		
5	64QAM	1	24	22.01	22.18	22.22		
5	64QAM	12	0	22.12	22.10	22.26	24	0
5	64QAM	12	7	22.19	22.21	22.21		
5	64QAM	12	13	22.27	22.28	22.25		
5	64QAM	25	0	22.22	22.17	22.21		
5	256QAM	1	0	20.99	20.83	20.79	22	2
5	256QAM	1	12	21.10	20.72	21.01		
5	256QAM	1	24	20.70	21.10	20.75		
5	256QAM	12	0	21.02	20.84	20.89	22	2
5	256QAM	12	7	20.80	20.88	21.18		
5	256QAM	12	13	20.95	21.24	21.06		
5	256QAM	25	0	20.75	21.04	20.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.15	22.29	22.18	24	0
3	QPSK	1	8	22.22	22.13	22.22		
3	QPSK	1	14	22.08	22.19	22.22		
3	QPSK	8	0	22.10	22.11	22.24	24	0
3	QPSK	8	4	22.21	22.17	22.17		
3	QPSK	8	7	22.29	22.21	22.28		
3	QPSK	15	0	22.26	22.19	22.21		
3	16QAM	1	0	22.08	22.18	22.10	24	0
3	16QAM	1	8	22.25	22.07	22.18		
3	16QAM	1	14	22.00	22.13	22.17		
3	16QAM	8	0	22.01	22.06	22.24	24	0
3	16QAM	8	4	22.14	22.08	22.15		
3	16QAM	8	7	22.24	22.23	22.25		
3	16QAM	15	0	22.22	22.21	22.25		
3	64QAM	1	0	22.12	22.22	22.12	24	0
3	64QAM	1	8	22.21	22.10	22.15		
3	64QAM	1	14	22.06	22.15	22.19		
3	64QAM	8	0	22.06	22.04	22.22	24	0
3	64QAM	8	4	22.13	22.16	22.17		
3	64QAM	8	7	22.23	22.22	22.21		
3	64QAM	15	0	22.16	22.14	22.18		
3	256QAM	1	0	20.92	20.98	20.89	22	2
3	256QAM	1	8	20.84	20.76	21.25		
3	256QAM	1	14	20.84	20.89	21.00		
3	256QAM	8	0	20.79	20.73	20.74	22	2
3	256QAM	8	4	20.95	20.97	20.97		
3	256QAM	8	7	21.04	20.99	21.20		
3	256QAM	15	0	20.90	21.01	21.17		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.10	22.26	22.13	24	0
1.4	QPSK	1	3	22.20	22.09	22.17		
1.4	QPSK	1	5	22.04	22.14	22.17		
1.4	QPSK	3	0	22.07	22.06	22.19		
1.4	QPSK	3	1	22.19	22.13	22.13		
1.4	QPSK	3	3	22.24	22.19	22.24		
1.4	QPSK	6	0	22.23	22.17	22.18	24	0
1.4	16QAM	1	0	22.04	22.12	22.06	24	0
1.4	16QAM	1	3	22.22	22.04	22.14		
1.4	16QAM	1	5	22.07	22.09	22.15		
1.4	16QAM	3	0	22.05	22.03	22.20		
1.4	16QAM	3	1	22.09	22.05	22.13		
1.4	16QAM	3	3	22.19	22.17	22.22		
1.4	16QAM	6	0	22.19	22.16	22.20	24	0
1.4	64QAM	1	0	22.10	22.18	22.09	24	0
1.4	64QAM	1	3	22.17	22.02	22.13		
1.4	64QAM	1	5	22.03	22.10	22.15		
1.4	64QAM	3	0	22.02	22.09	22.18		
1.4	64QAM	3	1	22.08	22.12	22.13		
1.4	64QAM	3	3	22.17	22.12	22.19		
1.4	64QAM	6	0	22.10	22.11	22.14	24	0
1.4	256QAM	1	0	20.79	20.94	20.73	22	2
1.4	256QAM	1	3	20.83	20.57	20.87		
1.4	256QAM	1	5	20.87	20.76	21.00		
1.4	256QAM	3	0	20.86	20.84	20.73		
1.4	256QAM	3	1	20.77	20.85	20.86		
1.4	256QAM	3	3	21.11	20.86	20.86		
1.4	256QAM	6	0	20.79	20.82	20.76	22	2

Band 66 Ant1 Default Power

BW [MHz]	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	21.86	22.05	22.01	23	0
20	QPSK	1	49	22.04	22.01	21.91		
20	QPSK	1	99	21.69	21.82	21.93		
20	QPSK	50	0	20.92	21.05	21.02	22	1
20	QPSK	50	24	21.03	21.03	21.00		
20	QPSK	50	50	20.93	20.95	20.98		
20	QPSK	100	0	20.95	20.98	20.96		
20	16QAM	1	0	21.20	21.15	21.27	22	1
20	16QAM	1	49	21.45	21.37	21.22		
20	16QAM	1	99	21.52	21.20	21.37		
20	16QAM	50	0	20.26	20.40	20.35	21	2
20	16QAM	50	24	20.20	20.17	20.17		
20	16QAM	50	50	20.31	20.43	20.33		
20	16QAM	100	0	20.21	20.19	20.29		
20	64QAM	1	0	20.08	20.06	20.27	21	2
20	64QAM	1	49	20.18	20.05	20.11		
20	64QAM	1	99	20.06	19.87	20.21		
20	64QAM	50	0	19.02	19.03	19.14	20	3
20	64QAM	50	24	19.07	18.91	18.97		
20	64QAM	50	50	18.90	18.99	18.97		
20	64QAM	100	0	19.06	18.90	18.91		
20	256QAM	1	0	17.39	17.62	17.40	18	5
20	256QAM	1	49	17.61	17.45	17.52		
20	256QAM	1	99	17.17	17.34	17.38		
20	256QAM	50	0	16.94	17.05	17.05	18	5
20	256QAM	50	24	17.13	17.14	16.98		
20	256QAM	50	50	16.95	16.96	17.02		
20	256QAM	100	0	17.04	17.02	16.88		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.83	22.00	21.98	23	0
15	QPSK	1	37	22.00	21.96	21.87		
15	QPSK	1	74	21.67	21.79	21.88		
15	QPSK	36	0	20.90	21.00	20.98	22	1
15	QPSK	36	20	20.98	21.00	20.95		
15	QPSK	36	39	20.89	20.91	20.92		
15	QPSK	75	0	20.90	20.88	20.91		
15	16QAM	1	0	21.18	21.12	21.23	22	1
15	16QAM	1	37	21.42	21.31	21.18		
15	16QAM	1	74	21.48	21.14	21.33		
15	16QAM	36	0	19.81	20.05	19.90	21	2
15	16QAM	36	20	20.09	20.12	19.98		
15	16QAM	36	39	19.92	19.97	19.86		
15	16QAM	75	0	19.92	19.83	20.02		
15	64QAM	1	0	20.29	20.38	20.41	21	2
15	64QAM	1	37	20.49	20.57	20.40		
15	64QAM	1	74	20.16	20.17	20.35		
15	64QAM	36	0	18.97	18.90	18.93	20	3
15	64QAM	36	20	19.09	18.91	18.84		
15	64QAM	36	39	18.89	18.94	18.97		
15	64QAM	75	0	18.82	18.98	18.99		
15	256QAM	1	0	17.25	17.48	17.39	18	5
15	256QAM	1	37	17.41	17.56	17.42		
15	256QAM	1	74	17.11	17.26	17.36		
15	256QAM	36	0	17.02	16.91	16.98	18	5
15	256QAM	36	20	16.94	16.90	17.04		
15	256QAM	36	39	16.78	16.97	16.97		
15	256QAM	75	0	16.92	16.88	16.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.80	21.94	21.96	23	0
10	QPSK	1	25	21.95	21.93	21.85		
10	QPSK	1	49	21.62	21.76	21.83		
10	QPSK	25	0	20.87	20.95	20.96	22	1
10	QPSK	25	12	20.93	20.97	20.92		
10	QPSK	25	25	20.85	20.87	20.89		
10	QPSK	50	0	20.86	20.82	20.86		
10	16QAM	1	0	21.16	21.09	21.19	22	1
10	16QAM	1	25	21.38	21.28	21.14		
10	16QAM	1	49	21.42	21.09	21.29		
10	16QAM	25	0	19.77	19.95	19.99	21	2
10	16QAM	25	12	20.03	19.99	19.89		
10	16QAM	25	25	19.76	19.97	19.88		
10	16QAM	50	0	19.82	19.91	19.96		
10	64QAM	1	0	20.31	20.46	20.48	21	2
10	64QAM	1	25	20.41	20.34	20.42		
10	64QAM	1	49	20.19	20.30	20.36		
10	64QAM	25	0	19.39	19.33	19.49	20	3
10	64QAM	25	12	19.41	19.58	19.44		
10	64QAM	25	25	19.27	19.28	19.47		
10	64QAM	50	0	19.46	19.20	19.47		
10	256QAM	1	0	17.36	17.47	17.39	18	5
10	256QAM	1	25	17.62	17.58	17.31		
10	256QAM	1	49	17.15	17.32	17.43		
10	256QAM	25	0	16.99	17.06	17.09	18	5
10	256QAM	25	12	17.11	17.06	16.89		
10	256QAM	25	25	16.83	16.97	17.09		
10	256QAM	50	0	17.07	17.02	16.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.75	21.90	21.91	23	0
5	QPSK	1	12	21.89	21.88	21.79		
5	QPSK	1	24	21.56	21.73	21.80		
5	QPSK	12	0	20.82	20.91	20.91	22	1
5	QPSK	12	7	20.89	20.92	20.90		
5	QPSK	12	13	20.82	20.82	20.85		
5	QPSK	25	0	20.82	20.79	20.82		
5	16QAM	1	0	21.12	21.04	21.13	22	1
5	16QAM	1	12	21.35	21.22	21.12		
5	16QAM	1	24	21.36	21.04	21.25		
5	16QAM	12	0	19.82	19.90	19.85	21	2
5	16QAM	12	7	19.84	20.01	19.79		
5	16QAM	12	13	19.80	19.71	19.87		
5	16QAM	25	0	19.81	19.72	19.77		
5	64QAM	1	0	20.35	20.42	20.49	21	2
5	64QAM	1	12	20.47	20.27	20.24		
5	64QAM	1	24	20.14	20.22	20.26		
5	64QAM	12	0	18.93	18.82	18.95	20	3
5	64QAM	12	7	18.93	19.00	18.99		
5	64QAM	12	13	18.75	18.72	18.92		
5	64QAM	25	0	18.90	18.79	18.83		
5	256QAM	1	0	17.37	17.41	17.50	18	5
5	256QAM	1	12	17.38	17.41	17.27		
5	256QAM	1	24	17.11	17.30	17.36		
5	256QAM	12	0	16.91	16.94	16.92	18	5
5	256QAM	12	7	16.92	16.84	16.88		
5	256QAM	12	13	16.85	16.88	16.87		
5	256QAM	25	0	16.73	16.82	16.85		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.71	21.86	21.85	23	0
3	QPSK	1	8	21.85	21.85	21.75		
3	QPSK	1	14	21.50	21.67	21.75		
3	QPSK	8	0	20.77	20.87	20.89	22	1
3	QPSK	8	4	20.84	20.86	20.87		
3	QPSK	8	7	20.76	20.78	20.81		
3	QPSK	15	0	20.77	20.76	20.77		
3	16QAM	1	0	21.08	21.02	21.07	22	1
3	16QAM	1	8	21.31	21.20	21.08		
3	16QAM	1	14	21.33	20.98	21.22		
3	16QAM	8	0	19.71	19.88	19.93	21	2
3	16QAM	8	4	19.93	19.89	19.87		
3	16QAM	8	7	19.67	19.78	19.71		
3	16QAM	15	0	19.77	19.83	19.71		
3	64QAM	1	0	20.15	20.39	20.34	21	2
3	64QAM	1	8	20.40	20.43	20.24		
3	64QAM	1	14	20.11	20.19	20.13		
3	64QAM	8	0	18.84	18.90	18.99	20	3
3	64QAM	8	4	18.91	18.86	18.84		
3	64QAM	8	7	18.91	18.70	18.80		
3	64QAM	15	0	18.74	18.83	18.67		
3	256QAM	1	0	17.28	17.41	17.34	18	5
3	256QAM	1	8	17.45	17.47	17.31		
3	256QAM	1	14	17.07	17.06	17.19		
3	256QAM	8	0	16.87	16.88	16.81	18	5
3	256QAM	8	4	16.88	16.79	16.88		
3	256QAM	8	7	16.71	16.69	16.70		
3	256QAM	15	0	16.85	16.74	16.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.68	21.83	21.82	23	0
1.4	QPSK	1	3	21.80	21.83	21.70		
1.4	QPSK	1	5	21.45	21.63	21.70		
1.4	QPSK	3	0	21.02	21.00	21.07		
1.4	QPSK	3	1	21.11	21.20	21.00		
1.4	QPSK	3	3	21.00	21.01	21.09		
1.4	QPSK	6	0	20.74	20.74	20.75	23	0
1.4	16QAM	1	0	21.04	20.98	21.02	23	0
1.4	16QAM	1	3	21.27	21.15	21.03		
1.4	16QAM	1	5	21.30	20.93	21.18		
1.4	16QAM	3	0	20.09	20.30	20.36		
1.4	16QAM	3	1	20.29	20.34	20.11		
1.4	16QAM	3	3	20.01	20.19	20.28		
1.4	16QAM	6	0	19.78	19.78	19.64	22	1
1.4	64QAM	1	0	20.24	20.37	20.41	23	0
1.4	64QAM	1	3	20.35	20.44	20.22		
1.4	64QAM	1	5	19.98	20.07	20.20		
1.4	64QAM	3	0	19.93	19.75	19.82		
1.4	64QAM	3	1	19.92	19.82	19.92		
1.4	64QAM	3	3	20.18	19.80	19.79		
1.4	64QAM	6	0	19.76	19.80	19.83	22	1
1.4	256QAM	1	0	17.30	17.37	17.22	19	4
1.4	256QAM	1	3	17.30	17.41	17.10		
1.4	256QAM	1	5	17.07	17.19	17.23		
1.4	256QAM	3	0	17.03	17.09	17.10		
1.4	256QAM	3	1	17.18	17.15	17.09		
1.4	256QAM	3	3	17.03	17.03	17.03		
1.4	256QAM	6	0	17.01	17.05	17.06	19	4

Band 38(only on channel required) Ant1 Default Power

BW [MHz]	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	22.62	22.89	22.72	24	0
20	QPSK	1	49	22.70	22.73	22.68		
20	QPSK	1	99	22.77	22.61	22.85		
20	QPSK	50	0	22.77	22.85	22.71	24	0
20	QPSK	50	24	22.84	22.77	22.73		
20	QPSK	50	50	22.66	22.65	22.62		
20	QPSK	100	0	22.79	22.83	22.70		
20	16QAM	1	0	22.43	22.75	22.53	24	0
20	16QAM	1	49	22.88	22.86	22.70		
20	16QAM	1	99	22.74	22.88	22.66		
20	16QAM	50	0	22.78	22.76	22.76	24	0
20	16QAM	50	24	22.79	22.32	22.80		
20	16QAM	50	50	22.62	22.60	22.68		
20	16QAM	100	0	22.76	22.62	22.76		
20	64QAM	1	0	22.83	22.87	22.84	24	0
20	64QAM	1	49	22.87	22.88	22.75		
20	64QAM	1	99	22.59	22.58	22.59		
20	64QAM	50	0	22.68	22.84	22.70	24	0
20	64QAM	50	24	22.87	22.77	22.79		
20	64QAM	50	50	22.63	22.70	22.59		
20	64QAM	100	0	22.78	22.76	22.76		
20	256QAM	1	0	21.50	21.52	21.49	23	1
20	256QAM	1	49	21.31	21.34	21.32		
20	256QAM	1	99	21.38	21.41	21.38		
20	256QAM	50	0	21.32	21.35	21.31	23	1
20	256QAM	50	24	21.62	21.64	21.61		
20	256QAM	50	50	21.69	21.73	21.71		
20	256QAM	100	0	21.51	21.54	21.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.58	22.83	22.68	24	0
15	QPSK	1	37	22.66	22.67	22.64		
15	QPSK	1	74	22.72	22.58	22.81		
15	QPSK	36	0	22.74	22.70	22.66	24	0
15	QPSK	36	20	22.78	22.72	22.69		
15	QPSK	36	39	22.63	22.63	22.57		
15	QPSK	75	0	22.76	22.65	22.66		
15	16QAM	1	0	22.37	22.72	22.50	24	0
15	16QAM	1	37	22.84	22.83	22.67		
15	16QAM	1	74	22.69	22.86	22.60		
15	16QAM	36	0	22.73	22.74	22.72	24	0
15	16QAM	36	20	22.76	22.29	22.76		
15	16QAM	36	39	22.77	22.57	22.64		
15	16QAM	75	0	22.70	22.59	22.73		
15	64QAM	1	0	22.78	22.84	22.80	24	0
15	64QAM	1	37	22.84	22.84	22.70		
15	64QAM	1	74	22.57	22.53	22.55		
15	64QAM	36	0	22.64	22.81	22.64	24	0
15	64QAM	36	20	22.86	22.73	22.77		
15	64QAM	36	39	22.59	22.65	22.56		
15	64QAM	75	0	22.73	22.73	22.73		
15	256QAM	1	0	21.45	21.49	21.44	23	1
15	256QAM	1	37	21.27	21.31	21.29		
15	256QAM	1	74	21.35	21.37	21.33		
15	256QAM	36	0	21.29	21.30	21.28	23	1
15	256QAM	36	20	21.59	21.59	21.58		
15	256QAM	36	39	21.66	21.69	21.68		
15	256QAM	75	0	21.46	21.50	21.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.52	22.77	22.64	24	0
10	QPSK	1	25	22.63	22.61	22.62		
10	QPSK	1	49	22.68	22.55	22.78		
10	QPSK	25	0	22.68	22.65	22.63	24	0
10	QPSK	25	12	22.75	22.67	22.66		
10	QPSK	25	25	22.60	22.59	22.53		
10	QPSK	50	0	22.70	22.60	22.60		
10	16QAM	1	0	22.53	22.67	22.47	24	0
10	16QAM	1	25	22.79	22.79	22.62		
10	16QAM	1	49	22.64	22.84	22.56		
10	16QAM	25	0	22.68	22.68	22.68	24	0
10	16QAM	25	12	22.70	22.24	22.72		
10	16QAM	25	25	22.72	22.53	22.62		
10	16QAM	50	0	22.68	22.56	22.69		
10	64QAM	1	0	22.73	22.78	22.74	24	0
10	64QAM	1	25	22.81	22.80	22.66		
10	64QAM	1	49	22.55	22.49	22.49		
10	64QAM	25	0	22.62	22.75	22.59	24	0
10	64QAM	25	12	22.82	22.70	22.72		
10	64QAM	25	25	22.55	22.62	22.51		
10	64QAM	50	0	22.70	22.67	22.69		
10	256QAM	1	0	21.41	21.42	21.42	23	1
10	256QAM	1	25	21.23	21.27	21.25		
10	256QAM	1	49	21.29	21.34	21.30		
10	256QAM	25	0	21.23	21.27	21.23	23	1
10	256QAM	25	12	21.54	21.57	21.53		
10	256QAM	25	25	21.61	21.67	21.63		
10	256QAM	50	0	21.41	21.48	21.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.75	22.60	24	0
5	QPSK	1	12	22.57	22.56	22.59		
5	QPSK	1	24	22.63	22.50	22.74		
5	QPSK	12	0	22.63	22.63	22.57	24	0
5	QPSK	12	7	22.73	22.63	22.62		
5	QPSK	12	13	22.58	22.53	22.50		
5	QPSK	25	0	22.68	22.54	22.55		
5	16QAM	1	0	22.31	22.61	22.41	24	0
5	16QAM	1	12	22.76	22.75	22.58		
5	16QAM	1	24	22.61	22.79	22.52		
5	16QAM	12	0	22.65	22.65	22.62	24	0
5	16QAM	12	7	22.66	22.28	22.69		
5	16QAM	12	13	22.70	22.50	22.60		
5	16QAM	25	0	22.64	22.51	22.67		
5	64QAM	1	0	22.71	22.72	22.69	24	0
5	64QAM	1	12	22.76	22.75	22.63		
5	64QAM	1	24	22.50	22.45	22.47		
5	64QAM	12	0	22.57	22.69	22.56	24	0
5	64QAM	12	7	22.77	22.66	22.70		
5	64QAM	12	13	22.50	22.58	22.45		
5	64QAM	25	0	22.65	22.61	22.64		
5	256QAM	1	0	21.41	21.44	21.42	23	1
5	256QAM	1	12	21.24	21.26	21.24		
5	256QAM	1	24	21.31	21.34	21.29		
5	256QAM	12	0	21.25	21.26	21.21	23	1
5	256QAM	12	7	21.52	21.58	21.53		
5	256QAM	12	13	21.62	21.67	21.63		
5	256QAM	25	0	21.41	21.47	21.44		

Band 38(only on channel required) PC2 Ant1 Default Power

BW [MHz]	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	25.46	25.68	25.50	26.5	0
20	QPSK	1	49	25.32	25.53	25.21		
20	QPSK	1	99	25.25	25.49	25.20		
20	QPSK	50	0	25.31	25.56	25.20	26.5	0
20	QPSK	50	24	25.25	25.40	25.15		
20	QPSK	50	50	25.42	25.38	25.22		
20	QPSK	100	0	25.34	25.48	25.36		
20	16QAM	1	0	25.30	25.57	25.38	26.5	0
20	16QAM	1	49	25.44	25.28	25.11		
20	16QAM	1	99	25.29	25.40	25.46		
20	16QAM	50	0	25.23	25.45	25.28	26.5	0
20	16QAM	50	24	25.16	25.58	25.28		
20	16QAM	50	50	25.36	25.48	25.22		
20	16QAM	100	0	25.32	25.43	25.35		
20	64QAM	1	0	25.21	25.45	25.31	26.5	0
20	64QAM	1	49	25.43	25.30	25.10		
20	64QAM	1	99	25.43	25.47	25.24		
20	64QAM	50	0	25.07	25.46	25.38	26.5	0
20	64QAM	50	24	25.24	25.38	25.35		
20	64QAM	50	50	25.19	25.50	25.13		
20	64QAM	100	0	25.06	25.44	25.19		
20	256QAM	1	0	24.72	24.76	24.74	25.5	1
20	256QAM	1	49	24.63	24.67	24.63		
20	256QAM	1	99	24.50	24.53	24.50		
20	256QAM	50	0	24.69	24.71	24.69	25.5	1
20	256QAM	50	24	24.59	24.63	24.60		
20	256QAM	50	50	24.55	24.58	24.54		
20	256QAM	100	0	23.70	23.73	23.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.26	25.29	25.16	26.5	0
15	QPSK	1	37	25.24	25.30	25.11		
15	QPSK	1	74	24.97	25.42	25.11		
15	QPSK	36	0	24.91	25.39	24.99	26.5	0
15	QPSK	36	20	25.02	25.20	25.05		
15	QPSK	36	39	25.27	25.06	25.02		
15	QPSK	75	0	25.11	25.24	25.28		
15	16QAM	1	0	25.23	25.55	25.37	26.5	0
15	16QAM	1	37	25.15	25.13	25.08		
15	16QAM	1	74	25.15	25.21	25.19		
15	16QAM	36	0	24.98	25.25	25.19	26.5	0
15	16QAM	36	20	24.88	25.26	25.19		
15	16QAM	36	39	25.35	25.12	25.04		
15	16QAM	75	0	25.10	25.32	25.20		
15	64QAM	1	0	25.15	25.29	25.12	26.5	0
15	64QAM	1	37	25.12	25.05	24.92		
15	64QAM	1	74	25.33	25.30	25.09		
15	64QAM	36	0	24.72	25.16	25.11	26.5	0
15	64QAM	36	20	25.13	25.01	25.15		
15	64QAM	36	39	25.14	25.19	25.00		
15	64QAM	75	0	24.81	25.17	24.88		
15	256QAM	1	0	24.67	24.73	24.69	25.5	1
15	256QAM	1	37	24.60	24.63	24.60		
15	256QAM	1	74	24.47	24.48	24.46		
15	256QAM	36	0	24.66	24.68	24.64	25.5	1
15	256QAM	36	20	24.56	24.59	24.56		
15	256QAM	36	39	24.52	24.55	24.51		
15	256QAM	75	0	23.65	23.69	23.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.02	25.21	25.21	26.5	0
10	QPSK	1	25	25.01	24.99	24.90		
10	QPSK	1	49	24.96	24.83	25.11		
10	QPSK	25	0	24.99	25.19	24.77	26.5	0
10	QPSK	25	12	25.03	25.04	24.83		
10	QPSK	25	25	25.08	24.78	24.96		
10	QPSK	50	0	24.70	24.94	25.11		
10	16QAM	1	0	25.18	25.03	25.05	26.5	0
10	16QAM	1	25	25.04	24.82	24.85		
10	16QAM	1	49	24.81	24.73	25.01		
10	16QAM	25	0	24.83	24.99	24.98	26.5	0
10	16QAM	25	12	24.68	25.08	24.68		
10	16QAM	25	25	24.91	25.10	24.81		
10	16QAM	50	0	24.93	25.07	25.16		
10	64QAM	1	0	24.96	24.89	25.16	26.5	0
10	64QAM	1	25	25.20	25.03	24.84		
10	64QAM	1	49	24.82	25.01	24.93		
10	64QAM	25	0	24.92	25.36	25.10	26.5	0
10	64QAM	25	12	25.01	24.97	24.99		
10	64QAM	25	25	24.98	25.08	24.93		
10	64QAM	50	0	24.75	25.21	24.99		
10	256QAM	1	0	24.64	24.69	24.65	25.5	1
10	256QAM	1	25	24.55	24.58	24.55		
10	256QAM	1	49	24.42	24.44	24.41		
10	256QAM	25	0	24.63	24.63	24.62	25.5	1
10	256QAM	25	12	24.51	24.55	24.50		
10	256QAM	25	25	24.46	24.49	24.44		
10	256QAM	50	0	23.62	23.67	23.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.72	25.20	24.93	26.5	0
5	QPSK	1	12	24.93	24.83	24.83		
5	QPSK	1	24	24.73	25.14	24.82		
5	QPSK	12	0	24.70	24.93	24.87	26.5	0
5	QPSK	12	7	24.81	24.65	24.93		
5	QPSK	12	13	24.79	24.65	24.84		
5	QPSK	25	0	24.70	24.66	24.52		
5	16QAM	1	0	24.92	25.01	24.79	26.5	0
5	16QAM	1	12	25.05	24.71	24.84		
5	16QAM	1	24	24.87	24.78	24.84		
5	16QAM	12	0	25.22	25.11	25.02	26.5	0
5	16QAM	12	7	25.14	25.03	24.85		
5	16QAM	12	13	25.03	24.78	25.11		
5	16QAM	25	0	24.68	24.97	25.11	26.5	0
5	64QAM	1	0	24.98	24.93	25.14		
5	64QAM	1	12	25.25	24.79	24.93		
5	64QAM	1	24	24.96	24.92	24.98		
5	64QAM	12	0	24.92	25.15	24.87	26.5	0
5	64QAM	12	7	24.93	25.05	24.72		
5	64QAM	12	13	24.66	24.71	24.96		
5	64QAM	25	0	24.98	24.81	24.63		
5	256QAM	1	0	24.65	24.69	24.67	25.5	1
5	256QAM	1	12	24.57	24.59	24.57		
5	256QAM	1	24	24.40	24.43	24.43		
5	256QAM	12	0	24.62	24.61	24.62	25.5	1
5	256QAM	12	7	24.52	24.56	24.52		
5	256QAM	12	13	24.46	24.49	24.44		
5	256QAM	25	0	23.61	23.65	23.63		

Band 41 (2.6G Band) Ant1 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.61	22.98	22.56	22.57	24	0
20	QPSK	1	49	22.52	22.76	22.95	22.88	22.88		
20	QPSK	1	99	22.58	22.56	22.88	22.56	22.81		
20	QPSK	50	0	22.54	22.74	22.87	22.65	22.60	24	0
20	QPSK	50	24	22.59	22.50	22.61	22.69	22.76		
20	QPSK	50	50	22.54	22.60	22.67	22.67	22.63		
20	QPSK	100	0	22.51	22.76	22.78	22.69	22.67		
20	16QAM	1	0	22.46	22.56	22.95	22.53	22.54	24	0
20	16QAM	1	49	22.49	22.72	22.91	22.84	22.83		
20	16QAM	1	99	22.54	22.53	22.85	22.52	22.76		
20	16QAM	50	0	22.51	22.70	22.75	22.81	22.75	24	0
20	16QAM	50	24	22.55	22.77	22.88	22.86	22.91		
20	16QAM	50	50	22.49	22.77	22.94	22.84	22.90		
20	16QAM	100	0	22.46	22.71	22.82	22.85	22.92		
20	64QAM	1	0	22.44	22.56	22.93	22.51	22.53	24	0
20	64QAM	1	49	22.48	22.73	22.91	22.83	22.84		
20	64QAM	1	99	22.54	22.53	22.85	22.53	22.78		
20	64QAM	50	0	22.50	22.69	22.74	22.80	22.77	24	0
20	64QAM	50	24	22.55	22.76	22.86	22.86	22.91		
20	64QAM	50	50	22.49	22.76	22.94	22.82	22.90		
20	64QAM	100	0	22.47	22.72	22.84	22.86	22.92		
20	256QAM	1	0	21.27	21.25	21.29	21.26	21.24	23	1
20	256QAM	1	49	21.32	21.33	21.36	21.31	21.33		
20	256QAM	1	99	21.31	21.30	21.34	21.31	21.31		
20	256QAM	50	0	21.51	21.49	21.53	21.48	21.50	23	1
20	256QAM	50	24	21.42	21.39	21.44	21.41	21.40		
20	256QAM	50	50	21.37	21.37	21.41	21.37	21.36		
20	256QAM	100	0	21.35	21.34	21.38	21.33	21.34		
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	22.44	22.58	22.94	22.53	22.53	24	0
15	QPSK	1	37	22.48	22.72	22.90	22.84	22.85		
15	QPSK	1	74	22.53	22.53	22.83	22.51	22.77		
15	QPSK	36	0	22.50	22.69	22.75	22.81	22.77	24	0
15	QPSK	36	20	22.55	22.75	22.88	22.86	22.92		
15	QPSK	36	39	22.51	22.76	22.92	22.83	22.90		
15	QPSK	75	0	22.46	22.72	22.84	22.86	22.94		
15	16QAM	1	0	22.43	22.51	22.92	22.48	22.49	24	0
15	16QAM	1	37	22.44	22.69	22.88	22.81	22.78		
15	16QAM	1	74	22.49	22.49	22.81	22.49	22.72		
15	16QAM	36	0	22.47	22.65	22.72	22.77	22.71	24	0
15	16QAM	36	20	22.51	22.73	22.85	22.83	22.88		
15	16QAM	36	39	22.44	22.73	22.91	22.81	22.85		
15	16QAM	75	0	22.43	22.68	22.77	22.80	22.89		
15	64QAM	1	0	22.41	22.52	22.90	22.47	22.48	24	0
15	64QAM	1	37	22.45	22.68	22.87	22.78	22.80		
15	64QAM	1	74	22.51	22.49	22.80	22.50	22.73		
15	64QAM	36	0	22.47	22.65	22.71	22.76	22.74	24	0
15	64QAM	36	20	22.52	22.73	22.83	22.83	22.87		
15	64QAM	36	39	22.46	22.73	22.89	22.79	22.86		
15	64QAM	75	0	22.44	22.68	22.79	22.82	22.89		
15	256QAM	1	0	21.22	21.21	21.25	21.22	21.21	23	1
15	256QAM	1	37	21.29	21.29	21.31	21.28	21.29		
15	256QAM	1	74	21.26	21.27	21.30	21.28	21.26		
15	256QAM	36	0	21.46	21.45	21.50	21.44	21.47	23	1
15	256QAM	36	20	21.38	21.35	21.40	21.37	21.35		
15	256QAM	36	39	21.34	21.33	21.36	21.32	21.31		
15	256QAM	75	0	21.30	21.31	21.35	21.30	21.31		
Channel				39700	40140	40620	41060	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.43	22.53	22.90	22.48	22.50	24	0
10	QPSK	1	25	22.45	22.67	22.88	22.80	22.81		
10	QPSK	1	49	22.50	22.48	22.80	22.48	22.73		
10	QPSK	25	0	22.45	22.66	22.70	22.77	22.72	24	0
10	QPSK	25	12	22.51	22.74	22.85	22.81	22.88		
10	QPSK	25	25	22.48	22.70	22.91	22.79	22.86		
10	QPSK	50	0	22.43	22.69	22.79	22.79	22.89		
10	16QAM	1	0	22.39	22.48	22.86	22.47	22.44	24	0
10	16QAM	1	25	22.42	22.63	22.82	22.76	22.76		
10	16QAM	1	49	22.46	22.46	22.76	22.43	22.70		
10	16QAM	25	0	22.43	22.61	22.68	22.73	22.67	24	0
10	16QAM	25	12	22.46	22.71	22.79	22.79	22.85		
10	16QAM	25	25	22.42	22.68	22.86	22.77	22.81		
10	16QAM	50	0	22.39	22.61	22.74	22.77	22.86		
10	64QAM	1	0	22.35	22.47	22.85	22.42	22.44	24	0
10	64QAM	1	25	22.40	22.64	22.85	22.74	22.77		
10	64QAM	1	49	22.46	22.43	22.77	22.45	22.68		
10	64QAM	25	0	22.41	22.63	22.65	22.73	22.67	24	0
10	64QAM	25	12	22.49	22.69	22.78	22.79	22.81		
10	64QAM	25	25	22.43	22.66	22.84	22.74	22.81		
10	64QAM	50	0	22.38	22.62	22.78	22.78	22.84		
10	256QAM	1	0	21.19	21.16	21.21	21.17	21.15	23	1
10	256QAM	1	25	21.25	21.24	21.30	21.23	21.25		
10	256QAM	1	49	21.23	21.22	21.28	21.25	21.22		
10	256QAM	25	0	21.42	21.41	21.46	21.39	21.43	23	1
10	256QAM	25	12	21.33	21.31	21.37	21.31	21.31		
10	256QAM	25	25	21.28	21.30	21.34	21.31	21.26		
10	256QAM	50	0	21.27	21.27	21.30	21.27	21.27		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.40	22.48	22.86	22.45	22.44	24	0
5	QPSK	1	12	22.40	22.63	22.83	22.75	22.76		
5	QPSK	1	24	22.48	22.43	22.76	22.43	22.70		
5	QPSK	12	0	22.39	22.61	22.65	22.74	22.68	24	0
5	QPSK	12	7	22.45	22.69	22.80	22.76	22.83		
5	QPSK	12	13	22.45	22.68	22.84	22.76	22.80		
5	QPSK	25	0	22.40	22.64	22.75	22.78	22.86		
5	16QAM	1	0	22.35	22.45	22.80	22.40	22.39	24	0
5	16QAM	1	12	22.39	22.61	22.77	22.72	22.71		
5	16QAM	1	24	22.42	22.43	22.72	22.40	22.64		
5	16QAM	12	0	22.40	22.57	22.64	22.69	22.61	24	0
5	16QAM	12	7	22.44	22.65	22.74	22.73	22.80		
5	16QAM	12	13	22.37	22.66	22.81	22.72	22.79		
5	16QAM	25	0	22.37	22.58	22

Band 42 (3.5GHz Band) Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.00	22.04	21.97	23	0
20	QPSK	1	49	21.94	21.81	21.79		
20	QPSK	1	99	21.59	21.74	21.57		
20	QPSK	50	0	21.50	21.61	21.50	22	1
20	QPSK	50	24	21.51	21.60	21.44		
20	QPSK	50	50	21.55	21.52	21.48		
20	QPSK	100	0	21.41	21.48	21.47		
20	16QAM	1	0	21.51	21.22	21.58		
20	16QAM	1	49	21.32	21.18	21.47	22	1
20	16QAM	1	99	21.35	21.29	21.18		
20	16QAM	50	0	20.68	20.38	20.43		
20	16QAM	50	24	20.54	20.19	20.29	21	2
20	16QAM	50	50	20.49	20.30	20.44		
20	16QAM	100	0	20.63	20.26	20.38		
20	64QAM	1	0	21.45	21.30	21.26		
20	64QAM	1	49	21.23	21.31	21.37	22	1
20	64QAM	1	99	21.45	21.68	21.38		
20	64QAM	50	0	20.74	20.32	20.31		
20	64QAM	50	24	20.62	20.37	20.38	21	2
20	64QAM	50	50	20.69	20.50	20.64		
20	64QAM	100	0	20.69	20.38	20.45		
20	256QAM	1	0	16.39	16.47	16.44	18	5
20	256QAM	1	49	16.38	16.31	16.08		
20	256QAM	1	99	16.33	16.42	16.44		
20	256QAM	50	0	16.29	16.28	16.30		
20	256QAM	50	24	16.21	16.27	16.20		
20	256QAM	50	50	16.25	16.34	16.24	18	5
20	256QAM	100	0	16.20	16.26	16.21		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.98	22.02	21.94	23	0
15	QPSK	1	37	21.90	21.79	21.76		
15	QPSK	1	74	21.56	21.69	21.67		
15	QPSK	36	0	21.75	21.58	21.45	22	1
15	QPSK	36	20	21.77	21.57	21.40		
15	QPSK	36	39	21.60	21.49	21.44		
15	QPSK	75	0	21.67	21.43	21.42		
15	16QAM	1	0	21.48	21.11	21.54		
15	16QAM	1	37	21.35	21.18	21.51	22	1
15	16QAM	1	74	21.42	21.25	21.16		
15	16QAM	36	0	20.74	20.43	20.30		
15	16QAM	36	20	20.44	20.41	20.41	21	2
15	16QAM	36	39	20.45	20.51	20.41		
15	16QAM	75	0	20.60	20.36	20.27		
15	64QAM	1	0	21.42	21.19	21.18		
15	64QAM	1	37	21.21	21.34	21.33	22	1
15	64QAM	1	74	21.44	21.61	21.47		
15	64QAM	36	0	20.54	20.42	20.28		
15	64QAM	36	20	20.60	20.28	20.35	21	2
15	64QAM	36	39	20.62	20.22	20.28		
15	64QAM	75	0	20.66	20.50	20.36		
15	256QAM	1	0	16.37	16.47	16.45		
15	256QAM	1	37	16.34	16.22	16.09	18	5
15	256QAM	1	74	16.45	16.41	16.31		
15	256QAM	36	0	16.27	16.28	16.31		
15	256QAM	36	20	16.30	16.22	16.17		
15	256QAM	36	39	16.17	16.26	16.19	18	5
15	256QAM	75	0	16.20	16.24	16.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.93	21.96	21.90	23	0
10	QPSK	1	25	21.85	21.75	21.70		
10	QPSK	1	49	21.53	21.64	21.47		
10	QPSK	25	0	21.73	21.53	21.39	22	1
10	QPSK	25	12	21.74	21.63	21.37		
10	QPSK	25	25	21.54	21.46	21.40		
10	QPSK	50	0	21.63	21.38	21.40		
10	16QAM	1	0	21.54	21.29	21.58		
10	16QAM	1	25	21.42	21.25	21.47	22	1
10	16QAM	1	49	21.44	21.28	21.14		
10	16QAM	25	0	20.69	20.38	20.25		
10	16QAM	25	12	20.48	20.33	20.42	21	2
10	16QAM	25	25	20.45	20.25	20.42		
10	16QAM	50	0	20.56	20.32	20.28		
10	64QAM	1	0	21.41	21.26	21.23		
10	64QAM	1	25	21.23	21.31	21.28	22	1
10	64QAM	1	49	21.48	21.73	21.31		
10	64QAM	25	0	20.33	20.31	20.38		
10	64QAM	25	12	20.54	20.40	20.37	21	2
10	64QAM	25	25	20.64	20.19	20.23		
10	64QAM	50	0	20.70	20.39	20.36		
10	256QAM	1	0	16.36	16.44	16.42		
10	256QAM	1	25	16.30	16.20	16.11	18	5
10	256QAM	1	49	16.37	16.42	16.44		
10	256QAM	25	0	16.28	16.24	16.37		
10	256QAM	25	12	16.24	16.21	16.18	18	5
10	256QAM	25	25	16.20	16.33	16.31		
10	256QAM	50	0	16.19	16.26	16.19		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.87	21.93	21.85	23	0
5	QPSK	1	12	21.81	21.70	21.66		
5	QPSK	1	24	21.50	21.59	21.43		
5	QPSK	12	0	21.67	21.47	21.37	22	1
5	QPSK	12	7	21.72	21.51	21.32		
5	QPSK	12	13	21.49	21.42	21.35		
5	QPSK	25	0	21.59	21.38	21.34		
5	16QAM	1	0	21.48	21.11	21.55		
5	16QAM	1	12	21.31	21.22	21.53	22	1
5	16QAM	1	24	21.43	21.20	21.11		
5	16QAM	12	0	20.64	20.39	20.37		
5	16QAM	12	7	20.51	20.23	20.28	21	2
5	16QAM	12	13	20.40	20.17	20.38		
5	16QAM	25	0	20.58	20.33	20.24		
5	64QAM	1	0	21.38	21.20	21.23		
5	64QAM	1	12	21.20	21.36	21.32	22	1
5	64QAM	1	24	21.49	21.70	21.44		
5	64QAM	12	0	20.30	20.33	20.32		
5	64QAM	12	7	20.61	20.34	20.39	21	2
5	64QAM	12	13	20.33	20.17	20.24		
5	64QAM	25	0	20.64	20.45	20.43		
5	256QAM	1	0	16.32	16.43	16.38		
5	256QAM	1	12	16.24	16.19	16.15	18	5
5	256QAM	1	24	16.39	16.36	16.34		
5	256QAM	12	0	16.38	16.32	16.32		
5	256QAM	12	7	16.25	16.25	16.14	18	5
5	256QAM	12	13	16.29	16.38	16.30		
5	256QAM	25	0	16.19	16.20	16.29		

Band 42 Part27Q Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42500	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.93	22.03	21.83	23	0
20	QPSK	1	49	21.97	21.79	21.83		
20	QPSK	1	99	21.56	21.67	21.55		
20	QPSK	50	0	21.46	21.56	21.36	22	1
20	QPSK	50	24	21.45	21.47	21.36		
20	QPSK	50	50	21.52	21.51	21.49		
20	QPSK	100	0	21.30	21.39	21.34		
20	16QAM	1	0	21.62	21.32	21.60		
20	16QAM	1	49	21.44	21.28	21.55	22	1
20	16QAM	1	99	21.47	21.35	21.22		
20	16QAM	50	0	20.74	20.46	20.44		
20	16QAM	50	24	20.57	20.33	20.43	21	2
20	16QAM	50	50	20.52	20.26	20.45		
20	16QAM	100	0	20.63	20.40	20.38		
20	64QAM	1	0	21.47	21.30	21.28		
20	64QAM	1	49	21.29	21.34	21.39	22	1
20	64QAM	1	99	21.58	21.74	21.52		
20	64QAM	50	0	20.76	20.44	20.41		
20	64QAM	50	24	20.66	20.42	20.47	21	2
20	64QAM	50	50	20.76	20.57	20.52		
20	64QAM	100	0	20.79	20.53	20.46		
20	256QAM	1	0	16.43	16.48	16.50		
20	256QAM	1	49	16.38	16.38	16.20	18	5
20	256QAM	1	99	16.46	16.44	16.44		
20	256QAM	50	0	16.38	16.38	16.39		
20	256QAM	50	24	16.32	16.31	16.25	18	5
20	256QAM	50	50	16.30	16.39	16.33		
20	256QAM	100	0	16.23	16.32	16.32		
Channel				42165	42500	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.90	22.00	21.78	23	0
15	QPSK	1	37	21.94	21.76	21.79		
15	QPSK	1	74	21.51	21.62	21.51		
15	QPSK	36	0	21.73	21.51	21.33	22	1
15	QPSK	36	20	21.82	21.54	21.53		
15	QPSK	36	39	21.48	21.48	21.54		
15	QPSK	75	0	21.66	21.36	21.45		
15	16QAM	1	0	21.58	21.44	21.57		
15	16QAM	1	37	21.41	21.24	21.50	22	1
15	16QAM	1	74	21.42	21.32	21.18		
15	16QAM	36	0	20.70	20.41	20.41		
15	16QAM	36	20	20.53	20.28	20.39	21	2
15	16QAM	36	39	20.47	20.21	20.40		
15	16QAM	75	0	20.59	20.37	20.35		
15	64QAM	1	0	21.44	21.25	21.25		
15	64QAM	1	37	21.24	21.29	21.36	22	1
15	64QAM	1	74	21.52	21.71	21.47		
15	64QAM	36	0	20.71	20.40	20.38		
15	64QAM	36	20	20.61	20.39	20.44	21	2
15	64QAM	36	39	20.71	20.24	20.28		
15	64QAM	75	0	20.74	20.49	20.43		
15	256QAM	1	0	16.37	16.42	16.43		
15	256QAM	1	37	16.40	16.31	16.12	18	5
15	256QAM	1	74	16.40	16.39	16.37		
15	256QAM	36	0	16.35	16.30	16.34		
15	256QAM	36	20	16.30	16.32	16.13	18	5
15	256QAM	36	39	16.25	16.27	16.35		
15	256QAM	75	0	16.16	16.22	16.31		
Channel				42140	42490	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.83	21.93	21.77	23	0
10	QPSK	1	25	21.88	21.73	21.76		
10	QPSK	1	49	21.48	21.58	21.49		
10	QPSK	25	0	21.66	21.46	21.27	22	1
10	QPSK	25	12	21.57	21.47	21.48		
10	QPSK	25	25	21.44	21.44	21.51		
10	QPSK	50	0	21.60	21.32	21.40		
10	16QAM	1	0	21.54	21.28	21.52		
10	16QAM	1	25	21.37	21.19	21.45	22	1
10	16QAM	1	49	21.39	21.26	21.14		
10	16QAM	25	0	20.68	20.38	20.37		
10	16QAM	25	12	20.47	20.26	20.36	21	2
10	16QAM	25	25	20.43	20.18	20.37		
10	16QAM	50	0	20.55	20.32	20.31		
10	64QAM	1	0	21.41	21.22	21.22		
10	64QAM	1	25	21.20	21.25	21.32	22	1
10	64QAM	1	49	21.45	21.65	21.44		
10	64QAM	25	0	20.70	20.34	20.33		
10	64QAM	25	12	20.59	20.35	20.38	21	2
10	64QAM	25	25	20.68	20.35	20.22		
10	64QAM	50	0	20.72	20.45	20.39		
10	256QAM	1	0	16.45	16.39	16.50		
10	256QAM	1	25	16.31	16.28	16.16	18	5
10	256QAM	1	49	16.40	16.48	16.36		
10	256QAM	25	0	16.33	16.31	16.28		
10	256QAM	25	12	16.26	16.33	16.22	18	5
10	256QAM	25	25	16.31	16.32	16.28		
10	256QAM	50	0	16.11	16.19	16.36		
Channel				42115	42490	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.78	21.88	21.73	23	0
5	QPSK	1	12	21.83	21.68	21.73		
5	QPSK	1	24	21.42	21.54	21.44		
5	QPSK	12	0	21.64	21.42	21.24	22	1
5	QPSK	12	7	21.53	21.45	21.43		
5	QPSK	12	13	21.41	21.38	21.45		
5	QPSK	25	0	21.56	21.27	21.34		
5	16QAM	1	0	21.52	21.54	21.47		
5	16QAM	1	12	21.33	21.14	21.42	22	1
5	16QAM	1	24	21.37	21.38	21.12		
5	16QAM	12	0	20.65	20.33	20.31		
5	16QAM	12	7	20.43	20.23	20.33	21	2
5	16QAM	12	13	20.40	20.18	20.33		
5	16QAM	25	0	20.52	20.28	20.24		
5	64QAM	1	0	21.36	21.17	21.18		
5	64QAM	1	12	21.15	21.36	21.28	22	1
5	64QAM	1	24	21.41	21.60	21.39		
5	64QAM	12	0	20.66	20.32	20.27		
5	64QAM	12	7	20.53	20.27	20.35	21	2
5	64QAM	12	13	20.63	20.18	20.18		
5	64QAM	25	0	20.68	20.40	20.33		
5	256QAM	1	0	16.43	16.48	16.52		
5	256QAM	1	12	16.24	16.30	16.09	18	5
5	256QAM	1	24	16.46	16.35	16.30		
5	256QAM	12	0	16.24	16.39	16.40		
5	256QAM	12	7	16.37	16.35	16.10	18	5
5	256QAM	12	13	16.25	16.34	16.31		
5	256QAM	25	0	16.13	16.20	16.31		

Band 43 (3.7GHz Band) Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43590	43990	44390		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.89	22.98	22.90	24	0
20	QPSK	1	49	22.80	22.78	22.94		
20	QPSK	1	99	22.67	22.69	22.79		
20	QPSK	50	0	21.61	21.90	21.64	23	1
20	QPSK	50	24	21.73	21.80	21.69		
20	QPSK	50	50	21.81	21.78	21.86		
20	QPSK	100	0	21.84	21.87	21.79		
20	16QAM	1	0	22.86	22.95	22.87		
20	16QAM	1	49	22.76	22.74	22.89	24	0
20	16QAM	1	99	22.62	22.65	22.76		
20	16QAM	50	0	21.87	21.74	21.91		
20	16QAM	50	24	22.00	21.85	21.94	23	1
20	16QAM	50	50	21.87	21.82	21.82		
20	16QAM	100	0	21.80	21.86	21.86		
20	64QAM	1	0	22.86	22.93	22.87		
20	64QAM	1	49	22.75	22.74	22.89	24	0
20	64QAM	1	99	22.63	22.65	22.74		
20	64QAM	50	0	21.86	21.76	21.89		
20	64QAM	50	24	21.99	21.87	21.96	23	1
20	64QAM	50	50	21.87	21.82	21.81		
20	64QAM	100	0	21.81	21.86	21.84		
20	256QAM	1	0	20.80	20.91	21.00		
20	256QAM	1	49	20.82	20.88	20.88	22	2
20	256QAM	1	99	20.82	20.90	20.86		
20	256QAM	50	0	20.78	20.86	20.80		
20	256QAM	50	24	20.98	20.99	20.86	22	2
20	256QAM	50	50	20.79	21.08	21.01		
20	256QAM	100	0	21.00	20.92	20.82		
Channel				43565	43990	44415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.84	22.93	22.87	24	0
15	QPSK	1	37	22.77	22.75	22.89		
15	QPSK	1	74	22.64	22.66	22.74		
15	QPSK	36	0	21.88	21.74	21.91	23	1
15	QPSK	36	20	22.00	21.85	21.96		
15	QPSK	36	39	21.86	21.84	21.82		
15	QPSK	75	0	21.79	21.85	21.84		
15	16QAM	1	0	22.83	22.92	22.82		
15	16QAM	1	37	22.73	22.70	22.84	24	0
15	16QAM	1	74	22.58	22.61	22.71		
15	16QAM	36	0	21.82	21.70	21.86		
15	16QAM	36	20	21.96	21.82	21.91	23	1
15	16QAM	36	39	21.82	21.79	21.77		
15	16QAM	75	0	21.77	21.82	21.81		
15	64QAM	1	0	22.82	22.89	22.84		
15	64QAM	1	37	22.71	22.70	22.85	24	0
15	64QAM	1	74	22.60	22.62	22.69		
15	64QAM	36	0	21.83	21.71	21.85		
15	64QAM	36	20	21.95	21.82	21.92	23	1
15	64QAM	36	39	21.83	21.77	21.77		
15	64QAM	75	0	21.77	21.83	21.81		
15	256QAM	1	0	20.90	20.97	20.91		
15	256QAM	1	37	20.78	20.86	20.78	22	2
15	256QAM	1	74	20.83	20.82	20.84		
15	256QAM	36	0	20.86	20.86	20.78		
15	256QAM	36	20	20.73	21.03	20.79	22	2
15	256QAM	36	39	20.95	20.89	20.77		
15	256QAM	75	0	20.80	20.97	20.78		
Channel				43540	43990	44440	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.80	22.89	22.80	24	0
10	QPSK	1	25	22.72	22.69	22.85		
10	QPSK	1	49	22.58	22.63	22.73		
10	QPSK	25	0	21.81	21.71	21.84	23	1
10	QPSK	25	12	21.74	21.65	21.84		
10	QPSK	25	25	21.82	21.81	21.78		
10	QPSK	50	0	21.75	21.82	21.81		
10	16QAM	1	0	22.77	22.87	22.80	24	0
10	16QAM	1	25	22.68	22.68	22.79		
10	16QAM	1	49	22.52	22.59	22.69		
10	16QAM	25	0	21.79	21.66	21.84	23	1
10	16QAM	25	12	21.92	21.77	21.84		
10	16QAM	25	25	21.77	21.73	21.75		
10	16QAM	50	0	21.72	21.77	21.78		
10	64QAM	1	0	22.77	22.84	22.79		
10	64QAM	1	25	22.66	22.67	22.82	24	0
10	64QAM	1	49	22.53	22.55	22.64		
10	64QAM	25	0	21.77	21.68	21.80		
10	64QAM	25	12	21.92	21.79	21.88	23	1
10	64QAM	25	25	21.79	21.75	21.73		
10	64QAM	50	0	21.75	21.78	21.75		
10	256QAM	1	0	20.75	20.96	20.71		
10	256QAM	1	25	20.89	20.83	20.79	22	2
10	256QAM	1	49	20.71	20.82	20.86		
10	256QAM	25	0	20.74	20.81	20.89		
10	256QAM	25	12	20.68	20.81	20.86	22	2
10	256QAM	25	25	20.82	20.92	20.68		
10	256QAM	50	0	20.70	20.88	20.73		
Channel				43515	43990	44465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.76	22.85	22.78	24	0
5	QPSK	1	12	22.69	22.65	22.81		
5	QPSK	1	24	22.53	22.60	22.67		
5	QPSK	12	0	21.77	21.77	21.81	23	1
5	QPSK	12	7	21.93	21.77	21.87		
5	QPSK	12	13	21.77	21.76	21.73		
5	QPSK	25	0	21.77	21.77	21.77		
5	16QAM	1	0	22.73	22.85	22.75		
5	16QAM	1	12	22.63	22.64	22.77	24	0
5	16QAM	1	24	22.47	22.63	22.67		
5	16QAM	12	0	21.75	21.63	21.81		
5	16QAM	12	7	21.90	21.72	21.79	23	1
5	16QAM	12	13	21.74	21.73	21.73		
5	16QAM	25	0	21.68	21.73	21.73		
5	64QAM	1	0	22.75	22.80	22.74		
5	64QAM	1	12	22.61	22.62	22.79	24	0
5	64QAM	1	24	22.50	22.52	22.61		
5	64QAM	12	0	21.71	21.64	21.74		
5	64QAM	12	7	21.87	21.71	21.87	23	1
5	64QAM	12	13	21.75	21.71	21.67		
5	64QAM	25	0	21.69	21.73	21.69		
5	256QAM	1	0	20.73	20.92	20.86		
5	256QAM	1	12	20.73	20.80	20.74	22	2
5	256QAM	1	24	20.65	20.91	20.82		
5	256QAM	12	0	20.77	20.79	20.71		
5	256QAM	12	7	20.85	20.80	20.71	22	2
5	256QAM	12	13	20.75	20.82	20.77		
5	256QAM	25	0	20.64	20.80	20.81		

Band 48_FCC Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.92	22.92	23.04	22.87	24	0
20	QPSK	1	49	22.81	22.91	22.79	22.85		
20	QPSK	1	99	22.60	22.58	22.63	22.57		
20	QPSK	50	0	21.82	21.90	21.91	21.89	23	1
20	QPSK	50	24	21.83	21.84	21.83	21.80		
20	QPSK	50	50	21.75	21.75	21.75	21.64		
20	QPSK	100	0	21.63	21.72	21.73	21.63		
20	16QAM	1	0	21.72	21.98	21.87	21.95	23	1
20	16QAM	1	49	21.82	21.91	21.87	21.54		
20	16QAM	1	99	21.49	21.87	21.65	21.98		
20	16QAM	50	0	20.84	20.86	20.98	20.93	22	2
20	16QAM	50	24	20.75

Reduced Power Mode for WWAN

	Ant0 DSI2 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.56	32.73	33.50	23.26	23.56	23.73	24.50
GPRS 1 Tx slot	32.25	32.53	32.72	33.50	23.25	23.53	23.72	24.50
GPRS 2 Tx slots	29.34	29.23	29.27	30.00	23.34	23.23	23.27	24.00
GPRS 3 Tx slots	28.11	28.28	28.26	29.50	23.85	24.02	24.00	25.24
GPRS 4 Tx slots	26.52	26.32	26.27	27.50	23.52	23.32	23.27	24.50
EDGE 1 Tx slot	25.70	25.64	25.69	27.00	16.70	16.64	16.69	18.00
EDGE 2 Tx slots	23.92	23.95	24.02	25.00	17.92	17.95	18.02	19.00
EDGE 3 Tx slots	22.77	22.75	22.77	24.00	18.51	18.49	18.51	19.74
EDGE 4 Tx slots	20.69	20.72	20.73	22.00	17.69	17.72	17.73	19.00

	Ant0 DSI2 Power							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.05	30.06	29.96	30.50	21.05	21.06	20.96	21.50
GPRS 1 Tx slot	30.04	30.05	29.93	30.50	21.04	21.05	20.93	21.50
GPRS 2 Tx slots	26.82	26.35	26.66	27.50	20.82	20.35	20.66	21.50
GPRS 3 Tx slots	25.33	25.35	25.19	26.50	21.07	21.09	20.93	22.24
GPRS 4 Tx slots	23.19	23.24	22.78	24.00	20.19	20.24	19.78	21.00
EDGE 1 Tx slot	25.11	25.03	25.21	26.50	16.11	16.03	16.21	17.50
EDGE 2 Tx slots	23.59	23.50	23.57	24.50	17.59	17.50	17.57	18.50
EDGE 3 Tx slots	22.46	22.37	22.55	23.50	18.20	18.11	18.29	19.24
EDGE 4 Tx slots	20.04	20.01	20.10	21.00	17.04	17.01	17.10	18.00

		Ant0 DSI2 Power				Ant0 DSI2 Power				Ant0 DSI2 Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.19	24.16	25.00	24.10	24.21	24.13	25.00	23.74	23.94	23.94	25.00
3GPP Rel 99	RMC 12.2Kbps	24.16	24.24	24.18	25.00	24.12	24.23	24.14	25.00	23.76	23.99	23.96	25.00
3GPP Rel 6	HSDPA Subtest-1	23.22	23.19	23.34	24.00	23.40	23.51	23.31	24.00	23.02	23.06	23.03	24.00
3GPP Rel 6	HSDPA Subtest-2	23.19	23.23	23.34	24.00	23.35	23.43	23.29	24.00	22.62	23.04	23.03	24.00
3GPP Rel 6	HSDPA Subtest-3	22.68	22.74	22.84	23.50	22.84	22.95	22.82	23.50	22.50	22.51	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.67	22.71	22.43	23.50	22.86	23.00	22.80	23.50	22.61	22.55	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.91	22.98	23.06	24.00	23.07	23.17	23.00	24.00	22.78	22.85	22.78	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.90	23.03	23.03	24.00	23.14	23.11	23.05	24.00	22.38	22.76	22.69	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.52	22.61	23.50	22.51	22.70	22.50	23.50	22.26	22.27	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.41	22.38	22.11	23.50	22.60	22.68	22.51	23.50	22.29	22.21	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	22.37	22.44	22.17	24.00	22.37	22.50	22.15	24.00	22.38	22.37	22.17	24.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.20	21.31	22.00	21.34	21.40	21.32	22.00	21.00	21.01	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	22.21	22.13	22.34	23.00	22.36	22.44	22.26	23.00	22.00	21.98	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	21.23	21.19	21.30	22.00	21.30	21.42	21.28	22.00	20.99	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.30	24.00	23.12	23.40	23.30	24.00	23.00	23.00	23.10	24.00

Band 2 (1900MHz Band) Ant0 DSI2 Power Part 24E

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.82	22.73		
20	QPSK	1	49	22.72	22.64	22.71	24	0
20	QPSK	1	99	22.62	22.69	22.69		
20	QPSK	50	0	22.74	22.81	22.74		
20	QPSK	50	24	22.80	22.78	22.74	24	0
20	QPSK	50	50	22.68	22.76	22.72		
20	QPSK	100	0	22.79	22.81	22.77		
20	16QAM	1	0	22.66	22.73	22.59		
20	16QAM	1	49	22.64	22.52	22.58	24	0
20	16QAM	1	99	22.55	22.60	22.56		
20	16QAM	50	0	22.68	22.68	22.66		
20	16QAM	50	24	22.73	22.73	22.65	24	0
20	16QAM	50	50	22.61	22.69	22.63		
20	16QAM	100	0	22.71	22.75	22.70		
20	64QAM	1	0	22.66	22.79	22.60		
20	64QAM	1	49	22.59	22.56	22.58	24	0
20	64QAM	1	99	22.55	22.57	22.57		
20	64QAM	50	0	22.62	22.70	22.65		
20	64QAM	50	24	22.71	22.69	22.69	24	0
20	64QAM	50	50	22.62	22.68	22.60		
20	64QAM	100	0	22.77	22.71	22.76		
20	256QAM	1	0	19.51	19.48	19.49		
20	256QAM	1	49	19.58	19.58	19.60	20	4
20	256QAM	1	99	19.41	19.41	19.43		
20	256QAM	50	0	19.10	19.09	19.10		
20	256QAM	50	24	19.05	19.08	19.05	20	4
20	256QAM	50	50	19.05	19.03	19.04		
20	256QAM	100	0	19.08	19.06	19.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.62	22.78	22.60		
15	QPSK	1	37	22.58	22.82	22.62	24	0
15	QPSK	1	74	22.56	22.58	22.59		
15	QPSK	36	0	22.61	22.71	22.64		
15	QPSK	36	20	22.75	22.69	22.65	24	0
15	QPSK	36	39	22.63	22.70	22.58		
15	QPSK	75	0	22.73	22.70	22.74		
15	16QAM	1	0	22.52	22.61	22.53		
15	16QAM	1	37	22.52	22.42	22.47	24	0
15	16QAM	1	74	22.52	22.51	22.45		
15	16QAM	36	0	22.58	22.54	22.57		
15	16QAM	36	20	22.66	22.66	22.55	24	0
15	16QAM	36	39	22.53	22.57	22.54		
15	16QAM	75	0	22.61	22.63	22.55		
15	64QAM	1	0	22.55	22.66	22.49		
15	64QAM	1	37	22.53	22.42	22.44	24	0
15	64QAM	1	74	22.47	22.44	22.51		
15	64QAM	36	0	22.52	22.63	22.56		
15	64QAM	36	20	22.57	22.52	22.56	24	0
15	64QAM	36	39	22.50	22.54	22.52		
15	64QAM	75	0	22.70	22.65	22.68		
15	256QAM	1	0	19.48	19.44	19.46		
15	256QAM	1	37	19.54	19.52	19.54	20	4
15	256QAM	1	74	19.37	19.39	19.40		
15	256QAM	36	0	19.05	19.06	19.08		
15	256QAM	36	20	19.01	19.05	19.01	20	4
15	256QAM	36	39	19.01	18.98	19.01		
15	256QAM	75	0	19.03	19.01	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.59	22.77	22.59		
10	QPSK	1	25	22.62	22.55	22.65	24	0
10	QPSK	1	49	22.53	22.63	22.58		
10	QPSK	25	0	22.67	22.72	22.63		
10	QPSK	25	12	22.69	22.70	22.65	24	0
10	QPSK	25	25	22.53	22.58	22.58		
10	QPSK	50	0	22.77	22.67	22.73		
10	16QAM	1	0	22.59	22.61	22.46		
10	16QAM	1	25	22.52	22.38	22.48	24	0
10	16QAM	1	49	22.42	22.46	22.48		
10	16QAM	25	0	22.54	22.56	22.59		
10	16QAM	25	12	22.60	22.64	22.58	24	0
10	16QAM	25	25	22.51	22.57	22.56		
10	16QAM	50	0	22.60	22.66	22.59		
10	64QAM	1	0	22.53	22.66	22.47		
10	64QAM	1	25	22.51	22.46	22.48	24	0
10	64QAM	1	49	22.40	22.44	22.51		
10	64QAM	25	0	22.49	22.51	22.57		
10	64QAM	25	12	22.63	22.61	22.59	24	0
10	64QAM	25	25	22.49	22.60	22.54		
10	64QAM	50	0	22.66	22.60	22.71		
10	256QAM	1	0	19.46	19.45	19.45		
10	256QAM	1	25	19.52	19.54	19.55	20	4
10	256QAM	1	49	19.38	19.36	19.39		
10	256QAM	25	0	19.07	19.03	19.08		
10	256QAM	25	12	19.01	19.01	19.01	20	4
10	256QAM	25	25	19.01	18.97	18.99		
10	256QAM	50	0	19.06	19.01	19.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.60	22.80	22.64		
5	QPSK	1	12	22.65	22.56	22.59	24	0
5	QPSK	1	24	22.47	22.58	22.58		
5	QPSK	12	0	22.68	22.68	22.60		
5	QPSK	12	7	22.71	22.76	22.62	24	0
5	QPSK	12	13	22.57	22.66	22.60		
5	QPSK	25	0	22.73	22.66	22.72		
5	16QAM	1	0	22.60	22.64	22.53		
5	16QAM	1	12	22.49	22.42	22.50	24	0
5	16QAM	1	24	22.50	22.48	22.46		
5	16QAM	12	0	22.55	22.56	22.55		
5	16QAM	12	7	22.67	22.67	22.51	24	0
5	16QAM	12	13	22.48	22.53	22.54		
5	16QAM	25	0	22.60	22.69	22.57		
5	64QAM	1	0	22.54	22.69	22.53		
5	64QAM	1	12	22.52	22.44	22.52	24	0
5	64QAM	1	24	22.49	22.43	22.48		
5	64QAM	12	0	22.56	22.58	22.55		
5	64QAM	12	7	22.61	22.56	22.55	24	0
5	64QAM	12	13	22.52	22.59	22.50		
5	64QAM	25	0	22.65	22.67	22.66		
5	256QAM	1	0	19.48	19.45	19.44		
5	256QAM	1	12	19.55	19.53	19.57	20	4
5	256QAM	1	24	19.38	19.36	19.39		
5	256QAM	12	0	19.06	19.08	19.06		
5	256QAM	12	7	19.01	19.06	19.03	20	4
5	256QAM	12	13	19.00	18.97	19.01		
5	256QAM	25	0	19.02	19.03	19.03		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.76	22.68		
3	QPSK	1	8	22.67	22.54	22.66	24	0
3	QPSK	1	14	22.50	22.57	22.59		
3	QPSK	8	0	22.68	22.76	22.68		
3	QPSK	8	4	22.72	22.76	22.62	24	0
3	QPSK	8	7	22.61	22.69	22.59		
3	QPSK	15	0	22.70	22.67	22.70		
3	16QAM	1	0	22.60	22.62	22.45		
3	16QAM	1	8	22.56	22.45	22.50	24	0
3	16QAM	1	14	22.47	22.49	22.50		
3	16QAM	8	0	22.53	22.58	22.51		
3	16QAM	8	4	22.61	22.66	22.52	24	0
3	16QAM	8	7	22.55	22.59	22.53		
3	16QAM	15	0	22.65	22.69	22.64		
3	64QAM	1	0	22.58	22.67	22.48		
3	64QAM	1	8	22.48	22.43	22.46	24	0
3	64QAM	1	14	22.44	22.47	22.46		
3	64QAM	8	0	22.49	22.63	22.59		
3	64QAM	8	4	22.60	22.60	22.60	24	0
3	64QAM	8	7	22.56	22.58	22.50		
3	64QAM	15	0	22.70	22.62	22.67		
3	256QAM	1	0	19.46	19.43	19.47		
3	256QAM	1	8	19.55	19.55	19.55	20	4
3	256QAM	1	14	19.39	19.37	19.41		
3	256QAM	8	0	19.07	19.07	19.07		
3	256QAM	8	4	19.02	19.04	19.00	20	4
3	256QAM	8	7	19.01	19.00	18.99		
3	256QAM	15	0	19.03	19.04	19.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.60	22.80	22.60		
1.4	QPSK	1	3	22.60	22.58	22.62		
1.4	QPSK	1	5	22.54	22.60	22.57	24	0
1.4	QPSK	3	0	22.63	22.72	22.66		
1.4	QPSK	3	1	22.72	22.70	22.69		
1.4	QPSK	3	3	22.54	22.65	22.63		
1.4	QPSK	6	0	22.69	22.66	22.72	24	0
1.4	16QAM	1	0	22.59	22.67	22.51		
1.4	16QAM	1	3	22.49	22.41	22.52		
1.4	16QAM	1	5	22.44	22.54	22.43	24	0
1.4	16QAM	3	0	22.63	22.59	22.56		
1.4	16QAM	3	1	22.65	22.58	22.52		
1.4	16QAM	3	3	22.47	22.58	22.52		
1.4	16QAM	6	0	22.57	22.67	22.59	24	0
1.4	64QAM	1	0	22.58	22.65	22.53		
1.4	64QAM	1	3	22.46	22.44	22.47		
1.4	64QAM	1	5	22.42	22.45	22.46	24	0
1.4	64QAM	3	0	22.52	22.59	22.60		
1.4	64QAM	3	1	22.61	22.57	22.58		
1.4	64QAM	3	3	22.48	22.62	22.48		
1.4	64QAM	6	0	22.70	22.59	22.68	24	0
1.4	256QAM	1	0	19.47	19.57	19.44		
1.4	256QAM	1	3	19.54	19.55	19.56		
1.4	256QAM	1	5	19.37	19.38	19.38	20	4
1.4	256QAM	3	0	19.05	19.04	19.05		
1.4	256QAM	3	1	19.00	19.03	19.03		
1.4	256QAM	3	3	19.01	19.00	18.99		
1.4	256QAM	6	0	19.06	19.04	19.04	20	4

Band 4 (AWS Band) Ant0 DSI2 Power Part 27L (only on channel required)

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.02	23.12	22.91		
20	QPSK	1	49	22.96	22.85	22.89	24	0
20	QPSK	1	99	22.73	22.73	22.66		
20	QPSK	50	0	22.95	23.08	22.87		
20	QPSK	50	24	23.02	22.89	22.96	24	0
20	QPSK	50	50	22.86	22.94	22.84		
20	QPSK	100	0	23.00	23.03	22.90		
20	16QAM	1	0	22.88	22.97	22.76		
20	16QAM	1	49	22.89	22.76	22.83	24	0
20	16QAM	1	99	22.67	22.67	22.59		
20	16QAM	50	0	22.81	22.85	22.78		
20	16QAM	50	24	22.90	22.80	22.88	24	0
20	16QAM	50	50	22.80	22.84	22.72		
20	16QAM	100	0	22.90	22.77	22.80		
20	64QAM	1	0	22.95	22.93	22.76		
20	64QAM	1	49	22.84	22.72	22.76	24	0
20	64QAM	1	99	22.59	22.63	22.54		
20	64QAM	50	0	22.82	22.86	22.74		
20	64QAM	50	24	22.97	22.84	22.86	24	0
20	64QAM	50	50	22.75	22.80	22.77		
20	64QAM	100	0	22.94	22.79	22.81		
20	256QAM	1	0	19.12	19.15	18.80		
20	256QAM	1	49	19.17	19.21	19.17	20	4
20	256QAM	1	99	18.93	18.96	18.87		
20	256QAM	50	0	19.07	19.13	18.77		
20	256QAM	50	24	19.19	19.24	19.22	20	4
20	256QAM	50	50	18.92	18.87	18.83		
20	256QAM	100	0	18.72	18.78	18.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	23.04	22.84		
15	QPSK	1	37	22.86	23.12	22.85	24	0
15	QPSK	1	74	22.66	22.62	22.55		
15	QPSK	36	0	22.87	22.86	22.81		
15	QPSK	36	20	22.90	22.79	22.89	24	0
15	QPSK	36	39	22.80	22.88	22.71		
15	QPSK	75	0	22.94	22.74	22.77		
15	16QAM	1	0	22.83	22.87	22.69		
15	16QAM	1	37	22.82	22.62	22.72	24	0
15	16QAM	1	74	22.52	22.46	22.44		
15	16QAM	36	0	22.75	22.75	22.64		
15	16QAM	36	20	22.78	22.69	22.77	24	0
15	16QAM	36	39	22.70	22.70	22.67		
15	16QAM	75	0	22.75	22.80	22.68		
15	64QAM	1	0	22.87	22.87	22.67		
15	64QAM	1	37	22.76	22.62	22.69	24	0
15	64QAM	1	74	22.49	22.50	22.39		
15	64QAM	36	0	22.71	22.80	22.60		
15	64QAM	36	20	22.87	22.79	22.79	24	0
15	64QAM	36	39	22.61	22.69	22.63		
15	64QAM	75	0	22.88	22.64	22.67		
15	256QAM	1	0	18.94	19.14	18.84		
15	256QAM	1	37	18.98	18.97	19.23	20	4
15	256QAM	1	74	18.74	18.88	18.81		
15	256QAM	36	0	19.12	19.24	18.81		
15	256QAM	36	20	19.17	18.93	19.28	20	4
15	256QAM	36	39	18.99	19.06	18.86		
15	256QAM	75	0	18.65	18.70	18.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.92	23.05	22.85		
10	QPSK	1	25	22.88	22.85	22.80	24	0
10	QPSK	1	49	22.73	22.63	22.63		
10	QPSK	25	0	22.89	22.93	22.82		
10	QPSK	25	12	22.99	22.89	22.93	24	0
10	QPSK	25	25	22.83	22.85	22.75		
10	QPSK	50	0	22.96	22.83	22.82		
10	16QAM	1	0	22.87	22.92	22.76		
10	16QAM	1	25	22.85	22.70	22.74	24	0
10	16QAM	1	49	22.96	22.48	22.53		
10	16QAM	25	0	22.78	22.82	22.71		
10	16QAM	25	12	22.88	22.77	22.78	24	0
10	16QAM	25	25	22.77	22.79	22.75		
10	16QAM	50	0	22.76	22.78	22.78		
10	64QAM	1	0	22.95	22.95	22.69		
10	64QAM	1	25	22.78	22.68	22.76	24	0
10	64QAM	1	49	22.51	22.52	22.47		
10	64QAM	25	0	22.77	22.84	22.68		
10	64QAM	25	12	22.94	22.75	22.88	24	0
10	64QAM	25	25	22.62	22.73	22.64		
10	64QAM	50	0	22.97	22.68	22.70		
10	256QAM	1	0	19.25	19.42	18.99		
10	256QAM	1	25	18.97	19.04	19.25	20	4
10	256QAM	1	49	19.00	19.07	18.98		
10	256QAM	25	0	18.81	19.25	18.85		
10	256QAM	25	12	19.23	19.13	19.24	20	4
10	256QAM	25	25	18.96	19.07	18.79		
10	256QAM	50	0	18.86	18.94	18.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.83	23.05	22.77		
5	QPSK	1	12	22.81	22.80	22.73	24	0
5	QPSK	1	24	22.70	22.58	22.56		
5	QPSK	12	0	22.81	22.85	22.81		
5	QPSK	12	7	22.91	22.89	22.93	24	0
5	QPSK	12	13	22.78	22.88	22.66		
5	QPSK	25	0	22.91	22.79	22.81		
5	16QAM	1	0	22.86	22.85	22.71		
5	16QAM	1	12	22.82	22.68	22.65	24	0
5	16QAM	1	24	22.52	22.55	22.47		
5	16QAM	12	0	22.76	22.82	22.64		
5	16QAM	12	7	22.85	22.74	22.72	24	0
5	16QAM	12	13	22.74	22.83	22.74		
5	16QAM	25	0	22.69	22.69	22.76		
5	64QAM	1	0	22.88	22.88	22.65		
5	64QAM	1	12	22.69	22.62	22.74	24	0
5	64QAM	1	24	22.48	22.51	22.45		
5	64QAM	12	0	22.75	22.77	22.63		
5	64QAM	12	7	22.92	22.70	22.85	24	0
5	64QAM	12	13	22.57	22.70	22.54		
5	64QAM	25	0	22.97	22.83	22.66		
5	256QAM	1	0	19.29	19.02	19.10		
5	256QAM	1	12	19.07	19.25	19.11	20	4
5	256QAM	1	24	19.17	18.87	18.96		
5	256QAM	12	0	19.33	19.08	19.35		
5	256QAM	12	7	19.34	19.13	19.12	20	4
5	256QAM	12	13	19.05	19.15	19.02		
5	256QAM	25	0	18.91	18.83	18.57		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.81	23.00	22.73		
3	QPSK	1	8	22.81	22.71	22.66	24	0
3	QPSK	1	14	22.61	22.56	22.54		
3	QPSK	8	0	22.79	22.84	22.72		
3	QPSK	8	4	22.84	22.75	22.92	24	0
3	QPSK	8	7	22.69	22.84	22.57		
3	QPSK	15	0	22.89	22.77	22.80		
3	16QAM	1	0	22.83	22.78	22.65		
3	16QAM	1	8	22.75	22.68	22.59	24	0
3	16QAM	1	14	22.45	22.54	22.42		
3	16QAM	8	0	22.74	22.80	22.57		
3	16QAM	8	4	22.80	22.67	22.68	24	0
3	16QAM	8	7	22.71	22.63	22.70		
3	16QAM	15	0	22.63	22.60	22.66		
3	64QAM	1	0	22.83	22.82	22.65		
3	64QAM	1	8	22.62	22.55	22.67	24	0
3	64QAM	1	14	22.47	22.39	22.36		
3	64QAM	8	0	22.67	22.74	22.59		
3	64QAM	8	4	22.92	22.63	22.82	24	0
3	64QAM	8	7	22.48	22.65	22.48		
3	64QAM	15	0	22.92	22.58	22.62		
3	256QAM	1	0	18.84	18.94	19.06		
3	256QAM	1	8	19.18	19.23	19.14	20	4
3	256QAM	1	14	19.16	19.21	18.94		
3	256QAM	8	0	19.05	19.10	18.95		
3	256QAM	8	4	19.36	19.26	19.30	20	4
3	256QAM	8	7	19.09	18.95	19.02		
3	256QAM	15	0	19.02	18.97	18.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	22.96	22.73		
1.4	QPSK	1	3	22.73	22.78	22.66		
1.4	QPSK	1	5	22.62	22.57	22.53	24	0
1.4	QPSK	3	0	22.71	22.81	22.74		
1.4	QPSK	3	1	22.89	22.79	22.91		
1.4	QPSK	3	3	22.70	22.80	22.59		
1.4	QPSK	6	0	22.88	22.74	22.72	24	0
1.4	16QAM	1	0	22.81	22.75	22.62		
1.4	16QAM	1	3	22.73	22.63	22.64		
1.4	16QAM	1	5	22.45	22.45	22.44	24	0
1.4	16QAM	3	0	22.71	22.75	22.63		
1.4	16QAM	3	1	22.76	22.66	22.63		
1.4	16QAM	3	3	22.68	22.60	22.68		
1.4	16QAM	6	0	22.67	22.59	22.71	24	0
1.4	64QAM	1	0	22.83	22.81	22.61		
1.4	64QAM	1	3	22.62	22.52	22.72		
1.4	64QAM	1	5	22.39	22.42	22.51	24	0
1.4	64QAM	3	0	22.65	22.71	22.62		
1.4	64QAM	3	1	22.86	22.64	22.83		
1.4	64QAM	3	3	22.54	22.62	22.50		
1.4	64QAM	6	0	22.97	22.61	22.84	24	0
1.4	256QAM	1	0	18.89	18.96	18.88		
1.4	256QAM	1	3	19.16	19.28	19.37		
1.4	256QAM	1	5	19.18	19.00	19.07	20	4
1.4	256QAM	3	0	19.28	19.13	19.07		
1.4	256QAM	3	1	19.17	19.23	19.13		
1.4	256QAM	3	3	18.93	18.98	19.04		
1.4	256QAM	6	0	18.92	18.84	18.72	20	4

Band 5 (Celluar Band) Ant0 DSI2 Power Part 22H(only on channel required)

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.86	22.81		
10	QPSK	1	25	22.71	22.84	22.73	24	0
10	QPSK	1	49	22.47	22.74	22.68		
10	QPSK	25	0	22.72	22.77	22.76		
10	QPSK	25	12	22.72	22.75	22.75	24	0
10	QPSK	25	25	22.69	22.74	22.72		
10	QPSK	50	0	22.74	22.75	22.72		
10	16QAM	1	0	22.66	22.80	22.73		
10	16QAM	1	25	22.64	22.79	22.72	24	0
10	16QAM	1	49	22.44	22.75	22.59		
10	16QAM	25	0	22.70	22.74	22.73		
10	16QAM	25	12	22.73	22.71	22.72	24	0
10	16QAM	25	25	22.62

Band 12 (700MHz Low Band) Ant0 DSI2 Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.93	22.76		
10	QPSK	1	25	22.88	22.91	22.81	24	0
10	QPSK	1	49	22.85	22.79	22.84		
10	QPSK	25	0	22.89	22.92	22.90		
10	QPSK	25	12	22.90	22.91	22.83	24	0
10	QPSK	25	25	22.90	22.88	22.85		
10	QPSK	50	0	22.79	22.91	22.76		
10	16QAM	1	0	22.66	22.83	22.70		
10	16QAM	1	25	22.78	22.88	22.72	24	0
10	16QAM	1	49	22.82	22.77	22.79		
10	16QAM	25	0	22.83	22.70	22.89		
10	16QAM	25	12	22.87	22.83	22.81	24	0
10	16QAM	25	25	22.88	22.82	22.82		
10	16QAM	50	0	22.76	22.85	22.68		
10	64QAM	1	0	22.67	22.92	22.68		
10	64QAM	1	25	22.84	22.81	22.72	24	0
10	64QAM	1	49	22.77	22.77	22.79		
10	64QAM	25	0	22.86	22.72	22.87		
10	64QAM	25	12	22.80	22.86	22.79	24	0
10	64QAM	25	25	22.81	22.79	22.82		
10	64QAM	50	0	22.71	22.85	22.68		
10	256QAM	1	0	19.17	19.41	19.14		
10	256QAM	1	25	18.98	19.28	19.22	20	4
10	256QAM	1	49	19.31	19.28	18.95		
10	256QAM	25	0	19.46	19.46	19.48		
10	256QAM	25	12	19.67	19.50	19.40	20	4
10	256QAM	25	25	19.31	19.17	19.20		
10	256QAM	50	0	19.22	19.02	19.10		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.68	22.83	22.74		
5	QPSK	1	12	22.82	22.84	22.79	24	0
5	QPSK	1	24	22.78	22.70	22.77		
5	QPSK	12	0	22.87	22.70	22.87		
5	QPSK	12	7	22.81	22.85	22.77	24	0
5	QPSK	12	13	22.81	22.83	22.76		
5	QPSK	25	0	22.70	22.85	22.74		
5	16QAM	1	0	22.60	22.74	22.67		
5	16QAM	1	12	22.68	22.84	22.68	24	0
5	16QAM	1	24	22.76	22.74	22.73		
5	16QAM	12	0	22.76	22.65	22.88		
5	16QAM	12	7	22.81	22.83	22.74	24	0
5	16QAM	12	13	22.80	22.72	22.74		
5	16QAM	25	0	22.66	22.81	22.66		
5	64QAM	1	0	22.58	22.88	22.63		
5	64QAM	1	12	22.78	22.73	22.63	24	0
5	64QAM	1	24	22.73	22.69	22.74		
5	64QAM	12	0	22.86	22.72	22.79		
5	64QAM	12	7	22.70	22.84	22.72	24	0
5	64QAM	12	13	22.79	22.79	22.73		
5	64QAM	25	0	22.67	22.77	22.67		
5	256QAM	1	0	19.01	19.36	19.25		
5	256QAM	1	12	18.92	18.97	19.27	20	4
5	256QAM	1	24	19.23	19.03	18.95		
5	256QAM	12	0	19.16	19.54	19.19		
5	256QAM	12	7	19.37	19.44	19.33	20	4
5	256QAM	12	13	19.21	19.36	19.05		
5	256QAM	25	0	19.17	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.60	22.84	22.72		
3	QPSK	1	8	22.89	22.86	22.77	24	0
3	QPSK	1	14	22.78	22.77	22.82		
3	QPSK	8	0	22.83	22.76	22.80		
3	QPSK	8	4	22.82	22.90	22.79	24	0
3	QPSK	8	7	22.84	22.79	22.86		
3	QPSK	15	0	22.71	22.90	22.70		
3	16QAM	1	0	22.64	22.81	22.72		
3	16QAM	1	8	22.75	22.78	22.67	24	0
3	16QAM	1	14	22.82	22.79	22.80		
3	16QAM	8	0	22.78	22.69	22.90		
3	16QAM	8	4	22.77	22.76	22.82	24	0
3	16QAM	8	7	22.88	22.81	22.75		
3	16QAM	15	0	22.72	22.76	22.67		
3	64QAM	1	0	22.59	22.91	22.62		
3	64QAM	1	8	22.74	22.79	22.72	24	0
3	64QAM	1	14	22.73	22.75	22.80		
3	64QAM	8	0	22.77	22.63	22.86		
3	64QAM	8	4	22.72	22.87	22.74	24	0
3	64QAM	8	7	22.75	22.74	22.80		
3	64QAM	15	0	22.66	22.77	22.58		
3	256QAM	1	0	19.18	19.06	19.21		
3	256QAM	1	8	18.81	18.99	19.17	20	4
3	256QAM	1	14	19.05	19.17	18.90		
3	256QAM	8	0	19.47	19.35	19.37		
3	256QAM	8	4	19.54	19.44	19.43	20	4
3	256QAM	8	7	19.52	19.13	19.26		
3	256QAM	15	0	19.20	18.70	18.89		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.58	22.84	22.70		
1.4	QPSK	1	3	22.76	22.81	22.70		
1.4	QPSK	1	5	22.72	22.74	22.77	24	0
1.4	QPSK	3	0	22.82	22.68	22.80		
1.4	QPSK	3	1	22.77	22.82	22.74		
1.4	QPSK	3	3	22.80	22.77	22.77		
1.4	QPSK	6	0	22.76	22.88	22.66	24	0
1.4	16QAM	1	0	22.62	22.75	22.59		
1.4	16QAM	1	3	22.76	22.79	22.61		
1.4	16QAM	1	5	22.71	22.70	22.70	24	0
1.4	16QAM	3	0	22.80	22.68	22.85		
1.4	16QAM	3	1	22.83	22.72	22.69		
1.4	16QAM	3	3	22.85	22.74	22.71		
1.4	16QAM	6	0	22.68	22.81	22.64	24	0
1.4	64QAM	1	0	22.60	22.82	22.64		
1.4	64QAM	1	3	22.75	22.65	22.64		
1.4	64QAM	1	5	22.66	22.62	22.70	24	0
1.4	64QAM	3	0	22.80	22.66	22.82		
1.4	64QAM	3	1	22.72	22.85	22.76		
1.4	64QAM	3	3	22.70	22.67	22.76		
1.4	64QAM	6	0	22.65	22.78	22.64	24	0
1.4	256QAM	1	0	19.16	19.23	19.06		
1.4	256QAM	1	3	18.97	19.02	19.36		
1.4	256QAM	1	5	19.03	19.39	18.95	20	4
1.4	256QAM	3	0	19.54	19.33	19.25		
1.4	256QAM	3	1	19.27	19.13	19.25		
1.4	256QAM	3	3	19.14	19.26	19.31		
1.4	256QAM	6	0	19.43	18.98	19.31	20	4

Band 13(700MHz Band) Ant0 DSI2 Power Part 27F

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		23.22			
10	QPSK	1	25		22.9		24	0
10	QPSK	1	49		22.88			
10	QPSK	25	0		22.93			
10	QPSK	25	12		22.89		24	0
10	QPSK	25	25		22.91			
10	QPSK	50	0		22.88			
10	16QAM	1	0		23.06			
10	16QAM	1	25		23.09		24	0
10	16QAM	1	49		23.07			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.38		23	1
10	16QAM	25	25		22.36			
10	16QAM	50	0		22.3			
10	64QAM	1	0		23.04			
10	64QAM	1	25		23.13		24	0
10	64QAM	1	49		23.01			
10	64QAM	25	0		22.22			
10	64QAM	25	12		22.34		23	1
10	64QAM	25	25		22.38			
10	64QAM	50	0		22.31			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.78		20	4
10	256QAM	1	49		19.64			
10	256QAM	25	0		19.64			
10	256QAM	25	12		19.79		20	4
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.66			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.71	22.76		
5	QPSK	1	12	22.75	22.81	22.87	24	0
5	QPSK	1	24	22.70	22.83	22.81		
5	QPSK	12	0	22.69	22.69	22.79		
5	QPSK	12	7	22.83	22.74	22.91	24	0
5	QPSK	12	13	22.76	22.83	22.88		
5	QPSK	25	0	22.78	22.73	22.83		
5	16QAM	1	0	23.12	23.14	23.20		
5	16QAM	1	12	23.21	23.07	23.20	24	0
5	16QAM	1	24	23.21	23.07	23.04		
5	16QAM	12	0	22.21	22.17	22.46		
5	16QAM	12	7	22.14	22.32	22.38	23	1
5	16QAM	12	13	22.14	22.40	22.24		
5	16QAM	25	0	22.17	22.29	22.27		
5	64QAM	1	0	22.87	22.90	22.97		
5	64QAM	1	12	23.03	22.99	23.09	24	0
5	64QAM	1	24	22.91	23.02	22.87		
5	64QAM	12	0	22.20	22.20	22.41		
5	64QAM	12	7	22.18	22.35	22.37	23	1
5	64QAM	12	13	22.18	22.38	22.19		
5	64QAM	25	0	22.19	22.31	22.26		
5	256QAM	1	0	19.16	19.13	19.36		
5	256QAM	1	12	19.19	19.31	19.24	20	4
5	256QAM	1	24	19.25	19.09	19.31		
5	256QAM	12	0	19.17	19.14	19.26		
5	256QAM	12	7	19.28	19.24	19.37	20	4
5	256QAM	12	13	19.29	19.17	19.30		
5	256QAM	25	0	19.31	19.27	19.19		

Band 17 (700MHz Band) Ant0 DSI2 Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.48	22.88	22.49		
10	QPSK	1	25	22.49	22.56	22.51	24	0
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	22.52	22.76	22.43		
10	QPSK	25	12	22.50	22.54	22.62	24	0
10	QPSK	25	25	22.51	22.52	22.47		
10	QPSK	50	0	22.50	22.68	22.60		
10	16QAM	1	0	22.76	22.85	22.87		
10	16QAM	1	25	22.71	22.83	22.59	24	0
10	16QAM	1	49	22.83	22.87	22.73		
10	16QAM	25	0	22.21	22.26	22.22		
10	16QAM	25	12	22.34	22.26	22.34	24	0
10	16QAM	25	25	22.36	22.26	22.20		
10	16QAM	50	0	22.24	22.30	22.33		
10	64QAM	1	0	22.78	22.84	22.72		
10	64QAM	1	25	22.68	22.54	22.60	24	0
10	64QAM	1	49	22.64	22.31	22.65		
10	64QAM	25	0	22.21	22.16	22.26		
10	64QAM	25	12	22.33	22.19	22.36	24	0
10	64QAM	25	25	22.35	22.26	22.23		
10	64QAM	50	0	22.11	22.31	22.32		
10	256QAM	1	0	18.83	19.10	18.78		
10	256QAM	1	25	18.69	18.71	19.08	20	4
10	256QAM	1	49	18.68	18.64	18.70		
10	256QAM	25	0	18.84	18.77	18.87		
10	256QAM	25	12	19.07	18.91	18.86	20	4
10	256QAM	25	25	18.69	18.75	18.81		
10	256QAM	50	0	18.99	19.08	19.03		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.62	22.50	22.57		
5	QPSK	1	12	22.63	22.68	22.58	24	0
5	QPSK	1	24	22.50	22.34	22.38		
5	QPSK	12	0	22.64	22.56	22.56		
5	QPSK	12	7	22.66	22.63	22.58	24	0
5	QPSK	12	13	22.55	22.55	22.50		
5	QPSK	25	0	22.60	22.59	22.52		
5	16QAM	1	0	22.83	22.82	22.83		
5	16QAM	1	12	22.70	22.56	22.78	24	0
5	16QAM	1	24	22.79	22.76	22.78		
5	16QAM	12	0	22.41	22.34	22.47		
5	16QAM	12	7	22.43	22.30	22.36	24	0
5	16QAM	12	13	22.29	22.28	22.26		
5	16QAM	25	0	22.35	22.23	22.26		
5	64QAM	1	0	22.71	22.79	22.62		
5	64QAM	1	12	22.56	22.58	22.69	24	0
5	64QAM	1	24	22.58	22.66	22.81		
5	64QAM	12	0	22.41	22.20	22.27		
5	64QAM	12	7	22.23	22.23	22.24	24	0
5	64QAM	12	13	22.25	22.28	22.25		
5	64QAM	25	0	22.26	22.21	22.23		
5	256QAM	1	0	18.67	18.86	18.81		
5	256QAM	1	12	18.71	18.80	19.01	20	4
5	256QAM	1	24	19.06	18.77	19.15		
5	256QAM	12	0	18.93	18.89	18.98		
5	256QAM	12	7	19.14	18.98	19.17	20	4
5	256QAM	12	13	18.70	18.79	18.70		
5	256QAM	25	0	18.79	18.63	18.57		

Band 25 (1900MHz Band) Ant0 DSI2 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.80	22.89	22.87		
20	QPSK	1	49	22.85	22.87	22.88	24	0
20	QPSK	1	99	22.67	22.70	22.78		
20	QPSK	50	0	22.77	22.86	22.83		
20	QPSK	50	24	22.82	22.83	22.84	24	0
20	QPSK	50	50	22.65	22.65	22.73		
20	QPSK	100	0	22.87	22.88	22.86		
20	16QAM	1	0	22.75	22.84	22.81		
20	16QAM	1	49	22.83	22.84	22.86	24	0
20	16QAM	1	99	22.62	22.68	22.73		
20	16QAM	50	0	22.74	22.83	22.80		
20	16QAM	50	24	22.77	22.80	22.82	24	0
20	16QAM	50	50	22.61	22.63	22.68		
20	16QAM	100	0	22.83	22.83	22.83		
20	64QAM	1	0	22.74	22.85	22.82		
20	64QAM	1	49	22.82	22.82	22.84	24	0
20	64QAM	1	99	22.62	22.67	22.75		
20	64QAM	50	0	22.74	22.84	22.79		
20	64QAM	50	24	22.78	22.80	22.81	24	0
20	64QAM	50	50	22.63	22.62	22.68		
20	64QAM	100	0	22.83	22.86	22.83		
20	256QAM	1	0	19.31	19.40	19.31		
20	256QAM	1	49	19.02	19.19	19.06	20	4
20	256QAM	1	99	19.31	19.30	19.06		
20	256QAM	50	0	19.35	19.55	19.42		
20	256QAM	50	24	19.57	19.37	19.57	20	4
20	256QAM	50	50	19.09	19.20	19.14		
20	256QAM	100	0	19.51	19.10	19.11		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.76	22.85	22.83		
15	QPSK	1	37	22.62	22.81	22.84	24	0
15	QPSK	1	74	22.62	22.66	22.74		
15	QPSK	36	0	22.74	22.83	22.78		
15	QPSK	36	20	22.77	22.79	22.80	24	0
15	QPSK	36	39	22.59	22.61	22.69		
15	QPSK	75	0	22.82	22.86	22.80		
15	16QAM	1	0	22.71	22.78	22.76		
15	16QAM	1	37	22.80	22.80	22.82	24	0
15	16QAM	1	74	22.60	22.63	22.68		
15	16QAM	36	0	22.68	22.80	22.74		
15	16QAM	36	20	22.74	22.76	22.79	24	0
15	16QAM	36	39	22.57	22.59	22.62		
15	16QAM	75	0	22.77	22.78	22.78		
15	64QAM	1	0	22.72	22.80	22.79		
15	64QAM	1	37	22.79	22.77	22.80	24	0
15	64QAM	1	74	22.58	22.62	22.72		
15	64QAM	36	0	22.72	22.81	22.74		
15	64QAM	36	20	22.76	22.75	22.77	24	0
15	64QAM	36	39	22.60	22.60	22.63		
15	64QAM	75	0	22.80	22.82	22.79		
15	256QAM	1	0	19.11	19.20	19.35		
15	256QAM	1	37	19.03	19.23	18.93	20	4
15	256QAM	1	74	19.34	19.17	19.00		
15	256QAM	36	0	19.44	19.43	19.29		
15	256QAM	36	20	19.59	19.17	19.27	20	4
15	256QAM	36	39	19.22	19.09	19.34		
15	256QAM	75	0	19.28	18.92	18.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.74	22.81	22.80		
10	QPSK	1	25	22.79	22.78	22.80	24	0
10	QPSK	1	49	22.58	22.64	22.69		
10	QPSK	25	0	22.70	22.78	22.74		
10	QPSK	25	12	22.75	22.73	22.75	24	0
10	QPSK	25	25	22.56	22.57	22.66		
10	QPSK	50	0	22.80	22.83	22.75		
10	16QAM	1	0	22.65	22.74	22.72		
10	16QAM	1	25	22.77	22.75	22.79	24	0
10	16QAM	1	49	22.58	22.58	22.65		
10	16QAM	25	0	22.64	22.77	22.70		
10	16QAM	25	12	22.71	22.70	22.76	24	0
10	16QAM	25	25	22.51	22.56	22.56		
10	16QAM	50	0	22.72	22.72	22.76		
10	64QAM	1	0	22.66	22.76	22.76		
10	64QAM	1	25	22.74	22.73	22.78	24	0
10	64QAM	1	49	22.54	22.57	22.69		
10	64QAM	25	0	22.69	22.78	22.70		
10	64QAM	25	12	22.71	22.70	22.72	24	0
10	64QAM	25	25	22.54	22.55	22.58		
10	64QAM	50	0	22.76	22.77	22.75		
10	256QAM	1	0	19.26	19.44	19.51		
10	256QAM	1	25	19.12	19.06	19.05	20	4
10	256QAM	1	49	19.43	19.34	19.05		
10	256QAM	25	0	19.09	19.34	19.35		
10	256QAM	25	12	19.25	19.36	19.15	20	4
10	256QAM	25	25	19.27	19.39	18.97		
10	256QAM	50	0	19.18	18.75	19.04		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.72	22.76	22.74		
5	QPSK	1	12	22.75	22.72	22.74	24	0
5	QPSK	1	24	22.56	22.61	22.66		
5	QPSK	12	0	22.65	22.76	22.69		
5	QPSK	12	7	22.70	22.69	22.73	24	0
5	QPSK	12	13	22.52	22.54	22.62		
5	QPSK	25	0	22.77	22.78	22.69		
5	16QAM	1	0	22.63	22.69	22.70		
5	16QAM	1	12	22.73	22.70	22.76	24	0
5	16QAM	1	24	22.55	22.56	22.62		
5	16QAM	12	0	22.58	22.74	22.65		
5	16QAM	12	7	22.69	22.67	22.72	24	0
5	16QAM	12	13	22.49	22.53	22.51		
5	16QAM	25	0	22.68	22.68	22.73		
5	64QAM	1	0	22.60	22.72	22.72		
5	64QAM	1	12	22.69	22.69	22.75	24	0
5	64QAM	1	24	22.50	22.51	22.64		
5	64QAM	12	0	22.64	22.73	22.65		
5	64QAM	12	7	22.66	22.66	22.66	24	0
5	64QAM	12	13	22.50	22.50	22.52		
5	64QAM	25	0	22.72	22.72	22.70		
5	256QAM	1	0	19.24	19.03	19.46		
5	256QAM	1	12	19.06	19.17	19.12	20	4
5	256QAM	1	24	19.37	19.33	19.12		
5	256QAM	12	0	19.11	19.51	19.29		
5	256QAM	12	7	19.22	19.29	19.36	20	4
5	256QAM	12	13	19.19	19.07	19.21		
5	256QAM	25	0	19.32	19.16	19.19		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.69	22.72	22.70		
3	QPSK	1	8	22.71	22.68	22.70	24	0
3	QPSK	1	14	22.51	22.55	22.63		
3	QPSK	8	0	22.59	22.71	22.67		
3	QPSK	8	4	22.68	22.65	22.68	24	0
3	QPSK	8	7	22.48	22.52	22.58		
3	QPSK	15	0	22.72	22.73	22.64		
3	16QAM	1	0	22.59	22.64	22.65		
3	16QAM	1	8	22.68	22.66	22.72	24	0
3	16QAM	1	14	22.53	22.52	22.59		
3	16QAM	8	0	22.56	22.69	22.63		
3	16QAM	8	4	22.64	22.62	22.70	24	0
3	16QAM	8	7	22.47	22.50	22.48		
3	16QAM	15	0	22.63	22.64	22.68		
3	64QAM	1	0	22.56	22.67	22.70		
3	64QAM	1	8	22.66	22.63	22.70	24	0
3	64QAM	1	14	22.46	22.48	22.59		
3	64QAM	8	0	22.59	22.70	22.59		
3	64QAM	8	4	22.62	22.63

Band 26 for FCC Ant0 DSI2 Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.51	22.61	22.52	24	0
15	QPSK	1	37	22.58	22.52	22.60		
15	QPSK	1	74	22.45	22.59	22.56		
15	QPSK	36	0	22.47	22.57	22.48	24	0
15	QPSK	36	20	22.54	22.49	22.53		
15	QPSK	36	39	22.42	22.56	22.52		
15	QPSK	75	0	22.54	22.57	22.56		
15	16QAM	1	0	22.48	22.56	22.46	24	0
15	16QAM	1	37	22.53	22.47	22.55		
15	16QAM	1	74	22.39	22.55	22.52		
15	16QAM	36	0	22.42	22.52	22.43	24	0
15	16QAM	36	20	22.51	22.43	22.52		
15	16QAM	36	39	22.39	22.53	22.49		
15	16QAM	75	0	22.51	22.55	22.53	24	0
15	64QAM	1	0	22.47	22.55	22.47		
15	64QAM	1	37	22.56	22.49	22.57		
15	64QAM	1	74	22.39	22.57	22.54		
15	64QAM	36	0	22.45	22.54	22.45	24	0
15	64QAM	36	20	22.51	22.43	22.52		
15	64QAM	36	39	22.38	22.52	22.49		
15	64QAM	75	0	22.48	22.53	22.56		
15	256QAM	1	0	19.16	19.25	19.17	20	4
15	256QAM	1	37	19.15	19.07	19.22		
15	256QAM	1	74	18.82	18.86	19.04		
15	256QAM	36	0	19.03	18.71	19.18	20	4
15	256QAM	36	20	19.14	19.12	19.15		
15	256QAM	36	39	18.77	18.90	19.09		
15	256QAM	75	0	19.11	19.15	19.09		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.45	22.58	22.48	24	0
10	QPSK	1	25	22.53	22.50	22.55		
10	QPSK	1	49	22.42	22.55	22.54		
10	QPSK	25	0	22.41	22.54	22.45	24	0
10	QPSK	25	12	22.49	22.43	22.53		
10	QPSK	25	25	22.36	22.50	22.47		
10	QPSK	50	0	22.51	22.53	22.52		
10	16QAM	1	0	22.42	22.51	22.42	24	0
10	16QAM	1	25	22.48	22.42	22.49		
10	16QAM	1	49	22.36	22.51	22.48		
10	16QAM	25	0	22.40	22.49	22.40	24	0
10	16QAM	25	12	22.47	22.39	22.47		
10	16QAM	25	25	22.34	22.49	22.46		
10	16QAM	50	0	22.48	22.52	22.49		
10	64QAM	1	0	22.42	22.50	22.44	24	0
10	64QAM	1	25	22.51	22.44	22.51		
10	64QAM	1	49	22.34	22.51	22.50		
10	64QAM	25	0	22.43	22.49	22.39	24	0
10	64QAM	25	12	22.47	22.38	22.48		
10	64QAM	25	25	22.35	22.47	22.44		
10	64QAM	50	0	22.42	22.50	22.50		
10	256QAM	1	0	18.96	18.87	19.12	20	4
10	256QAM	1	25	18.99	19.01	18.85		
10	256QAM	1	49	18.76	18.65	19.03		
10	256QAM	25	0	18.80	18.96	19.00	20	4
10	256QAM	25	12	19.13	19.29	19.23		
10	256QAM	25	25	18.94	19.07	18.84		
10	256QAM	50	0	19.00	19.27	19.05		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.41	22.53	22.44	24	0
5	QPSK	1	12	22.49	22.46	22.52		
5	QPSK	1	24	22.36	22.49	22.51		
5	QPSK	12	0	22.36	22.51	22.41	24	0
5	QPSK	12	7	22.45	22.40	22.48		
5	QPSK	12	13	22.30	22.47	22.44		
5	QPSK	25	0	22.46	22.50	22.49	24	0
5	16QAM	1	0	22.39	22.45	22.38		
5	16QAM	1	12	22.44	22.39	22.44		
5	16QAM	1	24	22.33	22.46	22.45		
5	16QAM	12	0	22.36	22.44	22.37	24	0
5	16QAM	12	7	22.43	22.36	22.44		
5	16QAM	12	13	22.31	22.45	22.40		
5	16QAM	25	0	22.44	22.49	22.44		
5	64QAM	1	0	22.39	22.47	22.40	24	0
5	64QAM	1	12	22.49	22.42	22.48		
5	64QAM	1	24	22.29	22.49	22.45		
5	64QAM	12	0	22.40	22.46	22.34	24	0
5	64QAM	12	7	22.44	22.33	22.43		
5	64QAM	12	13	22.32	22.44	22.38		
5	64QAM	25	0	22.37	22.46	22.44		
5	256QAM	1	0	18.89	18.94	19.17	20	4
5	256QAM	1	12	19.23	19.16	19.12		
5	256QAM	1	24	18.96	18.93	19.10		
5	256QAM	12	0	18.99	18.65	19.11	20	4
5	256QAM	12	7	18.96	18.93	19.06		
5	256QAM	12	13	18.89	18.93	18.77		
5	256QAM	25	0	18.96	19.27	18.81		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.51	22.41	24	0
3	QPSK	1	8	22.43	22.43	22.48		
3	QPSK	1	14	22.38	22.49	22.44		
3	QPSK	8	0	22.35	22.46	22.37	24	0
3	QPSK	8	4	22.40	22.34	22.46		
3	QPSK	8	7	22.30	22.44	22.37		
3	QPSK	15	0	22.43	22.44	22.44		
3	16QAM	1	0	22.32	22.40	22.33	24	0
3	16QAM	1	8	22.38	22.34	22.42		
3	16QAM	1	14	22.26	22.41	22.40		
3	16QAM	8	0	22.33	22.42	22.30	24	0
3	16QAM	8	4	22.41	22.33	22.39		
3	16QAM	8	7	22.27	22.39	22.39		
3	16QAM	15	0	22.42	22.45	22.42		
3	64QAM	1	0	22.35	22.38	22.37	24	0
3	64QAM	1	8	22.43	22.39	22.43		
3	64QAM	1	14	22.25	22.42	22.44		
3	64QAM	8	0	22.35	22.38	22.33	24	0
3	64QAM	8	4	22.39	22.31	22.38		
3	64QAM	8	7	22.27	22.39	22.37		
3	64QAM	15	0	22.36	22.39	22.42		
3	256QAM	1	0	18.79	19.06	18.94	20	4
3	256QAM	1	8	19.02	19.26	19.13		
3	256QAM	1	14	18.86	19.07	19.03		
3	256QAM	8	0	18.85	18.88	19.19	20	4
3	256QAM	8	4	19.25	19.27	19.05		
3	256QAM	8	7	18.91	18.97	18.89		
3	256QAM	15	0	19.15	18.98	19.20		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.35	22.47	22.36	24	0
1.4	QPSK	1	3	22.43	22.40	22.39		
1.4	QPSK	1	5	22.31	22.44	22.39		
1.4	QPSK	3	0	22.31	22.38	22.34		
1.4	QPSK	3	1	22.33	22.27	22.43		
1.4	QPSK	3	3	22.22	22.36	22.33		
1.4	QPSK	6	0	22.38	22.42	22.39	24	0
1.4	16QAM	1	0	22.30	22.38	22.28	24	0
1.4	16QAM	1	3	22.37	22.31	22.38		
1.4	16QAM	1	5	22.22	22.37	22.35		
1.4	16QAM	3	0	22.30	22.36	22.26		
1.4	16QAM	3	1	22.33	22.25	22.36		
1.4	16QAM	3	3	22.23	22.34	22.33		
1.4	16QAM	6	0	22.37	22.41	22.38	24	0
1.4	64QAM	1	0	22.28	22.35	22.29	24	0
1.4	64QAM	1	3	22.41	22.34	22.39		
1.4	64QAM	1	5	22.20	22.37	22.40		
1.4	64QAM	3	0	22.34	22.34	22.27		
1.4	64QAM	3	1	22.33	22.25	22.38		
1.4	64QAM	3	3	22.22	22.37	22.35		
1.4	64QAM	6	0	22.33	22.39	22.40	24	0
1.4	256QAM	1	0	18.98	19.28	19.29	20	4
1.4	256QAM	1	3	19.15	19.26	19.25		
1.4	256QAM	1	5	18.80	18.87	18.94		
1.4	256QAM	3	0	18.97	18.81	19.06		
1.4	256QAM	3	1	19.17	18.96	18.96		
1.4	256QAM	3	3	18.98	18.79	18.79		
1.4	256QAM	6	0	19.21	18.90	18.81	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.97	23.15	22.89	24	0
20	QPSK	1	49	23.05	23.07	22.84		
20	QPSK	1	99	22.93	22.85	22.86		
20	QPSK	50	0	21.98	22.05	21.92	23	1
20	QPSK	50	24	22.04	22.02	21.90		
20	QPSK	50	50	22.02	21.94	21.84		
20	QPSK	100	0	21.98	22.00	21.89		
20	16QAM	1	0	22.33	22.27	22.30	23	1
20	16QAM	1	49	22.39	22.38	22.24		
20	16QAM	1	99	22.24	22.16	22.03		
20	16QAM	50	0	21.00	21.05	20.95	22	2
20	16QAM	50	24	21.09	21.05	20.95		
20	16QAM	50	50	21.06	20.96	20.85		
20	16QAM	100	0	21.07	21.00	20.90		
20	64QAM	1	0	22.24	22.17	22.17	23	1
20	64QAM	1	49	22.23	22.32	22.10		
20	64QAM	1	99	22.15	22.03	21.97		
20	64QAM	50	0	20.99	21.06	20.96	22	2
20	64QAM	50	24	21.09	21.05	20.94		
20	64QAM	50	50	21.05	20.94	20.85		
20	64QAM	100	0	21.06	21.00	20.91		
20	256QAM	1	0	18.26	18.31	18.33	19	5
20	256QAM	1	49	18.13	18.46	18.07		
20	256QAM	1	99	18.30	18.24	18.01		
20	256QAM	50	0	18.07	18.20	18.27	19	5
20	256QAM	50	24	17.97	17.98	17.96		
20	256QAM	50	50	18.37	18.35	17.87		
20	256QAM	100	0	18.65	18.65	18.52		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.97	23.09	22.86	24	0
15	QPSK	1	37	23.07	23.09	22.86		
15	QPSK	1	74	22.94	22.90	22.69		
15	QPSK	36	0	22.00	22.06	21.92	23	1
15	QPSK	36	20	22.09	22.05	21.89		
15	QPSK	36	39	22.04	21.96	21.82		
15	QPSK	75	0	22.06	22.01	21.91		
15	16QAM	1	0	22.31	22.31	22.27	23	1
15	16QAM	1	37	22.40	22.51	22.25		
15	16QAM	1	74	22.16	22.19	22.06		
15	16QAM	36	0	21.03	21.07	20.95	22	2
15	16QAM	36	20	21.11	21.05	20.93		
15	16QAM	36	39	21.06	20.97	20.85		
15	16QAM	75	0	21.07	21.04	20.90		
15	64QAM	1	0	22.14	22.16	22.07	23	1
15	64QAM	1	37	22.22	22.23	22.08		
15	64QAM	1	74	22.01	22.03	21.95		
15	64QAM	36	0	21.02	21.05	20.97	22	2
15	64QAM	36	20	21.07	21.00	20.93		
15	64QAM	36	39	21.06	20.95	20.84		
15	64QAM	75	0	21.06	21.05	20.91		
15	256QAM	1	0	18.26	18.55	18.14	19	5
15	256QAM	1	37	18.26	18.55	18.14		
15	256QAM	1	74	18.26	18.55	18.14		
15	256QAM	36	0	18.26	18.55	18.14	19	5
15	256QAM	36	20	18.26	18.55	18.14		
15	256QAM	36	39	18.26	18.55	18.14		
15	256QAM	75	0	18.26	18.55	18.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.08	23.08	22.95	24	0
10	QPSK	1	25	23.06	23.10	22.96		
10	QPSK	1	49	23.04	23.03	22.83		
10	QPSK	25	0	22.14	22.16	22.18	23	1
10	QPSK	25	12	22.21	22.18	22.57		
10	QPSK	25	25	22.16	22.12	22.13		
10	QPSK	50	0	22.19	22.17	21.98	23	1
10	16QAM	1	0	22.48	22.54	22.26		
10	16QAM	1	25	22.50	22.53	22.23		
10	16QAM	1	49	22.40	22.40	22.14		
10	16QAM	25	0	21.20	21.22	21.02	22	2
10	16QAM	25	12	21.25	21.20	21.05		
10	16QAM	25	25	21.22	21.12	20.97		
10	16QAM	50	0	21.22	21.19	21.01		
10	64QAM	1	0	22.28	22.28	22.08	23	1
10	64QAM	1	25	22.39	22.31	22.07		
10	64QAM	1	49	22.24	22.15	21.96		
10	64QAM	25	0	21.17	21.20	21.03	22	2
10	64QAM	25	12	21.25	21.22	21.06		
10	64QAM	25	25	21.21	21.16	20.99		
10	64QAM	50	0	21.21	21.18	21.04		
10	256QAM	1	0	18.15	18.25	18.46	19	5
10	256QAM	1	25	17.96	18.20	18.13		
10	256QAM	1	49	18.06	18.16	17.99		
10	256QAM	25	0	17.98	18.01	18.32	19	5
10	256QAM	25	12	17.98	18.13	18.08		
10	256QAM	25	25	18.31	18.38	17.94		
10	256QAM	50	0	18.35	18.38	18.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.12	23.10	22.94	24	0
5	QPSK	1	12	23.07	23.09	22.94		
5	QPSK	1	24	23.10	23.04	22.90		
5	QPSK	12	0	22.16	22.15	21.96	23	1
5	QPSK	12	7	22.17	22.18	22.00		
5	QPSK	12	13	22.16	22.18	21.92		
5	QPSK	25	0	22.15	22.12	21.97		
5	16QAM	1	0	22.46	22.54	22.33	23	1
5	16QAM	1	12	22.53	22.50	22.36		
5	16QAM	1	24	22.44	22.44	22.25		
5	16QAM	12	0	21.21	21.22	21.01	22	2
5	16QAM	12	7	21.25	21.18	21.02		
5	16QAM	12	13	21.22	21.22	21.00		
5	16QAM	25	0	21.21	21.14	20.99		
5	64QAM	1	0	22.31	22.38	22.06	23	1
5	64QAM	1	12	22.43	22.50	22.13		
5	64QAM	1	24	22.24	22.31	22.09		
5	64QAM	12	0	21.25	21.17	20.99	22	2
5	64QAM	12	7	21.23	21.16	21.05		
5	64QAM	12	13	21.21	21.22	20.97		
5	64QAM	25	0	21.17	21.14	20.98		
5	256QAM	1	0	18.00	18.25	18.25	19	5
5	256QAM	1	12	18.32	18.31	18.13		
5	256QAM	1	24	18.25	18.20	18.07		
5	256QAM	12	0	18.41	18.09	18.27	19	5
5	256QAM	12	7	18.14	18.35	18.44		
5	256QAM	12	13	18.31	18.40	18.59		
5	256QAM	25	0	18.46	18.46	18.73		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.07	22.97	24	0
3	QPSK	1	8	23.05	23.02	23.10		
3	QPSK	1	14	23.03	23.11	22.85		
3	QPSK	8	0	22.16	22.12	21.87	23	1
3	QPSK	8	4	22.15	22.23	21.90		
3	QPSK	8	7	22.15	22.17	21.87		
3	QPSK	15	0	22.16	22.11	21.90		
3	16QAM	1	0	22.45	22.37	22.14	23	1
3	16QAM	1	8	22.45	22.57	22.31		
3	16QAM	1	14	22.46	22.45	22.09		
3	16QAM	8	0	21.26	21.18	21.01	22	2
3	16QAM	8	4	21.26	21.28	20.99		
3	16QAM	8	7	21.21	21.22	20.97		
3	16QAM	15	0	21.19	21.15	20.96		
3	64QAM	1	0	22.30	22.27	21.94	23	1
3	64QAM	1	8	22.27	22.35	22.10		
3	64QAM	1	14	22.25	22.26	21.93		
3	64QAM	8	0	21.23	21.16	20.97	22	2
3	64QAM	8	4	21.24	21.24	21.00		
3	64QAM	8	7	21.18	21.22	20.94		
3	64QAM	15	0	21.18	21.14	20.93		
3	256QAM	1	0	18.25	18.16	18.47	19	5
3	256QAM	1	8	18.31	18.60	18.58		
3	256QAM	1	14	18.14	18.30	18.18		
3	256QAM	8	0	18.09	18.03	18.07	19	5
3	256QAM	8	4	18.31	18.28	18.15		
3	256QAM	8	7	18.04	18.24	17.82		
3	256QAM	15	0	18.51	18.40	18.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.10	23.12	22.77	24	0
1.4	QPSK	1	3	23.06	23.04	22.85		
1.4	QPSK	1	5	23.11	23.13	22.83		
1.4	QPSK	3	0	23.05	23.07	22.89		
1.4	QPSK	3	1	23.14	23.06	22.92		
1.4	QPSK	3	3	23.13	23.05	22.91		
1.4	QPSK	6	0	22.12	22.18	21.91	24	0
1.4	16QAM	1	0	22.43	22.42	22.22	24	0
1.4	16QAM	1	3	22.49	22.56	22.25		
1.4	16QAM	1	5	22.44	22.53	22.20		
1.4	16QAM	3	0	22.30	22.34	22.09		
1.4	16QAM	3	1	22.31	22.37	22.11		
1.4	16QAM	3	3	22.30	22.35	22.05		
1.4	16QAM	6	0	21.22	21.27	20.97	24	0
1.4	64QAM	1	0	22.31	22.27	22.05	24	0
1.4	64QAM	1	3	22.29	22.27	22.05		
1.4	64QAM	1	5	22.24	22.34	21.97		
1.4	64QAM	3	0	22.27	22.26	22.02		
1.4	64QAM	3	1	22.23	22.27	22.04		
1.4	64QAM	3	3	22.23	22.24	21.96		
1.4	64QAM	6	0	21.17	21.23	20.96	24	0
1.4	256QAM	1	0	18.45	18.16	18.19	20	4
1.4	256QAM	1	3	18.17	18.45	18.29		
1.4	256QAM	1	5	18.36	18.26	18.05		
1.4	256QAM	3	0	18.10	18.08	18.37		
1.4	256QAM	3	1	18.14	18.28	18.29		
1.4	256QAM	3	3	18.35	18.27	18.17		
1.4	256QAM	6	0	18.31	18.50	18.31	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.23	23.49	23.26	24	0
20	QPSK	1	49	23.42	23.42	23.30		
20	QPSK	1	99	23.36	23.35	23.30		
20	QPSK	50	0	23.17	23.43	23.22	24	0
20	QPSK	50	24	23.26	23.37	23.26		
20	QPSK	50	50	23.34	23.32	23.27		
20	QPSK	100	0	23.27	23.39	23.34		
20	16QAM	1	0	23.37	23.46	23.21	24	0
20	16QAM	1	49	23.37	23.37	23.24		
20	16QAM	1	99	23.33	23.31	23.25		
20	16QAM	50	0	23.12	23.40	23.16	24	0
20	16QAM	50	24	23.34	23.37	23.23		
20	16QAM	50	50	23.31	23.28	23.21		
20	16QAM	100	0	23.23	23.23	23.30		
20	64QAM	1	0	23.14	23.43	23.17	24	0
20	64QAM	1	49	23.32	23.33	23.19		
20	64QAM	1	99	23.29	23.27	23.20		
20	64QAM	50	0	23.10	23.36	23.12	24	0
20	64QAM	50	24	23.29	23.31	23.18		
20	64QAM	50	50	23.25	23.24	23.15		
20	64QAM	100	0	23.20	23.20	23.28		
20	256QAM	1	0	21.25	21.39	21.32	22	2
20	256QAM	1	49	21.22	20.96	21.24		
20	256QAM	1	99	21.00	21.23	21.19		
20	256QAM	50	0	21.02	21.28	21.28	22	2
20	256QAM	50	24	21.43	21.49	21.34		
20	256QAM	50	50	21.48	21.39	21.18		
20	256QAM	100	0	21.20	20.91	21.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.19	23.47	23.24	24	0
15	QPSK	1	37	23.38	23.39	23.26		
15	QPSK	1	74	23.33	23.32	23.27		
15	QPSK	36	0	23.14	23.39	23.19	24	0
15	QPSK	36	20	23.35	23.38	23.20		
15	QPSK	36	39	23.31	23.28	23.24		
15	QPSK	75	0	23.21	23.24	23.29		
15	16QAM	1	0	23.14	23.40	23.19	24	0
15	16QAM	1	37	23.35	23.33	23.20		
15	16QAM	1	74	23.30	23.27	23.22		
15	16QAM	36	0	23.07	23.38	23.14	24	0
15	16QAM	36	20	23.31	23.31	23.19		
15	16QAM	36	39	23.27	23.24	23.16		
15	16QAM	75	0	23.18	23.19	23.25		
15	64QAM	1	0	23.11	23.39	23.13	24	0
15	64QAM	1	37	23.30	23.29	23.14		
15	64QAM	1	74	23.27	23.23	23.17		
15	64QAM	36	0	23.07	23.32	23.08	24	0
15	64QAM	36	20	23.24	23.25	23.15		
15	64QAM	36	39	23.20	23.19	23.10		
15	64QAM	75	0	23.14	23.18	23.22		
15	256QAM	1	0	21.31	21.07	21.19	22	2
15	256QAM	1	37	21.15	21.19	21.16		
15	256QAM	1	74	21.01	21.17	21.09		
15	256QAM	36	0	21.08	21.43	21.35	22	2
15	256QAM	36	20	21.43	21.53	21.30		
15	256QAM	36	39	21.39	21.27	21.05		
15	256QAM	75	0	21.27	20.93	21.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.42	23.19	24	0
10	QPSK	1	25	23.35	23.33	23.23		
10	QPSK	1	49	23.27	23.29	23.23		
10	QPSK	25	0	23.12	23.36	23.13	24	0
10	QPSK	25	12	23.33	23.35	23.17		
10	QPSK	25	25	23.27	23.23	23.20		
10	QPSK	50	0	23.18	23.20	23.23		
10	16QAM	1	0	23.10	23.34	23.14	24	0
10	16QAM	1	25	23.29	23.31	23.15		
10	16QAM	1	49	23.24	23.21	23.20		
10	16QAM	25	0	23.01	23.34	23.09	24	0
10	16QAM	25	12	23.27	23.26	23.16		
10	16QAM	25	25	23.24	23.21	23.12		
10	16QAM	50	0	23.12	23.16	23.20		
10	64QAM	1	0	23.07	23.37	23.08	24	0
10	64QAM	1	25	23.27	23.26	23.11		
10	64QAM	1	49	23.24	23.17	23.13		
10	64QAM	25	0	23.01	23.28	23.04	24	0
10	64QAM	25	12	23.22	23.19	23.09		
10	64QAM	25	25	23.18	23.16	23.07		
10	64QAM	50	0	23.10	23.12	23.19		
10	256QAM	1	0	21.21	20.77	20.97	22	2
10	256QAM	1	25	20.91	21.12	21.04		
10	256QAM	1	49	21.17	21.16	20.84		
10	256QAM	25	0	21.21	21.34	21.12	22	2
10	256QAM	25	12	21.30	21.48	21.32		
10	256QAM	25	25	21.42	21.57	21.18		
10	256QAM	50	0	20.91	20.96	21.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.39	23.15	24	0
5	QPSK	1	12	23.29	23.28	23.19		
5	QPSK	1	24	23.24	23.26	23.17		
5	QPSK	12	0	23.09	23.32	23.10	24	0
5	QPSK	12	7	23.29	23.32	23.13		
5	QPSK	12	13	23.24	23.19	23.14		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.05	23.29	23.12	24	0
5	16QAM	1	12	23.24	23.25	23.13		
5	16QAM	1	24	23.19	23.18	23.15		
5	16QAM	12	0	22.97	23.29	23.06	24	0
5	16QAM	12	7	23.22	23.24	23.14		
5	16QAM	12	13	23.20	23.18	23.09		
5	16QAM	25	0	23.07	23.14	23.15		
5	64QAM	1	0	23.02	23.32	23.04	24	0
5	64QAM	1	12	23.23	23.24	23.07		
5	64QAM	1	24	23.18	23.14	23.10		
5	64QAM	12	0	22.98	23.24	23.00	24	0
5	64QAM	12	7	23.19	23.14	23.05		
5	64QAM	12	13	23.14	23.11	23.02		
5	64QAM	25	0	23.05	23.07	23.14		
5	256QAM	1	0	20.99	21.37	21.02	22	2
5	256QAM	1	12	21.21	20.91	21.17		
5	256QAM	1	24	21.01	20.97	20.95		
5	256QAM	12	0	21.09	21.02	21.04	22	2
5	256QAM	12	7	21.23	21.42	21.47		
5	256QAM	12	13	21.38	21.18	21.16		
5	256QAM	25	0	20.87	20.94	21.12		

Band 38(only on channel required) PC2 Ant0 DSI2 Power

BW [MHz]	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	26.24	26.41	26.33	27	0
20	QPSK	1	49	26.38	26.35	26.32		
20	QPSK	1	99	26.33	26.27	26.27		
20	QPSK	50	0	26.35	26.39	26.33	27	0
20	QPSK	50	24	26.31	26.34	26.23		
20	QPSK	50	50	26.30	26.27	26.26		
20	QPSK	100	50	26.34	26.36	26.35		
20	16QAM	1	0	26.19	26.37	26.28	27	0
20	16QAM	1	49	26.32	26.32	26.27		
20	16QAM	1	99	26.29	26.23	26.21		
20	16QAM	50	0	26.31	26.29	26.29	27	0
20	16QAM	50	24	26.37	26.33	26.34		
20	16QAM	50	50	26.25	26.22	26.20		
20	16QAM	100	0	26.30	26.22	26.30		
20	64QAM	1	0	26.13	26.34	26.22	27	0
20	64QAM	1	49	26.27	26.27	26.21		
20	64QAM	1	99	26.26	26.20	26.16		
20	64QAM	50	0	26.28	26.23	26.23	27	0
20	64QAM	50	24	26.33	26.30	26.29		
20	64QAM	50	50	26.22	26.20	26.16		
20	64QAM	100	0	26.27	26.19	26.27		
20	256QAM	1	0	24.84	24.68	24.60	25	2
20	256QAM	1	49	24.55	24.63	24.75		
20	256QAM	1	99	24.35	24.51	24.44		
20	256QAM	50	0	24.79	24.63	24.67	25	2
20	256QAM	50	24	24.40	24.43	24.61		
20	256QAM	50	50	24.34	24.63	24.47		
20	256QAM	100	0	24.00	24.20	24.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	26.21	26.36	26.31	27	0
15	QPSK	1	37	26.33	26.31	26.29		
15	QPSK	1	74	26.29	26.25	26.24		
15	QPSK	36	0	26.32	26.28	26.30	27	0
15	QPSK	36	20	26.34	26.32	26.33		
15	QPSK	36	39	26.24	26.22	26.21		
15	QPSK	75	0	26.31	26.21	26.32		
15	16QAM	1	0	26.13	26.33	26.23	27	0
15	16QAM	1	37	26.26	26.30	26.22		
15	16QAM	1	74	26.24	26.20	26.19		
15	16QAM	36	0	26.25	26.26	26.26	27	0
15	16QAM	36	20	26.33	26.30	26.29		
15	16QAM	36	39	26.19	26.17	26.15		
15	16QAM	75	0	26.28	26.18	26.25		
15	64QAM	1	0	26.10	26.31	26.19	27	0
15	64QAM	1	37	26.21	26.21	26.15		
15	64QAM	1	74	26.23	26.16	26.12		
15	64QAM	36	0	26.26	26.18	26.17	27	0
15	64QAM	36	20	26.30	26.28	26.24		
15	64QAM	36	39	26.19	26.17	26.12		
15	64QAM	75	0	26.25	26.17	26.23		
15	256QAM	1	0	24.70	24.77	24.62	25	2
15	256QAM	1	37	24.47	24.70	24.67		
15	256QAM	1	74	24.29	24.33	24.52		
15	256QAM	36	0	24.57	24.59	24.69	25	2
15	256QAM	36	20	24.37	24.29	24.65		
15	256QAM	36	39	24.31	24.46	24.29		
15	256QAM	75	0	24.20	24.40	24.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	26.15	26.32	26.26	27	0
10	QPSK	1	25	26.31	26.27	26.27		
10	QPSK	1	49	26.26	26.19	26.21		
10	QPSK	25	0	26.28	26.24	26.25	27	0
10	QPSK	25	12	26.30	26.29	26.28		
10	QPSK	25	25	26.22	26.16	26.18		
10	QPSK	50	0	26.27	26.17	26.30		
10	16QAM	1	0	26.10	26.31	26.21	27	0
10	16QAM	1	25	26.22	26.24	26.17		
10	16QAM	1	49	26.20	26.18	26.13		
10	16QAM	25	0	26.20	26.23	26.24	27	0
10	16QAM	25	12	26.29	26.27	26.26		
10	16QAM	25	25	26.15	26.13	26.09		
10	16QAM	50	0	26.22	26.15	26.22		
10	64QAM	1	0	26.07	26.28	26.16	27	0
10	64QAM	1	25	26.18	26.18	26.09		
10	64QAM	1	49	26.19	26.10	26.09		
10	64QAM	25	0	26.21	26.12	26.12	27	0
10	64QAM	25	12	26.26	26.25	26.20		
10	64QAM	25	25	26.16	26.14	26.09		
10	64QAM	50	0	26.20	26.12	26.21		
10	256QAM	1	0	24.67	24.39	24.51	25	2
10	256QAM	1	25	24.63	24.51	24.65		
10	256QAM	1	49	24.62	24.61	24.47		
10	256QAM	25	0	24.71	24.41	24.57	25	2
10	256QAM	25	12	24.43	24.35	24.48		
10	256QAM	25	25	24.36	24.52	24.38		
10	256QAM	50	0	24.34	24.52	24.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	26.13	26.29	26.22	27	0
5	QPSK	1	12	26.26	26.22	26.22		
5	QPSK	1	24	26.24	26.15	26.18		
5	QPSK	12	0	26.22	26.19	26.19	27	0
5	QPSK	12	7	26.28	26.25	26.25		
5	QPSK	12	13	26.19	26.11	26.15		
5	QPSK	25	0	26.23	26.12	26.28		
5	16QAM	1	0	26.06	26.26	26.16	27	0
5	16QAM	1	12	26.19	26.21	26.13		
5	16QAM	1	24	26.16	26.14	26.09		
5	16QAM	12	0	26.14	26.18	26.20	27	0
5	16QAM	12	7	26.24	26.21	26.22		
5	16QAM	12	13	26.10	26.09	26.05		
5	16QAM	25	0	26.16	26.12	26.17		
5	64QAM	1	0	26.03	26.24	26.11	27	0
5	64QAM	1	12	26.12	26.14	26.03		
5	64QAM	1	24	26.14	26.08	26.06		
5	64QAM	12	0	26.18	26.07	26.07	27	0
5	64QAM	12	7	26.21	26.20	26.17		
5	64QAM	12	13	26.12	26.10	26.06		
5	64QAM	25	0	26.15	26.09	26.17		
5	256QAM	1	0	24.80	24.65	24.64	25	2
5	256QAM	1	12	24.36	24.55	24.67		
5	256QAM	1	24	24.48	24.41	24.42		
5	256QAM	12	0	24.59	24.60	24.54	25	2
5	256QAM	12	7	24.33	24.45	24.41		
5	256QAM	12	13	24.43	24.45	24.32		
5	256QAM	25	0	24.18	24.32	24.28		

Band 41 (2.6G Band) Ant0 DSI2 Power

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	23.28	23.14	23.64	23.33	23.53	24	0
20	QPSK	1	49	23.22	23.19	23.42	23.30	23.43		
20	QPSK	1	99	23.33	23.32	23.26	23.49	23.49		
20	QPSK	50	0	23.17	23.14	23.35	23.20	23.34	24	0
20	QPSK	50	24	23.28	23.26	23.22	23.33	23.32		
20	QPSK	50	50	23.20	23.26	23.31	23.25	23.33		
20	QPSK	100	0	23.18	23.21	23.34	23.26	23.26		
20	16QAM	1	0	23.21	23.32	23.36	23.06	23.13	24	0
20	16QAM	1	49	23.37	23.09	23.52	23.32	23.52		
20	16QAM	1	99	23.23	23.11	23.52	23.49	23.50		
20	16QAM	50	0	23.11	23.19	23.25	23.21	23.37	24	0
20	16QAM	50	24	23.24	23.34	23.21	23.37	23.48		
20	16QAM	50	50	23.17	23.26	23.34	23.20	23.50		
20	16QAM	100	0	23.25	23.31	23.22	23.20	23.45		
20	64QAM	1	0	23.31	23.07	23.23	23.00	23.19	24	0
20	64QAM	1	49	23.19	23.16	23.38	23.30	23.37		
20	64QAM	1	99	23.23	22.94	23.11	23.19	23.35		
20	64QAM	50	0	23.06	23.22	23.32	23.15	23.32	24	0
20	64QAM	50	24	23.25	23.24	23.41	23.33	23.44		
20	64QAM	50	50	23.13	23.26	23.33	23.28	23.48		
20	64QAM	100	0	23.16	23.21	23.30	23.30	23.45		
20	256QAM	1	0	21.83	21.93	21.90	21.97	22.13	23	1
20	256QAM	1	49	22.10	21.96	21.95	21.99	21.92		
20	256QAM	1	99	22.13	21.98	21.98	21.83	22.16		
20	256QAM	50	0	22.36	22.23	22.09	22.33	22.38	23	1
20	256QAM	50	24	21.94	22.03	21.91	22.20	22.11		
20	256QAM	50	50	22.00	21.93	21.94	21.91	22.15		
20	256QAM	100	0	21.92	21.86	22.06	21.93	21.87		
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	23.42	23.09	23.59	23.28	23.51	24	0
15	QPSK	1	37	23.19	23.17	23.39	23.24	23.39		
15	QPSK	1	74	23.24	23.30	23.21	23.31	23.47		
15	QPSK	36	0	23.12	23.10	23.30	23.16	23.29	24	0
15	QPSK	36	20	23.26	23.22	23.19	23.28	23.46		
15	QPSK	36	39	23.17	23.23	23.30	23.19	23.49		
15	QPSK	75	0	23.16	23.18	23.28	23.22	23.44		
15	16QAM	1	0	23.19	23.12	23.32	23.03	23.07	24	0
15	16QAM	1	37	23.33	23.03	23.49	23.30	23.41		
15	16QAM	1	74	23.11	23.07	23.47	23.37	23.45		
15	16QAM	36	0	23.08	23.16	23.21	23.18	23.34	24	0
15	16QAM	36	20	23.19	23.31	23.18	23.32	23.43		
15	16QAM	36	39	23.14	23.21	23.30	23.17	23.47		
15	16QAM	75	0	23.21	23.26	23.16	23.14	23.40		
15	64QAM	1	0	23.11	22.95	23.15	23.35	23.21	24	0
15	64QAM	1	37	23.14	23.12	23.08	23.27	23.33		
15	64QAM	1	74	23.17	22.89	22.87	23.21	23.27		
15	64QAM	36	0	23.27	23.19	23.27	23.10	23.27	24	0
15	64QAM	36	20	23.21	23.19	23.37	23.28	23.40		
15	64QAM	36	39	23.11	23.22	23.29	23.25	23.18		
15	64QAM	75	0	23.11	23.15	23.27	23.26	23.41		
15	256QAM	1	0	21.82	21.96	21.86	22.12	22.22	23	1
15	256QAM	1	37	21.89	22.09	22.08	21.93	22.06		
15	256QAM	1	74	22.03	21.85	22.09	22.00	22.12		
15	256QAM	36	0	22.26	22.07	21.99	22.23	22.16	23	1
15	256QAM	36	20	21.86	22.17	21.99	22.22	22.01		
15	256QAM	36	39	21.95	21.92	21.87	21.84	22.17		
15	256QAM	75	0	21.87	21.75	22.11	21.98	21.83		
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	23.07	23.38	23.26	23.11	24	0
10	QPSK	1	25	23.13	23.11	23.35	23.20	23.34		
10	QPSK	1	49	23.31	23.27	23.18	23.01	23.42		
10	QPSK	25	0	23.07	23.05	23.25	23.13	23.24	24	0
10	QPSK	25	12	23.24	23.18	23.16	23.26	23.43		
10	QPSK	25	25	23.13	23.18	23.27	23.16	23.46		
10	QPSK	50	0	23.13	23.15	23.23	23.17	23.40		
10	16QAM	1	0	23.17	23.24	23.26	22.98	23.01	24	0
10	16QAM	1	25	23.28	23.01	23.37	23.26	23.31		
10	16QAM	1	49	23.12	23.05	23.43	23.19	23.42		
10	16QAM	25	0	23.05	23.11	23.17	23.15	23.28	24	0
10	16QAM	25	12	23.17	23.28	23.16	23.26	23.37		
10	16QAM	25	25	23.09	23.15	23.27	23.14	23.42		
10	16QAM	50	0	23.18	23.21	23.14	23.08	23.36		
10	64QAM	1	0	23.08	22.93	23.26	23.29	23.19	24	0
10	64QAM	1	25	23.10	23.06	23.35	23.22	23.30		
10	64QAM	1	49	23.11	23.11	23.11	23.37	23.37		
10	64QAM	25	0	23.09	23.15	23.23	23.05	23.24	24	0
10	64QAM	25	12	23.16	23.17	23.35	23.25	23.36		
10	64QAM	25	25	23.08	23.19	23.25	23.22	23.51		
10	64QAM	50	0	23.07	23.09	23.23	23.24	23.36		
10	256QAM	1	0	21.97	21.98	22.05	22.06	21.97	23	1
10	256QAM	1	25	21.91	22.04	22.00	21.86	21.95		
10	256QAM	1	49	22.11	21.95	22.09	21.63	22.06		
10	256QAM	25	0	22.06	22.31	22.21	22.04	22.09	23	1
10	256QAM	25	12	21.99	22.10	22.01	22.11	21.96		
10	256QAM	25	25	21.95	22.00	21.91	21.98	21.94		
10	256QAM	50	0	21.80	21.81	21.95	22.00	21.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.94	23.03	23.18	23.22	22.89	24	0
5	QPSK	1	12	23.08	23.09	23.32	23.17	23.30		
5	QPSK	1	24	23.01	23.22	23.14	22.98	23.28		
5	QPSK	12	0	23.03	23.02	23.20	23.08	23.20	24	0
5	QPSK	12	7	23.22	23.14	23.13	23.21	23.39		
5	QPSK	12	13	23.10	23.13	23.22	23.11	23.41		
5	QPSK	25	0	23.10	23.10	23.21	23.13	23.37	24	0
5	16QAM	1	0	23.11	23.06	23.21	22.95	22.95		
5	16QAM	1	12	23.25	22.95	23.07	23.21	23.27		
5	16QAM	1	24	22.99	23.00	23.24	23.21	23.27		
5	16QAM	12	0	22.99	23.07	23.12	23.12	23.22	24	0
5	16QAM	12	7	23.14	23.23	23.12	23.23	23.35		
5	16QAM	12	13	23.03	23.13	23.22	23.10	23.37		
5	16QAM	25	0	23.12	23.15	23.09	23.06	23.33	24	0
5	64QAM	1	0	23.00	22.98

	Ant1 DSI2 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.81	31.79	31.70	32.50	22.81	22.79	22.70	23.50
GPRS 1 Tx slot	31.95	31.92	31.78	32.50	22.95	22.92	22.78	23.50
GPRS 2 Tx slots	28.17	28.11	28.04	29.50	22.17	22.11	22.04	23.50
GPRS 3 Tx slots	26.65	26.57	26.46	27.70	22.39	22.31	22.20	23.44
GPRS 4 Tx slots	25.11	25.29	25.19	26.50	22.11	22.29	22.19	23.50
EDGE 1 Tx slot	25.45	25.39	25.44	26.00	16.45	16.39	16.44	17.00
EDGE 2 Tx slots	23.75	23.82	23.77	25.00	17.75	17.82	17.77	19.00
EDGE 3 Tx slots	22.52	22.54	22.48	24.00	18.26	18.28	18.22	19.74
EDGE 4 Tx slots	20.48	20.57	20.48	22.00	17.48	17.57	17.48	19.00

		Ant1 DSI2 Power			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.66	23.71	23.77	24.50
3GPP Rel 99	RMC 12.2Kbps	23.67	23.79	23.74	24.50
3GPP Rel 6	HSDPA Subtest-1	22.71	22.79	22.73	24.50
3GPP Rel 6	HSDPA Subtest-2	22.73	22.85	22.80	24.50
3GPP Rel 6	HSDPA Subtest-3	22.19	22.33	22.32	24.00
3GPP Rel 6	HSDPA Subtest-4	22.20	22.30	22.31	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.62	22.57	22.53	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.62	22.70	22.60	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.09	22.15	22.18	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.05	22.11	22.02	24.00
3GPP Rel 6	HSUPA Subtest-1	22.68	22.79	22.74	24.50
3GPP Rel 6	HSUPA Subtest-2	20.70	20.75	20.72	22.50
3GPP Rel 6	HSUPA Subtest-3	21.71	21.73	21.77	23.50
3GPP Rel 6	HSUPA Subtest-4	20.63	20.77	20.75	22.50
3GPP Rel 6	HSUPA Subtest-5	22.70	22.80	22.69	24.50

Band 2 (1900MHz Band) Ant1 DSI2 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.01	17.11	17.03		
20	QPSK	1	49	17.07	17.09	17.02	18.1	0
20	QPSK	1	99	16.97	17.08	17.07		
20	QPSK	50	0	16.99	17.08	17.00		
20	QPSK	50	24	17.04	17.04	17.03	18.1	0
20	QPSK	50	50	16.99	16.97	17.05		
20	QPSK	100	0	17.06	17.10	16.99		
20	16QAM	1	0	17.00	16.86	17.00		
20	16QAM	1	49	17.03	16.99	17.06	18.1	0
20	16QAM	1	99	16.87	16.85	16.90		
20	16QAM	50	0	16.97	16.98	17.07		
20	16QAM	50	24	17.02	17.03	17.02	18.1	0
20	16QAM	50	50	16.99	16.94	17.06		
20	16QAM	100	0	17.03	17.00	17.00		
20	64QAM	1	0	17.01	16.98	17.08		
20	64QAM	1	49	17.03	17.06	17.04	18.1	0
20	64QAM	1	99	17.07	16.91	17.06		
20	64QAM	50	0	16.97	16.96	16.99		
20	64QAM	50	24	17.04	17.00	16.98	18.1	0
20	64QAM	50	50	16.98	16.91	17.04		
20	64QAM	100	0	16.99	16.98	16.97		
20	256QAM	1	0	16.95	16.86	17.04		
20	256QAM	1	49	16.88	16.95	16.97	18.1	0
20	256QAM	1	99	17.03	16.76	16.94		
20	256QAM	50	0	16.91	16.81	16.88		
20	256QAM	50	24	16.91	16.96	16.83	18.1	0
20	256QAM	50	50	16.88	16.84	16.89		
20	256QAM	100	0	16.95	16.88	16.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.02	17.06	17.05	18.1	0
15	QPSK	1	37	17.08	16.98	17.06		
15	QPSK	1	74	16.99	17.05	17.04		
15	QPSK	36	0	16.94	16.99	16.93		
15	QPSK	36	20	16.95	17.00	16.97	18.1	0
15	QPSK	36	39	16.86	16.93	17.03		
15	QPSK	75	0	16.99	17.03	16.96		
15	16QAM	1	0	16.89	16.76	16.92		
15	16QAM	1	37	16.97	16.97	16.99	18.1	0
15	16QAM	1	74	16.75	16.83	16.83		
15	16QAM	36	0	16.83	16.88	16.91		
15	16QAM	36	20	16.97	16.89	16.91	18.1	0
15	16QAM	36	39	16.88	16.87	16.98		
15	16QAM	75	0	16.99	16.93	16.91		
15	64QAM	1	0	16.86	16.87	16.98		
15	64QAM	1	37	16.88	17.02	16.98	18.1	0
15	64QAM	1	74	16.98	16.86	16.92		
15	64QAM	36	0	16.86	16.90	16.89		
15	64QAM	36	20	16.92	16.91	16.82	18.1	0
15	64QAM	36	39	16.93	16.86	16.99		
15	64QAM	75	0	16.89	16.95	16.89		
15	256QAM	1	0	16.83	16.80	16.99		
15	256QAM	1	37	16.79	16.91	16.91	18.1	0
15	256QAM	1	74	17.01	16.86	16.82		
15	256QAM	36	0	16.79	16.72	16.79		
15	256QAM	36	20	16.81	16.82	16.75	18.1	0
15	256QAM	36	39	16.85	16.72	16.87		
15	256QAM	75	0	16.86	16.81	16.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.05	17.11	17.03		
10	QPSK	1	25	17.09	17.07	17.10	18.1	0
10	QPSK	1	49	16.99	17.10	16.99		
10	QPSK	25	0	16.92	17.04	16.93		
10	QPSK	25	12	16.90	17.01	16.94	18.1	0
10	QPSK	25	25	16.85	16.94	17.03		
10	QPSK	50	0	16.94	17.07	16.84		
10	16QAM	1	0	16.91	16.76	16.89		
10	16QAM	1	25	16.99	16.88	16.97	18.1	0
10	16QAM	1	49	16.79	16.91	16.78		
10	16QAM	25	0	16.94	16.84	16.91		
10	16QAM	25	12	17.00	16.91	16.90	18.1	0
10	16QAM	25	25	16.89	16.90	16.94		
10	16QAM	50	0	16.97	16.93	16.84		
10	64QAM	1	0	16.96	16.94	17.04		
10	64QAM	1	25	16.89	16.94	16.99	18.1	0
10	64QAM	1	49	17.01	16.88	16.92		
10	64QAM	25	0	16.86	16.87	16.88		
10	64QAM	25	12	16.91	16.95	16.94	18.1	0
10	64QAM	25	25	16.89	16.87	16.96		
10	64QAM	50	0	16.90	16.87	16.91		
10	256QAM	1	0	16.84	16.73	17.01		
10	256QAM	1	25	16.72	16.87	16.87	18.1	0
10	256QAM	1	49	16.92	16.70	16.88		
10	256QAM	25	0	16.80	16.67	16.85		
10	256QAM	25	12	16.80	16.89	16.80	18.1	0
10	256QAM	25	25	16.73	16.74	16.80		
10	256QAM	50	0	16.88	16.81	16.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.08	17.10	17.08		
5	QPSK	1	12	17.10	17.06	17.06	18.1	0
5	QPSK	1	24	17.04	17.07	17.05		
5	QPSK	12	0	16.95	16.97	16.94		
5	QPSK	12	7	16.90	16.91	16.93	18.1	0
5	QPSK	12	13	16.93	16.91	16.99		
5	QPSK	25	0	17.02	16.96	16.91		
5	16QAM	1	0	16.90	16.83	16.96		
5	16QAM	1	12	16.97	16.93	16.93	18.1	0
5	16QAM	1	24	16.84	16.72	16.74		
5	16QAM	12	0	16.94	16.88	16.95		
5	16QAM	12	7	16.94	16.99	16.98	18.1	0
5	16QAM	12	13	16.86	16.91	16.95		
5	16QAM	25	0	16.92	16.96	16.87		
5	64QAM	1	0	16.93	16.93	16.97		
5	64QAM	1	12	17.01	17.02	16.89	18.1	0
5	64QAM	1	24	16.93	16.85	16.94		
5	64QAM	12	0	16.87	16.85	16.94		
5	64QAM	12	7	16.98	16.95	16.86	18.1	0
5	64QAM	12	13	16.85	16.79	17.01		
5	64QAM	25	0	16.95	16.91	16.88		
5	256QAM	1	0	16.87	16.77	16.98		
5	256QAM	1	12	16.77	16.89	16.92	18.1	0
5	256QAM	1	24	17.00	16.64	16.79		
5	256QAM	12	0	16.78	16.90	16.75		
5	256QAM	12	7	16.83	16.89	16.71	18.1	0
5	256QAM	12	13	16.83	16.79	16.85		
5	256QAM	25	0	16.85	16.75	16.66		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.04	17.09	16.96		
3	QPSK	1	8	17.02	17.00	17.06	18.1	0
3	QPSK	1	14	17.09	17.10	17.02		
3	QPSK	8	0	16.84	17.06	16.84		
3	QPSK	8	4	16.90	16.96	16.88	18.1	0
3	QPSK	8	7	16.89	16.95	16.90		
3	QPSK	15	0	16.97	16.97	16.95		
3	16QAM	1	0	16.84	16.77	16.87		
3	16QAM	1	8	16.98	16.95	16.98	18.1	0
3	16QAM	1	14	16.81	16.83	16.76		
3	16QAM	8	0	16.89	16.90	16.95		
3	16QAM	8	4	16.87	16.95	16.92	18.1	0
3	16QAM	8	7	16.90	16.84	16.98		
3	16QAM	15	0	16.96	16.88	16.87		
3	64QAM	1	0	16.86	16.84	16.95		
3	64QAM	1	8	16.93	16.97	17.01	18.1	0
3	64QAM	1	14	16.98	16.80	16.94		
3	64QAM	8	0	16.91	16.93	16.85		
3	64QAM	8	4	16.99	16.91	16.91	18.1	0
3	64QAM	8	7	16.92	16.76	16.98		
3	64QAM	15	0	16.97	16.84	16.88		
3	256QAM	1	0	16.81	16.82	16.97		
3	256QAM	1	8	16.73	16.80	16.93	18.1	0
3	256QAM	1	14	16.89	16.71	16.92		
3	256QAM	8	0	16.78	16.79	16.74		
3	256QAM	8	4	16.77	16.81	16.75	18.1	0
3	256QAM	8	7	16.74	16.79	16.86		
3	256QAM	15	0	16.87	16.77	16.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.10	17.08	17.07		
1.4	QPSK	1	3	17.05	16.94	17.09		
1.4	QPSK	1	5	17.07	17.09	17.03	18.1	0
1.4	QPSK	3	0	16.85	17.05	16.88		
1.4	QPSK	3	1	17.00	16.94	16.95		
1.4	QPSK	3	3	16.93	16.92	17.00		
1.4	QPSK	6	0	16.97	16.98	16.88	18.1	0
1.4	16QAM	1	0	16.96	16.72	16.89		
1.4	16QAM	1	3	16.98	16.94	16.93		
1.4	16QAM	1	5	16.84	16.77	16.81	18.1	0
1.4	16QAM	3	0	16.87	16.87	16.96		
1.4	16QAM	3	1	16.89	17.00	16.91		
1.4	16QAM	3	3	16.94	16.87	17.00		
1.4	16QAM	6	0	16.99	16.91	16.88	18.1	0
1.4	64QAM	1	0	16.85	16.87	17.03		
1.4	64QAM	1	3	17.01	16.93	16.95		
1.4	64QAM	1	5	17.02	16.86	17.01	18.1	0
1.4	64QAM	3	0	16.86	16.81	16.93		
1.4	64QAM	3	1	16.98	16.92	16.89		
1.4	64QAM	3	3	16.83	16.89	17.02		
1.4	64QAM	6	0	16.95	16.91	16.90	18.1	0
1.4	256QAM	1	0	16.83	16.80	16.95		
1.4	256QAM	1	3	16.73	16.82	16.89		
1.4	256QAM	1	5	17.00	16.68	16.84	18.1	0
1.4	256QAM	3	0	16.77	16.70	16.79		
1.4	256QAM	3	1	16.87	16.86	16.77		
1.4	256QAM	3	3	16.83	16.72	16.81		
1.4	256QAM	6	0	16.83	16.82	16.69	18.1	0

