10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %

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

10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %

10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %

10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

LAT Full Power Mode

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	32.68	32.83	32.66	33.50	23.68	23.83	23.66	24.50
GPRS 1 Tx slot	32.67	32.81	32.65	33.50	23.67	23.81	23.65	24.50
GPRS 2 Tx slots	31.29	31.71	31.35	32.50	25.29	25.71	25.35	26.50
GPRS 3 Tx slots	30.04	30.25	29.93	31.00	25.78	25.99	25.67	26.74
GPRS 4 Tx slots	28.19	28.66	28.36	29.50	25.19	25.66	25.36	26.50
EDGE 1 Tx slot	26.65	26.71	26.26	27.50	17.65	17.71	17.26	18.50
EDGE 2 Tx slots	25.57	25.65	25.19	26.50	19.57	19.65	19.19	20.50
EDGE 3 Tx slots	24.16	24.15	23.78	25.00	19.90	19.89	19.52	20.74
EDGE 4 Tx slots	22.55	22.52	22.20	23.50	19.55	19.52	19.20	20.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.68	29.63	30.11	30.50	20.68	20.63	21.11	21.50
GPRS 1 Tx slot	29.66	29.61	30.10	30.50	20.66	20.61	21.10	21.50
GPRS 2 Tx slots	28.27	28.06	28.55	29.50	22.27	22.06	22.55	23.50
GPRS 3 Tx slots	27.03	27.15	27.14	28.00	22.77	22.89	22.88	23.74
GPRS 4 Tx slots	25.30	25.37	25.51	26.50	22.30	22.37	22.51	23.50
EDGE 1 Tx slot	25.48	25.72	25.64	26.50	16.48	16.72	16.64	17.50
EDGE 2 Tx slots	24.37	24.68	24.61	25.50	18.37	18.68	18.61	19.50
EDGE 3 Tx slots	22.73	23.15	22.97	24.00	18.47	18.89	18.71	19.74
EDGE 4 Tx slots	21.07	21.54	21.32	22.50	18.07	18.54	18.32	19.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.41	23.58	23.60	24.00	23.16	23.51	23.50	24.00	23.30	23.48	23.14	24.00
3GPP Rel 99	RMC 12.2Kbps	23.43	23.62	23.61	24.00	23.20	23.53	23.52	24.00	23.32	23.52	23.16	24.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.71	22.73	23.00	22.46	22.35	22.77	23.00	22.37	22.23	22.17	23.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.74	22.75	23.00	22.47	22.33	22.76	23.00	22.34	22.26	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	22.03	22.24	22.29	22.50	21.97	21.86	22.25	22.50	21.85	21.76	21.66	22.50
3GPP Rel 6	HSDPA Subtest-4	22.09	22.26	22.24	22.50	22.00	21.84	22.27	22.50	21.79	21.78	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.67	22.71	23.00	22.42	22.33	22.74	23.00	22.35	22.20	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.52	22.70	22.73	23.00	22.43	22.31	22.73	23.00	22.32	22.23	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.00	22.20	22.27	22.50	21.93	21.84	22.22	22.50	21.83	21.73	21.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.06	22.22	22.22	22.50	21.96	21.82	22.24	22.50	21.77	21.75	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.48	22.69	22.62	23.00	22.37	22.25	22.70	23.00	22.50	22.56	22.59	23.00
3GPP Rel 6	HSUPA Subtest-2	20.44	20.66	20.66	21.00	20.40	20.26	20.70	21.00	20.50	20.52	20.56	21.00
3GPP Rel 6	HSUPA Subtest-3	21.47	21.64	21.65	22.00	21.39	21.26	21.71	22.00	21.55	21.59	21.62	22.00
3GPP Rel 6	HSUPA Subtest-4	20.46	20.66	20.67	21.00	20.39	20.27	20.67	21.00	20.56	20.51	20.61	21.00
3GPP Rel 6	HSUPA Subtest-5	22.50	22.70	22.60	23.00	22.40	22.30	22.70	23.00	22.50	22.42	22.53	23.00

Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.16	24.14	24.07	25.00	24.45	24.67	24.65	25.00	24.26	24.24	24.27	25.00
RC3 SO55	24.19	24.18	24.08	25.00	24.46	24.78	24.78	25.00	24.27	24.31	24.33	25.00
RC3 SO32 (F+SCH)	24.19	24.18	24.09	25.00	24.49	24.78	24.78	25.00	24.29	24.31	24.33	25.00
RC3 SO32 (+SCH)	24.15	24.17	24.05	25.00	24.48	24.62	24.73	25.00	24.26	24.25	24.21	25.00
RTAP 153.6Kbps	24.15	24.17	24.08	25.00	24.47	24.65	24.76	25.00	24.28	24.29	24.23	25.00
RETAP 4096Bits	24.14	24.15	24.06	25.00	24.45	24.64	24.75	25.00	24.26	24.28	24.21	25.00

Band 2 (1900MHz Band)
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	22.90	22.77	24	0
20	QPSK	1	49	22.51	22.68	22.74		
20	QPSK	1	99	22.55	22.60	22.69		
20	QPSK	50	0	21.35	21.75	21.53	23	1
20	QPSK	50	24	21.50	21.56	21.70		
20	QPSK	50	50	21.45	21.58	21.64		
20	QPSK	100	0	21.42	21.59	21.58		
20	16QAM	1	0	21.83	21.83	21.96	23	1
20	16QAM	1	49	21.74	21.82	21.80		
20	16QAM	1	99	21.73	21.78	21.83		
20	16QAM	50	0	20.36	20.49	20.51	22	2
20	16QAM	50	24	20.49	20.59	20.71		
20	16QAM	50	50	20.48	20.61	20.65		
20	16QAM	100	0	20.44	20.49	20.54		
20	64QAM	1	0	20.65	20.68	20.68	22	2
20	64QAM	1	49	20.73	20.53	20.53		
20	64QAM	1	99	20.78	20.54	20.54		
20	64QAM	50	0	19.41	19.60	19.45	21	3
20	64QAM	50	24	19.40	19.41	19.43		
20	64QAM	50	50	19.35	19.39	19.40		
20	64QAM	100	0	19.37	19.36	19.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.47	22.75	22.77	24	0
15	QPSK	1	37	22.50	22.67	22.74		
15	QPSK	1	74	22.53	22.66	22.80		
15	QPSK	36	0	21.14	21.33	21.37	23	1
15	QPSK	36	20	21.28	21.39	21.44		
15	QPSK	36	39	21.28	21.42	21.50		
15	QPSK	75	0	21.23	21.35	21.42		
15	16QAM	1	0	21.39	21.75	21.77	23	1
15	16QAM	1	37	21.54	21.77	21.69		
15	16QAM	1	74	21.52	21.73	21.62		
15	16QAM	36	0	20.34	20.51	20.56	22	2
15	16QAM	36	20	20.48	20.59	20.68		
15	16QAM	36	39	20.46	20.64	20.69		
15	16QAM	75	0	20.43	20.53	20.65		
15	64QAM	1	0	20.61	20.95	20.85	22	2
15	64QAM	1	37	20.79	21.00	20.79		
15	64QAM	1	74	20.78	20.99	20.82		
15	64QAM	36	0	19.26	19.43	19.46	21	3
15	64QAM	36	20	19.40	19.47	19.54		
15	64QAM	36	39	19.33	19.56	19.58		
15	64QAM	75	0	19.34	19.41	19.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.41	22.46	22.62	24	0
10	QPSK	1	25	22.56	22.83	22.71		
10	QPSK	1	49	22.34	22.51	22.69		
10	QPSK	25	0	21.22	21.34	21.40	23	1
10	QPSK	25	12	21.30	21.45	21.51		
10	QPSK	25	25	21.17	21.38	21.45		
10	QPSK	50	0	21.22	21.34	21.42		
10	16QAM	1	0	21.35	21.46	21.84	23	1
10	16QAM	1	25	21.59	21.77	21.80		
10	16QAM	1	49	21.41	21.51	21.84		
10	16QAM	25	0	20.44	20.54	20.60	22	2
10	16QAM	25	12	20.50	20.65	20.68		
10	16QAM	25	25	20.40	20.58	20.65		
10	16QAM	50	0	20.40	20.58	20.55		
10	64QAM	1	0	20.79	20.78	21.20	22	2
10	64QAM	1	25	20.91	21.25	21.12		
10	64QAM	1	49	20.73	20.96	21.22		
10	64QAM	25	0	19.34	19.47	19.55	21	3
10	64QAM	25	12	19.42	19.58	19.63		
10	64QAM	25	25	19.29	19.52	19.56		
10	64QAM	50	0	19.30	19.43	19.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.61	22.68	22.79	24	0
5	QPSK	1	12	22.59	22.85	22.89		
5	QPSK	1	24	22.50	22.71	22.76		
5	QPSK	12	0	21.34	21.49	21.58	23	1
5	QPSK	12	7	21.35	21.58	21.59		
5	QPSK	12	13	21.25	21.46	21.47		
5	QPSK	25	0	21.25	21.40	21.50		
5	16QAM	1	0	21.60	21.61	21.81	23	1
5	16QAM	1	12	21.54	21.70	21.81		
5	16QAM	1	24	21.43	21.64	21.72		
5	16QAM	12	0	20.53	20.66	20.80	22	2
5	16QAM	12	7	20.57	20.64	20.77		
5	16QAM	12	13	20.49	20.68	20.71		
5	16QAM	25	0	20.49	20.67	20.77		
5	64QAM	1	0	20.78	20.93	21.05	22	2
5	64QAM	1	12	20.78	21.05	21.09		
5	64QAM	1	24	20.60	20.87	20.96		
5	64QAM	12	0	19.42	19.59	19.65	21	3
5	64QAM	12	7	19.42	19.54	19.65		
5	64QAM	12	13	19.33	19.54	19.56		
5	64QAM	25	0	19.38	19.51	19.69		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.61	22.69	22.87	24	0
3	QPSK	1	8	22.63	22.84	22.81		
3	QPSK	1	14	22.48	22.71	22.76		
3	QPSK	8	0	21.28	21.47	21.55	23	1
3	QPSK	8	4	21.29	21.46	21.55		
3	QPSK	8	7	21.27	21.42	21.51		
3	QPSK	15	0	21.24	21.40	21.51		
3	16QAM	1	0	21.58	21.69	21.87	23	1
3	16QAM	1	8	21.55	21.79	21.87		
3	16QAM	1	14	21.49	21.69	21.73		
3	16QAM	8	0	20.55	20.70	20.82	22	2
3	16QAM	8	4	20.56	20.67	20.81		
3	16QAM	8	7	20.48	20.68	20.74		
3	16QAM	15	0	20.52	20.60	20.78		
3	64QAM	1	0	20.84	20.95	21.11	22	2
3	64QAM	1	8	20.84	20.95	21.12		
3	64QAM	1	14	20.73	20.96	21.06		
3	64QAM	8	0	19.42	19.53	19.70	21	3
3	64QAM	8	4	19.42	19.56	19.70		
3	64QAM	8	7	19.33	19.56	19.60		
3	64QAM	15	0	19.36	19.51	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.47	22.63	22.75	24	0
1.4	QPSK	1	3	22.53	22.75	22.78		
1.4	QPSK	1	5	22.43	22.63	22.69		
1.4	QPSK	3	0	22.42	22.56	22.70		
1.4	QPSK	3	1	22.46	22.68	22.70		
1.4	QPSK	3	3	22.42	22.58	22.67		
1.4	QPSK	6	0	21.20	21.30	21.41	23	1
1.4	16QAM	1	0	21.50	21.59	21.73	23	1
1.4	16QAM	1	3	21.52	21.70	21.76		
1.4	16QAM	1	5	21.41	21.65	21.65		
1.4	16QAM	3	0	21.44	21.56	21.64		
1.4	16QAM	3	1	21.48	21.71	21.73		
1.4	16QAM	3	3	21.39	21.62	21.65		
1.4	16QAM	6	0	20.51	20.65	20.76	22	2
1.4	64QAM	1	0	20.52	20.72	20.68	22	2
1.4	64QAM	1	3	20.47	20.68	20.79		
1.4	64QAM	1	5	20.41	20.66	20.73		
1.4	64QAM	3	0	20.36	20.49	20.62		
1.4	64QAM	3	1	20.40	20.58	20.65		
1.4	64QAM	3	3	20.33	20.48	20.59		
1.4	64QAM	6	0	19.27	19.40	19.58	21	3

Band 4 (AWS Band)
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	22.52	22.70	22.61	24	0
20	QPSK	1	49	22.44	22.33	22.52		
20	QPSK	1	99	22.51	22.69	22.30		
20	QPSK	50	0	21.32	21.41	21.29	23	1
20	QPSK	50	24	21.31	21.18	21.28		
20	QPSK	50	50	21.09	21.13	21.29		
20	QPSK	100	0	21.23	21.32	21.26		
20	16QAM	1	0	21.42	21.20	21.19	23	1
20	16QAM	1	49	21.52	21.36	21.57		
20	16QAM	1	99	21.15	21.22	21.36		
20	16QAM	50	0	20.50	20.35	20.38	22	2
20	16QAM	50	24	20.54	20.40	20.54		
20	16QAM	50	50	20.29	20.38	20.51		
20	16QAM	100	0	20.43	20.37	20.40		
20	64QAM	1	0	20.68	20.46	20.38	22	2
20	64QAM	1	49	20.87	20.65	20.84		
20	64QAM	1	99	20.43	20.52	20.81		
20	64QAM	50	0	19.38	19.23	19.27	21	3
20	64QAM	50	24	19.42	19.31	19.38		
20	64QAM	50	50	19.19	19.25	19.39		
20	64QAM	100	0	19.35	19.30	19.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.44	22.34	22.39	24	0
15	QPSK	1	37	22.49	22.34	22.56		
15	QPSK	1	74	22.29	22.28	22.43		
15	QPSK	36	0	21.30	21.18	21.28	23	1
15	QPSK	36	20	21.34	21.22	21.36		
15	QPSK	36	39	21.17	21.12	21.39		
15	QPSK	75	0	21.23	21.17	21.30		
15	16QAM	1	0	21.46	21.27	21.40	23	1
15	16QAM	1	37	21.52	21.37	21.67		
15	16QAM	1	74	21.33	21.30	21.56		
15	16QAM	36	0	20.56	20.37	20.53	22	2
15	16QAM	36	20	20.60	20.40	20.57		
15	16QAM	36	39	20.42	20.33	20.60		
15	16QAM	75	0	20.44	20.35	20.53		
15	64QAM	1	0	20.67	20.42	20.57	22	2
15	64QAM	1	37	20.76	20.55	20.87		
15	64QAM	1	74	20.50	20.51	20.80		
15	64QAM	36	0	19.44	19.28	19.38	21	3
15	64QAM	36	20	19.45	19.29	19.45		
15	64QAM	36	39	19.30	19.29	19.49		
15	64QAM	75	0	19.33	19.24	19.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.31	22.11	22.29	24	0
10	QPSK	1	25	22.58	22.37	22.39		
10	QPSK	1	49	22.17	22.10	22.35		
10	QPSK	25	0	21.34	21.11	21.32	23	1
10	QPSK	25	12	21.30	21.22	21.41		
10	QPSK	25	25	21.18	21.09	21.32		
10	QPSK	50	0	21.23	21.12	21.31		
10	16QAM	1	0	21.43	21.21	21.38	23	1
10	16QAM	1	25	21.65	21.45	21.56		
10	16QAM	1	49	21.23	21.21	21.42		
10	16QAM	25	0	20.59	20.33	20.54	22	2
10	16QAM	25	12	20.58	20.42	20.62		
10	16QAM	25	25	20.50	20.46	20.53		
10	16QAM	50	0	20.42	20.43	20.48		
10	64QAM	1	0	20.64	20.53	20.58	22	2
10	64QAM	1	25	20.94	20.74	20.92		
10	64QAM	1	49	20.55	20.49	20.79		
10	64QAM	25	0	19.44	19.23	19.46	21	3
10	64QAM	25	12	19.48	19.35	19.54		
10	64QAM	25	25	19.26	19.18	19.44		
10	64QAM	50	0	19.30	19.22	19.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.61	22.41	22.66	24	0
5	QPSK	1	12	22.64	22.42	22.69		
5	QPSK	1	24	22.52	22.34	22.57		
5	QPSK	12	0	21.45	21.21	21.51	23	1
5	QPSK	12	7	21.44	21.23	21.49		
5	QPSK	12	13	21.37	21.18	21.38		
5	QPSK	25	0	21.37	21.20	21.45		
5	16QAM	1	0	21.61	21.45	21.67	23	1
5	16QAM	1	12	21.55	21.39	21.64		
5	16QAM	1	24	21.50	21.29	21.54		
5	16QAM	12	0	20.64	20.43	20.70	22	2
5	16QAM	12	7	20.64	20.43	20.70		
5	16QAM	12	13	20.57	20.39	20.63		
5	16QAM	25	0	20.61	20.41	20.65		
5	64QAM	1	0	20.72	20.52	20.80	22	2
5	64QAM	1	12	20.78	20.69	20.81		
5	64QAM	1	24	20.63	20.46	20.76		
5	64QAM	12	0	19.56	19.31	19.60	21	3
5	64QAM	12	7	19.54	19.31	19.59		
5	64QAM	12	13	19.42	19.27	19.51		
5	64QAM	25	0	19.50	19.31	19.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.39	22.68	24	0
3	QPSK	1	8	22.61	22.45	22.65		
3	QPSK	1	14	22.56	22.32	22.61		
3	QPSK	8	0	21.38	21.17	21.46	23	1
3	QPSK	8	4	21.42	21.16	21.46		
3	QPSK	8	7	21.35	21.16	21.43		
3	QPSK	15	0	21.38	21.19	21.41		
3	16QAM	1	0	21.61	21.40	21.69	23	1
3	16QAM	1	8	21.65	21.49	21.71		
3	16QAM	1	14	21.54	21.38	21.61		
3	16QAM	8	0	20.62	20.48	20.69	22	2
3	16QAM	8	4	20.64	20.44	20.72		
3	16QAM	8	7	20.59	20.39	20.66		
3	16QAM	15	0	20.60	20.38	20.66		
3	64QAM	1	0	20.79	20.54	20.80	22	2
3	64QAM	1	8	20.75	20.55	20.88		
3	64QAM	1	14	20.71	20.54	20.71		
3	64QAM	8	0	19.53	19.28	19.56	21	3
3	64QAM	8	4	19.51	19.31	19.56		
3	64QAM	8	7	19.51	19.26	19.53		
3	64QAM	15	0	19.52	19.25	19.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.45	22.29	22.58	24	0
1.4	QPSK	1	3	22.55	22.35	22.62		
1.4	QPSK	1	5	22.47	22.29	22.54		
1.4	QPSK	3	0	22.49	22.35	22.60		
1.4	QPSK	3	1	22.55	22.35	22.63		
1.4	QPSK	3	3	22.52	22.31	22.57		
1.4	QPSK	6	0	21.29	21.07	21.34	23	1
1.4	16QAM	1	0	21.59	21.36	21.62	23	1
1.4	16QAM	1	3	21.57	21.40	21.62		
1.4	16QAM	1	5	21.50	21.33	21.54		
1.4	16QAM	3	0	21.50	21.36	21.60		
1.4	16QAM	3	1	21.58	21.38	21.63		
1.4	16QAM	3	3	21.48	21.27	21.53		
1.4	16QAM	6	0	20.59	20.37	20.64	22	2
1.4	64QAM	1	0	20.41	20.37	20.69	22	2
1.4	64QAM	1	3	20.49	20.31	20.57		
1.4	64QAM	1	5	20.53	20.43	20.57		
1.4	64QAM	3	0	20.44	20.28	20.53		
1.4	64QAM	3	1	20.47	20.27	20.54		
1.4	64QAM	3	3	20.41	20.26	20.52		
1.4	64QAM	6	0	19.40	19.21	19.44	21	3

Band 5 (Cellular Band)
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	22.97	23.10	23.05	24	0
10	QPSK	1	25	22.89	22.83	22.76		
10	QPSK	1	49	22.91	22.88	22.71		
10	QPSK	25	0	22.13	22.21	21.97	23	1
10	QPSK	25	12	22.20	22.02	22.08		
10	QPSK	25	25	22.16	22.08	21.97		
10	QPSK	50	0	22.12	22.13	21.97		
10	16QAM	1	0	22.50	22.38	22.34	23	1
10	16QAM	1	25	22.42	22.35	22.32		
10	16QAM	1	49	22.38	22.31	22.23		
10	16QAM	25	0	21.15	21.05	21.04	22	2
10	16QAM	25	12	21.18	21.02	21.10		
10	16QAM	25	25	21.15	21.11	20.99		
10	16QAM	50	0	21.13	21.01	20.94		
10	64QAM	1	0	21.51	21.53	21.37	22	2
10	64QAM	1	25	21.48	21.38	21.31		
10	64QAM	1	49	21.47	21.39	21.23		
10	64QAM	25	0	20.08	19.97	19.89	21	3
10	64QAM	25	12	20.12	19.95	19.95		
10	64QAM	25	25	20.06	20.00	19.86		
10	64QAM	50	0	20.05	19.88	19.85		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.02	22.81	22.73	24	0
5	QPSK	1	12	23.03	22.93	22.85		
5	QPSK	1	24	22.98	22.89	22.71		
5	QPSK	12	0	22.18	22.10	21.96	23	1
5	QPSK	12	7	22.26	22.17	21.97		
5	QPSK	12	13	22.20	22.08	21.96		
5	QPSK	25	0	22.21	22.03	21.94		
5	16QAM	1	0	22.41	22.28	22.12	23	1
5	16QAM	1	12	22.40	22.36	22.21		
5	16QAM	1	24	22.39	22.30	22.10		
5	16QAM	12	0	21.22	21.09	20.94	22	2
5	16QAM	12	7	21.25	21.19	21.00		
5	16QAM	12	13	21.21	21.13	21.01		
5	16QAM	25	0	21.23	21.09	20.97		
5	64QAM	1	0	21.44	21.26	21.13	22	2
5	64QAM	1	12	21.34	21.32	21.23		
5	64QAM	1	24	21.29	21.29	21.13		
5	64QAM	12	0	20.12	19.95	19.86	21	3
5	64QAM	12	7	20.17	20.05	19.89		
5	64QAM	12	13	20.12	20.00	19.85		
5	64QAM	25	0	20.12	19.95	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.06	22.85	22.81	24	0
3	QPSK	1	8	23.09	22.98	22.85		
3	QPSK	1	14	23.03	22.93	22.74		
3	QPSK	8	0	22.22	22.03	22.01	23	1
3	QPSK	8	4	22.25	22.18	22.01		
3	QPSK	8	7	22.22	22.11	21.94		
3	QPSK	15	0	22.23	22.13	21.95		
3	16QAM	1	0	22.48	22.32	22.25	23	1
3	16QAM	1	8	22.57	22.45	22.29		
3	16QAM	1	14	22.41	22.36	22.20		
3	16QAM	8	0	21.29	21.13	21.08	22	2
3	16QAM	8	4	21.33	21.23	21.09		
3	16QAM	8	7	21.29	21.17	21.06		
3	16QAM	15	0	21.25	21.14	21.03		
3	64QAM	1	0	21.44	21.18	21.22	22	2
3	64QAM	1	8	21.54	21.44	21.29		
3	64QAM	1	14	21.37	21.28	21.18		
3	64QAM	8	0	20.12	19.97	19.88	21	3
3	64QAM	8	4	20.19	20.08	19.93		
3	64QAM	8	7	20.14	20.04	19.89		
3	64QAM	15	0	20.16	20.04	19.87		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	22.85	22.69	24	0
1.4	QPSK	1	3	23.05	22.95	22.79		
1.4	QPSK	1	5	23.00	22.89	22.67		
1.4	QPSK	3	0	22.56	22.68	22.65		
1.4	QPSK	3	1	22.51	22.61	22.66		
1.4	QPSK	3	3	22.60	22.62	22.64		
1.4	QPSK	6	0	22.16	22.07	21.91	23	1
1.4	16QAM	1	0	22.42	22.32	22.16	23	1
1.4	16QAM	1	3	22.50	22.41	22.24		
1.4	16QAM	1	5	22.45	22.32	22.15		
1.4	16QAM	3	0	22.21	22.07	21.97		
1.4	16QAM	3	1	22.27	22.16	21.93		
1.4	16QAM	3	3	22.16	22.12	21.88		
1.4	16QAM	6	0	21.27	21.17	20.99	22	2
1.4	64QAM	1	0	21.18	21.06	20.98	22	2
1.4	64QAM	1	3	21.24	21.05	20.89		
1.4	64QAM	1	5	21.14	21.01	20.88		
1.4	64QAM	3	0	21.14	21.01	20.85		
1.4	64QAM	3	1	21.16	21.08	20.90		
1.4	64QAM	3	3	21.12	21.03	20.83		
1.4	64QAM	6	0	20.11	19.99	19.81	21	3

Band 7 (2600MHz Band)
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	22.71	22.91	22.68	24	0
20	QPSK	1	49	22.74	22.86	22.66		
20	QPSK	1	99	22.83	22.87	22.65		
20	QPSK	50	0	21.47	21.65	21.50	23	1
20	QPSK	50	24	21.61	21.64	21.48		
20	QPSK	50	50	21.62	21.63	21.41		
20	QPSK	100	0	21.55	21.68	21.42		
20	16QAM	1	0	21.74	21.78	21.70	23	1
20	16QAM	1	49	21.81	21.86	21.64		
20	16QAM	1	99	21.88	21.86	21.65		
20	16QAM	50	0	20.52	20.63	20.48	22	2
20	16QAM	50	24	20.63	20.66	20.51		
20	16QAM	50	50	20.63	20.66	20.43		
20	16QAM	100	0	20.55	20.55	20.42		
20	64QAM	1	0	20.73	20.77	20.75	22	2
20	64QAM	1	49	20.87	20.88	20.65		
20	64QAM	1	99	20.77	20.92	20.61		
20	64QAM	50	0	19.39	19.51	19.37	21	3
20	64QAM	50	24	19.52	19.56	19.41		
20	64QAM	50	50	19.51	19.54	19.34		
20	64QAM	100	0	19.45	19.44	19.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.79	22.83	22.70	24	0
15	QPSK	1	37	22.84	22.82	22.68		
15	QPSK	1	74	22.90	22.89	22.71		
15	QPSK	36	0	21.54	21.62	21.46	23	1
15	QPSK	36	20	21.66	21.68	21.54		
15	QPSK	36	39	21.66	21.68	21.45		
15	QPSK	75	0	21.62	21.63	21.45		
15	16QAM	1	0	21.90	21.90	21.76	23	1
15	16QAM	1	37	21.81	22.00	21.74		
15	16QAM	1	74	21.94	22.00	21.72		
15	16QAM	36	0	20.55	20.66	20.51	22	2
15	16QAM	36	20	20.67	20.69	20.53		
15	16QAM	36	39	20.68	20.69	20.43		
15	16QAM	75	0	20.60	20.66	20.47		
15	64QAM	1	0	20.81	20.81	20.67	22	2
15	64QAM	1	37	20.84	20.89	20.69		
15	64QAM	1	74	20.85	20.97	20.73		
15	64QAM	36	0	19.48	19.54	19.42	21	3
15	64QAM	36	20	19.56	19.60	19.44		
15	64QAM	36	39	19.58	19.57	19.31		
15	64QAM	75	0	19.52	19.50	19.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.85	22.75	22.74	24	0
10	QPSK	1	25	22.83	22.82	22.64		
10	QPSK	1	49	22.86	22.82	22.72		
10	QPSK	25	0	21.61	21.66	21.46	23	1
10	QPSK	25	12	21.65	21.69	21.49		
10	QPSK	25	25	21.65	21.68	21.48		
10	QPSK	50	0	21.60	21.63	21.44		
10	16QAM	1	0	21.82	21.95	21.70	23	1
10	16QAM	1	25	21.81	21.95	21.70		
10	16QAM	1	49	21.88	22.02	21.74		
10	16QAM	25	0	20.66	20.68	20.47	22	2
10	16QAM	25	12	20.65	20.70	20.52		
10	16QAM	25	25	20.67	20.68	20.46		
10	16QAM	50	0	20.57	20.65	20.41		
10	64QAM	1	0	20.96	21.09	20.81	22	2
10	64QAM	1	25	20.93	21.08	20.76		
10	64QAM	1	49	21.01	21.18	20.86		
10	64QAM	25	0	19.56	19.57	19.37	21	3
10	64QAM	25	12	19.56	19.60	19.40		
10	64QAM	25	25	19.55	19.59	19.37		
10	64QAM	50	0	19.48	19.54	19.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.84	22.70	24	0
5	QPSK	1	12	22.89	22.81	22.67		
5	QPSK	1	24	22.90	22.82	22.73		
5	QPSK	12	0	21.62	21.64	21.46	23	1
5	QPSK	12	7	21.68	21.69	21.53		
5	QPSK	12	13	21.60	21.65	21.43		
5	QPSK	25	0	21.63	21.70	21.42		
5	16QAM	1	0	21.87	21.88	21.65	23	1
5	16QAM	1	12	21.82	21.98	21.68		
5	16QAM	1	24	21.87	21.94	21.74		
5	16QAM	12	0	20.66	20.66	20.48	22	2
5	16QAM	12	7	20.65	20.74	20.54		
5	16QAM	12	13	20.67	20.70	20.49		
5	16QAM	25	0	20.63	20.67	20.50		
5	64QAM	1	0	20.85	20.88	20.68	22	2
5	64QAM	1	12	20.84	20.98	20.66		
5	64QAM	1	24	20.83	20.88	20.71		
5	64QAM	12	0	19.53	19.58	19.31	21	3
5	64QAM	12	7	19.59	19.59	19.37		
5	64QAM	12	13	19.51	19.61	19.37		
5	64QAM	25	0	19.54	19.58	19.37		