Band 4 (AWS Band) Ant1 DSI2 Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.63	16.77	16.69		
20	QPSK	1	49	16.70	16.75	16.71	17.7	0
20	QPSK	1	99	16.52	16.59	16.60		
20	QPSK	50	0	16.62	16.74	16.68		
20	QPSK	50	24	16.70	16.60	16.59	17.7	0
20	QPSK	50	50	16.61	16.57	16.67		
20	QPSK	100	0	16.64	16.69	16.67		
20	16QAM	1	0	16.59	16.56	16.66		
20	16QAM	1	49	16.64	16.68	16.68	17.7	0
20	16QAM	1	99	16.50	16.54	16.56		
20	16QAM	50	0	16.62	16.58	16.49		
20	16QAM	50	24	16.68	16.65	16.49	17.7	0
20	16QAM	50	50	16.63	16.66	16.51		
20	16QAM	100	0	16.67	16.62	16.57		
20	64QAM	1	0	16.52	16.67	16.55		
20	64QAM	1	49	16.67	16.57	16.64	17.7	0
20	64QAM	1	99	16.65	16.64	16.53		
20	64QAM	50	0	16.63	16.65	16.39		
20	64QAM	50	24	16.67	16.66	16.56	17.7	0
20	64QAM	50	50	16.63	16.67	16.54		
20	64QAM	100	0	16.68	16.63	16.59		
20	256QAM	1	0	16.44	16.42	16.50		
20	256QAM	1	49	16.63	16.47	16.56	17.7	0
20	256QAM	1	99	16.63	16.63	16.42		
20	256QAM	50	0	16.56	16.63	16.30		
20	256QAM	50	24	16.59	16.65	16.50	17.7	0
20	256QAM	50	50	16.64	16.62	16.45		
20	256QAM	100	0	16.57	16.60	16.55		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.57	16.66	16.64		
15	QPSK	1	37	16.60	16.72	16.65	17.7	0
15	QPSK	1	74	16.51	16.49	16.52		
15	QPSK	36	0	16.49	16.63	16.68		
15	QPSK	36	20	16.71	16.59	16.48	17.7	0
15	QPSK	36	39	16.51	16.53	16.64		
15	QPSK	75	0	16.61	16.67	16.61		
15	16QAM	1	0	16.49	16.47	16.57		
15	16QAM	1	37	16.62	16.61	16.56	17.7	0
15	16QAM	1	74	16.41	16.53	16.53		
15	16QAM	36	0	16.58	16.64	16.36		
15	16QAM	36	20	16.57	16.60	16.43	17.7	0
15	16QAM	36	39	16.57	16.54	16.43		
15	16QAM	75	0	16.66	16.58	16.58		
15	64QAM	1	0	16.48	16.36	16.52		
15	64QAM	1	37	16.61	16.58	16.60	17.7	0
15	64QAM	1	74	16.57	16.56	16.40		
15	64QAM	36	0	16.54	16.54	16.32		
15	64QAM	36	20	16.60	16.65	16.47	17.7	0
15	64QAM	36	39	16.61	16.64	16.47		
15	64QAM	75	0	16.60	16.57	16.57		
15	256QAM	1	0	16.33	16.37	16.42		
15	256QAM	1	37	16.63	16.48	16.49	17.7	0
15	256QAM	1	74	16.57	16.63	16.41		
15	256QAM	36	0	16.47	16.64	16.29		
15	256QAM	36	20	16.53	16.63	16.44	17.7	0
15	256QAM	36	39	16.63	16.61	16.34		
15	256QAM	75	0	16.55	16.50	16.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.65	16.66	16.63		
10	QPSK	1	25	16.59	16.74	16.60	17.7	0
10	QPSK	1	49	16.46	16.49	16.61		
10	QPSK	25	0	16.53	16.74	16.58		
10	QPSK	25	12	16.65	16.50	16.55	17.7	0
10	QPSK	25	25	16.52	16.49	16.56		
10	QPSK	50	0	16.64	16.63	16.60		
10	16QAM	1	0	16.48	16.47	16.62		
10	16QAM	1	25	16.53	16.56	16.58	17.7	0
10	16QAM	1	49	16.44	16.45	16.46		
10	16QAM	25	0	16.54	16.60	16.38		
10	16QAM	25	12	16.61	16.54	16.39	17.7	0
10	16QAM	25	25	16.54	16.58	16.48		
10	16QAM	50	0	16.61	16.51	16.47		
10	64QAM	1	0	16.52	16.48	16.55		
10	64QAM	1	25	16.60	16.46	16.57	17.7	0
10	64QAM	1	49	16.63	16.55	16.45		
10	64QAM	25	0	16.63	16.64	16.33		
10	64QAM	25	12	16.58	16.55	16.49	17.7	0
10	64QAM	25	25	16.55	16.57	16.50		
10	64QAM	50	0	16.64	16.64	16.50		
10	256QAM	1	0	16.40	16.38	16.44		
10	256QAM	1	25	16.56	16.36	16.50	17.7	0
10	256QAM	1	49	16.58	16.54	16.43		
10	256QAM	25	0	16.48	16.57	16.24		
10	256QAM	25	12	16.46	16.53	16.41	17.7	0
10	256QAM	25	25	16.62	16.53	16.33		
10	256QAM	50	0	16.51	16.57	16.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.55	16.65	16.57		
5	QPSK	1	12	16.63	16.65	16.66	17.7	0
5	QPSK	1	24	16.47	16.47	16.59		
5	QPSK	12	0	16.50	16.62	16.64		
5	QPSK	12	7	16.57	16.46	16.47	17.7	0
5	QPSK	12	13	16.51	16.46	16.66		
5	QPSK	25	0	16.57	16.61	16.63		
5	16QAM	1	0	16.53	16.43	16.55		
5	16QAM	1	12	16.59	16.53	16.62	17.7	0
5	16QAM	1	24	16.40	16.42	16.51		
5	16QAM	12	0	16.58	16.59	16.43		
5	16QAM	12	7	16.60	16.66	16.47	17.7	0
5	16QAM	12	13	16.56	16.46	16.47		
5	16QAM	25	0	16.61	16.61	16.55		
5	64QAM	1	0	16.47	16.49	16.47		
5	64QAM	1	12	16.61	16.52	16.53	17.7	0
5	64QAM	1	24	16.64	16.44	16.34		
5	64QAM	12	0	16.52	16.56	16.34		
5	64QAM	12	7	16.66	16.55	16.51	17.7	0
5	64QAM	12	13	16.52	16.65	16.53		
5	64QAM	25	0	16.55	16.56	16.50		
5	256QAM	1	0	16.31	16.42	16.40		
5	256QAM	1	12	16.62	16.47	16.44	17.7	0
5	256QAM	1	24	16.57	16.56	16.30		
5	256QAM	12	0	16.47	16.50	16.20		
5	256QAM	12	7	16.54	16.59	16.50	17.7	0
5	256QAM	12	13	16.57	16.49	16.33		
5	256QAM	25	0	16.54	16.57	16.54		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.62	16.69	16.58		
3	QPSK	1	8	16.64	16.70	16.61	17.7	0
3	QPSK	1	14	16.42	16.60	16.58		
3	QPSK	8	0	16.54	16.75	16.59		
3	QPSK	8	4	16.58	16.51	16.49	17.7	0
3	QPSK	8	7	16.49	16.51	16.61		
3	QPSK	15	0	16.55	16.63	16.61		
3	16QAM	1	0	16.58	16.45	16.66		
3	16QAM	1	8	16.57	16.67	16.61	17.7	0
3	16QAM	1	14	16.49	16.43	16.55		
3	16QAM	8	0	16.57	16.56	16.46		
3	16QAM	8	4	16.62	16.62	16.43	17.7	0
3	16QAM	8	7	16.61	16.65	16.50		
3	16QAM	15	0	16.67	16.57	16.45		
3	64QAM	1	0	16.44	16.43	16.52		
3	64QAM	1	8	16.56	16.54	16.57	17.7	0
3	64QAM	1	14	16.58	16.52	16.50		
3	64QAM	8	0	16.62	16.59	16.40		
3	64QAM	8	4	16.65	16.57	16.56	17.7	0
3	64QAM	8	7	16.60	16.56	16.45		
3	64QAM	15	0	16.62	16.61	16.56		
3	256QAM	1	0	16.39	16.35	16.40		
3	256QAM	1	8	16.57	16.42	16.56	17.7	0
3	256QAM	1	14	16.60	16.50	16.42		
3	256QAM	8	0	16.56	16.55	16.31		
3	256QAM	8	4	16.59	16.55	16.47	17.7	0
3	256QAM	8	7	16.58	16.58	16.43		
3	256QAM	15	0	16.48	16.48	16.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.60	16.65	16.67		
1.4	QPSK	1	3	16.59	16.72	16.67		
1.4	QPSK	1	5	16.50	16.52	16.51	17.7	0
1.4	QPSK	3	0	16.53	16.70	16.67		
1.4	QPSK	3	1	16.62	16.59	16.54		
1.4	QPSK	3	3	16.58	16.46	16.63		
1.4	QPSK	6	0	16.63	16.60	16.58	17.7	0
1.4	16QAM	1	0	16.49	16.55	16.62		
1.4	16QAM	1	3	16.60	16.67	16.60		
1.4	16QAM	1	5	16.42	16.49	16.51	17.7	0
1.4	16QAM	3	0	16.57	16.65	16.36		
1.4	16QAM	3	1	16.67	16.64	16.37		
1.4	16QAM	3	3	16.57	16.59	16.42		
1.4	16QAM	6	0	16.56	16.54	16.50	17.7	0
1.4	64QAM	1	0	16.45	16.44	16.47		
1.4	64QAM	1	3	16.63	16.56	16.58		
1.4	64QAM	1	5	16.53	16.56	16.41	17.7	0
1.4	64QAM	3	0	16.55	16.55	16.33		
1.4	64QAM	3	1	16.63	16.58	16.44		
1.4	64QAM	3	3	16.55	16.55	16.47		
1.4	64QAM	6	0	16.64	16.62	16.47	17.7	0
1.4	256QAM	1	0	16.36	16.38	16.46		
1.4	256QAM	1	3	16.51	16.45	16.48		
1.4	256QAM	1	5	16.53	16.59	16.40	17.7	0
1.4	256QAM	3	0	16.55	16.52	16.23		
1.4	256QAM	3	1	16.56	16.56	16.48		
1.4	256QAM	3	3	16.54	16.53	16.45		
1.4	256QAM	6	0	16.58	16.49	16.46	17.7	0

Band 5 (Celluar Band) Ant1 DSI2 Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.35	22.08		
10	QPSK	1	25	22.15	22.08	22.19	23.4	0
10	QPSK	1	49	22.04	22.11	22.10		
10	QPSK	25	0	22.19	22.33	22.30		
10	QPSK	25	12	22.28	22.22	22.32	23.4	0
10	QPSK	25	25	22.24	22.23	22.26		
10	QPSK	50	0	22.21	22.24	22.24		
10	16QAM	1	0	22.18	22.32	22.04		

Band 12 (700MHz Low Band) Ant1 DSI2 Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.41	22.67	22.57		
10	QPSK	1	25	22.44	22.49	22.62	24	0
10	QPSK	1	49	22.50	22.58	22.49		
10	QPSK	25	0	22.48	22.65	22.54		
10	QPSK	25	12	22.64	22.63	22.63	24	0
10	QPSK	25	25	22.60	22.64	22.60		
10	QPSK	50	0	22.62	22.63	22.61		
10	16QAM	1	0	22.56	22.62	22.53		
10	16QAM	1	25	22.42	22.45	22.60	24	0
10	16QAM	1	49	22.46	22.55	22.46		
10	16QAM	25	0	22.45	22.48	22.49		
10	16QAM	25	12	22.59	22.59	22.62	24	0
10	16QAM	25	25	22.55	22.61	22.54		
10	16QAM	50	0	22.59	22.55	22.56		
10	64QAM	1	0	22.55	22.62	22.55		
10	64QAM	1	25	22.42	22.47	22.60	24	0
10	64QAM	1	49	22.46	22.53	22.44		
10	64QAM	25	0	21.55	21.51	21.44		
10	64QAM	25	12	21.48	21.50	21.74	23	1
10	64QAM	25	25	21.50	21.73	21.54		
10	64QAM	50	0	21.61	21.49	21.54		
10	256QAM	1	0	20.39	20.36	20.20		
10	256QAM	1	25	20.27	20.35	20.42	22	2
10	256QAM	1	49	20.32	20.58	20.24		
10	256QAM	25	0	20.57	20.47	20.42		
10	256QAM	25	12	20.52	20.51	20.65	22	2
10	256QAM	25	25	20.45	20.84	20.52		
10	256QAM	50	0	20.68	20.57	20.46		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.36	22.61	22.53		
5	QPSK	1	12	22.40	22.46	22.60	24	0
5	QPSK	1	24	22.44	22.53	22.45		
5	QPSK	12	0	22.44	22.49	22.52		
5	QPSK	12	7	22.59	22.59	22.63	24	0
5	QPSK	12	13	22.55	22.61	22.55		
5	QPSK	25	0	22.56	22.54	22.56		
5	16QAM	1	0	22.54	22.58	22.51		
5	16QAM	1	12	22.36	22.40	22.55	24	0
5	16QAM	1	24	22.41	22.53	22.45		
5	16QAM	12	0	22.43	22.42	22.43		
5	16QAM	12	7	22.54	22.54	22.58	24	0
5	16QAM	12	13	22.52	22.59	22.49		
5	16QAM	25	0	22.53	22.52	22.54		
5	64QAM	1	0	22.52	22.56	22.53		
5	64QAM	1	12	22.37	22.41	22.57	24	0
5	64QAM	1	24	22.42	22.49	22.42		
5	64QAM	12	0	21.49	21.43	21.37		
5	64QAM	12	7	21.55	21.51	21.49	23	1
5	64QAM	12	13	21.58	21.48	21.61		
5	64QAM	25	0	21.60	21.55	21.51		
5	256QAM	1	0	20.31	20.20	20.35		
5	256QAM	1	12	20.39	20.26	20.40	22	2
5	256QAM	1	24	20.30	20.40	20.44		
5	256QAM	12	0	20.42	20.43	20.43		
5	256QAM	12	7	20.62	20.45	20.51	22	2
5	256QAM	12	13	20.61	20.51	20.61		
5	256QAM	25	0	20.59	20.63	20.55		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.30	22.56	22.49		
3	QPSK	1	8	22.37	22.40	22.57	24	0
3	QPSK	1	14	22.40	22.51	22.41		
3	QPSK	8	0	22.39	22.45	22.48		
3	QPSK	8	4	22.53	22.56	22.59	24	0
3	QPSK	8	7	22.52	22.56	22.52		
3	QPSK	15	0	22.53	22.51	22.52		
3	16QAM	1	0	22.51	22.56	22.47		
3	16QAM	1	8	22.32	22.34	22.50	24	0
3	16QAM	1	14	22.38	22.50	22.41		
3	16QAM	8	0	22.38	22.38	22.37		
3	16QAM	8	4	22.49	22.48	22.53	24	0
3	16QAM	8	7	22.47	22.56	22.46		
3	16QAM	15	0	22.49	22.48	22.51		
3	64QAM	1	0	22.47	22.52	22.49		
3	64QAM	1	8	22.34	22.38	22.52	24	0
3	64QAM	1	14	22.40	22.44	22.36		
3	64QAM	8	0	21.27	21.30	21.26		
3	64QAM	8	4	21.47	21.44	21.50	23	1
3	64QAM	8	7	21.48	21.50	21.57		
3	64QAM	15	0	21.43	21.60	21.55		
3	256QAM	1	0	20.06	20.08	20.15		
3	256QAM	1	8	20.14	20.26	20.24	22	2
3	256QAM	1	14	20.22	20.31	20.39		
3	256QAM	8	0	20.37	20.32	20.28		
3	256QAM	8	4	20.37	20.47	20.46	22	2
3	256QAM	8	7	20.40	20.53	20.47		
3	256QAM	15	0	20.52	20.49	20.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.52	22.45		
1.4	QPSK	1	3	22.33	22.37	22.52		
1.4	QPSK	1	5	22.37	22.46	22.35		
1.4	QPSK	3	0	22.36	22.41	22.43	24	0
1.4	QPSK	3	1	22.47	22.52	22.57		
1.4	QPSK	3	3	22.50	22.54	22.48		
1.4	QPSK	6	0	22.49	22.45	22.46	24	0
1.4	16QAM	1	0	22.48	22.52	22.45		
1.4	16QAM	1	3	22.27	22.29	22.45		
1.4	16QAM	1	5	22.35	22.45	22.38	24	0
1.4	16QAM	3	0	22.33	22.35	22.32		
1.4	16QAM	3	1	22.45	22.44	22.50		
1.4	16QAM	3	3	22.45	22.54	22.41		
1.4	16QAM	6	0	22.44	22.44	22.47	24	0
1.4	64QAM	1	0	22.44	22.47	22.45		
1.4	64QAM	1	3	22.31	22.36	22.48		
1.4	64QAM	1	5	22.36	22.39	22.30	24	0
1.4	64QAM	3	0	22.21	22.40	22.23		
1.4	64QAM	3	1	22.55	22.35	22.58		
1.4	64QAM	3	3	22.57	22.66	22.37		
1.4	64QAM	6	0	21.54	21.33	21.52	23	1
1.4	256QAM	1	0	20.33	20.23	20.01		
1.4	256QAM	1	3	20.45	20.08	20.36		
1.4	256QAM	1	5	20.40	20.40	20.24	22	2
1.4	256QAM	3	0	20.28	20.42	20.19		
1.4	256QAM	3	1	20.66	20.27	20.53		
1.4	256QAM	3	3	20.53	20.67	20.45		
1.4	256QAM	6	0	20.51	20.28	20.47	22	2

Band 13(700MHz Band) Ant1 DSI2 Power Part 27F

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		22.48			
10	QPSK	1	25		22.16		23	0
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.19			
10	QPSK	25	12		22.15		23	0
10	QPSK	25	25		22.17			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.44			
10	16QAM	1	25		22.34		23	0
10	16QAM	1	49		22.42			
10	16QAM	25	0		21.44			
10	16QAM	25	12		21.62		23	0
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.58			
10	64QAM	1	0		22.01			
10	64QAM	1	25		22.05		23	0
10	64QAM	1	49		22.08			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.70		22	1
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.58			
10	256QAM	1	0		20.60			
10	256QAM	1	25		20.44		21	2
10	256QAM	1	49		20.40			
10	256QAM	25	0		20.51			
10	256QAM	25	12		20.55		21	2
10	256QAM	25	25		20.45			
10	256QAM	50	0		20.53			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.35	22.28	22.38		
5	QPSK	1	12	22.41	22.17	22.16	23	0
5	QPSK	1	24	22.17	22.16	22.34		
5	QPSK	12	0	22.16	22.02	22.01		
5	QPSK	12	7	22.05	22.08	22.25	23	0
5	QPSK	12	13	22.09	22.16	22.12		
5	QPSK	25	0	22.05	22.03	22.11		
5	16QAM	1	0	22.36	22.14	22.40		
5	16QAM	1	12	22.47	22.46	22.46	23	0
5	16QAM	1	24	22.00	22.06	22.04		
5	16QAM	12	0	21.31	21.34	21.80		
5	16QAM	12	7	21.35	21.65	21.51	23	0
5	16QAM	12	13	21.42	21.54	21.60		
5	16QAM	25	0	21.26	21.59	21.56		
5	64QAM	1	0	22.22	22.15	22.24		
5	64QAM	1	12	22.27	22.29	22.16	23	0
5	64QAM	1	24	22.26	22.44	22.08		
5	64QAM	12	0	21.36	21.34	21.64		
5	64QAM	12	7	21.36	21.57	21.60	22	1
5	64QAM	12	13	21.24	21.67	21.38		
5	64QAM	25	0	21.27	21.45	21.31		
5	256QAM	1	0	20.38	20.24	20.31		
5	256QAM	1	12	20.31	20.20	20.32	21	2
5	256QAM	1	24	20.35	20.36	20.50		
5	256QAM	12	0	20.43	20.38	20.32		
5	256QAM	12	7	20.33	20.20	20.50	21	2
5	256QAM	12	13	20.45	20.17	20.48		
5	256QAM	25	0	20.24	20.25	20.40		

Band 17 (700MHz Band) Ant1 DSI2 Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.43	22.59	22.47		
10	QPSK	1	25	22.52	22.47	22.56	24	0
10	QPSK	1	49	22.42	22.41	22.37		
10	QPSK	25	0	22.37	22.53	22.42		
10	QPSK	25	12	22.48	22.47	22.50	24	0
10	QPSK	25	25	22.49	22.42	22.52		
10	QPSK	50	0	22.36	22.50	22.47		
10	16QAM	1	0	22.40	22.55	22.45		
10	16QAM	1	25	22.49	22.44	22.51	24	0
10	16QAM	1	49	22.39	22.37	22.33		
10	16QAM	25	0	22.34	22.39	22.36		
10	16QAM	25	12	22.54	22.54	22.45	24	0
10	16QAM	25	25	22.44	22.37	22.48		
10	16QAM	50	0	22.30	22.36	22.43		
10	64QAM	1	0	22.41	22.56	22.42		
10	64QAM	1	25	22.49	22.41	22.54	24	0
10	64QAM	1	49	22.40	22.38	22.35		
10	64QAM	25	0	22.31	22.37	22.37		
10	64QAM	25	12	22.54	22.52	22.47	24	0
10	64QAM	25	25	22.47	22.38	22.47		
10	64QAM	50	0	22.34	22.35	22.45		
10	256QAM	1	0	20.51	20.60	20.75		
10	256QAM	1	25	20.88	20.86	20.72	22	2
10	256QAM	1	49	20.68	20.64	20.69		
10	256QAM	25	0	20.35	20.42	20.46		
10	256QAM	25	12	20.64	20.56	20.57	22	2
10	256QAM	25	25	20.36	20.37	20.58		
10	256QAM	50	0	20.38	20.42	20.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.57	22.43		
5	QPSK	1	12	22.46	22.41	22.52	24	0
5	QPSK	1	24	22.36	22.36	22.32		
5	QPSK	12	0	22.33	22.39	22.37		
5	QPSK	12	7	22.54	22.54	22.47	24	0
5	QPSK	12	13	22.44	22.37	22.47		
5	QPSK	25	0	22.31	22.36	22.45		
5	16QAM	1	0	22.36	22.52	22.41		
5	16QAM	1	12	22.45	22.38	22.48	24	0
5	16QAM	1	24	22.36	22.31	22.29		
5	16QAM	12	0	22.31	22.35	22.32		
5	16QAM	12	7	22.48	22.49	22.40	24	0
5	16QAM	12	13	22.38	22.33	22.42		
5	16QAM	25	0	22.25	22.33	22.39		
5	64QAM	1	0	22.39	22.52	22.38		
5	64QAM	1	12	22.45	22.39	22.52	24	0
5	64QAM	1	24	22.34	22.34	22.32		
5	64QAM	12	0	22.28	22.32	22.33		
5	64QAM	12	7	22.49	22.46	22.44	24	0
5	64QAM	12	13	22.41	22.35	22.41		
5	64QAM	25	0	22.31	22.30	22.40		
5	256QAM	1	0	20.50	20.47	20.41		
5	256QAM	1	12	20.71	20.58	20.59	22	2
5	256QAM	1	24	20.59	20.66	20.67		
5	256QAM	12	0	20.31	20.28	20.30		
5	256QAM	12	7	20.51	20.48	20.38	22	2
5	256QAM	12	13	20.39	20.41	20.46		
5	256QAM	25	0	20.27	20.40	20.37		

Band 25 (1900MHz Band) Ant1 DSI2 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.13	17.18	17.11		
20	QPSK	1	49	17.07	17.00	17.06	18.1	0
20	QPSK	1	99	17.06	17.04	16.95		
20	QPSK	50	0	17.02	17.11	17.09		
20	QPSK	50	24	17.03	17.04	16.91	18.1	0
20	QPSK	50	50	16.94	16.95	17.08		
20	QPSK	100	0	16.82	17.00	16.95		
20	16QAM	1	0	17.02	17.00	16.97		
20	16QAM	1	49	16.97	16.91	16.92	18.1	0
20	16QAM	1	99	16.95	16.99	16.88		
20	16QAM	50	0	16.87	17.04	16.98		
20	16QAM	50	24	16.88	16.90	16.79	18.1	0
20	16QAM	50	50	16.91	16.80	16.98		
20	16QAM	100	0	16.97	16.88	16.85		
20	64QAM	1	0	17.03	17.01	16.84		
20	64QAM	1	49	17.06	16.98	16.99	18.1	0
20	64QAM	1	99	16.90	16.91	16.95		
20	64QAM	50	0	16.98	17.05	17.02		
20	64QAM	50	24	16.97	16.91	16.89	18.1	0
20	64QAM	50	50	16.91	16.83	16.76		
20	64QAM	100	0	17.08	16.74	16.81		
20	256QAM	1	0	17.03	16.95	16.82		
20	256QAM	1	49	16.89	16.77	16.89	18.1	0
20	256QAM	1	99	16.88	16.94	16.87		
20	256QAM	50	0	16.91	16.94	16.73		
20	256QAM	50	24	16.77	16.74	17.08	18.1	0
20	256QAM	50	50	16.96	16.91	16.82		
20	256QAM	100	0	16.95	16.94	16.79		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.03	17.08	17.10		
15	QPSK	1	37	16.99	17.03	16.94	18.1	0
15	QPSK	1	74	16.94	16.95	16.90		
15	QPSK	36	0	16.87	17.06	16.96		
15	QPSK	36	20	16.94	16.93	16.88	18.1	0
15	QPSK	36	39	16.86	16.82	16.93		
15	QPSK	75	0	17.10	16.77	16.79		
15	16QAM	1	0	16.92	17.03	16.95		
15	16QAM	1	37	16.88	16.91	16.89	18.1	0
15	16QAM	1	74	17.11	16.88	16.82		
15	16QAM	36	0	16.74	17.01	17.01		
15	16QAM	36	20	16.83	16.79	16.75	18.1	0
15	16QAM	36	39	16.78	16.72	16.94		
15	16QAM	75	0	16.90	16.75	16.75		
15	64QAM	1	0	16.90	16.88	16.83		
15	64QAM	1	37	16.97	16.87	16.90	18.1	0
15	64QAM	1	74	16.98	16.91	16.99		
15	64QAM	36	0	16.91	17.01	16.90		
15	64QAM	36	20	16.86	16.94	16.83	18.1	0
15	64QAM	36	39	16.91	16.86	17.10		
15	64QAM	75	0	17.11	16.77	16.84		
15	256QAM	1	0	17.04	16.96	16.78		
15	256QAM	1	37	17.01	16.66	16.76	18.1	0
15	256QAM	1	74	16.84	16.89	16.75		
15	256QAM	36	0	16.76	16.96	16.69		
15	256QAM	36	20	16.71	16.71	16.99	18.1	0
15	256QAM	36	39	16.87	16.68	16.69		
15	256QAM	75	0	16.85	16.80	16.67		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1910		
10	QPSK	1	0	17.06	16.99	17.08		
10	QPSK	1	25	17.02	16.88	16.95	18.1	0
10	QPSK	1	49	17.05	16.99	16.86		
10	QPSK	25	0	16.97	17.06	17.01		
10	QPSK	25	12	16.99	16.99	16.87	18.1	0
10	QPSK	25	25	16.98	16.90	16.97		
10	QPSK	50	0	17.04	16.86	16.83		
10	16QAM	1	0	16.89	16.99	17.01		
10	16QAM	1	25	16.98	16.80	16.86	18.1	0
10	16QAM	1	49	16.96	16.99	16.78		
10	16QAM	25	0	16.72	16.79	16.85		
10	16QAM	25	12	16.80	16.82	16.66	18.1	0
10	16QAM	25	25	16.90	16.79	16.96		
10	16QAM	50	0	16.96	16.74	16.77		
10	64QAM	1	0	17.03	16.93	16.81		
10	64QAM	1	25	16.94	16.86	16.84	18.1	0
10	64QAM	1	49	17.04	16.83	16.92		
10	64QAM	25	0	16.95	17.07	16.99		
10	64QAM	25	12	17.01	16.90	16.76	18.1	0
10	64QAM	25	25	16.75	16.76	17.06		
10	64QAM	50	0	17.00	16.65	16.70		
10	256QAM	1	0	16.93	16.98	16.71		
10	256QAM	1	25	16.95	16.65	16.84	18.1	0
10	256QAM	1	49	16.78	16.80	16.90		
10	256QAM	25	0	16.94	16.90	16.65		
10	256QAM	25	12	16.72	16.66	16.76	18.1	0
10	256QAM	25	25	16.81	16.78	16.67		
10	256QAM	50	0	16.83	16.80	16.69		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.01	17.03	17.07		
5	QPSK	1	12	17.10	16.84	16.94	18.1	0
5	QPSK	1	24	17.03	16.93	16.84		
5	QPSK	12	0	16.94	17.01	16.93		
5	QPSK	12	7	16.95	17.01	16.89	18.1	0
5	QPSK	12	13	16.82	16.90	16.95		
5	QPSK	25	0	16.95	16.82	16.97		
5	16QAM	1	0	16.96	16.96	16.89		
5	16QAM	1	12	16.86	16.78	16.83	18.1	0
5	16QAM	1	24	16.96	16.95	16.75		
5	16QAM	12	0	16.77	16.92	17.00		
5	16QAM	12	7	16.72	16.92	16.74	18.1	0
5	16QAM	12	13	16.89	16.66	16.98		
5	16QAM	25	0	16.98	16.90	16.71		
5	64QAM	1	0	16.90	16.86	16.75		
5	64QAM	1	12	17.09	16.99	16.95	18.1	0
5	64QAM	1	24	17.01	16.84	16.84		
5	64QAM	12	0	16.99	17.01	17.02		
5	64QAM	12	7	16.82	16.80	16.75	18.1	0
5	64QAM	12	13	16.88	16.79	17.07		
5	64QAM	25	0	16.99	16.83	16.85		
5	256QAM	1	0	17.05	16.85	16.75		
5	256QAM	1	12	16.99	16.80	16.91	18.1	0
5	256QAM	1	24	16.86	16.91	16.76		
5	256QAM	12	0	16.77	16.83	16.60		
5	256QAM	12	7	16.68	16.63	16.95	18.1	0
5	256QAM	12	13	16.91	16.80	16.73		
5	256QAM	25	0	16.91	16.81	16.68		
Channel				26025	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.10	17.06	17.11		
3	QPSK	1	8	17.04	16.88	16.90	18.1	0
3	QPSK	1	14	16.96	16.95	16.88		
3	QPSK	8	0	17.06	17.10	17.00		
3	QPSK	8	4	16.98	17.05	16.79	18.1	0
3	QPSK	8	7	16.95	16.84	17.06		
3	QPSK	15	0	17.04	16.94	16.89		
3	16QAM	1	0	16.83	16.93	17.08		
3	16QAM	1	8	16.92	16.86	16.91	18.1	0
3	16QAM	1	14	16.97	16.90	16.85		
3	16QAM	8	0	16.64	16.69	16.75		
3	16QAM	8	4	16.75	16.70	16.59	18.1	0
3	16QAM	8	7	16.86	16.69	16.67		
3	16QAM	15	0	16.96	16.70	16.84		
3	64QAM	1	0	17.04	16.90	16.82		
3	64QAM	1	8	17.03	16.93	16.83	18.1	0
3	64QAM	1	14	16.96	16.80	16.89

Band 26 for FCC Ant1 DSI2 Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.27	22.40	22.26	23.4	0
15	QPSK	1	37	22.36	22.24	22.31		
15	QPSK	1	74	22.05	22.31	22.36		
15	QPSK	36	0	22.22	22.38	22.32	23.4	0
15	QPSK	36	20	22.31	22.28	22.32		
15	QPSK	36	39	22.32	22.31	22.34		
15	QPSK	75	0	22.31	22.33	22.32		
15	16QAM	1	0	22.21	22.34	22.22	23.4	0
15	16QAM	1	37	22.34	22.20	22.27		
15	16QAM	1	74	22.01	22.27	22.30		
15	16QAM	36	0	22.17	22.18	22.33	23.4	0
15	16QAM	36	20	22.26	22.22	22.28		
15	16QAM	36	39	22.35	22.34	22.36		
15	16QAM	75	0	22.31	22.30	22.33		
15	64QAM	1	0	22.03	22.22	22.04	23.4	0
15	64QAM	1	37	22.12	22.04	22.01		
15	64QAM	1	74	22.04	22.03	22.07		
15	64QAM	36	0	22.07	22.08	22.18	23.4	0
15	64QAM	36	20	22.10	22.02	22.11		
15	64QAM	36	39	22.12	22.06	22.10		
15	64QAM	75	0	22.14	22.08	22.08		
15	256QAM	1	0	20.91	20.93	20.76	22	1.4
15	256QAM	1	37	21.03	20.83	21.07		
15	256QAM	1	74	20.63	21.01	20.93		
15	256QAM	36	0	20.92	20.84	20.91	22	1.4
15	256QAM	36	20	20.95	20.80	21.03		
15	256QAM	36	39	21.03	21.16	21.16		
15	256QAM	75	0	20.97	20.89	21.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.24	22.37	22.24	23.4	0
10	QPSK	1	25	22.32	22.21	22.28		
10	QPSK	1	49	22.00	22.26	22.31		
10	QPSK	25	0	22.18	22.20	22.32	23.4	0
10	QPSK	25	12	22.28	22.24	22.26		
10	QPSK	25	25	22.35	22.32	22.36		
10	QPSK	50	0	22.32	22.27	22.30		
10	16QAM	1	0	22.18	22.28	22.17	23.4	0
10	16QAM	1	25	22.31	22.14	22.23		
10	16QAM	1	49	22.10	22.23	22.27		
10	16QAM	25	0	22.11	22.14	22.30	23.4	0
10	16QAM	25	12	22.24	22.17	22.25		
10	16QAM	25	25	22.31	22.31	22.33		
10	16QAM	50	0	22.28	22.28	22.30		
10	64QAM	1	0	22.20	22.34	22.19	23.4	0
10	64QAM	1	25	22.29	22.16	22.25		
10	64QAM	1	49	22.07	22.21	22.27		
10	64QAM	25	0	22.14	22.15	22.29	23.4	0
10	64QAM	25	12	22.22	22.23	22.24		
10	64QAM	25	25	22.31	22.34	22.30		
10	64QAM	50	0	22.28	22.21	22.25		
10	256QAM	1	0	20.82	20.82	20.64	22	1.4
10	256QAM	1	25	20.92	20.74	21.05		
10	256QAM	1	49	20.66	21.03	20.86		
10	256QAM	25	0	20.93	20.92	20.93	22	1.4
10	256QAM	25	12	20.94	20.81	21.13		
10	256QAM	25	25	21.07	21.03	21.19		
10	256QAM	50	0	20.89	20.90	21.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.31	22.20	23.4	0
5	QPSK	1	12	22.28	22.17	22.25		
5	QPSK	1	24	22.04	22.21	22.25		
5	QPSK	12	0	22.13	22.15	22.29	23.4	0
5	QPSK	12	7	22.24	22.21	22.20		
5	QPSK	12	13	22.32	22.26	22.32		
5	QPSK	25	0	22.30	22.25	22.27		
5	16QAM	1	0	22.13	22.23	22.15	23.4	0
5	16QAM	1	12	22.27	22.11	22.21		
5	16QAM	1	24	22.04	22.18	22.21		
5	16QAM	12	0	22.07	22.10	22.27	23.4	0
5	16QAM	12	7	22.19	22.12	22.19		
5	16QAM	12	13	22.28	22.28	22.30		
5	16QAM	25	0	22.26	22.24	22.28		
5	64QAM	1	0	22.16	22.28	22.15	23.4	0
5	64QAM	1	12	22.23	22.10	22.19		
5	64QAM	1	24	22.01	22.18	22.22		
5	64QAM	12	0	22.12	22.10	22.26	23.4	0
5	64QAM	12	7	22.19	22.21	22.21		
5	64QAM	12	13	22.27	22.28	22.25		
5	64QAM	25	0	22.22	22.17	22.21		
5	256QAM	1	0	20.88	20.81	20.66	22	1.4
5	256QAM	1	12	20.91	20.78	21.10		
5	256QAM	1	24	20.66	20.93	20.99		
5	256QAM	12	0	20.96	20.80	20.89	22	1.4
5	256QAM	12	7	21.01	20.83	21.14		
5	256QAM	12	13	21.05	21.14	21.27		
5	256QAM	25	0	20.97	20.93	20.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.15	22.29	22.18	23.4	0
3	QPSK	1	8	22.22	22.13	22.22		
3	QPSK	1	14	22.08	22.19	22.22		
3	QPSK	8	0	22.10	22.11	22.24	23.4	0
3	QPSK	8	4	22.21	22.17	22.17		
3	QPSK	8	7	22.29	22.21	22.28		
3	QPSK	15	0	22.26	22.19	22.21		
3	16QAM	1	0	22.08	22.18	22.10	23.4	0
3	16QAM	1	8	22.25	22.07	22.18		
3	16QAM	1	14	22.00	22.13	22.17		
3	16QAM	8	0	22.01	22.06	22.24	23.4	0
3	16QAM	8	4	22.14	22.08	22.15		
3	16QAM	8	7	22.24	22.25	22.25		
3	16QAM	15	0	22.22	22.21	22.25		
3	64QAM	1	0	22.12	22.22	22.12	23.4	0
3	64QAM	1	8	22.21	22.10	22.15		
3	64QAM	1	14	22.06	22.15	22.19		
3	64QAM	8	0	22.06	22.04	22.22	23.4	0
3	64QAM	8	4	22.13	22.16	22.17		
3	64QAM	8	7	22.23	22.22	22.21		
3	64QAM	15	0	22.16	22.14	22.18		
3	256QAM	1	0	20.80	20.91	20.64	22	1.4
3	256QAM	1	8	21.04	20.78	21.04		
3	256QAM	1	14	20.59	20.99	20.89		
3	256QAM	8	0	20.91	20.85	20.90	22	1.4
3	256QAM	8	4	21.00	20.83	21.12		
3	256QAM	8	7	21.04	21.06	21.19		
3	256QAM	15	0	20.85	21.01	21.03		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.10	22.26	22.13	23.4	0
1.4	QPSK	1	3	22.20	22.09	22.17		
1.4	QPSK	1	5	22.04	22.14	22.17		
1.4	QPSK	3	0	22.07	22.06	22.19		
1.4	QPSK	3	1	22.19	22.13	22.13		
1.4	QPSK	3	3	22.24	22.19	22.24		
1.4	QPSK	6	0	22.23	22.17	22.18	23.4	0
1.4	16QAM	1	0	22.04	22.12	22.06	23.4	0
1.4	16QAM	1	3	22.22	22.04	22.14		
1.4	16QAM	1	5	22.07	22.09	22.15		
1.4	16QAM	3	0	22.05	22.03	22.20		
1.4	16QAM	3	1	22.09	22.05	22.13		
1.4	16QAM	3	3	22.19	22.17	22.22		
1.4	16QAM	6	0	22.19	22.16	22.20	23.4	0
1.4	64QAM	1	0	22.10	22.18	22.09	23.4	0
1.4	64QAM	1	3	22.17	22.02	22.13		
1.4	64QAM	1	5	22.03	22.10	22.15		
1.4	64QAM	3	0	22.02	22.09	22.18		
1.4	64QAM	3	1	22.08	22.12	22.13		
1.4	64QAM	3	3	22.17	22.19	22.19		
1.4	64QAM	6	0	22.10	22.11	22.14	23.4	0
1.4	256QAM	1	0	20.87	20.90	20.73	22	1.4
1.4	256QAM	1	3	20.94	20.85	21.04		
1.4	256QAM	1	5	20.66	20.91	20.95		
1.4	256QAM	3	0	20.85	20.84	20.91		
1.4	256QAM	3	1	21.00	20.85	21.15		
1.4	256QAM	3	3	21.15	21.03	21.27		
1.4	256QAM	6	0	20.94	20.91	20.95	22	1.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.68	16.74	16.69	17.7	0
20	QPSK	1	49	16.58	16.59	16.61		
20	QPSK	1	99	16.60	16.67	16.64		
20	QPSK	50	0	16.57	16.71	16.51	17.7	0
20	QPSK	50	24	16.65	16.69	16.53		
20	QPSK	50	50	16.61	16.64	16.65		
20	QPSK	100	0	16.63	16.69	16.66		
20	16QAM	1	0	16.57	16.61	16.52	17.7	0
20	16QAM	1	49	16.64	16.57	16.54		
20	16QAM	1	99	16.51	16.43	16.48		
20	16QAM	50	0	16.53	16.67	16.50	17.7	0
20	16QAM	50	24	16.65	16.68	16.68		
20	16QAM	50	50	16.58	16.62	16.66		
20	16QAM	100	0	16.62	16.66	16.67		
20	64QAM	1	0	16.49	16.50	16.48	17.7	0
20	64QAM	1	49	16.50	16.58	16.57		
20	64QAM	1	99	16.63	16.54	16.65		
20	64QAM	50	0	16.54	16.67	16.50	17.7	0
20	64QAM	50	24	16.64	16.58	16.60		
20	64QAM	50	50	16.59	16.54	16.66		
20	64QAM	100	0	16.61	16.64	16.66		
20	256QAM	1	0	16.37	16.43	16.41	17.7	0
20	256QAM	1	49	16.38	16.50	16.46		
20	256QAM	1	99	16.49	16.49	16.59		
20	256QAM	50	0	16.47	16.55	16.45	17.7	0
20	256QAM	50	24	16.54	16.48	16.54		
20	256QAM	50	50	16.47	16.45	16.61		
20	256QAM	100	0	16.46	16.59	16.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.55	16.60	16.42	17.7	0
15	QPSK	1	37	16.48	16.49	16.55		
15	QPSK	1	74	16.55	16.63	16.54		
15	QPSK	36	0	16.49	16.63	16.38	17.7	0
15	QPSK	36	20	16.51	16.59	16.46		
15	QPSK	36	39	16.46	16.52	16.57		
15	QPSK	75	0	16.47	16.53	16.57		
15	16QAM	1	0	16.43	16.49	16.41	17.7	0
15	16QAM	1	37	16.55	16.43	16.49		
15	16QAM	1	74	16.45	16.28	16.36		
15	16QAM	36	0	16.37	16.52	16.44	17.7	0
15	16QAM	36	20	16.56	16.54	16.64		
15	16QAM	36	39	16.49	16.49	16.55		
15	16QAM	75	0	16.51	16.52	16.63		
15	64QAM	1	0	16.43	16.37	16.36	17.7	0
15	64QAM	1	37	16.42	16.45	16.47		
15	64QAM	1	74	16.49	16.49	16.52		
15	64QAM	36	0	16.41	16.52	16.35	17.7	0
15	64QAM	36	20	16.58	16.46	16.49		
15	64QAM	36	39	16.54	16.46	16.61		
15	64QAM	75	0	16.45	16.59	16.53		
15	256QAM	1	0	16.27	16.30	16.26	17.7	0
15	256QAM	1	37	16.32	16.38	16.34		
15	256QAM	1	74	16.42	16.45	16.49		
15	256QAM	36	0	16.43	16.41	16.41	17.7	0
15	256QAM	36	20	16.41	16.37	16.42		
15	256QAM	36	39	16.42	16.38	16.48		
15	256QAM	75	0	16.38	16.53	16.41		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.61	16.67	16.45	17.7	0
10	QPSK	1	25	16.51	16.43	16.53		
10	QPSK	1	49	16.54	16.54	16.51		
10	QPSK	25	0	16.43	16.57	16.42	17.7	0
10	QPSK	25	12	16.55	16.55	16.45		
10	QPSK	25	25	16.49	16.50	16.50		
10	QPSK	50	0	16.54	16.64	16.57		
10	16QAM	1	0	16.41	16.45	16.41	17.7	0
10	16QAM	1	25	16.58	16.43	16.41		
10	16QAM	1	49	16.42	16.33	16.33		
10	16QAM	25	0	16.42	16.55	16.44	17.7	0
10	16QAM	25	12	16.54	16.56	16.61		
10	16QAM	25	25	16.53	16.58	16.51		
10	16QAM	50	0	16.47	16.53	16.53		
10	64QAM	1	0	16.43	16.38	16.34	17.7	0
10	64QAM	1	25	16.37	16.42	16.44		
10	64QAM	1	49	16.51	16.49	16.56		
10	64QAM	25	0	16.47	16.52	16.36	17.7	0
10	64QAM	25	12	16.52	16.47	16.49		
10	64QAM	25	25	16.47	16.39	16.59		
10	64QAM	50	0	16.47	16.53	16.53		
10	256QAM	1	0	16.26	16.29	16.33	17.7	0
10	256QAM	1	25	16.34	16.35	16.31		
10	256QAM	1	49	16.36	16.39	16.50		
10	256QAM	25	0	16.43	16.40	16.30	17.7	0
10	256QAM	25	12	16.39	16.36	16.44		
10	256QAM	25	25	16.31	16.40	16.55		
10	256QAM	50	0	16.42	16.49	16.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.63	16.63	16.46	17.7	0
5	QPSK	1	12	16.53	16.48	16.45		
5	QPSK	1	24	16.55	16.59	16.56		
5	QPSK	12	0	16.51	16.55	16.37	17.7	0
5	QPSK	12	7	16.56	16.53	16.39		
5	QPSK	12	13	16.50	16.59	16.56		
5	QPSK	25	0	16.59	16.54	16.58		
5	16QAM	1	0	16.42	16.51	16.36	17.7	0
5	16QAM	1	12	16.56	16.46	16.46		
5	16QAM	1	24	16.40	16.31	16.33		
5	16QAM	12	0	16.43	16.59	16.37	17.7	0
5	16QAM	12	7	16.55	16.54	16.52		
5	16QAM	12	13	16.50	16.48	16.54		
5	16QAM	25	0	16.49	16.56	16.54		
5	64QAM	1	0	16.44	16.39	16.40	17.7	0
5	64QAM	1	12	16.35	16.50	16.49		
5	64QAM	1	24	16.53	16.45	16.53		
5	64QAM	12	0	16.41	16.57	16.38	17.7	0
5	64QAM	12	7	16.59	16.44	16.47		
5	64QAM	12	13	16.49	16.46	16.61		
5	64QAM	25	0	16.52	16.49	16.50		
5	256QAM	1	0	16.32	16.30	16.26	17.7	0
5	256QAM	1	12	16.29	16.39	16.40		
5	256QAM	1	24	16.43	16.40	16.54		
5	256QAM	12	0	16.37	16.47	16.33	17.7	0
5	256QAM	12	7	16.43	16.33	16.39		
5	256QAM	12	13	16.37	16.29	16.53		
5	256QAM	25	0	16.36	16.48	16.51		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.60	16.63	16.41	17.7	0
3	QPSK	1	8	16.52	16.50	16.52		
3	QPSK	1	14	16.46	16.60	16.55		
3	QPSK	8	0	16.44	16.60	16.45	17.7	0
3	QPSK	8	4	16.49	16.54	16.42		
3	QPSK	8	7	16.52	16.54	16.60		
3	QPSK	15	0	16.49	16.56	16.51	17.7	0
3	16QAM	1	0	16.49	16.44	16.44		
3	16QAM	1	8	16.54	16.45	16.38		
3	16QAM	1	14	16.45	16.33	16.42		
3	16QAM	8	0	16.44	16.53	16.39	17.7	0
3	16QAM	8	4	16.56	16.53	16.63		
3	16QAM	8	7	16.43	16.54	16.59		
3	16QAM	15	0	16.51	16.52	16.60	17.7	0
3	64QAM	1	0	16.44	16.40	16.34		
3	64QAM	1	8	16.39	16.51	16.47		
3	64QAM	1	14	16.47	16.49	16.51		
3	64QAM	8	0	16.47	16.57	16.34	17.7	0
3	64QAM	8	4	16.53	16.52	16.55		
3	64QAM	8	7	16.51	16.45	16.55		
3	64QAM	15	0	16.49	16.55	16.61		
3	256QAM	1	0	16.31	16.31	16.28	17.7	0
3	256QAM	1	8	16.29	16.35	16.40		
3	256QAM	1	14	16.38	16.34	16.52		
3	256QAM	8	0	16.40	16.51	16.37	17.7	0
3	256QAM	8	4	16.45	16.41	16.38		
3	256QAM	8	7	16.35	16.40	16.52		
3	256QAM	15	0	16.39	16.52	16.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.57	16.61	16.42	17.7	0
1.4	QPSK	1	3	16.51	16.53	16.54		
1.4	QPSK	1	5	16.48	16.59	16.54		
1.4	QPSK	3	0	16.48	16.64	16.43		
1.4	QPSK	3	1	16.51	16.54	16.47		
1.4	QPSK	3	3	16.45	16.56	16.52		
1.4	QPSK	6	0	16.48	16.54	16.51	17.7	0
1.4	16QAM	1	0	16.53	16.57	16.44	17.7	0
1.4	16QAM	1	3	16.50	16.46	16.40		
1.4	16QAM	1	5	16.38	16.31	16.32		
1.4	16QAM	3	0	16.37	16.58	16.44		
1.4	16QAM	3	1	16.61	16.55	16.54		
1.4	16QAM	3	3	16.54	16.57	16.50		
1.4	16QAM	6	0	16.54	16.55	16.57	17.7	0
1.4	64QAM	1	0	16.44	16.46	16.41	17.7	0
1.4	64QAM	1	3	16.42	16.50	16.45		
1.4	64QAM	1	5	16.47	16.48	16.57		
1.4	64QAM	3	0	16.39	16.56	16.43		
1.4	64QAM	3	1	16.57	16.48	16.47		
1.4	64QAM	3	3	16.45	16.38	16.57		
1.4	64QAM	6	0	16.47	16.51	16.53	17.7	0
1.4	256QAM	1	0	16.30	16.33	16.26	17.7	0
1.4	256QAM	1	3	16.33	16.39	16.37		
1.4	256QAM	1	5	16.40	16.43	16.46		
1.4	256QAM	3	0	16.43	16.41	16.33		
1.4	256QAM	3	1	16.42	16.43	16.39		
1.4	256QAM	3	3	16.38	16.40	16.47		
1.4	256QAM	6	0	16.32	16.52	16.41	17.7	0

Band 38(only on channel required) Ant1 DSI2 Power

BW [MHz]	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	18.74	18.87	18.75	19.5	0
20	QPSK	1	49	18.72	18.69	18.63		
20	QPSK	1	99	18.74	18.66	18.47		
20	QPSK	50	0	18.59	18.80	18.49	19.5	0
20	QPSK	50	24	18.67	18.63	18.77		
20	QPSK	50	50	18.75	18.76	18.49		
20	QPSK	100	0	18.60	18.71	18.66		
20	16QAM	1	0	18.61	18.54	18.74	19.5	0
20	16QAM	1	49	18.66	18.59	18.44		
20	16QAM	1	99	18.59	18.58	18.72		
20	16QAM	50	0	18.70	18.59	18.60	19.5	0
20	16QAM	50	24	18.37	18.40	18.70		
20	16QAM	50	50	18.74	18.68	18.63		
20	16QAM	100	0	18.36	18.64	18.54		
20	64QAM	1	0	18.66	18.62	18.64	19.5	0
20	64QAM	1	49	18.54	18.46	18.62		
20	64QAM	1	99	18.51	18.61	18.42		
20	64QAM	50	0	18.75	18.52	18.40	19.5	0
20	64QAM	50	24	18.75	18.55	18.85		
20	64QAM	50	50	18.77	18.72	18.58		
20	64QAM	100	0	18.58	18.40	18.64		
20	256QAM	1	0	18.53	18.55	18.65	19.5	0
20	256QAM	1	49	18.62	18.38	18.52		
20	256QAM	1	99	18.58	18.62	18.20		
20	256QAM	50	0	18.53	18.23	18.52	19.5	0
20	256QAM	50	24	18.44	18.47	18.47		
20	256QAM	50	50	18.73	18.61	18.42		
20	256QAM	100	0	18.45	18.52	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.81	18.70	18.77	19.5	0
15	QPSK	1	37	18.67	18.51	18.56		
15	QPSK	1	74	18.72	18.58	18.52		
15	QPSK	36	0	18.56	18.72	18.54	19.5	0
15	QPSK	36	20	18.75	18.44	18.60		
15	QPSK	36	39	18.66	18.57	18.61		
15	QPSK	75	0	18.61	18.62	18.48		
15	16QAM	1	0	18.67	18.31	18.57	19.5	0
15	16QAM	1	37	18.74	18.71	18.65		
15	16QAM	1	74	18.49	18.66	18.61		
15	16QAM	36	0	18.71	18.53	18.59	19.5	0
15	16QAM	36	20	18.61	18.49	18.71		
15	16QAM	36	39	18.61	18.47	18.46		
15	16QAM	75	0	18.38	18.51	18.40		
15	64QAM	1	0	18.60	18.50	18.48	19.5	0
15	64QAM	1	37	18.60	18.68	18.62		
15	64QAM	1	74	18.58	18.68	18.42		
15	64QAM	36	0	18.76	18.47	18.59	19.5	0
15	64QAM	36	20	18.65	18.53	18.70		
15	64QAM	36	39	18.60	18.68	18.73		
15	64QAM	75	0	18.60	18.53	18.63		
15	256QAM	1	0	18.52	18.40	18.55	19.5	0
15	256QAM	1	37	18.36	18.38	18.29		
15	256QAM	1	74	18.44	18.48	18.33		
15	256QAM	36	0	18.50	18.45	18.57	19.5	0
15	256QAM	36	20	18.50	18.36	18.61		
15	256QAM	36	39	18.56	18.59	18.41		
15	256QAM	75	0	18.54	18.37	18.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.85	18.71	18.61	19.5	0
10	QPSK	1	25	18.65	18.62	18.69		
10	QPSK	1	49	18.84	18.74	18.64		
10	QPSK	25	0	18.51	18.77	18.54	19.5	0
10	QPSK	25	12	18.67	18.53	18.58		
10	QPSK	25	25	18.53	18.75	18.73		
10	QPSK	50	0	18.56	18.64	18.48		
10	16QAM	1	0	18.48	18.56	18.74	19.5	0
10	16QAM	1	25	18.59	18.73	18.44		
10	16QAM	1	49	18.63	18.49	18.53		
10	16QAM	25	0	18.59	18.55	18.45	19.5	0
10	16QAM	25	12	18.37	18.42	18.56		
10	16QAM	25	25	18.75	18.70	18.69		
10	16QAM	50	0	18.49	18.73	18.66		
10	64QAM	1	0	18.44	18.56	18.46	19.5	0
10	64QAM	1	25	18.58	18.71	18.59		
10	64QAM	1	49	18.56	18.66	18.50		
10	64QAM	25	0	18.68	18.50	18.55	19.5	0
10	64QAM	25	12	18.64	18.63	18.72		
10	64QAM	25	25	18.77	18.53	18.72		
10	64QAM	50	0	18.67	18.43	18.60		
10	256QAM	1	0	18.47	18.38	18.62	19.5	0
10	256QAM	1	25	18.59	18.38	18.27		
10	256QAM	1	49	18.56	18.47	18.38		
10	256QAM	25	0	18.55	18.47	18.31	19.5	0
10	256QAM	25	12	18.63	18.36	18.68		
10	256QAM	25	25	18.72	18.64	18.54		
10	256QAM	50	0	18.42	18.52	18.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.66	18.80	18.75	19.5	0
5	QPSK	1	12	18.76	18.48	18.59		
5	QPSK	1	24	18.71	18.70	18.59		
5	QPSK	12	0	18.73	18.72	18.50	19.5	0
5	QPSK	12	7	18.73	18.63	18.82		
5	QPSK	12	13	18.78	18.62	18.73		
5	QPSK	25	0	18.71	18.70	18.69		
5	16QAM	1	0	18.61	18.46	18.49	19.5	0
5	16QAM	1	12	18.50	18.51	18.54		
5	16QAM	1	24	18.74	18.71	18.67		
5	16QAM	12	0	18.56	18.40	18.42	19.5	0
5	16QAM	12	7	18.65	18.48	18.59		
5	16QAM	12	13	18.63	18.50	18.54		
5	16QAM	25	0	18.47	18.50	18.49		
5	64QAM	1	0	18.53	18.51	18.48	19.5	0
5	64QAM	1	12	18.62	18.45	18.59		
5	64QAM	1	24	18.50	18.52	18.36		
5	64QAM	12	0	18.56	18.52	18.46	19.5	0
5	64QAM	12	7	18.71	18.70	18.70		
5	64QAM	12	13	18.82	18.68	18.60		
5	64QAM	25	0	18.70	18.40	18.75		
5	256QAM	1	0	18.29	18.28	18.45	19.5	0
5	256QAM	1	12	18.39	18.40	18.47		
5	256QAM	1	24	18.49	18.53	18.35		
5	256QAM	12	0	18.48	18.40	18.50	19.5	0
5	256QAM	12	7	18.48	18.46	18.48		
5	256QAM	12	13	18.65	18.42	18.49		
5	256QAM	25	0	18.53	18.30	18.47		

Band 38(only on channel required) PC2 Ant1 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.05	20.21	20.17	21.1	0
20	QPSK	1	49	20.10	20.10	20.01		
20	QPSK	1	99	20.08	20.00	20.10		
20	QPSK	50	0	20.11	20.19	20.15	21.1	0
20	QPSK	50	24	19.80	19.76	19.88		
20	QPSK	50	50	19.76	19.77	19.82		
20	QPSK	100	0	19.75	19.93	19.80		
20	16QAM	1	0	19.64	19.69	19.67	21.1	0
20	16QAM	1	49	19.77	19.80	19.84		
20	16QAM	1	99	19.76	19.78	19.80		
20	16QAM	50	0	19.64	19.63	19.72	21.1	0
20	16QAM	50	24	19.79	19.72	19.87		
20	16QAM	50	50	19.75	19.78	19.85		
20	16QAM	100	0	19.72	19.76	19.80		
20	64QAM	1	0	19.73	19.64	19.86	21.1	0
20	64QAM	1	49	19.89	19.79	19.84		
20	64QAM	1	99	19.81	19.82	19.80		
20	64QAM	50	0	19.62	19.66	19.71	21.1	0
20	64QAM	50	24	19.75	19.71	19.84		
20	64QAM	50	50	19.72	19.73	19.79		
20	64QAM	100	0	19.70	19.72	19.77		
20	256QAM	1	0	19.59	19.56	19.73	21.1	0
20	256QAM	1	49	19.80	19.68	19.65		
20	256QAM	1	99	19.68	19.72	19.65		
20	256QAM	50	0	19.46	19.56	19.64	21.1	0
20	256QAM	50	24	19.68	19.62	19.76		
20	256QAM	50	50	19.70	19.72	19.67		
20	256QAM	100	0	19.55	19.54	19.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.75	20.01	19.80	21.1	0
15	QPSK	1	37	19.92	19.96	19.94		
15	QPSK	1	74	19.97	19.90	19.93		
15	QPSK	36	0	19.45	19.89	19.61	21.1	0
15	QPSK	36	20	19.67	19.67	19.77		
15	QPSK	36	39	19.68	19.69	19.79		
15	QPSK	75	0	19.66	19.77	19.69		
15	16QAM	1	0	19.51	19.60	19.62	21.1	0
15	16QAM	1	37	19.64	19.71	19.78		
15	16QAM	1	74	19.71	19.69	19.72		
15	16QAM	36	0	19.49	19.49	19.56	21.1	0
15	16QAM	36	20	19.66	19.63	19.74		
15	16QAM	36	39	19.59	19.65	19.72		
15	16QAM	75	0	19.63	19.62	19.77		
15	64QAM	1	0	19.60	19.53	19.82	21.1	0
15	64QAM	1	37	19.79	19.74	19.70		
15	64QAM	1	74	19.76	19.75	19.72		
15	64QAM	36	0	19.52	19.54	19.67	21.1	0
15	64QAM	36	20	19.61	19.60	19.75		
15	64QAM	36	39	19.61	19.67	19.71		
15	64QAM	75	0	19.62	19.63	19.62		
15	256QAM	1	0	19.51	19.50	19.68	21.1	0
15	256QAM	1	37	19.69	19.59	19.54		
15	256QAM	1	74	19.61	19.62	19.52		
15	256QAM	36	0	19.36	19.51	19.58	21.1	0
15	256QAM	36	20	19.65	19.50	19.67		
15	256QAM	36	39	19.56	19.58	19.59		
15	256QAM	75	0	19.51	19.47	19.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.71	20.04	19.85	21.1	0
10	QPSK	1	25	20.07	19.91	19.86		
10	QPSK	1	49	19.96	19.88	19.99		
10	QPSK	25	0	19.48	19.81	19.52	21.1	0
10	QPSK	25	12	19.70	19.73	19.80		
10	QPSK	25	25	19.61	19.68	19.75		
10	QPSK	50	0	19.67	19.83	19.62		
10	16QAM	1	0	19.52	19.59	19.66	21.1	0
10	16QAM	1	25	19.68	19.67	19.81		
10	16QAM	1	49	19.66	19.69	19.66		
10	16QAM	25	0	19.45	19.44	19.65	21.1	0
10	16QAM	25	12	19.67	19.59	19.79		
10	16QAM	25	25	19.67	19.61	19.73		
10	16QAM	50	0	19.56	19.64	19.74		
10	64QAM	1	0	19.63	19.50	19.72	21.1	0
10	64QAM	1	25	19.83	19.63	19.68		
10	64QAM	1	49	19.77	19.65	19.62		
10	64QAM	25	0	19.51	19.50	19.58	21.1	0
10	64QAM	25	12	19.61	19.56	19.76		
10	64QAM	25	25	19.70	19.71	19.66		
10	64QAM	50	0	19.67	19.63	19.73		
10	256QAM	1	0	19.46	19.40	19.59	21.1	0
10	256QAM	1	25	19.70	19.64	19.55		
10	256QAM	1	49	19.56	19.65	19.49		
10	256QAM	25	0	19.38	19.46	19.57	21.1	0
10	256QAM	25	12	19.65	19.53	19.67		
10	256QAM	25	25	19.57	19.57	19.63		
10	256QAM	50	0	19.52	19.49	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.80	20.04	19.88	21.1	0
5	QPSK	1	12	20.01	19.95	19.82		
5	QPSK	1	24	19.99	19.92	19.97		
5	QPSK	12	0	19.50	19.85	19.60	21.1	0
5	QPSK	12	7	19.75	19.62	19.75		
5	QPSK	12	13	19.58	19.59	19.72		
5	QPSK	25	0	19.66	19.81	19.73		
5	16QAM	1	0	19.62	19.60	19.67	21.1	0
5	16QAM	1	12	19.62	19.71	19.74		
5	16QAM	1	24	19.67	19.66	19.65		
5	16QAM	12	0	19.52	19.48	19.65	21.1	0
5	16QAM	12	7	19.64	19.61	19.79		
5	16QAM	12	13	19.66	19.63	19.74		
5	16QAM	25	0	19.67	19.59	19.72		
5	64QAM	1	0	19.69	19.49	19.70	21.1	0
5	64QAM	1	12	19.82	19.66	19.80		
5	64QAM	1	24	19.78	19.65	19.65		
5	64QAM	12	0	19.54	19.59	19.61	21.1	0
5	64QAM	12	7	19.67	19.59	19.75		
5	64QAM	12	13	19.57	19.71	19.74		
5	64QAM	25	0	19.61	19.68	19.69		
5	256QAM	1	0	19.47	19.42	19.61	21.1	0
5	256QAM	1	12	19.68	19.59	19.55		
5	256QAM	1	24	19.61	19.69	19.57		
5	256QAM	12	0	19.41	19.44	19.58	21.1	0
5	256QAM	12	7	19.55	19.51	19.62		
5	256QAM	12	13	19.64	19.63	19.64		
5	256QAM	25	0	19.50	19.40	19.49		

Band 41 (2.6G Band) Ant1 DSI2 Power

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	18.84	18.81	18.94	18.82	18.74	20.1	0
20	QPSK	1	49	18.80	18.80	18.72	18.71	18.84		
20	QPSK	1	99	18.80	18.81	18.76	18.69	18.83		
20	QPSK	50	0	18.71	18.69	18.91	18.63	18.72	20.1	0
20	QPSK	50	24	18.81	18.80	18.65	18.82	18.61		
20	QPSK	50	50	18.79	18.76	18.73	18.69	18.69		
20	QPSK	100	0	18.80	18.81	18.84	18.67	18.81		
20	16QAM	1	0	18.68	18.67	18.55	18.71	18.64	20.1	0
20	16QAM	1	49	18.69	18.73	18.68	18.68	18.82		
20	16QAM	1	99	18.70	18.69	18.69	18.73	18.73		
20	16QAM	50	0	18.72	18.71	18.62	18.65	18.70	20.1	0
20	16QAM	50	24	18.63	18.61	18.62	18.73	18.74		
20	16QAM	50	50	18.71	18.72	18.69	18.68	18.59		
20	16QAM	100	0	18.63	18.61	18.68	18.63	18.78		
20	64QAM	1	0	18.72	18.65	18.59	18.69	18.64	20.1	0
20	64QAM	1	49	18.68	18.72	18.67	18.68	18.62		
20	64QAM	1	99	18.57	18.71	18.64	18.53	18.83		
20	64QAM	50	0	18.71	18.72	18.61	18.64	18.71	20.1	0
20	64QAM	50	24	18.83	18.81	18.66	18.81	18.81		
20	64QAM	50	50	18.80	18.81	18.73	18.70	18.76		
20	64QAM	100	0	18.80	18.79	18.63	18.71	18.81		
20	256QAM	1	0	18.62	18.54	18.51	18.64	18.55	20.1	0
20	256QAM	1	49	18.53	18.61	18.58	18.52	18.57		
20	256QAM	1	99	18.45	18.64	18.59	18.39	18.70		
20	256QAM	50	0	18.62	18.59	18.47	18.54	18.59	20.1	0
20	256QAM	50	24	18.76	18.66	18.51	18.68	18.71		
20	256QAM	50	50	18.67	18.76	18.65	18.57	18.69		
20	256QAM	100	0	18.73	18.63	18.53	18.61	18.72		
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	18.80	18.67	18.87	18.69	18.79	20	0
15	QPSK	1	37	18.71	18.74	18.65	18.58	18.78		
15	QPSK	1	74	18.72	18.76	18.65	18.56	18.78		
15	QPSK	36	0	18.62	18.56	18.75	18.58	18.61	20.1	0
15	QPSK	36	20	18.75	18.65	18.60	18.69	18.55		
15	QPSK	36	39	18.68	18.66	18.61	18.54	18.62		
15	QPSK	75	0	18.76	18.68	18.78	18.61	18.72		
15	16QAM	1	0	18.56	18.52	18.48	18.59	18.49	20.1	0
15	16QAM	1	37	18.55	18.58	18.58	18.55	18.74		
15	16QAM	1	74	18.62	18.62	18.60	18.62	18.60		
15	16QAM	36	0	18.61	18.61	18.49	18.52	18.60	20.1	0
15	16QAM	36	20	18.52	18.56	18.49	18.58	18.62		
15	16QAM	36	39	18.55	18.62	18.59	18.54	18.49		
15	16QAM	75	0	18.47	18.45	18.61	18.53	18.66		
15	64QAM	1	0	18.64	18.56	18.50	18.54	18.57	20.1	0
15	64QAM	1	37	18.60	18.64	18.58	18.60	18.47		
15	64QAM	1	74	18.45	18.61	18.50	18.39	18.71		
15	64QAM	36	0	18.56	18.62	18.53	18.55	18.65	20.1	0
15	64QAM	36	20	18.76	18.73	18.56	18.69	18.71		
15	64QAM	36	39	18.71	18.68	18.61	18.65	18.64		
15	64QAM	75	0	18.68	18.64	18.58	18.57	18.66		
15	256QAM	1	0	18.55	18.43	18.47	18.54	18.40	20.1	0
15	256QAM	1	37	18.47	18.46	18.51	18.44	18.49		
15	256QAM	1	74	18.30	18.49	18.49	18.35	18.54		
15	256QAM	36	0	18.57	18.50	18.36	18.42	18.44	20.1	0
15	256QAM	36	20	18.67	18.58	18.38	18.60	18.66		
15	256QAM	36	39	18.56	18.61	18.56	18.43	18.58		
15	256QAM	75	0	18.64	18.59	18.42	18.55	18.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.70	18.76	18.85	18.66	18.86	20	0
10	QPSK	1	25	18.70	18.70	18.67	18.60	18.71		
10	QPSK	1	49	18.75	18.69	18.60	18.60	18.72		
10	QPSK	25	0	18.64	18.64	18.86	18.57	18.60	20.1	0
10	QPSK	25	12	18.68	18.75	18.59	18.76	18.49		
10	QPSK	25	25	18.74	18.69	18.67	18.65	18.53		
10	QPSK	50	0	18.65	18.73	18.79	18.57	18.70		
10	16QAM	1	0	18.54	18.53	18.51	18.56	18.55	20.1	0
10	16QAM	1	25	18.57	18.65	18.61	18.57	18.76		
10	16QAM	1	49	18.54	18.57	18.54	18.63	18.65		
10	16QAM	25	0	18.64	18.61	18.52	18.59	18.55	20.1	0
10	16QAM	25	12	18.53	18.51	18.56	18.61	18.61		
10	16QAM	25	25	18.56	18.66	18.54	18.56	18.52		
10	16QAM	50	0	18.50	18.52	18.60	18.51	18.69		
10	64QAM	1	0	18.57	18.50	18.54	18.61	18.48	20.1	0
10	64QAM	1	25	18.60	18.63	18.59	18.63	18.57		
10	64QAM	1	49	18.43	18.57	18.56	18.43	18.69		
10	64QAM	25	0	18.64	18.67	18.45	18.56	18.65	20.1	0
10	64QAM	25	12	18.76	18.70	18.62	18.69	18.68		
10	64QAM	25	25	18.76	18.75	18.63	18.60	18.71		
10	64QAM	50	0	18.69	18.70	18.53	18.58	18.70		
10	256QAM	1	0	18.50	18.47	18.45	18.56	18.51	20.1	0
10	256QAM	1	25	18.40	18.49	18.54	18.48	18.48		
10	256QAM	1	49	18.32	18.57	18.53	18.25	18.55		
10	256QAM	25	0	18.52	18.51	18.42	18.47	18.48	20.1	0
10	256QAM	25	12	18.67	18.60	18.42	18.58	18.56		
10	256QAM	25	25	18.57	18.70	18.57	18.51	18.61		
10	256QAM	50	0	18.63	18.53	18.43	18.56	18.58		
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	18.72	18.76	18.78	18.73	18.83	20	0
5	QPSK	1	12	18.72	18.67	18.56	18.60	18.78		
5	QPSK	1	24	18.68	18.75	18.71	18.57	18.76		
5	QPSK	12	0	18.65	18.55	18.83	18.49	18.66	20.1	0
5	QPSK	12	7	18.68	18.67	18.60	18.74	18.47		
5	QPSK	12	13	18.63	18.68	18.60	18.65	18.53		
5	QPSK	25	0	18.75	18.71	18.79	18.53	18.69		
5	16QAM	1	0	18.56	18.55	18.51	18.66	18.59	20.1	0
5	16QAM	1	12	18.57	18.58	18.62	18.53	18.71		
5	16QAM	1	24	18.55	18.55	18.61	18.68	18.57		
5	16QAM	12	0	18.62	18.64	18.53	18.57	18.62	20.1	0
5	16QAM	12

Band 42 (3.5GHz Band) Ant2 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.00	22.04	21.97		
20	QPSK	1	49	21.94	21.81	21.79	23	0
20	QPSK	1	99	21.59	21.74	21.57		
20	QPSK	50	0	21.50	21.61	21.50		
20	QPSK	50	24	21.51	21.60	21.48	22	1
20	QPSK	50	50	21.55	21.52	21.48		
20	QPSK	100	0	21.41	21.48	21.47		
20	16QAM	1	0	21.51	21.22	21.58		
20	16QAM	1	49	21.32	21.18	21.47	22	1
20	16QAM	1	99	21.35	21.29	21.18		
20	16QAM	50	0	20.68	20.38	20.43		
20	16QAM	50	24	20.54	20.19	20.29	21	2
20	16QAM	50	50	20.49	20.30	20.44		
20	16QAM	100	0	20.63	20.26	20.38		
20	64QAM	1	0	21.45	21.30	21.26		
20	64QAM	1	49	21.23	21.31	21.37	22	1
20	64QAM	1	99	21.45	21.68	21.38		
20	64QAM	50	0	20.74	20.32	20.31		
20	64QAM	50	24	20.62	20.37	20.38	21	2
20	64QAM	50	50	20.69	20.50	20.64		
20	64QAM	100	0	20.69	20.38	20.45		
20	256QAM	1	0	16.39	16.47	16.44		
20	256QAM	1	49	16.38	16.31	16.08	18	5
20	256QAM	1	99	16.33	16.42	16.44		
20	256QAM	50	0	16.29	16.28	16.30		
20	256QAM	50	24	16.21	16.27	16.20	18	5
20	256QAM	50	50	16.25	16.34	16.24		
20	256QAM	100	0	16.20	16.26	16.21		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.98	22.02	21.94		
15	QPSK	1	37	21.90	21.79	21.76	23	0
15	QPSK	1	74	21.56	21.69	21.67		
15	QPSK	36	0	21.75	21.58	21.45		
15	QPSK	36	20	21.77	21.57	21.40	22	1
15	QPSK	36	39	21.60	21.49	21.44		
15	QPSK	75	0	21.67	21.43	21.42		
15	16QAM	1	0	21.48	21.11	21.54		
15	16QAM	1	37	21.35	21.18	21.51	22	1
15	16QAM	1	74	21.42	21.25	21.16		
15	16QAM	36	0	20.74	20.43	20.30		
15	16QAM	36	20	20.44	20.41	20.41	21	2
15	16QAM	36	39	20.45	20.51	20.41		
15	16QAM	75	0	20.60	20.36	20.27		
15	64QAM	1	0	21.42	21.19	21.18		
15	64QAM	1	37	21.21	21.34	21.33	22	1
15	64QAM	1	74	21.44	21.61	21.47		
15	64QAM	36	0	20.54	20.42	20.28		
15	64QAM	36	20	20.60	20.28	20.35	21	2
15	64QAM	36	39	20.62	20.22	20.28		
15	64QAM	75	0	20.66	20.50	20.36		
15	256QAM	1	0	16.37	16.47	16.45		
15	256QAM	1	37	16.34	16.22	16.09	18	5
15	256QAM	1	74	16.45	16.41	16.31		
15	256QAM	36	0	16.27	16.28	16.31		
15	256QAM	36	20	16.30	16.22	16.17	18	5
15	256QAM	36	39	16.17	16.26	16.19		
15	256QAM	75	0	16.20	16.24	16.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.93	21.96	21.90		
10	QPSK	1	25	21.85	21.75	21.70	23	0
10	QPSK	1	49	21.53	21.64	21.47		
10	QPSK	25	0	21.73	21.53	21.39		
10	QPSK	25	12	21.74	21.63	21.37	22	1
10	QPSK	25	25	21.54	21.46	21.40		
10	QPSK	50	0	21.63	21.38	21.40		
10	16QAM	1	0	21.54	21.29	21.58		
10	16QAM	1	25	21.42	21.25	21.47	22	1
10	16QAM	1	49	21.44	21.28	21.14		
10	16QAM	25	0	20.69	20.38	20.25		
10	16QAM	25	12	20.48	20.33	20.42	21	2
10	16QAM	25	25	20.45	20.25	20.42		
10	16QAM	50	0	20.56	20.32	20.28		
10	64QAM	1	0	21.41	21.26	21.23		
10	64QAM	1	25	21.23	21.31	21.28	22	1
10	64QAM	1	49	21.48	21.73	21.31		
10	64QAM	25	0	20.33	20.31	20.38		
10	64QAM	25	12	20.54	20.40	20.37	21	2
10	64QAM	25	25	20.64	20.19	20.23		
10	64QAM	50	0	20.70	20.39	20.36		
10	256QAM	1	0	16.36	16.44	16.42		
10	256QAM	1	25	16.30	16.20	16.11	18	5
10	256QAM	1	49	16.37	16.42	16.44		
10	256QAM	25	0	16.28	16.24	16.27		
10	256QAM	25	12	16.24	16.21	16.18	18	5
10	256QAM	25	25	16.20	16.33	16.31		
10	256QAM	50	0	16.19	16.29	16.19		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.87	21.93	21.85		
5	QPSK	1	12	21.81	21.70	21.66	23	0
5	QPSK	1	24	21.50	21.59	21.43		
5	QPSK	12	0	21.67	21.49	21.37		
5	QPSK	12	7	21.72	21.51	21.32	22	1
5	QPSK	12	13	21.49	21.42	21.35		
5	QPSK	25	0	21.59	21.38	21.34		
5	16QAM	1	0	21.48	21.11	21.55		
5	16QAM	1	12	21.31	21.22	21.53	22	1
5	16QAM	1	24	21.41	21.20	21.11		
5	16QAM	12	0	20.64	20.39	20.37		
5	16QAM	12	7	20.51	20.23	20.28	21	2
5	16QAM	12	13	20.40	20.17	20.38		
5	16QAM	25	0	20.58	20.33	20.24		
5	64QAM	1	0	21.38	21.20	21.23		
5	64QAM	1	12	21.23	21.30	21.38	22	1
5	64QAM	1	24	21.49	21.70	21.44		
5	64QAM	12	0	20.30	20.33	20.32		
5	64QAM	12	7	20.61	20.34	20.39	21	2
5	64QAM	12	13	20.33	20.17	20.24		
5	64QAM	25	0	20.64	20.45	20.43		
5	256QAM	1	0	16.32	16.43	16.38		
5	256QAM	1	12	16.24	16.19	16.15	18	5
5	256QAM	1	24	16.39	16.36	16.34		
5	256QAM	12	0	16.38	16.32	16.32		
5	256QAM	12	7	16.25	16.25	16.14	18	5
5	256QAM	12	13	16.29	16.38	16.30		
5	256QAM	25	0	16.19	16.20	16.29		

Band 42 Part27Q Ant2 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42100	42500	42900		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.93	22.03	21.83		
20	QPSK	1	49	21.97	21.79	21.83	23	0
20	QPSK	1	99	21.56	21.67	21.55		
20	QPSK	50	0	21.46	21.56	21.36		
20	QPSK	50	24	21.45	21.47	21.36	22	1
20	QPSK	50	50	21.52	21.51	21.49		
20	QPSK	100	0	21.30	21.39	21.34		
20	16QAM	1	0	21.62	21.32	21.60		
20	16QAM	1	49	21.44	21.28	21.55	22	1
20	16QAM	1	99	21.47	21.35	21.22		
20	16QAM	50	0	20.74	20.46	20.44		
20	16QAM	50	24	20.57	20.33	20.43	21	2
20	16QAM	50	50	20.52	20.26	20.45		
20	16QAM	100	0	20.63	20.40	20.38		
20	64QAM	1	0	21.47	21.30	21.28		
20	64QAM	1	49	21.29	21.34	21.39	22	1
20	64QAM	1	99	21.58	21.74	21.52		
20	64QAM	50	0	20.76	20.44	20.41		
20	64QAM	50	24	20.66	20.42	20.47	21	2
20	64QAM	50	50	20.76	20.57	20.52		
20	64QAM	100	0	20.79	20.53	20.46		
20	256QAM	1	0	16.43	16.48	16.50		
20	256QAM	1	49	16.38	16.33	16.20	18	5
20	256QAM	1	99	16.46	16.44	16.44		
20	256QAM	50	0	16.38	16.38	16.39		
20	256QAM	50	24	16.32	16.31	16.25	18	5
20	256QAM	50	50	16.30	16.39	16.33		
20	256QAM	100	0	16.23	16.32	16.32		
Channel				42100	42500	42900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.90	22.00	21.78		
15	QPSK	1	37	21.94	21.76	21.79	23	0
15	QPSK	1	74	21.51	21.62	21.51		
15	QPSK	36	0	21.73	21.51	21.33		
15	QPSK	36	20	21.82	21.54	21.53	22	1
15	QPSK	36	39	21.48	21.48	21.54		
15	QPSK	75	0	21.66	21.36	21.45		
15	16QAM	1	0	21.58	21.44	21.57		
15	16QAM	1	37	21.41	21.24	21.50	22	1
15	16QAM	1	74	21.42	21.32	21.18		
15	16QAM	36	0	20.70	20.41	20.41		
15	16QAM	36	20	20.53	20.28	20.39	21	2
15	16QAM	36	39	20.47	20.21	20.40		
15	16QAM	75	0	20.59	20.37	20.35		
15	64QAM	1	0	21.44	21.25	21.25		
15	64QAM	1	37	21.24	21.29	21.36	22	1
15	64QAM	1	74	21.52	21.71	21.47		
15	64QAM	36	0	20.71	20.40	20.38		
15	64QAM	36	20	20.61	20.39	20.44	21	2
15	64QAM	36	39	20.71	20.24	20.28		
15	64QAM	75	0	20.74	20.49	20.43		
15	256QAM	1	0	16.37	16.42	16.43		
15	256QAM	1	37	16.40	16.31	16.12	18	5
15	256QAM	1	74	16.40	16.39	16.37		
15	256QAM	36	0	16.35	16.30	16.34		
15	256QAM	36	20	16.30	16.32	16.13	18	5
15	256QAM	36	39	16.25	16.27	16.35		
15	256QAM	75	0	16.16	16.22	16.31		
Channel				42140	42500	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.83	21.93	21.77		
10	QPSK	1	25	21.88	21.70	21.76	23	0
10	QPSK	1	49	21.48	21.58	21.49		
10	QPSK	25	0	21.66	21.46	21.27		
10	QPSK	25	12	21.57	21.47	21.48	22	1
10	QPSK	25	25	21.44	21.44	21.51		
10	QPSK	50	0	21.60	21.32	21.40		
10	16QAM	1	0	21.54	21.29	21.52		
10	16QAM	1	25	21.37	21.19	21.45	22	1
10	16QAM	1	49	21.39	21.26	21.14		
10	16QAM	25	0	20.68	20.38	20.37		
10	16QAM	25	12	20.47	20.26	20.36	21	2
10	16QAM	25	25	20.43	20.18	20.37		
10	16QAM	50	0	20.55	20.32	20.31		
10	64QAM	1	0	21.41	21.22	21.22		
10	64QAM	1	25	21.20	21.25	21.32	22	1
10	64QAM	1	49	21.45	21.65	21.44		
10	64QAM	25	0	20.70	20.34	20.33		
10	64QAM	25	12	20.59	20.35	20.38	21	2
10	64QAM	25	25	20.66	20.35	20.22		
10	64QAM	50	0	20.72	20.45	20.39		
10	256QAM	1	0	16.45	16.39	16.50		
10	256QAM	1	25	16.31	16.28	16.16	18	5
10	256QAM	1	49	16.40	16.48	16.36		
10	256QAM	25	0	16.33	16.31	16.28		
10	256QAM	25	12	16.26	16.33	16.22	18	5
10	256QAM	25	25	16.31	16.32	16.28		
10	256QAM	50	0	16.11	16.19	16.36		
Channel				42115	42500	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.78	21.88	21.73		
5	QPSK	1	12	21.83	21.68	21.73	23	0
5	QPSK	1	24	21.42	21.54	21.44		
5	QPSK	12	0	21.64	21.42	21.24		
5	QPSK	12	7	21.53	21.45	21.43	22	1
5	QPSK	12	13	21.41	21.38	21.45		
5	QPSK	25	0	21.56	21.27	21.34		
5	16QAM	1	0	21.52	21.54	21.47		
5	16QAM	1	12	21.33	21.14	21.42	22	1
5	16QAM	1	24	21.37	21.38	21.12		
5	16QAM	12	0	20.65	20.33	20.31		
5	16QAM	12	7	20.43	20.23	20.33	21	2
5	16QAM	12	13	20.40	20.24	20.33		
5	16QAM	25	0	20.52	20.28	20.24		
5	64QAM	1	0	21.36	21.17	21.18		
5	64QAM	1	12	21.15	21.40	21.28	22	1
5	64QAM	1	24	21.41	21.60	21.39		
5	64QAM	12	0	20.66	20.32	20.27		
5	64QAM	12	7	20.53	20.27	20.35	21	2
5	64QAM	12	13	20.63	20.18	20.18		
5	64QAM	25	0	20.68	20.40	20.33		
5	256QAM	1	0	16.43	16.48	16.52		
5	256QAM	1	12	16.24	16.30	16.09	18	5
5	256QAM	1	24	16.46	16.35	16.30		
5	256QAM	12	0	16.24	16.39	16.40		
5	256QAM	12	7	16.37	16.35	16.10	18	5
5	256QAM	12	13	16.25	16.34	16.31		
5	256QAM	25	0	16.13	16.20	16.31		

Band 43 (3.7GHz Band) Ant2 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43490	44390		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.89	22.98	22.90		
20	QPSK	1	49	22.80	22.78	22.94	24	0
20	QPSK	1	99	22.67	22.69	22.79		
20	QPSK	50	0	21.61	21.90	21.64		
20	QPSK	50	24	21.73	21.80	21.69	23	1
20	QPSK	50	50	21.81	21.78	21.86		
20	QPSK	100	0	21.84	21.87	21.79		
20	16QAM	1	0	22.86	22.95	22.87		
20	16QAM	1	49	22.76	22.74	22.89	24	0
20	16QAM	1	99	22.62	22.65	22.76		
20	16QAM	50	0	21.87	21.74	21.91		
20	16QAM	50	24	22.00	21.85	21.94	23	1
20	16QAM	50	50	21.87	21.82	21.82		
20	16QAM	100	0	21.80	21.86	21.86		
20	64QAM	1	0	22.86	22.93	22.87		
20	64QAM	1	49	22.75	22.74	22.89	24	0
20	64QAM	1	99	22.63	22.65	22.74		
20	64QAM	50	0	21.86	21.76	21.89		
20	64QAM	50	24	21.99	21.87	21.96	23	1
20	64QAM	50	50	21.87	21.82	21.81		
20	64QAM	100	0	21.81	21.86	21.84		
20	256QAM	1	0	20.80	20.91	21.00		
20	256QAM	1	49	20.82	20.88	20.88	22	2
20	256QAM	1	99	20.82	20.90	20.86		
20	256QAM	50	0	20.78	20.86	20.80		
20	256QAM	50	24	20.98	20.99	20.86	22	2
20	256QAM	50	50	20.79	21.08	21.01		
20	256QAM	100	0	21.00	20.92	20.82		
Channel				43165	43490	44415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.84	22.93	22.87		
15	QPSK	1	37	22.77	22.75	22.89	24	0
15	QPSK	1	74	22.64	22.66	22.74		
15	QPSK	36	0	21.88	21.74	21.91		
15	QPSK	36	20	22.00	21.85	21.96	23	1
15	QPSK	36	39	21.86	21.84	21.82		
15	QPSK	75	0	21.79	21.85	21.84		
15	16QAM	1	0	22.83	22.92	22.82		
15	16QAM	1	37	22.73	22.70	22.84	24	0
15	16QAM	1	74	22.58	22.61	22.71		
15	16QAM	36	0	21.82	21.70	21.86		
15	16QAM	36	20	21.96	21.82	21.91	23	1
15	16QAM	36	39	21.82	21.79	21.77		
15	16QAM	75	0	21.77	21.82	21.81		
15	64QAM	1	0	22.82	22.89	22.84		
15	64QAM	1	37	22.71	22.70	22.85	24	0
15	64QAM	1	74	22.60	22.62	22.69		
15	64QAM	36	0	21.83	21.71	21.85		
15	64QAM	36	20	21.95	21.82	21.92	23	1
15	64QAM	36	39	21.83	21.77	21.77		
15	64QAM	75	0	21.77	21.83	21.81		
15	256QAM	1	0	20.90	20.97	20.91		
15	256QAM	1	37	20.78	20.86	20.78	22	2
15	256QAM	1	74	20.83	20.82	20.84		
15	256QAM	36	0	20.86	20.86	20.78		
15	256QAM	36	20	20.73	21.03	20.79	22	2
15	256QAM	36	39	20.95	20.89	20.77		
15	256QAM	75	0	20.80	20.97	20.78		
Channel				43140	43490	44440	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.80	22.89	22.80		
10	QPSK	1	25	22.72	22.69	22.85	24	0
10	QPSK	1	49	22.58	22.63	22.73		
10	QPSK	25	0	21.81	21.71	21.84		
10	QPSK	25	12	21.81	21.81	21.73	23	1
10	QPSK	25	25	21.82	21.81	21.78		
10	QPSK	50	0	21.75	21.82	21.81		
10	16QAM	1	0	22.77	22.87	22.80		
10	16QAM	1	25	22.68	22.68	22.79	24	0
10	16QAM	1	49	22.52	22.59	22.69		
10	16QAM	25	0	21.79	21.66	21.84		
10	16QAM	25	12	21.92	21.77	21.84	23	1
10	16QAM	25	25	21.77	21.73	21.75		
10	16QAM	50	0	21.72	21.77	21.78		
10	64QAM	1	0	22.77	22.84	22.79		
10	64QAM	1	25	22.66	22.67	22.82	24	0
10	64QAM	1	49	22.53	22.55	22.64		
10	64QAM	25	0	21.77	21.68	21.80		
10	64QAM	25	12	21.92	21.79	21.88	23	1
10	64QAM	25	25	21.79	21.75	21.73		
10	64QAM	50	0	21.75	21.78	21.75		
10	256QAM	1	0	20.75	20.96	20.71		
10	256QAM	1	25	20.89	20.83	20.79	22	2
10	256QAM	1	49	20.71	20.82	20.86		
10	256QAM	25	0	20.74	20.81	20.89		
10	256QAM	25	12	20.68	20.81	20.86	22	2
10	256QAM	25	25	20.82	20.92	20.68		
10	256QAM	50	0	20.70	20.88	20.73		
Channel				43115	43565	44465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.76	22.85	22.78		
5	QPSK	1	12	22.69	22.65	22.81	24	0
5	QPSK	1	24	22.53	22.60	22.67		
5	QPSK	12	0	21.77	21.77	21.81		
5	QPSK	12	7	21.93	21.77	21.87	23	1
5	QPSK	12	13	21.77	21.76	21.73		
5	QPSK	25	0	21.77	21.77	21.77		
5	16QAM	1	0	22.73	22.85	22.75		
5	16QAM	1	12	22.63	22.64	22.77	24	0
5	16QAM	1	24	22.57	22.63	22.61		
5	16QAM	12	0	21.75	21.63	21.81		
5	16QAM	12	7	21.90	21.72	21.79	23	1
5	16QAM	12	13	21.74	21.73	21.73		
5	16QAM	25	0	21.68	21.73	21.73		
5	64QAM	1	0	22.75	22.80	22.74		
5	64QAM	1	12	22.61	22.62	22.76	24	0
5	64QAM	1	24	22.50	22.52	22.61		
5	64QAM	12	0	21.71	21.64	21.74		
5	64QAM	12	7	21.87	21.75	21.87	23	1
5	64QAM	12	13	21.75	21.71	21.67		
5	64QAM	25	0	21.69	21.73	21.69		
5	256QAM	1	0	20.73	20.92	20.86		
5	256QAM	1	12	20.73	20.80	20.74	22	2
5	256QAM	1	24	20.65	20.91	20.82		
5	256QAM	12	0	20.77	20.79	20.71		
5	256QAM	12	7	20.85	20.80	20.71	22	2
5	256QAM	12	13	20.75	20.82	20.77		
5	256QAM	25	0	20.64	20.80	20.81		

Band 48_FCC Ant2 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.92	22.92	23.04	22.87		
20	QPSK	1	49	22.81	22.91	22.85	22.85	24	0
20	QPSK	1	99	22.60	22.58	22.63	22.57		
20	QPSK	50	0	21.82	21.90	21.91	21.89		
20	QPSK	50	24	21.83	21.84	21.83	21.80	23	1
20	QPSK	50	50	21.75	21.75	21.75	21.64		
20	QPSK	100	0	21.63	21.72	21.73	21.63		
20	16QAM	1	0	21.72	21.98	21.87	21.95		
20	16QAM	1	49	21.82	21.91	21.87	21.54	23	1
20	16QAM	1	99	21.49	21.87	21.65	21.98		
20	16QAM	50	0	20.84	20.86	20.98	20.93		
20	16QAM	50	24

Ant1 DSI2 Simultaneous Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.17	29.13	29.12	30.50	20.17	20.13	20.12	21.50
GPRS 1 Tx slot	29.29	29.18	29.13	30.50	20.29	20.18	20.13	21.50
GPRS 2 Tx slots	26.41	26.34	26.23	27.50	20.41	20.34	20.23	21.50
GPRS 3 Tx slots	24.62	24.51	24.45	25.70	20.36	20.25	20.19	21.44
GPRS 4 Tx slots	23.19	23.39	23.21	24.50	20.19	20.39	20.21	21.50
EDGE 1 Tx slot	25.00	25.08	25.11	26.00	16.00	16.08	16.11	17.00
EDGE 2 Tx slots	23.30	23.43	23.46	25.00	17.30	17.43	17.46	19.00
EDGE 3 Tx slots	22.12	22.14	22.18	24.00	17.86	17.88	17.92	19.74
EDGE 4 Tx slots	20.13	20.12	20.16	22.00	17.13	17.12	17.16	19.00

Ant1 DSI2 Simultaneous Power

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.69	22.84	22.81	23.50
3GPP Rel 99	RMC 12.2Kbps	22.71	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-1	21.73	21.79	21.81	22.50
3GPP Rel 6	HSDPA Subtest-2	21.70	21.68	21.78	22.50
3GPP Rel 6	HSDPA Subtest-3	21.21	21.30	21.26	22.00
3GPP Rel 6	HSDPA Subtest-4	21.26	21.21	21.24	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.50	21.67	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.42	21.57	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.99	21.17	21.02	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.03	21.06	22.00
3GPP Rel 6	HSUPA Subtest-1	21.70	21.78	21.85	22.50
3GPP Rel 6	HSUPA Subtest-2	19.66	19.75	19.72	20.50
3GPP Rel 6	HSUPA Subtest-3	20.61	20.77	20.73	21.50
3GPP Rel 6	HSUPA Subtest-4	19.67	19.73	19.71	20.50
3GPP Rel 6	HSUPA Subtest-5	21.61	21.77	21.69	22.50

Band 2 (1900MHz Band) Ant1 DSI2 Simultaneous Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.04	16.21	16.09	17.1	0
20	QPSK	1	49	15.98	16.00	16.13		
20	QPSK	1	99	15.94	15.92	16.04		
20	QPSK	50	0	15.98	16.18	16.01	17.1	0
20	QPSK	50	24	16.04	16.04	16.03		
20	QPSK	50	50	15.98	15.98	16.06		
20	QPSK	100	0	16.04	16.15	16.01		
20	16QAM	1	0	15.98	15.96	15.98		
20	16QAM	1	49	15.99	15.98	16.06	17.1	0
20	16QAM	1	99	15.88	15.83	15.93		
20	16QAM	50	0	16.03	16.03	16.04		
20	16QAM	50	24	16.07	16.10	16.06	17.1	0
20	16QAM	50	50	16.00	16.02	16.06		
20	16QAM	100	0	16.05	16.05	16.06		
20	64QAM	1	0	16.08	16.13	16.03		
20	64QAM	1	49	16.05	16.10	16.07	17.1	0
20	64QAM	1	99	15.98	15.94	16.13		
20	64QAM	50	0	16.02	16.01	16.03		
20	64QAM	50	24	16.08	16.08	16.05	17.1	0
20	64QAM	50	50	16.01	16.00	16.07		
20	64QAM	100	0	16.05	16.10	16.03		
20	256QAM	1	0	16.03	16.04	15.93		
20	256QAM	1	49	15.90	15.96	16.02	17.1	0
20	256QAM	1	99	15.85	15.92	16.07		
20	256QAM	50	0	15.93	15.88	15.99		
20	256QAM	50	24	15.94	15.98	15.93	17.1	0
20	256QAM	50	50	15.94	15.94	16.03		
20	256QAM	100	0	15.91	16.04	15.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.94	16.17	15.97		
15	QPSK	1	37	15.90	15.90	16.08	17.1	0
15	QPSK	1	74	15.81	15.89	15.92		
15	QPSK	36	0	15.89	16.02	15.89		
15	QPSK	36	20	15.88	15.91	15.96	17.1	0
15	QPSK	36	39	15.91	15.87	15.92		
15	QPSK	75	0	15.88	16.06	15.98		
15	16QAM	1	0	15.95	15.88	15.87		
15	16QAM	1	37	15.91	15.91	15.97	17.1	0
15	16QAM	1	74	15.81	15.72	15.79		
15	16QAM	36	0	15.97	15.88	16.01		
15	16QAM	36	20	15.97	16.04	15.94	17.1	0
15	16QAM	36	39	15.86	15.93	15.91		
15	16QAM	75	0	15.97	15.95	15.98		
15	64QAM	1	0	15.95	16.04	16.01		
15	64QAM	1	37	16.01	16.04	15.97	17.1	0
15	64QAM	1	74	15.92	15.87	15.98		
15	64QAM	36	0	15.92	15.96	15.99		
15	64QAM	36	20	16.01	16.02	16.01	17.1	0
15	64QAM	36	39	15.86	15.84	15.96		
15	64QAM	75	0	15.96	16.06	15.96		
15	256QAM	1	0	15.95	15.94	15.80		
15	256QAM	1	37	15.84	15.88	15.97	17.1	0
15	256QAM	1	74	15.75	15.78	15.98		
15	256QAM	36	0	15.88	15.74	15.95		
15	256QAM	36	20	15.84	15.84	15.77	17.1	0
15	256QAM	36	39	15.83	15.81	16.00		
15	256QAM	75	0	15.88	15.92	15.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.99	16.07	16.04	17.1	0
10	QPSK	1	25	15.85	15.85	15.99		
10	QPSK	1	49	15.84	15.88	15.92		
10	QPSK	25	0	15.91	16.15	15.87		
10	QPSK	25	12	15.99	16.01	15.94	17.1	0
10	QPSK	25	25	15.92	15.90	16.01		
10	QPSK	50	0	15.98	16.07	15.86		
10	16QAM	1	0	15.83	15.80	15.92		
10	16QAM	1	25	15.89	15.94	15.92	17.1	0
10	16QAM	1	49	15.77	15.76	15.79		
10	16QAM	25	0	15.98	15.94	16.01		
10	16QAM	25	12	15.94	15.95	15.91	17.1	0
10	16QAM	25	25	15.96	15.91	15.92		
10	16QAM	50	0	15.93	15.90	15.94		
10	64QAM	1	0	16.02	16.05	15.97		
10	64QAM	1	25	15.93	15.94	16.02	17.1	0
10	64QAM	1	49	15.89	15.79	15.98		
10	64QAM	25	0	15.94	15.87	15.97		
10	64QAM	25	12	16.00	15.99	15.94	17.1	0
10	64QAM	25	25	15.92	15.86	16.00		
10	64QAM	50	0	15.97	16.01	15.95		
10	256QAM	1	0	15.88	15.93	15.79		
10	256QAM	1	25	15.80	15.83	15.94	17.1	0
10	256QAM	1	49	15.74	15.84	15.92		
10	256QAM	25	0	15.84	15.76	15.96		
10	256QAM	25	12	15.89	15.84	15.83	17.1	0
10	256QAM	25	25	15.81	15.88	15.90		
10	256QAM	50	0	15.76	16.00	15.91		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.93	16.17	16.02		
5	QPSK	1	12	15.95	15.87	16.09	17.1	0
5	QPSK	1	24	15.92	15.88	15.96		
5	QPSK	12	0	15.94	16.04	15.93		
5	QPSK	12	7	15.98	15.90	15.97	17.1	0
5	QPSK	12	13	15.86	15.93	16.01		
5	QPSK	25	0	15.98	16.01	15.95		
5	16QAM	1	0	15.91	15.85	15.93		
5	16QAM	1	12	15.88	15.84	15.92	17.1	0
5	16QAM	1	24	15.77	15.79	15.84		
5	16QAM	12	0	15.92	15.95	16.02		
5	16QAM	12	7	15.99	16.00	15.91	17.1	0
5	16QAM	12	13	15.91	15.97	15.98		
5	16QAM	25	0	15.97	16.03	15.99		
5	64QAM	1	0	15.97	16.10	16.00		
5	64QAM	1	12	15.99	15.99	15.92	17.1	0
5	64QAM	1	24	15.89	15.81	16.03		
5	64QAM	12	0	15.89	15.95	15.93		
5	64QAM	12	7	15.98	15.96	15.93	17.1	0
5	64QAM	12	13	15.92	15.92	16.03		
5	64QAM	25	0	16.03	16.01	15.97		
5	256QAM	1	0	15.97	15.96	15.90		
5	256QAM	1	12	15.86	15.92	15.90	17.1	0
5	256QAM	1	24	15.70	15.81	15.98		
5	256QAM	12	0	15.83	15.75	15.89		
5	256QAM	12	7	15.89	15.85	15.82	17.1	0
5	256QAM	12	13	15.91	15.90	15.98		
5	256QAM	25	0	15.78	15.89	15.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.02	16.10	15.94		
3	QPSK	1	8	15.88	15.85	15.98	17.1	0
3	QPSK	1	14	15.91	15.80	15.91		
3	QPSK	8	0	15.92	16.09	15.98		
3	QPSK	8	4	15.99	16.02	15.97	17.1	0
3	QPSK	8	7	15.93	15.84	16.01		
3	QPSK	15	0	15.94	16.12	15.88		
3	16QAM	1	0	15.87	15.84	15.91		
3	16QAM	1	8	15.97	15.86	15.95	17.1	0
3	16QAM	1	14	15.81	15.69	15.85		
3	16QAM	8	0	16.00	16.01	15.93		
3	16QAM	8	4	15.94	15.96	15.90	17.1	0
3	16QAM	8	7	15.88	15.93	16.02		
3	16QAM	15	0	15.93	15.91	15.91		
3	64QAM	1	0	16.00	16.02	15.97		
3	64QAM	1	8	16.00	16.00	15.92	17.1	0
3	64QAM	1	14	15.90	15.81	16.10		
3	64QAM	8	0	15.97	15.90	15.96		
3	64QAM	8	4	15.94	16.01	15.96	17.1	0
3	64QAM	8	7	15.90	15.93	16.01		
3	64QAM	15	0	15.91	16.03	15.93		
3	256QAM	1	0	16.00	16.01	15.79		
3	256QAM	1	8	15.79	15.87	15.87	17.1	0
3	256QAM	1	14	15.74	15.90	15.92		
3	256QAM	8	0	15.88	15.79	15.93		
3	256QAM	8	4	15.90	15.84	15.89	17.1	0
3	256QAM	8	7	15.91	15.86	15.90		
3	256QAM	15	0	15.79	15.93	15.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.95	16.14	16.05		
1.4	QPSK	1	3	15.95	15.87	15.98		
1.4	QPSK	1	5	15.86	15.89	15.89	17.1	0
1.4	QPSK	3	0	15.85	16.04	15.91		
1.4	QPSK	3	1	15.89	16.02	15.93		
1.4	QPSK	3	3	15.90	15.85	15.98		
1.4	QPSK	6	0	15.97	16.01	15.95	17.1	0
1.4	16QAM	1	0	15.90	15.81	15.93		
1.4	16QAM	1	3	15.95	15.83	16.00		
1.4	16QAM	1	5	15.74	15.69	15.83	17.1	0
1.4	16QAM	3	0	15.90	15.92	15.94		
1.4	16QAM	3	1	15.98	15.95	15.95		
1.4	16QAM	3	3	15.87	15.99	16.01		
1.4	16QAM	6	0	15.91	15.89	16.00	17.1	0
1.4	64QAM	1	0	16.01	15.97	15.97		
1.4	64QAM	1	3	16.03	16.06	15.98		
1.4	64QAM	1	5	15.85	15.91	16.11	17.1	0
1.4	64QAM	3	0	15.95	15.85	15.98		
1.4	64QAM	3	1	16.03	15.94	15.98		
1.4	64QAM	3	3	15.89	15.88	16.02		
1.4	64QAM	6	0	15.92	15.95	15.92	17.1	0
1.4	256QAM	1	0	15.97	15.98	15.86		
1.4	256QAM	1	3	15.76	15.91	15.99		
1.4	256QAM	1	5	15.75	15.88	15.97	17.1	0
1.4	256QAM	3	0	15.81	15.91	15.97		
1.4	256QAM	3	1	15.82	15.85	15.83		
1.4	256QAM	3	3	15.81	15.89	15.89		
1.4	256QAM	6	0	15.86	15.98	15.90	17.1	0

Band 4 (AWS Band) Ant1 DSI2 Simultaneous Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.15	15.30	15.20	16.2	0
20	QPSK	1	49	15.16	15.26	15.19		
20	QPSK	1	99	15.02	15.07	15.08		
20	QPSK	50	0	15.13	15.26	15.19		
20	QPSK	50	24	15.24	15.16	15.20		
20	QPSK	50	50	15.13	15.16	15.21		
20	QPSK	100	0	15.16	15.25	15.22		
20	16QAM	1	0	15.15	15.02	15.07		
20	16QAM	1	49	15.20	15.13	15.21		
20	16QAM	1	99	15.03	15.05	15.08		
20	16QAM	50	0	15.14	15.14	15.19		
20	16QAM	50	24	15.20	15.16	15.12		
20	16QAM	50	50	15.15	15.18	15.19		
20	16QAM	100	0	15.18	15.11	15.07		
20	64QAM	1	0	15.16	15.24	15.21		
20	64QAM	1	49	15.17	15.10	15.20		
20	64QAM	1	99	15.13	15.22	15.19		
20	64QAM	50	0	15.14	15.15	15.16		
20	64QAM	50	24	15.19	15.16	15.13		
20	64QAM	50	50	15.14	15.17	15.22		
20	64QAM	100	0	15.17	15.13	15.23		
20	256QAM	1	0	15.01	15.19	15.17		
20	256QAM	1	49	15.15	15.09	15.11		
20	256QAM	1	99	15.09	15.20	15.17		
20	256QAM	50	0	15.08	15.05	15.10		
20	256QAM	50	24	15.07	15.04	15.00		
20	256QAM	50	50	15.02	15.12	15.10		
20	256QAM	100	0	15.14	15.09	15.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.06	15.29	15.13	16.2	0
15	QPSK	1	37	15.14	15.23	15.15		
15	QPSK	1	74	14.92	15.06	14.95		
15	QPSK	36	0	15.12	15.22	15.13		
15	QPSK	36	20	15.15	15.15	15.19		
15	QPSK	36	39	15.14	15.06	15.18		
15	QPSK	75	0	15.04	15.24	15.16		
15	16QAM	1	0	15.06	15.03	15.08		
15	16QAM	1	37	15.19	15.02	15.15	16.2	0
15	16QAM	1	74	14.94	15.05	15.02		
15	16QAM	36	0	15.09	15.12	15.14		
15	16QAM	36	20	15.16	15.15	15.04	16.2	0
15	16QAM	36	39	15.14	15.17	15.19		
15	16QAM	75	0	15.09	15.05	14.95		
15	64QAM	1	0	15.05	15.12	15.20		
15	64QAM	1	37	15.07	14.98	15.10	16.2	0
15	64QAM	1	74	15.09	15.16	15.19		
15	64QAM	36	0	15.02	15.08	15.14		
15	64QAM	36	20	15.14	15.05	15.07	16.2	0
15	64QAM	36	39	15.02	15.04	15.16		
15	64QAM	75	0	15.05	15.02	15.12		
15	256QAM	1	0	15.00	15.14	15.08		
15	256QAM	1	37	15.03	14.97	15.11	16.2	0
15	256QAM	1	74	14.97	15.20	15.13		
15	256QAM	36	0	15.00	15.00	14.99		
15	256QAM	36	20	14.97	14.94	14.96	16.2	0
15	256QAM	36	39	14.98	15.02	15.09		
15	256QAM	75	0	15.15	15.07	15.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.09	15.23	15.09	16.2	0
10	QPSK	1	25	15.04	15.14	15.09		
10	QPSK	1	49	15.02	14.97	15.01		
10	QPSK	25	0	15.04	15.27	15.07		
10	QPSK	25	12	15.12	15.14	15.19	16.2	0
10	QPSK	25	25	15.04	15.12	15.14		
10	QPSK	50	0	15.11	15.17	15.18		
10	16QAM	1	0	15.02	14.93	15.06		
10	16QAM	1	25	15.09	15.02	15.09	16.2	0
10	16QAM	1	49	14.94	15.05	14.99		
10	16QAM	25	0	15.11	15.07	15.13		
10	16QAM	25	12	15.12	15.11	15.12	16.2	0
10	16QAM	25	25	15.05	15.06	15.16		
10	16QAM	50	0	15.05	15.01	15.00		
10	64QAM	1	0	15.07	15.22	15.09		
10	64QAM	1	25	15.11	15.11	15.13	16.2	0
10	64QAM	1	49	15.05	15.17	15.10		
10	64QAM	25	0	15.04	15.03	15.17		
10	64QAM	25	12	15.06	15.07	15.07	16.2	0
10	64QAM	25	25	15.03	15.06	15.21		
10	64QAM	50	0	15.07	15.09	15.16		
10	256QAM	1	0	14.98	15.10	15.05		
10	256QAM	1	25	15.03	15.06	15.04	16.2	0
10	256QAM	1	49	15.05	15.16	15.17		
10	256QAM	25	0	15.07	15.03	15.07		
10	256QAM	25	12	14.96	14.96	14.95	16.2	0
10	256QAM	25	25	15.02	15.12	14.99		
10	256QAM	50	0	15.03	15.04	15.07		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.14	15.23	15.18	16.2	0
5	QPSK	1	12	15.05	15.23	15.09		
5	QPSK	1	24	14.93	15.04	15.04		
5	QPSK	12	0	15.05	15.16	15.18		
5	QPSK	12	7	15.20	15.07	15.12	16.2	0
5	QPSK	12	13	15.02	15.10	15.18		
5	QPSK	25	0	15.09	15.24	15.11		
5	16QAM	1	0	15.06	14.90	14.96		
5	16QAM	1	12	15.08	15.04	15.17	16.2	0
5	16QAM	1	24	14.93	14.99	14.98		
5	16QAM	12	0	15.06	15.09	15.13		
5	16QAM	12	7	15.12	15.17	15.04	16.2	0
5	16QAM	12	13	15.06	15.17	15.19		
5	16QAM	25	0	15.18	15.05	14.96		
5	64QAM	1	0	14.99	15.19	15.08		
5	64QAM	1	12	15.13	15.00	15.21	16.2	0
5	64QAM	1	24	15.06	15.15	15.07		
5	64QAM	12	0	15.02	15.06	15.03		
5	64QAM	12	7	15.07	15.08	15.08	16.2	0
5	64QAM	12	13	15.14	15.14	15.18		
5	64QAM	25	0	15.05	15.08	15.21		
5	256QAM	1	0	14.98	15.12	15.14		
5	256QAM	1	12	15.06	15.01	14.99	16.2	0
5	256QAM	1	24	14.96	15.15	15.08		
5	256QAM	12	0	15.01	15.01	15.03		
5	256QAM	12	7	15.07	14.96	14.98	16.2	0
5	256QAM	12	13	14.93	15.10	15.01		
5	256QAM	25	0	15.06	14.98	15.08		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.07	15.28	15.18	16.2	0
3	QPSK	1	8	15.13	15.15	15.11		
3	QPSK	1	14	15.01	15.04	15.03		
3	QPSK	8	0	15.11	15.16	15.13		
3	QPSK	8	4	15.15	15.14	15.09	16.2	0
3	QPSK	8	7	15.04	15.03	15.22		
3	QPSK	15	0	15.09	15.20	15.20		
3	16QAM	1	0	15.06	14.90	15.01		
3	16QAM	1	8	15.14	15.02	15.19	16.2	0
3	16QAM	1	14	15.01	14.93	15.01		
3	16QAM	8	0	15.10	15.09	15.15		
3	16QAM	8	4	15.07	15.12	15.04	16.2	0
3	16QAM	8	7	15.16	15.11	15.14		
3	16QAM	15	0	15.10	15.12	14.99		
3	64QAM	1	0	15.03	15.14	15.16		
3	64QAM	1	8	15.14	15.00	15.11	16.2	0
3	64QAM	1	14	15.08	15.16	15.16		
3	64QAM	8	0	15.10	15.10	15.03		
3	64QAM	8	4	15.10	15.15	15.05	16.2	0
3	64QAM	8	7	15.12	15.17	15.17		
3	64QAM	15	0	15.10	15.07	15.17		
3	256QAM	1	0	14.99	15.11	15.08		
3	256QAM	1	8	15.08	15.04	15.11	16.2	0
3	256QAM	1	14	15.00	15.20	15.13		
3	256QAM	8	0	14.95	14.94	14.98		
3	256QAM	8	4	15.04	14.96	14.88	16.2	0
3	256QAM	8	7	14.97	15.09	15.03		
3	256QAM	15	0	15.05	14.99	15.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.12	15.24	15.08	16.2	0
1.4	QPSK	1	3	15.06	15.20	15.06		
1.4	QPSK	1	5	14.91	15.04	15.05		
1.4	QPSK	3	0	15.07	15.13	15.17		
1.4	QPSK	3	1	15.22	15.08	15.16		
1.4	QPSK	3	3	15.13	15.12	15.13		
1.4	QPSK	6	0	15.12	15.16	15.21	16.2	0
1.4	16QAM	1	0	15.15	14.99	15.05		
1.4	16QAM	1	3	15.11	15.08	15.16		
1.4	16QAM	1	5	14.96	14.95	15.08	16.2	0
1.4	16QAM	3	0	15.10	15.12	15.20		
1.4	16QAM	3	1	15.14	15.10	15.05		
1.4	16QAM	3	3	15.12	15.16	15.12		
1.4	16QAM	6	0	15.13	14.98	15.00	16.2	0
1.4	64QAM	1	0	15.09	15.12	15.10	16.2	0
1.4	64QAM	1	3	15.10	14.97	15.14		
1.4	64QAM	1	5	15.05	15.18	15.19		
1.4	64QAM	3	0	15.03	15.07	15.13		
1.4	64QAM	3	1	15.09	15.06	15.04		
1.4	64QAM	3	3	15.07	15.13	15.13		
1.4	64QAM	6	0	15.14	15.09	15.18	16.2	0
1.4	256QAM	1	0	14.96	15.10	15.13	16.2	0
1.4	256QAM	1	3	15.07	15.10	15.03		
1.4	256QAM	1	5	15.09	15.08	15.05		
1.4	256QAM	3	0	15.03	14.93	15.00		
1.4	256QAM	3	1	15.00	14.98	14.92		
1.4	256QAM	3	3	14.92	15.05	15.00		
1.4	256QAM	6	0	15.12	15.05	15.04	16.2	0

Band 5 (Cellular Band) Ant1 DSI2 Simultaneous Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.07	22.21	22.15	23.1	0
10	QPSK	1	25	22.10	22.11	22.18		
10	QPSK	1	49	22.06	22.20	22.13		
10	QPSK	25	0	22.01	22.19	22.06		
10	QPSK	25	12	22.07	22.05	22.01	23.1	0
10	QPSK	25	25	21.97	22.03	22.01		
10	QPSK	50	0	22.03	22.17	21.98		
10	16QAM	1	0	22.00	21.87	21.93		
10	16QAM	1	25	21.96	21.95	22.01	23.1	0

Band 7 (2600MHz Band) Ant1 DSI2 Simultaneous Power Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.41	16.59	16.53	17.4	0
20	QPSK	1	49	16.42	16.57	16.58		
20	QPSK	1	99	16.51	16.52	16.48		
20	QPSK	50	0	16.27	16.53	16.23	17.4	0
20	QPSK	50	24	16.35	16.44	16.32		
20	QPSK	50	50	16.40	16.45	16.33		
20	QPSK	100	0	16.38	16.48	16.26		
20	16QAM	1	0	16.11	16.18	16.05	17.4	0
20	16QAM	1	49	16.27	16.33	16.23		
20	16QAM	1	99	16.25	16.33	16.19		
20	16QAM	50	0	16.32	16.32	16.25	17.4	0
20	16QAM	50	24	16.39	16.43	16.37		
20	16QAM	50	50	16.43	16.48	16.40		
20	16QAM	100	0	16.37	16.39	16.28		
20	64QAM	1	0	16.32	16.36	16.21	17.4	0
20	64QAM	1	49	16.44	16.25	16.42		
20	64QAM	1	99	16.52	16.49	16.36		
20	64QAM	50	0	16.30	16.33	16.29	17.4	0
20	64QAM	50	24	16.41	16.44	16.37		
20	64QAM	50	50	16.40	16.44	16.33		
20	64QAM	100	0	16.42	16.31	16.29		
20	256QAM	1	0	16.25	16.36	16.21	17.4	0
20	256QAM	1	49	16.34	16.09	16.37		
20	256QAM	1	99	16.40	16.42	16.25		
20	256QAM	50	0	16.13	16.23	16.08	17.4	0
20	256QAM	50	24	16.36	16.25	16.30		
20	256QAM	50	50	16.32	16.29	16.27		
20	256QAM	100	0	16.26	16.26	16.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.43	16.58	16.36	17.4	0
15	QPSK	1	37	16.58	16.43	16.49		
15	QPSK	1	74	16.50	16.33	16.52		
15	QPSK	36	0	16.27	16.39	16.13	17.4	0
15	QPSK	36	20	16.28	16.42	16.34		
15	QPSK	36	39	16.42	16.40	16.34		
15	QPSK	75	0	16.24	16.54	16.22		
15	16QAM	1	0	15.99	16.11	16.09	17.4	0
15	16QAM	1	37	16.19	16.28	16.15		
15	16QAM	1	74	16.24	16.26	16.16		
15	16QAM	36	0	16.28	16.34	16.26	17.4	0
15	16QAM	36	20	16.28	16.41	16.26		
15	16QAM	36	39	16.33	16.34	16.37		
15	16QAM	75	0	16.31	16.24	16.17		
15	64QAM	1	0	16.25	16.23	16.15	17.4	0
15	64QAM	1	37	16.33	16.21	16.27		
15	64QAM	1	74	16.44	16.47	16.33		
15	64QAM	36	0	16.30	16.28	16.09	17.4	0
15	64QAM	36	20	16.43	16.36	16.29		
15	64QAM	36	39	16.42	16.31	16.25		
15	64QAM	75	0	16.41	16.33	16.16		
15	256QAM	1	0	16.22	16.24	16.15	17.4	0
15	256QAM	1	37	16.25	16.03	16.32		
15	256QAM	1	74	16.33	16.31	16.13		
15	256QAM	36	0	15.99	16.23	16.06	17.4	0
15	256QAM	36	20	16.21	16.10	16.19		
15	256QAM	36	39	16.23	16.24	16.33		
15	256QAM	75	0	16.27	16.12	16.03		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.31	16.51	16.34	17.4	0
10	QPSK	1	25	16.48	16.34	16.37		
10	QPSK	1	49	16.54	16.39	16.37		
10	QPSK	25	0	16.22	16.40	16.09	17.4	0
10	QPSK	25	12	16.16	16.37	16.19		
10	QPSK	25	25	16.31	16.27	16.19		
10	QPSK	50	0	16.34	16.28	16.17		
10	16QAM	1	0	16.09	16.07	15.90	17.4	0
10	16QAM	1	25	16.16	16.19	16.22		
10	16QAM	1	49	16.06	16.18	16.16		
10	16QAM	25	0	16.18	16.26	16.15	17.4	0
10	16QAM	25	12	16.28	16.22	16.18		
10	16QAM	25	25	16.41	16.34	16.17		
10	16QAM	50	0	16.32	16.18	16.15		
10	64QAM	1	0	16.19	16.13	16.06	17.4	0
10	64QAM	1	25	16.20	16.14	16.28		
10	64QAM	1	49	16.39	16.44	16.14		
10	64QAM	25	0	16.07	16.18	16.22	17.4	0
10	64QAM	25	12	16.22	16.38	16.23		
10	64QAM	25	25	16.37	16.37	16.21		
10	64QAM	50	0	16.29	16.13	16.09		
10	256QAM	1	0	16.16	16.32	16.19	17.4	0
10	256QAM	1	25	16.14	15.97	16.13		
10	256QAM	1	49	16.24	16.28	16.16		
10	256QAM	25	0	16.02	16.04	15.92	17.4	0
10	256QAM	25	12	16.29	16.02	16.16		
10	256QAM	25	25	16.14	16.27	16.20		
10	256QAM	50	0	16.23	16.17	15.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.23	16.36	16.20	17.4	0
5	QPSK	1	12	16.06	16.15	16.14		
5	QPSK	1	24	16.37	16.13	16.10		
5	QPSK	12	0	16.19	16.51	16.12	17.4	0
5	QPSK	12	7	16.33	16.32	16.30		
5	QPSK	12	13	16.26	16.29	16.20		
5	QPSK	25	0	16.17	16.48	16.22		
5	16QAM	1	0	15.93	16.00	16.06	17.4	0
5	16QAM	1	12	16.19	16.15	16.18		
5	16QAM	1	24	16.15	16.32	16.05		
5	16QAM	12	0	16.17	16.29	16.05	17.4	0
5	16QAM	12	7	16.31	16.30	16.30		
5	16QAM	12	13	16.31	16.25	16.17		
5	16QAM	25	0	16.37	16.13	16.08		
5	64QAM	1	0	16.19	16.11	16.12	17.4	0
5	64QAM	1	12	16.37	16.11	16.32		
5	64QAM	1	24	16.27	16.38	16.23		
5	64QAM	12	0	16.15	16.15	16.02	17.4	0
5	64QAM	12	7	16.30	16.34	16.31		
5	64QAM	12	13	16.39	16.27	16.19		
5	64QAM	25	0	16.23	16.10	16.28		
5	256QAM	1	0	16.05	16.28	16.04	17.4	0
5	256QAM	1	12	16.20	15.99	16.14		
5	256QAM	1	24	16.32	16.25	16.04		
5	256QAM	12	0	16.03	16.17	15.98	17.4	0
5	256QAM	12	7	16.26	16.15	16.17		
5	256QAM	12	13	16.24	16.18	16.28		
5	256QAM	25	0	16.22	16.16	15.97		

Band 12 (700MHz Low Band) Ant1 DSI2 Simultaneous Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.41	22.67	22.57	23.5	0
10	QPSK	1	25	22.44	22.49	22.62		
10	QPSK	1	49	22.50	22.58	22.49		
10	QPSK	25	0	22.48	22.65	22.54	23.5	0
10	QPSK	25	12	22.64	22.63	22.63		
10	QPSK	25	25	22.60	22.64	22.60		
10	QPSK	50	0	22.62	22.63	22.61		
10	16QAM	1	0	22.56	22.62	22.53	23.5	0
10	16QAM	1	25	22.42	22.45	22.60		
10	16QAM	1	49	22.46	22.55	22.46		
10	16QAM	25	0	22.45	22.48	22.49	23.5	0
10	16QAM	25	12	22.59	22.59	22.62		
10	16QAM	25	25	22.55	22.61	22.54		
10	16QAM	50	0	22.59	22.55	22.56		
10	64QAM	1	0	22.55	22.62	22.55	23.5	0
10	64QAM	1	25	22.42	22.47	22.60		
10	64QAM	1	49	22.46	22.53	22.44		
10	64QAM	25	0	21.55	21.51	21.44	23	0.5
10	64QAM	25	12	21.48	21.50	21.74		
10	64QAM	25	25	21.50	21.73	21.54		
10	64QAM	50	0	21.61	21.49	21.54		
10	256QAM	1	0	20.39	20.36	20.20	22	1.5
10	256QAM	1	25	20.27	20.35	20.42		
10	256QAM	1	49	20.32	20.58	20.24		
10	256QAM	25	0	20.57	20.47	20.42	22	1.5
10	256QAM	25	12	20.52	20.51	20.65		
10	256QAM	25	25	20.45	20.84	20.52		
10	256QAM	50	0	20.68	20.57	20.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.36	22.61	22.53	23.5	0
5	QPSK	1	12	22.40	22.46	22.60		
5	QPSK	1	24	22.44	22.53	22.45		
5	QPSK	12	0	22.44	22.49	22.52	23.5	0
5	QPSK	12	7	22.59	22.59	22.63		
5	QPSK	12	13	22.55	22.61	22.55		
5	QPSK	25	0	22.56	22.54	22.56		
5	16QAM	1	0	22.54	22.58	22.51	23.5	0
5	16QAM	1	12	22.36	22.40	22.55		
5	16QAM	1	24	22.41	22.53	22.43		
5	16QAM	12	0	22.43	22.42	22.43	23.5	0
5	16QAM	12	7	22.54	22.54	22.58		
5	16QAM	12	13	22.52	22.59	22.49		
5	16QAM	25	0	22.53	22.52	22.54		
5	64QAM	1	0	22.52	22.56	22.53	23.5	0
5	64QAM	1	12	22.37	22.41	22.57		
5	64QAM	1	24	22.42	22.49	22.42		
5	64QAM	12	0	21.49	21.43	21.37	23	0.5
5	64QAM	12	7	21.55	21.51	21.49		
5	64QAM	12	13	21.58	21.48	21.61		
5	64QAM	25	0	21.60	21.55	21.51		
5	256QAM	1	0	20.31	20.20	20.35	22	1.5
5	256QAM	1	12	20.39	20.26	20.40		
5	256QAM	1	24	20.30	20.40	20.44		
5	256QAM	12	0	20.42	20.43	20.43	22	1.5
5	256QAM	12	7	20.62	20.45	20.51		
5	256QAM	12	13	20.61	20.52	20.61		
5	256QAM	25	0	20.59	20.63	20.55		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.30	22.56	22.49	23.5	0
3	QPSK	1	8	22.37	22.40	22.57		
3	QPSK	1	14	22.40	22.51	22.41		
3	QPSK	8	0	22.39	22.45	22.48	23.5	0
3	QPSK	8	4	22.53	22.56	22.59		
3	QPSK	8	7	22.52	22.56	22.52		
3	QPSK	15	0	22.53	22.51	22.52		
3	16QAM	1	0	22.51	22.56	22.47	23.5	0
3	16QAM	1	8	22.32	22.34	22.50		
3	16QAM	1	14	22.38	22.50	22.41		
3	16QAM	8	0	22.38	22.38	22.37	23.5	0
3	16QAM	8	4	22.49	22.48	22.53		
3	16QAM	8	7	22.47	22.56	22.46		
3	16QAM	15	0	22.49	22.48	22.51		
3	64QAM	1	0	22.47	22.52	22.49	23.5	0
3	64QAM	1	8	22.34	22.38	22.52		
3	64QAM	1	14	22.40	22.44	22.36		
3	64QAM	8	0	21.27	21.30	21.26	23	0.5
3	64QAM	8	4	21.47	21.44	21.50		
3	64QAM	8	7	21.48	21.50	21.57		
3	64QAM	15	0	21.43	21.60	21.55		
3	256QAM	1	0	20.06	20.08	20.15	22	1.5
3	256QAM	1	8	20.14	20.26	20.24		
3	256QAM	1	14	20.22	20.31	20.39		
3	256QAM	8	0	20.37	20.32	20.28	22	1.5
3	256QAM	8	4	20.37	20.47	20.46		
3	256QAM	8	7	20.40	20.53	20.47		
3	256QAM	15	0	20.52	20.49	20.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.52	22.45	23.5	0
1.4	QPSK	1	3	22.33	22.37	22.52		
1.4	QPSK	1	5	22.37	22.46	22.35		
1.4	QPSK	3	0	22.36	22.41	22.43		
1.4	QPSK	3	1	22.47	22.52	22.57		
1.4	QPSK	3	3	22.50	22.54	22.48		
1.4	QPSK	6	0	22.49	22.45	22.46	23.5	0
1.4	16QAM	1	0	22.48	22.52	22.45	23.5	0
1.4	16QAM	1	3	22.27	22.29	22.45		
1.4	16QAM	1	5	22.35	22.45	22.38		
1.4	16QAM	3	0	22.33	22.35	22.32		
1.4	16QAM	3	1	22.45	22.44	22.50		
1.4	16QAM	3	3	22.45	22.54	22.41		
1.4	16QAM	6	0	22.44	22.44	22.47	23.5	0
1.4	64QAM	1	0	22.44	22.47	22.45	23.5	0
1.4	64QAM	1	3	22.31	22.36	22.48		
1.4	64QAM	1	5	22.36	22.39	22.30		
1.4	64QAM	3	0	22.21	22.40	22.23		
1.4	64QAM	3	1	22.55	22.35	22.58		
1.4	64QAM	3	3	22.57	22.66	22.37		
1.4	64QAM	6	0	21.54	21.33	21.52	23	0.5
1.4	256QAM	1	0	20.33	20.23	20.01	22	1.5
1.4	256QAM	1	3	20.45	20.08	20.36		
1.4	256QAM	1	5	20.40	20.40	20.24		
1.4	256QAM	3	0	20.28	20.42	20.19		
1.4	256QAM	3	1	20.66	20.27	20.53		
1.4	256QAM	3	3	20.53	20.67	20.45		
1.4	256QAM	6	0	20.51	20.28	20.47	22	1.5

Band 17 (700MHz Band) Ant1 DSI2 Simultaneous Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.43	22.59	22.47	23.5	0
10	QPSK	1	25	22.52	22.47	22.56		
10	QPSK	1	49	22.42	22.41	22.37		
10	QPSK	25	0	22.37	22.53	22.42	23.5	0
10	QPSK	25	12	22.48	22.47	22.50		
10	QPSK	25	25	22.49	22.42	22.52		
10	QPSK	50	0	22.36	22.50	22.47		
10	16QAM	1	0	22.40	22.55	22.45	23.5	0
10	16QAM	1	25	22.49	22.44	22.51		
10	16QAM	1	49	22.39	22.37	22.33		
10	16QAM	25	0	22.34	22.39	22.36	23.5	0
10	16QAM	25	12	22.54	22.54	22.45		
10	16QAM	25	25	22.44	22.37	22.48		
10	16QAM	50	0	22.30	22.36	22.43		
10	64QAM	1	0	22.41	22.56	22.42	23.5	0
10	64QAM	1	25	22.49	22.41	22.54		
10	64QAM	1	49	22.40	22.38	22.35		
10	64QAM	25	0	22.31	22.37	22.37	23	0.5
10	64QAM	25	12	22.54	22.52	22.47		
10	64QAM	25	25	22.47	22.38	22.47		
10	64QAM	50	0	22.34	22.35	22.45		
10	256QAM	1	0	20.51	20.60	20.75	22	1.5
10	256QAM	1	25	20.88	20.86	20.72		
10	256QAM	1	49	20.68	20.64	20.69		
10	256QAM	25	0	20.35	20.42	20.46	22	1.5
10	256QAM	25	12	20.64	20.56	20.57		
10	256QAM	25	25	20.36	20.37	20.58		
10	256QAM	50	0	20.38	20.42	20.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.57	22.43	23.5	0
5	QPSK	1	12	22.46	22.41	22.52		
5	QPSK	1	24	22.36	22.36	22.32		
5	QPSK	12	0	22.33	22.39	22.37	23.5	0
5	QPSK	12	7	22.54	22.54	22.47		
5	QPSK	12	13	22.44	22.37	22.47		
5	QPSK	25	0	22.31	22.36	22.45		
5	16QAM	1	0	22.36	22.52	22.41	23.5	0
5	16QAM	1	12	22.45	22.38	22.48		
5	16QAM	1	24	22.36	22.31	22.29		
5	16QAM	12	0	22.31	22.35	22.32	23.5	0
5	16QAM	12	7	22.48	22.49	22.40		
5	16QAM	12	13	22.38	22.33	22.42		
5	16QAM	25	0	22.25	22.33	22.39		
5	64QAM	1	0	22.39	22.52	22.38	23.5	0
5	64QAM	1	12	22.45	22.39	22.52		
5	64QAM	1	24	22.34	22.34	22.32		
5	64QAM	12	0	22.28	22.32	22.33	23	0.5
5	64QAM	12	7	22.49	22.46	22.44		
5	64QAM	12	13	22.41	22.35	22.41		
5	64QAM	25	0	22.31	22.30	22.40		
5	256QAM	1	0	20.50	20.47	20.41	22	1.5
5	256QAM	1	12	20.71	20.58	20.59		
5	256QAM	1	24	20.59	20.66	20.67		
5	256QAM	12	0	20.31	20.28	20.30	22	1.5
5	256QAM	12	7	20.51	20.48	20.38		
5	256QAM	12	13	20.39	20.41	20.46		
5	256QAM	25	0	20.27	20.40	20.37		

Band 25 (1900MHz Band) Ant1 DSI2 Simultaneous Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.24	16.27	16.19	17.1	0
20	QPSK	1	49	16.15	16.16	16.18		
20	QPSK	1	99	16.03	15.97	16.17		
20	QPSK	50	0	16.16	16.21	16.08		
20	QPSK	50	24	16.00	16.13	16.10		
20	QPSK	50	50	16.09	16.08	16.19		
20	QPSK	100	0	16.08	16.18	16.15		
20	16QAM	1	0	16.13	15.95	16.19		
20	16QAM	1	49	16.09	16.01	16.11	17.1	0
20	16QAM	1	99	15.95	15.87	15.90		
20	16QAM	50	0	16.12	16.11	16.03		
20	16QAM	50	24	16.22	16.14	16.08	17.1	0
20	16QAM	50	50	16.10	16.19	16.07		
20	16QAM	100	0	16.15	16.09	16.19		
20	64QAM	1	0	16.18	16.18	16.13		
20	64QAM	1	49	16.12	16.12	16.20	17.1	0
20	64QAM	1	99	16.11	16.14	16.21		
20	64QAM	50	0	16.11	16.19	16.08		
20	64QAM	50	24	16.20	16.03	16.15	17.1	0
20	64QAM	50	50	16.14	15.98	16.04		
20	64QAM	100	0	16.09	16.16	16.21		
20	256QAM	1	0	15.99	16.02	15.91		
20	256QAM	1	49	16.08	15.96	15.98	17.1	0
20	256QAM	1	99	15.89	16.07	16.16		
20	256QAM	50	0	15.97	15.88	16.07		
20	256QAM	50	24	16.00	16.09	15.96	17.1	0
20	256QAM	50	50	15.90	16.10	16.19		
20	256QAM	100	0	16.05	16.10	16.09		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.04	16.23	15.88		
15	QPSK	1	37	16.13	16.08	15.94	17.1	0
15	QPSK	1	74	15.89	15.84	16.17		
15	QPSK	36	0	16.04	16.22	15.86		
15	QPSK	36	20	15.99	16.04	15.94	17.1	0
15	QPSK	36	39	15.95	16.10	16.11		
15	QPSK	75	0	15.87	16.18	16.09		
15	16QAM	1	0	16.01	15.90	16.00		
15	16QAM	1	37	15.84	15.90	16.10	17.1	0
15	16QAM	1	74	15.77	15.90	15.89		
15	16QAM	36	0	16.01	15.94	16.03		
15	16QAM	36	20	16.00	16.13	15.87	17.1	0
15	16QAM	36	39	16.02	16.23	15.86		
15	16QAM	75	0	16.04	15.88	16.19		
15	64QAM	1	0	16.22	16.14	16.05		
15	64QAM	1	37	16.09	16.03	15.99	17.1	0
15	64QAM	1	74	16.12	15.98	16.02		
15	64QAM	36	0	15.90	16.17	16.09		
15	64QAM	36	20	16.20	15.94	16.01	17.1	0
15	64QAM	36	39	16.10	15.82	15.97		
15	64QAM	75	0	15.91	16.13	16.15		
15	256QAM	1	0	15.87	16.00	15.92		
15	256QAM	1	37	15.85	15.72	15.95	17.1	0
15	256QAM	1	74	15.75	16.11	16.07		
15	256QAM	36	0	15.83	15.84	16.01		
15	256QAM	36	20	15.76	15.98	15.81	17.1	0
15	256QAM	36	39	15.81	16.01	16.08		
15	256QAM	75	0	15.86	15.97	15.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.04	16.13	16.06		
10	QPSK	1	25	16.10	16.10	16.08	17.1	0
10	QPSK	1	49	15.82	15.70	16.02		
10	QPSK	25	0	16.04	15.99	16.12		
10	QPSK	25	12	16.03	15.92	15.89	17.1	0
10	QPSK	25	25	16.08	16.04			
10	QPSK	50	0	15.97	16.23	15.94		
10	16QAM	1	0	16.09	15.96	16.07		
10	16QAM	1	25	16.06	16.02	16.11	17.1	0
10	16QAM	1	49	15.77	15.84	15.86		
10	16QAM	25	0	15.97	16.00	15.98		
10	16QAM	25	12	16.11	16.10	15.95	17.1	0
10	16QAM	25	25	16.01	15.96	16.05		
10	16QAM	50	0	16.02	15.87	16.04		
10	64QAM	1	0	16.02	15.98	15.94		
10	64QAM	1	25	15.92	16.12	16.12	17.1	0
10	64QAM	1	49	15.93	15.98	16.08		
10	64QAM	25	0	16.01	16.10	16.00		
10	64QAM	25	12	16.15	15.96	15.99	17.1	0
10	64QAM	25	25	16.15	15.92	16.02		
10	64QAM	50	0	15.94	15.99	16.01		
10	256QAM	1	0	15.77	15.97	15.80		
10	256QAM	1	25	16.02	15.79	15.95	17.1	0
10	256QAM	1	49	15.68	16.11	16.11		
10	256QAM	25	0	16.01	15.77	15.96		
10	256QAM	25	12	15.81	15.87	15.95	17.1	0
10	256QAM	25	25	15.93	16.12	16.01		
10	256QAM	50	0	15.87	16.09	16.05		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.01	16.12	15.96		
5	QPSK	1	12	16.19	16.16	16.06	17.1	0
5	QPSK	1	24	15.92	15.74	16.20		
5	QPSK	12	0	16.17	15.97	15.86		
5	QPSK	12	7	15.82	16.06	15.96	17.1	0
5	QPSK	12	13	15.93	15.89	16.18		
5	QPSK	25	0	16.06	15.99	16.02		
5	16QAM	1	0	16.12	15.77	16.12		
5	16QAM	1	12	15.86	15.92	16.14	17.1	0
5	16QAM	1	24	15.78	15.77	15.84		
5	16QAM	12	0	16.02	16.04	15.96		
5	16QAM	12	7	16.13	15.96	15.94	17.1	0
5	16QAM	12	13	15.98	16.03	16.00		
5	16QAM	25	0	15.94	15.97	16.14		
5	64QAM	1	0	16.13	16.15	15.96		
5	64QAM	1	12	15.96	16.03	16.17	17.1	0
5	64QAM	1	24	16.01	16.07	16.00		
5	64QAM	12	0	16.13	16.13	16.06		
5	64QAM	12	7	16.18	16.02	15.94	17.1	0
5	64QAM	12	13	16.07	15.90	15.81		
5	64QAM	25	0	15.88	15.97	16.11		
5	256QAM	1	0	15.81	15.91	15.70		
5	256QAM	1	12	15.99	16.00	15.90	17.1	0
5	256QAM	1	24	15.88	15.87	16.00		
5	256QAM	12	0	15.99	16.16	15.96		
5	256QAM	12	7	15.94	15.99	15.86	17.1	0
5	256QAM	12	13	15.80	15.96	16.23		
5	256QAM	25	0	15.87	16.14	15.87		
Channel				26053	26340	26677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.79	16.14	16.04		
3	QPSK	1	8	15.95	16.17	16.19	17.1	0
3	QPSK	1	14	16.02	15.86	16.17		
3	QPSK	8	0	16.20	16.17	15.89		
3	QPSK	8	4	15.77	16.06	15.98	17.1	0
3	QPSK	8	7	15.85	15.97	16.15		
3	QPSK	15	0	15.87	16.08	16.03		
3	16QAM	1	0	16.08	15.84	15.99		
3	16QAM	1	8	15.92	15.88	15.97	17.1	0
3	16QAM	1	14	15.89	15.66	15.66		
3	16QAM	8	0	15.91	16.09	16.04		
3	16QAM	8	4	16.00	16.16	16.03	17.1	0
3	16QAM	8	7	15.98	16.14	16.06		
3	16QAM	15	0	16.05	16.14	15.99		
3	64QAM	1	0	16.12	16.03	16.14		
3	64QAM	1	8	16.11	15.94	16.13	17.1	0
3	64QAM	1	14	15.87	16.09	16.03		
3	64QAM	8	0	16.01	16.14	15.86		
3	64QAM	8	4	16.15	15.91	15.91	17.1	0
3	64QAM	8	7	16.09	15.94	15.98		
3	64QAM	15	0	15.85	15.94	16.06		
3	256QAM	1	0	16.03	16.05	15.88		
3	256QAM	1	8	16.08	16.01	15.87	17.1	0
3	256QAM	1	14	15.89	15.85	16.13		
3	256QAM	8	0	15.83	15.87	15.93		
3	256QAM	8	4	15.81	16.11	15.95	17.1	0
3	256QAM	8	7	15.85	15.93	16.05		
3	256QAM	15	0	15.84	16.15	16.08		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.82	16.20	15.89		
1.4	QPSK	1	3	15.91	16.00	16.14		
1.4	QPSK	1	5	16.04	16.01	16.02	17.1	0
1.4	QPSK	3	0	15.91	16.21	15.87		
1.4	QPSK	3	1	15.79	16.08	16.05		
1.4	QPSK	3	3	16.10	16.13	16.20		
1.4	QPSK	6	0	15.98	15.95	16.07	17.1	0
1.4	16QAM	1	0	15.99	15.83	16.21		
1.4	16QAM	1	3	16.12	15.78	15.89		
1.4	16QAM	1	5	15.71	16.17	15.85	17.1	0
1.4	16QAM	3	0	16.05	16.12	16.05		
1.4	16QAM	3	1	16.14	16.06	15.97		
1.4	16QAM	3	3	15.92	16.00	15.92		
1.4	16QAM	6	0	15.93	16.07	16.04	17.1	0
1.4	64QAM	1	0	16.13	15.97	15.98		
1.4	64QAM	1	3	15.93	15.96	16.18		
1.4	64QAM	1	5	16.12	15.97	16.01	17.1	0
1.4	64QAM	3	0	15.88	16.01	16.10		
1.4	64QAM	3	1	16.01	15.78	16.18		
1.4	64QAM	3	3	16.04	15.78	15.95		
1.4	64QAM	6	0	15.92	15.99	16.15	17.1	0
1.4	256QAM	1	0	15.87	16.03	15.72		
1.4	256QAM	1	3	16.10	15.96	15.98		
1.4	256QAM	1	5	16.16	15.82	16.18	17.1	0
1.4	256QAM	3	0	15.88	15.89	15.91		
1.4	256QAM	3	1	15.95	15.96	15.97		
1.4	256QAM	3	3	15.88	16.15	16.23		
1.4	256QAM	6	0	15.81	15.91	15.92	17.1	0

Band 26 for FCC Ant1 DSI2 Simultaneous Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.07	22.21	22.15	23.1	0
15	QPSK	1	37	22.10	22.11	22.18		
15	QPSK	1	74	22.06	22.20	22.13		
15	QPSK	36	0	22.01	22.19	22.06		
15	QPSK	36	20	22.07	22.05	22.01		
15	QPSK	36	39	21.97	22.03	22.01		
15	QPSK	75	0	22.03	22.17	21.98		
15	16QAM	1	0	22.00	21.87	21.93		
15	16QAM	1	37	21.96	21.95	22.01		
15	16QAM	1	74	21.83	21.97	21.90		
15	16QAM	36	0	21.94	21.83	21.94		
15	16QAM	36	20	21.97	21.93	21.92		
15	16QAM	36	39	21.89	21.97	21.92		
15	16QAM	75	0	21.93	21.93	21.88		
15	64QAM	1	0	22.09	22.03	22.07		
15	64QAM	1	37	22.10	22.12	22.09		
15	64QAM	1	74	21.91	22.15	21.97		
15	64QAM	36	0	21.98	22.14	22.05		
15	64QAM	36	20	21.98	22.02	22.10		
15	64QAM	36	39	21.96	22.09	22.03		
15	64QAM	75	0	21.91	22.08	21.95		
15	256QAM	1	0	20.31	20.57	20.19		
15	256QAM	1	37	20.42	20.37	20.31	22	1.1
15	256QAM	1	74	20.17	20.19	20.20		
15	256QAM	36	0	20.39	20.24	20.39		
15	256QAM	36	20	20.34	20.36	20.40		
15	256QAM	36	39	20.45	20.33	20.32		
15	256QAM	75	0	20.46	20.31	20.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.93	22.20	22.18		
10	QPSK	1	25	22.15	22.09	22.12	23.1	0
10	QPSK	1	49	22.01	22.13	22.10		
10	QPSK	25	0	22.03	22.08	21.98		
10	QPSK	25	12	22.06	22.05	22.05	23.1	0
10	QPSK	25	25	21.82	22.07	21.95		
10	QPSK	50	0	22.03	22.03	21.95		
10	16QAM	1	0	22.02	21.79	21.88		
10	16QAM	1	25	21.83	21.84	21.91	23.1	0
10	16QAM	1	49	21.70	22.01	21.76		
10	16QAM	25	0	21.88	21.82	21.96		
10	16QAM	25	12	21.94	21.78	21.90	23.1	0
10	16QAM	25	25	21.92	21.90	21.96		
10	16QAM	50	0	21.94	21.94	21.73		
10	64QAM	1	0	21.96	22.03	21.94		
10	64QAM	1	25	22.10	22.01	21.94	23.1	0
10	64QAM	1	49	21.81	22.13	21.87		
10	64QAM	25	0	21.88	22.04	21.97		
10	64QAM	25	12	21.87	21.92	22.01	23.1	0
10	64QAM	25	25	21.85	21.99	21.96		
10	64QAM	50	0	21.80	22.01	21.85		
10	256QAM	1	0	20.28	20.61	20.17		
10	256QAM	1	25	20.39	20.33	20.30	22	1.1
10	256QAM	1	49	20.17	20.18	20.17		
10	256QAM	25	0	20.39	20.25	20.37		
10	256QAM	25	12	20.34	20.34	20.39	22	1.1
10	256QAM	25	25	20.46	20.34	20.32		
10	256QAM	50	0	20.41	20.33	20.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.93	22.20	22.18	23.1	0
5	QPSK	1	12	22.15	22.09	22.12		
5	QPSK	1	24	22.01	22.13	22.10		
5	QPSK	12	0	22.03	22.08	21.98		
5	QPSK	12	7	22.06	22.05	22.05	23.1	0
5	QPSK	12	13	21.82	22.07	21.95		
5	QPSK	25	0	22.03	22.03	21.95		
5	16QAM	1	0	22.02	21.79	21.86		
5	16QAM	1	12	21.83	21.84	21.91	23.1	0
5	16QAM	1	24	21.70	22.01	21.76		
5	16QAM	12	0	21.88	21.82	21.96		
5	16QAM	12	7	21.94	21.78	21.90	23.1	0
5	16QAM	12	13	21.92	21.90	21.96		
5	16QAM	25	0	21.94	21.94	21.73		
5	64QAM	1	0	21.96	22.03	21.94		
5	64QAM	1	12	22.10	22.01	21.94	23.1	0
5	64QAM	1	24	21.81	22.13	21.87		
5	64QAM	12	0	21.88	22.04	21.97		
5	64QAM	12	7	21.87	21.92	22.01	23.1	0
5	64QAM	12	13	21.85	21.99	21.96		
5	64QAM	25	0	21.80	22.01	21.85		
5	256QAM	1	0	20.28	20.61	20.17		
5	256QAM	1	12	20.39	20.33	20.30	22	1.1
5	256QAM	1	24	20.17	20.18	20.17		
5	256QAM	12	0	20.39	20.25	20.37		
5	256QAM	12	7	20.34	20.34	20.39	22	1.1
5	256QAM	12	13	20.45	20.34	20.32		
5	256QAM	25	0	20.41	20.33	20.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.07	22.06	22.03	23.1	0
3	QPSK	1	8	22.12	22.02	22.12		
3	QPSK	1	14	22.06	22.07	22.03		
3	QPSK	8	0	22.05	22.13	21.92		
3	QPSK	8	4	22.08	21.92	21.92	23.1	0
3	QPSK	8	7	21.86	22.02	21.94		
3	QPSK	15	0	22.05	22.19	21.93		
3	16QAM	1	0	21.90	21.88	21.96		
3	16QAM	1	8	21.87	21.82	22.00	23.1	0
3	16QAM	1	14	21.82	21.99	21.80		
3	16QAM	8	0	21.83	21.77	21.91		
3	16QAM	8	4	21.89	21.87	21.79	23.1	0
3	16QAM	8	7	21.94	21.87	21.91		
3	16QAM	15	0	21.96	21.80	21.83		
3	64QAM	1	0	22.02	21.94	22.07		
3	64QAM	1	8	22.14	21.98	22.06	23.1	0
3	64QAM	1	14	21.87	22.11	21.95		
3	64QAM	8	0	21.88	22.04	21.97		
3	64QAM	8	4	21.87	21.92	22.01	23.1	0
3	64QAM	8	7	21.85	21.99	21.96		
3	64QAM	15	0	21.80	22.01	21.85		
3	256QAM	1	0	20.28	20.61	20.17		
3	256QAM	1	8	20.39	20.33	20.30	22	1.1
3	256QAM	1	14	20.17	20.18	20.17		
3	256QAM	8	0	20.39	20.25	20.37		
3	256QAM	8	4	20.34	20.34	20.39	22	1.1
3	256QAM	8	7	20.45	20.34	20.32		
3	256QAM	15	0	20.41	20.33	20.46		
Channel				26607	26865	27123	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.05	22.19	22.00	23.1	0
1.4	QPSK	1	3	21.97	22.05	22.17		
1.4	QPSK	1	5	22.03	22.07	22.08		
1.4	QPSK	3	0	21.90	22.20	22.04		
1.4	QPSK	3	1	22.01	21.99	21.90		
1.4	QPSK	3	3	21.90	22.05	22.04		
1.4	QPSK	6	0	22.05	22.13	21.86	23.1	0
1.4	16QAM	1	0	21.92	21.73	21.89	23.1	0
1.4	16QAM	1	3	21.97	21.97	22.01		
1.4	16QAM	1	5	21.69	21.90	21.83		
1.4	16QAM	3	0	21.90	21.69	21.92		
1.4	16QAM	3	1	22.00	21.97	21.92		
1.4	16QAM	3	3	21.82	21.98	21.79		
1.4	16QAM	6	0	21.90	21.97	21.81	23.1	0
1.4	64QAM	1	0	22.07	22.02	22.01	23.1	0
1.4	64QAM	1	3	22.12	21.98	22.00		
1.4	64QAM	1	5	21.82	22.16	21.99		
1.4	64QAM	3	0	22.03	22.10	22.00		
1.4	64QAM	3	1	22.08	21.98	21.82		
1.4	64QAM	3	3	21.96	22.05	21.88		
1.4	64QAM	6	0	21.88	22.04	21.97	23.1	0
1.4	256QAM	1	0	20.28	20.61	20.17	22	1.1
1.4	256QAM	1	3	20.39	20.33	20.30		
1.4	256QAM	1	5	20.17	20.18	20.17		
1.4	256QAM	3	0	20.39	20.25	20.37		
1.4	256QAM	3	1	20.34	20.34	20.39		
1.4	256QAM	3	3	20.45	20.34	20.32		
1.4	256QAM	6	0	20.41	20.33	20.46	22	1.1

Band 66 Ant1 DSI2 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.16	15.33	15.21	16.2	0
20	QPSK	1	49	15.20	15.08	15.13		
20	QPSK	1	99	15.09	15.23	15.16		
20	QPSK	50	0	15.07	15.30	15.20		
20	QPSK	50	24	15.14	15.19	15.23	16.2	0
20	QPSK	50	50	15.11	15.12	15.15		
20	QPSK	100	0	15.11	15.28	15.17		
20	16QAM	1	0	15.05	15.17	15.21		
20	16QAM	1	49	15.12	15.24	15.16	16.2	0
20	16QAM	1	99	15.00	15.06	15.04		
20	16QAM	50	0	15.05	15.23	15.26		
20	16QAM	50	24	15.11	15.24	15.25	16.2	0
20	16QAM	50	50	15.09	15.20	15.16		
20	16QAM	100	0	15.08	15.18	15.21		
20	64QAM	1	0	15.24	15.15	15.11		
20	64QAM	1	49	15.21	15.18	15.24	16.2	0
20	64QAM	1	99	15.17	15.23	15.12		
20	64QAM	50	0	15.03	15.22	15.24		
20	64QAM	50	24	15.12	15.20	15.14	16.2	0
20	64QAM	50	50	15.08	15.17	15.18		
20	64QAM	100	0	15.10	15.18	15.21		
20	256QAM	1	0	15.13	15.06	15.04		
20	256QAM	1	49	15.16	15.10	15.09	16.2	0
20	256QAM	1	99	15.10	15.08	15.01		
20	256QAM	50	0	15.11	15.14	15.14		
20	256QAM	50	24	15.00	15.09	15.06	16.2	0
20	256QAM	50	50	15.05	15.07	15.10		
20	256QAM	100	0	15.08	15.09	15.07		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.15	15.32	15.28		
15	QPSK	1	37	15.18	15.01	15.08	16.2	0
15	QPSK	1	74	15.09	15.18	15.08		
15	QPSK	36	0	15.07	15.23	15.12		
15	QPSK	36	20	15.10	15.13	15.15	16.2	0
15	QPSK	36	39	15.11	15.04	15.11		
15	QPSK	75	0	15.08	15.27	15.09		
15	16QAM	1	0	15.02	15.15	15.11		
15	16QAM	1	37	15.04	15.18	15.11	16.2	0
15	16QAM	1	74	15.08	15.05	15.16		
15	16QAM	36