Band 12 (700MHz Low Band)
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	23.15	23.28	23.14	24	0
10	QPSK	1	25	23.10	23.20	23.17		
10	QPSK	1	49	23.27	23.27	23.14		
10	QPSK	25	0	22.03	22.30	22.07	23	1
10	QPSK	25	12	22.24	22.19	22.29		
10	QPSK	25	25	22.20	22.22	22.20		
10	QPSK	50	0	22.19	22.21	22.18		
10	16QAM	1	0	22.41	22.47	22.55	23	1
10	16QAM	1	25	22.43	22.51	22.47		
10	16QAM	1	49	22.57	22.54	22.47		
10	16QAM	25	0	21.05	21.08	21.05	22	2
10	16QAM	25	12	21.23	21.19	21.29		
10	16QAM	25	25	21.22	21.17	21.13		
10	16QAM	50	0	21.16	21.13	21.19		
10	64QAM	1	0	21.54	21.44	21.47	22	2
10	64QAM	1	25	21.46	21.56	21.52		
10	64QAM	1	49	21.65	21.54	21.55		
10	64QAM	25	0	20.22	20.14	20.18	21	3
10	64QAM	25	12	20.36	20.28	20.38		
10	64QAM	25	25	20.30	20.28	20.27		
10	64QAM	50	0	20.24	20.16	20.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.08	23.16	23.18	24	0
5	QPSK	1	12	23.16	23.26	23.23		
5	QPSK	1	24	23.16	23.25	23.21		
5	QPSK	12	0	22.21	22.20	22.13	23	1
5	QPSK	12	7	22.25	22.20	22.23		
5	QPSK	12	13	22.21	22.26	22.18		
5	QPSK	25	0	22.16	22.18	22.13		
5	16QAM	1	0	22.33	22.42	22.47	23	1
5	16QAM	1	12	22.39	22.49	22.48		
5	16QAM	1	24	22.43	22.45	22.48		
5	16QAM	12	0	21.24	21.20	21.19	22	2
5	16QAM	12	7	21.26	21.20	21.28		
5	16QAM	12	13	21.23	21.25	21.21		
5	16QAM	25	0	21.24	21.21	21.14		
5	64QAM	1	0	21.35	21.32	21.38	22	2
5	64QAM	1	12	21.34	21.41	21.43		
5	64QAM	1	24	21.35	21.36	21.40		
5	64QAM	12	0	20.31	20.27	20.25	21	3
5	64QAM	12	7	20.34	20.31	20.31		
5	64QAM	12	13	20.30	20.33	20.30		
5	64QAM	25	0	20.31	20.28	20.28		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.22	23.19	23.16	24	0
3	QPSK	1	8	23.22	23.26	23.25		
3	QPSK	1	14	23.20	23.24	23.14		
3	QPSK	8	0	22.18	22.14	22.11	23	1
3	QPSK	8	4	22.17	22.17	22.17		
3	QPSK	8	7	22.17	22.21	22.19		
3	QPSK	15	0	22.18	22.17	22.13		
3	16QAM	1	0	22.42	22.38	22.42	23	1
3	16QAM	1	8	22.43	22.50	22.49		
3	16QAM	1	14	22.39	22.48	22.40		
3	16QAM	8	0	21.24	21.21	21.19	22	2
3	16QAM	8	4	21.25	21.23	21.27		
3	16QAM	8	7	21.22	21.25	21.24		
3	16QAM	15	0	21.20	21.19	21.18		
3	64QAM	1	0	21.35	21.30	21.34	22	2
3	64QAM	1	8	21.38	21.44	21.40		
3	64QAM	1	14	21.33	21.36	21.32		
3	64QAM	8	0	20.30	20.25	20.25	21	3
3	64QAM	8	4	20.29	20.30	20.29		
3	64QAM	8	7	20.29	20.34	20.24		
3	64QAM	15	0	20.27	20.29	20.27		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.11	23.07	23.06	24	0
1.4	QPSK	1	3	23.12	23.22	23.09		
1.4	QPSK	1	5	23.10	23.14	23.07		
1.4	QPSK	3	0	23.14	23.11	23.07		
1.4	QPSK	3	1	23.16	23.10	23.10		
1.4	QPSK	3	3	23.12	23.15	23.10		
1.4	QPSK	6	0	22.10	22.05	22.05	23	1
1.4	16QAM	1	0	22.27	22.26	22.26	23	1
1.4	16QAM	1	3	22.27	22.40	22.32		
1.4	16QAM	1	5	22.21	22.35	22.25		
1.4	16QAM	3	0	22.08	22.06	22.06		
1.4	16QAM	3	1	22.19	22.12	22.12		
1.4	16QAM	3	3	22.09	22.12	22.04		
1.4	16QAM	6	0	20.27	20.22	20.20	22	2
1.4	64QAM	1	0	21.23	21.22	21.27	22	2
1.4	64QAM	1	3	21.25	21.35	21.31		
1.4	64QAM	1	5	21.27	21.34	21.25		
1.4	64QAM	3	0	21.18	21.18	21.16		
1.4	64QAM	3	1	21.23	21.20	21.22		
1.4	64QAM	3	3	21.19	21.25	21.16		
1.4	64QAM	6	0	20.09	20.15	20.06	21	3

Band 13(700MHz Band)
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		22.95		24	0
10	QPSK	1	25		22.76			
10	QPSK	1	49		22.83			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.59			
10	16QAM	1	0		21.54		23	1
10	16QAM	1	25		21.96			
10	16QAM	1	49		22.02			
10	16QAM	25	0		20.89		22	2
10	16QAM	25	12		21.05			
10	16QAM	25	25		21.17			
10	16QAM	50	0		20.93			
10	64QAM	1	0		20.70		22	2
10	64QAM	1	25		21.00			
10	64QAM	1	49		20.60			
10	64QAM	25	0		20.03		21	3
10	64QAM	25	12		20.26			
10	64QAM	25	25		20.28			
10	64QAM	50	0		20.07			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.74	22.81	24	0
5	QPSK	1	12	22.81	22.84	22.91		
5	QPSK	1	24	22.89	22.91	22.94		
5	QPSK	12	0	21.82	21.85	21.87	23	1
5	QPSK	12	7	21.91	21.95	21.97		
5	QPSK	12	13	21.96	21.95	22.00		
5	QPSK	25	0	21.88	21.94	21.93		
5	16QAM	1	0	21.92	22.03	22.11	23	1
5	16QAM	1	12	22.02	22.12	22.11		
5	16QAM	1	24	22.13	22.14	22.20		
5	16QAM	12	0	20.84	20.87	20.92	22	2
5	16QAM	12	7	20.97	20.98	21.01		
5	16QAM	12	13	20.93	20.98	21.00		
5	16QAM	25	0	20.94	20.96	20.97		
5	64QAM	1	0	20.89	20.88	20.81	22	2
5	64QAM	1	12	20.99	21.05	20.60		
5	64QAM	1	24	21.04	21.07	20.83		
5	64QAM	12	0	19.79	19.84	19.59	21	3
5	64QAM	12	7	19.90	19.93	19.60		
5	64QAM	12	13	19.91	19.94	19.55		
5	64QAM	25	0	19.94	19.92	19.56		

Band 14 (700MHz Band)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.95		24	0
10	QPSK	1	25		22.76			
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.80		23	1
10	QPSK	25	12		21.79			
10	QPSK	25	25		21.78			
10	QPSK	50	0		21.74			
10	16QAM	1	0		21.87		23	1
10	16QAM	1	25		22.07			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.75		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.93		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.00			
10	64QAM	25	0		19.93		21	3
10	64QAM	25	12		20.06			
10	64QAM	25	25		19.96			
10	64QAM	50	0		19.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.72	22.73	22.77	24	0
5	QPSK	1	12	22.80	22.88	22.94		
5	QPSK	1	24	22.77	22.85	22.83		
5	QPSK	12	0	21.77	21.84	22.18	23	1
5	QPSK	12	7	21.82	21.87	22.22		
5	QPSK	12	13	21.79	21.81	21.94		
5	QPSK	25	0	21.63	21.80	22.03		
5	16QAM	1	0	21.73	21.77	22.12	23	1
5	16QAM	1	12	21.88	22.09	22.09		
5	16QAM	1	24	21.97	22.00	21.82		
5	16QAM	12	0	20.84	20.85	21.16	22	2
5	16QAM	12	7	20.90	20.93	21.22		
5	16QAM	12	13	20.84	20.84	21.15		
5	16QAM	25	0	20.83	20.80	21.17		
5	64QAM	1	0	20.87	20.96	20.93	22	2
5	64QAM	1	12	20.94	20.98	20.97		
5	64QAM	1	24	20.94	20.98	20.48		
5	64QAM	12	0	19.92	19.93	19.94	21	3
5	64QAM	12	7	19.95	20.01	20.00		
5	64QAM	12	13	19.89	19.91	19.95		
5	64QAM	25	0	19.92	19.94	19.91		

Band 17 (700MHz Band)
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	23.19	23.27	23.19	24	0
10	QPSK	1	25	23.16	23.18	23.17		
10	QPSK	1	49	23.18	23.23	23.23		
10	QPSK	25	0	22.11	22.27	22.10	23	1
10	QPSK	25	12	22.25	22.18	22.24		
10	QPSK	25	25	22.23	22.23	22.25		
10	QPSK	50	0	22.24	22.25	22.22		
10	16QAM	1	0	22.41	22.35	22.37	23	1
10	16QAM	1	25	22.44	22.43	22.44		
10	16QAM	1	49	22.49	22.44	22.46		
10	16QAM	25	0	21.11	21.12	21.15	22	2
10	16QAM	25	12	21.24	21.16	21.26		
10	16QAM	25	25	21.28	21.24	21.21		
10	16QAM	50	0	21.22	21.13	21.23		
10	64QAM	1	0	21.46	21.48	21.46	22	2
10	64QAM	1	25	21.55	21.61	21.58		
10	64QAM	1	49	21.70	21.69	21.63		
10	64QAM	25	0	20.22	20.23	20.24	21	3
10	64QAM	25	12	20.34	20.31	20.34		
10	64QAM	25	25	20.33	20.30	20.31		
10	64QAM	50	0	20.33	20.22	20.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.10	23.10	23.14	24	0
5	QPSK	1	12	23.23	23.26	23.25		
5	QPSK	1	24	23.21	23.25	23.20		
5	QPSK	12	0	22.15	22.14	22.17	23	1
5	QPSK	12	7	22.21	22.23	22.16		
5	QPSK	12	13	22.19	22.23	22.23		
5	QPSK	25	0	22.21	22.15	22.16		
5	16QAM	1	0	22.27	22.34	22.36	23	1
5	16QAM	1	12	22.40	22.46	22.50		
5	16QAM	1	24	22.41	22.46	22.43		
5	16QAM	12	0	21.16	21.16	21.16	22	2
5	16QAM	12	7	21.23	21.27	21.23		
5	16QAM	12	13	21.20	21.24	21.23		
5	16QAM	25	0	21.20	21.17	21.20		
5	64QAM	1	0	21.36	21.38	21.36	22	2
5	64QAM	1	12	21.43	21.47	21.43		
5	64QAM	1	24	21.40	21.44	21.43		
5	64QAM	12	0	20.20	20.32	20.35	21	3
5	64QAM	12	7	20.41	20.43	20.40		
5	64QAM	12	13	20.42	20.44	20.43		
5	64QAM	25	0	20.40	20.33	20.34		

Band 25 (1900MHz Band)
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	23.31	23.45	23.37	24	0
20	QPSK	1	49	23.27	23.44	23.36		
20	QPSK	1	99	23.22	23.36	23.30		
20	QPSK	50	0	22.01	22.28	22.13	23	1
20	QPSK	50	24	22.09	22.27	22.21		
20	QPSK	50	50	21.99	22.20	22.15		
20	QPSK	100	0	21.99	22.17	22.15		
20	16QAM	1	0	22.25	22.39	22.40	23	1
20	16QAM	1	49	22.19	22.46	22.29		
20	16QAM	1	99	22.23	22.36	22.27		
20	16QAM	50	0	21.22	21.41	21.35	22	2
20	16QAM	50	24	21.27	21.48	21.39		
20	16QAM	50	50	21.23	21.40	21.35		
20	16QAM	100	0	21.17	21.26	21.32		
20	64QAM	1	0	21.26	21.42	21.45	22	2
20	64QAM	1	49	21.23	21.48	21.33		
20	64QAM	1	99	21.21	21.48	21.39		
20	64QAM	50	0	20.12	20.28	20.19	21	3
20	64QAM	50	24	20.21	20.38	20.27		
20	64QAM	50	50	20.13	20.30	20.24		
20	64QAM	100	0	20.09	20.19	20.23		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.24	23.44	24	0
15	QPSK	1	37	23.21	23.43	23.35		
15	QPSK	1	74	23.19	23.39	23.36		
15	QPSK	36	0	21.91	22.12	22.04	23	1
15	QPSK	36	20	22.10	22.32	22.13		
15	QPSK	36	39	22.02	22.24	22.16		
15	QPSK	75	0	22.03	22.15	22.06		
15	16QAM	1	0	22.07	22.48	22.43	23	1
15	16QAM	1	37	22.28	22.50	22.43		
15	16QAM	1	74	22.16	22.46	22.36		
15	16QAM	36	0	21.07	21.25	21.11	22	2
15	16QAM	36	20	21.19	21.37	21.23		
15	16QAM	36	39	21.13	21.33	21.26		
15	16QAM	75	0	21.13	21.27	21.21		
15	64QAM	1	0	21.42	21.59	21.57	22	2
15	64QAM	1	37	21.41	21.71	21.59		
15	64QAM	1	74	21.32	21.70	21.61		
15	64QAM	36	0	20.21	20.45	20.35	21	3
15	64QAM	36	20	20.39	20.58	20.42		
15	64QAM	36	39	20.35	20.58	20.47		
15	64QAM	75	0	20.32	20.46	20.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.96	23.21	23.31	24	0
10	QPSK	1	25	23.14	23.38	23.30		
10	QPSK	1	49	22.90	23.14	23.27		
10	QPSK	25	0	21.95	22.08	21.97	23	1
10	QPSK	25	12	22.02	22.23	22.16		
10	QPSK	25	25	21.96	22.19	22.09		
10	QPSK	50	0	21.95	22.18	21.99		
10	16QAM	1	0	22.09	22.29	22.44	23	1
10	16QAM	1	25	22.27	22.51	22.44		
10	16QAM	1	49	22.03	22.28	22.43		
10	16QAM	25	0	21.04	21.23	21.07	22	2
10	16QAM	25	12	21.12	21.35	21.28		
10	16QAM	25	25	21.00	21.30	21.17		
10	16QAM	50	0	21.04	21.30	21.12		
10	64QAM	1	0	21.36	21.52	21.73	22	2
10	64QAM	1	25	21.58	21.78	21.75		
10	64QAM	1	49	21.35	21.62	21.81		
10	64QAM	25	0	20.23	20.39	20.27	21	3
10	64QAM	25	12	20.32	20.58	20.48		
10	64QAM	25	25	20.21	20.51	20.39		
10	64QAM	50	0	20.25	20.47	20.32		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.19	23.37	23.35	24	0
5	QPSK	1	12	23.23	23.44	23.37		
5	QPSK	1	24	23.24	23.21	23.34		
5	QPSK	12	0	22.01	22.18	22.13	23	1
5	QPSK	12	7	22.06	22.23	22.15		
5	QPSK	12	13	22.00	22.29	22.14		
5	QPSK	25	0	21.99	22.23	22.13		
5	16QAM	1	0	22.23	22.45	22.44	23	1
5	16QAM	1	12	22.23	22.45	22.36		
5	16QAM	1	24	22.28	22.50	22.40		
5	16QAM	12	0	21.13	21.29	21.22	22	2
5	16QAM	12	7	21.14	21.35	21.25		
5	16QAM	12	13	21.13	21.35	21.27		
5	16QAM	25	0	21.12	21.34	21.24		
5	64QAM	1	0	21.45	21.61	21.63	22	2
5	64QAM	1	12	21.43	21.70	21.53		
5	64QAM	1	24	21.42	21.69	21.58		
5	64QAM	12	0	20.32	20.48	20.43	21	3
5	64QAM	12	7	20.32	20.55	20.46		
5	64QAM	12	13	20.28	20.55	20.46		
5	64QAM	25	0	20.29	20.54	20.43		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.20	23.41	23.29	24	0
3	QPSK	1	8	23.28	23.24	23.38		
3	QPSK	1	14	23.25	23.21	23.36		
3	QPSK	8	0	22.00	22.16	22.07	23	1
3	QPSK	8	4	22.04	22.26	22.13		
3	QPSK	8	7	22.01	22.23	22.11		
3	QPSK	15	0	22.03	22.21	22.13		
3	16QAM	1	0	22.17	22.37	22.30	23	1
3	16QAM	1	8	22.30	22.51	22.39		
3	16QAM	1	14	22.25	22.48	22.35		
3	16QAM	8	0	21.14	21.33	21.27	22	2
3	16QAM	8	4	21.19	21.42	21.32		
3	16QAM	8	7	21.16	21.43	21.29		
3	16QAM	15	0	21.12	21.32	21.23		
3	64QAM	1	0	21.41	21.57	21.54	22	2
3	64QAM	1	8	21.47	21.71	21.61		
3	64QAM	1	14	21.43	21.71	21.59		
3	64QAM	8	0	20.31	20.49	20.39	21	3
3	64QAM	8	4	20.35	20.58	20.42		
3	64QAM	8	7	20.34	20.54	20.42		
3	64QAM	15	0	20.30	20.55	20.46		
Channel				25947	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.20	23.31	23.25	24	0
1.4	QPSK	1	3	23.22	23.14	23.34		
1.4	QPSK	1	5	23.16	23.41	23.24		
1.4	QPSK	3	0	23.23	23.39	23.26		
1.4	QPSK	3	1	23.23	23.43	23.35		
1.4	QPSK	3	3	23.17	23.42	23.28		
1.4	QPSK	6	0	21.94	22.17	22.05	23	1
1.4	16QAM	1	0	22.14	22.28	22.26	23	1
1.4	16QAM	1	3	22.26	22.46	22.35		
1.4	16QAM	1	5	22.18	22.45	22.28		
1.4	16QAM	3	0	22.01	22.17	22.09		
1.4	16QAM	3	1	22.05	22.25	22.12		
1.4	16QAM	3	3	21.99	22.22	22.09		
1.4	16QAM	6	0	21.00	21.24	21.16	22	2
1.4	64QAM	1	0	21.32	21.53	21.48	22	2
1.4	64QAM	1	3	21.38	21.60	21.58		
1.4	64QAM	1	5	21.34	21.66	21.56		
1.4	64QAM	3	0	21.24	21.48	21.38		
1.4	64QAM	3	1	21.30	21.52	21.42		
1.4	64QAM	3	3	21.24	21.50	21.37		
1.4	64QAM	6	0	20.29	20.47	20.39	21	3

Band 26 for FCC (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	23.19	23.22	23.12	24	0
15	QPSK	1	37	23.01	22.97	23.11		
15	QPSK	1	74	22.97	22.88	22.95		
15	QPSK	36	0	22.06	22.17	21.88	23	1
15	QPSK	36	20	22.16	21.99	21.99		
15	QPSK	36	39	22.07	22.01	21.76		
15	QPSK	75	0	22.09	22.10	21.82		
15	16QAM	1	0	22.49	22.31	22.25	23	1
15	16QAM	1	37	22.35	22.26	22.16		
15	16QAM	1	74	22.29	22.19	22.07		
15	16QAM	36	0	21.15	21.04	20.98	22	2
15	16QAM	36	20	21.27	21.13	21.07		
15	16QAM	36	39	21.18	21.09	20.97		
15	16QAM	75	0	21.25	21.05	20.97		
15	64QAM	1	0	21.62	21.45	21.48	22	2
15	64QAM	1	37	21.42	21.46	21.24		
15	64QAM	1	74	21.30	21.29	21.17		
15	64QAM	36	0	20.34	20.26	20.18	21	3
15	64QAM	36	20	20.47	20.31	20.30		
15	64QAM	36	39	20.37	20.30	20.19		
15	64QAM	75	0	20.43	20.25	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.20	23.05	22.92	24	0
10	QPSK	1	25	23.10	23.01	22.87		
10	QPSK	1	49	23.08	22.93	22.78		
10	QPSK	25	0	22.06	21.98	21.84	23	1
10	QPSK	25	12	22.24	22.04	21.92		
10	QPSK	25	25	22.14	22.04	21.80		
10	QPSK	50	0	22.18	21.93	21.84		
10	16QAM	1	0	22.55	22.38	22.23	23	1
10	16QAM	1	25	22.46	22.29	22.19		
10	16QAM	1	49	22.42	22.27	22.12		
10	16QAM	25	0	21.25	21.07	20.92	22	2
10	16QAM	25	12	21.37	21.15	21.05		
10	16QAM	25	25	21.25	21.15	21.03		
10	16QAM	50	0	21.25	21.05	20.96		
10	64QAM	1	0	21.84	21.62	21.51	22	2
10	64QAM	1	25	21.64	21.61	21.46		
10	64QAM	1	49	21.65	21.56	21.42		
10	64QAM	25	0	20.49	20.26	20.16	21	3
10	64QAM	25	12	20.58	20.38	20.24		
10	64QAM	25	25	20.45	20.36	20.18		
10	64QAM	50	0	20.43	20.27	20.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.09	22.93	22.82	24	0
5	QPSK	1	12	23.21	22.98	22.81		
5	QPSK	1	24	23.03	22.98	22.74		
5	QPSK	12	0	22.22	21.99	21.88	23	1
5	QPSK	12	7	22.28	22.10	21.88		
5	QPSK	12	13	22.23	22.06	21.82		
5	QPSK	25	0	22.05	21.96	21.80		
5	16QAM	1	0	22.39	22.25	22.13	23	1
5	16QAM	1	12	22.44	22.26	22.06		
5	16QAM	1	24	22.37	22.28	22.04		
5	16QAM	12	0	21.32	21.13	20.98	22	2
5	16QAM	12	7	21.40	21.23	21.02		
5	16QAM	12	13	21.34	21.17	20.98		
5	16QAM	25	0	21.32	21.11	20.97		
5	64QAM	1	0	21.53	21.40	21.30	22	2
5	64QAM	1	12	21.60	21.40	21.26		
5	64QAM	1	24	21.51	21.43	21.17		
5	64QAM	12	0	20.53	20.27	20.15	21	3
5	64QAM	12	7	20.57	20.38	20.20		
5	64QAM	12	13	20.49	20.34	20.09		
5	64QAM	25	0	20.54	20.30	20.17		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.13	22.92	22.76	24	0
3	QPSK	1	8	23.20	22.98	22.79		
3	QPSK	1	14	23.08	22.93	22.71		
3	QPSK	8	0	22.20	21.94	21.78	23	1
3	QPSK	8	4	22.24	22.03	21.85		
3	QPSK	8	7	22.21	22.02	21.79		
3	QPSK	15	0	22.23	21.96	21.82		
3	16QAM	1	0	22.41	22.23	22.07	23	1
3	16QAM	1	8	22.45	22.29	22.07		
3	16QAM	1	14	22.39	22.25	22.03		
3	16QAM	8	0	21.40	21.15	20.97	22	2
3	16QAM	8	4	21.43	21.25	21.02		
3	16QAM	8	7	21.36	21.16	20.96		
3	16QAM	15	0	21.35	21.10	20.95		
3	64QAM	1	0	21.60	21.41	21.29	22	2
3	64QAM	1	8	21.66	21.36	21.18		
3	64QAM	1	14	21.65	21.46	21.20		
3	64QAM	8	0	20.57	20.29	20.15	21	3
3	64QAM	8	4	20.59	20.37	20.16		
3	64QAM	8	7	20.57	20.37	20.13		
3	64QAM	15	0	20.53	20.27	20.10		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.07	22.87	22.82	24	0
1.4	QPSK	1	3	23.13	22.91	22.68		
1.4	QPSK	1	5	23.03	22.83	22.92		
1.4	QPSK	3	0	23.06	22.88	22.63		
1.4	QPSK	3	1	23.12	22.89	22.70		
1.4	QPSK	3	3	23.07	22.85	22.63		
1.4	QPSK	6	0	22.17	21.96	21.71	23	1
1.4	16QAM	1	0	21.37	21.22	21.35	23	1
1.4	16QAM	1	3	21.46	21.25	21.04		
1.4	16QAM	1	5	21.38	21.18	21.33		
1.4	16QAM	3	0	21.17	21.33	21.32		
1.4	16QAM	3	1	21.21	21.44	21.42		
1.4	16QAM	3	3	21.14	21.35	21.33		
1.4	16QAM	6	0	21.21	20.99	20.76	22	2
1.4	64QAM	1	0	21.65	21.51	21.18	22	2
1.4	64QAM	1	3	21.67	21.49	21.24		
1.4	64QAM	1	5	21.66	21.43	21.21		
1.4	64QAM	3	0	21.49	21.27	21.07		
1.4	64QAM	3	1	21.51	21.31	21.11		
1.4	64QAM	3	3	21.48	21.27	21.03		
1.4	64QAM	6	0	20.45	20.24	20.01	21	3