Band 38(only on channel required) Ant1 DSI2 Power

BW [MHz]	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	17.59	17.61	17.82	18.5	0
20	QPSK	1	49	17.60	17.57	17.85		
20	QPSK	1	99	17.60	17.75	17.54		
20	QPSK	50	0	17.64	17.83	17.64	18.5	0
20	QPSK	50	24	17.72	17.51	17.63		
20	QPSK	50	50	17.67	17.58	17.56		
20	QPSK	100	0	17.63	17.77	17.62		
20	16QAM	1	0	17.59	17.69	17.46	18.5	0
20	16QAM	1	49	17.70	17.62	17.71		
20	16QAM	1	99	17.60	17.66	17.46		
20	16QAM	50	0	17.64	17.52	17.73	18.5	0
20	16QAM	50	24	17.66	17.54	17.64		
20	16QAM	50	50	17.67	17.61	17.63		
20	16QAM	100	0	17.79	17.58	17.65		
20	64QAM	1	0	17.59	17.55	17.43	18.5	0
20	64QAM	1	49	17.71	17.43	17.78		
20	64QAM	1	99	17.68	17.65	17.55		
20	64QAM	50	0	17.71	17.49	17.49	18.5	0
20	64QAM	50	24	17.90	17.45	17.63		
20	64QAM	50	50	17.74	17.76	17.71		
20	64QAM	100	0	17.74	17.46	17.57		
20	256QAM	1	0	17.63	17.27	17.34	18.5	0
20	256QAM	1	49	17.60	17.40	17.63		
20	256QAM	1	99	17.64	17.35	17.53		
20	256QAM	50	0	17.66	17.66	17.55	18.5	0
20	256QAM	50	24	17.87	17.53	17.70		
20	256QAM	50	50	17.81	17.66	17.53		
20	256QAM	100	0	17.53	17.66	17.54		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	17.61	17.79	17.70	18.5	0
15	QPSK	1	37	17.57	17.38	17.68		
15	QPSK	1	74	17.43	17.84	17.46		
15	QPSK	36	0	17.55	17.89	17.68	18.5	0
15	QPSK	36	20	17.62	17.42	17.52		
15	QPSK	36	39	17.72	17.65	17.42		
15	QPSK	75	0	17.58	17.80	17.53		
15	16QAM	1	0	17.41	17.77	17.45	18.5	0
15	16QAM	1	37	17.58	17.54	17.58		
15	16QAM	1	74	17.44	17.75	17.32		
15	16QAM	36	0	17.65	17.54	17.72	18.5	0
15	16QAM	36	20	17.60	17.63	17.55		
15	16QAM	36	39	17.67	17.55	17.60		
15	16QAM	75	0	17.66	17.58	17.64		
15	64QAM	1	0	17.62	17.43	17.42	18.5	0
15	64QAM	1	37	17.62	17.41	17.78		
15	64QAM	1	74	17.64	17.68	17.58		
15	64QAM	36	0	17.59	17.56	17.35	18.5	0
15	64QAM	36	20	17.65	17.52	17.58		
15	64QAM	36	39	17.71	17.74	17.64		
15	64QAM	75	0	17.65	17.32	17.45		
15	256QAM	1	0	17.47	17.29	17.21	18.5	0
15	256QAM	1	37	17.46	17.27	17.54		
15	256QAM	1	74	17.52	17.33	17.51		
15	256QAM	36	0	17.71	17.35	17.38	18.5	0
15	256QAM	36	20	17.85	17.51	17.60		
15	256QAM	36	39	17.83	17.49	17.62		
15	256QAM	75	0	17.46	17.64	17.37		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	17.57	17.69	17.68	18.5	0
10	QPSK	1	25	17.44	17.63	17.59		
10	QPSK	1	49	17.42	17.76	17.50		
10	QPSK	25	0	17.51	17.69	17.67	18.5	0
10	QPSK	25	12	17.61	17.53	17.71		
10	QPSK	25	25	17.53	17.56	17.47		
10	QPSK	50	0	17.68	17.59	17.67		
10	16QAM	1	0	17.68	17.66	17.33	18.5	0
10	16QAM	1	25	17.74	17.51	17.72		
10	16QAM	1	49	17.42	17.72	17.47		
10	16QAM	25	0	17.50	17.46	17.70	18.5	0
10	16QAM	25	12	17.72	17.49	17.45		
10	16QAM	25	25	17.64	17.68	17.68		
10	16QAM	50	0	17.63	17.50	17.71		
10	64QAM	1	0	17.68	17.61	17.33	18.5	0
10	64QAM	1	25	17.76	17.53	17.71		
10	64QAM	1	49	17.55	17.54	17.57		
10	64QAM	25	0	17.65	17.58	17.41	18.5	0
10	64QAM	25	12	17.88	17.49	17.57		
10	64QAM	25	25	17.66	17.83	17.63		
10	64QAM	50	0	17.77	17.33	17.39		
10	256QAM	1	0	17.56	17.62	17.38	18.5	0
10	256QAM	1	25	17.64	17.34	17.54		
10	256QAM	1	49	17.54	17.22	17.38		
10	256QAM	25	0	17.60	17.41	17.45	18.5	0
10	256QAM	25	12	17.77	17.59	17.79		
10	256QAM	25	25	17.63	17.55	17.33		
10	256QAM	50	0	17.41	17.50	17.56		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	17.57	17.89	17.81	18.5	0
5	QPSK	1	12	17.58	17.40	17.73		
5	QPSK	1	24	17.65	17.83	17.44		
5	QPSK	12	0	17.51	17.90	17.63	18.5	0
5	QPSK	12	7	17.72	17.50	17.72		
5	QPSK	12	13	17.49	17.43	17.66		
5	QPSK	25	0	17.52	17.81	17.55		
5	16QAM	1	0	17.56	17.60	17.44	18.5	0
5	16QAM	1	12	17.52	17.52	17.80		
5	16QAM	1	24	17.58	17.74	17.52		
5	16QAM	12	0	17.74	17.33	17.62	18.5	0
5	16QAM	12	7	17.69	17.41	17.65		
5	16QAM	12	13	17.57	17.48	17.48		
5	16QAM	25	0	17.63	17.46	17.51		
5	64QAM	1	0	17.51	17.36	17.38	18.5	0
5	64QAM	1	12	17.54	17.36	17.62		
5	64QAM	1	24	17.69	17.47	17.63		
5	64QAM	12	0	17.68	17.41	17.40	18.5	0
5	64QAM	12	7	17.80	17.38	17.48		
5	64QAM	12	13	17.62	17.78	17.67		
5	64QAM	25	0	17.68	17.46	17.64		
5	256QAM	1	0	17.53	17.31	17.15	18.5	0
5	256QAM	1	12	17.48	17.40	17.64		
5	256QAM	1	24	17.65	17.41	17.33		
5	256QAM	12	0	17.60	17.41	17.37	18.5	0
5	256QAM	12	7	17.79	17.34	17.63		
5	256QAM	12	13	17.72	17.61	17.58		
5	256QAM	25	0	17.62	17.56	17.48		

Band 38(only on channel required) PC2 Ant1 DSI2 Power

BW [MHz]	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	19.11	19.21	19.17	20.1	0
20	QPSK	1	49	19.02	18.95	19.02		
20	QPSK	1	99	19.04	18.95	18.83		
20	QPSK	50	0	19.01	19.13	19.09	20.1	0
20	QPSK	50	24	18.81	18.79	18.94		
20	QPSK	50	50	18.84	18.86	18.86		
20	QPSK	100	0	18.79	18.93	18.85		
20	16QAM	1	0	18.70	18.71	18.80	20.1	0
20	16QAM	1	49	18.83	18.86	18.89		
20	16QAM	1	99	18.86	18.88	18.87		
20	16QAM	50	0	18.73	18.72	18.75	20.1	0
20	16QAM	50	24	18.90	18.82	18.87		
20	16QAM	50	50	18.83	18.84	18.89		
20	16QAM	100	0	18.81	18.81	18.91		
20	64QAM	1	0	18.71	18.84	18.83	20.1	0
20	64QAM	1	49	18.81	18.87	18.93		
20	64QAM	1	99	18.93	18.82	18.91		
20	64QAM	50	0	18.69	18.75	18.76	20.1	0
20	64QAM	50	24	18.87	18.81	18.86		
20	64QAM	50	50	18.85	18.82	18.89		
20	64QAM	100	0	18.80	18.86	18.88		
20	256QAM	1	0	18.67	18.65	18.79	20.1	0
20	256QAM	1	49	18.71	18.77	18.77		
20	256QAM	1	99	18.85	18.69	18.89		
20	256QAM	50	0	18.53	18.59	18.72	20.1	0
20	256QAM	50	24	18.80	18.66	18.83		
20	256QAM	50	50	18.75	18.75	18.76		
20	256QAM	100	0	18.72	18.81	18.81		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	18.82	18.88	18.92	20.1	0
15	QPSK	1	37	18.97	18.87	18.86		
15	QPSK	1	74	18.93	18.83	18.73		
15	QPSK	36	0	18.55	18.93	18.67	20.1	0
15	QPSK	36	20	18.77	18.64	18.86		
15	QPSK	36	39	18.69	18.69	18.80		
15	QPSK	75	0	18.75	18.89	18.73		
15	16QAM	1	0	18.61	18.61	18.73	20.1	0
15	16QAM	1	37	18.74	18.83	18.81		
15	16QAM	1	74	18.74	18.77	18.76		
15	16QAM	36	0	18.59	18.69	18.64	20.1	0
15	16QAM	36	20	18.80	18.69	18.83		
15	16QAM	36	39	18.69	18.71	18.76		
15	16QAM	75	0	18.64	18.74	18.73		
15	64QAM	1	0	18.58	18.72	18.79	20.1	0
15	64QAM	1	37	18.71	18.70	18.76		
15	64QAM	1	74	18.86	18.76	18.90		
15	64QAM	36	0	18.58	18.67	18.71	20.1	0
15	64QAM	36	20	18.68	18.71	18.82		
15	64QAM	36	39	18.72	18.77	18.74		
15	64QAM	75	0	18.70	18.77	18.83		
15	256QAM	1	0	18.59	18.60	18.75	20.1	0
15	256QAM	1	37	18.66	18.74	18.74		
15	256QAM	1	74	18.74	18.58	18.74		
15	256QAM	36	0	18.49	18.47	18.61	20.1	0
15	256QAM	36	20	18.67	18.49	18.73		
15	256QAM	36	39	18.63	18.65	18.64		
15	256QAM	75	0	18.65	18.65	18.67		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	18.91	18.91	18.95	20.1	0
10	QPSK	1	25	18.98	18.86	18.89		
10	QPSK	1	49	18.94	18.81	18.72		
10	QPSK	25	0	18.63	18.92	18.67	20.1	0
10	QPSK	25	12	18.80	18.73	18.86		
10	QPSK	25	25	18.69	18.77	18.84		
10	QPSK	50	0	18.75	18.78	18.80		
10	16QAM	1	0	18.60	18.65	18.68	20.1	0
10	16QAM	1	25	18.74	18.80	18.86		
10	16QAM	1	49	18.74	18.78	18.80		
10	16QAM	25	0	18.61	18.57	18.71	20.1	0
10	16QAM	25	12	18.77	18.73	18.82		
10	16QAM	25	25	18.67	18.78	18.77		
10	16QAM	50	0	18.65	18.68	18.84		
10	64QAM	1	0	18.65	18.79	18.68	20.1	0
10	64QAM	1	25	18.69	18.69	18.76		
10	64QAM	1	49	18.80	18.76	18.85		
10	64QAM	25	0	18.61	18.63	18.66	20.1	0
10	64QAM	25	12	18.68	18.70	18.85		
10	64QAM	25	25	18.72	18.71	18.76		
10	64QAM	50	0	18.74	18.72	18.82		
10	256QAM	1	0	18.48	18.60	18.62	20.1	0
10	256QAM	1	25	18.66	18.67	18.65		
10	256QAM	1	49	18.75	18.67	18.75		
10	256QAM	25	0	18.40	18.47	18.58	20.1	0
10	256QAM	25	12	18.72	18.56	18.66		
10	256QAM	25	25	18.66	18.68	18.69		
10	256QAM	50	0	18.66	18.70	18.64		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	18.89	19.00	18.96	20.1	0
5	QPSK	1	12	18.93	18.81	19.01		
5	QPSK	1	24	18.93	18.90	18.68		
5	QPSK	12	0	18.57	18.82	18.63	20.1	0
5	QPSK	12	7	18.77	18.69	18.81		
5	QPSK	12	13	18.74	18.69	18.81		
5	QPSK	25	0	18.73	18.93	18.70		
5	16QAM	1	0	18.61	18.69	18.65	20.1	0
5	16QAM	1	12	18.68	18.77	18.82		
5	16QAM	1	24	18.75	18.81	18.81		
5	16QAM	12	0	18.66	18.61	18.64	20.1	0
5	16QAM	12	7	18.78	18.72	18.81		
5	16QAM	12	13	18.71	18.73	18.73		
5	16QAM	25	0	18.68	18.73	18.83		
5	64QAM	1	0	18.60	18.76	18.77	20.1	0
5	64QAM	1	12	18.75	18.76	18.83		
5	64QAM	1	24	18.84	18.67	18.84		
5	64QAM	12	0	18.55	18.64	18.67	20.1	0
5	64QAM	12	7	18.73	18.65	18.73		
5	64QAM	12	13	18.70	18.70	18.79		
5	64QAM	25	0	18.71	18.70	18.79		
5	256QAM	1	0	18.50	18.59	18.65	20.1	0
5	256QAM	1	12	18.59	18.70	18.66		
5	256QAM	1	24	18.74	18.57	18.71		
5	256QAM	12	0	18.44	18.50	18.56	20.1	0
5	256QAM	12	7	18.77	18.50	18.66		
5	256QAM	12	13	18.57	18.56	18.71		
5	256QAM	25	0	18.62	18.62	18.77		

Band 41 (2.6G Band) Ant1 DSI2 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.67	17.62	17.95	17.81	17.93	19.1	0
20	QPSK	1	49	17.71	17.69	17.65	17.83	17.69		
20	QPSK	1	99	17.61	17.66	17.71	17.65	17.75		
20	QPSK	50	0	17.70	17.68	17.90	17.60	17.71	19.1	0
20	QPSK	50	24	17.81	17.81	17.64	17.80	17.89		
20	QPSK	50	50	17.78	17.76	17.72	17.67	17.83		
20	QPSK	100	0	17.81	17.79	17.86	17.67	17.79		
20	16QAM	1	0	17.65	17.68	17.72	17.47	17.68	19.1	0
20	16QAM	1	49	17.73	17.69	17.71	17.71	17.65		
20	16QAM	1	99	17.64	17.67	17.74	17.50	17.77		
20	16QAM	50	0	17.73	17.69	17.64	17.63	17.68	19.1	0
20	16QAM	50	24	17.75	17.82	17.65	17.83	17.69		
20	16QAM	50	50	17.79	17.80	17.73	17.69	17.81		
20	16QAM	100	0	17.81	17.79	17.62	17.56	17.79		
20	64QAM	1	0	17.66	17.69	17.51	17.43	17.52	19.1	0
20	64QAM	1	49	17.64	17.66	17.50	17.74	17.56		
20	64QAM	1	99	17.75	17.68	17.58	17.60	17.75		
20	64QAM	50	0	17.73	17.68	17.63	17.63	17.72	19.1	0
20	64QAM	50	24	17.80	17.82	17.63	17.82	17.66		
20	64QAM	50	50	17.76	17.80	17.72	17.69	17.82		
20	64QAM	100	0	17.83	17.78	17.63	17.59	17.79		
20	256QAM	1	0	17.55	17.61	17.44	17.37	17.41	19.1	0
20	256QAM	1	49	17.48	17.62	17.42	17.65	17.47		
20	256QAM	1	99	17.68	17.57	17.53	17.47	17.60		
20	256QAM	50	0	17.59	17.62	17.50	17.52	17.68	19.1	0
20	256QAM	50	24	17.65	17.78	17.55	17.69	17.59		
20	256QAM	50	50	17.66	17.74	17.66	17.55	17.70		
20	256QAM	100	0	17.78	17.64	17.59	17.44	17.66		
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	17.59	17.47	17.79	17.72	17.60	19	0
15	QPSK	1	37	17.56	17.61	17.59	17.71	17.56		
15	QPSK	1	74	17.54	17.59	17.58	17.57	17.64		
15	QPSK	36	0	17.57	17.53	17.79	17.46	17.58	19.1	0
15	QPSK	36	20	17.69	17.70	17.59	17.73	17.81		
15	QPSK	36	39	17.70	17.66	17.59	17.57	17.73		
15	QPSK	75	0	17.74	17.67	17.77	17.55	17.64		
15	16QAM	1	0	17.50	17.57	17.61	17.38	17.54	19.1	0
15	16QAM	1	37	17.65	17.61	17.61	17.58	17.49		
15	16QAM	1	74	17.52	17.51	17.64	17.44	17.66		
15	16QAM	36	0	17.62	17.57	17.56	17.52	17.58	19.1	0
15	16QAM	36	20	17.59	17.66	17.58	17.69	17.58		
15	16QAM	36	39	17.73	17.74	17.58	17.58	17.71		
15	16QAM	75	0	17.66	17.73	17.50	17.48	17.71		
15	64QAM	1	0	17.61	17.62	17.38	17.28	17.37	19.1	0
15	64QAM	1	37	17.56	17.57	17.43	17.68	17.41		
15	64QAM	1	74	17.61	17.54	17.48	17.49	17.66		
15	64QAM	36	0	17.64	17.60	17.54	17.56	17.58	19.1	0
15	64QAM	36	20	17.68	17.67	17.53	17.71	17.58		
15	64QAM	36	39	17.68	17.74	17.58	17.56	17.77		
15	64QAM	75	0	17.77	17.72	17.57	17.48	17.69		
15	256QAM	1	0	17.44	17.45	17.31	17.24	17.37	19.1	0
15	256QAM	1	37	17.38	17.47	17.32	17.53	17.38		
15	256QAM	1	74	17.61	17.50	17.42	17.32	17.55		
15	256QAM	36	0	17.48	17.53	17.44	17.42	17.62	19.1	0
15	256QAM	36	20	17.56	17.67	17.43	17.62	17.51		
15	256QAM	36	39	17.50	17.67	17.58	17.41	17.62		
15	256QAM	75	0	17.64	17.54	17.44	17.35	17.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	17.54	17.51	17.88	17.65	17.66	19	0
10	QPSK	1	25	17.66	17.59	17.54	17.78	17.62		
10	QPSK	1	49	17.49	17.58	17.64	17.58	17.64		
10	QPSK	25	0	17.60	17.63	17.74	17.54	17.56	19.1	0
10	QPSK	25	12	17.67	17.65	17.55	17.72	17.78		
10	QPSK	25	25	17.66	17.65	17.60	17.59	17.72		
10	QPSK	50	0	17.71	17.68	17.74	17.58	17.63		
10	16QAM	1	0	17.53	17.56	17.58	17.42	17.57	19.1	0
10	16QAM	1	25	17.65	17.54	17.59	17.64	17.54		
10	16QAM	1	49	17.58	17.51	17.61	17.41	17.67		
10	16QAM	25	0	17.62	17.61	17.56	17.51	17.64	19.1	0
10	16QAM	25	12	17.59	17.72	17.54	17.77	17.58		
10	16QAM	25	25	17.66	17.67	17.59	17.57	17.69		
10	16QAM	50	0	17.72	17.68	17.47	17.50	17.63		
10	64QAM	1	0	17.62	17.56	17.47	17.34	17.43	19.1	0
10	64QAM	1	25	17.51	17.58	17.45	17.62	17.50		
10	64QAM	1	49	17.66	17.61	17.50	17.44	17.66		
10	64QAM	25	0	17.68	17.63	17.52	17.59	17.64	19.1	0
10	64QAM	25	12	17.75	17.72	17.53	17.68	17.60		
10	64QAM	25	25	17.70	17.66	17.56	17.54	17.73		
10	64QAM	50	0	17.76	17.66	17.50	17.47	17.74		
10	256QAM	1	0	17.42	17.54	17.39	17.31	17.35	19.1	0
10	256QAM	1	25	17.40	17.46	17.36	17.57	17.34		
10	256QAM	1	49	17.55	17.46	17.47	17.41	17.51		
10	256QAM	25	0	17.46	17.53	17.37	17.42	17.54	19.1	0
10	256QAM	25	12	17.61	17.62	17.44	17.56	17.44		
10	256QAM	25	25	17.57	17.59	17.55	17.47	17.66		
10	256QAM	50	0	17.68	17.56	17.48	17.39	17.53		
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	17.53	17.47	17.83	17.76	17.68	19	0
5	QPSK	1	12	17.55	17.55	17.59	17.72	17.62		
5	QPSK	1	24	17.56	17.58	17.61	17.59	17.68		
5	QPSK	12	0	17.57	17.62	17.79	17.50	17.62	19.1	0
5	QPSK	12	7	17.72	17.69	17.55	17.74	17.80		
5	QPSK	12	13	17.67	17.61	17.56	17.59	17.70		
5	QPSK	25	0	17.71	17.67	17.79	17.55	17.72		
5	16QAM	1	0	17.61	17.55	17.63	17.38	17.56	19.1	0
5	16QAM	1	12	17.66	17.60	17.58	17.67	17.54		
5	16QAM	1	24	17.59	17.54	17.61	17.46	17.68		
5	16QAM	12	0	17.60	17.55	17.54	17.53	17.57	19.1	0
5	16QAM	12

	Ant0 DSI3 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.56	32.73	33.50	23.26	23.56	23.73	24.50
GPRS 1 Tx slot	32.25	32.53	32.72	33.50	23.25	23.53	23.72	24.50
GPRS 2 Tx slots	29.34	29.23	29.27	30.00	23.34	23.23	23.27	24.00
GPRS 3 Tx slots	28.47	28.28	28.08	29.00	24.21	24.02	23.82	24.74
GPRS 4 Tx slots	26.92	26.73	26.48	27.50	23.92	23.73	23.48	24.50
EDGE 1 Tx slot	25.70	25.64	25.69	27.00	16.70	16.64	16.69	18.00
EDGE 2 Tx slots	23.92	23.95	24.02	25.00	17.92	17.95	18.02	19.00
EDGE 3 Tx slots	22.77	22.75	22.77	24.00	18.51	18.49	18.51	19.74
EDGE 4 Tx slots	20.69	20.72	20.73	22.00	17.69	17.72	17.73	19.00

	Ant0 DSI3 Power							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.01	26.84	27.01	27.70	18.01	17.84	18.01	18.70
GPRS 1 Tx slot	27.03	26.90	27.23	27.70	18.03	17.90	18.23	18.70
GPRS 2 Tx slots	23.84	24.00	23.72	24.70	17.84	18.00	17.72	18.70
GPRS 3 Tx slots	20.96	21.00	20.82	21.90	16.70	16.74	16.56	17.64
GPRS 4 Tx slots	20.22	20.24	20.11	21.70	17.22	17.24	17.11	18.70
EDGE 1 Tx slot	25.11	25.03	25.21	26.50	16.11	16.03	16.21	17.50
EDGE 2 Tx slots	23.59	23.50	23.57	24.50	17.59	17.50	17.57	18.50
EDGE 3 Tx slots	21.06	21.07	21.05	21.90	16.80	16.81	16.79	17.64
EDGE 4 Tx slots	20.04	20.01	20.10	21.00	17.04	17.01	17.10	18.00

					Ant0 DSI3 Power							
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.16	18.03	18.19	19.60	18.27	18.32	18.13	19.20	23.38	23.41	23.35	24.50
3GPP Rel 99	RMC 12.2Kbps	18.21	18.33	18.18	19.60	18.26	18.33	18.19	19.20	23.46	23.59	23.54	24.50
3GPP Rel 6	HSDPA Subtest-1	17.23	17.25	17.35	18.60	17.47	17.59	17.43	19.20	22.61	22.63	22.63	24.00
3GPP Rel 6	HSDPA Subtest-2	17.24	17.22	17.33	18.60	17.44	17.31	17.42	19.20	22.13	22.15	22.13	24.00
3GPP Rel 6	HSDPA Subtest-3	16.74	16.75	16.85	18.10	16.95	17.17	16.95	18.70	22.08	22.16	22.14	23.50
3GPP Rel 6	HSDPA Subtest-4	16.76	16.71	16.83	18.10	16.96	17.11	16.94	18.70	22.32	22.48	22.56	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.13	16.93	17.06	18.60	17.39	17.44	17.33	19.20	22.31	22.47	22.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.15	17.03	17.13	18.60	17.36	17.38	17.33	19.20	22.01	22.04	21.92	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.52	16.61	16.71	18.10	16.78	16.91	16.75	18.70	21.89	21.94	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.54	16.53	16.58	18.10	16.77	17.02	16.74	18.70	22.60	22.56	22.62	23.50
3GPP Rel 6	HSUPA Subtest-1	17.23	17.18	17.30	18.60	17.46	17.58	17.44	19.20	20.59	20.58	20.57	24.00
3GPP Rel 6	HSUPA Subtest-2	15.22	15.21	15.26	16.60	15.48	15.59	15.42	17.20	21.64	21.53	21.55	22.00
3GPP Rel 6	HSUPA Subtest-3	16.22	16.13	16.21	17.60	16.45	16.58	16.47	18.20	20.65	20.49	20.61	23.00
3GPP Rel 6	HSUPA Subtest-4	15.21	15.18	15.34	16.60	15.51	15.68	15.46	17.20	20.64	20.51	20.60	22.00
3GPP Rel 6	HSUPA Subtest-5	17.30	17.32	17.40	18.60	17.46	17.57	17.50	19.20	22.64	22.51	22.60	24.00

Band 2 Ant0 DSI3 Power

BW [MHz]	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	18.09	18.29	18.19	19.4	0
20	QPSK	1	49	18.07	18.18	18.18		
20	QPSK	1	99	18.03	18.21	17.87		
20	QPSK	50	0	17.86	17.96	17.93		
20	QPSK	50	24	17.95	17.91	17.92		
20	QPSK	50	50	17.83	17.82	17.96		
20	QPSK	100	0	17.84	17.97	17.92		
20	16QAM	1	0	17.88	17.79	17.85		
20	16QAM	1	49	17.93	17.76	17.86	19.4	0
20	16QAM	1	99	17.93	17.72	17.79		
20	16QAM	50	0	17.88	17.82	17.87		
20	16QAM	50	24	17.89	17.88	17.91	19.4	0
20	16QAM	50	50	17.87	17.83	17.86		
20	16QAM	100	0	17.92	17.89	17.89		
20	64QAM	1	0	17.96	17.99	18.00		
20	64QAM	1	49	17.88	18.07	18.00	19.4	0
20	64QAM	1	99	17.98	17.90	18.10		
20	64QAM	50	0	17.87	17.81	17.91		
20	64QAM	50	24	17.90	17.87	17.97	19.4	0
20	64QAM	50	50	17.90	17.77	17.78		
20	64QAM	100	0	17.89	17.81	17.88		
20	256QAM	1	0	17.94	18.00	17.90		
20	256QAM	1	49	17.89	17.90	17.99	19.4	0
20	256QAM	1	99	17.94	17.96	18.01		
20	256QAM	50	0	17.95	17.76	17.97		
20	256QAM	50	24	17.91	17.86	17.90	19.4	0
20	256QAM	50	50	17.96	17.90	17.94		
20	256QAM	100	0	17.88	17.90	18.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.10	18.24	18.19	19.4	0
15	QPSK	1	37	18.11	18.22	18.18		
15	QPSK	1	74	18.05	18.03	18.24		
15	QPSK	36	0	17.84	17.98	17.96		
15	QPSK	36	20	17.96	17.92	17.94	19.4	0
15	QPSK	36	39	17.87	17.83	17.94		
15	QPSK	75	0	17.86	17.95	17.92		
15	16QAM	1	0	17.89	17.81	17.88		
15	16QAM	1	37	17.92	17.73	17.87	19.4	0
15	16QAM	1	74	17.94	17.76	17.78		
15	16QAM	36	0	17.89	17.83	17.83		
15	16QAM	36	20	17.91	17.88	17.96	19.4	0
15	16QAM	36	39	17.91	17.83	17.89		
15	16QAM	75	0	17.95	17.87	17.91		
15	64QAM	1	0	17.97	18.00	17.99		
15	64QAM	1	37	17.91	18.08	17.97	19.4	0
15	64QAM	1	74	18.02	17.91	18.12		
15	64QAM	36	0	17.83	17.84	17.92		
15	64QAM	36	20	17.92	17.86	17.99	19.4	0
15	64QAM	36	39	17.91	17.78	17.78		
15	64QAM	75	0	17.87	17.82	17.85		
15	256QAM	1	0	17.93	18.03	17.88		
15	256QAM	1	37	17.89	17.87	17.97	19.4	0
15	256QAM	1	74	17.91	17.93	17.98		
15	256QAM	36	0	17.98	17.76	17.96		
15	256QAM	36	20	17.87	17.81	17.91	19.4	0
15	256QAM	36	39	17.99	17.91	17.99		
15	256QAM	75	0	17.91	17.89	17.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.09	18.25	18.22	19.4	0
10	QPSK	1	25	18.10	18.21	18.18		
10	QPSK	1	49	18.03	18.03	18.23		
10	QPSK	25	0	17.84	17.95	17.92		
10	QPSK	25	12	17.99	17.92	17.93	19.4	0
10	QPSK	25	25	17.88	17.84	17.90		
10	QPSK	50	0	17.81	17.92	17.94		
10	16QAM	1	0	17.93	17.82	17.87		
10	16QAM	1	25	17.90	17.77	17.83	19.4	0
10	16QAM	1	49	17.90	17.75	17.77		
10	16QAM	25	0	17.89	17.82	17.86		
10	16QAM	25	12	17.92	17.89	17.93	19.4	0
10	16QAM	25	25	17.88	17.84	17.87		
10	16QAM	50	0	17.92	17.88	17.90		
10	64QAM	1	0	17.97	17.97	17.96		
10	64QAM	1	25	17.87	18.07	17.98	19.4	0
10	64QAM	1	49	18.03	17.92	18.12		
10	64QAM	25	0	17.83	17.81	17.95		
10	64QAM	25	12	17.94	17.88	17.99	19.4	0
10	64QAM	25	25	17.90	17.80	17.75		
10	64QAM	50	0	17.90	17.83	17.90		
10	256QAM	1	0	17.96	18.04	17.91		
10	256QAM	1	25	17.91	17.85	17.97	19.4	0
10	256QAM	1	49	17.89	17.95	18.01		
10	256QAM	25	0	17.95	17.77	17.97		
10	256QAM	25	12	17.87	17.80	17.92	19.4	0
10	256QAM	25	25	17.97	17.90	17.97		
10	256QAM	50	0	17.90	17.88	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.06	18.26	18.23	19.4	0
5	QPSK	1	12	18.09	18.22	18.12		
5	QPSK	1	24	18.03	18.02	18.20		
5	QPSK	12	0	17.88	17.95	17.94	19.4	0
5	QPSK	12	7	17.95	17.92	17.92		
5	QPSK	12	13	17.83	17.86	17.96		
5	QPSK	25	0	17.86	17.95	17.93		
5	16QAM	1	0	17.92	17.79	17.85		
5	16QAM	1	12	17.91	17.76	17.82	19.4	0
5	16QAM	1	24	17.94	17.74	17.78		
5	16QAM	12	0	17.91	17.85	17.87		
5	16QAM	12	7	17.93	17.89	17.91	19.4	0
5	16QAM	12	13	17.89	17.87	17.86		
5	16QAM	25	0	17.96	17.89	17.89		
5	64QAM	1	0	17.96	17.99	17.97		
5	64QAM	1	12	17.91	18.06	18.00	19.4	0
5	64QAM	1	24	17.98	17.91	18.09		
5	64QAM	12	0	17.85	17.79	17.91		
5	64QAM	12	7	17.94	17.88	18.00	19.4	0
5	64QAM	12	13	17.92	17.80	17.76		
5	64QAM	25	0	17.92	17.84	17.86		
5	256QAM	1	0	17.92	18.05	17.90		
5	256QAM	1	12	17.90	17.87	18.03	19.4	0
5	256QAM	1	24	17.93	17.92	17.98		
5	256QAM	12	0	17.95	17.76	17.99		
5	256QAM	12	7	17.91	17.81	17.89	19.4	0
5	256QAM	12	13	18.00	17.90	17.96		
5	256QAM	25	0	17.91	17.94	18.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.07	18.26	18.23	19.4	0
3	QPSK	1	8	18.12	18.20	18.17		
3	QPSK	1	14	18.03	18.05	18.23		
3	QPSK	8	0	17.83	17.94	17.96	19.4	0
3	QPSK	8	4	17.97	17.88	17.93		
3	QPSK	8	7	17.83	17.80	17.95		
3	QPSK	15	0	17.86	17.97	17.92		
3	16QAM	1	0	17.92	17.82	17.88		
3	16QAM	1	8	17.91	17.74	17.85	19.4	0
3	16QAM	1	14	17.93	17.75	17.79		
3	16QAM	8	0	17.91	17.82	17.86		
3	16QAM	8	4	17.89	17.89	17.92	19.4	0
3	16QAM	8	7	17.90	17.82	17.89		
3	16QAM	15	0	17.96	17.89	17.90		
3	64QAM	1	0	18.00	17.98	17.98		
3	64QAM	1	8	17.90	18.08	17.99	19.4	0
3	64QAM	1	14	18.01	17.93	18.12		
3	64QAM	8	0	17.88	17.84	17.91		
3	64QAM	8	4	17.91	17.86	17.98	19.4	0
3	64QAM	8	7	17.89	17.79	17.73		
3	64QAM	15	0	17.89	17.84	17.86		
3	256QAM	1	0	17.97	18.03	17.90		
3	256QAM	1	8	17.91	17.91	17.98	19.4	0
3	256QAM	1	14	17.91	17.96	17.96		
3	256QAM	8	0	17.98	17.78	17.96		
3	256QAM	8	4	17.88	17.85	17.87	19.4	0
3	256QAM	8	7	17.99	17.92	17.97		
3	256QAM	15	0	17.87	17.90	17.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.10	18.28	18.23	19.4	0
1.4	QPSK	1	3	18.09	18.22	18.16		
1.4	QPSK	1	5	18.00	18.06	18.23		
1.4	QPSK	3	0	17.84	17.99	17.97		
1.4	QPSK	3	1	17.94	17.92	17.93		
1.4	QPSK	3	3	17.85	17.84	17.96		
1.4	QPSK	6	0	17.86	17.92	17.94	19.4	0
1.4	16QAM	1	0	17.93	17.77	17.89	19.4	0
1.4	16QAM	1	3	17.94	17.77	17.83		
1.4	16QAM	1	5	17.92	17.71	17.77		
1.4	16QAM	3	0	17.91	17.85	17.83		
1.4	16QAM	3	1	17.90	17.86	17.94		
1.4	16QAM	3	3	17.91	17.83	17.89		
1.4	16QAM	6	0	17.94	17.89	17.87	19.4	0
1.4	64QAM	1	0	17.99	17.98	17.99	19.4	0
1.4	64QAM	1	3	17.88	18.06	17.97		
1.4	64QAM	1	5	18.04	17.95	18.14		
1.4	64QAM	3	0	17.82	17.82	17.93		
1.4	64QAM	3	1	17.92	17.88	18.01		
1.4	64QAM	3	3	17.92	17.81	17.73		
1.4	64QAM	6	0	17.91	17.84	17.86	19.4	0
1.4	256QAM	1	0	17.96	18.04	17.92	19.4	0
1.4	256QAM	1	3	17.89	17.87	18.02		
1.4	256QAM	1	5	17.90	17.94	17.96		
1.4	256QAM	3	0	18.00	17.77	18.01		
1.4	256QAM	3	1	17.88	17.82	17.89		
1.4	256QAM	3	3	17.95	17.90	17.99		
1.4	256QAM	6	0	17.92	17.94	17.99	19.4	0

Band 4 Ant0 DSI3 Power

BW [MHz]	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	17.81	17.97	17.79	19.4	0
20	QPSK	1	49	17.83	17.72	17.74		
20	QPSK	1	99	17.94	17.86	17.75		
20	QPSK	50	0	17.84	17.91	17.82		
20	QPSK	50	24	17.82	17.83	17.79		
20	QPSK	50	50	17.72	17.79	17.69		
20	QPSK	100	0	17.76	17.87	17.73		
20	16QAM	1	0	17.68	17.64	17.84		
20	16QAM	1	49	17.71	17.68	17.70	19.4	0
20	16QAM	1	99	17.73	17.59	17.80		
20	16QAM	50	0	17.94	17.85	17.64		
20	16QAM	50	24	17.78	17.82	17.81	19.4	0
20	16QAM	50	50	17.77	17.83	17.67		
20	16QAM	100	0	17.83	17.76	17.83		
20	64QAM	1	0	17.80	17.82	17.58		
20	64QAM	1	49	17.62	17.76	17.69	19.4	0
20	64QAM	1	99	17.68	17.72	17.60		
20	64QAM	50	0	17.60	17.83	17.59		
20	64QAM	50	24	17.67	17.83	17.81	19.4	0
20	64QAM	50	50	17.79	17.84	17.73		
20	64QAM	100	0	17.66	17.85	17.79		
20	256QAM	1	0	17.73	17.63	17.84		
20	256QAM	1	49	17.82	17.59	17.85	19.4	0
20	256QAM	1	99	17.80	17.63	17.82		
20	256QAM	50	0	17.83	17.70	17.79		
20	256QAM	50	24	17.82	17.72	17.65	19.4	0
20	256QAM	50	50	17.83	17.74	17.65		
20	256QAM	100	0	17.73	17.76	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.81	17.96	17.76	19.4	0
15	QPSK	1	37	17.75	17.64	17.67		
15	QPSK	1	74	17.76	17.82	17.73		
15	QPSK	36	0	17.80	17.87	17.66		
15	QPSK	36	20	17.70	17.72	17.64	19.4	0
15	QPSK	36	39	17.69	17.70	17.53		
15	QPSK	75	0	17.66	17.80	17.60		
15	16QAM	1	0	17.53	17.53	17.75		
15	16QAM	1	37	17.68	17.58	17.55	19.4	0
15	16QAM	1	74	17.71	17.51	17.70		
15	16QAM	36	0	17.82	17.78	17.54		
15	16QAM	36	20	17.66	17.79	17.66	19.4	0
15	16QAM	36	39	17.70	17.69	17.58		
15	16QAM	75	0	17.74	17.72	17.80		
15	64QAM	1	0	17.77	17.68	17.44		
15	64QAM	1	37	17.59	17.65	17.56	19.4	0
15	64QAM	1	74	17.52	17.70	17.51		
15	64QAM	36	0	17.55	17.76	17.48		
15	64QAM	36	20	17.52	17.80	17.65	19.4	0
15	64QAM	36	39	17.66	17.76	17.62		
15	64QAM	75	0	17.54	17.76	17.68		
15	256QAM	1	0	17.59	17.56	17.75		
15	256QAM	1	37	17.71	17.46	17.75	19.4	0
15	256QAM	1	74	17.74	17.54	17.75		
15	256QAM	36	0	17.69	17.59	17.75		
15	256QAM	36	20	17.69	17.68	17.52	19.4	0
15	256QAM	36	39	17.79	17.60	17.57		
15	256QAM	75	0	17.68	17.62	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.78	17.92	17.73	19.4	0
10	QPSK	1	25	17.79	17.57	17.65		
10	QPSK	1	49	17.72	17.74	17.68		
10	QPSK	25	0	17.80	17.79	17.67		
10	QPSK	25	12	17.74	17.79	17.65	19.4	0
10	QPSK	25	25	17.59	17.69	17.57		
10	QPSK	50	0	17.71	17.72	17.61		
10	16QAM	1	0	17.65	17.51	17.80		
10	16QAM	1	25	17.66	17.52	17.55	19.4	0
10	16QAM	1	49	17.69	17.52	17.68		
10	16QAM	25	0	17.75	17.77	17.59		
10	16QAM	25	12	17.65	17.71	17.68	19.4	0
10	16QAM	25	25	17.71	17.76	17.57		
10	16QAM	50	0	17.75	17.70	17.74		
10	64QAM	1	0	17.65	17.71	17.43		
10	64QAM	1	25	17.57	17.71	17.57	19.4	0
10	64QAM	1	49	17.56	17.62	17.57		
10	64QAM	25	0	17.48	17.74	17.56		
10	64QAM	25	12	17.64	17.70	17.73	19.4	0
10	64QAM	25	25	17.70	17.77	17.68		
10	64QAM	50	0	17.60	17.71	17.66		
10	256QAM	1	0	17.65	17.52	17.70		
10	256QAM	1	25	17.78	17.46	17.81	19.4	0
10	256QAM	1	49	17.65	17.50	17.72		
10	256QAM	25	0	17.69	17.61	17.71		
10	256QAM	25	12	17.79	17.67	17.54	19.4	0
10	256QAM	25	25	17.81	17.68	17.60		
10	256QAM	50	0	17.58	17.61	17.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.85	17.84	17.73	19.4	0
5	QPSK	1	12	17.74	17.61	17.65		
5	QPSK	1	24	17.73	17.82	17.60		
5	QPSK	12	0	17.78	17.81	17.79	19.4	0
5	QPSK	12	7	17.71	17.70	17.72		
5	QPSK	12	13	17.59	17.66	17.57		
5	QPSK	25	0	17.70	17.80	17.58		
5	16QAM	1	0	17.65	17.59	17.70		
5	16QAM	1	12	17.59	17.52	17.60	19.4	0
5	16QAM	1	24	17.61	17.45	17.77		
5	16QAM	12	0	17.61	17.77	17.61		
5	16QAM	12	7	17.66	17.73	17.76	19.4	0
5	16QAM	12	13	17.73	17.70	17.54		
5	16QAM	25	0	17.71	17.65	17.71		
5	64QAM	1	0	17.66	17.70	17.48		
5	64QAM	1	12	17.49	17.72	17.58	19.4	0
5	64QAM	1	24	17.53	17.62	17.56		
5	64QAM	12	0	17.49	17.79	17.57		
5	64QAM	12	7	17.56	17.74	17.69	19.4	0
5	64QAM	12	13	17.67	17.80	17.68		
5	64QAM	25	0	17.57	17.78	17.75		
5	256QAM	1	0	17.62	17.51	17.74		
5	256QAM	1	12	17.78	17.54	17.76	19.4	0
5	256QAM	1	24	17.77	17.54	17.73		
5	256QAM	12	0	17.78	17.65	17.67		
5	256QAM	12	7	17.80	17.68	17.58	19.4	0
5	256QAM	12	13	17.72	17.61	17.60		
5	256QAM	25	0	17.67	17.66	17.52		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.76	17.94	17.76	19.4	0
3	QPSK	1	8	17.80	17.62	17.67		
3	QPSK	1	14	17.79	17.74	17.62		
3	QPSK	8	0	17.80	17.82	17.75	19.4	0
3	QPSK	8	4	17.67	17.76	17.77		
3	QPSK	8	7	17.61	17.64	17.57		
3	QPSK	15	0	17.70	17.76	17.64		
3	16QAM	1	0	17.56	17.60	17.79		
3	16QAM	1	8	17.61	17.61	17.63	19.4	0
3	16QAM	1	14	17.63	17.49	17.75		
3	16QAM	8	0	17.75	17.79	17.56		
3	16QAM	8	4	17.76	17.68	17.71	19.4	0
3	16QAM	8	7	17.74	17.77	17.52		
3	16QAM	15	0	17.80	17.73	17.71		
3	64QAM	1	0	17.71	17.74	17.45		
3	64QAM	1	8	17.53	17.73	17.59	19.4	0
3	64QAM	1	14	17.64	17.67	17.55		
3	64QAM	8	0	17.57	17.74	17.55		
3	64QAM	8	4	17.54	17.79	17.78	19.4	0
3	64QAM	8	7	17.73	17.60	17.61		
3	64QAM	15	0	17.57	17.70	17.76		
3	256QAM	1	0	17.65	17.56	17.73		
3	256QAM	1	8	17.74	17.49	17.73	19.4	0
3	256QAM	1	14	17.72	17.55	17.76		
3	256QAM	8	0	17.70	17.61	17.74		
3	256QAM	8	4	17.79	17.61	17.82	19.4	0
3	256QAM	8	7	17.75	17.70	17.63		
3	256QAM	15	0	17.62	17.73	17.59		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.82	17.90	17.72	19.4	0
1.4	QPSK	1	3	17.79	17.63	17.68		
1.4	QPSK	1	5	17.70	17.76	17.67		
1.4	QPSK	3	0	17.75	17.87	17.79		
1.4	QPSK	3	1	17.69	17.77	17.70		
1.4	QPSK	3	3	17.63	17.72	17.64		
1.4	QPSK	6	0	17.68	17.81	17.61	19.4	0
1.4	16QAM	1	0	17.53	17.54	17.68	19.4	0
1.4	16QAM	1	3	17.62	17.57	17.66		
1.4	16QAM	1	5	17.63	17.48	17.76		
1.4	16QAM	3	0	17.73	17.72	17.55		
1.4	16QAM	3	1	17.64	17.72	17.78		
1.4	16QAM	3	3	17.74	17.72	17.60		
1.4	16QAM	6	0	17.67	17.65	17.77	19.4	0
1.4	64QAM	1	0	17.64	17.68	17.45	19.4	0
1.4	64QAM	1	3	17.48	17.69	17.61		
1.4	64QAM	1	5	17.58	17.64	17.45		
1.4	64QAM	3	0	17.49	17.79	17.55		
1.4	64QAM	3	1	17.60	17.77	17.72		
1.4	64QAM	3	3	17.67	17.74	17.64		
1.4	64QAM	6	0	17.54	17.77	17.66	19.4	0
1.4	256QAM	1	0	17.63	17.60	17.71	19.4	0
1.4	256QAM	1	3	17.75	17.52	17.74		
1.4	256QAM	1	5	17.69	17.52	17.67		
1.4	256QAM	3	0	17.74	17.55	17.67		
1.4	256QAM	3	1	17.70	17.57	17.50		
1.4	256QAM	3	3	17.76	17.68	17.61		
1.4	256QAM	6	0	17.65	17.73	17.54	19.4	0

Band 5 Ant0 DSI3 Power

BW [MHz]	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	22.34	22.57	22.24	23.5	0
10	QPSK	1	25	22.25	22.36	22.51		
10	QPSK	1	49	22.34	22.29	22.30		
10	QPSK	25	0	22.31	22.53	22.47		
10	QPSK	25	12	22.47	22.41	22.32		
10	QPSK	25	25	22.40	22.48	22.46		
10	QPSK	50	0	22.41	22.47	22.41		
10	16QAM	1	0	22.42	22.21	22.13		
10	16QAM	1	25	22.45	22.40	22.40	23.5	0
10	16QAM	1	49	22.31	22.

Band 7 Ant0 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.39	18.71	18.67		
20	QPSK	1	49	18.52	18.66	18.61	19.7	0
20	QPSK	1	99	18.55	18.59	18.58		
20	QPSK	50	0	18.34	18.64	18.36		
20	QPSK	50	24	18.40	18.43	18.55	19.7	0
20	QPSK	50	50	18.37	18.42	18.53		
20	QPSK	100	0	18.35	18.60	18.50		
20	16QAM	1	0	18.31	18.34	18.42		
20	16QAM	1	49	18.45	18.56	18.50	19.7	0
20	16QAM	1	99	18.49	18.50	18.53		
20	16QAM	50	0	18.34	18.29	18.37		
20	16QAM	50	24	18.38	18.43	18.53	19.7	0
20	16QAM	50	50	18.42	18.46	18.55		
20	16QAM	100	0	18.37	18.40	18.49		
20	64QAM	1	0	18.46	18.34	18.40		
20	64QAM	1	49	18.46	18.50	18.53	19.7	0
20	64QAM	1	99	18.40	18.45	18.36		
20	64QAM	50	0	18.35	18.28	18.35		
20	64QAM	50	24	18.39	18.45	18.48	19.7	0
20	64QAM	50	50	18.31	18.46	18.54		
20	64QAM	100	0	18.36	18.39	18.50		
20	256QAM	1	0	18.49	18.32	18.34		
20	256QAM	1	49	18.37	18.47	18.45	19.7	0
20	256QAM	1	99	18.32	18.38	18.23		
20	256QAM	50	0	18.26	18.31	18.21		
20	256QAM	50	24	18.23	18.45	18.41	19.7	0
20	256QAM	50	50	18.21	18.35	18.45		
20	256QAM	100	0	18.28	18.24	18.45		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.36	18.63	18.48		
15	QPSK	1	37	18.48	18.60	18.56	19.7	0
15	QPSK	1	74	18.50	18.55	18.55		
15	QPSK	36	0	18.30	18.58	18.30		
15	QPSK	36	20	18.34	18.39	18.46	19.7	0
15	QPSK	36	39	18.33	18.40	18.50		
15	QPSK	75	0	18.31	18.54	18.43		
15	16QAM	1	0	18.24	18.28	18.37		
15	16QAM	1	37	18.40	18.48	18.44	19.7	0
15	16QAM	1	74	18.49	18.42	18.52		
15	16QAM	36	0	18.28	18.24	18.31		
15	16QAM	36	20	18.33	18.37	18.47	19.7	0
15	16QAM	36	39	18.37	18.42	18.49		
15	16QAM	75	0	18.31	18.39	18.42		
15	64QAM	1	0	18.41	18.32	18.40		
15	64QAM	1	37	18.41	18.42	18.51	19.7	0
15	64QAM	1	74	18.35	18.35	18.33		
15	64QAM	36	0	18.29	18.22	18.32		
15	64QAM	36	20	18.32	18.35	18.44	19.7	0
15	64QAM	36	39	18.26	18.42	18.48		
15	64QAM	75	0	18.31	18.37	18.43		
15	256QAM	1	0	18.39	18.26	18.29		
15	256QAM	1	37	18.33	18.38	18.39	19.7	0
15	256QAM	1	74	18.28	18.34	18.20		
15	256QAM	36	0	18.23	18.27	18.15		
15	256QAM	36	20	18.15	18.38	18.34	19.7	0
15	256QAM	36	39	18.17	18.32	18.39		
15	256QAM	75	0	18.22	18.19	18.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.36	18.61	18.50		
10	QPSK	1	25	18.45	18.57	18.56	19.7	0
10	QPSK	1	49	18.52	18.58	18.54		
10	QPSK	25	0	18.26	18.59	18.32		
10	QPSK	25	12	18.35	18.42	18.45	19.7	0
10	QPSK	25	25	18.33	18.39	18.46		
10	QPSK	50	0	18.32	18.51	18.44		
10	16QAM	1	0	18.23	18.29	18.38		
10	16QAM	1	25	18.39	18.50	18.46	19.7	0
10	16QAM	1	49	18.47	18.45	18.50		
10	16QAM	25	0	18.24	18.23	18.32		
10	16QAM	25	12	18.32	18.36	18.46	19.7	0
10	16QAM	25	25	18.36	18.41	18.49		
10	16QAM	50	0	18.32	18.38	18.44		
10	64QAM	1	0	18.40	18.30	18.38		
10	64QAM	1	25	18.42	18.42	18.51	19.7	0
10	64QAM	1	49	18.38	18.36	18.29		
10	64QAM	25	0	18.31	18.20	18.33		
10	64QAM	25	12	18.33	18.38	18.43	19.7	0
10	64QAM	25	25	18.26	18.41	18.47		
10	64QAM	50	0	18.31	18.37	18.44		
10	256QAM	1	0	18.42	18.28	18.30		
10	256QAM	1	25	18.33	18.39	18.40	19.7	0
10	256QAM	1	49	18.28	18.36	18.19		
10	256QAM	25	0	18.21	18.25	18.14		
10	256QAM	25	12	18.14	18.39	18.35	19.7	0
10	256QAM	25	25	18.19	18.31	18.40		
10	256QAM	50	0	18.19	18.19	18.38		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.35	18.62	18.49		
5	QPSK	1	12	18.47	18.59	18.55	19.7	0
5	QPSK	1	24	18.52	18.59	18.52		
5	QPSK	12	0	18.29	18.61	18.28		
5	QPSK	12	7	18.34	18.38	18.48	19.7	0
5	QPSK	12	13	18.33	18.39	18.47		
5	QPSK	25	0	18.28	18.53	18.44		
5	16QAM	1	0	18.23	18.29	18.37		
5	16QAM	1	12	18.41	18.45	18.45	19.7	0
5	16QAM	1	24	18.48	18.44	18.53		
5	16QAM	12	0	18.26	18.24	18.34		
5	16QAM	12	7	18.36	18.36	18.47	19.7	0
5	16QAM	12	13	18.36	18.40	18.51		
5	16QAM	25	0	18.31	18.37	18.43		
5	64QAM	1	0	18.40	18.29	18.37		
5	64QAM	1	12	18.42	18.41	18.49	19.7	0
5	64QAM	1	24	18.37	18.35	18.29		
5	64QAM	12	0	18.27	18.22	18.32		
5	64QAM	12	7	18.33	18.36	18.45	19.7	0
5	64QAM	12	13	18.25	18.41	18.47		
5	64QAM	25	0	18.33	18.36	18.44		
5	256QAM	1	0	18.42	18.28	18.30		
5	256QAM	1	12	18.31	18.38	18.41	19.7	0
5	256QAM	1	24	18.27	18.32	18.17		
5	256QAM	12	0	18.24	18.24	18.14		
5	256QAM	12	7	18.14	18.39	18.36	19.7	0
5	256QAM	12	13	18.20	18.31	18.38		
5	256QAM	25	0	18.20	18.20	18.39		

Band 12 Ant0 DSI3 Power

BW [MHz]	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	22.68	22.93	22.76		
10	QPSK	1	25	22.68	22.91	22.81	24	0
10	QPSK	1	49	22.85	22.79	22.84		
10	QPSK	25	0	22.89	22.92	22.90		
10	QPSK	25	12	22.90	22.91	22.83	24	0
10	QPSK	25	25	22.90	22.88	22.85		
10	QPSK	50	0	22.79	22.91	22.76		
10	16QAM	1	0	22.66	22.83	22.70		
10	16QAM	1	25	22.78	22.88	22.72	24	0
10	16QAM	1	49	22.82	22.77	22.79		
10	16QAM	25	0	22.83	22.70	22.89		
10	16QAM	25	12	22.87	22.83	22.81	24	0
10	16QAM	25	25	22.88	22.82	22.82		
10	16QAM	50	0	22.76	22.85	22.68		
10	64QAM	1	0	22.67	22.92	22.68		
10	64QAM	1	25	22.84	22.81	22.72	24	0
10	64QAM	1	49	22.77	22.77	22.79		
10	64QAM	25	0	22.86	22.72	22.87		
10	64QAM	25	12	22.80	22.86	22.79	24	0
10	64QAM	25	25	22.81	22.79	22.82		
10	64QAM	50	0	22.71	22.85	22.68		
10	256QAM	1	0	19.17	19.41	19.14		
10	256QAM	1	25	18.98	19.28	19.22	20	4
10	256QAM	1	49	19.31	19.28	18.95		
10	256QAM	25	0	19.46	19.46	19.48		
10	256QAM	25	12	19.67	19.50	19.40	20	4
10	256QAM	25	25	19.31	19.17	19.20		
10	256QAM	50	0	19.22	19.02	19.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.68	22.83	22.74		
5	QPSK	1	12	22.82	22.84	22.79	24	0
5	QPSK	1	24	22.78	22.70	22.77		
5	QPSK	12	0	22.87	22.70	22.87		
5	QPSK	12	7	22.81	22.85	22.77	24	0
5	QPSK	12	13	22.81	22.83	22.76		
5	QPSK	25	0	22.70	22.85	22.74		
5	16QAM	1	0	22.60	22.74	22.67		
5	16QAM	1	12	22.68	22.84	22.68	24	0
5	16QAM	1	24	22.76	22.74	22.73		
5	16QAM	12	0	22.76	22.65	22.88		
5	16QAM	12	7	22.81	22.83	22.74	24	0
5	16QAM	12	13	22.80	22.72	22.74		
5	16QAM	25	0	22.66	22.81	22.66		
5	64QAM	1	0	22.58	22.88	22.63		
5	64QAM	1	12	22.78	22.73	22.63	24	0
5	64QAM	1	24	22.73	22.69	22.74		
5	64QAM	12	0	22.86	22.72	22.79		
5	64QAM	12	7	22.70	22.84	22.72	24	0
5	64QAM	12	13	22.79	22.79	22.73		
5	64QAM	25	0	22.67	22.77	22.67		
5	256QAM	1	0	19.01	19.36	19.25		
5	256QAM	1	12	18.92	18.97	19.27	20	4
5	256QAM	1	24	19.23	19.03	18.95		
5	256QAM	12	0	19.16	19.54	19.19		
5	256QAM	12	7	19.37	19.44	19.33	20	4
5	256QAM	12	13	19.21	19.36	19.05		
5	256QAM	25	0	19.17	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.60	22.84	22.72		
3	QPSK	1	8	22.89	22.86	22.77	24	0
3	QPSK	1	14	22.78	22.77	22.82		
3	QPSK	8	0	22.83	22.76	22.80		
3	QPSK	8	4	22.62	22.90	22.79	24	0
3	QPSK	8	7	22.84	22.79	22.86		
3	QPSK	15	0	22.71	22.90	22.70		
3	16QAM	1	0	22.64	22.81	22.72		
3	16QAM	1	8	22.75	22.78	22.67	24	0
3	16QAM	1	14	22.82	22.79	22.80		
3	16QAM	8	0	22.78	22.69	22.90		
3	16QAM	8	4	22.77	22.76	22.82	24	0
3	16QAM	8	7	22.88	22.81	22.75		
3	16QAM	15	0	22.72	22.76	22.67		
3	64QAM	1	0	22.59	22.91	22.62		
3	64QAM	1	8	22.74	22.79	22.72	24	0
3	64QAM	1	14	22.73	22.75	22.80		
3	64QAM	8	0	22.77	22.63	22.86		
3	64QAM	8	4	22.72	22.87	22.74	24	0
3	64QAM	8	7	22.75	22.74	22.80		
3	64QAM	15	0	22.66	22.77	22.58		
3	256QAM	1	0	19.18	19.06	19.21		
3	256QAM	1	8	18.81	18.99	19.17	20	4
3	256QAM	1	14	19.05	19.17	18.90		
3	256QAM	8	0	19.47	19.35	19.37		
3	256QAM	8	4	19.54	19.44	19.43	20	4
3	256QAM	8	7	19.52	19.13	19.26		
3	256QAM	15	0	19.20	18.70	18.89		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.58	22.84	22.70		
1.4	QPSK	1	3	22.76	22.81	22.70		
1.4	QPSK	1	5	22.72	22.74	22.77	24	0
1.4	QPSK	3	0	22.82	22.68	22.80		
1.4	QPSK	3	1	22.77	22.82	22.74		
1.4	QPSK	3	3	22.80	22.77	22.77		
1.4	QPSK	6	0	22.76	22.88	22.66	24	0
1.4	16QAM	1	0	22.62	22.75	22.59		
1.4	16QAM	1	3	22.76	22.76	22.61		
1.4	16QAM	1	5	22.71	22.70	22.70	24	0
1.4	16QAM	3	0	22.80	22.68	22.85		
1.4	16QAM	3	1	22.83	22.72	22.69		
1.4	16QAM	3	3	22.85	22.74	22.71		
1.4	16QAM	6	0	22.68	22.81	22.64	24	0
1.4	64QAM	1	0	22.60	22.82	22.64		
1.4	64QAM	1	3	22.75	22.65	22.64		
1.4	64QAM	1	5	22.66	22.62	22.70	24	0
1.4	64QAM	3	0	22.80	22.66	22.82		
1.4	64QAM	3	1	22.72	22.85	22.76		
1.4	64QAM	3	3	22.70	22.67	22.76		
1.4	64QAM	6	0	22.65	22.78	22.64	24	0
1.4	256QAM	1	0	19.16	19.23	19.06		
1.4	256QAM	1	3	18.97	19.02	19.36		
1.4	256QAM	1	5	19.03	19.39	18.95	20	4
1.4	256QAM	3	0	19.54	19.33	19.25		
1.4	256QAM	3	1	19.27	19.13	19.25		
1.4	256QAM	3	3	19.14	19.26	19.31		
1.4	256QAM	6	0	19.43	18.98	19.31	20	4

Band 13 Ant0 DSI3 Power

BW [MHz]	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		23.22			
10	QPSK	1	25		22.9		24	0
10	QPSK	1	49		22.88			
10	QPSK	25	0		22.93			
10	QPSK	25	12		22.89		24	0
10	QPSK	25	25		22.91			
10	QPSK	50	0		22.88			
10	16QAM	1	0		23.06			
10	16QAM	1	25		23.09		24	0
10	16QAM	1	49		23.07			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.38		23	1
10	16QAM	25	25		22.36			
10	16QAM	50	0		22.3			
10	64QAM	1	0		23.04			
10	64QAM	1	25		23.13		24	0
10	64QAM	1	49		23.01			
10	64QAM	25	0		22.22			
10	64QAM	25	12		22.34		23	1
10	64QAM	25	25		22.38			
10	64QAM	50	0		22.31			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.78		20	4
10	256QAM	1	49		19.64			
10	256QAM	25	0		19.64			
10	256QAM	25	12		19.79		20	4
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.66			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.71	22.76		
5	QPSK	1	12	22.75	22.81	22.87	24	0
5	QPSK	1	24	22.70	22.83	22.81		
5	QPSK	12	0	22.69	22.69	22.79		
5	QPSK	12	7	22.83	22.74	22.91	24	0
5	QPSK	12	13	22.76	22.83	22.88		
5	QPSK	25	0	22.78	22.73	22.83		
5	16QAM	1	0	23.12	23.14	23.20		
5	16QAM	1	12	23.21	23.07	23.20	24	0
5	16QAM	1	24	23.21	23.07	23.04		
5	16QAM	12	0	22.21	22.17	22.46		
5	16QAM	12	7	22.14	22.32	22.38	23	1
5	16QAM	12	13	22.14	22.40	22.24		
5	16QAM	25	0	22.17	22.29	22.27		
5	64QAM	1	0	22.87	22.90	22.97		
5	64QAM	1	12	23.03	22.99	23.09	24	0
5	64QAM	1	24	22.91	23.02	22.87		
5	64QAM	12	0	22.20	22.20	22.41		
5	64QAM	12	7	22.18	22.36	22.37	23	1
5	64QAM	12	13	22.18	22.38	22.19		
5	64QAM	25	0	22.19	22.31	22.26		
5	256QAM	1	0	19.16	19.13	19.36		
5	256QAM	1	12	19.19	19.31	19.24	20	4
5	256QAM	1	24	19.25	19.09	19.31		
5	256QAM	12	0	19.17	19.14	19.26		
5	256QAM	12	7	19.28	19.24	19.37	20	4
5	256QAM	12	13	19.29	19.17	19.30		
5	256QAM	25	0	19.31	19.27	19.19		

Band 17 Ant0 DSI3 Power

BW [MHz]	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	22.48	22.88	22.49		
10	QPSK	1	25	22.49	22.56	22.51	24	0
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	22.52	22.76	22.43		
10	QPSK	25	12	22.50	22.54	22.62	24	0
10	QPSK	25	25	22.51	22.52	22.47		
10	QPSK	50	0	22.50	22.68	22.60		
10	16QAM	1	0	22.76	22.85	22.87		
10	16QAM	1	25	22.71	22.83	22.59	24	0
10	16QAM	1	49	22.83	22.87	22.73		
10	16QAM	25	0	22.21	22.26	22.22		
10	16QAM	25	12	22.34	22.26	22.34	24	0
10	16QAM	25	25	22.36	22.26	22.20		
10	16QAM	50	0	22.24	22.30	22.33		
10	64QAM	1	0	22.78	22.64	22.72		
10	64QAM	1	25	22.68	22.54	22.60	24	0
10	64QAM	1	49	22.64	22.31	22.65		
10	64QAM	25	0	22.21	22.16	22.26		
10	64QAM	25	12	22.33	22.19	22.36	24	0
10	64QAM	25	25	22.35	22.26	22.23		
10	64QAM	50	0	22.11	22.31	22.32		
10	256QAM	1	0	18.83	19.10	18.78		
10	256QAM	1	25	18.69	18.71	19.08	20	4
10	256QAM	1	49	18.68	18.64	18.70		
10	256QAM	25	0	18.84	18.77	18.87		
10	256QAM	25	12	19.07	18.91	18.86	20	4
10	256QAM	25	25	18.69	18.75	18.81		
10	256QAM	50	0	18.99	19.08	19.03		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.62	22.50	22.57		
5	QPSK	1	12	22.63	22.68	22.58	24	0
5	QPSK	1	24	22.50	22.34	22.38		
5	QPSK	12	0	22.64	22.56	22.56		
5	QPSK	12	7	22.66	22.63	22.58	24	0
5	QPSK	12	13	22.55	22.55	22.50		
5	QPSK	25	0	22.60	22.59	22.52		
5	16QAM	1	0	22.83	22.82	22.83		
5	16QAM	1	12	22.70	22.56	22.78	24	0
5	16QAM	1	24	22.79	22.76	22.78		
5	16QAM	12	0	22.41	22.34	22.47		
5	16QAM	12	7	22.43	22.30	22.36	24	0
5	16QAM	12	13	22.29	22.28	22.26		
5	16QAM	25	0	22.35	22.23	22.26		
5	64QAM	1	0	22.71	22.79	22.62		
5	64QAM	1	12	22.56	22.58	22.69	24	0
5	64QAM	1	24	22.58	22.66	22.81		
5	64QAM	12	0	22.41	22.20	22.27		
5	64QAM	12	7	22.23	22.23	22.24	24	0
5	64QAM	12	13	22.25	22.28	22.25		
5	64QAM	25	0	22.26	22.21	22.23		
5	256QAM	1	0	18.67	18.86	18.81		
5	256QAM	1	12	18.71	18.80	19.01	20	4
5	256QAM	1	24	19.06	18.77	19.15		
5	256QAM	12	0	18.93	18.89	18.98		
5	256QAM	12	7	19.14	18.98	19.17	20	4
5	256QAM	12	13	18.70	18.78	18.70		
5	256QAM	25	0	18.79	18.63	18.57		

Band 25 Ant0 DSI3 Power

BW [MHz]	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	18.21	18.33	18.32	19.4	0
20	QPSK	1	49	18.29	18.25	18.32		
20	QPSK	1	99	18.16	18.20	18.36		
20	QPSK	50	0	18.23	18.32	18.18		
20	QPSK	50	24	18.32	18.29	18.28		
20	QPSK	50	50	18.21	18.21	18.28		
20	QPSK	100	0	18.22	18.26	18.18		
20	16QAM	1	0	18.22	18.11	18.09		
20	16QAM	1	49	18.17	18.19	18.23	19.4	0
20	16QAM	1	99	18.21	18.15	18.26		
20	16QAM	50	0	18.23	18.20	18.24		
20	16QAM	50	24	18.24	18.26	18.28	19.4	0
20	16QAM	50	50	18.17	18.17	18.13		
20	16QAM	100	0	18.21	18.18	18.20		
20	64QAM	1	0	18.04	18.15	18.15		
20	64QAM	1	49	18.16	18.15	18.24	19.4	0
20	64QAM	1	99	18.04	18.00	18.11		
20	64QAM	50	0	18.16	18.18	18.19		
20	64QAM	50	24	18.20	18.20	18.25	19.4	0
20	64QAM	50	50	18.18	18.17	18.26		
20	64QAM	100	0	18.25	18.21	18.21		
20	256QAM	1	0	17.95	18.02	18.07		
20	256QAM	1	49	18.07	18.09	18.16	19.4	0
20	256QAM	1	99	17.92	17.92	18.00		
20	256QAM	50	0	18.00	18.01	18.06		
20	256QAM	50	24	18.02	18.03	18.10	19.4	0
20	256QAM	50	50	18.13	18.08	18.15		
20	256QAM	100	0	18.10	18.09	18.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.19	18.31	18.30	19.4	0
15	QPSK	1	37	18.27	18.22	18.31		
15	QPSK	1	74	18.13	18.17	18.27		
15	QPSK	36	0	18.21	18.30	18.15		
15	QPSK	36	20	18.31	18.27	18.26		
15	QPSK	36	39	18.18	18.19	18.26		
15	QPSK	75	0	18.21	18.26	18.16		
15	16QAM	1	0	18.20	18.09	18.06		
15	16QAM	1	37	18.16	18.17	18.22	19.4	0
15	16QAM	1	74	18.20	18.13	18.25		
15	16QAM	36	0	18.21	18.18	18.23		
15	16QAM	36	20	18.22	18.24	18.27	19.4	0
15	16QAM	36	39	18.16	18.15	18.11		
15	16QAM	75	0	18.19	18.16	18.19		
15	64QAM	1	0	18.03	18.14	18.14		
15	64QAM	1	37	18.14	18.13	18.23	19.4	0
15	64QAM	1	74	18.02	17.97	18.10		
15	64QAM	36	0	18.14	18.15	18.17		
15	64QAM	36	20	18.18	18.18	18.23	19.4	0
15	64QAM	36	39	18.17	18.16	18.24		
15	64QAM	75	0	18.18	18.16	18.14		
15	256QAM	1	0	18.13	18.17	18.25		
15	256QAM	1	37	18.24	18.20	18.28	19.4	0
15	256QAM	1	74	18.07	18.04	18.11		
15	256QAM	36	0	18.17	18.14	18.21		
15	256QAM	36	20	18.14	18.14	18.19	19.4	0
15	256QAM	36	39	18.19	18.14	18.22		
15	256QAM	75	0	18.17	18.21	18.15		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.19	18.31	18.29	19.4	0
10	QPSK	1	25	18.27	18.22	18.30		
10	QPSK	1	49	18.15	18.16	18.28		
10	QPSK	25	0	18.20	18.29	18.15		
10	QPSK	25	12	18.30	18.27	18.27	19.4	0
10	QPSK	25	25	18.18	18.19	18.27		
10	QPSK	50	0	18.20	18.27	18.15		
10	16QAM	1	0	18.21	18.09	18.06		
10	16QAM	1	25	18.15	18.18	18.21	19.4	0
10	16QAM	1	49	18.19	18.13	18.24		
10	16QAM	25	0	18.21	18.19	18.23		
10	16QAM	25	12	18.22	18.24	18.26	19.4	0
10	16QAM	25	25	18.14	18.15	18.10		
10	16QAM	50	0	18.19	18.16	18.18		
10	64QAM	1	0	18.01	18.12	18.14		
10	64QAM	1	25	18.14	18.14	18.22	19.4	0
10	64QAM	1	49	18.02	17.98	18.09		
10	64QAM	25	0	18.14	18.16	18.18		
10	64QAM	25	12	18.18	18.18	18.23	19.4	0
10	64QAM	25	25	18.16	18.16	18.25		
10	64QAM	50	0	18.18	18.16	18.15		
10	256QAM	1	0	18.12	18.16	18.23		
10	256QAM	1	25	18.23	18.21	18.30	19.4	0
10	256QAM	1	49	18.07	18.04	18.10		
10	256QAM	25	0	18.17	18.14	18.20		
10	256QAM	25	12	18.14	18.14	18.19	19.4	0
10	256QAM	25	25	18.19	18.14	18.22		
10	256QAM	50	0	18.17	18.21	18.14		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.19	18.31	18.29	19.4	0
5	QPSK	1	12	18.26	18.22	18.31		
5	QPSK	1	24	18.15	18.16	18.27		
5	QPSK	12	0	18.22	18.30	18.16	19.4	0
5	QPSK	12	7	18.31	18.26	18.26		
5	QPSK	12	13	18.19	18.19	18.25		
5	QPSK	25	0	18.21	18.26	18.16		
5	16QAM	1	0	18.20	18.09	18.08		
5	16QAM	1	12	18.15	18.17	18.22	19.4	0
5	16QAM	1	24	18.19	18.13	18.24		
5	16QAM	12	0	18.21	18.17	18.22		
5	16QAM	12	7	18.21	18.23	18.25	19.4	0
5	16QAM	12	13	18.14	18.15	18.12		
5	16QAM	25	0	18.18	18.16	18.18		
5	64QAM	1	0	18.02	18.13	18.12		
5	64QAM	1	12	18.13	18.13	18.23	19.4	0
5	64QAM	1	24	18.02	17.97	18.09		
5	64QAM	12	0	18.13	18.16	18.18		
5	64QAM	12	7	18.18	18.18	18.22	19.4	0
5	64QAM	12	13	18.16	18.15	18.25		
5	64QAM	25	0	18.17	18.16	18.14		
5	256QAM	1	0	18.12	18.15	18.24		
5	256QAM	1	12	18.24	18.21	18.29	19.4	0
5	256QAM	1	24	18.07	18.04	18.12		
5	256QAM	12	0	18.16	18.14	18.20		
5	256QAM	12	7	18.15	18.15	18.18	19.4	0
5	256QAM	12	13	18.19	18.13	18.21		
5	256QAM	25	0	18.18	18.21	18.15		
Channel				26040	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.19	18.31	18.31	19.4	0
3	QPSK	1	8	18.27	18.23	18.29		
3	QPSK	1	14	18.13	18.15	18.29		
3	QPSK	8	0	18.22	18.30	18.16	19.4	0
3	QPSK	8	4	18.29	18.28	18.27		
3	QPSK	8	7	18.20	18.19	18.26		
3	QPSK	15	0	18.20	18.26	18.16		
3	16QAM	1	0	18.21	18.09	18.07		
3	16QAM	1	8	18.16	18.17	18.20	19.4	0
3	16QAM	1	14	18.18	18.12	18.24		
3	16QAM	8	0	18.21	18.18	18.21		
3	16QAM	8	4	18.22	18.25	18.25	19.4	0
3	16QAM	8	7	18.15	18.14	18.10		
3	16QAM	15	0	18.20	18.16	18.19		
3	64QAM	1	0	18.02	18.14	18.13		
3	64QAM	1	8	18.14	18.13	18.22	19.4	0
3	64QAM	1	14	18.02	17.98	18.08		
3	64QAM	8	0	18.14	18.15	18.17		
3	64QAM	8	4	18.18	18.18	18.23	19.4	0
3	64QAM	8	7	18.16	18.15	18.24		
3	64QAM	15	0	18.18	18.17	18.14		
3	256QAM	1	0	18.11	18.17	18.25		
3	256QAM	1	8	18.22	18.19	18.29	19.4	0
3	256QAM	1	14	18.08	18.04	18.10		
3	256QAM	8	0	18.17	18.14	18.20		
3	256QAM	8	4	18.15	18.14	18.20	19.4	0
3	256QAM	8	7	18.19	18.14	18.22		
3	256QAM	15	0	18.16	18.22	18.14		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.19	18.31	18.30	19.4	0
1.4	QPSK	1	3	18.28	18.23	18.30		
1.4	QPSK	1	5	18.14	18.15	18.28		
1.4	QPSK	3	0	18.20	18.30	18.17		
1.4	QPSK	3	1	18.30	18.26	18.26		
1.4	QPSK	3	3	18.19	18.19	18.26		
1.4	QPSK	6	0	18.21	18.26	18.16	19.4	0
1.4	16QAM	1	0	18.19	18.09	18.06	19.4	0
1.4	16QAM	1	3	18.16	18.18	18.22		
1.4	16QAM	1	5	18.18	18.13	18.23		
1.4	16QAM	3	0	18.22	18.19	18.23		
1.4	16QAM	3	1	18.23	18.25	18.25		
1.4	16QAM	3	3	18.15	18.14	18.11		
1.4	16QAM	6	0	18.18	18.17	18.17	19.4	0
1.4	64QAM	1	0	18.02	18.13	18.14	19.4	0
1.4	64QAM	1	3	18.14	18.14	18.22		
1.4	64QAM	1	5	18.02	17.97	18.10		
1.4	64QAM	3	0	18.14	18.17	18.17		
1.4	64QAM	3	1	18.19	18.18	18.23		
1.4	64QAM	3	3	18.16	18.16	18.25		
1.4	64QAM	6	0	18.17	18.17	18.14	19.4	0
1.4	256QAM	1	0	18.13	18.15	18.24	19.4	0
1.4	256QAM	1	3	18.23	18.20	18.28		
1.4	256QAM	1	5	18.08	18.05	18.11		
1.4	256QAM	3	0	18.16	18.14	18.20		
1.4	256QAM	3	1	18.15	18.15	18.19		
1.4	256QAM	3	3	18.20	18.14	18.22		
1.4	256QAM	6	0	18.17	18.22	18.14	19.4	0

Band 26 Ant0 DSI3 Power

BW [MHz]	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	22.43	22.61	22.57	23.5	0
15	QPSK	1	37	22.54	22.57	22.54		
15	QPSK	1	74	22.43	22.52	22.52		
15	QPSK	36	0	22.51	22.58	22.56		
15	QPSK	36	20	22.54	22.47	22.42	23.5	0
15	QPSK	36	39	22.57	22.54	22.44		
15	QPSK	75	0	22.49	22.58	22.46		
15	16QAM	1	0	22.44	22.43	22.40		
15	16QAM	1	37	22.49	22.55	22.44	23.5	0
15	16QAM	1	74	22.48	22.23	22.35		
15	16QAM	36	0	22.00	22.22	22.08		
15	16QAM	36	20	22.18	21.93	22.12	23	0.5
15	16QAM	36	39	22.00	22.17	22.12		
15	16QAM	75	0	22.10	22.00	22.07		
15	64QAM	1	0	22.07	22.13	21.99		
15	64QAM	1	37	22.02	22.02	22.10	23	0.5
15	64QAM	1	74	22.07	22.01	22.07		
15	64QAM	36	0	20.99	21.15	21.13		
15	64QAM	36	20	21.13	21.05	21.05	22	1.5
15	64QAM	36	39	21.07	21.00	21.16		
15	64QAM	75	0	21.07	21.04	21.09		
15	256QAM	1	0	18.95	19.21	18.95		
15	256QAM	1	37	19.19	18.96	19.09	20	3.5
15	256QAM	1	74	18.94	19.09	18.97		
15	256QAM	36	0	19.00	19.13	19.00		
15	256QAM	36	20	19.06	19.04	18.90	20	3.5
15	256QAM	36	39	18.94	19.03	18.92		
15	256QAM	75	0	19.04	19.01	18.91		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.58	22.54	23.5	0
10	QPSK	1	25	22.51	22.53	22.52		
10	QPSK	1	49	22.41	22.51	22.50		
10	QPSK	25	0	22.46	22.56	22.53		
10	QPSK	25	12	22.52	22.43	22.39	23.5	0
10	QPSK	25	25	22.55	22.52	22.42		
10	QPSK	50	0	22.45	22.56	22.41		
10	16QAM	1	0	22.41	22.39	22.37		
10	16QAM	1	25	22.45	22.52	22.42	23.5	0
10	16QAM	1	49	22.43	22.21	22.33		
10	16QAM	25	0	21.99	22.18	22.06		
10	16QAM	25	12	22.16	21.90	22.08	23	0.5
10	16QAM	25	25	21.98	22.13	22.11		
10	16QAM	50	0	22.07	21.98	22.06		
10	64QAM	1	0	22.03	22.12	21.98		
10	64QAM	1	25	21.99	22.00	22.08	23	0.5
10	64QAM	1	49	22.03	21.99	22.05		
10	64QAM	25	0	20.96	21.11	21.09		
10	64QAM	25	12	21.11	21.01	21.01	22	1.5
10	64QAM	25	25	21.02	20.97	21.14		
10	64QAM	50	0	21.05	21.02	21.06		
10	256QAM	1	0	18.90	19.17	18.92		
10	256QAM	1	25	19.17	18.91	19.08	20	3.5
10	256QAM	1	49	18.91	19.08	18.94		
10	256QAM	25	0	18.97	19.10	18.97		
10	256QAM	25	12	19.02	18.99	18.89	20	3.5
10	256QAM	25	25	18.90	18.98	18.88		
10	256QAM	50	0	19.03	18.98	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.59	22.52	23.5	0
5	QPSK	1	12	22.51	22.54	22.52		
5	QPSK	1	24	22.39	22.49	22.51		
5	QPSK	12	0	22.50	22.54	22.51		
5	QPSK	12	7	22.52	22.43	22.41	23.5	0
5	QPSK	12	13	22.56	22.50	22.43		
5	QPSK	25	0	22.47	22.53	22.45		
5	16QAM	1	0	22.42	22.42	22.38		
5	16QAM	1	12	22.46	22.53	22.41	23.5	0
5	16QAM	1	24	22.43	22.19	22.30		
5	16QAM	12	0	21.97	22.19	22.05		
5	16QAM	12	7	22.17	21.91	22.10	23	0.5
5	16QAM	12	13	21.98	22.15	22.09		
5	16QAM	25	0	22.06	21.99	22.04		
5	64QAM	1	0	22.02	22.10	21.97		
5	64QAM	1	12	21.99	22.00	22.08	23	0.5
5	64QAM	1	24	22.04	21.97	22.03		
5	64QAM	12	0	20.98	21.14	21.12		
5	64QAM	12	7	21.12	21.02	21.03	22	1.5
5	64QAM	12	13	21.04	20.96	21.11		
5	64QAM	25	0	21.05	21.01	21.07		
5	256QAM	1	0	18.90	19.18	18.94		
5	256QAM	1	12	19.15	18.95	19.07	20	3.5
5	256QAM	1	24	18.93	19.05	18.95		
5	256QAM	12	0	18.97	19.11	18.95		
5	256QAM	12	7	19.04	19.01	18.89	20	3.5
5	256QAM	12	13	18.91	18.98	18.88		
5	256QAM	25	0	18.99	18.96	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.41	22.60	22.53	23.5	0
3	QPSK	1	8	22.51	22.53	22.52		
3	QPSK	1	14	22.39	22.49	22.47		
3	QPSK	8	0	22.48	22.56	22.53		
3	QPSK	8	4	22.49	22.42	22.41	23.5	0
3	QPSK	8	7	22.53	22.52	22.42		
3	QPSK	15	0	22.48	22.57	22.43		
3	16QAM	1	0	22.41	22.38	22.37		
3	16QAM	1	8	22.46	22.51	22.43	23.5	0
3	16QAM	1	14	22.46	22.20	22.31		
3	16QAM	8	0	21.96	22.19	22.04		
3	16QAM	8	4	22.16	21.88	22.08	23	0.5
3	16QAM	8	7	21.99	22.13	22.08		
3	16QAM	15	0	22.07	21.97	22.06		
3	64QAM	1	0	22.06	22.11	21.96		
3	64QAM	1	8	21.99	22.01	22.06	23	0.5
3	64QAM	1	14	22.05	21.99	22.02		
3	64QAM	8	0	20.97	21.12	21.11		
3	64QAM	8	4	21.09	21.01	21.02	22	1.5
3	64QAM	8	7	21.05	20.96	21.14		
3	64QAM	15	0	21.05	21.02	21.05		
3	256QAM	1	0	18.91	19.18	18.92		
3	256QAM	1	8	19.15	18.92	19.07	20	3.5
3	256QAM	1	14	18.92	19.07	18.94		
3	256QAM	8	0	18.98	19.11	18.97		
3	256QAM	8	4	19.05	19.03	18.87	20	3.5
3	256QAM	8	7	18.93	19.01	18.91		
3	256QAM	15	0	19.01	18.98	18.89		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.27	22.49	22.46	23.5	0
1.4	QPSK	1	3	22.51	22.40	22.59		
1.4	QPSK	1	5	22.45	22.55	22.55		
1.4	QPSK	3	0	22.41	22.51	22.47		
1.4	QPSK	3	1	22.55	22.45	22.35		
1.4	QPSK	3	3	22.48	22.54	22.40		
1.4	QPSK	6	0	22.37	22.54	22.33	23.5	0
1.4	16QAM	1	0	22.46	22.30	22.44	23.5	0
1.4	16QAM	1	3	22.38	22.44	22.34		
1.4	16QAM	1	5	22.43	22.23	22.41		
1.4	16QAM	3	0	22.33	22.55	22.33		
1.4	16QAM	3	1	22.52	22.18	22.39		
1.4	16QAM	3	3	22.27	22.41	22.38		
1.4	16QAM	6	0	22.02	21.91	21.97	23	0.5
1.4	64QAM	1	0	21.92	22.05	21.98	23	0.5
1.4	64QAM	1	3	21.91	21.91	22.13		
1.4	64QAM	1	5	21.96	21.99	22.06		
1.4	64QAM	3	0	21.91	22.14	22.07		
1.4	64QAM	3	1	22.07	21.95	21.91		
1.4	64QAM	3	3	21.97	21.96	22.09		
1.4	64QAM	6	0	21.05	21.01	21.05	22	1.5
1.4	256QAM	1	0	18.84	19.14	18.96	20	3.5
1.4	256QAM	1	3	19.15	18.95	19.04		
1.4	256QAM	1	5	18.91	19.02	18.84		
1.4	256QAM	3	0	19.02	19.14	19.04		
1.4	256QAM	3	1	18.91	19.11	18.79		
1.4	256QAM	3	3	18.93	19.02	18.83		
1.4	256QAM	6	0	18.99	19.10	18.81	20	3.5

Band 66 Ant0 DSI3 Power

BW [MHz]	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	17.87	17.99	17.92	19.4	0
20	QPSK	1	49	17.79	17.71	17.75		
20	QPSK	1	99	17.88	17.79	17.76		
20	QPSK	50	0	17.74	17.89	17.65		
20	QPSK	50	24	17.83	17.77	17.68	19.4	0
20	QPSK	50	50	17.74	17.77	17.67		
20	QPSK	100	0	17.76	17.79	17.69		
20	16QAM	1	0	17.87	17.86	17.82		
20	16QAM	1	49	17.69	17.89	17.91	19.4	0
20	16QAM	1	99	17.89	17.84	17.76		
20	16QAM	50	0	17.99	17.78	17.81		
20	16QAM	50	24	17.84	17.81	17.61	19.4	0
20	16QAM	50	50	17.82	17.74	17.57		
20	16QAM	100	0	17.83	17.80	17.69		
20	64QAM	1	0	17.76	17.69	17.72		
20	64QAM	1	49	17.77	17.80	17.60	19.4	0
20	64QAM	1	99	17.51	17.50	17.54		
20	64QAM	50	0	17.73	17.84	17.77		
20	64QAM	50	24	17.83	17.75	17.65	19.4	0
20	64QAM	50	50	17.59	17.73	17.62		
20	64QAM	100	0	17.77	17.78	17.64		
20	256QAM	1	0	17.74	17.53	17.69		
20	256QAM	1	49	17.71	17.67	17.52	19	0.4
20	256QAM	1	99	17.49	17.55	17.44		
20	256QAM	50	0	17.64	17.73	17.74		
20	256QAM	50	24	17.72	17.73	17.58	19	0.4
20	256QAM	50	50	17.49	17.63	17.54		
20	256QAM	100	0	17.65	17.75	17.61		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.83	17.90	17.80	19.4	0
15	QPSK	1	37	17.77	17.67	17.72		
15	QPSK	1	74	17.85	17.75	17.72		
15	QPSK	36	0	17.70	17.88	17.61		
15	QPSK	36	20	17.81	17.73	17.63		
15	QPSK	36	39	17.72	17.73	17.65		
15	QPSK	75	0	17.75	17.75	17.66		
15	16QAM	1	0	17.84	17.82	17.77		
15	16QAM	1	37	17.66	17.88	17.88	19.4	0
15	16QAM	1	74	17.86	17.80	17.73		

Band 38(only on channel required) Ant0 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.82	21.00	20.88	22.6	0
20	QPSK	1	49	20.98	20.97	20.87		
20	QPSK	1	99	20.93	20.89	20.96		
20	QPSK	50	0	20.81	20.97	20.92	22.6	0
20	QPSK	50	24	20.83	20.91	20.91		
20	QPSK	50	50	20.78	20.76	20.87		
20	QPSK	100	0	20.92	20.95	20.78		
20	16QAM	1	0	20.79	20.93	20.85	22.6	0
20	16QAM	1	49	20.86	20.74	20.80		
20	16QAM	1	99	20.91	20.86	20.76		
20	16QAM	50	0	20.80	20.83	20.87	22.6	0
20	16QAM	50	24	20.70	20.93	20.84		
20	16QAM	50	50	20.85	20.69	20.73		
20	16QAM	100	0	20.91	20.94	20.67		
20	64QAM	1	0	20.76	20.82	20.87	22.6	0
20	64QAM	1	49	20.73	20.68	20.86		
20	64QAM	1	99	20.92	20.88	20.81		
20	64QAM	50	0	20.79	20.82	20.89	22.6	0
20	64QAM	50	24	20.63	20.92	20.85		
20	64QAM	50	50	20.94	20.76	20.82		
20	64QAM	100	0	20.91	20.83	20.80		
20	256QAM	1	0	20.61	20.84	20.82	22	0.6
20	256QAM	1	49	20.63	20.63	20.77		
20	256QAM	1	99	20.69	20.75	20.76		
20	256QAM	50	0	20.74	20.87	20.76	22	0.6
20	256QAM	50	24	20.53	20.86	20.81		
20	256QAM	50	50	20.77	20.66	20.69		
20	256QAM	100	0	20.82	20.68	20.66		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.73	20.89	20.81	22.6	0
15	QPSK	1	37	20.83	20.87	20.81		
15	QPSK	1	74	20.86	20.75	20.84		
15	QPSK	36	0	20.66	20.82	20.77	22.6	0
15	QPSK	36	20	20.74	20.75	20.85		
15	QPSK	36	39	20.72	20.71	20.75		
15	QPSK	75	0	20.79	20.88	20.64		
15	16QAM	1	0	20.66	20.87	20.78	22.6	0
15	16QAM	1	37	20.82	20.65	20.70		
15	16QAM	1	74	20.79	20.80	20.70		
15	16QAM	36	0	20.74	20.69	20.75	22.6	0
15	16QAM	36	20	20.65	20.85	20.78		
15	16QAM	36	39	20.79	20.65	20.66		
15	16QAM	75	0	20.86	20.85	20.85		
15	64QAM	1	0	20.66	20.78	20.76	22.6	0
15	64QAM	1	37	20.66	20.79	20.79		
15	64QAM	1	74	20.85	20.83	20.68		
15	64QAM	36	0	20.73	20.76	20.81	22.6	0
15	64QAM	36	20	20.63	20.87	20.80		
15	64QAM	36	39	20.80	20.67	20.72		
15	64QAM	75	0	20.76	20.76	20.70		
15	256QAM	1	0	20.57	20.58	20.74	22	0.6
15	256QAM	1	37	20.57	20.56	20.69		
15	256QAM	1	74	20.77	20.64	20.65		
15	256QAM	36	0	20.68	20.58	20.67	22	0.6
15	256QAM	36	20	20.75	20.72	20.76		
15	256QAM	36	39	20.80	20.59	20.57		
15	256QAM	75	0	20.73	20.52	20.57		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.66	20.86	20.74	22.6	0
10	QPSK	1	25	20.83	20.84	20.82		
10	QPSK	1	49	20.89	20.76	20.87		
10	QPSK	25	0	20.66	20.89	20.86	22.6	0
10	QPSK	25	12	20.74	20.75	20.86		
10	QPSK	25	25	20.74	20.69	20.73		
10	QPSK	50	0	20.86	20.80	20.70		
10	16QAM	1	0	20.72	20.80	20.77	22.6	0
10	16QAM	1	25	20.77	20.63	20.74		
10	16QAM	1	49	20.81	20.74	20.69		
10	16QAM	25	0	20.69	20.74	20.78	22.6	0
10	16QAM	25	12	20.74	20.84	20.77		
10	16QAM	25	25	20.72	20.75	20.62		
10	16QAM	50	0	20.79	20.85	20.69		
10	64QAM	1	0	20.71	20.74	20.76	22.6	0
10	64QAM	1	25	20.69	20.71	20.73		
10	64QAM	1	49	20.85	20.78	20.75		
10	64QAM	25	0	20.66	20.73	20.77	22.6	0
10	64QAM	25	12	20.81	20.82	20.75		
10	64QAM	25	25	20.83	20.68	20.74		
10	64QAM	50	0	20.86	20.70	20.76		
10	256QAM	1	0	20.55	20.60	20.72	22	0.6
10	256QAM	1	25	20.59	20.58	20.68		
10	256QAM	1	49	20.79	20.63	20.67		
10	256QAM	25	0	20.61	20.66	20.72	22	0.6
10	256QAM	25	12	20.64	20.75	20.71		
10	256QAM	25	25	20.73	20.61	20.55		
10	256QAM	50	0	20.69	20.62	20.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.78	20.86	20.79	22.6	0
5	QPSK	1	12	20.91	20.92	20.79		
5	QPSK	1	24	20.85	20.83	20.85		
5	QPSK	12	0	20.77	20.90	20.87	22.6	0
5	QPSK	12	7	20.74	20.84	20.81		
5	QPSK	12	13	20.66	20.66	20.80		
5	QPSK	25	0	20.78	20.89	20.66		
5	16QAM	1	0	20.67	20.85	20.76	22.6	0
5	16QAM	1	12	20.77	20.66	20.69		
5	16QAM	1	24	20.75	20.71	20.70		
5	16QAM	12	0	20.67	20.71	20.76	22.6	0
5	16QAM	12	7	20.69	20.80	20.77		
5	16QAM	12	13	20.78	20.77	20.62		
5	16QAM	25	0	20.85	20.84	20.64		
5	64QAM	1	0	20.61	20.71	20.77	22.6	0
5	64QAM	1	12	20.61	20.61	20.74		
5	64QAM	1	24	20.80	20.81	20.66		
5	64QAM	12	0	20.65	20.76	20.75	22.6	0
5	64QAM	12	7	20.84	20.80	20.72		
5	64QAM	12	13	20.84	20.68	20.72		
5	64QAM	25	0	20.86	20.75	20.67		
5	256QAM	1	0	20.56	20.54	20.69	22	0.6
5	256QAM	1	12	20.59	20.55	20.66		
5	256QAM	1	24	20.75	20.61	20.61		
5	256QAM	12	0	20.60	20.62	20.68	22	0.6
5	256QAM	12	7	20.53	20.71	20.66		
5	256QAM	12	13	20.71	20.61	20.64		
5	256QAM	25	0	20.67	20.61	20.56		

Band 38(only on channel required) PC2 Ant0 DSI3 Power

BW [MHz]	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	22.88	22.95	22.91	24.2	0
20	QPSK	1	49	22.81	22.79	22.87		
20	QPSK	1	99	22.90	22.80	22.90		
20	QPSK	50	0	22.87	22.94	22.91	24.2	0
20	QPSK	50	24	22.84	22.81	22.71		
20	QPSK	50	50	22.88	22.87	22.65		
20	QPSK	100	50	22.80	22.88	22.74		
20	16QAM	1	0	22.75	22.73	22.78	24.2	0
20	16QAM	1	49	22.86	22.85	22.73		
20	16QAM	1	99	22.84	22.83	22.70		
20	16QAM	50	0	22.71	22.69	22.78	24.2	0
20	16QAM	50	24	22.80	22.81	22.77		
20	16QAM	50	50	22.83	22.88	22.63		
20	16QAM	100	0	22.80	22.87	22.83		
20	64QAM	1	0	22.86	22.78	22.66	24.2	0
20	64QAM	1	49	22.68	22.75	22.68		
20	64QAM	1	99	22.83	22.62	22.80		
20	64QAM	50	0	22.68	22.73	22.78	24.2	0
20	64QAM	50	24	22.82	22.79	22.73		
20	64QAM	50	50	22.81	22.87	22.73		
20	64QAM	100	0	22.77	22.80	22.65		
20	256QAM	1	0	21.73	21.86	21.58	23.2	1
20	256QAM	1	49	21.65	21.81	21.59		
20	256QAM	1	99	21.81	21.61	21.76		
20	256QAM	50	0	21.68	21.81	21.79	23.2	1
20	256QAM	50	24	21.78	21.69	21.75		
20	256QAM	50	50	21.76	21.73	21.72		
20	256QAM	100	0	21.74	21.68	21.75		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.76	22.83	22.88	24.2	0
15	QPSK	1	37	22.77	22.78	22.87		
15	QPSK	1	74	22.87	22.76	22.87		
15	QPSK	36	0	22.71	22.88	22.76	24.2	0
15	QPSK	36	20	22.81	22.78	22.68		
15	QPSK	36	39	22.86	22.82	22.63		
15	QPSK	75	0	22.78	22.87	22.73		
15	16QAM	1	0	22.72	22.69	22.76	24.2	0
15	16QAM	1	37	22.82	22.80	22.71		
15	16QAM	1	74	22.81	22.81	22.67		
15	16QAM	36	0	22.67	22.64	22.73	24.2	0
15	16QAM	36	20	22.78	22.78	22.74		
15	16QAM	36	39	22.80	22.86	22.59		
15	16QAM	75	0	22.78	22.85	22.78		
15	64QAM	1	0	22.82	22.74	22.61	24.2	0
15	64QAM	1	37	22.63	22.73	22.65		
15	64QAM	1	74	22.82	22.58	22.75		
15	64QAM	36	0	22.64	22.72	22.73	24.2	0
15	64QAM	36	20	22.78	22.74	22.71		
15	64QAM	36	39	22.79	22.84	22.71		
15	64QAM	75	0	22.75	22.76	22.63		
15	256QAM	1	0	21.68	21.81	21.56	23.2	1
15	256QAM	1	37	21.62	21.78	21.57		
15	256QAM	1	74	21.80	21.57	21.73		
15	256QAM	36	0	21.65	21.79	21.76	23.2	1
15	256QAM	36	20	21.74	21.66	21.71		
15	256QAM	36	39	21.71	21.69	21.67		
15	256QAM	75	0	21.72	21.66	21.72		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.74	22.85	22.86	24.2	0
10	QPSK	1	25	22.77	22.76	22.87		
10	QPSK	1	49	22.86	22.75	22.85		
10	QPSK	25	0	22.72	22.87	22.78	24.2	0
10	QPSK	25	12	22.81	22.78	22.67		
10	QPSK	25	25	22.87	22.82	22.61		
10	QPSK	50	0	22.76	22.86	22.73		
10	16QAM	1	0	22.71	22.71	22.76	24.2	0
10	16QAM	1	25	22.81	22.83	22.69		
10	16QAM	1	49	22.82	22.79	22.66		
10	16QAM	25	0	22.68	22.66	22.77	24.2	0
10	16QAM	25	12	22.76	22.77	22.75		
10	16QAM	25	25	22.79	22.82	22.59		
10	16QAM	50	0	22.77	22.86	22.80		
10	64QAM	1	0	22.84	22.74	22.65	24.2	0
10	64QAM	1	25	22.65	22.71	22.66		
10	64QAM	1	49	22.80	22.57	22.75		
10	64QAM	25	0	22.66	22.68	22.75	24.2	0
10	64QAM	25	12	22.78	22.74	22.71		
10	64QAM	25	25	22.76	22.83	22.69		
10	64QAM	50	0	22.75	22.79	22.62		
10	256QAM	1	0	21.72	21.81	21.55	23.2	1
10	256QAM	1	25	21.60	21.77	21.55		
10	256QAM	1	49	21.78	21.59	21.71		
10	256QAM	25	0	21.67	21.80	21.77	23.2	1
10	256QAM	25	12	21.75	21.67	21.71		
10	256QAM	25	25	21.74	21.70	21.68		
10	256QAM	50	0	21.70	21.65	21.71		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.73	22.87	22.89	24.2	0
5	QPSK	1	12	22.79	22.76	22.89		
5	QPSK	1	24	22.86	22.78	22.86		
5	QPSK	12	0	22.73	22.86	22.78	24.2	0
5	QPSK	12	7	22.83	22.80	22.67		
5	QPSK	12	13	22.84	22.82	22.64		
5	QPSK	25	0	22.79	22.85	22.71		
5	16QAM	1	0	22.73	22.70	22.74	24.2	0
5	16QAM	1	12	22.84	22.83	22.71		
5	16QAM	1	24	22.82	22.79	22.65		
5	16QAM	12	0	22.67	22.66	22.75	24.2	0
5	16QAM	12	7	22.76	22.78	22.74		
5	16QAM	12	13	22.82	22.83	22.60		
5	16QAM	25	0	22.76	22.85	22.79		
5	64QAM	1	0	22.64	22.72	22.64	24.2	0
5	64QAM	1	12	22.66	22.73	22.64		
5	64QAM	1	24	22.81	22.61	22.78		
5	64QAM	12	0	22.65	22.71	22.77	24.2	0
5	64QAM	12	7	22.78	22.77	22.70		
5	64QAM	12	13	22.77	22.85	22.70		
5	64QAM	25	0	22.75	22.76	22.62		
5	256QAM	1	0	21.70	21.84	21.56	23.2	1
5	256QAM	1	12	21.64	21.78	21.57		
5	256QAM	1	24	21.78	21.60	21.72		
5	256QAM	12	0	21.66	21.77	21.74	23.2	1
5	256QAM	12	7	21.77	21.65	21.74		
5	256QAM	12	13	21.73	21.69	21.70		
5	256QAM	25	0	21.72	21.66	21.71		

Band 41 (2.6G Band) Ant0 DSI3 Power

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	21.08	21.27	21.35	21.16	21.23	22.3	0
20	QPSK	1	49	21.11	21.23	21.22	21.11	21.29		
20	QPSK	1	99	21.13	21.18	21.20	21.28	21.24		
20	QPSK	50	0	21.20	21.25	21.30	20.99	21.06	22.3	0
20	QPSK	50	24	21.01	21.22	21.24	21.18	21.20		
20	QPSK	50	50	21.13	21.21	21.15	21.06	21.28		
20	QPSK	100	0	21.04	21.18	21.26	21.09	21.22		
20	16QAM	1	0	21.02	20.98	21.14	21.05	21.18	22.3	0
20	16QAM	1	49	21.10	21.20	21.03	20.91	21.12		
20	16QAM	1	99	20.94	21.15	21.17	20.87	21.07		
20	16QAM	50	0	21.15	21.18	20.99	21.07	21.12	22.3	0
20	16QAM	50	24	21.15	21.12	21.21	21.21	21.03		
20	16QAM	50	50	20.95	21.14	21.18	21.16	21.19		
20	16QAM	100	0	21.10	21.04	21.12	21.16	21.20		
20	64QAM	1	0	20.83	20.95	21.09	20.87	20.95	22.3	0
20	64QAM	1	49	20.94	21.09	21.06	20.98	20.87		
20	64QAM	1	99	20.96	21.10	21.06	20.87	21.00		
20	64QAM	50	0	20.98	21.20	21.08	20.97	21.06	22.3	0
20	64QAM	50	24	20.85	20.99	21.01	20.95	20.98		
20	64QAM	50	50	20.95	21.08	21.16	21.18	21.02		
20	64QAM	100	0	20.85	21.10	21.14	20.81	21.08		
20	256QAM	1	0	19.08	19.20	19.36	19.12	19.26	20.3	2
20	256QAM	1	49	19.16	19.29	19.29	19.06	19.26		
20	256QAM	1	99	19.16	19.15	19.22	19.31	19.22		
20	256QAM	50	0	19.28	19.27	19.34	19.07	19.13	20.3	2
20	256QAM	50	24	19.03	19.20	19.29	19.25	19.17		
20	256QAM	50	50	19.15	19.23	19.15	19.04	19.24		
20	256QAM	100	0	19.06	19.16	19.27	19.05	19.18		
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	21.06	21.20	21.31	21.15	21.25	22	0
15	QPSK	1	37	21.08	21.19	21.18	21.06	21.27		
15	QPSK	1	74	21.09	21.16	21.19	21.24	21.21		
15	QPSK	36	0	21.19	21.21	21.26	20.94	21.03	22.3	0
15	QPSK	36	20	20.97	21.19	21.18	21.16	21.17		
15	QPSK	36	39	21.07	21.16	21.16	21.04	21.27		
15	QPSK	75	0	21.03	21.14	21.26	21.08	21.18		
15	16QAM	1	0	21.00	20.95	21.10	20.97	21.13	22.3	0
15	16QAM	1	37	21.06	21.15	21.00	20.87	21.09		
15	16QAM	1	74	20.93	21.15	21.09	20.83	21.06		
15	16QAM	36	0	21.12	21.16	20.98	21.06	21.12	22.3	0
15	16QAM	36	20	21.13	21.09	21.14	21.17	21.02		
15	16QAM	36	39	20.91	21.13	21.14	21.13	21.16		
15	16QAM	75	0	21.03	21.02	21.10	21.13	21.18		
15	64QAM	1	0	20.79	20.91	21.11	20.84	20.92	22.3	0
15	64QAM	1	37	20.91	21.07	21.06	20.99	20.85		
15	64QAM	1	74	20.92	21.11	21.04	20.86	20.92		
15	64QAM	36	0	20.94	21.14	21.06	20.96	21.05	22.3	0
15	64QAM	36	20	20.81	20.93	20.95	20.91	20.93		
15	64QAM	36	39	20.92	21.04	21.16	21.14	21.04		
15	64QAM	75	0	20.85	21.09	21.09	20.77	21.06		
15	256QAM	1	0	19.08	19.19	19.35	19.11	19.24	20.3	2
15	256QAM	1	37	19.09	19.25	19.23	19.05	19.25		
15	256QAM	1	74	19.18	19.16	19.16	19.29	19.23		
15	256QAM	36	0	19.22	19.25	19.31	19.03	19.12	20.3	2
15	256QAM	36	20	18.99	19.18	19.27	19.22	19.14		
15	256QAM	36	39	19.17	19.19	19.11	19.03	19.20		
15	256QAM	75	0	19.02	19.11	19.22	19.04	19.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.08	21.24	21.34	21.16	21.24	22	0
10	QPSK	1	25	21.06	21.20	21.17	21.06	21.26		
10	QPSK	1	49	21.12	21.16	21.19	21.24	21.21		
10	QPSK	25	0	21.18	21.20	21.23	20.96	21.04	22.3	0
10	QPSK	25	12	20.96	21.19	21.18	21.16	21.18		
10	QPSK	25	25	21.08	21.16	21.15	21.03	21.23		
10	QPSK	50	0	21.00	21.16	21.26	21.05	21.18		
10	16QAM	1	0	21.00	20.99	21.11	20.99	21.15	22.3	0
10	16QAM	1	25	21.04	21.15	21.02	20.88	21.09		
10	16QAM	1	49	20.95	21.11	21.11	20.80	21.07		
10	16QAM	25	0	21.11	21.15	20.99	21.07	21.12	22.3	0
10	16QAM	25	12	21.13	21.09	21.14	21.16	21.03		
10	16QAM	25	25	20.91	21.06	21.14	21.12	21.15		
10	16QAM	50	0	21.06	21.01	21.08	21.13	21.20		
10	64QAM	1	0	20.78	20.91	21.09	20.83	20.89	22.3	0
10	64QAM	1	25	20.88	21.03	21.05	20.98	20.85		
10	64QAM	1	49	20.90	21.11	21.01	20.84	20.96		
10	64QAM	25	0	20.96	21.15	21.07	20.97	21.04	22.3	0
10	64QAM	25	12	20.85	20.95	20.95	20.93	20.93		
10	64QAM	25	25	20.93	21.05	21.16	21.12	21.04		
10	64QAM	50	0	20.84	21.08	21.09	20.80	21.03		
10	256QAM	1	0	19.05	19.16	19.36	19.11	19.25	20.3	2
10	256QAM	1	25	19.09	19.25	19.26	19.04	19.26		
10	256QAM	1	49	19.15	19.14	19.17	19.31	19.23		
10	256QAM	25	0	19.22	19.25	19.35	19.03	19.12	20.3	2
10	256QAM	25	12	18.99	19.19	19.28	19.25	19.12		
10	256QAM	25	25	19.15	19.22	19.13	19.04	19.21		
10	256QAM	50	0	19.05	19.12	19.19	19.04	19.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.07	21.22	21.32	21.17	21.23	22	0
5	QPSK	1	12	21.09	21.19	21.20	21.09	21.27		
5	QPSK	1	24	21.09	21.17	21.21	21.24	21.21		
5	QPSK	12	0	21.20	21.20	21.24	20.97	21.03	22.3	0
5	QPSK	12	7	20.98	21.17	21.20	21.14	21.16		
5	QPSK	12	13	21.07	21.16	21.15	21.02	21.23		
5	QPSK	25	0	21.03	21.17	21.23	21.05	21.17		
5	16QAM	1	0	21.03	20.99	21.09	20.99	21.14	22.3	0
5	16QAM	1	12	21.03	21.17	21.00	20.90	21.08		
5	16QAM	1	24	20.95	21.14	21.13	20.82	21.05		
5	16QAM	12	0	21.11	21.16	21.00	21.05	21.11	22.3	0
5	16QAM	12

	Ant1 DSI3 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.05	32.03	33.50	23.19	23.05	23.03	24.50
GPRS 1 Tx slot	32.18	32.02	32.01	33.50	23.18	23.02	23.01	24.50
GPRS 2 Tx slots	29.45	29.25	29.24	30.00	23.45	23.25	23.24	24.00
GPRS 3 Tx slots	28.03	28.05	27.79	29.50	23.77	23.79	23.53	25.24
GPRS 4 Tx slots	26.45	26.25	26.17	27.50	23.45	23.25	23.17	24.50
EDGE 1 Tx slot	25.08	25.13	25.00	26.00	16.08	16.13	16.00	17.00
EDGE 2 Tx slots	23.52	23.49	23.63	25.00	17.52	17.49	17.63	19.00
EDGE 3 Tx slots	22.48	22.35	22.65	24.00	18.22	18.09	18.39	19.74
EDGE 4 Tx slots	20.35	20.25	20.48	22.00	17.35	17.25	17.48	19.00

		Ant1 DSI3 Power			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.72	23.77	23.71	25.00
3GPP Rel 99	RMC 12.2Kbps	23.78	23.79	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.96	22.91	24.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.94	22.97	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.41	22.44	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.52	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.73	22.78	22.73	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.25	22.66	22.68	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.15	22.23	22.10	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.19	22.25	23.50
3GPP Rel 6	HSUPA Subtest-1	22.36	22.23	22.04	24.00
3GPP Rel 6	HSUPA Subtest-2	20.91	21.01	20.92	22.00
3GPP Rel 6	HSUPA Subtest-3	21.97	21.94	22.04	23.00
3GPP Rel 6	HSUPA Subtest-4	20.92	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	22.86	22.87	23.04	24.00

Band 2 Ant1 DSI3 Power

BW [MHz]	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	19.23	19.38	19.16	20.6	0
20	QPSK	1	49	19.32	19.21	19.28		
20	QPSK	1	99	19.12	19.26	19.23		
20	QPSK	50	0	19.19	19.31	18.99		
20	QPSK	50	24	19.02	19.11	19.08	20.6	0
20	QPSK	50	50	19.11	19.15	19.11		
20	QPSK	100	0	19.03	19.26	18.96		
20	16QAM	1	0	19.03	18.95	18.89		
20	16QAM	1	49	18.86	18.90	18.88	20.6	0
20	16QAM	1	99	18.87	18.78	18.80		
20	16QAM	50	0	18.95	18.86	18.93		
20	16QAM	50	24	19.04	19.00	19.03	20.6	0
20	16QAM	50	50	18.98	18.91	18.91		
20	16QAM	100	0	19.05	18.96	18.99		
20	64QAM	1	0	19.15	19.06	19.13		
20	64QAM	1	49	19.13	19.09	19.10	20.6	0
20	64QAM	1	99	19.02	18.90	19.03		
20	64QAM	50	0	19.03	18.91	18.88		
20	64QAM	50	24	19.06	18.98	18.96	20.6	0
20	64QAM	50	50	19.00	18.90	18.94		
20	64QAM	100	0	19.01	18.99	18.97		
20	256QAM	1	0	18.19	18.23	18.24		
20	256QAM	1	49	18.25	18.11	18.23	19	1.6
20	256QAM	1	99	18.23	18.11	18.33		
20	256QAM	50	0	18.10	18.33	18.25		
20	256QAM	50	24	18.21	18.14	18.29	19	1.6
20	256QAM	50	50	18.18	18.33	18.10		
20	256QAM	100	0	18.30	18.34	18.22		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.23	19.33	19.13		
15	QPSK	1	37	19.27	19.20	19.28	20.6	0
15	QPSK	1	74	19.12	19.21	19.17		
15	QPSK	36	0	19.18	19.29	18.96		
15	QPSK	36	20	18.97	19.06	19.04	20.6	0
15	QPSK	36	39	19.07	19.13	19.11		
15	QPSK	75	0	18.99	19.25	18.94		
15	16QAM	1	0	18.99	18.94	18.85		
15	16QAM	1	37	18.84	18.90	18.87	20.6	0
15	16QAM	1	74	18.82	18.73	18.76		
15	16QAM	36	0	18.92	18.85	18.87		
15	16QAM	36	20	19.01	18.97	19.00	20.6	0
15	16QAM	36	39	18.94	18.86	18.85		
15	16QAM	75	0	19.05	18.90	18.97		
15	64QAM	1	0	19.12	19.05	19.10		
15	64QAM	1	37	19.08	19.04	19.07	20.6	0
15	64QAM	1	74	19.00	18.85	19.01		
15	64QAM	36	0	19.02	18.86	18.85		
15	64QAM	36	20	19.00	18.93	18.92	20.6	0
15	64QAM	36	39	18.96	18.88	18.89		
15	64QAM	75	0	18.99	18.98	18.96		
15	256QAM	1	0	18.29	18.24	18.23		
15	256QAM	1	37	18.08	18.12	18.33	19	1.6
15	256QAM	1	74	18.10	18.09	18.24		
15	256QAM	36	0	18.31	18.12	18.29		
15	256QAM	36	20	18.16	18.30	18.10	19	1.6
15	256QAM	36	39	18.37	18.27	18.21		
15	256QAM	75	0	18.25	18.16	18.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.21	19.36	19.11	20.6	0
10	QPSK	1	25	19.27	19.16	19.28		
10	QPSK	1	49	19.11	19.17	19.20		
10	QPSK	25	0	19.14	19.30	18.94		
10	QPSK	25	12	18.99	19.05	19.06	20.6	0
10	QPSK	25	25	19.11	19.12	19.06		
10	QPSK	50	0	19.00	19.26	18.91		
10	16QAM	1	0	18.99	18.91	18.85		
10	16QAM	1	25	18.83	18.87	18.88	20.6	0
10	16QAM	1	49	18.85	18.72	18.78		
10	16QAM	25	0	18.92	18.84	18.88		
10	16QAM	25	12	19.01	18.96	18.99	20.6	0
10	16QAM	25	25	18.93	18.86	18.86		
10	16QAM	50	0	19.04	18.93	18.98		
10	64QAM	1	0	19.12	19.04	19.12		
10	64QAM	1	25	19.09	19.06	19.05	20.6	0
10	64QAM	1	49	18.97	18.90	19.01		
10	64QAM	25	0	18.99	18.88	18.85		
10	64QAM	25	12	19.04	18.94	18.94	20.6	0
10	64QAM	25	25	18.98	18.87	18.93		
10	64QAM	50	0	18.99	18.93	18.92		
10	256QAM	1	0	18.22	18.33	18.10		
10	256QAM	1	25	18.11	18.22	18.19	19	1.6
10	256QAM	1	49	18.06	18.11	18.09		
10	256QAM	25	0	18.24	18.35	18.32		
10	256QAM	25	12	18.25	18.26	18.12	19	1.6
10	256QAM	25	25	18.39	18.32	18.10		
10	256QAM	50	0	18.21	18.24	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.19	19.37	19.11		
5	QPSK	1	12	19.29	19.16	19.22	20.6	0
5	QPSK	1	24	19.10	19.17	19.18		
5	QPSK	12	0	19.18	19.29	18.98		
5	QPSK	12	7	19.00	19.09	19.06	20.6	0
5	QPSK	12	13	19.09	19.13	19.11		
5	QPSK	25	0	19.02	19.22	18.95		
5	16QAM	1	0	19.01	18.94	18.85		
5	16QAM	1	12	18.81	18.89	18.87	20.6	0
5	16QAM	1	24	18.84	18.78	18.78		
5	16QAM	12	0	18.90	18.81	18.89		
5	16QAM	12	7	19.01	18.97	19.03	20.6	0
5	16QAM	12	13	18.95	18.90	18.88		
5	16QAM	25	0	19.01	18.94	18.93		
5	64QAM	1	0	19.14	19.00	19.12		
5	64QAM	1	12	19.11	19.07	19.09	20.6	0
5	64QAM	1	24	19.02	18.85	19.01		
5	64QAM	12	0	19.00	18.86	18.86		
5	64QAM	12	7	19.03	18.93	18.96	20.6	0
5	64QAM	12	13	18.99	18.88	18.92		
5	64QAM	25	0	18.98	18.96	18.96		
5	256QAM	1	0	18.05	18.19	18.05		
5	256QAM	1	12	18.24	18.25	18.32	19	1.6
5	256QAM	1	24	18.34	18.05	18.12		
5	256QAM	12	0	18.13	18.17	18.09		
5	256QAM	12	7	18.30	18.35	18.21	19	1.6
5	256QAM	12	13	18.37	18.24	18.17		
5	256QAM	25	0	18.25	18.21	18.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.20	19.28	19.13		
3	QPSK	1	8	19.28	19.15	19.26	20.6	0
3	QPSK	1	14	19.11	19.17	19.19		
3	QPSK	8	0	19.16	19.26	18.98		
3	QPSK	8	4	18.98	19.10	19.06	20.6	0
3	QPSK	8	7	19.05	19.11	19.09		
3	QPSK	15	0	19.00	19.21	18.92		
3	16QAM	1	0	18.99	18.94	18.88		
3	16QAM	1	8	18.85	18.87	18.88	20.6	0
3	16QAM	1	14	18.85	18.74	18.78		
3	16QAM	8	0	18.94	18.81	18.90		
3	16QAM	8	4	19.00	18.97	18.97	20.6	0
3	16QAM	8	7	18.97	18.86	18.89		
3	16QAM	15	0	19.05	18.95	18.97		
3	64QAM	1	0	19.13	19.02	19.11		
3	64QAM	1	8	19.11	19.08	19.09	20.6	0
3	64QAM	1	14	19.01	18.86	18.99		
3	64QAM	8	0	19.03	18.91	18.84		
3	64QAM	8	4	19.01	18.95	18.95	20.6	0
3	64QAM	8	7	18.98	18.87	18.88		
3	64QAM	15	0	18.99	18.94	18.93		
3	256QAM	1	0	18.23	18.12	18.14		
3	256QAM	1	8	18.30	18.30	18.32	19	1.6
3	256QAM	1	14	18.11	18.02	18.17		
3	256QAM	8	0	18.17	18.30	18.15		
3	256QAM	8	4	18.08	18.26	18.10	19	1.6
3	256QAM	8	7	18.23	18.16	18.10		
3	256QAM	15	0	18.11	18.31	18.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.23	19.34	19.11		
1.4	QPSK	1	3	19.29	19.20	19.24		
1.4	QPSK	1	5	19.11	19.18	19.16	20.6	0
1.4	QPSK	3	0	19.17	19.25	18.97		
1.4	QPSK	3	1	18.98	19.08	19.07		
1.4	QPSK	3	3	19.06	19.11	19.11		
1.4	QPSK	6	0	18.99	19.20	18.95	20.6	0
1.4	16QAM	1	0	19.02	18.91	18.86		
1.4	16QAM	1	3	18.85	18.90	18.83		
1.4	16QAM	1	5	18.86	18.77	18.76	20.6	0
1.4	16QAM	3	0	18.94	18.83	18.88		
1.4	16QAM	3	1	19.00	18.97	19.03		
1.4	16QAM	3	3	18.93	18.86	18.88		
1.4	16QAM	6	0	19.02	18.93	18.97	20.6	0
1.4	64QAM	1	0	19.14	19.02	19.08		
1.4	64QAM	1	3	19.09	19.03	19.06		
1.4	64QAM	1	5	19.01	18.84	18.98	20.6	0
1.4	64QAM	3	0	18.98	18.86	18.85		
1.4	64QAM	3	1	19.04	18.93	18.94		
1.4	64QAM	3	3	18.96	18.88	18.88		
1.4	64QAM	6	0	19.01	18.96	18.94	20.6	0
1.4	256QAM	1	0	18.23	18.14	17.98		
1.4	256QAM	1	3	18.05	18.17	18.13		
1.4	256QAM	1	5	17.93	18.07	18.06	19	1.6
1.4	256QAM	3	0	18.04	18.16	18.22		
1.4	256QAM	3	1	18.17	18.08	18.02		
1.4	256QAM	3	3	18.16	18.14	18.17		
1.4	256QAM	6	0	18.05	18.12	18.08	19	1.6

Band 4 Ant1 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.72	16.85	16.75	18.1	0
20	QPSK	1	49	16.83	16.75	16.77		
20	QPSK	1	99	16.62	16.65	16.65		
20	QPSK	50	0	16.61	16.73	16.59		
20	QPSK	50	24	16.45	16.46	16.44	18.1	0
20	QPSK	50	50	16.39	16.46	16.49		
20	QPSK	100	0	16.42	16.63	16.43		
20	16QAM	1	0	16.83	16.75	16.77		
20	16QAM	1	49	16.62	16.65	16.65	18.1	0
20	16QAM	1	99	16.61	16.73	16.59		
20	16QAM	50	0	16.81	16.72	16.74		
20	16QAM	50	24	16.59	16.61	16.59	18.1	0
20	16QAM	50	50	16.58	16.65	16.51		
20	16QAM	100	0	16.78	16.73	16.74		
20	64QAM	1	0	16.59	16.62	16.58		
20	64QAM	1	49	16.54	16.69	16.54	18.1	0
20	64QAM	1	99	16.75	16.69	16.72		
20	64QAM	50	0	16.56	16.53	16.56		
20	64QAM	50	24	16.54	16.62	16.48	18.1	0
20	64QAM	50	50	16.77	16.66	16.69		
20	64QAM	100	0	16.56	16.54	16.56		
20	256QAM	1	0	16.50	16.61	16.47		
20	256QAM	1	49	16.72	16.67	16.69	18.1	0
20	256QAM	1	99	16.52	16.58	16.53		
20	256QAM	50	0	16.50	16.67	16.47		
20	256QAM	50	24	16.68	16.63	16.70	18.1	0
20	256QAM	50	50	16.53	16.50	16.54		
20	256QAM	100	0	16.47	16.55	16.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.64	16.83	16.72	18.1	0
15	QPSK	1	37	16.81	16.70	16.75		
15	QPSK	1	74	16.59	16.62	16.59		
15	QPSK	36	0	16.55	16.71	16.52		
15	QPSK	36	20	16.41	16.39	16.36	18.1	0
15	QPSK	36	39	16.36	16.40	16.41		
15	QPSK	75	0	16.38	16.57	16.36		
15	16QAM	1	0	16.77	16.73	16.72		
15	16QAM	1	37	16.54	16.60	16.59	18.1	0
15	16QAM	1	74	16.54	16.66	16.57		
15	16QAM	36	0	16.74	16.65	16.71		
15	16QAM	36	20	16.52	16.58	16.52	18.1	0
15	16QAM	36	39	16.55	16.62	16.48		
15	16QAM	75	0	16.71	16.68	16.68		
15	64QAM	1	0	16.56	16.57	16.55		
15	64QAM	1	37	16.47	16.66	16.46	18.1	0
15	64QAM	1	74	16.71	16.62	16.66		
15	64QAM	36	0	16.48	16.46	16.48		
15	64QAM	36	20	16.47	16.56	16.41	18.1	0
15	64QAM	36	39	16.72	16.59	16.67		
15	64QAM	75	0	16.51	16.47	16.48		
15	256QAM	1	0	16.46	16.58	16.42		
15	256QAM	1	37	16.65	16.64	16.66	18.1	0
15	256QAM	1	74	16.48	16.55	16.46		
15	256QAM	36	0	16.43	16.62	16.44		
15	256QAM	36	20	16.64	16.58	16.64	18.1	0
15	256QAM	36	39	16.48	16.45	16.48		
15	256QAM	75	0	16.42	16.53	16.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.69	16.77	16.71	18.1	0
10	QPSK	1	25	16.80	16.69	16.71		
10	QPSK	1	49	16.58	16.58	16.58		
10	QPSK	25	0	16.56	16.70	16.54		
10	QPSK	25	12	16.39	16.42	16.37	18.1	0
10	QPSK	25	25	16.33	16.40	16.44		
10	QPSK	50	0	16.38	16.61	16.37		
10	16QAM	1	0	16.80	16.71	16.72		
10	16QAM	1	25	16.58	16.57	16.62	18.1	0
10	16QAM	1	49	16.58	16.68	16.55		
10	16QAM	25	0	16.79	16.69	16.67		
10	16QAM	25	12	16.53	16.55	16.56	18.1	0
10	16QAM	25	25	16.52	16.59	16.45		
10	16QAM	50	0	16.73	16.70	16.69		
10	64QAM	1	0	16.52	16.59	16.53		
10	64QAM	1	25	16.46	16.62	16.49	18.1	0
10	64QAM	1	49	16.72	16.63	16.69		
10	64QAM	25	0	16.48	16.48	16.54		
10	64QAM	25	12	16.48	16.55	16.43	18.1	0
10	64QAM	25	25	16.74	16.63	16.65		
10	64QAM	50	0	16.49	16.49	16.51		
10	256QAM	1	0	16.48	16.55	16.39		
10	256QAM	1	25	16.69	16.62	16.67	18.1	0
10	256QAM	1	49	16.45	16.55	16.50		
10	256QAM	25	0	16.47	16.64	16.44		
10	256QAM	25	12	16.62	16.57	16.66	18.1	0
10	256QAM	25	25	16.47	16.43	16.48		
10	256QAM	50	0	16.43	16.49	16.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.65	16.77	16.71	18.1	0
5	QPSK	1	12	16.79	16.70	16.69		
5	QPSK	1	24	16.56	16.61	16.58		
5	QPSK	12	0	16.59	16.70	16.55		
5	QPSK	12	7	16.41	16.43	16.41	18.1	0
5	QPSK	12	13	16.31	16.39	16.42		
5	QPSK	25	0	16.39	16.59	16.38		
5	16QAM	1	0	16.78	16.68	16.70		
5	16QAM	1	12	16.55	16.59	16.58	18.1	0
5	16QAM	1	24	16.55	16.69	16.57		
5	16QAM	12	0	16.74	16.68	16.71		
5	16QAM	12	7	16.55	16.56	16.55	18.1	0
5	16QAM	12	13	16.55	16.58	16.46		
5	16QAM	25	0	16.71	16.68	16.67		
5	64QAM	1	0	16.52	16.57	16.52		
5	64QAM	1	12	16.49	16.61	16.50	18.1	0
5	64QAM	1	24	16.73	16.63	16.68		
5	64QAM	12	0	16.51	16.46	16.53		
5	64QAM	12	7	16.47	16.56	16.41	18.1	0
5	64QAM	12	13	16.72	16.61	16.61		
5	64QAM	25	0	16.53	16.47	16.51		
5	256QAM	1	0	16.47	16.56	16.41		
5	256QAM	1	12	16.66	16.60	16.66	18.1	0
5	256QAM	1	24	16.49	16.56	16.47		
5	256QAM	12	0	16.47	16.63	16.41		
5	256QAM	12	7	16.64	16.58	16.64	18.1	0
5	256QAM	12	13	16.51	16.48	16.49		
5	256QAM	25	0	16.45	16.48	16.37		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.67	16.80	16.72	18.1	0
3	QPSK	1	8	16.80	16.70	16.74		
3	QPSK	1	14	16.57	16.58	16.62		
3	QPSK	8	0	16.55	16.68	16.52		
3	QPSK	8	4	16.39	16.43	16.37	18.1	0
3	QPSK	8	7	16.35	16.43	16.45		
3	QPSK	15	0	16.40	16.58	16.37		
3	16QAM	1	0	16.77	16.69	16.74		
3	16QAM	1	8	16.57	16.59	16.59	18.1	0
3	16QAM	1	14	16.53	16.69	16.54		
3	16QAM	8	0	16.74	16.67	16.71		
3	16QAM	8	4	16.56	16.55	16.54	18.1	0
3	16QAM	8	7	16.55	16.58	16.46		
3	16QAM	15	0	16.75	16.70	16.67		
3	64QAM	1	0	16.55	16.59	16.52		
3	64QAM	1	8	16.48	16.66	16.48	18.1	0
3	64QAM	1	14	16.68	16.65	16.64		
3	64QAM	8	0	16.54	16.50	16.50		
3	64QAM	8	4	16.51	16.55	16.44	18.1	0
3	64QAM	8	7	16.74	16.62	16.63		
3	64QAM	15	0	16.54	16.47	16.52		
3	256QAM	1	0	16.44	16.59	16.44		
3	256QAM	1	8	16.66	16.63	16.65	18.1	0
3	256QAM	1	14	16.46	16.56	16.48		
3	256QAM	8	0	16.47	16.61	16.41		
3	256QAM	8	4	16.62	16.57	16.67	18.1	0
3	256QAM	8	7	16.47	16.46	16.49		
3	256QAM	15	0	16.42	16.48	16.37		
Channel				19937	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.64	16.82	16.69	18.1	0
1.4	QPSK	1	3	16.81	16.69	16.70		
1.4	QPSK	1	5	16.56	16.62	16.61		
1.4	QPSK	3	0	16.53	16.68	16.56		
1.4	QPSK	3	1	16.37	16.40	16.39		
1.4	QPSK	3	3	16.36	16.40	16.43		
1.4	QPSK	6	0	16.37	16.59	16.35	18.1	0
1.4	16QAM	1	0	16.80	16.72	16.75		
1.4	16QAM	1	3	16.60	16.59	16.59		
1.4	16QAM	1	5	16.55	16.70	16.52	18.1	0
1.4	16QAM	3	0	16.79	16.69	16.70		
1.4	16QAM	3	1	16.56	16.53	16.55		
1.4	16QAM	3	3	16.52	16.61	16.44		
1.4	16QAM	6	0	16.71	16.68	16.70	18.1	0
1.4	64QAM	1	0	16.57	16.54	16.50		
1.4	64QAM	1	3	16.51	16.65	16.48		
1.4	64QAM	1	5	16.68	16.64	16.65	18.1	0
1.4	64QAM	3	0	16.52	16.47	16.53		
1.4	64QAM	3	1	16.48	16.60	16.44		
1.4	64QAM	3	3	16.74	16.62	16.64		
1.4	64QAM	6	0	16.51	16.47	16.49	18.1	0
1.4	256QAM	1	0	16.42	16.56	16.41		
1.4	256QAM	1	3	16.69	16.64	16.64		
1.4	256QAM	1	5	16.48	16.51	16.45	16.5	1.6
1.4	256QAM	3	0	16.42	16.62	16.44		
1.4	256QAM	3	1	16.62	16.58	16.66		
1.4	256QAM	3	3	16.50	16.48	16.47		
1.4	256QAM	6	0	16.40	16.52	16.36	16.5	1.6

Band 5 Ant1 DSI3 Power

BW [MHz]	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	22.20	22.35	22.08	24	0
10	QPSK	1	25	22.15	22.08	22.19		
10	QPSK	1	49	22.04	22.11	22.10		
10	QPSK	25	0	22.19	22.33	22.30		
10	QPSK	25	12	22.28	22.22	22.32	24	0
10	QPSK	25	25	22.24	22.23	22.26		
10	QPSK	50	0	22.21	22.28	22.22		
10	16QAM	1	0	22.18	22.32	22.04		
10	16QAM	1	25	22.11	22.05	22.15	24	0
10

Band 7 Ant1 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.33	18.69	18.63		
20	QPSK	1	49	18.47	18.56	18.56	19.7	0
20	QPSK	1	99	18.50	18.58	18.51		
20	QPSK	50	0	18.24	18.57	18.29		
20	QPSK	50	24	18.34	18.37	18.45	19.7	0
20	QPSK	50	50	18.31	18.36	18.48		
20	QPSK	100	0	18.20	18.53	18.45		
20	16QAM	1	0	18.21	18.26	18.37		
20	16QAM	1	49	18.38	18.47	18.46	19.7	0
20	16QAM	1	99	18.43	18.41	18.48		
20	16QAM	50	0	18.25	18.22	18.31		
20	16QAM	50	24	18.33	18.35	18.47	19.7	0
20	16QAM	50	50	18.34	18.39	18.49		
20	16QAM	100	0	18.29	18.38	18.45		
20	64QAM	1	0	18.38	18.28	18.36		
20	64QAM	1	49	18.41	18.43	18.48	19.7	0
20	64QAM	1	99	18.36	18.37	18.30		
20	64QAM	50	0	18.28	18.21	18.32		
20	64QAM	50	24	18.33	18.38	18.44	19.7	0
20	64QAM	50	50	18.22	18.40	18.50		
20	64QAM	100	0	18.29	18.32	18.44		
20	256QAM	1	0	18.41	18.25	18.28		
20	256QAM	1	49	18.31	18.43	18.39	19.7	0
20	256QAM	1	99	18.26	18.32	18.16		
20	256QAM	50	0	18.23	18.27	18.14		
20	256QAM	50	24	18.17	18.40	18.33	19.7	0
20	256QAM	50	50	18.14	18.30	18.37		
20	256QAM	100	0	18.24	18.20	18.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.28	18.60	18.45		
15	QPSK	1	37	18.46	18.54	18.62	19.7	0
15	QPSK	1	74	18.48	18.55	18.47		
15	QPSK	36	0	18.20	18.53	18.24		
15	QPSK	36	20	18.30	18.35	18.40	19.7	0
15	QPSK	36	39	18.28	18.33	18.45		
15	QPSK	75	0	18.25	18.52	18.44		
15	16QAM	1	0	18.20	18.22	18.34		
15	16QAM	1	37	18.33	18.44	18.44	19.7	0
15	16QAM	1	74	18.39	18.46	18.34		
15	16QAM	36	0	18.21	18.20	18.30		
15	16QAM	36	20	18.29	18.33	18.46	19.7	0
15	16QAM	36	39	18.30	18.36	18.47		
15	16QAM	75	0	18.26	18.36	18.42		
15	64QAM	1	0	18.34	18.26	18.34		
15	64QAM	1	37	18.40	18.39	18.43	19.7	0
15	64QAM	1	74	18.33	18.33	18.25		
15	64QAM	36	0	18.24	18.19	18.30		
15	64QAM	36	20	18.31	18.34	18.43	19.7	0
15	64QAM	36	39	18.18	18.38	18.48		
15	64QAM	75	0	18.26	18.30	18.42		
15	256QAM	1	0	18.39	18.22	18.25		
15	256QAM	1	37	18.29	18.39	18.36	19.7	0
15	256QAM	1	74	18.22	18.30	18.14		
15	256QAM	36	0	18.18	18.26	18.11		
15	256QAM	36	20	18.14	18.37	18.31	19.7	0
15	256QAM	36	39	18.11	18.27	18.33		
15	256QAM	75	0	18.21	18.16	18.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.32	18.58	18.47		
10	QPSK	1	25	18.46	18.54	18.53	19.7	0
10	QPSK	1	49	18.45	18.52	18.47		
10	QPSK	25	0	18.21	18.55	18.27		
10	QPSK	25	12	18.31	18.33	18.40	19.7	0
10	QPSK	25	25	18.27	18.34	18.45		
10	QPSK	50	0	18.28	18.49	18.43		
10	16QAM	1	0	18.16	18.23	18.33		
10	16QAM	1	25	18.36	18.44	18.43	19.7	0
10	16QAM	1	49	18.39	18.39	18.46		
10	16QAM	25	0	18.24	18.20	18.28		
10	16QAM	25	12	18.29	18.31	18.42	19.7	0
10	16QAM	25	25	18.31	18.35	18.47		
10	16QAM	50	0	18.25	18.37	18.44		
10	64QAM	1	0	18.35	18.25	18.35		
10	64QAM	1	25	18.38	18.40	18.44	19.7	0
10	64QAM	1	49	18.33	18.36	18.25		
10	64QAM	25	0	18.25	18.17	18.30		
10	64QAM	25	12	18.30	18.36	18.39	19.7	0
10	64QAM	25	25	18.18	18.37	18.45		
10	64QAM	50	0	18.27	18.28	18.41		
10	256QAM	1	0	18.39	18.24	18.26		
10	256QAM	1	25	18.30	18.39	18.36	19.7	0
10	256QAM	1	49	18.21	18.29	18.14		
10	256QAM	25	0	18.20	18.23	18.13		
10	256QAM	25	12	18.14	18.38	18.31	19.7	0
10	256QAM	25	25	18.11	18.26	18.33		
10	256QAM	50	0	18.22	18.19	18.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.30	18.59	18.46		
5	QPSK	1	12	18.42	18.54	18.53	19.7	0
5	QPSK	1	24	18.48	18.51	18.49		
5	QPSK	12	0	18.20	18.56	18.27		
5	QPSK	12	7	18.31	18.34	18.41	19.7	0
5	QPSK	12	13	18.29	18.33	18.47		
5	QPSK	25	0	18.25	18.51	18.42		
5	16QAM	1	0	18.17	18.22	18.34		
5	16QAM	1	12	18.34	18.41	18.41	19.7	0
5	16QAM	1	24	18.40	18.38	18.46		
5	16QAM	12	0	18.20	18.19	18.30		
5	16QAM	12	7	18.30	18.31	18.45	19.7	0
5	16QAM	12	13	18.30	18.37	18.46		
5	16QAM	25	0	18.27	18.34	18.40		
5	64QAM	1	0	18.33	18.26	18.33		
5	64QAM	1	12	18.36	18.40	18.47	19.7	0
5	64QAM	1	24	18.33	18.27	18.27		
5	64QAM	12	0	18.25	18.19	18.27		
5	64QAM	12	7	18.31	18.36	18.42	19.7	0
5	64QAM	12	13	18.18	18.37	18.47		
5	64QAM	25	0	18.24	18.28	18.43		
5	256QAM	1	0	18.39	18.21	18.26		
5	256QAM	1	12	18.27	18.41	18.36	19.7	0
5	256QAM	1	24	18.24	18.29	18.14		
5	256QAM	12	0	18.20	18.22	18.13		
5	256QAM	12	7	18.12	18.36	18.31	19.7	0
5	256QAM	12	13	18.10	18.28	18.36		
5	256QAM	25	0	18.20	18.19	18.33		

Band 12 Ant1 DSI3 Power

BW [MHz]	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	22.41	22.67	22.57		
10	QPSK	1	25	22.44	22.49	22.62	24	0
10	QPSK	1	49	22.50	22.58	22.49		
10	QPSK	25	0	22.48	22.65	22.54		
10	QPSK	25	12	22.64	22.63	22.63	24	0
10	QPSK	25	25	22.60	22.64	22.60		
10	QPSK	50	0	22.62	22.63	22.61		
10	16QAM	1	0	22.56	22.62	22.53		
10	16QAM	1	25	22.42	22.45	22.60	24	0
10	16QAM	1	49	22.46	22.55	22.46		
10	16QAM	25	0	22.45	22.48	22.49		
10	16QAM	25	12	22.59	22.59	22.62	24	0
10	16QAM	25	25	22.55	22.61	22.54		
10	16QAM	50	0	22.59	22.55	22.56		
10	64QAM	1	0	22.55	22.62	22.55		
10	64QAM	1	25	22.42	22.47	22.60	24	0
10	64QAM	1	49	22.46	22.53	22.44		
10	64QAM	25	0	21.55	21.51	21.44		
10	64QAM	25	12	21.48	21.50	21.74	23	1
10	64QAM	25	25	21.50	21.73	21.54		
10	64QAM	50	0	21.61	21.49	21.54		
10	256QAM	1	0	20.39	20.36	20.20		
10	256QAM	1	25	20.27	20.35	20.42	22	2
10	256QAM	1	49	20.32	20.58	20.24		
10	256QAM	25	0	20.57	20.47	20.42		
10	256QAM	25	12	20.52	20.51	20.65	22	2
10	256QAM	25	25	20.45	20.84	20.52		
10	256QAM	50	0	20.68	20.57	20.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.36	22.61	22.53		
5	QPSK	1	12	22.40	22.46	22.60	24	0
5	QPSK	1	24	22.44	22.53	22.45		
5	QPSK	12	0	22.44	22.49	22.52		
5	QPSK	12	7	22.59	22.59	22.63	24	0
5	QPSK	12	13	22.55	22.61	22.55		
5	QPSK	25	0	22.56	22.54	22.56		
5	16QAM	1	0	22.54	22.58	22.51		
5	16QAM	1	12	22.36	22.40	22.55	24	0
5	16QAM	1	24	22.41	22.53	22.43		
5	16QAM	12	0	22.43	22.42	22.43		
5	16QAM	12	7	22.54	22.54	22.58	24	0
5	16QAM	12	13	22.52	22.59	22.49		
5	16QAM	25	0	22.53	22.52	22.54		
5	64QAM	1	0	22.52	22.56	22.53		
5	64QAM	1	12	22.37	22.41	22.57	24	0
5	64QAM	1	24	22.42	22.49	22.42		
5	64QAM	12	0	21.49	21.43	21.37		
5	64QAM	12	7	21.55	21.51	21.49	23	1
5	64QAM	12	13	21.58	21.48	21.61		
5	64QAM	25	0	21.60	21.55	21.51		
5	256QAM	1	0	20.31	20.20	20.35		
5	256QAM	1	12	20.39	20.26	20.40	22	2
5	256QAM	1	24	20.30	20.40	20.44		
5	256QAM	12	0	20.42	20.43	20.43		
5	256QAM	12	7	20.62	20.45	20.51	22	2
5	256QAM	12	13	20.61	20.52	20.61		
5	256QAM	25	0	20.59	20.63	20.55		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.30	22.56	22.49		
3	QPSK	1	8	22.37	22.40	22.57	24	0
3	QPSK	1	14	22.40	22.51	22.41		
3	QPSK	8	0	22.39	22.45	22.48		
3	QPSK	8	4	22.53	22.56	22.59	24	0
3	QPSK	8	7	22.52	22.56	22.52		
3	QPSK	15	0	22.53	22.51	22.52		
3	16QAM	1	0	22.51	22.56	22.47		
3	16QAM	1	8	22.32	22.34	22.50	24	0
3	16QAM	1	14	22.38	22.50	22.41		
3	16QAM	8	0	22.38	22.38	22.37		
3	16QAM	8	4	22.49	22.48	22.53	24	0
3	16QAM	8	7	22.47	22.56	22.46		
3	16QAM	15	0	22.49	22.48	22.51		
3	64QAM	1	0	22.47	22.52	22.49		
3	64QAM	1	8	22.34	22.38	22.52	24	0
3	64QAM	1	14	22.40	22.44	22.36		
3	64QAM	8	0	21.27	21.30	21.26		
3	64QAM	8	4	21.47	21.44	21.50	23	1
3	64QAM	8	7	21.48	21.50	21.57		
3	64QAM	15	0	21.43	21.60	21.55		
3	256QAM	1	0	20.06	20.08	20.15		
3	256QAM	1	8	20.14	20.26	20.24	22	2
3	256QAM	1	14	20.22	20.31	20.39		
3	256QAM	8	0	20.37	20.32	20.28		
3	256QAM	8	4	20.37	20.47	20.46	22	2
3	256QAM	8	7	20.40	20.53	20.47		
3	256QAM	15	0	20.52	20.49	20.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.52	22.45		
1.4	QPSK	1	3	22.33	22.37	22.52		
1.4	QPSK	1	5	22.37	22.46	22.35	24	0
1.4	QPSK	3	0	22.36	22.41	22.43		
1.4	QPSK	3	1	22.47	22.52	22.57		
1.4	QPSK	3	3	22.50	22.54	22.48		
1.4	QPSK	6	0	22.49	22.45	22.46	24	0
1.4	16QAM	1	0	22.48	22.52	22.45		
1.4	16QAM	1	3	22.27	22.29	22.45		
1.4	16QAM	1	5	22.35	22.45	22.38	24	0
1.4	16QAM	3	0	22.33	22.35	22.32		
1.4	16QAM	3	1	22.45	22.44	22.50		
1.4	16QAM	3	3	22.45	22.54	22.41		
1.4	16QAM	6	0	22.44	22.44	22.47	24	0
1.4	64QAM	1	0	22.44	22.47	22.45		
1.4	64QAM	1	3	22.31	22.36	22.48		
1.4	64QAM	1	5	22.36	22.39	22.30	24	0
1.4	64QAM	3	0	22.21	22.40	22.23		
1.4	64QAM	3	1	22.55	22.35	22.58		
1.4	64QAM	3	3	22.57	22.66	22.37		
1.4	64QAM	6	0	21.54	21.33	21.52	23	1
1.4	256QAM	1	0	20.33	20.23	20.01		
1.4	256QAM	1	3	20.45	20.08	20.36		
1.4	256QAM	1	5	20.40	20.40	20.24	22	2
1.4	256QAM	3	0	20.28	20.42	20.19		
1.4	256QAM	3	1	20.66	20.27	20.53		
1.4	256QAM	3	3	20.53	20.67	20.45		
1.4	256QAM	6	0	20.51	20.28	20.47	22	2

Band 13 Ant1 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.48			
10	QPSK	1	25		22.16		23	0
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.19			
10	QPSK	25	12		22.15		23	0
10	QPSK	25	25		22.17			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.44			
10	16QAM	1	25		22.34		23	0
10	16QAM	1	49		22.42			
10	16QAM	25	0		21.44			
10	16QAM	25	12		21.62		22	1
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.58			
10	64QAM	1	0		22.01			
10	64QAM	1	25		22.05		23	0
10	64QAM	1	49		22.08			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.70		22	1
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.58			
10	256QAM	1	0		20.60			
10	256QAM	1	25		20.44		21	2
10	256QAM	1	49		20.40			
10	256QAM	25	0		20.51			
10	256QAM	25	12		20.55		21	2
10	256QAM	25	25		20.45			
10	256QAM	50	0		20.53			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.35	22.28	22.38		
5	QPSK	1	12	22.41	22.17	22.16	23	0
5	QPSK	1	24	22.17	22.18	22.34		
5	QPSK	12	0	22.16	22.02	22.01		
5	QPSK	12	7	22.05	22.08	22.25	23	0
5	QPSK	12	13	22.09	22.16	22.12		
5	QPSK	25	0	22.05	22.03	22.11		
5	16QAM	1	0	22.36	22.14	22.40		
5	16QAM	1	12	22.47	22.46	22.46	23	0
5	16QAM	1	24	22.00	22.06	22.04		
5	16QAM	12	0	21.31	21.34	21.80		
5	16QAM	12	7	21.35	21.65	21.51	22	1
5	16QAM	12	13	21.42	21.54	21.60		
5	16QAM	25	0	21.26	21.59	21.56		
5	64QAM	1	0	22.22	22.15	22.24		
5	64QAM	1	12	22.27	22.29	22.16	23	0
5	64QAM	1	24	22.26	22.44	22.08		
5	64QAM	12	0	21.36	21.34	21.64		
5	64QAM	12	7	21.36	21.57	21.60	22	1
5	64QAM	12	13	21.24	21.67	21.38		
5	64QAM	25	0	21.27	21.45	21.31		
5	256QAM	1	0	20.38	20.24	20.31		
5	256QAM	1	12	20.31	20.20	20.32	21	2
5	256QAM	1	24	20.35	20.36	20.50		
5	256QAM	12	0	20.43	20.38	20.32		
5	256QAM	12	7	20.33	20.20	20.50	21	2
5	256QAM	12	13	20.45	20.17	20.48		
5	256QAM	25	0	20.24	20.25	20.40		

Band 17 Ant1 DSI3 Power

BW [MHz]	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	22.43	22.59	22.47		
10	QPSK	1	25	22.52	22.47	22.56	24	0
10	QPSK	1	49	22.42	22.41	22.37		
10	QPSK	25	0	22.37	22.53	22.42		
10	QPSK	25	12	22.48	22.47	22.50	24	0
10	QPSK	25	25	22.49	22.42	22.52		
10	QPSK	50	0	22.36	22.50	22.47		
10	16QAM	1	0	22.40	22.55	22.45		
10	16QAM	1	25	22.49	22.44	22.51	24	0
10	16QAM	1	49	22.39	22.37	22.33		
10	16QAM	25	0	22.34	22.39	22.36		
10	16QAM	25	12	22.54	22.54	22.45	24	0
10	16QAM	25	25	22.44	22.37	22.48		
10	16QAM	50	0	22.30	22.36	22.43		
10	64QAM	1	0	22.41	22.56	22.42		
10	64QAM	1	25	22.49	22.41	22.54	24	0
10	64QAM	1	49	22.40	22.38	22.35		
10	64QAM	25	0	22.31	22.37	22.37		
10	64QAM	25	12	22.54	22.52	22.47	24	0
10	64QAM	25	25	22.47	22.38	22.47		
10	64QAM	50	0	22.34	22.35	22.45		
10	256QAM	1	0	20.51	20.60	20.75		
10	256QAM	1	25	20.88	20.86	20.72	22	2
10	256QAM	1	49	20.68	20.64	20.69		
10	256QAM	25	0	20.35	20.42	20.46		
10	256QAM	25	12	20.64	20.56	20.57	22	2
10	256QAM	25	25	20.36	20.37	20.58		
10	256QAM	50	0	20.38	20.42	20.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.57	22.43		
5	QPSK	1	12	22.46	22.41	22.52	24	0
5	QPSK	1	24	22.36	22.36	22.32		
5	QPSK	12	0	22.33	22.39	22.37		
5	QPSK	12	7	22.54	22.54	22.47	24	0
5	QPSK	12	13	22.44	22.37	22.47		
5	QPSK	25	0	22.31	22.36	22.45		
5	16QAM	1	0	22.36	22.52	22.41		
5	16QAM	1	12	22.45	22.38	22.48	24	0
5	16QAM	1	24	22.36	22.31	22.29		
5	16QAM	12	0	22.31	22.35	22.32		
5	16QAM	12	7	22.48	22.49	22.40	24	0
5	16QAM	12	13	22.38	22.33	22.42		
5	16QAM	25	0	22.25	22.33	22.39		
5	64QAM	1	0	22.39	22.52	22.38		
5	64QAM	1	12	22.45	22.39	22.52	24	0
5	64QAM	1	24	22.34	22.34	22.32		
5	64QAM	12	0	22.28	22.32	22.33		
5	64QAM	12	7	22.49	22.46	22.44	24	0
5	64QAM	12	13	22.41	22.35	22.41		
5	64QAM	25	0	22.31	22.30	22.40		
5	256QAM	1	0	20.50	20.47	20.41		
5	256QAM	1	12	20.71	20.58	20.59	22	2
5	256QAM	1	24	20.59	20.66	20.67		
5	256QAM	12	0	20.31	20.28	20.30		
5	256QAM	12	7	20.51	20.48	20.38	22	2
5	256QAM	12	13	20.39	20.41	20.46		
5	256QAM	25	0	20.27	20.40	20.37		

Band 25 Ant1 DSI3 Power

BW [MHz]	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	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.41	19.58	19.33	20.6	0
20	QPSK	1	49	19.51	19.41	19.45		
20	QPSK	1	99	19.34	19.04	19.16		
20	QPSK	50	0	19.40	19.51	19.21	20.6	0
20	QPSK	50	24	19.20	19.32	19.24		
20	QPSK	50	50	19.28	19.33	19.32		
20	QPSK	100	0	19.22	19.46	19.16		
20	16QAM	1	0	19.23	19.15	19.10	20.6	0
20	16QAM	1	49	19.04	19.10	19.07		
20	16QAM	1	99	19.03	18.95	19.01		
20	16QAM	50	0	19.13	19.04	19.14	20.6	0
20	16QAM	50	24	19.23	19.18	19.25		
20	16QAM	50	50	19.18	19.10	19.09		
20	16QAM	100	0	19.26	19.12	19.20		
20	64QAM	1	0	19.33	19.24	19.31	20.6	0
20	64QAM	1	49	19.35	19.28	19.29		
20	64QAM	1	99	19.23	19.09	19.24		
20	64QAM	50	0	19.23	19.11	19.07	20.6	0
20	64QAM	50	24	19.27	19.16	19.16		
20	64QAM	50	50	19.20	19.10	19.16		
20	64QAM	100	0	19.18	19.19	19.17		
20	256QAM	1	0	17.81	17.63	17.66	19	1.6
20	256QAM	1	49	18.03	17.99	17.74		
20	256QAM	1	99	17.87	18.04	17.77		
20	256QAM	50	0	17.54	17.69	17.66	19	1.6
20	256QAM	50	24	17.80	17.92	17.74		
20	256QAM	50	50	17.91	17.91	17.77		
20	256QAM	100	0	17.73	18.00	17.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.40	19.54	19.29	20.6	0
15	QPSK	1	37	19.48	19.38	19.43		
15	QPSK	1	74	19.29	19.40	19.32		
15	QPSK	36	0	19.37	19.48	19.19	20.6	0
15	QPSK	36	20	19.19	19.31	19.23		
15	QPSK	36	39	19.27	19.32	19.26		
15	QPSK	75	0	19.20	19.43	19.15		
15	16QAM	1	0	19.22	19.14	19.06	20.6	0
15	16QAM	1	37	19.03	19.09	19.05		
15	16QAM	1	74	18.99	18.90	19.00		
15	16QAM	36	0	19.10	18.99	19.09	20.6	0
15	16QAM	36	20	19.20	19.15	19.22		
15	16QAM	36	39	19.14	19.07	19.07		
15	16QAM	75	0	19.22	19.08	19.17		
15	64QAM	1	0	19.29	19.20	19.29	20.6	0
15	64QAM	1	37	19.31	19.25	19.26		
15	64QAM	1	74	19.22	19.05	19.22		
15	64QAM	36	0	19.22	19.10	19.05	20.6	0
15	64QAM	36	20	19.24	19.13	19.13		
15	64QAM	36	39	19.17	19.08	19.13		
15	64QAM	75	0	19.15	19.17	19.12		
15	256QAM	1	0	17.55	17.73	17.62	19	1.6
15	256QAM	1	37	17.78	17.94	17.85		
15	256QAM	1	74	17.88	17.98	17.83		
15	256QAM	36	0	17.66	17.67	17.57	19	1.6
15	256QAM	36	20	17.80	17.85	17.89		
15	256QAM	36	39	17.99	17.93	17.76		
15	256QAM	75	0	17.68	17.84	17.98		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.38	19.55	19.28	20.6	0
10	QPSK	1	25	19.48	19.39	19.41		
10	QPSK	1	49	19.31	19.40	19.33		
10	QPSK	25	0	19.35	19.47	19.17	20.6	0
10	QPSK	25	12	19.19	19.31	19.22		
10	QPSK	25	25	19.26	19.30	19.29		
10	QPSK	50	0	19.21	19.43	19.14		
10	16QAM	1	0	19.19	19.11	19.09	20.6	0
10	16QAM	1	25	19.00	19.05	19.03		
10	16QAM	1	49	18.99	18.90	18.96		
10	16QAM	25	0	19.10	19.01	19.12	20.6	0
10	16QAM	25	12	19.19	19.13	19.23		
10	16QAM	25	25	19.17	19.09	19.07		
10	16QAM	50	0	19.22	19.19	19.17		
10	64QAM	1	0	19.28	19.21	19.28	20.6	0
10	64QAM	1	25	19.31	19.24	19.26		
10	64QAM	1	49	19.19	19.07	19.21		
10	64QAM	25	0	19.18	19.09	19.05	20.6	0
10	64QAM	25	12	19.25	19.12	19.11		
10	64QAM	25	25	19.19	19.07	19.11		
10	64QAM	50	0	19.16	19.15	19.14		
10	256QAM	1	0	17.56	17.71	17.63	19	1.6
10	256QAM	1	25	17.87	17.90	17.98		
10	256QAM	1	49	17.87	17.89	17.82		
10	256QAM	25	0	17.70	17.62	17.70	19	1.6
10	256QAM	25	12	18.03	17.91	17.75		
10	256QAM	25	25	18.10	18.00	17.89		
10	256QAM	50	0	17.86	17.92	18.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.38	19.56	19.29	20.6	0
5	QPSK	1	12	19.50	19.36	19.42		
5	QPSK	1	24	19.30	19.39	19.33		
5	QPSK	12	0	19.36	19.47	19.17	20.6	0
5	QPSK	12	7	19.19	19.29	19.20		
5	QPSK	12	13	19.24	19.29	19.29		
5	QPSK	25	0	19.17	19.44	19.12		
5	16QAM	1	0	19.19	19.13	19.06	20.6	0
5	16QAM	1	12	19.02	19.05	19.06		
5	16QAM	1	24	18.99	18.93	18.99		
5	16QAM	12	0	19.10	19.01	19.09	20.6	0
5	16QAM	12	7	19.21	19.15	19.22		
5	16QAM	12	13	19.16	19.06	19.07		
5	16QAM	25	0	19.23	19.07	19.16		
5	64QAM	1	0	19.30	19.22	19.29	20.6	0
5	64QAM	1	12	19.33	19.25	19.27		
5	64QAM	1	24	19.19	19.04	19.20		
5	64QAM	12	0	19.19	19.09	19.03	20.6	0
5	64QAM	12	7	19.24	19.12	19.14		
5	64QAM	12	13	19.16	19.06	19.14		
5	64QAM	25	0	19.15	19.15	19.15		
5	256QAM	1	0	17.71	17.76	17.53	19	1.6
5	256QAM	1	12	17.75	17.90	17.79		
5	256QAM	1	24	17.95	17.93	17.96		
5	256QAM	12	0	17.52	17.83	17.52	19	1.6
5	256QAM	12	7	17.99	18.01	17.63		
5	256QAM	12	13	18.01	18.01	17.95		
5	256QAM	25	0	17.71	17.79	17.85		
Channel				26055	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.38	19.55	19.30	20.6	0
3	QPSK	1	8	19.50	19.37	19.43		
3	QPSK	1	14	19.30	19.38	19.32		
3	QPSK	8	0	19.37	19.47	19.17	20.6	0
3	QPSK	8	4	19.16	19.30	19.23		
3	QPSK	8	7	19.27	19.28	19.30		
3	QPSK	15	0	19.20	19.43	19.12		
3	16QAM	1	0	19.20	19.13	19.08	20.6	0
3	16QAM	1	8	19.03	19.06	19.04		
3	16QAM	1	14	18.99	18.90	18.98		
3	16QAM	8	0	19.09	19.01	19.10	20.6	0
3	16QAM	8	4	19.18	19.13	19.24		
3	16QAM	8	7	19.16	19.05	19.04		
3	16QAM	15	0	19.22	19.09	19.19	20.6	0
3	64QAM	1	0	19.30	19.22	19.26		
3	64QAM	1	8	19.33	19.24	19.24		
3	64QAM	1	14	19.21	19.05	19.21		
3	64QAM	8	0	19.21	19.08	19.04	20.6	0
3	64QAM	8	4	19.24	19.14	19.13		
3	64QAM	8	7	19.16	19.09	19.13		
3	64QAM	15	0	19.16	19.17	19.12		
3	256QAM	1	0	17.62	17.68	17.66	19	1.6
3	256QAM	1	8	18.00	17.81	17.81		
3	256QAM	1	14	17.95	17.88	18.01		
3	256QAM	8	0	17.55	17.68	17.66	19	1.6
3	256QAM	8	4	17.94	17.71	17.73		
3	256QAM	8	7	17.93	17.91	17.89		
3	256QAM	15	0	17.78	18.01	17.97		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.36	19.55	19.30	20.6	0
1.4	QPSK	1	3	19.49	19.40	19.44		
1.4	QPSK	1	5	19.32	19.40	19.34		
1.4	QPSK	3	0	19.36	19.48	19.18		
1.4	QPSK	3	1	19.19	19.29	19.21		
1.4	QPSK	3	3	19.24	19.30	19.28		
1.4	QPSK	6	0	19.19	19.43	19.14	20.6	0
1.4	16QAM	1	0	19.21	19.11	19.09	20.6	0
1.4	16QAM	1	3	19.03	19.07	19.03		
1.4	16QAM	1	5	18.99	18.91	18.98		
1.4	16QAM	3	0	19.11	19.01	19.10		
1.4	16QAM	3	1	19.20	19.14	19.20		
1.4	16QAM	3	3	19.17	19.08	19.05		
1.4	16QAM	6	0	19.23	19.07	19.18	20.6	0
1.4	64QAM	1	0	19.31	19.20	19.28	20.6	0
1.4	64QAM	1	3	19.33	19.24	19.27		
1.4	64QAM	1	5	19.21	19.05	19.21		
1.4	64QAM	3	0	19.18	19.08	19.04		
1.4	64QAM	3	1	19.24	19.13	19.12		
1.4	64QAM	3	3	19.16	19.06	19.11		
1.4	64QAM	6	0	19.16	19.14	19.15	20.6	0
1.4	256QAM	1	0	17.85	18.08	17.89	19	1.6
1.4	256QAM	1	3	17.96	18.00	17.86		
1.4	256QAM	1	5	17.83	17.99	17.89		
1.4	256QAM	3	0	18.01	18.15	17.92		
1.4	256QAM	3	1	18.05	17.89	17.90		
1.4	256QAM	3	3	17.90	18.03	17.86		
1.4	256QAM	6	0	17.76	17.90	17.82	19	1.6

Band 26 Ant1 DSI3 Power

BW [MHz]	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	22.27	22.40	22.26	24	0
15	QPSK	1	37	22.36	22.24	22.31		
15	QPSK	1	74	22.05	22.18	22.33		
15	QPSK	36	0	22.22	22.38	22.32	24	0
15	QPSK	36	20	22.31	22.28	22.32		
15	QPSK	36	39	22.32	22.31	22.34		
15	QPSK	75	0	22.31	22.33	22.32		
15	16QAM	1	0	22.21	22.34	22.22	24	0
15	16QAM	1	37	22.34	22.20	22.27		
15	16QAM	1	74	22.01	22.27	22.30		
15	16QAM	36	0	22.17	22.18	22.33	24	0
15	16QAM	36	20	22.26	22.22	22.28		
15	16QAM	36	39	22.35	22.34	22.36		
15	16QAM	75	0	22.31	22.30	22.33		
15	64QAM	1	0	22.03	22.22	22.04	24	0
15	64QAM	1	37	22.12	22.04	22.01		
15	64QAM	1	74	22.04	22.03	22.07		
15	64QAM	36	0	22.07	22.08	22.18	24	0
15	64QAM	36	20	22.10	22.02	22.11		
15	64QAM	36	39	22.12	22.06	22.10		
15	64QAM	75	0	22.14	22.08	22.08		
15	256QAM	1	0	20.76	21.02	20.65	22	2
15	256QAM	1	37	20.98	20.79	20.91		
15	256QAM	1	74	20.67	20.80	20.75		
15	256QAM	36	0	20.89	20.89	20.88	22	2
15	256QAM	36	20	21.11	21.00	21.27		
15	256QAM	36	39	21.21	20.94	21.37		
15	256QAM	75	0	21.06	21.00	21.07		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.24	22.37	22.24	24	0
10	QPSK	1	25	22.32	22.21	22.28		
10	QPSK	1	49	22.00	22.26	22.31		
10	QPSK	25	0	22.18	22.20	22.32	24	0
10	QPSK	25	12	22.28	22.24	22.26		
10	QPSK	25	25	22.35	22.32	22.36		
10	QPSK	50	0	22.32	22.27	22.30		
10	16QAM	1	0	22.18	22.28	22.17	24	0
10	16QAM	1	25	22.31	22.14	22.23		
10	16QAM	1	49	22.10	22.23	22.27		
10	16QAM	25	0	22.11	22.14	22.30	24	0
10	16QAM	25	12	22.24	22.17	22.25		
10	16QAM	25	25	22.31	22.31	22.33		
10	16QAM	50	0	22.28	22.28	22.30		
10	64QAM	1	0	22.20	22.34	22.19	24	0
10	64QAM	1	25	22.29	22.16	22.25		
10	64QAM	1	49	22.07	22.21	22.27		
10	64QAM	25	0	22.14	22.15	22.29	24	0
10	64QAM	25	12	22.22	22.23	22.24		
10	64QAM	25	25	22.31	22.34	22.30		
10	64QAM	50	0	22.28	22.21	22.25		
10	256QAM	1	0	20.96	20.74	20.78	22	2
10	256QAM	1	25	21.10	20.93	20.92		
10	256QAM	1	49	20.63	21.11	20.91		
10	256QAM	25	0	20.97	21.00	20.80	22	2
10	256QAM	25	12	20.94	20.89	21.09		
10	256QAM	25	25	21.13	21.03	21.16		
10	256QAM	50	0	20.88	21.08	21.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.31	22.20	24	0
5	QPSK	1	12	22.28	22.17	22.25		
5	QPSK	1	24	22.04	22.21	22.25		
5	QPSK	12	0	22.13	22.15	22.29	24	0
5	QPSK	12	7	22.24	22.21	22.20		
5	QPSK	12	13	22.32	22.26	22.32		
5	QPSK	25	0	22.30	22.25	22.27		
5	16QAM	1	0	22.13	22.23	22.15	24	0
5	16QAM	1	12	22.27	22.11	22.21		
5	16QAM	1	24	22.04	22.18	22.21		
5	16QAM	12	0	22.07	22.10	22.27	24	0
5	16QAM	12	7	22.19	22.12	22.19		
5	16QAM	12	13	22.28	22.28	22.30		
5	16QAM	25	0	22.26	22.24	22.28		
5	64QAM	1	0	22.16	22.28	22.15	24	0
5	64QAM	1	12	22.23	22.10	22.19		
5	64QAM	1	24	22.01	22.18	22.22		
5	64QAM	12	0	22.12	22.10	22.26	24	0
5	64QAM	12	7	22.19	22.21	22.21		
5	64QAM	12	13	22.27	22.28	22.25		
5	64QAM	25	0	22.22	22.17	22.21		
5	256QAM	1	0	20.99	20.83	20.79	22	2
5	256QAM	1	12	21.10	20.72	21.01		
5	256QAM	1	24	20.70	21.10	20.75		
5	256QAM	12	0	21.02	20.84	20.89	22	2
5	256QAM	12	7	20.80	20.88	21.18		
5	256QAM	12	13	20.95	21.24	21.06		
5	256QAM	25	0	20.75	21.04	20.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.15	22.29	22.18	24	0
3	QPSK	1	8	22.22	22.13	22.22		
3	QPSK	1	14	22.08	22.19	22.22		
3	QPSK	8	0	22.10	22.11	22.24	24	0
3	QPSK	8	4	22.21	22.17	22.17		
3	QPSK	8	7	22.29	22.21	22.28		
3	QPSK	15	0	22.26	22.19	22.21		
3	16QAM	1	0	22.08	22.18	22.10	24	0
3	16QAM	1	8	22.25	22.07	22.18		
3	16QAM	1	14	22.00	22.13	22.17		
3	16QAM	8	0	22.01	22.06	22.24	24	0
3	16QAM	8	4	22.14	22.08	22.15		
3	16QAM	8	7	22.24	22.23	22.25		
3	16QAM	15	0	22.22	22.21	22.25		
3	64QAM	1	0	22.12	22.22	22.12	24	0
3	64QAM	1	8	22.21	22.10	22.15		
3	64QAM	1	14	22.06	22.15	22.19		
3	64QAM	8	0	22.06	22.04	22.22	24	0
3	64QAM	8	4	22.13	22.16	22.17		
3	64QAM	8	7	22.23	22.22	22.21		
3	64QAM	15	0	22.16	22.14	22.18		
3	256QAM	1	0	20.92	20.98	20.89	22	2
3	256QAM	1	8	20.84	20.78	21.25		
3	256QAM	1	14	20.84	20.89	21.00		
3	256QAM	8	0	20.79	20.73	20.74	22	2
3	256QAM	8	4	20.95	20.97	20.97		
3	256QAM	8	7	21.04	20.99	21.20		
3	256QAM	15	0	20.90	21.01	21.17		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.10	22.26	22.13	24	0
1.4	QPSK	1	3	22.20	22.09	22.17		
1.4	QPSK	1	5	22.04	22.14	22.17		
1.4	QPSK	3	0	22.07	22.06	22.13		
1.4	QPSK	3	1	22.19	22.13	22.13		
1.4	QPSK	3	3	22.24	22.19	22.24		
1.4	QPSK	6	0	22.23	22.17	22.18	24	0
1.4	16QAM	1	0	22.04	22.12	22.06	24	0
1.4	16QAM	1	3	22.22	22.04	22.14		
1.4	16QAM	1	5	22.07	22.09	22.15		
1.4	16QAM	3	0	22.05	22.03	22.20		
1.4	16QAM	3	1	22.09	22.05	22.13		
1.4	16QAM	3	3	22.19	22.17	22.22		
1.4	16QAM	6	0	22.19	22.16	22.20	24	0
1.4	64QAM	1	0	22.10	22.18	22.09	24	0
1.4	64QAM	1	3	22.17	22.02	22.13		
1.4	64QAM	1	5	22.03	22.10	22.15		
1.4	64QAM	3	0	22.02	22.09	22.18		
1.4	64QAM	3	1	22.08	22.12	22.13		
1.4	64QAM	3	3	22.17	22.19	22.19		
1.4	64QAM	6	0	22.10	22.11	22.14	24	0
1.4	256QAM	1	0	20.79	20.94	20.73	22	2
1.4	256QAM	1	3	20.83	20.57	20.87		
1.4	256QAM	1	5	20.87	20.76	21.00		
1.4	256QAM	3	0	20.86	20.84	20.73		
1.4	256QAM	3	1	20.77	20.85	20.86		
1.4	256QAM	3	3	21.11	20.86	20.86		
1.4	256QAM	6	0	20.79	20.82	20.76	22	2

Band 66 Ant1 DSI3 Power

BW [MHz]	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	16.91	16.99	16.94	18.1	0
20	QPSK	1	49	16.74	16.89	16.83		
20	QPSK	1	99	16.75	16.75	16.80		
20	QPSK	50	0	16.64	16.74	16.71	18.1	0
20	QPSK	50	24	16.72	16.71	16.68		
20	QPSK	50	50	16.67	16.61	16.64		
20	QPSK	100	0	16.64	16.67	16.66		
20	16QAM	1	0	16.79	16.87	16.76	18.1	0
20	16QAM	1	49	16.87	16.82	16.81		
20	16QAM	1	99	16.71	16.67	16.69		
20	16QAM	50	0	16.65	16.78	16.62	18.1	0
20	16QAM	50	24	16.47	16.55	16.48		
20	16QAM	50	50	16.45	16.54	16.55		
20	16QAM	100	0	16.48	16.67	16.44		
20	64QAM	1	0	16.90	16.85	16.82	18.1	0
20	64QAM	1	49	16.71	16.67	16.70		
20	64QAM	1	99	16.68	16.77	16.60		
20	64QAM	50	0	16.85	16.73	16.79	18.1	0
20	64QAM	50	24	16.62	16.68	16.66		
20	64QAM	50	50	16.63	16.68	16.56		
20	64QAM	100	0	16.87	16.78	16.84	18	0.1
20	256QAM	1	0	16.63	16.67	16.63		
20	256QAM	1	49	16.57	16.77	16.57		
20	256QAM	1	99	16.75	16.74	16.81		
20	256QAM	50	0	16.63	16.55	16.62	18	0.1
20	256QAM	50	24	16.56	16.67	16.58		
20	256QAM	50	50	16.79	16.75	16.78		
20	256QAM	100	0	16.62	16.54	16.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.87	16.96	16.87	18.1	0
15	QPSK	1	37	16.67	16.81	16.76		
15	QPSK	1	74	16.68	16.68	16.76		
15	QPSK	36	0	16.61	16.71	16.63	18.1	0
15	QPSK	36	20	16.66	16.68	16.62		
15	QPSK	36	39	16.63	16.58	16.56		
15	QPSK	75	0	16.60	16.64	16.63		
15	16QAM	1	0	16.74	16.80	16.72	18.1	0
15	16QAM	1	37	16.81	16.78	16.75		
15	16QAM	1	74	16.68	16.62	16.61		
15	16QAM	36	0	16.62	16.75	16.57	18.1	0
15	16Q

Band 38(only on channel required) Ant1 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.71	20.91	20.77	22	0
20	QPSK	1	49	20.90	20.86	20.77		
20	QPSK	1	99	20.81	20.78	20.86		
20	QPSK	50	0	20.71	20.86	20.82	22	0
20	QPSK	50	24	20.72	20.82	20.82		
20	QPSK	50	50	20.66	20.66	20.79		
20	QPSK	100	0	20.82	20.85	20.68		
20	16QAM	1	0	20.68	20.83	20.76	22	0
20	16QAM	1	49	20.75	20.64	20.71		
20	16QAM	1	99	20.83	20.75	20.65		
20	16QAM	50	0	20.68	20.73	20.76	22	0
20	16QAM	50	24	20.60	20.81	20.75		
20	16QAM	50	50	20.73	20.60	20.63		
20	16QAM	100	0	20.80	20.83	20.56		
20	64QAM	1	0	20.66	20.71	20.75	22	0
20	64QAM	1	49	20.63	20.60	20.77		
20	64QAM	1	99	20.81	20.77	20.72		
20	64QAM	50	0	20.71	20.73	20.80	22	0
20	64QAM	50	24	20.51	20.81	20.76		
20	64QAM	50	50	20.83	20.66	20.73		
20	64QAM	100	0	20.79	20.73	20.68		
20	256QAM	1	0	20.50	20.72	20.71	22	0
20	256QAM	1	49	20.54	20.55	20.69		
20	256QAM	1	99	20.58	20.66	20.64		
20	256QAM	50	0	20.66	20.76	20.66	22	0
20	256QAM	50	24	20.39	20.75	20.72		
20	256QAM	50	50	20.68	20.55	20.61		
20	256QAM	100	0	20.71	20.59	20.56		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.69	20.89	20.76	22	0
15	QPSK	1	37	20.87	20.82	20.76		
15	QPSK	1	74	20.79	20.73	20.82		
15	QPSK	36	0	20.66	20.84	20.79	22	0
15	QPSK	36	20	20.69	20.79	20.77		
15	QPSK	36	39	20.62	20.65	20.77		
15	QPSK	75	0	20.78	20.80	20.67		
15	16QAM	1	0	20.66	20.79	20.74	22	0
15	16QAM	1	37	20.70	20.59	20.67		
15	16QAM	1	74	20.79	20.70	20.62		
15	16QAM	36	0	20.66	20.71	20.73	22	0
15	16QAM	36	20	20.58	20.78	20.70		
15	16QAM	36	39	20.71	20.57	20.61		
15	16QAM	75	0	20.77	20.80	20.52		
15	64QAM	1	0	20.62	20.69	20.71	22	0
15	64QAM	1	37	20.61	20.56	20.75		
15	64QAM	1	74	20.77	20.73	20.70		
15	64QAM	36	0	20.69	20.70	20.78	22	0
15	64QAM	36	20	20.48	20.78	20.75		
15	64QAM	36	39	20.78	20.62	20.68		
15	64QAM	75	0	20.74	20.71	20.65		
15	256QAM	1	0	20.45	20.69	20.68	22	0
15	256QAM	1	37	20.50	20.54	20.67		
15	256QAM	1	74	20.55	20.63	20.60		
15	256QAM	36	0	20.64	20.74	20.64	22	0
15	256QAM	36	20	20.35	20.73	20.68		
15	256QAM	36	39	20.66	20.53	20.59		
15	256QAM	75	0	20.67	20.55	20.52		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.67	20.86	20.72	22	0
10	QPSK	1	25	20.89	20.83	20.75		
10	QPSK	1	49	20.79	20.73	20.84		
10	QPSK	25	0	20.68	20.81	20.79	22	0
10	QPSK	25	12	20.68	20.78	20.81		
10	QPSK	25	25	20.65	20.63	20.77		
10	QPSK	50	0	20.79	20.84	20.64		
10	16QAM	1	0	20.66	20.81	20.75	22	0
10	16QAM	1	25	20.72	20.60	20.66		
10	16QAM	1	49	20.78	20.70	20.61		
10	16QAM	25	0	20.64	20.70	20.73	22	0
10	16QAM	25	12	20.56	20.80	20.71		
10	16QAM	25	25	20.70	20.56	20.60		
10	16QAM	50	0	20.77	20.81	20.52		
10	64QAM	1	0	20.64	20.66	20.74	22	0
10	64QAM	1	25	20.58	20.59	20.76		
10	64QAM	1	49	20.78	20.73	20.67		
10	64QAM	25	0	20.66	20.68	20.78	22	0
10	64QAM	25	12	20.49	20.77	20.72		
10	64QAM	25	25	20.80	20.62	20.69		
10	64QAM	50	0	20.74	20.69	20.63		
10	256QAM	1	0	20.46	20.67	20.69	22	0
10	256QAM	1	25	20.51	20.53	20.67		
10	256QAM	1	49	20.54	20.65	20.62		
10	256QAM	25	0	20.63	20.72	20.65	22	0
10	256QAM	25	12	20.38	20.72	20.69		
10	256QAM	25	25	20.66	20.53	20.59		
10	256QAM	50	0	20.68	20.55	20.54		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.70	20.88	20.75	22	0
5	QPSK	1	12	20.88	20.82	20.73		
5	QPSK	1	24	20.77	20.75	20.84		
5	QPSK	12	0	20.68	20.82	20.77	22	0
5	QPSK	12	7	20.68	20.77	20.78		
5	QPSK	12	13	20.64	20.64	20.75		
5	QPSK	25	0	20.80	20.84	20.67		
5	16QAM	1	0	20.65	20.78	20.74	22	0
5	16QAM	1	12	20.72	20.62	20.69		
5	16QAM	1	24	20.78	20.73	20.61		
5	16QAM	12	0	20.64	20.72	20.73	22	0
5	16QAM	12	7	20.57	20.79	20.70		
5	16QAM	12	13	20.71	20.55	20.58		
5	16QAM	25	0	20.78	20.81	20.53		
5	64QAM	1	0	20.64	20.69	20.72	22	0
5	64QAM	1	12	20.59	20.59	20.75		
5	64QAM	1	24	20.78	20.76	20.69		
5	64QAM	12	0	20.68	20.72	20.78	22	0
5	64QAM	12	7	20.47	20.77	20.74		
5	64QAM	12	13	20.78	20.63	20.70		
5	64QAM	25	0	20.77	20.72	20.65		
5	256QAM	1	0	20.47	20.68	20.68	22	0
5	256QAM	1	12	20.52	20.51	20.66		
5	256QAM	1	24	20.55	20.64	20.59		
5	256QAM	12	0	20.63	20.72	20.64	22	0
5	256QAM	12	7	20.35	20.73	20.68		
5	256QAM	12	13	20.64	20.51	20.60		
5	256QAM	25	0	20.66	20.57	20.54		

Band 38(only on channel required) PC2 Ant1 DSI3 Power

BW [MHz]	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	22.29	22.45	22.42	23.6	0
20	QPSK	1	49	22.33	22.33	22.41		
20	QPSK	1	99	22.42	22.34	22.40		
20	QPSK	50	0	22.26	22.40	22.31	23.6	0
20	QPSK	50	24	22.39	22.36	22.25		
20	QPSK	50	50	22.38	22.40	22.17		
20	QPSK	100	0	22.32	22.39	22.24		
20	16QAM	1	0	22.29	22.23	22.30	23.6	0
20	16QAM	1	49	22.37	22.35	22.23		
20	16QAM	1	99	22.35	22.34	22.20		
20	16QAM	50	0	22.23	22.25	22.34	23.6	0
20	16QAM	50	24	22.33	22.31	22.30		
20	16QAM	50	50	22.32	22.40	22.15		
20	16QAM	100	0	22.33	22.35	22.37		
20	64QAM	1	0	22.34	22.32	22.17	23.6	0
20	64QAM	1	49	22.21	22.28	22.20		
20	64QAM	1	99	22.36	22.15	22.30		
20	64QAM	50	0	22.22	22.25	22.28	23.6	0
20	64QAM	50	24	22.33	22.28	22.28		
20	64QAM	50	50	22.34	22.38	22.27		
20	64QAM	100	0	22.28	22.32	22.20		
20	256QAM	1	0	22.25	22.36	22.12	23.6	0
20	256QAM	1	49	22.16	22.36	22.14		
20	256QAM	1	99	22.32	22.16	22.29		
20	256QAM	50	0	22.22	22.35	22.31	23.6	0
20	256QAM	50	24	22.32	22.24	22.26		
20	256QAM	50	50	22.28	22.28	22.26		
20	256QAM	100	0	22.26	22.21	22.25		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.42	22.38	23.6	0
15	QPSK	1	37	22.30	22.31	22.36		
15	QPSK	1	74	22.39	22.33	22.41		
15	QPSK	36	0	22.22	22.37	22.31	23.6	0
15	QPSK	36	20	22.37	22.32	22.24		
15	QPSK	36	39	22.36	22.37	22.14		
15	QPSK	75	0	22.29	22.35	22.19		
15	16QAM	1	0	22.25	22.19	22.27	23.6	0
15	16QAM	1	37	22.33	22.33	22.19		
15	16QAM	1	74	22.33	22.30	22.17		
15	16QAM	36	0	22.19	22.21	22.32	23.6	0
15	16QAM	36	20	22.28	22.27	22.26		
15	16QAM	36	39	22.29	22.35	22.13		
15	16QAM	75	0	22.31	22.31	22.32		
15	64QAM	1	0	22.29	22.30	22.13	23.6	0
15	64QAM	1	37	22.19	22.24	22.18		
15	64QAM	1	74	22.31	22.12	22.28		
15	64QAM	36	0	22.19	22.24	22.26	23.6	0
15	64QAM	36	20	22.31	22.26	22.26		
15	64QAM	36	39	22.30	22.35	22.22		
15	64QAM	75	0	22.25	22.30	22.17		
15	256QAM	1	0	22.21	22.34	22.08	23.6	0
15	256QAM	1	37	22.15	22.35	22.09		
15	256QAM	1	74	22.28	22.13	22.26		
15	256QAM	36	0	22.21	22.31	22.29	23.6	0
15	256QAM	36	20	22.31	22.22	22.24		
15	256QAM	36	39	22.25	22.27	22.22		
15	256QAM	75	0	22.23	22.19	22.21		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.25	22.41	22.37	23.6	0
10	QPSK	1	25	22.28	22.32	22.37		
10	QPSK	1	49	22.37	22.32	22.38		
10	QPSK	25	0	22.23	22.36	22.33	23.6	0
10	QPSK	25	12	22.34	22.33	22.21		
10	QPSK	25	25	22.34	22.37	22.14		
10	QPSK	50	0	22.30	22.37	22.20		
10	16QAM	1	0	22.28	22.21	22.28	23.6	0
10	16QAM	1	25	22.34	22.30	22.19		
10	16QAM	1	49	22.32	22.29	22.18		
10	16QAM	25	0	22.19	22.23	22.30	23.6	0
10	16QAM	25	12	22.30	22.29	22.29		
10	16QAM	25	25	22.28	22.37	22.12		
10	16QAM	50	0	22.30	22.32	22.34		
10	64QAM	1	0	22.29	22.31	22.15	23.6	0
10	64QAM	1	25	22.19	22.26	22.17		
10	64QAM	1	49	22.33	22.12	22.28		
10	64QAM	25	0	22.20	22.21	22.25	23.6	0
10	64QAM	25	12	22.29	22.26	22.24		
10	64QAM	25	25	22.33	22.35	22.25		
10	64QAM	50	0	22.27	22.29	22.18		
10	256QAM	1	0	22.23	22.34	22.10	23.6	0
10	256QAM	1	25	22.11	22.33	22.12		
10	256QAM	1	49	22.30	22.12	22.25		
10	256QAM	25	0	22.18	22.34	22.30	23.6	0
10	256QAM	25	12	22.29	22.20	22.22		
10	256QAM	25	25	22.24	22.23	22.23		
10	256QAM	50	0	22.22	22.18	22.21		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.41	22.40	23.6	0
5	QPSK	1	12	22.29	22.29	22.36		
5	QPSK	1	24	22.39	22.31	22.40		
5	QPSK	12	0	22.24	22.36	22.32	23.6	0
5	QPSK	12	7	22.35	22.32	22.22		
5	QPSK	12	13	22.34	22.37	22.16		
5	QPSK	25	0	22.28	22.37	22.20		
5	16QAM	1	0	22.27	22.21	22.29	23.6	0
5	16QAM	1	12	22.34	22.32	22.21		
5	16QAM	1	24	22.31	22.31	22.19		
5	16QAM	12	0	22.21	22.24	22.31	23.6	0
5	16QAM	12	7	22.30	22.27	22.26		
5	16QAM	12	13	22.27	22.36	22.13		
5	16QAM	25	0	22.30	22.32	22.35		
5	64QAM	1	0	22.23	22.29	22.13	23.6	0
5	64QAM	1	12	22.16	22.24	22.19		
5	64QAM	1	24	22.34	22.13	22.28		
5	64QAM	12	0	22.19	22.21	22.26	23.6	0
5	64QAM	12	7	22.30	22.26	22.26		
5	64QAM	12	13	22.32	22.37	22.23		
5	64QAM	25	0	22.24	22.29	22.17		
5	256QAM	1	0	22.23	22.32	22.09	23.6	0
5	256QAM	1	12	22.12	22.33	22.10		
5	256QAM	1	24	22.31	22.15	22.25		
5	256QAM	12	0	22.19	22.30	22.29	23.6	0
5	256QAM	12	7	22.29	22.21	22.24		
5	256QAM	12	13	22.26	22.24	22.24		
5	256QAM	25	0	22.23	22.16	22.23		

Band 41 (2.6G Band) Ant1 DSI3 Power

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	20.37	20.53	20.64	20.48	20.58	21.6	0
20	QPSK	1	49	20.40	20.54	20.51	20.38	20.60		
20	QPSK	1	99	20.43	20.49	20.52	20.57	20.53		
20	QPSK	50	0	20.50	20.53	20.57	20.26	20.38	21.6	0
20	QPSK	50	24	20.30	20.50	20.53	20.47	20.47		
20	QPSK	50	50	20.41	20.51	20.48	20.37	20.54		
20	QPSK	100	0	20.31	20.47	20.54	20.36	20.49		
20	16QAM	1	0	20.33	20.29	20.43	20.33	20.46	21.6	0
20	16QAM	1	49	20.40	20.47	20.33	20.22	20.42		
20	16QAM	1	99	20.22	20.47	20.46	20.17	20.35		
20	16QAM	50	0	20.42	20.47	20.27	20.37	20.42	21.6	0
20	16QAM	50	24	20.44	20.43	20.50	20.50	20.36		
20	16QAM	50	50	20.26	20.46	20.47	20.46	20.47		
20	16QAM	100	0	20.39	20.33	20.40	20.46	20.52		
20	64QAM	1	0	20.13	20.22	20.37	20.14	20.22	21.6	0
20	64QAM	1	49	20.21	20.39	20.38	20.28	20.16		
20	64QAM	1	99	20.24	20.38	20.38	20.13	20.26		
20	64QAM	50	0	20.25	20.48	20.37	20.26	20.36	21.6	0
20	64QAM	50	24	20.17	20.27	20.27	20.26	20.29		
20	64QAM	50	50	20.23	20.36	20.47	20.44	20.33		
20	64QAM	100	0	20.18	20.40	20.43	20.09	20.35		
20	256QAM	1	0	18.36	18.48	18.66	18.40	18.57	19.6	2
20	256QAM	1	49	18.43	18.58	18.56	18.35	18.56		
20	256QAM	1	99	18.48	18.46	18.51	18.59	18.53		
20	256QAM	50	0	18.56	18.57	18.66	18.36	18.42	19.6	2
20	256QAM	50	24	18.29	18.49	18.58	18.55	18.47		
20	256QAM	50	50	18.45	18.54	18.44	18.36	18.54		
20	256QAM	100	0	18.36	18.46	18.53	18.35	18.47		
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	20.35	20.51	20.59	20.43	20.56	22	0
15	QPSK	1	37	20.35	20.53	20.48	20.36	20.59		
15	QPSK	1	74	20.40	20.47	20.48	20.56	20.50		
15	QPSK	36	0	20.46	20.52	20.55	20.23	20.36	21.6	0
15	QPSK	36	20	20.27	20.46	20.48	20.43	20.44		
15	QPSK	36	39	20.39	20.48	20.44	20.34	20.51		
15	QPSK	75	0	20.29	20.43	20.50	20.33	20.48		
15	16QAM	1	0	20.28	20.26	20.39	20.30	20.44	21.6	0
15	16QAM	1	37	20.38	20.46	20.29	20.17	20.39		
15	16QAM	1	74	20.20	20.46	20.45	20.15	20.32		
15	16QAM	36	0	20.40	20.45	20.25	20.35	20.39	21.6	0
15	16QAM	36	20	20.40	20.41	20.48	20.47	20.33		
15	16QAM	36	39	20.23	20.42	20.45	20.44	20.44		
15	16QAM	75	0	20.36	20.29	20.36	20.43	20.51		
15	64QAM	1	0	20.12	20.18	20.34	20.10	20.18	21.6	0
15	64QAM	1	37	20.19	20.37	20.33	20.26	20.13		
15	64QAM	1	74	20.20	20.34	20.36	20.09	20.22		
15	64QAM	36	0	20.22	20.44	20.36	20.25	20.34	21.6	0
15	64QAM	36	20	20.14	20.25	20.22	20.25	20.25		
15	64QAM	36	39	20.18	20.33	20.43	20.40	20.29		
15	64QAM	75	0	20.15	20.35	20.39	20.04	20.31		
15	256QAM	1	0	18.34	18.47	18.63	18.38	18.53	19.6	2
15	256QAM	1	37	18.39	18.55	18.53	18.33	18.53		
15	256QAM	1	74	18.43	18.44	18.48	18.55	18.49		
15	256QAM	36	0	18.55	18.55	18.61	18.31	18.41	19.6	2
15	256QAM	36	20	18.25	18.45	18.57	18.52	18.44		
15	256QAM	36	39	18.43	18.51	18.40	18.35	18.49		
15	256QAM	75	0	18.31	18.44	18.52	18.33	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.36	20.51	20.60	20.45	20.55	22	0
10	QPSK	1	25	20.38	20.52	20.50	20.37	20.55		
10	QPSK	1	49	20.41	20.45	20.48	20.54	20.50		
10	QPSK	25	0	20.48	20.48	20.55	20.24	20.35	21.6	0
10	QPSK	25	12	20.26	20.46	20.50	20.44	20.43		
10	QPSK	25	25	20.36	20.48	20.47	20.34	20.51		
10	QPSK	50	0	20.28	20.42	20.50	20.33	20.45		
10	16QAM	1	0	20.31	20.27	20.42	20.30	20.45	21.6	0
10	16QAM	1	25	20.38	20.46	20.31	20.18	20.39		
10	16QAM	1	49	20.20	20.44	20.41	20.15	20.34		
10	16QAM	25	0	20.40	20.44	20.22	20.33	20.37	21.6	0
10	16QAM	25	12	20.43	20.39	20.45	20.48	20.32		
10	16QAM	25	25	20.24	20.43	20.45	20.42	20.44		
10	16QAM	50	0	20.36	20.32	20.36	20.43	20.50		
10	64QAM	1	0	20.10	20.19	20.32	20.10	20.20	21.6	0
10	64QAM	1	25	20.16	20.35	20.34	20.25	20.12		
10	64QAM	1	49	20.23	20.34	20.34	20.10	20.23		
10	64QAM	25	0	20.24	20.44	20.33	20.24	20.31	21.6	0
10	64QAM	25	12	20.15	20.24	20.24	20.22	20.28		
10	64QAM	25	25	20.20	20.33	20.45	20.43	20.29		
10	64QAM	50	0	20.17	20.37	20.38	20.08	20.31		
10	256QAM	1	0	18.31	18.46	18.63	18.36	18.53	19.6	2
10	256QAM	1	25	18.38	18.55	18.52	18.30	18.53		
10	256QAM	1	49	18.44	18.41	18.49	18.55	18.50		
10	256QAM	25	0	18.53	18.54	18.62	18.33	18.37	19.6	2
10	256QAM	25	12	18.26	18.46	18.53	18.50	18.45		
10	256QAM	25	25	18.43	18.50	18.43	18.31	18.51		
10	256QAM	50	0	18.33	18.45	18.52	18.34	18.45		
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	20.35	20.50	20.61	20.46	20.54	22	0
5	QPSK	1	12	20.39	20.52	20.47	20.34	20.57		
5	QPSK	1	24	20.42	20.44	20.51	20.54	20.50		
5	QPSK	12	0	20.48	20.49	20.54	20.23	20.35	21.6	0
5	QPSK	12	7	20.28	20.48	20.51	20.45	20.44		
5	QPSK	12	13	20.37	20.46	20.45	20.32	20.51		
5	QPSK	25	0	20.26	20.42	20.52	20.35	20.46		
5	16QAM	1	0	20.28	20.26	20.42	20.29	20.41	21.6	0
5	16QAM	1	12	20.37	20.43	20.29	20.19	20.38		
5	16QAM	1	24	20.20	20.43	20.41	20.14	20.33		
5	16QAM	12	0	20.37	20.44	20.26	20.34	20.39	21.6	0
5	16QAM	12	7	20.41	20.41	20.46	20.46	20.32		
5	16QAM	12	13	20.23

Band 42 (3.5GHz Band) Ant2 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42100	42500	42900		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	14.51	14.71	14.60	15.9	0
20	QPSK	1	49	14.47	14.33	14.47		
20	QPSK	1	99	14.50	14.41	14.41		
20	QPSK	50	0	14.53	14.65	14.43		
20	QPSK	50	24	14.53	14.49	14.51		
20	QPSK	50	50	14.38	14.38	14.25		
20	QPSK	100	0	14.51	14.63	14.48		
20	16QAM	1	0	14.58	14.48	14.41		
20	16QAM	1	49	14.35	14.29	14.50		
20	16QAM	1	99	14.55	14.48	14.33		
20	16QAM	50	0	14.33	14.51	14.28		
20	16QAM	50	24	14.56	14.48	14.31		
20	16QAM	50	50	14.53	14.47	14.35		
20	16QAM	100	0	14.49	14.26	14.33		
20	64QAM	1	0	14.48	14.34	14.37		
20	64QAM	1	49	14.43	14.47	14.37		
20	64QAM	1	99	14.38	14.35	14.35		
20	64QAM	50	0	14.38	14.45	14.38		
20	64QAM	50	24	14.54	14.39	14.45		
20	64QAM	50	50	14.31	14.36	14.38		
20	64QAM	100	0	14.45	14.27	14.39		
20	256QAM	1	0	14.44	14.54	14.23		
20	256QAM	1	49	14.26	14.36	14.22		
20	256QAM	1	99	14.42	14.62	14.40		
20	256QAM	50	0	14.56	14.32	14.48		
20	256QAM	50	24	14.28	14.55	14.44		
20	256QAM	50	50	14.42	14.39	14.44		
20	256QAM	100	0	14.44	14.44	14.43		
Channel				42150	42340	42530	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	14.50	14.82	14.52		
15	QPSK	1	37	14.41	14.38	14.39		
15	QPSK	1	74	14.43	14.46	14.39		
15	QPSK	36	0	14.50	14.88	14.32		
15	QPSK	36	20	14.56	14.51	14.42		
15	QPSK	36	39	14.38	14.46	14.33		
15	QPSK	75	0	14.57	14.57	14.54		
15	16QAM	1	0	14.59	14.41	14.40		
15	16QAM	1	37	14.40	14.27	14.50		
15	16QAM	1	74	14.53	14.40	14.41		
15	16QAM	36	0	14.42	14.50	14.23		
15	16QAM	36	20	14.48	14.43	14.37		
15	16QAM	36	39	14.47	14.50	14.37		
15	16QAM	75	0	14.48	14.21	14.26		
15	64QAM	1	0	14.47	14.31	14.42		
15	64QAM	1	37	14.44	14.49	14.35		
15	64QAM	1	74	14.31	14.40	14.27		
15	64QAM	36	0	14.29	14.42	14.32		
15	64QAM	36	20	14.50	14.43	14.45		
15	64QAM	36	39	14.38	14.31	14.42		
15	64QAM	75	0	14.50	14.35	14.41		
15	256QAM	1	0	14.39	14.48	14.35		
15	256QAM	1	37	14.34	14.36	14.21		
15	256QAM	1	74	14.45	14.50	14.44		
15	256QAM	36	0	14.48	14.26	14.50		
15	256QAM	36	20	14.38	14.44	14.44		
15	256QAM	36	39	14.38	14.37	14.46		
15	256QAM	75	0	14.42	14.34	14.44		
Channel				42140	42340	42590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	14.42	14.80	14.53		
10	QPSK	1	25	14.40	14.40	14.44		
10	QPSK	1	49	14.50	14.41	14.37		
10	QPSK	25	0	14.58	14.60	14.39		
10	QPSK	25	12	14.48	14.48	14.49		
10	QPSK	25	25	14.35	14.36	14.35		
10	QPSK	50	0	14.54	14.50	14.54		
10	16QAM	1	0	14.49	14.36	14.37		
10	16QAM	1	25	14.31	14.39	14.54		
10	16QAM	1	49	14.45	14.49	14.38		
10	16QAM	25	0	14.38	14.54	14.26		
10	16QAM	25	12	14.54	14.44	14.31		
10	16QAM	25	25	14.56	14.47	14.37		
10	16QAM	50	0	14.43	14.24	14.27		
10	64QAM	1	0	14.54	14.31	14.29		
10	64QAM	1	25	14.49	14.52	14.38		
10	64QAM	1	49	14.33	14.32	14.49		
10	64QAM	25	0	14.38	14.45	14.43		
10	64QAM	25	12	14.49	14.42	14.52		
10	64QAM	25	25	14.31	14.35	14.40		
10	64QAM	50	0	14.40	14.27	14.38		
10	256QAM	1	0	14.32	14.56	14.36		
10	256QAM	1	25	14.26	14.32	14.21		
10	256QAM	1	49	14.49	14.52	14.35		
10	256QAM	25	0	14.53	14.42	14.42		
10	256QAM	25	12	14.23	14.57	14.44		
10	256QAM	25	25	14.45	14.39	14.45		
10	256QAM	50	0	14.39	14.45	14.40		
Channel				42115	42340	42565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	14.40	14.71	14.51		
5	QPSK	1	12	14.36	14.35	14.42		
5	QPSK	1	24	14.41	14.45	14.37		
5	QPSK	12	0	14.49	14.65	14.46		
5	QPSK	12	7	14.46	14.48	14.41		
5	QPSK	12	13	14.34	14.45	14.28		
5	QPSK	25	0	14.48	14.59	14.51		
5	16QAM	1	0	14.50	14.43	14.47		
5	16QAM	1	12	14.33	14.39	14.46		
5	16QAM	1	24	14.47	14.42	14.42		
5	16QAM	12	0	14.44	14.42	14.25		
5	16QAM	12	7	14.59	14.49	14.39		
5	16QAM	12	13	14.52	14.48	14.35		
5	16QAM	25	0	14.46	14.22	14.26		
5	64QAM	1	0	14.49	14.30	14.38		
5	64QAM	1	12	14.45	14.45	14.45		
5	64QAM	1	24	14.31	14.36	14.38		
5	64QAM	12	0	14.34	14.46	14.39		
5	64QAM	12	7	14.45	14.42	14.50		
5	64QAM	12	13	14.32	14.45	14.46		
5	64QAM	25	0	14.50	14.30	14.38		
5	256QAM	1	0	14.33	14.50	14.36		
5	256QAM	1	12	14.22	14.28	14.32		
5	256QAM	1	24	14.46	14.58	14.41		
5	256QAM	12	0	14.30	14.49	14.49		
5	256QAM	12	7	14.27	14.52	14.43		
5	256QAM	12	13	14.41	14.44	14.47		
5	256QAM	25	0	14.49	14.39	14.36		

Band 42 Part27Q Ant2 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42100	42500	42900		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.59	14.64	14.54	15.9	0
20	QPSK	1	49	14.43	14.52	14.49		
20	QPSK	1	99	14.45	14.43	14.39		
20	QPSK	50	0	14.55	14.61	14.58		
20	QPSK	50	24	14.50	14.58	14.60		
20	QPSK	50	50	14.53	14.54	14.60		
20	QPSK	100	0	14.48	14.57	14.51		
20	16QAM	1	0	14.55	14.43	14.49		
20	16QAM	1	49	14.37	14.56	14.51		
20	16QAM	1	99	14.47	14.45	14.44		
20	16QAM	50	0	14.42	14.45	14.39		
20	16QAM	50	24	14.46	14.57	14.34		
20	16QAM	50	50	14.54	14.53	14.57		
20	16QAM	100	0	14.43	14.48	14.52		
20	64QAM	1	0	14.44	14.47	14.43		
20	64QAM	1	49	14.49	14.40	14.55		
20	64QAM	1	99	14.34	14.34	14.41		
20	64QAM	50	0	14.58	14.41	14.45		
20	64QAM	50	24	14.42	14.49	14.55		
20	64QAM	50	50	14.58	14.49	14.53		
20	64QAM	100	0	14.50	14.55	14.43		
20	256QAM	1	0	14.29	14.39	14.33		
20	256QAM	1	49	14.36	14.31	14.42		
20	256QAM	1	99	14.27	14.24	14.27		
20	256QAM	50	0	14.52	14.26	14.37		
20	256QAM	50	24	14.36	14.36	14.48		
20	256QAM	50	50	14.46	14.42	14.44		
20	256QAM	100	0	14.42	14.45	14.35		
Channel				42150	42340	42530	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.58	14.60	14.49		
15	QPSK	1	37	14.40	14.56	14.45		
15	QPSK	1	74	14.43	14.41	14.37		
15	QPSK	36	0	14.50	14.58	14.55		
15	QPSK	36	20	14.48	14.57	14.59		
15	QPSK	36	39	14.46	14.49	14.58		
15	QPSK	75	0	14.45	14.55	14.47		
15	16QAM	1	0	14.51	14.46	14.44		
15	16QAM	1	37	14.33	14.51	14.47		
15	16QAM	1	74	14.43	14.40	14.41		
15	16QAM	36	0	14.38	14.43	14.36		
15	16QAM	36	20	14.43	14.55	14.29		
15	16QAM	36	39	14.49	14.51	14.55		
15	16QAM	75	0	14.41	14.48	14.50		
15	64QAM	1	0	14.41	14.42	14.41		
15	64QAM	1	37	14.48	14.36	14.53		
15	64QAM	1	74	14.31	14.30	14.37		
15	64QAM	36	0	14.53	14.39	14.43		
15	64QAM	36	20	14.39	14.47	14.53		
15	64QAM	36	39	14.53	14.47	14.50		
15	64QAM	75	0	14.48	14.54	14.39		
15	256QAM	1	0	14.25	14.37	14.31		
15	256QAM	1	37	14.33	14.27	14.40		
15	256QAM	1	74	14.23	14.23	14.23		
15	256QAM	36	0	14.50	14.21	14.35		
15	256QAM	36	20	14.33	14.33	14.46		
15	256QAM	36	39	14.44	14.38	14.41		
15	256QAM	75	0	14.40	14.43	14.31		
Channel				42140	42340	42590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.55	14.61	14.51		
10	QPSK	1	25	14.38	14.48	14.44		
10	QPSK	1	49	14.41	14.39	14.37		
10	QPSK	25	0	14.52	14.58	14.56		
10	QPSK	25	12	14.48	14.54	14.56		
10	QPSK	25	25	14.51	14.50	14.57		
10	QPSK	50	0	14.46	14.55	14.47		
10	16QAM	1	0	14.33	14.40	14.45		
10	16QAM	1	25	14.34	14.54	14.46		
10	16QAM	1	49	14.44	14.44	14.39		
10	16QAM	25	0	14.38	14.43	14.38		
10	16QAM	25	12	14.43	14.52	14.31		
10	16QAM	25	25	14.50	14.49	14.52		
10	16QAM	50	0	14.22	14.32	14.26		
10	64QAM	1	0	14.41	14.44	14.41		
10	64QAM	1	25	14.44	14.36	14.51		
10	64QAM	1	49	14.31	14.32	14.40		
10	64QAM	25	0	14.53	14.36	14.42		
10	64QAM	25	12	14.41	14.44	14.53		
10	64QAM	25	25	14.52	14.45	14.49		
10	64QAM	50	0	14.49	14.51	14.41		
10	256QAM	1	0	14.24	14.38	14.30		
10	256QAM	1	25	14.31	14.28	14.40		
10	256QAM	1	49	14.23	14.22	14.26		
10	256QAM	25	0	14.48	14.24	14.38		
10	256QAM	25	12	14.31	14.32	14.45		
10	256QAM	25	25	14.44	14.37	14.42		
10	256QAM	50	0	14.38	14.43	14.34		
Channel				42115	42500	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.57	14.63	14.50		
5	QPSK	1	12	14.42	14.50	14.45		
5	QPSK	1	24	14.44	14.42	14.37		
5	QPSK	12	0	14.54	14.57	14.57		
5	QPSK	12	7	14.46	14.54	14.58		
5	QPSK	12	13	14.48	14.49	14.58		
5	QPSK	25	0	14.45	14.52	14.47		
5	16QAM	1	0	14.53	14.38	14.46		
5	16QAM	1	12	14.34	14.55	14.50		
5	16QAM	1	24	14.44	14.42	14.42		
5	16QAM	12	0	14.38	14.43	14.38		
5	16QAM	12	7	14.42	14.56	14.29		
5	16QAM	12	13	14.52	14.52	14.52		
5	16QAM	25	0	14.39	14.44	14.48		
5	64QAM	1	0	14.42	14.43	14.40		
5	64QAM	1	12	14.45	14.45	14.50		
5	64QAM	1	24	14.29	14.30	14.36		
5	64QAM	12	0	14.56	14.37	14.43		
5	64QAM	12	7	14.38	14.53	14.50		
5	64QAM	12	13	14.50	14.45	14.50		
5	64QAM	25	0	14.45	14.53	14.39		
5	256QAM	1	0	14.27	14.38	14.29		
5	256QAM	1	12	14.32	14.28	14.40		
5	256QAM	1	24	14.23	14.23	14.23		
5	256QAM	12	0	14.48	14.25	14.35		
5	256QAM	12	7	14.32	14.34	14.45		
5	256QAM	12	13	14.42	14.40	14.42		
5	256QAM	25	0	14.38	14.42	14.34		

Band 43 (3.7GHz Band) Ant2 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43000	43090	44300		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	15.48	15.58	15.49	17.2	0
20	QPSK	1	49	15.57	15.46	15.48		
20	QPSK	1	99	15.46	15.35	15.37		
20	QPSK	50	0	15.40	15.49	15.43		
20	QPSK	50	24	15.24	15.35	15.23		
20	QPSK	50	50	15.24	15.24	15.30		
20	QPSK	100	0	15.29	15.45	15.37		
20	16QAM	1	0	15.36	15.29	15.38		
20	16QAM	1	49	15.40	15.24	15.41		
20	16QAM	1	99	15.21	15.22	15.24		
20	16QAM	50	0	15.34	15.43	15.28		
20	16QAM	50	24	15.43	15.36	15.42		
20	16QAM	50	50	15.27	15.26	15.31		
20	16QAM	100	0	15.32	15.31	15.38		
20	64QAM	1	0	15.38	15.34	15.43		
20	64QAM	1	49	15.42	15.43	15.41		
20	64QAM	1	99	15.23	15.25	15.22		
20	64QAM	50	0	15.43	15.42	15.44		
20	64QAM	50	24	15.40	15.36	15.42		
20	64QAM	50	50	15.25	15.25	15.33		
20	64QAM	100	0	15.33	15.33	15.38		
20	256QAM	1	0	15.30	15.35	15.23		
20	256QAM	1	49	15.30	15.31	15.30		
20	256QAM	1	99	15.21	15.22	15.20		
20	256QAM	50	0	15.28	15.33	15.31		
20	256QAM	50	24	15.33	15.29	15.24		
20	256QAM	50	50	15.30	15.26	15.23		
20	256QAM	100	0	15.20	15.23	15.32		
Channel				43150	43090	44415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	15.35	15.52	15.38	17.2	0
15	QPSK	1	37	15.52	15.38	15.43		
15	QPSK	1	74	15.34	15.20	15.22		
15	QPSK	36	0	15.32	15.44	15.37		
15	QPSK	36	20	15.33	15.49	15.34		
15	QPSK	36	39	15.30	15.32	15.31		
15	QPSK	75	0	15.30	15.26	15.22		
15	16QAM	1	0	15.30	15.50	15.34		
15	16QAM	1	37	15.31	15.33	15.33		
15	16QAM	1	74	15.31	15.20	15.21		
15	16QAM	36	0	15.23	15.35	15.22		
15	16QAM	36	20	15.29	15.24	15.31		
15	16QAM	36	39	15.20	15.21	15.23		
15	16QAM	75	0	15.21	15.27	15.28		
15	64QAM	1	0	15.24	15.28	15.34		
15	64QAM	1	37	15.29	15.29	15.35		
15	64QAM	1	74	15.33	15.22	15.23		
15	64QAM	36	0	15.37	15.34	15.38		
15	64QAM	36	20	15.27	15.28	15.27		
15	64QAM	36	39	15.26	15.28	15.28		
15	64QAM	75	0	15.23	15.26	15.30		
15	256QAM	1	0	15.31	15.49	15.36		
15	256QAM	1	37	15.31	15.33	15.32		
15	256QAM	1	74	15.31	15.25	15.27		
15	256QAM	36	0	15.32	15.50	15.37		
15	256QAM	36	20	15.32	15.49	15.36		
15	256QAM	36	39	15.32	15.34	15.31		
15	256QAM	75	0	15.30	15.28	15.28		
Channel				43040	43090	44440	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	15.38	15.50	15.36	17.2	0
10	QPSK	1	25	15.43	15.32	15.36		
10	QPSK	1	49	15.32	15.28	15.32		
10	QPSK	25	0	15.34	15.42	15.34		
10	QPSK	25	12	15.30	15.48	15.37		
10	QPSK	25	25	15.28	15.32	15.31		
10	QPSK	50	0	15.31	15.25	15.26		
10	16QAM	1	0	15.30	15.49	15.34		
10	16QAM	1	25	15.31	15.34	15.31		
10	16QAM	1	49	15.32	15.26	15.29		
10	16QAM	25	0	15.32	15.50	15.37		
10	16QAM	25	12	15.31	15.32	15.30		
10	16QAM	25	25	15.31	15.26	15.28		
10	16QAM	50	0	15.22	15.34	15.30		
10	64QAM	1	0	15.31	15.50	15.36		
10	64QAM	1	25	15.31	15.32	15.31		
10	64QAM	1	49	15.31	15.25	15.28		
10	64QAM	25	0	15.29	15.36	15.35		
10	64QAM	25	12	15.27	15.23	15.31		
10	64QAM	25	25	15.22	15.25	15.27		
10	64QAM	50	0	15.26	15.24	15.23		
10	256QAM	1	0	15.31	15.49	15.35		
10	256QAM	1	25	15.31	15.33	15.30		
10	256QAM	1	49	15.32	15.26	15.29		
10	256QAM	25	0	15.21	15.26	15.26		
10	256QAM	25	12	15.34	15.31	15.34		
10	256QAM	25	25	15.32	15.34	15.32		
10	256QAM	50	0	15.30	15.28	15.29		
Channel				43015	43090	44465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	15.42	15.48	15.41	17.2	0
5	QPSK	1	12	15.45	15.35	15.35		
5	QPSK	1	24	15.39	15.25	15.32		
5	QPSK	12	0	15.34	15.35	15.35		
5	QPSK	12	7	15.31	15.47	15.34		
5	QPSK	12	13	15.30	15.32	15.32		
5	QPSK	25	0	15.31	15.29	15.29		
5	16QAM	1	0	15.34	15.50	15.37		
5	16QAM	1	12	15.31	15.34	15.32		
5	16QAM	1	24	15.30	15.20	15.29		
5	16QAM	12	0	15.31	15.49	15.37		
5	16QAM	12	7	15.28	15.32	15.32		
5	16QAM	12	13	15.30	15.28	15.32		
5	16QAM	25	0	15.24	15.22	15.32		
5	64QAM	1	0	15.26	15.22	15.35		
5	64QAM	1	12	15.27	15.30	15.28		
5	64QAM	1	24	15.22	15.31	15.28		
5	64QAM	12	0	15.32	15.30	15.31		
5	64QAM	12	7	15.34	15.21	15.31		
5	64QAM	12	13	15.22	15.23	15.26		
5	64QAM	25	0	15.21	15.26	15.27		
5	256QAM	1	0	15.30	15.46	15.33		
5	256QAM	1	12	15.30	15.34	15.32		
5	256QAM	1	24	15.30	15.28	15.28		
5	256QAM	12	0	15.33	15.48	15.36		
5	256QAM	12	7	15.29	15.34	15.30		
5	256QAM	12	13	15.30	15.27	15.26		
5	256QAM	25	0	15.22	15.27	15.20		

Band 48 Ant2 DSI3 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56100	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.83	15.65	15.72	15.69	17.2	0
20	QPSK	1	49	15.64	15.44	15.56	15.60		
20	QPSK	1	99	15.40	15.41	15.47	15.51		
20	QPSK	50	0	15.61	15.60	15.68	15.68		
20	QPSK	50	24	15.59	15.58	15.57	15.55		
20	QPSK	50	50	15.51	15.50	15.49	15.52		
20	QPSK	100	0	15.55	15.54	15.62	15.56		
20	16QAM	1	0	15.60	15.55	15.54	15.55		
20	16QAM	1	49	15.59	15.59	15.59	15.62	17.2	1
20	16QAM	1	99	15.37	15.52	15.37	15.43		
20	16QAM	50	0	15.62	15.54	15.48	15.47		
20	16QAM	50	24	15.59	15.62	15.59	15.60	17.2	0
20	16QAM	50	50	15.52	15.53	15.51	15.53		
20	16QAM	100	0	15.58	15.56	15.55	15.54		
20	64QAM	1	0	15.59	15.54	15.56	15.55		
20	64QAM	1	49	15.58	15.58	15.58	15.49	17.2	0
20	64QAM	1	99	15.35	15.36	15.39	15.31		
20	64QAM	50	0	15.61	15.49	15.47	15.63		
20	64QAM	50	24	15.58	15.59	15.60	15.62	17.2	0
20	64QAM	50	50	15.53	15.46	15.52	15.54		
20	64QAM	100	0	15.55	15.61	15.53	15.56		
20	256QAM	1	0	15.52	15.44	15.46	15.41		
20	256QAM	1	49	15.49

Ant0 DSI3 Simultaneous Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.90	31.77	31.62	32.50	22.90	22.77	22.62	23.50
GPRS 1 Tx slot	31.87	31.73	31.57	32.50	22.87	22.73	22.57	23.50
GPRS 2 Tx slots	28.62	28.43	28.81	29.50	22.62	22.43	22.81	23.50
GPRS 3 Tx slots	26.81	26.91	26.69	27.70	22.55	22.65	22.43	23.44
GPRS 4 Tx slots	25.21	25.37	25.18	26.50	22.21	22.37	22.18	23.50
EDGE 1 Tx slot	25.70	25.64	25.69	27.00	16.70	16.64	16.69	18.00
EDGE 2 Tx slots	23.92	23.95	24.02	25.00	17.92	17.95	18.02	19.00
EDGE 3 Tx slots	22.77	22.75	22.77	24.00	18.51	18.49	18.51	19.74
EDGE 4 Tx slots	20.69	20.72	20.73	22.00	17.69	17.72	17.73	19.00

Ant0 DSI3 Simultaneous Power

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	21.92	21.57	21.54	23.50	12.92	12.57	12.54	14.50
GPRS 1 Tx slot	21.82	21.61	21.63	23.50	12.82	12.61	12.63	14.50
GPRS 2 Tx slots	19.29	19.13	19.25	20.50	13.29	13.13	13.25	14.50
GPRS 3 Tx slots	17.47	17.28	17.55	18.70	13.21	13.02	13.29	14.44
GPRS 4 Tx slots	16.48	16.69	16.51	17.50	13.48	13.69	13.51	14.50
EDGE 1 Tx slot	22.37	22.25	22.34	23.50	13.37	13.25	13.34	14.50
EDGE 2 Tx slots	19.26	19.29	19.35	20.50	13.26	13.29	13.35	14.50
EDGE 3 Tx slots	17.42	17.36	17.55	18.70	13.16	13.10	13.29	14.44
EDGE 4 Tx slots	16.04	15.89	16.13	17.50	13.04	12.89	13.13	14.50

		Ant0 DSI3 Simultaneous Power				Ant0 DSI3 Simultaneous Power				Ant0 DSI3 Simultaneous Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.62	14.37	14.59	16.00	15.14	15.21	15.13	16.10	22.13	22.21	22.24	23.50
3GPP Rel 99	RMC 12.2Kbps	14.59	14.63	14.42	16.00	15.15	15.27	15.09	16.10	22.25	22.35	22.30	23.50
3GPP Rel 6	HSDPA Subtest-1	13.76	13.73	13.83	16.00	14.38	14.50	14.32	16.10	21.16	21.15	21.16	23.50
3GPP Rel 6	HSDPA Subtest-2	13.79	13.72	13.81	16.00	14.13	14.52	14.30	16.10	21.14	21.09	21.19	23.50
3GPP Rel 6	HSDPA Subtest-3	13.27	13.18	13.33	15.50	13.90	14.00	13.83	15.60	20.64	20.60	20.68	23.00
3GPP Rel 6	HSDPA Subtest-4	13.20	13.23	13.41	15.50	13.87	13.98	13.81	15.60	20.59	20.65	20.71	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	13.55	13.52	13.54	16.00	14.27	14.36	14.11	16.10	21.06	20.90	20.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	13.65	13.41	13.51	16.00	14.11	14.42	14.18	16.10	21.02	21.00	20.96	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	13.15	12.97	13.17	15.50	13.77	13.69	13.74	15.60	20.51	20.45	20.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	12.88	13.11	13.32	15.50	13.77	13.83	13.63	15.60	20.50	20.47	20.41	23.00
3GPP Rel 6	HSUPA Subtest-1	13.54	13.61	13.58	16.00	14.34	14.25	14.16	16.10	21.16	21.17	21.18	23.50
3GPP Rel 6	HSUPA Subtest-2	11.49	11.33	11.31	14.00	13.33	13.46	13.24	14.10	19.06	19.13	19.16	21.50
3GPP Rel 6	HSUPA Subtest-3	12.30	12.34	12.26	15.00	13.39	13.29	13.34	15.10	20.26	20.17	20.13	22.50
3GPP Rel 6	HSUPA Subtest-4	11.21	11.16	11.29	14.00	13.32	13.52	13.28	14.10	19.06	19.16	19.17	21.50
3GPP Rel 6	HSUPA Subtest-5	13.62	13.56	13.59	16.00	14.24	14.16	14.30	16.10	21.22	21.17	21.36	23.50

Band 2 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	14.58	14.67	14.56	15.8	0
20	QPSK	1	49	14.57	14.52	14.55		
20	QPSK	1	99	14.40	14.37	14.42		
20	QPSK	50	0	14.22	14.49	14.19		
20	QPSK	50	24	14.31	14.26	14.32	15.8	0
20	QPSK	50	50	14.23	14.21	14.23		
20	QPSK	100	0	14.27	14.44	14.30		
20	16QAM	1	0	14.54	14.53	14.53		
20	16QAM	1	49	14.33	14.54	14.39	15.8	0
20	16QAM	1	99	14.51	14.39	14.45		
20	16QAM	50	0	14.31	14.37	14.32		
20	16QAM	50	24	14.48	14.44	14.46	15.8	0
20	16QAM	50	50	14.34	14.45	14.35		
20	16QAM	100	0	14.48	14.36	14.41		
20	64QAM	1	0	14.31	14.50	14.40		
20	64QAM	1	49	14.46	14.45	14.48	15.8	0
20	64QAM	1	99	14.26	14.42	14.38		
20	64QAM	50	0	14.40	14.35	14.38		
20	64QAM	50	24	14.49	14.50	14.45	15.8	0
20	64QAM	50	50	14.28	14.41	14.34		
20	64QAM	100	0	14.42	14.32	14.42		
20	256QAM	1	0	14.24	14.36	14.30		
20	256QAM	1	49	14.47	14.40	14.44	15.8	0
20	256QAM	1	99	14.30	14.39	14.26		
20	256QAM	50	0	14.44	14.27	14.35		
20	256QAM	50	24	14.34	14.43	14.40	15.8	0
20	256QAM	50	50	14.43	14.41	14.46		
20	256QAM	100	0	14.34	14.40	14.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.56	14.65	14.53	15.8	0
15	QPSK	1	37	14.53	14.46	14.52		
15	QPSK	1	74	14.35	14.37	14.38		
15	QPSK	36	0	14.19	14.44	14.15		
15	QPSK	36	20	14.28	14.21	14.26	15.8	0
15	QPSK	36	39	14.17	14.16	14.20		
15	QPSK	75	0	14.19	14.42	14.22		
15	16QAM	1	0	14.49	14.46	14.45		
15	16QAM	1	37	14.31	14.49	14.33	15.8	0
15	16QAM	1	74	14.44	14.34	14.42		
15	16QAM	36	0	14.23	14.32	14.26		
15	16QAM	36	20	14.42	14.42	14.39	15.8	0
15	16QAM	36	39	14.29	14.37	14.29		
15	16QAM	75	0	14.40	14.29	14.35		
15	64QAM	1	0	14.28	14.45	14.35		
15	64QAM	1	37	14.42	14.38	14.43	15.8	0
15	64QAM	1	74	14.23	14.37	14.34		
15	64QAM	36	0	14.33	14.29	14.34		
15	64QAM	36	20	14.46	14.47	14.40	15.8	0
15	64QAM	36	39	14.22	14.33	14.30		
15	64QAM	75	0	14.40	14.28	14.34		
15	256QAM	1	0	14.20	14.30	14.24		
15	256QAM	1	37	14.44	14.34	14.41	15.8	0
15	256QAM	1	74	14.25	14.31	14.22		
15	256QAM	36	0	14.37	14.19	14.30		
15	256QAM	36	20	14.28	14.40	14.38	15.8	0
15	256QAM	36	39	14.39	14.39	14.40		
15	256QAM	75	0	14.32	14.38	14.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.54	14.63	14.51	15.8	0
10	QPSK	1	25	14.54	14.46	14.50		
10	QPSK	1	49	14.37	14.38	14.40		
10	QPSK	25	0	14.17	14.44	14.14		
10	QPSK	25	12	14.27	14.24	14.27	15.8	0
10	QPSK	25	25	14.15	14.17	14.18		
10	QPSK	50	0	14.22	14.41	14.24		
10	16QAM	1	0	14.47	14.48	14.47		
10	16QAM	1	25	14.27	14.50	14.33	15.8	0
10	16QAM	1	49	14.44	14.34	14.42		
10	16QAM	25	0	14.27	14.31	14.24		
10	16QAM	25	12	14.42	14.39	14.44	15.8	0
10	16QAM	25	25	14.31	14.37	14.32		
10	16QAM	50	0	14.41	14.36	14.35		
10	64QAM	1	0	14.26	14.46	14.36		
10	64QAM	1	25	14.43	14.42	14.40	15.8	0
10	64QAM	1	49	14.22	14.35	14.33		
10	64QAM	25	0	14.38	14.28	14.34		
10	64QAM	25	12	14.44	14.45	14.42	15.8	0
10	64QAM	25	25	14.21	14.33	14.30		
10	64QAM	50	0	14.37	14.30	14.36		
10	256QAM	1	0	14.22	14.30	14.24		
10	256QAM	1	25	14.40	14.37	14.38	15.8	0
10	256QAM	1	49	14.23	14.32	14.21		
10	256QAM	25	0	14.40	14.24	14.31		
10	256QAM	25	12	14.30	14.36	14.33	15.8	0
10	256QAM	25	25	14.37	14.35	14.43		
10	256QAM	50	0	14.27	14.33	14.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.52	14.60	14.53	15.8	0
5	QPSK	1	12	14.55	14.44	14.49		
5	QPSK	1	24	14.37	14.39	14.41		
5	QPSK	12	0	14.17	14.46	14.13	15.8	0
5	QPSK	12	7	14.24	14.18	14.29		
5	QPSK	12	13	14.17	14.19	14.20		
5	QPSK	25	0	14.20	14.40	14.25		
5	16QAM	1	0	14.48	14.46	14.50	15.8	0
5	16QAM	1	12	14.28	14.50	14.34		
5	16QAM	1	24	14.44	14.34	14.39		
5	16QAM	12	0	14.25	14.31	14.26	15.8	0
5	16QAM	12	7	14.42	14.41	14.43		
5	16QAM	12	13	14.28	14.42	14.32		
5	16QAM	25	0	14.44	14.29	14.38		
5	64QAM	1	0	14.24	14.43	14.35	15.8	0
5	64QAM	1	12	14.41	14.43	14.45		
5	64QAM	1	24	14.22	14.38	14.35		
5	64QAM	12	0	14.37	14.28	14.31	15.8	0
5	64QAM	12	7	14.43	14.45	14.40		
5	64QAM	12	13	14.25	14.37	14.31		
5	64QAM	25	0	14.40	14.29	14.34		
5	256QAM	1	0	14.18	14.29	14.24	15.8	0
5	256QAM	1	12	14.42	14.38	14.37		
5	256QAM	1	24	14.24	14.33	14.21		
5	256QAM	12	0	14.39	14.22	14.29	15.8	0
5	256QAM	12	7	14.31	14.35	14.34		
5	256QAM	12	13	14.35	14.35	14.43		
5	256QAM	25	0	14.30	14.34	14.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.55	14.63	14.54	15.8	0
3	QPSK	1	8	14.55	14.44	14.49		
3	QPSK	1	14	14.33	14.39	14.40		
3	QPSK	8	0	14.16	14.42	14.13	15.8	0
3	QPSK	8	4	14.25	14.22	14.26		
3	QPSK	8	7	14.17	14.18	14.17		
3	QPSK	15	0	14.21	14.38	14.25		
3	16QAM	1	0	14.47	14.50	14.47	15.8	0
3	16QAM	1	8	14.28	14.51	14.34		
3	16QAM	1	14	14.48	14.35	14.42		
3	16QAM	8	0	14.27	14.32	14.27	15.8	0
3	16QAM	8	4	14.41	14.36	14.38		
3	16QAM	8	7	14.32	14.38	14.29		
3	16QAM	15	0	14.44	14.33	14.37		
3	64QAM	1	0	14.25	14.44	14.34	15.8	0
3	64QAM	1	8	14.43	14.42	14.44		
3	64QAM	1	14	14.20	14.38	14.31		
3	64QAM	8	0	14.34	14.28	14.31	15.8	0
3	64QAM	8	4	14.46	14.48	14.42		
3	64QAM	8	7	14.23	14.34	14.30		
3	64QAM	15	0	14.37	14.27	14.38		
3	256QAM	1	0	14.16	14.33	14.25	15.8	0
3	256QAM	1	8	14.41	14.36	14.36		
3	256QAM	1	14	14.27	14.36	14.22		
3	256QAM	8	0	14.37	14.24	14.30	15.8	0
3	256QAM	8	4	14.28	14.40	14.32		
3	256QAM	8	7	14.37	14.38	14.43		
3	256QAM	15	0	14.30	14.33	14.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.52	14.60	14.52	15.8	0
1.4	QPSK	1	3	14.54	14.47	14.50		
1.4	QPSK	1	5	14.32	14.39	14.40		
1.4	QPSK	3	0	14.19	14.45	14.17		
1.4	QPSK	3	1	14.28	14.18	14.27		
1.4	QPSK	3	3	14.17	14.13	14.19		
1.4	QPSK	6	0	14.20	14.41	14.23	15.8	0
1.4	16QAM	1	0	14.48	14.51	14.49	15.8	0
1.4	16QAM	1	3	14.26	14.51	14.34		
1.4	16QAM	1	5	14.45	14.32	14.39		
1.4	16QAM	3	0	14.25	14.33	14.29		
1.4	16QAM	3	1	14.43	14.41	14.40		
1.4	16QAM	3	3	14.28	14.37	14.30		
1.4	16QAM	6	0	14.42	14.33	14.33	15.8	0
1.4	64QAM	1	0	14.27	14.45	14.37	15.8	0
1.4	64QAM	1	3	14.41	14.38	14.41		
1.4	64QAM	1	5	14.21	14.38	14.34		
1.4	64QAM	3	0	14.32	14.30	14.31		
1.4	64QAM	3	1	14.44	14.45	14.41		
1.4	64QAM	3	3	14.21	14.39	14.30		
1.4	64QAM	6	0	14.40	14.30	14.34	15.8	0
1.4	256QAM	1	0	14.20	14.29	14.24	15.8	0
1.4	256QAM	1	3	14.44	14.33	14.41		
1.4	256QAM	1	5	14.26	14.33	14.20		
1.4	256QAM	3	0	14.39	14.22	14.29		
1.4	256QAM	3	1	14.29	14.36	14.35		
1.4	256QAM	3	3	14.37	14.36	14.42		
1.4	256QAM	6	0	14.28	14.36	14.39	15.8	0

Band 4 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	14.63	14.87	14.83	16.3	0
20	QPSK	1	49	14.73	14.85	14.69		
20	QPSK	1	99	14.94	14.84	14.76		
20	QPSK	50	0	14.60	14.79	14.68		
20	QPSK	50	24	14.68	14.62	14.62	16.3	0
20	QPSK	50	50	14.56	14.52	14.49		
20	QPSK	100	0	14.56	14.72	14.45		
20	16QAM	1	0	14.61	14.71	14.61		
20	16QAM	1	49	14.63	14.65	14.55	16.3	0
20	16QAM	1	99	14.48	14.66	14.40		
20	16QAM	50	0	14.62	14.67	14.67		
20	16QAM	50	24	14.68	14.68	14.64	16.3	0
20	16QAM	50	50	14.59	14.67	14.54		
20	16QAM	100	0	14.66	14.62	14.60		
20	64QAM	1	0	14.56	14.65	14.67		
20	64QAM	1	49	14.53	14.64	14.71	16.3	0
20	64QAM	1	99	14.62	14.55	14.59		
20	64QAM	50	0	14.58	14.66	14.68		
20	64QAM	50	24	14.61	14.67	14.65	16.3	0
20	64QAM	50	50	14.62	14.61	14.53		
20	64QAM	100	0	14.63	14.62	14.61		
20	256QAM	1	0	14.67	14.60	14.71		
20	256QAM	1	49	14.63	14.67	14.60	16.3	0
20	256QAM	1	99	14.54	14.43	14.44		
20	256QAM	50	0	14.54	14.63	14.53		
20	256QAM	50	24	14.53	14.59	14.61	16.3	0
20	256QAM	50	50	14.50	14.56	14.50		
20	256QAM	100	0	14.54	14.49	14.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.54	14.84	14.78	16.3	0
15	QPSK	1	37	14.62	14.71	14.65		
15	QPSK	1	74	14.82	14.74	14.63		
15	QPSK	36	0	14.48	14.69	14.53		
15	QPSK	36	20	14.65	14.47	14.55	16.3	0
15	QPSK	36	39	14.53	14.37	14.36		
15	QPSK	75	0	14.49	14.56	14.40		
15	16QAM	1	0	14.53	14.58	14.57		
15	16QAM	1	37	14.51	14.51	14.51	16.3	0
15	16QAM	1	74	14.41	14.56	14.36		
15	16QAM	36	0	14.54	14.56	14.55		
15	16QAM	36	20	14.53	14.61	14.56	16.3	0
15	16QAM	36	39	14.51	14.56	14.50		
15	16QAM	75	0	14.51	14.47	14.49		
15	64QAM	1	0	14.42	14.51	14.54		
15	64QAM	1	37	14.50	14.53	14.61	16.3	0
15	64QAM	1	74	14.47	14.43	14.56		
15	64QAM	36	0	14.49	14.62	14.63		
15	64QAM	36	20	14.49	14.57	14.57	16.3	0
15	64QAM	36	39	14.57	14.51	14.47		
15	64QAM	75	0	14.48	14.50	14.58		
15	256QAM	1	0	14.58	14.48	14.64		
15	256QAM	1	37	14.51	14.51	14.46	16.3	0
15	256QAM	1	74	14.45	14.40	14.54		
15	256QAM	36	0	14.47	14.58	14.51		
15	256QAM	36	20	14.39	14.53	14.57	16.3	0
15	256QAM	36	39	14.46	14.50	14.44		
15	256QAM	75	0	14.39	14.36	14.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.57	14.83	14.80	16.3	0
10	QPSK	1	25	14.66	14.70	14.59		
10	QPSK	1	49	14.70	14.76	14.65		
10	QPSK	25	0	14.48	14.72	14.64		
10	QPSK	25	12	14.52	14.49	14.54	16.3	0
10	QPSK	25	25	14.45	14.42	14.35		
10	QPSK	50	0	14.56	14.57	14.34		
10	16QAM	1	0	14.48	14.65	14.59		
10	16QAM	1	25	14.53	14.54	14.45	16.3	0
10	16QAM	1	49	14.41	14.63	14.33		
10	16QAM	25	0	14.51	14.55	14.63		
10	16QAM	25	12	14.56	14.54	14.51	16.3	0
10	16QAM	25	25	14.50	14.58	14.49		
10	16QAM	50	0	14.53	14.52	14.51		
10	64QAM	1	0	14.53	14.51	14.58		
10	64QAM	1	25	14.37	14.57	14.66	16.3	0
10	64QAM	1	49	14.50	14.47	14.53		
10	64QAM	25	0	14.47	14.54	14.56		
10	64QAM	25	12	14.55	14.64	14.59	16.3	0
10	64QAM	25	25	14.52	14.49	14.48		
10	64QAM	50	0	14.56	14.53	14.48		
10	256QAM	1	0	14.64	14.51	14.65		
10	256QAM	1	25	14.57	14.63	14.54	16.3	0
10	256QAM	1	49	14.43	14.39	14.38		
10	256QAM	25	0	14.38	14.49	14.50		
10	256QAM	25	12	14.39	14.54	14.55	16.3	0
10	256QAM	25	25	14.45	14.46	14.42		
10	256QAM	50	0	14.39	14.35	14.45		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.48	14.81	14.73	16.3	0
5	QPSK	1	12	14.66	14.75	14.67		
5	QPSK	1	24	14.76	14.81	14.60		
5	QPSK	12	0	14.46	14.74	14.64	16.3	0
5	QPSK	12	7	14.58	14.47	14.52		
5	QPSK	12	13	14.45	14.49	14.34		
5	QPSK	25	0	14.62	14.66	14.31		
5	16QAM	1	0	14.54	14.67	14.46	16.3	0
5	16QAM	1	12	14.61	14.57	14.44		
5	16QAM	1	24	14.41	14.60	14.36		
5	16QAM	12	0	14.58	14.59	14.62	16.3	0
5	16QAM	12	7	14.61	14.56	14.50		
5	16QAM	12	13	14.44	14.64	14.45		
5	16QAM	25	0	14.50	14.53	14.47		
5	64QAM	1	0	14.50	14.62	14.62	16.3	0
5	64QAM	1	12	14.43	14.61	14.60		
5	64QAM	1	24	14.49	14.41	14.56		
5	64QAM	12	0	14.51	14.53	14.53	16.3	0
5	64QAM	12	7	14.56	14.63	14.51		
5	64QAM	12	13	14.53	14.50	14.41		
5	64QAM	25	0	14.58	14.54	14.57		
5	256QAM	1	0	14.58	14.48	14.65		
5	256QAM	1	12	14.54	14.52	14.45	16.3	0
5	256QAM	1	24	14.51	14.39	14.37		
5	256QAM	12	0	14.42	14.52	14.44	16.3	0
5	256QAM	12	7	14.47	14.45	14.53		
5	256QAM	12	13	14.35	14.52	14.41		
5	256QAM	25	0	14.45	14.34	14.46		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.51	14.73	14.71	16.3	0
3	QPSK	1	8	14.59	14.77	14.61		
3	QPSK	1	14	14.79	14.71	14.61		
3	QPSK	8	0	14.57	14.67	14.61	16.3	0
3	QPSK	8	4	14.64	14.50	14.48		
3	QPSK	8	7	14.43	14.41	14.37		
3	QPSK	15	0	14.57	14.57	14.31		
3	16QAM	1	0	14.53	14.55	14.56	16.3	0
3	16QAM	1	8	14.50	14.62	14.50		
3	16QAM	1	14	14.43	14.58	14.33		
3	16QAM	8	0	14.58	14.60	14.64	16.3	0
3	16QAM	8	4	14.56	14.66	14.57		
3	16QAM	8	7	14.53	14.56	14.47		
3	16QAM	15	0	14.52	14.56	14.52		
3	64QAM	1	0	14.41	14.52	14.62	16.3	0
3	64QAM	1	8	14.41	14.60	14.67		
3	64QAM	1	14	14.50	14.50	14.50		
3	64QAM	8	0	14.53	14.60	14.54	16.3	0
3	64QAM	8	4	14.48	14.64	14.60		
3	64QAM	8	7	14.52	14.49	14.49		
3	64QAM	15	0	14.58	14.49	14.53		
3	256QAM	1	0	14.63	14.51	14.63	16.3	0
3	256QAM	1	8	14.52	14.59	14.46		
3	256QAM	1	14	14.42	14.31	14.37		
3	256QAM	8	0	14.49	14.50	14.44	16.3	0
3	256QAM	8	4	14.42	14.57	14.47		
3	256QAM	8	7	14.39	14.52	14.44		
3	256QAM	15	0	14.49	14.36	14.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.60	14.78	14.79	16.3	0
1.4	QPSK	1	3	14.61	14.71	14.64		
1.4	QPSK	1	5	14.70	14.72	14.64		
1.4	QPSK	3	0	14.48	14.63	14.63		
1.4	QPSK	3	1	14.52	14.56	14.47		
1.4	QPSK	3	3	14.41	14.46	14.35		
1.4	QPSK	6	0	14.55	14.67	14.37	16.3	0
1.4	16QAM	1	0	14.52	14.65	14.59	16.3	0
1.4	16QAM	1	3	14.61	14.52	14.51		
1.4	16QAM	1	5	14.43	14.57	14.37		
1.4	16QAM	3	0	14.57	14.65	14.54		
1.4	16QAM	3	1	14.58	14.61	14.59		
1.4	16QAM	3	3	14.56	14.51	14.48		
1.4	16QAM	6	0	14.55	14.52	14.53	16.3	0
1.4	64QAM	1	0	14.42	14.63	14.53	16.3	0
1.4	64QAM	1	3	14.45	14.54	14.68		
1.4	64QAM	1	5	14.50	14.40	14.44		
1.4	64QAM	3	0	14.43	14.53	14.64		
1.4	64QAM	3	1	14.46	14.60	14.50		
1.4	64QAM	3	3	14.55	14.45	14.41		
1.4	64QAM	6	0	14.57	14.57	14.47	16.3	0
1.4	256QAM	1	0	14.56	14.56	14.63	16.3	0
1.4	256QAM	1	3	14.55	14.59	14.54		
1.4	256QAM	1	5	14.38	14.34	14.36		
1.4	256QAM	3	0	14.38	14.48	14.44		
1.4	256QAM	3	1	14.51	14.53	14.51		
1.4	256QAM	3	3	14.38	14.48	14.48		
1.4	256QAM	6	0	14.46	14.38	14.37	16.3	0

Band 5 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	21.56	21.60	21.56	23	0
10	QPSK	1	25	21.59	21.59	21.48		
10	QPSK	1	49	21.43	21.26	21.55		
10	QPSK	25	0	21.50	21.58	21.46		
10	QPSK	25	12	21.49	21.41	21.35	23	0
10	QPSK	25	25	21.52	21.39	21.53		
10	QPSK	50	0	21.46	21.55	21.48		
10	16QAM	1	0	21.45	21.31	21.46		
10	16QAM	1	25	21.30	21.39	21.32

Band 7 Ant0 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.99	14.19	14.13	15.2	0
20	QPSK	1	49	14.09	14.00	13.91		
20	QPSK	1	99	14.06	14.00	13.99		
20	QPSK	50	0	13.91	14.08	13.88	15.2	0
20	QPSK	50	24	14.01	14.00	14.00		
20	QPSK	50	50	14.05	13.92	13.98		
20	QPSK	100	0	13.99	14.07	13.93		
20	16QAM	1	0	13.71	13.77	13.79	15.2	0
20	16QAM	1	49	13.87	13.94	13.86		
20	16QAM	1	99	13.92	13.95	13.87		
20	16QAM	50	0	13.89	13.96	13.88	15.2	0
20	16QAM	50	24	13.99	14.03	14.00		
20	16QAM	50	50	14.01	13.88	13.95		
20	16QAM	100	0	13.97	13.99	13.86		
20	64QAM	1	0	13.77	13.93	13.84	15.2	0
20	64QAM	1	49	13.96	13.88	13.98		
20	64QAM	1	99	13.97	13.98	13.95		
20	64QAM	50	0	13.91	13.93	13.85	15.2	0
20	64QAM	50	24	14.00	14.05	14.02		
20	64QAM	50	50	14.00	14.07	13.98		
20	64QAM	100	0	13.99	13.94	13.90		
20	256QAM	1	0	13.75	13.92	13.75	15.2	0
20	256QAM	1	49	13.85	13.74	13.85		
20	256QAM	1	99	13.93	13.89	13.94		
20	256QAM	50	0	13.78	13.94	13.91	15.2	0
20	256QAM	50	24	13.83	13.94	13.84		
20	256QAM	50	50	13.86	13.91	13.87		
20	256QAM	100	0	14.02	13.90	13.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.95	14.12	14.02	15.2	0
15	QPSK	1	37	14.05	13.96	13.88		
15	QPSK	1	74	14.04	14.02	13.97		
15	QPSK	36	0	13.90	14.07	13.85	15.2	0
15	QPSK	36	20	13.98	13.99	13.98		
15	QPSK	36	39	14.00	13.87	13.95		
15	QPSK	75	0	13.95	14.03	13.82		
15	16QAM	1	0	13.66	13.74	13.78	15.2	0
15	16QAM	1	37	13.85	13.90	13.82		
15	16QAM	1	74	13.89	13.91	13.84		
15	16QAM	36	0	13.84	13.94	13.86	15.2	0
15	16QAM	36	20	13.96	13.99	13.98		
15	16QAM	36	39	13.99	13.84	13.91		
15	16QAM	75	0	13.94	13.97	13.83		
15	64QAM	1	0	13.75	13.92	13.82	15.2	0
15	64QAM	1	37	13.93	13.84	13.94		
15	64QAM	1	74	13.95	13.96	13.91		
15	64QAM	36	0	13.88	13.90	13.80	15.2	0
15	64QAM	36	20	13.97	14.04	14.01		
15	64QAM	36	39	13.96	14.05	13.94		
15	64QAM	75	0	13.96	13.90	13.88		
15	256QAM	1	0	13.72	13.90	13.72	15.2	0
15	256QAM	1	37	13.82	13.70	13.82		
15	256QAM	1	74	13.90	13.87	13.90		
15	256QAM	36	0	13.75	13.92	13.88	15.2	0
15	256QAM	36	20	13.79	13.90	13.80		
15	256QAM	36	39	13.82	13.88	13.82		
15	256QAM	75	0	13.98	13.87	13.86		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.96	14.08	14.04	15.2	0
10	QPSK	1	25	14.06	13.99	13.87		
10	QPSK	1	49	14.04	14.02	13.96		
10	QPSK	25	0	13.87	14.04	13.86	15.2	0
10	QPSK	25	12	13.96	13.99	13.99		
10	QPSK	25	25	14.03	13.90	13.95		
10	QPSK	50	0	13.95	14.05	13.78		
10	16QAM	1	0	13.70	13.75	13.74	15.2	0
10	16QAM	1	25	13.84	13.89	13.84		
10	16QAM	1	49	13.90	13.92	13.83		
10	16QAM	25	0	13.85	13.92	13.86	15.2	0
10	16QAM	25	12	13.96	14.01	13.97		
10	16QAM	25	25	13.98	13.83	13.90		
10	16QAM	50	0	13.93	13.95	13.81		
10	64QAM	1	0	13.76	13.90	13.81	15.2	0
10	64QAM	1	25	13.92	13.85	13.95		
10	64QAM	1	49	13.95	13.97	13.94		
10	64QAM	25	0	13.89	13.89	13.83	15.2	0
10	64QAM	25	12	13.97	14.00	13.98		
10	64QAM	25	25	13.99	14.04	13.95		
10	64QAM	50	0	13.97	13.93	13.86		
10	256QAM	1	0	13.72	13.89	13.72	15.2	0
10	256QAM	1	25	13.84	13.70	13.82		
10	256QAM	1	49	13.89	13.87	13.89		
10	256QAM	25	0	13.75	13.92	13.88	15.2	0
10	256QAM	25	12	13.82	13.91	13.80		
10	256QAM	25	25	13.83	13.89	13.82		
10	256QAM	50	0	13.98	13.88	13.86		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.97	14.10	14.01	15.2	0
5	QPSK	1	12	14.05	13.99	13.87		
5	QPSK	1	24	14.01	14.05	13.97		
5	QPSK	12	0	13.89	14.06	13.86	15.2	0
5	QPSK	12	7	13.97	13.97	13.96		
5	QPSK	12	13	14.03	13.88	13.94		
5	QPSK	25	0	13.96	14.05	13.81		
5	16QAM	1	0	13.68	13.73	13.74	15.2	0
5	16QAM	1	12	13.83	13.91	13.85		
5	16QAM	1	24	13.91	13.90	13.84		
5	16QAM	12	0	13.87	13.93	13.86	15.2	0
5	16QAM	12	7	13.96	13.99	13.97		
5	16QAM	12	13	13.99	13.85	13.90		
5	16QAM	25	0	13.93	13.97	13.82		
5	64QAM	1	0	13.73	13.89	13.80	15.2	0
5	64QAM	1	12	13.91	13.85	13.96		
5	64QAM	1	24	13.94	13.96	13.92		
5	64QAM	12	0	13.87	13.88	13.80	15.2	0
5	64QAM	12	7	13.95	14.01	13.99		
5	64QAM	12	13	13.96	14.02	13.97		
5	64QAM	25	0	13.95	13.89	13.86		
5	256QAM	1	0	13.72	13.88	13.73	15.2	0
5	256QAM	1	12	13.84	13.72	13.84		
5	256QAM	1	24	13.89	13.86	13.89		
5	256QAM	12	0	13.75	13.93	13.87	15.2	0
5	256QAM	12	7	13.82	13.89	13.81		
5	256QAM	12	13	13.82	13.89	13.84		
5	256QAM	25	0	14.00	13.86	13.86		

Band 12 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	22.68	22.93	22.76	23.5	0
10	QPSK	1	25	22.81	22.84	22.73		
10	QPSK	1	49	22.78	22.77	22.82		
10	QPSK	25	0	22.82	22.86	22.82	23.5	0
10	QPSK	25	12	22.85	22.84	22.78		
10	QPSK	25	25	22.82	22.83	22.83		
10	QPSK	50	0	22.76	22.83	22.71		
10	16QAM	1	0	22.61	22.80	22.65	23.5	0
10	16QAM	1	25	22.71	22.85	22.67		
10	16QAM	1	49	22.78	22.73	22.74		
10	16QAM	25	0	22.76	22.66	22.85	23.5	0
10	16QAM	25	12	22.83	22.78	22.76		
10	16QAM	25	25	22.83	22.79	22.78		
10	16QAM	50	0	22.74	22.80	22.64		
10	64QAM	1	0	22.64	22.87	22.61	23.5	0
10	64QAM	1	25	22.77	22.77	22.65		
10	64QAM	1	49	22.73	22.70	22.74		
10	64QAM	25	0	22.83	22.69	22.81	23.5	0
10	64QAM	25	12	22.74	22.80	22.73		
10	64QAM	25	25	22.74	22.77	22.78		
10	64QAM	50	0	22.65	22.79	22.64		
10	256QAM	1	0	19.09	19.38	19.08	20	3.5
10	256QAM	1	25	18.95	19.23	19.18		
10	256QAM	1	49	19.28	19.24	18.92		
10	256QAM	25	0	19.40	19.38	19.42	20	3.5
10	256QAM	25	12	19.48	19.44	19.36		
10	256QAM	25	25	19.27	19.11	19.17		
10	256QAM	50	0	19.16	18.96	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.62	22.79	22.68	23.5	0
5	QPSK	1	12	22.78	22.77	22.74		
5	QPSK	1	24	22.73	22.62	22.75		
5	QPSK	12	0	22.83	22.66	22.82	23.5	0
5	QPSK	12	7	22.74	22.77	22.70		
5	QPSK	12	13	22.73	22.75	22.73		
5	QPSK	25	0	22.66	22.79	22.71		
5	16QAM	1	0	22.53	22.67	22.64	23.5	0
5	16QAM	1	12	22.66	22.76	22.66		
5	16QAM	1	24	22.70	22.71	22.70		
5	16QAM	12	0	22.72	22.59	22.85	23.5	0
5	16QAM	12	7	22.76	22.79	22.69		
5	16QAM	12	13	22.73	22.69	22.68		
5	16QAM	25	0	22.59	22.74	22.61		
5	64QAM	1	0	22.56	22.83	22.58	23.5	0
5	64QAM	1	12	22.74	22.71	22.60		
5	64QAM	1	24	22.65	22.63	22.69		
5	64QAM	12	0	22.82	22.70	22.74	23.5	0
5	64QAM	12	7	22.65	22.81	22.66		
5	64QAM	12	13	22.72	22.73	22.65		
5	64QAM	25	0	22.62	22.71	22.62		
5	256QAM	1	0	18.99	19.32	19.19	20	3.5
5	256QAM	1	12	18.90	18.93	19.21		
5	256QAM	1	24	19.18	18.97	18.92		
5	256QAM	12	0	19.08	19.37	19.11	20	3.5
5	256QAM	12	7	19.35	19.36	19.29		
5	256QAM	12	13	19.18	19.30	18.99		
5	256QAM	25	0	19.10	18.74	18.72		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.77	22.68	23.5	0
3	QPSK	1	8	22.81	22.78	22.72		
3	QPSK	1	14	22.71	22.73	22.76		
3	QPSK	8	0	22.77	22.71	22.76	23.5	0
3	QPSK	8	4	22.76	22.85	22.74		
3	QPSK	8	7	22.78	22.74	22.78		
3	QPSK	15	0	22.67	22.87	22.66		
3	16QAM	1	0	22.57	22.74	22.66	23.5	0
3	16QAM	1	8	22.71	22.71	22.59		
3	16QAM	1	14	22.78	22.76	22.75		
3	16QAM	8	0	22.73	22.65	22.87	23.5	0
3	16QAM	8	4	22.70	22.73	22.74		
3	16QAM	8	7	22.82	22.78	22.73		
3	16QAM	15	0	22.67	22.69	22.61		
3	64QAM	1	0	22.52	22.88	22.59	23.5	0
3	64QAM	1	8	22.67	22.71	22.65		
3	64QAM	1	14	22.68	22.70	22.77		
3	64QAM	8	0	22.75	22.57	22.81	23.5	0
3	64QAM	8	4	22.68	22.81	22.70		
3	64QAM	8	7	22.67	22.69	22.78		
3	64QAM	15	0	22.59	22.74	22.56		
3	256QAM	1	0	19.13	18.98	19.16	20	3.5
3	256QAM	1	8	18.77	18.94	19.11		
3	256QAM	1	14	19.01	19.13	18.87		
3	256QAM	8	0	19.43	19.27	19.32	20	3.5
3	256QAM	8	4	19.27	19.37	19.37		
3	256QAM	8	7	19.18	19.09	19.24		
3	256QAM	15	0	19.15	18.66	18.84		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.51	22.81	22.62	23.5	0
1.4	QPSK	1	3	22.71	22.78	22.64		
1.4	QPSK	1	5	22.69	22.71	22.70		
1.4	QPSK	3	0	22.79	22.66	22.73	23.5	0
1.4	QPSK	3	1	22.70	22.79	22.67		
1.4	QPSK	3	3	22.76	22.73	22.73		
1.4	QPSK	6	0	22.72	22.83	22.58		
1.4	16QAM	1	0	22.56	22.71	22.55	23.5	0
1.4	16QAM	1	3	22.74	22.73	22.55		
1.4	16QAM	1	5	22.64	22.68	22.64		
1.4	16QAM	3	0	22.77	22.62	22.82	23.5	0
1.4	16QAM	3	1	22.79	22.66	22.63		
1.4	16QAM	3	3	22.78	22.67	22.65		
1.4	16QAM	6	0	22.64	22.73	22.61		
1.4	64QAM	1	0	22.54	22.74	22.60	23.5	0
1.4	64QAM	1	3	22.69	22.62	22.59		
1.4	64QAM	1	5	22.61	22.58	22.68		
1.4	64QAM	3	0	22.73	22.60	22.75	23.5	0
1.4	64QAM	3	1	22.65	22.77	22.72		
1.4	64QAM	3	3	22.63	22.64	22.71		
1.4	64QAM	6	0	22.58	22.71	22.58		
1.4	256QAM	1	0	19.10	19.16	18.99	20	3.5
1.4	256QAM	1	3	18.94	18.94	19.29		
1.4	256QAM	1	5	18.97	19.36	18.90		
1.4	256QAM	3	0	19.18	19.28	19.22	20	3.5
1.4	256QAM	3	1	19.22	19.08	19.19		
1.4	256QAM	3	3	19.11	19.22	19.26		
1.4	256QAM	6	0	19.37	18.90	19.26		

Band 17 Ant0 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23820		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.48	22.88	22.49	23.5	0
10	QPSK	1	25	22.42	22.49	22.43		
10	QPSK	1	49	22.42	22.41	22.38		
10	QPSK	25	0	22.48	22.69	22.48	23.5	0
10	QPSK	25	12	22.43	22.51	22.54		
10	QPSK	25	25	22.49	22.48	22.40		
10	QPSK	50	0	22.47	22.62	22.55		
10	16QAM	1	0	22.74	22.82	22.84	23.5	0
10	16QAM	1	25	22.65	22.76	22.57		
10	16QAM	1	49	22.81	22.79	22.71		
10	16QAM	25	0	22.16	22.21	22.15	23.5	0
10	16QAM	25	12	22.31	22.23	22.27		
10	16QAM	25	25	22.29	22.23	22.15		
10	16QAM	50	0	22.18	22.28	22.26		
10	64QAM	1	0	22.72	22.59	22.68	23.5	0
10	64QAM	1	25	22.63	22.50	22.56		
10	64QAM	1	49	22.59	22.25	22.62		
10	64QAM	25	0	22.18	22.13	22.22	23.5	0
10	64QAM	25	12	22.28	22.14	22.32		
10	64QAM	25	25	22.28	22.18	22.19		
10	64QAM	50	0	22.08	22.27	22.29		
10	256QAM	1	0	18.76	19.04	18.71	20	3.5
10	256QAM	1	25	18.65	18.65	19.00		
10	256QAM	1	49	18.63	18.58	18.64		
10	256QAM	25	0	18.79	18.73	18.82	20	3.5
10	256QAM	25	12	19.04	18.86	18.82		
10	256QAM	25	25	18.66	18.70	18.75		
10	256QAM	50	0	18.92	19.05	18.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.56	22.45	22.52	23.5	0
5	QPSK	1	12	22.58	22.64	22.51		
5	QPSK	1	24	22.45	22.26	22.30		
5	QPSK	12	0	22.59	22.52	22.53	23.5	0
5	QPSK	12	7	22.63	22.58	22.51		
5	QPSK	12	13	22.52	22.50	22.42		
5	QPSK	25	0	22.54	22.56	22.45		
5	16QAM	1	0	22.76	22.78	22.79	23.5	0
5	16QAM	1	12	22.65	22.53	22.76		
5	16QAM	1	24	22.72	22.71	22.76		
5	16QAM	12	0	22.35	22.30	22.43	23.5	0
5	16QAM	12	7	22.37	22.27	22.30		
5	16QAM	12	13	22.23	22.24	22.21		
5	16QAM	25	0	22.31	22.18	22.23		
5	64QAM	1	0	22.64	22.74	22.59	23.5	0
5	64QAM	1	12	22.52	22.54	22.65		
5	64QAM	1	24	22.54	22.59	22.73		
5	64QAM	12	0	22.36	22.16	22.22	23.5	0
5	64QAM	12	7	22.17	22.18	22.22		
5	64QAM	12	13	22.22	22.21	22.21		
5	64QAM	25	0	22.21	22.13	22.19		
5	256QAM	1	0	18.62	18.80	18.74	20	3.5
5	256QAM	1	12	18.65	18.77	18.96		
5	256QAM	1	24	18.99	18.73	19.11		
5	256QAM	12	0	18.91	18.84	18.93	20	3.5
5	256QAM	12	7	19.06	18.93	19.09		
5	256QAM	12	13	18.63	18.73	18.63		
5	256QAM	25	0	18.76	18.57	18.50		

Band 25 Ant0 DSI3 Simultaneous Power

BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	14.68	14.79	14.71	15.8	0
20	QPSK	1	49	14.51	14.63	14.60		
20	QPSK	1	99	14.56	14.60	14.50		
20	QPSK	50	0	14.64	14.65	14.51		
20	QPSK	50	24	14.48	14.63	14.40		
20	QPSK	50	50	14.59	14.62	14.53		
20	QPSK	100	0	14.50	14.57	14.52		
20	16QAM	1	0	14.52	14.47	14.53		
20	16QAM	1	49	14.47	14.49	14.56		
20	16QAM	1	99	14.29	14.31	14.46		
20	16QAM	50	0	14.33	14.41	14.45		
20	16QAM	50	24	14.39	14.40	14.44		
20	16QAM	50	50	14.45	14.34	14.52		
20	16QAM	100	0	14.38	14.53	14.53		
20	64QAM	1	0	14.46	14.57	14.56		
20	64QAM	1	49	14.44	14.55	14.39		
20	64QAM	1	99	14.39	14.46	14.50		
20	64QAM	50	0	14.51	14.39	14.46		
20	64QAM	50	24	14.52	14.56	14.40		
20	64QAM	50	50	14.50	14.39	14.52		
20	64QAM	100	0	14.45	14.40	14.51		
20	256QAM	1	0	14.32	14.45	14.44		
20	256QAM	1	49	14.44	14.39	14.56		
20	256QAM	1	99	14.24	14.30	14.33		
20	256QAM	50	0	14.52	14.42	14.52		
20	256QAM	50	24	14.41	14.48	14.54		
20	256QAM	50	50	14.58	14.53	14.45		
20	256QAM	100	0	14.51	14.47	14.42		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.68	14.68	14.53	15.8	0
15	QPSK	1	37	14.52	14.60	14.57		
15	QPSK	1	74	14.54	14.60	14.49		
15	QPSK	36	0	14.64	14.67	14.54		
15	QPSK	36	20	14.45	14.63	14.40		
15	QPSK	36	39	14.60	14.59	14.51		
15	QPSK	75	0	14.50	14.60	14.54		
15	16QAM	1	0	14.52	14.45	14.51		
15	16QAM	1	37	14.49	14.47	14.57		
15	16QAM	1	74	14.27	14.46	14.46		
15	16QAM	36	0	14.35	14.43	14.44		
15	16QAM	36	20	14.39	14.40	14.44		
15	16QAM	36	39	14.46	14.37	14.51		
15	16QAM	75	0	14.40	14.52	14.52		
15	64QAM	1	0	14.48	14.54	14.57		
15	64QAM	1	37	14.41	14.54	14.38		
15	64QAM	1	74	14.39	14.43	14.49		
15	64QAM	36	0	14.50	14.37	14.45		
15	64QAM	36	20	14.51	14.56	14.37		
15	64QAM	36	39	14.53	14.37	14.51		
15	64QAM	75	0	14.44	14.43	14.50		
15	256QAM	1	0	14.31	14.45	14.47		
15	256QAM	1	37	14.42	14.41	14.54		
15	256QAM	1	74	14.27	14.32	14.35		
15	256QAM	36	0	14.51	14.44	14.52		
15	256QAM	36	20	14.43	14.47	14.56		
15	256QAM	36	39	14.57	14.51	14.47		
15	256QAM	75	0	14.50	14.45	14.42		
Channel				26090	26340	26640		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.68	14.67	14.53	15.8	0
10	QPSK	1	25	14.51	14.61	14.61		
10	QPSK	1	49	14.54	14.58	14.49		
10	QPSK	25	0	14.65	14.64	14.54		
10	QPSK	25	12	14.46	14.63	14.42		
10	QPSK	25	25	14.58	14.61	14.53		
10	QPSK	50	0	14.50	14.58	14.53		
10	16QAM	1	0	14.50	14.49	14.52		
10	16QAM	1	25	14.48	14.47	14.57		
10	16QAM	1	49	14.29	14.27	14.44		
10	16QAM	25	0	14.36	14.40	14.44		
10	16QAM	25	12	14.38	14.41	14.44		
10	16QAM	25	25	14.45	14.35	14.50		
10	16QAM	50	0	14.39	14.51	14.51		
10	64QAM	1	0	14.47	14.55	14.57		
10	64QAM	1	25	14.41	14.55	14.37		
10	64QAM	1	49	14.40	14.46	14.50		
10	64QAM	25	0	14.49	14.39	14.46		
10	64QAM	25	12	14.49	14.55	14.37		
10	64QAM	25	25	14.51	14.41	14.52		
10	64QAM	50	0	14.47	14.44	14.51		
10	256QAM	1	0	14.29	14.42	14.45		
10	256QAM	1	25	14.41	14.42	14.56		
10	256QAM	1	49	14.26	14.31	14.33		
10	256QAM	25	0	14.50	14.42	14.52		
10	256QAM	25	12	14.43	14.48	14.55		
10	256QAM	25	25	14.57	14.53	14.47		
10	256QAM	50	0	14.52	14.44	14.43		
Channel				26065	26340	26665		
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.66	14.66	14.52	15.8	0
5	QPSK	1	12	14.49	14.62	14.60		
5	QPSK	1	24	14.52	14.59	14.49		
5	QPSK	12	0	14.64	14.65	14.54		
5	QPSK	12	7	14.47	14.64	14.41		
5	QPSK	12	13	14.61	14.61	14.52		
5	QPSK	25	0	14.51	14.59	14.53		
5	16QAM	1	0	14.53	14.45	14.50		
5	16QAM	1	12	14.48	14.50	14.55		
5	16QAM	1	24	14.30	14.28	14.46		
5	16QAM	12	0	14.35	14.40	14.44		
5	16QAM	12	7	14.41	14.41	14.45		
5	16QAM	12	13	14.46	14.37	14.51		
5	16QAM	25	0	14.39	14.52	14.51		
5	64QAM	1	0	14.47	14.55	14.59		
5	64QAM	1	12	14.43	14.55	14.39		
5	64QAM	1	24	14.40	14.46	14.50		
5	64QAM	12	0	14.50	14.36	14.44		
5	64QAM	12	7	14.50	14.54	14.37		
5	64QAM	12	13	14.54	14.40	14.51		
5	64QAM	25	0	14.45	14.42	14.50		
5	256QAM	1	0	14.31	14.43	14.47		
5	256QAM	1	12	14.43	14.39	14.55		
5	256QAM	1	24	14.27	14.28	14.34		
5	256QAM	12	0	14.51	14.43	14.53		
5	256QAM	12	7	14.41	14.50	14.54		
5	256QAM	12	13	14.56	14.52	14.44		
5	256QAM	25	0	14.54	14.46	14.41		
Channel				26015	26340	26675		
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.66	14.69	14.52	15.8	0
3	QPSK	1	8	14.51	14.61	14.58		
3	QPSK	1	14	14.54	14.57	14.48		
3	QPSK	8	0	14.64	14.64	14.54		
3	QPSK	8	4	14.44	14.63	14.42		
3	QPSK	8	7	14.60	14.61	14.51		
3	QPSK	15	0	14.52	14.57	14.53		
3	16QAM	1	0	14.53	14.46	14.50		
3	16QAM	1	8	14.48	14.50	14.58		
3	16QAM	1	14	14.28	14.28	14.46		
3	16QAM	8	0	14.35	14.41	14.43		
3	16QAM	8	4	14.37	14.39	14.45		
3	16QAM	8	7	14.45	14.36	14.54		
3	16QAM	15	0	14.39	14.52	14.51		
3	64QAM	1	0	14.48	14.54	14.56		
3	64QAM	1	8	14.42	14.56	14.41		
3	64QAM	1	14	14.39	14.46	14.53		
3	64QAM	8	0	14.49	14.37	14.44		
3	64QAM	8	4	14.51	14.56	14.40		
3	64QAM	8	7	14.52	14.39	14.52		
3	64QAM	15	0	14.46	14.41	14.50		
3	256QAM	1	0	14.30	14.42	14.46		
3	256QAM	1	8	14.44	14.40	14.56		
3	256QAM	1	14	14.26	14.28	14.34		
3	256QAM	8	0	14.53	14.45	14.54		
3	256QAM	8	4	14.44	14.48	14.53		
3	256QAM	8	7	14.56	14.49	14.47		
3	256QAM	15	0	14.53	14.48	14.39		
Channel				26047	26340	26633		
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.69	14.69	14.52	15.8	0
1.4	QPSK	1	3	14.49	14.61	14.57		
1.4	QPSK	1	5	14.53	14.58	14.51		
1.4	QPSK	3	0	14.65	14.67	14.52		
1.4	QPSK	3	1	14.47	14.64	14.42		
1.4	QPSK	3	3	14.59	14.63	14.53		
1.4	QPSK	6	0	14.52	14.59	14.51	15.8	0
1.4	16QAM	1	0	14.52	14.47	14.53	15.8	0
1.4	16QAM	1	3	14.46	14.50	14.57		
1.4	16QAM	1	5	14.28	14.28	14.45		
1.4	16QAM	3	0	14.35	14.40	14.42		
1.4	16QAM	3	1	14.37	14.40	14.41		
1.4	16QAM	3	3	14.46	14.36	14.51		
1.4	16QAM	6	0	14.38	14.53	14.51	15.8	0
1.4	64QAM	1	0	14.45	14.54	14.56	15.8	0
1.4	64QAM	1	3	14.41	14.55	14.41		
1.4	64QAM	1	5	14.40	14.44	14.50		
1.4	64QAM	3	0	14.49	14.36	14.46		
1.4	64QAM	3	1	14.52	14.57	14.37		
1.4	64QAM	3	3	14.52	14.38	14.50		
1.4	64QAM	6	0	14.47	14.42	14.50	15.8	0
1.4	256QAM	1	0	14.30	14.45	14.47	15.8	0
1.4	256QAM	1	3	14.41	14.41	14.55		
1.4	256QAM	1	5	14.27	14.28	14.31		
1.4	256QAM	3	0	14.54	14.42	14.51		
1.4	256QAM	3	1	14.41	14.47	14.54		
1.4	256QAM	3	3	14.57	14.52	14.47		
1.4	256QAM	6	0	14.54	14.46	14.39	15.8	0

Band 26 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	21.43	21.64	21.59	23	0
15	QPSK	1	37	21.53	21.58	21.55		
15	QPSK	1	74	21.44	21.51	21.52		
15	QPSK	36	0	21.51	21.57	21.56		
15	QPSK	36	20	21.55	21.46	21.40		
15	QPSK	36	39	21.55	21.55	21.45		
15	QPSK	75	0	21.49	21.59	21.45		
15	16QAM	1	0	21.45	21.41	21.39		
15	16QAM	1	37	21.49	21.56	21.44		
15	16QAM	1	74	21.46	21.22	21.36		
15	16QAM	36	0	21.41	21.45	21.48		
15	16QAM	36	20	21.45	21.49	21.54		
15	16QAM	36	39	21.53	21.41	21.32		
15	16QAM	75	0	21.52	21.48	21.37		
15	64QAM	1	0	21.42	21.54	21.43		
15	64QAM	1	37	21.39	21.34	21.35		
15	64QAM	1	74	21.45	21.53	21.36		
15	64QAM	36	0	21.01	21.15	21.07		
15	64QAM	36	20	21.12	20.89	21.11	22.5	0.5
15	64QAM	36	39	21.12	21.06	20.98		
15	64QAM	75	0	21.06	21.05	21.10		
15	256QAM	1	0	18.57	18.70	18.36		
15	256QAM	1	37	18.77	18.56	18.78	20	3
15	256QAM	1	74	18.43	18.84	18.69		
15	256QAM	36	0	18.60	18.65	18.79		
15	256QAM	36	20	18.78	18.74	18.90	20	3
15	256QAM	36	39	18.93	19.01	19.08		
15	256QAM	75	0	18.84	18.88	18.83		
Channel				26740	26865	26990		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.41	21.62	21.54	23	0
10	QPSK	1	25	21.46	21.55	21.52		
10	QPSK	1	49	21.40	21.48	21.47		
10	QPSK	25	0	21.44	21.51	21.49		
10	QPSK	25	12	21.52	21.39	21.35	23	0
10	QPSK	25	25	21.48	21.51	21.38		
10	QPSK	50	0	21.45	21.54	21.43		
10	16QAM	1	0	21.42	21.36	21.36		
10	16QAM	1	25	21.43	21.53	21.42	23	0
10	16QAM	1	49	21.38	21.17	21.32		
10	16QAM	25	0	21.38	21.37	21.43		
10	16QAM	25	12	21.39	21.44	21.50	23	0
10	16QAM	25	25	21.49	21.36	21.24		
10	16QAM	50	0	21.50	21.51	21.31		
10	64QAM	1	0	21.35	21.51	21.37		
10	64QAM	1	25	21.33	21.28	21.31	23	0
10	64QAM	1	49	21.38	21.46	21.31		
10	64QAM	25	0	20.97	21.09	21.03		
10	64QAM	25	12	21.06	20.85	21.07	22.5	0.5
10	64QAM	25	25	21.04	21.04	20.91		
10	64QAM	50	0	21.01	21.00	21.05		
10	256QAM	1	0	18.58	18.58	18.62		
10	256QAM	1	25	18.66	18.49	18.93	20	3
10	256QAM	1	49	18.61	18.80	18.68		
10	256QAM	25	0	18.54	18.58	18.55		
10	256QAM	25	12	18.66	18.64	18.94	20	3
10	256QAM	25	25	18.94	18.89	19.01		
10	256QAM	50	0	18.73	18.69	18.63		
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.40	21.60	21.52	23	0
5	QPSK	1	12	21.48	21.52	21.52		
5	QPSK	1	24	21.42	21.44	21.50		
5	QPSK	12	0	21.46	21.55	21.51		
5	QPSK	12	7	21.52	21.39	21.33	23	0
5	QPSK	12	13	21.53	21.48	21.38		
5	QPSK	25	0	21.42	21.53	21.42		
5	16QAM	1	0	21.39	21.35	21.34		
5	16QAM	1	12	21.43	21.49	21.39	23	0
5	16QAM	1	24	21.39	21.18	21.28		
5	16QAM	12	0	21.35	21.41	21.46		
5	16QAM	12	7	21.40	21.46	21.47	23	0
5	16QAM	12	13	21.49	21.35	21.24		
5	16QAM	25	0	21.50	21.42	21.32		
5	64QAM	1	0	21.39	21.46	21.40		
5	64QAM	1	12	21.32	21.30	21.33	23	0
5	64QAM	1	24	21.43	21.49	21.29		
5	64QAM	12	0	20.95	21.09	21.02		
5	64QAM	12	7	21.09	20.83	21.09	22.5	0.5
5	64QAM	12	13	21.04	21.00	20.91		
5	64QAM	25	0	21.01	21.01	21.06		
5	256QAM	1	0	18.57	18.52	18.37		
5	256QAM	1	12	18.70	18.48	18.72	20	3
5	256QAM	1	24	18.33	18.58	18.66		
5	256QAM	12	0	18.76	18.66	18.71		
5	256QAM	12	7	18.55	18.57	18.93	20	3
5	256QAM	12	13	18.72	18.86	19.01		
5	256QAM	25	0	18.49	18.73	18.74		
Channel				26705	26865	27025		
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.37	21.62	21.52	23	0
3	QPSK	1	8	21.50	21.51	21.51		
3	QPSK	1	14	21.42	21.49	21.47		
3	QPSK	8	0	21.46	21.53	21.50	23	0
3	QPSK	8	4	21.49	21.40	21.34		
3	QPSK	8	7	21.51	21.50	21.39		
3	QPSK	15	0	21.46	21.53	21.40		
3	16QAM	1	0	21.38	21.38	21.31	23	0
3	16QAM	1	8	21.42	21.48	21.39		
3	16QAM	1	14	21.41	21.19	21.29		
3	16QAM	8	0	21.34	21.37	21.45	23	0
3	16QAM	8	4	21.37	21.44	21.49		
3	16QAM	8	7	21.34	21.25	21.34		
3	16QAM	15	0	21.45	21.43	21.34		
3	64QAM	1	0	21.38	21.47	21.41	23	0
3	64QAM	1	8	21.32	21.27	21.32		
3	64QAM	1	14	21.29	21.48	21.30		
3	64QAM	8	0	20.98	21.07	20.99	22.5	0.5
3	64QAM	8	4	21.09	20.87	21.08		
3	64QAM	8	7	21.10	21.04	20.90		
3	64QAM	15	0	20.98	21.02	21.05		
3	256QAM	1	0	18.66	18.47	18.53	20	3
3	256QAM	1	8	18.72	18.41	18.66		
3	256QAM	1	14	18.44	18.60	18.54		
3	256QAM	8	0	18.53	18.55	18.48	20	3
3	256QAM	8	4	18.64	18.69	18.96		
3	256QAM	8	7	18.98	18.78	18.89		
3	256QAM	15	0	18.60	18.66	18.73		
Channel				26697	26865	27033		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.38	21.57	21.56	23	0
1.4	QPSK	1	3	21.46	21.53	21.51		
1.4	QPSK	1	5	21.39	21.43	21.45		
1.4	QPSK	3	0	21.48	21.53	21.51		
1.4	QPSK	3	1	21.50	21.42	21.35	23	0
1.4	QPSK	3	3	21.50	21.48	21.38		
1.4	QPSK	6	0	21.45	21.52	21.42		
1.4	16QAM	1	0	21.40	21.38	21.32		
1.4	16QAM	1	3	21.47	21.48	21.41	23	0
1.4	16QAM	1	5	21.43	21.14	21.32		
1.4	16QAM	3	0	21.33	21.38	21.41		
1.4	16QAM	3	1	21.43	21.46	21.47	23	0
1.4	16QAM	3	3	21.46	21.37	21.26		
1.4	16QAM	6	0	21.47	21.42	21.32		
1.4	64QAM	1	0	21.34	21.50	21.41	23	0
1.4	64QAM	1	3	21.34	21.27	21.29		
1.4	64QAM	1	5	21.42	21.50	21.31		
1.4	64QAM	3	0	21.34	21.49	21.36	22.5	0.5
1.4	64QAM	3	1	21.31	21.31	21.32		
1.4	64QAM	3	3	21.42	21.46	21.31		
1.4	64QAM	6	0	20.98	20.99	21.03		
1.4	256QAM	1	0	18.82	18.93	18.95	20	3
1.4	256QAM	1	3	18.83	18.77	18.82		
1.4	256QAM	1	5	18.76	18.90	18.95		
1.4	256QAM	3	0	18.82	19.10	19.07	20	3
1.4	256QAM	3	1	18.71	18.88	18.75		
1.4	256QAM	3	3	18.95	18.61	18.80		
1.4	256QAM	6	0	18.63	18.90	18.87		

Band 66 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	14.99	15.01	14.97	16.3	0
20	QPSK	1	49	14.90	14.85	14.96		
20	QPSK	1	99	14.82	14.87	14.88		
20	QPSK	50	0	14.83	14.98	14.76		
20	QPSK	50	24	14.92	14.84	14.75		
20	QPSK	50	50	14.87	14.74	14.66		
20	QPSK	100	0	14.88	14.93	14.71		
20	16QAM	1	0	14.90	14.88	14.73		
20	16QAM	1	49	14.89	14.86	14.71		
20	16QAM	1	99	14.67	14.73	14.82		
20	16QAM	50	0	14.82	14.88	14.77		
20	16QAM	50	24	14.90	14.87	14.75		
20	16QAM	50	50	14.83	14.75	14.64		
20	16QAM	100	0	14.88	14.81	14.74		
20	64QAM	1	0	14.76	14.89	14.92		
20	64QAM	1	49	14.91	14.83	14.84		
20	64QAM	1	99	14.80	14.84	14.75		
20	64QAM	50	0	14.83	14.86	14.75		
20	64QAM	50	24	14.85	14.82	14.77		
20	64QAM	50	50	14.87	14.70	14.64		
20	64QAM	100	0	14.86	14.80	14.72		
20	256QAM	1	0	14.81	14.85	14.84		
20	256QAM	1	49	14.87	14.81	14.77		
20	256QAM	1	99	14.81	14.76	14.59		
20	256QAM	50	0	14.72	14.76	14.67		
20	256QAM	50	24	14.89	14.73	14.62		
20	256QAM	50	50	14.81	14.68	14.61		
20	256QAM	100	0	14.74	14.64	14.57		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.86	14.94	14.84	16.3	0
15	QPSK	1	37	14.83	14.79	14.84		
15	QPSK	1	74	14.76	14.78	14.82		
15	QPSK	36	0	14.70	14.84	14.63		
15	QPSK	36	20	14.79	14.80	14.68		
15	QPSK	36	39	14.75	14.69	14.58		
15	QPSK	75	0	14.74	14.86	14.69		
15	16QAM	1	0	14.80	14.75	14.64		
15	16QAM	1	37	14.79	14.75	14.57		
15	16QAM	1	74	14.52	14.68	14.69		
15	16QAM	36	0	14.77	14.76	14.72		
15	16QAM	36	20	14.80	14.84	14.72		
15	16QAM	36	39	14.67	14.65	14.51		
15	16QAM	75	0	14.82	14.68	14.71		
15	64QAM	1	0	14.65	14.78	14.89		
15	64QAM	1	37	14.77	14.75	14.79		
15	64QAM	1	74	14.74	14.77	14.61		
15	64QAM	36	0	14.77	14.81	14.63		
15	64QAM	36	20	14.60	14.73	14.69		
15	64QAM	36	39	14.72	14.57	14.54		
15	64QAM	75	0	14.72	14.66	14.66		
15	256QAM	1	0	14.79	14.75	14.73		
15	256QAM	1	37	14.75	14.74	14.83		
15	256QAM	1	74	14.73	14.64	14.53		
15	256QAM	36	0	14.67

Band 38 Ant0 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.56	16.75	16.68	17.8	0
20	QPSK	1	49	16.69	16.64	16.50		
20	QPSK	1	99	16.57	16.68	16.66		
20	QPSK	50	0	16.51	16.68	16.59	17.8	0
20	QPSK	50	24	16.68	16.63	16.67		
20	QPSK	50	50	16.66	16.64	16.58		
20	QPSK	100	0	16.61	16.66	16.54		
20	16QAM	1	0	16.56	16.49	16.57	17.8	0
20	16QAM	1	49	16.58	16.64	16.65		
20	16QAM	1	99	16.61	16.63	16.59		
20	16QAM	50	0	16.49	16.51	16.57	17.8	0
20	16QAM	50	24	16.62	16.59	16.61		
20	16QAM	50	50	16.61	16.64	16.58		
20	16QAM	100	0	16.60	16.61	16.49		
20	64QAM	1	0	16.45	16.51	16.59	17.8	0
20	64QAM	1	49	16.64	16.62	16.61		
20	64QAM	1	99	16.53	16.56	16.67		
20	64QAM	50	0	16.47	16.52	16.58	17.8	0
20	64QAM	50	24	16.62	16.56	16.49		
20	64QAM	50	50	16.62	16.63	16.47		
20	64QAM	100	0	16.59	16.60	16.66		
20	256QAM	1	0	16.33	16.42	16.50	17.8	0
20	256QAM	1	49	16.61	16.49	16.53		
20	256QAM	1	99	16.39	16.38	16.59		
20	256QAM	50	0	16.36	16.42	16.42	17.8	0
20	256QAM	50	24	16.50	16.45	16.37		
20	256QAM	50	50	16.56	16.49	16.33		
20	256QAM	100	0	16.44	16.47	16.51		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.58	16.72	16.68	17.8	0
15	QPSK	1	37	16.67	16.63	16.49		
15	QPSK	1	74	16.57	16.69	16.68		
15	QPSK	36	0	16.51	16.69	16.59	17.8	0
15	QPSK	36	20	16.68	16.61	16.68		
15	QPSK	36	39	16.65	16.66	16.57		
15	QPSK	75	0	16.65	16.66	16.55		
15	16QAM	1	0	16.53	16.53	16.59	17.8	0
15	16QAM	1	37	16.59	16.66	16.66		
15	16QAM	1	74	16.64	16.65	16.59		
15	16QAM	36	0	16.49	16.53	16.55	17.8	0
15	16QAM	36	20	16.62	16.60	16.61		
15	16QAM	36	39	16.63	16.64	16.57		
15	16QAM	75	0	16.60	16.60	16.48		
15	64QAM	1	0	16.43	16.52	16.59	17.8	0
15	64QAM	1	37	16.64	16.61	16.63		
15	64QAM	1	74	16.51	16.57	16.66		
15	64QAM	36	0	16.48	16.50	16.57	17.8	0
15	64QAM	36	20	16.64	16.56	16.51		
15	64QAM	36	39	16.64	16.60	16.50		
15	64QAM	75	0	16.58	16.60	16.66		
15	256QAM	1	0	16.36	16.41	16.54	17.8	0
15	256QAM	1	37	16.57	16.50	16.53		
15	256QAM	1	74	16.35	16.41	16.57		
15	256QAM	36	0	16.33	16.43	16.41	17.8	0
15	256QAM	36	20	16.50	16.47	16.37		
15	256QAM	36	39	16.57	16.50	16.32		
15	256QAM	75	0	16.45	16.45	16.52		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.59	16.71	16.66	17.8	0
10	QPSK	1	25	16.68	16.65	16.51		
10	QPSK	1	49	16.54	16.67	16.66		
10	QPSK	25	0	16.53	16.71	16.60	17.8	0
10	QPSK	25	12	16.70	16.62	16.66		
10	QPSK	25	25	16.66	16.67	16.59		
10	QPSK	50	0	16.64	16.67	16.54		
10	16QAM	1	0	16.53	16.49	16.58	17.8	0
10	16QAM	1	25	16.60	16.68	16.66		
10	16QAM	1	49	16.63	16.66	16.59		
10	16QAM	25	0	16.49	16.49	16.58	17.8	0
10	16QAM	25	12	16.64	16.58	16.62		
10	16QAM	25	25	16.62	16.62	16.57		
10	16QAM	50	0	16.60	16.64	16.46		
10	64QAM	1	0	16.43	16.51	16.57	17.8	0
10	64QAM	1	25	16.63	16.61	16.62		
10	64QAM	1	49	16.52	16.55	16.65		
10	64QAM	25	0	16.47	16.49	16.56	17.8	0
10	64QAM	25	12	16.64	16.57	16.62		
10	64QAM	25	25	16.63	16.59	16.49		
10	64QAM	50	0	16.59	16.62	16.65		
10	256QAM	1	0	16.36	16.41	16.51	17.8	0
10	256QAM	1	25	16.59	16.49	16.53		
10	256QAM	1	49	16.36	16.41	16.58		
10	256QAM	25	0	16.34	16.46	16.43	17.8	0
10	256QAM	25	12	16.51	16.47	16.34		
10	256QAM	25	25	16.54	16.52	16.33		
10	256QAM	50	0	16.45	16.45	16.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.57	16.73	16.66	17.8	0
5	QPSK	1	12	16.66	16.64	16.51		
5	QPSK	1	24	16.57	16.67	16.67		
5	QPSK	12	0	16.55	16.70	16.60	17.8	0
5	QPSK	12	7	16.68	16.62	16.68		
5	QPSK	12	13	16.66	16.65	16.57		
5	QPSK	25	0	16.62	16.66	16.53	17.8	0
5	16QAM	1	0	16.55	16.53	16.59		
5	16QAM	1	12	16.60	16.68	16.66		
5	16QAM	1	24	16.64	16.64	16.61		
5	16QAM	12	0	16.50	16.51	16.56	17.8	0
5	16QAM	12	7	16.63	16.58	16.61		
5	16QAM	12	13	16.62	16.62	16.59		
5	16QAM	25	0	16.60	16.62	16.48	17.8	0
5	64QAM	1	0	16.44	16.52	16.59		
5	64QAM	1	12	16.64	16.63	16.63		
5	64QAM	1	24	16.54	16.55	16.68		
5	64QAM	12	0	16.48	16.49	16.56	17.8	0
5	64QAM	12	7	16.63	16.56	16.50		
5	64QAM	12	13	16.62	16.60	16.48		
5	64QAM	25	0	16.59	16.63	16.64	17.8	0
5	256QAM	1	0	16.35	16.40	16.52		
5	256QAM	1	12	16.59	16.48	16.51		
5	256QAM	1	24	16.37	16.38	16.57		
5	256QAM	12	0	16.33	16.46	16.42	17.8	0
5	256QAM	12	7	16.49	16.46	16.36		
5	256QAM	12	13	16.54	16.49	16.31		
5	256QAM	25	0	16.44	16.46	16.52		

Band 38 PC2 Ant0 DSI3 Simultaneous Power

BW [MHz]	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	18.39	18.41	18.31	19.4	0
20	QPSK	1	49	18.08	18.18	18.30		
20	QPSK	1	99	18.26	18.10	18.17		
20	QPSK	50	0	18.38	18.39	18.29	19.4	0
20	QPSK	50	24	18.24	18.19	18.16		
20	QPSK	50	50	18.21	18.25	18.32		
20	QPSK	100	0	18.24	18.28	18.09		
20	16QAM	1	0	18.10	18.10	18.20	19.4	0
20	16QAM	1	49	18.28	18.29	18.25		
20	16QAM	1	99	18.25	18.26	18.05		
20	16QAM	50	0	18.13	18.13	18.26	19.4	0
20	16QAM	50	24	18.28	18.23	18.13		
20	16QAM	50	50	18.25	18.25	18.14		
20	16QAM	100	0	18.24	18.22	18.19		
20	64QAM	1	0	18.21	18.27	18.14	19.4	0
20	64QAM	1	49	18.15	18.07	18.08		
20	64QAM	1	99	18.23	18.29	18.12		
20	64QAM	50	0	18.12	18.18	18.18	19.4	0
20	64QAM	50	24	18.28	18.20	18.16		
20	64QAM	50	50	18.20	18.27	18.27		
20	64QAM	100	0	18.18	18.23	18.12		
20	256QAM	1	0	18.13	18.24	18.05	19.4	0
20	256QAM	1	49	18.05	17.89	17.94		
20	256QAM	1	99	18.13	18.22	17.99		
20	256QAM	50	0	18.07	18.03	18.08	19.4	0
20	256QAM	50	24	18.18	18.12	18.11		
20	256QAM	50	50	18.10	18.10	18.11		
20	256QAM	100	0	18.14	18.13	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.31	18.36	18.35	19.4	0
15	QPSK	1	37	18.07	18.17	18.28		
15	QPSK	1	74	18.24	18.06	18.14		
15	QPSK	36	0	18.06	18.28	18.16	19.4	0
15	QPSK	36	20	18.19	18.16	18.11		
15	QPSK	36	39	18.16	18.24	18.31		
15	QPSK	75	0	18.21	18.25	18.08		
15	16QAM	1	0	18.06	18.06	18.16	19.4	0
15	16QAM	1	37	18.24	18.27	18.21		
15	16QAM	1	74	18.20	18.24	18.03		
15	16QAM	36	0	18.08	18.10	18.23	19.4	0
15	16QAM	36	20	18.24	18.18	18.12		
15	16QAM	36	39	18.23	18.22	18.11		
15	16QAM	75	0	18.22	18.18	18.17		
15	64QAM	1	0	18.19	18.25	18.11	19.4	0
15	64QAM	1	37	18.12	18.06	18.05		
15	64QAM	1	74	18.20	18.24	18.09		
15	64QAM	36	0	18.10	18.15	18.16	19.4	0
15	64QAM	36	20	18.23	18.15	18.14		
15	64QAM	36	39	18.16	18.24	18.25		
15	64QAM	75	0	18.14	18.21	18.11		
15	256QAM	1	0	18.11	18.21	18.01	19.4	0
15	256QAM	1	37	18.04	17.87	17.92		
15	256QAM	1	74	18.10	18.19	17.97		
15	256QAM	36	0	18.03	17.98	18.07	19.4	0
15	256QAM	36	20	18.16	18.07	18.07		
15	256QAM	36	39	18.08	18.07	18.08		
15	256QAM	75	0	18.12	18.11	17.95		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.29	18.37	18.35	19.4	0
10	QPSK	1	25	18.04	18.16	18.29		
10	QPSK	1	49	18.24	18.05	18.13		
10	QPSK	25	0	18.07	18.26	18.13	19.4	0
10	QPSK	25	12	18.23	18.18	18.14		
10	QPSK	25	25	18.19	18.21	18.30		
10	QPSK	50	0	18.23	18.26	18.07		
10	16QAM	1	0	18.06	18.07	18.18	19.4	0
10	16QAM	1	25	18.25	18.26	18.24		
10	16QAM	1	49	18.23	18.23	18.03		
10	16QAM	25	0	18.11	18.09	18.23	19.4	0
10	16QAM	25	12	18.26	18.20	18.11		
10	16QAM	25	25	18.23	18.22	18.11		
10	16QAM	50	0	18.22	18.20	18.16		
10	64QAM	1	0	18.19	18.25	18.12	19.4	0
10	64QAM	1	25	18.13	18.06	18.04		
10	64QAM	1	49	18.21	18.26	18.08		
10	64QAM	25	0	18.10	18.14	18.14	19.4	0
10	64QAM	25	12	18.25	18.16	18.14		
10	64QAM	25	25	18.17	18.24	18.24		
10	64QAM	50	0	18.15	18.21	18.11		
10	256QAM	1	0	18.10	18.19	18.04	19.4	0
10	256QAM	1	25	18.01	17.87	17.89		
10	256QAM	1	49	18.08	18.20	17.95		
10	256QAM	25	0	18.05	17.98	18.04	19.4	0
10	256QAM	25	12	18.16	18.10	18.07		
10	256QAM	25	25	18.08	18.08	18.07		
10	256QAM	50	0	18.12	18.10	17.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.29	18.36	18.34	19.4	0
5	QPSK	1	12	18.06	18.15	18.27		
5	QPSK	1	24	18.23	18.08	18.13		
5	QPSK	12	0	18.07	18.26	18.15	19.4	0
5	QPSK	12	7	18.20	18.16	18.12		
5	QPSK	12	13	18.18	18.21	18.28		
5	QPSK	25	0	18.22	18.26	18.05	19.4	0
5	16QAM	1	0	18.06	18.07	18.17		
5	16QAM	1	12	18.23	18.27	18.24		
5	16QAM	1	24	18.22	18.22	18.01		
5	16QAM	12	0	18.08	18.11	18.22	19.4	0
5	16QAM	12	7	18.24	18.18	18.09		
5	16QAM	12	13	18.23	18.22	18.10		
5	16QAM	25	0	18.20	18.18	18.17	19.4	0
5	64QAM	1	0	18.20	18.25	18.10		
5	64QAM	1	12	18.12	18.02	18.03		
5	64QAM	1	24	18.18	18.24	18.09		
5	64QAM	12	0	18.08	18.13	18.16	19.4	0
5	64QAM	12	7	18.24	18.19	18.11		
5	64QAM	12	13	18.16	18.23	18.24		
5	64QAM	25	0	18.14	18.19	18.10	19.4	0
5	256QAM	1	0	18.09	18.21	18.02		
5	256QAM	1	12	18.04	17.85	17.89		
5	256QAM	1	24	18.08	18.18	17.96		
5	256QAM	12	0	18.04	18.00	18.07	19.4	0
5	256QAM	12	7	18.15	18.09	18.07		
5	256QAM	12	13	18.06	18.07	18.08		
5	256QAM	25	0	18.10	18.10	17.93		

Band 41 Ant0 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.23	16.17	16.29	16.21	16.26	17.3	0
20	QPSK	1	49	16.05	16.18	16.24	16.15	16.11		
20	QPSK	1	99	16.15	16.20	16.11	16.11	16.21		
20	QPSK	50	0	16.10	16.07	16.23	16.03	16.10	17.3	0
20	QPSK	50	24	16.09	16.13	16.04	16.10	16.07		
20	QPSK	50	50	16.15	16.11	16.16	16.03	16.07		
20	QPSK	100	0	16.11	16.19	16.21	16.15	16.18		
20	16QAM	1	0	15.92	15.96	15.92	15.84	15.68	17.3	0
20	16QAM	1	49	15.90	15.87	15.91	15.79	15.83		
20	16QAM	1	99	15.92	16.01	15.70	15.73	15.63		
20	16QAM	50	0	15.96	15.88	15.92	15.88	15.94	17.3	0
20	16QAM	50	24	16.07	15.92	16.05	16.10	16.13		
20	16QAM	50	50	16.08	15.91	16.02	15.98	16.04		
20	16QAM	100	0	16.02	16.20	16.13	16.28	16.21		
20	64QAM	1	0	15.80	16.00	15.83	15.89	15.85	17.3	0
20	64QAM	1	49	15.97	16.00	15.99	16.00	15.75		
20	64QAM	1	99	15.93	16.04	15.89	15.92	15.93		
20	64QAM	50	0	16.12	16.19	16.21	16.19	16.22	17.3	0
20	64QAM	50	24	16.08	16.23	16.00	16.22	16.01		
20	64QAM	50	50	16.07	16.20	16.16	16.28	16.15		
20	64QAM	100	0	16.01	16.19	16.11	16.28	16.21		
20	256QAM	1	0	16.07	15.96	16.01	15.72	15.77	17.3	0
20	256QAM	1	49	15.86	15.90	15.88	15.89	15.74		
20	256QAM	1	99	15.76	15.97	15.82	15.81	15.84		
20	256QAM	50	0	16.02	16.03	16.10	16.01	16.18	17.3	0
20	256QAM	50	24	15.90	16.10	15.94	16.06	15.91		
20	256QAM	50	50	15.95	16.15	16.03	16.12	16.05		
20	256QAM	100	0	15.89	16.06	15.97	16.19	16.16		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.19	16.14	16.21	16.17	16.23	17	0
15	QPSK	1	37	16.02	16.13	16.19	16.28	16.14		
15	QPSK	1	74	16.10	16.16	16.12	16.25	16.21		
15	QPSK	36	0	16.07	16.03	16.12	16.02	16.08	17.3	0
15	QPSK	36	20	16.07	16.09	16.00	16.09	16.04		
15	QPSK	36	39	16.11	16.07	16.12	16.00	16.05		
15	QPSK	75	0	16.09	16.15	16.26	16.27	16.13		
15	16QAM	1	0	15.89	15.95	15.88	15.81	15.64	17.3	0
15	16QAM	1	37	15.87	15.83	15.90	15.75	15.81		
15	16QAM	1	74	15.90	15.99	15.87	15.71	15.61		
15	16QAM	36	0	15.94	15.83	15.87	15.86	15.92	17.3	0
15	16QAM	36	20	16.03	15.90	16.03	16.07	16.09		
15	16QAM	36	39	16.05	15.90	16.00	15.94	16.02		
15	16QAM	75	0	16.01	16.18	16.10	16.25	16.16		
15	64QAM	1	0	15.76	15.96	15.80	15.87	15.82	17.3	0
15	64QAM	1	37	15.93	15.97	15.96	15.97	15.71		
15	64QAM	1	74	15.92	16.03	15.84	15.87	15.90		
15	64QAM	36	0	16.07	16.16	16.18	16.15	16.21	17.3	0
15	64QAM	36	20	16.04	16.18	15.96	16.18	15.97		
15	64QAM	36	39	16.02	16.17	16.12	16.25	16.11		
15	64QAM	75	0	15.97	16.17	16.08	16.25	16.17		
15	256QAM	1	0	16.04	15.93	15.98	15.69	15.76	17.3	0
15	256QAM	1	37	15.85	15.86	15.85	15.86	15.71		
15	256QAM	1	74	15.74	15.96	15.78	15.77	15.81		
15	256QAM	36	0	15.97	16.00	16.09	15.98	16.13	17.3	0
15	256QAM	36	20	15.86	16.05	15.91	16.03	15.88		
15	256QAM	36	39	15.93	16.14	16.00	16.08	16.03		
15	256QAM	75	0	15.84	16.03	15.94	16.18	16.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.19	16.15	16.21	16.18	16.24	17	0
10	QPSK	1	25	16.02	16.13	16.19	16.15	16.28		
10	QPSK	1	49	16.12	16.15	16.11	16.24	16.12		
10	QPSK	25	0	16.07	16.04	16.22	16.01	16.08	17.3	0
10	QPSK	25	12	16.05	16.09	16.01	16.08	16.03		
10	QPSK	25	25	16.12	16.08	16.13	16.00	16.03		
10	QPSK	50	0	16.08	16.17	16.24	16.26	16.16		
10	16QAM	1	0	15.90	15.94	15.88	15.80	15.66	17.3	0
10	16QAM	1	25	15.87	15.84	15.86	15.78	15.81		
10	16QAM	1	49	15.90	15.97	15.67	15.70	15.62		
10	16QAM	25	0	15.94	15.85	15.90	15.85	15.91	17.3	0
10	16QAM	25	12	16.03	15.90	16.01	16.08	16.09		
10	16QAM	25	25	16.03	15.87	16.00	15.93	16.02		
10	16QAM	50	0	15.99	16.18	16.12	16.25	16.20		
10	64QAM	1	0	15.78	15.95	15.79	15.84	15.81	17.3	0
10	64QAM	1	25	15.94	15.97	15.96	15.98	15.71		
10	64QAM	1	49	15.88	16.02	15.87	15.91	15.88		
10	64QAM	25	0	16.10	16.16	16.19	16.15	16.18	17.3	0
10	64QAM	25	12	15.85	16.01	15.97	16.18	16.00		
10	64QAM	25	25	16.02	16.18	16.12	16.25	16.14		
10	64QAM	50	0	15.97	16.16	16.07	16.24	16.17		
10	256QAM	1	0	16.04	15.93	15.98	15.69	15.73	17.3	0
10	256QAM	1	25	15.83	15.88	15.84	15.87	15.72		
10	256QAM	1	49	15.73	15.93	15.80	15.79	15.81		
10	256QAM	25	0	16.00	16.00	16.05	15.98	16.13	17.3	0
10	256QAM	25	12	15.85	16.07	15.92	16.05	15.89		
10	256QAM	25	25	15.91	16.12	15.98	16.08	16.03		
10	256QAM	50	0	15.88	16.05	15.95	16.17	16.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.20	16.12	16.15	16.16	16.22	17	0
5	QPSK	1	12	16.01	16.16	16.21	16.28	16.22		
5	QPSK	1	24	16.12	16.18	16.14	16.27	16.21		
5	QPSK	12	0	16.08	16.03	16.11	16.02	16.07	17.3	0
5	QPSK	12	7	16.05	16.08	16.02	16.06	16.04		
5	QPSK	12	13	16.11	16.09	16.13	16.01	16.02		
5	QPSK	25	0	16.08	16.16	16.26	16.28	16.14	17.3	0
5	16QAM	1	0	15.90	15.91	15.89	15.80	15.65		
5	16QAM	1	12	15.88	15.95	15.87	15.75	15.78		
5	16QAM	1	24	15.91	15.99	15.67	15.69	15.58		
5	16QAM	12	0	15.95	15.85	15.89	15.85	15.89	17.3	0
5	16QAM	12

Ant1 DSI3 Simultaneous Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.85	31.78	31.73	32.60	22.85	22.78	22.73	23.60
GPRS 1 Tx slot	31.82	31.64	31.61	32.60	22.82	22.64	22.61	23.60
GPRS 2 Tx slots	28.93	28.79	28.76	29.60	22.93	22.79	22.76	23.60
GPRS 3 Tx slots	27.05	27.19	27.15	27.80	22.79	22.93	22.89	23.54
GPRS 4 Tx slots	25.45	25.68	25.55	26.60	22.45	22.68	22.55	23.60
EDGE 1 Tx slot	25.08	25.13	25.00	26.00	16.08	16.13	16.00	17.00
EDGE 2 Tx slots	23.52	23.49	23.63	25.00	17.52	17.49	17.63	19.00
EDGE 3 Tx slots	22.48	22.35	22.65	24.00	18.22	18.09	18.39	19.74
EDGE 4 Tx slots	20.35	20.25	20.48	22.00	17.35	17.25	17.48	19.00

Ant1 DSI3 Simultaneous Power

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.01	22.16	22.15	23.30
3GPP Rel 99	RMC 12.2Kbps	22.06	22.20	22.17	23.30
3GPP Rel 6	HSDPA Subtest-1	21.10	21.27	21.24	22.30
3GPP Rel 6	HSDPA Subtest-2	21.13	21.19	21.26	22.30
3GPP Rel 6	HSDPA Subtest-3	20.64	20.75	20.79	21.80
3GPP Rel 6	HSDPA Subtest-4	20.60	20.77	20.83	21.80
3GPP Rel 8	DC-HSDPA Subtest-1	20.95	20.96	21.00	22.30
3GPP Rel 8	DC-HSDPA Subtest-2	20.83	20.93	21.05	22.30
3GPP Rel 8	DC-HSDPA Subtest-3	20.45	20.56	20.55	21.80
3GPP Rel 8	DC-HSDPA Subtest-4	20.30	20.63	20.67	21.80
3GPP Rel 6	HSUPA Subtest-1	21.08	21.07	21.14	22.30
3GPP Rel 6	HSUPA Subtest-2	19.11	19.26	19.29	20.30
3GPP Rel 6	HSUPA Subtest-3	20.10	20.13	20.23	21.30
3GPP Rel 6	HSUPA Subtest-4	19.13	19.21	19.25	20.30
3GPP Rel 6	HSUPA Subtest-5	21.01	21.08	21.05	22.30

Band 2 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	16.18	16.21	15.96		
20	QPSK	1	49	16.13	16.16	16.11	17.7	0
20	QPSK	1	99	15.98	15.91	16.05		
20	QPSK	50	0	15.95	16.12	15.90		
20	QPSK	50	24	15.83	15.86	15.89	17.7	0
20	QPSK	50	50	15.96	15.90	15.87		
20	QPSK	100	0	15.82	16.02	15.76		
20	16QAM	1	0	15.93	16.04	15.84		
20	16QAM	1	49	15.79	15.84	15.86	17.7	0
20	16QAM	1	99	15.90	15.84	15.84		
20	16QAM	50	0	15.77	15.98	15.77		
20	16QAM	50	24	15.83	15.79	15.80	17.7	0
20	16QAM	50	50	15.80	15.70	15.77		
20	16QAM	100	0	15.83	15.77	15.76		
20	64QAM	1	0	15.96	15.89	15.83		
20	64QAM	1	49	15.95	15.98	15.93	17.7	0
20	64QAM	1	99	15.85	15.74	15.70		
20	64QAM	50	0	15.79	15.75	15.71		
20	64QAM	50	24	15.86	15.79	15.81	17.7	0
20	64QAM	50	50	15.80	15.71	15.74		
20	64QAM	100	0	15.85	15.78	15.78		
20	256QAM	1	0	15.90	15.85	15.80		
20	256QAM	1	49	15.84	15.90	15.85	17.7	0
20	256QAM	1	99	15.88	16.09	15.87		
20	256QAM	50	0	15.77	15.83	15.85		
20	256QAM	50	24	15.88	15.88	15.82	17.7	0
20	256QAM	50	50	15.78	16.02	15.81		
20	256QAM	100	0	15.82	15.97	15.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.11	16.17	15.88		
15	QPSK	1	37	16.10	16.14	16.05	17.7	0
15	QPSK	1	74	15.93	15.88	15.97		
15	QPSK	36	0	15.88	16.05	15.87		
15	QPSK	36	20	15.79	15.81	15.86	17.7	0
15	QPSK	36	39	15.94	15.82	15.83		
15	QPSK	75	0	15.76	16.00	15.77		
15	16QAM	1	0	15.86	15.97	15.77		
15	16QAM	1	37	15.74	15.82	15.81	17.7	0
15	16QAM	1	74	15.81	15.80	15.81		
15	16QAM	36	0	15.74	15.93	15.81		
15	16QAM	36	20	15.78	15.71	15.74	17.7	0
15	16QAM	36	39	15.78	15.83	15.89		
15	16QAM	75	0	15.79	15.74	15.88		
15	64QAM	1	0	15.88	15.83	15.78		
15	64QAM	1	37	15.88	15.93	15.86	17.7	0
15	64QAM	1	74	15.78	15.71	15.84		
15	64QAM	36	0	15.74	15.72	15.82		
15	64QAM	36	20	15.80	15.72	15.76	17.7	0
15	64QAM	36	39	15.77	15.81	15.72		
15	64QAM	75	0	15.77	15.72	15.71		
15	256QAM	1	0	15.83	15.79	15.73		
15	256QAM	1	37	15.76	15.87	15.78	17.7	0
15	256QAM	1	74	15.85	16.04	15.82		
15	256QAM	36	0	15.74	15.76	15.80		
15	256QAM	36	20	15.82	15.81	15.77	17.7	0
15	256QAM	36	39	15.74	15.76	15.75		
15	256QAM	75	0	15.78	15.84	15.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.12	16.16	15.92		
10	QPSK	1	25	16.08	16.09	16.08	17.7	0
10	QPSK	1	49	15.95	15.87	16.00		
10	QPSK	25	0	15.88	16.09	15.85		
10	QPSK	25	12	15.78	15.82	15.85	17.7	0
10	QPSK	25	25	15.90	15.84	15.83		
10	QPSK	50	0	15.76	15.94	15.71		
10	16QAM	1	0	15.86	15.98	15.77		
10	16QAM	1	25	15.73	15.76	15.82	17.7	0
10	16QAM	1	49	15.84	15.79	15.81		
10	16QAM	25	0	15.73	15.92	15.72		
10	16QAM	25	12	15.80	15.75	15.76	17.7	0
10	16QAM	25	25	15.78	15.91	15.74		
10	16QAM	50	0	15.79	15.75	15.73		
10	64QAM	1	0	15.91	15.83	15.78		
10	64QAM	1	25	15.89	15.91	15.88	17.7	0
10	64QAM	1	49	15.81	15.81	15.81		
10	64QAM	25	0	15.74	15.71	15.91		
10	64QAM	25	12	15.83	15.77	15.79	17.7	0
10	64QAM	25	25	15.73	15.94	15.84		
10	64QAM	50	0	15.83	15.72	15.73		
10	256QAM	1	0	15.85	15.83	15.74		
10	256QAM	1	25	15.80	15.88	15.81	17.7	0
10	256QAM	1	49	15.81	16.05	15.80		
10	256QAM	25	0	15.71	15.78	15.78		
10	256QAM	25	12	15.81	15.81	15.75	17.7	0
10	256QAM	25	25	15.76	15.75	15.78		
10	256QAM	50	0	15.78	15.71	15.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.11	16.16	15.89		
5	QPSK	1	12	16.10	16.13	16.04	17.7	0
5	QPSK	1	24	15.90	15.87	16.01		
5	QPSK	12	0	15.92	16.05	15.82		
5	QPSK	12	7	15.80	15.81	15.84	17.7	0
5	QPSK	12	13	15.90	15.83	15.81		
5	QPSK	25	0	15.77	15.98	15.70		
5	16QAM	1	0	15.90	16.00	15.80		
5	16QAM	1	12	15.78	15.77	15.81	17.7	0
5	16QAM	1	24	15.86	15.80	15.77		
5	16QAM	12	0	15.71	15.96	15.72		
5	16QAM	12	7	15.79	15.73	15.72	17.7	0
5	16QAM	12	13	15.73	15.88	15.70		
5	16QAM	25	0	15.76	15.74	15.72		
5	64QAM	1	0	15.90	15.82	15.80		
5	64QAM	1	12	15.91	15.92	15.86	17.7	0
5	64QAM	1	24	15.77	15.71	15.98		
5	64QAM	12	0	15.76	15.70	15.88		
5	64QAM	12	7	15.79	15.72	15.77	17.7	0
5	64QAM	12	13	15.72	15.95	15.84		
5	64QAM	25	0	15.80	15.71	15.73		
5	256QAM	1	0	15.84	15.78	15.74		
5	256QAM	1	12	15.79	15.87	15.78	17.7	0
5	256QAM	1	24	15.81	16.02	15.80		
5	256QAM	12	0	15.71	15.78	15.80		
5	256QAM	12	7	15.82	15.84	15.76	17.7	0
5	256QAM	12	13	15.72	15.78	15.74		
5	256QAM	25	0	15.76	15.84	15.87		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.11	16.14	15.91		
3	QPSK	1	8	16.08	16.08	16.07	17.7	0
3	QPSK	1	14	15.92	15.85	15.98		
3	QPSK	8	0	15.90	16.09	15.87		
3	QPSK	8	4	15.75	15.79	15.94	17.7	0
3	QPSK	8	7	15.91	15.88	15.84		
3	QPSK	15	0	15.79	15.98	15.88		
3	16QAM	1	0	15.89	16.02	15.78		
3	16QAM	1	8	15.75	15.78	15.81	17.7	0
3	16QAM	1	14	15.83	15.76	15.77		
3	16QAM	8	0	15.94	15.94	15.72		
3	16QAM	8	4	15.78	15.72	15.75	17.7	0
3	16QAM	8	7	15.72	15.94	15.73		
3	16QAM	15	0	15.79	15.71	15.71		
3	64QAM	1	0	15.87	15.82	15.79		
3	64QAM	1	8	15.96	15.86	15.86	17.7	0
3	64QAM	1	14	15.78	15.71	15.89		
3	64QAM	8	0	15.72	15.72	15.88		
3	64QAM	8	4	15.83	15.75	15.78	17.7	0
3	64QAM	8	7	15.77	15.87	15.72		
3	64QAM	15	0	15.79	15.72	15.73		
3	256QAM	1	0	15.83	15.81	15.74		
3	256QAM	1	8	15.80	15.83	15.83	17.7	0
3	256QAM	1	14	15.81	16.07	15.82		
3	256QAM	8	0	15.72	15.77	15.80		
3	256QAM	8	4	15.81	15.85	15.79	17.7	0
3	256QAM	8	7	15.74	15.77	15.74		
3	256QAM	15	0	15.80	15.70	15.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.14	16.14	15.91		
1.4	QPSK	1	3	16.10	16.10	16.08		
1.4	QPSK	1	5	15.95	15.84	15.99	17.7	0
1.4	QPSK	3	0	15.92	16.07	15.84		
1.4	QPSK	3	1	15.76	15.80	15.83		
1.4	QPSK	3	3	15.91	15.86	15.83		
1.4	QPSK	6	0	15.76	15.98	15.73	17.7	0
1.4	16QAM	1	0	15.90	16.00	15.78		
1.4	16QAM	1	3	15.77	15.79	15.78		
1.4	16QAM	1	5	15.84	15.78	15.80	17.7	0
1.4	16QAM	3	0	15.74	15.94	15.77		
1.4	16QAM	3	1	15.76	15.71	15.77		
1.4	16QAM	3	3	15.74	15.76	15.75		
1.4	16QAM	6	0	15.76	15.76	15.73	17.7	0
1.4	64QAM	1	0	15.90	15.87	15.78		
1.4	64QAM	1	3	15.92	15.95	15.87		
1.4	64QAM	1	5	15.76	15.76	15.88	17.7	0
1.4	64QAM	3	0	15.73	15.71	15.89		
1.4	64QAM	3	1	15.83	15.73	15.74		
1.4	64QAM	3	3	15.78	15.87	15.79		
1.4	64QAM	6	0	15.81	15.70	15.75	17.7	0
1.4	256QAM	1	0	15.84	15.82	15.78		
1.4	256QAM	1	3	15.81	15.86	15.80		
1.4	256QAM	1	5	15.85	16.06	15.82	17.7	0
1.4	256QAM	3	0	15.70	15.78	15.81		
1.4	256QAM	3	1	15.82	15.81	15.79		
1.4	256QAM	3	3	15.73	15.78	15.78		
1.4	256QAM	6	0	15.81	15.84	15.79	17.7	0

Band 4 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	14.42	14.45	14.39		
20	QPSK	1	49	14.42	14.25	14.37	15.8	0
20	QPSK	1	99	14.23	14.29	14.13		
20	QPSK	50	0	14.14	14.34	14.12		
20	QPSK	50	24	14.09	14.03	14.06	15.8	0
20	QPSK	50	50	14.04	14.04	14.15		
20	QPSK	100	0	14.07	14.12	14.03		
20	16QAM	1	0	14.05	14.08	14.08		
20	16QAM	1	49	13.88	14.07	14.07	15.8	0
20	16QAM	1	99	13.87	13.85	13.86		
20	16QAM	50	0	14.00	14.05	14.08		
20	16QAM	50	24	14.09	14.04	14.01	15.8	0
20	16QAM	50	50	14.06	14.05	13.96		
20	16QAM	100	0	14.02	14.04	14.02		
20	64QAM	1	0	14.21	14.01	14.13		
20	64QAM	1	49	14.12	14.23	14.15	15.8	0
20	64QAM	1	99	14.02	14.06	14.00		
20	64QAM	50	0	13.99	14.04	14.10		
20	64QAM	50	24	14.05	14.05	14.05	15.8	0
20	64QAM	50	50	14.00	14.05	14.02		
20	64QAM	100	0	14.06	14.00	14.04		
20	256QAM	1	0	14.19	14.09	13.97		
20	256QAM	1	49	14.09	14.22	14.09	15.8	0
20	256QAM	1	99	13.92	13.99	13.91		
20	256QAM	50	0	13.88	13.96	14.00		
20	256QAM	50	24	14.07	14.09	14.06	15.8	0
20	256QAM	50	50	13.98	14.21	13.92		
20	256QAM	100	0	14.02	14.18	14.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.41	14.43	14.35		
15	QPSK	1	37	14.41	14.21	14.35	15.8	0
15	QPSK	1	74	14.19	14.26	14.09		
15	QPSK	36	0	14.12	14.33	14.10		
15	QPSK	36	20	14.07	14.00	14.02	15.8	0
15	QPSK	36	39	14.02	13.99	14.12		
15	QPSK	75	0	14.05	14.23	13.99		
15	16QAM	1	0	14.02	14.04	14.04		
15	16QAM	1	37	13.85	14.05	14.03	15.8	0
15	16QAM	1	74	13.85	13.83	13.84		
15	16QAM	36	0	13.99	14.04	14.05		
15	16QAM	36	20	14.07	14.01	13.99	15.8	0
15	16QAM	36	39	14.01	14.02	13.93		
15	16QAM	75	0	13.98	14.00	13.99		
15	64QAM	1	0	14.18	14.07	14.10		
15	64QAM	1	37	14.10	14.20	14.10	15.8	0
15	64QAM	1	74	13.98	14.01	13.98		
15	64QAM	36	0	13.97	14.01	14.05		
15	64QAM	36	20	14.03	14.02	14.03	15.8	0
15	64QAM	36	39	13.97	14.02	14.01		
15	64QAM	75	0	14.02	13.97	14.00		
15	256QAM	1	0	14.16	14.08	13.92		
15	256QAM	1	37	14.05	14.18	14.04	15.8	0
15	256QAM	1	74	13.91	13.96	13.87		
15	256QAM	36	0	13.83	13.93	13.98		
15	256QAM	36	20	14.04	14.06	14.03	15.8	0
15	256QAM	36	39	13.95	14.00	13.89		
15	256QAM	75	0	13.98	13.99	13.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.37	14.35	14.36		
10	QPSK	1	25	14.38	14.24	14.34	15.8	0
10	QPSK	1	49	14.21	14.24	14.10		
10	QPSK	25	0	14.10	14.30	14.10		
10	QPSK	25	12	14.04	14.00	14.02	15.8	0
10	QPSK	25	25	14.02	13.96	14.13		
10	QPSK	50	0	14.04	14.20	14.00		
10	16QAM	1	0	14.01	14.05	14.04		
10	16QAM	1	25	13.86	14.04	14.04	15.8	0
10	16QAM	1	49	13.82	13.83	13.83		
10	16QAM	25	0	13.98	14.00	14.03		
10	16QAM	25	12	14.04	13.99	14.00	15.8	0
10	16QAM	25	25	14.04	14.03	13.94		
10	16QAM	50	0	13.99	14.00	13.98		
10	64QAM	1	0	14.17	14.08	14.10		
10	64QAM	1	25	14.08	14.20	14.12	15.8	0
10	64QAM	1	49	14.01	14.01	13.98		
10	64QAM	25	0	13.94	13.99	14.07		
10	64QAM	25	12	14.04	14.01	14.01	15.8	0
10	64QAM	25	25	13.98	14.00	14.00		
10	64QAM	50	0	14.03	13.95	14.03		
10	256QAM	1	0	14.15	14.07	13.94		
10	256QAM	1	25	14.05	14.21	14.06	15.8	0
10	256QAM	1	49	13.89	13.97	13.88		
10	256QAM	25	0	13.83	13.93	13.95		
10	256QAM	25	12	14.02	14.04	14.03	15.8	0
10	256QAM	25	25	13.96	14.00	13.90		
10	256QAM	50	0	13.98	14.00	13.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.39	14.41	14.36		
5	QPSK	1	12	14.41	14.22	14.36	15.8	0
5	QPSK	1	24	14.20	14.26	14.11		
5	QPSK	12	0	14.11	14.30	14.10		
5	QPSK	12	7	14.04	13.99	14.02	15.8	0
5	QPSK	12	13	14.01	14.01	14.14		
5	QPSK	25	0	14.04	14.20	14.00		
5	16QAM	1	0	14.01	14.04	14.05		
5	16QAM	1	24	13.85	13.81	13.81		
5	16QAM	12	0	13.98	14.00	14.05		
5	16QAM	12	7	14.07	14.01	13.99	15.8	0
5	16QAM	12	13	14.02	14.04	13.92		
5	16QAM	25	0	14.00	14.00	14.00		
5	64QAM	1	0	14.20	14.10	14.09		
5	64QAM	1	12	14.08	14.18	14.12	15.8	0
5	64QAM	1	24	13.98	14.02	13.95		
5	64QAM	12	0	13.95	13.99	14.07		
5	64QAM	12	7	14.02	14.01	14.03	15.8	0
5	64QAM	12	13	13.95	14.03	13.99		
5	64QAM	25	0	14.01	13.99	14.00		
5	256QAM	1	0	14.16	14.05	13.94		
5	256QAM	1	12	14.06	14.17	14.04	15.8	0
5	256QAM	1	24	13.89	13.97	13.87		
5	256QAM	12	0	13.87	13.94	13.98		
5	256QAM	12	7	14.06	14.04	14.02	15.8	0
5	256QAM	12	13	13.96	14.02	13.90		
5	256QAM	25	0	13.98	13.99	14.00		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
3	QPSK	1	0	14.38	14.44	14.37		
3	QPSK	1	8	14.40	14.21	14.36	15.8	0
3	QPSK	1	14	14.19	14.26	14.09		
3	QPSK	8	0	14.10	14.29	14.10		
3	QPSK	8	4	14.07	13.99	14.03	15.8	0
3	QPSK	8	7	14.00	14.01	14.11		
3	QPSK	15	0	14.05	14.22	13.99		
3	16QAM	1	0	14.01	14.04	14.05		
3	16QAM	1	8	13.83	14.06	14.03	15.8	0
3	16QAM	1	14	13.85	13.81	13.83		
3	16QAM	8	0	13.96	14.03	14.04		
3	16QAM	8	4	14.07	14.00	13.99	15.8	0
3	16QAM	8	7	14.01	14.03	13.91		
3	16QAM	15	0	13.98	14.00	13.97		
3	64QAM	1	0	14.16	14.07	14.12		
3	64QAM	1	8	14.07	14.22	14.11	15.8	0
3	64QAM	1	14	13.98	14.04	13.99		
3	64QAM	8	0	13.97	14.01	14.09		
3	64QAM	8	4	14.01	14.03	14.03	15.8	0
3	64QAM	8	7	13.95	14.00	13.97		
3	64QAM	15	0	14.03	13.98	14.02		
3	256QAM	1	0	14.14	14.08	13.94		
3	256QAM	1	8	14.05	14.17	14.07	15.8	0
3	256QAM	1	14	13.87	13.97	13.87		
3	256QAM	8	0	13.83	13.91	13.96		
3	256QAM	8	4	14.04	14.07	14.02	15.8	0
3	256QAM	8	7	13.96	14.02	13.91		
3	256QAM	15	0	14.00	14.00	14.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.38	14.41	14.35		
1.4	QPSK	1	3	14.39	14.21	14.33		
1.4	QPSK	1	5	14.22	14.24	14.11	15.8	0
1.4	QPSK	3	0	14.11	14.32	14.08		
1.4	QPSK	3	1	14.04	13.99	14.03		
1.4	QPSK	3	3	14.01	14.01	14.14		
1.4	QPSK	6	0	14.05	14.20	13.98	15.8	0
1.4	16QAM	1	0	14.01	14.06	14.07		
1.4	16QAM	1	3	13.86	14.04	14.03		
1.4	16QAM	1	5	13.84	13.82	13.83	15.8	0
1.4	16QAM	3	0	13.95	14.03	14.04		
1.4	16QAM	3	1	14.07	14.03	13.99		
1.4	16QAM	3	3	14.01	14.02	13.91		
1.4	16QAM	6	0	14.00	14.00	13.99	15.8	0
1.4	64QAM	1	0	14.19	14.09	14.08		
1.4	64QAM	1	3	14.10	14.21	14.12		
1.4	64QAM	1	5	13.98	14.04	13.99	15.8	0
1.4	64QAM	3	0	13.97	14.03	14.05		
1.4	64QAM	3	1	14.03	14.02	14.03		
1.4	64QAM	3	3	13.95	14.01	13.97		
1.4	64QAM	6	0	14.04	13.97	14.02	15.8	0
1.4	256QAM	1	0	14.17	14.08	13.95		
1.4	256QAM	1	3	14.05	14.20	14.07		
1.4	256QAM	1	5	13.89	13.97	13.89	15.8	0
1.4	256QAM	3	0	13.85	13.92	13.96		
1.4	256QAM	3	1	14.04	14.04	14.02		
1.4	256QAM	3	3	13.94	14.03	13.88		
1.4	256QAM	6	0	13.99	14.00	13.99	15.8	0

Band 5 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	22.15	22.34	22.07		
10	QPSK	1	25	22.12	22.04	22.17	23.5	0
10	QPSK	1	49	22.01	22.02	22.05		
10	QPSK	25	0	22.17	22.30	22.26		
10	QPSK	25	12	22.24	22.17	22.30	23.5	0
10	QPSK	25	25	22.22	22.18	22.23		
10	QPSK	50	0	22.17	22.26	22.18		
10	16QAM	1	0	22.14	22.29	22.00		
10	16QAM	1	25	22.07	22.00	22.13	23.5	0
10	16QAM	1	49	22.08	22.04	22.