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.59		24	0
10	QPSK	1	25		23.33			
10	QPSK	1	49		23.26			
10	QPSK	25	0		22.60		23	1
10	QPSK	25	12		22.59			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.53			
10	16QAM	1	0		22.36		23	1
10	16QAM	1	25		22.35			
10	16QAM	1	49		22.33			
10	16QAM	25	0		21.43		22	2
10	16QAM	25	12		21.47			
10	16QAM	25	25		21.72			
10	16QAM	50	0		21.74			
10	64QAM	1	0		21.74		22	2
10	64QAM	1	25		21.69			
10	64QAM	1	49		21.67			
10	64QAM	25	0		20.54		21	3
10	64QAM	25	12		20.72			
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.64			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.32	23.40	23.46	24	0
5	QPSK	1	12	23.50	23.57	23.42		
5	QPSK	1	24	23.46	23.52	23.44		
5	QPSK	12	0	22.27	22.31	22.38	23	1
5	QPSK	12	7	22.42	22.45	22.52		
5	QPSK	12	13	22.38	22.44	22.52		
5	QPSK	25	0	22.34	22.43	22.52		
5	16QAM	1	0	22.52	22.63	22.73	23	1
5	16QAM	1	12	22.73	22.83	22.85		
5	16QAM	1	24	22.74	22.80	22.86		
5	16QAM	12	0	21.53	21.60	21.60	22	2
5	16QAM	12	7	21.60	21.66	21.73		
5	16QAM	12	13	21.61	21.66	21.73		
5	16QAM	25	0	21.60	21.64	21.73		
5	64QAM	1	0	21.18	21.25	21.37	22	2
5	64QAM	1	12	21.43	21.43	21.58		
5	64QAM	1	24	21.36	21.43	21.54		
5	64QAM	12	0	20.42	20.46	20.49	21	3
5	64QAM	12	7	20.48	20.55	20.69		
5	64QAM	12	13	20.46	20.54	20.62		
5	64QAM	25	0	20.50	20.53	20.64		

Band 66

BW [MHz]	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	22.52	22.71	22.63	24	0
20	QPSK	1	49	22.47	22.49	22.53		
20	QPSK	1	99	22.38	22.32	22.38		
20	QPSK	50	0	21.37	21.50	21.40	23	1
20	QPSK	50	24	21.43	21.37	21.49		
20	QPSK	50	50	21.28	21.33	21.34		
20	QPSK	100	0	21.37	21.38	21.36		
20	16QAM	1	0	21.68	21.70	21.91	23	1
20	16QAM	1	49	21.89	21.97	21.94		
20	16QAM	1	99	21.55	21.63	21.82		
20	16QAM	50	0	20.58	20.64	20.62	22	2
20	16QAM	50	24	20.66	20.64	20.71		
20	16QAM	50	50	20.54	20.56	20.56		
20	16QAM	100	0	20.55	20.53	20.52		
20	64QAM	1	0	20.84	20.73	21.12	22	2
20	64QAM	1	49	20.96	21.07	21.08		
20	64QAM	1	99	20.72	20.74	21.01		
20	64QAM	50	0	19.75	19.75	19.80	21	3
20	64QAM	50	24	19.86	19.80	19.91		
20	64QAM	50	50	19.72	19.76	19.77		
20	64QAM	100	0	19.78	19.71	19.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.42	22.43	22.59	24	0
15	QPSK	1	37	22.47	22.43	22.46		
15	QPSK	1	74	22.29	22.22	22.39		
15	QPSK	36	0	21.34	21.33	21.37	23	1
15	QPSK	36	20	21.40	21.32	21.48		
15	QPSK	36	39	21.31	21.30	21.35		
15	QPSK	75	0	21.38	21.27	21.34		
15	16QAM	1	0	21.74	21.74	21.95	23	1
15	16QAM	1	37	21.81	21.86	21.92		
15	16QAM	1	74	21.59	21.66	21.79		
15	16QAM	36	0	20.58	20.56	20.66	22	2
15	16QAM	36	20	20.63	20.53	20.67		
15	16QAM	36	39	20.52	20.53	20.55		
15	16QAM	75	0	20.59	20.51	20.58		
15	64QAM	1	0	20.87	20.78	21.04	22	2
15	64QAM	1	37	20.90	20.97	21.08		
15	64QAM	1	74	20.61	20.79	20.99		
15	64QAM	36	0	19.76	19.77	19.82	21	3
15	64QAM	36	20	19.80	19.73	19.87		
15	64QAM	36	39	19.72	19.73	19.76		
15	64QAM	75	0	19.79	19.72	19.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.22	22.14	22.27	24	0
10	QPSK	1	25	22.40	22.44	22.51		
10	QPSK	1	49	22.14	22.20	22.24		
10	QPSK	25	0	21.33	21.27	21.32	23	1
10	QPSK	25	12	21.39	21.30	21.36		
10	QPSK	25	25	21.26	21.28	21.32		
10	QPSK	50	0	21.33	21.25	21.31		
10	16QAM	1	0	21.58	21.59	21.66	23	1
10	16QAM	1	25	21.80	21.84	21.92		
10	16QAM	1	49	21.57	21.60	21.63		
10	16QAM	25	0	20.56	20.48	20.67	22	2
10	16QAM	25	12	20.60	20.56	20.58		
10	16QAM	25	25	20.44	20.50	20.55		
10	16QAM	50	0	20.51	20.48	20.52		
10	64QAM	1	0	20.71	20.79	20.85	22	2
10	64QAM	1	25	20.94	21.17	21.20		
10	64QAM	1	49	20.71	20.91	20.95		
10	64QAM	25	0	19.74	19.73	19.76	21	3
10	64QAM	25	12	19.83	19.80	19.80		
10	64QAM	25	25	19.67	19.69	19.74		
10	64QAM	50	0	19.72	19.66	19.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.50	22.45	22.55	24	0
5	QPSK	1	12	22.46	22.54	22.50		
5	QPSK	1	24	22.36	22.43	22.42		
5	QPSK	12	0	21.39	21.39	21.44	23	1
5	QPSK	12	7	21.40	21.44	21.43		
5	QPSK	12	13	21.34	21.32	21.36		
5	QPSK	25	0	21.36	21.31	21.41		
5	16QAM	1	0	21.84	21.80	21.90	23	1
5	16QAM	1	12	21.79	21.76	21.80		
5	16QAM	1	24	21.75	21.73	21.74		
5	16QAM	12	0	20.64	20.63	20.68	22	2
5	16QAM	12	7	20.61	20.65	20.66		
5	16QAM	12	13	20.54	20.57	20.57		
5	16QAM	25	0	20.57	20.57	20.63		
5	64QAM	1	0	20.96	20.94	21.02	22	2
5	64QAM	1	12	20.96	20.95	20.97		
5	64QAM	1	24	20.83	20.87	20.85		
5	64QAM	12	0	19.82	19.78	19.86	21	3
5	64QAM	12	7	19.78	19.85	19.86		
5	64QAM	12	13	19.71	19.73	19.73		
5	64QAM	25	0	19.79	19.75	19.81		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.54	22.54	22.59	24	0
3	QPSK	1	8	22.56	22.56	22.54		
3	QPSK	1	14	22.42	22.45	22.44		
3	QPSK	8	0	21.45	21.36	21.43	23	1
3	QPSK	8	4	21.43	21.42	21.45		
3	QPSK	8	7	21.35	21.34	21.37		
3	QPSK	15	0	21.39	21.32	21.39		
3	16QAM	1	0	21.90	21.84	21.85	23	1
3	16QAM	1	8	21.90	21.88	21.94		
3	16QAM	1	14	21.77	21.77	21.78		
3	16QAM	8	0	20.65	20.64	20.71	22	2
3	16QAM	8	4	20.64	20.68	20.68		
3	16QAM	8	7	20.60	20.61	20.62		
3	16QAM	15	0	20.60	20.59	20.68		
3	64QAM	1	0	21.01	20.96	21.04	22	2
3	64QAM	1	8	21.03	21.02	21.02		
3	64QAM	1	14	20.90	20.96	20.93		
3	64QAM	8	0	19.84	19.82	19.89	21	3
3	64QAM	8	4	19.83	19.85	19.86		
3	64QAM	8	7	19.76	19.80	19.78		
3	64QAM	15	0	19.80	19.76	19.85		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.42	22.43	22.45	24	0
1.4	QPSK	1	3	22.42	22.46	22.50		
1.4	QPSK	1	5	22.34	22.38	22.42		
1.4	QPSK	3	0	22.47	22.46	22.47		
1.4	QPSK	3	1	22.50	22.47	22.51		
1.4	QPSK	3	3	22.46	22.44	22.46		
1.4	QPSK	6	0	21.52	21.42	21.52	23	1
1.4	16QAM	1	0	21.78	21.83	21.79	23	1
1.4	16QAM	1	3	21.81	21.87	21.87		
1.4	16QAM	1	5	21.73	21.76	21.75		
1.4	16QAM	3	0	21.61	21.59	21.60		
1.4	16QAM	3	1	21.60	21.59	21.62		
1.4	16QAM	3	3	21.50	21.52	21.58		
1.4	16QAM	6	0	20.59	20.52	20.61	22	2
1.4	64QAM	1	0	20.64	20.65	20.64	22	2
1.4	64QAM	1	3	20.59	20.61	20.61		
1.4	64QAM	1	5	20.50	20.57	20.55		
1.4	64QAM	3	0	20.48	20.50	20.52		
1.4	64QAM	3	1	20.53	20.53	20.53		
1.4	64QAM	3	3	20.44	20.44	20.48		
1.4	64QAM	6	0	19.52	19.55	19.52	21	3

Band 71								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	23.32	23.33	23.16	24	0
20	QPSK	1	49	23.04	22.99	23.03		
20	QPSK	1	99	23.04	23.04	23.06		
20	QPSK	50	0	22.14	22.15	22.03	23	1
20	QPSK	50	24	22.05	22.02	22.03		
20	QPSK	50	50	22.03	22.03	22.02		
20	QPSK	100	0	21.93	22.04	21.97		
20	16QAM	1	0	22.50	22.30	22.31	23	1
20	16QAM	1	49	22.24	22.30	22.33		
20	16QAM	1	99	22.11	22.31	22.29		
20	16QAM	50	0	21.24	21.17	21.32	22	2
20	16QAM	50	24	21.34	21.29	21.26		
20	16QAM	50	50	21.18	21.35	21.27		
20	16QAM	100	0	21.19	21.22	21.11		
20	64QAM	1	0	21.06	21.34	21.35	22	2
20	64QAM	1	49	20.92	21.36	21.31		
20	64QAM	1	99	21.27	21.24	21.40		
20	64QAM	50	0	19.91	20.21	20.27	21	3
20	64QAM	50	24	20.14	20.31	20.30		
20	64QAM	50	50	20.24	20.31	20.28		
20	64QAM	100	0	20.08	20.23	20.14		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.10	23.15	23.19	24	0
15	QPSK	1	37	23.10	23.09	23.17		
15	QPSK	1	74	23.13	23.10	23.12		
15	QPSK	36	0	22.05	22.03	22.16	23	1
15	QPSK	36	20	22.07	22.07	22.11		
15	QPSK	36	39	21.89	22.01	22.06		
15	QPSK	75	0	22.04	22.00	22.01		
15	16QAM	1	0	22.52	22.28	22.22	23	1
15	16QAM	1	37	22.23	22.13	22.31		
15	16QAM	1	74	22.03	22.23	22.13		
15	16QAM	36	0	21.26	21.29	21.25	22	2
15	16QAM	36	20	21.31	21.30	21.29		
15	16QAM	36	39	21.22	21.29	21.27		
15	16QAM	75	0	21.29	21.27	21.19		
15	64QAM	1	0	21.31	21.42	21.32	22	2
15	64QAM	1	37	21.27	21.40	21.43		
15	64QAM	1	74	21.24	21.31	21.39		
15	64QAM	36	0	20.12	20.25	20.34	21	3
15	64QAM	36	20	19.98	20.35	20.28		
15	64QAM	36	39	20.23	20.37	20.24		
15	64QAM	75	0	19.96	20.21	20.22		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.20	23.21	23.10	24	0
10	QPSK	1	25	23.16	23.12	23.17		
10	QPSK	1	49	23.10	23.15	23.06		
10	QPSK	25	0	21.98	21.93	22.05	23	1
10	QPSK	25	12	22.16	22.11	21.99		
10	QPSK	25	25	21.99	22.05	22.05		
10	QPSK	50	0	22.04	22.07	21.97		
10	16QAM	1	0	22.35	22.37	22.38	23	1
10	16QAM	1	25	22.35	22.30	22.23		
10	16QAM	1	49	22.28	22.33	22.21		
10	16QAM	25	0	21.36	21.18	21.18	22	2
10	16QAM	25	12	21.28	21.30	21.20		
10	16QAM	25	25	21.12	21.21	21.28		
10	16QAM	50	0	21.25	21.23	21.20		
10	64QAM	1	0	21.20	21.43	21.20	22	2
10	64QAM	1	25	21.34	21.35	21.35		
10	64QAM	1	49	21.12	21.43	21.13		
10	64QAM	25	0	20.27	20.24	20.29	21	3
10	64QAM	25	12	20.28	20.32	20.28		
10	64QAM	25	25	19.98	20.26	20.28		
10	64QAM	50	0	19.83	20.24	20.19		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	23.29	23.06	23.05	24	0
5	QPSK	1	12	23.20	23.19	23.22		
5	QPSK	1	24	23.16	23.13	23.04		
5	QPSK	12	0	22.10	21.99	22.03	23	1
5	QPSK	12	7	22.10	22.07	22.11		
5	QPSK	12	13	22.13	22.07	22.12		
5	QPSK	25	0	22.07	22.03	22.00		
5	16QAM	1	0	22.14	22.11	22.10	23	1
5	16QAM	1	12	22.41	22.28	22.29		
5	16QAM	1	24	22.23	22.31	22.28		
5	16QAM	12	0	21.32	21.26	21.17	22	2
5	16QAM	12	7	21.29	21.39	21.33		
5	16QAM	12	13	21.28	21.29	21.25		
5	16QAM	25	0	21.32	21.29	21.25		
5	64QAM	1	0	21.20	21.26	21.21	22	2
5	64QAM	1	12	21.32	21.39	21.50		
5	64QAM	1	24	21.41	21.41	21.34		
5	64QAM	12	0	20.30	20.27	20.24	21	3
5	64QAM	12	7	20.42	20.38	20.40		
5	64QAM	12	13	20.35	20.37	20.37		
5	64QAM	25	0	20.06	20.25	20.23		

Band 38(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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.95	23.11	23.10	24	0
20	QPSK	1	49	23.06	23.06	23.02		
20	QPSK	1	99	23.08	23.05	22.82		
20	QPSK	50	0	21.85	22.05	21.99	23	1
20	QPSK	50	24	21.81	22.02	22.01		
20	QPSK	50	50	21.85	22.00	22.04		
20	QPSK	100	0	21.73	21.95	21.91		
20	16QAM	1	0	21.82	22.05	22.22	23	1
20	16QAM	1	49	21.89	22.26	22.24		
20	16QAM	1	99	22.18	22.30	22.22		
20	16QAM	50	0	20.90	21.14	21.23	22	2
20	16QAM	50	24	21.08	21.33	21.35		
20	16QAM	50	50	21.14	21.30	21.26		
20	16QAM	100	0	20.95	21.22	21.28		
20	64QAM	1	0	20.52	20.81	20.92	22	2
20	64QAM	1	49	20.55	20.96	20.93		
20	64QAM	1	99	20.80	21.00	20.93		
20	64QAM	50	0	19.91	20.17	20.27	21	3
20	64QAM	50	24	20.11	20.36	20.39		
20	64QAM	50	50	20.16	20.32	20.30		
20	64QAM	100	0	19.84	19.85	19.91		
Channel				37525	38000	38775	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	23.02	23.02	24	0
15	QPSK	1	37	22.97	23.07	23.01		
15	QPSK	1	74	23.02	23.06	23.08		
15	QPSK	36	0	21.57	21.95	21.97	23	1
15	QPSK	36	20	21.74	22.06	22.03		
15	QPSK	36	39	21.76	22.01	22.00		
15	QPSK	75	0	21.69	22.01	22.02		
15	16QAM	1	0	21.98	22.18	22.30	23	1
15	16QAM	1	37	21.90	22.33	22.24		
15	16QAM	1	74	22.12	22.37	22.35		
15	16QAM	36	0	20.80	21.19	21.24	22	2
15	16QAM	36	20	21.02	21.29	21.28		
15	16QAM	36	39	21.03	21.28	21.29		
15	16QAM	75	0	20.99	21.32	21.34		
15	64QAM	1	0	20.58	20.85	20.94	22	2
15	64QAM	1	37	20.55	21.01	20.94		
15	64QAM	1	74	20.69	21.04	20.96		
15	64QAM	36	0	19.88	20.24	20.27	21	3
15	64QAM	36	20	20.07	20.38	20.38		
15	64QAM	36	39	20.09	20.32	20.32		
15	64QAM	75	0	20.00	20.32	20.31		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.80	23.02	23.01	24	0
10	QPSK	1	25	22.81	23.02	22.90		
10	QPSK	1	49	22.79	23.01	23.00		
10	QPSK	25	0	21.72	21.90	21.94	23	1
10	QPSK	25	12	21.64	21.98	22.04		
10	QPSK	25	25	21.55	21.92	21.98		
10	QPSK	50	0	21.50	21.92	21.92		
10	16QAM	1	0	21.69	22.16	22.11	23	1
10	16QAM	1	25	21.85	22.15	22.05		
10	16QAM	1	49	21.86	22.12	22.09		
10	16QAM	25	0	20.85	21.18	21.24	22	2
10	16QAM	25	12	20.92	21.32	21.35		
10	16QAM	25	25	20.89	21.28	21.27		
10	16QAM	50	0	20.88	21.27	21.30		
10	64QAM	1	0	20.56	20.96	20.99	22	2
10	64QAM	1	25	20.56	21.02	20.98		
10	64QAM	1	49	20.76	21.02	21.04		
10	64QAM	25	0	19.87	20.17	20.24	21	3
10	64QAM	25	12	19.93	20.21	20.22		
10	64QAM	25	25	19.90	20.22	20.33		
10	64QAM	50	0	19.85	20.23	20.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.83	23.06	23.02	24	0
5	QPSK	1	12	22.73	23.02	23.01		
5	QPSK	1	24	22.85	23.01	23.01		
5	QPSK	12	0	21.92	22.13	22.17	23	1
5	QPSK	12	7	21.87	22.21	22.27		
5	QPSK	12	13	21.78	22.15	22.01		
5	QPSK	25	0	21.73	22.15	22.15		
5	16QAM	1	0	21.71	22.12	22.05	23	1
5	16QAM	1	12	21.89	22.12	22.05		
5	16QAM	1	24	21.70	22.12	22.01		
5	16QAM	12	0	20.95	21.31	21.37	22	2
5	16QAM	12	7	21.05	21.02	21.32		
5	16QAM	12	13	21.11	21.21	21.07		
5	16QAM	25	0	21.01	20.92	21.25		
5	64QAM	1	0	20.99	20.91	20.95	22	2
5	64QAM	1	12	21.15	20.96	21.05		
5	64QAM	1	24	20.99	20.95	21.25		
5	64QAM	12	0	19.99	20.19	20.26	21	3
5	64QAM	12	7	19.95	20.37	20.39		
5	64QAM	12	13	19.92	20.24	20.35		
5	64QAM	25	0	19.87	20.25	20.30		

Band 41 (2.6G Band)

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	22.62	22.71	22.75	22.73	22.71	24	0
20	QPSK	1	49	22.37	22.28	22.68	22.71	22.71		
20	QPSK	1	99	22.38	22.27	22.45	22.72	22.74		
20	QPSK	50	0	21.38	21.31	21.78	21.67	21.77	23	1
20	QPSK	50	24	21.38	21.29	21.61	21.76	21.76		
20	QPSK	50	50	21.37	21.29	21.64	21.75	21.67		
20	QPSK	100	0	21.32	21.09	21.56	21.55	21.52		
20	16QAM	1	0	21.41	21.37	21.35	21.73	21.80	23	1
20	16QAM	1	49	21.37	21.33	21.68	21.68	21.70		
20	16QAM	1	99	21.40	21.30	21.39	21.80	21.68		
20	16QAM	50	0	20.69	20.48	20.71	20.82	20.85	22	2
20	16QAM	50	24	20.59	20.49	20.87	20.81	20.89		
20	16QAM	50	50	20.58	20.46	20.87	20.73	20.91		
20	16QAM	100	0	20.52	20.58	20.75	20.98	20.98		
20	64QAM	1	0	20.47	20.27	20.25	20.66	20.72	22	2
20	64QAM	1	49	20.38	20.29	20.63	20.66	20.71		
20	64QAM	1	99	20.33	20.25	20.38	20.73	20.63		
20	64QAM	50	0	19.42	19.39	19.52	19.74	19.84	21	3
20	64QAM	50	24	19.46	19.35	19.68	19.83	19.83		
20	64QAM	50	50	19.42	19.45	19.72	19.84	19.77		
20	64QAM	100	0	19.46	19.41	19.67	19.81	19.71		
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	22.41	22.31	22.37	22.67	22.65	24	0
15	QPSK	1	37	22.40	22.65	22.71	22.67	22.66		
15	QPSK	1	74	22.35	22.41	22.55	22.70	22.71		
15	QPSK	36	0	21.38	21.31	21.48	21.63	21.74	23	1
15	QPSK	36	20	21.41	21.42	21.59	21.76	21.76		
15	QPSK	36	39	21.38	21.46	21.65	21.76	21.75		
15	QPSK	75	0	21.36	21.51	21.55	21.77	21.76		
15	16QAM	1	0	21.43	21.35	21.33	21.69	21.76	23	1
15	16QAM	1	37	21.39	21.61	21.63	21.53	21.50		
15	16QAM	1	74	21.40	21.51	21.57	21.81	21.74		
15	16QAM	36	0	20.53	20.59	20.65	20.83	20.91	22	2
15	16QAM	36	20	20.55	20.63	20.79	20.90	20.87		
15	16QAM	36	39	20.54	20.69	20.85	20.92	20.90		
15	16QAM	75	0	20.55	20.79	20.80	20.98	20.98		
15	64QAM	1	0	20.50	20.50	20.30	20.75	20.80	22	2
15	64QAM	1	37	20.51	20.62	20.59	20.69	20.77		
15	64QAM	1	74	20.49	20.42	20.50	20.74	20.71		
15	64QAM	36	0	19.49	19.41	19.58	19.80	19.85	21	3
15	64QAM	36	20	19.50	19.61	19.74	19.85	19.81		
15	64QAM	36	39	19.47	19.57	19.79	19.86	19.85		
15	64QAM	75	0	19.48	19.61	19.69	19.87	19.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.38	22.42	22.36	22.73	22.71	24	0
10	QPSK	1	25	22.36	22.39	22.55	22.65	22.67		
10	QPSK	1	49	22.45	22.48	22.52	22.72	22.67		
10	QPSK	25	0	21.41	21.29	21.51	21.74	21.71	23	1
10	QPSK	25	12	21.42	21.34	21.61	21.75	21.75		
10	QPSK	25	25	21.40	21.26	21.61	21.76	21.70		
10	QPSK	50	0	21.36	21.25	21.52	21.72	21.70		
10	16QAM	1	0	21.42	21.46	21.42	21.74	21.69	23	1
10	16QAM	1	25	21.42	21.27	21.63	21.73	21.69		
10	16QAM	1	49	21.40	21.31	21.43	21.76	21.67		
10	16QAM	25	0	20.64	20.51	20.68	20.93	20.88	22	2
10	16QAM	25	12	20.68	20.56	20.77	20.98	20.95		
10	16QAM	25	25	20.58	20.62	20.84	20.89	20.87		
10	16QAM	50	0	20.59	20.49	20.72	20.99	20.96		
10	64QAM	1	0	20.50	20.55	20.51	20.82	20.85	22	2
10	64QAM	1	25	20.47	20.44	20.73	20.88	20.83		
10	64QAM	1	49	20.49	20.46	20.54	20.91	20.89		
10	64QAM	25	0	19.51	19.39	19.56	19.83	19.80	21	3
10	64QAM	25	12	19.56	19.46	19.67	19.81	19.85		
10	64QAM	25	25	19.51	19.58	19.64	19.74	19.79		
10	64QAM	50	0	19.44	19.33	19.58	19.83	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.40	22.29	22.54	22.68	22.68	24	0
5	QPSK	1	12	22.41	22.28	22.61	22.70	22.67		
5	QPSK	1	24	22.40	22.26	22.54	22.67	22.65		
5	QPSK	12	0	21.46	21.33	21.58	21.74	21.68	23	1
5	QPSK	12	7	21.49	21.35	21.64	21.76	21.73		
5	QPSK	12	13	21.45	21.32	21.67	21.75	21.70		
5	QPSK	25	0	21.41	21.29	21.61	21.73	21.69		
5	16QAM	1	0	21.42	21.39	21.59	21.68	21.81	23	1
5	16QAM	1	12	21.52	21.33	21.70	21.82	21.76		
5	16QAM	1	24	21.48	21.35	21.70	21.78	21.72		
5	16QAM	12	0	20.61	20.49	20.78	20.92	20.86	22	2
5	16QAM	12	7	20.65	20.54	20.78	20.94	20.94		
5	16QAM	12	13	20.60	20.51	20.83	20.94	20.87		
5	16QAM	25	0	20.65	20.56	20.84	20.99	20.93		
5	64QAM	1	0	20.44	20.27	20.59	20.66	20.68	22	2
5	64QAM	1	12	20.36	20.28	20.68	20.75	20.70		
5	64QAM	1	24	20.41	20.28	20.65	20.76	20.68		
5	64QAM	12	0	19.49	19.37	19.67	19.80	19.75	21	3
5	64QAM	12	7	19.56	19.42	19.73	19.83	19.80		
5	64QAM	12	13	19.47	19.37	19.74	19.81	19.78		
5	64QAM	25	0	19.51	19.40	19.70	19.80	19.79		

Band 41 (2.6G Band) HPUE

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	25.28	25.51	25.58	25.45	25.50	27	0
20	QPSK	1	49	25.26	25.18	25.57	25.39	25.44		
20	QPSK	1	99	25.28	25.18	25.35	25.52	25.48		
20	QPSK	50	0	24.25	24.36	24.53	24.34	24.48	26	1
20	QPSK	50	24	24.30	24.08	24.50	24.45	24.49		
20	QPSK	50	50	24.24	24.15	24.52	24.47	24.39		
20	QPSK	100	0	24.23	24.08	24.36	24.34	24.33		
20	16QAM	1	0	24.45	24.31	24.21	24.56	24.65	26	1
20	16QAM	1	49	24.40	24.34	24.71	24.58	24.57		
20	16QAM	1	99	24.42	24.34	24.48	24.63	24.60		
20	16QAM	50	0	23.50	23.28	23.55	23.58	23.70	25	2
20	16QAM	50	24	23.50	23.30	23.71	23.71	23.73		
20	16QAM	50	50	23.52	23.36	23.75	23.72	23.63		
20	16QAM	100	0	23.42	23.19	23.59	23.69	23.68		
20	64QAM	1	0	23.40	23.27	23.34	23.53	23.59	25	2
20	64QAM	1	49	23.31	23.17	23.54	23.53	23.61		
20	64QAM	1	99	23.30	23.12	23.51	23.58	23.59		
20	64QAM	50	0	22.44	22.18	22.49	22.52	22.63	24	3
20	64QAM	50	24	22.48	22.23	22.65	22.62	22.64		
20	64QAM	50	50	22.42	22.28	22.66	22.65	22.59		
20	64QAM	100	0	22.45	22.22	22.63	22.69	22.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.36	25.03	25.05	25.45	25.50	27	0
15	QPSK	1	37	25.37	25.26	25.36	25.47	25.43		
15	QPSK	1	74	25.38	25.06	25.27	25.51	25.52		
15	QPSK	36	0	24.28	24.02	24.14	24.38	24.44	26	1
15	QPSK	36	20	24.28	24.08	24.28	24.45	24.46		
15	QPSK	36	39	24.25	24.09	24.33	24.46	24.43		
15	QPSK	75	0	24.22	24.02	24.19	24.46	24.45		
15	16QAM	1	0	24.44	24.18	24.15	24.56	24.60	26	1
15	16QAM	1	37	24.43	24.35	24.50	24.50	24.52		
15	16QAM	1	74	24.47	24.11	24.44	24.61	24.61		
15	16QAM	36	0	23.45	23.18	23.35	23.54	23.62	25	2
15	16QAM	36	20	23.43	23.27	23.45	23.63	23.62		
15	16QAM	36	39	23.46	23.28	23.52	23.65	23.60		
15	16QAM	75	0	23.47	23.22	23.41	23.68	23.66		
15	64QAM	1	0	23.43	23.06	23.13	23.54	23.55	25	2
15	64QAM	1	37	23.31	23.20	23.31	23.50	23.49		
15	64QAM	1	74	23.32	23.11	23.31	23.51	23.41		
15	64QAM	36	0	22.49	22.21	22.36	22.59	22.67	24	3
15	64QAM	36	20	22.48	22.30	22.50	22.65	22.63		
15	64QAM	36	39	22.48	22.30	22.56	22.65	22.68		
15	64QAM	75	0	22.43	22.24	22.44	22.68	22.67		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.35	25.21	25.26	25.41	25.35	27	0
10	QPSK	1	25	25.32	25.23	25.32	25.42	25.41		
10	QPSK	1	49	25.33	25.04	25.39	25.41	25.39		
10	QPSK	25	0	24.27	24.12	24.41	24.42	24.44	26	1
10	QPSK	25	12	24.31	24.22	24.51	24.48	24.50		
10	QPSK	25	25	24.28	24.11	24.48	24.48	24.43		
10	QPSK	50	0	24.22	24.11	24.40	24.48	24.45		
10	16QAM	1	0	24.51	24.10	24.47	24.57	24.58	26	1
10	16QAM	1	25	24.46	24.39	24.58	24.58	24.59		
10	16QAM	1	49	24.51	24.15	24.48	24.55	24.60		
10	16QAM	25	0	23.51	23.34	23.61	23.67	23.66	25	2
10	16QAM	25	12	23.51	23.44	23.74	23.70	23.71		
10	16QAM	25	25	23.47	23.33	23.72	23.67	23.63		
10	16QAM	50	0	23.46	23.32	23.65	23.76	23.71		
10	64QAM	1	0	23.51	23.10	23.57	23.47	23.50	25	2
10	64QAM	1	25	23.49	23.36	23.51	23.60	23.60		
10	64QAM	1	49	23.43	23.12	23.55	23.52	23.51		
10	64QAM	25	0	22.48	22.33	22.58	22.63	22.62	24	3
10	64QAM	25	12	22.51	22.41	22.72	22.70	22.67		
10	64QAM	25	25	22.47	22.30	22.70	22.66	22.60		
10	64QAM	50	0	22.40	22.31	22.58	22.61	22.65		
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	25.35	25.23	25.49	25.41	25.52	27	0
5	QPSK	1	12	25.38	25.22	25.42	25.51	25.44		
5	QPSK	1	24	25.31	25.17	25.42	25.52	25.42		
5	QPSK	12	0	24.28	24.19	24.48	24.59	24.52	26	1
5	QPSK	12	7	24.34	24.23	24.53	24.61	24.58		
5	QPSK	12	13	24.27	24.19	24.55	24.56	24.53		
5	QPSK	25	0	24.26	24.18	24.46	24.55	24.51		
5	16QAM	1	0	24.48	24.38	24.61	24.66	24.69	26	1
5	16QAM	1	12	24.45	24.40	24.62	24.70	24.69		
5	16QAM	1	24	24.47	24.39	24.66	24.71	24.69		
5	16QAM	12	0	23.55	23.43	23.74	23.79	23.76	25	2
5	16QAM	12	7	23.53	23.44	23.75	23.85	23.82		
5	16QAM	12	13	23.55	23.41	23.82	23.80	23.76		
5	16QAM	25	0	23.52	23.44	23.74	23.81	23.78		
5	64QAM	1	0	23.39	23.24	23.59	23.59	23.64	25	2
5	64QAM	1	12	23.36	23.25	23.61	23.64	23.60		
5	64QAM	1	24	23.40	23.25	23.67	23.68	23.64		
5	64QAM	12	0	22.48	22.36	22.67	22.75	22.73	24	3
5	64QAM	12	7	22.52	22.41	22.71	22.79	22.78		
5	64QAM	12	13	22.45	22.38	22.78	22.76	22.72		
5	64QAM	25	0	22.45	22.37	22.68	22.73	22.72		

LAT Reduced Power Mode for Sensor On

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.72	30.42	30.46	31.50	21.72	21.42	21.46	22.50
GPRS 1 Tx slot	30.71	30.41	30.45	31.50	21.71	21.41	21.45	22.50
GPRS 2 Tx slots	30.07	30.23	29.78	30.50	24.07	24.23	23.78	24.50
GPRS 3 Tx slots	28.38	28.52	28.05	29.00	24.12	24.26	23.79	24.74
GPRS 4 Tx slots	26.93	27.21	26.85	27.50	23.93	24.21	23.85	24.50
EDGE 1 Tx slot	25.42	25.31	25.01	25.50	16.42	16.31	16.01	16.50
EDGE 2 Tx slots	24.21	24.23	23.93	24.50	18.21	18.23	17.93	18.50
EDGE 3 Tx slots	22.83	22.71	22.42	23.00	18.57	18.45	18.16	18.74
EDGE 4 Tx slots	21.28	21.32	21.04	21.50	18.28	18.32	18.04	18.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.49	25.78	25.75	26.50	16.49	16.78	16.75	17.50
GPRS 1 Tx slot	25.48	25.77	25.74	26.50	16.48	16.77	16.74	17.50
GPRS 2 Tx slots	25.10	25.16	25.15	25.50	19.10	19.16	19.15	19.50
GPRS 3 Tx slots	23.30	23.78	23.28	24.00	19.04	19.52	19.02	19.74
GPRS 4 Tx slots	21.15	21.53	21.63	22.50	18.15	18.53	18.63	19.50
EDGE 1 Tx slot	22.02	22.47	22.12	22.50	13.02	13.47	13.12	13.50
EDGE 2 Tx slots	20.51	20.84	20.74	21.50	14.51	14.84	14.74	15.50
EDGE 3 Tx slots	18.55	18.98	18.57	20.00	14.29	14.72	14.31	15.74
EDGE 4 Tx slots	17.51	17.82	17.75	18.50	14.51	14.82	14.75	15.50

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	17.11	17.12	16.93	17.50	18.09	18.14	18.11	18.50
3GPP Rel 99	RMC 12.2Kbps	17.15	17.26	16.95	17.50	18.16	18.21	18.13	18.50
3GPP Rel 6	HSDPA Subtest-1	16.06	16.18	16.11	16.50	16.98	17.02	17.11	17.50
3GPP Rel 6	HSDPA Subtest-2	16.14	16.17	16.12	16.50	17.02	17.04	17.16	17.50
3GPP Rel 6	HSDPA Subtest-3	15.62	15.68	15.62	16.00	16.52	16.50	16.62	17.00
3GPP Rel 6	HSDPA Subtest-4	15.62	15.66	15.59	16.00	16.50	16.52	16.65	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.99	16.17	16.09	16.50	16.91	17.01	17.09	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.07	16.16	16.10	16.50	16.95	17.03	17.14	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.55	15.67	15.60	16.00	16.45	16.49	16.60	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.55	15.65	15.57	16.00	16.43	16.51	16.63	17.00
3GPP Rel 6	HSUPA Subtest-1	16.11	16.16	16.09	16.50	17.01	17.04	17.11	17.50
3GPP Rel 6	HSUPA Subtest-2	14.08	14.23	14.04	14.50	15.02	15.04	15.12	15.50
3GPP Rel 6	HSUPA Subtest-3	15.10	15.15	15.10	15.50	15.98	16.09	16.10	16.50
3GPP Rel 6	HSUPA Subtest-4	14.14	14.16	14.13	14.50	15.02	15.08	15.10	15.50
3GPP Rel 6	HSUPA Subtest-5	16.10	16.20	16.10	16.50	17.00	17.00	17.10	17.50

Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75	
RC1 SO55					18.16	18.25	18.28	19.00
RC3 SO55					18.12	18.22	18.33	19.00
RC3 SO32 (F+SCH)					18.14	18.24	18.34	19.00
RC3 SO32 (+SCH)					18.10	18.22	18.30	19.00
RTAP 153.6Kbps					18.17	18.27	18.32	19.00
RETAP 4096Bits					18.17	18.24	18.27	19.00

Band 2 (1900MHz Band)
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	14.41	14.46	14.23	15	0
20	QPSK	1	49	14.36	14.21	14.22		
20	QPSK	1	99	14.23	14.22	14.42		
20	QPSK	50	0	14.23	14.35	14.22	15	0
20	QPSK	50	24	14.31	14.22	14.32		
20	QPSK	50	50	14.33	13.96	14.02		
20	QPSK	100	0	14.32	14.33	14.23		
20	16QAM	1	0	14.33	14.35	14.45	15	0
20	16QAM	1	49	14.28	14.31	14.33		
20	16QAM	1	99	14.17	14.27	14.35		
20	16QAM	50	0	13.90	13.96	13.98	15	0
20	16QAM	50	24	14.03	14.03	14.06		
20	16QAM	50	50	13.99	14.05	14.11		
20	16QAM	100	0	13.96	13.93	13.99		
20	64QAM	1	0	14.16	14.29	14.42	15	0
20	64QAM	1	49	14.00	14.14	14.00		
20	64QAM	1	99	14.07	14.25	14.31		
20	64QAM	50	0	13.87	13.95	13.97	15	0
20	64QAM	50	24	14.02	14.01	14.04		
20	64QAM	50	50	13.96	14.03	14.08		
20	64QAM	100	0	13.95	13.97	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.23	14.22	14.32	15	0
15	QPSK	1	37	13.88	13.96	14.31		
15	QPSK	1	74	14.33	13.92	13.94		
15	QPSK	36	0	13.88	13.96	13.98	15	0
15	QPSK	36	20	13.99	14.07	14.14		
15	QPSK	36	39	13.98	14.03	14.08		
15	QPSK	75	0	13.95	13.93	13.99		
15	16QAM	1	0	14.12	14.34	14.36	15	0
15	16QAM	1	37	14.22	14.28	14.29		
15	16QAM	1	74	14.10	14.28	14.38		
15	16QAM	36	0	13.89	13.96	13.96	15	0
15	16QAM	36	20	14.03	14.02	14.14		
15	16QAM	36	39	14.00	14.10	14.12		
15	16QAM	75	0	14.00	14.01	14.03		
15	64QAM	1	0	13.98	14.20	14.41	15	0
15	64QAM	1	37	14.15	14.20	14.25		
15	64QAM	1	74	14.04	14.20	14.34		
15	64QAM	36	0	13.90	13.96	13.99	15	0
15	64QAM	36	20	14.01	14.02	14.12		
15	64QAM	36	39	14.00	14.07	14.12		
15	64QAM	75	0	14.00	13.98	14.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.22	14.21	14.22	15	0
10	QPSK	1	25	13.86	13.95	13.96		
10	QPSK	1	49	14.32	14.21	13.97		
10	QPSK	25	0	13.91	13.91	13.96	15	0
10	QPSK	25	12	13.98	13.97	14.05		
10	QPSK	25	25	13.86	13.94	14.01		
10	QPSK	50	0	13.93	13.87	13.96		
10	16QAM	1	0	14.02	14.06	14.11	15	0
10	16QAM	1	25	14.32	14.40	14.44		
10	16QAM	1	49	14.02	14.14	14.40		
10	16QAM	25	0	13.97	13.96	13.99	15	0
10	16QAM	25	12	14.03	14.05	14.10		
10	16QAM	25	25	13.91	13.99	14.04		
10	16QAM	50	0	13.95	13.93	13.98		
10	64QAM	1	0	13.96	14.03	14.12	15	0
10	64QAM	1	25	14.35	14.39	14.12		
10	64QAM	1	49	14.05	14.14	14.21		
10	64QAM	25	0	13.99	13.99	14.01	15	0
10	64QAM	25	12	14.07	14.07	14.11		
10	64QAM	25	25	13.91	14.03	14.02		
10	64QAM	50	0	13.93	13.98	13.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.21	14.23	14.26	15	0
5	QPSK	1	12	14.21	14.00	14.23		
5	QPSK	1	24	13.82	13.84	13.89		
5	QPSK	12	0	14.00	13.98	14.09	15	0
5	QPSK	12	7	14.03	14.10	14.14		
5	QPSK	12	13	13.98	14.04	14.09		
5	QPSK	25	0	13.97	14.00	14.07		
5	16QAM	1	0	14.23	14.28	14.36	15	0
5	16QAM	1	12	14.28	14.34	14.34		
5	16QAM	1	24	14.18	14.25	14.23		
5	16QAM	12	0	14.08	14.12	14.21	15	0
5	16QAM	12	7	14.08	14.16	14.18		
5	16QAM	12	13	13.99	14.05	14.11		
5	16QAM	25	0	14.01	14.03	14.12		
5	64QAM	1	0	14.17	14.19	14.26	15	0
5	64QAM	1	12	14.20	14.30	14.27		
5	64QAM	1	24	14.06	14.14	14.17		
5	64QAM	12	0	14.04	14.08	14.17	15	0
5	64QAM	12	7	14.04	14.16	14.15		
5	64QAM	12	13	13.98	14.04	14.09		
5	64QAM	25	0	14.02	14.05	14.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.91	13.91	14.02	15	0
3	QPSK	1	8	14.00	14.10	14.12		
3	QPSK	1	14	13.86	13.99	13.97		
3	QPSK	8	0	14.01	14.01	14.13	15	0
3	QPSK	8	4	14.04	14.11	14.18		
3	QPSK	8	7	14.02	14.06	14.11		
3	QPSK	15	0	14.02	14.03	14.12		
3	16QAM	1	0	14.31	14.42	14.42	15	0
3	16QAM	1	8	14.37	14.45	14.41		
3	16QAM	1	14	14.24	14.33	14.35		
3	16QAM	8	0	14.14	14.18	14.24	15	0
3	16QAM	8	4	14.12	14.21	14.21		
3	16QAM	8	7	14.06	14.18	14.18		
3	16QAM	15	0	14.07	14.11	14.19		
3	64QAM	1	0	14.25	14.24	14.36	15	0
3	64QAM	1	8	14.23	14.35	14.34		
3	64QAM	1	14	14.09	14.25	14.27		
3	64QAM	8	0	14.13	14.12	14.24	15	0
3	64QAM	8	4	14.10	14.18	14.21		
3	64QAM	8	7	14.03	14.11	14.14		
3	64QAM	15	0	14.08	14.10	14.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.85	13.90	13.93	15	0
1.4	QPSK	1	3	13.92	13.97	14.02		
1.4	QPSK	1	5	13.87	13.89	13.90		
1.4	QPSK	3	0	13.91	13.96	13.96		
1.4	QPSK	3	1	13.95	14.01	14.04		
1.4	QPSK	3	3	13.88	13.94	13.98		
1.4	QPSK	6	0	13.98	14.01	14.06	15	0
1.4	16QAM	1	0	14.23	14.30	14.30	15	0
1.4	16QAM	1	3	14.30	14.36	14.35		
1.4	16QAM	1	5	14.19	14.23	14.23		
1.4	16QAM	3	0	13.99	14.10	14.06		
1.4	16QAM	3	1	14.05	14.13	14.13		
1.4	16QAM	3	3	13.96	14.06	14.02		
1.4	16QAM	6	0	14.08	14.12	14.17	15	0
1.4	64QAM	1	0	14.14	14.26	14.27	15	0
1.4	64QAM	1	3	14.18	14.24	14.26		
1.4	64QAM	1	5	14.10	14.17	14.17		
1.4	64QAM	3	0	14.06	14.17	14.11		
1.4	64QAM	3	1	14.11	14.21	14.18		
1.4	64QAM	3	3	14.02	14.07	14.08		
1.4	64QAM	6	0	13.97	14.06	14.05	15	0

Band 4 (AWS Band)
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	14.30	14.56	14.56	15.5	0
20	QPSK	1	49	14.42	14.56	14.46		
20	QPSK	1	99	14.19	14.17	14.30		
20	QPSK	50	0	14.29	14.33	14.19	15.5	0
20	QPSK	50	24	14.31	14.34	14.19		
20	QPSK	50	50	14.07	14.18	14.16		
20	QPSK	100	0	14.31	14.18	14.10		
20	16QAM	1	0	14.29	14.25	14.55	15.5	0
20	16QAM	1	49	14.52	14.50	14.46		
20	16QAM	1	99	14.24	14.13	14.31		
20	16QAM	50	0	14.16	14.33	14.27	15.5	0
20	16QAM	50	24	14.32	14.29	14.23		
20	16QAM	50	50	14.24	14.23	14.14		
20	16QAM	100	0	14.23	14.29	14.15		
20	64QAM	1	0	14.03	14.18	14.24	15.5	0
20	64QAM	1	49	14.08	14.45	14.11		
20	64QAM	1	99	13.94	14.07	14.04		
20	64QAM	50	0	14.26	14.24	14.21	15.5	0
20	64QAM	50	24	14.37	14.31	14.24		
20	64QAM	50	50	14.18	14.25	14.18		
20	64QAM	100	0	14.25	14.20	14.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.40	14.43	14.55	15.5	0
15	QPSK	1	37	14.47	14.50	14.40		
15	QPSK	1	74	14.22	14.38	14.37		
15	QPSK	36	0	14.25	14.29	14.24	15.5	0
15	QPSK	36	20	14.34	14.27	14.26		
15	QPSK	36	39	14.20	14.30	14.20		
15	QPSK	75	0	14.27	14.23	14.20		
15	16QAM	1	0	14.53	14.25	14.56	15.5	0
15	16QAM	1	37	14.49	14.39	14.49		
15	16QAM	1	74	14.33	14.48	14.36		
15	16QAM	36	0	14.32	14.32	14.26	15.5	0
15	16QAM	36	20	14.29	14.33	14.26		
15	16QAM	36	39	14.24	14.28	14.13		
15	16QAM	75	0	14.34	14.27	14.19		
15	64QAM	1	0	14.25	14.50	14.23	15.5	0
15	64QAM	1	37	14.38	14.50	14.22		
15	64QAM	1	74	14.25	14.24	14.18		
15	64QAM	36	0	14.25	14.38	14.23	15.5	0
15	64QAM	36	20	14.34	14.28	14.29		
15	64QAM	36	39	14.27	14.29	14.18		
15	64QAM	75	0	14.28	14.33	14.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.18	14.51	14.21	15.5	0
10	QPSK	1	25	14.34	14.44	14.42		
10	QPSK	1	49	14.40	14.24	14.36		
10	QPSK	25	0	14.17	14.25	14.17	15.5	0
10	QPSK	25	12	14.23	14.24	14.18		
10	QPSK	25	25	14.17	14.22	14.15		
10	QPSK	50	0	14.17	14.25	14.16		
10	16QAM	1	0	14.29	14.27	14.23	15.5	0
10	16QAM	1	25	14.52	14.52	14.50		
10	16QAM	1	49	14.21	14.31	14.21		
10	16QAM	25	0	14.21	14.16	14.07	15.5	0
10	16QAM	25	12	14.32	14.24	14.14		
10	16QAM	25	25	14.11	14.23	14.05		
10	16QAM	50	0	14.21	14.14	14.03		
10	64QAM	1	0	14.24	14.21	14.19	15.5	0
10	64QAM	1	25	14.41	14.56	14.30		
10	64QAM	1	49	14.17	14.22	14.05		
10	64QAM	25	0	14.26	14.20	14.10	#VALUE!	
10	64QAM	25	12	14.27	14.29	14.20		
10	64QAM	25	25	14.12	14.17	14.08		
10	64QAM	50	0	14.21	14.14	14.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.47	14.46	14.41	15.5	0
5	QPSK	1	12	14.45	14.59	14.46		
5	QPSK	1	24	14.31	14.42	14.29		
5	QPSK	12	0	14.31	14.31	14.23	15.5	0
5	QPSK	12	7	14.23	14.31	14.27		
5	QPSK	12	13	14.17	14.25	14.17		
5	QPSK	25	0	14.26	14.24	14.20		
5	16QAM	1	0	14.45	14.52	14.48	15.5	0
5	16QAM	1	12	14.44	14.47	14.57		
5	16QAM	1	24	14.42	14.38	14.40		
5	16QAM	12	0	14.32	14.34	14.34	15.5	0
5	16QAM	12	7	14.30	14.26	14.29		
5	16QAM	12	13	14.24	14.24	14.17		
5	16QAM	25	0	14.25	14.29	14.23		
5	64QAM	1	0	14.43	14.40	14.40	15.5	0
5	64QAM	1	12	14.45	14.46	14.51		
5	64QAM	1	24	14.24	14.37	14.30		
5	64QAM	12	0	14.30	14.26	14.24	15.5	0
5	64QAM	12	7	14.30	14.26	14.21		
5	64QAM	12	13	14.18	14.25	14.14		
5	64QAM	25	0	14.25	14.23	14.19		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.35	14.36	14.30	15.5	0
3	QPSK	1	8	14.32	14.41	14.29		
3	QPSK	1	14	14.22	14.32	14.22		
3	QPSK	8	0	14.30	14.32	14.30	15.5	0
3	QPSK	8	4	14.30	14.30	14.31		
3	QPSK	8	7	14.24	14.29	14.21		
3	QPSK	15	0	14.26	14.29	14.27		
3	16QAM	1	0	14.55	14.12	14.49	15.5	0
3	16QAM	1	8	14.56	14.36	14.58		
3	16QAM	1	14	14.43	14.47	14.42		
3	16QAM	8	0	14.40	14.37	14.39	15.5	0
3	16QAM	8	4	14.39	14.33	14.39		
3	16QAM	8	7	14.31	14.32	14.31		
3	16QAM	15	0	14.31	14.27	14.44		
3	64QAM	1	0	14.51	14.45	14.39	15.5	0
3	64QAM	1	8	14.53	14.51	14.31		
3	64QAM	1	14	14.39	14.42	14.24		
3	64QAM	8	0	14.35	14.32	14.50	15.5	0
3	64QAM	8	4	14.32	14.29	14.42		
3	64QAM	8	7	14.25	14.29	14.48		
3	64QAM	15	0	14.28	14.27	14.22		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.21	14.21	14.24	15.5	0
1.4	QPSK	1	3	14.27	14.29	14.24		
1.4	QPSK	1	5	14.16	14.26	14.14		
1.4	QPSK	3	0	14.17	14.17	14.10		
1.4	QPSK	3	1	14.19	14.23	14.15		
1.4	QPSK	3	3	14.14	14.17	14.07		
1.4	QPSK	6	0	14.17	14.17	14.16	15.5	0
1.4	16QAM	1	0	14.49	14.45	14.47	15.5	0
1.4	16QAM	1	3	14.52	14.52	14.48		
1.4	16QAM	1	5	14.40	14.48	14.45		
1.4	16QAM	3	0	14.23	14.20	14.36		
1.4	16QAM	3	1	14.28	14.31	14.25		
1.4	16QAM	3	3	14.21	14.20	14.12		
1.4	16QAM	6	0	14.27	14.24	14.13	15.5	0
1.4	64QAM	1	0	14.42	14.38	14.48	15.5	0
1.4	64QAM	1	3	14.47	14.46	14.38		
1.4	64QAM	1	5	14.34	14.36	14.36		
1.4	64QAM	3	0	14.31	14.28	14.32		
1.4	64QAM	3	1	14.38	14.40	14.36		
1.4	64QAM	3	3	14.21	14.31	14.25		
1.4	64QAM	6	0	14.21	14.20	14.22	15.5	0

Band 5 (Celluar Band)
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	20.27	20.29	20.13	20.5	0
10	QPSK	1	25	20.25	20.13	20.25		
10	QPSK	1	49	20.23	20.27	20.14		
10	QPSK	25	0	20.13	20.28	20.13	20.5	0
10	QPSK	25	12	20.25	20.27	20.13		
10	QPSK	25	25	20.05	19.92	20.16		
10	QPSK	50	0	20.05	20.06	19.83		
10	16QAM	1	0	20.28	20.03	20.03	20.5	0
10	16QAM	1	25	20.24	20.22	20.13		
10	16QAM	1	49	20.13	20.03	20.10		
10	16QAM	25	0	20.07	20.01	19.94	20.5	0
10	16QAM	25	12	20.17	19.97	20.03		
10	16QAM	25	25	20.07	20.10	19.98		
10	16QAM	50	0	20.15	19.89	20.08		
10	64QAM	1	0	19.92	20.13	19.92	20.5	0
10	64QAM	1	25	19.87	19.93	19.84		
10	64QAM	1	49	19.98	19.83	19.83		
10	64QAM	25	0	20.22	20.05	20.04	20.5	0
10	64QAM	25	12	20.22	20.08	20.04		
10	64QAM	25	25	20.07	20.22	19.99		
10	64QAM	50	0	20.07	20.03	19.94		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	19.78	19.72	20.5	0
5	QPSK	1	12	20.03	19.89	19.77		
5	QPSK	1	24	19.91	19.87	19.69		
5	QPSK	12	0	20.08	19.88	19.75	20.5	0
5	QPSK	12	7	20.13	20.01	19.76		
5	QPSK	12	13	20.04	19.99	19.75		
5	QPSK	25	0	20.07	19.91	19.80		
5	16QAM	1	0	20.02	20.03	20.06	20.5	0
5	16QAM	1	12	20.16	20.18	20.14		
5	16QAM	1	24	20.13	20.03	20.13		
5	16QAM	12	0	20.21	20.03	19.96	20.5	0
5	16QAM	12	7	20.24	20.14	19.95		
5	16QAM	12	13	20.27	20.09	19.97		
5	16QAM	25	0	20.25	20.07	19.99		
5	64QAM	1	0	19.86	19.72	19.65	20.5	0
5	64QAM	1	12	20.00	19.86	19.74		
5	64QAM	1	24	19.90	19.73	20.00		
5	64QAM	12	0	20.11	20.00	19.95	20.5	0
5	64QAM	12	7	20.25	20.17	19.96		
5	64QAM	12	13	20.12	20.02	19.95		
5	64QAM	25	0	20.21	20.10	19.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.91	19.78	19.78	20.5	0
3	QPSK	1	8	20.02	19.91	19.78		
3	QPSK	1	14	19.95	19.82	19.70		
3	QPSK	8	0	20.13	19.89	19.83	20.5	0
3	QPSK	8	4	20.11	19.98	19.85		
3	QPSK	8	7	20.00	20.01	19.84		
3	QPSK	15	0	20.04	20.01	19.82		
3	16QAM	1	0	20.06	20.13	20.04	20.5	0
3	16QAM	1	8	20.02	20.17	20.14		
3	16QAM	1	14	19.98	20.05	19.87		
3	16QAM	8	0	20.19	20.18	20.05	20.5	0
3	16QAM	8	4	20.28	20.24	19.96		
3	16QAM	8	7	20.18	20.19	19.89		
3	16QAM	15	0	20.28	20.12	19.93		
3	64QAM	1	0	19.94	19.86	19.92	20.5	0
3	64QAM	1	8	20.09	19.96	19.85		
3	64QAM	1	14	19.96	19.81	19.92		
3	64QAM	8	0	20.23	20.09	19.92	20.5	0
3	64QAM	8	4	20.25	20.12	19.96		
3	64QAM	8	7	20.11	20.04	20.11		
3	64QAM	15	0	20.19	20.04	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.87	19.87	19.61	20.5	0
1.4	QPSK	1	3	19.95	19.86	19.73		
1.4	QPSK	1	5	19.91	19.75	19.65		
1.4	QPSK	3	0	19.94	19.80	19.57		
1.4	QPSK	3	1	19.99	19.91	19.74		
1.4	QPSK	3	3	20.04	19.80	19.63		
1.4	QPSK	6	0	20.01	19.92	19.72	20.5	0
1.4	16QAM	1	0	20.03	20.25	19.98	20.5	0
1.4	16QAM	1	3	20.25	20.03	20.03		
1.4	16QAM	1	5	20.06	20.22	20.03		
1.4	16QAM	3	0	20.06	20.00	19.63		
1.4	16QAM	3	1	20.10	19.97	19.83		
1.4	16QAM	3	3	20.06	19.72	19.79		
1.4	16QAM	6	0	20.20	20.02	19.94	20.5	0
1.4	64QAM	1	0	19.74	19.84	19.82	20.5	0
1.4	64QAM	1	3	19.73	20.17	19.98		
1.4	64QAM	1	5	19.82	19.74	19.85		
1.4	64QAM	3	0	19.79	19.72	19.61		
1.4	64QAM	3	1	19.74	19.97	19.83		
1.4	64QAM	3	3	19.93	19.92	19.57		
1.4	64QAM	6	0	20.20	20.06	19.86	20.5	0