Band 25 Ant1 DSI3 Simultaneous Power

BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	16.48	16.67	16.45		
20	QPSK	1	49	16.52	16.45	16.48	17.7	0
20	QPSK	1	99	16.60	16.51	16.55		
20	QPSK	50	0	16.40	16.62	16.58		
20	QPSK	50	24	16.48	16.32	16.48	17.7	0
20	QPSK	50	50	16.51	16.50	16.57		
20	QPSK	100	0	16.22	16.65	16.48		
20	16QAM	1	0	16.52	16.48	16.47		
20	16QAM	1	49	16.42	16.45	16.35	17.7	0
20	16QAM	1	99	16.47	16.49	16.41		
20	16QAM	50	0	16.32	16.63	16.48		
20	16QAM	50	24	16.36	16.54	16.29	17.7	0
20	16QAM	50	50	16.45	16.36	16.46		
20	16QAM	100	0	16.42	16.42	16.35		
20	64QAM	1	0	16.52	16.52	16.29		
20	64QAM	1	49	16.44	16.54	16.49	17.7	0
20	64QAM	1	99	16.32	16.36	16.43		
20	64QAM	50	0	16.60	16.52	16.49		
20	64QAM	50	24	16.50	16.36	16.41	17.7	0
20	64QAM	50	50	16.41	16.40	16.52		
20	64QAM	100	0	16.57	16.43	16.38		
20	256QAM	1	0	16.14	16.18	15.89		
20	256QAM	1	49	15.95	15.80	15.98	17.7	0
20	256QAM	1	99	16.07	16.03	16.06		
20	256QAM	50	0	16.10	16.14	15.86		
20	256QAM	50	24	15.88	15.88	16.11	17.7	0
20	256QAM	50	50	16.12	15.81	15.91		
20	256QAM	100	0	16.11	16.06	15.70		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.42	16.64	16.39		
15	QPSK	1	37	16.50	16.39	16.44	17.7	0
15	QPSK	1	74	16.58	16.48	16.49		
15	QPSK	36	0	16.36	16.59	16.56		
15	QPSK	36	20	16.44	16.28	16.46	17.7	0
15	QPSK	36	39	16.48	16.48	16.53		
15	QPSK	75	0	16.19	16.61	16.44		
15	16QAM	1	0	16.48	16.45	16.44		
15	16QAM	1	37	16.39	16.42	16.31	17.7	0
15	16QAM	1	74	16.42	16.36	16.36		
15	16QAM	36	0	16.28	16.59	16.42		
15	16QAM	36	20	16.30	16.51	16.26	17.7	0
15	16QAM	36	39	16.43	16.30	16.43		
15	16QAM	75	0	16.38	16.36	16.30		
15	64QAM	1	0	16.48	16.49	16.24		
15	64QAM	1	37	16.40	16.49	16.47	17.7	0
15	64QAM	1	74	16.26	16.33	16.37		
15	64QAM	36	0	16.55	16.47	16.46		
15	64QAM	36	20	16.47	16.31	16.37	17.7	0
15	64QAM	36	39	16.39	16.34	16.49		
15	64QAM	75	0	16.55	16.41	16.35		
15	256QAM	1	0	16.10	16.15	15.84		
15	256QAM	1	37	15.90	15.76	15.95	17.7	0
15	256QAM	1	74	16.02	16.00	16.01		
15	256QAM	36	0	16.08	16.08	15.81		
15	256QAM	36	20	15.83	15.86	16.05	17.7	0
15	256QAM	36	39	16.08	15.78	15.89		
15	256QAM	75	0	16.06	16.03	16.14		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.43	16.62	16.42		
10	QPSK	1	25	16.49	16.40	16.43	17.7	0
10	QPSK	1	49	16.55	16.46	16.50		
10	QPSK	25	0	16.35	16.59	16.52		
10	QPSK	25	12	16.42	16.26	16.43	17.7	0
10	QPSK	25	25	16.49	16.47	16.53		
10	QPSK	50	0	16.19	16.60	16.45		
10	16QAM	1	0	16.47	16.45	16.42		
10	16QAM	1	25	16.38	16.42	16.32	17.7	0
10	16QAM	1	49	16.42	16.45	16.36		
10	16QAM	25	0	16.27	16.60	16.45		
10	16QAM	25	12	16.32	16.51	16.25	17.7	0
10	16QAM	25	25	16.40	16.33	16.40		
10	16QAM	50	0	16.39	16.40	16.33		
10	64QAM	1	0	16.47	16.49	16.27		
10	64QAM	1	25	16.40	16.49	16.46	17.7	0
10	64QAM	1	49	16.28	16.31	16.41		
10	64QAM	25	0	16.57	16.48	16.43		
10	64QAM	25	12	16.46	16.33	16.36	17.7	0
10	64QAM	25	25	16.39	16.37	16.47		
10	64QAM	50	0	16.55	16.38	16.35		
10	256QAM	1	0	16.11	16.14	15.84		
10	256QAM	1	25	15.90	15.76	15.92	17.7	0
10	256QAM	1	49	16.05	16.00	16.01		
10	256QAM	25	0	16.04	16.12	15.83		
10	256QAM	25	12	15.83	15.84	16.06	17.7	0
10	256QAM	25	25	16.08	15.76	15.89		
10	256QAM	50	0	16.06	16.01	16.21		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.01	16.12	15.96		
5	QPSK	1	12	16.19	16.16	16.06	17.7	0
5	QPSK	1	24	15.92	15.74	16.20		
5	QPSK	12	0	16.17	15.97	15.86		
5	QPSK	12	7	15.82	16.06	15.96	17.7	0
5	QPSK	12	13	15.93	15.89	16.18		
5	QPSK	25	0	16.06	15.99	16.02		
5	16QAM	1	0	16.12	15.77	16.12		
5	16QAM	1	12	15.86	15.92	16.14	17.7	0
5	16QAM	1	24	15.78	15.77	15.84		
5	16QAM	12	0	16.02	16.04	15.96		
5	16QAM	12	7	16.13	15.96	15.94	17.7	0
5	16QAM	12	13	15.98	16.03	16.00		
5	16QAM	25	0	15.94	15.97	16.14		
5	64QAM	1	0	16.13	16.15	15.96		
5	64QAM	1	12	15.96	16.03	16.17	17.7	0
5	64QAM	1	24	16.01	16.07	16.00		
5	64QAM	12	0	16.13	16.13	16.06		
5	64QAM	12	7	16.18	16.02	15.94	17.7	0
5	64QAM	12	13	16.07	15.90	15.81		
5	64QAM	25	0	15.88	15.97	16.11		
5	256QAM	1	0	15.81	15.91	15.70		
5	256QAM	1	12	15.99	16.00	15.90	17.7	0
5	256QAM	1	24	15.88	15.87	16.00		
5	256QAM	12	0	15.90	16.16	15.96		
5	256QAM	12	7	15.94	15.99	15.86	17.7	0
5	256QAM	12	13	15.80	15.96	16.23		
5	256QAM	25	0	15.87	16.14	15.87		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.44	16.63	16.42		
3	QPSK	1	8	16.48	16.40	16.43	17.7	0
3	QPSK	1	14	16.55	16.48	16.51		
3	QPSK	8	0	16.38	16.56	16.55		
3	QPSK	8	4	16.45	16.29	16.46	17.7	0
3	QPSK	8	7	16.46	16.48	16.54		
3	QPSK	15	0	16.17	16.61	16.45		
3	16QAM	1	0	16.46	16.46	16.44		
3	16QAM	1	8	16.40	16.40	16.29	17.7	0
3	16QAM	1	14	16.42	16.47	16.36		
3	16QAM	8	0	16.26	16.59	16.44		
3	16QAM	8	4	16.31	16.50	16.25	17.7	0
3	16QAM	8	7	16.41	16.33	16.41		
3	16QAM	15	0	16.37	16.36	16.32		
3	64QAM	1	0	16.46	16.47	16.24		
3	64QAM	1	8	16.40	16.51	16.44	17.7	0
3	64QAM	1	14	16.27	16.31	16.39		
3	64QAM	8	0	16.55	16.50	16.45		
3	64QAM	8	4	16.46	16.33	16.39	17.7	0
3	64QAM	8	7	16.36	16.35	16.48		
3	64QAM	15	0	16.51	16.38	16.35		
3	256QAM	1	0	16.08	16.15	15.84		
3	256QAM	1	8	15.90	15.74	15.92	17.7	0
3	256QAM	1	14	16.04	15.99	16.03		
3	256QAM	8	0	16.07	16.12	15.82		
3	256QAM	8	4	15.84	15.83	16.06	17.7	0
3	256QAM	8	7	16.08	15.77	15.85		
3	256QAM	15	0	16.09	16.03	16.01		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.45	16.65	16.42		
1.4	QPSK	1	3	16.46	16.43	16.42		
1.4	QPSK	1	5	16.55	16.48	16.52	17.7	0
1.4	QPSK	3	0	16.34	16.59	16.52		
1.4	QPSK	3	1	16.42	16.27	16.42		
1.4	QPSK	3	3	16.45	16.48	16.53		
1.4	QPSK	6	0	16.20	16.60	16.44	17.7	0
1.4	16QAM	1	0	16.48	16.42	16.43		
1.4	16QAM	1	3	16.37	16.42	16.29		
1.4	16QAM	1	5	16.41	16.46	16.36	17.7	0
1.4	16QAM	3	0	16.30	16.58	16.44		
1.4	16QAM	3	1	16.32	16.51	16.25		
1.4	16QAM	3	3	16.39	16.31	16.41		
1.4	16QAM	6	0	16.36	16.38	16.31	17.7	0
1.4	64QAM	1	0	16.48	16.47	16.26		
1.4	64QAM	1	3	16.38	16.48	16.45		
1.4	64QAM	1	5	16.28	16.33	16.38	17.7	0
1.4	64QAM	3	0	16.57	16.48	16.45		
1.4	64QAM	3	1	16.45	16.31	16.39		
1.4	64QAM	3	3	16.38	16.35	16.49		
1.4	64QAM	6	0	16.54	16.40	16.36	17.7	0
1.4	256QAM	1	0	16.08	16.16	15.87		
1.4	256QAM	1	3	15.91	15.76	15.94		
1.4	256QAM	1	5	16.03	15.98	16.01	17.7	0
1.4	256QAM	3	0	16.06	16.10	15.81		
1.4	256QAM	3	1	15.85	15.85	16.08		
1.4	256QAM	3	3	16.07	15.78	15.86		
1.4	256QAM	6	0	16.08	16.02	16.11	17.7	0

Band 26 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	22.27	22.40	22.26		
15	QPSK	1	37	22.36	22.24	22.31	23.5	0
15	QPSK	1	74	22.05	22.31	22.36		
15	QPSK	36	0	22.22	22.38	22.32		
15	QPSK	36	20	22.31	22.28	22.32	23.5	0
15	QPSK	36	39	22.32	22.31	22.34		
15	QPSK	75	0	22.31	22.33	22.32		
15	16QAM	1	0	22.21	22.34	22.22		
15	16QAM	1	37	22.34	22.20	22.27	23.5	0
15	16QAM	1	74	22.01	22.27	22.30		
15	16QAM	36	0	22.17	22.18	22.33		
15	16QAM	36	20	22.26	22.22	22.28	23	0.5
15	16QAM	36	39	22.35	22.34	22.36		
15	16QAM	75	0	22.31	22.30	22.33		
15	64QAM	1	0	22.03	22.02	22.04		
15	64QAM	1	37	22.12	22.04	22.01	23	0.5
15	64QAM	1	74	22.04	22.03	22.07		
15	64QAM	36	0	21.57	21.58	21.68		
15	64QAM	36	20	21.60	21.52	21.61	22	1.5
15	64QAM	36	39	21.62	21.56	21.60		
15	64QAM	75	0	21.64	21.58	21.58		
15	256QAM	1	0	18.72	18.74	18.58		
15	256QAM	1	37	18.86	18.67	18.96	20	3.5
15	256QAM	1	74	18.48	18.85	18.80		
15	256QAM	36	0	18.79	18.74	18.77		
15	256QAM	36	20	18.84	18.71	18.98	20	3.5
15	256QAM	36	39	18.98	18.97	19.09		
15	256QAM	75	0	18.79	18.84	18.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.24	22.37	22.24		
10	QPSK	1	25	22.32	22.21	22.28	23.5	0
10	QPSK	1	49	22.00	22.26	22.31		
10	QPSK	25	0	22.18	22.20	22.32		
10	QPSK	25	12	22.28	22.24	22.26	23.5	0
10	QPSK	25	25	22.35	22.32	22.36		
10	QPSK	50	0	22.32	22.27	22.30		
10	16QAM	1	0	22.18	22.28	22.17		
10	16QAM	1	25	22.31	22.14	22.23	23.5	0
10	16QAM	1	49	22.10	22.23	22.27		
10	16QAM	25	0	22.11	22.14	22.30		
10	16QAM	25	12	22.24	22.17	22.25	23	0.5
10	16QAM	25	25	22.31	22.31	22.33		
10	16QAM	50	0	22.28	22.27	22.30		
10	64QAM	1	0	22.20	22.34	22.19		
10	64QAM	1	25	22.29	22.16	22.25	23	0.5
10	64QAM	1	49	22.07	22.21	22.27		
10	64QAM	25	0	21.64	21.65	21.79		
10	64QAM	25	12	21.72	21.73	21.74	22	1.5
10	64QAM	25	25	21.81	21.84	21.80		
10	64QAM	50	0	21.78	21.71	21.75		
10	256QAM	1	0	18.68	18.79	18.73		
10	256QAM	1	25	18.72	18.68	18.81	20	3.5
10	256QAM	1	49	18.51	18.66	18.82		
10	256QAM	25	0	18.63	18.59	18.86		
10	256QAM	25	12	18.69	18.77	18.72	20	3.5
10	256QAM	25	25	18.83	18.77	18.82		
10	256QAM	50	0	18.81	18.85	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.31	22.20		
5	QPSK	1	12	22.28	22.17	22.25	23.5	0
5	QPSK	1	24	22.04	22.21	22.25		
5	QPSK	12	0	22.13	22.15	22.29		
5	QPSK	12	7	22.24	22.21	22.20	23.5	0
5	QPSK	12	13	22.32	22.26	22.32		
5	QPSK	25	0	22.30	22.25	22.27		
5	16QAM	1	0	22.13	22.23	22.15		
5	16QAM	1	12	22.27	22.11	22.21	23.5	0
5	16QAM	1	24	22.04	22.18	22.21		
5	16QAM	12	0	22.07	22.10	22.27		
5	16QAM	12	7	22.19	22.12	22.19	23	0.5
5	16QAM	12	13	22.28	22.28	22.30		
5	16QAM	25	0	22.26	22.24	22.28		
5	64QAM	1	0	22.16	22.28	22.15		
5	64QAM	1	12	22.23	22.10	22.19	23	0.5
5	64QAM	1	24	22.01	22.18	22.22		
5	64QAM	12	0	21.62	21.60	21.76		
5	64QAM	12	7	21.69	21.71	21.71	22	1.5
5	64QAM	12	13	21.77	21.78	21.75		
5	64QAM	25	0	21.72	21.67	21.71		
5	256QAM	1	0	18.67	18.83	18.75		
5	256QAM	1	12	18.73	18.60	18.82	20	3.5
5	256QAM	1	24	18.49	18.74	18.82		
5	256QAM	12	0	18.71	18.58	18.70		
5	256QAM	12	7	18.77	18.80	18.80	20	3.5
5	256QAM	12	13	18.78	18.80	18.77		
5	256QAM	25	0	18.87	18.74	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.15	22.29	22.18		
3	QPSK	1	8	22.22	22.13	22.22	23.5	0
3	QPSK	1	14	22.08	22.19	22.22		
3	QPSK	8	0	22.10	22.11	22.24		
3	QPSK	8	4	22.21	22.17	22.17	23.5	0
3	QPSK	8	7	22.29	22.21	22.28		
3	QPSK	15	0	22.26	22.19	22.21		
3	16QAM	1	0	22.08	22.18	22.10		
3	16QAM	1	8	22.25	22.07	22.18	23.5	0
3	16QAM	1	14	22.00	22.13	22.17		
3	16QAM	8	0	22.01	22.06	22.24		
3	16QAM	8	4	22.14	22.08	22.15	23	0.5
3	16QAM	8	7	22.24	22.17	22.25		
3	16QAM	15	0	22.22	22.21	22.25		
3	64QAM	1	0	22.12	22.22	22.12		
3	64QAM	1	8	22.21	22.10	22.15	23	0.5
3	64QAM	1	14	22.06	22.15	22.19		
3	64QAM	8	0	21.56	21.54	21.72		
3	64QAM	8	4	21.63	21.66	21.67	22	1.5
3	64QAM	8	7	21.73	21.72	21.71		
3	64QAM	15	0	21.66	21.64	21.68		
3	256QAM	1	0	18.76	18.69	18.58		
3	256QAM	1	8	18.68	18.58	18.83	20	3.5
3	256QAM	1	14	18.52	18.60	18.60		
3	256QAM	8	0	18.69	18.63	18.67		
3	256QAM	8	4	18.62	18.65	18.55	20	3.5
3	256QAM	8	7	18.75	18.74	18.85		
3	256QAM	15	0	18.68	18.77	18.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.10	22.26	22.13		
1.4	QPSK	1	3	22.20	22.09	22.17	23.5	0
1.4	QPSK	1	5	22.04	22.14	22.17		
1.4	QPSK	3	0	22.07	22.06	22.19		
1.4	QPSK	3	1	22.19	22.13	22.13	23.5	0
1.4	QPSK	3	3	22.24	22.19	22.24		
1.4	QPSK	6	0	22.23	22.17	22.18		
1.4	16QAM	1	0	22.04	22.12	22.06		
1.4	16QAM	1	3	22.22	22.04	22.14	23.5	0
1.4	16QAM	1	5	22.07	22.09	22.15		
1.4	16QAM	3	0	22.05	22.03	22.20		
1.4	16QAM	3	1	22.09	22.05	22.13	23	0.5
1.4	16QAM	3	3	22.19	22.17	22.22		
1.4	16QAM	6	0	22.19	22.16	22.20		
1.4	64QAM	1	0	22.10	22.18	22.09		
1.4	64QAM	1	3	22.17	22.02	22.13	23	0.5
1.4	64QAM	1	5	22.03	22.10	22.15		
1.4	64QAM	3	0	22.02	22.09	22.18		
1.4	64QAM	3	1	22.08	22.12	22.13		
1.4	64QAM	3	3	22.17	22.19	22.19	22	1.5
1.4	64QAM	6	0	21.60	21.61	21.64		
1.4	256QAM	1	0	18.61	18.77	18.58		
1.4	256QAM	1	3	18.75	18.53	18.71	20	3.5
1.4	256QAM	1	5	18.50	18.73	18.74		
1.4	256QAM	3	0	18.55	18.46	18.69		
1.4	256QAM	3	1	18.76	18.59	18.65	20	3.5
1.4	256QAM	3	3	18.85	18.78	18.67		
1.4	256QAM	6	0	18.65	18.63	18.77		

Band 66 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	14.39	14.51	14.42		
20	QPSK	1	49	14.36	14.32	14.33	15.8	0
20	QPSK	1	99	14.31	14.35	14.29		
20	QPSK	50	0	14.31	14.41	14.33		
20	QPSK	50	24	14.22	14.25	14.21	15.8	0
20	QPSK	50	50	14.20	14.24	14.21		
20	QPSK	100	0	14.17	14.19	14.15		
20	16QAM	1	0	14.39	14.42	14.42		
20	16QAM	1	49	14.36	14.32	14.33	15.8	0
20	16QAM	1	99	14.31	14.35	14.29		
20	16QAM	50	0	14.31	14.41	14.33		
20	16QAM	50	24	14.22	14.25	14.21	15.8	0
20	16QAM	50	50	14.22	14.34	14.22		
20	16QAM	100	0	14.17	14.19	14.15		
20	64QAM	1	0	14.32	14.47	14.39		
20	64QAM	1	49	14.30	14.26	14.25	15.8	0
20	64QAM	1	99	14.27	14.33	14.23		
20	64QAM	50	0	14.28	14.37	14.26		
20	64QAM	50	24	14.19	14.22	14.19	15.8	0
20	64QAM	50	50	14.22	14.25	14.15		
20	64QAM	100	0	14.24	14.30	14.20		
20	256QAM	1	0	14.32	14.45	14.38		
20	256QAM	1	49	14.31	14.28	14.26	15.8	0
20	256QAM	1	99	14.25	14.31	14.26		
20	256QAM	50	0	14.24	14.33	14.29		
20	256QAM	50	24	14.25	14.25	14.21	15.8	0
20	256QAM	50	50	14.20	14.29	14.24		
20	256QAM	100	0	14.26	14.42	14.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.36	14.44	14.38		
15	QPSK	1	37	14.29	14.29	14.31	15.8	0
15	QPSK	1	74	14.23	14.31	14.23		
15	QPSK	36	0	14.23	14.34	14.31		
15	QPSK	36	20	14.19	14.22	14.14	15.8	0
15	QPSK	36	39	14.17	14.19	14.18		
15	QPSK	75	0	14.10	14.14	14.08		
15	16QAM	1	0	14.37	14.38	14.39		
15	16QAM	1	37	14.28	14.27	14.25	15.8	0

Band 38 Ant1 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.28	16.42	16.36	17.9	0
20	QPSK	1	49	16.37	16.33	16.19		
20	QPSK	1	99	16.23	16.39	16.38		
20	QPSK	50	0	16.21	16.39	16.30	17.9	0
20	QPSK	50	24	16.39	16.33	16.36		
20	QPSK	50	50	16.35	16.37	16.28		
20	QPSK	100	0	16.33	16.38	16.25		
20	16QAM	1	0	16.25	16.20	16.26	17.9	0
20	16QAM	1	49	16.30	16.37	16.35		
20	16QAM	1	99	16.32	16.34	16.31		
20	16QAM	50	0	16.19	16.22	16.26	17.9	0
20	16QAM	50	24	16.33	16.29	16.28		
20	16QAM	50	50	16.30	16.33	16.28		
20	16QAM	100	0	16.31	16.31	16.17		
20	64QAM	1	0	16.14	16.22	16.26	17.9	0
20	64QAM	1	49	16.34	16.30	16.34		
20	64QAM	1	99	16.23	16.26	16.36		
20	64QAM	50	0	16.19	16.21	16.27	17.9	0
20	64QAM	50	24	16.34	16.28	16.22		
20	64QAM	50	50	16.32	16.30	16.19		
20	64QAM	100	0	16.29	16.33	16.36		
20	256QAM	1	0	16.07	16.10	16.24	17.9	0
20	256QAM	1	49	16.29	16.20	16.24		
20	256QAM	1	99	16.07	16.12	16.29		
20	256QAM	50	0	16.04	16.13	16.14	17.9	0
20	256QAM	50	24	16.20	16.17	16.05		
20	256QAM	50	50	16.24	16.22	16.04		
20	256QAM	100	0	16.13	16.15	16.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.26	16.40	16.32	17.9	0
15	QPSK	1	37	16.33	16.32	16.14		
15	QPSK	1	74	16.22	16.37	16.33		
15	QPSK	36	0	16.19	16.36	16.28	17.9	0
15	QPSK	36	20	16.34	16.30	16.31		
15	QPSK	36	39	16.32	16.34	16.23		
15	QPSK	75	0	16.31	16.36	16.22		
15	16QAM	1	0	16.22	16.15	16.23	17.9	0
15	16QAM	1	37	16.29	16.35	16.33		
15	16QAM	1	74	16.31	16.32	16.29		
15	16QAM	36	0	16.15	16.18	16.24	17.9	0
15	16QAM	36	20	16.32	16.26	16.27		
15	16QAM	36	39	16.26	16.31	16.27		
15	16QAM	75	0	16.28	16.30	16.15		
15	64QAM	1	0	16.10	16.17	16.23	17.9	0
15	64QAM	1	37	16.31	16.25	16.32		
15	64QAM	1	74	16.20	16.22	16.31		
15	64QAM	36	0	16.17	16.16	16.23	17.9	0
15	64QAM	36	20	16.31	16.25	16.19		
15	64QAM	36	39	16.28	16.29	16.17		
15	64QAM	75	0	16.26	16.30	16.32		
15	256QAM	1	0	16.04	16.07	16.22	17.9	0
15	256QAM	1	37	16.25	16.17	16.21		
15	256QAM	1	74	16.05	16.08	16.26		
15	256QAM	36	0	16.01	16.08	16.11	17.9	0
15	256QAM	36	20	16.17	16.14	16.02		
15	256QAM	36	39	16.23	16.19	16.01		
15	256QAM	75	0	16.12	16.11	16.17		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.26	16.39	16.32	17.9	0
10	QPSK	1	25	16.33	16.30	16.18		
10	QPSK	1	49	16.21	16.35	16.37		
10	QPSK	25	0	16.17	16.35	16.25	17.9	0
10	QPSK	25	12	16.35	16.31	16.35		
10	QPSK	25	25	16.33	16.34	16.26		
10	QPSK	50	0	16.30	16.34	16.24		
10	16QAM	1	0	16.21	16.16	16.23	17.9	0
10	16QAM	1	25	16.26	16.34	16.33		
10	16QAM	1	49	16.29	16.30	16.28		
10	16QAM	25	0	16.18	16.21	16.22	17.9	0
10	16QAM	25	12	16.30	16.26	16.23		
10	16QAM	25	25	16.29	16.30	16.24		
10	16QAM	50	0	16.29	16.29	16.14		
10	64QAM	1	0	16.13	16.18	16.25	17.9	0
10	64QAM	1	25	16.30	16.27	16.29		
10	64QAM	1	49	16.20	16.22	16.31		
10	64QAM	25	0	16.15	16.18	16.23	17.9	0
10	64QAM	25	12	16.32	16.25	16.20		
10	64QAM	25	25	16.29	16.27	16.15		
10	64QAM	50	0	16.26	16.32	16.34		
10	256QAM	1	0	16.04	16.06	16.22	17.9	0
10	256QAM	1	25	16.25	16.18	16.19		
10	256QAM	1	49	16.04	16.11	16.28		
10	256QAM	25	0	16.01	16.09	16.09	17.9	0
10	256QAM	25	12	16.19	16.15	16.03		
10	256QAM	25	25	16.20	16.18	16.02		
10	256QAM	50	0	16.11	16.12	16.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.25	16.38	16.33	17.9	0
5	QPSK	1	12	16.35	16.32	16.14		
5	QPSK	1	24	16.22	16.38	16.34		
5	QPSK	12	0	16.16	16.36	16.26	17.9	0
5	QPSK	12	7	16.35	16.30	16.35		
5	QPSK	12	13	16.32	16.34	16.25		
5	QPSK	25	0	16.29	16.37	16.22		
5	16QAM	1	0	16.24	16.17	16.23	17.9	0
5	16QAM	1	12	16.26	16.36	16.31		
5	16QAM	1	24	16.28	16.33	16.30		
5	16QAM	12	0	16.14	16.21	16.25	17.9	0
5	16QAM	12	7	16.31	16.24	16.24		
5	16QAM	12	13	16.27	16.31	16.26		
5	16QAM	25	0	16.27	16.28	16.15		
5	64QAM	1	0	16.12	16.20	16.22	17.9	0
5	64QAM	1	12	16.31	16.28	16.33		
5	64QAM	1	24	16.18	16.21	16.33		
5	64QAM	12	0	16.17	16.18	16.26	17.9	0
5	64QAM	12	7	16.29	16.27	16.18		
5	64QAM	12	13	16.31	16.26	16.15		
5	64QAM	25	0	16.25	16.28	16.34		
5	256QAM	1	0	16.05	16.07	16.20	17.9	0
5	256QAM	1	12	16.25	16.16	16.23		
5	256QAM	1	24	16.04	16.11	16.26		
5	256QAM	12	0	16.01	16.10	16.09	17.9	0
5	256QAM	12	7	16.18	16.15	16.02		
5	256QAM	12	13	16.20	16.20	16.00		
5	256QAM	25	0	16.11	16.11	16.19		

Band 38 PC2 Ant1 DSI3 Simultaneous Power

BW [MHz]	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	18.37	18.41	18.35	19.5	0
20	QPSK	1	49	18.08	18.20	18.28		
20	QPSK	1	99	18.29	18.09	18.16		
20	QPSK	50	0	18.33	18.30	18.39	19.5	0
20	QPSK	50	24	18.25	18.19	18.15		
20	QPSK	50	50	18.21	18.27	18.31		
20	QPSK	100	0	18.23	18.28	18.10		
20	16QAM	1	0	18.09	18.10	18.19	19.5	0
20	16QAM	1	49	18.27	18.28	18.24		
20	16QAM	1	99	18.23	18.26	18.04		
20	16QAM	50	0	18.13	18.15	18.24	19.5	0
20	16QAM	50	24	18.30	18.24	18.16		
20	16QAM	50	50	18.25	18.26	18.17		
20	16QAM	100	0	18.24	18.23	18.19		
20	64QAM	1	0	18.22	18.28	18.13	19.5	0
20	64QAM	1	49	18.14	18.03	18.09		
20	64QAM	1	99	18.23	18.29	18.14		
20	64QAM	50	0	18.13	18.17	18.19	19.5	0
20	64QAM	50	24	18.28	18.21	18.17		
20	64QAM	50	50	18.23	18.26	18.25		
20	64QAM	100	0	18.18	18.21	18.15		
20	256QAM	1	0	18.15	18.20	18.06	19.5	0
20	256QAM	1	49	18.05	17.89	17.95		
20	256QAM	1	99	18.09	18.22	18.00		
20	256QAM	50	0	18.08	18.05	18.05	19.5	0
20	256QAM	50	24	18.19	18.11	18.13		
20	256QAM	50	50	18.11	18.10	18.10		
20	256QAM	100	0	18.15	18.13	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.33	18.37	18.37	19.5	0
15	QPSK	1	37	18.05	18.18	18.26		
15	QPSK	1	74	18.27	18.08	18.15		
15	QPSK	36	0	18.06	18.27	18.17	19.5	0
15	QPSK	36	20	18.22	18.17	18.12		
15	QPSK	36	39	18.19	18.24	18.30		
15	QPSK	75	0	18.18	18.25	18.08		
15	16QAM	1	0	18.07	18.06	18.16	19.5	0
15	16QAM	1	37	18.24	18.26	18.22		
15	16QAM	1	74	18.19	18.24	17.99		
15	16QAM	36	0	18.09	18.13	18.21	19.5	0
15	16QAM	36	20	18.28	18.21	18.15		
15	16QAM	36	39	18.21	18.22	18.13		
15	16QAM	75	0	18.22	18.18	18.18		
15	64QAM	1	0	18.21	18.23	18.12	19.5	0
15	64QAM	1	37	18.10	18.01	18.07		
15	64QAM	1	74	18.19	18.25	18.12		
15	64QAM	36	0	18.11	18.14	18.16	19.5	0
15	64QAM	36	20	18.26	18.16	18.15		
15	64QAM	36	39	18.18	18.22	18.23		
15	64QAM	75	0	18.15	18.20	18.11		
15	256QAM	1	0	18.11	18.15	18.01	19.5	0
15	256QAM	1	37	18.02	17.87	17.92		
15	256QAM	1	74	18.05	18.18	17.96		
15	256QAM	36	0	18.07	18.04	18.01	19.5	0
15	256QAM	36	20	18.17	18.08	18.12		
15	256QAM	36	39	18.07	18.05	18.07		
15	256QAM	75	0	18.10	18.08	17.96		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.35	18.39	18.36	19.5	0
10	QPSK	1	25	18.03	18.17	18.26		
10	QPSK	1	49	18.27	18.06	18.11		
10	QPSK	25	0	18.05	18.27	18.15	19.5	0
10	QPSK	25	12	18.23	18.15	18.13		
10	QPSK	25	25	18.18	18.23	18.27		
10	QPSK	50	0	18.20	18.24	18.07		
10	16QAM	1	0	18.04	18.07	18.14	19.5	0
10	16QAM	1	25	18.23	18.24	18.19		
10	16QAM	1	49	18.19	18.24	18.00		
10	16QAM	25	0	18.09	18.10	18.20	19.5	0
10	16QAM	25	12	18.28	18.22	18.12		
10	16QAM	25	25	18.22	18.25	18.16		
10	16QAM	50	0	18.21	18.18	18.18		
10	64QAM	1	0	18.19	18.23	18.11	19.5	0
10	64QAM	1	25	18.10	17.99	18.04		
10	64QAM	1	49	18.18	18.24	18.12		
10	64QAM	25	0	18.10	18.14	18.16	19.5	0
10	64QAM	25	12	18.24	18.19	18.14		
10	64QAM	25	25	18.20	18.23	18.21		
10	64QAM	50	0	18.17	18.19	18.14		
10	256QAM	1	0	18.13	18.18	18.05	19.5	0
10	256QAM	1	25	18.00	17.85	17.90		
10	256QAM	1	49	18.05	18.21	17.97		
10	256QAM	25	0	18.06	18.03	18.03	19.5	0
10	256QAM	25	12	18.15	18.08	18.10		
10	256QAM	25	25	18.07	18.06	18.05		
10	256QAM	50	0	18.12	18.11	17.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.35	18.38	18.38	19.5	0
5	QPSK	1	12	18.04	18.16	18.25		
5	QPSK	1	24	18.24	18.07	18.12		
5	QPSK	12	0	18.07	18.29	18.16	19.5	0
5	QPSK	12	7	18.21	18.15	18.12		
5	QPSK	12	13	18.19	18.25	18.30		
5	QPSK	25	0	18.19	18.24	18.09		
5	16QAM	1	0	18.04	18.08	18.16	19.5	0
5	16QAM	1	12	18.24	18.24	18.19		
5	16QAM	1	24	18.21	18.22	18.03		
5	16QAM	12	0	18.09	18.11	18.22	19.5	0
5	16QAM	12	7	18.25	18.21	18.14		
5	16QAM	12	13	18.20	18.22	18.16		
5	16QAM	25	0	18.21	18.19	18.16		
5	64QAM	1	0	18.21	18.25	18.09	19.5	0
5	64QAM	1	12	18.11	18.00	18.08		
5	64QAM	1	24	18.19	18.27	18.11		
5	64QAM	12	0	18.09	18.14	18.17	19.5	0
5	64QAM	12	7	18.26	18.19	18.12		
5	64QAM	12	13	18.20	18.21	18.21		
5	64QAM	25	0	18.15	18.19	18.14		
5	256QAM	1	0	18.11	18.19	18.05	19.5	0
5	256QAM	1	12	18.00	17.87	17.90		
5	256QAM	1	24	18.06	18.18	17.97		
5	256QAM	12	0	18.07	18.01	18.00	19.5	0
5	256QAM	12	7	18.15	18.07	18.11		
5	256QAM	12	13	18.09	18.08	18.05		
5	256QAM	25	0	18.13	18.10	17.94		

Band 41 Ant1 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.12	16.05	16.24	16.09	16.08	17.5	0
20	QPSK	1	49	15.95	16.05	16.09	16.20	16.19		
20	QPSK	1	99	16.02	16.06	16.20	16.18	16.21		
20	QPSK	50	0	15.97	15.96	16.20	15.94	15.95	17.5	0
20	QPSK	50	24	15.97	16.02	15.94	15.98	15.98		
20	QPSK	50	50	16.00	15.97	16.03	15.90	15.96		
20	QPSK	100	0	15.99	16.07	16.18	16.14	16.06		
20	16QAM	1	0	15.79	15.84	15.82	15.74	15.54	17.5	0
20	16QAM	1	49	15.76	15.75	15.82	15.69	15.72		
20	16QAM	1	99	15.80	15.91	15.57	15.60	15.52		
20	16QAM	50	0	15.85	15.74	15.81	15.77	15.81	17.5	0
20	16QAM	50	24	15.95	15.81	15.93	15.97	16.01		
20	16QAM	50	50	15.95	15.77	15.90	15.88	15.92		
20	16QAM	100	0	15.94	16.04	16.00	16.16	16.07		
20	64QAM	1	0	15.70	15.88	15.70	15.78	15.75	17.5	0
20	64QAM	1	49	15.85	15.88	15.88	15.90	15.61		
20	64QAM	1	99	15.81	15.90	15.77	15.84	15.79		
20	64QAM	50	0	15.99	16.03	16.10	16.05	16.09	17.5	0
20	64QAM	50	24	15.94	16.11	15.89	16.07	15.91		
20	64QAM	50	50	15.95	16.07	16.04	16.17	16.02		
20	64QAM	100	0	15.92	16.05	15.97	16.13	16.09		
20	256QAM	1	0	15.94	15.83	15.88	15.64	15.65	17.5	0
20	256QAM	1	49	15.75	15.77	15.77	15.75	15.64		
20	256QAM	1	99	15.64	15.87	15.69	15.72	15.74		
20	256QAM	50	0	15.91	15.92	15.97	15.92	16.06	17.5	0
20	256QAM	50	24	15.79	16.00	15.81	15.92	15.79		
20	256QAM	50	50	15.83	15.99	15.91	15.99	15.96		
20	256QAM	100	0	15.80	15.94	15.84	16.08	16.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.08	16.02	16.22	16.06	16.07	17.5	0
15	QPSK	1	37	15.92	16.03	16.04	16.18	16.15		
15	QPSK	1	74	15.98	16.02	16.16	16.13	16.21		
15	QPSK	36	0	15.96	15.95	16.16	15.92	15.93	17.5	0
15	QPSK	36	20	15.95	15.97	15.91	15.96	15.93		
15	QPSK	36	39	15.97	15.92	16.01	15.88	15.94		
15	QPSK	75	0	15.95	16.05	16.15	16.11	16.02		
15	16QAM	1	0	15.76	15.82	15.79	15.70	15.52	17.5	0
15	16QAM	1	37	15.72	15.72	15.78	15.66	15.69		
15	16QAM	1	74	15.76	15.89	15.55	15.55	15.54		
15	16QAM	36	0	15.81	15.69	15.77	15.76	15.80	17.5	0
15	16QAM	36	20	15.92	15.78	15.92	15.95	15.96		
15	16QAM	36	39	15.93	15.75	15.86	15.84	15.91		
15	16QAM	75	0	15.91	15.99	15.97	16.12	16.05		
15	64QAM	1	0	15.66	15.85	15.68	15.77	15.72	17.5	0
15	64QAM	1	37	15.84	15.85	15.86	15.85	15.59		
15	64QAM	1	74	15.77	15.89	15.74	15.81	15.74		
15	64QAM	36	0	15.95	15.98	16.08	16.00	16.05	17.5	0
15	64QAM	36	20	15.90	16.10	15.85	16.04	15.87		
15	64QAM	36	39	15.91	16.04	16.01	16.13	16.00		
15	64QAM	75	0	15.91	16.04	15.94	16.09	16.08		
15	256QAM	1	0	15.92	15.81	15.86	15.62	15.61	17.5	0
15	256QAM	1	37	15.72	15.72	15.75	15.70	15.60		
15	256QAM	1	74	15.60	15.86	15.64	15.71	15.69		
15	256QAM	36	0	15.87	15.89	15.93	15.90	16.02	17.5	0
15	256QAM	36	20	15.74	15.95	15.77	15.88	15.74		
15	256QAM	36	39	15.80	15.97	15.90	15.95	15.94		
15	256QAM	75	0	15.79	15.92	15.81	16.06	15.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.07	16.02	16.21	16.08	16.06	17.5	0
10	QPSK	1	25	15.92	16.03	16.07	16.18	16.18		
10	QPSK	1	49	16.00	16.01	16.16	16.16	16.20		
10	QPSK	25	0	15.95	15.94	16.18	15.89	15.90	17.5	0
10	QPSK	25	12	15.95	15.99	15.92	15.96	15.95		
10	QPSK	25	25	15.96	15.94	16.01	15.86	15.93		
10	QPSK	50	0	15.96	16.04	16.14	16.10	16.03		
10	16QAM	1	0	15.78	15.82	15.80	15.73	15.50	17.5	0
10	16QAM	1	25	15.75	15.72	15.80	15.66	15.70		
10	16QAM	1	49	15.76	15.87	15.54	15.55	15.50		
10	16QAM	25	0	15.82	15.72	15.77	15.72	15.79	17.5	0
10	16QAM	25	12	15.91	15.76	15.91	15.92	15.96		
10	16QAM	25	25	15.91	15.75	15.86	15.84	15.89		
10	16QAM	50	0	15.91	16.00	15.97	16.15	16.04		
10	64QAM	1	0	15.66	15.84	15.66	15.77	15.72	17.5	0
10	64QAM	1	25	15.84	15.84	15.85	15.85	15.58		
10	64QAM	1	49	15.76	15.88	15.73	15.80	15.76		
10	64QAM	25	0	15.98	15.98	16.08	16.04	16.04	17.5	0
10	64QAM	25	12	15.92	16.07	15.87	16.05	15.90		
10	64QAM	25	25	15.91	16.06	16.00	16.13	15.99		
10	64QAM	50	0	15.89	16.00	15.92	16.08	16.06		
10	256QAM	1	0	15.90	15.82	15.84	15.63	15.60	17.5	0
10	256QAM	1	25	15.70	15.74	15.73	15.72	15.59		
10	256QAM	1	49	15.61	15.86	15.68	15.68	15.71		
10	256QAM	25	0	15.90	15.88	15.93	15.87	16.02	17.5	0
10	256QAM	25	12	15.77	15.96	15.80	15.89	15.78		
10	256QAM	25	25	15.78	15.95	15.89	15.95	15.93		
10	256QAM	50	0	15.77	15.93	15.82	16.03	15.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.11	16.03	16.21	16.07	16.05	17.5	0
5	QPSK	1	12	15.92	16.02	16.08	16.18	16.15		
5	QPSK	1	24	15.97	16.02	16.19	16.14	16.22		
5	QPSK	12	0	15.94	15.94	16.16	15.91	15.94	17.5	0
5	QPSK	12	7	15.93	15.99	15.90	15.96	15.96		
5	QPSK	12	13	15.98	15.93	16.01	15.89	15.92		
5	QPSK	25	0	15.97	16.02	16.16	16.11	16.05		
5	16QAM	1	0	15.76	15.80	15.80	15.72	15.51	17.5	0
5	16QAM	1	12	15.73	15.72	15.79	15.65	15.69		
5	16QAM	1	24	15.78	15.90	15.52	15.56	15.51		
5	16QAM	12	0	15.83	15.71	15.78	15.73	15.77	17.5	0
5	16QAM

Band 42 Ant2 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	13.56	13.70	13.69		
20	QPSK	1	49	13.49	13.53	13.68	14.9	0
20	QPSK	1	99	13.61	13.53	13.49		
20	QPSK	50	0	13.61	13.62	13.51		
20	QPSK	50	24	13.35	13.50	13.52	14.9	0
20	QPSK	50	50	13.49	13.42	13.46		
20	QPSK	100	0	13.52	13.61	13.47		
20	16QAM	1	0	13.41	13.49	13.47		
20	16QAM	1	49	13.53	13.56	13.53	14.9	0
20	16QAM	1	99	13.59	13.69	13.57		
20	16QAM	50	0	13.57	13.49	13.63		
20	16QAM	50	24	13.63	13.40	13.40	14.9	0
20	16QAM	50	50	13.40	13.69	13.36		
20	16QAM	100	0	13.58	13.51	13.57		
20	64QAM	1	0	13.65	13.60	13.56		
20	64QAM	1	49	13.56	13.57	13.64	14.9	0
20	64QAM	1	99	13.52	13.40	13.59		
20	64QAM	50	0	13.68	13.61	13.53		
20	64QAM	50	24	13.51	13.46	13.67	14.9	0
20	64QAM	50	50	13.50	13.59	13.40		
20	64QAM	100	0	13.43	13.43	13.50		
20	256QAM	1	0	13.62	13.57	13.49		
20	256QAM	1	49	13.40	13.59	13.59	14.9	0
20	256QAM	1	99	13.58	13.42	13.53		
20	256QAM	50	0	13.51	13.37	13.69		
20	256QAM	50	24	13.55	13.63	13.64	14.9	0
20	256QAM	50	50	13.53	13.62	13.54		
20	256QAM	100	0	13.61	13.35	13.66		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	13.58	13.68	13.64		
15	QPSK	1	37	13.41	13.53	13.60	14.9	0
15	QPSK	1	74	13.65	13.59	13.43		
15	QPSK	36	0	13.64	13.46	13.56		
15	QPSK	36	20	13.34	13.45	13.61	14.9	0
15	QPSK	36	39	13.49	13.55	13.39		
15	QPSK	75	0	13.50	13.53	13.43		
15	16QAM	1	0	13.65	13.50	13.54		
15	16QAM	1	37	13.50	13.55	13.50	14.9	0
15	16QAM	1	74	13.54	13.69	13.61		
15	16QAM	36	0	13.53	13.41	13.43		
15	16QAM	36	20	13.57	13.39	13.45	14.9	0
15	16QAM	36	39	13.39	13.63	13.37		
15	16QAM	75	0	13.64	13.61	13.56		
15	64QAM	1	0	13.69	13.63	13.50		
15	64QAM	1	37	13.69	13.48	13.64	14.9	0
15	64QAM	1	74	13.57	13.43	13.53		
15	64QAM	36	0	13.69	13.68	13.51		
15	64QAM	36	20	13.49	13.47	13.24	14.9	0
15	64QAM	36	39	13.57	13.59	13.49		
15	64QAM	75	0	13.40	13.40	13.49		
15	256QAM	1	0	13.60	13.61	13.55		
15	256QAM	1	37	13.49	13.54	13.61	14.9	0
15	256QAM	1	74	13.64	13.35	13.57		
15	256QAM	36	0	13.46	13.49	13.60		
15	256QAM	36	20	13.64	13.51	13.55	14.9	0
15	256QAM	36	39	13.55	13.64	13.56		
15	256QAM	75	0	13.62	13.46	13.61		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	13.66	13.63	13.68		
10	QPSK	1	25	13.50	13.62	13.64	14.9	0
10	QPSK	1	49	13.62	13.50	13.47		
10	QPSK	25	0	13.65	13.64	13.52		
10	QPSK	25	12	13.41	13.51	13.60	14.9	0
10	QPSK	25	25	13.47	13.46	13.38		
10	QPSK	50	0	13.57	13.51	13.49		
10	16QAM	1	0	13.70	13.60	13.61		
10	16QAM	1	25	13.50	13.54	13.51	14.9	0
10	16QAM	1	49	13.59	13.62	13.59		
10	16QAM	25	0	13.54	13.46	13.68		
10	16QAM	25	12	13.56	13.47	13.48	14.9	0
10	16QAM	25	25	13.42	13.67	13.49		
10	16QAM	50	0	13.60	13.53	13.50		
10	64QAM	1	0	13.67	13.65	13.52		
10	64QAM	1	25	13.57	13.48	13.62	14.9	0
10	64QAM	1	49	13.49	13.45	13.61		
10	64QAM	25	0	13.55	13.70	13.45		
10	64QAM	25	12	13.53	13.48	13.56	14.9	0
10	64QAM	25	25	13.49	13.53	13.46		
10	64QAM	50	0	13.45	13.36	13.52		
10	256QAM	1	0	13.62	13.68	13.59		
10	256QAM	1	25	13.42	13.53	13.55	14.9	0
10	256QAM	1	49	13.60	13.35	13.52		
10	256QAM	25	0	13.55	13.41	13.60		
10	256QAM	25	12	13.60	13.58	13.62	14.9	0
10	256QAM	25	25	13.51	13.66	13.57		
10	256QAM	50	0	13.59	13.47	13.63		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	13.59	13.68	13.62		
5	QPSK	1	12	13.51	13.55	13.63	14.9	0
5	QPSK	1	24	13.66	13.47	13.41		
5	QPSK	12	0	13.63	13.62	13.53		
5	QPSK	12	7	13.43	13.42	13.58	14.9	0
5	QPSK	12	13	13.44	13.44	13.47		
5	QPSK	25	0	13.49	13.50	13.47		
5	16QAM	1	0	13.67	13.47	13.58		
5	16QAM	1	12	13.46	13.45	13.50	14.9	0
5	16QAM	1	24	13.52	13.62	13.63		
5	16QAM	12	0	13.45	13.41	13.66		
5	16QAM	12	7	13.54	13.39	13.49	14.9	0
5	16QAM	12	13	13.48	13.44	13.38		
5	16QAM	25	0	13.58	13.61	13.54		
5	64QAM	1	0	13.67	13.68	13.46		
5	64QAM	1	12	13.66	13.50	13.47	14.9	0
5	64QAM	1	24	13.57	13.39	13.60		
5	64QAM	12	0	13.66	13.63	13.48		
5	64QAM	12	7	13.53	13.47	13.47	14.9	0
5	64QAM	12	13	13.58	13.57	13.48		
5	64QAM	25	0	13.43	13.38	13.52		
5	256QAM	1	0	13.67	13.63	13.52		
5	256QAM	1	12	13.38	13.53	13.68	14.9	0
5	256QAM	1	24	13.55	13.45	13.50		
5	256QAM	12	0	13.53	13.41	13.66		
5	256QAM	12	7	13.63	13.63	13.58	14.9	0
5	256QAM	12	13	13.56	13.63	13.58		
5	256QAM	25	0	13.66	13.42	13.69		

Band 42 Part27Q Ant2 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	13.56	13.71	13.58		
20	QPSK	1	49	13.60	13.50	13.56	14.9	0
20	QPSK	1	99	13.40	13.35	13.48		
20	QPSK	50	0	13.65	13.69	13.61		
20	QPSK	50	24	13.58	13.57	13.57	14.9	0
20	QPSK	50	50	13.49	13.53	13.61		
20	QPSK	100	0	13.53	13.56	13.42		
20	16QAM	1	0	13.48	13.36	13.43		
20	16QAM	1	49	13.39	13.36	13.38	14.9	0
20	16QAM	1	99	13.17	13.14	13.26		
20	16QAM	50	0	13.30	13.47	13.37		
20	16QAM	50	24	13.52	13.44	13.39	14.9	0
20	16QAM	50	50	13.38	13.35	13.38		
20	16QAM	100	0	13.50	13.40	13.39		
20	64QAM	1	0	13.43	13.28	13.32		
20	64QAM	1	49	13.38	13.26	13.33	14.9	0
20	64QAM	1	99	13.52	13.40	13.19		
20	64QAM	50	0	13.55	13.44	13.41		
20	64QAM	50	24	13.52	13.40	13.37	14.9	0
20	64QAM	50	50	13.34	13.30	13.37		
20	64QAM	100	0	13.51	13.39	13.36		
20	256QAM	1	0	13.32	13.18	13.27		
20	256QAM	1	49	13.30	13.15	13.23	14.9	0
20	256QAM	1	99	13.06	13.11	13.14		
20	256QAM	50	0	13.45	13.41	13.35		
20	256QAM	50	24	13.36	13.38	13.41	14.9	0
20	256QAM	50	50	13.24	13.48	13.31		
20	256QAM	100	0	13.43	13.52	13.51		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.52	13.68	13.57		
15	QPSK	1	37	13.56	13.46	13.55	14.9	0
15	QPSK	1	74	13.36	13.32	13.45		
15	QPSK	36	0	13.46	13.58	13.59		
15	QPSK	36	20	13.54	13.54	13.56	14.9	0
15	QPSK	36	39	13.47	13.51	13.59		
15	QPSK	75	0	13.48	13.54	13.40		
15	16QAM	1	0	13.46	13.32	13.42		
15	16QAM	1	37	13.37	13.35	13.33	14.9	0
15	16QAM	1	74	13.13	13.12	13.24		
15	16QAM	36	0	13.26	13.44	13.33		
15	16QAM	36	20	13.50	13.42	13.35	14.9	0
15	16QAM	36	39	13.36	13.31	13.37		
15	16QAM	75	0	13.49	13.39	13.37		
15	64QAM	1	0	13.40	13.23	13.30		
15	64QAM	1	37	13.37	13.24	13.30	14.9	0
15	64QAM	1	74	13.13	13.15	13.16		
15	64QAM	36	0	13.54	13.39	13.38		
15	64QAM	36	20	13.48	13.36	13.35	14.9	0
15	64QAM	36	39	13.31	13.29	13.35		
15	64QAM	75	0	13.48	13.35	13.32		
15	256QAM	1	0	13.31	13.16	13.24		
15	256QAM	1	37	13.29	13.13	13.21	14.9	0
15	256QAM	1	74	13.01	13.07	13.11		
15	256QAM	36	0	13.43	13.37	13.31		
15	256QAM	36	20	13.34	13.36	13.24	14.9	0
15	256QAM	36	39	13.20	13.17	13.28		
15	256QAM	75	0	13.39	13.27	13.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	13.52	13.68	13.55		
10	QPSK	1	25	13.58	13.58	13.54	14.9	0
10	QPSK	1	49	13.38	13.32	13.46		
10	QPSK	25	0	13.45	13.58	13.56		
10	QPSK	25	12	13.46	13.34	13.52	14.9	0
10	QPSK	25	25	13.48	13.49	13.59		
10	QPSK	50	0	13.48	13.53	13.38		
10	16QAM	1	0	13.45	13.34	13.42		
10	16QAM	1	25	13.38	13.33	13.35	14.9	0
10	16QAM	1	49	13.13	13.10	13.24		
10	16QAM	25	0	13.29	13.45	13.33		
10	16QAM	25	12	13.48	13.42	13.38	14.9	0
10	16QAM	25	25	13.33	13.31	13.34		
10	16QAM	50	0	13.47	13.38	13.35		
10	64QAM	1	0	13.38	13.26	13.31		
10	64QAM	1	25	13.36	13.21	13.31	14.9	0
10	64QAM	1	49	13.13	13.12	13.15		
10	64QAM	25	0	13.53	13.41	13.39		
10	64QAM	25	12	13.47	13.36	13.36	14.9	0
10	64QAM	25	25	13.30	13.28	13.38		
10	64QAM	50	0	13.48	13.34	13.35		
10	256QAM	1	0	13.30	13.16	13.23		
10	256QAM	1	25	13.25	13.13	13.20	14.9	0
10	256QAM	1	49	13.04	13.07	13.09		
10	256QAM	25	0	13.41	13.39	13.31		
10	256QAM	25	12	13.35	13.33	13.25	14.9	0
10	256QAM	25	25	13.22	13.17	13.29		
10	256QAM	50	0	13.38	13.27	13.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	13.55	13.67	13.54		
5	QPSK	1	12	13.58	13.47	13.52	14.9	0
5	QPSK	1	24	13.37	13.34	13.47		
5	QPSK	12	0	13.45	13.61	13.57		
5	QPSK	12	7	13.56	13.53	13.55	14.9	0
5	QPSK	12	13	13.46	13.49	13.56		
5	QPSK	25	0	13.50	13.54	13.39		
5	16QAM	1	0	13.47	13.33	13.42		
5	16QAM	1	12	13.37	13.32	13.34	14.9	0
5	16QAM	1	24	13.16	13.23	13.24		
5	16QAM	12	0	13.26	13.43	13.35		
5	16QAM	12	7	13.49	13.40	13.36	14.9	0
5	16QAM	12	13	13.44	13.38	13.35		
5	16QAM	25	0	13.46	13.38	13.35		
5	64QAM	1	0	13.38	13.27	13.31		
5	64QAM	1	12	13.44	13.32	13.32	14.9	0
5	64QAM	1	24	13.12	13.15	13.18		
5	64QAM	12	0	13.53	13.42	13.40		
5	64QAM	12	7	13.50	13.38	13.35	14.9	0
5	64QAM	12	13	13.31	13.27	13.37		
5	64QAM	25	0	13.49	13.38	13.35		
5	256QAM	1	0	13.31	13.14	13.23		
5	256QAM	1	12	13.28	13.10	13.21	14.9	0
5	256QAM	1	24	13.02	13.09	13.12		
5	256QAM	12	0	13.41	13.37	13.32		
5	256QAM	12	7	13.34	13.33	13.25	14.9	0
5	256QAM	12	13	13.20	13.17	13.27		
5	256QAM	25	0	13.39	13.27	13.22		

Band 43 Ant2 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43590	43990	44390		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	15.48	15.58	15.49		
20	QPSK	1	49	15.57	15.46	15.48	16.3	0
20	QPSK	1	99	15.46	15.35	15.37		
20	QPSK	50	0	15.40	15.49	15.43		
20	QPSK	50	24	15.24	15.35	15.23	16.3	0
20	QPSK	50	50	15.24	15.24	15.30		
20	QPSK	100	0	15.29	15.45	15.37		
20	16QAM	1	0	15.36	15.29	15.38		
20	16QAM	1	49	15.40	15.24	15.41	16.3	0
20	16QAM	1	99	15.21	15.17	15.24		
20	16QAM	50	0	15.34	15.43	15.28		
20	16QAM	50	24	15.43	15.36	15.42	16.3	0
20	16QAM	50	50	15.27	15.26	15.31		
20	16QAM	100	0	15.32	15.31	15.38		
20	64QAM	1	0	15.38	15.34	15.43		
20	64QAM	1	49	15.42	15.43	15.41	16.3	0
20	64QAM	1	99	15.12	15.25	15.22		
20	64QAM	50	0	15.43	15.42	15.44		
20	64QAM	50	24	15.40	15.36	15.42	16.3	0
20	64QAM	50	50	15.25	15.25	15.33		
20	64QAM	100	0	15.33	15.33	15.38		
20	256QAM	1	0	15.30	15.35	15.23		
20	256QAM	1	49	15.19	15.31	15.30	16.3	0
20	256QAM	1	99	15.10	15.19	15.14		
20	256QAM	50	0	15.28	15.33	15.31		
20	256QAM	50	24	15.33	15.29	15.24	16.3	0
20	256QAM	50	50	15.10	15.20	15.23		
20	256QAM	100	0	15.20	15.23	15.32		
Channel				43565	43990	44415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	15.35	15.52	15.38		
15	QPSK	1	37	15.52	15.36	15.43	16.3	0
15	QPSK	1	74	15.34	15.20	15.22		
15	QPSK	36	0	15.32	15.44	15.37		
15	QPSK	36	20	15.11	15.25	15.15	16.3	0
15	QPSK	36	39	15.09	15.12	15.23		
15	QPSK	75	0	15.16	15.30	15.29		
15	16QAM	1	0	15.28	15.15	15.24		
15	16QAM	1	37	15.28	15.10	15.27	16.3	0
15	16QAM	1	74	15.15	15.12	15.10		
15	16QAM	36	0	15.23	15.35	15.22		
15	16QAM	36	20	15.29	15.24	15.31	16.3	0
15	16QAM	36	39	15.20	15.21	15.23		
15	16QAM	75	0	15.21	15.17	15.28		
15	64QAM	1	0	15.24	15.28	15.34		
15	64QAM	1	37	15.29	15.29	15.35	16.3	0
15	64QAM	1	74	15.06	15.10	15.15		
15	64QAM	36	0	15.37	15.34	15.38		
15	64QAM	36	20	15.27	15.28	15.27	16.3	0
15	64QAM	36	39	15.17	15.10	15.28		
15	64QAM	75	0	15.23	15.26	15.30		
15	256QAM	1	0	15.22	15.30	15.15		
15	256QAM	1	37	15.14	15.17	15.24	16.3	0
15	256QAM	1	74	14.99	15.13	15.05		
15	256QAM	36	0	15.17	15.22	15.25		
15	256QAM	36	20	15.22	15.22	15.18	16.3	0
15	256QAM	36	39	14.96	15.14	15.18		
15	256QAM	75	0	15.11	15.14	15.20		
Channel				43540	43990	44440	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	15.38	15.50	15.36		
10	QPSK	1	25	15.43	15.32	15.35	16.3	0
10	QPSK	1	49	15.32	15.28	15.32		
10	QPSK	25	0	15.34	15.42	15.34		
10	QPSK	25	12	15.18	15.28	15.14	16.3	0
10	QPSK	25	25	15.17	15.16	15.24		
10	QPSK	50	0	15.19	15.35	15.24		
10	16QAM	1	0	15.26	15.15	15.31		
10	16QAM	1	25	15.27	15.18	15.31	16.3	0
10	16QAM	1	49	15.08	15.06	15.14		
10	16QAM	25	0	15.27	15.28	15.18		
10	16QAM	25	12	15.31	15.25	15.34	16.3	0
10	16QAM	25	25	15.19	15.13	15.25		
10	16QAM	50	0	15.23	15.32	15.30		
10	64QAM	1	0	15.25	15.19	15.30		
10	64QAM	1	25	15.28	15.30	15.33	16.3	0
10	64QAM	1	49	15.06	15.20	15.10		
10	64QAM	25	0	15.29	15.36	15.35		
10	64QAM	25	12	15.27	15.23	15.31	16.3	0
10	64QAM	25	25	15.14	15.13	15.27		
10	64QAM	50	0	15.26	15.24	15.23		
10	256QAM	1	0	15.20	15.27	15.15		
10	256QAM	1	25	15.12	15.24	15.18	16.3	0
10	256QAM	1	49	15.00	15.11	15.00		
10	256QAM	25	0	15.21	15.26	15.26		
10	256QAM	25	12	15.24	15.18	15.14	16.3	0
10	256QAM	25	25	14.99	15.13	15.12		
10	256QAM	50	0	15.14	15.13	15.24		
Channel				43515	43990	44465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	15.42	15.46	15.41		
5	QPSK	1	12	15.45	15.35	15.35	16.3	0
5	QPSK	1	24	15.39	15.25	15.32		
5	QPSK	12	0	15.34	15.57	15.35		
5	QPSK	12	7	15.50	15.21	15.18	16.3	0
5	QPSK	12	13	15.11	15.10	15.25		
5	QPSK	25	0	15.34	15.38	15.23		
5	16QAM	1	0	15.30	15.18	15.30		
5	16QAM	1	12	15.35	15.10	15.35	16.3	0
5	16QAM	1	24	15.12	15.04	15.23		
5	16QAM	12	0	15.20	15.33	15.18		
5	16QAM	12	7	15.32	15.29	15.27	16.3	0
5	16QAM	12	13	15.19	15.19	15.10		
5	16QAM	25	0	15.24	15.22	15.32		
5	64QAM	1	0	15.26	15.22	15.35		
5	64QAM	1	12	15.12	15.04	15.23	16.3	0
5	64QAM	1	24	15.03	15.11	15.08		
5	64QAM	12	0	15.32	15.30	15.31		
5	64QAM	12	7	15.34	15.21	15.31	16.3	0
5	64QAM	12	13	15.19	15.15	15.26		
5	64QAM	25	0	15.21	15.26	15.27		
5	256QAM	1	0	15.25	15.28	15.17		
5	256QAM	1	12	15.11	15.18	15.24	16.3	0
5	256QAM	1	24	14.98	15.08	15.01		
5	256QAM	12	0	15.17	15.21	15.24		
5	256QAM	12	7	15.21	15.17	15.09	16.3	0
5	256QAM	12	13	14.96	15.13	15.15		
5	256QAM	25	0	15.10	15.17	15.20		

Band 48 Ant2 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55590	56150	56940		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.71	14.73	14.79	14.77		
20	QPSK	1	49	14.51	14.49	14.55	14.51	16.3	0
20	QPSK	1	99	14.30	14.31	14.32	14.33		
20	QPSK	50	0	14.65	14.66	14.71	14.61		
20	QPSK	50	24	14.49	14.50	14.46	14.46	16.3	0
20	QPSK	50	50	14.41	14.40	14.41	14.39		
20	QPSK	100	0	14.46	14.47	14.52	14.44		
20	16QAM	1

	Ant0 DSI6 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.56	32.73	33.50	23.26	23.56	23.73	24.50
GPRS 1 Tx slot	32.25	32.53	32.72	33.50	23.25	23.53	23.72	24.50
GPRS 2 Tx slots	29.34	29.23	29.27	30.00	23.34	23.23	23.27	24.00
GPRS 3 Tx slots	28.11	28.28	28.26	29.50	23.85	24.02	24.00	25.24
GPRS 4 Tx slots	26.52	26.32	26.27	27.50	23.52	23.32	23.27	24.50
EDGE 1 Tx slot	25.70	25.64	25.69	27.00	16.70	16.64	16.69	18.00
EDGE 2 Tx slots	23.92	23.95	24.02	25.00	17.92	17.95	18.02	19.00
EDGE 3 Tx slots	22.77	22.75	22.77	24.00	18.51	18.49	18.51	19.74
EDGE 4 Tx slots	20.69	20.72	20.73	22.00	17.69	17.72	17.73	19.00

	Ant0 DSI6 Power							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.05	30.06	29.96	30.50	21.05	21.06	20.96	21.50
GPRS 1 Tx slot	30.04	30.05	29.93	30.50	21.04	21.05	20.93	21.50
GPRS 2 Tx slots	26.82	26.35	26.66	27.50	20.82	20.35	20.66	21.50
GPRS 3 Tx slots	24.95	25.07	24.90	26.00	20.69	20.81	20.64	21.74
GPRS 4 Tx slots	23.21	23.32	23.28	24.00	20.21	20.32	20.28	21.00
EDGE 1 Tx slot	25.11	25.03	25.21	26.50	16.11	16.03	16.21	17.50
EDGE 2 Tx slots	23.59	23.50	23.57	24.50	17.59	17.50	17.57	18.50
EDGE 3 Tx slots	22.46	22.37	22.55	23.50	18.20	18.11	18.29	19.24
EDGE 4 Tx slots	20.04	20.01	20.10	21.00	17.04	17.01	17.10	18.00

		Ant0 DSI6 Power				Ant0 DSI6 Power				Ant0 DSI6 Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.18	20.22	20.15	21.20	20.67	20.75	20.55	21.80	23.74	23.94	23.94	25.00
3GPP Rel 99	RMC 12.2Kbps	20.19	20.25	20.21	21.20	20.71	20.77	20.61	21.80	23.76	23.99	23.96	25.00
3GPP Rel 6	HSDPA Subtest-1	19.23	19.26	19.35	20.20	19.88	19.93	19.78	20.80	23.02	23.06	23.03	24.00
3GPP Rel 6	HSDPA Subtest-2	19.25	18.89	19.28	20.20	19.87	19.92	19.75	20.80	22.62	23.04	23.03	24.00
3GPP Rel 6	HSDPA Subtest-3	18.75	18.66	18.85	19.70	19.38	19.44	19.28	20.30	22.50	22.51	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	18.74	18.68	18.48	19.70	19.37	19.44	19.24	20.30	22.61	22.55	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.99	18.96	19.17	20.20	19.67	19.84	19.46	20.80	22.78	22.85	22.78	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.13	18.79	19.18	20.20	19.57	19.69	19.66	20.80	22.38	22.76	22.69	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.51	18.36	18.56	19.70	19.06	19.29	19.00	20.30	22.26	22.27	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.47	18.39	18.38	19.70	19.14	19.19	19.14	20.30	22.29	22.21	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	19.21	19.18	19.35	20.20	19.83	19.92	19.76	20.80	22.38	22.37	22.17	24.00
3GPP Rel 6	HSUPA Subtest-2	17.16	17.24	17.26	18.20	17.82	17.96	17.72	18.80	21.00	21.01	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	18.14	18.13	18.27	19.20	18.85	18.93	18.74	19.80	22.00	21.98	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	17.22	17.17	17.31	18.20	17.68	17.89	17.76	18.80	20.99	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	19.19	19.20	19.28	20.20	19.79	19.85	19.80	20.80	23.00	23.00	23.10	24.00

Band 2 (1900MHz Band) Ant0 DSI6 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.22	22.43	22.32		
20	QPSK	1	49	22.32	22.26	22.38	23.5	0
20	QPSK	1	99	22.31	22.40	22.36		
20	QPSK	50	0	22.27	22.38	22.33		
20	QPSK	50	24	22.34	22.31	22.34	23.5	0
20	QPSK	50	50	22.26	22.36	22.16		
20	QPSK	100	0	22.31	22.38	22.34		
20	16QAM	1	0	22.30	22.20	22.28		
20	16QAM	1	49	22.35	22.26	22.31	23.5	0
20	16QAM	1	99	22.19	22.05	22.21		
20	16QAM	50	0	22.25	22.26	22.36		
20	16QAM	50	24	22.34	22.31	22.34	23.5	0
20	16QAM	50	50	22.28	22.28	22.36		
20	16QAM	100	0	22.29	22.28	22.34		
20	64QAM	1	0	22.35	22.37	22.26		
20	64QAM	1	49	22.18	22.29	22.31	23.5	0
20	64QAM	1	99	22.24	22.25	22.30		
20	64QAM	50	0	22.07	22.21	22.04		
20	64QAM	50	24	22.12	22.11	22.14	23.5	0
20	64QAM	50	50	22.06	22.07	22.16		
20	64QAM	100	0	22.11	22.08	22.13		
20	256QAM	1	0	19.29	19.38	19.20		
20	256QAM	1	49	19.23	19.30	19.26	20	3.5
20	256QAM	1	99	19.13	19.21	19.27		
20	256QAM	50	0	19.23	19.10	19.22		
20	256QAM	50	24	19.30	19.23	19.24	20	3.5
20	256QAM	50	50	19.16	19.13	19.29		
20	256QAM	100	0	19.22	19.16	19.23		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.13	22.29	22.27		
15	QPSK	1	37	22.22	22.22	22.31	23.5	0
15	QPSK	1	74	22.22	22.33	22.19		
15	QPSK	36	0	22.19	22.33	22.30		
15	QPSK	36	20	22.25	22.17	22.18	23.5	0
15	QPSK	36	39	22.20	22.22	22.26		
15	QPSK	75	0	22.26	22.25	22.24		
15	16QAM	1	0	22.14	22.15	22.14		
15	16QAM	1	37	22.27	22.18	22.16	23.5	0
15	16QAM	1	74	22.09	21.94	22.10		
15	16QAM	36	0	22.17	22.16	22.32		
15	16QAM	36	20	22.26	22.25	22.25	23.5	0
15	16QAM	36	39	22.21	22.16	22.33		
15	16QAM	75	0	22.18	22.23	22.25		
15	64QAM	1	0	22.28	22.31	22.17		
15	64QAM	1	37	22.03	22.26	22.28	23.5	0
15	64QAM	1	74	22.09	22.15	22.23		
15	64QAM	36	0	22.04	22.16	21.92		
15	64QAM	36	20	22.05	22.01	22.03	23.5	0
15	64QAM	36	39	21.90	22.02	22.03		
15	64QAM	75	0	22.00	21.98	22.08		
15	256QAM	1	0	19.18	19.26	19.17		
15	256QAM	1	37	19.19	19.20	19.18	20	3.5
15	256QAM	1	74	18.99	19.06	19.14		
15	256QAM	36	0	19.08	18.96	19.13		
15	256QAM	36	20	19.22	19.21	19.16	20	3.5
15	256QAM	36	39	19.05	18.98	19.16		
15	256QAM	75	0	19.20	19.03	19.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.40	22.17		
10	QPSK	1	25	22.30	22.11	22.35	23.5	0
10	QPSK	1	49	22.15	22.32	22.25		
10	QPSK	25	0	22.13	22.32	22.24		
10	QPSK	25	12	22.27	22.23	22.30	23.5	0
10	QPSK	25	25	22.19	22.10	22.34		
10	QPSK	50	0	22.18	22.26	22.20		
10	16QAM	1	0	22.27	22.06	22.19		
10	16QAM	1	25	22.24	22.20	22.17	23.5	0
10	16QAM	1	49	22.11	21.90	22.14		
10	16QAM	25	0	22.19	22.12	22.29		
10	16QAM	25	12	22.30	22.23	22.29	23.5	0
10	16QAM	25	25	22.18	22.14	22.29		
10	16QAM	50	0	22.19	22.16	22.19		
10	64QAM	1	0	22.21	22.29	22.15		
10	64QAM	1	25	22.02	22.13	22.16	23.5	0
10	64QAM	1	49	22.19	22.16	22.24		
10	64QAM	25	0	22.00	22.06	21.99		
10	64QAM	25	12	22.02	22.02	22.11	23.5	0
10	64QAM	25	25	21.97	22.01	22.01		
10	64QAM	50	0	22.03	21.99	22.04		
10	256QAM	1	0	19.16	19.26	19.04		
10	256QAM	1	25	19.21	19.16	19.17	20	3.5
10	256QAM	1	49	19.08	19.06	19.16		
10	256QAM	25	0	19.13	19.00	19.18		
10	256QAM	25	12	19.20	19.16	19.15	20	3.5
10	256QAM	25	25	19.13	19.11	19.14		
10	256QAM	50	0	19.08	19.02	19.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.16	22.29	22.19		
5	QPSK	1	12	22.30	22.13	22.24	23.5	0
5	QPSK	1	24	22.19	22.36	22.25		
5	QPSK	12	0	22.24	22.38	22.19		
5	QPSK	12	7	22.28	22.20	22.19	23.5	0
5	QPSK	12	13	22.24	22.20	22.22		
5	QPSK	25	0	22.19	22.29	22.21		
5	16QAM	1	0	22.15	22.10	22.25		
5	16QAM	1	12	22.27	22.14	22.15	23.5	0
5	16QAM	1	24	22.11	21.90	22.10		
5	16QAM	12	0	22.17	22.12	22.27		
5	16QAM	12	7	22.31	22.16	22.22	23.5	0
5	16QAM	12	13	22.26	22.24	22.22		
5	16QAM	25	0	22.14	22.24	22.24		
5	64QAM	1	0	22.22	22.31	22.20		
5	64QAM	1	12	22.03	22.19	22.26	23.5	0
5	64QAM	1	24	22.14	22.11	22.28		
5	64QAM	12	0	21.95	22.11	21.96		
5	64QAM	12	7	22.01	21.99	22.03	23.5	0
5	64QAM	12	13	21.93	21.96	22.11		
5	64QAM	25	0	22.03	22.06	22.07		
5	256QAM	1	0	19.18	19.26	19.14		
5	256QAM	1	12	19.15	19.16	19.11	20	3.5
5	256QAM	1	24	19.08	19.15	19.21		
5	256QAM	12	0	19.17	19.05	19.16		
5	256QAM	12	7	19.21	19.14	19.12	20	3.5
5	256QAM	12	13	19.09	19.03	19.15		
5	256QAM	25	0	19.19	19.03	19.20		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.21	22.33	22.26		
3	QPSK	1	8	22.23	22.16	22.24	23.5	0
3	QPSK	1	14	22.28	22.31	22.25		
3	QPSK	8	0	22.13	22.39	22.20		
3	QPSK	8	4	22.29	22.24	22.22	23.5	0
3	QPSK	8	7	22.21	22.17	22.26		
3	QPSK	15	0	22.26	22.29	22.23		
3	16QAM	1	0	22.26	22.11	22.18		
3	16QAM	1	8	22.21	22.12	22.19	23.5	0
3	16QAM	1	14	22.05	21.96	22.06		
3	16QAM	8	0	22.13	22.19	22.25		
3	16QAM	8	4	22.25	22.20	22.30	23.5	0
3	16QAM	8	7	22.20	22.18	22.28		
3	16QAM	15	0	22.13	22.17	22.20		
3	64QAM	1	0	22.22	22.32	22.21		
3	64QAM	1	8	22.07	22.15	22.25	23.5	0
3	64QAM	1	14	22.20	22.16	22.15		
3	64QAM	8	0	21.96	22.14	22.03		
3	64QAM	8	4	22.10	22.05	22.03	23.5	0
3	64QAM	8	7	22.05	22.05	22.06		
3	64QAM	15	0	22.05	22.05	22.10		
3	256QAM	1	0	19.17	19.23	19.06		
3	256QAM	1	8	19.11	19.15	19.16	20	3.5
3	256QAM	1	14	18.97	19.17	19.21		
3	256QAM	8	0	19.11	19.00	19.07		
3	256QAM	8	4	19.26	19.17	19.13	20	3.5
3	256QAM	8	7	19.04	19.01	19.22		
3	256QAM	15	0	19.15	19.00	19.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.20	22.25	22.29		
1.4	QPSK	1	3	22.18	22.24	22.34		
1.4	QPSK	1	5	22.17	22.33	22.16	23.5	0
1.4	QPSK	3	0	22.15	22.38	22.28		
1.4	QPSK	3	1	22.18	22.26	22.27		
1.4	QPSK	3	3	22.16	22.17	22.23		
1.4	QPSK	6	0	22.15	22.28	22.32	23.5	0
1.4	16QAM	1	0	22.23	22.10	22.24		
1.4	16QAM	1	3	22.25	22.17	22.27		
1.4	16QAM	1	5	22.05	22.13	22.09	23.5	0
1.4	16QAM	3	0	22.14	22.15	22.32		
1.4	16QAM	3	1	22.24	22.23	22.25		
1.4	16QAM	3	3	22.17	22.24	22.30		
1.4	16QAM	6	0	22.27	22.18	22.28	23.5	0
1.4	64QAM	1	0	22.21	22.28	22.18		
1.4	64QAM	1	3	22.03	22.20	22.16		
1.4	64QAM	1	5	22.18	22.17	22.25	23.5	0
1.4	64QAM	3	0	22.16	22.30	22.17		
1.4	64QAM	3	1	22.19	22.29	22.30		
1.4	64QAM	3	3	22.17	22.14	22.22		
1.4	64QAM	6	0	22.00	22.04	22.03	23.5	0
1.4	256QAM	1	0	19.16	19.27	19.14		
1.4	256QAM	1	3	19.16	19.16	19.20		
1.4	256QAM	1	5	19.01	19.12	19.23	20	3.5
1.4	256QAM	3	0	19.16	19.06	19.11		
1.4	256QAM	3	1	19.14	19.15	19.16		
1.4	256QAM	3	3	19.00	19.05	19.20		
1.4	256QAM	6	0	19.09	19.11	19.13	20	3.5

Band 4 (AWS Band) Ant0 DSI6 Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.14	20.30	20.28		
20	QPSK	1	49	20.23	20.26	20.29	21.3	0
20	QPSK	1	99	20.12	20.16	20.04		
20	QPSK	50	0	20.11	20.27	20.17		
20	QPSK	50	24	20.17	20.16	20.11	21.3	0
20	QPSK	50	50	20.09	20.13	20.00		
20	QPSK	100	0	20.13	20.22	20.07		
20	16QAM	1	0	20.13	20.14	20.08		
20	16QAM	1	49	20.10	20.21	20.07	21.3	0
20	16QAM	1	99	20.12	20.15	20.21		
20	16QAM	50	0	20.11	20.19	20.20		
20	16QAM	50	24	20.19	20.19	20.16	21.3	0
20	16QAM	50	50	20.18	20.15	20.05		
20	16QAM	100	0	20.17	20.14	20.11		
20	64QAM	1	0	20.11	20.04	20.19		
20	64QAM	1	49	20.14	20.18	20.06	21.3	0
20	64QAM	1	99	20.02	20.02	19.92		
20	64QAM	50	0	20.16	20.20	20.19		
20	64QAM	50	24	20.14	20.18	20.15	21.3	0
20	64QAM	50	50	20.12	20.14	20.08		
20	64QAM	100	0	20.17	20.13	20.12		
20	256QAM	1	0	19.58	19.65	19.61		
20	256QAM	1	49	19.54	19.63	19.43	20	1.3
20	256QAM	1	99	19.50	19.44	19.48		
20	256QAM	50	0	19.61	19.62	19.53		
20	256QAM	50	24	19.55	19.60	19.58	20	1.3
20	256QAM	50	50	19.59	19.50	19.51		
20	256QAM	100	0	19.54	19.53	19.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.12	20.20	20.17		
15	QPSK	1	37	20.07	20.12	20.17	21.3	0
15	QPSK	1	74	19.99	20.06	19.96		
15	QPSK	36	0	19.95	20.17	20.11		
15	QPSK	36	20	20.13	20.10	20.05	21.3	0
15	QPSK	36	39	20.04	19.99	19.89		
15	QPSK	75	0	20.07	20.13	19.94		
15	16QAM	1	0	20.01	20.07	19.99		
15	16QAM	1	37	20.03	20.07	19.99	21.3	0
15	16QAM	1	74	20.06	20.11	20.18		
15	16QAM	36	0	19.96	20.08	20.09		
15	16QAM	36	20	20.14	20.12	20.06	21.3	0
15	16QAM	36	39	20.11	20.07	20.03		
15	16QAM	75	0	20.13	20.02	19.96		
15	64QAM	1	0	19.99	19.91	20.11		
15	64QAM	1	37	20.07	20.08	19.93	21.3	0
15	64QAM	1	74	19.92	19.89	19.84		
15	64QAM	36	0	20.04	20.16	20.06		
15	64QAM	36	20	19.98	20.07	20.00	21.3	0
15	64QAM	36	39	19.96	20.01	20.05		
15	64QAM	75	0	20.14	20.04	20.08		
15	256QAM	1	0	19.50	19.49	19.45		
15	256QAM	1	37	19.46	19.51	19.35	20	1.3
15	256QAM	1	74	19.39	19.41	19.33		
15	256QAM	36	0	19.52	19.58	19.49		
15	256QAM	36	20	19.41	19.44	19.55	20	1.3
15	256QAM	36	39	19.52	19.46	19.43		
15	256QAM	75	0	19.43	19.44	19.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.08	20.27	20.19		
10	QPSK	1	25	20.20	20.16	20.21	21.3	0
10	QPSK	1	49	19.99	20.05	19.94		
10	QPSK	25	0	20.07	20.17	20.02		
10	QPSK	25	12	20.12	20.08	20.00	21.3	0
10	QPSK	25	25	19.93	20.08	19.88		
10	QPSK	50	0	20.09	20.20	20.02		
10	16QAM	1	0	20.02	20.00	20.06		
10	16QAM	1	25	20.06	20.13	20.01	21.3	0
10	16QAM	1	49	20.03	20.01	20.16		
10	16QAM	25	0	19.99	20.09	20.10		
10	16QAM	25	12	20.17	20.04	20.09	21.3	0
10	16QAM	25	25	20.03	20.12	19.98		
10	16QAM	50	0	20.09	20.08	20.01		
10	64QAM	1	0	20.00	19.98	20.06		
10	64QAM	1	25	19.99	20.05	19.92	21.3	0
10	64QAM	1	49	19.90	19.89	19.80		
10	64QAM	25	0	20.02	20.15	20.11		
10	64QAM	25	12	20.11	20.03	20.03	21.3	0
10	64QAM	25	25	20.04	20.03	19.98		
10	64QAM	50	0	20.15	20.10	19.99		
10	256QAM	1	0	19.50	19.50	19.52		
10	256QAM	1	25	19.44	19.51	19.34	20	1.3
10	256QAM	1	49	19.36	19.38	19.35		
10	256QAM	25	0	19.56	19.58	19.43		
10	256QAM	25	12	19.39	19.46	19.48	20	1.3
10	256QAM	25	25	19.54	19.34	19.40		
10	256QAM	50	0	19.44	19.39	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.01	20.25	20.14		
5	QPSK	1	12	20.12	20.14	20.16	21.3	0
5	QPSK	1	24	19.99	20.10	19.93		
5	QPSK	12	0	20.00	20.22	20.09		
5	QPSK	12	7	20.13	20.02	20.07	21.3	0
5	QPSK	12	13	20.05	20.00	19.92		
5	QPSK	25	0	19.97	20.19	20.05		
5	16QAM	1	0	20.03	20.02	19.96		
5	16QAM	1	12	19.94	20.12	19.99	21.3	0
5	16QAM	1	24	20.05	20.04	20.07		
5	16QAM	12	0	20.01	20.15	20.09		
5	16QAM	12	7	20.05	20.15	20.04	21.3	0
5	16QAM	12	13	20.03	20.08	19.93		
5	16QAM	25	0	20.02	20.05	19.96		
5	64QAM	1	0	20.09	20.01	20.09		
5	64QAM	1	12	19.99	20.12	19.92	21.3	0
5	64QAM	1	24	20.00	19.99	19.84		
5	64QAM	12	0	20.13	20.15	20.11		
5	64QAM	12	7	20.11	20.05	20.05	21.3	0
5	64QAM	12	13	20.08	20.06	20.01		
5	64QAM	25	0	20.07	20.03	20.01		
5	256QAM	1	0	19.47	19.52	19.59		
5	256QAM	1	12	19.41	19.48	19.36	20	1.3
5	256QAM	1	24	19.42	19.38	19.44		
5	256QAM	12	0	19.56	19.53	19.42		
5	256QAM	12	7	19.43	19.54	19.51	20	1.3
5	256QAM	12	13	19.54	19.36	19.47		
5	256QAM	25	0	19.46	19.49	19.47		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.98	20.26	20.16		
3	QPSK	1	8	20.18	20.17	20.20	21.3	0
3	QPSK	1	14	20.06	20.03	19.91		
3	QPSK	8	0	19.99	20.15	20.15		
3	QPSK	8	4	20.09	20.12	20.02	21.3	0
3	QPSK	8	7	20.02	20.08	19.87		
3	QPSK	15	0	20.00	20.19	19.99		
3	16QAM	1	0	20.00	20.09	19.92		
3	16QAM	1	8	20.07	20.13	19.97	21.3	0
3	16QAM	1	14	19.97	20.09	20.08		
3	16QAM	8	0	20.08	20.12	20.09		
3	16QAM	8	4	20.05	20.03	20.01	21.3	0
3	16QAM	8	7	20.04	20.01	19.93		
3	16QAM	15	0	20.13	20.10	19.98		
3	64QAM	1	0	19.97	19.91	20.07		
3	64QAM	1	8	20.02	20.02	20.01	21.3	0
3	64QAM	1	14	19.87	19.96	19.82		
3	64QAM	8	0	20.01	20.11	20.03		
3	64QAM	8	4	20.11	20.08	20.03	21.3	0
3	64QAM	8	7	20.01	20.11	19.95		
3	64QAM	15	0	20.09	20.00	20.03		
3	256QAM	1	0	19.44	19.58	19.47		
3	256QAM	1	8	19.40	19.56	19.34	20	1.3
3	256QAM	1	14	19.41	19.35	19.35		
3	256QAM	8	0	19.50	19.58	19.46		
3	256QAM	8	4	19.46	19.57	19.52	20	1.3
3	256QAM	8	7	19.43	19.47	19.44		
3	256QAM	15	0	19.42	19.45	19.48		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.11	20.17	20.22		
1.4	QPSK	1	3	20.10	20.22	20.14		
1.4	QPSK	1	5	20.05	20.14	19.99	21.3	0
1.4	QPSK	3	0	19.96	20.23	20.10		
1.4	QPSK	3	1	20.14	20.07	20.08		
1.4	QPSK	3	3	20.00	19.98	19.97		
1.4	QPSK	6	0	20.02	20.18	20.05	21.3	0
1.4	16QAM	1	0	20.06	20.07	20.03		
1.4	16QAM	1	3	19.95	20.10	19.95		
1.4	16QAM	1	5	20.02	20.12	20.15	21.3	0
1.4	16QAM	3	0	19.98	20.10	20.11		
1.4	16QAM	3	1	20.04	20.04	20.01		
1.4	16QAM	3	3	20.13	20.09	19.96		
1.4	16QAM	6	0	20.09	20.10	19.97	21.3	0
1.4	64QAM	1	0	19.98	19.92	20.04		
1.4	64QAM	1	3	20.02	20.02	19.91		
1.4	64QAM	1	5	19.98	19.95	19.83	21.3	0
1.4	64QAM	3	0	20.04	20.13	20.06		
1.4	64QAM	3	1	20.08	20.11	20.10		
1.4	64QAM	3	3	20.00	20.07	20.01		
1.4	64QAM	6	0	20.07	20.02	20.05	21.3	0
1.4	256QAM	1	0	19.50	19.53	19.56		
1.4	256QAM	1	3	19.47	19.60	19.34		
1.4	256QAM	1	5	19.44	19.30	19.39	20	1.3
1.4	256QAM	3	0	19.52	19.58	19.42		
1.4	256QAM	3	1	19.39	19.57	19.47		
1.4	256QAM	3	3	19.56	19.42	19.36		
1.4	256QAM	6	0	19.45	19.45	19.48	20	1.3

Band 5 (Cellular Band) Ant0 DSI6 Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.86	22.81		
10	QPSK	1	25	22.71	22.84	22.73	24	0
10	QPSK	1	49	22.47	22.75	22.68		
10	QPSK	25	0	22.72	22.77	22.76		
10	QPSK	25	12	22.72	22.75	22.75	24	0
10	QPSK	25	25	22.69	22.74	22.72		
10	QPSK	50	0	22.74	22.78	22.73		
10	16QAM	1	0	22.66	22.80	22.73		
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Band 7 (2600MHz Band) Ant0 DSI6 Power Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.21	23.46	23.40	24	0
20	QPSK	1	49	23.42	23.41	23.42		
20	QPSK	1	99	23.35	23.37	23.34		
20	QPSK	50	0	23.31	23.44	23.38		
20	QPSK	50	24	23.41	23.37	23.36		
20	QPSK	50	50	23.42	23.41	23.38		
20	QPSK	100	0	23.21	23.40	23.35		
20	16QAM	1	0	23.13	23.37	23.35		
20	16QAM	1	49	23.36	23.41	23.36	24	0
20	16QAM	1	99	23.27	23.32	23.32		
20	16QAM	50	0	23.21	23.26	23.30		
20	16QAM	50	24	23.32	23.31	23.36		
20	16QAM	50	50	23.40	23.35	23.38		
20	16QAM	100	0	23.40	23.26	23.42		
20	64QAM	1	0	23.14	23.38	23.31		
20	64QAM	1	49	23.35	23.32	23.38	24	0
20	64QAM	1	99	23.25	23.35	23.27		
20	64QAM	50	0	23.31	23.31	23.35		
20	64QAM	50	24	23.36	23.32	23.26	24	0
20	64QAM	50	50	23.36	23.43	23.40		
20	64QAM	100	0	23.39	23.23	23.40		
20	256QAM	1	0	19.86	20.21	20.24		
20	256QAM	1	49	20.14	20.03	20.12	21	3
20	256QAM	1	99	19.83	19.78	19.98		
20	256QAM	50	0	20.35	20.31	20.03		
20	256QAM	50	24	20.06	20.04	19.94	21	3
20	256QAM	50	50	20.13	20.14	20.11		
20	256QAM	100	0	20.00	20.09	19.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.18	23.44	23.35	24	0
15	QPSK	1	37	23.36	23.31	23.37		
15	QPSK	1	74	23.27	23.35	23.25		
15	QPSK	36	0	23.27	23.24	23.36		
15	QPSK	36	20	23.35	23.33	23.35	24	0
15	QPSK	36	39	23.34	23.36	23.43		
15	QPSK	75	0	23.37	23.25	23.44		
15	16QAM	1	0	23.11	23.34	23.29		
15	16QAM	1	37	23.28	23.34	23.27	24	0
15	16QAM	1	74	23.26	23.29	23.23		
15	16QAM	36	0	23.20	23.25	23.24		
15	16QAM	36	20	23.22	23.28	23.31	24	0
15	16QAM	36	39	23.39	23.31	23.34		
15	16QAM	75	0	23.39	23.30	23.39		
15	64QAM	1	0	23.12	23.33	23.24		
15	64QAM	1	37	23.35	23.28	23.32	24	0
15	64QAM	1	74	23.19	23.35	23.18		
15	64QAM	36	0	23.28	23.28	23.30		
15	64QAM	36	20	23.35	23.31	23.22	24	0
15	64QAM	36	39	23.29	23.33	23.32		
15	64QAM	75	0	23.29	23.14	23.21		
15	256QAM	1	0	19.84	19.98	20.04		
15	256QAM	1	37	19.83	20.20	20.11	21	3
15	256QAM	1	74	19.98	19.93	19.83		
15	256QAM	36	0	20.36	20.31	20.15		
15	256QAM	36	20	20.03	19.95	19.96	21	3
15	256QAM	36	39	19.98	20.21	20.01		
15	256QAM	75	0	19.87	19.86	20.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.19	23.38	23.33	24	0
10	QPSK	1	25	23.41	23.32	23.32		
10	QPSK	1	49	23.32	23.36	23.30		
10	QPSK	25	0	23.26	23.26	23.32		
10	QPSK	25	12	23.36	23.33	23.33	24	0
10	QPSK	25	25	23.39	23.43	23.38		
10	QPSK	50	0	23.40	23.29	23.42		
10	16QAM	1	0	23.11	23.35	23.33		
10	16QAM	1	25	23.32	23.39	23.30	24	0
10	16QAM	1	49	23.21	23.24	23.31		
10	16QAM	25	0	23.15	23.20	23.26		
10	16QAM	25	12	23.31	23.24	23.33	24	0
10	16QAM	25	25	23.33	23.32	23.37		
10	16QAM	50	0	23.38	23.19	23.38		
10	64QAM	1	0	23.05	23.37	23.27		
10	64QAM	1	25	23.26	23.30	23.30	24	0
10	64QAM	1	49	23.17	23.26	23.20		
10	64QAM	25	0	23.28	23.28	23.27		
10	64QAM	25	12	23.30	23.25	23.19	24	0
10	64QAM	25	25	23.31	23.36	23.39		
10	64QAM	50	0	23.30	23.16	23.31		
10	256QAM	1	0	20.08	20.27	20.28		
10	256QAM	1	25	20.08	19.95	20.15	21	3
10	256QAM	1	49	19.82	19.81	20.01		
10	256QAM	25	0	20.41	20.21	19.92		
10	256QAM	25	12	20.05	19.99	20.03	21	3
10	256QAM	25	25	20.18	20.06	19.95		
10	256QAM	50	0	20.14	20.27	19.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.15	23.36	23.30	24	0
5	QPSK	1	12	23.33	23.28	23.32		
5	QPSK	1	24	23.30	23.34	23.20		
5	QPSK	12	0	23.20	23.20	23.30	24	0
5	QPSK	12	7	23.29	23.30	23.32		
5	QPSK	12	13	23.35	23.36	23.35		
5	QPSK	25	0	23.37	23.28	23.38		
5	16QAM	1	0	23.06	23.31	23.27	24	0
5	16QAM	1	12	23.29	23.34	23.28		
5	16QAM	1	24	23.14	23.18	23.28		
5	16QAM	12	0	23.06	23.12	23.25	24	0
5	16QAM	12	7	23.29	23.17	23.24		
5	16QAM	12	13	23.28	23.29	23.36		
5	16QAM	25	0	23.28	23.18	23.29		
5	64QAM	1	0	22.97	23.35	23.22	24	0
5	64QAM	1	12	23.20	23.20	23.25		
5	64QAM	1	24	23.14	23.21	23.15		
5	64QAM	12	0	23.21	23.27	23.20	24	0
5	64QAM	12	7	23.24	23.20	23.15		
5	64QAM	12	13	23.24	23.33	23.33		
5	64QAM	25	0	23.23	23.14	23.31		
5	256QAM	1	0	19.93	20.11	20.27	21	3
5	256QAM	1	12	20.10	19.80	19.81		
5	256QAM	1	24	19.84	19.94	19.86		
5	256QAM	12	0	20.15	20.21	19.80	21	3
5	256QAM	12	7	19.94	19.78	19.78		
5	256QAM	12	13	20.27	20.21	19.94		
5	256QAM	25	0	19.91	20.07	19.85		

Band 12 (700MHz Low Band) Ant0 DSI6 Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.93	22.76	24	0
10	QPSK	1	25	22.68	22.91	22.81		
10	QPSK	1	49	22.85	22.79	22.84		
10	QPSK	25	0	22.89	22.92	22.90		
10	QPSK	25	12	22.90	22.91	22.83		
10	QPSK	25	25	22.90	22.88	22.85		
10	QPSK	50	0	22.79	22.91	22.76		
10	16QAM	1	0	22.66	22.83	22.70		
10	16QAM	1	25	22.78	22.88	22.72	24	0
10	16QAM	1	49	22.82	22.77	22.79		
10	16QAM	25	0	22.83	22.70	22.89		
10	16QAM	25	12	22.87	22.83	22.81	24	0
10	16QAM	25	25	22.88	22.82	22.82		
10	16QAM	50	0	22.76	22.85	22.68		
10	64QAM	1	0	22.67	22.92	22.68		
10	64QAM	1	25	22.84	22.81	22.72	24	0
10	64QAM	1	49	22.77	22.77	22.79		
10	64QAM	25	0	22.86	22.72	22.87		
10	64QAM	25	12	22.80	22.86	22.79	24	0
10	64QAM	25	25	22.81	22.79	22.82		
10	64QAM	50	0	22.71	22.85	22.68		
10	256QAM	1	0	19.17	19.41	19.14	20	4
10	256QAM	1	25	18.98	19.28	19.22		
10	256QAM	1	49	19.31	19.28	18.95		
10	256QAM	25	0	19.46	19.46	19.48		
10	256QAM	25	12	19.67	19.50	19.40	20	4
10	256QAM	25	25	19.31	19.17	19.20		
10	256QAM	50	0	19.22	19.02	19.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.68	22.83	22.74	24	0
5	QPSK	1	12	22.82	22.94	22.79		
5	QPSK	1	24	22.78	22.70	22.77		
5	QPSK	12	0	22.87	22.70	22.87		
5	QPSK	12	7	22.81	22.85	22.77	24	0
5	QPSK	12	13	22.81	22.83	22.76		
5	QPSK	25	0	22.70	22.85	22.74		
5	16QAM	1	0	22.60	22.74	22.67		
5	16QAM	1	12	22.68	22.84	22.68	24	0
5	16QAM	1	24	22.76	22.74	22.73		
5	16QAM	12	0	22.76	22.65	22.88		
5	16QAM	12	7	22.81	22.83	22.74	24	0
5	16QAM	12	13	22.80	22.72	22.74		
5	16QAM	25	0	22.66	22.81	22.66		
5	64QAM	1	0	22.58	22.88	22.63		
5	64QAM	1	12	22.78	22.73	22.63	24	0
5	64QAM	1	24	22.73	22.69	22.74		
5	64QAM	12	0	22.86	22.72	22.79		
5	64QAM	12	7	22.70	22.84	22.72	24	0
5	64QAM	12	13	22.79	22.79	22.73		
5	64QAM	25	0	22.67	22.77	22.67		
5	256QAM	1	0	19.01	19.36	19.25		
5	256QAM	1	12	18.92	18.97	19.27	20	4
5	256QAM	1	24	19.23	19.03	18.95		
5	256QAM	12	0	19.16	19.54	19.19		
5	256QAM	12	7	19.37	19.44	19.33	20	4
5	256QAM	12	13	19.21	19.36	19.05		
5	256QAM	25	0	19.17	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.60	22.84	22.72	24	0
3	QPSK	1	8	22.89	22.86	22.77		
3	QPSK	1	14	22.78	22.77	22.82		
3	QPSK	8	0	22.83	22.78	22.80		
3	QPSK	8	4	22.62	22.90	22.79	24	0
3	QPSK	8	7	22.84	22.79	22.86		
3	QPSK	15	0	22.71	22.90	22.70		
3	16QAM	1	0	22.64	22.81	22.72		
3	16QAM	1	8	22.75	22.78	22.67	24	0
3	16QAM	1	14	22.62	22.79	22.80		
3	16QAM	8	0	22.78	22.69	22.90		
3	16QAM	8	4	22.77	22.76	22.82	24	0
3	16QAM	8	7	22.88	22.81	22.75		
3	16QAM	15	0	22.72	22.76	22.67		
3	64QAM	1	0	22.59	22.91	22.62		
3	64QAM	1	8	22.74	22.79	22.72	24	0
3	64QAM	1	14	22.73	22.75	22.80		
3	64QAM	8	0	22.77	22.63	22.86		
3	64QAM	8	4	22.72	22.87	22.74	24	0
3	64QAM	8	7	22.75	22.74	22.80		
3	64QAM	15	0	22.66	22.77	22.58		
3	256QAM	1	0	19.18	19.06	19.21		
3	256QAM	1	8	18.81	18.99	19.17	20	4
3	256QAM	1	14	19.05	19.17	18.90		
3	256QAM	8	0	19.47	19.35	19.37		
3	256QAM	8	4	19.54	19.44	19.43	20	4
3	256QAM	8	7	19.52	19.13	19.26		
3	256QAM	15	0	19.20	18.70	18.89		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.58	22.84	22.70	24	0
1.4	QPSK	1	3	22.76	22.81	22.70		
1.4	QPSK	1	5	22.72	22.74	22.77		
1.4	QPSK	3	0	22.82	22.68	22.80		
1.4	QPSK	3	1	22.77	22.82	22.74		
1.4	QPSK	3	3	22.80	22.77	22.77		
1.4	QPSK	6	0	22.76	22.88	22.66	24	0
1.4	16QAM	1	0	22.62	22.75	22.59	24	0
1.4	16QAM	1	3	22.76	22.76	22.61		
1.4	16QAM	1	5	22.71	22.70	22.70		
1.4	16QAM	3	0	22.80	22.68	22.85		
1.4	16QAM	3	1	22.83	22.72	22.69		
1.4	16QAM	3	3	22.85	22.74	22.71		
1.4	16QAM	6	0	22.68	22.81	22.64	24	0
1.4	64QAM	1	0	22.60	22.82	22.64	24	0
1.4	64QAM	1	3	22.75	22.65	22.64		
1.4	64QAM	1	5	22.66	22.62	22.70		
1.4	64QAM	3	0	22.80	22.66	22.82		
1.4	64QAM	3	1	22.72	22.85	22.76		
1.4	64QAM	3	3	22.70	22.67	22.76		
1.4	64QAM	6	0	22.65	22.78	22.64	24	0
1.4	256QAM	1	0	19.16	19.23	19.06	20	4
1.4	256QAM	1	3	18.97	19.02	19.36		
1.4	256QAM	1	5	19.03	19.39	18.95		
1.4	256QAM	3	0	19.54	19.33	19.25		
1.4	256QAM	3	1	19.27	19.13	19.25		
1.4	256QAM	3	3	19.14	19.26	19.31		
1.4	256QAM	6	0	19.43	18.98	19.31	20	4

Band 13(700MHz Band) Ant0 DSI6 Power Part 27F

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		23.22		24	0
10	QPSK	1	25		22.9			
10	QPSK	1	49		22.88			
10	QPSK	25	0		22.93			
10	QPSK	25	12		22.89		24	0
10	QPSK	25	25		22.91			
10	QPSK	50	0		22.88			
10	16QAM	1	0		23.06			
10	16QAM	1	25		23.09		24	0
10	16QAM	1	49		23.07			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.38		23	1
10	16QAM	25	25		22.36			
10	16QAM	50	0		22.3			
10	64QAM	1	0		23.04			
10	64QAM	1	25		23.13		24	0
10	64QAM	1	49		23.01			
10	64QAM	25	0		22.22			
10	64QAM	25	12		22.34		23	1
10	64QAM	25	25		22.38			
10	64QAM	50	0		22.31			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.78		20	4
10	256QAM	1	49		19.64			
10	256QAM	25	0		19.64			
10	256QAM	25	12		19.79		20	4
10	256QAM	25	25		19.73			
10	256QAM	50	0		19.66			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.71	22.76	24	0
5	QPSK	1	12	22.75	22.81	22.87		
5	QPSK	1	24	22.70	22.83	22.81		
5	QPSK	12	0	22.69	22.69	22.79		
5	QPSK	12	7	22.83	22.74	22.91	24	0
5	QPSK	12	13	22.76	22.83	22.88		
5	QPSK	25	0	22.78	22.73	22.83		
5	16QAM	1	0	23.12	23.14	23.20		
5	16QAM	1	12	23.21	23.07	23.20	24	0
5	16QAM	1	24	23.21	23.07	23.04		
5	16QAM	12	0	22.21	22.17	22.46		
5	16QAM	12	7	22.14	22.32	22.38	23	1
5	16QAM	12	13	22.14	22.40	22.24		
5	16QAM	25	0	22.17	22.29	22.27		
5	64QAM	1	0	22.87	22.90	22.97		
5	64QAM	1	12	23.03	22.99	23.09	24	0
5	64QAM	1	24	22.91	23.02	22.87		
5	64QAM	12	0	22.20	22.20	22.41		
5	64QAM	12	7	22.18	22.36	22.37	23	1
5	64QAM	12	13	22.18	22.38	22.19		
5	64QAM	25	0	22.19	22.31	22.26		
5	256QAM	1	0	19.16	19.13	19.36		
5	256QAM	1	12	19.19	19.31	19.24	20	4
5	256QAM	1	24	19.25	19.09	19.31		
5	256QAM	12	0	19.17	19.14	19.26		
5	256QAM	12	7	19.28	19.24	19.37	20	4
5	256QAM	12	13	19.29	19.17	19.30		
5	256QAM	25	0	19.31	19.27	19.19		

Band 17 (700MHz Band) Ant0 DSI6 Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.48	22.88	22.49	24	0
10	QPSK	1	25	22.49	22.56	22.51		
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	22.52	22.76	22.43		
10	QPSK	25	12	22.50	22.54	22.62	24	0
10	QPSK	25	25	22.51	22.52	22.47		
10	QPSK	50	0	22.50	22.68	22.60		
10	16QAM	1	0	22.76	22.85	22.87		
10	16QAM	1	25	22.71	22.83	22.59	24	0
10	16QAM	1	49	22.83	22.87	22.73		
10	16QAM	25	0	22.21	22.26	22.22	24	0
10	16QAM	25	12	22.34	22.26	22.34		
10	16QAM	25	25	22.36	22.26	22.20		
10	16QAM	50	0	22.24	22.30	22.33		
10	64QAM	1	0	22.78	22.64	22.72	24	0
10	64QAM	1	25	22.68	22.54	22.60		
10	64QAM	1	49	22.64	22.31	22.65		
10	64QAM	25	0	22.21	22.16	22.26	24	0
10	64QAM	25	12	22.33	22.19	22.36		
10	64QAM	25	25	22.35	22.26	22.23		
10	64QAM	50	0	22.11	22.31	22.32		
10	256QAM	1	0	18.83	19.10	18.78	20	4
10	256QAM	1	25	18.69	18.71	19.08		
10	256QAM	1	49	18.68	18.64	18.70		
10	256QAM	25	0	18.84	18.77	18.87		
10	256QAM	25	12	19.07	18.91	18.86	20	4
10	256QAM	25	25	18.69	18.75	18.81		
10	256QAM	50	0	18.99	19.08	19.03		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.62	22.50	22.57	24	0
5	QPSK	1	12	22.63	22.68	22.58		
5	QPSK	1	24	22.50	22.34	22.38		
5	QPSK	12	0	22.64	22.56	22.56	24	0
5	QPSK	12	7	22.66	22.63	22.58		
5	QPSK	12	13	22.55	22.55	22.50		
5	QPSK	25	0	22.60	22.59	22.52		
5	16QAM	1	0	22.83	22.82	22.83	24	0
5	16QAM	1	12	22.70	22.56	22.78		
5	16QAM	1	24	22.79	22.76	22.78		
5	16QAM	12	0	22.41	22.34	22.47	24	0
5	16QAM	12	7	22.43	22.30	22.36		
5	16QAM	12	13	22.29	22.28	22.26		
5	16QAM	25	0	22.35	22.23	22.26		
5	64QAM	1	0	22.71	22.79	22.62	24	0
5	64QAM	1	12	22.56	22.58	22.69		
5	64QAM	1	24	22.58	22.66	22.81		
5	64QAM	12	0	22.41	22.20	22.27	24	0
5	64QAM	12	7	22.23	22.23	22.24		
5	64QAM	12	13	22.25	22.28	22.25		
5	64QAM	25	0	22.26	22.21	22.23		
5	256QAM	1	0	18.67	18.86	18.81	20	4
5	256QAM	1	12	18.71	18.80	19.01		
5	256QAM	1	24	19.06	18.77	19.15		
5	256QAM	12	0	18.93	18.89	18.98	20	4
5	256QAM	12	7	19.14	18.98	19.17		
5	256QAM	12	13	18.70	18.78	18.70		
5	256QAM	25	0	18.79	18.63	18.57		

Band 25 (1900MHz Band) Ant0 DSI6 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.22	22.51	22.31	23.5	0
20	QPSK	1	49	22.05	22.16	22.09		
20	QPSK	1	99	22.06	22.16	22.02		
20	QPSK	50	0	21.97	22.05	22.00		
20	QPSK	50	24	21.87	21.98	21.93	23.5	0
20	QPSK	50	50	21.96	21.95	21.94		
20	QPSK	100	0	21.89	22.02	21.85		
20	16QAM	1	0	21.74	21.89	21.82		
20	16QAM	1	49	21.88	21.81	21.82	23.5	0
20	16QAM	1	99	21.71	21.89	21.79		
20	16QAM	50	0	21.87	21.82	21.82		
20	16QAM	50	24	21.92	21.99	21.88	23.5	0
20	16QAM	50	50	21.84	21.91	21.90		
20	16QAM	100	0	21.94	21.87	21.85		
20	64QAM	1	0	21.99	22.01	21.92		
20	64QAM	1	49	21.99	21.97	22.01	23.5	0
20	64QAM	1	99	21.91	21.96	21.88		
20	64QAM	50	0	21.18	21.25	21.18		
20	64QAM	50	24	21.05	21.16	21.05	22.5	1
20	64QAM	50	50	21.09	21.16	21.05		
20	64QAM	100	0	20.88	20.87	20.79		
20	256QAM	1	0	19.13	19.21	19.14		
20	256QAM	1	49	19.01	19.19	19.05	20	3.5
20	256QAM	1	99	19.10	19.14	19.09		
20	256QAM	50	0	18.89	19.07	18.99		
20	256QAM	50	24	19.05	19.00	19.06	20	3.5
20	256QAM	50	50	18.89	18.96	19.03		
20	256QAM	100	0	19.07	19.01	18.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.08	22.17	22.10	23.5	0
15	QPSK	1	37	21.98	22.03	21.96		
15	QPSK	1	74	21.95	21.96	22.02		
15	QPSK	36	0	21.90	21.90	21.92		
15	QPSK	36	20	21.72	21.92	21.78	23.5	0
15	QPSK	36	39	21.87	21.83	21.79		
15	QPSK	75	0	21.75	21.90	21.76		
15	16QAM	1	0	21.59	21.83	21.74		
15	16QAM	1	37	21.75	21.68	21.71	23.5	0
15	16QAM	1	74	21.64	21.82	21.67		
15	16QAM	36	0	21.75	21.70	21.68		
15	16QAM	36	20	21.83	21.86	21.80	23.5	0
15	16QAM	36	39	21.76	21.81	21.81		
15	16QAM	75	0	21.84	21.72	21.78		
15	64QAM	1	0	21.75	21.94	21.82		
15	64QAM	1	37	21.83	21.84	21.90	23.5	0
15	64QAM	1	74	21.81	21.85	21.80		
15	64QAM	36	0	21.11	21.18	21.06		
15	64QAM	36	20	20.94	21.03	20.96	22.5	1
15	64QAM	36	39	20.96	21.00	20.91		
15	64QAM	75	0	20.76	20.75	20.63		
15	256QAM	1	0	19.05	19.06	19.05		
15	256QAM	1	37	18.87	19.06	18.98	20	3.5
15	256QAM	1	74	18.94	19.06	19.02		
15	256QAM	36	0	18.74	18.94	18.90		
15	256QAM	36	20	18.93	18.93	18.90	20	3.5
15	256QAM	36	39	18.77	18.89	18.96		
15	256QAM	75	0	19.00	18.93	18.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.09	22.14	22.10	23.5	0
10	QPSK	1	25	21.96	22.04	21.94		
10	QPSK	1	49	21.94	22.04	21.97		
10	QPSK	25	0	21.91	21.98	21.90	23.5	0
10	QPSK	25	12	21.78	21.89	21.81		
10	QPSK	25	25	21.85	21.83	21.80		
10	QPSK	50	0	21.78	21.87	21.74		
10	16QAM	1	0	21.65	21.78	21.67		
10	16QAM	1	25	21.82	21.66	21.71	23.5	0
10	16QAM	1	49	21.59	21.78	21.68		
10	16QAM	25	0	21.75	21.66	21.72		
10	16QAM	25	12	21.78	21.86	21.74	23.5	0
10	16QAM	25	25	21.71	21.94	21.81		
10	16QAM	50	0	21.79	21.72	21.79		
10	64QAM	1	0	21.83	21.89	21.83		
10	64QAM	1	25	21.86	21.89	21.92	23.5	0
10	64QAM	1	49	21.82	21.84	21.74		
10	64QAM	25	0	21.05	21.18	21.04		
10	64QAM	25	12	20.91	21.05	20.91	22.5	1
10	64QAM	25	25	21.01	21.06	20.94		
10	64QAM	50	0	20.76	20.77	20.69		
10	256QAM	1	0	19.01	19.10	18.99		
10	256QAM	1	25	18.89	19.09	18.93	20	3.5
10	256QAM	1	49	18.95	19.05	19.00		
10	256QAM	25	0	18.78	18.95	18.90		
10	256QAM	25	12	18.98	18.90	18.97	20	3.5
10	256QAM	25	25	18.78	18.81	18.95		
10	256QAM	50	0	18.93	18.91	18.91		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.12	22.11	22.11	23.5	0
5	QPSK	1	12	21.92	22.04	22.01		
5	QPSK	1	24	21.99	22.03	21.97		
5	QPSK	12	0	21.89	21.95	21.85	23.5	0
5	QPSK	12	7	21.80	21.94	21.85		
5	QPSK	12	13	21.89	21.82	21.81		
5	QPSK	25	0	21.77	21.88	21.73		
5	16QAM	1	0	21.61	21.76	21.66	23.5	0
5	16QAM	1	12	21.81	21.73	21.70		
5	16QAM	1	24	21.59	21.82	21.69		
5	16QAM	12	0	21.81	21.73	21.68	23.5	0
5	16QAM	12	7	21.77	21.83	21.81		
5	16QAM	12	13	21.75	21.78	21.81		
5	16QAM	25	0	21.83	21.72	21.74		
5	64QAM	1	0	21.83	21.92	21.85	23.5	0
5	64QAM	1	12	21.92	21.91	21.88		
5	64QAM	1	24	21.80	21.87	21.77		
5	64QAM	12	0	21.07	21.19	21.10	22.5	1
5	64QAM	12	7	20.97	21.07	20.92		
5	64QAM	12	13	20.94	21.06	20.96		
5	64QAM	25	0	20.76	20.79	20.69		
5	256QAM	1	0	19.01	19.11	19.02		
5	256QAM	1	12	18.93	19.09	18.93	20	3.5
5	256QAM	1	24	19.03	19.03	19.00		
5	256QAM	12	0	18.79	18.98	18.88		
5	256QAM	12	7	18.92	18.94	18.98	20	3.5
5	256QAM	12	13	18.83	18.88	18.91		
5	256QAM	25	0	18.95	18.86	18.90		
Channel				26003	26340	26677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.13	22.15	22.03	23.5	0
3	QPSK	1	8	21.97	22.03	22.01		
3	QPSK	1	14	21.92	21.98	21.96		
3	QPSK	8	0	21.82	21.90	21.87	23.5	0
3	QPSK	8	4	21.71	21.88	21.78		
3	QPSK	8	7	21.90	21.88	21.82		
3	QPSK	15	0	21.77	21.90	21.77		
3	16QAM	1	0	21.61	21.73	21.71	23.5	0
3	16QAM	1	8	21.82	21.72	21.67		
3	16QAM	1	14	21.63	21.79	21.68		
3	16QAM	8	0	21.79	21.68	21.71	23.5	0
3	16QAM	8	4	21.81	21.85	21.75		
3	16QAM	8	7	21.75	21.75	21.81		
3	16QAM	15	0	21.80	21.80	21.70		
3	64QAM	1	0	21.77	21.87	21.77	23.5	0
3	64QAM	1	8	21.85	21.90	21.86		
3	64QAM	1	14	21.78	21.80	21.75		
3	64QAM	8	0	21.03	21.17	21.10	22.5	1
3	64QAM	8	4	20.92	21.07	20.96		
3	64QAM	8	7	21.02	21.09	20.96		
3	64QAM	15	0	20.77	20.77	20.70		
3	256QAM	1	0	19.04	19.05	18.99		
3	256QAM	1	8	18.90	19.06	18.95	20	3.5
3	256QAM	1	14	18.99	19.00	18.93		
3	256QAM	8	0	18.74	18.93	18.89		
3	256QAM	8	4	18.91	18.91	18.91	20	3.5
3	256QAM	8	7	18.83	18.80	18.90		
3	256QAM	15	0	18.92	18.93	18.90		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.15	22.09	22.03	23.5	0
1.4	QPSK	1	3	21.95	22.05	21.97		
1.4	QPSK	1	5	21.92	21.95	21.98		
1.4	QPSK	3	0	21.87	21.98	21.87		
1.4	QPSK	3	1	21.75	21.87	21.82		
1.4	QPSK	3	3	21.80	21.88	21.80		
1.4	QPSK	6	0	21.82	21.89	21.79	23.5	0
1.4	16QAM	1	0	21.61	21.79	21.74	23.5	0
1.4	16QAM	1	3	21.82	21.65	21.69		
1.4	16QAM	1	5	21.58	21.78	21.66		
1.4	16QAM	3	0	21.79	21.67	21.75		
1.4	16QAM	3	1	21.83	21.85	21.81		
1.4	16QAM	3	3	21.77	21.82	21.75		
1.4	16QAM	6	0	21.79	21.72	21.75	23.5	0
1.4	64QAM	1	0	21.77	21.85	21.79	23.5	0
1.4	64QAM	1	3	21.86	21.83	21.89		
1.4	64QAM	1	5	21.81	21.82	21.76		
1.4	64QAM	3	0	21.83	21.90	21.85		
1.4	64QAM	3	1	21.68	21.80	21.66		
1.4	64QAM	3	3	21.71	21.76	21.67		
1.4	64QAM	6	0	20.74	20.81	20.72	22.5	1
1.4	256QAM	1	0	19.03	19.11	19.05	20	3.5
1.4	256QAM	1	3	18.88	19.05	18.94		
1.4	256QAM	1	5	18.98	19.01	18.99		
1.4	256QAM	3	0	18.83	18.95	18.89		
1.4	256QAM	3	1	18.97	18.88	18.93		
1.4	256QAM	3	3	18.75	18.86	18.94		
1.4	256QAM	6	0	18.92	18.85	18.88	20	3.5

Band 26 for FCC Ant0 DSI6 Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.51	22.61	22.52	24	0
15	QPSK	1	37	22.58	22.52	22.60		
15	QPSK	1	74	22.46	22.59	22.56		
15	QPSK	36	0	22.47	22.57	22.48		
15	QPSK	36	20	22.54	22.49	22.53		
15	QPSK	36	39	22.42	22.56	22.52		
15	QPSK	75	0	22.54	22.57	22.56		
15	16QAM	1	0	22.48	22.56	22.46		
15	16QAM	1	37	22.53	22.47	22.55		
15	16QAM	1	74	22.39	22.55	22.52		
15	16QAM	36	0	22.42	22.52	22.43		
15	16QAM	36	20	22.51	22.43	22.52		
15	16QAM	36	39	22.39	22.53	22.49		
15	16QAM	75	0	22.51	22.55	22.53		
15	64QAM	1	0	22.47	22.55	22.47		
15	64QAM	1	37	22.56	22.49	22.57		
15	64QAM	1	74	22.39	22.57	22.54		
15	64QAM	36	0	22.45	22.54	22.45		
15	64QAM	36	20	22.51	22.43	22.52		
15	64QAM	36	39	22.38	22.52	22.49		
15	64QAM	75	0	22.48	22.53	22.56		
15	256QAM	1	0	19.16	19.25	19.17		
15	256QAM	1	37	19.15	19.07	19.22		
15	256QAM	1	74	18.82	18.86	19.04		
15	256QAM	36	0	19.03	18.71	19.18		
15	256QAM	36	20	19.14	19.12	19.15		
15	256QAM	36	39	18.77	18.73	18.90		
15	256QAM	75	0	19.11	19.15	19.09		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.45	22.58	22.48	24	0
10	QPSK	1	25	22.53	22.60	22.55		
10	QPSK	1	49	22.42	22.55	22.54		
10	QPSK	25	0	22.41	22.54	22.45		
10	QPSK	25	12	22.49	22.43	22.53		
10	QPSK	25	25	22.36	22.50	22.47		
10	QPSK	50	0	22.51	22.53	22.52		
10	16QAM	1	0	22.42	22.51	22.42		
10	16QAM	1	25	22.48	22.42	22.49		
10	16QAM	1	49	22.36	22.51	22.48		
10	16QAM	25	0	22.40	22.49	22.40		
10	16QAM	25	12	22.47	22.39	22.47		
10	16QAM	25	25	22.34	22.49	22.46		
10	16QAM	50	0	22.48	22.52	22.49		
10	64QAM	1	0	22.42	22.50	22.44		
10	64QAM	1	25	22.51	22.44	22.51		
10	64QAM	1	49	22.34	22.51	22.50		
10	64QAM	25	0	22.43	22.49	22.39		
10	64QAM	25	12	22.47	22.38	22.48		
10	64QAM	25	25	22.35	22.47	22.44		
10	64QAM	50	0	22.42	22.50	22.50		
10	256QAM	1	0	18.96	18.87	19.12		
10	256QAM	1	25	18.99	19.01	18.85		
10	256QAM	1	49	18.76	18.65	19.03		
10	256QAM	25	0	18.80	18.96	19.00		
10	256QAM	25	12	19.13	19.29	19.23		
10	256QAM	25	25	18.94	19.07	18.84		
10	256QAM	50	0	19.00	19.27	19.05		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.41	22.53	22.44	24	0
5	QPSK	1	12	22.49	22.46	22.52		
5	QPSK	1	24	22.36	22.49	22.51		
5	QPSK	12	0	22.36	22.51	22.41		
5	QPSK	12	7	22.45	22.40	22.48		
5	QPSK	12	13	22.30	22.47	22.44		
5	QPSK	25	0	22.46	22.50	22.49		
5	16QAM	1	0	22.39	22.45	22.38		
5	16QAM	1	12	22.44	22.39	22.44		
5	16QAM	1	24	22.33	22.46	22.45		
5	16QAM	12	0	22.36	22.44	22.37		
5	16QAM	12	7	22.43	22.36	22.44		
5	16QAM	12	13	22.31	22.45	22.40		
5	16QAM	25	0	22.44	22.49	22.44		
5	64QAM	1	0	22.39	22.47	22.40		
5	64QAM	1	12	22.49	22.42	22.48		
5	64QAM	1	24	22.29	22.49	22.45		
5	64QAM	12	0	22.40	22.46	22.34		
5	64QAM	12	7	22.44	22.33	22.43		
5	64QAM	12	13	22.32	22.44	22.38		
5	64QAM	25	0	22.37	22.46	22.44		
5	256QAM	1	0	18.89	18.94	19.17		
5	256QAM	1	12	19.23	19.16	19.12		
5	256QAM	1	24	18.96	18.93	19.10		
5	256QAM	12	0	18.99	18.65	19.11		
5	256QAM	12	7	18.96	18.93	19.06		
5	256QAM	12	13	18.89	18.93	18.77		
5	256QAM	25	0	18.96	19.27	18.81		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.51	22.41	24	0
3	QPSK	1	8	22.43	22.43	22.48		
3	QPSK	1	14	22.38	22.49	22.44		
3	QPSK	8	0	22.35	22.46	22.37		
3	QPSK	8	4	22.40	22.34	22.46		
3	QPSK	8	7	22.30	22.44	22.37		
3	QPSK	15	0	22.43	22.44	22.44		
3	16QAM	1	0	22.32	22.40	22.33		
3	16QAM	1	8	22.38	22.34	22.42		
3	16QAM	1	14	22.26	22.41	22.40		
3	16QAM	8	0	22.33	22.42	22.30		
3	16QAM	8	4	22.41	22.33	22.39		
3	16QAM	8	7	22.27	22.39	22.39		
3	16QAM	15	0	22.42	22.45	22.42		
3	64QAM	1	0	22.35	22.38	22.37		
3	64QAM	1	8	22.43	22.39	22.43		
3	64QAM	1	14	22.25	22.42	22.44		
3	64QAM	8	0	22.35	22.38	22.33		
3	64QAM	8	4	22.39	22.31	22.38		
3	64QAM	8	7	22.27	22.39	22.37		
3	64QAM	15	0	22.36	22.39	22.42		
3	256QAM	1	0	18.79	19.06	18.94		
3	256QAM	1	8	19.02	19.26	19.13		
3	256QAM	1	14	18.86	19.07	19.03		
3	256QAM	8	0	18.85	18.88	19.19		
3	256QAM	8	4	19.25	19.27	19.05		
3	256QAM	8	7	18.91	18.97	18.89		
3	256QAM	15	0	19.15	18.98	19.20		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.35	22.47	22.36	24	0
1.4	QPSK	1	3	22.43	22.40	22.39		
1.4	QPSK	1	5	22.31	22.44	22.39		
1.4	QPSK	3	0	22.31	22.38	22.34		
1.4	QPSK	3	1	22.33	22.27	22.43		
1.4	QPSK	3	3	22.22	22.36	22.33		
1.4	QPSK	6	0	22.38	22.42	22.39	24	0
1.4	16QAM	1	0	22.30	22.39	22.29	24	0
1.4	16QAM	1	3	22.37	22.31	22.38		
1.4	16QAM	1	5	22.22	22.37	22.35		
1.4	16QAM	3	0	22.30	22.36	22.26		
1.4	16QAM	3	1	22.33	22.25	22.36		
1.4	16QAM	3	3	22.23	22.34	22.33		
1.4	16QAM	6	0	22.37	22.41	22.38	24	0
1.4	64QAM	1	0	22.28	22.35	22.29	24	0
1.4	64QAM	1	3	22.41	22.34	22.39		
1.4	64QAM	1	5	22.20	22.37	22.40		
1.4	64QAM	3	0	22.34	22.34	22.27		
1.4	64QAM	3	1	22.33	22.25	22.38		
1.4	64QAM	3	3	22.22	22.37	22.35		
1.4	64QAM	6	0	22.33	22.39	22.40	24	0
1.4	256QAM	1	0	18.98	19.28	19.29	20	4
1.4	256QAM	1	3	19.15	19.26	19.25		
1.4	256QAM	1	5	18.80	18.87	18.94		
1.4	256QAM	3	0	18.97	18.81	19.06		
1.4	256QAM	3	1	19.17	18.96	18.96		
1.4	256QAM	3	3	18.98	18.79	18.79		
1.4	256QAM	6	0	19.21	18.90	18.81	20	4

Band 66 Ant0 DSI6 Power

BW [MHz]	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	20.30	20.34	19.96	21.3	0
20	QPSK	1	49	20.26	20.24	20.18		
20	QPSK	1	99	20.22	20.13	20.19		
20	QPSK	50	0	19.98	20.18	19.95		
20	QPSK	50	24	20.05	20.01	19.94	21.3	0
20	QPSK	50	50	19.97	19.87	19.84		
20	QPSK	100	0	20.03	20.12	19.91		
20	16QAM	1	0	20.05	20.03	19.96		
20	16QAM	1	49	20.04	20.03	19.93	21.3	0
20	16QAM	1	99	19.88	19.82	19.87		
20	16QAM	50	0	19.98	20.05	19.96		
20	16QAM	50	24	20.06	20.00	19.95	21.3	0
20	16QAM	50	50	20.02	19.91	19.84		
20	16QAM	100	0	20.04	19.99	19.92		
20	64QAM	1	0	19.98	20.09	20.03		
20	64QAM	1	49	20.08	20.06	20.05	21.3	0
20	64QAM	1	99	20.03	19.98	19.90		
20	64QAM	50	0	19.87	20.02	19.96		
20	64QAM	50	24	20.02	20.00	19.94	21.3	0
20	64QAM	50	50	19.98	19.93	19.86		
20	64QAM	100	0	20.00	19.97	19.90		
20	256QAM	1	0	18.08	18.14	18.28		
20	256QAM	1	49	18.05	18.32	18.05	19	2.3
20	256QAM	1	99	18.18	18.28	17.87		
20	256QAM	50	0	18.25	18.32	18.25		
20	256QAM	50	24	17.93	18.31	18.00	19	2.3
20	256QAM	50	50	18.09	18.21	18.03		
20	256QAM	100	0	18.57	18.46	18.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.20	20.26	20.10	21.3	0
15	QPSK	1	37	20.21	20.11	20.08		
15	QPSK	1	74	20.11	20.07	20.13		
15	QPSK	36	0	19.91	20.15	19.85		
15	QPSK	36	20	20.00	19.97	19.89	21.3	0
15	QPSK	36	39	19.87	19.76	19.76		
15	QPSK	75	0	19.91	20.04	19.79		
15	16QAM	1	0	20.03	20.00	19.92		
15	16QAM	1	37	19.89	19.87	19.82	21.3	0
15	16QAM	1	74	19.85	19.73	19.82		
15	16QAM	36	0	19.89	19.94	19.88		
15	16QAM	36	20	19.97	19.93	19.88	21.3	0
15	16QAM	36	39	19.88	19.88	19.69		
15	16QAM	75	0	19.93	19.92	19.83		
15	64QAM	1	0	19.87	20.00

Band 38(only on channel required) Ant0 DSI6 Power

BW [MHz]	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	23.23	23.49	23.26	24	0
20	QPSK	1	49	23.42	23.42	23.30		
20	QPSK	1	99	23.36	23.35	23.30		
20	QPSK	50	0	23.17	23.43	23.22	24	0
20	QPSK	50	24	23.26	23.37	23.26		
20	QPSK	50	50	23.34	23.32	23.27		
20	QPSK	100	0	23.27	23.39	23.34		
20	16QAM	1	0	23.37	23.46	23.21	24	0
20	16QAM	1	49	23.37	23.37	23.24		
20	16QAM	1	99	23.33	23.31	23.25		
20	16QAM	50	0	23.12	23.40	23.16	24	0
20	16QAM	50	24	23.34	23.37	23.23		
20	16QAM	50	50	23.31	23.28	23.21		
20	16QAM	100	0	23.23	23.23	23.30		
20	64QAM	1	0	23.14	23.43	23.17	24	0
20	64QAM	1	49	23.32	23.33	23.19		
20	64QAM	1	99	23.29	23.27	23.20		
20	64QAM	50	0	23.10	23.36	23.12	24	0
20	64QAM	50	24	23.29	23.31	23.18		
20	64QAM	50	50	23.25	23.24	23.15		
20	64QAM	100	0	23.20	23.20	23.28		
20	256QAM	1	0	21.25	21.39	21.32	22	2
20	256QAM	1	49	21.22	20.96	21.24		
20	256QAM	1	99	21.00	21.23	21.19		
20	256QAM	50	0	21.02	21.28	21.28	22	2
20	256QAM	50	24	21.43	21.49	21.34		
20	256QAM	50	50	21.48	21.39	21.18		
20	256QAM	100	0	21.20	20.91	21.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.19	23.47	23.24	24	0
15	QPSK	1	37	23.38	23.39	23.26		
15	QPSK	1	74	23.33	23.32	23.27		
15	QPSK	36	0	23.14	23.39	23.19	24	0
15	QPSK	36	20	23.35	23.38	23.20		
15	QPSK	36	39	23.31	23.28	23.24		
15	QPSK	75	0	23.21	23.24	23.29		
15	16QAM	1	0	23.14	23.40	23.19	24	0
15	16QAM	1	37	23.35	23.33	23.20		
15	16QAM	1	74	23.30	23.27	23.22		
15	16QAM	36	0	23.07	23.38	23.14	24	0
15	16QAM	36	20	23.31	23.31	23.19		
15	16QAM	36	39	23.27	23.24	23.16		
15	16QAM	75	0	23.18	23.19	23.25		
15	64QAM	1	0	23.11	23.39	23.13	24	0
15	64QAM	1	37	23.30	23.29	23.14		
15	64QAM	1	74	23.27	23.23	23.17		
15	64QAM	36	0	23.07	23.32	23.08	24	0
15	64QAM	36	20	23.24	23.25	23.15		
15	64QAM	36	39	23.20	23.19	23.10		
15	64QAM	75	0	23.14	23.18	23.22		
15	256QAM	1	0	21.31	21.07	21.19	22	2
15	256QAM	1	37	21.15	21.19	21.16		
15	256QAM	1	74	21.01	21.17	21.09		
15	256QAM	36	0	21.08	21.43	21.35	22	2
15	256QAM	36	20	21.43	21.53	21.30		
15	256QAM	36	39	21.39	21.27	21.05		
15	256QAM	75	0	21.27	20.93	21.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.42	23.19	24	0
10	QPSK	1	25	23.35	23.33	23.23		
10	QPSK	1	49	23.27	23.29	23.23		
10	QPSK	25	0	23.12	23.36	23.13	24	0
10	QPSK	25	12	23.33	23.35	23.17		
10	QPSK	25	25	23.27	23.23	23.20		
10	QPSK	50	0	23.18	23.20	23.23		
10	16QAM	1	0	23.10	23.34	23.14	24	0
10	16QAM	1	25	23.29	23.31	23.15		
10	16QAM	1	49	23.24	23.21	23.20		
10	16QAM	25	0	23.01	23.34	23.09	24	0
10	16QAM	25	12	23.27	23.26	23.16		
10	16QAM	25	25	23.24	23.21	23.12		
10	16QAM	50	0	23.12	23.16	23.20		
10	64QAM	1	0	23.07	23.37	23.08	24	0
10	64QAM	1	25	23.27	23.26	23.11		
10	64QAM	1	49	23.24	23.17	23.13		
10	64QAM	25	0	23.01	23.28	23.04	24	0
10	64QAM	25	12	23.22	23.19	23.09		
10	64QAM	25	25	23.18	23.16	23.07		
10	64QAM	50	0	23.10	23.12	23.19		
10	256QAM	1	0	21.21	20.77	20.97	22	2
10	256QAM	1	25	20.91	21.12	21.04		
10	256QAM	1	49	21.17	21.16	20.84		
10	256QAM	25	0	21.21	21.34	21.12	22	2
10	256QAM	25	12	21.30	21.48	21.32		
10	256QAM	25	25	21.42	21.57	21.18		
10	256QAM	50	0	20.91	20.96	21.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.39	23.15	24	0
5	QPSK	1	12	23.29	23.28	23.19		
5	QPSK	1	24	23.24	23.26	23.17		
5	QPSK	12	0	23.09	23.32	23.10	24	0
5	QPSK	12	7	23.29	23.32	23.13		
5	QPSK	12	13	23.24	23.19	23.14		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.05	23.29	23.12	24	0
5	16QAM	1	12	23.24	23.25	23.13		
5	16QAM	1	24	23.19	23.18	23.15		
5	16QAM	12	0	22.97	23.29	23.06	24	0
5	16QAM	12	7	23.22	23.24	23.14		
5	16QAM	12	13	23.20	23.18	23.09		
5	16QAM	25	0	23.07	23.14	23.15		
5	64QAM	1	0	23.02	23.32	23.04	24	0
5	64QAM	1	12	23.23	23.24	23.07		
5	64QAM	1	24	23.18	23.14	23.10		
5	64QAM	12	0	22.98	23.24	23.00	24	0
5	64QAM	12	7	23.19	23.14	23.05		
5	64QAM	12	13	23.14	23.11	23.02		
5	64QAM	25	0	23.05	23.07	23.14		
5	256QAM	1	0	20.99	21.37	21.02	22	2
5	256QAM	1	12	21.21	20.91	21.17		
5	256QAM	1	24	21.01	20.97	20.95		
5	256QAM	12	0	21.09	21.02	21.04	22	2
5	256QAM	12	7	21.23	21.42	21.47		
5	256QAM	12	13	21.38	21.18	21.16		
5	256QAM	25	0	20.87	20.94	21.12		

Band 38(only on channel required) PC2 Ant0 DSI6 Power

BW [MHz]	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	26.24	26.41	26.33	27	0
20	QPSK	1	49	26.38	26.35	26.32		
20	QPSK	1	99	26.33	26.27	26.27		
20	QPSK	50	0	26.35	26.39	26.33	27	0
20	QPSK	50	24	26.31	26.34	26.23		
20	QPSK	50	50	26.30	26.27	26.26		
20	QPSK	100	50	26.34	26.36	26.35		
20	16QAM	1	0	26.19	26.37	26.28	27	0
20	16QAM	1	49	26.32	26.32	26.27		
20	16QAM	1	99	26.29	26.23	26.21		
20	16QAM	50	0	26.31	26.29	26.29	27	0
20	16QAM	50	24	26.37	26.33	26.34		
20	16QAM	50	50	26.25	26.22	26.20		
20	16QAM	100	0	26.30	26.22	26.30		
20	64QAM	1	0	26.13	26.34	26.22	27	0
20	64QAM	1	49	26.27	26.27	26.21		
20	64QAM	1	99	26.26	26.20	26.16		
20	64QAM	50	0	26.28	26.23	26.23	27	0
20	64QAM	50	24	26.33	26.30	26.29		
20	64QAM	50	50	26.22	26.20	26.16		
20	64QAM	100	0	26.27	26.19	26.27		
20	256QAM	1	0	24.84	24.68	24.60	25	2
20	256QAM	1	49	24.55	24.63	24.75		
20	256QAM	1	99	24.35	24.51	24.44		
20	256QAM	50	0	24.79	24.63	24.67	25	2
20	256QAM	50	24	24.40	24.43	24.61		
20	256QAM	50	50	24.34	24.63	24.47		
20	256QAM	100	0	24.00	24.20	24.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	26.21	26.36	26.31	27	0
15	QPSK	1	37	26.33	26.31	26.29		
15	QPSK	1	74	26.29	26.25	26.24		
15	QPSK	36	0	26.32	26.28	26.30	27	0
15	QPSK	36	20	26.34	26.32	26.33		
15	QPSK	36	39	26.24	26.22	26.21		
15	QPSK	75	0	26.31	26.21	26.32		
15	16QAM	1	0	26.13	26.33	26.23	27	0
15	16QAM	1	37	26.26	26.30	26.22		
15	16QAM	1	74	26.24	26.20	26.19		
15	16QAM	36	0	26.25	26.26	26.26	27	0
15	16QAM	36	20	26.33	26.30	26.29		
15	16QAM	36	39	26.19	26.17	26.15		
15	16QAM	75	0	26.28	26.18	26.25		
15	64QAM	1	0	26.10	26.31	26.19	27	0
15	64QAM	1	37	26.21	26.21	26.15		
15	64QAM	1	74	26.23	26.16	26.12		
15	64QAM	36	0	26.26	26.18	26.17	27	0
15	64QAM	36	20	26.30	26.28	26.24		
15	64QAM	36	39	26.19	26.17	26.12		
15	64QAM	75	0	26.25	26.17	26.23		
15	256QAM	1	0	24.70	24.77	24.62	25	2
15	256QAM	1	37	24.47	24.70	24.67		
15	256QAM	1	74	24.29	24.33	24.52		
15	256QAM	36	0	24.57	24.59	24.69	25	2
15	256QAM	36	20	24.37	24.29	24.65		
15	256QAM	36	39	24.31	24.46	24.29		
15	256QAM	75	0	24.20	24.40	24.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	26.15	26.32	26.26	27	0
10	QPSK	1	25	26.31	26.27	26.27		
10	QPSK	1	49	26.26	26.19	26.21		
10	QPSK	25	0	26.28	26.24	26.25	27	0
10	QPSK	25	12	26.30	26.29	26.28		
10	QPSK	25	25	26.22	26.16	26.18		
10	QPSK	50	0	26.27	26.17	26.30		
10	16QAM	1	0	26.10	26.31	26.21	27	0
10	16QAM	1	25	26.22	26.24	26.17		
10	16QAM	1	49	26.20	26.18	26.13		
10	16QAM	25	0	26.20	26.23	26.24	27	0
10	16QAM	25	12	26.29	26.27	26.26		
10	16QAM	25	25	26.15	26.13	26.09		
10	16QAM	50	0	26.22	26.15	26.22		
10	64QAM	1	0	26.07	26.28	26.16	27	0
10	64QAM	1	25	26.18	26.18	26.09		
10	64QAM	1	49	26.19	26.10	26.09		
10	64QAM	25	0	26.21	26.12	26.12	27	0
10	64QAM	25	12	26.26	26.25	26.20		
10	64QAM	25	25	26.16	26.14	26.09		
10	64QAM	50	0	26.20	26.12	26.21		
10	256QAM	1	0	24.67	24.39	24.51	25	2
10	256QAM	1	25	24.63	24.51	24.65		
10	256QAM	1	49	24.62	24.61	24.47		
10	256QAM	25	0	24.71	24.41	24.57	25	2
10	256QAM	25	12	24.43	24.35	24.48		
10	256QAM	25	25	24.36	24.52	24.38		
10	256QAM	50	0	24.34	24.52	24.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	26.13	26.29	26.22	27	0
5	QPSK	1	12	26.26	26.22	26.22		
5	QPSK	1	24	26.24	26.15	26.18		
5	QPSK	12	0	26.22	26.19	26.19	27	0
5	QPSK	12	7	26.28	26.25	26.25		
5	QPSK	12	13	26.19	26.11	26.15		
5	QPSK	25	0	26.23	26.12	26.28		
5	16QAM	1	0	26.06	26.26	26.16	27	0
5	16QAM	1	12	26.19	26.21	26.13		
5	16QAM	1	24	26.16	26.14	26.09		
5	16QAM	12	0	26.14	26.18	26.20	27	0
5	16QAM	12	7	26.24	26.21	26.22		
5	16QAM	12	13	26.10	26.09	26.05		
5	16QAM	25	0	26.16	26.12	26.17		
5	64QAM	1	0	26.03	26.24	26.11	27	0
5	64QAM	1	12	26.12	26.14	26.03		
5	64QAM	1	24	26.14	26.08	26.06		
5	64QAM	12	0	26.18	26.07	26.07	27	0
5	64QAM	12	7	26.21	26.20	26.17		
5	64QAM	12	13	26.12	26.10	26.06		
5	64QAM	25	0	26.15	26.09	26.17		
5	256QAM	1	0	24.80	24.65	24.64	25	2
5	256QAM	1	12	24.36	24.55	24.67		
5	256QAM	1	24	24.48	24.41	24.42		
5	256QAM	12	0	24.59	24.60	24.54	25	2
5	256QAM	12	7	24.33	24.45	24.41		
5	256QAM	12	13	24.43	24.45	24.32		
5	256QAM	25	0	24.18	24.32	24.28		