Band 7 (2600MHz Band)
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	12.48	12.60	12.37	13.5	0
20	QPSK	1	49	12.43	12.40	12.42		
20	QPSK	1	99	12.37	12.33	12.47		
20	QPSK	50	0	12.50	12.57	12.47	13.5	0
20	QPSK	50	24	12.50	12.56	12.50		
20	QPSK	50	50	12.50	12.49	12.48		
20	QPSK	100	0	12.46	12.48	12.40		
20	16QAM	1	0	12.34	12.39	12.39	13.5	0
20	16QAM	1	49	12.39	12.41	12.38		
20	16QAM	1	99	12.48	12.48	12.38		
20	16QAM	50	0	12.12	12.18	12.19	13.5	0
20	16QAM	50	24	12.20	12.17	12.22		
20	16QAM	50	50	12.29	12.24	12.16		
20	16QAM	100	0	12.10	12.12	12.07		
20	64QAM	1	0	12.24	12.19	12.29	13.5	0
20	64QAM	1	49	12.37	12.32	12.21		
20	64QAM	1	99	12.30	12.40	12.20		
20	64QAM	50	0	12.04	12.13	12.19	13.5	0
20	64QAM	50	24	12.24	12.22	12.14		
20	64QAM	50	50	12.22	12.25	12.16		
20	64QAM	100	0	12.10	12.05	12.09		
Channel				20925	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.05	12.05	12.17	13.5	0
15	QPSK	1	37	12.11	12.12	12.14		
15	QPSK	1	74	12.16	12.18	12.07		
15	QPSK	36	0	12.20	12.14	12.20	13.5	0
15	QPSK	36	20	12.29	12.26	12.17		
15	QPSK	36	39	12.27	12.25	12.15		
15	QPSK	75	0	12.17	12.08	12.17		
15	16QAM	1	0	12.41	12.39	12.39	13.5	0
15	16QAM	1	37	12.40	12.46	12.40		
15	16QAM	1	74	12.38	12.40	12.34		
15	16QAM	36	0	12.24	12.20	12.15	13.5	0
15	16QAM	36	20	12.24	12.22	12.18		
15	16QAM	36	39	12.23	12.15	12.16		
15	16QAM	75	0	12.26	12.16	12.09		
15	64QAM	1	0	12.25	12.21	12.31	13.5	0
15	64QAM	1	37	12.28	12.23	12.32		
15	64QAM	1	74	12.46	12.39	12.21		
15	64QAM	36	0	12.18	12.21	12.12	13.5	0
15	64QAM	36	20	12.21	12.16	12.19		
15	64QAM	36	39	12.29	12.25	12.12		
15	64QAM	75	0	12.18	12.19	12.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.12	12.17	12.15	13.5	0
10	QPSK	1	25	12.05	12.14	12.16		
10	QPSK	1	49	12.14	12.18	12.07		
10	QPSK	25	0	12.16	12.26	12.19	13.5	0
10	QPSK	25	12	12.18	12.17	12.17		
10	QPSK	25	25	12.23	12.24	12.12		
10	QPSK	50	0	12.11	12.16	12.09		
10	16QAM	1	0	12.38	12.45	12.39	13.5	0
10	16QAM	1	25	12.50	12.50	12.37		
10	16QAM	1	49	12.42	12.59	12.44		
10	16QAM	25	0	12.17	12.20	12.13	13.5	0
10	16QAM	25	12	12.26	12.27	12.12		
10	16QAM	25	25	12.19	12.29	12.13		
10	16QAM	50	0	12.09	12.10	12.17		
10	64QAM	1	0	12.46	12.51	12.36	13.5	0
10	64QAM	1	25	12.45	12.21	12.39		
10	64QAM	1	49	12.46	12.49	12.49		
10	64QAM	25	0	12.24	12.27	12.13	13.5	0
10	64QAM	25	12	12.21	12.29	12.13		
10	64QAM	25	25	12.17	12.20	12.15		
10	64QAM	50	0	12.16	12.17	12.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.19	12.16	12.13	13.5	0
5	QPSK	1	12	12.14	12.24	12.14		
5	QPSK	1	24	12.14	12.13	12.15		
5	QPSK	12	0	12.23	12.19	12.06	13.5	0
5	QPSK	12	7	12.21	12.36	12.14		
5	QPSK	12	13	12.16	12.14	12.10		
5	QPSK	25	0	12.26	12.20	12.11		
5	16QAM	1	0	12.46	12.53	12.40	13.5	0
5	16QAM	1	12	12.45	12.48	12.39		
5	16QAM	1	24	12.55	12.52	12.37		
5	16QAM	12	0	12.18	12.27	12.16	13.5	0
5	16QAM	12	7	12.21	12.29	12.16		
5	16QAM	12	13	12.22	12.27	12.11		
5	16QAM	25	0	12.19	12.24	12.12		
5	64QAM	1	0	12.35	12.42	12.26	13.5	0
5	64QAM	1	12	12.42	12.52	12.32		
5	64QAM	1	24	12.35	12.42	12.30		
5	64QAM	12	0	12.13	12.19	12.11	13.5	0
5	64QAM	12	7	12.24	12.34	12.12		
5	64QAM	12	13	12.14	12.25	12.11		
5	64QAM	25	0	12.18	12.16	12.11		

Band 12 (700MHz Low Band)
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	21.90	22.16	21.95	22.5	0
10	QPSK	1	25	21.82	21.89	22.01		
10	QPSK	1	49	21.96	21.93	22.10		
10	QPSK	25	0	21.60	21.93	21.64	22.5	0
10	QPSK	25	12	21.78	21.80	21.92		
10	QPSK	25	25	21.87	21.81	21.85		
10	QPSK	50	0	21.76	21.83	21.81		
10	16QAM	1	0	21.83	21.84	21.80	22.5	0
10	16QAM	1	25	21.72	21.78	22.00		
10	16QAM	1	49	21.73	22.11	21.80		
10	16QAM	25	0	21.35	21.40	21.30	22	0.5
10	16QAM	25	12	21.54	21.55	21.59		
10	16QAM	25	25	21.58	21.63	21.43		
10	16QAM	50	0	21.46	21.73	21.39		
10	64QAM	1	0	21.72	21.68	21.89	22	0.5
10	64QAM	1	25	21.74	21.76	21.71		
10	64QAM	1	49	21.93	21.98	21.72		
10	64QAM	25	0	20.47	20.48	20.31	21	1.5
10	64QAM	25	12	20.62	20.57	20.64		
10	64QAM	25	25	20.56	20.57	20.40		
10	64QAM	50	0	20.51	20.47	20.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.76	21.83	21.96	22.5	0
5	QPSK	1	12	21.89	21.87	21.82		
5	QPSK	1	24	21.90	21.71	21.80		
5	QPSK	12	0	21.73	21.73	21.69	22.5	0
5	QPSK	12	7	21.73	21.77	21.71		
5	QPSK	12	13	21.71	21.79	21.71		
5	QPSK	25	0	21.86	21.98	22.04	22.5	0
5	16QAM	1	0	21.89	21.89	21.71		
5	16QAM	1	12	21.86	21.98	22.04		
5	16QAM	1	24	21.89	21.89	21.71		
5	16QAM	12	0	21.58	21.59	21.42	22	0.5
5	16QAM	12	7	21.49	21.49	21.51		
5	16QAM	12	13	21.51	21.67	21.43		
5	16QAM	25	0	21.86	21.98	21.89		
5	64QAM	1	0	21.38	21.34	21.35	22	0.5
5	64QAM	1	12	21.43	21.39	21.77		
5	64QAM	1	24	21.41	21.50	21.39		
5	64QAM	12	0	20.54	20.55	20.49	21	1.5
5	64QAM	12	7	20.48	20.53	20.45		
5	64QAM	12	13	20.46	20.61	20.55		
5	64QAM	25	0	20.45	20.55	20.45		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.01	21.90	21.85	22.5	0
3	QPSK	1	8	21.96	21.99	22.01		
3	QPSK	1	14	21.86	22.01	21.85		
3	QPSK	8	0	21.70	21.79	21.71	22.5	0
3	QPSK	8	4	21.80	21.78	21.83		
3	QPSK	8	7	21.83	21.86	21.75		
3	QPSK	15	0	21.79	21.79	21.78		
3	16QAM	1	0	21.95	22.15	22.04	22.5	0
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.95	22.15	22.04		
3	16QAM	8	0	21.45	21.61	21.41	22	0.5
3	16QAM	8	4	21.62	21.50	21.63		
3	16QAM	8	7	21.52	21.69	21.57		
3	16QAM	15	0	21.50	21.57	21.48		
3	64QAM	1	0	21.76	21.46	21.40	22	0.5
3	64QAM	1	8	21.80	21.65	21.57		
3	64QAM	1	14	21.48	21.47	21.76		
3	64QAM	8	0	20.56	20.54	20.48	21	1.5
3	64QAM	8	4	20.53	20.56	20.73		
3	64QAM	8	7	20.68	20.77	20.69		
3	64QAM	15	0	20.45	20.53	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.76	21.83	21.82	22.5	0
1.4	QPSK	1	3	21.91	21.91	21.81		
1.4	QPSK	1	5	21.83	21.90	21.70		
1.4	QPSK	3	0	21.79	21.78	21.74		
1.4	QPSK	3	1	21.83	21.76	21.79		
1.4	QPSK	3	3	21.74	21.87	21.72		
1.4	QPSK	6	0	21.69	21.75	21.60	22.5	0
1.4	16QAM	1	0	21.83	21.90	21.70	22.5	0
1.4	16QAM	1	3	21.79	21.78	21.74		
1.4	16QAM	1	5	21.83	21.76	21.79		
1.4	16QAM	3	0	21.78	21.77	21.70		
1.4	16QAM	3	1	21.83	21.90	21.70		
1.4	16QAM	3	3	21.79	21.78	21.74		
1.4	16QAM	6	0	21.83	21.76	21.79	22	0.5
1.4	64QAM	1	0	21.60	21.40	21.88	22	0.5
1.4	64QAM	1	3	21.46	21.82	21.53		
1.4	64QAM	1	5	21.58	21.52	21.53		
1.4	64QAM	3	0	21.58	21.57	21.54		
1.4	64QAM	3	1	21.61	21.44	21.74		
1.4	64QAM	3	3	21.65	21.64	21.50		
1.4	64QAM	6	0	20.75	20.77	20.75	21	1.5

Band 25 (1900MHz Band)
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	16.36	16.47	16.41	17	0
20	QPSK	1	49	16.16	16.30	16.17		
20	QPSK	1	99	16.33	16.28	16.15		
20	QPSK	50	0	16.37	16.45	16.26	17	0
20	QPSK	50	24	16.44	16.40	16.31		
20	QPSK	50	50	16.39	16.37	16.36		
20	QPSK	100	0	16.33	16.40	16.33		
20	16QAM	1	0	16.30	16.30	16.38	17	0
20	16QAM	1	49	16.24	16.05	16.39		
20	16QAM	1	99	16.05	16.24	16.08		
20	16QAM	50	0	16.02	16.16	16.05	17	0
20	16QAM	50	24	16.03	16.22	16.04		
20	16QAM	50	50	16.07	16.13	16.08		
20	16QAM	100	0	16.06	16.03	16.01		
20	64QAM	1	0	16.14	16.24	16.19	17	0
20	64QAM	1	49	16.03	16.06	15.99		
20	64QAM	1	99	16.06	16.23	16.32		
20	64QAM	50	0	16.05	16.08	15.99	17	0
20	64QAM	50	24	16.02	16.16	16.01		
20	64QAM	50	50	16.01	16.16	16.10		
20	64QAM	100	0	16.02	16.16	16.05		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.74	15.96	16.03	17	0
15	QPSK	1	37	15.91	16.06	15.91		
15	QPSK	1	74	15.78	16.01	15.88		
15	QPSK	36	0	16.06	16.00	15.96	17	0
15	QPSK	36	20	16.16	16.22	16.09		
15	QPSK	36	39	16.04	16.19	16.06		
15	QPSK	75	0	16.08	16.09	15.93		
15	16QAM	1	0	16.23	16.15	16.20	17	0
15	16QAM	1	37	16.22	16.10	16.21		
15	16QAM	1	74	16.06	16.40	16.19		
15	16QAM	36	0	15.95	16.00	15.88	17	0
15	16QAM	36	20	16.07	16.12	16.06		
15	16QAM	36	39	16.03	16.20	16.03		
15	16QAM	75	0	16.08	16.12	16.03		
15	64QAM	1	0	15.88	16.10	16.13	17	0
15	64QAM	1	37	15.89	16.08	15.77		
15	64QAM	1	74	15.93	15.99	16.17		
15	64QAM	36	0	15.90	16.11	15.92	17	0
15	64QAM	36	20	16.06	16.03	16.08		
15	64QAM	36	39	15.95	16.17	16.06		
15	64QAM	75	0	15.97	16.11	16.11		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.62	15.81	16.02	17	0
10	QPSK	1	25	15.87	16.01	16.07		
10	QPSK	1	49	15.70	15.63	15.86		
10	QPSK	25	0	15.88	15.89	15.88	17	0
10	QPSK	25	12	16.11	16.12	15.91		
10	QPSK	25	25	15.99	16.05	15.94		
10	QPSK	50	0	15.97	16.03	16.00		
10	16QAM	1	0	16.05	16.36	16.28	17	0
10	16QAM	1	25	16.28	16.27	16.36		
10	16QAM	1	49	16.16	16.05	16.22		
10	16QAM	25	0	15.98	15.91	15.83	17	0
10	16QAM	25	12	16.11	16.15	16.06		
10	16QAM	25	25	15.94	15.93	15.94		
10	16QAM	50	0	16.16	16.11	15.89		
10	64QAM	1	0	15.71	15.90	15.88	17	0
10	64QAM	1	25	16.14	15.93	15.88		
10	64QAM	1	49	15.82	16.10	15.83		
10	64QAM	25	0	16.00	15.87	15.99	17	0
10	64QAM	25	12	15.92	16.17	16.11		
10	64QAM	25	25	16.05	16.01	16.15		
10	64QAM	50	0	16.01	16.05	15.99		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.97	15.97	16.11	17	0
5	QPSK	1	12	15.95	16.19	15.98		
5	QPSK	1	24	16.00	16.13	15.97		
5	QPSK	12	0	16.10	16.10	15.96	17	0
5	QPSK	12	7	16.17	16.20	16.12		
5	QPSK	12	13	16.12	16.19	16.00		
5	QPSK	25	0	16.19	16.18	16.03		
5	16QAM	1	0	16.19	16.23	16.17	17	0
5	16QAM	1	12	16.39	16.40	16.07		
5	16QAM	1	24	16.17	16.45	16.25		
5	16QAM	12	0	16.19	16.19	16.05	17	0
5	16QAM	12	7	16.30	16.23	16.02		
5	16QAM	12	13	16.26	16.14	16.12		
5	16QAM	25	0	16.18	16.19	16.00		
5	64QAM	1	0	16.14	16.17	16.11	17	0
5	64QAM	1	12	16.36	16.25	15.98		
5	64QAM	1	24	16.06	16.00	16.24		
5	64QAM	12	0	16.17	16.26	16.03	17	0
5	64QAM	12	7	16.04	16.00	16.17		
5	64QAM	12	13	16.10	16.37	15.98		
5	64QAM	25	0	16.03	16.19	16.26		
Channel				26035	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.05	16.16	15.94	17	0
3	QPSK	1	8	16.17	16.08	16.06		
3	QPSK	1	14	16.12	16.05	15.99		
3	QPSK	8	0	16.19	16.16	16.10	17	0
3	QPSK	8	4	16.19	16.25	16.08		
3	QPSK	8	7	16.17	16.15	16.13		
3	QPSK	15	0	16.08	16.15	15.97		
3	16QAM	1	0	16.15	16.30	16.17	17	0
3	16QAM	1	8	16.28	16.33	16.13		
3	16QAM	1	14	16.44	16.38	16.21		
3	16QAM	8	0	16.13	16.13	16.18	17	0
3	16QAM	8	4	16.29	16.31	16.02		
3	16QAM	8	7	16.24	16.30	16.03		
3	16QAM	15	0	16.15	16.24	16.10		
3	64QAM	1	0	16.22	16.18	16.23	17	0
3	64QAM	1	8	16.13	16.14	16.46		
3	64QAM	1	14	16.08	16.15	16.10		
3	64QAM	8	0	16.26	15.99	16.12	17	0
3	64QAM	8	4	16.30	16.30	16.13		
3	64QAM	8	7	16.01	16.12	15.94		
3	64QAM	15	0	16.18	16.16	16.03		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.75	15.80	15.72	17	0
1.4	QPSK	1	3	15.94	15.96	15.80		
1.4	QPSK	1	5	15.78	15.96	15.83		
1.4	QPSK	3	0	15.95	15.94	15.78		
1.4	QPSK	3	1	15.91	15.94	15.81		
1.4	QPSK	3	3	15.99	15.93	15.73		
1.4	QPSK	6	0	15.98	16.00	15.83	17	0
1.4	16QAM	1	0	16.42	16.29	16.12	17	0
1.4	16QAM	1	3	16.06	16.37	16.06		
1.4	16QAM	1	5	16.01	16.21	16.24		
1.4	16QAM	3	0	15.78	16.01	15.81		
1.4	16QAM	3	1	16.04	16.04	15.85		
1.4	16QAM	3	3	15.84	16.10	15.77		
1.4	16QAM	6	0	16.07	16.05	15.89	17	0
1.4	64QAM	1	0	15.96	16.21	15.97	17	0
1.4	64QAM	1	3	16.01	16.12	15.79		
1.4	64QAM	1	5	16.06	16.19	15.94		
1.4	64QAM	3	0	15.86	16.05	15.80		
1.4	64QAM	3	1	16.18	16.00	15.92		
1.4	64QAM	3	3	16.26	15.96	16.02		
1.4	64QAM	6	0	15.88	15.99	15.81	17	0

Band 26 for FCC (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	22.28	22.40	22.32	23.5	0
15	QPSK	1	37	22.15	22.02	21.92		
15	QPSK	1	74	22.08	21.96	22.02		
15	QPSK	36	0	21.45	21.65	21.24	23	0.5
15	QPSK	36	20	21.61	21.45	21.37		
15	QPSK	36	39	21.48	21.34	21.27		
15	QPSK	75	0	21.52	21.55	21.21		
15	16QAM	1	0	21.89	21.69	21.83	23	0.5
15	16QAM	1	37	21.73	21.65	21.59		
15	16QAM	1	74	21.70	21.54	21.48		
15	16QAM	36	0	20.69	20.53	20.44	22	1.5
15	16QAM	36	20	20.77	20.65	20.55		
15	16QAM	36	39	20.69	20.55	20.44		
15	16QAM	75	0	20.76	20.58	20.43		
15	64QAM	1	0	20.77	20.61	20.50	22	1.5
15	64QAM	1	37	20.62	20.52	20.40		
15	64QAM	1	74	20.59	20.45	20.33		
15	64QAM	36	0	19.69	19.52	19.45	21	2.5
15	64QAM	36	20	19.78	19.65	19.57		
15	64QAM	36	39	19.68	19.55	19.47		
15	64QAM	75	0	19.74	19.59	19.42		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.34	22.12	22.01	23.5	0
10	QPSK	1	25	22.26	22.07	21.97		
10	QPSK	1	49	22.17	22.01	21.87		
10	QPSK	25	0	21.60	21.32	21.20	23	0.5
10	QPSK	25	12	21.64	21.40	21.29		
10	QPSK	25	25	21.56	21.40	21.26		
10	QPSK	50	0	21.57	21.40	21.19		
10	16QAM	1	0	21.99	21.78	21.70	23	0.5
10	16QAM	1	25	21.91	21.77	21.65		
10	16QAM	1	49	21.84	21.72	21.52		
10	16QAM	25	0	20.75	20.54	20.39	22	1.5
10	16QAM	25	12	20.87	20.64	20.53		
10	16QAM	25	25	20.74	20.59	20.48		
10	16QAM	50	0	20.79	20.63	20.41		
10	64QAM	1	0	20.99	20.78	20.70	22	1.5
10	64QAM	1	25	20.92	20.72	20.72		
10	64QAM	1	49	20.87	20.69	20.60		
10	64QAM	25	0	19.75	19.51	19.41	21	2.5
10	64QAM	25	12	19.88	19.64	19.49		
10	64QAM	25	25	19.75	19.61	19.46		
10	64QAM	50	0	19.76	19.63	19.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.28	22.09	21.98	23.5	0
5	QPSK	1	12	22.37	22.12	21.96		
5	QPSK	1	24	22.21	22.10	21.87		
5	QPSK	12	0	21.70	21.41	21.30	23	0.5
5	QPSK	12	7	21.74	21.48	21.33		
5	QPSK	12	13	21.65	21.45	21.28		
5	QPSK	25	0	21.66	21.44	21.29		
5	16QAM	1	0	21.92	21.71	21.64	23	0.5
5	16QAM	1	12	21.98	21.71	21.57		
5	16QAM	1	24	21.88	21.77	21.52		
5	16QAM	12	0	20.92	20.63	20.54	22	1.5
5	16QAM	12	7	20.95	20.72	20.54		
5	16QAM	12	13	20.88	20.66	20.49		
5	16QAM	25	0	20.88	20.66	20.52		
5	64QAM	1	0	20.83	20.67	20.55	22	1.5
5	64QAM	1	12	20.92	20.64	20.47		
5	64QAM	1	24	20.80	20.64	20.44		
5	64QAM	12	0	19.89	19.59	19.48	21	2.5
5	64QAM	12	7	19.92	19.69	19.54		
5	64QAM	12	13	19.89	19.67	19.47		
5	64QAM	25	0	19.87	19.65	19.51		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.34	22.08	21.93	23.5	0
3	QPSK	1	8	22.30	22.15	21.95		
3	QPSK	1	14	22.27	22.06	21.85		
3	QPSK	8	0	21.69	21.40	21.26	23	0.5
3	QPSK	8	4	21.73	21.47	21.32		
3	QPSK	8	7	21.67	21.44	21.26		
3	QPSK	15	0	21.70	21.46	21.29		
3	16QAM	1	0	21.95	21.71	21.55	23	0.5
3	16QAM	1	8	22.00	21.80	21.59		
3	16QAM	1	14	21.90	21.72	21.53		
3	16QAM	8	0	20.99	20.66	20.54	22	1.5
3	16QAM	8	4	21.01	20.75	20.58		
3	16QAM	8	7	20.98	20.71	20.54		
3	16QAM	15	0	20.93	20.69	20.53		
3	64QAM	1	0	20.87	20.61	20.43	22	1.5
3	64QAM	1	8	20.67	20.72	20.55		
3	64QAM	1	14	20.83	20.64	20.44		
3	64QAM	8	0	19.94	19.64	19.52	21	2.5
3	64QAM	8	4	19.96	19.72	19.54		
3	64QAM	8	7	19.93	19.70	19.49		
3	64QAM	15	0	19.93	19.68	19.49		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.32	22.04	22.00	23.5	0
1.4	QPSK	1	3	22.18	22.05	22.04		
1.4	QPSK	1	5	22.30	22.00	21.94		
1.4	QPSK	3	0	22.32	22.05	22.02		
1.4	QPSK	3	1	22.12	22.08	22.03		
1.4	QPSK	3	3	22.31	22.04	22.03		
1.4	QPSK	6	0	21.68	21.39	21.38	23	0.5
1.4	16QAM	1	0	21.94	21.61	21.59	23	0.5
1.4	16QAM	1	3	21.99	21.66	21.70		
1.4	16QAM	1	5	21.95	21.59	21.63		
1.4	16QAM	3	0	21.73	21.45	21.44		
1.4	16QAM	3	1	21.76	21.52	21.30		
1.4	16QAM	3	3	21.72	21.44	21.41		
1.4	16QAM	6	0	20.97	20.68	20.66	22	1.5
1.4	64QAM	1	0	20.86	20.64	20.52	22	1.5
1.4	64QAM	1	3	20.91	20.63	20.64		
1.4	64QAM	1	5	20.86	20.54	20.55		
1.4	64QAM	3	0	20.73	20.47	20.44		
1.4	64QAM	3	1	20.79	20.55	20.51		
1.4	64QAM	3	3	20.72	20.47	20.42		
1.4	64QAM	6	0	19.88	19.62	19.58	21	2.5