Band 41 (2.6G Band) Ant0 DSI6 Power

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	23.28	23.14	23.64	23.33	23.53	24	0
20	QPSK	1	49	23.22	23.19	23.42	23.30	23.43		
20	QPSK	1	99	23.33	23.32	23.26	23.49	23.49		
20	QPSK	50	0	23.17	23.14	23.35	23.20	23.34	24	0
20	QPSK	50	24	23.28	23.26	23.22	23.33	23.32		
20	QPSK	50	50	23.20	23.26	23.31	23.25	23.33		
20	QPSK	100	0	23.18	23.21	23.34	23.26	23.26		
20	16QAM	1	0	23.21	23.32	23.36	23.06	23.13	24	0
20	16QAM	1	49	23.37	23.09	23.52	23.32	23.52		
20	16QAM	1	99	23.23	23.11	23.52	23.49	23.50		
20	16QAM	50	0	23.11	23.19	23.25	23.21	23.37	24	0
20	16QAM	50	24	23.24	23.34	23.21	23.37	23.48		
20	16QAM	50	50	23.17	23.26	23.34	23.20	23.50		
20	16QAM	100	0	23.25	23.31	23.22	23.20	23.45		
20	64QAM	1	0	23.31	23.07	23.23	23.00	23.19	24	0
20	64QAM	1	49	23.19	23.16	23.38	23.30	23.37		
20	64QAM	1	99	23.23	22.94	23.11	23.19	23.35		
20	64QAM	50	0	23.06	23.22	23.32	23.15	23.32	24	0
20	64QAM	50	24	23.25	23.24	23.41	23.33	23.44		
20	64QAM	50	50	23.13	23.26	23.33	23.28	23.48		
20	64QAM	100	0	23.16	23.21	23.30	23.30	23.45		
20	256QAM	1	0	21.83	21.93	21.90	21.97	22.13	23	1
20	256QAM	1	49	22.10	21.96	21.95	21.99	21.92		
20	256QAM	1	99	22.13	21.98	21.98	21.83	22.16		
20	256QAM	50	0	22.36	22.23	22.09	22.33	22.38	23	1
20	256QAM	50	24	21.94	22.03	21.91	22.20	22.11		
20	256QAM	50	50	22.00	21.93	21.94	21.91	22.15		
20	256QAM	100	0	21.92	21.86	22.06	21.93	21.87		
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	23.42	23.09	23.59	23.28	23.51	24	0
15	QPSK	1	37	23.19	23.17	23.39	23.24	23.39		
15	QPSK	1	74	23.24	23.30	23.21	23.31	23.47		
15	QPSK	36	0	23.12	23.10	23.30	23.16	23.29	24	0
15	QPSK	36	20	23.26	23.22	23.19	23.28	23.46		
15	QPSK	36	39	23.17	23.23	23.30	23.19	23.49		
15	QPSK	75	0	23.16	23.18	23.28	23.22	23.44		
15	16QAM	1	0	23.19	23.12	23.32	23.03	23.07	24	0
15	16QAM	1	37	23.33	23.03	23.49	23.30	23.41		
15	16QAM	1	74	23.11	23.07	23.47	23.37	23.45		
15	16QAM	36	0	23.08	23.16	23.21	23.18	23.34	24	0
15	16QAM	36	20	23.19	23.31	23.18	23.32	23.43		
15	16QAM	36	39	23.14	23.21	23.30	23.17	23.47		
15	16QAM	75	0	23.21	23.26	23.16	23.14	23.40		
15	64QAM	1	0	23.11	22.95	23.15	23.35	23.21	24	0
15	64QAM	1	37	23.14	23.12	23.08	23.27	23.33		
15	64QAM	1	74	23.17	22.89	22.87	23.21	23.27		
15	64QAM	36	0	23.27	23.19	23.27	23.10	23.27	24	0
15	64QAM	36	20	23.21	23.19	23.37	23.28	23.40		
15	64QAM	36	39	23.11	23.22	23.29	23.25	23.18		
15	64QAM	75	0	23.11	23.15	23.27	23.26	23.41		
15	256QAM	1	0	21.82	21.96	21.86	22.12	22.22	23	1
15	256QAM	1	37	21.89	22.09	22.08	21.93	22.06		
15	256QAM	1	74	22.03	21.85	22.09	22.00	22.12		
15	256QAM	36	0	22.26	22.07	21.99	22.23	22.16	23	1
15	256QAM	36	20	21.86	22.17	21.99	22.22	22.01		
15	256QAM	36	39	21.95	21.92	21.87	21.84	22.17		
15	256QAM	75	0	21.87	21.75	22.11	21.98	21.83		
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	23.07	23.38	23.26	23.11	24	0
10	QPSK	1	25	23.13	23.11	23.35	23.20	23.34		
10	QPSK	1	49	23.31	23.27	23.18	23.01	23.42		
10	QPSK	25	0	23.07	23.05	23.25	23.13	23.24	24	0
10	QPSK	25	12	23.24	23.18	23.16	23.26	23.43		
10	QPSK	25	25	23.13	23.16	23.18	23.27	23.46		
10	QPSK	50	0	23.13	23.15	23.23	23.17	23.40		
10	16QAM	1	0	23.17	23.24	23.26	22.98	23.01	24	0
10	16QAM	1	25	23.28	23.01	23.37	23.26	23.31		
10	16QAM	1	49	23.12	23.05	23.43	23.19	23.42		
10	16QAM	25	0	23.05	23.11	23.17	23.15	23.28	24	0
10	16QAM	25	12	23.17	23.28	23.16	23.26	23.37		
10	16QAM	25	25	23.09	23.15	23.27	23.14	23.42		
10	16QAM	50	0	23.18	23.21	23.14	23.08	23.36		
10	64QAM	1	0	23.08	22.93	23.26	23.29	23.19	24	0
10	64QAM	1	25	23.10	23.06	23.35	23.22	23.30		
10	64QAM	1	49	23.11	23.11	23.11	23.37	23.37		
10	64QAM	25	0	23.09	23.15	23.23	23.05	23.24	24	0
10	64QAM	25	12	23.16	23.17	23.35	23.25	23.36		
10	64QAM	25	25	23.08	23.19	23.25	23.22	23.51		
10	64QAM	50	0	23.07	23.09	23.23	23.24	23.36		
10	256QAM	1	0	21.97	21.98	22.05	22.06	21.97	23	1
10	256QAM	1	25	21.91	22.04	22.00	21.86	21.95		
10	256QAM	1	49	22.11	21.95	22.09	21.63	22.06		
10	256QAM	25	0	22.06	22.31	22.21	22.04	22.09	23	1
10	256QAM	25	12	21.99	22.10	22.01	22.11	21.96		
10	256QAM	25	25	21.95	22.00	21.91	21.98	21.94		
10	256QAM	50	0	21.80	21.81	21.95	22.00	21.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.94	23.03	23.18	23.22	22.89	24	0
5	QPSK	1	12	23.08	23.09	23.32	23.17	23.30		
5	QPSK	1	24	23.01	23.22	23.14	22.98	23.28		
5	QPSK	12	0	23.03	23.02	23.20	23.08	23.20	24	0
5	QPSK	12	7	23.22	23.14	23.13	23.21	23.39		
5	QPSK	12	13	23.10	23.13	23.22	23.11	23.41		
5	QPSK	25	0	23.10	23.10	23.21	23.13	23.37	24	0
5	16QAM	1	0	23.11	23.06	23.21	22.95	22.95		
5	16QAM	1	12	23.25	22.95	23.07	23.21	23.27		
5	16QAM	1	24	22.99	23.00	23.24	23.21	23.27		
5	16QAM	12	0	22.99	23.07	23.12	23.12	23.22	24	0
5	16QAM	12	7	23.14	23.23	23.12	23.23	23.35		
5	16QAM	12	13	23.03	23.12	23.22	23.10	23.37		
5	16QAM	25	0	23.12	23.15	23.09	23.06	23.33	24	0
5	64QAM	1	0	23.00	22.98

	Ant1 DSI6 Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.05	32.03	33.50	23.19	23.05	23.03	24.50
GPRS 1 Tx slot	32.18	32.02	32.01	33.50	23.18	23.02	23.01	24.50
GPRS 2 Tx slots	29.45	29.25	29.24	30.00	23.45	23.25	23.24	24.00
GPRS 3 Tx slots	28.03	28.05	27.79	29.50	23.77	23.79	23.53	25.24
GPRS 4 Tx slots	26.45	26.25	26.17	27.50	23.45	23.25	23.17	24.50
EDGE 1 Tx slot	25.08	25.13	25.00	26.00	16.08	16.13	16.00	17.00
EDGE 2 Tx slots	23.52	23.49	23.63	25.00	17.52	17.49	17.63	19.00
EDGE 3 Tx slots	22.48	22.35	22.65	24.00	18.22	18.09	18.39	19.74
EDGE 4 Tx slots	20.35	20.25	20.48	22.00	17.35	17.25	17.48	19.00

		Ant1 DSI6 Power			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.72	23.77	23.71	25.00
3GPP Rel 99	RMC 12.2Kbps	23.78	23.79	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.67	22.96	22.91	24.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.94	22.97	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.41	22.44	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.52	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.73	22.78	22.73	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.25	22.66	22.68	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.15	22.23	22.10	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.19	22.25	23.50
3GPP Rel 6	HSUPA Subtest-1	22.36	22.23	22.04	24.00
3GPP Rel 6	HSUPA Subtest-2	20.91	21.01	20.92	22.00
3GPP Rel 6	HSUPA Subtest-3	21.97	21.94	22.04	23.00
3GPP Rel 6	HSUPA Subtest-4	20.92	20.98	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	22.86	22.87	23.04	24.00

Band 2 (1900MHz Band) Ant1 DSI6 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.86	21.97	21.89	23.5	0
20	QPSK	1	49	21.89	21.94	21.88		
20	QPSK	1	99	21.88	21.92	21.91		
20	QPSK	50	0	21.86	21.83	21.92		
20	QPSK	50	24	21.87	21.91	21.72	23.5	0
20	QPSK	50	50	21.81	21.89	21.86		
20	QPSK	100	0	21.86	21.94	21.88		
20	16QAM	1	0	21.78	21.86	21.69		
20	16QAM	1	49	21.79	21.84	21.78	23.5	0
20	16QAM	1	99	21.84	21.87	21.81		
20	16QAM	50	0	21.22	21.14	21.22		
20	16QAM	50	24	21.25	21.22	21.27	23	0.5
20	16QAM	50	50	21.22	21.12	21.25		
20	16QAM	100	0	21.18	21.18	21.02		
20	64QAM	1	0	21.85	21.91	21.85		
20	64QAM	1	49	21.88	21.95	21.93	23.5	0
20	64QAM	1	99	21.90	21.77	21.82		
20	64QAM	50	0	21.11	21.19	21.18		
20	64QAM	50	24	21.27	21.24	21.26	23	0.5
20	64QAM	50	50	21.17	21.15	21.28		
20	64QAM	100	0	21.20	21.22	21.02		
20	256QAM	1	0	18.13	18.20	18.21		
20	256QAM	1	49	18.12	18.11	18.06	20	3.5
20	256QAM	1	99	18.24	18.20	18.10		
20	256QAM	50	0	18.18	18.25	18.18		
20	256QAM	50	24	18.08	18.05	18.24	20	3.5
20	256QAM	50	50	18.23	18.11	18.12		
20	256QAM	100	0	18.03	18.08	18.13		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.85	21.95	21.89		
15	QPSK	1	37	21.89	21.93	21.86	23.5	0
15	QPSK	1	74	21.88	21.80	21.91		
15	QPSK	36	0	21.83	21.79	21.90		
15	QPSK	36	20	21.84	21.88	21.68	23.5	0
15	QPSK	36	39	21.81	21.86	21.82		
15	QPSK	75	0	21.82	21.94	21.88		
15	16QAM	1	0	21.76	21.83	21.67		
15	16QAM	1	37	21.76	21.80	21.74	23.5	0
15	16QAM	1	74	21.84	21.82	21.77		
15	16QAM	36	0	21.20	21.12	21.18		
15	16QAM	36	20	21.24	21.18	21.28	23	0.5
15	16QAM	36	39	21.18	21.11	21.22		
15	16QAM	75	0	21.14	21.13	21.01		
15	64QAM	1	0	21.83	21.87	21.84		
15	64QAM	1	37	21.85	21.92	21.94	23.5	0
15	64QAM	1	74	21.89	21.74	21.81		
15	64QAM	36	0	21.10	21.18	21.18		
15	64QAM	36	20	21.27	21.20	21.24	23	0.5
15	64QAM	36	39	21.15	21.13	21.27		
15	64QAM	75	0	21.17	21.17	21.33		
15	256QAM	1	0	18.14	18.15	18.00		
15	256QAM	1	37	18.08	18.07	18.05	20	3.5
15	256QAM	1	74	18.23	18.21	18.07		
15	256QAM	36	0	18.15	18.20	18.16		
15	256QAM	36	20	18.04	18.04	18.24	20	3.5
15	256QAM	36	39	18.22	18.08	18.07		
15	256QAM	75	0	18.02	18.04	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.85	21.87	21.86		
10	QPSK	1	25	21.89	21.90	21.87	23.5	0
10	QPSK	1	49	21.84	21.78	21.87		
10	QPSK	25	0	21.83	21.83	21.88		
10	QPSK	25	12	21.83	21.88	21.69	23.5	0
10	QPSK	25	25	21.78	21.85	21.83		
10	QPSK	50	0	21.87	21.90	21.86		
10	16QAM	1	0	21.75	21.87	21.65		
10	16QAM	1	25	21.76	21.82	21.76	23.5	0
10	16QAM	1	49	21.83	21.83	21.80		
10	16QAM	25	0	21.23	21.14	21.19		
10	16QAM	25	12	21.24	21.21	21.28	23	0.5
10	16QAM	25	25	21.20	21.13	21.22		
10	16QAM	50	0	21.18	21.13	21.30		
10	64QAM	1	0	21.83	21.87	21.84		
10	64QAM	1	25	21.88	21.91	21.92	23.5	0
10	64QAM	1	49	21.91	21.72	21.82		
10	64QAM	25	0	21.10	21.19	21.15		
10	64QAM	25	12	21.22	21.22	21.27	23	0.5
10	64QAM	25	25	21.15	21.12	21.24		
10	64QAM	50	0	21.20	21.19	21.30		
10	256QAM	1	0	18.09	18.20	18.28		
10	256QAM	1	25	18.13	18.09	18.05	20	3.5
10	256QAM	1	49	18.22	18.20	18.07		
10	256QAM	25	0	18.17	18.22	18.19		
10	256QAM	25	12	18.09	18.03	18.21	20	3.5
10	256QAM	25	25	18.19	18.08	18.13		
10	256QAM	50	0	18.00	18.08	18.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.83	21.94	21.88		
5	QPSK	1	12	21.89	21.89	21.84	23.5	0
5	QPSK	1	24	21.87	21.79	21.89		
5	QPSK	12	0	21.86	21.79	21.91		
5	QPSK	12	7	21.83	21.86	21.73	23.5	0
5	QPSK	12	13	21.78	21.89	21.83		
5	QPSK	25	0	21.84	21.94	21.87		
5	16QAM	1	0	21.76	21.86	21.65		
5	16QAM	1	12	21.75	21.84	21.78	23.5	0
5	16QAM	1	24	21.83	21.87	21.76		
5	16QAM	12	0	21.22	21.10	21.22		
5	16QAM	12	7	21.24	21.20	21.22	23	0.5
5	16QAM	12	13	21.18	21.09	21.24		
5	16QAM	25	0	21.15	21.16	21.32		
5	64QAM	1	0	21.85	21.90	21.81		
5	64QAM	1	12	21.88	21.91	21.93	23.5	0
5	64QAM	1	24	21.90	21.76	21.83		
5	64QAM	12	0	21.06	21.19	21.19		
5	64QAM	12	7	21.27	21.20	21.22	23	0.5
5	64QAM	12	13	21.13	21.15	21.27		
5	64QAM	25	0	21.21	21.21	21.31		
5	256QAM	1	0	18.08	18.20	18.02		
5	256QAM	1	12	18.12	18.07	18.03	20	3.5
5	256QAM	1	24	18.19	18.15	18.06		
5	256QAM	12	0	18.15	18.24	18.14		
5	256QAM	12	7	18.07	18.04	18.24	20	3.5
5	256QAM	12	13	18.19	18.09	18.09		
5	256QAM	25	0	18.02	18.06	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.82	21.94	21.86		
3	QPSK	1	8	21.90	21.90	21.88	23.5	0
3	QPSK	1	14	21.88	21.82	21.87		
3	QPSK	8	0	21.84	21.83	21.93		
3	QPSK	8	4	21.85	21.87	21.69	23.5	0
3	QPSK	8	7	21.82	21.85	21.82		
3	QPSK	15	0	21.82	21.95	21.87		
3	16QAM	1	0	21.77	21.86	21.65		
3	16QAM	1	8	21.75	21.82	21.76	23.5	0
3	16QAM	1	14	21.82	21.87	21.81		
3	16QAM	8	0	21.21	21.11	21.18		
3	16QAM	8	4	21.23	21.18	21.23	23	0.5
3	16QAM	8	7	21.21	21.11	21.22		
3	16QAM	15	0	21.18	21.18	21.28		
3	64QAM	1	0	21.82	21.92	21.85		
3	64QAM	1	8	21.86	21.94	21.91	23.5	0
3	64QAM	1	14	21.90	21.76	21.80		
3	64QAM	8	0	21.08	21.17	21.15		
3	64QAM	8	4	21.22	21.24	21.22	23	0.5
3	64QAM	8	7	21.15	21.14	21.28		
3	64QAM	15	0	21.19	21.17	21.31		
3	256QAM	1	0	18.09	18.18	18.08		
3	256QAM	1	8	18.11	18.10	18.04	20	3.5
3	256QAM	1	14	18.23	18.17	18.07		
3	256QAM	8	0	18.16	18.24	18.18		
3	256QAM	8	4	18.08	18.03	18.20	20	3.5
3	256QAM	8	7	18.19	18.11	18.12		
3	256QAM	15	0	18.31	18.05	18.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.81	21.96	21.88		
1.4	QPSK	1	3	21.89	21.94	21.85		
1.4	QPSK	1	5	21.85	21.81	21.90	23.5	0
1.4	QPSK	3	0	21.82	21.80	21.92		
1.4	QPSK	3	1	21.83	21.90	21.72		
1.4	QPSK	3	3	21.81	21.84	21.87		
1.4	QPSK	6	0	21.85	21.90	21.84	23.5	0
1.4	16QAM	1	0	21.78	21.84	21.70		
1.4	16QAM	1	3	21.77	21.81	21.77		
1.4	16QAM	1	5	21.82	21.88	21.80	23.5	0
1.4	16QAM	3	0	21.76	21.83	21.66		
1.4	16QAM	3	1	21.74	21.82	21.73		
1.4	16QAM	3	3	21.83	21.88	21.75		
1.4	16QAM	6	0	21.15	21.14	21.33	23	0.5
1.4	64QAM	1	0	21.80	21.89	21.81		
1.4	64QAM	1	3	21.84	21.95	21.91		
1.4	64QAM	1	5	21.89	21.75	21.81	23.5	0
1.4	64QAM	3	0	21.75	21.80	21.68		
1.4	64QAM	3	1	21.74	21.79	21.74		
1.4	64QAM	3	3	21.77	21.89	21.76		
1.4	64QAM	6	0	21.16	21.22	21.29	23	0.5
1.4	256QAM	1	0	18.11	18.19	18.04		
1.4	256QAM	1	3	18.09	18.07	18.05		
1.4	256QAM	1	5	18.22	18.16	18.07	20	3.5
1.4	256QAM	3	0	18.17	18.23	18.14		
1.4	256QAM	3	1	18.06	18.06	18.23		
1.4	256QAM	3	3	18.22	18.11	18.07		
1.4	256QAM	6	0	18.01	18.08	18.09	20	3.5

Band 4 (AWS Band) Ant1 DSI6 Power Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.97	20.02	19.80		
20	QPSK	1	49	19.91	19.79	19.95	21.4	0
20	QPSK	1	99	19.92	20.01	19.93		
20	QPSK	50	0	19.87	19.97	19.91		
20	QPSK	50	24	19.77	19.94	19.85	21.4	0
20	QPSK	50	50	19.87	19.86	19.89		
20	QPSK	100	0	19.70	19.91	19.84		
20	16QAM	1	0	19.85	19.94	19.92		
20	16QAM	1	49	19.74	19.89	19.87	21.4	0
20	16QAM	1	99	19.92	19.92	19.68		
20	16QAM	50	0	19.92	19.89	19.90		
20	16QAM	50	24	19.79	19.88	19.95	21.4	0
20	16QAM	50	50	19.90	19.80	19.90		
20	16QAM	100	0	19.86	19.99	19.96		
20	64QAM	1	0	19.92	19.88	19.85		
20	64QAM	1	49	19.61	19.73	19.85	21.4	0
20	64QAM	1	99	19.78	19.87	19.96		
20	64QAM	50	0	19.94	19.50	19.91		
20	64QAM	50	24	19.82	19.71	19.98	21.4	0
20	64QAM	50	50	19.99	19.72	19.67		
20	64QAM	100	0	19.94	19.65	19.85		
20	256QAM	1	0	19.17	19.50	19.26		
20	256QAM	1	49	19.36	19.52	19.29	21	0.4
20	256QAM	1	99	19.31	19.44	19.32		
20	256QAM	50	0	19.23	19.23	19.38		
20	256QAM	50	24	19.37	19.38	19.06	21	0.4
20	256QAM	50	50	19.18	19.26	19.08		
20	256QAM	100	0	19.23	19.12	19.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.84	19.94	19.76		
15	QPSK	1	37	19.73	19.73	19.74	21.4	0
15	QPSK	1	74	19.78	19.95	19.84		
15	QPSK	36	0	19.89	19.79	19.96		
15	QPSK	36	20	19.59	19.81	19.89	21.4	0
15	QPSK	36	39	20.00	19.78	19.79		
15	QPSK	75	0	19.75	19.81	19.85		
15	16QAM	1	0	19.72	19.74	19.84		
15	16QAM	1	37	19.61	19.86	19.86	21.4	0
15	16QAM	1	74	19.94	19.87	19.60		
15	16QAM	36	0	19.73	19.89	19.89		
15	16QAM	36	20	19.74	19.87	19.89	21.4	0
15	16QAM	36	39	19.68	19.82	19.65		
15	16QAM	75	0	19.89	19.87	19.79		
15	64QAM	1	0	19.70	19.72	19.87		
15	64QAM	1	37	19.55	19.68	19.68	21.4	0
15	64QAM	1	74	19.79	19.85	19.84		
15	64QAM	36	0	19.83	19.99	19.80		
15	64QAM	36	20	19.77	19.59	19.82	21.4	0
15	64QAM	36	39	19.82	19.73	19.71		
15	64QAM	75	0	19.89	19.56	19.77		
15	256QAM	1	0	19.08	19.41	19.02		
15	256QAM	1	37	19.31	19.49	19.04	21	0.4
15	256QAM	1	74	19.09	19.39	19.25		
15	256QAM	36	0	19.19	19.22	19.38		
15	256QAM	36	20	19.19	19.43	19.10	21	0.4
15	256QAM	36	39	19.13	19.24	19.27		
15	256QAM	75	0	19.13	19.18	19.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.01	20.01	19.81		
10	QPSK	1	25	19.67	19.80	19.76	21.4	0
10	QPSK	1	49	19.73	20.01	19.84		
10	QPSK	25	0	19.90	19.86	19.68		
10	QPSK	25	12	19.70	19.89	19.75	21.4	0
10	QPSK	25	25	19.96	19.70	19.84		
10	QPSK	50	0	19.75	19.93	19.88		
10	16QAM	1	0	19.69	19.69	19.73		
10	16QAM	1	25	19.54	19.90	19.68	21.4	0
10	16QAM	1	49	19.92	19.79	19.72		
10	16QAM	25	0	19.89	19.84	19.79		
10	16QAM	25	12	19.65	19.79	19.71	21.4	0
10	16QAM	25	25	19.76	19.76	19.70		
10	16QAM	50	0	19.71	19.92	19.83		
10	64QAM	1	0	19.86	19.66	19.68		
10	64QAM	1	25	19.60	19.55	19.66	21.4	0
10	64QAM	1	49	19.69	19.80	19.76		
10	64QAM	25	0	19.82	19.69	19.92		
10	64QAM	25	12	19.67	19.64	19.85	21.4	0
10	64QAM	25	25	20.01	19.60	19.65		
10	64QAM	50	0	19.80	19.64	19.79		
10	256QAM	1	0	19.17	19.36	19.12		
10	256QAM	1	25	19.12	19.50	19.18	21	0.4
10	256QAM	1	49	19.22	19.43	19.34		
10	256QAM	25	0	19.25	19.33	19.32		
10	256QAM	25	12	19.36	19.22	19.22	21	0.4
10	256QAM	25	25	19.38	19.25	19.41		
10	256QAM	50	0	19.20	19.17	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.75	19.95	19.75		
5	QPSK	1	12	19.84	19.66	19.85	21.4	0
5	QPSK	1	24	19.79	19.88	19.74		
5	QPSK	12	0	19.86	19.86	19.93		
5	QPSK	12	7	19.78	19.78	19.77	21.4	0
5	QPSK	12	13	19.97	19.68	19.73		
5	QPSK	25	0	19.65	19.77	19.64		
5	16QAM	1	0	19.88	19.91	19.75		
5	16QAM	1	12	19.69	19.82	19.83	21.4	0
5	16QAM	1	24	19.82	19.76	19.61		
5	16QAM	12	0	19.69	19.64	19.87		
5	16QAM	12	7	19.61	19.67	19.83	21.4	0
5	16QAM	12	13	19.95	19.71	19.91		
5	16QAM	25	0	19.72	19.91	19.78		
5	64QAM	1	0	19.96	19.87	19.89		
5	64QAM	1	12	19.53	19.57	19.69	21.4	0
5	64QAM	1	24	19.58	19.83	19.95		
5	64QAM	12	0	19.95	19.62	19.73		
5	64QAM	12	7	19.70	19.56	19.99	21.4	0
5	64QAM	12	13	19.93	19.71	19.68		
5	64QAM	25	0	19.81	19.44	19.68		
5	256QAM	1	0	19.16	19.27	19.10		
5	256QAM	1	12	19.12	19.35	19.25	21	0.4
5	256QAM	1	24	19.26	19.44	19.09		
5	256QAM	12	0	19.04	19.11	19.03		
5	256QAM	12	7	19.25	19.21	19.06	21	0.4
5	256QAM	12	13	19.03	19.04	19.11		
5	256QAM	25	0	19.14	19.16	19.11		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.79	19.81	19.63		
3	QPSK	1	8	19.96	19.69	19.74	21.4	0
3	QPSK	1	14	19.72	19.91	19.96		
3	QPSK	8	0	19.75	19.94	19.90		
3	QPSK	8	4	19.63	19.87	19.90	21.4	0
3	QPSK	8	7	19.79	19.71	19.67		
3	QPSK	15	0	19.53	19.89	19.66		
3	16QAM	1	0	19.70	19.79	19.81		
3	16QAM	1	8	19.78	19.78	19.81	21.4	0
3	16QAM	1	14	19.75	19.69	19.44		
3	16QAM	8	0	19.88	19.79	19.66		
3	16QAM	8	4	19.62	19.75	19.79	21.4	0
3	16QAM	8	7	19.90	19.59	19.86		
3	16QAM	15	0	19.64	19.81	20.01		
3	64QAM	1	0	19.81	19.88	19.67		
3	64QAM	1	8	19.49	19.62	19.78	21.4	0
3	64QAM	1	14	19.62	19.90	19.73		
3	64QAM	8	0	19.95	19.69	19.75		
3	64QAM	8	4	19.80	19.67	20.01	21.4	0
3	64QAM	8	7	19.85	19.63	19.57		
3	64QAM	15	0	19.85	19.58	19.83		
3	256QAM	1	0	19.14	19.55	19.06		
3	256QAM	1	8	19.36	19.45	19.27	21	0.4
3	256QAM	1	14	19.26	19.39	19.19		
3	256QAM	8	0	19.01	19.13	19.28		
3	256QAM	8	4	19.31	19.31	19.30	21	0.4
3	256QAM	8	7	19.09	19.19	19.31		
3	256QAM	15	0	19.14	19.16	19.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.85	19.85	19.92		
1.4	QPSK	1	3	19.78	19.67	19.69		
1.4	QPSK	1	5	19.53	19.92	19.62	21.4	0
1.4	QPSK	3	0	19.91	19.97	19.56		
1.4	QPSK	3	1	19.77	19.84	19.70		
1.4	QPSK	3	3	19.60	19.68	19.62		
1.4	QPSK	6	0	19.70	19.77	19.50	21.4	0
1.4	16QAM	1	0	19.96	19.97	19.72		
1.4	16QAM	1	3	19.90	19.60	19.84		
1.4	16QAM	1	5	19.78	19.66	19.72	21.4	0
1.4	16QAM	3	0	19.78	19.84	19.63		
1.4	16QAM	3	1	19.90	19.55	19.85		
1.4	16QAM	3	3	19.96	19.89	19.65		
1.4	16QAM	6	0	19.94	19.87	19.61	21.4	0
1.4	64QAM	1	0	19.92	19.94	19.94		
1.4	64QAM	1	3	19.56	19.63	19.66		
1.4	64QAM	1	5	19.75	19.56	19.49	21.4	0
1.4	64QAM	3	0	19.67	19.59	19.71		
1.4	64QAM	3	1	19.95	19.74	19.88		
1.4	64QAM	3	3	19.79	19.87	19.48		
1.4	64QAM	6	0	19.70	19.66	19.67	21.4	0
1.4	256QAM	1	0	19.19	19.21	19.23		
1.4	256QAM	1	3	19.13	19.33	19.15		
1.4	256QAM	1	5	19.17	19.13	19.26	21	0.4
1.4	256QAM	3	0	19.17	19.05	19.26		
1.4	256QAM	3	1	19.18	19.11	19.05		
1.4	256QAM	3	3	19.11	19.18	19.15		
1.4	256QAM	6	0	19.15	19.18	19.01	21	0.4

Band 5 (Cellular Band) Ant1 DSI6 Power Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.20	22.35	22.08		
10	QPSK	1	25	22.15	22.08	22.19	24	0
10	QPSK	1	49	22.04	22.11	22.10		
10	QPSK	25	0	22.19	22.33	22.30		
10	QPSK	25	12	22.28	22.22	22.32	24	0
10	QPSK	25	25	22.24	22.23	22.26		
10	QPSK	50	0	22.21	22.28	22.22		
10	16QAM	1	0	22.18	22.32	22.04		
10

Band 7 (2600MHz Band) Ant1 DSI6 Power Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.65	19.75	19.70		
20	QPSK	1	49	19.47	19.51	19.63	20.7	0
20	QPSK	1	99	19.60	19.59	19.62		
20	QPSK	50	0	19.45	19.59	19.55		
20	QPSK	50	24	19.44	19.46	19.57	20.7	0
20	QPSK	50	50	19.46	19.56	19.51		
20	QPSK	100	0	19.46	19.58	19.53		
20	16QAM	1	0	19.34	19.43	19.50		
20	16QAM	1	49	19.44	19.53	19.49	20.7	0
20	16QAM	1	99	19.51	19.55	19.51		
20	16QAM	50	0	19.33	19.33	19.33		
20	16QAM	50	24	19.38	19.39	19.53	20.7	0
20	16QAM	50	50	19.36	19.44	19.49		
20	16QAM	100	0	19.38	19.35	19.45		
20	64QAM	1	0	19.45	19.29	19.34		
20	64QAM	1	49	19.40	19.49	19.30	20.7	0
20	64QAM	1	99	19.38	19.32	19.51		
20	64QAM	50	0	19.37	19.34	19.45		
20	64QAM	50	24	19.45	19.52	19.37	20.7	0
20	64QAM	50	50	19.45	19.50	19.47		
20	64QAM	100	0	19.44	19.49	19.59		
20	256QAM	1	0	18.56	18.71	18.68		
20	256QAM	1	49	18.49	18.49	18.60	20	0.7
20	256QAM	1	99	18.58	18.49	18.59		
20	256QAM	50	0	18.38	18.63	18.47		
20	256QAM	50	24	18.44	18.58	18.58	20	0.7
20	256QAM	50	50	18.48	18.52	18.61		
20	256QAM	100	0	18.39	18.54	18.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.48	19.65	19.59		
15	QPSK	1	37	19.46	19.49	19.62	20.7	0
15	QPSK	1	74	19.56	19.57	19.61		
15	QPSK	36	0	19.40	19.56	19.52		
15	QPSK	36	20	19.40	19.44	19.52	20.7	0
15	QPSK	36	39	19.42	19.52	19.57		
15	QPSK	75	0	19.41	19.53	19.48		
15	16QAM	1	0	19.30	19.40	19.45		
15	16QAM	1	37	19.40	19.51	19.45	20.7	0
15	16QAM	1	74	19.47	19.51	19.47		
15	16QAM	36	0	19.32	19.30	19.30		
15	16QAM	36	20	19.33	19.37	19.49	20.7	0
15	16QAM	36	39	19.35	19.40	19.46		
15	16QAM	75	0	19.36	19.39	19.41		
15	64QAM	1	0	19.44	19.26	19.30		
15	64QAM	1	37	19.38	19.47	19.28	20.7	0
15	64QAM	1	74	19.34	19.29	19.49		
15	64QAM	36	0	19.32	19.33	19.44		
15	64QAM	36	20	19.42	19.51	19.32	20.7	0
15	64QAM	36	39	19.40	19.48	19.45		
15	64QAM	75	0	19.43	19.47	19.56		
15	256QAM	1	0	18.53	18.68	18.64		
15	256QAM	1	37	18.48	18.47	18.58	20	0.7
15	256QAM	1	74	18.55	18.45	18.57		
15	256QAM	36	0	18.34	18.61	18.46		
15	256QAM	36	20	18.43	18.54	18.56	20	0.7
15	256QAM	36	39	18.45	18.52	18.57		
15	256QAM	75	0	18.35	18.50	18.56		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.46	19.64	19.58		
10	QPSK	1	25	19.45	19.48	19.59	20.7	0
10	QPSK	1	49	19.57	19.56	19.59		
10	QPSK	25	0	19.42	19.54	19.53		
10	QPSK	25	12	19.40	19.44	19.55	20.7	0
10	QPSK	25	25	19.42	19.54	19.58		
10	QPSK	50	0	19.42	19.53	19.49		
10	16QAM	1	0	19.33	19.41	19.46		
10	16QAM	1	25	19.40	19.52	19.45	20.7	0
10	16QAM	1	49	19.47	19.52	19.50		
10	16QAM	25	0	19.28	19.28	19.28		
10	16QAM	25	12	19.36	19.34	19.48	20.7	0
10	16QAM	25	25	19.35	19.40	19.45		
10	16QAM	50	0	19.37	19.33	19.42		
10	64QAM	1	0	19.44	19.26	19.30		
10	64QAM	1	25	19.36	19.48	19.26	20.7	0
10	64QAM	1	49	19.34	19.30	19.48		
10	64QAM	25	0	19.35	19.31	19.41		
10	64QAM	25	12	19.44	19.48	19.34	20.7	0
10	64QAM	25	25	19.43	19.46	19.42		
10	64QAM	50	0	19.40	19.48	19.56		
10	256QAM	1	0	18.54	18.69	18.63		
10	256QAM	1	25	18.44	18.47	18.56	20	0.7
10	256QAM	1	49	18.56	18.44	18.55		
10	256QAM	25	0	18.34	18.62	18.45		
10	256QAM	25	12	18.41	18.56	18.54	20	0.7
10	256QAM	25	25	18.44	18.49	18.59		
10	256QAM	50	0	18.37	18.49	18.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.46	19.64	19.61		
5	QPSK	1	12	19.46	19.48	19.62	20.7	0
5	QPSK	1	24	19.58	19.56	19.59		
5	QPSK	12	0	19.43	19.57	19.51		
5	QPSK	12	7	19.41	19.42	19.56	20.7	0
5	QPSK	12	13	19.43	19.54	19.59		
5	QPSK	25	0	19.43	19.55	19.49		
5	16QAM	1	0	19.33	19.38	19.46		
5	16QAM	1	12	19.42	19.50	19.47	20.7	0
5	16QAM	1	24	19.49	19.51	19.46		
5	16QAM	12	0	19.30	19.29	19.30		
5	16QAM	12	7	19.37	19.34	19.50	20.7	0
5	16QAM	12	13	19.34	19.39	19.45		
5	16QAM	25	0	19.36	19.33	19.42		
5	64QAM	1	0	19.42	19.26	19.32		
5	64QAM	1	12	19.37	19.46	19.26	20.7	0
5	64QAM	1	24	19.35	19.28	19.49		
5	64QAM	12	0	19.34	19.32	19.41		
5	64QAM	12	7	19.43	19.49	19.35	20.7	0
5	64QAM	12	13	19.42	19.48	19.44		
5	64QAM	25	0	19.40	19.47	19.57		
5	256QAM	1	0	18.53	18.69	18.65		
5	256QAM	1	12	18.47	18.47	18.56	20	0.7
5	256QAM	1	24	18.54	18.47	18.54		
5	256QAM	12	0	18.35	18.62	18.43		
5	256QAM	12	7	18.42	18.53	18.55	20	0.7
5	256QAM	12	13	18.43	18.48	18.59		
5	256QAM	25	0	18.38	18.50	18.53		

Band 12 (700MHz Low Band) Ant1 DSI6 Power Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.41	22.67	22.57		
10	QPSK	1	25	22.44	22.49	22.62	24	0
10	QPSK	1	49	22.50	22.58	22.49		
10	QPSK	25	0	22.48	22.65	22.54		
10	QPSK	25	12	22.64	22.63	22.63	24	0
10	QPSK	25	25	22.60	22.64	22.60		
10	QPSK	50	0	22.62	22.63	22.61		
10	16QAM	1	0	22.56	22.62	22.53		
10	16QAM	1	25	22.42	22.45	22.60	24	0
10	16QAM	1	49	22.46	22.55	22.46		
10	16QAM	25	0	22.45	22.48	22.49		
10	16QAM	25	12	22.59	22.59	22.62	24	0
10	16QAM	25	25	22.55	22.61	22.54		
10	16QAM	50	0	22.59	22.55	22.56		
10	64QAM	1	0	22.55	22.62	22.55		
10	64QAM	1	25	22.42	22.47	22.60	24	0
10	64QAM	1	49	22.46	22.53	22.44		
10	64QAM	25	0	21.55	21.51	21.44		
10	64QAM	25	12	21.48	21.50	21.74	23	1
10	64QAM	25	25	21.50	21.73	21.54		
10	64QAM	50	0	21.61	21.49	21.54		
10	256QAM	1	0	20.39	20.36	20.20		
10	256QAM	1	25	20.27	20.35	20.42	22	2
10	256QAM	1	49	20.32	20.58	20.24		
10	256QAM	25	0	20.57	20.47	20.42		
10	256QAM	25	12	20.52	20.51	20.65	22	2
10	256QAM	25	25	20.45	20.84	20.52		
10	256QAM	50	0	20.68	20.57	20.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.36	22.61	22.53		
5	QPSK	1	12	22.40	22.46	22.60	24	0
5	QPSK	1	24	22.44	22.53	22.45		
5	QPSK	12	0	22.44	22.49	22.52		
5	QPSK	12	7	22.59	22.59	22.63	24	0
5	QPSK	12	13	22.55	22.61	22.55		
5	QPSK	25	0	22.56	22.54	22.56		
5	16QAM	1	0	22.54	22.58	22.51		
5	16QAM	1	12	22.36	22.40	22.55	24	0
5	16QAM	1	24	22.41	22.53	22.43		
5	16QAM	12	0	22.43	22.42	22.43		
5	16QAM	12	7	22.54	22.54	22.58	24	0
5	16QAM	12	13	22.52	22.59	22.49		
5	16QAM	25	0	22.53	22.52	22.54		
5	64QAM	1	0	22.52	22.56	22.53		
5	64QAM	1	12	22.37	22.41	22.57	24	0
5	64QAM	1	24	22.42	22.49	22.42		
5	64QAM	12	0	21.49	21.43	21.37		
5	64QAM	12	7	21.55	21.51	21.49	23	1
5	64QAM	12	13	21.58	21.48	21.61		
5	64QAM	25	0	21.60	21.55	21.51		
5	256QAM	1	0	20.31	20.20	20.35		
5	256QAM	1	12	20.39	20.26	20.40	22	2
5	256QAM	1	24	20.30	20.40	20.44		
5	256QAM	12	0	20.42	20.43	20.43		
5	256QAM	12	7	20.62	20.45	20.51	22	2
5	256QAM	12	13	20.61	20.52	20.61		
5	256QAM	25	0	20.59	20.63	20.55		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.30	22.56	22.49		
3	QPSK	1	8	22.37	22.40	22.57	24	0
3	QPSK	1	14	22.40	22.51	22.41		
3	QPSK	8	0	22.39	22.45	22.48		
3	QPSK	8	4	22.53	22.56	22.59	24	0
3	QPSK	8	7	22.52	22.56	22.52		
3	QPSK	15	0	22.53	22.51	22.52		
3	16QAM	1	0	22.51	22.56	22.47		
3	16QAM	1	8	22.32	22.34	22.50	24	0
3	16QAM	1	14	22.38	22.50	22.41		
3	16QAM	8	0	22.38	22.38	22.37		
3	16QAM	8	4	22.49	22.48	22.53	24	0
3	16QAM	8	7	22.47	22.56	22.46		
3	16QAM	15	0	22.49	22.48	22.51		
3	64QAM	1	0	22.47	22.52	22.49		
3	64QAM	1	8	22.34	22.38	22.52	24	0
3	64QAM	1	14	22.40	22.44	22.36		
3	64QAM	8	0	21.27	21.30	21.26		
3	64QAM	8	4	21.47	21.44	21.50	23	1
3	64QAM	8	7	21.48	21.50	21.57		
3	64QAM	15	0	21.43	21.60	21.55		
3	256QAM	1	0	20.06	20.08	20.15		
3	256QAM	1	8	20.14	20.26	20.24	22	2
3	256QAM	1	14	20.22	20.31	20.39		
3	256QAM	8	0	20.37	20.32	20.28		
3	256QAM	8	4	20.37	20.47	20.46	22	2
3	256QAM	8	7	20.40	20.53	20.47		
3	256QAM	15	0	20.52	20.49	20.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.52	22.45		
1.4	QPSK	1	3	22.33	22.37	22.52		
1.4	QPSK	1	5	22.37	22.46	22.35	24	0
1.4	QPSK	3	0	22.36	22.41	22.43		
1.4	QPSK	3	1	22.47	22.52	22.57		
1.4	QPSK	3	3	22.50	22.54	22.48		
1.4	QPSK	6	0	22.49	22.45	22.46	24	0
1.4	16QAM	1	0	22.48	22.52	22.45		
1.4	16QAM	1	3	22.27	22.29	22.45		
1.4	16QAM	1	5	22.35	22.45	22.38	24	0
1.4	16QAM	3	0	22.33	22.35	22.32		
1.4	16QAM	3	1	22.45	22.44	22.50		
1.4	16QAM	3	3	22.45	22.54	22.41		
1.4	16QAM	6	0	22.44	22.44	22.47	24	0
1.4	64QAM	1	0	22.44	22.47	22.45		
1.4	64QAM	1	3	22.31	22.36	22.48		
1.4	64QAM	1	5	22.36	22.39	22.30	24	0
1.4	64QAM	3	0	22.21	22.40	22.23		
1.4	64QAM	3	1	22.55	22.35	22.58		
1.4	64QAM	3	3	22.57	22.66	22.37		
1.4	64QAM	6	0	21.54	21.33	21.52	23	1
1.4	256QAM	1	0	20.33	20.23	20.01		
1.4	256QAM	1	3	20.45	20.08	20.36		
1.4	256QAM	1	5	20.40	20.40	20.24	22	2
1.4	256QAM	3	0	20.28	20.42	20.19		
1.4	256QAM	3	1	20.66	20.27	20.53		
1.4	256QAM	3	3	20.53	20.67	20.45		
1.4	256QAM	6	0	20.51	20.28	20.47	22	2

Band 13(700MHz Band) Ant1 DSI6 Power Part 27F

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.48			
10	QPSK	1	25		22.16		23	0
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.19			
10	QPSK	25	12		22.15		23	0
10	QPSK	25	25		22.17			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.44			
10	16QAM	1	25		22.34		23	0
10	16QAM	1	49		22.42			
10	16QAM	25	0		21.44			
10	16QAM	25	12		21.62		22	1
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.58			
10	64QAM	1	0		22.01			
10	64QAM	1	25		22.05		23	0
10	64QAM	1	49		22.08			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.70		22	1
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.58			
10	256QAM	1	0		20.60			
10	256QAM	1	25		20.44		21	2
10	256QAM	1	49		20.40			
10	256QAM	25	0		20.51			
10	256QAM	25	12		20.55		21	2
10	256QAM	25	25		20.45			
10	256QAM	50	0		20.53			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.35	22.28	22.38		
5	QPSK	1	12	22.41	22.17	22.16	23	0
5	QPSK	1	24	22.17	22.16	22.34		
5	QPSK	12	0	22.16	22.02	22.01		
5	QPSK	12	7	22.05	22.08	22.25	23	0
5	QPSK	12	13	22.09	22.16	22.12		
5	QPSK	25	0	22.05	22.03	22.11		
5	16QAM	1	0	22.36	22.14	22.40		
5	16QAM	1	12	22.47	22.46	22.46	23	0
5	16QAM	1	24	22.00	22.06	22.04		
5	16QAM	12	0	21.31	21.34	21.80		
5	16QAM	12	7	21.35	21.65	21.51	22	1
5	16QAM	12	13	21.42	21.54	21.60		
5	16QAM	25	0	21.26	21.59	21.56		
5	64QAM	1	0	22.22	22.15	22.24		
5	64QAM	1	12	22.27	22.29	22.16	23	0
5	64QAM	1	24	22.26	22.44	22.08		
5	64QAM	12	0	21.36	21.34	21.64		
5	64QAM	12	7	21.36	21.57	21.60	22	1
5	64QAM	12	13	21.24	21.67	21.38		
5	64QAM	25	0	21.27	21.45	21.31		
5	256QAM	1	0	20.38	20.24	20.31		
5	256QAM	1	12	20.31	20.20	20.32	21	2
5	256QAM	1	24	20.35	20.36	20.50		
5	256QAM	12	0	20.43	20.38	20.32		
5	256QAM	12	7	20.33	20.20	20.50	21	2
5	256QAM	12	13	20.45	20.17	20.48		
5	256QAM	25	0	20.24	20.25	20.40		

Band 17 (700MHz Band) Ant1 DSI6 Power Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.43	22.59	22.47		
10	QPSK	1	25	22.52	22.47	22.56	24	0
10	QPSK	1	49	22.42	22.41	22.37		
10	QPSK	25	0	22.37	22.53	22.42		
10	QPSK	25	12	22.48	22.47	22.50	24	0
10	QPSK	25	25	22.49	22.42	22.52		
10	QPSK	50	0	22.36	22.50	22.47		
10	16QAM	1	0	22.40	22.55	22.45		
10	16QAM	1	25	22.49	22.44	22.51	24	0
10	16QAM	1	49	22.39	22.37	22.33		
10	16QAM	25	0	22.34	22.39	22.36		
10	16QAM	25	12	22.54	22.54	22.45	24	0
10	16QAM	25	25	22.44	22.37	22.48		
10	16QAM	50	0	22.30	22.36	22.43		
10	64QAM	1	0	22.41	22.56	22.42		
10	64QAM	1	25	22.49	22.41	22.54	24	0
10	64QAM	1	49	22.40	22.38	22.35		
10	64QAM	25	0	22.31	22.37	22.37		
10	64QAM	25	12	22.54	22.52	22.47	24	0
10	64QAM	25	25	22.47	22.38	22.47		
10	64QAM	50	0	22.34	22.35	22.45		
10	256QAM	1	0	20.51	20.60	20.75		
10	256QAM	1	25	20.88	20.86	20.72	22	2
10	256QAM	1	49	20.68	20.64	20.69		
10	256QAM	25	0	20.35	20.42	20.46		
10	256QAM	25	12	20.64	20.56	20.57	22	2
10	256QAM	25	25	20.36	20.37	20.58		
10	256QAM	50	0	20.38	20.42	20.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.57	22.43		
5	QPSK	1	12	22.46	22.41	22.52	24	0
5	QPSK	1	24	22.36	22.36	22.32		
5	QPSK	12	0	22.33	22.39	22.37		
5	QPSK	12	7	22.54	22.54	22.47	24	0
5	QPSK	12	13	22.44	22.37	22.47		
5	QPSK	25	0	22.31	22.36	22.45		
5	16QAM	1	0	22.36	22.52	22.41		
5	16QAM	1	12	22.45	22.38	22.48	24	0
5	16QAM	1	24	22.36	22.31	22.29		
5	16QAM	12	0	22.31	22.35	22.32		
5	16QAM	12	7	22.48	22.49	22.40	24	0
5	16QAM	12	13	22.38	22.33	22.42		
5	16QAM	25	0	22.25	22.33	22.39		
5	64QAM	1	0	22.39	22.52	22.38		
5	64QAM	1	12	22.45	22.39	22.52	24	0
5	64QAM	1	24	22.34	22.34	22.32		
5	64QAM	12	0	22.28	22.32	22.33		
5	64QAM	12	7	22.49	22.46	22.44	24	0
5	64QAM	12	13	22.41	22.35	22.41		
5	64QAM	25	0	22.31	22.30	22.40		
5	256QAM	1	0	20.50	20.47	20.41		
5	256QAM	1	12	20.71	20.58	20.59	22	2
5	256QAM	1	24	20.59	20.66	20.67		
5	256QAM	12	0	20.31	20.28	20.30		
5	256QAM	12	7	20.51	20.48	20.38	22	2
5	256QAM	12	13	20.39	20.41	20.46		
5	256QAM	25	0	20.27	20.40	20.37		

Band 25 (1900MHz Band) Ant1 DSI6 Power Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	22.01	22.11	22.03	23.5	0
20	QPSK	1	49	22.02	22.09	22.01		
20	QPSK	1	99	22.00	22.08	22.06		
20	QPSK	50	0	21.73	21.83	21.75	23	0.5
20	QPSK	50	24	21.73	21.77	21.59		
20	QPSK	50	50	21.68	21.73	21.69		
20	QPSK	100	0	21.73	21.79	21.71		
20	16QAM	1	0	21.66	21.72	21.54	23	0.5
20	16QAM	1	49	21.65	21.69	21.61		
20	16QAM	1	99	21.68	21.74	21.65		
20	16QAM	50	0	21.06	20.98	21.04	22	1.5
20	16QAM	50	24	21.11	21.09	21.08		
20	16QAM	50	50	21.05	20.98	21.09		
20	16QAM	100	0	21.05	21.01	21.14		
20	64QAM	1	0	21.71	21.73	21.71	23	0.5
20	64QAM	1	49	21.71	21.78	21.79		
20	64QAM	1	99	21.77	21.62	21.69		
20	64QAM	50	0	20.98	21.01	21.04	22	1.5
20	64QAM	50	24	21.08	21.09	21.07		
20	64QAM	50	50	21.02	21.02	21.11		
20	64QAM	100	0	21.05	21.04	21.16		
20	256QAM	1	0	17.64	17.73	17.57	19	4.5
20	256QAM	1	49	17.95	17.93	17.90		
20	256QAM	1	99	18.06	18.06	17.93		
20	256QAM	50	0	17.68	17.77	17.68	19	4.5
20	256QAM	50	24	17.94	17.91	17.80		
20	256QAM	50	50	18.04	17.95	17.96		
20	256QAM	100	0	17.87	17.90	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.98	22.07	21.98	23.5	0
15	QPSK	1	37	22.00	22.07	21.99		
15	QPSK	1	74	21.96	21.98	22.03		
15	QPSK	36	0	21.70	21.69	21.71	23	0.5
15	QPSK	36	20	21.70	21.75	21.58		
15	QPSK	36	39	21.64	21.69	21.67		
15	QPSK	75	0	21.68	21.76	21.68		
15	16QAM	1	0	21.63	21.70	21.51	23	0.5
15	16QAM	1	37	21.61	21.68	21.56		
15	16QAM	1	74	21.65	21.70	21.61		
15	16QAM	36	0	21.04	20.97	21.00	22	1.5
15	16QAM	36	20	21.09	21.05	21.06		
15	16QAM	36	39	21.02	20.93	21.07		
15	16QAM	75	0	21.02	20.99	21.10		
15	64QAM	1	0	21.69	21.70	21.68	23	0.5
15	64QAM	1	37	21.67	21.76	21.78		
15	64QAM	1	74	21.74	21.59	21.67		
15	64QAM	36	0	20.94	20.98	21.01	22	1.5
15	64QAM	36	20	21.07	21.08	21.02		
15	64QAM	36	39	20.99	20.98	21.10		
15	64QAM	75	0	21.03	20.99	21.12		
15	256QAM	1	0	17.59	17.70	17.55	19	4.5
15	256QAM	1	37	17.90	17.91	17.87		
15	256QAM	1	74	18.04	18.04	17.88		
15	256QAM	36	0	17.63	17.74	17.65	19	4.5
15	256QAM	36	20	17.89	17.89	17.78		
15	256QAM	36	39	18.02	17.91	17.92		
15	256QAM	75	0	17.85	17.89	17.94		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.96	22.10	22.02	23.5	0
10	QPSK	1	25	21.99	22.04	21.99		
10	QPSK	1	49	21.98	21.99	22.03		
10	QPSK	25	0	21.69	21.68	21.72	23	0.5
10	QPSK	25	12	21.71	21.74	21.56		
10	QPSK	25	25	21.66	21.71	21.67		
10	QPSK	50	0	21.71	21.76	21.70		
10	16QAM	1	0	21.63	21.70	21.51	23	0.5
10	16QAM	1	25	21.63	21.67	21.56		
10	16QAM	1	49	21.67	21.72	21.60		
10	16QAM	25	0	21.04	20.93	21.02	22	1.5
10	16QAM	25	12	21.09	21.07	21.04		
10	16QAM	25	25	21.01	20.96	21.06		
10	16QAM	50	0	21.01	20.96	21.10		
10	64QAM	1	0	21.68	21.69	21.69	23	0.5
10	64QAM	1	25	21.68	21.73	21.75		
10	64QAM	1	49	21.74	21.58	21.66		
10	64QAM	25	0	20.96	20.96	20.99	22	1.5
10	64QAM	25	12	21.06	21.06	21.03		
10	64QAM	25	25	20.97	21.01	21.09		
10	64QAM	50	0	21.01	21.03	21.14		
10	256QAM	1	0	17.60	17.69	17.54	19	4.5
10	256QAM	1	25	17.92	17.90	17.88		
10	256QAM	1	49	18.02	18.03	17.91		
10	256QAM	25	0	17.65	17.73	17.63	19	4.5
10	256QAM	25	12	17.91	17.86	17.76		
10	256QAM	25	25	18.02	17.91	17.94		
10	256QAM	50	0	17.85	17.88	17.92		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.97	22.06	22.01	23.5	0
5	QPSK	1	12	22.01	22.07	22.00		
5	QPSK	1	24	21.98	21.96	22.06		
5	QPSK	12	0	21.70	21.68	21.72	23	0.5
5	QPSK	12	7	21.72	21.74	21.57		
5	QPSK	12	13	21.64	21.69	21.67		
5	QPSK	25	0	21.69	21.77	21.68		
5	16QAM	1	0	21.65	21.69	21.50	23	0.5
5	16QAM	1	12	21.60	21.67	21.60		
5	16QAM	1	24	21.63	21.70	21.62		
5	16QAM	12	0	21.02	20.96	21.00	22	1.5
5	16QAM	12	7	21.07	21.05	21.06		
5	16QAM	12	13	21.01	20.96	21.07		
5	16QAM	25	0	21.01	20.98	21.11		
5	64QAM	1	0	21.68	21.69	21.67	23	0.5
5	64QAM	1	12	21.68	21.75	21.75		
5	64QAM	1	24	21.75	21.58	21.67		
5	64QAM	12	0	20.96	20.98	21.01	22	1.5
5	64QAM	12	7	21.07	21.07	21.03		
5	64QAM	12	13	20.98	21.00	21.06		
5	64QAM	25	0	21.03	21.02	21.15		
5	256QAM	1	0	17.60	17.69	17.54	19	4.5
5	256QAM	1	12	17.91	17.91	17.86		
5	256QAM	1	24	18.04	18.01	17.89		
5	256QAM	12	0	17.65	17.73	17.64	19	4.5
5	256QAM	12	7	17.91	17.89	17.78		
5	256QAM	12	13	18.02	17.90	17.93		
5	256QAM	25	0	17.85	17.86	17.92		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.99	22.10	22.00	23.5	0
3	QPSK	1	8	21.98	22.08	21.99		
3	QPSK	1	14	21.98	21.96	22.04		
3	QPSK	8	0	21.71	21.67	21.74	23	0.5
3	QPSK	8	4	21.72	21.75	21.55		
3	QPSK	8	7	21.64	21.70	21.67		
3	QPSK	15	0	21.70	21.75	21.67		
3	16QAM	1	0	21.62	21.70	21.52	23	0.5
3	16QAM	1	8	21.63	21.66	21.58		
3	16QAM	1	14	21.64	21.69	21.61		
3	16QAM	8	0	21.01	20.93	21.03	22	1.5
3	16QAM	8	4	21.10	21.07	21.06		
3	16QAM	8	7	21.01	20.95	21.07		
3	16QAM	15	0	21.00	20.96	21.10		
3	64QAM	1	0	21.68	21.70	21.67	23	0.5
3	64QAM	1	8	21.67	21.74	21.76		
3	64QAM	1	14	21.73	21.60	21.66		
3	64QAM	8	0	20.95	20.99	21.02	22	1.5
3	64QAM	8	4	21.05	21.05	21.06		
3	64QAM	8	7	20.98	20.99	21.09		
3	64QAM	15	0	21.03	21.02	21.15		
3	256QAM	1	0	17.59	17.71	17.53	19	4.5
3	256QAM	1	8	17.93	17.88	17.88		
3	256QAM	1	14	18.02	18.01	17.89		
3	256QAM	8	0	17.66	17.76	17.64	19	4.5
3	256QAM	8	4	17.91	17.89	17.78		
3	256QAM	8	7	18.03	17.93	17.91		
3	256QAM	15	0	17.94	17.87	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.98	22.08	22.00	23.5	0
1.4	QPSK	1	3	21.97	22.08	21.98		
1.4	QPSK	1	5	21.96	21.97	22.07		
1.4	QPSK	3	0	21.71	21.67	21.72		
1.4	QPSK	3	1	21.69	21.75	21.55		
1.4	QPSK	3	3	21.65	21.71	21.66		
1.4	QPSK	6	0	21.69	21.77	21.68	23	0.5
1.4	16QAM	1	0	21.61	21.69	21.50	23	0.5
1.4	16QAM	1	3	21.60	21.65	21.58		
1.4	16QAM	1	5	21.64	21.71	21.62		
1.4	16QAM	3	0	21.34	21.44	21.33		
1.4	16QAM	3	1	21.08	21.06	21.05		
1.4	16QAM	3	3	21.33	21.47	21.37		
1.4	16QAM	6	0	21.02	20.96	21.11	22	1.5
1.4	64QAM	1	0	21.68	21.70	21.66	23	0.5
1.4	64QAM	1	3	21.70	21.76	21.77		
1.4	64QAM	1	5	21.73	21.60	21.66		
1.4	64QAM	3	0	21.55	21.58	21.33		
1.4	64QAM	3	1	21.33	21.25	21.25		
1.4	64QAM	3	3	21.56	21.33	21.19		
1.4	64QAM	6	0	21.01	21.01	21.12	22	1.5
1.4	256QAM	1	0	17.61	17.70	17.55	19	4.5
1.4	256QAM	1	3	17.93	17.90	17.86		
1.4	256QAM	1	5	18.03	18.02	17.89		
1.4	256QAM	3	0	17.66	17.76	17.66		
1.4	256QAM	3	1	17.90	17.88	17.75		
1.4	256QAM	3	3	18.01	17.91	17.93		
1.4	256QAM	6	0	17.85	17.88	17.95	19	4.5

Band 26 for FCC Ant1 DSI6 Power (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.27	22.40	22.26	24	0
15	QPSK	1	37	22.36	22.24	22.31		
15	QPSK	1	74	22.05	22.31	22.36		
15	QPSK	36	0	22.22	22.38	22.32	24	0
15	QPSK	36	20	22.31	22.28	22.32		
15	QPSK	36	39	22.32	22.31	22.34		
15	QPSK	75	0	22.31	22.33	22.32		
15	16QAM	1	0	22.21	22.34	22.22	24	0
15	16QAM	1	37	22.34	22.20	22.27		
15	16QAM	1	74	22.01	22.27	22.30		
15	16QAM	36	0	22.17	22.18	22.33	24	0
15	16QAM	36	20	22.26	22.22	22.28		
15	16QAM	36	39	22.35	22.34	22.36		
15	16QAM	75	0	22.31	22.30	22.33		
15	64QAM	1	0	22.03	22.22	22.04	24	0
15	64QAM	1	37	22.12	22.04	22.01		
15	64QAM	1	74	22.04	22.03	22.07		
15	64QAM	36	0	22.07	22.08	22.18	24	0
15	64QAM	36	20	22.10	22.02	22.11		
15	64QAM	36	39	22.12	22.06	22.10		
15	64QAM	75	0	22.14	22.08	22.08		
15	256QAM	1	0	18.72	18.74	18.58	20	4
15	256QAM	1	37	18.86	18.67	18.96		
15	256QAM	1	74	18.48	18.85	18.80		
15	256QAM	36	0	18.79	18.74	18.77	20	4
15	256QAM	36	20	18.84	18.71	18.98		
15	256QAM	36	39	18.98	18.97	19.09		
15	256QAM	75	0	18.79	18.84	18.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.24	22.37	22.24	24	0
10	QPSK	1	25	22.32	22.21	22.28		
10	QPSK	1	49	22.00	22.26	22.31		
10	QPSK	25	0	22.18	22.20	22.32	24	0
10	QPSK	25	12	22.28	22.24	22.26		
10	QPSK	25	25	22.35	22.32	22.36		
10	QPSK	50	0	22.32	22.27	22.30		
10	16QAM	1	0	22.18	22.28	22.17	24	0
10	16QAM	1	25	22.31	22.14	22.23		
10	16QAM	1	49	22.10	22.23	22.27		
10	16QAM	25	0	22.11	22.14	22.30	24	0
10	16QAM	25	12	22.24	22.17	22.25		
10	16QAM	25	25	22.31	22.31	22.33		
10	16QAM	50	0	22.28	22.28	22.30		
10	64QAM	1	0	22.20	22.34	22.19	24	0
10	64QAM	1	25	22.29	22.16	22.25		
10	64QAM	1	49	22.07	22.21	22.27		
10	64QAM	25	0	22.14	22.15	22.29	24	0
10	64QAM	25	12	22.22	22.23	22.24		
10	64QAM	25	25	22.31	22.34	22.30		
10	64QAM	50	0	22.28	22.21	22.25		
10	256QAM	1	0	18.68	18.79	18.73	20	4
10	256QAM	1	25	18.72	18.68	18.81		
10	256QAM	1	49	18.51	18.66	18.82		
10	256QAM	25	0	18.63	18.59	18.86	20	4
10	256QAM	25	12	18.69	18.77	18.72		
10	256QAM	25	25	18.83	18.77	18.82		
10	256QAM	50	0	18.81	18.85	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.31	22.20	24	0
5	QPSK	1	12	22.28	22.17	22.25		
5	QPSK	1	24	22.04	22.21	22.25		
5	QPSK	12	0	22.13	22.15	22.29	24	0
5	QPSK	12	7	22.24	22.21	22.20		
5	QPSK	12	13	22.32	22.26	22.32		
5	QPSK	25	0	22.30	22.25	22.27		
5	16QAM	1	0	22.13	22.23	22.15	24	0
5	16QAM	1	12	22.27	22.11	22.21		
5	16QAM	1	24	22.04	22.18	22.21		
5	16QAM	12	0	22.07	22.10	22.27	24	0
5	16QAM	12	7	22.19	22.12	22.19		
5	16QAM	12	13	22.28	22.28	22.30		
5	16QAM	25	0	22.26	22.24	22.28		
5	64QAM	1	0	22.16	22.28	22.15	24	0
5	64QAM	1	12	22.23	22.10	22.19		
5	64QAM	1	24	22.01	22.18	22.22		
5	64QAM	12	0	22.12	22.10	22.26	24	0
5	64QAM	12	7	22.19	22.21	22.21		
5	64QAM	12	13	22.27	22.28	22.25		
5	64QAM	25	0	22.22	22.17	22.21		
5	256QAM	1	0	18.67	18.83	18.75	20	4
5	256QAM	1	12	18.73	18.60	18.82		
5	256QAM	1	24	18.49	18.74	18.82		
5	256QAM	12	0	18.71	18.58	18.70	20	4
5	256QAM	12	7	18.77	18.80	18.80		
5	256QAM	12	13	18.78	18.80	18.77		
5	256QAM	25	0	18.87	18.74	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.15	22.29	22.18	24	0
3	QPSK	1	8	22.22	22.13	22.22		
3	QPSK	1	14	22.08	22.19	22.22		
3	QPSK	8	0	22.10	22.11	22.24	24	0
3	QPSK	8	4	22.21	22.17	22.17		
3	QPSK	8	7	22.29	22.21	22.28		
3	QPSK	15	0	22.26	22.19	22.21		
3	16QAM	1	0	22.08	22.18	22.10	24	0
3	16QAM	1	8	22.25	22.07	22.18		
3	16QAM	1	14	22.00	22.13	22.17		
3	16QAM	8	0	22.01	22.06	22.24	24	0
3	16QAM	8	4	22.14	22.08	22.15		
3	16QAM	8	7	22.24	22.23	22.25		
3	16QAM	15	0	22.22	22.21	22.25		
3	64QAM	1	0	22.12	22.22	22.12	24	0
3	64QAM	1	8	22.21	22.10	22.15		
3	64QAM	1	14	22.06	22.15	22.19		
3	64QAM	8	0	22.06	22.04	22.22	24	0
3	64QAM	8	4	22.13	22.16	22.17		
3	64QAM	8	7	22.23	22.22	22.21		
3	64QAM	15	0	22.16	22.14	22.18		
3	256QAM	1	0	18.76	18.69	18.58	20	4
3	256QAM	1	8	18.68	18.58	18.83		
3	256QAM	1	14	18.52	18.60	18.60		
3	256QAM	8	0	18.69	18.70	18.67	20	4
3	256QAM	8	4	18.62	18.65	18.55		
3	256QAM	8	7	18.75	18.74	18.85		
3	256QAM	15	0	18.68	18.77	18.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.10	22.26	22.13	24	0
1.4	QPSK	1	3	22.20	22.09	22.17		
1.4	QPSK	1	5	22.04	22.14	22.17		
1.4	QPSK	3	0	22.07	22.06	22.19		
1.4	QPSK	3	1	22.19	22.13	22.13		
1.4	QPSK	3	3	22.24	22.19	22.24		
1.4	QPSK	6	0	22.23	22.17	22.18	24	0
1.4	16QAM	1	0	22.04	22.12	22.06	24	0
1.4	16QAM	1	3	22.22	22.04	22.14		
1.4	16QAM	1	5	22.07	22.09	22.15		
1.4	16QAM	3	0	22.05	22.03	22.20		
1.4	16QAM	3	1	22.09	22.05	22.13		
1.4	16QAM	3	3	22.19	22.17	22.22		
1.4	16QAM	6	0	22.19	22.16	22.20	24	0
1.4	64QAM	1	0	22.10	22.18	22.09	24	0
1.4	64QAM	1	3	22.17	22.02	22.13		
1.4	64QAM	1	5	22.03	22.10	22.15		
1.4	64QAM	3	0	22.02	22.09	22.18		
1.4	64QAM	3	1	22.08	22.12	22.13		
1.4	64QAM	3	3	22.17	22.19	22.19		
1.4	64QAM	6	0	22.10	22.11	22.14	24	0
1.4	256QAM	1	0	18.61	18.77	18.58	20	4
1.4	256QAM	1	3	18.75	18.53	18.71		
1.4	256QAM	1	5	18.50	18.73	18.74		
1.4	256QAM	3	0	18.55	18.46	18.69		
1.4	256QAM	3	1	18.76	18.59	18.85		
1.4	256QAM	3	3	18.85	18.78	18.67		
1.4	256QAM	6	0	18.65	18.63	18.77	20	4

Band 66 Ant1 DSI6 Power

BW [MHz]	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	19.99	20.06	20.01	21.4	0
20	QPSK	1	49	20.00	19.91	19.95		
20	QPSK	1	99	19.91	19.97	19.89		
20	QPSK	50	0	19.93	20.03	20.00	21.4	0
20	QPSK	50	24	19.99	20.01	19.99		
20	QPSK	50	50	19.96	19.95	19.94		
20	QPSK	100	0	19.92	19.98	19.89		
20	16QAM	1	0	19.97	20.03	19.98	21.4	0
20	16QAM	1	49	19.91	19.96	19.89		
20	16QAM	1	99	19.87	19.87	19.78		
20	16QAM	50	0	19.96	20.03	20.00	21	0.4
20	16QAM	50	24	20.01	19.99	20.03		
20	16QAM	50	50	19.98	19.96	19.94		
20	16QAM	100	0	20.00	19.99	19.99		
20	64QAM	1	0	20.01	20.03	20.02	21	0.4
20	64QAM	1	49	19.83	19.89	19.92		
20	64QAM	1	99	19.96	19.94	19.94		
20	64QAM	50	0	19.94	19.71	19.88	20	1.4
20	64QAM	50	24	19.89	19.79	19.99		
20	64QAM	50	50	19.95	19.95	19.92		
20	64QAM	100	0	19.93	19.86	19.97		
20	256QAM	1	0	17.35	17.59	17.36	18	3.4
20	256QAM	1	49	17.59	17.44	17.50		
20	256QAM	1	99	17.13	17.30	17.35		
20	256QAM	50	0	16.90	17.03	17.02	18	3.4
20	256QAM	50	24	17.10	17.10	16.96		
20	256QAM	50	50	16.91	16.92	17.01		
20	256QAM	100	0	17.00	17.00	16.86		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.84	19.97	20.05	21.4	0
15	QPSK	1	37	19.97	19.87	20.02		
15	QPSK	1	74	20.02	19.95	19.95		
15	QPSK	36	0	19.95	20.00	20.01	21.4	0
15	QPSK	36	20	19.97	19.87	19.90		
15	QPSK	36	39	20.04	19.82	20.00		
15	QPSK	75	0	19.90	19.91	20.00		
15	16QAM	1	0	19.95	19.97	19.94	21.4	0
15	16QAM	1	37	19.93	19.96	20.02		
15	16QAM	1	74	19.85	19.86	19.81		
15	16QAM	36	0	19.89	19.94

Band 38(only on channel required) Ant1 DSI6 Power

BW [MHz]	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	21.73	21.96	21.72	23.3	0
20	QPSK	1	49	21.97	21.93	21.87		
20	QPSK	1	99	21.80	21.82	21.95		
20	QPSK	50	0	21.73	21.96	21.83	23.3	0
20	QPSK	50	24	21.92	21.86	21.94		
20	QPSK	50	50	21.87	21.92	21.95		
20	QPSK	100	0	21.86	21.93	21.83		
20	16QAM	1	0	21.73	21.76	21.88	23.3	0
20	16QAM	1	49	21.92	21.91	21.90		
20	16QAM	1	99	21.89	21.87	21.89		
20	16QAM	50	0	21.83	21.79	21.83	23.3	0
20	16QAM	50	24	21.90	21.85	21.88		
20	16QAM	50	50	21.85	21.90	21.91		
20	16QAM	100	0	21.88	21.88	21.93		
20	64QAM	1	0	21.75	21.78	21.83	23.3	0
20	64QAM	1	49	21.89	21.91	21.93		
20	64QAM	1	99	21.86	21.88	21.92		
20	64QAM	50	0	21.79	21.92	21.84	23.3	0
20	64QAM	50	24	21.90	21.83	21.84		
20	64QAM	50	50	21.87	21.85	21.91		
20	64QAM	100	0	21.85	21.90	21.87		
20	256QAM	1	0	21.44	21.54	21.40	23	0.3
20	256QAM	1	49	21.44	21.42	21.51		
20	256QAM	1	99	21.45	21.45	21.46		
20	256QAM	50	0	21.51	21.55	21.41	23	0.3
20	256QAM	50	24	21.35	21.43	21.37		
20	256QAM	50	50	21.52	21.47	21.44		
20	256QAM	100	0	21.52	21.42	21.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.69	21.96	21.70	23.3	0
15	QPSK	1	37	21.94	21.90	21.84		
15	QPSK	1	74	21.77	21.81	21.92		
15	QPSK	36	0	21.69	21.95	21.80	23.3	0
15	QPSK	36	20	21.90	21.84	21.90		
15	QPSK	36	39	21.86	21.88	21.91		
15	QPSK	75	0	21.84	21.89	21.91		
15	16QAM	1	0	21.69	21.73	21.85	23.3	0
15	16QAM	1	37	21.89	21.86	21.89		
15	16QAM	1	74	21.86	21.83	21.87		
15	16QAM	36	0	21.78	21.78	21.80	23.3	0
15	16QAM	36	20	21.87	21.84	21.83		
15	16QAM	36	39	21.80	21.86	21.87		
15	16QAM	75	0	21.87	21.84	21.89		
15	64QAM	1	0	21.72	21.75	21.80	23.3	0
15	64QAM	1	37	21.85	21.86	21.91		
15	64QAM	1	74	21.84	21.87	21.89		
15	64QAM	36	0	21.75	21.88	21.79	23.3	0
15	64QAM	36	20	21.89	21.80	21.81		
15	64QAM	36	39	21.83	21.82	21.86		
15	64QAM	75	0	21.82	21.85	21.83		
15	256QAM	1	0	21.39	21.51	21.37	23	0.3
15	256QAM	1	37	21.41	21.39	21.47		
15	256QAM	1	74	21.41	21.41	21.41		
15	256QAM	36	0	21.48	21.50	21.39	23	0.3
15	256QAM	36	20	21.31	21.39	21.34		
15	256QAM	36	39	21.50	21.43	21.42		
15	256QAM	75	0	21.50	21.41	21.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.69	21.95	21.69	23.3	0
10	QPSK	1	25	21.96	21.88	21.82		
10	QPSK	1	49	21.79	21.80	21.93		
10	QPSK	25	0	21.71	21.94	21.80	23.3	0
10	QPSK	25	12	21.90	21.81	21.91		
10	QPSK	25	25	21.83	21.89	21.92		
10	QPSK	50	0	21.85	21.89	21.90		
10	16QAM	1	0	21.70	21.73	21.83	23.3	0
10	16QAM	1	25	21.90	21.86	21.88		
10	16QAM	1	49	21.85	21.82	21.84		
10	16QAM	25	0	21.81	21.76	21.80	23.3	0
10	16QAM	25	12	21.87	21.80	21.83		
10	16QAM	25	25	21.81	21.87	21.88		
10	16QAM	50	0	21.86	21.84	21.91		
10	64QAM	1	0	21.73	21.76	21.82	23.3	0
10	64QAM	1	25	21.86	21.88	21.91		
10	64QAM	1	49	21.82	21.85	21.90		
10	64QAM	25	0	21.76	21.89	21.79	23.3	0
10	64QAM	25	12	21.88	21.81	21.83		
10	64QAM	25	25	21.83	21.84	21.87		
10	64QAM	50	0	21.83	21.89	21.83		
10	256QAM	1	0	21.43	21.50	21.38	23	0.3
10	256QAM	1	25	21.39	21.39	21.46		
10	256QAM	1	49	21.41	21.41	21.44		
10	256QAM	25	0	21.47	21.51	21.38	23	0.3
10	256QAM	25	12	21.31	21.39	21.32		
10	256QAM	25	25	21.48	21.45	21.41		
10	256QAM	50	0	21.49	21.41	21.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.70	21.96	21.70	23.3	0
5	QPSK	1	12	21.92	21.89	21.85		
5	QPSK	1	24	21.76	21.77	21.90		
5	QPSK	12	0	21.70	21.95	21.79	23.3	0
5	QPSK	12	7	21.88	21.82	21.90		
5	QPSK	12	13	21.84	21.90	21.94		
5	QPSK	25	0	21.83	21.90	21.90		
5	16QAM	1	0	21.72	21.71	21.87	23.3	0
5	16QAM	1	12	21.88	21.87	21.88		
5	16QAM	1	24	21.87	21.84	21.87		
5	16QAM	12	0	21.79	21.75	21.80	23.3	0
5	16QAM	12	7	21.86	21.84	21.86		
5	16QAM	12	13	21.84	21.88	21.89		
5	16QAM	25	0	21.86	21.84	21.90		
5	64QAM	1	0	21.72	21.73	21.81	23.3	0
5	64QAM	1	12	21.84	21.89	21.91		
5	64QAM	1	24	21.82	21.87	21.87		
5	64QAM	12	0	21.76	21.89	21.80	23.3	0
5	64QAM	12	7	21.86	21.80	21.82		
5	64QAM	12	13	21.83	21.81	21.88		
5	64QAM	25	0	21.81	21.87	21.83		
5	256QAM	1	0	21.40	21.53	21.37	23	0.3
5	256QAM	1	12	21.41	21.41	21.46		
5	256QAM	1	24	21.42	21.41	21.45		
5	256QAM	12	0	21.47	21.54	21.39	23	0.3
5	256QAM	12	7	21.31	21.39	21.32		
5	256QAM	12	13	21.49	21.46	21.40		
5	256QAM	25	0	21.48	21.38	21.51		

Band 38(only on channel required) PC2 Ant1 DSI6 Power

BW [MHz]	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	23.53	23.84	23.82	24.9	0
20	QPSK	1	49	23.80	23.56	23.73		
20	QPSK	1	99	23.63	23.73	23.80		
20	QPSK	50	0	23.54	23.77	23.60	24.9	0
20	QPSK	50	24	23.68	23.62	23.71		
20	QPSK	50	50	23.66	23.67	23.70		
20	QPSK	100	0	23.65	23.73	23.69		
20	16QAM	1	0	23.55	23.51	23.59	24.9	0
20	16QAM	1	49	23.62	23.69	23.65		
20	16QAM	1	99	23.64	23.65	23.69		
20	16QAM	50	0	23.48	23.46	23.49	24.9	0
20	16QAM	50	24	23.64	23.58	23.63		
20	16QAM	50	50	23.58	23.59	23.64		
20	16QAM	100	0	23.56	23.59	23.63		
20	64QAM	1	0	23.65	23.72	23.59	24.9	0
20	64QAM	1	49	23.66	23.61	23.69		
20	64QAM	1	99	23.65	23.56	23.60		
20	64QAM	50	0	23.55	23.71	23.60	24.9	0
20	64QAM	50	24	23.71	23.65	23.60		
20	64QAM	50	50	23.67	23.71	23.69		
20	64QAM	100	0	23.67	23.56	23.66		
20	256QAM	1	0	23.52	23.57	23.53	24.9	0
20	256QAM	1	49	23.54	23.65	23.63		
20	256QAM	1	99	23.59	23.59	23.62		
20	256QAM	50	0	23.60	23.65	23.47	24.9	0
20	256QAM	50	24	23.64	23.47	23.44		
20	256QAM	50	50	23.51	23.41	23.44		
20	256QAM	100	0	23.56	23.63	23.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.52	23.82	23.78	24.9	0
15	QPSK	1	37	23.76	23.54	23.68		
15	QPSK	1	74	23.59	23.69	23.76		
15	QPSK	36	0	23.53	23.73	23.58	24.9	0
15	QPSK	36	20	23.64	23.59	23.70		
15	QPSK	36	39	23.64	23.65	23.67		
15	QPSK	75	0	23.62	23.70	23.65		
15	16QAM	1	0	23.53	23.49	23.58	24.9	0
15	16QAM	1	37	23.60	23.66	23.62		
15	16QAM	1	74	23.60	23.61	23.65		
15	16QAM	36	0	23.47	23.41	23.44	24.9	0
15	16QAM	36	20	23.61	23.53	23.60		
15	16QAM	36	39	23.56	23.57	23.60		
15	16QAM	75	0	23.51	23.54	23.59		
15	64QAM	1	0	23.62	23.71	23.58	24.9	0
15	64QAM	1	37	23.63	23.59	23.65		
15	64QAM	1	74	23.63	23.55	23.57		
15	64QAM	36	0	23.50	23.68	23.57	24.9	0
15	64QAM	36	20	23.68	23.63	23.59		
15	64QAM	36	39	23.65	23.69	23.65		
15	64QAM	75	0	23.64	23.52	23.63		
15	256QAM	1	0	23.44	23.61	23.43	24.9	0
15	256QAM	1	37	23.46	23.54	23.53		
15	256QAM	1	74	23.52	23.49	23.54		
15	256QAM	36	0	23.51	23.57	23.37	24.9	0
15	256QAM	36	20	23.56	23.37	23.36		
15	256QAM	36	39	23.43	23.34	23.33		
15	256QAM	75	0	23.46	23.55	23.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.49	23.83	23.80	24.9	0
10	QPSK	1	25	23.76	23.52	23.69		
10	QPSK	1	49	23.60	23.68	23.75		
10	QPSK	25	0	23.52	23.74	23.56	24.9	0
10	QPSK	25	12	23.66	23.58	23.69		
10	QPSK	25	25	23.64	23.63	23.68		
10	QPSK	50	0	23.60	23.69	23.68		
10	16QAM	1	0	23.51	23.48	23.56	24.9	0
10	16QAM	1	25	23.60	23.66	23.64		
10	16QAM	1	49	23.60	23.63	23.65		
10	16QAM	25	0	23.43	23.44	23.48	24.9	0
10	16QAM	25	12	23.61	23.55	23.61		
10	16QAM	25	25	23.53	23.58	23.62		
10	16QAM	50	0	23.55	23.57	23.61		
10	64QAM	1	0	23.61	23.69	23.54	24.9	0
10	64QAM	1	25	23.63	23.59	23.66		
10	64QAM	1	49	23.62	23.54	23.56		
10	64QAM	25	0	23.50	23.70	23.56	24.9	0
10	64QAM	25	12	23.67	23.63	23.58		
10	64QAM	25	25	23.64	23.69	23.68		
10	64QAM	50	0	23.66	23.51	23.65		
10	256QAM	1	0	23.44	23.63	23.44	24.9	0
10	256QAM	1	25	23.45	23.54	23.53		
10	256QAM	1	49	23.51	23.49	23.51		
10	256QAM	25	0	23.50	23.58	23.39	24.9	0
10	256QAM	25	12	23.54	23.37	23.34		
10	256QAM	25	25	23.41	23.32	23.36		
10	256QAM	50	0	23.47	23.56	23.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.49	23.81	23.80	24.9	0
5	QPSK	1	12	23.76	23.52	23.68		
5	QPSK	1	24	23.62	23.71	23.75		
5	QPSK	12	0	23.51	23.72	23.58	24.9	0
5	QPSK	12	7	23.63	23.59	23.68		
5	QPSK	12	13	23.61	23.63	23.68		
5	QPSK	25	0	23.61	23.70	23.68		
5	16QAM	1	0	23.52	23.47	23.57	24.9	0
5	16QAM	1	12	23.58	23.65	23.62		
5	16QAM	1	24	23.62	23.60	23.68		
5	16QAM	12	0	23.46	23.45	23.47	24.9	0
5	16QAM	12	7	23.62	23.53	23.60		
5	16QAM	12	13	23.55	23.56	23.61		
5	16QAM	25	0	23.53	23.54	23.59		
5	64QAM	1	0	23.43	23.61	23.58	24.9	0
5	64QAM	1	12	23.65	23.58	23.67		
5	64QAM	1	24	23.62	23.54	23.56		
5	64QAM	12	0	23.51	23.70	23.56	24.9	0
5	64QAM	12	7	23.67	23.61	23.56		
5	64QAM	12	13	23.63	23.69	23.65		
5	64QAM	25	0	23.64	23.51	23.62		
5	256QAM	1	0	23.43	23.61	23.43	24.9	0
5	256QAM	1	12	23.45	23.57	23.53		
5	256QAM	1	24	23.51	23.49	23.54		
5	256QAM	12	0	23.50	23.56	23.38	24.9	0
5	256QAM	12	7	23.55	23.37	23.35		
5	256QAM	12	13	23.43	23.32	23.35		
5	256QAM	25	0	23.47	23.52	23.35		

Band 41 (2.6G Band) Ant1 DSI6 Power

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	21.29	21.38	21.65	21.62	21.46	22.8	0
20	QPSK	1	49	21.31	21.46	21.57	21.35	21.47		
20	QPSK	1	99	21.30	21.46	21.49	21.38	21.50		
20	QPSK	50	0	21.28	21.51	21.56	21.36	21.45	22.8	0
20	QPSK	50	24	21.42	21.50	21.41	21.40	21.42		
20	QPSK	50	50	21.44	21.46	21.50	21.49	21.54		
20	QPSK	100	0	21.45	21.41	21.54	21.48	21.44		
20	16QAM	1	0	21.27	21.22	21.26	21.27	21.38	22.8	0
20	16QAM	1	49	21.34	21.21	21.30	21.33	21.42		
20	16QAM	1	99	21.31	21.24	21.27	21.29	21.32		
20	16QAM	50	0	21.40	21.30	21.33	21.28	21.33	22.8	0
20	16QAM	50	24	21.14	21.30	21.44	21.37	21.41		
20	16QAM	50	50	21.32	21.31	21.35	21.40	21.44		
20	16QAM	100	0	21.09	21.30	21.45	21.33	21.44		
20	64QAM	1	0	21.19	21.35	21.47	21.30	21.33	22.8	0
20	64QAM	1	49	21.40	21.45	21.44	21.46	21.30		
20	64QAM	1	99	21.29	21.45	21.31	21.43	21.25		
20	64QAM	50	0	21.39	21.23	21.48	21.22	21.27	22.8	0
20	64QAM	50	24	21.20	21.27	21.42	21.46	21.37		
20	64QAM	50	50	21.34	21.27	21.39	21.36	21.41		
20	64QAM	100	0	21.22	21.26	21.41	21.33	21.36		
20	256QAM	1	0	21.38	21.32	21.49	21.31	21.35	22.8	0
20	256QAM	1	49	21.20	21.27	21.38	21.32	21.41		
20	256QAM	1	99	21.30	21.38	21.41	21.46	21.47		
20	256QAM	50	0	21.19	21.30	21.51	21.35	21.46	22.8	0
20	256QAM	50	24	21.19	21.34	21.48	21.34	21.32		
20	256QAM	50	50	21.43	21.48	21.43	21.46	21.30		
20	256QAM	100	0	21.27	21.44	21.39	21.37	21.22		
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	21.28	21.36	21.64	21.58	21.43	23	0
15	QPSK	1	37	21.29	21.43	21.53	21.31	21.42		
15	QPSK	1	74	21.29	21.42	21.45	21.33	21.46		
15	QPSK	36	0	21.25	21.48	21.52	21.34	21.43	22.8	0
15	QPSK	36	20	21.38	21.47	21.37	21.38	21.41		
15	QPSK	36	39	21.41	21.52	21.48	21.47	21.53		
15	QPSK	75	0	21.42	21.39	21.50	21.46	21.52		
15	16QAM	1	0	21.25	21.20	21.23	21.26	21.34	22.8	0
15	16QAM	1	37	21.31	21.17	21.25	21.30	21.40		
15	16QAM	1	74	21.27	21.23	21.26	21.28	21.31		
15	16QAM	36	0	21.37	21.28	21.28	21.25	21.29	22.8	0
15	16QAM	36	20	21.10	21.29	21.41	21.36	21.40		
15	16QAM	36	39	21.28	21.28	21.32	21.38	21.42		
15	16QAM	75	0	21.07	21.29	21.41	21.30	21.40		
15	64QAM	1	0	21.14	21.34	21.46	21.27	21.32	22.8	0
15	64QAM	1	37	21.39	21.43	21.40	21.43	21.29		
15	64QAM	1	74	21.26	21.42	21.29	21.39	21.23		
15	64QAM	36	0	21.35	21.20	21.46	21.20	21.25	22.8	0
15	64QAM	36	20	21.16	21.24	21.40	21.43	21.33		
15	64QAM	36	39	21.31	21.26	21.37	21.32	21.40		
15	64QAM	75	0	21.17	21.24	21.36	21.32	21.32		
15	256QAM	1	0	21.33	21.28	21.45	21.28	21.33	22.8	0
15	256QAM	1	37	21.17	21.25	21.34	21.28	21.39		
15	256QAM	1	74	21.26	21.37	21.38	21.44	21.45		
15	256QAM	36	0	21.16	21.27	21.49	21.32	21.42	22.8	0
15	256QAM	36	20	21.18	21.32	21.44	21.29	21.31		
15	256QAM	36	39	21.39	21.43	21.38	21.42	21.26		
15	256QAM	75	0	21.23	21.40	21.37	21.34	21.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.27	21.36	21.60	21.60	21.42	23	0
10	QPSK	1	25	21.29	21.42	21.56	21.31	21.43		
10	QPSK	1	49	21.26	21.45	21.46	21.34	21.46		
10	QPSK	25	0	21.25	21.46	21.52	21.34	21.41	22.8	0
10	QPSK	25	12	21.39	21.47	21.36	21.35	21.39		
10	QPSK	25	25	21.40	21.53	21.45	21.47	21.49		
10	QPSK	50	0	21.42	21.40	21.51	21.45	21.52		
10	16QAM	1	0	21.22	21.20	21.22	21.23	21.34	22.8	0
10	16QAM	1	25	21.32	21.17	21.26	21.30	21.38		
10	16QAM	1	49	21.29	21.19	21.23	21.26	21.29		
10	16QAM	25	0	21.38	21.28	21.28	21.24	21.31	22.8	0
10	16QAM	25	12	21.12	21.28	21.41	21.35	21.40		
10	16QAM	25	25	21.31	21.27	21.33	21.38	21.43		
10	16QAM	50	0	21.04	21.29	21.40	21.30	21.42		
10	64QAM	1	0	21.17	21.30	21.46	21.28	21.31	22.8	0
10	64QAM	1	25	21.36	21.43	21.40	21.41	21.25		
10	64QAM	1	49	21.26	21.43	21.29	21.41	21.21		
10	64QAM	25	0	21.35	21.19	21.44	21.19	21.25	22.8	0
10	64QAM	25	12	21.16	21.25	21.37	21.44	21.32		
10	64QAM	25	25	21.32	21.23	21.36	21.34	21.38		
10	64QAM	50	0	21.21	21.21	21.38	21.28	21.34		
10	256QAM	1	0	21.36	21.29	21.46	21.29	21.33	22.8	0
10	256QAM	1	25	21.17	21.22	21.35	21.29	21.37		
10	256QAM	1	49	21.26	21.33	21.38	21.42	21.43		
10	256QAM	25	0	21.16	21.27	21.48	21.33	21.42	22.8	0
10	256QAM	25	12	21.15	21.31	21.45	21.30	21.30		
10	256QAM	25	25	21.38	21.43	21.40	21.42	21.26		
10	256QAM	50	0	21.24	21.41	21.37	21.32	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.25	21.35	21.61	21.60	21.43	23	0
5	QPSK	1	12	21.27	21.44	21.53	21.32	21.44		
5	QPSK	1	24	21.28	21.42	21.45	21.37	21.46		
5	QPSK	12	0	21.24	21.47	21.51	21.34	21.40	22.8	0
5	QPSK	12	7	21.41	21.45	21.40	21.36	21.39		
5	QPSK	12	13	21.40	21.52	21.47	21.45	21.53		
5	QPSK	25	0	21.40	21.36	21.51	21.46	21.51		
5	16QAM	1	0	21.23	21.18	21.24	21.24	21.35	22.8	0
5	16QAM	1	12	21.33	21.19	21.26	21.29	21.37		
5	16QAM	1	24	21.27	21.22	21.23	21.28	21.30		
5	16QAM	12	0	21.36	21.25	21.29	21.24	21.29	22.8	0
5	16QAM	12

Band 42 (3.5GHz Band) Ant2 DSI6 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.34	19.62	19.49	20.8	0
20	QPSK	1	49	19.42	19.44	19.52		
20	QPSK	1	99	19.53	19.36	19.38		
20	QPSK	50	0	19.40	19.59	19.54		
20	QPSK	50	24	19.46	19.55	19.43	20.8	0
20	QPSK	50	50	19.42	19.46	19.51		
20	QPSK	100	0	19.35	19.56	19.49		
20	16QAM	1	0	19.40	19.31	19.53		
20	16QAM	1	49	19.37	19.53	19.52	20.8	0
20	16QAM	1	99	19.24	19.34	19.49		
20	16QAM	50	0	19.36	19.47	19.55		
20	16QAM	50	24	19.37	19.55	19.49	20.8	0
20	16QAM	50	50	19.39	19.45	19.53		
20	16QAM	100	0	19.32	19.47	19.38		
20	64QAM	1	0	19.25	19.29	19.52		
20	64QAM	1	49	19.31	19.41	19.46	20.8	0
20	64QAM	1	99	19.41	19.33	19.29		
20	64QAM	50	0	19.40	19.45	19.53		
20	64QAM	50	24	19.39	19.51	19.41	20.8	0
20	64QAM	50	50	19.40	19.47	19.49		
20	64QAM	100	0	19.36	19.49	19.55		
20	256QAM	1	0	16.36	16.43	16.40		
20	256QAM	1	49	16.26	16.27	16.04	18	2.8
20	256QAM	1	99	16.31	16.39	16.41		
20	256QAM	50	0	16.28	16.24	16.26		
20	256QAM	50	24	16.18	16.22	16.17	18	2.8
20	256QAM	50	50	16.22	16.29	16.21		
20	256QAM	100	0	16.17	16.21	16.19		
Channel				43190	43340	43490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	19.28	19.55	19.38	20.8	0
15	QPSK	1	37	19.33	19.35	19.48		
15	QPSK	1	74	19.41	19.23	19.24		
15	QPSK	36	0	19.33	19.50	19.46		
15	QPSK	36	20	19.34	19.43	19.35	20.8	0
15	QPSK	36	39	19.34	19.32	19.41		
15	QPSK	75	0	19.21	19.48	19.35		
15	16QAM	1	0	19.27	19.24	19.40		
15	16QAM	1	37	19.31	19.43	19.37	20.8	0
15	16QAM	1	74	19.11	19.25	19.35		
15	16QAM	36	0	19.26	19.36	19.42		
15	16QAM	36	20	19.32	19.47	19.43	20.8	0
15	16QAM	36	39	19.30	19.31	19.39		
15	16QAM	75	0	19.19	19.34	19.31		
15	64QAM	1	0	19.19	19.20	19.47		
15	64QAM	1	37	19.19	19.32	19.34	20.8	0
15	64QAM	1	74	19.36	19.20	19.15		
15	64QAM	36	0	19.30	19.31	19.38		
15	64QAM	36	20	19.29	19.46	19.35	20.8	0
15	64QAM	36	39	19.29	19.35	19.42		
15	64QAM	75	0	19.22	19.35	19.41		
15	256QAM	1	0	16.32	16.41	16.39		
15	256QAM	1	37	16.23	16.23	16.03	18	2.8
15	256QAM	1	74	16.26	16.36	16.39		
15	256QAM	36	0	16.24	16.23	16.24		
15	256QAM	36	20	16.14	16.18	16.15	18	2.8
15	256QAM	36	39	16.21	16.24	16.17		
15	256QAM	75	0	16.14	16.17	16.17		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	19.25	19.50	19.37	20.8	0
10	QPSK	1	25	19.35	19.39	19.42		
10	QPSK	1	49	19.44	19.21	19.26		
10	QPSK	25	0	19.35	19.47	19.46		
10	QPSK	25	12	19.36	19.49	19.32	20.8	0
10	QPSK	25	25	19.35	19.37	19.38		
10	QPSK	50	0	19.23	19.46	19.43		
10	16QAM	1	0	19.26	19.20	19.49		
10	16QAM	1	25	19.25	19.42	19.45	20.8	0
10	16QAM	1	49	19.22	19.20	19.21		
10	16QAM	25	0	19.27	19.36	19.50		
10	16QAM	25	12	19.31	19.43	19.43	20.8	0
10	16QAM	25	25	19.28	19.32	19.41		
10	16QAM	50	0	19.18	19.34	19.20		
10	64QAM	1	0	19.11	19.23	19.42		
10	64QAM	1	25	19.20	19.35	19.36	20.8	0
10	64QAM	1	49	19.34	19.28	19.21		
10	64QAM	25	0	19.29	19.33	19.45		
10	64QAM	25	12	19.25	19.43	19.27	20.8	0
10	64QAM	25	25	19.29	19.38	19.40		
10	64QAM	50	0	19.29	19.44	19.47		
10	256QAM	1	0	16.32	16.38	16.35		
10	256QAM	1	25	16.23	16.23	16.00	18	2.8
10	256QAM	1	49	16.29	16.34	16.39		
10	256QAM	25	0	16.25	16.21	16.24		
10	256QAM	25	12	16.15	16.20	16.16	18	2.8
10	256QAM	25	25	16.19	16.27	16.17		
10	256QAM	50	0	16.17	16.17	16.18		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.20	19.47	19.36	20.8	0
5	QPSK	1	12	19.27	19.32	19.41		
5	QPSK	1	24	19.47	19.30	19.27		
5	QPSK	12	0	19.33	19.53	19.45		
5	QPSK	12	7	19.27	19.49	19.36	20.8	0
5	QPSK	12	13	19.29	19.35	19.41		
5	QPSK	25	0	19.27	19.45	19.37		
5	16QAM	1	0	19.26	19.20	19.42		
5	16QAM	1	12	19.28	19.43	19.45	20.8	0
5	16QAM	1	24	19.14	19.22	19.35		
5	16QAM	12	0	19.31	19.39	19.44		
5	16QAM	12	7	19.29	19.45	19.37	20.8	0
5	16QAM	12	13	19.31	19.32	19.41		
5	16QAM	25	0	19.18	19.32	19.24		
5	64QAM	1	0	19.14	19.17	19.45		
5	64QAM	1	12	19.24	19.36	19.32	20.8	0
5	64QAM	1	24	19.34	19.18	19.19		
5	64QAM	12	0	19.32	19.31	19.39		
5	64QAM	12	7	19.30	19.37	19.27	20.8	0
5	64QAM	12	13	19.27	19.34	19.43		
5	64QAM	25	0	19.24	19.37	19.47		
5	256QAM	1	0	16.33	16.41	16.35		
5	256QAM	1	12	16.22	16.25	16.01	18	2.8
5	256QAM	1	24	16.29	16.36	16.40		
5	256QAM	12	0	16.24	16.26	16.23		
5	256QAM	12	7	16.15	16.19	16.16	18	2.8
5	256QAM	12	13	16.18	16.27	16.18		
5	256QAM	25	0	16.15	16.16	16.17		

Band 42 Part27Q Ant2 DSI6 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42500	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.51	19.62	19.33	20.8	0
20	QPSK	1	49	19.59	19.43	19.46		
20	QPSK	1	99	19.45	19.40	19.43		
20	QPSK	50	0	19.54	19.59	19.44		
20	QPSK	50	24	19.57	19.59	19.37	20.8	0
20	QPSK	50	50	19.34	19.23	19.30		
20	QPSK	100	0	19.54	19.57	19.44		
20	16QAM	1	0	19.49	19.27	19.42		
20	16QAM	1	49	19.54	19.32	19.57	20.8	0
20	16QAM	1	99	19.39	19.44	19.52		
20	16QAM	50	0	19.53	19.52	19.47		
20	16QAM	50	24	19.50	19.52	19.45	20.8	0
20	16QAM	50	50	19.44	19.35	19.42		
20	16QAM	100	0	19.39	19.45	19.42		
20	64QAM	1	0	19.49	19.38	19.47		
20	64QAM	1	49	19.41	19.42	19.44	20.8	0
20	64QAM	1	99	19.31	19.42	19.38		
20	64QAM	50	0	19.42	19.52	19.47		
20	64QAM	50	24	19.33	19.43	19.44	20.8	0
20	64QAM	50	50	19.43	19.36	19.45		
20	64QAM	100	0	19.49	19.44	19.40		
20	256QAM	1	0	16.41	16.44	16.48		
20	256QAM	1	49	16.34	16.29	16.17	18	2.8
20	256QAM	1	99	16.44	16.41	16.41		
20	256QAM	50	0	16.33	16.35	16.35		
20	256QAM	50	24	16.28	16.30	16.22	18	2.8
20	256QAM	50	50	16.25	16.35	16.29		
20	256QAM	100	0	16.21	16.29	16.29		
Channel				42190	42500	42810	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.50	19.61	19.28	20.8	0
15	QPSK	1	37	19.58	19.43	19.43		
15	QPSK	1	74	19.42	19.38	19.41		
15	QPSK	36	0	19.51	19.60	19.43		
15	QPSK	36	20	19.54	19.39	19.34	20.8	0
15	QPSK	36	39	19.33	19.20	19.28		
15	QPSK	75	0	19.52	19.53	19.42		
15	16QAM	1	0	19.48	19.38	19.41		
15	16QAM	1	37	19.50	19.29	19.53	20.8	0
15	16QAM	1	74	19.35	19.41	19.47		
15	16QAM	36	0	19.52	19.49	19.46		
15	16QAM	36	20	19.47	19.50	19.42	20.8	0
15	16QAM	36	39	19.41	19.30	19.39		
15	16QAM	75	0	19.35	19.43	19.40		
15	64QAM	1	0	19.45	19.34	19.42		
15	64QAM	1	37	19.40	19.40	19.42	20.8	0
15	64QAM	1	74	19.28	19.41	19.34		
15	64QAM	36	0	19.39	19.48	19.43		
15	64QAM	36	20	19.29	19.40	19.42	20.8	0
15	64QAM	36	39	19.42	19.31	19.42		
15	64QAM	75	0	19.44	19.42	19.36		
15	256QAM	1	0	16.40	16.44	16.48		
15	256QAM	1	37	16.34	16.28	16.16	18	2.8
15	256QAM	1	74	16.43	16.40	16.40		
15	256QAM	36	0	16.34	16.37	16.35		
15	256QAM	36	20	16.28	16.27	16.20	18	2.8
15	256QAM	36	39	16.26	16.37	16.29		
15	256QAM	75	0	16.22	16.31	16.28		
Channel				42140	42500	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.49	19.61	19.32	20.8	0
10	QPSK	1	25	19.58	19.45	19.41		
10	QPSK	1	49	19.43	19.35	19.40		
10	QPSK	25	0	19.53	19.60	19.41		
10	QPSK	25	12	19.54	19.36	19.34	20.8	0
10	QPSK	25	25	19.30	19.21	19.29		
10	QPSK	50	0	19.53	19.55	19.43		
10	16QAM	1	0	19.46	19.41	19.41		
10	16QAM	1	25	19.49	19.29	19.55	20.8	0
10	16QAM	1	49	19.36	19.40	19.48		
10	16QAM	25	0	19.51	19.47	19.43		
10	16QAM	25	12	19.48	19.48	19.40	20.8	0
10	16QAM	25	25	19.42	19.32	19.38		
10	16QAM	50	0	19.37	19.41	19.39		
10	64QAM	1	0	19.45	19.34	19.43		
10	64QAM	1	25	19.39	19.40	19.41	20.8	0
10	64QAM	1	49	19.30	19.41	19.35		
10	64QAM	25	0	19.37	19.50	19.43		
10	64QAM	25	12	19.28	19.38	19.41	20.8	0
10	64QAM	25	25	19.39	19.32	19.40		
10	64QAM	50	0	19.48	19.41	19.37		
10	256QAM	1	0	16.39	16.44	16.48		
10	256QAM	1	25	16.30	16.31	16.17	18	2.8
10	256QAM	1	49	16.42	16.41	16.42		
10	256QAM	25	0	16.34	16.38	16.35		
10	256QAM	25	12	16.26	16.27	16.22	18	2.8
10	256QAM	25	25	16.26	16.38	16.28		
10	256QAM	50	0	16.20	16.29	16.31		
Channel				42115	42500	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.47	19.61	19.32	20.8	0
5	QPSK	1	12	19.58	19.43	19.44		
5	QPSK	1	24	19.41	19.36	19.38		
5	QPSK	12	0	19.58	19.61	19.42		
5	QPSK	12	7	19.54	19.37	19.34	20.8	0
5	QPSK	12	13	19.31	19.20	19.29		
5	QPSK	25	0	19.49	19.60	19.40		
5	16QAM	1	0	19.45	19.40	19.39		
5	16QAM	1	12	19.52	19.29	19.53	20.8	0
5	16QAM	1	24	19.36	19.49	19.40		
5	16QAM	12	0	19.51	19.49	19.45		
5	16QAM	12	7	19.47	19.50	19.43	20.8	0
5	16QAM	12	13	19.42	19.31	19.41		
5	16QAM	25	0	19.37	19.43	19.41		
5	64QAM	1	0	19.45	19.34	19.45		
5	64QAM	1	12	19.38	19.50	19.39	20.8	0
5	64QAM	1	24	19.29	19.39	19.38		
5	64QAM	12	0	19.39	19.50	19.43		
5	64QAM	12	7	19.28	19.40	19.40	20.8	0
5	64QAM	12	13	19.39	19.32	19.43		
5	64QAM	25	0	19.45	19.42	19.36		
5	256QAM	1	0	16.39	16.45	16.47		
5	256QAM	1	12	16.35	16.28	16.16	18	2.8
5	256QAM	1	24	16.43	16.42	16.39		
5	256QAM	12	0	16.36	16.36	16.37		
5	256QAM	12	7	16.31	16.29	16.23	18	2.8
5	256QAM	12	13	16.29	16.35	16.29		
5	256QAM	25	0	16.21	16.29	16.29		

Band 43 (3.7GHz Band) Ant2 DSI6 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43590	43990	44390		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	19.68	19.75	19.69	21.1	0
20	QPSK	1	49	19.65	19.81	19.67		
20	QPSK	1	99	19.44	19.40	19.40		
20	QPSK	50	0	19.62	19.74	19.63		
20	QPSK	50	24	19.57	19.57	19.59	21.1	0
20	QPSK	50	50	19.52	19.51	19.56		
20	QPSK	100	0	19.60	19.68	19.61		
20	16QAM	1	0	19.67	19.59	19.48		
20	16QAM	1	49	19.60	19.61	19.59	21.1	0
20	16QAM	1	99	19.45	19.42	19.48		
20	16QAM	50	0	19.61	19.60	19.62		
20	16QAM	50	24	19.59	19.64	19.61	21.1	0
20	16QAM	50	50	19.54	19.49	19.52		
20	16QAM	100	0	19.51	19.55	19.58		
20	64QAM	1	0	19.65	19.64	19.54		
20	64QAM	1	49	19.58	19.67	19.56	21.1	0
20	64QAM	1	99	19.24	19.42	19.43		
20	64QAM	50	0	19.42	19.59	19.61		
20	64QAM	50	24	19.67	19.53	19.58	21.1	0
20	64QAM	50	50	19.45	19.47	19.54		
20	64QAM	100	0	19.54	19.61	19.55		
20	256QAM	1	0	19.64	19.61	19.51		
20	256QAM	1	49	19.53	19.66	19.53	21.1	0
20	256QAM	1	99	19.22	19.41	19.40		
20	256QAM	50	0	19.40	19.55	19.58		
20	256QAM	50	24	19.65	19.52	19.55	21.1	0
20	256QAM	50	50	19.42	19.43	19.53		
20	256QAM	100	0	19.49	19.60	19.51		
Channel				43565	43990	44415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	19.67	19.72	19.66	21.1	0
15	QPSK	1	37	19.64	19.57	19.63		
15	QPSK	1	74	19.41	19.37	19.36		
15	QPSK	36	0	19.57	19.73	19.60		
15	QPSK	36	20	19.54	19.55	19.55	21.1	0
15	QPSK	36	39	19.51	19.50	19.55		
15	QPSK	75	0	19.58	19.62	19.57		
15	16QAM	1	0	19.63	19.56	19.43		
15	16QAM	1	37	19.58	19.58	19.57	21.1	0
15	16QAM	1	74	19.43	19.36	19.46		
15	16QAM	36	0	19.59	19.57	19.59		
15	16QAM	36	20	19.58	19.62	19.58	21.1	0
15	16QAM	36	39	19.50	19.47	19.50		
15	16QAM	75	0	19.47	19.52	19.55		
15	64QAM	1	0	19.61	19.61	19.49		
15	64QAM	1	37	19.54	19.62	19.52	21.1	0
15	64QAM	1	74	19.20	19.40	19.39		
15	64QAM	36	0	19.40	19.55	19.59		
15	64QAM	36	20	19.62	19.49	19.53	21.1	0
15	64QAM	36	39	19.42	19.45	19.52		
15	64QAM	75	0	19.51	19.58	19.52		
15	256QAM	1	0	19.60	19.62	19.49		
15	256QAM	1	37	19.55	19.62	19.52	21.1	0
15	256QAM	1	74	19.20	19.40	19.39		
15	256QAM	36	0	19.55	19.55	19.59		
15	256QAM	36	20	19.63	19.51	19.56	21.1	0
15	256QAM	36	39	19.40	19.46	19.51		
15	256QAM	75	0	19.51	19.57	19.51		
Channel				43540	43990	44440	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	19.63	19.74	19.66	21.1	0
10	QPSK	1	25	19.53	19.58	19.65		
10	QPSK	1	49	19.41	19.37	19.36		
10	QPSK	25	0	19.58	19.72	19.61		
10	QPSK	25	12	19.56	19.56	19.45	21.1	0
10	QPSK	25	25	19.47	19.47	19.52		
10	QPSK	50	0	19.55	19.61	19.60		
10	16QAM	1	0	19.46	19.58	19.45		
10	16QAM	1	25	19.58	19.58	19.54	21.1	0
10	16QAM	1	49	19.43	19.41	19.46		
10	16QAM	25	0	19.59	19.59	19.58		
10	16QAM	25	12	19.57	19.60	19.58	21.1	0
10	16QAM	25	25	19.49	19.46	19.50		
10	16QAM	50	0	19.50	19.51	19.54		
10	64QAM	1	0	19.64	19.60	19.51		
10	64QAM	1	25	19.53	19.65	19.54	21.1	0
10	64QAM	1	49	19.20	19.37	19.39		
10	64QAM	25	0	19.40	19.54	19.59		
10	64QAM	25	12	19.63	19.49	19.57	21.1	0
10	64QAM	25	25	19.41	19.42	19.52		
10	64QAM	50	0	19.51	19.60	19.50		
10	256QAM	1	0	19.63	19.62	19.52		
10	256QAM	1	25	19.51	19.53	19.53	21.1	0
10	256QAM	1	49	19.20	19.40	19.39		
10	256QAM	25	0	19.41	19.56	19.59		
10	256QAM	25	12	19.46	19.51	19.54	21.1	0
10	256QAM	25	25	19.41	19.43	19.52		
10	256QAM	50	0	19.50	19.52	19.49		
Channel				43315	43990	44665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	19.63	19.73	19.68	21.1	0
5	QPSK	1	12	19.63	19.56	19.65		
5	QPSK	1	24	19.41	19.36	19.36		
5	QPSK	12	0	19.58	19.73	19.58		
5	QPSK	12	7	19.55	19.54	19.55	21.1	0
5	QPSK	12	13	19.48	19.49	19.53		
5	QPSK	25	0	19.50	19.64	19.59		
5	16QAM	1	0	19.65	19.54	19.46		
5	16QAM	1	12	19.58	19.58	19.55	21.1	0
5	16QAM	1	24	19.36	19.46	19.46		
5	16QAM	12	0	19.57	19.57	19.58		
5	16QAM	12	7	19.55	19.62	19.56	21.1	0
5	16QAM	12	13	19.45	19.46	19.50		
5	16QAM	25	0	19.49	19.53	19.54		
5	64QAM	1	0	19.64	19.60	19.51		
5	64QAM	1	12	19.57	19.63	19.54	21.1	0
5	64QAM	1	24	19.21	19.38	19.38		
5	64QAM	12	0	19.41	19.55	19.60		
5	64QAM	12	7	19.51	19.55	19.56	21.1	0
5	64QAM	12	13	19.41	19.44	19.50		
5	64QAM	25	0	19.49	19.60	19.52		
5	256QAM	1	0	19.60	19.62	19.52		
5	256QAM	1	12	19.56	19.64	19.52	21.1	0
5	256QAM	1	24	19.20	19.40	19.39		
5	256QAM	12	0	19.38	19.57	19.58		
5	256QAM	12	7	19.64	19.49	19.54	21.1	0
5	256QAM	12	13	19.44	19.43	19.51		
5	256QAM	25	0	19.52	19.60	19.54		

Band 48_FCC Ant2 DSI6 Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.77	19.69	19.81	19.69	21.1	0
20	QPSK	1	49	19.63	19.59	19.66	19.58		
20	QPSK	1	99	19.68	19.54	19.59	19.55		
20	QPSK	50	0	19.63	19.60	19.68	19.60		
20	QPSK	50	24	19.64	19.52	19.61	19.56	21.1	0
20	QPSK	50	50	19.48	19.48	19.46	19.46		
20	QPSK	100	0	19.53	19.51	19.61	19.53		
20	16QAM	1

		Ant1 DSI6 Simultaneous Power							
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.11	29.15	29.13	29.70	20.11	20.15	20.13	20.70
GPRS 1 Tx slot		29.09	29.14	29.11	29.70	20.09	20.14	20.11	20.70
GPRS 2 Tx slots		26.11	26.14	26.23	26.70	20.11	20.14	20.23	20.70
GPRS 3 Tx slots		23.56	23.66	23.41	24.90	19.30	19.40	19.15	20.64
GPRS 4 Tx slots		22.29	22.38	22.33	23.70	19.29	19.38	19.33	20.70
EDGE 1 Tx slot		25.11	25.03	25.21	26.50	16.11	16.03	16.21	17.50
EDGE 2 Tx slots		23.59	23.50	23.57	24.50	17.59	17.50	17.57	18.50
EDGE 3 Tx slots		22.46	22.37	22.55	23.50	18.20	18.11	18.29	19.24
EDGE 4 Tx slots		20.04	20.01	20.10	21.00	17.04	17.01	17.10	18.00

		Ant1 DSI6 Simultaneous Power				Ant1 DSI6 Simultaneous Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.60	18.69	18.66	19.70	19.67	19.77	19.57	20.80
3GPP Rel 99	RMC 12.2Kbps	18.63	18.72	18.69	19.70	19.66	19.78	19.60	20.80
3GPP Rel 6	HSDPA Subtest-1	17.45	17.46	17.55	18.70	18.69	18.79	18.59	19.80
3GPP Rel 6	HSDPA Subtest-2	17.52	17.51	17.64	18.70	18.70	18.72	18.52	19.80
3GPP Rel 6	HSDPA Subtest-3	16.98	16.89	17.10	18.20	18.18	18.22	18.03	19.30
3GPP Rel 6	HSDPA Subtest-4	16.96	16.93	17.09	18.20	18.19	18.23	18.08	19.30
3GPP Rel 8	DC-HSDPA Subtest-1	17.24	17.20	17.45	18.70	18.60	18.59	18.32	19.80
3GPP Rel 8	DC-HSDPA Subtest-2	17.41	17.35	17.54	18.70	18.54	18.46	18.41	19.80
3GPP Rel 8	DC-HSDPA Subtest-3	16.80	16.71	16.81	18.20	18.02	18.11	17.94	19.30
3GPP Rel 8	DC-HSDPA Subtest-4	16.72	16.71	16.92	18.20	18.09	18.02	17.81	19.30
3GPP Rel 6	HSUPA Subtest-1	17.49	17.47	17.61	18.70	18.59	18.72	18.54	19.80
3GPP Rel 6	HSUPA Subtest-2	15.51	15.41	15.63	16.70	16.62	16.76	16.48	17.80
3GPP Rel 6	HSUPA Subtest-3	16.40	16.51	16.57	17.70	17.63	17.65	17.51	18.80
3GPP Rel 6	HSUPA Subtest-4	15.49	15.44	15.51	16.70	16.67	16.70	16.52	17.80
3GPP Rel 6	HSUPA Subtest-5	17.50	17.47	17.53	18.70	18.62	18.76	18.55	19.80

Band 2 Ant0 DSI6 Simultaneous Power

BW [MHz]	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	20.77	20.89	20.84	22	0
20	QPSK	1	49	20.76	20.83	20.85		
20	QPSK	1	99	20.59	20.65	20.76		
20	QPSK	50	0	20.75	20.84	20.53		
20	QPSK	50	24	20.83	20.79	20.68	22	0
20	QPSK	50	50	20.76	20.78	20.61		
20	QPSK	100	0	20.79	20.80	20.53		
20	16QAM	1	0	20.71	20.65	20.56		
20	16QAM	1	49	20.66	20.60	20.79	22	0
20	16QAM	1	99	20.72	20.63	20.77		
20	16QAM	50	0	20.78	20.73	20.62		
20	16QAM	50	24	20.57	20.59	20.64	22	0
20	16QAM	50	50	20.77	20.79	20.75		
20	16QAM	100	0	20.78	20.55	20.64		
20	64QAM	1	0	20.59	20.58	20.73		
20	64QAM	1	49	20.67	20.64	20.78	22	0
20	64QAM	1	99	20.76	20.79	20.69		
20	64QAM	50	0	20.75	20.78	20.55		
20	64QAM	50	24	20.68	20.66	20.46	22	0
20	64QAM	50	50	20.78	20.79	20.60		
20	64QAM	100	0	20.70	20.72	20.69		
20	256QAM	1	0	18.94	19.30	19.16		
20	256QAM	1	49	19.11	19.21	19.19	20	2
20	256QAM	1	99	19.10	19.24	19.09		
20	256QAM	50	0	19.10	19.23	19.26		
20	256QAM	50	24	19.24	19.21	19.20	20	2
20	256QAM	50	50	19.19	19.16	18.99		
20	256QAM	100	0	19.18	19.17	19.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.69	20.87	20.74		
15	QPSK	1	37	20.66	20.81	20.73	22	0
15	QPSK	1	74	20.48	20.62	20.60		
15	QPSK	36	0	20.69	20.72	20.49		
15	QPSK	36	20	20.73	20.68	20.60	22	0
15	QPSK	36	39	20.72	20.72	20.46		
15	QPSK	75	0	20.67	20.75	20.49		
15	16QAM	1	0	20.58	20.56	20.48		
15	16QAM	1	37	20.52	20.58	20.74	22	0
15	16QAM	1	74	20.62	20.60	20.74		
15	16QAM	36	0	20.65	20.67	20.48		
15	16QAM	36	20	20.51	20.45	20.54	22	0
15	16QAM	36	39	20.69	20.67	20.68		
15	16QAM	75	0	20.71	20.39	20.57		
15	64QAM	1	0	20.44	20.50	20.66		
15	64QAM	1	37	20.61	20.51	20.69	22	0
15	64QAM	1	74	20.73	20.64	20.56		
15	64QAM	36	0	20.73	20.69	20.49		
15	64QAM	36	20	20.64	20.59	20.44	22	0
15	64QAM	36	39	20.67	20.64	20.52		
15	64QAM	75	0	20.64	20.61	20.54		
15	256QAM	1	0	18.85	19.14	19.01		
15	256QAM	1	37	19.03	19.13	19.07	20	2
15	256QAM	1	74	19.03	19.14	18.95		
15	256QAM	36	0	19.04	19.09	19.14		
15	256QAM	36	20	19.10	19.13	19.09	20	2
15	256QAM	36	39	19.03	19.09	18.94		
15	256QAM	75	0	19.05	19.07	19.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.62	20.76	20.76	22	0
10	QPSK	1	25	20.73	20.69	20.81		
10	QPSK	1	49	20.54	20.52	20.73		
10	QPSK	25	0	20.68	20.80	20.50		
10	QPSK	25	12	20.78	20.74	20.62	22	0
10	QPSK	25	25	20.62	20.73	20.45		
10	QPSK	50	0	20.73	20.75	20.48		
10	16QAM	1	0	20.67	20.52	20.46		
10	16QAM	1	25	20.56	20.50	20.74	22	0
10	16QAM	1	49	20.63	20.48	20.65		
10	16QAM	25	0	20.67	20.71	20.58		
10	16QAM	25	12	20.43	20.46	20.53	22	0
10	16QAM	25	25	20.67	20.71	20.61		
10	16QAM	50	0	20.67	20.46	20.53		
10	64QAM	1	0	20.44	20.49	20.71		
10	64QAM	1	25	20.52	20.50	20.74	22	0
10	64QAM	1	49	20.64	20.76	20.61		
10	64QAM	25	0	20.73	20.65	20.46		
10	64QAM	25	12	20.57	20.55	20.38	22	0
10	64QAM	25	25	20.76	20.71	20.58		
10	64QAM	50	0	20.57	20.59	20.63		
10	256QAM	1	0	18.87	19.20	19.08		
10	256QAM	1	25	19.00	19.15	19.16	20	2
10	256QAM	1	49	19.06	19.14	19.02		
10	256QAM	25	0	19.07	19.21	19.10		
10	256QAM	25	12	19.09	19.08	19.15	20	2
10	256QAM	25	25	19.13	19.08	18.93		
10	256QAM	50	0	19.11	19.07	19.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.72	20.85	20.78		
5	QPSK	1	12	20.62	20.79	20.70	22	0
5	QPSK	1	24	20.51	20.59	20.69		
5	QPSK	12	0	20.71	20.69	20.40		
5	QPSK	12	7	20.81	20.73	20.59	22	0
5	QPSK	12	13	20.63	20.75	20.56		
5	QPSK	25	0	20.73	20.71	20.44		
5	16QAM	1	0	20.56	20.53	20.50		
5	16QAM	1	12	20.51	20.57	20.70	22	0
5	16QAM	1	24	20.66	20.52	20.74		
5	16QAM	12	0	20.70	20.62	20.59		
5	16QAM	12	7	20.42	20.46	20.53	22	0
5	16QAM	12	13	20.73	20.65	20.68		
5	16QAM	25	0	20.65	20.49	20.54		
5	64QAM	1	0	20.48	20.45	20.60		
5	64QAM	1	12	20.63	20.51	20.71	22	0
5	64QAM	1	24	20.72	20.73	20.54		
5	64QAM	12	0	20.68	20.68	20.45		
5	64QAM	12	7	20.53	20.57	20.40	22	0
5	64QAM	12	13	20.65	20.75	20.58		
5	64QAM	25	0	20.67	20.62	20.54		
5	256QAM	1	0	18.84	19.21	19.05		
5	256QAM	1	12	18.96	19.18	19.11	20	2
5	256QAM	1	24	19.02	19.14	18.95		
5	256QAM	12	0	18.95	19.16	19.20		
5	256QAM	12	7	19.09	19.12	19.17	20	2
5	256QAM	12	13	19.03	19.03	18.87		
5	256QAM	25	0	19.15	19.09	19.17		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.74	20.81	20.78		
3	QPSK	1	8	20.67	20.69	20.82	22	0
3	QPSK	1	14	20.50	20.60	20.72		
3	QPSK	8	0	20.68	20.69	20.44		
3	QPSK	8	4	20.81	20.74	20.63	22	0
3	QPSK	8	7	20.73	20.65	20.47		
3	QPSK	15	0	20.70	20.68	20.43		
3	16QAM	1	0	20.65	20.61	20.45		
3	16QAM	1	8	20.52	20.47	20.76	22	0
3	16QAM	1	14	20.59	20.58	20.71		
3	16QAM	8	0	20.65	20.68	20.58		
3	16QAM	8	4	20.47	20.48	20.55	22	0
3	16QAM	8	7	20.74	20.63	20.73		
3	16QAM	15	0	20.73	20.48	20.50		
3	64QAM	1	0	20.51	20.45	20.71		
3	64QAM	1	8	20.60	20.57	20.65	22	0
3	64QAM	1	14	20.61	20.72	20.55		
3	64QAM	8	0	20.63	20.74	20.50		
3	64QAM	8	4	20.54	20.60	20.34	22	0
3	64QAM	8	7	20.72	20.68	20.47		
3	64QAM	15	0	20.54	20.66	20.58		
3	256QAM	1	0	18.84	19.15	19.11		
3	256QAM	1	8	19.06	19.18	19.15	20	2
3	256QAM	1	14	19.06	19.08	19.03		
3	256QAM	8	0	19.04	19.19	19.14		
3	256QAM	8	4	19.08	19.17	19.04	20	2
3	256QAM	8	7	19.03	19.05	18.85		
3	256QAM	15	0	19.10	19.14	19.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.71	20.74	20.69		
1.4	QPSK	1	3	20.74	20.81	20.81		
1.4	QPSK	1	5	20.47	20.51	20.67	22	0
1.4	QPSK	3	0	20.70	20.78	20.50		
1.4	QPSK	3	1	20.69	20.75	20.55		
1.4	QPSK	3	3	20.74	20.69	20.54		
1.4	QPSK	6	0	20.73	20.75	20.49	22	0
1.4	16QAM	1	0	20.56	20.60	20.42		
1.4	16QAM	1	3	20.60	20.57	20.77		
1.4	16QAM	1	5	20.62	20.51	20.71	22	0
1.4	16QAM	3	0	20.68	20.70	20.53		
1.4	16QAM	3	1	20.44	20.49	20.57		
1.4	16QAM	3	3	20.72	20.66	20.63		
1.4	16QAM	6	0	20.64	20.46	20.60	22	0
1.4	64QAM	1	0	20.45	20.46	20.62		
1.4	64QAM	1	3	20.54	20.58	20.70		
1.4	64QAM	1	5	20.73	20.75	20.60	22	0
1.4	64QAM	3	0	20.72	20.66	20.40		
1.4	64QAM	3	1	20.62	20.64	20.40		
1.4	64QAM	3	3	20.75	20.75	20.57		
1.4	64QAM	6	0	20.61	20.58	20.62	22	0
1.4	256QAM	1	0	18.91	19.26	19.01		
1.4	256QAM	1	3	19.07	19.11	19.11		
1.4	256QAM	1	5	18.96	19.18	19.03	20	2
1.4	256QAM	3	0	19.08	19.13	19.23		
1.4	256QAM	3	1	19.18	19.11	19.17		
1.4	256QAM	3	3	19.05	19.10	18.88		
1.4	256QAM	6	0	19.03	19.06	19.10	20	2

Band 4 Ant0 DSI6 Simultaneous Power

BW [MHz]	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	19.07	19.17	19.10	20.3	0
20	QPSK	1	49	19.07	19.11	19.01		
20	QPSK	1	99	18.96	18.99	18.82		
20	QPSK	50	0	19.06	19.11	18.88		
20	QPSK	50	24	18.89	19.07	19.08		
20	QPSK	50	50	19.07	19.06	18.93		
20	QPSK	100	0	18.99	19.07	19.03		
20	16QAM	1	0	19.02	18.93	18.86		
20	16QAM	1	49	18.88	18.87	18.90		
20	16QAM	1	99	18.86	18.96	18.96		
20	16QAM	50	0	18.93	18.91	19.03		
20	16QAM	50	24	18.83	18.97	19.06		
20	16QAM	50	50	19.06	18.80	18.93		
20	16QAM	100	0	18.88	19.00	19.03		
20	64QAM	1	0	19.03	19.06	18.84		
20	64QAM	1	49	18.79	18.89	19.01		
20	64QAM	1	99	18.86	18.88	18.95		
20	64QAM	50	0	19.06	19.01	19.02		
20	64QAM	50	24	18.99	19.04	19.05		
20	64QAM	50	50	18.77	18.98	18.95		
20	64QAM	100	0	18.99	19.04	18.97		
20	256QAM	1	0	18.88	18.97	19.02		
20	256QAM	1	49	18.82	19.00	18.87		
20	256QAM	1	99	18.90	18.93	18.81		
20	256QAM	50	0	19.00	18.96	19.05		
20	256QAM	50	24	18.99	18.94	19.02		
20	256QAM	50	50	19.03	18.86	18.80		
20	256QAM	100	0	19.03	18.89	18.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.00	19.09	19.05	20.3	0
15	QPSK	1	37	18.96	19.01	18.91		
15	QPSK	1	74	18.91	18.95	18.70		
15	QPSK	36	0	18.96	19.02	18.80		
15	QPSK	36	20	18.77	19.02	19.00		
15	QPSK	36	39	18.93	18.99	18.88		
15	QPSK	75	0	18.95	19.02	18.98		
15	16QAM	1	0	18.89	18.86	18.75		
15	16QAM	1	37	18.83	18.77	18.88		
15	16QAM	1	74	18.83	18.93	18.83		
15	16QAM	36	0	18.85	18.82	18.89		
15	16QAM	36	20	18.75	18.86	18.95		
15	16QAM	36	39	18.95	18.70	18.89		
15	16QAM	75	0	18.72	18.92	18.90		
15	64QAM	1	0	18.93	19.04	18.76		
15	64QAM	1	37	18.70	18.82	18.92		
15	64QAM	1	74	18.71	18.82	18.83		
15	64QAM	36	0	18.95	18.99	18.86		
15	64QAM	36	20	18.93	18.91	19.02		
15	64QAM	36	39	18.72	18.87	18.79		
15	64QAM	75	0	18.96	18.90	18.90		
15	256QAM	1	0	18.72	18.84	18.94		
15	256QAM	1	37	18.73	18.98	18.82	20	0.3
15	256QAM	1	74	18.87	18.80	18.72		
15	256QAM	36	0	18.92	18.93	18.94		
15	256QAM	36	20	18.94	18.83	18.90	20	0.3
15	256QAM	36	39	19.00	18.80	18.64		
15	256QAM	75	0	18.90	18.74	18.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.98	19.12	19.05	20.3	0
10	QPSK	1	25	19.01	19.00	18.85		
10	QPSK	1	49	18.89	18.90	18.74		
10	QPSK	25	0	18.92	19.04	18.82		
10	QPSK	25	12	18.81	18.92	18.95		
10	QPSK	25	25	18.92	18.93	18.81		
10	QPSK	50	0	18.97	18.98	19.00		
10	16QAM	1	0	18.89	18.84	18.70		
10	16QAM	1	25	18.75	18.73	18.83		
10	16QAM	1	49	18.79	18.83	18.87		
10	16QAM	25	0	18.88	18.87	18.96		
10	16QAM	25	12	18.70	18.84	18.99		
10	16QAM	25	25	18.95	18.64	18.78		
10	16QAM	50	0	18.77	18.89	18.87		
10	64QAM	1	0	18.98	18.94	18.78		
10	64QAM	1	25	18.74	18.82	18.96		
10	64QAM	1	49	18.78	18.79	18.92		
10	64QAM	25	0	19.03	18.92	18.97		
10	64QAM	25	12	18.84	19.02	18.97		
10	64QAM	25	25	18.61	18.93	18.84		
10	64QAM	50	0	18.83	18.96	18.91		
10	256QAM	1	0	18.72	18.92	18.99		
10	256QAM	1	25	18.75	18.94	18.72	20	0.3
10	256QAM	1	49	18.86	18.80	18.70		
10	256QAM	25	0	18.84	18.94	18.95		
10	256QAM	25	12	18.86	18.88	18.90		
10	256QAM	25	25	18.92	18.77	18.70		
10	256QAM	50	0	19.00	18.75	18.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.93	19.04	19.06	20.3	0
5	QPSK	1	12	18.95	19.04	18.96		
5	QPSK	1	24	18.87	18.88	18.74		
5	QPSK	12	0	19.02	18.98	18.82		
5	QPSK	12	7	18.75	19.05	19.04		
5	QPSK	12	13	19.02	18.92	18.81		
5	QPSK	25	0	18.89	18.97	18.89		
5	16QAM	1	0	18.98	18.87	18.72		
5	16QAM	1	12	18.75	18.81	18.76		
5	16QAM	1	24	18.73	18.85	18.89		
5	16QAM	12	0	18.79	18.87	18.90		
5	16QAM	12	7	18.72	18.95	19.03		
5	16QAM	12	13	19.03	18.76	18.85		
5	16QAM	25	0	18.81	18.96	18.93		
5	64QAM	1	0	18.93	19.02	18.75		
5	64QAM	1	12	18.71	18.81	18.86		
5	64QAM	1	24	18.82	18.76	18.84		
5	64QAM	12	0	18.92	18.90	18.99		
5	64QAM	12	7	18.86	18.89	18.97		
5	64QAM	12	13	18.61	18.92	18.92		
5	64QAM	25	0	18.95	18.88	18.84		
5	256QAM	1	0	18.76	18.91	18.97		
5	256QAM	1	12	18.66	18.91	18.82	20	0.3
5	256QAM	1	24	18.77	18.82	18.74		
5	256QAM	12	0	18.95	18.94	19.01		
5	256QAM	12	7	18.90	18.91	18.93		
5	256QAM	12	13	18.87	18.75	18.74	20	0.3
5	256QAM	25	0	18.98	18.84	18.81		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.96	19.10	18.99	20.3	0
3	QPSK	1	8	18.99	18.96	18.88		
3	QPSK	1	14	18.90	18.92	18.68		
3	QPSK	8	0	18.96	19.05	18.86		
3	QPSK	8	4	18.77	18.97	18.96		
3	QPSK	8	7	19.01	18.93	18.87		
3	QPSK	15	0	18.96	18.95	18.93		
3	16QAM	1	0	18.99	18.87	18.74		
3	16QAM	1	8	18.85	18.78	18.86		
3	16QAM	1	14	18.79	18.85	18.86		
3	16QAM	8	0	18.90	18.85	18.93		
3	16QAM	8	4	18.70	18.87	18.90		
3	16QAM	8	7	18.93	18.66	18.86		
3	16QAM	15	0	18.78	18.98	18.89		
3	64QAM	1	0	18.94	18.98	18.72		
3	64QAM	1	8	18.66	18.83	18.85	20.3	0
3	64QAM	1	14	18.77	18.76	18.85		
3	64QAM	8	0	18.91	18.95	18.91		
3	64QAM	8	4	18.88	18.98	18.91		
3	64QAM	8	7	18.75	18.86	18.90		
3	64QAM	15	0	18.95	18.89	18.95		
3	256QAM	1	0	18.78	18.92	18.96		
3	256QAM	1	8	18.71	18.90	18.76	20	0.3
3	256QAM	1	14	18.80	18.80	18.75		
3	256QAM	8	0	18.84	18.81	18.90		
3	256QAM	8	4	18.93	18.82	18.99	20	0.3
3	256QAM	8	7	18.92	18.79	18.76		
3	256QAM	15	0	19.01	18.79	18.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.95	19.07	19.04	20.3	0
1.4	QPSK	1	3	19.01	19.01	18.98		
1.4	QPSK	1	5	18.88	18.90	18.84		
1.4	QPSK	3	0	18.99	19.03	18.74		
1.4	QPSK	3	1	18.73	18.99	19.01		
1.4	QPSK	3	3	19.02	19.03	18.86		
1.4	QPSK	6	0	18.87	19.03	18.98	20.3	0
1.4	16QAM	1	0	18.88	18.80	18.83		
1.4	16QAM	1	3	18.75	18.77	18.83		
1.4	16QAM	1	5	18.79	18.82	18.83	20.3	0
1.4	16QAM	3	0	18.89	18.86	18.99		
1.4	16QAM	3	1	18.81	18.87	18.98		
1.4	16QAM	3	3	18.97	18.68	18.85		
1.4	16QAM	6	0	18.78	18.97	18.96	20.3	0
1.4	64QAM	1	0	18.98	18.93	18.70		
1.4	64QAM	1	3	18.63	18.86	18.93		
1.4	64QAM	1	5	18.70	18.80	18.92	20.3	0
1.4	64QAM	3	0	18.94	18.93	18.88		
1.4	64QAM	3	1	18.97	18.90	18.96		
1.4	64QAM	3	3	18.68	18.83	18.82		
1.4	64QAM	6	0	18.94	18.95	18.94	20.3	0
1.4	256QAM	1	0	18.85	18.91	18.99		
1.4	256QAM	1	3	18.75	18.85	18.81		
1.4	256QAM	1	5	18.81	18.88	18.76	20	0.3
1.4	256QAM	3	0	18.93	18.91	18.90		
1.4	256QAM	3	1	18.83	18.80	18.87		
1.4	256QAM	3	3	18.95	18.81	18.73		
1.4	256QAM	6	0	18.99	18.82	18.75	20	0.3

Band 7 Ant0 DSI6 Simultaneous Power

BW [MHz]	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	21.94	22.09	22.03	22.9	0
20	QPSK	1	49	22.00	22.08	21.98		
20	QPSK	1	99	21.97	22.05	22.02		
20	QPSK	50	0	21.82	22.04	21.91		
20	QPSK	50	24	21.95	22.01	21.77		
20	QPSK	50	50	21.96	22.00	22.03		
20	QPSK	100	0	21.93	22.03	21.97		
20	16QAM	1	0	21.90	21.83	21.81		
20	16QAM	1	49	21.85	21.99	21.97		
20	16QAM	1	99	21.85	22.01	21.97		
20	16QAM	50	0	21.84	21.96	21.95		
20	16QAM	50	24	21.97	21.94	21.90		
20	16QAM	50	50	21.96	21.88	21.86		
20	16QAM	100	0	21.95	22.00	21.96		
20	64QAM	1	0	21.79	21.99	21.97		
20	64QAM	1	49	22.02	21.93	21.91		
20	64QAM	1	99	22.00	21.94	21

Band 25 Ant0 DSI6 Simultaneous Power

BW [MHz]	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	20.78	21.02	20.88		
20	QPSK	1	49	20.84	20.80	20.83	22	0
20	QPSK	1	99	20.80	20.77	20.82		
20	QPSK	50	0	20.64	20.86	20.67		
20	QPSK	50	24	20.85	20.75	20.74	22	0
20	QPSK	50	50	20.75	20.69	20.83		
20	QPSK	100	0	20.69	20.82	20.78		
20	16QAM	1	0	20.56	20.73	20.65		
20	16QAM	1	49	20.72	20.62	20.76	22	0
20	16QAM	1	99	20.67	20.72	20.81		
20	16QAM	50	0	20.79	20.81	20.76		
20	16QAM	50	24	20.66	20.77	20.81	22	0
20	16QAM	50	50	20.58	20.80	20.73		
20	16QAM	100	0	20.54	20.75	20.67		
20	64QAM	1	0	20.74	20.72	20.65		
20	64QAM	1	49	20.58	20.76	20.66	22	0
20	64QAM	1	99	20.79	20.71	20.74		
20	64QAM	50	0	20.72	20.54	20.65		
20	64QAM	50	24	20.61	20.78	20.56	22	0
20	64QAM	50	50	20.53	20.59	20.73		
20	64QAM	100	0	20.67	20.60	20.72		
20	256QAM	1	0	19.19	19.40	19.38		
20	256QAM	1	49	19.17	19.32	19.27	20	2
20	256QAM	1	99	19.26	19.28	19.17		
20	256QAM	50	0	19.27	19.30	19.22		
20	256QAM	50	24	19.11	19.23	19.25	20	2
20	256QAM	50	50	19.20	19.16	19.19		
20	256QAM	100	0	19.24	19.18	19.15		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.68	20.83	20.69		
15	QPSK	1	37	20.76	20.70	20.71	22	0
15	QPSK	1	74	20.79	20.64	20.82		
15	QPSK	36	0	20.67	20.82	20.59		
15	QPSK	36	20	20.76	20.68	20.62	22	0
15	QPSK	36	39	20.68	20.71	20.73		
15	QPSK	75	0	20.57	20.73	20.74		
15	16QAM	1	0	20.59	20.70	20.55		
15	16QAM	1	37	20.74	20.48	20.72	22	0
15	16QAM	1	74	20.55	20.70	20.74		
15	16QAM	36	0	20.70	20.79	20.72		
15	16QAM	36	20	20.58	20.80	20.67	22	0
15	16QAM	36	39	20.46	20.79	20.64		
15	16QAM	75	0	20.45	20.67	20.62		
15	64QAM	1	0	20.69	20.74	20.56		
15	64QAM	1	37	20.44	20.77	20.50	22	0
15	64QAM	1	74	20.66	20.72	20.60		
15	64QAM	36	0	20.70	20.39	20.58		
15	64QAM	36	20	20.61	20.71	20.60	22	0
15	64QAM	36	39	20.53	20.60	20.71		
15	64QAM	75	0	20.60	20.57	20.65		
15	256QAM	1	0	19.15	19.32	19.32		
15	256QAM	1	37	19.07	19.34	19.21	20	2
15	256QAM	1	74	19.26	19.21	19.11		
15	256QAM	36	0	19.28	19.14	19.19		
15	256QAM	36	20	19.07	19.14	19.24	20	2
15	256QAM	36	39	19.04	18.97	19.05		
15	256QAM	75	0	19.16	19.15	19.10		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.76	20.84	20.71		
10	QPSK	1	25	20.84	20.84	20.85	22	0
10	QPSK	1	49	20.65	20.80	20.79		
10	QPSK	25	0	20.60	20.79	20.71		
10	QPSK	25	12	20.78	20.71	20.74	22	0
10	QPSK	25	25	20.75	20.71	20.86		
10	QPSK	50	0	20.65	20.74	20.80		
10	16QAM	1	0	20.55	20.69	20.58		
10	16QAM	1	25	20.56	20.60	20.68	22	0
10	16QAM	1	49	20.59	20.70	20.78		
10	16QAM	25	0	20.66	20.78	20.66		
10	16QAM	25	12	20.51	20.75	20.75	22	0
10	16QAM	25	25	20.47	20.75	20.72		
10	16QAM	50	0	20.40	20.77	20.59		
10	64QAM	1	0	20.68	20.63	20.56		
10	64QAM	1	25	20.43	20.74	20.61	22	0
10	64QAM	1	49	20.73	20.67	20.72		
10	64QAM	25	0	20.57	20.56	20.66		
10	64QAM	25	12	20.53	20.80	20.53	22	0
10	64QAM	25	25	20.53	20.62	20.74		
10	64QAM	50	0	20.67	20.56	20.62		
10	256QAM	1	0	19.22	19.25	19.29		
10	256QAM	1	25	19.07	19.25	19.29	20	2
10	256QAM	1	49	19.27	19.24	19.18		
10	256QAM	25	0	19.30	19.24	19.15		
10	256QAM	25	12	19.00	19.22	19.11	20	2
10	256QAM	25	25	19.10	19.04	19.15		
10	256QAM	50	0	19.17	19.08	19.01		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.60	20.85	20.71		
5	QPSK	1	12	20.78	20.83	20.77	22	0
5	QPSK	1	24	20.78	20.62	20.81		
5	QPSK	12	0	20.59	20.75	20.57		
5	QPSK	12	7	20.76	20.78	20.59	22	0
5	QPSK	12	13	20.71	20.55	20.69		
5	QPSK	25	0	20.62	20.76	20.74		
5	16QAM	1	0	20.55	20.58	20.63		
5	16QAM	1	12	20.73	20.55	20.78	22	0
5	16QAM	1	24	20.51	20.75	20.70		
5	16QAM	12	0	20.65	20.83	20.77		
5	16QAM	12	7	20.66	20.76	20.81	22	0
5	16QAM	12	13	20.61	20.66	20.72		
5	16QAM	25	0	20.39	20.78	20.59		
5	64QAM	1	0	20.74	20.60	20.52		
5	64QAM	1	12	20.50	20.73	20.54	22	0
5	64QAM	1	24	20.73	20.64	20.68		
5	64QAM	12	0	20.65	20.53	20.65		
5	64QAM	12	7	20.55	20.80	20.46	22	0
5	64QAM	12	13	20.43	20.47	20.65		
5	64QAM	25	0	20.69	20.52	20.68		
5	256QAM	1	0	19.21	19.27	19.36		
5	256QAM	1	12	19.12	19.27	19.14	20	2
5	256QAM	1	24	19.20	19.18	19.17		
5	256QAM	12	0	19.20	19.23	19.12		
5	256QAM	12	7	18.99	19.17	19.27	20	2
5	256QAM	12	13	19.11	19.02	19.19		
5	256QAM	25	0	19.13	19.03	19.02		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.66	20.79	20.76		
3	QPSK	1	8	20.77	20.84	20.84	22	0
3	QPSK	1	14	20.82	20.74	20.76		
3	QPSK	8	0	20.58	20.79	20.53		
3	QPSK	8	4	20.87	20.71	20.72	22	0
3	QPSK	8	7	20.65	20.61	20.82		
3	QPSK	15	0	20.61	20.77	20.62		
3	16QAM	1	0	20.60	20.74	20.58		
3	16QAM	1	8	20.75	20.59	20.69	22	0
3	16QAM	1	14	20.60	20.67	20.67		
3	16QAM	8	0	20.69	20.82	20.64		
3	16QAM	8	4	20.63	20.70	20.70	22	0
3	16QAM	8	7	20.55	20.65	20.67		
3	16QAM	15	0	20.52	20.77	20.66		
3	64QAM	1	0	20.73	20.66	20.61		
3	64QAM	1	8	20.56	20.65	20.54	22	0
3	64QAM	1	14	20.79	20.60	20.73		
3	64QAM	8	0	20.70	20.54	20.63		
3	64QAM	8	4	20.60	20.62	20.49	22	0
3	64QAM	8	7	20.46	20.63	20.60		
3	64QAM	15	0	20.57	20.45	20.72		
3	256QAM	1	0	19.20	19.31	19.40		
3	256QAM	1	8	19.16	19.30	19.14	20	2
3	256QAM	1	14	19.12	19.15	19.10		
3	256QAM	8	0	19.18	19.30	19.10		
3	256QAM	8	4	18.99	19.09	19.22	20	2
3	256QAM	8	7	19.24	18.97	19.17		
3	256QAM	15	0	19.12	19.10	19.06		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.69	20.79	20.72		
1.4	QPSK	1	3	20.70	20.77	20.74		
1.4	QPSK	1	5	20.69	20.80	20.79	22	0
1.4	QPSK	3	0	20.55	20.74	20.64		
1.4	QPSK	3	1	20.84	20.73	20.77		
1.4	QPSK	3	3	20.73	20.65	20.72		
1.4	QPSK	6	0	20.53	20.72	20.80	22	0
1.4	16QAM	1	0	20.59	20.60	20.68		
1.4	16QAM	1	3	20.71	20.46	20.61		
1.4	16QAM	1	5	20.59	20.56	20.73	22	0
1.4	16QAM	3	0	20.79	20.82	20.77		
1.4	16QAM	3	1	20.63	20.62	20.83		
1.4	16QAM	3	3	20.51	20.66	20.66		
1.4	16QAM	6	0	20.53	20.59	20.70	22	0
1.4	64QAM	1	0	20.70	20.74	20.60		
1.4	64QAM	1	3	20.57	20.69	20.68		
1.4	64QAM	1	5	20.68	20.58	20.74	22	0
1.4	64QAM	3	0	20.65	20.43	20.68		
1.4	64QAM	3	1	20.50	20.68	20.45		
1.4	64QAM	3	3	20.39	20.56	20.74		
1.4	64QAM	6	0	20.60	20.51	20.68	22	0
1.4	256QAM	1	0	19.21	19.43	19.35		
1.4	256QAM	1	3	19.08	19.34	19.18		
1.4	256QAM	1	5	19.17	19.18	19.13	20	2
1.4	256QAM	3	0	19.29	19.29	19.13		
1.4	256QAM	3	1	19.02	19.13	19.28		
1.4	256QAM	3	3	19.06	18.91	19.10		
1.4	256QAM	6	0	19.17	19.23	19.13	20	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.25	19.30	18.98		
20	QPSK	1	49	19.23	19.19	19.08	20.3	0
20	QPSK	1	99	19.05	19.15	19.10		
20	QPSK	50	0	19.00	19.23	18.93		
20	QPSK	50	24	19.06	19.04	19.03	20.3	0
20	QPSK	50	50	19.04	18.96	19.18		
20	QPSK	100	0	19.05	19.20	18.98		
20	16QAM	1	0	19.00	19.08	18.95		
20	16QAM	1	49	19.06	19.11	18.91	20.3	0
20	16QAM	1	99	18.92	18.87	18.76		
20	16QAM	50	0	19.03	19.06	18.96		
20	16QAM	50	24	19.12	19.04	18.95	20.3	0
20	16QAM	50	50	19.04	18.93	18.83		
20	16QAM	100	0	19.10	18.98	18.90		
20	64QAM	1	0	19.10	19.08	19.12		
20	64QAM	1	49	19.17	19.13	19.09	20.3	0
20	64QAM	1	99	19.04	19.04	19.03		
20	64QAM	50	0	19.04	19.06	18.83		
20	64QAM	50	24	19.10	19.04	18.89	20.3	0
20	64QAM	50	50	19.04	18.94	18.80		
20	64QAM	100	0	19.08	18.99	18.87		
20	256QAM	1	0	18.24	18.29	18.30		
20	256QAM	1	49	18.09	18.41	18.04	19	1.3
20	256QAM	1	99	18.28	18.23	17.96		
20	256QAM	50	0	18.05	18.18	18.23		
20	256QAM	50	24	17.95	17.96	17.92	19	1.3
20	256QAM	50	50	18.25	18.23	18.14		
20	256QAM	100	0	18.60	18.62	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.11	19.27	18.91		
15	QPSK	1	37	19.18	19.12	18.98	20.3	0
15	QPSK	1	74	18.97	19.06	18.99		
15	QPSK	36	0	18.94	19.12	18.90		
15	QPSK	36	20	18.92	18.94	18.95	20.3	0
15	QPSK	36	39	18.98	18.93	19.12		
15	QPSK	75	0	18.92	19.13	18.89		
15	16QAM	1	0	18.97	18.96	18.92		
15	16QAM	1	37	18.98	18.97	18.83	20.3	0
15	16QAM	1	74	18.83	18.82	18.60		
15	16QAM	36	0	18.95	19.02	18.94		
15	16QAM	36	20	19.05	18.90	18.87	20.3	0
15	16QAM	36	39	18.98	18.82	18.81		
15	16QAM	75	0	19.03	18.95	18.87		
15	64QAM	1	0	19.02	18.94	19.05		
15	64QAM	1	37	19.11	18.99	18.97	20.3	0
15	64QAM	1	74	18.98	18.98	18.87		
15	64QAM	36	0	18.91	18.93	18.81		
15	64QAM	36	20	19.06	18.91	18.78	20.3	0
15	64QAM	36	39	18.92	18.91	18.76		
15	64QAM	75	0	18.97	18.84	18.78		
15	256QAM	1	0	18.21	18.29	18.29		
15	256QAM	1	37	18.10	18.41	18.03	19	1.3
15	256QAM	1	74	18.26	18.23	17.97		
15	256QAM	36	0	18.04	18.17	18.25		
15	256QAM	36	20	17.92	17.99	17.93	19	1.3
15	256QAM	36	39	18.36	18.32	17.86		
15	256QAM	75	0	18.63	18.60	18.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.17	19.20	19.01		
10	QPSK	1	25	19.16	19.12	19.01	20.3	0
10	QPSK	1	49	18.93	19.13	19.08		
10	QPSK	25	0	18.90	19.07	18.81		
10	QPSK	25	12	18.97	18.92	18.92	20.3	0
10	QPSK	25	25	18.97	18.93	19.03		
10	QPSK	50	0	19.02	19.08	18.90		
10	16QAM	1	0	18.95	19.02	18.88		
10	16QAM	1	25	18.99	19.05	18.75	20.3	0
10	16QAM	1	49	18.88	18.92	18.64		
10	16QAM	25	0	18.99	18.94	18.86		
10	16QAM	25	12	18.99	18.99	18.80	20.3	0
10	16QAM	25	25	18.95	18.77	18.71		
10	16QAM	50	0	18.96	18.92	18.80		
10	64QAM	1	0	19.06	19.03	18.97		
10	64QAM	1	25	19.06	18.98	19.03	20.3	0
10	64QAM	1	49	19.00	18.90	18.92		
10	64QAM	25	0	18.89	18.97	18.87		
10	64QAM	25	12	19.07	18.99	18.80	20.3	0
10	64QAM	25	25	19.02	18.91	18.74		
10	64QAM	50	0	19.04	18.94	18.76		
10	256QAM	1	0	18.23	18.29	18.29		
10	256QAM	1	25	18.10	18.42	18.04	19	1.3
10	256QAM	1	49	18.28	18.20	17.99		
10	256QAM	25	0	18.05	18.17	18.24		
10	256QAM	25	12	17.94	17.96	17.91	19	1.3
10	256QAM	25	25	18.34	18.33	17.85		
10	256QAM	50	0	18.64	18.61	18.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.22	19.23	18.99		
5	QPSK	1	12	19.15	19.03	18.98	20.3	0
5	QPSK	1	24	19.02	19.07	19.06		
5	QPSK	12	0	18.88	19.16	18.77		
5	QPSK	12	7	18.95	18.99	18.95	20.3	0
5	QPSK	12	13	19.01	18.91	19.14		
5	QPSK	25	0	18.92	19.11	18.92		
5	16QAM	1	0	18.88	18.99	18.80		
5	16QAM	1	12	18.96	19.01	18.78	20.3	0
5	16QAM	1	24	18.82	18.80	18.73		
5	16QAM	12	0	19.00	19.03	18.93		
5	16QAM	12	7	19.04	18.94	18.81	20.3	0
5	16QAM	12	13	19.01	18.91	18.76		
5	16QAM	25	0	18.96	18.83	18.87		
5	64QAM	1	0	19.04	18.96	19.01		
5	64QAM	1	12	19.12	19.03	18.96	20.3	0
5	64QAM	1	24	18.92	18.93	19.00		
5	64QAM	12	0	18.96	18.92	18.72		
5	64QAM	12	7	19.08	18.89	18.82	20.3	0
5	64QAM	12	13	18.89	18.82	18.68		
5	64QAM	25	0	19.01	18.90	18.75		
5	256QAM	1	0	18.21	18.30	18.31		
5	256QAM	1	12	18.11	18.44	18.06	19	1.3
5	256QAM	1	24	18.26	18.20	17.98		
5	256QAM	12	0	18.03	18.18	18.22		
5	256QAM	12	7	17.95	17.97	17.95	19	1.3
5	256QAM	12	13	18.15	18.23	17.83		
5	256QAM	25	0	18.64	18.63	18.49		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.12	19.14	18.95		
3	QPSK	1	8	19.10	19.12	19.02	20.3	0
3	QPSK	1	14	19.00	19.12	19.02		
3	QPSK	8	0	18.89	19.18	18.90		
3	QPSK	8	4	18.98	18.91	18.87	20.3	0
3	QPSK	8	7	18.90	18.82	19.13		
3	QPSK	15	0	19.02	19.05	18.83		
3	16QAM	1	0	18.93	18.96	18.88		
3	16QAM	1	8	18.91	18.96	18.87	20.3	0
3	16QAM	1	14	18.83	18.77	18.74		
3	16QAM	8	0	18.93	18.99	18.83		
3	16QAM	8	4	19.07	18.94	18.92	20.3	0
3	16QAM	8	7	18.94	18.89	18.77		
3	16QAM	15	0	18.97	18.90	18.76		
3	64QAM	1	0	19.07	18.92	19.08		
3	64QAM	1	8	19.01	19.04	19.01	20.3	0
3	64QAM	1	14	18.92	19.00	18.88		
3	64QAM	8	0	18.88	19.03	18.72		
3	64QAM	8	4	18.98	18.94	18.87	20.3	0
3	64QAM	8	7	19.01	18.82	18.74		
3	64QAM	15	0	19.01	18.90	18.82		
3	256QAM	1	0	18.22	18.27	18.28		
3	256QAM	1	8	18.08	18.44	18.04	19	1.3
3	256QAM	1	14	18.29	18.21	17.97		
3	256QAM	8	0	18.04	18.18	18.26		
3	256QAM	8	4	17.94	17.96	17.91	19	1.3
3	256QAM	8	7	18.32	18.33	17.84		
3	256QAM	15	0	18.60	18.61	18.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.19	19.18	18.95		
1.4	QPSK	1	3	19.14	19.04	19.06		
1.4	QPSK	1	5	18.99	19.13	19.04	20.3	0
1.4	QPSK	3	0	18.97	19.19	18.90		
1.4	QPSK	3	1	18.94	18.89	18.99		
1.4	QPSK	3	3	18.95	18.83	19.10		
1.4	QPSK	6	0	18.89	19.11	18.87	20.3	0
1.4	16QAM	1	0	18.93	19.03	18.92		
1.4	16QAM	1	3	18.92	19.07	18.84		
1.4	16QAM	1	5	18.89	18.78	18.61	20.3	0
1.4	16QAM	3	0	18.96	18.91	18.90		
1.4	16QAM	3	1	19.05	18.97	18.89		
1.4	16QAM	3	3	18.91	18.87	18.79		
1.4	16QAM	6	0	19.01	18.84	18.77	20.3	0
1.4	64QAM	1	0	18.96	19.00	19.01		
1.4	64QAM	1	3	19.14	19.02	18.96		
1.4	64QAM	1	5	18.95	19.02	18.96	20.3	0
1.4	64QAM	3	0	19.00	18.91	18.74		
1.4	64QAM	3	1	19.03	19.00	18.74		
1.4	64QAM	3	3	18.95	18.87	18.78		
1.4	64QAM	6	0	18.94	18.93	18.74	20.3	0
1.4	256QAM	1	0	18.25	18.29	18.29		
1.4	256QAM	1	3	18.11	18.44	18.02		
1.4	256QAM	1	5	18.27	18.23	17.98	19	1.3
1.4	256QAM	3	0	18.05	18.16	18.24		
1.4	256QAM	3	1	17.94	17.94	17.94		
1.4	256QAM	3	3	18.14	18.32	17.82		
1.4	256QAM	6	0	18.62	18.63	18.51	19	1.3