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.31		14.5	0
10	QPSK	1	25		14.21			
10	QPSK	1	49		14.22			
10	QPSK	25	0		13.90		14.5	0
10	QPSK	25	12		13.86			
10	QPSK	25	25		13.74			
10	QPSK	50	0		13.77			
10	16QAM	1	0		14.29		14.5	0
10	16QAM	1	25		14.27			
10	16QAM	1	49		14.24			
10	16QAM	25	0		13.88		14.5	0
10	16QAM	25	12		13.97			
10	16QAM	25	25		13.93			
10	16QAM	50	0		13.89			
10	64QAM	1	0		14.30		14.5	0
10	64QAM	1	25		14.30			
10	64QAM	1	49		14.29			
10	64QAM	25	0		13.87		14.5	0
10	64QAM	25	12		13.96			
10	64QAM	25	25		13.94			
10	64QAM	50	0		13.86			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.23	14.22	14.12	14.5	0
5	QPSK	1	12	14.21	14.23	14.10		
5	QPSK	1	24	14.12	14.19	14.12		
5	QPSK	12	0	14.26	14.23	14.11	14.5	0
5	QPSK	12	7	14.21	14.23	14.21		
5	QPSK	12	13	14.12	14.21	14.22		
5	QPSK	25	0	14.19	14.19	14.21		
5	16QAM	1	0	14.00	14.15	14.14	14.5	0
5	16QAM	1	12	14.22	14.22	14.21		
5	16QAM	1	24	14.16	14.20	14.19		
5	16QAM	12	0	14.02	14.11	14.12	14.5	0
5	16QAM	12	7	14.02	14.03	14.09		
5	16QAM	12	13	14.09	14.07	14.01		
5	16QAM	25	0	14.01	14.12	14.11		
5	64QAM	1	0	14.02	14.08	14.08	14.5	0
5	64QAM	1	12	14.19	14.18	14.13		
5	64QAM	1	24	14.08	14.09	14.07		
5	64QAM	12	0	14.00	14.01	14.09	14.5	0
5	64QAM	12	7	14.02	14.05	14.07		
5	64QAM	12	13	14.11	14.12	14.00		
5	64QAM	25	0	14.12	14.01	14.01		

Band 66

BW [MHz]	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	14.42	14.73	14.71	15.5	0
20	QPSK	1	49	14.60	14.69	14.58		
20	QPSK	1	99	14.35	14.36	14.44		
20	QPSK	50	0	14.41	14.65	14.34	15.5	0
20	QPSK	50	24	14.49	14.47	14.31		
20	QPSK	50	50	14.23	14.37	14.30		
20	QPSK	100	0	14.43	14.45	14.25		
20	16QAM	1	0	14.47	14.38	14.67	15.5	0
20	16QAM	1	49	14.68	14.69	14.60		
20	16QAM	1	99	14.36	14.30	14.46		
20	16QAM	50	0	14.34	14.46	14.39	15.5	0
20	16QAM	50	24	14.48	14.48	14.37		
20	16QAM	50	50	14.36	14.40	14.29		
20	16QAM	100	0	14.41	14.42	14.27		
20	64QAM	1	0	14.19	14.20	14.38	15.5	0
20	64QAM	1	49	14.20	14.62	14.26		
20	64QAM	1	99	14.12	14.20	14.16		
20	64QAM	50	0	14.42	14.43	14.35	15.5	0
20	64QAM	50	24	14.49	14.48	14.39		
20	64QAM	50	50	14.36	14.38	14.30		
20	64QAM	100	0	14.41	14.39	14.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.56	14.62	14.69	15.5	0
15	QPSK	1	37	14.59	14.67	14.55		
15	QPSK	1	74	14.40	14.51	14.49		
15	QPSK	36	0	14.41	14.48	14.38	15.5	0
15	QPSK	36	20	14.46	14.44	14.41		
15	QPSK	36	39	14.38	14.43	14.32		
15	QPSK	75	0	14.43	14.42	14.34		
15	16QAM	1	0	14.65	14.42	14.71	15.5	0
15	16QAM	1	37	14.67	14.52	14.61		
15	16QAM	1	74	14.49	14.67	14.50		
15	16QAM	36	0	14.44	14.49	14.41	15.5	0
15	16QAM	36	20	14.47	14.46	14.38		
15	16QAM	36	39	14.40	14.47	14.27		
15	16QAM	75	0	14.46	14.44	14.34		
15	64QAM	1	0	14.43	14.63	14.35	15.5	0
15	64QAM	1	37	14.52	14.69	14.36		
15	64QAM	1	74	14.37	14.41	14.33		
15	64QAM	36	0	14.43	14.51	14.35	15.5	0
15	64QAM	36	20	14.50	14.47	14.43		
15	64QAM	36	39	14.39	14.46	14.33		
15	64QAM	75	0	14.46	14.46	14.36		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.36	14.64	14.33	15.5	0
10	QPSK	1	25	14.50	14.63	14.56		
10	QPSK	1	49	14.52	14.41	14.51		
10	QPSK	25	0	14.35	14.38	14.29	15.5	0
10	QPSK	25	12	14.39	14.43	14.32		
10	QPSK	25	25	14.29	14.39	14.30		
10	QPSK	50	0	14.35	14.38	14.28		
10	16QAM	1	0	14.45	14.46	14.37	15.5	0
10	16QAM	1	25	14.64	14.69	14.65		
10	16QAM	1	49	14.39	14.44	14.33		
10	16QAM	25	0	14.37	14.35	14.21	15.5	0
10	16QAM	25	12	14.44	14.41	14.29		
10	16QAM	25	25	14.29	14.36	14.17		
10	16QAM	50	0	14.37	14.33	14.17		
10	64QAM	1	0	14.36	14.38	14.34	15.5	0
10	64QAM	1	25	14.59	14.69	14.42		
10	64QAM	1	49	14.33	14.41	14.19		
10	64QAM	25	0	14.38	14.37	14.25	15.5	0
10	64QAM	25	12	14.45	14.42	14.32		
10	64QAM	25	25	14.28	14.36	14.22		
10	64QAM	50	0	14.33	14.31	14.25		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.59	14.63	14.56	15.5	0
5	QPSK	1	12	14.63	14.72	14.58		
5	QPSK	1	24	14.47	14.61	14.43		
5	QPSK	12	0	14.43	14.48	14.38	15.5	0
5	QPSK	12	7	14.41	14.44	14.39		
5	QPSK	12	13	14.33	14.44	14.31		
5	QPSK	25	0	14.38	14.41	14.35		
5	16QAM	1	0	14.63	14.65	14.60	15.5	0
5	16QAM	1	12	14.60	14.66	14.71		
5	16QAM	1	24	14.54	14.55	14.55		
5	16QAM	12	0	14.50	14.47	14.46	15.5	0
5	16QAM	12	7	14.46	14.45	14.43		
5	16QAM	12	13	14.36	14.41	14.32		
5	16QAM	25	0	14.43	14.42	14.35		
5	64QAM	1	0	14.59	14.59	14.54	15.5	0
5	64QAM	1	12	14.57	14.63	14.66		
5	64QAM	1	24	14.42	14.50	14.42		
5	64QAM	12	0	14.46	14.46	14.38	15.5	0
5	64QAM	12	7	14.42	14.43	14.36		
5	64QAM	12	13	14.36	14.38	14.26		
5	64QAM	25	0	14.41	14.42	14.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.51	14.55	14.44	15.5	0
3	QPSK	1	8	14.48	14.60	14.43		
3	QPSK	1	14	14.38	14.51	14.36		
3	QPSK	8	0	14.46	14.51	14.44	15.5	0
3	QPSK	8	4	14.46	14.40	14.45		
3	QPSK	8	7	14.40	14.48	14.35		
3	QPSK	15	0	14.42	14.48	14.41		
3	16QAM	1	0	14.71	14.31	14.63	15.5	0
3	16QAM	1	8	14.72	14.55	14.72		
3	16QAM	1	14	14.59	14.66	14.56		
3	16QAM	8	0	14.56	14.56	14.53	15.5	0
3	16QAM	8	4	14.55	14.52	14.53		
3	16QAM	8	7	14.47	14.51	14.45		
3	16QAM	15	0	14.47	14.46	14.58		
3	64QAM	1	0	14.67	14.64	14.53	15.5	0
3	64QAM	1	9	14.69	14.70	14.45		
3	64QAM	1	14	14.55	14.61	14.38		
3	64QAM	8	0	14.51	14.51	14.64	15.5	0
3	64QAM	8	4	14.48	14.48	14.56		
3	64QAM	8	7	14.41	14.48	14.62		
3	64QAM	15	0	14.44	14.46	14.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.37	14.40	14.38	15.5	0
1.4	QPSK	1	3	14.43	14.48	14.38		
1.4	QPSK	1	5	14.32	14.45	14.28		
1.4	QPSK	3	0	14.33	14.36	14.24		
1.4	QPSK	3	1	14.35	14.42	14.29		
1.4	QPSK	3	3	14.30	14.36	14.21		
1.4	QPSK	6	0	14.33	14.36	14.30	15.5	0
1.4	16QAM	1	0	14.65	14.64	14.61	15.5	0
1.4	16QAM	1	3	14.68	14.71	14.62		
1.4	16QAM	1	5	14.56	14.67	14.59		
1.4	16QAM	3	0	14.39	14.39	14.50		
1.4	16QAM	3	1	14.44	14.50	14.39		
1.4	16QAM	3	3	14.37	14.39	14.26		
1.4	16QAM	6	0	14.43	14.43	14.27	15.5	0
1.4	64QAM	1	0	14.58	14.57	14.62	15.5	0
1.4	64QAM	1	3	14.63	14.65	14.52		
1.4	64QAM	1	5	14.50	14.55	14.50		
1.4	64QAM	3	0	14.47	14.47	14.46		
1.4	64QAM	3	1	14.52	14.59	14.50		
1.4	64QAM	3	3	14.37	14.50	14.39		
1.4	64QAM	6	0	14.37	14.39	14.36	15.5	0

Band 38(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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.89	18.08	17.84	19	0
20	QPSK	1	49	17.77	17.83	17.94		
20	QPSK	1	99	17.81	17.89	17.97		
20	QPSK	50	0	17.77	17.92	17.74	19	0
20	QPSK	50	24	17.81	17.81	17.90		
20	QPSK	50	50	17.73	17.82	17.90		
20	QPSK	100	0	17.70	17.85	17.82		
20	16QAM	1	0	17.80	17.87	18.00	19	0
20	16QAM	1	49	17.82	17.95	18.05		
20	16QAM	1	99	17.92	18.06	18.01		
20	16QAM	50	0	17.62	17.72	17.80	19	0
20	16QAM	50	24	17.84	17.86	17.96		
20	16QAM	50	50	17.78	17.87	17.97		
20	16QAM	100	0	17.72	17.76	17.84		
20	64QAM	1	0	17.69	17.72	17.76	19	0
20	64QAM	1	49	17.80	17.73	17.86		
20	64QAM	1	99	17.76	17.92	17.94		
20	64QAM	50	0	17.55	17.65	17.74	19	0
20	64QAM	50	24	17.77	17.79	17.90		
20	64QAM	50	50	17.71	17.82	17.89		
20	64QAM	100	0	17.76	17.77	17.88		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.62	17.73	17.84	19	0
15	QPSK	1	37	17.66	17.76	17.88		
15	QPSK	1	74	17.71	17.81	17.92		
15	QPSK	36	0	17.62	17.70	17.81	19	0
15	QPSK	36	20	17.79	17.81	17.93		
15	QPSK	36	39	17.74	17.83	17.95		
15	QPSK	75	0	17.73	17.76	17.85		
15	16QAM	1	0	17.81	17.84	18.00	19	0
15	16QAM	1	37	17.68	17.93	17.93		
15	16QAM	1	74	17.89	18.05	18.02		
15	16QAM	36	0	17.58	17.68	17.80	19	0
15	16QAM	36	20	17.79	17.82	17.93		
15	16QAM	36	39	17.73	17.83	17.96		
15	16QAM	75	0	17.75	17.77	17.90		
15	64QAM	1	0	17.65	17.77	17.75	19	0
15	64QAM	1	37	17.64	17.78	17.86		
15	64QAM	1	74	17.78	17.84	17.95		
15	64QAM	36	0	17.64	17.73	17.86	19	0
15	64QAM	36	20	17.82	17.84	17.95		
15	64QAM	36	39	17.78	17.87	17.99		
15	64QAM	75	0	17.75	17.77	17.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.62	17.71	17.83	19	0
10	QPSK	1	25	17.53	17.96	17.89		
10	QPSK	1	49	17.52	17.59	17.88		
10	QPSK	25	0	17.59	17.66	18.03	19	0
10	QPSK	25	12	17.68	17.78	17.87		
10	QPSK	25	25	17.63	17.79	17.92		
10	QPSK	50	0	17.63	17.95	17.82		
10	16QAM	1	0	17.61	17.86	18.00	19	0
10	16QAM	1	25	17.80	17.92	18.03		
10	16QAM	1	49	17.62	17.95	18.02		
10	16QAM	25	0	17.87	17.66	17.77	19	0
10	16QAM	25	12	17.84	17.79	17.94		
10	16QAM	25	25	17.67	17.80	17.94		
10	16QAM	50	0	17.69	17.74	17.85		
10	64QAM	1	0	17.35	17.78	17.68	19	0
10	64QAM	1	25	17.63	17.78	17.73		
10	64QAM	1	49	17.40	17.83	17.67		
10	64QAM	25	0	17.60	17.68	17.78	19	0
10	64QAM	25	12	17.68	17.80	17.88		
10	64QAM	25	25	17.88	17.80	17.91		
10	64QAM	50	0	17.64	17.67	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.57	17.62	17.82	19	0
5	QPSK	1	12	17.59	17.74	17.86		
5	QPSK	1	24	17.56	17.71	17.85		
5	QPSK	12	0	17.70	17.75	17.94	19	0
5	QPSK	12	7	17.75	17.86	18.02		
5	QPSK	12	13	17.75	17.83	17.98		
5	QPSK	25	0	17.69	17.75	17.96		
5	16QAM	1	0	17.73	17.76	17.94	19	0
5	16QAM	1	12	17.83	17.93	18.06		
5	16QAM	1	24	17.75	17.88	18.04		
5	16QAM	12	0	17.68	17.77	17.94	19	0
5	16QAM	12	7	17.74	17.86	18.00		
5	16QAM	12	13	17.69	17.83	17.98		
5	16QAM	25	0	17.74	17.83	18.00		
5	64QAM	1	0	17.49	17.53	17.72	19	0
5	64QAM	1	12	17.55	17.68	17.80		
5	64QAM	1	24	17.53	17.67	17.80		
5	64QAM	12	0	17.68	17.74	17.93	19	0
5	64QAM	12	7	17.73	17.86	18.01		
5	64QAM	12	13	17.69	17.82	17.97		
5	64QAM	25	0	17.68	17.76	17.94		

Band 41 (2.6G Band)&Band 41 HPUE										
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	17.76	17.69	18.14	17.80	17.81	19	0
20	QPSK	1	49	17.83	17.65	17.72	17.75	17.77		
20	QPSK	1	99	17.80	17.67	17.66	17.84	17.80		
20	QPSK	50	0	17.92	17.72	17.94	17.87	17.88	19	0
20	QPSK	50	24	17.92	17.75	17.72	17.90	17.88		
20	QPSK	50	50	17.87	17.73	17.76	17.84	17.81		
20	QPSK	100	0	17.82	17.64	17.93	17.91	17.90		
20	16QAM	1	0	17.97	17.81	17.52	17.97	17.88	19	0
20	16QAM	1	49	17.90	17.75	17.79	17.86	17.81		
20	16QAM	1	99	17.91	17.73	17.59	17.91	17.89		
20	16QAM	50	0	17.93	17.72	17.60	17.94	17.91	19	0
20	16QAM	50	24	17.93	17.80	17.76	17.95	17.94		
20	16QAM	50	50	17.90	17.78	17.78	17.87	17.86		
20	16QAM	100	0	17.82	17.68	17.68	17.91	17.92		
20	64QAM	1	0	17.76	17.61	17.34	17.68	17.79	19	0
20	64QAM	1	49	17.66	17.58	17.60	17.62	17.57		
20	64QAM	1	99	17.63	17.47	17.34	17.80	17.60		
20	64QAM	50	0	17.85	17.69	17.54	17.88	17.85	19	0
20	64QAM	50	24	17.86	17.72	17.69	17.85	17.87		
20	64QAM	50	50	17.88	17.72	17.73	17.83	17.79		
20	64QAM	100	0	17.87	17.70	17.71	17.98	17.95		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.77	17.49	17.55	17.77	17.91	19	0
15	QPSK	1	37	17.77	17.61	17.66	17.87	17.85		
15	QPSK	1	74	17.75	17.56	17.55	17.99	17.94		
15	QPSK	36	0	17.91	17.67	17.61	18.08	18.06	19	0
15	QPSK	36	20	17.89	17.73	17.72	18.08	18.07		
15	QPSK	36	39	17.89	17.67	17.76	18.01	18.05		
15	QPSK	75	0	17.85	17.69	17.67	18.10	18.08		
15	16QAM	1	0	17.97	17.65	17.66	18.10	18.10	19	0
15	16QAM	1	37	17.89	17.77	17.79	17.97	17.88		
15	16QAM	1	74	17.93	17.70	17.76	17.88	18.11		
15	16QAM	36	0	17.89	17.65	17.59	18.05	18.03	19	0
15	16QAM	36	20	17.91	17.74	17.72	18.05	18.02		
15	16QAM	36	39	17.86	17.66	17.77	17.98	18.00		
15	16QAM	75	0	17.86	17.70	17.69	18.10	18.09		
15	64QAM	1	0	17.78	17.45	17.56	17.90	17.78	19	0
15	64QAM	1	37	17.68	17.60	17.63	17.87	17.81		
15	64QAM	1	74	17.64	17.54	17.48	17.95	17.79		
15	64QAM	36	0	17.90	17.68	17.64	18.13	18.07	19	0
15	64QAM	36	20	17.93	17.75	17.74	18.13	18.05		
15	64QAM	36	39	17.91	17.68	17.80	18.06	18.07		
15	64QAM	75	0	17.88	17.70	17.69	18.06	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.78	17.36	17.40	17.76	17.47	19	0
10	QPSK	1	25	17.80	17.67	17.69	17.67	17.76		
10	QPSK	1	49	17.78	17.39	17.36	17.76	17.69		
10	QPSK	25	0	17.93	17.68	17.63	17.91	17.56	19	0
10	QPSK	25	12	17.96	17.67	17.72	17.94	17.85		
10	QPSK	25	25	17.80	17.72	17.77	17.83	17.84		
10	QPSK	50	0	17.81	17.70	17.61	17.91	17.85		
10	16QAM	1	0	17.93	17.58	17.59	17.90	17.88	19	0
10	16QAM	1	25	17.94	17.82	17.79	17.95	17.89		
10	16QAM	1	49	17.91	17.54	17.63	17.92	17.87		
10	16QAM	25	0	17.93	17.67	17.63	17.90	17.90	19	0
10	16QAM	25	12	17.93	17.76	17.76	17.95	17.91		
10	16QAM	25	25	17.69	17.69	17.76	17.83	17.79		
10	16QAM	50	0	17.88	17.68	17.70	17.96	17.90		
10	64QAM	1	0	17.79	17.39	17.48	17.84	17.79	19	0
10	64QAM	1	25	17.73	17.76	17.72	17.89	17.43		
10	64QAM	1	49	17.81	17.50	17.55	17.77	17.82		
10	64QAM	25	0	17.93	17.67	17.60	17.88	17.79	19	0
10	64QAM	25	12	17.91	17.73	17.78	17.93	17.90		
10	64QAM	25	25	17.87	17.64	17.72	17.82	17.84		
10	64QAM	50	0	17.77	17.65	17.63	17.90	17.84		
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	17.84	17.68	17.60	18.00	17.95	19	0
5	QPSK	1	12	17.76	17.64	17.67	17.98	17.92		
5	QPSK	1	24	17.80	17.62	17.58	17.98	17.90		
5	QPSK	12	0	17.91	17.77	17.71	18.08	18.04	19	0
5	QPSK	12	7	17.95	17.83	17.82	18.11	18.07		
5	QPSK	12	13	17.89	17.80	17.79	18.11	18.04		
5	QPSK	25	0	17.88	17.76	17.72	18.10	18.04		
5	16QAM	1	0	17.94	17.82	17.77	18.08	18.05	19	0
5	16QAM	1	12	18.00	17.84	17.91	18.09	18.09		
5	16QAM	1	24	18.00	17.84	17.85	18.07	18.09		
5	16QAM	12	0	17.89	17.80	17.74	18.06	18.02	19	0
5	16QAM	12	7	17.90	17.79	17.81	18.10	18.04		
5	16QAM	12	13	17.90	17.79	17.80	18.08	18.04		
5	16QAM	25	0	17.92	17.85	17.77	18.06	18.05		
5	64QAM	1	0	17.72	17.56	17.50	17.90	17.81	19	0
5	64QAM	1	12	17.72	17.62	17.60	17.94	17.83		
5	64QAM	1	24	17.71	17.57	17.59	17.91	17.86		
5	64QAM	12	0	17.88	17.77	17.71	18.10	18.03	19	0
5	64QAM	12	7	17.93	17.78	17.83	18.11	18.03		
5	64QAM	12	13	17.91	17.77	17.79	18.08	18.03		
5	64QAM	25	0	17.88	17.76	17.70	18.09	18.01		

LAT Reduced Power Mode for Hotspot On

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.72	30.42	30.46	31.50	21.72	21.42	21.46	22.50
GPRS 1 Tx slot	30.71	30.41	30.45	31.50	21.71	21.41	21.45	22.50
GPRS 2 Tx slots	30.07	30.23	29.78	30.50	24.07	24.23	23.78	24.50
GPRS 3 Tx slots	28.38	28.52	28.05	29.00	24.12	24.26	23.79	24.74
GPRS 4 Tx slots	26.93	27.21	26.85	27.50	23.93	24.21	23.85	24.50
EDGE 1 Tx slot	25.42	25.31	25.01	25.50	16.42	16.31	16.01	16.50
EDGE 2 Tx slots	24.21	24.23	23.93	24.50	18.21	18.23	17.93	18.50
EDGE 3 Tx slots	22.83	22.71	22.42	23.00	18.57	18.45	18.16	18.74
EDGE 4 Tx slots	21.28	21.32	21.04	21.50	18.28	18.32	18.04	18.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.50	23.90	23.68	24.50	14.50	14.90	14.68	15.50
GPRS 1 Tx slot	23.49	23.89	23.66	24.50	14.49	14.89	14.66	15.50
GPRS 2 Tx slots	22.83	22.85	22.88	23.50	16.83	16.85	16.88	17.50
GPRS 3 Tx slots	21.23	21.56	21.51	22.00	16.97	17.30	17.25	17.74
GPRS 4 Tx slots	19.58	19.95	19.81	20.50	16.58	16.95	16.81	17.50
EDGE 1 Tx slot	19.90	20.34	20.32	20.50	10.90	11.34	11.32	11.50
EDGE 2 Tx slots	18.54	18.87	18.83	19.50	12.54	12.87	12.83	13.50
EDGE 3 Tx slots	16.67	16.98	16.85	18.00	12.41	12.72	12.59	13.74
EDGE 4 Tx slots	15.57	15.90	15.78	16.50	12.57	12.90	12.78	13.50

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	15.56	15.81	15.38	16.00	16.20	16.21	16.24	16.50
3GPP Rel 99	RMC 12.2Kbps	15.60	15.85	15.57	16.00	16.21	16.29	16.27	16.50
3GPP Rel 6	HSDPA Subtest-1	14.71	14.75	14.74	15.00	15.09	15.19	15.24	15.50
3GPP Rel 6	HSDPA Subtest-2	14.70	14.77	14.73	15.00	15.14	15.20	15.25	15.50
3GPP Rel 6	HSDPA Subtest-3	14.21	14.32	14.26	14.50	14.66	14.69	14.78	15.00
3GPP Rel 6	HSDPA Subtest-4	14.20	14.32	14.21	14.50	14.62	14.68	14.77	15.00
3GPP Rel 8	DC-HSDPA Subtest-1	14.69	14.72	14.70	15.00	15.07	15.14	15.20	15.50
3GPP Rel 8	DC-HSDPA Subtest-2	14.68	14.74	14.69	15.00	15.12	15.15	15.21	15.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.19	14.29	14.22	14.50	14.64	14.64	14.74	15.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.18	14.29	14.17	14.50	14.60	14.63	14.73	15.00
3GPP Rel 6	HSUPA Subtest-1	14.73	14.82	14.71	15.00	15.09	15.15	15.32	15.50
3GPP Rel 6	HSUPA Subtest-2	12.74	12.80	12.75	13.00	13.08	13.17	13.28	13.50
3GPP Rel 6	HSUPA Subtest-3	13.73	13.80	13.67	14.00	14.10	14.17	14.28	14.50
3GPP Rel 6	HSUPA Subtest-4	12.68	12.81	12.68	13.00	13.07	13.18	13.25	13.50
3GPP Rel 6	HSUPA Subtest-5	14.70	14.80	14.70	15.00	15.10	15.10	15.20	15.50

Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75	
RC1 SO55					15.54	15.61	15.58	16.50
RC1 SO55					15.57	15.63	15.61	16.50
RC3 SO32 (F+SCH)					15.58	15.62	15.70	16.50
RC3 SO32 (+SCH)					15.53	15.57	15.69	16.50
RTAP 153.6Kbps					15.58	15.61	15.62	16.50
RETAP 4096Bits					15.61	15.57	15.61	16.50