Band 41 (2.6G Band) Ant0 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.92	23.02	23.24	22.87	22.87	23.5	0
20	QPSK	1	49	23.09	23.14	23.19	23.19	23.17		
20	QPSK	1	99	23.02	23.13	23.23	22.98	23.14		
20	QPSK	50	0	22.79	22.97	23.06	22.73	22.84	23.5	0
20	QPSK	50	24	22.93	22.86	22.84	22.94	23.01		
20	QPSK	50	50	22.90	23.03	22.89	22.86	22.94		
20	QPSK	100	0	22.90	22.96	23.04	22.84	22.92		
20	16QAM	1	0	22.83	22.81	22.86	22.60	22.71	23.5	0
20	16QAM	1	49	22.89	22.93	22.86	22.64	22.67		
20	16QAM	1	99	22.84	22.89	22.88	22.79	22.86		
20	16QAM	50	0	22.40	22.54	22.73	22.38	22.46	23.5	0
20	16QAM	50	24	22.61	22.57	22.64	22.69	22.64		
20	16QAM	50	50	22.57	22.59	22.68	22.54	22.70		
20	16QAM	100	0	22.31	22.51	22.62	22.35	22.33		
20	64QAM	1	0	22.49	22.60	22.68	22.37	22.46	23.5	0
20	64QAM	1	49	22.67	22.59	22.64	22.63	22.52		
20	64QAM	1	99	22.55	22.61	22.65	22.31	22.50		
20	64QAM	50	0	22.42	22.66	22.72	22.41	22.46	23.5	0
20	64QAM	50	24	22.58	22.51	22.45	22.64	22.62		
20	64QAM	50	50	22.60	22.72	22.54	22.46	22.65		
20	64QAM	100	0	22.59	22.66	22.67	22.54	22.62		
20	256QAM	1	0	21.63	21.61	21.92	21.59	21.66	23	0.5
20	256QAM	1	49	21.72	21.79	21.80	21.82	21.77		
20	256QAM	1	99	21.74	21.78	21.91	21.69	21.79		
20	256QAM	50	0	21.50	21.60	21.76	21.42	21.43	23	0.5
20	256QAM	50	24	21.63	21.56	21.48	21.57	21.65		
20	256QAM	50	50	21.54	21.74	21.55	21.47	21.59		
20	256QAM	100	0	21.50	21.65	21.68	21.44	21.58		
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	22.88	22.90	23.13	22.79	22.74	24	0
15	QPSK	1	37	22.94	22.99	23.07	23.11	23.11		
15	QPSK	1	74	22.95	23.05	23.08	22.83	23.06		
15	QPSK	36	0	22.69	22.90	22.92	22.63	22.75	23.5	0
15	QPSK	36	20	22.81	22.82	22.76	22.78	22.87		
15	QPSK	36	39	22.77	22.93	22.77	22.79	22.91		
15	QPSK	75	0	22.79	22.83	22.91	22.75	22.81		
15	16QAM	1	0	22.73	22.66	22.80	22.48	22.59	23.5	0
15	16QAM	1	37	22.74	22.80	22.73	22.54	22.59		
15	16QAM	1	74	22.78	22.81	22.85	22.69	22.81		
15	16QAM	36	0	22.30	22.40	22.66	22.33	22.41	23.5	0
15	16QAM	36	20	22.47	22.50	22.57	22.61	22.62		
15	16QAM	36	39	22.52	22.55	22.55	22.45	22.60		
15	16QAM	75	0	22.26	22.40	22.55	22.27	22.19		
15	64QAM	1	0	22.33	22.55	22.55	22.26	22.41	23.5	0
15	64QAM	1	37	22.60	22.55	22.53	22.61	22.44		
15	64QAM	1	74	22.46	22.50	22.54	22.22	22.37		
15	64QAM	36	0	22.34	22.59	22.65	22.33	22.38	23.5	0
15	64QAM	36	20	22.48	22.42	22.43	22.59	22.51		
15	64QAM	36	39	22.57	22.59	22.51	22.43	22.52		
15	64QAM	75	0	22.55	22.56	22.52	22.47	22.53		
15	256QAM	1	0	21.48	21.48	21.88	21.49	21.56	23	0.5
15	256QAM	1	37	21.64	21.68	21.70	21.69	21.67		
15	256QAM	1	74	21.66	21.66	21.77	21.58	21.77		
15	256QAM	36	0	21.36	21.46	21.63	21.30	21.31	23	0.5
15	256QAM	36	20	21.47	21.44	21.39	21.46	21.56		
15	256QAM	36	39	21.43	21.65	21.46	21.38	21.56		
15	256QAM	75	0	21.43	21.58	21.64	21.31	21.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.88	22.94	23.17	22.75	22.83	24	0
10	QPSK	1	25	23.02	23.07	23.04	23.08	23.05		
10	QPSK	1	49	22.96	23.04	23.12	22.86	23.02		
10	QPSK	25	0	22.64	22.84	23.00	22.67	22.73	23.5	0
10	QPSK	25	12	22.88	22.71	22.76	22.82	22.98		
10	QPSK	25	25	22.81	22.91	22.74	22.77	22.90		
10	QPSK	50	0	22.81	22.86	22.98	22.80	22.89		
10	16QAM	1	0	22.72	22.75	22.73	22.50	22.65	23.5	0
10	16QAM	1	25	22.76	22.83	22.72	22.50	22.60		
10	16QAM	1	49	22.72	22.84	22.77	22.63	22.84		
10	16QAM	25	0	22.26	22.52	22.69	22.27	22.41	23.5	0
10	16QAM	25	12	22.50	22.48	22.53	22.65	22.51		
10	16QAM	25	25	22.51	22.56	22.63	22.41	22.61		
10	16QAM	50	0	22.21	22.39	22.53	22.22	22.20		
10	64QAM	1	0	22.44	22.50	22.59	22.29	22.36	23.5	0
10	64QAM	1	25	22.63	22.46	22.54	22.60	22.43		
10	64QAM	1	49	22.43	22.48	22.58	22.18	22.48		
10	64QAM	25	0	22.29	22.54	22.58	22.36	22.30	23.5	0
10	64QAM	25	12	22.46	22.36	22.42	22.50	22.52		
10	64QAM	25	25	22.47	22.67	22.43	22.31	22.58		
10	64QAM	50	0	22.43	22.61	22.53	22.44	22.56		
10	256QAM	1	0	21.59	21.53	21.79	21.56	21.63	23	0.5
10	256QAM	1	25	21.69	21.75	21.69	21.79	21.69		
10	256QAM	1	49	21.68	21.74	21.87	21.58	21.65		
10	256QAM	25	0	21.41	21.56	21.69	21.32	21.35	23	0.5
10	256QAM	25	12	21.55	21.54	21.45	21.50	21.62		
10	256QAM	25	25	21.51	21.65	21.46	21.34	21.54		
10	256QAM	50	0	21.36	21.58	21.56	21.32	21.43		
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	22.86	22.99	23.16	22.82	22.82	24	0
5	QPSK	1	12	22.99	23.04	23.11	23.10	23.10		
5	QPSK	1	24	22.90	23.04	23.12	22.96	23.02		
5	QPSK	12	0	22.75	22.91	22.91	22.59	22.77	23.5	0
5	QPSK	12	7	22.84	22.79	22.73	22.85	22.99		
5	QPSK	12	13	22.82	22.90	22.82	22.75	22.90		
5	QPSK	25	0	22.75	22.85	22.97	22.68	22.88		
5	16QAM	1	0	22.77	22.70	22.74	22.45	22.62	23.5	0
5	16QAM	1	12	22.80	22.83	22.74	22.53	22.62		
5	16QAM	1	24	22.69	22.85	22.83	22.63	22.78		
5	16QAM	12	0	22.28	22.45	22.58	22.31	22.32	23.5	0
5	16QAM	12	7	22.56	22.42	22.54	22.59	22.51		
5	16QAM	12	13	22.45	22.55	22.58	22.39	22.68		
5	16QAM	25	0	22.26	22.40	22.56	22.24	22.19		
5	64QAM	1	0	22.46	22.56	22.55	22.26	22.32	23.5	0
5	64QAM	1	12	22.64	22.48	22.53	22.58	22.50		
5	64QAM	1	24	22.41	22.57	22.53	22.19	22.46		
5	64QAM	12	0	22.39	22.53	22.69	22.32	22.38	23.5	0
5	64QAM	12	7	22.47	22.36	22.37	22.51	22.55		
5	64QAM	12	13	22.55	22.58	22.49	22.31	22.51		
5	64QAM	25	0	22.51	22.50	22.57	22.39	22.54		
5	256QAM	1	0	21.56	21.50	21.79	21.44	21.63	23	0.5
5	256QAM	1	12	21.64	21.66	21.67	21.73	21.66		
5	256QAM	1	24	21.71	21.70	21.79	21.61	21.71		
5	256QAM	12	0	21.47	21.48	21.65	21.39	21.41	23	0.5
5	256QAM	12	7	21.48	21.44	21.33	21.52	21.50		
5	256QAM	12	13	21.42	21.71	21.46	21.34	21.53		
5	256QAM	25	0	21.44	21.50	21.56	21.29	21.43		

Band 2 Ant1 DSI6 Simultaneous Power

BW [MHz]	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	20.37	20.50	20.39	22	0
20	QPSK	1	49	20.28	20.37	20.41		
20	QPSK	1	99	20.34	20.37	20.36		
20	QPSK	50	0	20.38	20.43	20.39		
20	QPSK	50	24	20.26	20.37	20.24	22	0
20	QPSK	50	50	20.28	20.31	20.35		
20	QPSK	100	0	20.31	20.25	20.37		
20	16QAM	1	0	20.31	20.40	20.35		
20	16QAM	1	49	20.26	20.39	20.31	22	0
20	16QAM	1	99	20.31	20.33	20.32		
20	16QAM	50	0	20.24	20.27	20.36		
20	16QAM	50	24	20.33	20.40	20.41	22	0
20	16QAM	50	50	20.19	20.31	20.21		
20	16QAM	100	0	20.24	20.32	20.27		
20	64QAM	1	0	20.20	20.29	20.31		
20	64QAM	1	49	20.19	20.38	20.35	22	0
20	64QAM	1	99	20.37	20.36	20.36		
20	64QAM	50	0	20.19	20.25	20.17		
20	64QAM	50	24	20.21	20.25	20.25	22	0
20	64QAM	50	50	20.20	20.22	20.27		
20	64QAM	100	0	20.16	20.34	20.27		
20	256QAM	1	0	18.95	19.04	18.90		
20	256QAM	1	49	19.23	19.24	19.20	20	2
20	256QAM	1	99	19.36	19.34	19.23		
20	256QAM	50	0	19.02	19.11	18.96		
20	256QAM	50	24	19.21	19.22	19.14	20	2
20	256QAM	50	50	19.31	19.26	19.24		
20	256QAM	100	0	19.15	19.20	19.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.33	20.35	20.38		
15	QPSK	1	37	20.25	20.41	20.37	22	0
15	QPSK	1	74	20.34	20.32	20.35		
15	QPSK	36	0	20.32	20.41	20.35		
15	QPSK	36	20	20.22	20.39	20.22	22	0
15	QPSK	36	39	20.30	20.31	20.35		
15	QPSK	75	0	20.27	20.24	20.31		
15	16QAM	1	0	20.26	20.40	20.31		
15	16QAM	1	37	20.23	20.37	20.27	22	0
15	16QAM	1	74	20.27	20.34	20.30		
15	16QAM	36	0	20.24	20.29	20.40		
15	16QAM	36	20	20.30	20.35	20.38	22	0
15	16QAM	36	39	20.20	20.32	20.20		
15	16QAM	75	0	20.21	20.35	20.23		
15	64QAM	1	0	20.19	20.22	20.28		
15	64QAM	1	37	20.20	20.36	20.36	22	0
15	64QAM	1	74	20.30	20.35	20.27		
15	64QAM	36	0	20.19	20.25	20.17		
15	64QAM	36	20	20.17	20.19	20.28	22	0
15	64QAM	36	39	20.16	20.19	20.31		
15	64QAM	75	0	20.12	20.31	20.27		
15	256QAM	1	0	18.95	19.05	18.86		
15	256QAM	1	37	19.22	19.21	19.20	20	2
15	256QAM	1	74	19.32	19.32	19.21		
15	256QAM	36	0	19.01	19.08	18.96		
15	256QAM	36	20	19.20	19.25	19.12	20	2
15	256QAM	36	39	19.29	19.23	19.23		
15	256QAM	75	0	19.08	19.19	19.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.33	20.41	20.37	22	0
10	QPSK	1	25	20.27	20.38	20.36		
10	QPSK	1	49	20.31	20.28	20.39		
10	QPSK	25	0	20.33	20.44	20.36		
10	QPSK	25	12	20.22	20.36	20.24	22	0
10	QPSK	25	25	20.29	20.29	20.40		
10	QPSK	50	0	20.22	20.26	20.37		
10	16QAM	1	0	20.30	20.38	20.34		
10	16QAM	1	25	20.23	20.38	20.25	22	0
10	16QAM	1	49	20.30	20.30	20.33		
10	16QAM	25	0	20.21	20.28	20.42		
10	16QAM	25	12	20.30	20.38	20.41	22	0
10	16QAM	25	25	20.23	20.32	20.18		
10	16QAM	50	0	20.16	20.32	20.24		
10	64QAM	1	0	20.19	20.22	20.26		
10	64QAM	1	25	20.18	20.33	20.34	22	0
10	64QAM	1	49	20.30	20.33	20.27		
10	64QAM	25	0	20.16	20.24	20.15		
10	64QAM	25	12	20.21	20.18	20.23	22	0
10	64QAM	25	25	20.18	20.21	20.32		
10	64QAM	50	0	20.16	20.29	20.25		
10	256QAM	1	0	18.95	19.05	18.89		
10	256QAM	1	25	19.27	19.23	19.21	20	2
10	256QAM	1	49	19.32	19.30	19.22		
10	256QAM	25	0	19.00	19.10	18.96		
10	256QAM	25	12	19.19	19.24	19.08	20	2
10	256QAM	25	25	19.27	19.29	19.26		
10	256QAM	50	0	19.07	19.15	19.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.35	20.34	20.40	22	0
5	QPSK	1	12	20.27	20.37	20.35		
5	QPSK	1	24	20.34	20.33	20.37		
5	QPSK	12	0	20.34	20.42	20.37		
5	QPSK	12	7	20.26	20.38	20.25	22	0
5	QPSK	12	13	20.26	20.28	20.37		
5	QPSK	25	0	20.23	20.26	20.33		
5	16QAM	1	0	20.25	20.38	20.33		
5	16QAM	1	12	20.24	20.33	20.24	22	0
5	16QAM	1	24	20.30	20.31	20.31		
5	16QAM	12	0	20.21	20.30	20.40		
5	16QAM	12	7	20.31	20.39	20.41	22	0
5	16QAM	12	13	20.18	20.33	20.22		
5	16QAM	25	0	20.17	20.34	20.26		
5	64QAM	1	0	20.19	20.22	20.25		
5	64QAM	1	12	20.17	20.35	20.35	22	0
5	64QAM	1	24	20.33	20.30	20.29		
5	64QAM	12	0	20.14	20.26	20.14		
5	64QAM	12	7	20.16	20.20	20.25	22	0
5	64QAM	12	13	20.17	20.22	20.31		
5	64QAM	25	0	20.10	20.31	20.26		
5	256QAM	1	0	18.96	19.03	18.87		
5	256QAM	1	12	19.26	19.21	19.18	20	2
5	256QAM	1	24	19.30	19.29	19.22		
5	256QAM	12	0	19.01	19.05	18.96		
5	256QAM	12	7	19.18	19.22	19.13	20	2
5	256QAM	12	13	19.28	19.27	19.28		
5	256QAM	25	0	19.11	19.15	19.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.34	20.32	20.36	22	0
3	QPSK	1	8	20.24	20.43	20.36		
3	QPSK	1	14	20.34	20.33	20.40		
3	QPSK	8	0	20.37	20.45	20.36		
3	QPSK	8	4	20.26	20.34	20.27	22	0
3	QPSK	8	7	20.30	20.34	20.37		
3	QPSK	15	0	20.24	20.26	20.34		
3	16QAM	1	0	20.28	20.41	20.30		
3	16QAM	1	8	20.26	20.35	20.25	22	0
3	16QAM	1	14	20.29	20.32	20.30		
3	16QAM	8	0	20.22	20.29	20.38		
3	16QAM	8	4	20.29	20.34	20.42	22	0
3	16QAM	8	7	20.22	20.28	20.21		
3	16QAM	15	0	20.17	20.33	20.26		
3	64QAM	1	0	20.16	20.22	20.25		
3	64QAM	1	8	20.21	20.35	20.35	22	0
3	64QAM	1	14	20.31	20.33	20.28		
3	64QAM	8	0	20.17	20.22	20.18		
3	64QAM	8	4	20.21	20.15	20.29	22	0
3	64QAM	8	7	20.21	20.18	20.27		
3	64QAM	15	0	20.11	20.32	20.23		
3	256QAM	1	0	19.00	19.04	18.86		
3	256QAM	1	8	19.24	19.22	19.18	20	2
3	256QAM	1	14	19.28	19.32	19.18		
3	256QAM	8	0	19.01	19.09	18.97		
3	256QAM	8	4	19.19	19.20	19.12	20	2
3	256QAM	8	7	19.28	19.28	19.23		
3	256QAM	15	0	19.09	19.15	19.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.32	20.41	20.39	22	0
1.4	QPSK	1	3	20.25	20.43	20.36		
1.4	QPSK	1	5	20.30	20.29	20.38		
1.4	QPSK	3	0	20.35	20.40	20.34		
1.4	QPSK	3	1	20.22	20.35	20.21		
1.4	QPSK	3	3	20.26	20.34	20.37		
1.4	QPSK	6	0	20.24	20.24	20.32	22	0
1.4	16QAM	1	0	20.25	20.38	20.32	22	0
1.4	16QAM	1	3	20.25	20.37	20.27		
1.4	16QAM	1	5	20.26	20.34	20.29		
1.4	16QAM	3	0	20.24	20.26	20.41		
1.4	16QAM	3	1	20.32	20.34	20.42		
1.4	16QAM	3	3	20.21	20.31	20.17		
1.4	16QAM	6	0	20.20	20.36	20.27	22	0
1.4	64QAM	1	0	20.19	20.21	20.26	22	0
1.4	64QAM	1	3	20.17	20.37	20.32		
1.4	64QAM	1	5	20.33	20.36	20.33		
1.4	64QAM	3	0	20.16	20.23	20.19		
1.4	64QAM	3	1	20.21	20.18	20.26		
1.4	64QAM	3	3	20.18	20.18	20.28		
1.4	64QAM	6	0	20.11	20.31	20.22	22	0
1.4	256QAM	1	0	18.98	19.02	18.90	20	2
1.4	256QAM	1	3	19.26	19.21	19.16		
1.4	256QAM	1	5	19.29	19.32	19.22		
1.4	256QAM	3	0	19.04	19.05	18.96		
1.4	256QAM	3	1	19.19	19.22	19.10		
1.4	256QAM	3	3	19.27	19.27	19.27		
1.4	256QAM	6	0	19.12	19.16	19.27	20	2

Band 4 Ant1 DSI6 Simultaneous Power

BW [MHz]	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	18.31	18.49	18.22	19.9	0
20	QPSK	1	49	18.22	18.39	18.15		
20	QPSK	1	99	18.18	18.16	18.32		
20	QPSK	50	0	18.23	18.44	18.20		
20	QPSK	50	24	18.43	18.20	18.15	19.9	0
20	QPSK	50	50	18.29	18.34	18.38		
20	QPSK	100	0	18.18	18.37	18.27		
20	16QAM	1	0	18.24	18.37	18.42		
20	16QAM	1	49	18.38	18.40	18.47	19.9	0
20	16QAM	1	99	18.04	18.15	18.22		
20	16QAM	50	0	18.25	18.26	18.24		
20	16QAM	50	24	18.33	18.45	18.29	19.9	0
20	16QAM	50	50	18.20	18.45	18.42		
20	16QAM	100	0	18.43	18.30	18.25		
20	64QAM	1	0	18.23	18.33	18.25		
20	64QAM	1	49	18.38	18.36	18.16	19.9	0
20	64QAM	1	99	18.41	18.17	18.24		
20	64QAM	50	0	18.23	18.25	18.36		
20	64QAM	50	24	18.39	18.41	18.43	19.9	0
20	64QAM	50	50	18.46	18.41	18.42		
20	64QAM	100	0	18.39	18.40	18.43		
20	256QAM	1	0	18.30	18.36	18.45		
20	256QAM	1	49	18.26	18.46	18.48	19.9	0
20	256QAM	1	99	18.30	18.41	18.29		
20	256QAM	50	0	18.33	18.44	18.32		
20	256QAM	50	24	18.30	18.18	18.41	19.9	0
20	256QAM	50	50	18.34	18.33	18.29		
20	256QAM	100	0	18.30	18.29	18.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.33	18.44	18.28	19.9	0
15	QPSK	1	37	18.47	18.23	18.26		
15	QPSK	1	74	18.30	18.32	18.40		
15	QPSK	36	0	18.13	18.41	18.48		
15	QPSK	36	20	18.36	18.25	18.32		
15	QPSK	36	39	18.38	18.42	18.26		
15	QPSK	75	0	18.21	18.27	18.22		
15	16QAM	1	0	18.18	18.43	18.29		
15	16QAM	1	37	18.45	18.25	18.31	19.9	0
15	16QAM	1	74	18.11	18.23	18.10		
15	16QAM	36	0	18.38	18.22	18.41		
15	16QAM	36	20	18.39	18.31	18.28	19.9	0
15	16QAM	36	39	18.28	18.25	18.35		
15	16QAM	75	0	18.33	18.47	18.31		
15	64QAM	1	0	18.27	18.35	18.41		
15	64QAM	1	37	18.39	18.33	18.39	19.9	0
15	64QAM	1	74	18.47	18.38	18.32		
15	64QAM	36	0	18.40	18.29	18.40		
15	64QAM	36	20	18.48	18.42	18.42	19.9	0
15	64QAM	36	39	18.35	18.22	18.27		
15	64QAM	75	0	18.42	18.21	18.25		
15	256QAM	1	0	18.42	18.27	18.21		
15	256QAM	1	37	18.19	18.46	18.32	19.9	0
15	256QAM	1	74	18.22	18.32	18.28		
15	256QAM	36	0	18.07	18.45	18.26		
15	256QAM	36	20	18.27	18.38	18.47	19.9	0
15	256QAM	36	39	18.28	18.29	18.23		
15	256QAM	75	0	18.18	18.23	18.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.14	18.31	18.33	19.9	0
10	QPSK	1	25	18.27	18.15	18.39		
10	QPSK	1	49	18.27	18.20	18.16		
10	QPSK	25	0	18.25	18.31	18.19		
10	QPSK	25	12	18.45	18.39	18.34	19.9	0
10	QPSK	25	25	18.29	18.32	18.26		
10	QPSK	50	0	18.21	18.26	18.37		
10	16QAM	1	0	18.18	18.41	18.47		
10	16QAM	1	25	18.41	18.29	18.28	19.9	0
10	16QAM	1	49	18.02	18.18	18.05		
10	16QAM	25	0	18.39	18.31	18.44		
10	16QAM	25	12	18.31	18.26	18.47	19.9	0
10	16QAM	25	25	18.37	18.25	18.21		
10	16QAM	50	0	18.42	18.46	18.39		
10	64QAM	1	0	18.39	18.47	18.33		
10	64QAM	1	25	18.43	18.29	18.37	19.9	0
10	64QAM	1	49	18.40	18.18	18.45		
10	64QAM	25	0	18.28	18.32	18.28		
10	64QAM	25	12	18.47	18.44	18.34	19.9	0
10	64QAM	25	25	18.32	18.37	18.33		
10	64QAM	50	0	18.32	18.36	18.25		
10	256QAM	1	0	18.26	18.39	18.25		
10	256QAM	1	25	18.26	18.44	18.37	19.9	0
10	256QAM	1	49	18.31	18.23	18.34		
10	256QAM	25	0	18.25	18.32	18.34		
10	256QAM	25	12	18.35	18.24	18.39	19.9	0
10	256QAM	25	25	18.40	18.38	18.04		
10	256QAM	50	0	18.14	18.38	18.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.16	18.40	18.41	19.9	0
5	QPSK	1	12	18.37	18.20	18.41		
5	QPSK	1	24	18.21	18.22	18.33		
5	QPSK	12	0	18.18	18.29	18.39		
5	QPSK	12	7	18.24	18.38	18.29	19.9	0
5	QPSK	12	13	18.38	18.16	18.22		
5	QPSK	25	0	18.40	18.37	18.18		
5	16QAM	1	0	18.22	18.21	18.25		
5	16QAM	1	12	18.24	18.44	18.30	19.9	0
5	16QAM	1	24	18.01	18.16	18.27		
5	16QAM	12	0	18.38	18.32	18.48		
5	16QAM	12	7	18.26	18.44	18.47	19.9	0
5	16QAM	12	13	18.19	18.21	18.26		
5	16QAM	25	0	18.27	18.26	18.40		
5	64QAM	1	0	18.37	18.30	18.46		
5	64QAM	1	12	18.27	18.19	18.23	19.9	0
5	64QAM	1	24	18.42	18.28	18.28		
5	64QAM	12	0	18.20	18.41	18.35		
5	64QAM	12	7	18.41	18.24	18.42	19.9	0
5	64QAM	12	13	18.45	18.37	18.25		
5	64QAM	25	0	18.25	18.46	18.28		
5	256QAM	1	0	18.29	18.25	18.41		
5	256QAM	1	12	18.20	18.35	18.20	19.9	0
5	256QAM	1	24	18.29	18.20	18.16		
5	256QAM	12	0	18.19	18.42	18.28		
5	256QAM	12	7	18.27	18.14	18.36	19.9	0
5	256QAM	12	13	18.13	18.25	18.18		
5	256QAM	25	0	18.14	18.35	18.24		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.09	18.29	18.31	19.9	0
3	QPSK	1	8	18.40	18.26	18.29		
3	QPSK	1	14	18.43	18.34	18.40		
3	QPSK	8	0	18.27	18.35	18.27		
3	QPSK	8	4	18.37	18.25	18.19	19.9	0
3	QPSK	8	7	18.36	18.31	18.23		
3	QPSK	15	0	18.24	18.47	18.26		
3	16QAM	1	0	18.20	18.37	18.42		
3	16QAM	1	8	18.22	18.42	18.35	19.9	0
3	16QAM	1	14	18.09	18.10	18.26		
3	16QAM	8	0	18.24	18.28	18.30		
3	16QAM	8	4	18.32	18.31	18.36	19.9	0
3	16QAM	8	7	18.30	18.29	18.44		
3	16QAM	15	0	18.47	18.42	18.40		
3	64QAM	1	0	18.24	18.39	18.31	19.9	0
3	64QAM	1	8	18.26	18.15	18.18		
3	64QAM	1	14	18.42	18.26	18.39		
3	64QAM	8	0	18.28	18.35	18.31		
3	64QAM	8	4	18.33	18.45	18.32	19.9	0
3	64QAM	8	7	18.47	18.22	18.32		
3	64QAM	15	0	18.33	18.21	18.27		
3	256QAM	1	0	18.28	18.33	18.31	19.9	0
3	256QAM	1	8	18.30	18.45	18.46		
3	256QAM	1	14	18.29	18.25	18.30		
3	256QAM	8	0	18.21	18.37	18.23		
3	256QAM	8	4	18.25	18.35	18.38	19.9	0
3	256QAM	8	7	18.29	18.17	18.10		
3	256QAM	15	0	18.27	18.29	18.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.09	18.29	18.31	19.9	0
1.4	QPSK	1	3	18.40	18.26	18.29		
1.4	QPSK	1	5	18.43	18.34	18.40		
1.4	QPSK	3	0	18.27	18.35	18.27		
1.4	QPSK	3	1	18.37	18.25	18.19		
1.4	QPSK	3	3	18.36	18.31	18.23		
1.4	QPSK	6	0	18.24	18.47	18.26	19.9	0
1.4	16QAM	1	0	18.20	18.37	18.42	19.9	0
1.4	16QAM	1	3	18.22	18.42	18.35		
1.4	16QAM	1	5	18.09	18.10	18.26		
1.4	16QAM	3	0	18.24	18.28	18.30		
1.4	16QAM	3	1	18.32	18.31	18.36		
1.4	16QAM	3	3	18.30	18.29	18.44		
1.4	16QAM	6	0	18.47	18.42	18.40	19.9	0
1.4	64QAM	1	0	18.24	18.39	18.31	19.9	0
1.4	64QAM	1	3	18.26	18.15	18.18		
1.4	64QAM	1	5	18.42	18.26	18.39		
1.4	64QAM	3	0	18.28	18.35	18.31		
1.4	64QAM	3	1	18.33	18.45	18.32		
1.4	64QAM	3	3	18.47	18.22	18.32		
1.4	64QAM	6	0	18.33	18.21	18.27	19.9	0
1.4	256QAM	1	0	18.28	18.33	18.31	19.9	0
1.4	256QAM	1	3	18.30	18.45	18.46		
1.4	256QAM	1	5	18.29	18.25	18.30		
1.4	256QAM	3	0	18.21	18.37	18.23		
1.4	256QAM	3	1	18.25	18.35	18.38		
1.4	256QAM	3	3	18.29	18.17	18.10		
1.4	256QAM	6	0	18.27	18.29	18.09	19.9	0

Band 7 Ant1 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.09	18.15	18.11	19.2	0
20	QPSK	1	49	18.06	17.91	17.89		
20	QPSK	1	99	18.05	17.97	18.07		
20	QPSK	50	0	17.72	18.00	17.78		
20	QPSK	50	24	17.78	17.80	17.90	19.2	0
20	QPSK	50	50	17.74	17.84	17.90		
20	QPSK	100	0	17.76	17.94	17.90		
20	16QAM	1	0	17.64	17.65	17.62		
20	16QAM	1	49	17.66	17.74	17.81	19.2	0
20	16QAM	1	99	17.75	17.80	17.85		
20	16QAM	50	0	17.69	17.70	17.73		
20	16QA

Band 25 Ant1 DSI6 Simultaneous Power

BW [MHz]	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	20.51	20.66	20.50		
20	QPSK	1	49	20.43	20.52	20.51	22	0
20	QPSK	1	99	20.45	20.44	20.51		
20	QPSK	50	0	20.50	20.55	20.51		
20	QPSK	50	24	20.37	20.51	20.40	22	0
20	QPSK	50	50	20.42	20.45	20.49		
20	QPSK	100	0	20.33	20.37	20.31		
20	16QAM	1	0	20.43	20.53	20.48		
20	16QAM	1	49	20.40	20.51	20.42	22	0
20	16QAM	1	99	20.42	20.48	20.45		
20	16QAM	50	0	20.40	20.42	20.52		
20	16QAM	50	24	20.46	20.54	20.53	22	0
20	16QAM	50	50	20.34	20.44	20.35		
20	16QAM	100	0	20.36	20.46	20.42		
20	64QAM	1	0	20.35	20.39	20.42		
20	64QAM	1	49	20.34	20.50	20.49	22	0
20	64QAM	1	99	20.48	20.50	20.47		
20	64QAM	50	0	20.31	20.40	20.32		
20	64QAM	50	24	20.35	20.36	20.39	22	0
20	64QAM	50	50	20.32	20.34	20.41		
20	64QAM	100	0	20.27	20.45	20.42		
20	256QAM	1	0	17.70	17.75	17.63		
20	256QAM	1	49	17.99	17.99	17.94	19	3
20	256QAM	1	99	18.06	18.07	17.98		
20	256QAM	50	0	17.76	17.82	17.69		
20	256QAM	50	24	17.96	17.96	17.86	19	3
20	256QAM	50	50	18.05	18.00	18.00		
20	256QAM	100	0	17.88	17.94	18.01		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.49	20.49	20.46		
15	QPSK	1	37	20.44	20.50	20.51	22	0
15	QPSK	1	74	20.44	20.43	20.51		
15	QPSK	36	0	20.49	20.52	20.49		
15	QPSK	36	20	20.33	20.50	20.35	22	0
15	QPSK	36	39	20.37	20.45	20.44		
15	QPSK	75	0	20.43	20.38	20.49		
15	16QAM	1	0	20.43	20.51	20.49		
15	16QAM	1	37	20.40	20.47	20.43	22	0
15	16QAM	1	74	20.43	20.45	20.41		
15	16QAM	36	0	20.37	20.40	20.48		
15	16QAM	36	20	20.42	20.50	20.49	22	0
15	16QAM	36	39	20.29	20.45	20.33		
15	16QAM	75	0	20.33	20.45	20.38		
15	64QAM	1	0	20.33	20.34	20.38		
15	64QAM	1	37	20.30	20.49	20.46	22	0
15	64QAM	1	74	20.44	20.47	20.44		
15	64QAM	36	0	20.29	20.36	20.30		
15	64QAM	36	20	20.32	20.32	20.34	22	0
15	64QAM	36	39	20.30	20.35	20.38		
15	64QAM	75	0	20.27	20.44	20.38		
15	256QAM	1	0	17.70	17.72	17.64		
15	256QAM	1	37	17.99	17.95	17.90	19	3
15	256QAM	1	74	18.05	18.06	17.96		
15	256QAM	36	0	17.73	17.81	17.66		
15	256QAM	36	20	17.97	17.95	17.83	19	3
15	256QAM	36	39	18.06	18.00	17.98		
15	256QAM	75	0	17.89	17.94	17.98		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.48	20.54	20.46		
10	QPSK	1	25	20.41	20.52	20.48	22	0
10	QPSK	1	49	20.43	20.41	20.52		
10	QPSK	25	0	20.51	20.54	20.48		
10	QPSK	25	12	20.32	20.51	20.40	22	0
10	QPSK	25	25	20.42	20.41	20.49		
10	QPSK	50	0	20.44	20.34	20.49		
10	16QAM	1	0	20.42	20.53	20.43		
10	16QAM	1	25	20.37	20.49	20.42	22	0
10	16QAM	1	49	20.38	20.44	20.41		
10	16QAM	25	0	20.35	20.42	20.52		
10	16QAM	25	12	20.42	20.53	20.50	22	0
10	16QAM	25	25	20.30	20.40	20.34		
10	16QAM	50	0	20.32	20.43	20.39		
10	64QAM	1	0	20.33	20.40	20.38		
10	64QAM	1	25	20.31	20.51	20.48	22	0
10	64QAM	1	49	20.45	20.46	20.47		
10	64QAM	25	0	20.31	20.35	20.29		
10	64QAM	25	12	20.35	20.33	20.34	22	0
10	64QAM	25	25	20.31	20.35	20.37		
10	64QAM	50	0	20.23	20.45	20.41		
10	256QAM	1	0	17.70	17.74	17.63		
10	256QAM	1	25	17.97	17.96	17.91	19	3
10	256QAM	1	49	18.05	18.04	17.94		
10	256QAM	25	0	17.77	17.80	17.67		
10	256QAM	25	12	17.93	17.94	17.81	19	3
10	256QAM	25	25	18.03	17.96	17.97		
10	256QAM	50	0	17.88	17.92	17.99		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.47	20.62	20.49		
5	QPSK	1	12	20.43	20.51	20.51	22	0
5	QPSK	1	24	20.40	20.41	20.48		
5	QPSK	12	0	20.46	20.51	20.50		
5	QPSK	12	7	20.35	20.46	20.38	22	0
5	QPSK	12	13	20.39	20.46	20.46		
5	QPSK	25	0	20.40	20.33	20.48		
5	16QAM	1	0	20.40	20.51	20.49		
5	16QAM	1	12	20.37	20.49	20.39	22	0
5	16QAM	1	24	20.42	20.45	20.45		
5	16QAM	12	0	20.40	20.41	20.47		
5	16QAM	12	7	20.45	20.50	20.51	22	0
5	16QAM	12	13	20.32	20.42	20.34		
5	16QAM	25	0	20.37	20.45	20.37		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.29	20.45	20.47	22	0
5	64QAM	1	24	20.47	20.47	20.43		
5	64QAM	12	0	20.31	20.40	20.30		
5	64QAM	12	7	20.36	20.33	20.34	22	0
5	64QAM	12	13	20.29	20.31	20.39		
5	64QAM	25	0	20.22	20.41	20.42		
5	256QAM	1	0	17.68	17.76	17.64		
5	256QAM	1	12	17.99	17.99	17.93	19	3
5	256QAM	1	24	18.01	18.07	17.94		
5	256QAM	12	0	17.76	17.78	17.68		
5	256QAM	12	7	17.95	17.94	17.87	19	3
5	256QAM	12	13	18.02	17.96	18.00		
5	256QAM	25	0	17.86	17.90	17.99		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.51	20.65	20.45		
3	QPSK	1	8	20.40	20.52	20.48	22	0
3	QPSK	1	14	20.42	20.41	20.50		
3	QPSK	8	0	20.50	20.53	20.51		
3	QPSK	8	4	20.36	20.47	20.38	22	0
3	QPSK	8	7	20.41	20.43	20.47		
3	QPSK	15	0	20.42	20.36	20.46		
3	16QAM	1	0	20.38	20.53	20.46		
3	16QAM	1	8	20.38	20.50	20.37	22	0
3	16QAM	1	14	20.40	20.43	20.45		
3	16QAM	8	0	20.39	20.37	20.47		
3	16QAM	8	4	20.45	20.51	20.51	22	0
3	16QAM	8	7	20.30	20.45	20.32		
3	16QAM	15	0	20.31	20.44	20.43		
3	64QAM	1	0	20.36	20.39	20.41		
3	64QAM	1	8	20.32	20.46	20.47	22	0
3	64QAM	1	14	20.47	20.48	20.44		
3	64QAM	8	0	20.29	20.39	20.32		
3	64QAM	8	4	20.31	20.34	20.40	22	0
3	64QAM	8	7	20.29	20.32	20.38		
3	64QAM	15	0	20.27	20.45	20.43		
3	256QAM	1	0	17.66	17.71	17.62		
3	256QAM	1	8	17.99	17.96	17.93	19	3
3	256QAM	1	14	18.07	18.07	17.96		
3	256QAM	8	0	17.72	17.78	17.70		
3	256QAM	8	4	17.91	17.95	17.85	19	3
3	256QAM	8	7	18.04	17.97	17.98		
3	256QAM	15	0	17.86	17.93	18.01		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.46	20.65	20.50		
1.4	QPSK	1	3	20.42	20.52	20.48		
1.4	QPSK	1	5	20.44	20.41	20.48	22	0
1.4	QPSK	3	0	20.48	20.56	20.46		
1.4	QPSK	3	1	20.35	20.52	20.41		
1.4	QPSK	3	3	20.43	20.45	20.46		
1.4	QPSK	6	0	20.40	20.37	20.47	22	0
1.4	16QAM	1	0	20.42	20.52	20.44		
1.4	16QAM	1	3	20.39	20.48	20.41		
1.4	16QAM	1	5	20.40	20.47	20.45	22	0
1.4	16QAM	3	0	20.38	20.40	20.49		
1.4	16QAM	3	1	20.44	20.54	20.52		
1.4	16QAM	3	3	20.34	20.42	20.31		
1.4	16QAM	6	0	20.35	20.42	20.40	22	0
1.4	64QAM	1	0	20.33	20.38	20.43		
1.4	64QAM	1	3	20.32	20.45	20.47		
1.4	64QAM	1	5	20.45	20.50	20.42	22	0
1.4	64QAM	3	0	20.30	20.37	20.28		
1.4	64QAM	3	1	20.33	20.31	20.37		
1.4	64QAM	3	3	20.29	20.34	20.38		
1.4	64QAM	6	0	20.24	20.43	20.42	22	0
1.4	256QAM	1	0	17.70	17.72	17.58		
1.4	256QAM	1	3	17.98	17.95	17.93		
1.4	256QAM	1	5	18.04	18.02	17.95	19	3
1.4	256QAM	3	0	17.74	17.83	17.64		
1.4	256QAM	3	1	17.91	17.94	17.83		
1.4	256QAM	3	3	18.02	18.01	17.96		
1.4	256QAM	6	0	17.85	17.92	17.99	19	3

Band 66 Ant1 DSI6 Simultaneous Power

BW [MHz]	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	18.32	18.52	18.44		
20	QPSK	1	49	18.44	18.39	18.36	19.9	0
20	QPSK	1	99	18.41	18.34	18.36		
20	QPSK	50	0	18.37	18.47	18.44		
20	QPSK	50	24	18.41	18.45	18.33	19.9	0
20	QPSK	50	50	18.39	18.40	18.39		
20	QPSK	100	0	18.39	18.43	18.42		
20	16QAM	1	0	18.39	18.44	18.44		
20	16QAM	1	49	18.44	18.49	18.48	19.9	0
20	16QAM	1	99	18.22	18.30	18.29		
20	16QAM	50	0	18.39	18.46	18.48		
20	16QAM	50	24	18.49	18.50	18.49	19.9	0
20	16QAM	50	50	18.44	18.41	18.41		
20	16QAM	100	0	18.46	18.44	18.46		
20	64QAM	1	0	18.35	18.50	18.48		
20	64QAM	1	49	18.49	18.33	18.39	19.9	0
20	64QAM	1	99	18.47	18.36	18.48		
20	64QAM	50	0	18.41	18.48	18.48		
20	64QAM	50	24	18.49	18.47	18.49	19.9	0
20	64QAM	50	50	18.42	18.42	18.38		
20	64QAM	100	0	18.47	18.44	18.44		
20	256QAM	1	0	17.35	17.60	17.39		
20	256QAM	1	49	17.56	17.42	17.49	18	1.9
20	256QAM	1	99	17.16	17.30	17.35		
20	256QAM	50	0	16.92	17.04	17.02		
20	256QAM	50	24	17.10	17.11	16.96	18	1.9
20	256QAM	50	50	16.92	16.93	17.00		
20	256QAM	100	0	17.02	17.01	16.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.21	18.38	18.33		
15	QPSK	1	37	18.45	18.21	18.39	19.9	0
15	QPSK	1	74	18.27	18.09	18.16		
15	QPSK	36	0	18.38	18.30	18.26		
15	QPSK	36	20	18.23	18.26	18.10	19.9	0
15	QPSK	36	39	18.36	18.41	18.29		
15	QPSK	75	0	18.32	18.26	18.24		
15	16QAM	1	0	18.14	18.28	18.19		
15	16QAM	1	37	18.36	18.34	18.38	19.9	0
15	16QAM	1	74	18.05	18.09	18.05		
15	16QAM	36	0	18.25	18.21	18.28		
15	16QAM	36	20	18.40	18.29	18.27	19.9	0
15	16QAM	36	39	18.44	18.18	18.35		
15	16QAM	75	0	18.26	18.39	18.29		
15	64QAM	1	0	18.36	18.37	18.42		
15	64QAM	1	37	18.44	18.33	18.15	19.9	0
15	64QAM	1	74	18.41	18.20	18.28		
15	64QAM	36	0	18.39	18.27	18.51		
15	64QAM	36	20	18.25	18.30	18.38	19.9	0
15	64QAM	36	39	18.33	18.42	18.42		
15	64QAM	75	0	18.47	18.41	18.24		
15	256QAM	1	0	17.35	17.59	17.36		
15	256QAM	1	37	17.59	17.44	17.50	18	1.9
15	256QAM	1	74	17.13	17.30	17.35		
15	256QAM	36	0	16.90	17.03	17.02		
15	256QAM	36	20	17.10	17.10	16.96	18	1.9
15	256QAM	36	39	16.91	17.01	17.01		
15	256QAM	75	0	17.00	17.00	16.86		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.14	18.46	18.36		
10	QPSK	1	25	18.26	18.35	18.19	19.9	0
10	QPSK	1	49	18.29	18.11	18.13		
10	QPSK	25	0	18.22	18.44	18.39		
10	QPSK	25	12	18.46	18.35	18.23	19.9	0
10	QPSK	25	25	18.34	18.40	18.18		
10	QPSK	50	0	18.40	18.27	18.41		
10	16QAM	1	0	18.25	18.39	18.20		
10	16QAM	1	25	18.28	18.43	18.27	19.9	0
10	16QAM	1	49	18.20	18.13	18.09		
10	16QAM	25	0	18.17	18.32	18.25		
10	16QAM	25	12	18.43	18.27	18.30	19.9	0
10	16QAM	25	25	18.35	18.46	18.45		
10	16QAM	50	0	18.40	18.31	18.51		
10	64QAM	1	0	18.36	18.32	18.42		
10	64QAM	1	25	18.38	18.09	18.33	19.9	0
10	64QAM	1	49	18.49	18.19	18.45		
10	64QAM	25	0	18.21	18.39	18.49		
10	64QAM	25	12	18.27	18.41	18.24	19.9	0
10	64QAM	25	25	18.41	18.29	18.18		
10	64QAM	50	0	18.29	18.46	18.32		
10	256QAM	1	0	17.44	17.63	17.43		
10	256QAM	1	25	17.71	17.38	17.53	18	1.9
10	256QAM	1	49	17.35	17.37	17.28		
10	256QAM	25	0	16.77	17.04	17.03		
10	256QAM	25	12	17.20	17.11	16.91	18	1.9
10	256QAM	25	25	16.79	16.96	16.90		
10	256QAM	50	0	17.07	17.01	16.92		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.36	18.51	18.31		
5	QPSK	1	12	18.45	18.40	18.34	19.9	0
5	QPSK	1	24	18.19	18.14	18.27		
5	QPSK	12	0	18.35	18.23	18.27		
5	QPSK	12	7	18.17	18.25	18.26	19.9	0
5	QPSK	12	13	18.25	18.34	18.30		
5	QPSK	25	0	18.17	18.41	18.18		
5	16QAM	1	0	18.36	18.41	18.35		
5	16QAM	1	12	18.48	18.37	18.29	19.9	0
5	16QAM	1	24	18.21	18.16	18.16		
5	16QAM	12	0	18.41	18.43	18.38		
5	16QAM	12	7	18.30	18.50	18.26	19.9	0
5	16QAM	12	13	18.36	18.16	18.22		
5	16QAM	25	0	18.27	18.34	18.50		
5	64QAM	1	0	18.10	18.41	18.32		
5	64QAM	1	12	18.44	18.36	18.26	19.9	0
5	64QAM	1	24	18.34	18.38	18.50		
5	64QAM	12	0	18.39	18.47	18.38		
5	64QAM	12	7	18.47	18.49	18.48	19.9	0
5	64QAM	12	13	18.27	18.42	18.23		
5	64QAM	25	0	18.42	18.25	18.39		
5	256QAM	1	0	17.26	17.60	17.25		
5	256QAM	1	12	17.69	17.35	17.64	18	1.9
5	256QAM	1	24	17.56	17.27	17.45		
5	256QAM	12	0	17.02	17.10	17.04		
5	256QAM	12	7	17.04	17.14	16.97	18	1.9
5	256QAM	12	13	16.95	16.84	16.97		
5	256QAM	25	0	17.00	16.89	16.94		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.20	18.44	18.23		
3	QPSK	1	8	18.31	18.36	18.38	19.9	0
3	QPSK	1	14	18.21	18.09	18.31		
3	QPSK	8	0	18.42	18.34	18.21		
3	QPSK	8	4	18.44	18.30	18.21	19.9	0
3	QPSK	8	7	18.15	18.40	18.24		
3	QPSK	15	0	18.29	18.46	18.21		
3	16QAM	1	0	18.30	18.41	18.37		
3	16QAM	1	8	18.22	18.50	18.40	19.9	0
3	16QAM	1	14	18.25	18.30	18.22		
3	16QAM	8	0	18.14	18.34	18.49		
3	16QAM	8	4	18.38	18.30	18.25	19.9	0
3	16QAM	8	7	18.21	18.23	18.31		
3	16QAM	15	0	18.35	18.25	18.32		
3	64QAM	1	0	18.37	18.43	18.37		
3	64QAM	1	8	18.51	18.20	18.23	19.9	0
3	64QAM	1	14	18.41	18.26	18.40		
3	64QAM	8	0	18.21	18.27	18.38		
3	64QAM	8	4	18.38	18.40	18.38	19.9	0
3	64QAM	8	7	18.44	18.44	18.16		
3	64QAM	15	0	18.48	18.29	18.21		
3	256QAM	1	0	17.48	17.50	17.34		
3	256QAM	1	8	17.55	17.32	17.62	18	1.9
3	256QAM	1	14	17.20	17.24	17.47		
3	256QAM	8	0	16.90	17.09	17.11		
3	256QAM	8	4	17.15	17.25	16.93	18	1.9
3	256QAM	8	7	16.82	17.05	17.09		
3	256QAM	15	0	16.97	17.03	16.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.24	18.32	18.20		
1.4	QPSK	1	3	18.37	18.31	18.16		
1.4	QPSK	1	5	18.16	18.11	18.34	19.9	0
1.4	QPSK	3	0	18.40	18.39	18.39		
1.4	QPSK	3	1	18.29	18.45	18.26		
1.4	QPSK	3	3	18.44	18.28	18.26		
1.4	QPSK	6	0	18.43	18.16	18.37	19.9	0
1.4	16QAM	1	0	18.20	18.31	18.42		
1.4	16QAM	1	3	18.32	18.46	18.49		
1.4	16QAM	1	5	18.20	18.15	18.25	19.9	0
1.4	16QAM	3	0	18.28	18.42	18.45		
1.4	16QAM	3	1	18.43	18.43	18.48		
1.4	16QAM	3	3	18.24	18.19	18.38		
1.4	16QAM	6	0	18.43	18.28	18.50	19.9	0
1.4	64QAM	1	0	18.19	18.48	18.43		
1.4	64QAM	1	3	18.47	18.23	18.17		
1.4	64QAM	1	5	18.49	18.22	18.26	19.9	0
1.4	64QAM	3	0	18.41	18.34	18.27		
1.4	64QAM	3	1	18.43	18.24	18.47		
1.4	64QAM	3	3	18.45	18.36	18.17		
1.4	64QAM	6	0	18.23	18.21	18.45	19.9	0
1.4	256QAM	1	0	17.33	17.59	17.49		
1.4	256QAM	1	3	17.50	17.49	17.51		
1.4	256QAM	1	5	17.11	17.29	17.30	18	1.9
1.4	256QAM	3	0	16.88	17.12	16.96		
1.4	256QAM	3	1	17.14	17.18	16.92		
1.4	256QAM	3	3	16.89	16.79	16.92		
1.4	256QAM	6	0	17.03	17.01	16.75	18	1.9

Band 38 Ant1 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.35	20.51	20.32	21.8	0
20	QPSK	1	49	20.25	20.38	20.39		
20	QPSK	1	99	20.33	20.35	20.29		
20	QPSK	50	0	20.25	20.48	20.34	21.8	0
20	QPSK	50	24	20.42	20.27	20.36		
20	QPSK	50	50	20.39	20.41	20.26		
20	QPSK	100	0	20.38	20.43	20.24		
20	16QAM	1	0	20.23	20.30	20.32	21.8	0
20	16QAM	1	49	20.38	20.39	20.30		
20	16QAM	1	99	20.42	20.41	20.36		
20	16QAM	50	0	20.24	20.27	20.31	21.8	0
20	16QAM	50	24	20.38	20.32	20.27		
20	16QAM	50	50	20.37	20.39	20.26		
20	16QAM	100	0	20.38	20.34	20.39		
20	64QAM	1	0	20.21	20.22	20.28	21.8	0
20	64QAM	1	49	20.40	20.39	20.37		
20	64QAM	1	99	20.33	20.36	20.30		
20	64QAM	50	0	20.25	20.23	20.31	21.8	0
20	64QAM	50	24	20.38	20.35	20.23		
20	64QAM	50	50	20.26	20.26	20.36		
20	64QAM	100	0	20.34	20.37	20.23		
20	256QAM	1	0	20.23	20.20	20.28	21.8	0
20	256QAM	1	49	20.46	20.37	20.36		
20	256QAM	1	99	20.36	20.35	20.29		
20	256QAM	50	0	20.30	20.27	20.34	21.8	0
20	256QAM	50	24	20.40	20.37	20.25		
20	256QAM	50	50	20.29	20.37	20.30		
20	256QAM	100	0	20.35	20.40	20.22		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.33	20.46	20.28	21.8	0
15	QPSK	1	37	20.20	20.36	20.38		
15	QPSK	1	74	20.31	20.32	20.25		
15	QPSK	36	0	20.22	20.45	20.32	21.8	0
15	QPSK	36	20	20.37	20.23	20.34		
15	QPSK	36	39	20.34	20.37	20.22		
15	QPSK	75	0	20.37	20.39	20.23		
15	16QAM	1	0	20.21	20.26	20.28	21.8	0
15	16QAM	1	37	20.33	20.35	20.28		
15	16QAM	1	74	20.39	20.37	20.35		
15	16QAM	36	0	20.23	20.24	20.27	21.8	0
15	16QAM	36	20	20.36	20.28	20.24		
15	16QAM	36	39	20.35	20.35	20.23		
15	16QAM	75	0	20.37	20.31	20.36		
15	64QAM	1	0	20.17	20.20	20.24	21.8	0
15	64QAM	1	37	20.38	20.35	20.34		
15	64QAM	1	74	20.30	20.31	20.26		
15	64QAM	36	0	20.23	20.22	20.29	21.8	0
15	64QAM	36	20	20.36	20.31	20.20		
15	64QAM	36	39	20.23	20.24	20.31		
15	64QAM	75	0	20.31	20.33	20.20		
15	256QAM	1	0	20.21	20.18	20.25	21.8	0
15	256QAM	1	37	20.41	20.33	20.34		
15	256QAM	1	74	20.32	20.33	20.25		
15	256QAM	36	0	20.26	20.24	20.33	21.8	0
15	256QAM	36	20	20.36	20.36	20.24		
15	256QAM	36	39	20.24	20.34	20.26		
15	256QAM	75	0	20.33	20.36	20.21		
Channel				37500	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.33	20.49	20.30	21.8	0
10	QPSK	1	25	20.22	20.35	20.34		
10	QPSK	1	49	20.29	20.31	20.27		
10	QPSK	25	0	20.20	20.46	20.32	21.8	0
10	QPSK	25	12	20.38	20.25	20.33		
10	QPSK	25	25	20.35	20.36	20.23		
10	QPSK	50	0	20.35	20.40	20.21		
10	16QAM	1	0	20.20	20.28	20.29	21.8	0
10	16QAM	1	25	20.36	20.36	20.29		
10	16QAM	1	49	20.37	20.39	20.34		
10	16QAM	25	0	20.21	20.25	20.26	21.8	0
10	16QAM	25	12	20.34	20.28	20.24		
10	16QAM	25	25	20.33	20.37	20.25		
10	16QAM	50	0	20.36	20.30	20.35		
10	64QAM	1	0	20.19	20.21	20.24	21.8	0
10	64QAM	1	25	20.38	20.35	20.35		
10	64QAM	1	49	20.32	20.32	20.28		
10	64QAM	25	0	20.20	20.21	20.29	21.8	0
10	64QAM	25	12	20.34	20.34	20.21		
10	64QAM	25	25	20.23	20.24	20.32		
10	64QAM	50	0	20.32	20.35	20.21		
10	256QAM	1	0	20.22	20.16	20.27	21.8	0
10	256QAM	1	25	20.43	20.32	20.33		
10	256QAM	1	49	20.34	20.31	20.27		
10	256QAM	25	0	20.25	20.25	20.29	21.8	0
10	256QAM	25	12	20.38	20.33	20.22		
10	256QAM	25	25	20.27	20.34	20.26		
10	256QAM	50	0	20.32	20.38	20.18		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.33	20.49	20.28	21.8	0
5	QPSK	1	12	20.23	20.34	20.36		
5	QPSK	1	24	20.28	20.34	20.27		
5	QPSK	12	0	20.22	20.47	20.30	21.8	0
5	QPSK	12	7	20.38	20.23	20.34		
5	QPSK	12	13	20.35	20.36	20.23		
5	QPSK	25	0	20.36	20.38	20.19		
5	16QAM	1	0	20.21	20.27	20.30	21.8	0
5	16QAM	1	12	20.35	20.36	20.28		
5	16QAM	1	24	20.39	20.38	20.33		
5	16QAM	12	0	20.19	20.25	20.28	21.8	0
5	16QAM	12	7	20.35	20.30	20.25		
5	16QAM	12	13	20.36	20.37	20.21		
5	16QAM	25	0	20.37	20.31	20.36		
5	64QAM	1	0	20.18	20.18	20.27	21.8	0
5	64QAM	1	12	20.35	20.36	20.35		
5	64QAM	1	24	20.29	20.34	20.28		
5	64QAM	12	0	20.23	20.22	20.26	21.8	0
5	64QAM	12	7	20.35	20.34	20.21		
5	64QAM	12	13	20.22	20.26	20.33		
5	64QAM	25	0	20.33	20.33	20.21		
5	256QAM	1	0	20.20	20.17	20.25	21.8	0
5	256QAM	1	12	20.42	20.36	20.31		
5	256QAM	1	24	20.32	20.33	20.25		
5	256QAM	12	0	20.26	20.25	20.30	21.8	0
5	256QAM	12	7	20.37	20.35	20.24		
5	256QAM	12	13	20.25	20.34	20.28		
5	256QAM	25	0	20.33	20.35	20.17		

Band 38 PC2 Ant1 DSI6 Simultaneous Power

BW [MHz]	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	22.29	22.36	22.34	23.4	0
20	QPSK	1	49	22.31	22.27	22.17		
20	QPSK	1	99	22.24	22.31	22.13		
20	QPSK	50	0	22.06	22.29	22.14	23.4	0
20	QPSK	50	24	22.17	22.13	22.27		
20	QPSK	50	50	22.16	22.21	22.22		
20	QPSK	100	0	22.13	22.23	22.18		
20	16QAM	1	0	22.02	22.11	22.12	23.4	0
20	16QAM	1	49	22.18	22.02	22.17		
20	16QAM	1	99	22.20	22.14	22.23		
20	16QAM	50	0	22.00	22.04	22.08	23.4	0
20	16QAM	50	24	22.14	22.13	22.23		
20	16QAM	50	50	22.16	22.17	22.24		
20	16QAM	100	0	22.14	22.13	22.18		
20	64QAM	1	0	22.16	22.14	22.21	23.4	0
20	64QAM	1	49	22.19	22.14	22.08		
20	64QAM	1	99	22.25	22.18	22.11		
20	64QAM	50	0	21.99	22.01	22.10	23.4	0
20	64QAM	50	24	22.16	22.12	22.22		
20	64QAM	50	50	22.03	22.15	22.22		
20	64QAM	100	0	22.13	22.17	22.19		
20	256QAM	1	0	22.09	22.14	22.05	23.4	0
20	256QAM	1	49	22.11	22.05	21.92		
20	256QAM	1	99	22.11	22.10	21.97		
20	256QAM	50	0	21.84	22.14	22.04	23.4	0
20	256QAM	50	24	22.05	22.05	21.96		
20	256QAM	50	50	21.91	22.11	22.11		
20	256QAM	100	0	22.05	22.09	22.05		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.25	22.34	22.33	23.4	0
15	QPSK	1	37	22.29	22.24	22.14		
15	QPSK	1	74	22.22	22.29	22.09		
15	QPSK	36	0	22.04	22.25	22.09	23.4	0
15	QPSK	36	20	22.13	22.11	22.24		
15	QPSK	36	39	22.12	22.16	22.19		
15	QPSK	75	0	22.08	22.21	22.16		
15	16QAM	1	0	21.98	22.06	22.07	23.4	0
15	16QAM	1	37	22.15	21.99	22.13		
15	16QAM	1	74	22.15	22.12	22.19		
15	16QAM	36	0	21.96	21.99	22.06	23.4	0
15	16QAM	36	20	22.12	22.11	22.19		
15	16QAM	36	39	22.11	22.12	22.23		
15	16QAM	75	0	22.10	22.08	22.13		
15	64QAM	1	0	22.13	22.13	22.17	23.4	0
15	64QAM	1	37	22.17	22.09	22.06		
15	64QAM	1	74	22.21	22.16	22.08		
15	64QAM	36	0	21.94	21.97	22.08	23.4	0
15	64QAM	36	20	22.13	22.08	22.17		
15	64QAM	36	39	22.00	22.12	22.19		
15	64QAM	75	0	22.09	22.15	22.18		
15	256QAM	1	0	22.08	22.10	22.02	23.4	0
15	256QAM	1	37	22.08	22.03	21.91		
15	256QAM	1	74	22.06	22.08	21.94		
15	256QAM	36	0	21.81	22.11	22.02	23.4	0
15	256QAM	36	20	22.01	22.03	21.92		
15	256QAM	36	39	21.89	22.10	22.07		
15	256QAM	75	0	22.01	22.06	22.04		
Channel				37500	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.26	22.32	22.33	23.4	0
10	QPSK	1	25	22.26	22.24	22.13		
10	QPSK	1	49	22.23	22.27	22.11		
10	QPSK	25	0	22.02	22.28	22.10	23.4	0
10	QPSK	25	12	22.16	22.11	22.24		
10	QPSK	25	25	22.13	22.19	22.18		
10	QPSK	50	0	22.08	22.22	22.15		
10	16QAM	1	0	22.00	22.09	22.09	23.4	0
10	16QAM	1	25	22.14	21.98	22.16		
10	16QAM	1	49	22.19	22.09	22.21		
10	16QAM	25	0	21.96	22.01	22.04	23.4	0
10	16QAM	25	12	22.10	22.09	22.18		
10	16QAM	25	25	22.12	22.16	22.19		
10	16QAM	50	0	22.12	22.09	22.15		
10	64QAM	1	0	22.15	22.13	22.19	23.4	0
10	64QAM	1	25	22.16	22.12	22.05		
10	64QAM	1	49	22.21	22.13	22.08		
10	64QAM	25	0	21.95	21.97	22.08	23.4	0
10	64QAM	25	12	22.13	22.15	22.21		
10	64QAM	25	25	21.99	22.13	22.19		
10	64QAM	50	0	22.12	22.15	22.17		
10	256QAM	1	0	22.05	22.10	22.02	23.4	0
10	256QAM	1	25	22.07	22.01	21.90		
10	256QAM	1	49	22.08	22.06	21.95		
10	256QAM	25	0	21.80	22.12	22.01	23.4	0
10	256QAM	25	12	22.02	22.02	21.93		
10	256QAM	25	25	21.88	22.08	22.06		
10	256QAM	50	0	22.03	22.07	22.02		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.28	22.33	22.31	23.4	0
5	QPSK	1	12	22.28	22.23	22.15		
5	QPSK	1	24	22.19	22.29	22.12		
5	QPSK	12	0	22.04	22.24	22.09	23.4	0
5	QPSK	12	7	22.13	22.11	22.24		
5	QPSK	12	13	22.12	22.18	22.20		
5	QPSK	25	0	22.11	22.21	22.14		
5	16QAM	1	0	21.99	22.07	22.09	23.4	0
5	16QAM	1	12	22.16	22.00	22.13		
5	16QAM	1	24	22.17	22.13	22.19		
5	16QAM	12	0	21.98	22.03	22.04	23.4	0
5	16QAM	12	7	22.12	22.11	22.21		
5	16QAM	12	13	22.15	22.14	22.23		
5	16QAM	25	0	22.10	22.12	22.15		
5	64QAM	1	0	22.14	22.12	22.18	23.4	0
5	64QAM	1	12	22.14	22.10	22.04		
5	64QAM	1	24	22.22	22.15	22.10		
5	64QAM	12	0	21.97	21.97	22.05	23.4	0
5	64QAM	12	7	22.14	22.10	22.21		
5	64QAM	12	13	22.00	22.12	22.18		
5	64QAM	25	0	22.09	22.14	22.15		
5	256QAM	1	0	22.07	22.10	22.02	23.4	0
5	256QAM	1	12	22.09	22.02	21.89		
5	256QAM	1	24	22.09	22.07	21.96		
5	256QAM	12	0	21.82	22.10	22.03	23.4	0
5	256QAM	12	7	22.01	22.00	21.92		
5	256QAM	12	13	21.88	22.08	22.07		
5	256QAM	25	0	22.03	22.05	22.02		

Band 41 (2.6G Band) Ant1 DSI6 Simultaneous Power

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	20.01	19.99	20.14	20.13	20.06	21.3	0
20	QPSK	1	49	19.89	19.95	20.10	20.05	20.00		
20	QPSK	1	99	19.82	19.96	20.11	20.05	20.11		
20	QPSK	50	0	19.85	19.94	20.06	19.95	20.05	21.3	0
20	QPSK	50	24	19.87	19.83	19.82	19.80	19.86		
20	QPSK	50	50	19.76	19.89	19.91	20.03	19.83		
20	QPSK	100	0	19.84	19.99	20.02	19.89	19.92		
20	16QAM	1	0	19.83	19.75	19.98	19.74	19.81	21.3	0
20	16QAM	1	49	19.73	19.93	19.89	19.91	20.00		
20	16QAM	1	99	19.74	19.86	19.80	19.84	20.03		
20	16QAM	50	0	19.93	19.90	20.00	19.98	20.03	21.3	0
20	16QAM	50	24	19.84	19.85	19.84	19.68	19.67		
20	16QAM	50	50	19.78	19.92	19.90	19.69	19.90		
20	16QAM	100	0	19.73	19.88	19.79	19.81	19.67		
20	64QAM	1	0	19.76	19.74	19.96	19.66	19.81	21.3	0
20	64QAM	1	49	19.70	19.86	19.84	19.70	19.73		
20	64QAM	1	99	19.72	19.83	19.95	19.77	19.69		
20	64QAM	50	0	19.88	19.90	19.92	19.97	20.01	21.3	0
20	64QAM	50	24	19.88	19.89	19.82	19.74	19.81		
20	64QAM	50	50	19.81	19.96	19.99	19.85	19.93		
20	64QAM	100	0	19.85	19.82	19.88	19.87	19.89		
20	256QAM	1	0	19.71	19.74	19.97	19.72	19.82	21.3	0
20	256QAM	1	49	19.69	19.81	19.84	19.64	19.66		
20	256QAM	1	99	19.70	19.82	19.91	19.78	19.74		
20	256QAM	50	0	19.89	19.95	19.99	19.93	19.97	21.3	0
20	256QAM	50	24	19.87	19.89	19.77	19.80	19.86		
20	256QAM	50	50	19.86	19.93	19.98	19.87	19.88		
20	256QAM	100	0	19.80	19.84	19.80	19.80	19.92		
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	19.97	19.94	20.07	20.11	20.03	21	0
15	QPSK	1	37	19.85	19.93	20.06	20.02	19.98		
15	QPSK	1	74	19.78	19.93	20.08	20.02	20.06		
15	QPSK	36	0	19.80	19.90	20.04	19.93	20.00	21.3	0
15	QPSK	36	20	19.83	19.79	19.80	19.76	19.82		
15	QPSK	36	39	19.73	19.86	19.89	20.00	19.80		
15	QPSK	75	0	19.81	19.97	19.98	19.84	19.88		
15	16QAM	1	0	19.82	19.72	19.96	19.70	19.76	21.3	0
15	16QAM	1	37	19.69	19.92	19.85	19.88	19.95		
15	16QAM	1	74	19.72	19.84	19.78	19.82	20.00		
15	16QAM	36	0	19.91	19.87	19.96	19.93	20.01	21.3	0
15	16QAM	36	20	19.80	19.84	19.81	19.64	19.65		
15	16QAM	36	39	19.77	19.88	19.89	19.67	19.86		
15	16QAM	75	0	19.68	19.87	19.75	19.79	19.63		
15	64QAM	1	0	19.71	19.70	19.92	19.64	19.80	21.3	0
15	64QAM	1	37	19.66	19.83	19.79	19.67	19.70		
15	64QAM	1	74	19.67	19.81	19.94	19.73	19.66		
15	64QAM	36	0	19.86	19.88	19.87	19.93	20.00	21.3	0
15	64QAM	36	20	19.83	19.87	19.78	19.70	19.79		
15	64QAM	36	39	19.79	19.95	19.98	19.80	19.90		
15	64QAM	75	0	19.81	19.78	19.84	19.83	19.87		
15	256QAM	1	0	19.70	19.70	19.94	19.70	19.80	21.3	0
15	256QAM	1	37	19.68	19.80	19.79	19.61	19.82		
15	256QAM	1	74	19.67	19.79	19.89	19.77	19.72		
15	256QAM	36	0	19.85	19.93	19.96	19.88	19.95	21.3	0
15	256QAM	36	20	19.85	19.86	19.75	19.77	19.82		
15	256QAM	36	39	19.82	19.89	19.97	19.84	19.85		
15	256QAM	75	0	19.77	19.81	19.76	19.75	19.88		
Channel				39700	40150	40620	41090	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.97	19.95	20.07	20.11	20.04	21	0
10	QPSK	1	25	19.86	19.92	20.05	20.01	19.98		
10	QPSK	1	49	19.81	19.95	20.08	20.04	20.10		
10	QPSK	25	0	19.84	19.91	20.03	19.91	20.00	21.3	0
10	QPSK	25	12	19.85	19.81	19.78	19.76	19.84		
10	QPSK	25	25	19.73	19.86	19.89	19.98	19.81		
10	QPSK	50	0	19.83	19.96	19.99	19.86	19.90		
10	16QAM	1	0	19.82	19.72	19.95	19.70	19.79	21.3	0
10	16QAM	1	25	19.68	19.90	19.85	19.89	19.99		
10	16QAM	1	49	19.71	19.81	19.79	19.81	20.01		
10	16QAM	25	0	19.91	19.88	19.96	19.94	19.99	21.3	0
10	16QAM	25	12	19.82	19.82	19.82	19.64	19.62		
10	16QAM	25	25	19.76	19.88	19.86	19.65	19.88		
10	16QAM	50	0	19.69	19.86	19.74	19.76	19.66		
10	64QAM	1	0	19.73	19.73	19.94	19.63	19.79	21.3	0
10	64QAM	1	25	19.67	19.84	19.81	19.69	19.71		
10	64QAM	1	49	19.69	19.78	19.90	19.74	19.65		
10	64QAM	25	0	19.84	19.88	19.89	19.93	19.98	21.3	0
10	64QAM	25	12	19.86	19.88	19.80	19.73	19.78		
10	64QAM	25	25	19.79	19.93	19.95	19.81	19.91		
10	64QAM	50	0	19.83	19.79	19.84	19.86	19.87		
10	256QAM	1	0	19.70	19.69	19.95	19.71	19.78	21.3	0
10	256QAM	1	25	19.67	19.80	19.79	19.60	19.61		
10	256QAM	1	49	19.68	19.80	19.90	19.75	19.71		
10	256QAM	25	0	19.87	19.93	19.98	19.91	19.94	21.3	0
10	256QAM	25	12	19.84	19.85	19.73	19.75	19.83		
10	256QAM	25	25	19.82	19.90	19.96	19.86	19.85		
10	256QAM	50	0	19.78	19.79	19.78	19.76	19.88		
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	19.98	19.97	20.09	20.10	20.05	21	0
5	QPSK	1	12	19.86	19.92	20.05	20.00	19.99		
5	QPSK	1	24	19.80	19.92	20.09	20.04	20.06		
5	QPSK	12	0	19.84	19.92	20.04	19.91	20.02	21.3	0
5	QPSK	12	7	19.85	19.79	19.78	19.78	19.85		
5	QPSK	12	13	19.73	19.86	19.86	19.99	19.79		
5	QPSK	25	0	19.82	19.95	20.01	19.85	19.90		
5	16QAM	1	0	19.80	19.73	19.94	19.71	19.78	21.3	0
5	16QAM	1	12	19.70	19.88	19.84	19.86	19.98		
5	16QAM	1	24	19.70	19.84	19.77	19.79	20.00		
5	16QAM	12	0	19.89	19.87	19.99	19.95	20.01	21.3	0
5	16Q

Band 42 (3.5GHz Band) Ant2 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42340	42490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.00	18.14	18.09	19.3	0
20	QPSK	1	49	18.01	18.07	18.04		
20	QPSK	1	99	17.87	17.97	17.89		
20	QPSK	50	0	17.94	18.11	18.06	19.3	0
20	QPSK	50	24	17.91	18.02	18.09		
20	QPSK	50	50	17.95	18.00	18.05		
20	QPSK	100	0	17.88	18.07	18.01	19.3	0
20	16QAM	1	0	17.85	17.94	18.02		
20	16QAM	1	49	17.88	18.00	18.06		
20	16QAM	1	99	17.77	17.86	17.90		
20	16QAM	50	0	17.86	17.96	18.04	19.3	0
20	16QAM	50	24	17.86	18.05	17.91		
20	16QAM	50	50	17.88	17.95	18.03		
20	16QAM	100	0	17.85	18.00	18.06		
20	64QAM	1	0	17.77	17.96	18.06	19.3	0
20	64QAM	1	49	17.91	18.01	17.96		
20	64QAM	1	99	17.79	17.86	17.92		
20	64QAM	50	0	17.89	17.96	18.04	19.3	0
20	64QAM	50	24	17.91	18.02	18.06		
20	64QAM	50	50	17.87	17.96	18.01		
20	64QAM	100	0	17.85	17.97	17.87		
20	256QAM	1	0	16.34	16.44	16.39	18	1.3
20	256QAM	1	49	16.29	16.29	16.07		
20	256QAM	1	99	16.30	16.40	16.42		
20	256QAM	50	0	16.26	16.27	16.28	18	1.3
20	256QAM	50	24	16.28	16.23	16.17		
20	256QAM	50	50	16.21	16.32	16.19		
20	256QAM	100	0	16.17	16.24	16.20		
Channel				42160	42340	42515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.80	18.05	17.96	19.3	0
15	QPSK	1	37	17.86	17.96	17.86		
15	QPSK	1	74	17.82	17.91	17.82		
15	QPSK	36	0	17.83	18.02	17.93	19.3	0
15	QPSK	36	20	17.78	17.88	17.99		
15	QPSK	36	39	17.88	17.89	17.95		
15	QPSK	75	0	17.73	17.94	17.92		
15	16QAM	1	0	17.75	17.89	17.96	19.3	0
15	16QAM	1	37	17.73	17.89	17.92		
15	16QAM	1	74	17.67	17.71	17.84		
15	16QAM	36	0	17.82	17.89	17.96	19.3	0
15	16QAM	36	20	17.76	17.93	17.81		
15	16QAM	36	39	17.74	17.85	17.94		
15	16QAM	75	0	17.71	17.93	17.99		
15	64QAM	1	0	17.68	17.87	17.98	19.3	0
15	64QAM	1	37	17.77	17.86	17.81		
15	64QAM	1	74	17.73	17.72	17.79		
15	64QAM	36	0	17.75	17.86	17.93	19.3	0
15	64QAM	36	20	17.82	17.92	17.92		
15	64QAM	36	39	17.79	17.82	17.87		
15	64QAM	75	0	17.74	17.89	17.72		
15	256QAM	1	0	16.36	16.46	16.39	18	1.3
15	256QAM	1	37	16.28	16.26	16.04		
15	256QAM	1	74	16.28	16.37	16.40		
15	256QAM	36	0	16.25	16.23	16.27	18	1.3
15	256QAM	36	20	16.17	16.24	16.16		
15	256QAM	36	39	16.23	16.33	16.21		
15	256QAM	75	0	16.16	16.23	16.18		
Channel				42160	42340	42340	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.85	18.01	17.98	19.3	0
10	QPSK	1	25	17.88	17.93	17.99		
10	QPSK	1	49	17.76	17.84	17.82		
10	QPSK	25	0	17.81	17.97	17.98	19.3	0
10	QPSK	25	12	17.86	17.92	17.97		
10	QPSK	25	25	17.85	17.92	17.92		
10	QPSK	50	0	17.83	17.95	17.91	19.3	0
10	16QAM	1	0	17.79	17.93	17.87		
10	16QAM	1	25	17.76	17.90	17.95		
10	16QAM	1	49	17.71	17.73	17.83		
10	16QAM	25	0	17.77	17.88	17.96	19.3	0
10	16QAM	25	12	17.76	17.96	17.83		
10	16QAM	25	25	17.76	17.87	17.96		
10	16QAM	50	0	17.74	17.90	18.01	19.3	0
10	64QAM	1	0	17.68	17.87	17.93		
10	64QAM	1	25	17.85	17.90	17.81		
10	64QAM	1	49	17.67	17.73	17.78		
10	64QAM	25	0	17.84	17.83	17.96	19.3	0
10	64QAM	25	12	17.84	17.91	17.96		
10	64QAM	25	25	17.78	17.85	17.96		
10	64QAM	50	0	17.73	17.83	17.72	19.3	0
10	256QAM	1	0	16.36	16.44	16.41		
10	256QAM	1	25	16.26	16.29	16.08	18	1.3
10	256QAM	1	49	16.28	16.37	16.39		
10	256QAM	25	0	16.23	16.27	16.27	18	1.3
10	256QAM	25	12	16.18	16.26	16.15		
10	256QAM	25	25	16.21	16.32	16.22		
10	256QAM	50	0	16.18	16.29	16.18		
Channel				42115	42340	42565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.81	18.05	17.98	19.3	0
5	QPSK	1	12	17.91	18.01	17.94		
5	QPSK	1	24	17.77	17.82	17.76		
5	QPSK	12	0	17.86	18.02	17.97	19.3	0
5	QPSK	12	7	17.81	17.91	18.00		
5	QPSK	12	13	17.81	17.88	17.97		
5	QPSK	25	0	17.78	17.89	17.89	19.3	0
5	16QAM	1	0	17.75	17.84	17.93		
5	16QAM	1	12	17.78	17.90	17.92		
5	16QAM	1	24	17.77	17.83	17.80		
5	16QAM	12	0	17.82	17.88	17.99	19.3	0
5	16QAM	12	7	17.74	17.92	17.77		
5	16QAM	12	13	17.81	17.89	17.92		
5	16QAM	25	0	17.75	17.92	17.93		
5	64QAM	1	0	17.62	17.84	17.91	19.3	0
5	64QAM	1	12	17.79	17.87	17.84		
5	64QAM	1	24	17.66	17.72	17.84		
5	64QAM	12	0	17.75	17.88	17.96	19.3	0
5	64QAM	12	7	17.79	17.92	17.94		
5	64QAM	12	13	17.81	17.82	17.88		
5	64QAM	25	0	17.76	17.92	17.73		
5	256QAM	1	0	16.36	16.43	16.41	18	1.3
5	256QAM	1	12	16.27	16.28	16.05		
5	256QAM	1	24	16.32	16.38	16.40		
5	256QAM	12	0	16.27	16.24	16.25	18	1.3
5	256QAM	12	7	16.16	16.25	16.19		
5	256QAM	12	13	16.23	16.31	16.20		
5	256QAM	25	0	16.17	16.24	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42500	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.01	18.13	18.04	19.3	0
20	QPSK	1	49	17.87	18.08	18.04		
20	QPSK	1	99	17.81	18.00	18.06		
20	QPSK	50	0	17.93	18.10	18.00	19.3	0
20	QPSK	50	24	17.93	17.97	18.00		
20	QPSK	50	50	17.67	17.87	17.93		
20	QPSK	100	0	17.95	18.03	17.87	19.3	0
20	16QAM	1	0	17.83	18.01	17.99		
20	16QAM	1	49	17.83	17.91	18.01		
20	16QAM	1	99	17.71	17.77	17.94		
20	16QAM	50	0	17.87	17.71	17.90	19.3	0
20	16QAM	50	24	17.91	17.83	17.90		
20	16QAM	50	50	17.85	17.94	18.01		
20	16QAM	100	0	17.91	18.01	17.96		
20	64QAM	1	0	17.90	17.91	17.95	19.3	0
20	64QAM	1	49	17.87	17.94	17.85		
20	64QAM	1	99	17.77	17.80	17.95		
20	64QAM	50	0	17.98	17.87	17.82	19.3	0
20	64QAM	50	24	17.92	17.72	17.99		
20	64QAM	50	50	17.79	17.96	18.02		
20	64QAM	100	0	17.91	17.94	17.95		
20	256QAM	1	0	16.39	16.44	16.46	18	1.3
20	256QAM	1	49	16.33	16.28	16.18		
20	256QAM	1	99	16.44	16.42	16.39		
20	256QAM	50	0	16.37	16.34	16.34	18	1.3
20	256QAM	50	24	16.30	16.29	16.22		
20	256QAM	50	50	16.27	16.35	16.29		
20	256QAM	100	0	16.21	16.30	16.29		
Channel				42115	42500	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.99	18.03	18.00	19.3	0
15	QPSK	1	37	17.94	18.04	18.02		
15	QPSK	1	74	17.79	17.99	18.03		
15	QPSK	36	0	17.91	18.12	17.95	19.3	0
15	QPSK	36	20	17.90	17.95	17.96		
15	QPSK	36	39	17.86	17.85	17.90		
15	QPSK	75	0	17.91	17.98	17.86		
15	16QAM	1	0	17.81	17.96	17.97	19.3	0
15	16QAM	1	37	17.81	17.87	17.96		
15	16QAM	1	74	17.67	17.74	17.91		
15	16QAM	36	0	17.93	17.70	17.88	19.3	0
15	16QAM	36	20	17.87	17.82	17.89		
15	16QAM	36	39	17.80	17.90	17.99		
15	16QAM	75	0	17.88	17.97	17.93		
15	64QAM	1	0	17.87	17.89	17.91	19.3	0
15	64QAM	1	37	17.84	17.92	17.80		
15	64QAM	1	74	17.73	17.78	17.92		
15	64QAM	36	0	17.96	17.83	17.79	19.3	0
15	64QAM	36	20	17.90	17.70	17.97		
15	64QAM	36	39	17.75	17.92	17.97		
15	64QAM	75	0	17.87	17.91	17.92		
15	256QAM	1	0	16.42	16.46	16.46	18	1.3
15	256QAM	1	37	16.35	16.28	16.18		
15	256QAM	1	74	16.42	16.42	16.41		
15	256QAM	36	0	16.37	16.34	16.35	18	1.3
15	256QAM	36	20	16.27	16.28	16.22		
15	256QAM	36	39	16.26	16.36	16.30		
15	256QAM	75	0	16.16	16.29	16.29		
Channel				42140	42490	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.98	18.11	18.02	19.3	0
10	QPSK	1	25	17.95	17.98	18.00		
10	QPSK	1	49	17.79	17.98	18.03		
10	QPSK	25	0	17.88	18.09	17.98	19.3	0
10	QPSK	25	12	17.82	17.95	17.96		
10	QPSK	25	25	17.66	17.82	17.90		
10	QPSK	50	0	17.91	18.02	17.85	19.3	0
10	16QAM	1	0	17.79	17.96	18.02		
10	16QAM	1	25	17.79	17.89	17.97		
10	16QAM	1	49	17.69	17.74	17.90		
10	16QAM	25	0	17.94	17.78	17.87	19.3	0
10	16QAM	25	12	17.86	17.78	17.85		
10	16QAM	25	25	17.81	17.93	17.98		
10	16QAM	50	0	17.88	17.92	17.92	19.3	0
10	64QAM	1	0	17.86	17.88	17.94		
10	64QAM	1	25	17.86	17.90	17.82		
10	64QAM	1	49	17.75	17.78	17.91		
10	64QAM	25	0	17.94	17.85	17.77	19.3	0
10	64QAM	25	12	17.91	17.69	17.98		
10	64QAM	25	25	17.76	17.94	18.00		
10	64QAM	50	0	17.87	17.92	17.92	19.3	0
10	256QAM	1	0	16.40	16.44	16.47		
10	256QAM	1	25	16.33	16.29	16.17	18	1.3
10	256QAM	1	49	16.43	16.43	16.40		
10	256QAM	25	0	16.36	16.35	16.37	18	1.3
10	256QAM	25	12	16.30	16.29	16.20		
10	256QAM	25	25	16.28	16.37	16.31		
10	256QAM	50	0	16.29	16.29	16.29		
Channel				42115	42490	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.97	18.11	18.02	19.3	0
5	QPSK	1	12	17.93	18.04	18.01		
5	QPSK	1	24	17.78	17.96	18.04		
5	QPSK	12	0	17.91	18.05	17.96	19.3	0
5	QPSK	12	7	17.91	17.92	17.97		
5	QPSK	12	13	17.66	17.84	17.90		
5	QPSK	25	0	17.82	17.94	17.83	19.3	0
5	16QAM	1	0	17.82	17.99	17.98		
5	16QAM	1	12	17.81	17.88	17.98		
5	16QAM	1	24	17.69	17.77	17.89		
5	16QAM	12	0	17.94	17.70	17.88	19.3	0
5	16QAM	12	7	17.88	17.80	17.86		
5	16QAM	12	13	17.81	17.97	17.97		
5	16QAM	25	0	17.86	17.97	17.92	19.3	0
5	64QAM	1	0	17.86	17.88	17.94		
5	64QAM	1	12	17.85	17.91	17.97		
5	64QAM	1	24	17.76	17.77	17.90		
5	64QAM	12	0	17.96	17.83	17.80	19.3	0
5	64QAM	12	7	17.90	17.97	17.98		
5	64QAM	12	13	17.76	17.92	17.99		
5	64QAM	25	0	17.88	17.93	17.93		
5	256QAM	1	0	16.41	16.45	16.48	18	1.3
5	256QAM	1	12	16.33	16.29	16.18		
5	256QAM	1	24	16.44	16.40	16.41		
5	256QAM	12	0	16.35	16.35	16.37	18	1.3
5	256QAM	12	7	16.27	16.28	16.23		
5	256QAM	12	13	16.26	16.35	16.29		
5	256QAM	25	0	16.21	16.30	16.27		

Band 43 (3.7GHz Band) Ant2 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43590	43990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	18.28	18.29	18.21	19.6	0
20	QPSK	1	49	18.25	18.24	18.20		
20	QPSK	1	99	18.15	18.10	18.09		
20	QPSK	50	0	18.25	18.26	18.25	19.6	0
20	QPSK	50	24	18.23	18.21	18.21		
20	QPSK	50	50	18.15	18.12	18.14		
20	QPSK	100	0	18.21	18.24	18.06	19.6	0
20	16QAM	1	0	18.12	18.13	18.19		
20	16QAM	1	49	18.15	18.19	18.20		
20	16QAM	1	99	18.06	18.03	18.01		
20	16QAM	50	0	18.02	18.13	18.12	19.6	0
20	16QAM	50	24	18.19	18.14	18.21		
20	16QAM	50	50	18.10	18.10	18.15		
20	16QAM	100	0	18.20	18.14	18.16	19.6	0
20	64QAM	1	0	18.18	18.21	18.21		
20	64QAM	1	49	18.11	18.17	18.05		
20	64QAM	1	99	17.97	17.96	17.98		
20	64QAM	50	0	18.20	18.23	18.04	19.6	0
20	64QAM	50	24	18.18	18.22	18.21		
20	64QAM	50	50	18.11	18.13	18.11		
20	64QAM	100	0	18.16	18.17	18.15	19.6	0
20	256QAM	1	0	18.15	18.20	18.18		
20	256QAM	1	49	18.08	18.12	18.02		
20	256QAM	1	99	17.93	17.95	17.97		
20	256QAM	50	0	18.17	18.19	17.99	19.6	0
20	256QAM	50	24	18.16	18.20	18.20		
20	256QAM	50	50	18.09	18.10	18.09		
20	256QAM	100	0	18.14	18.12	18.12	19.6	0
Channel				43165	43590	44015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	18.20	18.19	18.15	19.6	0
15	QPSK	1	37	18.19	18.15	18.10		
15	QPSK	1	74	18.06	17.99	17.97		
15	QPSK	36	0	18.17	18.12	18.13	19.6	0
15	QPSK	36	20	18.17	18.13	18.09		
15	QPSK	36	39	18.02	17.99	17.99		
15	QPSK	75	0	18.12	18.15	17.99	19.6	0
15	16QAM	1	0	18.05	18.02	18.09		
15	16QAM	1	37	18.05	18.06	18.12		
15	16QAM	1	74	17.93	17.90	17.89		
15	16QAM	36	0	17.94	17.99	18.06	19.6	0
15	16QAM	36	20	18.13	17.99	18.12		
15	16QAM	36	39	17.96	17.96	18.10		
15	16QAM	75	0	18.10	18.01	18.04	19.6	0
15	64QAM	1	0	18.03	18.12	18.11		
15	64QAM	1	37	18.00	18.10	17.96		
15	64QAM	1	74	17.83	17.86	17.83		
15	64QAM	36	0	18.06	18.11	17.93	19.6	0
15	64QAM	36	20	18.06	18.13	18.10		
15	64QAM	36	39	18.05	18.04	17.97		
15	64QAM	75	0	18.02	18.12	18.01	19.6	0
15	256QAM	1	0	18.16	18.16	18.17		
15	256QAM	1	37	18.06	18.14	18.00		
15	256QAM	1	74	17.95	17.92	17.93		
15	256QAM	36	0	18.06	18.19	18.02	19.6	0
15	256QAM	36	20	18.15	18.21	18.19		
15	256QAM	36	39	18.10	18.10	18.06		
15	256QAM	75	0	18.13	18.16	18.10	19.6	0
Channel				43040	43590	44140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	18.19	18.23	18.09	19.6	0
10	QPSK	1	25	18.11	18.10	18.09		
10	QPSK	1	49	18.06	17.98	17.95		
10	QPSK	25	0	18.19	18.17	18.17	19.6	0
10	QPSK	25	12	18.11	18.16	18.13		
10	QPSK	25	25	18.10	17.97	18.01		
10	QPSK	50	0	18.08	18.11	17.97	19.6	0
10	16QAM	1	0	18.08	18.12	18.14		
10	16QAM	1	25	18.04	18.06	18.14		
10	16QAM	1	49	17.97	17.98	17.90		
10	16QAM	25	0	17.88	18.01	18.06	19.6	0
10	16QAM	25	12	18.06	18.01	18.11		
10	16QAM	25	25	17.95	17.97	18.09		
10	16QAM	50	0	18.06	18.11	18.05	19.6	0
10	64QAM	1	0	18.07	18.08	18.07		
10	64QAM	1	25	17.98	18.07	17.91		
10	64QAM	1	49	17.92	17.91	17.93		
10	64QAM	25	0	18.05	18.15	17.97	19.6	0
10	64QAM	25	12	18.11	18.12	18.12		
10	64QAM	25	25	18.02	18.07	17.98		
10	64QAM	50	0	18.05	18.11	18.02	19.6	0
10	256QAM	1	0	18.15	18.16	18.17		
10	256QAM	1	25	18.03	18.01	18.01		
10	256QAM	1	49	17.92	17.94	17.94		
10	256QAM	25	0	18.15	18.20	18.02	19.6	0
10	256QAM	25	12	18.15	18.19	18.18		
10	256QAM	25	25	18.07	18.11	18.07		
10	256QAM	50	0	18.15	18.14	18.11	19.6	0
Channel				43015	43590	44165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	18.23	18.18	18.12	19.6	0
5	QPSK	1	12	18.12	18.18	18.07		
5	QPSK	1	24	18.04	18.04	18.02		
5	QPSK	12	0	18.16	18.15	18.15	19.6	0
5	QPSK	12	7	18.12	18.16	18.10		
5	QPSK	12	13	18.02	17.99	18.06		
5	QPSK	25	0	18.12	18.14	17.94	19.6	0
5	16QAM	1	0	18.08	18.00	18.07		
5	16QAM	1	12	18.08	18.07	18.06		
5	16QAM	1	24	17.92	17.91	17.90		
5	16QAM	12	0	17.94	18.06	18.05	19.6	0
5	16QAM	12	7	18.13	18.03	18.12		
5	16QAM	12	13	17.98	18.01	18.06		
5	16QAM	25	0	18.10	18.04	18.07	19.6	0
5	64QAM	1	0	18.07	18.06	18.06		
5	64QAM	1	12	17.91	18.06	18.06		
5	64QAM	1	24	17.84	17.83	17.84		
5	64QAM	12	0	18.05	18.11	17.94	19.6	0
5	64QAM	12	7	18.08	18.11	18.06		
5	64QAM	12	13	17.99	17.99	18.00		
5	64QAM	25	0	18.03	18.07	18.03		
5	256QAM	1	0	18.14	18.20	18.17	19.6	0
5	256QAM	1	12	18.09	18.14	18.02		
5	256QAM	1	24	17.94	17.94	17.94		
5	256QAM	12	0	18.15	18.19	18.00	19.6	0
5	256QAM	12	7	18.16	18.17	18.18		
5	256QAM	12	13	18.08	18.09	18.09		
5	256QAM	25	0	18.12	18.14	18.11		

Band 48_FCC Ant2 DSI6 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55490	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.29	18.31	18.39	18.07	19.6	0
20	QPSK	1	49	18.18	18.17	18.14	18.18		
20	QPSK	1	99	18.11	18.16	18.13	18.12		
20	QPSK	50	0	18.17	18.22	18.24	18.20	19.6	0
20	QPSK	50	24	18.15	18.10	18.17	18.15		
20	QPSK	50	50	18.03	18.06	18.05	18.04

Uplink CA Power

Full Power & DSI2 & DSI6

CA_7C Ant 0									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	23.24	23.36	24.00
21100	21298	QPSK	1	99	1	0	23.32	23.47	24.00
21350	21152	QPSK	1	0	1	99	23.36	23.41	24.00

DSI3

CA_7C Ant 0									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	18.31	18.39	19.70
21100	21298	QPSK	1	99	1	0	18.65	18.71	19.70
21350	21152	QPSK	1	0	1	99	18.63	18.67	19.70

DSI3 Simultaneous

CA_7C Ant 0									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	13.87	13.99	15.20
21100	21298	QPSK	1	99	1	0	14.11	14.19	15.20
21350	21152	QPSK	1	0	1	99	14.06	14.13	15.20

Full Power

CA_7C Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	22.25	22.39	24.00
21100	21298	QPSK	1	99	1	0	22.39	22.53	24.00
21350	21152	QPSK	1	0	1	99	22.16	22.3	24.00

DSI2

CA_7C Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	17.31	17.39	18.40
21100	21298	QPSK	1	99	1	0	17.35	17.41	18.40
21350	21152	QPSK	1	0	1	99	17.33	17.36	18.40

DSI3

CA_7C Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	18.21	18.33	19.70
21100	21298	QPSK	1	99	1	0	18.61	18.69	19.70
21350	21152	QPSK	1	0	1	99	18.61	18.63	19.70

DSI3 Simultaneous

CA_7C Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	15.21	15.3	16.70
21100	21298	QPSK	1	99	1	0	15.33	15.45	16.70
21350	21152	QPSK	1	0	1	99	15.31	15.39	16.70

DSI6

CA_7C Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Intra Band UL CA	Non CA	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	
20850	21048	QPSK	1	99	1	0	19.54	19.65	20.70
21100	21298	QPSK	1	99	1	0	19.61	19.75	20.70
21350	21152	QPSK	1	0	1	99	19.63	19.65	20.70

Downlink CA Power

2CA DL

CA List	PCC								SCC				Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-17A	Band 2	Ant0	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	22.61	22.71
	Band 2	Ant1	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	21.73	22.78
	Band 17	Ant0	10M	710	23790	QPSK	1	0	Band 2	10M	1960	900	22.85	22.88
	Band 17	Ant1	10M	710	23790	QPSK	1	0	Band 2	10M	1960	900	22.43	22.59
CA_4A-17A	Band 4	Ant0	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.03	23.09
	Band 4	Ant1	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	21.93	21.97
	Band 17	Ant0	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.79	22.88
	Band 17	Ant1	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.37	22.59
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	22.79	22.86
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	22.19	22.33
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	23.55	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	22.45	22.98
CA_7B	Band 7	Ant0	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	23.33	23.44
	Band 7	Ant1	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	22.57	22.67
CA_7A-26A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	23.39	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.68	22.71
	Band 26	Ant0	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100	22.55	22.61
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100	22.45	22.40
CA_7A-42A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 42	20M	3575	43340	23.36	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 42	20M	3575	43340	22.63	22.71
	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 7	20M	2655	3100	21.98	22.04
CA_7A-42A (Part27Q)	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	23.34	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	22.68	22.71
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 7	20M	2655	3100	21.97	22.03
CA_12A-25A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0	Band 25	20M	1960	8340	22.86	22.93
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0	Band 25	20M	1960	8340	22.59	22.67
	Band 25	Ant0	20M	1880	26340	QPSK	1	0	Band 12	10M	737.5	5095	22.76	22.89
	Band 25	Ant1	20M	1880	26340	QPSK	1	0	Band 12	10M	737.5	5095	23.21	23.28
CA_26A-41A	Band 26	Ant0	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	22.59	22.61
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	22.16	22.40
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	23.56	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	22.87	22.98
CA_38C	Band 38	Ant0	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	23.34	23.49
	Band 38	Ant1	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	22.67	22.89
CA_41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.52	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	22.86	22.98
CA_41A-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 42	20M	3575	42340	23.54	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 42	20M	3575	43340	22.84	22.98
	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 41	20M	2593	40620	21.97	22.04
CA_41A-42A (Part27Q)	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 42	20M	3500	42590	23.55	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 42	20M	3500	42590	22.83	22.98
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 41	20M	2593	40620	21.98	22.03
CA_42A-42A	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 42	5M	3597.5	43565	21.86	22.04
CA_42A-42A (Part27Q)	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 42	5M	3547.5	43065	21.96	22.03
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	22.99	23.09
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	21.83	22.00
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	23.03	23.15
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	21.93	22.05

3CA DL

3CA List	PCC								SCC1				SCC2				Power	
	LTE		BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A_4A_5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.67	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	21.72	21.82
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.98	23.12
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.12	22.02
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.70	22.86
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.53	22.33
CA_2A_4A_7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	22.71	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	21.69	21.82
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	22.97	23.12
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	22.05	22.02
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.36	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.56	22.71
CA_2A_4A_12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	22.73	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.70	21.82
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.99	23.12
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.05	22.02
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.80	22.93
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.59	22.67
CA_2A_5A_7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.69	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	21.76	21.82
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	22.74	22.86
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	22.26	22.33
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.28	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.59	22.71
CA_2A_5A_66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	22.65	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	21.67	21.82
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2155	66886	22.76	22.86
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2155	66886	22.13	22.33
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.00	23.15
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	21.97	22.05
CA_2A_7C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.72	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	21.69	21.82
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	23.33	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	22.60	22.71
CA_2A_7A_7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.76	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	21.68	21.82
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.37	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	22.60	22.71
CA_2A-12A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155	66886	22.64	22.82
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155	66886	21.76	21.82
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2155	66886	22.75	22.93
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2155	66886	22.56	22.67
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	23.07	23.15
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.94	22.05
CA_4A-7C	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.97	23.12
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.17	22.02
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.42	23.46
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	22.60	22.71
CA_26A-41C	Band 26	Ant0	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.50	22.61
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.34	22.40
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 26	15M	876.5	8865	23.60	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 26	15M	876.5	8865	22.81	22.98
CA_41C-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	43340	23.48	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	43340	22.84	22.98
	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	21.96	22.04
CA_41C-42A (Part27Q)	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	42340	23.46	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	42340	22.85	22.98
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	21.97	22.03
CA_41A-42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 42	20M	3575	43340	Band 42	20M	3594.8	43538	23.60	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 42	20M	3575	43340	Band 42	20M	3594.8	43538	22.91	22.98
	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 42	20M	3594.8	43538	Band 41	20M	2593	40620	21.98	22.04
CA_41A-42C (Part27Q)	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 42	20M	3500	42590	Band 42	20M	3519.8	42788	23.56	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 42	20M	3500	42590	Band 42	20M	3519.8	42788	22.90	22.98
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 42	20M	3519.8	42788	Band 41	20M	2593	40620	21.89	22.03
CA_42D	Band 42	Ant2	20M	3560	43190	QPSK	1	0	Band 42	20M	3579.8	43388	Band 42	20M	3599.6	43586	21.99	22.00
CA_42D(Part27Q)	Band 42	Ant2	20M	3460	42190	QPSK	1	0	Band 42	20M	3479.8	42388	Band 42	20M	3499.6	42586	21.91	21.93

4CA DL

Configure	PCC								SCC1				SCC2				SCC3				Power	
	LTE		BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_5A_7A_66A_66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.80	22.86
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.17	22.33
	Band 7	0	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.32	23.46
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.60	22.71
	Band 66	0	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2674.8	3298	22.98	23.15
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2674.8	3298	21.93	22.05
CA_7C_66A_66A	Band 7	0	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.40	23.46
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.64	22.71
	Band 66	0	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.03	23.15
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.00	22.05
CA_41C_42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	43340	Band 42	20M	3594.8	43538	23.51	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3575	43340	Band 42	20M	3594.8	43538	22.81	22.98
	Band 42	Ant2	20M	3575	43340	QPSK	1	0	Band 42	20M	3594.8	43538	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	21.89	22.04
CA_41C_42C (Part27Q)	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3500	42590	Band 42	20M	3519.8	42788	23.56	23.64
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3500	42590	Band 42	20M	3519.8	42788	22.92	22.98
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	Band 42	20M	3519.8	42788	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	21.97	22.03

5CA DL

Configure	PCC								SCC1				SCC2				SCC3				SCC4				Power	
	LTE		BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_5A-7C-66A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.71	22.86
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.17	22.33
	Band 7	0	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.33	23.46
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.58	22.71
	Band 66	0	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.00	23.15
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	21.97	22.05

Full Power level/Default Power level/ Pmax Power Level for 5G NR

n5 NSA Ant0 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.64	22.89	22.71	24.0	0.0
20	PI/2 BPSK	1	53	22.65	22.94	22.81		
20	PI/2 BPSK	1	104	22.65	22.92	22.63		
20	PI/2 BPSK	50	0	22.81	22.93	22.85	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.95	22.73	24.0	0.0
20	PI/2 BPSK	50	56	22.73	22.92	22.73		
20	PI/2 BPSK	100	0	22.68	23.00	22.70	24.0	0.0
20	QPSK	1	1	23.45	23.48	23.39		
20	QPSK	1	53	22.74	22.96	22.68	24.0	0.0
20	QPSK	1	104	22.70	22.95	22.83		
20	QPSK	50	0	22.67	22.90	22.59	24.0	0.0
20	QPSK	50	28	23.32	23.36	23.35	24.0	0.0
20	QPSK	50	56	22.75	22.91	22.68	24.0	0.0
20	QPSK	100	0	22.73	22.99	22.90		
20	16QAM	1	1	22.46	22.77	22.68	24.0	0.0
20	64QAM	1	1	23.06	23.28	23.14	24.0	0.0
20	256QAM	1	1	21.32	21.52	21.24	22.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.35	23.30	23.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.22	23.27	23.20	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.29	23.26	24.0	0.0

n7 Ant0 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.38	22.51	22.33	24.0	0.0
40	PI/2 BPSK	1	108	22.14	22.41	22.26		
40	PI/2 BPSK	1	214	22.28	22.48	22.29		
40	PI/2 BPSK	108	0	22.24	22.41	22.31	24.0	0.0
40	PI/2 BPSK	108	54	22.08	22.33	22.17	24.0	0.0
40	PI/2 BPSK	108	108	22.13	22.37	22.08	24.0	0.0
40	PI/2 BPSK	216	0	22.10	22.35	22.06		
40	QPSK	1	1	22.82	22.84	22.71		
40	QPSK	1	108	22.24	22.40	22.16	24.0	0.0
40	QPSK	1	214	22.18	22.45	22.20		
40	QPSK	108	0	22.11	22.39	22.08	24.0	0.0
40	QPSK	108	54	22.59	22.71	22.62	24.0	0.0
40	QPSK	108	108	22.14	22.38	22.09	24.0	0.0
40	QPSK	216	0	22.17	22.32	22.02		
40	16QAM	1	1	22.22	22.36	22.18	23.5	0.5
40	64QAM	1	1	22.05	22.24	21.97	22.5	1.5
40	256QAM	1	1	19.81	20.07	19.92	21.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516	2535	2555		
30	QPSK	1	1	22.48	22.73	22.52	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.55	22.57	22.37	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.66	22.71	22.51	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.50	22.59	22.47	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.48	22.53	22.46	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.63	22.51	22.60	24.0	0.0

n7 Ant1 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.42	23.59	23.50	24.0	0.0
40	PI/2 BPSK	1	108	23.29	23.57	23.31		
40	PI/2 BPSK	1	214	23.55	23.59	23.53		
40	PI/2 BPSK	108	0	23.42	23.51	23.25	24.0	0.0
40	PI/2 BPSK	108	54	23.30	23.41	23.12	24.0	0.0
40	PI/2 BPSK	108	108	23.44	23.57	23.33	24.0	0.0
40	PI/2 BPSK	216	0	23.19	23.49	23.21		
40	QPSK	1	1	23.59	23.60	23.47		
40	QPSK	1	108	23.40	23.53	23.38	24.0	0.0
40	QPSK	1	214	23.52	23.47	23.51		
40	QPSK	108	0	23.30	23.49	23.25	24.0	0.0
40	QPSK	108	54	23.54	23.56	23.45	24.0	0.0
40	QPSK	108	108	23.36	23.52	23.39	24.0	0.0
40	QPSK	216	0	23.35	23.51	23.23		
40	16QAM	1	1	23.39	23.50	23.22	24.0	0.0
40	64QAM	1	1	23.25	23.41	23.12	24.0	0.0
40	256QAM	1	1	21.14	21.23	21.04	22.5	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.58	23.51	23.34	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.55	23.58	23.26	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.36	23.39	23.45	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.44	23.59	23.35	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.41	23.52	23.24	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.53	23.39	23.45	24.0	0.0

n66 Ant1 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.24	23.32	23.24	24.0	0.0
40	PI/2 BPSK	1	108	23.00	23.29	23.09		
40	PI/2 BPSK	1	214	23.03	23.34	23.22		
40	PI/2 BPSK	108	0	23.05	23.24	23.12	24.0	0.0
40	PI/2 BPSK	108	54	22.99	23.27	23.14	24.0	0.0
40	PI/2 BPSK	108	108	23.14	23.25	23.11	24.0	0.0
40	PI/2 BPSK	216	0	23.12	23.34	23.02		
40	QPSK	1	1	23.58	23.62	23.49		
40	QPSK	1	108	23.20	23.31	23.15	24.0	0.0
40	QPSK	1	214	23.19	23.35	23.07		
40	QPSK	108	0	22.94	23.21	22.97	24.0	0.0
40	QPSK	108	54	23.54	23.56	23.43	24.0	0.0
40	QPSK	108	108	23.02	23.26	23.00	24.0	0.0
40	QPSK	216	0	23.22	23.31	23.02		
40	16QAM	1	1	23.08	23.21	22.95	24.0	0.0
40	64QAM	1	1	23.32	23.56	23.25	24.0	0.0
40	256QAM	1	1	21.20	21.37	21.06	22.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.45	23.55	23.35	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.45	23.49	23.32	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.58	23.50	23.40	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.48	23.42	23.25	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.51	23.57	23.27	24.0	0.0

n38 Ant1 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	519996		
Frequency (MHz)				2585.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.46	23.49	23.43		
40	PI/2 BPSK	1	53	23.31	23.51	23.38	24.0	0.0
40	PI/2 BPSK	1	104	23.35	23.44	23.25		
40	PI/2 BPSK	50	0	22.78	22.98	22.89	23.5	0.5
40	PI/2 BPSK	50	28	23.14	23.45	23.15	24.0	0.0
40	PI/2 BPSK	50	56	22.58	22.88	22.76	23.5	0.5
40	PI/2 BPSK	100	0	22.66	22.93	22.72		
40	QPSK	1	1	23.51	23.55	23.46		
40	QPSK	1	53	23.34	23.54	23.27	24.0	0.0
40	QPSK	1	104	23.36	23.53	23.25		
40	QPSK	50	0	22.23	22.52	22.22	23.0	1.0
40	QPSK	50	28	23.43	23.46	23.41	24.0	0.0
40	QPSK	50	56	22.32	22.43	22.33	23.0	1.0
40	QPSK	100	0	22.25	22.47	22.36		
40	16QAM	1	1	22.25	22.51	22.26	23.0	1.0
40	64QAM	1	1	21.14	21.31	21.00	21.5	2.5
40	256QAM	1	1	18.96	19.14	18.87	19.5	4.5
Channel				517302	519000	520698	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.40	23.52	23.51	24.0	0.0
Channel				516900	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.42	23.49	23.53	24.0	0.0
Channel				515902	519000	522098	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.53	23.43	23.34	24.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2572.52	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.46	23.50	23.52	24.0	0.0

Par27Q n77 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.03			
100	PI/2 BPSK	1	137		23.01		24.0	0.0
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		22.87		23.5	0.5
100	PI/2 BPSK	135	69		23.06		24.0	0.0
100	PI/2 BPSK	135	138		22.57		23.5	0.5
100	PI/2 BPSK	270	0		22.62			
100	QPSK	1	1		23.12			
100	QPSK	1	137		23.07		24.0	0.0
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.09		23.0	1.0
100	QPSK	135	69		23.05		24.0	0.0
100	QPSK	135	138		22.07		23.0	1.0
100	QPSK	270	0		22.11			
100	16QAM	1	1		22.39		23.0	1.0
100	64QAM	1	1		20.85		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				632000	633334	633968	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.77	23.01	22.96	0.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.85	23.06	22.89	0.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.99	(dBm)	(dB)
70	QPSK	1	1	22.76	23.03	22.90	0.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.76	22.99	22.91	0.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3470.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.82	23.02	23.02	0.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.99	(dBm)	(dB)
40	QPSK	1	1	22.75	23.04	23.00	0.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.84	23.05	23.01	0.0	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3450.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.75	23.01	22.91	0.0	0.0

Part27O n77 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3920		
100	PI/2 BPSK	1	1	22.33	22.34	22.21		
100	PI/2 BPSK	1	137	21.84	22.01	21.95	24.0	0.0
100	PI/2 BPSK	1	271	21.81	22.02	21.73		
100	PI/2 BPSK	135	0	21.59	21.89	21.72	23.5	0.5
100	PI/2 BPSK	135	69	21.69	21.94	21.51	24.0	0.0
100	PI/2 BPSK	135	138	21.68	21.94	21.69	23.5	0.5
100	PI/2 BPSK	270	0	21.73	21.87	21.74		
100	QPSK	1	1	22.21	22.46	22.37		
100	QPSK	1	137	21.23	21.57	21.30	24.0	0.0
100	QPSK	1	271	21.41	21.56	21.32		
100	QPSK	135	0	21.05	21.36	21.31	23.0	1.0
100	QPSK	135	69	22.13	22.20	22.19	24.0	0.0
100	QPSK	135	138	21.12	21.39	21.09	23.0	1.0
100	QPSK	270	0	21.11	21.41	21.19		
100	16QAM	1	1	21.41	21.47	21.35	23.0	1.0
100	64QAM	1	1	19.87	20.21	20.02	21.5	2.5
100	256QAM	1	1	18.12	18.18	17.97	19.5	4.5
Channel				649668	650334	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3835.01	(dBm)	(dB)
90	QPSK	1	1	22.14	22.42	22.27	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3745.01	3840	3840.02	(dBm)	(dB)
80	QPSK	1	1	22.08	22.32	22.30	24.0	0.0
Channel				648000	650000	650000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.20	22.43	22.36	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	22.21	22.43	22.24	24.0	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	22.18	22.40	22.37	24.0	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.06	22.39	22.22	24.0	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	22.19	22.36	22.28	24.0	0.0
Channel				647334	650668	654002	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	22.16	22.31	22.26	24.0	0.0

Part27Q n78 Ant3 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.46		24.0	0.0
100	PI/2 BPSK	1	137		22.49			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.38		24.0	0.0
100	PI/2 BPSK	135	69		22.47		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.56			
100	QPSK	1	271		22.52			
100	QPSK	135	0		22.38		24.0	0.0
100	QPSK	135	69		22.44		24.0	0.0
100	QPSK	135	138		22.41		24.0	0.0
100	QPSK	270	0		22.43			
100	16QAM	1	1		22.26		24.0	0.0
100	64QAM	1	1		22.63		24.0	0.0
100	256QAM	1	1		22.42		24.0	0.0
Channel				632000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.60	22.54	22.46	24.0	0.0
Channel				633968	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.56	22.49	22.48	24.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3460.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.55	22.36	22.49	24.0	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.43	22.38	22.44	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3459.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.62	22.41	22.53	24.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.47	22.48	22.55	24.0	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3469	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.47	22.46	22.56	24.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.41	22.33	22.41	24.0	0.0

Part27O n78 Ant3 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.63		24.0	0.0
100	PI/2 BPSK	1	137		22.64			
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.62		24.0	0.0
100	PI/2 BPSK	135	69		22.56		24.0	0.0
100	PI/2 BPSK	135	138		22.56		24.0	0.0
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		22.81		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.61		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.56		24.0	0.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.71		24.0	0.0
100	64QAM	1	1		22.80		24.0	0.0
100	256QAM	1	1		22.59		24.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.98	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	22.61	22.56	22.57	24.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3749.97	3750	3750.03	(dBm)	(dB)
80	QPSK	1	1	22.49	22.43	22.58	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3750	3750	3750	(dBm)	(dB)
70	QPSK	1	1	22.42	22.54	22.38	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3749.92	3750	3750.01	(dBm)	(dB)
60	QPSK	1	1	22.58	22.54	22.55	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3749.91	3750	3750.02	(dBm)	(dB)
50	QPSK	1	1	22.58	22.48	22.48	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.41	22.49	22.59	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3719.92	3750	3780.01	(dBm)	(dB)
30	QPSK	1	1	22.42	22.52	22.42	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3719.91	3750	3780.02	(dBm)	(dB)
20	QPSK	1	1	22.55	22.45	22.45	24.0	0.0

Part27Q n78 Ant7 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.51		24.0	0.0
100	PI/2 BPSK	1	137		22.50			
100	PI/2 BPSK	1	271		22.48			
100	PI/2 BPSK	135	0		22.51		24.0	0.0
100	PI/2 BPSK	135	69		22.39		24.0	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.0
100	PI/2 BPSK	270	0		22.47			
100	QPSK	1	1		22.65		24.0	0.0
100	QPSK	1	137		22.58			
100	QPSK	1	271		22.60			
100	QPSK	135	0		22.41		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.42		24.0	0.0
100	QPSK	270	0		22.50			
100	16QAM	1	1		22.33		24.0	0.0
100	64QAM	1	1		22.48		24.0	0.0
100	256QAM	1	1		22.54		24.0	0.0
Channel				632000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.54	22.60	22.42	24.0	0.0
Channel				633968	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.44	22.40	22.42	24.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3460.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.36	22.42	22.32	24.0	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.41	22.48	22.41	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3459.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.34	22.40	22.53	24.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.47	22.51	22.41	24.0	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3469	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.44	22.53	22.45	24.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.46	22.47	22.47	24.0	0.0

Part27O n78 Ant7 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.48		24.0	0.0
100	PI/2 BPSK	1	137		22.44			
100	PI/2 BPSK	1	271		22.40			
100	PI/2 BPSK	135	0		22.48		24.0	0.0
100	PI/2 BPSK	135	69		22.41		24.0	0.0
100	PI/2 BPSK	135	138		22.40		24.0	0.0
100	PI/2 BPSK	270	0		22.44		24.0	0.0
100	QPSK	1	1		22.52			
100	QPSK	1	137		22.51			
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.43		24.0	0.0
100	QPSK	135	69		22.51		24.0	0.0
100	QPSK	135	138		22.45		24.0	0.0
100	QPSK	270	0		22.42			
100	16QAM	1	1		22.42		24.0	0.0
100	64QAM	1	1		22.40		24.0	0.0
100	256QAM	1	1		22.39		24.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.98	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	22.38	22.43	22.32	24.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3749.97	3750	3750.03	(dBm)	(dB)
80	QPSK	1	1	22.43	22.26	22.37	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3750	3750	3750	(dBm)	(dB)
70	QPSK	1	1	22.37	22.42	22.32	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3749.92	3750	3750.01	(dBm)	(dB)
60	QPSK	1	1	22.37	22.39	22.37	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3749.91	3750	3750.02	(dBm)	(dB)
50	QPSK	1	1	22.30	22.20	22.27	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.40	22.41	22.34	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3719.92	3750	3780.01	(dBm)	(dB)
30	QPSK	1	1	22.28	22.34	22.41	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3719.91	3750	3780.02	(dBm)	(dB)
20	QPSK	1	1	22.35	22.26	22.40	24.0	0.0

Part27Q n78 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.93			
100	PI/2 BPSK	1	137		23.01		24.0	0.0
100	PI/2 BPSK	1	271		22.98			
100	PI/2 BPSK	135	0		23.03		24.0	0.0
100	PI/2 BPSK	135	69		22.97		24.0	0.0
100	PI/2 BPSK	135	138		22.87		24.0	0.0
100	PI/2 BPSK	270	0		22.95			
100	QPSK	1	1		23.06			
100	QPSK	1	137		23.01		24.0	0.0
100	QPSK	1	271		22.91			
100	QPSK	135	0		22.85		24.0	0.0
100	QPSK	135	69		23.01		24.0	0.0
100	QPSK	135	138		22.97		24.0	0.0
100	QPSK	270	0		22.94			
100	16QAM	1	1		22.84		24.0	0.0
100	64QAM	1	1		22.98		24.0	0.0
100	256QAM	1	1		20.96		22.5	1.5
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3466	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.88	22.73	22.67	24.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.72	22.47	22.45	24.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.78	22.55	22.52	24.0	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
60	QPSK	1	1	22.58	22.56	22.53	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.56	22.59	22.57	24.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.66	22.55	22.38	24.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	22.57	22.52	22.41	24.0	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.60	22.64	22.48	24.0	0.0

Part27O n78 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.39			
100	PI/2 BPSK	1	137		22.33		24.0	0.0
100	PI/2 BPSK	1	271		22.25			
100	PI/2 BPSK	135	0		22.31		24.0	0.0
100	PI/2 BPSK	135	69		22.33		24.0	0.0
100	PI/2 BPSK	135	138		22.19		24.0	0.0
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.41			
100	QPSK	1	137		22.35		24.0	0.0
100	QPSK	1	271		22.23			
100	QPSK	135	0		22.19		24.0	0.0
100	QPSK	135	69		22.21		24.0	0.0
100	QPSK	135	138		22.14		24.0	0.0
100	QPSK	270	0		22.32			
100	16QAM	1	1		22.22		24.0	0.0
100	64QAM	1	1		22.16		24.0	0.0
100	256QAM	1	1		20.95		22.5	1.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	21.98	22.06	22.13	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	21.67	21.91	21.87	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	21.74	21.90	21.97	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3739.02	3750	3760.01	(dBm)	(dB)
60	QPSK	1	1	21.81	21.76	21.87	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3735.01	3750	3764.98	(dBm)	(dB)
50	QPSK	1	1	21.74	21.94	22.04	24.0	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.78	21.96	21.83	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.86	21.89	21.86	24.0	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.68	21.93	21.88	24.0	0.0

Part27Q n78 PC2 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.53			
100	PI/2 BPSK	1	137		25.65		27.0	0.0
100	PI/2 BPSK	1	271		25.67			
100	PI/2 BPSK	135	0		25.65		27.0	0.0
100	PI/2 BPSK	135	69		25.62		27.0	0.0
100	PI/2 BPSK	135	138		25.48		27.0	0.0
100	PI/2 BPSK	270	0		25.57			
100	QPSK	1	1		25.70			
100	QPSK	1	137		25.65		27.0	0.0
100	QPSK	1	271		25.64			
100	QPSK	135	0		25.53		27.0	0.0
100	QPSK	135	69		25.61		27.0	0.0
100	QPSK	135	138		25.51		27.0	0.0
100	QPSK	270	0		25.56			
100	16QAM	1	1		25.63		27.0	0.0
100	64QAM	1	1		25.56		27.0	0.0
100	256QAM	1	1		25.69		27.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
90	QPSK	1	1	25.47	25.45	25.39	27.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3500.01	3520	(dBm)	(dB)
80	QPSK	1	1	25.49	25.53	25.46	27.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.54	25.42	25.44	27.0	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.58	25.48	25.42	27.0	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	25.41	25.48	25.28	27.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.41	25.53	25.27	27.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	25.54	25.48	25.37	27.0	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	25.54	25.41	25.47	27.0	0.0

Part27O n78 PC2 Ant2 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High (Tp2) Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.94			
100	PI/2 BPSK	1	137		25.25		27.0	0.0
100	PI/2 BPSK	1	271		25.26			
100	PI/2 BPSK	135	0		24.72		26.5	0.5
100	PI/2 BPSK	135	69		25.33		27.0	0.0
100	PI/2 BPSK	135	138		24.74		26.5	0.5
100	PI/2 BPSK	270	0		24.84			
100	QPSK	1	1		25.55			
100	QPSK	1	137		25.40		27.0	0.0
100	QPSK	1	271		25.33			
100	QPSK	135	0		24.42		26.0	1.0
100	QPSK	135	69		25.22		27.0	0.0
100	QPSK	135	138		24.22		26.0	1.0
100	QPSK	270	0		24.33			
100	16QAM	1	1		24.09		26.0	1.0
100	64QAM	1	1		23.06		25.0	2.0
100	256QAM	1	1		20.95		23.0	4.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	25.25	25.44	25.34	27.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	25.01	25.26	25.18	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	25.09	25.24	25.21	27.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3739.02	3750	3760.01	(dBm)	(dB)
60	QPSK	1	1	25.07	25.28	25.09	27.0	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3735.01	3750	3764.98	(dBm)	(dB)
50	QPSK	1	1	25.04	25.27	25.21	27.0	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.99	25.20	25.26	27.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	24.94	25.12	25.08	27.0	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	25.13	25.27	25.20	27.0	0.0

Part27Q n78 PC2 Ant7 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.59		27.0	0.0
100	PI/2 BPSK	1	137		25.55			
100	PI/2 BPSK	1	271		25.53			
100	PI/2 BPSK	135	0		25.48		27.0	0.0
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		25.36		27.0	0.0
100	PI/2 BPSK	270	0		25.54			
100	QPSK	1	1		25.64		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.53			
100	QPSK	135	0		25.53		27.0	0.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		25.35		27.0	0.0
100	QPSK	270	0		25.54			
100	16QAM	1	1		25.43		27.0	0.0
100	64QAM	1	1		25.33		27.0	0.0
100	256QAM	1	1		25.35		27.0	0.0
Channel				632000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3456	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.54	25.60	25.52	27.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	25.54	25.61	25.54	27.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.55	25.61	25.51	27.0	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.53	25.60	25.53	27.0	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	25.53	25.59	25.52	27.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.54	25.59	25.49	27.0	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.57	25.58	25.54	27.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	25.52	25.62	25.50	27.0	0.0

Part27O n78 PC2 Ant7 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.59			
100	PI/2 BPSK	1	271		25.39		27.0	0.0
100	PI/2 BPSK	135	0		25.32			
100	PI/2 BPSK	135	69		25.42		27.0	0.0
100	PI/2 BPSK	135	138		25.14		27.0	0.0
100	PI/2 BPSK	270	0		25.34		27.0	0.0
100	QPSK	1	1		25.73		27.0	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.51		27.0	0.0
100	QPSK	135	0		25.35			
100	QPSK	135	69		25.42		27.0	0.0
100	QPSK	135	138		25.33		27.0	0.0
100	QPSK	270	0		25.47		27.0	0.0
100	16QAM	1	1		25.63		27.0	0.0
100	64QAM	1	1		25.62		27.0	0.0
100	256QAM	1	1		25.36		27.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	25.57	25.47	25.44	27.0	0.0
Channel				648334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	25.55	25.53	25.48	27.0	0.0
Channel				648000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	25.47	25.44	25.58	27.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3746.02	3750	3753.01	(dBm)	(dB)
60	QPSK	1	1	25.46	25.50	25.49	27.0	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3755.02	(dBm)	(dB)
50	QPSK	1	1	25.54	25.54	25.52	27.0	0.0
Channel				648002	650002	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.52	25.41	25.43	27.0	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3719.02	3750	3780.01	(dBm)	(dB)
30	QPSK	1	1	25.59	25.54	25.51	27.0	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3719.01	3750	3780.02	(dBm)	(dB)
20	QPSK	1	1	25.53	25.55	25.52	27.0	0.0

Part27Q n78 Ant8 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.96		22.9	0.0
100	PI/2 BPSK	1	137		22.04			
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.01		22.9	0.0
100	PI/2 BPSK	135	69		21.99		22.9	0.0
100	PI/2 BPSK	135	138		21.98		22.9	0.0
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.19		22.9	0.0
100	QPSK	1	137		22.14			
100	QPSK	1	271		22.08			
100	QPSK	135	0		22.01		22.9	0.0
100	QPSK	135	69		21.98		22.9	0.0
100	QPSK	135	138		21.96		22.9	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.86		22.9	0.0
100	64QAM	1	1		22.18		22.9	0.0
100	256QAM	1	1		21.89		22.9	0.0
Channel				632000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3456	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.03	22.05	22.02	22.9	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.96	22.13	21.95	22.9	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.90	22.18	21.97	22.9	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.08	22.18	22.08	22.9	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.95	21.98	21.91	22.9	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.98	22.11	21.86	22.9	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.97	22.08	21.87	22.9	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.83	22.12	21.87	22.9	0.0

Part27O n78 Ant8 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.84		22.9	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.96		22.9	0.0
100	PI/2 BPSK	135	0		21.71			
100	PI/2 BPSK	135	69		21.82		22.9	0.0
100	PI/2 BPSK	135	138		21.85		22.9	0.0
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		22.00		22.9	0.0
100	QPSK	1	137		21.99			
100	QPSK	1	271		21.98		22.9	0.0
100	QPSK	135	0		21.77			
100	QPSK	135	69		21.81		22.9	0.0
100	QPSK	135	138		21.85		22.9	0.0
100	QPSK	270	0		21.81		22.9	0.0
100	16QAM	1	1		21.87		22.9	0.0
100	64QAM	1	1		21.95		22.9	0.0
100	256QAM	1	1		21.86		22.9	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	21.85	21.83	21.85	22.9	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	21.94	21.76	21.77	22.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	21.82	21.93	21.79	22.9	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3746.02	3750	3753.01	(dBm)	(dB)
60	QPSK	1	1	21.82	21.73	21.69	22.9	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3755.02	(dBm)	(dB)
50	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
Channel				648002	650002	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.81	21.74	21.75	22.9	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3719.02	3750	3780.01	(dBm)	(dB)
30	QPSK	1	1	21.92	21.72	21.93	22.9	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3719.01	3750	3780.02	(dBm)	(dB)
20	QPSK	1	1	21.79	21.71	21.81	22.9	0.0

Reduced Power Mode for 5G NR

n5 NSA Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.64	22.89	22.71	24.0	0.0
20	PI/2 BPSK	1	53	22.65	22.94	22.81		
20	PI/2 BPSK	1	104	22.65	22.92	22.83		
20	PI/2 BPSK	50	0	22.81	22.93	22.85	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.95	22.73	24.0	0.0
20	PI/2 BPSK	50	56	22.73	22.92	22.73	24.0	0.0
20	PI/2 BPSK	100	0	22.68	23.00	22.70		
20	QPSK	1	1	23.45	23.48	23.39		
20	QPSK	1	53	22.74	22.96	22.68	24.0	0.0
20	QPSK	1	104	22.70	22.95	22.83		
20	QPSK	50	0	22.67	22.90	22.59	24.0	0.0
20	QPSK	50	28	23.32	23.36	23.35	24.0	0.0
20	QPSK	50	56	22.75	22.91	22.68	24.0	0.0
20	QPSK	100	0	22.73	22.99	22.90		
20	16QAM	1	1	22.46	22.77	22.68	24.0	0.0
20	64QAM	1	1	23.06	23.28	23.14	24.0	0.0
20	256QAM	1	1	21.32	21.52	21.24	22.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.35	23.30	23.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.22	23.27	23.20	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.29	23.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.38	22.51	22.33	24.0	0.0
40	PI/2 BPSK	1	108	22.14	22.41	22.26		
40	PI/2 BPSK	1	214	22.28	22.48	22.29		
40	PI/2 BPSK	108	0	22.24	22.41	22.31	24.0	0.0
40	PI/2 BPSK	108	54	22.08	22.33	22.17	24.0	0.0
40	PI/2 BPSK	108	108	22.13	22.37	22.08	24.0	0.0
40	PI/2 BPSK	216	0	22.10	22.35	22.06		
40	QPSK	1	1	22.82	22.84	22.71		
40	QPSK	1	108	22.24	22.40	22.16	24.0	0.0
40	QPSK	1	214	22.18	22.45	22.20		
40	QPSK	108	0	22.11	22.39	22.08	24.0	0.0
40	QPSK	108	54	22.59	22.71	22.62	24.0	0.0
40	QPSK	108	108	22.14	22.36	22.09	24.0	0.0
40	QPSK	216	0	22.17	22.32	22.02		
40	16QAM	1	1	22.22	22.38	22.18	23.5	0.5
40	64QAM	1	1	22.05	22.24	21.97	22.5	1.5
40	256QAM	1	1	19.81	20.07	19.92	21.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.48	22.73	22.52	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.55	22.57	22.37	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.66	22.71	22.51	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.50	22.59	22.47	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.48	22.53	22.46	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.63	22.51	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.19	18.13	18.23	19.3	0.0
40	PI/2 BPSK	1	108	18.15	18.15	18.23		
40	PI/2 BPSK	1	214	18.23	18.17	18.26		
40	PI/2 BPSK	108	0	18.22	18.25	18.15	19.3	0.0
40	PI/2 BPSK	108	54	18.25	18.21	18.20	19.3	0.0
40	PI/2 BPSK	108	108	18.21	18.12	18.26	19.3	0.0
40	PI/2 BPSK	216	0	18.23	18.19	18.21		
40	QPSK	1	1	18.17	19.27	18.16		
40	QPSK	1	108	18.17	18.17	18.21	19.3	0.0
40	QPSK	1	214	18.14	18.19	18.17		
40	QPSK	108	0	18.21	18.20	18.17	19.3	0.0
40	QPSK	108	54	18.20	18.22	18.12	19.3	0.0
40	QPSK	108	108	18.20	18.19	18.18	19.3	0.0
40	QPSK	216	0	18.22	18.25	18.24		
40	16QAM	1	1	18.25	18.17	18.21	19.3	0.0
40	64QAM	1	1	18.15	18.20	18.24	19.3	0.0
40	256QAM	1	1	18.22	18.24	18.24	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.02	18.16	18.11	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.13	18.25	18.10	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.14	18.19	18.07	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.07	18.17	18.07	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.07	18.17	18.13	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.10	18.24	18.14	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.11	16.18	16.12	17.4	0.0
40	PI/2 BPSK	1	108	16.09	16.09	16.06		
40	PI/2 BPSK	1	214	16.09	16.11	16.13		
40	PI/2 BPSK	108	0	16.12	16.15	16.20	17.4	0.0
40	PI/2 BPSK	108	54	16.15	16.19	16.08	17.4	0.0
40	PI/2 BPSK	108	108	16.10	16.10	16.09	17.4	0.0
40	PI/2 BPSK	216	0	16.14	16.07	16.08		
40	QPSK	1	1	16.11	16.21	16.17		
40	QPSK	1	108	16.18	16.08	16.08	17.4	0.0
40	QPSK	1	214	16.14	16.08	16.19		
40	QPSK	108	0	16.11	16.07	16.09	17.4	0.0
40	QPSK	108	54	16.05	16.12	16.11	17.4	0.0
40	QPSK	108	108	16.10	16.07	16.11	17.4	0.0
40	QPSK	216	0	16.10	16.13	16.09		
40	16QAM	1	1	16.15	16.16	16.07	17.4	0.0
40	64QAM	1	1	16.08	16.16	16.14	17.4	0.0
40	256QAM	1	1	16.16	16.08	16.08	17.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.08	16.13	16.15	17.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.01	16.09	16.04	17.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.09	16.09	16.12	17.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.01	16.11	16.17	17.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.98	16.06	16.04	17.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.39	17.31	17.36		
40	PI/2 BPSK	1	53	17.36	17.34	17.40	18.8	0.0
40	PI/2 BPSK	1	104	17.37	17.32	17.38		
40	PI/2 BPSK	50	0	17.39	17.42	17.31	18.8	0.0
40	PI/2 BPSK	50	28	17.30	17.35	17.44	18.8	0.0
40	PI/2 BPSK	50	56	17.42	17.32	17.37	18.8	0.0
40	PI/2 BPSK	100	0	17.36	17.43	17.38		
40	QPSK	1	1	17.45	17.53	17.40		
40	QPSK	1	53	17.33	17.40	17.39	18.8	0.0
40	QPSK	1	104	17.42	17.36	17.35		
40	QPSK	50	0	17.37	17.36	17.34	18.8	0.0
40	QPSK	50	28	17.41	17.46	17.45	18.8	0.0
40	QPSK	50	56	17.39	17.43	17.40	18.8	0.0
40	QPSK	100	0	17.33	17.44	17.42	18.8	0.0
40	16QAM	1	1	17.33	17.37	17.39	18.8	0.0
40	64QAM	1	1	17.37	17.45	17.42	18.8	0.0
40	256QAM	1	1	17.40	17.44	17.33	18.8	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	17.27	17.34	17.22	18.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	17.11	17.34	17.23	18.8	0.0
Channel				515002	519000	522998	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	17.29	17.34	17.28	18.8	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	17.25	17.44	17.17	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.03			
100	PI/2 BPSK	1	137		21.01		21.7	0.0
100	PI/2 BPSK	1	271		21.03			
100	PI/2 BPSK	135	0		20.87		21.7	0.0
100	PI/2 BPSK	135	69		21.06		21.7	0.0
100	PI/2 BPSK	135	138		20.57		21.7	0.0
100	PI/2 BPSK	270	0		20.62			
100	QPSK	1	1		21.12			
100	QPSK	1	137		21.07		21.7	0.0
100	QPSK	1	271		21.03			
100	QPSK	135	0		21.02		21.7	0.0
100	QPSK	135	69		21.09		21.7	0.0
100	QPSK	135	138		21.07			
100	QPSK	270	0		21.11		21.7	0.0
100	16QAM	1	1		21.01		21.7	0.0
100	64QAM	1	1		20.85		21.5	0.2
100	256QAM	1	1		18.69		19.5	2.2
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.65	20.99	20.90	0.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.71	20.88	20.85	0.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.70	20.89	20.96	0.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.64	20.93	20.94	0.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.76	20.93	20.91	0.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.73	20.96	20.99	0.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.63	20.96	20.92	0.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.73	20.89	20.98	0.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3700	3840	3920		
100	PI/2 BPSK	1	1	20.33	20.34	20.21		
100	PI/2 BPSK	1	137	19.84	20.01	19.95	21.7	0.0
100	PI/2 BPSK	1	271	19.81	20.02	19.73		
100	PI/2 BPSK	135	0	19.59	19.89	19.72	21.7	0.0
100	PI/2 BPSK	135	69	19.69	19.84	19.51	21.7	0.0
100	PI/2 BPSK	135	138	19.68	19.94	19.69		
100	PI/2 BPSK	270	0	19.73	19.87	19.74	21.7	0.0
100	QPSK	1	1	20.21	20.46	20.37		
100	QPSK	1	137	19.23	19.57	19.30	21.7	0.0
100	QPSK	1	271	19.41	19.56	19.32		
100	QPSK	135	0	20.01	20.06	20.01	21.7	0.0
100	QPSK	135	69	20.13	20.20	20.19	21.7	0.0
100	QPSK	135	138	19.62	19.89	19.59		
100	QPSK	270	0	19.91	20.11	19.89	21.7	0.0
100	16QAM	1	1	19.91	19.97	19.85	21.7	0.0
100	64QAM	1	1	19.87	20.21	20.02	21.5	0.2
100	256QAM	1	1	18.12	18.18	17.97	19.5	2.2
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.05	20.25	20.01	21.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	19.99	20.30	20.03	21.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.99	20.25	20.07	21.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	19.99	20.24	20.12	21.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.07	20.21	19.99	21.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.07	20.30	20.10	21.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.01	20.25	20.02	21.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	19.99	20.31	20.01	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.43			
100	PI/2 BPSK	1	137		21.51		22.0	0.0
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		21.53		22.0	0.0
100	PI/2 BPSK	135	69		21.47		22.0	0.0
100	PI/2 BPSK	135	138		21.37		22.0	0.0
100	PI/2 BPSK	270	0		21.45			
100	QPSK	1	1		21.56		22.0	0.0
100	QPSK	1	137		21.51			
100	QPSK	1	271		21.41			
100	QPSK	135	0		21.51		22.0	0.0
100	QPSK	135	69		21.55		22.0	0.0
100	QPSK	135	138		21.37		22.0	0.0
100	QPSK	270	0		21.44		22.0	0.0
100	16QAM	1	1		21.34		22.0	0.0
100	64QAM	1	1		21.48		22.0	0.0
100	256QAM	1	1		20.96		22.0	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.24	21.12	21.06	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.38	21.21	21.03	22.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.27	21.15	21.03	22.0	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.30	21.10	21.09	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.25	21.13	21.10	22.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.23	21.18	21.11	22.0	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.31	21.12	21.15	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.34	21.22	21.15	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.89			
100	PI/2 BPSK	1	137		20.83		22.0	0.0
100	PI/2 BPSK	1	271		20.75			
100	PI/2 BPSK	135	0		20.81		22.0	0.0
100	PI/2 BPSK	135	69		20.83		22.0	0.0
100	PI/2 BPSK	135	138		20.69		22.0	0.0
100	PI/2 BPSK	270	0		20.84			
100	QPSK	1	1		20.91		22.0	0.0
100	QPSK	1	137		20.86			
100	QPSK	1	271		20.73			
100	QPSK	135	0		20.71		22.0	0.0
100	QPSK	135	69		20.89		22.0	0.0
100	QPSK	135	138		20.74		22.0	0.0
100	QPSK	270	0		20.82		22.0	0.0
100	16QAM	1	1		20.72		22.0	0.0
100	64QAM	1	1		20.68		22.0	0.0
100	256QAM	1	1		20.65		22.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.41	20.52	20.54	22.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.37	20.49	20.59	22.0	0.0
Channel				649002	650000	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.36	20.45	20.50	22.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.48	20.50	20.57	22.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.36	20.48	20.49	22.0	0.0
Channel				648002	650000	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.41	20.49	20.60	22.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.44	20.50	20.51	22.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.35	20.48	20.62	22.0	0.0

Part27Q n78 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.46			
100	PI/2 BPSK	1	137		22.49		24.0	0.0
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.38		24.0	0.0
100	PI/2 BPSK	135	69		22.47		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.56			
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.38		24.0	0.0
100	QPSK	135	69		22.44		24.0	0.0
100	QPSK	135	138		22.41		24.0	0.0
100	QPSK	270	0		22.43		24.0	0.0
100	16QAM	1	1		22.26		24.0	0.0
100	64QAM	1	1		22.63		24.0	0.0
100	256QAM	1	1		22.42		24.0	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.60	22.54	22.46	24.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.56	22.49	22.48	24.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.55	22.36	22.49	24.0	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.43	22.38	22.44	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.62	22.41	22.53	24.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.47	22.48	22.50	24.0	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.47	22.46	22.56	24.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.41	22.33	22.41	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.83			
100	PI/2 BPSK	1	137		22.64		24.0	0.0
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.62		24.0	0.0
100	PI/2 BPSK	135	69		22.55		24.0	0.0
100	PI/2 BPSK	135	138		22.56		24.0	0.0
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		22.81		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.61		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.56		24.0	0.0
100	QPSK	270	0		22.62		24.0	0.0
100	16QAM	1	1		22.71		24.0	0.0
100	64QAM	1	1		22.80		24.0	0.0
100	256QAM	1	1		22.59		24.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.61	22.56	22.57	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.49	22.43	22.58	24.0	0.0
Channel				649002	650000	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.42	22.54	22.38	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.58	22.54	22.55	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.58	22.48	22.48	24.0	0.0
Channel				648002	650000	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.41	22.49	22.59	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.42	22.52	22.42	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.55	22.45	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		22.51		24.0	0.0
100	PI/2 BPSK	1	137		22.50			
100	PI/2 BPSK	1	271		22.48		24.0	0.0
100	PI/2 BPSK	135	0		22.51		24.0	0.0
100	PI/2 BPSK	135	69		22.39		24.0	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.0
100	PI/2 BPSK	270	0		22.47			
100	QPSK	1	1		22.85		24.0	0.0
100	QPSK	1	137		22.58			
100	QPSK	1	271		22.60		24.0	0.0
100	QPSK	135	0		22.41		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.42		24.0	0.0
100	QPSK	270	0		22.50		24.0	0.0
100	16QAM	1	1		22.33		24.0	0.0
100	64QAM	1	1		22.48		24.0	0.0
100	256QAM	1	1		22.54		24.0	0.0
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3504.99		
90	QPSK	1	1	22.54	22.60	22.42	24.0	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	22.44	22.40	22.42	24.0	0.0
	Channel			632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3514.98		
70	QPSK	1	1	22.38	22.42	22.32	24.0	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3519.99		
60	QPSK	1	1	22.41	22.48	22.41	24.0	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	22.34	22.40	22.53	24.0	0.0
	Channel			631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3529.98		
40	QPSK	1	1	22.47	22.51	22.41	24.0	0.0
	Channel			631002	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3534.99		
30	QPSK	1	1	22.44	22.53	22.45	24.0	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	22.46	22.47	22.47	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		22.48		24.0	0.0
100	PI/2 BPSK	1	137		22.44			
100	PI/2 BPSK	1	271		22.40		24.0	0.0
100	PI/2 BPSK	135	0		22.48		24.0	0.0
100	PI/2 BPSK	135	69		22.41		24.0	0.0
100	PI/2 BPSK	135	138		22.40		24.0	0.0
100	PI/2 BPSK	270	0		22.44		24.0	0.0
100	QPSK	1	1		22.52			
100	QPSK	1	137		22.51		24.0	0.0
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.43		24.0	0.0
100	QPSK	135	69		22.51		24.0	0.0
100	QPSK	135	138		22.45		24.0	0.0
100	QPSK	270	0		22.42		24.0	0.0
100	16QAM	1	1		22.42		24.0	0.0
100	64QAM	1	1		22.40		24.0	0.0
100	256QAM	1	1		22.39		24.0	0.0
	Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3755.01		
90	QPSK	1	1	22.38	22.43	22.32	24.0	0.0
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3750	3760.02		
80	QPSK	1	1	22.43	22.26	22.37	24.0	0.0
	Channel			649000	650000	651002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	22.37	22.42	22.32	24.0	0.0
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3770.01		
60	QPSK	1	1	22.37	22.39	22.37	24.0	0.0
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3775.02		
50	QPSK	1	1	22.30	22.20	22.27	24.0	0.0
	Channel			648000	650000	652002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	22.40	22.41	22.34	24.0	0.0
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3785.01		
30	QPSK	1	1	22.28	22.34	22.41	24.0	0.0
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3790.02		
20	QPSK	1	1	22.35	22.35	22.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		25.59		27.0	0.0
100	PI/2 BPSK	1	137		25.55			
100	PI/2 BPSK	1	271		25.53		27.0	0.0
100	PI/2 BPSK	135	0		25.48		27.0	0.0
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		25.36		27.0	0.0
100	PI/2 BPSK	270	0		25.54			
100	QPSK	1	1		25.64		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.53		27.0	0.0
100	QPSK	135	0		25.53		27.0	0.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		25.55		27.0	0.0
100	QPSK	270	0		25.54		27.0	0.0
100	16QAM	1	1		25.43		27.0	0.0
100	64QAM	1	1		25.33		27.0	0.0
100	256QAM	1	1		25.35		27.0	0.0
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3504.99		
90	QPSK	1	1	25.54	25.60	25.52	27.0	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	25.54	25.61	25.54	27.0	0.0
	Channel			632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3514.98		
70	QPSK	1	1	25.55	25.61	25.51	27.0	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3519.99		
60	QPSK	1	1	25.53	25.60	25.53	27.0	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.59	25.52	27.0	0.0
	Channel			631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3529.98		
40	QPSK	1	1	25.54	25.59	25.49	27.0	0.0
	Channel			631002	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3534.99		
30	QPSK	1	1	25.57	25.58	25.54	27.0	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	25.52	25.62	25.50	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.50			
100	PI/2 BPSK	1	271		25.39		27.0	0.0
100	PI/2 BPSK	135	0		25.52			
100	PI/2 BPSK	135	69		25.42		27.0	0.0
100	PI/2 BPSK	135	138		25.14		27.0	0.0
100	PI/2 BPSK	270	0		25.34		27.0	0.0
100	QPSK	1	1		25.73		27.0	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.51		27.0	0.0
100	QPSK	135	0		25.35			
100	QPSK	135	69		25.42		27.0	0.0
100	QPSK	135	138		25.35		27.0	0.0
100	QPSK	270	0		25.47		27.0	0.0
100	16QAM	1	1		25.63		27.0	0.0
100	64QAM	1	1		25.62		27.0	0.0
100	256QAM	1	1		25.36		27.0	0.0
	Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3755.01		
90	QPSK	1	1	25.57	25.47	25.44	27.0	0.0
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3750	3760.02		
80	QPSK	1	1	25.55	25.53	25.48	27.0	0.0
	Channel			649000	650000	651002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	25.47	25.44	25.58	27.0	0.0
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3770.01		
60	QPSK	1	1	25.46	25.50	25.49	27.0	0.0
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3775.02		
50	QPSK	1	1	25.54	25.54	25.52	27.0	0.0
	Channel			648000	650000	652002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	25.52	25.41	25.43	27.0	0.0
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3785.01		
30	QPSK	1	1	25.59	25.54	25.51	27.0	0.0
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3790.02		
20	QPSK	1	1	25.53	25.55	25.52	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.96		22.9	0.0
100	PI/2 BPSK	1	137		22.04			
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.01		22.9	0.0
100	PI/2 BPSK	135	69		21.99		22.9	0.0
100	PI/2 BPSK	135	138		21.98		22.9	0.0
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.19		22.9	0.0
100	QPSK	1	137		22.14			
100	QPSK	1	271		22.08			
100	QPSK	135	0		21.91		22.9	0.0
100	QPSK	135	69		21.96		22.9	0.0
100	QPSK	135	138		21.96		22.9	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.96		22.9	0.0
100	64QAM	1	1		22.18		22.9	0.0
100	256QAM	1	1		21.89		22.9	0.0
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3504.99		
90	QPSK	1	1	22.03	22.05	22.02	22.9	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	21.96	22.13	21.95	22.9	0.0
	Channel			632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3514.98		
70	QPSK	1	1	21.90	22.18	21.97	22.9	0.0
	Channel			632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3519.99		
60	QPSK	1	1	22.08	22.18	22.08	22.9	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	21.95	21.98	21.91	22.9	0.0
	Channel			631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3529.98		
40	QPSK	1	1	21.98	22.11	21.86	22.9	0.0
	Channel			631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3534.99		
30	QPSK	1	1	21.97	22.08	21.87	22.9	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	21.88	22.12	21.87	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		21.84		22.9	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.98		22.9	0.0
100	PI/2 BPSK	135	0		21.71			
100	PI/2 BPSK	135	69		21.82		22.9	0.0
100	PI/2 BPSK	135	138		21.85		22.9	0.0
100	PI/2 BPSK	270	0		21.82		22.9	0.0
100	QPSK	1	1		22.00			
100	QPSK	1	137		21.99		22.9	0.0
100	QPSK	1	271		21.98			
100	QPSK	135	0		21.77		22.9	0.0
100	QPSK	135	69		21.81		22.9	0.0
100	QPSK	135	138		21.75		22.9	0.0
100	QPSK	270	0		21.81		22.9	0.0
100	16QAM	1	1		21.87		22.9	0.0
100	64QAM	1	1		21.95		22.9	0.0
100	256QAM	1	1		21.86		22.9	0.0
	Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3755.01		
90	QPSK	1	1	21.85	21.83	21.85	22.9	0.0
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3750	3760.02		
80	QPSK	1	1	21.94	21.76	21.77	22.9	0.0
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3770.01		
60	QPSK	1	1	21.82	21.73	21.69	22.9	0.0
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3775.02		
50	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	21.81	21.74	21.75	22.9	0.0
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3785.01		
30	QPSK	1	1	21.92	21.72	21.93	22.9	0.0
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3790.02		
20	QPSK	1	1	21.79	21.71	21.91	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	834.5	835		
20	PI/2 BPSK	1	1	22.64	22.89	22.71	24.0	0.0
20	PI/2 BPSK	1	53	22.65	22.94	22.81		
20	PI/2 BPSK	1	104	22.65	22.92	22.63		
20	PI/2 BPSK	50	0	22.81	22.93	22.85	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.95	22.73	24.0	0.0
20	PI/2 BPSK	50	56	22.73	22.92	22.73	24.0	0.0
20	PI/2 BPSK	100	0	22.68	23.00	22.70		
20	QPSK	1	1	23.45	23.48	23.39	24.0	0.0
20	QPSK	1	53	22.74	22.96	22.68		
20	QPSK	1	104	22.70	22.95	22.83		
20	QPSK	50	0	22.67	22.90	22.59	24.0	0.0
20	QPSK	50	28	23.32	23.36	23.35	24.0	0.0
20	QPSK	50	56	22.75	22.91	22.68	24.0	0.0
20	QPSK	100	0	22.73	22.99	22.90	24.0	0.0
20	16QAM	1	1	22.46	22.77	22.68	24.0	0.0
20	64QAM	1	1	23.06	23.28	23.14	24.0	0.0
20	256QAM	1	1	21.32	21.52	21.24	22.5	1.5
Channel				166300	167000	167700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	835.5	841.5		
15	QPSK	1	1	23.35	23.30	23.19	24.0	0.0
Channel				166150	167000	167850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	835.5	844		
10	QPSK	1	1	23.22	23.27	23.20	24.0	0.0
Channel				165975	167000	168025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	835.5	846.5		
5	QPSK	1	1	23.28	23.29	23.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.02	19.03	19.02	20.4	0.0
40	PI/2 BPSK	1	108	19.12	19.04	19.09		
40	PI/2 BPSK	1	214	19.13	19.13	19.09		
40	PI/2 BPSK	108	0	19.02	19.01	19.07	20.4	0.0
40	PI/2 BPSK	108	54	18.99	19.07	19.08	20.4	0.0
40	PI/2 BPSK	108	108	18.99	19.13	19.11	20.4	0.0
40	PI/2 BPSK	216	0	19.12	19.12	19.08		
40	QPSK	1	1	19.11	19.18	19.09	20.4	0.0
40	QPSK	1	108	19.00	19.09	19.04		
40	QPSK	1	214	19.08	19.04	19.03		
40	QPSK	108	0	18.98	19.02	19.05	20.4	0.0
40	QPSK	108	54	19.04	19.11	19.05	20.4	0.0
40	QPSK	108	108	19.05	19.10	19.04	20.4	0.0
40	QPSK	216	0	19.01	19.07	19.04	20.4	0.0
40	16QAM	1	1	19.10	19.01	19.02	20.4	0.0
40	64QAM	1	1	19.01	19.09	19.01	20.4	0.0
40	256QAM	1	1	19.05	19.02	19.13	20.4	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.07	19.12	19.01	20.4	0.0
Channel				503250	507000	511750	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.04	19.01	19.00	20.4	0.0
Channel				503000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.95	18.94	19.03	20.4	0.0
Channel				502750	507000	512250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.95	18.94	19.03	20.4	0.0
Channel				502500	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.01	18.98	18.98	20.4	0.0
Channel				502250	507000	513750	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.04	19.00	18.99	20.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.73	18.69	18.60	20.3	0.0
40	PI/2 BPSK	1	108	18.62	18.64	18.75		
40	PI/2 BPSK	1	214	18.63	18.73	18.66		
40	PI/2 BPSK	108	0	18.69	18.61	18.65	20.3	0.0
40	PI/2 BPSK	108	54	18.71	18.68	18.63	20.3	0.0
40	PI/2 BPSK	108	108	18.65	18.60	18.72	20.3	0.0
40	PI/2 BPSK	216	0	18.63	18.64	18.71		
40	QPSK	1	1	18.74	18.88	18.71	20.3	0.0
40	QPSK	1	108	18.62	18.64	18.63		
40	QPSK	1	214	18.62	18.68	18.61		
40	QPSK	108	0	18.66	18.72	18.65	20.3	0.0
40	QPSK	108	54	18.73	18.85	18.65	20.3	0.0
40	QPSK	108	108	18.71	18.70	18.75	20.3	0.0
40	QPSK	216	0	18.63	18.70	18.64	20.3	0.0
40	16QAM	1	1	18.65	18.72	18.72	20.3	0.0
40	64QAM	1	1	18.61	18.63	18.62	20.3	0.0
40	256QAM	1	1	18.66	18.60	18.61	20.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.67	18.79	18.64	20.3	0.0
Channel				503250	507000	511750	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.61	18.71	18.61	20.3	0.0
Channel				503000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.68	18.73	18.61	20.3	0.0
Channel				502750	507000	512250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.61	18.71	18.67	20.3	0.0
Channel				502500	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.61	18.71	18.61	20.3	0.0
Channel				502250	507000	513750	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.64	18.78	18.68	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.60	16.49	16.51	18.1	0.0
40	PI/2 BPSK	1	108	16.60	16.58	16.49		
40	PI/2 BPSK	1	214	16.55	16.57	16.60		
40	PI/2 BPSK	108	0	16.61	16.52	16.54	18.1	0.0
40	PI/2 BPSK	108	54	16.49	16.61	16.62	18.1	0.0
40	PI/2 BPSK	108	108	16.49	16.51	16.62	18.1	0.0
40	PI/2 BPSK	216	0	16.62	16.54	16.53		
40	QPSK	1	1	16.58	16.77	16.56	18.1	0.0
40	QPSK	1	108	16.54	16.51	16.60		
40	QPSK	1	214	16.58	16.55	16.53		
40	QPSK	108	0	16.55	16.52	16.56	18.1	0.0
40	QPSK	108	54	16.52	16.73	16.66	18.1	0.0
40	QPSK	108	108	16.63	16.53	16.59	18.1	0.0
40	QPSK	216	0	16.56	16.66	16.61	18.1	0.0
40	16QAM	1	1	16.49	16.62	16.57	18.1	0.0
40	64QAM	1	1	16.60	16.60	16.62	18.1	0.0
40	256QAM	1	1	16.59	16.50	16.50	18.1	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.40	16.62	16.45	18.1	0.0
Channel				345250	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.44	16.59	16.33	18.1	0.0
Channel				345000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.42	16.58	16.41	18.1	0.0
Channel				344750	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.38	16.52	16.38	18.1	0.0
Channel				344500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.44	16.57	16.42	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	521996		
Frequency (MHz)				2585.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.79	18.93	18.87	20.1	0.0
40	PI/2 BPSK	1	53	18.89	18.87	18.87		
40	PI/2 BPSK	1	104	18.91	18.86	18.83		
40	PI/2 BPSK	50	0	18.85	18.88	18.83	20.1	0.0
40	PI/2 BPSK	50	28	18.86	18.94	18.86	20.1	0.0
40	PI/2 BPSK	50	56	18.87	18.85	18.86	20.1	0.0
40	PI/2 BPSK	100	0	18.89	18.85	18.92		
40	QPSK	1	1	18.87	19.10	18.90		
40	QPSK	1	53	18.87	18.84	18.80	20.1	0.0
40	QPSK	1	104	18.84	18.91	18.80		
40	QPSK	50	0	18.90	18.82	18.82	20.1	0.0
40	QPSK	50	28	18.89	19.04	18.84	20.1	0.0
40	QPSK	50	56	18.93	18.87	18.80	20.1	0.0
40	QPSK	100	0	18.96	18.90	18.80		
40	16QAM	1	1	18.81	18.85	18.81	20.1	0.0
40	64QAM	1	1	18.84	18.94	18.87	20.1	0.0
40	256QAM	1	1	18.86	18.93	18.87	19.5	0.8
Channel				517302	519000	520698	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.56	18.66	18.62	20.1	0.0
Channel				516900	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.61	18.65	18.63	20.1	0.0
Channel				515902	519000	522098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.40	18.78	18.44	20.1	0.0
Channel				515204	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.34	18.69	18.40	20.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3900.01			
100	PI/2 BPSK	1	1		13.39		14.4	0.0
100	PI/2 BPSK	1	137		13.35			
100	PI/2 BPSK	1	271		13.36			
100	PI/2 BPSK	135	0		13.42		14.4	0.0
100	PI/2 BPSK	135	69		13.36		14.4	0.0
100	PI/2 BPSK	135	138		13.29		14.4	0.0
100	PI/2 BPSK	270	0		13.32			
100	QPSK	1	1		13.59		14.4	0.0
100	QPSK	1	137		13.41			
100	QPSK	1	271		13.39			
100	QPSK	135	0		13.33		14.4	0.0
100	QPSK	135	69		13.53		14.4	0.0
100	QPSK	135	138		13.36		14.4	0.0
100	QPSK	270	0		13.31			
100	16QAM	1	1		13.39		14.4	0.0
100	64QAM	1	1		13.32		14.4	0.0
100	256QAM	1	1		13.41		14.4	0.0
Channel				632000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3900.01	3934.99		
90	QPSK	1	1	13.09	13.18	13.22	0.0	0.0
Channel				631668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3459.02	3900.01	3910		
80	QPSK	1	1	12.97	13.29	13.26	0.0	0.0
Channel				632304	633334	634302	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3900.01	3934.98		
70	QPSK	1	1	13.01	13.30	13.29	0.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3900.01	3939.99		
60	QPSK	1	1	13.09	13.26	13.23	0.0	0.0
Channel				631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3459.02	3900.01	3925		
50	QPSK	1	1	13.02	13.19	13.26	0.0	0.0
Channel				631332	633334	635336	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3900.01	3929.98		
40	QPSK	1	1	13.00	13.23	13.21	0.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3900.01	3934.99		
30	QPSK	1	1	13.09	13.32	13.26	0.0	0.0
Channel				630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3459.02	3900.01	3940		
20	QPSK	1	1	13.02	13.28	13.24	0.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3920		
100	PI/2 BPSK	1	1	12.83	12.82	12.76	14.4	0.0
100	PI/2 BPSK	1	137	12.78	12.79	12.75		
100	PI/2 BPSK	1	271	12.81	12.71	12.76		
100	PI/2 BPSK	135	0	12.81	12.72	12.79	14.4	0.0
100	PI/2 BPSK	135	69	12.72	12.80	12.73	14.4	0.0
100	PI/2 BPSK	135	138	12.73	12.76	12.71	14.4	0.0
100	PI/2 BPSK	270	0	12.83	12.71	12.80		
100	QPSK	1	1	12.77	12.97	12.83	14.4	0.0
100	QPSK	1	137	12.80	12.84	12.71		
100	QPSK	1	271	12.71	12.72	12.83		
100	QPSK	135	0	12.77	12.82	12.76	14.4	0.0
100	QPSK	135	69	12.76	12.90	12.83	14.4	0.0
100	QPSK	135	138	12.73	12.79	12.82	14.4	0.0
100	QPSK	270	0	12.73	12.81	12.76		
100	16QAM	1	1	12.80	12.73	12.73	14.4	0.0
100	64QAM	1	1	12.75	12.71	12.74	14.4	0.0
100	256QAM	1	1	12.76	12.84	12.80	14.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.01		
90	QPSK	1	1	12.57	12.63	12.51	14.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3940.02		
80	QPSK	1	1	12.49	12.71	12.50	14.4	0.0
Channel				649000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
70	QPSK	1	1	12.55	12.58	12.51	14.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.48	12.69	12.58	14.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.47	12.73	12.56	14.4	0.0
Channel				648002	650000	651998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.52	12.62	12.61	14.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.51	12.54	12.53	14.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.52	12.64	12.53	14.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		13.65			
100	PI/2 BPSK	1	137		13.70		13.9	0.0
100	PI/2 BPSK	1	271		13.70			
100	PI/2 BPSK	135	0		13.78		13.9	0.0
100	PI/2 BPSK	135	69		13.71		13.9	0.0
100	PI/2 BPSK	135	138		13.69		13.9	0.0
100	PI/2 BPSK	270	0		13.79			
100	QPSK	1	1		13.84			
100	QPSK	1	137		13.69		13.9	0.0
100	QPSK	1	271		13.72			
100	QPSK	135	0		13.69		13.9	0.0
100	QPSK	135	69		13.78		13.9	0.0
100	QPSK	135	138		13.74		13.9	0.0
100	QPSK	270	0		13.77			
100	16QAM	1	1		13.62		13.9	0.0
100	64QAM	1	1		13.68		13.9	0.0
100	256QAM	1	1		13.84		13.9	0.0
	Channel			630000	633334	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	13.48	13.74	13.68	13.9	0.0
	Channel			631668	633334	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.46	13.72	13.71	13.9	0.0
	Channel			632334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.55	13.78	13.66	13.9	0.0
	Channel			630000	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.47	13.71	13.78	13.9	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.57	13.79	13.77	13.9	0.0
	Channel			631334	633334	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.50	13.72	13.73	13.9	0.0
	Channel			631000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	13.50	13.73	13.76	13.9	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.46	13.78	13.72	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		12.66			
100	PI/2 BPSK	1	137		12.68		13.9	0.0
100	PI/2 BPSK	1	271		12.70			
100	PI/2 BPSK	135	0		12.76		13.9	0.0
100	PI/2 BPSK	135	69		12.73		13.9	0.0
100	PI/2 BPSK	135	138		12.68		13.9	0.0
100	PI/2 BPSK	270	0		12.80			
100	QPSK	1	1		12.58			
100	QPSK	1	137		12.71		13.9	0.0
100	QPSK	1	271		12.75			
100	QPSK	135	0		12.70		13.9	0.0
100	QPSK	135	69		12.91		13.9	0.0
100	QPSK	135	138		12.73		13.9	0.0
100	QPSK	270	0		12.78			
100	16QAM	1	1		12.79		13.9	0.0
100	64QAM	1	1		12.69		13.9	0.0
100	256QAM	1	1		12.81		13.9	0.0
	Channel			646666	650000	653334	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3756.01	(dBm)	(dB)
90	QPSK	1	1	12.66	12.84	12.86	13.9	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	12.66	12.90	12.76	13.9	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	12.60	12.83	12.74	13.9	0.0
	Channel			646666	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3756.01	(dBm)	(dB)
60	QPSK	1	1	12.56	12.87	12.77	13.9	0.0
	Channel			646334	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
50	QPSK	1	1	12.60	12.84	12.76	13.9	0.0
	Channel			646002	650000	650002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	12.57	12.80	12.80	13.9	0.0
	Channel			645668	650000	654334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	12.62	12.90	12.74	13.9	0.0
	Channel			647334	650000	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	12.58	12.84	12.81	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		22.46			
100	PI/2 BPSK	1	137		22.49		24.0	0.0
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.38		24.0	0.0
100	PI/2 BPSK	135	69		22.47		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.68			
100	QPSK	1	137		22.56		24.0	0.0
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.38		24.0	0.0
100	QPSK	135	69		22.44		24.0	0.0
100	QPSK	135	138		22.41		24.0	0.0
100	QPSK	270	0		22.43			
100	16QAM	1	1		22.26		24.0	0.0
100	64QAM	1	1		22.63		24.0	0.0
100	256QAM	1	1		22.42		24.0	0.0
	Channel			630000	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.60	22.54	22.46	24.0	0.0
	Channel			631668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.56	22.49	22.48	24.0	0.0
	Channel			632334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.55	22.36	22.49	24.0	0.0
	Channel			630000	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.43	22.38	22.44	24.0	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.62	22.41	22.53	24.0	0.0
	Channel			631334	633334	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.47	22.48	22.50	24.0	0.0
	Channel			631000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	22.47	22.46	22.56	24.0	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.41	22.33	22.41	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		22.63			
100	PI/2 BPSK	1	137		22.64		24.0	0.0
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.62		24.0	0.0
100	PI/2 BPSK	135	69		22.56		24.0	0.0
100	PI/2 BPSK	135	138		22.56		24.0	0.0
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		22.81			
100	QPSK	1	137		22.71		24.0	0.0
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.61		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.56		24.0	0.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.71		24.0	0.0
100	64QAM	1	1		22.80		24.0	0.0
100	256QAM	1	1		22.59		24.0	0.0
	Channel			646666	650000	653334	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3756.01	(dBm)	(dB)
90	QPSK	1	1	17.36	17.55	17.42	24.0	0.0
	Channel			646334	650000	653668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.34	17.57	17.36	24.0	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	17.30	17.45	17.43	24.0	0.0
	Channel			646668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3756.01	(dBm)	(dB)
60	QPSK	1	1	17.38	17.48	17.41	24.0	0.0
	Channel			646334	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
50	QPSK	1	1	17.34	17.50	17.48	24.0	0.0
	Channel			646002	650000	650002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.37	17.56	17.46	24.0	0.0
	Channel			645668	650000	654334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.29	17.50	17.40	24.0	0.0
	Channel			647334	650000	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.41	17.40	17.43	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		17.83		18.8	0.0
100	PI/2 BPSK	1	137		17.75			
100	PI/2 BPSK	1	271		17.55			
100	PI/2 BPSK	135	0		17.52		18.8	0.0
100	PI/2 BPSK	135	69		17.81		18.8	0.0
100	PI/2 BPSK	135	138		17.36		18.8	0.0
100	PI/2 BPSK	270	0		17.55			
100	QPSK	1	1		17.84		18.8	0.0
100	QPSK	1	137		17.75			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.48		18.8	0.0
100	QPSK	135	69		17.57		18.8	0.0
100	QPSK	135	138		17.51		18.8	0.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.62		18.8	0.0
100	64QAM	1	1		17.77		18.8	0.0
100	256QAM	1	1		17.52		18.8	0.0
	Channel			630000	633334	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3954.99	(dBm)	(dB)
90	QPSK	1	1	17.72	17.69	17.66	18.8	0.0
	Channel			630668	633334	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.76	17.71	17.68	18.8	0.0
	Channel			630334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3500.01	3534.98	(dBm)	(dB)
70	QPSK	1	1	17.64	17.68	17.68	18.8	0.0
	Channel			630000	633334	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.63	17.70	17.78	18.8	0.0
	Channel			631668	633334	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.68	17.79	17.75	18.8	0.0
	Channel			631334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.68	17.78	17.66	18.8	0.0
	Channel			631000	633334	635666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.65	17.79	17.65	18.8	0.0
	Channel			630668	633334	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.67	17.79	17.72	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		17.55		18.8	0.0
100	PI/2 BPSK	1	137		17.43			
100	PI/2 BPSK	1	271		17.27		18.8	0.0
100	PI/2 BPSK	135	0		17.19			
100	PI/2 BPSK	135	69		17.30		18.8	0.0
100	PI/2 BPSK	135	138		17.04		18.8	0.0
100	PI/2 BPSK	270	0		17.23		18.8	0.0
100	QPSK	1	1		17.59		18.8	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.40		18.8	0.0
100	QPSK	135	0		17.25			
100	QPSK	135	69		17.30		18.8	0.0
100	QPSK	135	138		17.23		18.8	0.0
100	QPSK	270	0		17.32		18.8	0.0
100	16QAM	1	1		17.53		18.8	0.0
100	64QAM	1	1		17.52		18.8	0.0
100	256QAM	1	1		17.24		18.8	0.0
	Channel			649668	650334	650334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.01	(dBm)	(dB)
90	QPSK	1	1	17.36	17.55	17.42	18.8	0.0
	Channel			649334	650000	650668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.34	17.57	17.36	18.8	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.30	17.45	17.43	18.8	0.0
	Channel			648668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.38	17.46	17.41	18.8	0.0
	Channel			648334	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.34	17.50	17.48	18.8	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.37	17.56	17.46	18.8	0.0
	Channel			647668	650000	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.29	17.50	17.40	18.8	0.0
	Channel			647334	650000	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.41	17.49	17.43	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		19.23		20.6	0.0
100	PI/2 BPSK	1	137		19.30			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.12		20.6	0.0
100	PI/2 BPSK	135	69		19.24		20.6	0.0
100	PI/2 BPSK	135	138		19.25		20.6	0.0
100	PI/2 BPSK	270	0		19.23			
100	QPSK	1	1		19.38		20.6	0.0
100	QPSK	1	137		19.37			
100	QPSK	1	271		19.37			
100	QPSK	135	0		19.20		20.6	0.0
100	QPSK	135	69		19.22		20.6	0.0
100	QPSK	135	138		19.05		20.6	0.0
100	QPSK	270	0		19.20			
100	16QAM	1	1		19.18		20.6	0.0
100	64QAM	1	1		19.37		20.6	0.0
100	256QAM	1	1		19.25		20.6	0.0
	Channel			630000	633334	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3954.99	(dBm)	(dB)
90	QPSK	1	1	18.84	19.24	19.06	20.6	0.0
	Channel			630668	633334	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.88	19.29	19.16	20.6	0.0
	Channel			630334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3500.01	3534.98	(dBm)	(dB)
70	QPSK	1	1	19.03	19.33	19.11	20.6	0.0
	Channel			630000	633334	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.02	19.33	19.08	20.6	0.0
	Channel			631668	633334	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.97	19.31	19.07	20.6	0.0
	Channel			631334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.06	19.23	19.12	20.6	0.0
	Channel			631000	633334	635666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.01	19.29	19.18	20.6	0.0
	Channel			630668	633334	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.05	19.30	19.08	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		19.10		20.6	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.16		20.6	0.0
100	PI/2 BPSK	135	0		18.98			
100	PI/2 BPSK	135	69		19.07		20.6	0.0
100	PI/2 BPSK	135	138		19.11		20.6	0.0
100	PI/2 BPSK	270	0		19.09		20.6	0.0
100	QPSK	1	1		19.27		20.6	0.0
100	QPSK	1	137		19.24			
100	QPSK	1	271		19.26		20.6	0.0
100	QPSK	135	0		19.01			
100	QPSK	135	69		19.04		20.6	0.0
100	QPSK	135	138		19.07		20.6	0.0
100	QPSK	270	0		19.07		20.6	0.0
100	16QAM	1	1		18.92		20.6	0.0
100	64QAM	1	1		19.15		20.6	0.0
100	256QAM	1	1		19.09		20.6	0.0
	Channel			649668	650000	650334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.01	(dBm)	(dB)
90	QPSK	1	1	18.96	19.23	19.12	20.6	0.0
	Channel			649334	650000	650668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	19.06	19.13	19.21	20.6	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.18	19.21	19.15	20.6	0.0
	Channel			648668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	19.15	19.17	19.09	20.6	0.0
	Channel			648334	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	19.17	19.12	19.13	20.6	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.12	19.21	19.17	20.6	0.0
	Channel			647668	650000	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.15	19.22	19.09	20.6	0.0
	Channel			647334	650000	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	19.09	19.15	19.09	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	834.5	835		
20	PI/2 BPSK	1	1	22.64	22.89	22.71	24.0	0.0
20	PI/2 BPSK	1	53	22.65	22.94	22.81		
20	PI/2 BPSK	1	104	22.65	22.92	22.63		
20	PI/2 BPSK	50	0	22.81	22.93	22.85	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.95	22.73	24.0	0.0
20	PI/2 BPSK	50	56	22.73	22.92	22.73		
20	PI/2 BPSK	100	0	22.68	23.00	22.70	24.0	0.0
20	QPSK	1	1	23.45	23.48	23.39	24.0	0.0
20	QPSK	1	53	22.74	22.96	22.68		
20	QPSK	1	104	22.70	22.95	22.83		
20	QPSK	50	0	22.67	22.90	22.59	24.0	0.0
20	QPSK	50	28	23.32	23.36	23.35	24.0	0.0
20	QPSK	50	56	22.75	22.91	22.68	24.0	0.0
20	QPSK	100	0	22.73	22.99	22.90	24.0	0.0
20	16QAM	1	1	22.46	22.77	22.68	24.0	0.0
20	64QAM	1	1	23.06	23.28	23.14	24.0	0.0
20	256QAM	1	1	21.32	21.52	21.24	22.5	1.5
Channel				165300	167000	168700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	838.5	841.5		
15	QPSK	1	1	23.35	23.30	23.19	24.0	0.0
Channel				165150	167000	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	838.5	844		
10	QPSK	1	1	23.22	23.27	23.20	24.0	0.0
Channel				165025	167000	168975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	838.5	848.5		
5	QPSK	1	1	23.28	23.29	23.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.38	22.51	22.33	24.0	0.0
40	PI/2 BPSK	1	108	22.14	22.41	22.26		
40	PI/2 BPSK	1	214	22.28	22.48	22.29		
40	PI/2 BPSK	108	0	22.24	22.41	22.31	24.0	0.0
40	PI/2 BPSK	108	54	22.08	22.33	22.17	24.0	0.0
40	PI/2 BPSK	108	108	22.13	22.37	22.08	24.0	0.0
40	PI/2 BPSK	216	0	22.10	22.35	22.06		
40	QPSK	1	1	22.82	22.84	22.71	24.0	0.0
40	QPSK	1	108	22.24	22.49	22.16		
40	QPSK	1	214	22.18	22.45	22.20		
40	QPSK	108	0	22.11	22.39	22.08	24.0	0.0
40	QPSK	108	54	22.59	22.71	22.62	24.0	0.0
40	QPSK	108	108	22.14	22.36	22.09	24.0	0.0
40	QPSK	216	0	22.17	22.32	22.02	24.0	0.0
40	16QAM	1	1	22.22	22.39	22.18	23.5	0.5
40	64QAM	1	1	22.05	22.24	21.97	22.5	1.5
40	256QAM	1	1	19.81	20.07	19.92	21.5	2.5
Channel				503800	507000	510200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.48	22.73	22.52	24.0	0.0
Channel				503650	507000	510350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.55	22.57	22.37	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.66	22.71	22.51	24.0	0.0
Channel				503350	507000	510650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.50	22.59	22.47	24.0	0.0
Channel				503200	507000	510800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.48	22.53	22.46	24.0	0.0
Channel				503050	507000	510950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.63	22.51	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.23	19.19	19.11	20.7	0.0
40	PI/2 BPSK	1	108	19.12	19.13	19.30		
40	PI/2 BPSK	1	214	19.17	19.26	19.17		
40	PI/2 BPSK	108	0	19.20	19.12	19.15	20.7	0.0
40	PI/2 BPSK	108	54	19.23	19.25	19.16	20.7	0.0
40	PI/2 BPSK	108	108	19.18	19.08	19.24	20.7	0.0
40	PI/2 BPSK	216	0	19.21	19.11	19.27		
40	QPSK	1	1	19.27	19.33	19.27	20.7	0.0
40	QPSK	1	108	19.18	19.15	19.13		
40	QPSK	1	214	19.11	19.19	19.13		
40	QPSK	108	0	19.15	19.25	19.21	20.7	0.0
40	QPSK	108	54	19.28	19.31	19.17	20.7	0.0
40	QPSK	108	108	19.23	19.20	19.27	20.7	0.0
40	QPSK	216	0	19.15	19.24	19.17	20.7	0.0
40	16QAM	1	1	19.14	19.26	19.21	20.7	0.0
40	64QAM	1	1	19.15	19.18	19.13	20.7	0.0
40	256QAM	1	1	19.18	19.17	19.11	20.7	0.0
Channel				503800	507000	510200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.12	19.13	19.08	20.7	0.0
Channel				503650	507000	510350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.15	19.13	19.09	20.7	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.14	19.08	19.08	20.7	0.0
Channel				503350	507000	510650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.13	19.10	19.08	20.7	0.0
Channel				503200	507000	510800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.15	19.11	19.07	20.7	0.0
Channel				503050	507000	510950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.14	19.12	19.11	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.61	19.49	19.50	21.0	0.0
40	PI/2 BPSK	1	108	19.58	19.55	19.51		
40	PI/2 BPSK	1	214	19.58	19.58	19.60		
40	PI/2 BPSK	108	0	19.59	19.51	19.55	21.0	0.0
40	PI/2 BPSK	108	54	19.49	19.61	19.62	21.0	0.0
40	PI/2 BPSK	108	108	19.48	19.49	19.62	21.0	0.0
40	PI/2 BPSK	216	0	19.60	19.57	19.53		
40	QPSK	1	1	19.56	19.77	19.55	21.0	0.0
40	QPSK	1	108	19.51	19.51	19.58		
40	QPSK	1	214	19.59	19.56	19.52		
40	QPSK	108	0	19.53	19.54	19.58	21.0	0.0
40	QPSK	108	54	19.51	19.75	19.67	21.0	0.0
40	QPSK	108	108	19.64	19.51	19.60	21.0	0.0
40	QPSK	216	0	19.56	19.64	19.64	21.0	0.0
40	16QAM	1	1	19.47	19.59	19.54	21.0	0.0
40	64QAM	1	1	19.50	19.59	19.61	21.0	0.0
40	256QAM	1	1	19.58	19.48	19.50	21.0	0.0
Channel				345800	349000	352200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.46	19.48	19.51	21.0	0.0
Channel				345650	349000	352400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.43	19.47	19.52	21.0	0.0
Channel				345350	349000	352650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.44	19.48	19.54	21.0	0.0
Channel				345200	349000	352800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.45	19.49	19.55	21.0	0.0
Channel				345050	349000	352950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.47	19.46	19.51	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	521996		
Frequency (MHz)				2595.02	2595	2589.98		
40	PI/2 BPSK	1	1	19.79	19.91	19.87		
40	PI/2 BPSK	1	53	19.86	19.88	19.86	21.1	0.0
40	PI/2 BPSK	1	104	19.93	19.87	19.84		
40	PI/2 BPSK	50	0	19.87	19.88	19.84	21.1	0.0
40	PI/2 BPSK	50	28	19.85	19.95	19.88	21.1	0.0
40	PI/2 BPSK	50	56	19.87	19.84	19.85	21.1	0.0
40	PI/2 BPSK	100	0	19.91	19.88	19.93		
40	QPSK	1	1	19.90	20.05	19.87		
40	QPSK	1	53	19.89	19.86	19.83	21.1	0.0
40	QPSK	1	104	19.85	19.92	19.81		
40	QPSK	50	0	19.88	19.91	19.79	21.1	0.0
40	QPSK	50	28	19.86	20.03	19.84	21.1	0.0
40	QPSK	50	56	19.93	19.85	19.82	21.1	0.0
40	QPSK	100	0	19.96	19.87	19.80		
40	16QAM	1	1	19.83	19.84	19.83	21.1	0.0
40	64QAM	1	1	19.86	19.95	19.85	21.1	0.0
40	256QAM	1	1	19.01	19.16	18.99	19.5	1.6
Channel				517302	519000	520698	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2589.01	2595	2604.99		
30	QPSK	1	1	19.86	19.84	19.80	21.1	0.0
Channel				516900	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	19.85	19.81	19.77	21.1	0.0
Channel				516902	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2587.51	2595	2612.49		
15	QPSK	1	1	19.82	19.81	19.79	21.1	0.0
Channel				515804	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.52	2595	2614.98		
10	QPSK	1	1	19.86	19.80	19.79	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3900.01			
100	PI/2 BPSK	1	1		17.78			
100	PI/2 BPSK	1	137		17.73		19.0	0.0
100	PI/2 BPSK	1	271		17.73			
100	PI/2 BPSK	135	0		17.81		19.0	0.0
100	PI/2 BPSK	135	69		17.79		19.0	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.0
100	PI/2 BPSK	270	0		17.72			
100	QPSK	1	1		18.03		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.80			
100	QPSK	135	0		17.75		19.0	0.0
100	QPSK	135	69		17.91		19.0	0.0
100	QPSK	135	138		17.79		19.0	0.0
100	QPSK	270	0		17.72			
100	16QAM	1	1		17.77		19.0	0.0
100	64QAM	1	1		17.73		19.0	0.0
100	256QAM	1	1		17.58		19.0	0.0
Channel				632000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3960	3900.01	3839.99		
90	QPSK	1	1	17.53	17.63	17.49	0.0	0.0
Channel				631668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3849.12	3900.01	3951		
80	QPSK	1	1	17.57	17.60	17.59	0.0	0.0
Channel				632304	633334	634302	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3955.01	3900.01	3814.99		
70	QPSK	1	1	17.59	17.64	17.53	0.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3960	3900.01	3919.99		
60	QPSK	1	1	17.56	17.68	17.54	0.0	0.0
Channel				631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3875.02	3900.01	3925		
50	QPSK	1	1	17.50	17.57	17.62	0.0	0.0
Channel				631134	633334	635532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.21	3900.01	3929.98		
40	QPSK	1	1	17.50	17.60	17.55	0.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3900.01	3934.99		
30	QPSK	1	1	17.55	17.61	17.57	0.0	0.0
Channel				630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3900.01	3940		
20	QPSK	1	1	17.60	17.67	17.52	0.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3920		
100	PI/2 BPSK	1	1	17.33	17.30	17.23		
100	PI/2 BPSK	1	137	17.30	17.20	17.28	19.0	0.0
100	PI/2 BPSK	1	271	17.29	17.23	17.25		
100	PI/2 BPSK	135	0	17.31	17.23	17.31	19.0	0.0
100	PI/2 BPSK	135	69	17.22	17.28	17.23	19.0	0.0
100	PI/2 BPSK	135	138	17.24	17.23	17.23	19.0	0.0
100	PI/2 BPSK	270	0	17.36	17.18	17.29		
100	QPSK	1	1	17.30	17.41	17.34		
100	QPSK	1	137	17.28	17.34	17.23	19.0	0.0
100	QPSK	1	271	17.23	17.24	17.35		
100	QPSK	135	0	17.26	17.31	17.24	19.0	0.0
100	QPSK	135	69	17.28	17.30	17.31	19.0	0.0
100	QPSK	135	138	17.23	17.24	17.33	19.0	0.0
100	QPSK	270	0	17.23	17.20	17.25		
100	16QAM	1	1	17.31	17.25	17.21	19.0	0.0
100	64QAM	1	1	17.23	17.23	17.21	19.0	0.0
100	256QAM	1	1	16.61	16.55	16.56	19.0	0.0
Channel				649668	650334	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3835.01		
90	QPSK	1	1	17.15	17.12	17.27	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3840.02		
80	QPSK	1	1	17.19	17.16	17.29	19.0	0.0
Channel				648000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3945		
70	QPSK	1	1	17.15	17.11	17.28	19.0	0.0
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.01		
60	QPSK	1	1	17.17	17.09	17.26	19.0	0.0
Channel				648334	650002	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.20	17.07	17.23	19.0	0.0
Channel				648002	650334	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.08	17.09	17.25	19.0	0.0
Channel				647668	650002	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.04	17.29	19.0	0.0
Channel				647334	650002	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.12	17.17	17.25	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		17.71			
100	PI/2 BPSK	1	137		17.80		19.0	0.0
100	PI/2 BPSK	1	271		17.79			
100	PI/2 BPSK	135	0		17.91		19.0	0.0
100	PI/2 BPSK	135	69		17.77		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.88			
100	QPSK	1	1		18.11		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.82			
100	QPSK	135	0		17.79		19.0	0.0
100	QPSK	135	69		17.84		19.0	0.0
100	QPSK	135	138		17.80		19.0	0.0
100	QPSK	270	0		17.80			
100	16QAM	1	1		17.95		19.0	0.0
100	64QAM	1	1		17.80		19.0	0.0
100	256QAM	1	1		17.93		19.0	0.0
	Channel			630000	633334	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	17.57	17.65	17.62	19.0	0.0
	Channel			630668	633334	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.45	17.51	17.53	19.0	0.0
	Channel			630334	633334	634332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3500.01	3534.98	(dBm)	(dB)
70	QPSK	1	1	17.51	17.58	17.60	19.0	0.0
	Channel			630002	633334	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
60	QPSK	1	1	17.51	17.54	17.61	19.0	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.55	17.61	17.62	19.0	0.0
	Channel			631334	633334	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.53	17.58	17.48	19.0	0.0
	Channel			631002	633334	635666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	17.53	17.63	17.49	19.0	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.48	17.59	17.53	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		17.25			
100	PI/2 BPSK	1	137		17.25		19.0	0.0
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.34		19.0	0.0
100	PI/2 BPSK	135	69		17.34		19.0	0.0
100	PI/2 BPSK	135	138		17.29		19.0	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.61		19.0	0.0
100	QPSK	1	137		17.28			
100	QPSK	1	271		17.32			
100	QPSK	135	0		17.28		19.0	0.0
100	QPSK	135	69		17.49		19.0	0.0
100	QPSK	135	138		17.34		19.0	0.0
100	QPSK	270	0		17.39			
100	16QAM	1	1		17.41		19.0	0.0
100	64QAM	1	1		17.26		19.0	0.0
100	256QAM	1	1		17.39		19.0	0.0
	Channel			649668	650000	650334	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	17.46	17.45	17.35	19.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	17.37	17.35	17.24	19.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	17.45	17.36	17.22	19.0	0.0
	Channel			648668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3740.02	3750	3759.01	(dBm)	(dB)
60	QPSK	1	1	17.40	17.35	17.25	19.0	0.0
	Channel			648334	650002	651668	Tune-up limit	MPR
	Frequency (MHz)			3735.01	3750	3764.98	(dBm)	(dB)
50	QPSK	1	1	17.36	17.45	17.23	19.0	0.0
	Channel			648002	650002	652002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.35	17.35	17.24	19.0	0.0
	Channel			647668	650002	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.46	17.30	17.26	19.0	0.0
	Channel			647334	650002	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.45	17.37	17.31	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		22.46			
100	PI/2 BPSK	1	137		22.49		24.0	0.0
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.38		24.0	0.0
100	PI/2 BPSK	135	69		22.47		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.56			
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.38		24.0	0.0
100	QPSK	135	69		22.44		24.0	0.0
100	QPSK	135	138		22.41		24.0	0.0
100	QPSK	270	0		22.43			
100	16QAM	1	1		22.26		24.0	0.0
100	64QAM	1	1		22.63		24.0	0.0
100	256QAM	1	1		22.42		24.0	0.0
	Channel			630000	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.60	22.54	22.46	24.0	0.0
	Channel			630668	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.56	22.49	22.46	24.0	0.0
	Channel			630334	633334	636332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3500.01	3534.98	(dBm)	(dB)
70	QPSK	1	1	22.55	22.36	22.49	24.0	0.0
	Channel			630002	633334	636666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
60	QPSK	1	1	22.43	22.38	22.44	24.0	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.62	22.41	22.53	24.0	0.0
	Channel			631334	633334	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.47	22.48	22.50	24.0	0.0
	Channel			631002	633334	635666	Tune-up limit	MPR
	Frequency (MHz)			3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	22.47	22.46	22.56	24.0	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.41	22.33	22.41	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		22.63			
100	PI/2 BPSK	1	137		22.64		24.0	0.0
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.62		24.0	0.0
100	PI/2 BPSK	135	69		22.56		24.0	0.0
100	PI/2 BPSK	135	138		22.56		24.0	0.0
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		22.81		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.61		24.0	0.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		22.56		24.0	0.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.71		24.0	0.0
100	64QAM	1	1		22.80		24.0	0.0
100	256QAM	1	1		22.59		24.0	0.0
	Channel			649668	650000	650334	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3750	3750.01	(dBm)	(dB)
90	QPSK	1	1	22.61	22.56	22.57	24.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	22.49	22.43	22.58	24.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	22.42	22.54	22.38	24.0	0.0
	Channel			648668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3740.02	3750	3759.01	(dBm)	(dB)
60	QPSK	1	1	22.58	22.54	22.55	24.0	0.0
	Channel			648334	650002	651668	Tune-up limit	MPR
	Frequency (MHz)			3735.01	3750	3764.98	(dBm)	(dB)
50	QPSK	1	1	22.58	22.48	22.48	24.0	0.0
	Channel			648002	650002	652002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.41	22.49	22.59	24.0	0.0
	Channel			647668	650002	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.42	22.52	22.42	24.0	0.0
	Channel			647334	650002	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.58	22.45	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.64		22.5	0.0
100	PI/2 BPSK	1	137		20.65			
100	PI/2 BPSK	1	271		20.45			
100	PI/2 BPSK	135	0		20.39		22.5	0.0
100	PI/2 BPSK	135	69		20.31		22.5	0.0
100	PI/2 BPSK	135	138		20.21		22.5	0.0
100	PI/2 BPSK	270	0		20.42			
100	QPSK	1	1		20.75		22.5	0.0
100	QPSK	1	137		20.64			
100	QPSK	1	271		20.62			
100	QPSK	135	0		20.45		22.5	0.0
100	QPSK	135	69		20.49		22.5	0.0
100	QPSK	135	138		20.40			
100	QPSK	270	0		20.56		22.5	0.0
100	16QAM	1	1		20.70		22.5	0.0
100	64QAM	1	1		20.69		22.5	0.0
100	256QAM	1	1		20.68		22.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3466	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	20.54	20.66	20.52	22.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.57	20.66	20.55	22.5	0.0
Channel				633334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.59	20.65	20.56	22.5	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.55	20.67	20.54	22.5	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.52	20.66	20.57	22.5	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.53	20.66	20.52	22.5	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	20.56	20.68	20.57	22.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.56	20.68	20.54	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.58		22.5	0.0
100	PI/2 BPSK	1	137		20.44			
100	PI/2 BPSK	1	271		20.28		22.5	0.0
100	PI/2 BPSK	135	0		20.22			
100	PI/2 BPSK	135	69		20.30		22.5	0.0
100	PI/2 BPSK	135	138		20.24		22.5	0.0
100	PI/2 BPSK	270	0		20.25		22.5	0.0
100	QPSK	1	1		20.62		22.5	0.0
100	QPSK	1	137		20.45			
100	QPSK	1	271		20.43		22.5	0.0
100	QPSK	135	0		20.25			
100	QPSK	135	69		20.29		22.5	0.0
100	QPSK	135	138		20.19		22.5	0.0
100	QPSK	270	0		20.38		22.5	0.0
100	16QAM	1	1		20.52		22.5	0.0
100	64QAM	1	1		20.55		22.5	0.0
100	256QAM	1	1		20.26		22.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.51	(dBm)	(dB)
90	QPSK	1	1	20.51	20.49	20.49	22.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3753.02	(dBm)	(dB)
80	QPSK	1	1	20.52	20.44	20.48	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	20.50	20.45	20.51	22.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3756.51	(dBm)	(dB)
60	QPSK	1	1	20.51	20.45	20.46	22.5	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3742.01	3750	3757.02	(dBm)	(dB)
50	QPSK	1	1	20.49	20.46	20.53	22.5	0.0
Channel				648002	650002	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.46	20.50	20.50	22.5	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.53	20.49	20.52	22.5	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.50	20.46	20.49	22.5	0.0

Part27Q n78 Ant8 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.96		22.9	0.0
100	PI/2 BPSK	1	137		22.04			
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.01		22.9	0.0
100	PI/2 BPSK	135	69		21.99		22.9	0.0
100	PI/2 BPSK	135	138		21.98		22.9	0.0
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.19		22.9	0.0
100	QPSK	1	137		22.14			
100	QPSK	1	271		22.08			
100	QPSK	135	0		21.61		22.9	0.0
100	QPSK	135	69		21.96		22.9	0.0
100	QPSK	135	138		21.96		22.9	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.86		22.9	0.0
100	64QAM	1	1		22.18		22.9	0.0
100	256QAM	1	1		21.89		22.9	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3466	3500.01	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.03	22.05	22.02	22.9	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.96	22.13	21.95	22.9	0.0
Channel				633334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.90	22.18	21.97	22.9	0.0
Channel				633002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.08	22.18	22.08	22.9	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.95	21.98	21.91	22.9	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.98	22.11	21.86	22.9	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3460	3500.01	3539.99	(dBm)	(dB)
30	QPSK	1	1	21.97	22.08	21.87	22.9	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.83	22.12	21.87	22.9	0.0

Part27O n78 Ant8 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.84		22.9	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.98		22.9	0.0
100	PI/2 BPSK	135	0		21.71			
100	PI/2 BPSK	135	69		21.82		22.9	0.0
100	PI/2 BPSK	135	138		21.85		22.9	0.0
100	PI/2 BPSK	270	0		21.82		22.9	0.0
100	QPSK	1	1		22.00		22.9	0.0
100	QPSK	1	137		21.99			
100	QPSK	1	271		21.98			
100	QPSK	135	0		21.77		22.9	0.0
100	QPSK	135	69		21.81		22.9	0.0
100	QPSK	135	138		21.73		22.9	0.0
100	QPSK	270	0		21.81		22.9	0.0
100	16QAM	1	1		21.87		22.9	0.0
100	64QAM	1	1		21.95		22.9	0.0
100	256QAM	1	1		21.86		22.9	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3750.51	(dBm)	(dB)
90	QPSK	1	1	21.85	21.83	21.85	22.9	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3753.02	(dBm)	(dB)
80	QPSK	1	1	21.94	21.76	21.77	22.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	21.82	21.93	21.79	22.9	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3756.51	(dBm)	(dB)
60	QPSK	1	1	21.82	21.73	21.69	22.9	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3742.01	3750	3757.02	(dBm)	(dB)
50	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
Channel				648002	650002	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.81	21.74	21.75	22.9	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.92	21.72	21.93	22.9	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.79	21.71	21.81	22.9	0.0

n7 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.04	17.10	17.09	18.3	0.0
40	PI/2 BPSK	1	108	17.13	17.03	17.14		
40	PI/2 BPSK	1	214	17.14	17.03	17.05		
40	PI/2 BPSK	108	0	17.13	17.05	17.03	18.3	0.0
40	PI/2 BPSK	108	54	17.04	17.05	17.06	18.3	0.0
40	PI/2 BPSK	108	108	17.12	17.01	17.14	18.3	0.0
40	PI/2 BPSK	216	0	17.14	17.12	17.11		
40	QPSK	1	1	17.07	17.23	17.14	18.3	0.0
40	QPSK	1	108	17.12	17.02	17.04		
40	QPSK	1	214	17.14	17.06	17.00		
40	QPSK	108	0	17.04	17.11	17.04	18.3	0.0
40	QPSK	108	54	17.06	17.15	17.12	18.3	0.0
40	QPSK	108	108	17.11	17.11	17.05	18.3	0.0
40	QPSK	216	0	17.07	17.11	17.09		
40	16QAM	1	1	17.00	17.05	17.10	18.3	0.0
40	64QAM	1	1	17.05	17.12	17.00	18.3	0.0
40	256QAM	1	1	17.07	17.02	17.02	18.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.85	17.11	16.93	18.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.89	17.15	17.05	18.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.96	17.02	16.91	18.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.88	17.02	17.06	18.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.89	17.02	16.93	18.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.95	17.12	17.06	18.3	0.0

n66 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.06	15.17	15.08	16.4	0.0
40	PI/2 BPSK	1	108	15.13	15.13	15.13		
40	PI/2 BPSK	1	214	15.18	15.17	15.15		
40	PI/2 BPSK	108	0	15.11	15.09	15.12	16.4	0.0
40	PI/2 BPSK	108	54	15.18	15.17	15.08	16.4	0.0
40	PI/2 BPSK	108	108	15.18	15.06	15.21	16.4	0.0
40	PI/2 BPSK	216	0	15.12	15.10	15.07		
40	QPSK	1	1	15.20	15.29	15.07	16.4	0.0
40	QPSK	1	108	15.20	15.11	15.12		
40	QPSK	1	214	15.18	15.16	15.16		
40	QPSK	108	0	15.11	15.13	15.12	16.4	0.0
40	QPSK	108	54	15.09	15.14	15.11	16.4	0.0
40	QPSK	108	108	15.11	15.09	15.09	16.4	0.0
40	QPSK	216	0	15.11	15.19	15.14		
40	16QAM	1	1	15.19	15.18	15.15	16.4	0.0
40	64QAM	1	1	15.15	15.15	15.13	16.4	0.0
40	256QAM	1	1	15.10	15.21	15.16	16.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.04	15.16	14.91	16.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.04	15.08	14.84	16.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.08	15.19	14.86	16.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.08	15.15	14.91	16.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.09	15.18	14.93	16.4	0.0

n38 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2591.02	2595	2598.98		
40	PI/2 BPSK	1	1	16.58	16.60	16.42		
40	PI/2 BPSK	1	53	16.59	16.56	16.48	17.8	0.0
40	PI/2 BPSK	1	104	16.60	16.51	16.51		
40	PI/2 BPSK	50	0	16.57	16.57	16.53	17.8	0.0
40	PI/2 BPSK	50	28	16.60	16.58	16.55	17.8	0.0
40	PI/2 BPSK	50	56	16.51	16.56	16.59	17.8	0.0
40	PI/2 BPSK	100	0	16.52	16.56	16.49		
40	QPSK	1	1	16.59	16.73	16.51		
40	QPSK	1	53	16.59	16.54	16.59	17.8	0.0
40	QPSK	1	104	16.52	16.55	16.58		
40	QPSK	50	0	16.53	16.57	16.60	17.8	0.0
40	QPSK	50	28	16.51	16.62	16.42	17.8	0.0
40	QPSK	50	56	16.55	16.51	16.58	17.8	0.0
40	QPSK	100	0	16.50	16.61	16.58	17.8	0.0
40	16QAM	1	1	16.55	16.58	16.52	17.8	0.0
40	64QAM	1	1	16.60	16.52	16.61	17.8	0.0
40	256QAM	1	1	16.61	16.62	16.58	17.8	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.40	16.55	16.28	17.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.40	16.50	16.35	17.8	0.0
Channel				515002	519000	522998	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.45	16.60	16.34	17.8	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.36	16.58	16.37	17.8	0.0

Par27Q n77 Ant2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.83			
100	PI/2 BPSK	1	137		19.78		20.4	0.0
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.79		20.4	0.0
100	PI/2 BPSK	135	69		19.83		20.4	0.0
100	PI/2 BPSK	135	138		19.80		20.4	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.94			
100	QPSK	1	137		19.83		20.4	0.0
100	QPSK	1	271		19.80			
100	QPSK	135	0		19.78		20.4	0.0
100	QPSK	135	69		19.85		20.4	0.0
100	QPSK	135	138		19.83		20.4	0.0
100	QPSK	270	0		19.77			
100	16QAM	1	1		19.87		20.4	0.0
100	64QAM	1	1		19.85		20.4	0.0
100	256QAM	1	1		18.69		19.0	1.4
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.71	19.63	19.62	20.4	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.63	19.60	19.67	20.4	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.70	19.56	19.64	20.4	0.0
Channel				632002	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.66	19.55	19.65	20.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.66	19.61	19.65	20.4	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.69	19.61	19.61	20.4	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.69	19.60	19.62	20.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.60	19.55	19.73	20.4	0.0

Part27O n77 Ant2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3700	3840	3930		
100	PI/2 BPSK	1	1	19.28	19.31	19.31		
100	PI/2 BPSK	1	137	19.20	19.29	19.30	20.4	0.0
100	PI/2 BPSK	1	271	19.22	19.21	19.29		
100	PI/2 BPSK	135	0	19.24	19.19	19.18	20.4	0.0
100	PI/2 BPSK	135	69	19.27	19.23	19.30	20.4	0.0
100	PI/2 BPSK	135	138	19.19	19.27	19.19	20.4	0.0
100	PI/2 BPSK	270	0	19.26	19.22	19.26		
100	QPSK	1	1	19.29	19.37	19.30		
100	QPSK	1	137	19.19	19.19	19.30	20.4	0.0
100	QPSK	1	271	19.29	19.29	19.24		
100	QPSK	135	0	19.26	19.22	19.28	20.4	0.0
100	QPSK	135	69	19.24	19.31	19.30	20.4	0.0
100	QPSK	135	138	19.25	19.18	19.18	20.4	0.0
100	QPSK	270	0	19.19	19.26	19.23		
100	16QAM	1	1	19.23	19.29	19.21	20.4	0.0
100	64QAM	1	1	18.87	19.21	19.02	20.4	0.0
100	256QAM	1	1	18.12	18.18	17.97	19.0	1.4
Channel				649668	656668	663334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	19.13	18.99	19.07	20.4	0.0
Channel				649334	656668	663668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	19.13	19.08	19.08	20.4	0.0
Channel				649000	656668	664002	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.08	19.11	19.10	20.4	0.0
Channel				648668	656668	664334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	19.14	19.14	18.99	20.4	0.0
Channel				648334	656668	664668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	19.00	19.06	18.99	20.4	0.0
Channel				648002	656668	665002	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.01	19.07	19.12	20.4	0.0
Channel				647668	656668	665334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	19.11	19.11	19.02	20.4	0.0
Channel				647334	656668	665668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	19.12	19.09	19.07	20.4	0.0

Part27Q n78 Ant2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		19.92			
100	PI/2 BPSK	1	137		19.93		20.4	0.0
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.89		20.4	0.0
100	PI/2 BPSK	135	69		19.88		20.4	0.0
100	PI/2 BPSK	135	138		19.91		20.4	0.0
100	PI/2 BPSK	270	0		19.86			
100	QPSK	1	1		20.09			
100	QPSK	1	137		19.91		20.4	0.0
100	QPSK	1	271		19.87			
100	QPSK	135	0		19.84		20.4	0.0
100	QPSK	135	69		20.03		20.4	0.0
100	QPSK	135	138		19.81		20.4	0.0
100	QPSK	270	0		19.88		20.4	0.0
100	16QAM	1	1		19.79		20.4	0.0
100	64QAM	1	1		19.88		20.4	0.0
100	256QAM	1	1		18.69		20.4	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.70	19.79	19.81	20.4	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.74	19.80	19.80	20.4	0.0
		Channel		632334	633334	634332	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.73	19.81	19.75	20.4	0.0
		Channel		632002	633334	634666	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.79	19.72	19.74	20.4	0.0
		Channel		631668	633334	635000	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.82	19.72	19.82	20.4	0.0
		Channel		631334	633334	635332	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.72	19.74	19.82	20.4	0.0
		Channel		631002	633334	635666	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.74	19.82	19.82	20.4	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.82	19.78	19.81	20.4	0.0

Part27O n78 PC2&3 Ant2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		19.69			
100	PI/2 BPSK	1	137		19.63		20.4	0.0
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.61		20.4	0.0
100	PI/2 BPSK	135	69		19.63		20.4	0.0
100	PI/2 BPSK	135	138		19.49		20.4	0.0
100	PI/2 BPSK	270	0		19.64			
100	QPSK	1	1		19.71			
100	QPSK	1	137		19.65		20.4	0.0
100	QPSK	1	271		19.53			
100	QPSK	135	0		19.49		20.4	0.0
100	QPSK	135	69		19.69		20.4	0.0
100	QPSK	135	138		19.44		20.4	0.0
100	QPSK	270	0		19.62		20.4	0.0
100	16QAM	1	1		19.52		20.4	0.0
100	64QAM	1	1		19.46		20.4	0.0
100	256QAM	1	1		19.46		20.4	0.0
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	19.34	19.39	19.34	20.4	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	19.46	19.41	19.41	20.4	0.0
		Channel		649000	650000	651000	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.39	19.46	19.41	20.4	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	19.42	19.38	19.40	20.4	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	19.34	19.40	19.39	20.4	0.0
		Channel		648000	650000	652000	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.33	19.40	19.43	20.4	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.47	19.39	19.33	20.4	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	19.36	19.44	19.41	20.4	0.0

Part27Q n78 PC2&3 Ant8 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		21.96			
100	PI/2 BPSK	1	137		22.04		22.9	0.0
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.01		22.9	0.0
100	PI/2 BPSK	135	69		21.99		22.9	0.0
100	PI/2 BPSK	135	138		21.98		22.9	0.0
100	PI/2 BPSK	270	0		21.98			
100	QPSK	1	1		22.19			
100	QPSK	1	137		22.14		22.9	0.0
100	QPSK	1	271		22.08			
100	QPSK	135	0		22.01		22.9	0.0
100	QPSK	135	69		22.08		22.9	0.0
100	QPSK	135	138		21.96		22.9	0.0
100	QPSK	270	0		21.97		22.9	0.0
100	16QAM	1	1		21.86		22.9	0.0
100	64QAM	1	1		22.18		22.9	0.0
100	256QAM	1	1		21.89		22.9	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.03	22.05	22.02	22.9	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.96	22.13	21.95	22.9	0.0
		Channel		632334	633334	634332	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.90	22.18	21.97	22.9	0.0
		Channel		632002	633334	634666	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.08	22.18	22.08	22.9	0.0
		Channel		631668	633334	635000	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.95	21.98	21.91	22.9	0.0
		Channel		631334	633334	635332	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.98	22.11	21.86	22.9	0.0
		Channel		631002	633334	635666	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.97	22.08	21.87	22.9	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.88	22.12	21.87	22.9	0.0

Part27O n78 Ant8 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		21.84		22.9	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.98		22.9	0.0
100	PI/2 BPSK	135	0		21.71			
100	PI/2 BPSK	135	69		21.82		22.9	0.0
100	PI/2 BPSK	135	138		21.85		22.9	0.0
100	PI/2 BPSK	270	0		21.82		22.9	0.0
100	QPSK	1	1		22.00			
100	QPSK	1	137		21.99		22.9	0.0
100	QPSK	1	271		21.98			
100	QPSK	135	0		21.77		22.9	0.0
100	QPSK	135	69		21.81		22.9	0.0
100	QPSK	135	138		21.41		22.9	0.0
100	QPSK	270	0		21.81		22.9	0.0
100	16QAM	1	1		21.67		22.9	0.0
100	64QAM	1	1		21.95		22.9	0.0
100	256QAM	1	1		21.86		22.9	0.0
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	21.85	21.83	21.85	22.9	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	21.94	21.76	21.77	22.9	0.0
		Channel		649000	650000	651000	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	21.82	21.73	21.69	22.9	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	21.92	21.93	21.79	22.9	0.0
		Channel		648000	650000	652000	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.81	21.74	21.75	22.9	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.92	21.72	21.93	22.9	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.79	21.71	21.91	22.9	0.0

n5 NSA Ant0 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.78	21.98	21.78		
20	PI/2 BPSK	1	53	21.50	21.95	21.73	23.3	0.0
20	PI/2 BPSK	1	104	21.56	21.86	21.63		
20	PI/2 BPSK	50	0	21.93	21.81	21.71	23.3	0.0
20	PI/2 BPSK	50	28	21.84	21.86	21.68	23.3	0.0
20	PI/2 BPSK	50	56	21.62	21.96	21.72	23.3	0.0
20	PI/2 BPSK	100	0	21.80	22.09	21.74		
20	QPSK	1	1	22.09	22.14	22.01		
20	QPSK	1	53	21.80	22.00	21.80	23.3	0.0
20	QPSK	1	104	21.65	22.09	21.93		
20	QPSK	50	0	21.55	21.95	21.65	23.3	0.0
20	QPSK	50	28	21.89	21.99	21.81	23.3	0.0
20	QPSK	50	56	21.74	21.80	21.59	23.3	0.0
20	QPSK	100	0	21.67	21.94	21.75	23.3	0.0
20	16QAM	1	1	21.58	21.80	21.65	23.3	0.0
20	64QAM	1	1	22.06	21.88	21.86	23.3	0.0
20	256QAM	1	1	21.29	21.48	21.22	22.5	0.8
Channel				166300	167000	167700	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.55	21.94	21.88	23.3	0.0
Channel				166100	167000	167900	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	21.66	21.77	21.63	23.3	0.0
Channel				165350	167000	168650	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.69	21.89	21.55	23.3	0.0

n7 Ant0 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.48	14.52	14.30		
40	PI/2 BPSK	1	108	14.46	14.55	14.43	15.5	0.0
40	PI/2 BPSK	1	214	14.37	14.40	14.45		
40	PI/2 BPSK	108	0	14.32	14.42	14.33	15.5	0.0
40	PI/2 BPSK	108	54	14.44	14.37	14.55	15.5	0.0
40	PI/2 BPSK	108	108	14.31	14.41	14.41	15.5	0.0
40	PI/2 BPSK	216	0	14.32	14.44	14.35		
40	QPSK	1	1	14.46	14.56	14.48		
40	QPSK	1	108	14.47	14.39	14.31	15.5	0.0
40	QPSK	1	214	14.37	14.38	14.38		
40	QPSK	108	0	14.35	14.44	14.32	15.5	0.0
40	QPSK	108	54	14.41	14.48	14.47	15.5	0.0
40	QPSK	108	108	14.33	14.35	14.42	15.5	0.0
40	QPSK	216	0	14.41	14.45	14.39		
40	16QAM	1	1	14.44	14.52	14.28	15.5	0.0
40	64QAM	1	1	14.33	14.47	14.42	15.5	0.0
40	256QAM	1	1	14.38	14.48	14.44	15.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	14.32	14.45	14.46	15.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	14.47	14.33	14.50	15.5	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	14.52	14.52	14.50	15.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	14.45	14.33	14.46	15.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	14.39	14.53	14.33	15.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	14.47	14.51	14.50	15.5	0.0

n7 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.17	15.21	15.16		
40	PI/2 BPSK	1	108	15.25	15.10	15.22	16.3	0.0
40	PI/2 BPSK	1	214	15.25	15.14	15.18		
40	PI/2 BPSK	108	0	15.26	15.14	15.14	16.3	0.0
40	PI/2 BPSK	108	54	15.14	15.17	15.16	16.3	0.0
40	PI/2 BPSK	108	108	15.23	15.10	15.23	16.3	0.0
40	PI/2 BPSK	216	0	15.22	15.20	15.22		
40	QPSK	1	1	15.16	15.30	15.22		
40	QPSK	1	108	15.19	15.10	15.15	16.3	0.0
40	QPSK	1	214	15.23	15.15	15.07		
40	QPSK	108	0	15.14	15.23	15.15	16.3	0.0
40	QPSK	108	54	15.13	15.25	15.23	16.3	0.0
40	QPSK	108	108	15.23	15.19	15.16	16.3	0.0
40	QPSK	216	0	15.16	15.20	15.19		
40	16QAM	1	1	15.08	15.18	15.21	16.3	0.0
40	64QAM	1	1	15.13	15.21	15.08	16.3	0.0
40	256QAM	1	1	15.14	15.13	15.10	16.3	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	15.09	15.28	15.20	16.3	0.0
Channel				502750	507000	511250	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	15.07	15.23	15.18	16.3	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	15.10	15.16	15.16	16.3	0.0
Channel				501750	507000	512250	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	15.07	15.16	15.11	16.3	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	15.10	15.15	15.11	16.3	0.0
Channel				500250	507000	513750	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	15.09	15.26	15.18	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	14.06	14.17	14.08		
40	PI/2 BPSK	1	108	14.13	14.13	14.13	15.5	0.0
40	PI/2 BPSK	1	214	14.18	14.17	14.15		
40	PI/2 BPSK	108	0	14.11	14.09	14.12	15.5	0.0
40	PI/2 BPSK	108	54	14.18	14.17	14.08	15.5	0.0
40	PI/2 BPSK	108	108	14.18	14.06	14.21	15.5	0.0
40	PI/2 BPSK	216	0	14.12	14.10	14.07		
40	QPSK	1	1	14.20	14.38	14.07		
40	QPSK	1	108	14.20	14.11	14.12	15.5	0.0
40	QPSK	1	214	14.18	14.16	14.16		
40	QPSK	108	0	14.11	14.13	14.12	15.5	0.0
40	QPSK	108	54	14.09	14.25	14.11	15.5	0.0
40	QPSK	108	108	14.11	14.09	14.09	15.5	0.0
40	QPSK	216	0	14.11	14.19	14.14	15.5	0.0
40	16QAM	1	1	14.19	14.18	14.15	15.5	0.0
40	64QAM	1	1	14.15	14.15	14.13	15.5	0.0
40	256QAM	1	1	14.10	14.21	14.16	15.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	14.31	14.34	14.20	15.5	0.0
Channel				344750	349000	353250	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
25	QPSK	1	1	14.07	14.36	14.11	15.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
20	QPSK	1	1	14.06	14.34	13.99	15.5	0.0
Channel				344250	349000	353750	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	14.24	14.28	14.20	15.5	0.0
Channel				343750	349000	354250	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	14.07	14.23	14.13	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2591.02	2595	2598.98		
40	PI/2 BPSK	1	1	14.56	14.62	14.62		
40	PI/2 BPSK	1	53	14.58	14.57	14.48	15.6	0.0
40	PI/2 BPSK	1	104	14.60	14.51	14.50		
40	PI/2 BPSK	50	0	14.56	14.56	14.50	15.6	0.0
40	PI/2 BPSK	50	28	14.62	14.60	14.53	15.6	0.0
40	PI/2 BPSK	50	56	14.52	14.53	14.61	15.6	0.0
40	PI/2 BPSK	100	0	14.49	14.55	14.49		
40	QPSK	1	1	14.57	14.71	14.50		
40	QPSK	1	53	14.59	14.54	14.61	15.6	0.0
40	QPSK	1	104	14.51	14.52	14.58		
40	QPSK	50	0	14.55	14.59	14.52	15.6	0.0
40	QPSK	50	28	14.53	14.61	14.60	15.6	0.0
40	QPSK	50	56	14.56	14.52	14.60	15.6	0.0
40	QPSK	100	0	14.48	14.60	14.60	15.6	0.0
40	16QAM	1	1	14.58	14.53	14.55	15.6	0.0
40	64QAM	1	1	14.59	14.52	14.61	15.6	0.0
40	256QAM	1	1	14.64	14.63	14.60	15.6	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	14.41	14.56	14.40	15.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	14.52	14.55	14.38	15.6	0.0
Channel				515002	519000	522998	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	14.45	14.57	14.39	15.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	14.49	14.62	14.42	15.6	0.0

Par27Q n77 Ant2 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.77			
100	PI/2 BPSK	1	137		11.74		12.9	0.0
100	PI/2 BPSK	1	271		11.68			
100	PI/2 BPSK	135	0		11.69		12.9	0.0
100	PI/2 BPSK	135	69		11.70		12.9	0.0
100	PI/2 BPSK	135	138		11.67		12.9	0.0
100	PI/2 BPSK	270	0		11.69			
100	QPSK	1	1		11.98			
100	QPSK	1	137		11.62		12.9	0.0
100	QPSK	1	271		11.67			
100	QPSK	135	0		11.59		12.9	0.0
100	QPSK	135	69		11.60		12.9	0.0
100	QPSK	135	138		11.67		12.9	0.0
100	QPSK	270	0		11.70		12.9	0.0
100	16QAM	1	1		11.71		12.9	0.0
100	64QAM	1	1		11.83		12.9	0.0
100	256QAM	1	1		11.78		12.9	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	11.62	11.90	11.79	0.0	0.0
Channel				632868	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	11.65	11.84	11.71	0.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	11.64	11.95	11.71	0.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	11.69	11.94	11.85	0.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	11.70	11.91	11.79	0.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	11.61	11.95	11.73	0.0	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	11.70	11.95	11.80	0.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	11.58	11.93	11.73	0.0	0.0

Part27O n77 Ant2 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.40	11.44	11.44		
100	PI/2 BPSK	1	137	11.31	11.41	11.38	12.9	0.0
100	PI/2 BPSK	1	271	11.34	11.35	11.42		
100	PI/2 BPSK	135	0	11.35	11.31	11.26	12.9	0.0
100	PI/2 BPSK	135	69	11.37	11.34	11.41	12.9	0.0
100	PI/2 BPSK	135	138	11.29	11.33	11.25	12.9	0.0
100	PI/2 BPSK	270	0	11.40	11.36	11.40		
100	QPSK	1	1	11.40	11.69	11.44		
100	QPSK	1	137	11.29	11.25	11.42	12.9	0.0
100	QPSK	1	271	11.40	11.38	11.35		
100	QPSK	135	0	11.41	11.29	11.37	12.9	0.0
100	QPSK	135	69	11.33	11.40	11.43	12.9	0.0
100	QPSK	135	138	11.32	11.28	11.23	12.9	0.0
100	QPSK	270	0	11.25	11.35	11.31	12.9	0.0
100	16QAM	1	1	11.34	11.33	11.28	12.9	0.0
100	64QAM	1	1	11.38	11.42	11.40	12.9	0.0
100	256QAM	1	1	11.35	11.41	11.30	12.9	0.0
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	11.25	11.46	11.28	12.9	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	11.31	11.51	11.32	12.9	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	11.12	11.35	11.33	12.9	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	11.15	11.42	11.35	12.9	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	11.23	11.31	11.30	12.9	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	11.11	11.43	11.33	12.9	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	11.10	11.42	11.23	12.9	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	11.11	11.40	11.23	12.9	0.0

Part27Q n78 PC2&3 Ant2 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.23			
100	PI/2 BPSK	1	137		12.22		13.2	0.0
100	PI/2 BPSK	1	271		12.09			
100	PI/2 BPSK	135	0		12.04		13.2	0.0
100	PI/2 BPSK	135	69		12.15		13.2	0.0
100	PI/2 BPSK	135	138		12.13		13.2	0.0
100	PI/2 BPSK	270	0		12.14			
100	QPSK	1	1		12.33		13.2	0.0
100	QPSK	1	137		12.09			
100	QPSK	1	271		12.21			
100	QPSK	135	0		12.12		13.2	0.0
100	QPSK	135	69		12.24		13.2	0.0
100	QPSK	135	138		12.06		13.2	0.0
100	QPSK	270	0		12.17		13.2	0.0
100	16QAM	1	1		12.11		13.2	0.0
100	64QAM	1	1		12.25		13.2	0.0
100	256QAM	1	1		12.04		13.2	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	12.04	12.02	12.05	13.2	0.0
Channel				633668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	11.94	11.96	11.97	13.2	0.0
Channel				633334	634332	635330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.04	11.89	11.98	13.2	0.0
Channel				632004	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	11.91	12.02	11.90	13.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	11.89	11.90	11.96	13.2	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	11.92	11.92	12.02	13.2	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	12.03	11.98	12.04	13.2	0.0
Channel				630678	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	12.03	12.01	11.99	13.2	0.0

Part27O n78 PC2&3 Ant2 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.44			
100	PI/2 BPSK	1	137		11.37		13.2	0.0
100	PI/2 BPSK	1	271		11.25			
100	PI/2 BPSK	135	0		11.21		13.2	0.0
100	PI/2 BPSK	135	69		11.31		13.2	0.0
100	PI/2 BPSK	135	138		11.33		13.2	0.0
100	PI/2 BPSK	270	0		11.31			
100	QPSK	1	1		11.55		13.2	0.0
100	QPSK	1	137		11.24			
100	QPSK	1	271		11.39			
100	QPSK	135	0		11.28		13.2	0.0
100	QPSK	135	69		11.43		13.2	0.0
100	QPSK	135	138		11.22		13.2	0.0
100	QPSK	270	0		11.32		13.2	0.0
100	16QAM	1	1		11.31		13.2	0.0
100	64QAM	1	1		11.45		13.2	0.0
100	256QAM	1	1		11.21		13.2	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	11.33	11.10	11.20	13.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	11.20	11.17	11.25	13.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	11.34	11.04	11.26	13.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	11.35	11.16	11.28	13.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	11.21	11.10	11.19	13.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	11.24	11.15	11.21	13.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	11.33	11.03	11.25	13.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	11.27	11.09	11.32	13.2	0.0

Part27Q n78 PC2&3 Ant7 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.21			
100	PI/2 BPSK	1	137		15.40		16.2	0.0
100	PI/2 BPSK	1	271		15.35			
100	PI/2 BPSK	135	0		15.15		16.2	0.0
100	PI/2 BPSK	135	69		15.07		16.2	0.0
100	PI/2 BPSK	135	138		15.18		16.2	0.0
100	PI/2 BPSK	270	0		15.17			
100	QPSK	1	1		15.47		16.2	0.0
100	QPSK	1	137		15.45			
100	QPSK	1	271		15.10			
100	QPSK	135	0		15.08		16.2	0.0
100	QPSK	135	69		15.45		16.2	0.0
100	QPSK	135	138		15.12		16.2	0.0
100	QPSK	270	0		15.37		16.2	0.0
100	16QAM	1	1		15.17		16.2	0.0
100	64QAM	1	1		15.09		16.2	0.0
100	256QAM	1	1		15.28		16.2	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.32	15.25	15.20	16.2	0.0
Channel				633668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.34	15.27	15.21	16.2	0.0
Channel				633334	634332	635330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.41	15.14	15.14	16.2	0.0
Channel				632004	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.25	15.35	15.23	16.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.37	14.89	15.25	16.2	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.42	15.13	15.16	16.2	0.0
Channel				631002	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.37	15.22	15.07	16.2	0.0
Channel				630678	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.05	15.17	15.16	16.2	0.0

Part27O n78 PC2&3 Ant7 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.31		16.2	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.47		16.2	0.0
100	PI/2 BPSK	135	0		15.21			
100	PI/2 BPSK	135	69		15.44		16.2	0.0
100	PI/2 BPSK	135	138		15.30		16.2	0.0
100	PI/2 BPSK	270	0		15.31		16.2	0.0
100	QPSK	1	1		15.52		16.2	0.0
100	QPSK	1	137		15.29			
100	QPSK	1	271		15.27		16.2	0.0
100	QPSK	135	0		15.30			
100	QPSK	135	69		15.47		16.2	0.0
100	QPSK	135	138		15.39		16.2	0.0
100	QPSK	270	0		15.47		16.2	0.0
100	16QAM	1	1		15.16		16.2	0.0
100	64QAM	1	1		15.18		16.2	0.0
100	256QAM	1	1		15.19		16.2	0.0
Channel				649668	650002	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	14.99	15.13	15.29	16.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	15.40	15.41	15.38	16.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.22	15.06	15.08	16.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	15.16	15.22	15.18	16.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	15.19	15.22	15.19	16.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.20	15.07	15.23	16.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	15.12	15.09	15.07	16.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	15.36	15.21	15.20	16.2	0.0

Part27Q n78 Ant8 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.31			
100	PI/2 BPSK	1	137		18.40		19.5	0.0
100	PI/2 BPSK	1	271		18.48			
100	PI/2 BPSK	135	0		18.43		19.5	0.0
100	PI/2 BPSK	135	69		18.35		19.5	0.0
100	PI/2 BPSK	135	138		18.32		19.5	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.51		19.5	0.0
100	QPSK	1	137		18.49			
100	QPSK	1	271		18.48			
100	QPSK	135	0		18.21		19.5	0.0
100	QPSK	135	69		18.31		19.5	0.0
100	QPSK	135	138		18.28		19.5	0.0
100	QPSK	270	0		18.32		19.5	0.0
100	16QAM	1	1		18.39		19.5	0.0
100	64QAM	1	1		18.47		19.5	0.0
100	256QAM	1	1		18.41		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	1	18.36	18.48	18.44	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.46	18.41	18.44	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	1	18.36	18.46	18.28	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	1	18.44	18.38	18.33	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.36	18.33	18.36	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	1	18.39	18.41	18.33	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	1	18.45	18.37	18.43	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.33	18.55	18.43	19.5	0.0

Part27O n78 Ant8 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.41		19.5	0.0
100	PI/2 BPSK	1	137		18.53			
100	PI/2 BPSK	1	271		18.55		19.5	0.0
100	PI/2 BPSK	135	0		18.51			
100	PI/2 BPSK	135	69		18.44		19.5	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.0
100	PI/2 BPSK	270	0		18.39		19.5	0.0
100	QPSK	1	1		18.67		19.5	0.0
100	QPSK	1	137		18.58			
100	QPSK	1	271		18.56			
100	QPSK	135	0		18.36		19.5	0.0
100	QPSK	135	69		18.42		19.5	0.0
100	QPSK	135	138		18.37		19.5	0.0
100	QPSK	270	0		18.43		19.5	0.0
100	16QAM	1	1		18.52		19.5	0.0
100	64QAM	1	1		18.55		19.5	0.0
100	256QAM	1	1		18.45		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.46	18.38	18.37	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.43	18.52	18.34	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.58	18.33	18.52	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.36	18.33	18.36	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.44	18.38	18.33	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.39	18.41	18.33	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.36	18.46	18.28	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.36	18.48	18.44	19.5	0.0

n7 Ant0 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.34	21.45	21.25	22.5	0.0
40	PI/2 BPSK	1	108	21.33	21.46	21.27		
40	PI/2 BPSK	1	214	21.34	21.45	21.24		
40	PI/2 BPSK	108	0	21.37	21.41	21.27	22.5	0.0
40	PI/2 BPSK	108	54	21.34	21.45	21.23	22.5	0.0
40	PI/2 BPSK	108	108	21.36	21.42	21.26	22.5	0.0
40	PI/2 BPSK	216	0	21.38	21.44	21.28		
40	QPSK	1	1	21.40	21.48	21.30	22.5	0.0
40	QPSK	1	108	21.34	21.41	21.23		
40	QPSK	1	214	21.34	21.45	21.25		
40	QPSK	108	0	21.32	21.41	21.24	22.5	0.0
40	QPSK	108	54	21.34	21.43	21.23	22.5	0.0
40	QPSK	108	108	21.32	21.40	21.27	22.5	0.0
40	QPSK	216	0	21.37	21.40	21.28		
40	16QAM	1	1	21.36	21.41	21.26	22.5	0.0
40	64QAM	1	1	21.36	21.43	21.27	22.5	0.0
40	256QAM	1	1	19.81	19.97	19.92	21.5	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.32	21.39	21.16	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.35	21.17	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.27	21.35	21.16	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.32	21.39	21.16	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.32	21.37	21.16	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.30	21.37	21.16	22.5	0.0

n7 Ant1 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.07	18.09	18.09	19.7	0.0
40	PI/2 BPSK	1	108	18.14	18.06	18.15		
40	PI/2 BPSK	1	214	18.13	18.05	18.04		
40	PI/2 BPSK	108	0	18.15	18.04	18.02	19.7	0.0
40	PI/2 BPSK	108	54	18.02	18.05	18.07	19.7	0.0
40	PI/2 BPSK	108	108	18.13	18.00	18.16	19.7	0.0
40	PI/2 BPSK	216	0	18.11	18.14	18.10		
40	QPSK	1	1	18.15	18.27	18.15	19.7	0.0
40	QPSK	1	108	18.10	18.01	18.02		
40	QPSK	1	214	18.14	18.07	18.00		
40	QPSK	108	0	18.05	18.11	18.05	19.7	0.0
40	QPSK	108	54	18.03	18.14	18.13	19.7	0.0
40	QPSK	108	108	18.10	18.11	18.03	19.7	0.0
40	QPSK	216	0	18.08	18.12	18.02		
40	16QAM	1	1	17.97	18.02	18.13	19.7	0.0
40	64QAM	1	1	18.05	18.10	17.99	19.7	0.0
40	256QAM	1	1	18.06	17.99	18.00	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.08	17.94	17.95	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.06	17.96	17.97	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.05	17.94	17.99	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.08	17.98	17.97	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.06	17.93	17.97	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.03	17.95	17.99	19.7	0.0

n66 Ant1 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.55	18.64	18.61	20.0	0.0
40	PI/2 BPSK	1	108	18.66	18.64	18.65		
40	PI/2 BPSK	1	214	18.66	18.70	18.68		
40	PI/2 BPSK	108	0	18.59	18.61	18.60	20.0	0.0
40	PI/2 BPSK	108	54	18.68	18.66	18.59	20.0	0.0
40	PI/2 BPSK	108	108	18.67	18.58	18.68	20.0	0.0
40	PI/2 BPSK	216	0	18.62	18.61	18.57		
40	QPSK	1	1	18.71	18.73	18.59	20.0	0.0
40	QPSK	1	108	18.69	18.60	18.65		
40	QPSK	1	214	18.66	18.68	18.67		
40	QPSK	108	0	18.43	18.53	18.43	20.0	0.0
40	QPSK	108	54	18.59	18.63	18.60	20.0	0.0
40	QPSK	108	108	18.43	18.57	18.58	20.0	0.0
40	QPSK	216	0	18.63	18.68	18.66		
40	16QAM	1	1	18.69	18.70	18.65	20.0	0.0
40	64QAM	1	1	18.63	18.65	18.65	20.0	0.0
40	256QAM	1	1	18.57	18.69	18.65	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.66	18.54	18.57	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.64	18.57	18.58	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.65	18.55	18.62	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.66	18.54	18.59	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.66	18.55	18.60	20.0	0.0

n38 Ant1 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2697.02	2705	2712.98		
40	PI/2 BPSK	1	1	18.33	18.41	18.41	19.6	0.0
40	PI/2 BPSK	1	53	18.43	18.38	18.29		
40	PI/2 BPSK	1	104	18.43	18.29	18.32		
40	PI/2 BPSK	50	0	18.35	18.33	18.35	19.6	0.0
40	PI/2 BPSK	50	29	18.44	18.42	18.35	19.6	0.0
40	PI/2 BPSK	50	56	18.32	18.31	18.39	19.6	0.0
40	PI/2 BPSK	100	0	18.28	18.33	18.32		
40	QPSK	1	1	18.39	18.52	18.33	19.6	0.0
40	QPSK	1	53	18.37	18.33	18.43		
40	QPSK	1	104	18.34	18.35	18.36		
40	QPSK	50	0	18.38	18.37	18.43	19.6	0.0
40	QPSK	50	29	18.33	18.44	18.37	19.6	0.0
40	QPSK	50	56	18.37	18.31	18.39	19.6	0.0
40	QPSK	100	0	18.30	18.30	18.33		
40	16QAM	1	1	18.40	18.31	18.37	19.6	0.0
40	64QAM	1	1	18.40	18.32	18.40	19.6	0.0
40	256QAM	1	1	18.45	18.41	18.38	19.5	0.1
Channel				517002	518998	520994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2696.01	2705	2713.99		
30	QPSK	1	1	18.25	18.36	18.07	19.6	0.0
Channel				516002	518000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2692	2705	2718		
20	QPSK	1	1	18.19	18.29	18.07	19.6	0.0
Channel				515002	518000	523498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2687.01	2705	2722.49		
15	QPSK	1	1	18.22	18.32	18.17	19.6	0.0
Channel				513004	518000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2677.02	2705	2414.98		
10	QPSK	1	1	18.19	18.31	18.16	19.6	0.0

Par27Q n77 Ant2 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3666.01			
100	PI/2 BPSK	1	1		16.81		17.7	0.0
100	PI/2 BPSK	1	137		16.80			
100	PI/2 BPSK	1	271		16.70			
100	PI/2 BPSK	135	0		16.68		17.7	0.0
100	PI/2 BPSK	135	69		16.72		17.7	0.0
100	PI/2 BPSK	135	138		16.71		17.7	0.0
100	PI/2 BPSK	270	0		16.74			
100	QPSK	1	1		17.05		17.7	0.0
100	QPSK	1	137		16.71			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.68		17.7	0.0
100	QPSK	135	69		16.88		17.7	0.0
100	QPSK	135	138		16.65		17.7	0.0
100	QPSK	270	0		16.76		17.7	0.0
100	16QAM	1	1		16.65		17.7	0.0
100	64QAM	1	1		16.83		17.7	0.0
100	256QAM	1	1		16.69		17.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3665	3666.01	3667.02		
90	QPSK	1	1	16.48	16.74	16.33	0.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3663.02	3666.01	3669		
80	QPSK	1	1	16.43	16.87	16.33	0.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3662.01	3666.01	3614.99		
70	QPSK	1	1	16.45	16.88	16.31	0.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3661	3666.01	3615.99		
60	QPSK	1	1	16.45	16.80	16.29	0.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.02	3666.01	3675		
50	QPSK	1	1	16.38	16.81	16.36	0.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3675.01	3666.01	3529.99		
40	QPSK	1	1	16.32	16.83	16.28	0.0	0.0
Channel				631002	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3666.01	3534.99		
30	QPSK	1	1	16.35	16.86	16.33	0.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3666.01	3540.97		
20	QPSK	1	1	16.34	16.81	16.29	0.0	0.0

Part27O n77 Ant2 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3730	3840	3950		
100	PI/2 BPSK	1	1	16.21	16.23	16.22	17.7	0.0
100	PI/2 BPSK	1	137	16.09	16.22	16.21		
100	PI/2 BPSK	1	271	16.12	16.18	16.22		
100	PI/2 BPSK	135	0	16.14	16.09	16.05	17.7	0.0
100	PI/2 BPSK	135	69	16.18	16.11	16.24	17.7	0.0
100	PI/2 BPSK	135	138	16.11	16.15	16.02		
100	PI/2 BPSK	270	0	16.19	16.19	16.20	17.7	0.0
100	QPSK	1	1	16.17	16.46	16.27		
100	QPSK	1	137	16.09	16.06	16.22	17.7	0.0
100	QPSK	1	271	16.19	16.21	16.17		
100	QPSK	135	0	16.24	16.07	16.18	17.7	0.0
100	QPSK	135	69	16.14	16.32	16.25	17.7	0.0
100	QPSK	135	138	16.13	16.07	16.02		
100	QPSK	270	0	16.05	16.18	16.15	17.7	0.0
100	16QAM	1	1	16.12	16.14	16.10	17.7	0.0
100	64QAM	1	1	16.14	16.20	16.18	17.7	0.0
100	256QAM	1	1	16.17	16.05	16.08	17.7	0.0
Channel				649668	650334	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3842.02	3840	3833.01		
90	QPSK	1	1	16.46	16.23	16.10	17.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3840.01	3840	3840.02		
80	QPSK	1	1	15.74	16.22	16.02	17.7	0.0
Channel				649000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3838	3840	3842		
70	QPSK	1	1	15.84	16.22	16.01	17.7	0.0
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3837.02	3840	3840.01		
60	QPSK	1	1	15.80	16.19	15.97	17.7	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3835.01	3840	3844.02		
50	QPSK	1	1	15.79	16.12	16.06	17.7	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3830	3840	3850		
40	QPSK	1	1	15.80	16.25	16.02	17.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.75	16.15	16.01	17.7	0.0
Channel				647334	650002	656668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.79	16.14	15.97	17.7	0.0

Part27Q n78 PC2&3 Ant2 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3951.01			
100	PI/2 BPSK	1	0		17.16			
100	PI/2 BPSK	1	137		17.11		17.7	0.0
100	PI/2 BPSK	1	271		16.97			
100	PI/2 BPSK	135	0		16.94		17.7	0.0
100	PI/2 BPSK	135	69		17.07		17.7	0.0
100	PI/2 BPSK	135	138		17.04		17.7	0.0
100	PI/2 BPSK	270	0		17.05			
100	QPSK	1	0		17.20			
100	QPSK	1	137		16.99		17.7	0.0
100	QPSK	1	271		17.11			
100	QPSK	135	0		17.03		17.7	0.0
100	QPSK	135	69		17.04		17.7	0.0
100	QPSK	135	138		16.98			
100	QPSK	270	0		17.05		17.7	0.0
100	16QAM	1	0		17.02		17.7	0.0
100	64QAM	1	0		17.13		17.7	0.0
100	256QAM	1	0		16.95		17.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3401	3434.01	3534.99	(dBm)	(dB)
90	QPSK	1	0	16.82	16.95	16.80	17.7	0.0
Channel				632968	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3400.02	3434.01	3500	(dBm)	(dB)
80	QPSK	1	0	16.73	16.95	16.70	17.7	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3402.01	3502.01	3614.98	(dBm)	(dB)
70	QPSK	1	0	16.77	16.89	16.85	17.7	0.0
Channel				632334	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3402	3502.01	3618.98	(dBm)	(dB)
60	QPSK	1	0	16.79	16.91	16.75	17.7	0.0
Channel				631968	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3401.97	3502.01	3670	(dBm)	(dB)
50	QPSK	1	0	16.76	16.89	16.74	17.7	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3502.01	3529.98	(dBm)	(dB)
40	QPSK	1	0	16.76	16.90	16.84	17.7	0.0
Channel				631334	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3502.01	3534.99	(dBm)	(dB)
30	QPSK	1	0	16.74	16.90	16.72	17.7	0.0
Channel				630968	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3502.01	3540	(dBm)	(dB)
20	QPSK	1	0	16.80	16.96	16.80	17.7	0.0

Part27O n78 PC2&3 Ant2 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	0		16.93			
100	PI/2 BPSK	1	137		16.85		17.7	0.0
100	PI/2 BPSK	1	271		16.76			
100	PI/2 BPSK	135	0		16.73		17.7	0.0
100	PI/2 BPSK	135	69		16.83		17.7	0.0
100	PI/2 BPSK	135	138		16.82		17.7	0.0
100	PI/2 BPSK	270	0		16.82			
100	QPSK	1	0		17.02			
100	QPSK	1	137		16.73		17.7	0.0
100	QPSK	1	271		16.87			
100	QPSK	135	0		16.78		17.7	0.0
100	QPSK	135	69		16.95		17.7	0.0
100	QPSK	135	138		16.79		17.7	0.0
100	QPSK	270	0		16.84			
100	16QAM	1	0		16.83		17.7	0.0
100	64QAM	1	0		16.97		17.7	0.0
100	256QAM	1	0		16.69		17.7	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3748.03	3750	3751.01	(dBm)	(dB)
90	QPSK	1	0	16.48	16.62	16.71	17.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	0	16.56	16.61	16.71	17.7	0.0
Channel				649003	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3725	3750	3775	(dBm)	(dB)
70	QPSK	1	0	16.58	16.63	16.64	17.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3693.02	3750	3773.01	(dBm)	(dB)
60	QPSK	1	0	16.57	16.74	16.67	17.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3693.01	3750	3773.02	(dBm)	(dB)
50	QPSK	1	0	16.56	16.60	16.66	17.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	0	16.55	16.77	16.72	17.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.01	(dBm)	(dB)
30	QPSK	1	0	16.49	16.76	16.70	17.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3715.01	3750	3784.02	(dBm)	(dB)
20	QPSK	1	0	16.52	16.72	16.70	17.7	0.0

Part27Q n78 PC2&3 Ant7 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3951.01			
100	PI/2 BPSK	1	0		19.82			
100	PI/2 BPSK	1	137		19.88		21.5	0.0
100	PI/2 BPSK	1	271		19.83			
100	PI/2 BPSK	135	0		19.76		21.5	0.0
100	PI/2 BPSK	135	69		19.84		21.5	0.0
100	PI/2 BPSK	135	138		19.86		21.5	0.0
100	PI/2 BPSK	270	0		19.82			
100	QPSK	1	0		20.11			
100	QPSK	1	137		19.86		21.5	0.0
100	QPSK	1	271		19.80			
100	QPSK	135	0		19.83		21.5	0.0
100	QPSK	135	69		19.88		21.5	0.0
100	QPSK	135	138		19.80		21.5	0.0
100	QPSK	270	0		19.86			
100	16QAM	1	0		19.74		21.5	0.0
100	64QAM	1	0		19.70		21.5	0.0
100	256QAM	1	0		19.67		21.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3401	3434.01	3534.99	(dBm)	(dB)
90	QPSK	1	0	19.50	19.59	19.49	21.5	0.0
Channel				632968	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3400.02	3434.01	3500	(dBm)	(dB)
80	QPSK	1	0	19.49	19.65	19.51	21.5	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3402.01	3502.01	3614.98	(dBm)	(dB)
70	QPSK	1	0	19.51	19.69	19.55	21.5	0.0
Channel				632334	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3402	3502.01	3618.98	(dBm)	(dB)
60	QPSK	1	0	19.53	19.68	19.55	21.5	0.0
Channel				631968	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3401.97	3502.01	3670	(dBm)	(dB)
50	QPSK	1	0	19.48	19.64	19.48	21.5	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3502.01	3529.98	(dBm)	(dB)
40	QPSK	1	0	19.40	19.71	19.53	21.5	0.0
Channel				631334	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3502.01	3534.99	(dBm)	(dB)
30	QPSK	1	0	19.41	19.67	19.45	21.5	0.0
Channel				630968	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3502.01	3540	(dBm)	(dB)
20	QPSK	1	0	19.48	19.72	19.53	21.5	0.0

Part27O n78 PC2&3 Ant7 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	0		19.81		21.5	0.0
100	PI/2 BPSK	1	137		19.74			
100	PI/2 BPSK	1	271		19.74		21.5	0.0
100	PI/2 BPSK	135	0		19.67			
100	PI/2 BPSK	135	69		19.68		21.5	0.0
100	PI/2 BPSK	135	138		19.69		21.5	0.0
100	PI/2 BPSK	270	0		19.76		21.5	0.0
100	QPSK	1	0		19.82			
100	QPSK	1	137		19.79		21.5	0.0
100	QPSK	1	271		19.70			
100	QPSK	135	0		19.73		21.5	0.0
100	QPSK	135	69		19.81		21.5	0.0
100	QPSK	135	138		19.75		21.5	0.0
100	QPSK	270	0		19.77		21.5	0.0
100	16QAM	1	1		19.65		21.5	0.0
100	64QAM	1	1		19.55		21.5	0.0
100	256QAM	1	1		19.52		21.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3748.03	3750	3751.01	(dBm)	(dB)
90	QPSK	1	1	19.32	19.62	19.48	21.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.02	(dBm)	(dB)
80	QPSK	1	1	19.33	19.58	19.53	21.5	0.0
Channel				649003	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3725	3750	3775	(dBm)	(dB)
70	QPSK	1	1	19.44	19.60	19.47	21.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3693.02	3750	3773.01	(dBm)	(dB)
60	QPSK	1	1	19.47	19.61	19.58	21.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3693.01	3750	3773.02	(dBm)	(dB)
50	QPSK	1	1	19.53	19.58	19.56	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.54	19.62	19.57	21.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.01	(dBm)	(dB)
30	QPSK	1	1	19.50	19.55	19.60	21.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3715.01	3750	3784.02	(dBm)	(dB)
20	QPSK	1	1	19.42	19.55	19.50	21.5	0.0

Part27Q n78 Ant8 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3400.01			
100	PI/2 BPSK	1	1		21.05		21.9	0.0
100	PI/2 BPSK	1	137		20.96			
100	PI/2 BPSK	1	271		21.14			
100	PI/2 BPSK	135	0		20.93		21.9	0.0
100	PI/2 BPSK	135	68		21.06		21.9	0.0
100	PI/2 BPSK	135	136		20.89		21.9	0.0
100	PI/2 BPSK	270	0		20.99			
100	QPSK	1	1		21.32		21.9	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.88		21.9	0.0
100	QPSK	135	68		20.93		21.9	0.0
100	QPSK	135	136		20.90			
100	QPSK	270	0		21.03		21.9	0.0
100	16QAM	1	1		20.82		21.9	0.0
100	64QAM	1	1		21.24		21.9	0.0
100	256QAM	1	1		20.84		21.9	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400	3400.01	3400.02		
90	QPSK	1	1	20.67	20.78	20.90	21.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400.02	3400.01	3400		
80	QPSK	1	1	20.67	20.80	20.99	21.9	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400.01	3400.01	3400.98		
70	QPSK	1	1	20.67	20.78	20.90	21.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400	3400.01	3401.02		
60	QPSK	1	1	20.68	20.79	20.94	21.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3401.02	3400.01	3398.98		
50	QPSK	1	1	20.69	20.80	20.99	21.9	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3401.01	3400.01	3398.98		
40	QPSK	1	1	20.67	20.78	21.00	21.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3401	3400.01	3398.98		
30	QPSK	1	1	20.70	20.81	20.99	21.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3401.02	3400.01	3399		
20	QPSK	1	1	20.67	20.80	21.00	21.9	0.0

Part27O n78 Ant8 DSI6 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.99		21.9	0.0
100	PI/2 BPSK	1	137		20.94			
100	PI/2 BPSK	1	271		20.87			
100	PI/2 BPSK	135	0		20.81		21.9	0.0
100	PI/2 BPSK	135	68		20.72		21.9	0.0
100	PI/2 BPSK	135	136		20.95		21.9	0.0
100	PI/2 BPSK	270	0		20.87		21.9	0.0
100	QPSK	1	1		21.07			
100	QPSK	1	137		20.86		21.9	0.0
100	QPSK	1	271		21.00			
100	QPSK	135	0		20.81		21.9	0.0
100	QPSK	135	68		20.88		21.9	0.0
100	QPSK	135	136		20.68		21.9	0.0
100	QPSK	270	0		20.77		21.9	0.0
100	16QAM	1	1		20.68		21.9	0.0
100	64QAM	1	1		21.05		21.9	0.0
100	256QAM	1	1		20.81		21.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3750	3750.01		
90	QPSK	1	1	20.73	20.84	21.00	21.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3750	3750.02		
80	QPSK	1	1	20.71	20.84	21.04	21.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3750	3750		
70	QPSK	1	1	20.74	20.77	20.97	21.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3750	3749.97		
60	QPSK	1	1	20.69	20.82	20.99	21.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.97	3750	3750.02		
50	QPSK	1	1	20.75	20.74	21.01	21.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3750	3750		
40	QPSK	1	1	20.63	20.77	20.94	21.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3750	3750.01		
30	QPSK	1	1	20.70	20.81	20.99	21.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.97	3750	3750.02		
20	QPSK	1	1	20.67	20.80	21.02	21.9	0.0

WLAN/Bluetooth Power

				Ant 4+6 Full Power Handheld (Standalone)		Ant 4+6 Head (Standalone)		Ant 4+6 Head (Simultaneous For DBS Only)		Ant 4+6 Head (Simultaneous For WWAN + WLAN)		Ant 4+6 Head (Simultaneous For WWAN + DBS)		Ant 4+6 Body_Worn (Simultaneous For DBS Only)		Ant 4+6 Body_Worn (Simultaneous For WWAN + WLAN)		Ant 4+6 Body_Worn (Simultaneous For WWAN + DBS)		Ant 4+6 Hotspot (Simultaneous For WWAN + WLAN)		Ant 4+6 Hotspot (Simultaneous For WWAN + DBS)		Ant 4+6 Body_Worn (Standalone) Handheld (Simultaneous For DBS Only)		Ant 4+6 Handheld (Simultaneous For WWAN + WLAN)		Ant 4+6 Handheld (Simultaneous For WWAN + DBS)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.10	23.50	18.69	20.00	16.43	17.50	14.80	16.00	11.89	13.50	19.16	20.50	18.21	19.50	15.33	17.00	16.80	18.00	14.43	15.50	21.70	23.00	20.71	22.00	17.71	19.00	
		6	2437	21.86	23.50	18.35	20.00	16.26	17.50	14.56	16.00	11.75	13.50	19.08	20.50	18.01	19.50	15.20	17.00	16.55	18.00	14.14	15.50	21.48	23.00	20.58	22.00	17.40	19.00	97.87
		11	2462	22.11	23.50	18.60	20.00	16.40	17.50	14.58	16.00	11.93	13.50	19.14	20.50	18.05	19.50	15.33	17.00	16.61	18.00	14.36	15.50	21.50	23.00	20.62	22.00	17.56	19.00	
	802.11g 6Mbps	1	2412	21.14	22.50	Not Required	20.00	Not Required	17.50	Not Required	16.00	Not Required	13.50	Not Required	20.50	Not Required	19.50	Not Required	17.00	Not Required	18.00	Not Required	15.50	Not Required	23.00	Not Required	22.00	Not Required	19.00	
		6	2437	20.76	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	99.29
		11	2462	20.54	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
	802.11n-HT20 MCS0	1	2412	21.02	22.50		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
		6	2437	20.67	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	100.00
		11	2462	20.34	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
	802.11n-HT40 MCS0	3	2422	19.44	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
		6	2437	19.64	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	100.00
		9	2452	19.36	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
	802.11ax-HE20 MCS0	1	2412	21.07	22.50		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
		6	2437	20.71	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	100.00
		11	2462	20.41	22.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
	802.11ax-HE40 MCS0	3	2422	19.47	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	100.00
		6	2437	19.69	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	
		9	2452	19.40	21.00		20.00		17.50		16.00		13.50		20.50		19.50		17.00		18.00		15.50		23.00		22.00		19.00	

Note: The 2.4GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

				Ant 5+6 Full Power Handheld (Standalone)		Ant 5+6 Head (Standalone) Handheld (Simultaneous For WWAN + WLAN)		Ant 5+6 Head (Simultaneous For DBS Only)		Ant 5+6 Head (Simultaneous For For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Body_Worn (Standalone)		Ant 5+6 Body_Worn (Simultaneous For DBS Only)		Ant 5+6 Body_Worn & Hotspot (Simultaneous For For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Handheld (Simultaneous For DBS Only)		Ant 5+6 Handheld (Simultaneous For WWAN + DBS)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.40	22.00	Not Required	20.50	Not Required	18.50	Not Required	14.50	Not Required	17.50	Not Required	15.50	Not Required	11.50	Not Required	21.50	Not Required	17.50	100.00
		40	5200	20.81	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		44	5220	20.83	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		48	5240	20.94	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
	802.11n-HT20 MCS0	36	5180	20.75	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	100.00
		40	5200	20.78	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		44	5220	20.76	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		48	5240	20.79	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
	802.11n-HT40 MCS0	38	5190	19.97	21.50		20.50		18.50		14.50		17.50		15.50		11.50	19.06	21.00		17.50	100.00
		46	5230	19.93	21.50		20.50		18.50		14.50		17.50		15.50		11.50	19.93	21.50		17.50	
	802.11ac-VHT20 MCS0	36	5180	20.71	22.00		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	1000.00
		40	5200	20.74	22.00		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		44	5220	20.73	22.00		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		48	5240	20.75	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
	802.11ac-VHT40 MCS0	38	5190	19.87	21.50		20.50		18.50		14.50		17.50		15.50		11.50	19.87	21.50		17.50	100.00
		46	5230	19.86	21.50		20.50		18.50		14.50		17.50		15.50		11.50	19.86	21.50		17.50	
	802.11ac-VHT80 MCS0	42	5210	18.73	20.50	18.73	20.50	16.92	18.50	12.92	14.50	15.67	17.50	14.05	15.50	10.03	11.50	18.73	20.50	15.51	17.50	100.00
	802.11ax-HE20 MCS0	36	5180	20.82	22.50	Not Required	20.50	Not Required	18.50	Not Required	14.50	Not Required	17.50	Not Required	15.50	Not Required	11.50	Not Required	21.50	Not Required	17.50	100.00
		40	5200	20.81	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		44	5220	20.88	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
		48	5240	20.82	22.50		20.50		18.50		14.50		17.50		15.50		11.50		21.50		17.50	
	802.11ax-HE40 MCS0	38	5190	20.01	21.50		20.50		18.50		14.50		17.50		15.50		11.50	20.01	21.50		17.50	100.00
		46	5230	19.96	21.50		20.50		18.50		14.50		17.50		15.50		11.50	19.96	21.50		17.50	
	802.11ax-HE80 MCS0	42	5210	18.78	20.50	18.78	20.50		18.50		14.50		17.50		15.50		11.50	18.78	20.50		17.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

				Ant 5+6 Full Power Handheld (Standalone)		Ant 5+6 Head (Standalone) Handheld (Simultaneous For WWAN + WLAN)		Ant 5+6 Head (Simultaneous For DBS Only)		Ant 5+6 (Simultaneous For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Body_Worn (Simultaneous For For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Body_Worn (Standalone) Handheld (Simultaneous For WWAN + WLAN)		Ant 5+6 Body_Worn (Simultaneous For DBS Only) Handheld (Simultaneous For WWAN + DBS)		Ant 5+6 Handheld (Simultaneous For DBS Only)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.41	21.00	Not Required	20.50	Not Required	18.50	Not Required	14.50	Not Required	11.50	Not Required	17.50	Not Required	15.50	Not Required	19.00	100.00
		56	5280	19.46	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		60	5300	19.51	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		64	5320	19.61	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11n-HT20 MCS0	52	5260	19.25	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
		56	5280	19.29	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		60	5300	19.36	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		64	5320	19.44	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11n-HT40 MCS0	54	5270	18.88	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
		62	5310	19.00	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11ac-VHT20 MCS0	52	5260	19.30	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
		56	5280	19.33	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		60	5300	19.41	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		64	5320	19.50	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11ac-VHT40 MCS0	54	5270	18.89	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
		62	5310	19.03	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11ac-VHT80 MCS0	58	5290	18.85	20.50	18.85	20.50	17.03	18.50	13.02	14.50	10.59	11.50	15.77	17.50	13.81	15.50	17.31	19.00	100.00
	802.11ac-VHT160 MCS0	50	5250	16.82	18.00	16.82	18.00	16.82	18.00	Not Required	14.50	Not Required	11.50	Not Required	17.50	Not Required	15.50	16.82	18.00	100
	802.11ax-HE20 MCS0	52	5260	19.32	21.00	Not Required	20.50	Not Required	18.50	Not Required	14.50	Not Required	11.50	Not Required	17.50	Not Required	15.50	Not Required	19.00	100.00
		56	5280	19.35	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		60	5300	19.44	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
		64	5320	19.55	21.00		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11ax-HE40 MCS0	54	5270	18.94	20.50		20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
		62	5310	19.07	20.50		20.50		18.50		14.50		11.50		17.50		15.50		19.00	
	802.11ax-HE80 MCS0	58	5290	18.88	20.50	18.88	20.50		18.50		14.50		11.50		17.50		15.50		19.00	100.00
	802.11ax-HE160 MCS0	50	5250	16.89	18.50	16.89	18.50	16.89	18.50		14.50		11.50		17.50		15.50		19.00	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

			Ant 5+6 Full Power Handheld (Standalone)			Ant 5+6 Head (Standalone) Body_Worn (Standalone)		Ant 5+6 Head (Simultaneous For DBS Only) Body_Worn (Simultaneous For DBS Only)		Ant 5+6 Head (Simultaneous For WWAN + DBS) (Simultaneous For WWAN + WLAN) Handheld (Simultaneous For WWAN + WLAN)		Ant 5+6 Handheld (Simultaneous For DBS Only)		Ant 5+6 Handheld (Simultaneous For WWAN + DBS)		Ant 5+6 Body_Worn (Simultaneous For WWAN + DBS) (Simultaneous For WWAN + WLAN)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	21.04	22.50	Not Required	21.00	Not Required	19.00	Not Required	14.50	Not Required	20.00	Not Required	16.00	Not Required	14.50	100.00
		116	5580	21.06	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		124	5620	21.07	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		132	5660	21.03	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		140	5700	20.89	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		144	5720	20.91	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11n-HT20 MCS0	100	5500	20.93	22.50		21.00		19.00		14.50		20.00		16.00		14.50	100.00
		116	5580	21.06	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		124	5620	20.88	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		132	5660	20.90	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		140	5700	20.73	22.00		21.00		19.00		14.50		20.00		16.00		14.50	
		144	5720	20.80	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11n-HT40 MCS0	102	5510	20.08	21.50	19.50	21.00		19.00		14.50		20.00		16.00		14.50	100.00
		110	5550	20.20	21.50	19.64	21.00		19.00		14.50		20.00		16.00		14.50	
		126	5630	19.91	21.50	19.32	21.00		19.00		14.50		20.00		16.00		14.50	
		134	5670	19.97	21.50	19.40	21.00		19.00		14.50		20.00		16.00		14.50	
		142	5710	19.92	21.50	19.46	21.00		19.00		14.50		20.00		16.00		14.50	
	802.11ac-VHT20 MCS0	100	5500	20.89	22.50	Not Required	21.00		19.00		14.50		20.00		16.00		14.50	100.00
		116	5580	21.01	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		124	5620	20.84	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		132	5660	20.85	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		140	5700	20.64	22.00		21.00		19.00		14.50		20.00		16.00		14.50	
		144	5720	20.75	22.00		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11ac-VHT40 MCS0	102	5510	19.98	21.50		21.00		19.00		14.50		20.00		16.00		14.50	100.00
		110	5550	20.12	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		126	5630	19.82	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		134	5670	19.88	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		142	5710	19.84	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11ac-VHT80 MCS0	106	5530	18.98	20.50	18.98	20.50	17.23	19.00	13.10	14.50	18.53	20.00	14.37	16.00	13.10	14.50	100.00
		122	5610	18.90	20.50	18.90	20.50	17.20	19.00	13.16	14.50	18.54	20.00	14.46	16.00	12.92	14.50	
		138	5690	18.73	20.00	18.73	20.00	17.12	19.00	12.97	14.50	18.37	20.00	14.31	16.00	13.02	14.50	
	802.11ac-VHT160 MCS0	114	5570	18.40	20.00	18.40	20.00		19.00		14.50		20.00		16.00		14.50	100.00
	802.11ax-HE20 MCS0	100	5500	20.97	22.50	Not Required	21.00	Not Required	19.00	Not Required	14.50	Not Required	20.00	Not Required	16.00	Not Required	14.50	100.00
		116	5580	21.10	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		124	5620	20.91	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		132	5660	20.96	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		140	5700	20.80	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
		144	5720	20.87	22.50		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11ax-HE40 MCS0	102	5510	20.10	21.50		21.00		19.00		14.50		20.00		16.00		14.50	100.00
		110	5550	20.22	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		126	5630	19.95	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		134	5670	20.01	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
		142	5710	19.95	21.50		21.00		19.00		14.50		20.00		16.00		14.50	
	802.11ax-HE80 MCS0	106	5530	19.01	20.50	19.01	20.50		19.00		14.50		20.00		16.00		14.50	100.00
		122	5610	18.92	20.50	18.92	20.50		19.00		14.50		20.00		16.00		14.50	
		138	5690	18.76	20.00	18.76	20.00		19.00		14.50		20.00		16.00		14.50	
	802.11ax-HE160 MCS0	114	5570	18.44	20.00	18.44	20.00		19.00		14.50		20.00		16.00		14.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

			Ant 5+6 Full Power Handheld (Standalone)			Ant 5+6 Head (Simultaneous For DBS Only)		Ant 5+6 Head & Body_Worn (Simultaneous For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Hotspot (Simultaneous For WWAN + DBS) (Simultaneous For WWAN + WLAN)		Ant 5+6 Handheld (Simultaneous For DBS Only) Body_Worn (Standalone)		Ant 5+6 Head (Standalone) Handheld (Simultaneous For WWAN + WLAN)		Ant 5+6 Handheld (Simultaneous For WWAN + DBS)		Ant 5+6 Body_Worn (Simultaneous For DBS Only)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.93	22.50	Not Required	17.50	Not Required	14.00	Not Required	13.00	Not Required	21.00	Not Required	20.00	Not Required	16.50	Not Required	19.00	100.00
		157	5785	21.06	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
		165	5825	21.31	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11n-HT20 MCS0	149	5745	20.79	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	100.00
		157	5785	20.93	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
		165	5825	21.23	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11n-HT40 MCS0	151	5755	19.96	21.50		17.50		14.00		13.00	19.54	21.00		20.00		16.50		19.00	100.00
		159	5795	20.05	21.50		17.50		14.00		13.00	19.60	21.00		20.00		16.50		19.00	
	802.11ac-VHT20 MCS0	149	5745	20.71	22.00		17.50		14.00		13.00		21.00		20.00		16.50		19.00	100.00
		157	5785	20.86	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
		165	5825	21.11	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11ac-VHT40 MCS0	151	5755	19.86	21.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	100.00
		159	5795	19.90	21.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11ac-VHT80 MCS0	155	5775	18.85	20.50	15.95	17.50	12.30	14.00	11.66	13.00	18.85	20.50	18.60	20.00	14.87	16.50	17.16	19.00	100.00
	802.11ax-HE20 MCS0	149	5745	20.81	22.50	Not Required	17.50	Not Required	14.00	Not Required	13.00	Not Required	21.00	Not Required	20.00	Not Required	16.50	Not Required	19.00	100.00
		157	5785	20.99	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
		165	5825	21.28	22.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11ax-HE40 MCS0	151	5755	20.00	21.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	100.00
		159	5795	20.10	21.50		17.50		14.00		13.00		21.00		20.00		16.50		19.00	
	802.11ax-HE80 MCS0	155	5775	18.89	20.50		17.50		14.00		13.00	18.89	20.50		20.00		16.50		19.00	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

BT BR/EDR Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.53	10.52	10.58	14
	CH 39	2441	12.12	9.59	9.34	13.5
	CH 78	2480	10.49	7.63	7.58	11.5

BLE_1M Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.05
	CH 19	2440	8.73
	CH 39	2480	7.37
Tune-up Limit			11

BLE_2M Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.06
	CH 19	2440	8.96
	CH 39	2480	7.62
Tune-up Limit			11.00

BT BR/EDR Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	14.18	11.58	11.56	15
	CH 39	2441	15.04	12.48	12.44	16
	CH 78	2480	15.32	12.57	12.63	16.5

BLE_1M Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.29
	CH 19	2440	8.57
	CH 39	2480	7.58
Tune-up Limit			9.5

BLE_2M Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.32
	CH 19	2440	8.86
	CH 39	2480	7.80
Tune-up Limit			9.50

Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head (Antenna #0, Slave ID=6)

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	2	16	30	44	58	72	86	100	114	128	142	156	57	141
WCDMA B2	RMC 12.2Kbps	9400	1880	N/A	N/A	Leftt Cheek	0mm	0.073	0.117	0.038	0.071	0.079	0.065	0.082	0.054	0.079	0.685	0.066	0.081	0.077	0.057	0.081	0.075

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	3	17	31	45	59	73	87	101	115	129	143	157	70	154
WCDMA B4	RMC 12.2Kbps	1413	1732.6	N/A	N/A	Leftt Cheek	0mm	0.084	0.126	0.037	0.042	0.032	0.049	0.043	0.033	0.045	0.068	0.023	0.038	0.032	0.018	0.029	0.016

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	4	18	32	46	60	74	88	102	116	130	144	158	71	155
WCDMA B5	RMC 12.2Kbps	4182	836.4	N/A	N/A	Right Cheek	0mm	0.183	0.236	0.041	0.177	0.001	0.091	0.221	0.052	0.203	0.077	0.151	0.703	0.169	0.111	0.049	0.109

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	5	19	33	47	61	75	89	103	117	131	145	0	84	
LTE B12	QPSK	23095	707.5	1	0	Right Cheek	0mm	0.162	0.205	0.195	0.051	0.003	0.068	0.001	0.083	0.037	0.056	0.009	0.001	0.039	0.186	0.032	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	6	20	34	48	62	76	90	104	118	132	146	1	85	
LTE B13	QPSK	23230	782	1	0	Right Cheek	0mm	0.174	0.218	0.121	0.041	0.005	0.208	0.023	0.034	0.009	0.091	0.002	0.045	0.052	0.143	0.013	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	7	21	35	49	63	77	91	105	119	133	147	14	98	
LTE B25	QPSK	26340	1880	1	0	Leftt Cheek	0mm	0.066	0.102	0.043	0.017	0.047	0.053	0.046	0.053	0.062	0.059	0.089	0.073	0.049	0.036	0.055	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	8	22	36	50	64	78	92	106	120	134	148	15	99	
LTE B26	QPSK	26865	831.5	1	0	Right Cheek	0mm	0.213	0.279	0.092	0.002	0.029	0.161	0.053	0.131	0.107	0.142	0.114	0.241	0.106	0.009	0.125	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	9	23	37	51	65	79	93	107	121	135	149	28	112	
LTE B38(HPUE	QPSK	38000	2595	1	0	Right Cheek	0mm	0.041	0.568	0.038	0.045	0.035	0.037	0.033	0.032	0.045	0.031	0.041	0.036	0.074	0.043	0.037	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	10	24	38	52	66	80	94	108	122	136	150	29	113	
LTE B41	QPSK	40620	2593	1	0	Right Cheek	0mm	0.078	0.147	0.027	0.028	0.024	0.052	0.027	0.054	0.027	0.057	0.027	0.025	0.054	0.033	0.065	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	11	25	39	53	67	81	95	109	123	137	151	42	126	
LTE B66	QPSK	132322	1745	1	0	Leftt Cheek	0mm	0.051	0.082	0.290	0.031	0.027	0.067	0.027	0.810	0.039	0.076	0.042	0.029	0.053	0.035	0.059	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	12	26	40	54	68	82	96	110	124	138	152	43	127	
FR1 n5	QPSK	167300	836.5	1	1	Right Cheek	0mm	0.152	0.195	0.005	0.046	0.118	0.029	0.087	0.038	0.136	0.006	0.137	0.128	0.039	0.122	0.141	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	13	27	41	55	69	83	97	111	125	139	153	56	140	
FR1 n7	QPSK	507000	2535	108	54	Right Cheek	0mm	0.055	0.103	0.030	0.030	0.029	0.031	0.033	0.033	0.033	0.031	0.028	0.029	0.030	0.036	0.033	

Body (Antenna #0, Slave ID=6)

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	2	16	30	44	58	72	86	100	114	128	142	156	57	141
WCDMA B2	RMC 12.2Kbps	9262	1852.4	N/A	N/A	Back	5mm	0.897	1.66	0.215	0.334	0.318	0.329	0.374	0.254	0.382	0.428	0.262	0.349	0.341	0.223	0.370	0.451

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	3	17	31	45	59	73	87	101	115	129	143	157	70	154
WCDMA B4	RMC 12.2Kbps	1513	1752.6	N/A	N/A	Back	5mm	0.979	2.250	0.339	0.381	0.307	0.434	0.386	0.316	0.398	0.587	0.241	0.386	0.309	0.205	0.666	0.243

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	4	18	32	46	60	74	88	102	116	130	144	158	71	155
WCDMA B5	RMC 12.2Kbps	4132	826.4	N/A	N/A	Back	5mm	0.984	2.24	0.424	1.357	0.013	0.887	1.831	0.412	1.618	0.694	0.689	0.474	1.129	0.503	0.051	0.787

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	5	19	33	47	61	75	89	103	117	131	145	0	84	
LTE B12	QPSK	23095	707.5	1	0	Back	5mm	0.926	2.08	1.047	0.317	0.038	0.402	0.002	0.501	0.233	0.339	0.084	0.019	0.259	0.091	0.166	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	6	20	34	48	62	76	90	104	118	132	146	1	85	
LTE B13	QPSK	23230	782	1	0	Back	5mm	0.96	2.06	0.855	0.308	0.074	1.332	0.152	0.298	0.071	0.655	0.035	0.272	0.391	0.300	1.108	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	7	21	35	49	63	77	91	105	119	133	147	14	98	
LTE B25	QPSK	26340	1880	1	0	Back	5mm	0.982	2.12	0.287	0.153	0.298	0.351	0.292	0.328	0.473	0.363	0.691	0.473	0.305	0.311	0.403	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	8	22	36	50	64	78	92	106	120	134	148	15	99	
LTE B26	QPSK	26865	831.5	1	0	Back	5mm	0.956	1.78	0.482	0.028	0.174	0.771	0.292	0.513	0.507	0.601	0.424	0.981	0.430	0.566	0.039	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	9	23	37	51	65	79	93	107	121	135	149	28	112	
LTE B38(HPUE	QPSK	38150	2610	1	0	Back	5mm	0.921	1.96	0.197	0.228	0.182	0.193	0.181	0.184	0.219	0.166	0.221	0.191	0.391	0.268	0.160	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	10	24	38	52	66	80	94	108	122	136	150	29	113	
LTE B41	QPSK	40185	2549.5	1	0	Back	5mm	0.982	2.16	0.208	0.233	0.195	0.393	0.209	0.322	0.215	0.367	0.212	0.192	0.356	0.203	0.001	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	11	25	39	53	67	81	95	109	123	137	151	42	126	
LTE B66	QPSK	132572	1770	1	0	Back	5mm	0.877	1.73	0.168	0.176	0.154	0.347	0.167	0.506	0.215	0.399	0.241	0.173	0.292	0.336	0.206	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	12	26	40	54	68	82	96	110	124	138	152	43	127	
FR1 n5	QPSK	167300	836.5	1	1	Back	5mm	0.877	1.87	0.077	0.429	0.893	0.271	0.725	0.306	1.036	0.072	0.969	0.947	0.320	0.210	1.060	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)														
									Auto-Tune	13	27	41	55	69	83	97	111	125	139	153	56	140	
FR1 n7	QPSK	507000	2535	1	1	Back	5mm	0.933	2.01	0.544	0.380	0.609	0.461	0.350	0.474	0.365	0.375	0.388	0.491	0.304	0.409	0.624	

Body+1.2 (Antenna #0, Slave ID=0)

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.136	0.170	0.215	0.249	0.257	0.258	0.282	0.289	0.296	0.302	0.313	0.165	0.205	0.255	0.307	0.331	0.334	0.349	0.355	0.370
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.339	0.154	0.193	0.245	0.299	0.324	0.331	0.345	0.357	0.374	0.318	0.102	0.138	0.173	0.219	0.270	0.292	0.301	0.312	0.319
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
WCDMA B2	RMC 12.2Kbps	9262	1852.4	N/A	N/A	Back	5mm	0.897	1.66	0.341	0.365	0.291	0.313	0.329	0.332	0.333	0.336	0.336	0.340	0.341	0.342	0.302	0.330	0.353	0.365	0.373	0.370	0.374	0.374
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.378	0.271	0.293	0.311	0.324	0.329	0.332	0.334	0.333	0.344	0.227	0.237	0.254	0.268	0.281	0.285	0.284	0.283	0.292	0.367
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.492	0.478	0.441	0.402	0.387	0.384	0.382	0.373	0.371	0.355	0.529	0.506	0.458	0.415	0.395	0.390	0.383	0.378	0.365	0.462
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.428	0.385	0.344	0.328	0.326	0.319	0.314	0.309	0.402	0.366	0.324	0.284	0.271	0.268	0.257	0.254	0.331	0.666	0.705	
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.601	0.469	0.419	0.411	0.404	0.391	0.387	0.376	0.349	0.703	0.691	0.561	0.520	0.436	0.391	0.364	0.364	0.355	0.332	0.688
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.611	0.451	0.341	0.301	0.298	0.281	0.273	0.261	0.262	0.661	0.541	0.376	0.273	0.241	0.239	0.236	0.223	0.216	0.207	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.306	0.322	0.334	0.339	0.341	0.339	0.341	0.343	0.342	0.343	0.344	0.351	0.365	0.375	0.379	0.382	0.381	0.381	0.382	0.384
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.315	0.321	0.331	0.338	0.345	0.344	0.351	0.349	0.347	0.359	0.304	0.307	0.291	0.298	0.301	0.305	0.303	0.309	0.307	0.306
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
WCDMA B4	RMC 12.2Kbps	1513	1752.6	N/A	N/A	Back	5mm	0.979	2.250	0.314	0.824	0.702	0.552	0.445	0.414	0.426	0.404	0.402	0.384	0.374	0.356	0.861	0.715	0.561	0.455	0.417	0.414	0.394	0.386
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.368	0.754	0.599	0.461	0.372	0.331	0.341	0.325	0.336	0.311	0.666	0.521	0.393	0.316	0.287	0.286	0.273	0.265	0.255	0.337
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.806	0.977	0.767	0.526	0.444	0.434	0.397	0.398	0.382	0.346	0.876	0.951	0.717	0.491	0.423	0.413	0.381	0.367	0.336	0.916
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.876	0.587	0.394	0.316	0.329	0.306	0.292	0.274	0.926	0.800	0.467	0.326	0.275	0.270	0.251	0.241	0.225	0.293	0.321	0.607
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.791	0.561	0.453	0.437	0.422	0.402	0.392	0.322	0.388	0.386	0.666	0.701	0.658	0.492	0.400	0.387	0.342	0.331	0.291	0.436
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.756	0.647	0.388	0.309	0.300	0.268	0.254	0.231	0.228	0.478	0.809	0.572	0.317	0.251	0.243	0.237	0.216	0.205	0.184	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.078	0.128	0.231	0.378	0.424	0.414	0.619	0.693	0.886	0.887	1.174	0.883	0.143	0.288	0.649	0.933	1.064	1.361	1.357	1.642
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										1.222	0.024	0.046	0.105	0.301	0.517	0.651	0.883	1.011	1.586	0.620	0.399	0.013	0.063	0.165	0.292	0.376	0.531	0.636	
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										1.227	0.168	0.260	0.447	0.793	0.845	0.867	1.010	1.097	1.238	1.304	1.570	0.178	0.391	0.535	1.014	1.027	1.415	1.577	1.650
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
WCDMA B5	RMC 12.2Kbps	4132	826.4	N/A	N/A	Back	5mm	0.984	2.24	1.831	0.048	0.091	0.196	0.476	0.700	0.815	0.976	1.055	1.315	0.027	0.051	0.108	0.271	0.412	0.488	0.601	0.661	0.897	1.633
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.218	0.407	0.698	1.147	1.379	1.412	1.455	1.569	1.618	1.736	0.271	0.453	0.815	1.361	1.566	1.606	1.609	1.683	1.630	0.067
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.132	0.304	0.694	0.901	0.966	1.030	1.050	1.023	0.036	0.073	0.171	0.414	0.563	0.615	0.677	0.686	0.689	1.272	0.234	0.395
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.746	1.351	1.611	1.677	1.739	1.731	1.768	1.764	1.706	0.261	0.474	0.962	1.180	1.612	1.668	1.651	1.579	1.531	1.274	0.055
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.128	0.377	0.622	1.123	1.129	1.046	0.983	0.754	0.757	0.128	0.130	0.191	0.332	0.519	0.664	0.807	0.795	0.737	0.687	0.503

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.091	0.186	0.484	0.831	1.011	1.047	1.044	0.985	0.866	0.811	0.584	0.098	0.222	0.664	0.995	0.723	0.622	0.506	0.462	0.317
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.083	0.025	0.065	0.282	0.686	0.457	0.328	0.245	0.215	0.138	0.159	0.202	0.015	0.038	0.169	0.509	0.278	0.216	1.560	0.135
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.084	0.015	0.029	0.076	0.255	0.286	0.322	0.402	0.458	0.494	0.496	0.374	0.034	0.104	0.447	0.551	0.481	0.373	0.331	
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
LTE B12	QPSK	23095	707.5	1	0	Back	5mm	0.926	2.08	0.132	0.002	0.007	0.029	0.303	0.517	0.517	0.292	0.225	0.091	0.006	0.016	0.185	0.707	0.501	0.228	0.164	0.058	0.122	
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.005	0.014	0.029	0.096	0.166	0.176	0.203	0.245	0.257	0.233	0.005	0.013	0.003	0.175	0.295	0.303	0.261	0.231	0.123	0.001
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.001	0.008	0.082	0.193	0.439	0.292	0.214	0.061	0.001	0.001	0.004	0.045	0.254	0.471	0.291	0.189	0.044	0.084	0.002	0.006
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.014	0.047	0.084	0.105	0.114	0.125	0.133	0.146	0.151	0.002	0.005	0.019	0.028	0.087	0.165	0.184	0.175	0.159	0.066	0.000
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.000	0.002	0.034	0.146	0.263	0.259	0.192	0.051	0.051	0.000	0.001	0.001	0.017	0.091	0.231	0.278	0.321	0.203	0.035	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.203	0.300	0.468	0.647	0.692	0.721	0.855	0.909	0.986	1.020	1.150	0.141	0.217	0.357	0.588	0.717	0.767	0.831	0.869	0.987
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.308	0.041	0.007	0.126	0.236	0.305	0.338	0.381	0.401	0.499	0.241	0.207	0.024	0.046	0.074	0.141	0.181	0.202	0.230	0.242
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.308	0.325	0.569	1.001	1.395	1.408	1.406	1.382	1.332	1.273	1.230	1.059	0.255	0.493	0.967	1.144	1.014	0.945	0.855	0.813
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
LTE B13	QPSK	23230	782	1	0	Back	5mm	0.96	2.06	0.646	0.066	0.152	0.395	0.602	0.533	0.498	0.462	0.416	0.322	0.031	0.091	0.245	0.397	0.351	0.326	0.299	0.270	0.210	0.443
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.094	0.177	0.407	0.931	1.103	1.108	1.105	1.067	1.003	0.764	0.073	0.156	0.470	1.150	1.035	0.955	0.752	0.681	0.441	0.012
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.036	0.145	0.614	0.816	0.655	0.482	0.417	0.241	0.007	0.021	0.085	0.586	0.625	0.493	0.346	0.292	0.158	0.209	0.035	0.067
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.156	0.421	0.601	0.657	0.675	0.684	0.685	0.671	0.513	0.026	0.057	0.177	0.272	0.689	0.792	0.721	0.580	0.512	0.297	0.003
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.012	0.045	0.418	0.918	0.487	0.489	0.391	0.173	0.173	0.001	0.006	0.025	0.259	0.838	0.724	0.671	0.411	0.311	0.119	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.126	0.161	0.211	0.249	0.257	0.259	0.284	0.287	0.301	0.307	0.320	0.157	0.203	0.256	0.311	0.341	0.345	0.362	0.371	0.386
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.185	0.153	0.194	0.255	0.321	0.351	0.358	0.377	0.383	0.411	0.361	0.141	0.142	0.179	0.229	0.298	0.328	0.336	0.354	0.361
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.389	0.236	0.269	0.304	0.332	0.336	0.341	0.344	0.343	0.351	0.355	0.359	0.279	0.315	0.349	0.379	0.388	0.395	0.400	
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
LTE B25	QPSK	26340	1880	1	0	Back	5mm	0.982	2.12	0.399	0.404	0.258	0.292	0.325	0.353	0.362	0.368	0.371	0.375	0.389	0.231	0.356	0.286	0.307	0.317	0.323	0.328	0.325	0.341
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.425	0.432	0.428	0.408	0.402	0.403	0.397	0.391	0.389	0.378	0.472	0.473	0.461	0.437	0.425	0.423	0.416	0.412	0.403	0.421
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.417	0.399	0.381	0.367	0.367	0.363	0.360	0.357	0.373	0.364	0.342	0.319	0.305	0.302	0.299	0.299	0.299	0.377	0.401	
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.596	0.485	0.445	0.439	0.431	0.424	0.416	0.407	0.382	0.719	0.848	0.578	0.545	0.473	0.431	0.423	0.406	0.399	0.378	0.681
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.603	0.474	0.379	0.343	0.341	0.325	0.314	0.305	0.305	0.527	0.525	0.395	0.308	0.288	0.274	0.275	0.261	0.253	0.242	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.047	0.076	0.138	0.227	0.247	0.268	0.308	0.406	0.482	0.527	0.693	0.052	0.091	0.179	0.396	0.566	0.635	0.758	0.807	0.980
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.713	0.015	0.028	0.065	0.185	0.312	0.392	0.527	0.608	0.943	0.368	0.237	0.007	0.014	0.034	0.100	0.174	0.225	0.317	0.373
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.717	0.101	0.160	0.272	0.475	0.563	0.529	0.603	0.653	0.723	0.773	0.027	0.113	0.184	0.333	0.621	0.788	0.854	0.944	0.979
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
LTE B26	QPSK	26865	831.5	1	0	Back	5mm	0.956	1.78	1.081	0.029	0.056	0.121	0.292	0.422	0.468	0.577	0.621	0.761	0.016	0.031	0.066	0.164	0.246	0.289	0.355	0.388	0.513	0.955
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.154	0.246	0.414	0.684	0.813	0.833	0.869	0.925	0.959	1.027	0.171	0.283	0.507	0.818	0.936	0.956	0.979	0.988	0.948	0.039
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.041	0.189	0.426	0.536	0.574	0.603	0.601	0.585	0.022	0.064	0.105	0.256	0.335	0.364	0.393	0.397	0.388	0.733	0.129	0.222
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.424	0.775	0.937	0.980	1.010	1.002	1.021	1.031	0.996	0.151	0.276	0.569	0.700	0.948	0.981	0.959	0.907	0.879	0.730	0.031
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.074	0.224	0.616	0.686	0.659	0.602	0.573	0.479	0.430	0.016	0.126	0.127	0.462	0.478	0.463	0.464	0.423	0.395	0.298	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.313	0.281	0.242	0.218	0.215	0.214	0.203	0.208	0.201	0.197	0.198	0.315	0.283	0.245	0.217	0.206	0.209	0.203	0.197	0.199
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.176	0.305	0.268	0.228	0.203	0.191	0.195	0.186	0.184	0.188	0.173	0.183	0.295	0.258	0.217	0.192	0.178	0.182	0.175	0.171
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.178	0.368	0.323	0.260	0.221	0.215	0.211	0.207	0.205	0.197	0.192	0.193	0.176	0.192	0.159	0.199	0.205	0.196	0.188	
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
LTE B38(HPUE)	QPSK	38150	2610	1	0	Back	5mm	0.921	1.96	0.192	0.355	0.305	0.237	0.183	0.188	0.181	0.186	0.179	0.175	0.177	0.349	0.284	0.221	0.184	0.174	0.173	0.165	0.164	0.184
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.199	0.362	0.282	0.225	0.201	0.197	0.205	0.194	0.187	0.186	0.401	0.354	0.273	0.219	0.197	0.203	0.188	0.183	0.186	0.204
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.132	0.247	0.196	0.177	0.179	0.171	0.163	0.166	0.186	0.312	0.226	0.179	0.160	0.166	0.158	0.148	0.153	0.169	0.171	0.183
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.293	0.221	0.192	0.197	0.193	0.186	0.182	0.176	0.177	0.377	0.371	0.277	0.258	0.212	0.183	0.191	0.177	0.171	0.169	0.386
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	
										0.349	0.248	0.187	0.164	0.168	0.156	0.149	0.151	0.152	0.391	0.331	0.225	0.168	0.145	0.151	0.148	0.141	0.135	0.137	

| Mode | Service/ Modulation | Channel | Frequency (MHz) | RB Size | RB Offset | Test Position | Spacing | Measured 1g SAR | Auto-Tune | Average Value of Time Sweep (W/kg) | | | | | | | | | | | | | |

Head (Antenna #1, Slave ID=6)																																
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	1	13	25	37	49	61	73	85	97	109	121	133	145	157	169	181	60					
WCDMA B5	RMC 12.2Kbps	4182	836.4	N/A	N/A	Left Cheek	0mm	0.983	2.54	0.152	1.723	1.740	0.563	0.483	2.510	2.220	1.607	0.183	2.109	0.914	0.041	0.723	0.789	2.037	1.373	2.162						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	2	14	26	38	50	62	74	86	98	110	122	134	146	158	170	182	72					
LTE B12	QPSK	23095	707.5	1	0	Left Cheek	0mm	0.987	2.96	1.439	0.349	0.410	0.563	0.361	0.268	0.313	0.263	0.104	0.033	0.008	0.006	0.019	0.016	0.234	0.091	0.259						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	3	15	27	39	51	63	75	87	99	111	123	135	147	159	171	183	84					
LTE B13	QPSK	23230	782	1	0	Left Cheek	0mm	0.841	2.15	0.415	0.342	0.478	0.608	0.371	1.140	0.857	0.355	1.467	1.187	0.661	0.504	0.262	0.601	0.966	1.153	0.299						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	4	16	28	40	52	64	76	88	100	112	124	136	148	160	172	184	96					
LTE B25	QPSK	26140	1860	1	0	Left Tilted	0mm	0.997	2.12	0.448	0.582	0.317	0.976	1.323	1.621	1.271	1.246	0.529	0.682	0.691	0.897	1.414	1.880	1.165	0.888	0.756						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	5	17	29	41	53	65	77	89	101	113	125	137	149	161	173	185	108					
LTE B26	QPSK	26865	831.5	1	0	Left Cheek	0mm	0.994	2.46	0.401	0.372	0.083	1.002	0.331	0.570	0.145	0.152	0.732	0.637	0.523	0.449	2.060	1.910	1.183	0.779	1.033						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	6	18	30	42	54	66	78	90	102	114	126	138	150	162	174	186	120					
LTE B38(HPUE	QPSK	38150	2610	50	0	Left Tilted	0mm	0.987	2.33	1.820	1.818	1.840	1.434	1.314	1.538	1.471	1.354	1.785	1.796	1.614	1.316	1.507	1.230	1.110	0.880	1.607						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	7	19	31	43	55	67	79	91	103	115	127	139	151	163	175	0	132					
LTE B41	QPSK	41490	2680	1	0	Left Tilted	0mm	0.915	2.02	1.580	1.675	1.716	1.454	1.948	1.779	1.694	1.202	1.519	1.620	1.514	1.320	1.397	1.243	1.172	1.595	1.493						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	8	20	32	44	56	68	80	92	104	116	128	140	152	164	176	12	144					
LTE B66	QPSK	132572	1770	1	0	Left Tilted	0mm	0.989	2.2	0.541	0.781	0.722	0.336	1.799	1.376	1.081	0.610	0.656	0.903	0.912	0.781	1.050	0.819	2.047	0.566	1.229						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	14	156					
FR1 n7	QPSK	507000	2535	1	1	Left Tilted	0mm	0.991	2.29	2.030	1.967	1.927	2.130	1.775	1.615	1.481	1.111	2.042	1.782	1.675	1.249	1.479	0.924	1.966	1.961	1.434						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	10	22	34	46	58	70	82	94	106	118	130	142	154	166	178	36	168					
FR1 n38	QPSK	519000	2595	1	1	Left Tilted	0mm	0.92	2.04	2.030	1.747	1.707	1.849	1.680	1.445	1.408	0.940	2.010	1.783	1.530	1.224	1.437	1.531	1.528	1.651	1.646						
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	11	23	35	47	59	71	83	95	107	119	131	143	155	167	179	48	180					
FR1 n66	QPSK	349000	1745	1	1	Left Tilted	0mm	0.956	2.16	0.820	0.927	0.709	0.469	1.086	0.861	0.583	0.317	0.904	0.945	0.774	0.928	1.305	1.584	0.631	0.483	0.611						

Body+1.2 (Antenna#1, Slow Grid)

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune
WCDMA 8S	RMC 12.2Kbps	4182	836.4	N/A	N/A	Left Cheek	0mm	0.983	2.54
LTE B12	QPSK	23095	707.5	1	0	Left Cheek	0mm	0.987	2.96
LTE B13	QPSK	23230	782	1	0	Left Cheek	0mm	0.841	2.15
LTE B25	QPSK	26140	1860	1	0	Left Tilted	0mm	0.997	2.12
LTE B26	QPSK	26865	831.5	1	0	Left Cheek	0mm	0.994	2.46
LTE B38(HPUE)	QPSK	38150	2610	50	0	Left Tilted	0mm	0.987	2.33
LTE B41	QPSK	41490	2680	1	0	Left Tilted	0mm	0.915	2.02
LTE B66	QPSK	132572	1779	1	0	Left Tilted	0mm	0.989	2.2
FR1 n7	QPSK	507000	2535	1	1	Left Tilted	0mm	0.991	2.29
FR1 n38	QPSK	519000	2595	1	1	Left Tilted	0mm	0.92	2.04
FR1 n66	QPSK	349000	1745	1	1	Left Tilted	0mm	0.956	2.16

Head (Antenna #1, Slave ID=6)																																
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	1	13	25	37	49	61	73	85	97	109	121	133	145	157	169	181	60					
WCDMA B5	RMC 12.2Kbps	4132	826.4	N/A	N/A	Back	5mm	0.867	1.74	0.078	0.699	0.672	0.221	0.182	1.106	0.861	0.563	0.135	0.834	0.741	0.033	0.156	0.178	0.836	0.634	1.162					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	2	14	26	38	50	62	74	86	98	110	122	134	146	158	170	182	72					
LTE B12	QPSK	23095	707.5	1	0	Top Side	5mm	0.531	1.45	0.741	0.152	0.204	0.311	0.086	0.139	0.171	0.142	0.059	0.018	0.006	0.004	0.013	0.011	0.128	0.047	0.269					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	3	15	27	39	51	63	75	87	99	111	123	135	147	159	171	183	84					
LTE B13	QPSK	23230	782	1	0	Top Side	5mm	0.634	1.61	0.303	0.199	0.225	0.318	0.184	0.559	0.409	0.169	1.060	0.644	0.351	0.288	0.164	0.373	0.553	0.666	0.597					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	4	16	28	40	52	64	76	88	100	112	124	136	148	160	172	184	96					
LTE B25	QPSK	26340	1880	1	0	Back	5mm	0.992	2.39	0.090	0.121	0.063	0.204	0.250	0.456	0.330	0.330	0.133	0.174	0.173	0.227	0.363	0.356	0.302	0.220	0.243					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	5	17	29	41	53	65	77	89	101	113	125	137	149	161	173	185	108					
LTE B26	QPSK	26865	831.5	1	0	Top Side	5mm	0.679	1.73	0.240	0.208	0.052	0.523	0.164	0.289	0.069	0.071	0.481	0.406	0.304	0.242	1.001	0.953	0.567	0.374	0.923					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	6	18	30	42	54	66	78	90	102	114	126	138	150	162	174	186	120					
LTE B38(HPUE	QPSK	38150	2610	50	0	Back	5mm	0.939	1.93	0.857	0.842	0.857	0.668	0.576	0.690	0.653	0.625	0.842	0.811	0.721	0.568	0.661	0.534	0.466	0.341	0.715					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	7	19	31	43	55	67	79	91	103	115	127	139	151	163	175	0	132					
LTE B41	QPSK	41490	2680	1	0	Back	5mm	0.985	2.17	0.663	0.665	0.682	0.576	0.709	0.616	0.597	0.488	0.655	0.695	0.628	0.547	0.578	0.508	0.483	0.678	0.607					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	8	20	32	44	56	68	80	92	104	116	128	140	152	164	176	12	144					
LTE B66	QPSK	132572	1770	1	0	Back	5mm	0.943	1.92	0.183	0.241	0.247	0.141	0.585	0.435	0.354	0.222	0.247	0.345	0.340	0.298	0.352	0.156	0.481	0.208	0.746					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	14	156					
FR1 n7	QPSK	507000	2535	108	54	Back	5mm	0.885	1.81	0.930	0.882	0.848	1.147	0.779	0.703	0.636	0.477	0.914	0.794	0.748	0.550	0.661	0.399	0.885	0.861	0.735					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	10	22	34	46	58	70	82	94	106	118	130	142	154	166	178	36	168					
FR1 n38	QPSK	519000	2595	50	28	Back	5mm	0.977	2.13	1.685	1.444	1.437	1.509	1.380	1.226	1.138	0.774	1.677	1.487	1.265	0.994	1.220	1.270	1.255	1.443	1.385					
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)																							
									Auto-Tune	11	23	35	47	59	71	83	95	107	119	131	143	155	167	179	48	180					
FR1 n66	QPSK	349000	1745	108	54	Back	5mm	0.906	1.85	0.253	0.296	0.229	0.155	0.353	0.285	0.191	0.104	0.277	0.307	0.250	0.359	0.482	0.516	0.195	0.169	0.169					

Body+1.2 (Antenna#1, Slow 45+5)

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured Sg SAR	Auto-Tune	Average Value of Time Sweep (W/kg)																
WCDMA 6S	RMC 12.2Kbps	4132	826.4	N/A	N/A	Back	5mm	0.867	1.74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.053	0.076	0.103	0.128	0.167	0.191	0.217	0.244	0.261	0.314	0.346	0.408	0.507	0.699	0.046	0.077	0.145	0.181	0.179	0.248
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.282	0.303	0.434	0.469	0.601	0.672	0.961	0.479	0.228	0.047	0.095	0.113	0.136	0.168	0.181	0.199	0.221	0.228	0.259	0.266
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.152	0.462	0.492	0.754	0.757	0.912	0.922	0.049	0.039	0.111	0.192	0.265	0.264	0.474	0.125	0.236	0.272	0.322	1.064	1.144	1.184
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										1.163	1.106	1.064	0.961	0.913	0.818	0.749	0.432	0.615	0.103	0.087	0.225	1.101	0.957	0.961	0.732	0.666	0.459	0.554	0.133	0.427
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.153	0.943	0.961	0.779	0.584	0.743	0.519	0.156	0.024	0.061	0.225	0.661	0.527	0.462	0.248	0.309	0.203	0.135	0.252	0.112
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.158	0.399	0.431	0.464	0.486	0.587	0.627	0.688	0.719	0.024	0.124	0.187	0.301	0.351	0.393	0.434	0.463	0.471	0.454	0.708
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.741	0.741	0.847	0.103	0.181	0.278	0.323	0.163	0.406	0.446	0.497	0.522	0.641	0.693	0.052	0.091	0.163	0.212	0.224	0.267
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.287	0.307	0.503	0.471	0.454	0.385	0.351	0.227	0.621	0.687	0.656	0.565	0.920	0.991	0.997	0.698	0.046	0.094	0.178	0.256	0.903
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.896	0.797	0.627	0.343	0.277	0.163	0.066	0.169	0.696	0.871	0.701	0.547	0.476	0.276	0.275	0.096	0.019	0.087	0.143	0.143
										180	181	182	183	184	185	186													
										0.218	0.624	0.747	0.577	0.383	0.216	0.162													
LTE B12	QPSK	23095	707.5	1	0	Top Side	5mm	0.531	1.45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.216	0.462	0.761	1.006	1.089	1.007	1.324	1.332	1.315	1.328	1.023	1.022	0.943	0.661	0.152	0.496	1.197	1.149	1.007	0.856
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.27	0.449	0.457	0.271	0.183	0.278	0.264	0.054	0.065	0.181	0.391	0.387	0.21	0.108	0.467	0.484	0.96	0.97	0.911	0.744
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.225	0.487	0.671	0.819	0.844	0.811	0.826	0.234	0.123	0.181	0.486	0.787	0.722	0.388	0.392	0.769	0.765	0.767	0.993	0.927	0.792
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.649	0.7	0.973	0.973	0.965	0.961	0.961	0.218	0.066	0.068	0.095	0.095	0.124	0.392	0.391	0.171	0.757	0.762	0.993	0.981	0.954
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.937	0.949	0.954	0.953	0.951	0.952	0.952	0.94	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.733	0.731	0.729	0.727	0.725	0.723	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722
LTE B13	QPSK	23230	782	1	0	Top Side	5mm	0.634	1.61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.178	0.245	0.303	0.356	0.398	0.434	0.468	0.495	0.513	0.601	0.619	0.688	0.711	0.814	0.141	0.199	0.305	0.348	0.383	0.415
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.443	0.465	0.544	0.577	0.621	0.648	0.754	0.225	0.071	0.106	0.165	0.191	0.214	0.231	0.249	0.265	0.279	0.292	0.302	0.318
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.347	0.381	0.397	0.481	0.021	0.046	0.073	0.119	0.164	0.157	0.175	0.184	0.228	0.029	0.053	0.084	0.095	0.111	0.419	0.524
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.589	0.648	0.654	0.559	0.022	0.049	0.094	0.164	0.373	0.497	0.621	0.684	0.706	0.601	0.663	0.609	0.239	0.008	0.021	0.079
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.219	0.481	0.604	0.776	0.597	0.199	0.322	0.169	0.002	0.097	0.031	0.345	0.786	0.543	0.293	0.221	0.099	0.429	0.693	1.060
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										1.157	1.203	1.226	1.232	1.237	1.178	1.131	1.090	1.059	0.926	0.374	0.644	0.845	0.958	0.949	0.919	0.863	0.753	0.705	0.655
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.628	0.529	0.181	0.351	0.585	0.601	0.662	0.539	0.487	0.457	0.418	0.403	0.237	0.075	0.155	0.288	0.289	0.251	0.224	0.212
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.203	0.376	0.177	0.018	0.029	0.043	0.061	0.164	0.186	0.071	0.030	0.398	0.417	0.397	0.396	0.011	0.023	0.044	0.070	0.370
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.515	0.471	0.371	0.324	0.176	0.078	0.003	0.008	0.033	0.275	0.624	0.553	0.272	0.301	0.132	0.133	0.001	0.003	0.011	0.021
										180	181	182	183	184	185	186													
										0.026	0.127	0.629	0.466	0.334	0.215	0.079													
LTE B25	QPSK	26340	1880	1	0	Back	5mm	0.982	2.39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.054	0.07	0.071	0.083	0.085	0.099	0.106	0.112	0.114	0.133	0.144	0.150	0.162	0.063	0.086	0.121	0.133	0.164	0.153	
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.153	0.165	0.191	0.193	0.205	0.216	0.233	0.280	0.063	0.087	0.123	0.136	0.151	0.160	0.170	0.172	0.185	0.193	0.193	0.252
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.234	0.23	0.23	0.253	0.258	0.081	0.122	0.177	0.212	0.217	0.249	0.259	0.281	0.309	0.283	0.273	0.256	0.243	0.254	0.252
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.216	0.216	0.253	0.265	0.416	0.431	0.412	0.399	0.381	0.372	0.379	0.389	0.359	0.349	0.341	0.356	0.349	0.361	0.361	0.351
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.335	0.326	0.323	0.318	0.312	0.312	0.308	0.331	0.380	0.408	0.414	0.361	0.348	0.351	0.246	0.242	0.243	0.260	0.091	0.122
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.133	0.166	0.152	0.162	0.153	0.135	0.183	0.192	0.194	0.201	0.214	0.165	0.128	0.174	0.186	0.202	0.211	0.225	0.256	0.273
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.283	0.301	0.097	0.127	0.173	0.214	0.231	0.245	0.261	0.269	0.284	0.291	0.319	0.389	0.118	0.166	0.227	0.262	0.266	0.288
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.278	0.336	0.372	0.443	0.518	0.497	0.454	0.376	0.362	0.343	0.324	0.317	0.303	0.166	0.274	0.512	0.461	0.388		
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.316	0.351	0.441	0.352	0.332	0.213	0.612	0.511	0.408	0.381	0.313	0.314	0.302	0.292	0.284	0.284	0.302	0.405	0.312	0.278
										180	181	182	183	184	185	186													
										0.218	0.236	0.214	0.225	0.220	0.217	0.214													
LTE B26	QPSK	26865	831.5	1	0	Top Side	5mm	0.679	1.73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.064	0.099	0.133	0.171	0.205	0.249	0.271	0.299	0.322	0.403	0.481	0.572	0.617	0.844	0.055	0.089	0.168	0.208	0.253	0.292
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.333	0.363	0.523	0.609	0.743	0.823	1.166	0.559	0.031	0.052	0.098	0.128	0.151	0.178	0.203	0.227	0.251	0.274	0.297	0.342
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.413	0.523	0.587	0.956	0.913	0.023	0.046	0.109	0.169	0.304	0.269	0.303	0.566	0.564	0.293	0.453	0.623	1.186	1.279	1.323
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										1.333	1.272	1.237	1.068	0.141	0.269	0.505	0.735	1.116	1.308	1.244	1.240	1.096	1.020	0.907	0.839	0.619	0.069	0.158	0.479
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.961	1.029	1.031	0.892	0.811	0.677	0.616	0.441	0.028	0.071	0.206	0.471	0.587	0.519	0.416	0.371	0.254	0.161	0.226	0.272
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.431	0.481	0.526	0.569	0.599	0.716	0.793	0.872	0.923	1.081	1.131	0.203	0.344	0.406	0.462	0.518	0.595	0.758	0.807	0.901
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.910	0.961	0.968	0.108	0.193	0.306	0.362	0.417	0.473	0.527	0.601	0.631	0.781	0.931	0.950	0.991	0.183	0.262	0.271	0.312
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.331	0.437	0.457	0.073	0.132	0.208	0.298	0.754	0.822	1.001	1.053	1.085	1.061	1.059	0.845	0.604	0.123	0.227	0.368	1.076
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										1.048	0.963	0.769	0.486	0.444	0.198	0.035	0.019	0.309	0.979	0.997	0.841	0.642	0.567	0.332	0.101	0.009	0.024	0.095	0.164
										180	181	182	183	184	185	186													
										0.242	0.477	0.827	0.652	0.466	0.274	0.195													
LTE B38(HPUE)	QPSK	38150	2610	50	0	Back	5mm	0.939	1.93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.171	0.846	0.905	0.918	0.905	0.865	0.845	0.827	0.843	0.797	0.811	0.781	0.759	0.772	0.775	0.899	0.893	0.877	0.845	0.843
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.809	0.817	0.761	0.771	0.741	0.741	0.741	0.570	0.408	0.400	0.457	0.624	0.801	0.769	0.768	0.759	0.747	0.732	0.722	0.706
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.722	0.688	0.663	0.689	0.891	0.893	0.771	0.654	0.698	0.693	0.584	0.568	0.579	0.382	0.576	0.748	0.748	0.748	0.748	0.748
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.722	0.695	0.679	0.689	0.463	0.463	0.463	0.700	0.689	0.673	0.654	0.662	0.618	0.631	0.681	0.581	0.591	0.504	0.631	0.689
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.625	0.606	0.617	0.556	0.574	0.646	0.621	0.534	0.614	0.576	0.562	0.455	0.608	0.421	0.392	0.384	0.384	0.384	0.384	0.864
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.864	0.811	0.623	0.689	0.689	0.863	0.766	0.769	0.769	0.779	0.707	0.693	0.824	0.811	0.764	0.733	0.767	0.767	0.767	0.722
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.715	0.722	0.767	0.819	0.767	0.728	0.701	0.699	0.669	0.682	0.662	0.643	0.653	0.825	0.813	0.706	0.603	0.552	0.552	0.552
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.524	0.516	0.513	0.306	0.462	0.566	0.629	0.670	0.664	0.652	0.641	0.647	0.631	0.645	0.646	0.385	0.512	0.566	0.566	0.574
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.147	0.512	0.514	0.526	0.533	0.365	0.427	0.544	0.576	0.529	0.491	0.508	0.477	0.456	0.466	0.472	0.516	0.569	0.525	0.495
										180	181	182	183	184	185	186													
										0.643	0.431	0.385	0.395	0.370	0.359	0.341													
LTE B41	QPSK	41490	2680	1	0	Back	5mm	0.985	2.17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.676	0.706	0.761	0.796	0.726	0.695	0.676	0.663	0.669	0.627	0.634	0.616	0.597	0.610	0.750	0.791	0.758	0.741	0.716	0.665
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.654	0.658	0.619	0.637	0.603	0.595	0.608	0.517	0.742	0.764	0.708	0.682	0.665	0.638	0.617	0.626	0.617	0.604	0.597	0.589
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.600	0.573	0.563	0.579	0.778	0.765	0.653	0.566	0.528	0.547	0.527	0.505	0.521	0.461	0.634	0.709	0.718	0.644	0.612	0.581
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										0.605	0.570	0.543	0.557	0.557	0.649	0.683	0.616	0.573	0.516	0.522	0.564	0.495	0.509	0.681	0.464	0.473	0.500	0.612	0.597
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										0.519	0.498	0.509	0.454	0.473	0.444	0.426	0.440	0.647	0.693	0.597	0.488	0.433	0.468	0.620	0.482	0.451	0.460	0.736	0.713
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										0.708	0.680	0.663	0.663	0.656	0.619	0.628	0.607	0.598	0.603	0.735	0.783	0.741	0.723	0.705	0.695	0.681	0.656	0.658	0.631
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										0.618	0.630	0.754	0.780	0.723	0.656	0.653	0.628	0.607	0.626	0.602	0.586	0.607	0.705	0.766	0.673	0.589	0.554	0.563	0.547
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.527	0.541	0.524	0.430	0.629	0.715	0.729	0.691	0.645	0.596	0.578	0.552	0.571	0.563	0.484	0.618	0.679	0.673	0.595	
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
										0.536	0.559	0.529	0.508	0.519	0.399	0.527	0.668	0.656	0.561	0.581	0.515	0.486	0.466	0.478	0.483	0.605	0.660	0.593	0.546
										180	181	182	183	184	185	186													
										0.511	0.460	0.417	0.438	0.483	0.388	0.399													
LTE B66	QPSK	132572	1770	1	0	Back	5mm	0.943	1.92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										0.117	0.131	0.145	0.152	0.167	0.176	0.178	0.183	0.189	0.194	0.204	0.208	0.215	0.153	0.176	0.207	0.195	0.217	0.228	0.234
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										0.241	0.261	0.299	0.305	0.313	0.323	0.308	0.299	0.192	0.197	0.225	0.239	0.257	0.266	0.269	0.273	0.277	0.282	0.288	0.288
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.294	0.305	0.312	0.316	0.321	0.326