Band 2 (1900MHz Band)
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	12.21	12.26	12.12	13	0
20	QPSK	1	49	12.22	12.12	11.92		
20	QPSK	1	99	12.22	11.91	12.12		
20	QPSK	50	0	12.03	12.04	12.02	13	0
20	QPSK	50	24	11.91	11.96	11.91		
20	QPSK	50	50	12.03	11.96	11.91		
20	QPSK	100	0	11.57	12.02	11.60		
20	16QAM	1	0	11.91	12.12	11.91	13	0
20	16QAM	1	49	11.75	11.91	11.96		
20	16QAM	1	99	12.04	11.91	11.70		
20	16QAM	50	0	11.55	11.59	11.49	13	0
20	16QAM	50	24	11.63	11.59	11.68		
20	16QAM	50	50	11.51	11.58	11.71		
20	16QAM	100	0	11.49	11.48	11.66		
20	64QAM	1	0	11.60	11.90	11.80	13	0
20	64QAM	1	49	11.73	12.02	11.79		
20	64QAM	1	99	11.70	11.79	11.73		
20	64QAM	50	0	11.43	11.48	11.55	13	0
20	64QAM	50	24	11.61	11.63	11.66		
20	64QAM	50	50	11.57	11.63	11.56		
20	64QAM	100	0	11.82	11.75	11.95		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.11	12.12	12.14	13	0
15	QPSK	1	37	11.96	11.96	12.12		
15	QPSK	1	74	12.03	12.02	11.91		
15	QPSK	36	0	11.82	11.53	11.60	13	0
15	QPSK	36	20	11.65	11.67	11.74		
15	QPSK	36	39	11.67	11.64	11.66		
15	QPSK	75	0	11.59	11.59	11.61		
15	16QAM	1	0	11.99	12.19	11.96	13	0
15	16QAM	1	37	12.01	11.86	12.08		
15	16QAM	1	74	11.91	11.99	12.11		
15	16QAM	36	0	11.56	11.63	11.62	13	0
15	16QAM	36	20	11.69	11.81	11.76		
15	16QAM	36	39	11.61	11.69	11.76		
15	16QAM	75	0	11.62	11.53	11.56		
15	64QAM	1	0	11.91	11.94	11.92	13	0
15	64QAM	1	37	11.64	11.78	12.08		
15	64QAM	1	74	11.75	11.91	11.84		
15	64QAM	36	0	11.60	11.50	11.51	13	0
15	64QAM	36	20	11.65	11.72	11.72		
15	64QAM	36	39	11.53	11.63	11.72		
15	64QAM	75	0	11.87	11.82	11.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.22	12.21	12.21	13	0
10	QPSK	1	25	12.23	12.21	12.26		
10	QPSK	1	49	12.26	12.32	12.33		
10	QPSK	25	0	11.85	11.82	11.93	13	0
10	QPSK	25	12	11.95	11.94	11.93		
10	QPSK	25	25	11.93	11.82	11.92		
10	QPSK	50	0	11.76	11.78	11.88		
10	16QAM	1	0	12.23	12.32	12.37	13	0
10	16QAM	1	25	12.19	12.37	12.50		
10	16QAM	1	49	12.17	12.52	12.55		
10	16QAM	25	0	11.87	11.84	11.97	13	0
10	16QAM	25	12	11.99	11.88	11.89		
10	16QAM	25	25	11.99	11.86	11.94		
10	16QAM	50	0	11.86	11.84	12.12		
10	64QAM	1	0	12.21	12.22	12.45	13	0
10	64QAM	1	25	12.01	12.02	12.12		
10	64QAM	1	49	12.02	12.10	12.12		
10	64QAM	25	0	11.92	11.73	11.90	13	0
10	64QAM	25	12	11.93	11.93	11.84		
10	64QAM	25	25	11.98	11.82	11.84		
10	64QAM	50	0	11.98	11.91	12.06		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.81	11.69	11.93	13	0
5	QPSK	1	12	11.97	12.08	11.95		
5	QPSK	1	24	11.71	11.84	12.02		
5	QPSK	12	0	11.96	11.94	11.96	13	0
5	QPSK	12	7	12.04	12.00	12.12		
5	QPSK	12	13	11.84	11.90	11.95		
5	QPSK	25	0	11.95	11.87	12.01		
5	16QAM	1	0	12.21	12.15	12.45	13	0
5	16QAM	1	12	12.14	12.02	12.24		
5	16QAM	1	24	12.05	12.09	11.98		
5	16QAM	12	0	12.01	11.97	12.05	13	0
5	16QAM	12	7	11.98	12.07	12.04		
5	16QAM	12	13	11.87	11.92	11.96		
5	16QAM	25	0	11.93	11.87	12.05		
5	64QAM	1	0	11.95	11.75	12.07	13	0
5	64QAM	1	12	12.22	12.26	12.08		
5	64QAM	1	24	12.05	11.77	12.11		
5	64QAM	12	0	11.92	11.91	11.90	13	0
5	64QAM	12	7	11.92	11.97	12.05		
5	64QAM	12	13	11.92	11.81	11.95		
5	64QAM	25	0	11.91	11.94	12.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.82	11.81	11.88	13	0
3	QPSK	1	8	11.94	12.03	12.07		
3	QPSK	1	14	11.82	11.94	12.03		
3	QPSK	8	0	11.97	11.94	12.07	13	0
3	QPSK	8	4	11.99	12.04	12.02		
3	QPSK	8	7	11.98	11.98	12.03		
3	QPSK	15	0	11.93	11.94	12.05		
3	16QAM	1	0	12.37	12.15	12.45	13	0
3	16QAM	1	8	12.52	12.32	12.21		
3	16QAM	1	14	12.19	12.27	12.26		
3	16QAM	8	0	12.07	12.02	12.14	13	0
3	16QAM	8	4	12.12	11.99	12.03		
3	16QAM	8	7	11.93	12.09	12.11		
3	16QAM	15	0	11.91	12.12	12.12		
3	64QAM	1	0	12.13	12.03	12.37	13	0
3	64QAM	1	8	12.18	11.95	12.15		
3	64QAM	1	14	12.10	12.13	12.18		
3	64QAM	8	0	12.05	11.90	12.14	13	0
3	64QAM	8	4	12.07	12.01	12.10		
3	64QAM	8	7	11.89	12.01	12.00		
3	64QAM	15	0	12.00	11.98	12.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.81	11.87	11.91	13	0
1.4	QPSK	1	3	11.83	11.83	11.92		
1.4	QPSK	1	5	11.79	11.80	11.94		
1.4	QPSK	3	0	11.83	11.87	11.97		
1.4	QPSK	3	1	11.88	11.95	11.94		
1.4	QPSK	3	3	11.78	11.80	11.93		
1.4	QPSK	6	0	11.89	11.95	11.96	13	0
1.4	16QAM	1	0	11.98	12.08	12.28	13	0
1.4	16QAM	1	3	12.09	11.95	12.26		
1.4	16QAM	1	5	11.82	12.00	12.02		
1.4	16QAM	3	0	11.95	11.95	12.00		
1.4	16QAM	3	1	11.91	11.90	12.13		
1.4	16QAM	3	3	11.98	12.02	12.00		
1.4	16QAM	6	0	11.94	12.02	12.23	13	0
1.4	64QAM	1	0	12.10	11.95	12.05	13	0
1.4	64QAM	1	3	12.38	11.98	11.92		
1.4	64QAM	1	5	12.42	11.90	11.97		
1.4	64QAM	3	0	11.99	11.89	12.01		
1.4	64QAM	3	1	12.19	12.04	12.03		
1.4	64QAM	3	3	11.93	12.01	11.86		
1.4	64QAM	6	0	11.87	12.00	12.00	13	0

Band 4 (AWS Band)
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	12.54	12.50	12.50	13.5	0
20	QPSK	1	49	12.12	12.16	12.44		
20	QPSK	1	99	12.30	12.26	12.33		
20	QPSK	50	0	12.23	12.36	12.29	13.5	0
20	QPSK	50	24	12.34	12.25	12.33		
20	QPSK	50	50	12.02	12.19	12.20		
20	QPSK	100	0	12.28	12.24	12.14		
20	16QAM	1	0	12.17	12.32	12.17	13.5	0
20	16QAM	1	49	12.37	12.32	12.34		
20	16QAM	1	99	12.17	12.03	12.14		
20	16QAM	50	0	12.23	12.39	12.19	13.5	0
20	16QAM	50	24	12.23	12.26	12.15		
20	16QAM	50	50	12.26	12.27	12.17		
20	16QAM	100	0	12.25	12.33	12.14		
20	64QAM	1	0	12.13	12.14	12.31	13.5	0
20	64QAM	1	49	12.27	12.37	12.35		
20	64QAM	1	99	12.08	12.49	12.19		
20	64QAM	50	0	12.26	12.22	12.26	13.5	0
20	64QAM	50	24	12.40	12.21	12.25		
20	64QAM	50	50	12.02	12.11	12.11		
20	64QAM	100	0	12.12	12.20	12.11		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.29	12.30	12.20	13.5	0
15	QPSK	1	37	12.14	12.25	12.15		
15	QPSK	1	74	11.99	12.04	12.05		
15	QPSK	36	0	12.34	12.30	12.24	13.5	0
15	QPSK	36	20	12.37	12.33	12.19		
15	QPSK	36	39	12.24	12.26	12.09		
15	QPSK	75	0	12.32	12.15	12.21		
15	16QAM	1	0	12.40	12.18	12.38	13.5	0
15	16QAM	1	37	12.19	12.50	12.16		
15	16QAM	1	74	12.43	12.37	12.32		
15	16QAM	36	0	12.39	12.39	12.26	13.5	0
15	16QAM	36	20	12.28	12.36	12.26		
15	16QAM	36	39	12.23	12.22	12.26		
15	16QAM	75	0	12.35	12.26	12.15		
15	64QAM	1	0	12.36	12.19	12.26	13.5	0
15	64QAM	1	37	12.42	12.10	12.36		
15	64QAM	1	74	12.26	12.23	12.23		
15	64QAM	36	0	12.20	12.29	12.28	13.5	0
15	64QAM	36	20	12.34	12.19	12.16		
15	64QAM	36	39	12.27	12.28	12.26		
15	64QAM	75	0	12.28	12.35	12.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.13	12.11	11.93	13.5	0
10	QPSK	1	25	12.21	12.10	12.19		
10	QPSK	1	49	12.10	12.07	12.41		
10	QPSK	25	0	12.17	12.25	12.18	13.5	0
10	QPSK	25	12	12.29	12.19	12.26		
10	QPSK	25	25	12.36	12.21	12.21		
10	QPSK	50	0	12.25	12.29	12.07		
10	16QAM	1	0	12.31	12.25	12.31	13.5	0
10	16QAM	1	25	12.35	12.31	12.47		
10	16QAM	1	49	12.15	12.19	12.06		
10	16QAM	25	0	12.27	12.27	12.22	13.5	0
10	16QAM	25	12	12.27	12.27	12.20		
10	16QAM	25	25	12.21	12.28	12.11		
10	16QAM	50	0	12.32	12.15	12.12		
10	64QAM	1	0	12.48	12.49	12.40	13.5	0
10	64QAM	1	25	12.48	12.25	12.26		
10	64QAM	1	49	12.50	12.26	12.45		
10	64QAM	25	0	12.28	12.26	12.27	13.5	0
10	64QAM	25	12	12.34	12.29	12.23		
10	64QAM	25	25	12.32	12.25	12.21		
10	64QAM	50	0	12.22	12.22	12.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.29	12.15	12.10	13.5	0
5	QPSK	1	12	12.21	12.35	12.05		
5	QPSK	1	24	12.08	12.18	12.14		
5	QPSK	12	0	12.26	12.26	12.26	13.5	0
5	QPSK	12	7	12.25	12.32	12.21		
5	QPSK	12	13	12.24	12.33	12.26		
5	QPSK	25	0	12.34	12.26	12.26		
5	16QAM	1	0	12.35	12.26	12.35	13.5	0
5	16QAM	1	12	12.38	12.26	12.52		
5	16QAM	1	24	12.45	12.22	12.29		
5	16QAM	12	0	12.26	12.35	12.18	13.5	0
5	16QAM	12	7	12.27	12.26	12.35		
5	16QAM	12	13	12.30	12.29	12.20		
5	16QAM	25	0	12.20	12.38	12.20		
5	64QAM	1	0	12.40	12.24	12.31	13.5	0
5	64QAM	1	12	12.33	12.17	12.30		
5	64QAM	1	24	12.32	12.41	12.14		
5	64QAM	12	0	12.14	12.31	12.22	13.5	0
5	64QAM	12	7	12.33	12.36	12.24		
5	64QAM	12	13	12.21	12.31	12.18		
5	64QAM	25	0	12.18	12.32	12.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.11	12.03	12.03	13.5	0
3	QPSK	1	8	12.39	12.24	12.32		
3	QPSK	1	14	12.16	12.21	12.16		
3	QPSK	8	0	12.23	12.24	12.28	13.5	0
3	QPSK	8	4	12.31	12.33	12.26		
3	QPSK	8	7	12.32	12.28	12.24		
3	QPSK	15	0	12.38	12.25	12.31		
3	16QAM	1	0	12.29	12.36	12.33	13.5	0
3	16QAM	1	8	12.50	12.26	12.42		
3	16QAM	1	14	12.23	12.42	12.41		
3	16QAM	8	0	12.28	12.29	12.27	13.5	0
3	16QAM	8	4	12.24	12.37	12.37		
3	16QAM	8	7	12.37	12.34	12.28		
3	16QAM	15	0	12.26	12.23	12.30		
3	64QAM	1	0	12.13	12.41	12.24	13.5	0
3	64QAM	1	8	12.39	12.17	12.17		
3	64QAM	1	14	12.42	12.36	12.30		
3	64QAM	8	0	12.18	12.19	12.31	13.5	0
3	64QAM	8	4	12.44	12.23	12.38		
3	64QAM	8	7	12.43	12.38	12.36		
3	64QAM	15	0	12.28	12.23	12.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.18	12.02	12.10	13.5	0
1.4	QPSK	1	3	12.16	12.15	12.20		
1.4	QPSK	1	5	12.13	12.09	12.12		
1.4	QPSK	3	0	12.19	12.04	12.08		
1.4	QPSK	3	1	12.14	12.19	12.14		
1.4	QPSK	3	3	12.12	12.13	12.08		
1.4	QPSK	6	0	12.16	12.15	12.10	13.5	0
1.4	16QAM	1	0	12.32	12.25	12.31	13.5	0
1.4	16QAM	1	3	12.19	12.38	12.22		
1.4	16QAM	1	5	12.30	12.37	12.52		
1.4	16QAM	3	0	12.23	12.16	12.20		
1.4	16QAM	3	1	12.41	12.22	12.15		
1.4	16QAM	3	3	12.17	12.29	12.21		
1.4	16QAM	6	0	12.21	12.31	12.22	13.5	0
1.4	64QAM	1	0	12.14	12.32	12.31	13.5	0
1.4	64QAM	1	3	12.10	12.30	12.32		
1.4	64QAM	1	5	12.11	12.01	12.24		
1.4	64QAM	3	0	12.29	12.33	12.21		
1.4	64QAM	3	1	12.38	12.40	12.21		
1.4	64QAM	3	3	12.34	12.21	12.32		
1.4	64QAM	6	0	12.24	12.13	12.12	13.5	0

Band 5 (Cellular Band)
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	20.27	20.29	20.13	20.5	0
10	QPSK	1	25	20.25	20.13	20.25		
10	QPSK	1	49	20.23	20.27	20.14		
10	QPSK	25	0	20.13	20.28	20.13	20.5	0
10	QPSK	25	12	20.25	20.27	20.13		
10	QPSK	25	25	20.05	19.92	20.16		
10	QPSK	50	0	20.05	20.06	19.83		
10	16QAM	1	0	20.28	20.03	20.03	20.5	0
10	16QAM	1	25	20.24	20.22	20.13		
10	16QAM	1	49	20.13	20.03	20.10		
10	16QAM	25	0	20.07	20.01	19.94	20.5	0
10	16QAM	25	12	20.17	19.97	20.03		
10	16QAM	25	25	20.07	20.10	19.98		
10	16QAM	50	0	20.15	19.89	20.08		
10	64QAM	1	0	19.92	20.13	19.92	20.5	0
10	64QAM	1	25	19.87	19.93	19.84		
10	64QAM	1	49	19.98	19.83	19.83		
10	64QAM	25	0	20.22	20.05	20.04	20.5	0
10	64QAM	25	12	20.22	20.08	20.04		
10	64QAM	25	25	20.07	20.22	19.99		
10	64QAM	50	0	20.07	20.03	19.94		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	19.78	19.72	20.5	0
5	QPSK	1	12	20.03	19.89	19.77		
5	QPSK	1	24	19.91	19.87	19.69		
5	QPSK	12	0	20.08	19.88	19.75	20.5	0
5	QPSK	12	7	20.13	20.01	19.76		
5	QPSK	12	13	20.04	19.99	19.75		
5	QPSK	25	0	20.07	19.91	19.80		
5	16QAM	1	0	20.02	20.03	20.06	20.5	0
5	16QAM	1	12	20.16	20.18	20.14		
5	16QAM	1	24	20.13	20.03	20.13		
5	16QAM	12	0	20.21	20.03	19.98	20.5	0
5	16QAM	12	7	20.24	20.14	19.95		
5	16QAM	12	13	20.27	20.09	19.97		
5	16QAM	25	0	20.25	20.07	19.99		
5	64QAM	1	0	19.86	19.72	19.65	20.5	0
5	64QAM	1	12	20.00	19.86	19.74		
5	64QAM	1	24	19.90	19.73	20.00		
5	64QAM	12	0	20.11	20.00	19.95	20.5	0
5	64QAM	12	7	20.25	20.17	19.96		
5	64QAM	12	13	20.12	20.02	19.95		
5	64QAM	25	0	20.21	20.10	19.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.91	19.78	19.78	20.5	0
3	QPSK	1	8	20.02	19.91	19.78		
3	QPSK	1	14	19.95	19.82	19.70		
3	QPSK	8	0	20.13	19.89	19.83	20.5	0
3	QPSK	8	4	20.11	19.98	19.85		
3	QPSK	8	7	20.00	20.01	19.84		
3	QPSK	15	0	20.04	20.01	19.82		
3	16QAM	1	0	20.06	20.13	20.04	20.5	0
3	16QAM	1	8	20.02	20.17	20.14		
3	16QAM	1	14	19.98	20.05	19.87		
3	16QAM	8	0	20.19	20.18	20.05	20.5	0
3	16QAM	8	4	20.28	20.24	19.96		
3	16QAM	8	7	20.18	20.19	19.89		
3	16QAM	15	0	20.28	20.12	19.93		
3	64QAM	1	0	19.94	19.86	19.92	20.5	0
3	64QAM	1	8	20.09	19.96	19.85		
3	64QAM	1	14	19.96	19.81	19.92		
3	64QAM	8	0	20.23	20.09	19.92	20.5	0
3	64QAM	8	4	20.25	20.12	19.96		
3	64QAM	8	7	20.11	20.04	20.11		
3	64QAM	15	0	20.19	20.04	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.87	19.87	19.61	20.5	0
1.4	QPSK	1	3	19.95	19.86	19.73		
1.4	QPSK	1	5	19.91	19.75	19.65		
1.4	QPSK	3	0	19.94	19.80	19.57		
1.4	QPSK	3	1	19.98	19.91	19.74		
1.4	QPSK	3	3	20.04	19.80	19.63		
1.4	QPSK	6	0	20.01	19.92	19.72	20.5	0
1.4	16QAM	1	0	20.03	20.25	19.98	20.5	0
1.4	16QAM	1	3	20.25	20.03	20.03		
1.4	16QAM	1	5	20.06	20.22	20.03		
1.4	16QAM	3	0	20.06	20.00	19.63		
1.4	16QAM	3	1	20.10	19.97	19.83		
1.4	16QAM	3	3	20.05	19.72	19.79		
1.4	16QAM	6	0	20.20	20.02	19.94	20.5	0
1.4	64QAM	1	0	19.74	19.84	19.82	20.5	0
1.4	64QAM	1	3	19.73	20.17	19.98		
1.4	64QAM	1	5	19.82	19.74	19.85		
1.4	64QAM	3	0	19.79	19.72	19.61		
1.4	64QAM	3	1	19.74	19.97	19.83		
1.4	64QAM	3	3	19.93	19.92	19.57		
1.4	64QAM	6	0	20.20	20.06	19.86	20.5	0

Band 7 (2600MHz Band)
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	9.92	10.14	9.92	11	0
20	QPSK	1	49	9.91	9.97	9.92		
20	QPSK	1	99	9.97	10.02	9.90		
20	QPSK	50	0	9.83	10.05	9.85	11	0
20	QPSK	50	24	9.88	9.93	9.88		
20	QPSK	50	50	9.92	9.98	9.87		
20	QPSK	100	0	9.85	9.98	9.80		
20	16QAM	1	0	9.75	9.78	9.80	11	0
20	16QAM	1	49	9.81	9.91	9.73		
20	16QAM	1	99	9.91	9.90	9.77		
20	16QAM	50	0	9.53	9.55	9.55	11	0
20	16QAM	50	24	9.63	9.65	9.60		
20	16QAM	50	50	9.71	9.70	9.60		
20	16QAM	100	0	9.51	9.51	9.50		
20	64QAM	1	0	9.66	9.67	9.62	11	0
20	64QAM	1	49	9.73	9.78	9.63		
20	64QAM	1	99	9.69	9.72	9.64		
20	64QAM	50	0	9.52	9.61	9.55	11	0
20	64QAM	50	24	9.68	9.67	9.59		
20	64QAM	50	50	9.60	9.64	9.61		
20	64QAM	100	0	9.53	9.57	9.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	9.68	9.72	9.57	11	0
15	QPSK	1	37	9.67	9.74	9.60		
15	QPSK	1	74	9.71	9.70	9.67		
15	QPSK	36	0	9.78	9.82	9.72	11	0
15	QPSK	36	20	9.88	9.89	9.79		
15	QPSK	36	39	9.82	9.78	9.74		
15	QPSK	75	0	9.75	9.77	9.68		
15	16QAM	1	0	10.03	10.10	9.94	11	0
15	16QAM	1	37	9.98	10.04	9.92		
15	16QAM	1	74	10.06	10.07	9.98		
15	16QAM	36	0	9.87	9.87	9.78	11	0
15	16QAM	36	20	9.81	9.80	9.79		
15	16QAM	36	39	9.84	9.88	9.77		
15	16QAM	75	0	9.79	9.81	9.70		
15	64QAM	1	0	9.85	9.89	9.85	11	0
15	64QAM	1	37	9.86	9.99	9.79		
15	64QAM	1	74	9.93	9.99	9.86		
15	64QAM	36	0	9.80	9.78	9.77	11	0
15	64QAM	36	20	9.83	9.88	9.75		
15	64QAM	36	39	9.89	9.89	9.78		
15	64QAM	75	0	9.79	9.73	9.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	9.52	9.52	9.51	11	0
10	QPSK	1	25	9.58	9.62	9.52		
10	QPSK	1	49	9.63	9.64	9.59		
10	QPSK	25	0	9.60	9.63	9.68	11	0
10	QPSK	25	12	9.69	9.67	9.65		
10	QPSK	25	25	9.74	9.70	9.63		
10	QPSK	50	0	9.56	9.50	9.61		
10	16QAM	1	0	9.90	9.91	9.88	11	0
10	16QAM	1	25	9.94	10.03	9.78		
10	16QAM	1	49	9.93	9.93	9.86		
10	16QAM	25	0	9.68	9.64	9.53	11	0
10	16QAM	25	12	9.70	9.70	9.54		
10	16QAM	25	25	9.66	9.70	9.54		
10	16QAM	50	0	9.54	9.70	9.45		
10	64QAM	1	0	9.89	10.11	9.76	11	0
10	64QAM	1	25	9.92	10.03	9.79		
10	64QAM	1	49	9.95	10.08	9.83		
10	64QAM	25	0	9.72	9.83	9.62	11	0
10	64QAM	25	12	9.64	9.81	9.76		
10	64QAM	25	25	9.68	9.85	9.69		
10	64QAM	50	0	9.59	9.70	9.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	9.80	9.81	9.67	11	0
5	QPSK	1	12	9.75	9.79	9.69		
5	QPSK	1	24	9.81	9.85	9.67		
5	QPSK	12	0	9.84	9.84	9.74	11	0
5	QPSK	12	7	9.88	9.88	9.77		
5	QPSK	12	13	9.88	9.93	9.71		
5	QPSK	25	0	9.84	9.87	9.76		
5	16QAM	1	0	10.04	10.05	9.97	11	0
5	16QAM	1	12	10.08	10.10	9.99		
5	16QAM	1	24	10.11	10.10	10.00		
5	16QAM	12	0	9.78	9.75	9.71	11	0
5	16QAM	12	7	9.88	9.97	9.78		
5	16QAM	12	13	9.92	9.90	9.76		
5	16QAM	25	0	9.81	9.77	9.73		
5	64QAM	1	0	9.97	10.02	9.86	11	0
5	64QAM	1	12	10.10	10.11	9.93		
5	64QAM	1	24	10.02	10.01	9.87		
5	64QAM	12	0	9.76	9.76	9.63	11	0
5	64QAM	12	7	9.91	9.97	9.77		
5	64QAM	12	13	9.83	9.80	9.75		
5	64QAM	25	0	9.86	9.83	9.69		

Band 12 (700MHz Low Band)
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	21.90	22.16	21.95	22.5	0
10	QPSK	1	25	21.82	21.89	22.01		
10	QPSK	1	49	21.90	21.93	22.10		
10	QPSK	25	0	21.60	21.93	21.64	22.5	0
10	QPSK	25	12	21.78	21.80	21.92		
10	QPSK	25	25	21.87	21.81	21.85		
10	QPSK	50	0	21.76	21.83	21.81		
10	16QAM	1	0	21.83	21.84	21.80	22.5	0
10	16QAM	1	25	21.72	21.78	22.00		
10	16QAM	1	49	21.73	22.11	21.80		
10	16QAM	25	0	21.35	21.40	21.30	22	0.5
10	16QAM	25	12	21.54	21.55	21.59		
10	16QAM	25	25	21.58	21.83	21.43		
10	16QAM	50	0	21.48	21.73	21.39		
10	64QAM	1	0	21.72	21.68	21.89	22	0.5
10	64QAM	1	25	21.74	21.76	21.71		
10	64QAM	1	49	21.93	21.98	21.72		
10	64QAM	25	0	20.47	20.48	20.31	21	1.5
10	64QAM	25	12	20.62	20.57	20.64		
10	64QAM	25	25	20.56	20.57	20.69		
10	64QAM	50	0	20.51	20.47	20.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.76	21.83	21.96	22.5	0
5	QPSK	1	12	21.89	21.87	21.82		
5	QPSK	1	24	21.90	21.71	21.80		
5	QPSK	12	0	21.73	21.73	21.69	22.5	0
5	QPSK	12	7	21.73	21.77	21.71		
5	QPSK	12	13	21.71	21.79	21.71		
5	QPSK	25	0	21.86	21.98	22.04		
5	16QAM	1	0	21.89	21.89	21.71	22.5	0
5	16QAM	1	12	21.86	21.98	22.04		
5	16QAM	1	24	21.89	21.89	21.71		
5	16QAM	12	0	21.58	21.59	21.42	22	0.5
5	16QAM	12	7	21.49	21.49	21.51		
5	16QAM	12	13	21.51	21.67	21.43		
5	16QAM	25	0	21.86	21.98	21.89		
5	64QAM	1	0	21.38	21.34	21.35	22	0.5
5	64QAM	1	12	21.43	21.39	21.77		
5	64QAM	1	24	21.41	21.50	21.39		
5	64QAM	12	0	20.54	20.55	20.49	21	1.5
5	64QAM	12	7	20.48	20.53	20.45		
5	64QAM	12	13	20.46	20.61	20.55		
5	64QAM	25	0	20.46	20.55	20.45		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.01	21.90	21.85	22.5	0
3	QPSK	1	8	21.96	21.99	22.01		
3	QPSK	1	14	21.86	22.01	21.85		
3	QPSK	8	0	21.70	21.79	21.71	22.5	0
3	QPSK	8	4	21.89	21.78	21.83		
3	QPSK	8	7	21.83	21.86	21.75		
3	QPSK	15	0	21.79	21.79	21.78		
3	16QAM	1	0	21.95	22.15	22.04	22.5	0
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.95	22.15	22.04		
3	16QAM	8	0	21.45	21.61	21.41	22	0.5
3	16QAM	8	4	21.62	21.50	21.63		
3	16QAM	8	7	21.52	21.69	21.57		
3	16QAM	15	0	21.50	21.57	21.48		
3	64QAM	1	0	21.76	21.46	21.40	22	0.5
3	64QAM	1	8	21.80	21.55	21.57		
3	64QAM	1	14	21.48	21.47	21.76		
3	64QAM	8	0	20.56	20.54	20.48	21	1.5
3	64QAM	8	4	20.53	20.56	20.73		
3	64QAM	8	7	20.68	20.77	20.69		
3	64QAM	15	0	20.45	20.53	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.76	21.83	21.82	22.5	0
1.4	QPSK	1	3	21.91	21.91	21.81		
1.4	QPSK	1	5	21.83	21.90	21.70		
1.4	QPSK	3	0	21.79	21.78	21.74		
1.4	QPSK	3	1	21.83	21.76	21.79		
1.4	QPSK	3	3	21.74	21.87	21.72		
1.4	QPSK	6	0	21.69	21.75	21.60	22.5	0
1.4	16QAM	1	0	21.83	21.90	21.70	22.5	0
1.4	16QAM	1	3	21.79	21.78	21.74		
1.4	16QAM	1	5	21.83	21.76	21.79		
1.4	16QAM	3	0	21.78	21.77	21.70		
1.4	16QAM	3	1	21.83	21.90	21.70		
1.4	16QAM	3	3	21.79	21.78	21.74		
1.4	16QAM	6	0	21.83	21.76	21.79	22	0.5
1.4	64QAM	1	0	21.60	21.40	21.68	22	0.5
1.4	64QAM	1	3	21.46	21.82	21.53		
1.4	64QAM	1	5	21.58	21.52	21.53		
1.4	64QAM	3	0	21.58	21.57	21.54		
1.4	64QAM	3	1	21.61	21.44	21.74		
1.4	64QAM	3	3	21.65	21.64	21.50		
1.4	64QAM	6	0	20.75	20.77	20.75	21	1.5

Band 25 (1900MHz Band)
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	15.03	15.31	15.02	15.5	0
20	QPSK	1	49	14.99	15.00	14.95		
20	QPSK	1	99	14.86	14.98	14.91		
20	QPSK	50	0	15.03	15.10	15.06	15.5	0
20	QPSK	50	24	15.06	15.08	15.01		
20	QPSK	50	50	15.09	15.06	15.06		
20	QPSK	100	0	15.04	15.08	14.98		
20	16QAM	1	0	15.05	15.09	15.06	15.5	0
20	16QAM	1	49	15.07	15.04	15.06		
20	16QAM	1	99	15.05	15.09	15.07		
20	16QAM	50	0	14.87	14.90	14.85	15.5	0
20	16QAM	50	24	14.89	14.90	14.86		
20	16QAM	50	50	14.86	14.93	14.88		
20	16QAM	100	0	14.79	14.83	14.81		
20	64QAM	1	0	15.08	15.05	15.05	15.5	0
20	64QAM	1	49	15.01	15.04	14.91		
20	64QAM	1	99	15.01	15.06	15.09		
20	64QAM	50	0	14.86	14.87	14.83	15.5	0
20	64QAM	50	24	14.93	14.94	14.90		
20	64QAM	50	50	14.83	14.91	14.84		
20	64QAM	100	0	14.77	14.86	14.81		
Channel				26115	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.61	14.82	14.73	15.5	0
15	QPSK	1	37	14.69	14.78	14.67		
15	QPSK	1	74	14.47	14.75	14.67		
15	QPSK	36	0	14.73	14.77	14.74	15.5	0
15	QPSK	36	20	14.85	14.91	14.82		
15	QPSK	36	39	14.72	14.82	14.78		
15	QPSK	75	0	14.75	14.83	14.80		
15	16QAM	1	0	14.85	15.03	15.06	15.5	0
15	16QAM	1	37	15.08	15.06	15.07		
15	16QAM	1	74	14.90	15.03	15.05		
15	16QAM	36	0	14.72	14.81	14.71	15.5	0
15	16QAM	36	20	14.87	14.95	14.89		
15	16QAM	36	39	14.85	14.89	14.84		
15	16QAM	75	0	14.83	14.89	14.79		
15	64QAM	1	0	14.70	15.09	15.05	15.5	0
15	64QAM	1	37	14.98	15.02	14.97		
15	64QAM	1	74	14.79	15.07	15.07		
15	64QAM	36	0	14.73	14.81	14.73	15.5	0
15	64QAM	36	20	14.88	14.94	14.88		
15	64QAM	36	39	14.78	14.92	14.83		
15	64QAM	75	0	14.82	14.91	14.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.48	14.52	14.67	15.5	0
10	QPSK	1	25	14.65	14.75	14.67		
10	QPSK	1	49	14.37	14.46	14.68		
10	QPSK	25	0	14.72	14.76	14.64	15.5	0
10	QPSK	25	12	14.77	14.89	14.71		
10	QPSK	25	25	14.70	14.83	14.74		
10	QPSK	50	0	14.74	14.83	14.71		
10	16QAM	1	0	14.79	14.87	15.05	15.5	0
10	16QAM	1	25	14.99	15.09	15.07		
10	16QAM	1	49	14.74	14.83	15.04		
10	16QAM	25	0	14.70	14.69	14.60	15.5	0
10	16QAM	25	12	14.82	14.91	14.88		
10	16QAM	25	25	14.73	14.81	14.74		
10	16QAM	50	0	14.71	14.82	14.68		
10	64QAM	1	0	14.76	14.86	15.06	15.5	0
10	64QAM	1	25	15.01	15.08	15.05		
10	64QAM	1	49	14.76	14.85	15.03		
10	64QAM	25	0	14.72	14.72	14.67	15.5	0
10	64QAM	25	12	14.81	14.92	14.72		
10	64QAM	25	25	14.71	14.81	14.76		
10	64QAM	50	0	14.71	14.80	14.69		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.65	14.64	14.75	15.5	0
5	QPSK	1	12	14.73	14.80	14.70		
5	QPSK	1	24	14.62	14.72	14.72		
5	QPSK	12	0	14.80	14.79	14.76	15.5	0
5	QPSK	12	7	14.82	14.80	14.82		
5	QPSK	12	13	14.80	14.87	14.77		
5	QPSK	25	0	14.79	14.91	14.76		
5	16QAM	1	0	15.03	15.05	15.05	15.5	0
5	16QAM	1	12	15.03	15.05	14.92		
5	16QAM	1	24	15.00	15.06	14.99		
5	16QAM	12	0	14.83	14.90	14.77	15.5	0
5	16QAM	12	7	14.86	14.96	14.82		
5	16QAM	12	13	14.80	14.95	14.80		
5	16QAM	25	0	14.78	14.92	14.81		
5	64QAM	1	0	14.88	14.96	14.93	15.5	0
5	64QAM	1	12	14.99	15.06	14.92		
5	64QAM	1	24	14.90	15.07	14.89		
5	64QAM	12	0	14.76	14.80	14.76	15.5	0
5	64QAM	12	7	14.84	14.93	14.85		
5	64QAM	12	13	14.82	14.92	14.83		
5	64QAM	25	0	14.84	14.90	14.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.63	14.66	14.65	15.5	0
3	QPSK	1	8	14.74	14.81	14.71		
3	QPSK	1	14	14.65	14.75	14.65		
3	QPSK	8	0	14.72	14.85	14.74	15.5	0
3	QPSK	8	4	14.77	14.84	14.80		
3	QPSK	8	7	14.73	14.86	14.76		
3	QPSK	15	0	14.77	14.86	14.73		
3	16QAM	1	0	14.97	14.99	15.00	15.5	0
3	16QAM	1	8	15.08	15.07	15.05		
3	16QAM	1	14	15.01	15.09	15.05		
3	16QAM	8	0	14.83	14.90	14.76	15.5	0
3	16QAM	8	4	14.84	14.89	14.83		
3	16QAM	8	7	14.80	14.92	14.81		
3	16QAM	15	0	14.79	14.88	14.79		
3	64QAM	1	0	14.86	14.88	14.86	15.5	0
3	64QAM	1	8	14.99	15.03	14.99		
3	64QAM	1	14	14.85	14.98	14.90		
3	64QAM	8	0	14.74	14.84	14.76	15.5	0
3	64QAM	8	4	14.82	14.84	14.79		
3	64QAM	8	7	14.78	14.87	14.76		
3	64QAM	15	0	14.77	14.84	14.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.62	14.66	14.56	15.5	0
1.4	QPSK	1	3	14.66	14.73	14.65		
1.4	QPSK	1	5	14.60	14.69	14.58		
1.4	QPSK	3	0	14.64	14.71	14.58		
1.4	QPSK	3	1	14.73	14.76	14.63		
1.4	QPSK	3	3	14.70	14.70	14.59		
1.4	QPSK	6	0	14.74	14.77	14.66	15.5	0
1.4	16QAM	1	0	14.87	14.95	14.88	15.5	0
1.4	16QAM	1	3	15.01	15.04	14.95		
1.4	16QAM	1	5	14.93	15.03	14.87		
1.4	16QAM	3	0	14.73	14.76	14.64		
1.4	16QAM	3	1	14.77	14.81	14.73		
1.4	16QAM	3	3	14.74	14.74	14.67		
1.4	16QAM	6	0	14.77	14.81	14.76	15.5	0
1.4	64QAM	1	0	14.83	14.83	14.84	15.5	0
1.4	64QAM	1	3	14.86	14.95	14.84		
1.4	64QAM	1	5	14.86	14.86	14.84		
1.4	64QAM	3	0	14.73	14.79	14.69		
1.4	64QAM	3	1	14.75	14.83	14.74		
1.4	64QAM	3	3	14.75	14.77	14.74		
1.4	64QAM	6	0	14.73	14.74	14.69	15.5	0

Band 26 for FCC (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	22.28	22.40	22.32	23.5	0
15	QPSK	1	37	22.15	22.02	21.92		
15	QPSK	1	74	22.08	21.96	22.02		
15	QPSK	36	0	21.45	21.65	21.24	23	0.5
15	QPSK	36	20	21.61	21.45	21.37		
15	QPSK	36	39	21.48	21.34	21.27		
15	QPSK	75	0	21.52	21.55	21.21		
15	16QAM	1	0	21.89	21.69	21.63	23	0.5
15	16QAM	1	37	21.73	21.65	21.59		
15	16QAM	1	74	21.70	21.54	21.46		
15	16QAM	36	0	20.69	20.53	20.44	22	1.5
15	16QAM	36	20	20.77	20.65	20.55		
15	16QAM	36	39	20.69	20.55	20.44		
15	16QAM	75	0	20.76	20.58	20.43		
15	64QAM	1	0	20.77	20.61	20.59	22	1.5
15	64QAM	1	37	20.62	20.52	20.40		
15	64QAM	1	74	20.59	20.45	20.33		
15	64QAM	36	0	19.69	19.52	19.45	21	2.5
15	64QAM	36	20	19.78	19.65	19.57		
15	64QAM	36	39	19.68	19.55	19.47		
15	64QAM	75	0	19.74	19.59	19.42		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.34	22.12	22.01	23.5	0
10	QPSK	1	25	22.26	22.07	21.97		
10	QPSK	1	49	22.17	22.01	21.87		
10	QPSK	25	0	21.60	21.32	21.20	23	0.5
10	QPSK	25	12	21.64	21.40	21.29		
10	QPSK	25	25	21.56	21.40	21.26		
10	QPSK	50	0	21.57	21.40	21.19		
10	16QAM	1	0	21.99	21.78	21.70	23	0.5
10	16QAM	1	25	21.91	21.77	21.65		
10	16QAM	1	49	21.84	21.72	21.52		
10	16QAM	25	0	20.75	20.54	20.39	22	1.5
10	16QAM	25	12	20.87	20.64	20.53		
10	16QAM	25	25	20.74	20.59	20.48		
10	16QAM	50	0	20.79	20.63	20.41		
10	64QAM	1	0	20.99	20.78	20.70	22	1.5
10	64QAM	1	25	20.92	20.72	20.72		
10	64QAM	1	49	20.87	20.69	20.60		
10	64QAM	25	0	19.75	19.51	19.41	21	2.5
10	64QAM	25	12	19.88	19.64	19.49		
10	64QAM	25	25	19.75	19.61	19.46		
10	64QAM	50	0	19.76	19.63	19.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.28	22.09	21.98	23.5	0
5	QPSK	1	12	22.37	22.12	21.96		
5	QPSK	1	24	22.21	22.10	21.87		
5	QPSK	12	0	21.70	21.41	21.30	23	0.5
5	QPSK	12	7	21.74	21.48	21.33		
5	QPSK	12	13	21.65	21.45	21.28		
5	QPSK	25	0	21.66	21.44	21.29		
5	16QAM	1	0	21.92	21.71	21.64	23	0.5
5	16QAM	1	12	21.98	21.71	21.57		
5	16QAM	1	24	21.88	21.77	21.52		
5	16QAM	12	0	20.92	20.63	20.54	22	1.5
5	16QAM	12	7	20.95	20.72	20.54		
5	16QAM	12	13	20.88	20.66	20.49		
5	16QAM	25	0	20.88	20.66	20.52		
5	64QAM	1	0	20.83	20.67	20.55	22	1.5
5	64QAM	1	12	20.92	20.64	20.47		
5	64QAM	1	24	20.80	20.64	20.44		
5	64QAM	12	0	19.89	19.59	19.46	21	2.5
5	64QAM	12	7	19.92	19.69	19.54		
5	64QAM	12	13	19.89	19.67	19.47		
5	64QAM	25	0	19.87	19.65	19.51		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.34	22.08	21.93	23.5	0
3	QPSK	1	8	22.30	22.15	21.95		
3	QPSK	1	14	22.27	22.06	21.85		
3	QPSK	8	0	21.69	21.40	21.26	23	0.5
3	QPSK	8	4	21.73	21.47	21.32		
3	QPSK	8	7	21.67	21.44	21.26		
3	QPSK	15	0	21.70	21.46	21.29		
3	16QAM	1	0	21.95	21.71	21.55	23	0.5
3	16QAM	1	8	22.00	21.80	21.59		
3	16QAM	1	14	21.90	21.72	21.53		
3	16QAM	8	0	20.99	20.66	20.54	22	1.5
3	16QAM	8	4	21.01	20.75	20.58		
3	16QAM	8	7	20.98	20.71	20.54		
3	16QAM	15	0	20.93	20.69	20.53		
3	64QAM	1	0	20.87	20.61	20.43	22	1.5
3	64QAM	1	8	20.67	20.72	20.55		
3	64QAM	1	14	20.83	20.64	20.44		
3	64QAM	8	0	19.94	19.64	19.52	21	2.5
3	64QAM	8	4	19.96	19.72	19.54		
3	64QAM	8	7	19.93	19.70	19.49		
3	64QAM	15	0	19.93	19.68	19.49		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.32	22.04	22.00	23.5	0
1.4	QPSK	1	3	22.18	22.05	22.04		
1.4	QPSK	1	5	22.30	22.00	21.94		
1.4	QPSK	3	0	22.32	22.05	22.02		
1.4	QPSK	3	1	22.12	22.08	22.03		
1.4	QPSK	3	3	22.31	22.04	22.03		
1.4	QPSK	6	0	21.68	21.39	21.38	23	0.5
1.4	16QAM	1	0	21.94	21.61	21.59	23	0.5
1.4	16QAM	1	3	21.99	21.66	21.70		
1.4	16QAM	1	5	21.95	21.59	21.63		
1.4	16QAM	3	0	21.73	21.45	21.44		
1.4	16QAM	3	1	21.76	21.52	21.59		
1.4	16QAM	3	3	21.72	21.44	21.41		
1.4	16QAM	6	0	20.97	20.68	20.66	22	1.5
1.4	64QAM	1	0	20.86	20.64	20.52	22	1.5
1.4	64QAM	1	3	20.91	20.63	20.64		
1.4	64QAM	1	5	20.86	20.54	20.55		
1.4	64QAM	3	0	20.73	20.47	20.44		
1.4	64QAM	3	1	20.79	20.55	20.51		
1.4	64QAM	3	3	20.72	20.47	20.42		
1.4	64QAM	6	0	19.88	19.62	19.58	21	2.5

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.33		12.5	0
10	QPSK	1	25		12.23			
10	QPSK	1	49		12.25			
10	QPSK	25	0		12.22		12.5	0
10	QPSK	25	12		12.21			
10	QPSK	25	25		12.12			
10	QPSK	50	0		12.05			
10	16QAM	1	0		12.21		12.5	0
10	16QAM	1	25		12.21			
10	16QAM	1	49		12.00			
10	16QAM	25	0		11.73		12.5	0
10	16QAM	25	12		11.82			
10	16QAM	25	25		11.76			
10	16QAM	50	0		11.75			
10	64QAM	1	0		12.12		12.5	0
10	64QAM	1	25		12.13			
10	64QAM	1	49		12.07			
10	64QAM	25	0		11.69		12.5	0
10	64QAM	25	12		11.97			
10	64QAM	25	25		11.81			
10	64QAM	50	0		11.81			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	11.74	11.81	11.87	12.5	0
5	QPSK	1	12	11.84	11.84	11.78		
5	QPSK	1	24	11.83	11.61	11.83		
5	QPSK	12	0	11.92	11.89	11.93	12.5	0
5	QPSK	12	7	12.02	11.84	11.99		
5	QPSK	12	13	11.91	11.79	11.85		
5	QPSK	25	0	11.93	11.88	11.93		
5	16QAM	1	0	12.09	12.21	12.02	12.5	0
5	16QAM	1	12	12.12	12.21	12.06		
5	16QAM	1	24	12.30	12.06	12.15		
5	16QAM	12	0	12.01	11.93	12.01	12.5	0
5	16QAM	12	7	12.06	12.04	12.06		
5	16QAM	12	13	12.01	11.84	11.99		
5	16QAM	25	0	11.87	11.89	11.92		
5	64QAM	1	0	11.95	11.97	12.08	12.5	0
5	64QAM	1	12	11.86	12.32	11.93		
5	64QAM	1	24	12.07	11.98	11.86		
5	64QAM	12	0	11.92	11.90	11.91	12.5	0
5	64QAM	12	7	12.02	11.87	12.02		
5	64QAM	12	13	11.89	11.88	11.94		
5	64QAM	25	0	11.98	11.81	11.88		

Band 66

BW [MHz]	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	12.63	12.72	12.62	13.5	0
20	QPSK	1	49	12.54	12.62	12.61		
20	QPSK	1	99	12.43	12.42	12.44		
20	QPSK	50	0	12.45	12.71	12.41	13.5	0
20	QPSK	50	24	12.49	12.49	12.50		
20	QPSK	50	50	12.35	12.35	12.31		
20	QPSK	100	0	12.37	12.45	12.26		
20	16QAM	1	0	12.32	12.42	12.34	13.5	0
20	16QAM	1	49	12.50	12.48	12.45		
20	16QAM	1	99	12.26	12.17	12.26		
20	16QAM	50	0	12.38	12.49	12.36	13.5	0
20	16QAM	50	24	12.36	12.42	12.26		
20	16QAM	50	50	12.35	12.41	12.29		
20	16QAM	100	0	12.37	12.43	12.31		
20	64QAM	1	0	12.26	12.10	12.42	13.5	0
20	64QAM	1	49	12.36	12.51	12.47		
20	64QAM	1	99	12.23	12.59	12.36		
20	64QAM	50	0	12.39	12.38	12.37	13.5	0
20	64QAM	50	24	12.49	12.35	12.37		
20	64QAM	50	50	12.27	12.21	12.28		
20	64QAM	100	0	12.25	12.36	12.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.42	12.46	12.31	13.5	0
15	QPSK	1	37	12.23	12.39	12.27		
15	QPSK	1	74	12.14	12.14	12.22		
15	QPSK	36	0	12.47	12.46	12.35	13.5	0
15	QPSK	36	20	12.46	12.47	12.31		
15	QPSK	36	39	12.39	12.36	12.26		
15	QPSK	75	0	12.45	12.31	12.32		
15	16QAM	1	0	12.49	12.32	12.50	13.5	0
15	16QAM	1	37	12.34	12.60	12.33		
15	16QAM	1	74	12.56	12.53	12.43		
15	16QAM	36	0	12.48	12.53	12.38	13.5	0
15	16QAM	36	20	12.43	12.46	12.43		
15	16QAM	36	39	12.36	12.38	12.37		
15	16QAM	75	0	12.44	12.40	12.27		
15	64QAM	1	0	12.51	12.20	12.43	13.5	0
15	64QAM	1	37	12.55	12.26	12.47		
15	64QAM	1	74	12.35	12.37	12.35		
15	64QAM	36	0	12.35	12.39	12.45	13.5	0
15	64QAM	36	20	12.47	12.35	12.27		
15	64QAM	36	39	12.36	12.42	12.38		
15	64QAM	75	0	12.43	12.46	12.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.28	12.21	12.10	13.5	0
10	QPSK	1	25	12.34	12.26	12.30		
10	QPSK	1	49	12.19	12.21	12.53		
10	QPSK	25	0	12.32	12.36	12.35	13.5	0
10	QPSK	25	12	12.42	12.36	12.37		
10	QPSK	25	25	12.45	12.35	12.33		
10	QPSK	50	0	12.40	12.39	12.24		
10	16QAM	1	0	12.44	12.41	12.42	13.5	0
10	16QAM	1	25	12.44	12.45	12.59		
10	16QAM	1	49	12.10	12.29	12.23		
10	16QAM	25	0	12.40	12.43	12.33	13.5	0
10	16QAM	25	12	12.36	12.41	12.32		
10	16QAM	25	25	12.36	12.38	12.28		
10	16QAM	50	0	12.45	12.31	12.23		
10	64QAM	1	0	12.57	12.63	12.52	13.5	0
10	64QAM	1	25	12.63	12.36	12.43		
10	64QAM	1	49	12.63	12.42	12.56		
10	64QAM	25	0	12.37	12.40	12.39	13.5	0
10	64QAM	25	12	12.49	12.39	12.40		
10	64QAM	25	25	12.45	12.41	12.32		
10	64QAM	50	0	12.31	12.36	12.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.38	12.29	12.22	13.5	0
5	QPSK	1	12	12.36	12.45	12.22		
5	QPSK	1	24	12.21	12.34	12.25		
5	QPSK	12	0	12.35	12.40	12.38	13.5	0
5	QPSK	12	7	12.40	12.42	12.38		
5	QPSK	12	13	12.37	12.49	12.37		
5	QPSK	25	0	12.43	12.40	12.38		
5	16QAM	1	0	12.50	12.36	12.52	13.5	0
5	16QAM	1	12	12.51	12.42	12.63		
5	16QAM	1	24	12.54	12.36	12.41		
5	16QAM	12	0	12.41	12.26	12.35	13.5	0
5	16QAM	12	7	12.40	12.42	12.46		
5	16QAM	12	13	12.39	12.43	12.32		
5	16QAM	25	0	12.35	12.48	12.37		
5	64QAM	1	0	12.53	12.40	12.42	13.5	0
5	64QAM	1	12	12.42	12.31	12.42		
5	64QAM	1	24	12.47	12.51	12.31		
5	64QAM	12	0	12.27	12.47	12.33	13.5	0
5	64QAM	12	7	12.42	12.50	12.36		
5	64QAM	12	13	12.36	12.41	12.35		
5	64QAM	25	0	12.31	12.48	12.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.24	12.19	12.14	13.5	0
3	QPSK	1	8	12.52	12.40	12.43		
3	QPSK	1	14	12.29	12.37	12.27		
3	QPSK	8	0	12.36	12.40	12.39	13.5	0
3	QPSK	8	4	12.44	12.49	12.37		
3	QPSK	8	7	12.45	12.44	12.35		
3	QPSK	15	0	12.51	12.41	12.42		
3	16QAM	1	0	12.42	12.52	12.44	13.5	0
3	16QAM	1	8	12.63	12.42	12.53		
3	16QAM	1	14	12.36	12.58	12.52		
3	16QAM	8	0	12.41	12.46	12.38	13.5	0
3	16QAM	8	4	12.37	12.53	12.48		
3	16QAM	8	7	12.50	12.50	12.39		
3	16QAM	15	0	12.39	12.39	12.41		
3	64QAM	1	0	12.26	12.57	12.35	13.5	0
3	64QAM	1	8	12.52	12.53	12.28		
3	64QAM	1	14	12.55	12.52	12.41		
3	64QAM	8	0	12.31	12.35	12.42	13.5	0
3	64QAM	8	4	12.57	12.39	12.49		
3	64QAM	8	7	12.56	12.54	12.47		
3	64QAM	15	0	12.41	12.39	12.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.31	12.18	12.21	13.5	0
1.4	QPSK	1	3	12.29	12.31	12.31		
1.4	QPSK	1	5	12.26	12.25	12.23		
1.4	QPSK	3	0	12.32	12.20	12.19		
1.4	QPSK	3	1	12.27	12.35	12.25		
1.4	QPSK	3	3	12.25	12.29	12.19		
1.4	QPSK	6	0	12.29	12.31	12.21	13.5	0
1.4	16QAM	1	0	12.45	12.41	12.42	13.5	0
1.4	16QAM	1	3	12.32	12.54	12.33		
1.4	16QAM	1	5	12.43	12.53	12.63		
1.4	16QAM	3	0	12.36	12.32	12.31		
1.4	16QAM	3	1	12.54	12.38	12.26		
1.4	16QAM	3	3	12.30	12.46	12.32		
1.4	16QAM	6	0	12.34	12.47	12.33	13.5	0
1.4	64QAM	1	0	12.27	12.48	12.42	13.5	0
1.4	64QAM	1	3	12.23	12.46	12.43		
1.4	64QAM	1	5	12.24	12.17	12.35		
1.4	64QAM	3	0	12.42	12.46	12.32		
1.4	64QAM	3	1	12.51	12.56	12.32		
1.4	64QAM	3	3	12.47	12.37	12.43		
1.4	64QAM	6	0	12.37	12.29	12.23	13.5	0

Band 38(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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.48	16.57	16.63	17.5	0
20	QPSK	1	49	16.54	16.66	16.74		
20	QPSK	1	99	16.60	16.68	16.74		
20	QPSK	50	0	16.37	16.49	16.55	17.5	0
20	QPSK	50	24	16.62	16.62	16.70		
20	QPSK	50	50	16.55	16.62	16.72		
20	QPSK	100	0	16.51	16.51	16.59		
20	16QAM	1	0	16.57	16.66	16.71	17.5	0
20	16QAM	1	49	16.59	16.68	16.77		
20	16QAM	1	99	16.65	16.75	16.83		
20	16QAM	50	0	16.37	16.48	16.55	17.5	0
20	16QAM	50	24	16.58	16.63	16.70		
20	16QAM	50	50	16.55	16.61	16.73		
20	16QAM	100	0	16.49	16.50	16.60		
20	64QAM	1	0	16.38	16.39	16.48	17.5	0
20	64QAM	1	49	16.36	16.49	16.56		
20	64QAM	1	99	16.43	16.77	16.63		
20	64QAM	50	0	16.32	16.41	16.52	17.5	0
20	64QAM	50	24	16.50	16.55	16.63		
20	64QAM	50	50	16.49	16.57	16.65		
20	64QAM	100	0	16.52	16.53	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.42	16.54	16.62	17.5	0
15	QPSK	1	37	16.46	16.56	16.67		
15	QPSK	1	74	16.58	16.61	16.71		
15	QPSK	36	0	16.43	16.53	16.63	17.5	0
15	QPSK	36	20	16.62	16.63	16.73		
15	QPSK	36	39	16.56	16.66	16.74		
15	QPSK	75	0	16.55	16.54	16.66		
15	16QAM	1	0	16.61	16.66	16.76	17.5	0
15	16QAM	1	37	16.48	16.69	16.81		
15	16QAM	1	74	16.68	16.81	16.83		
15	16QAM	36	0	16.38	16.47	16.57	17.5	0
15	16QAM	36	20	16.55	16.59	16.69		
15	16QAM	36	39	16.49	16.60	16.69		
15	16QAM	75	0	16.53	16.57	16.65		
15	64QAM	1	0	16.40	16.42	16.55	17.5	0
15	64QAM	1	37	16.41	16.53	16.65		
15	64QAM	1	74	16.47	16.79	16.62		
15	64QAM	36	0	16.40	16.50	16.61	17.5	0
15	64QAM	36	20	16.58	16.61	16.70		
15	64QAM	36	39	16.54	16.65	16.74		
15	64QAM	75	0	16.51	16.53	16.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.27	16.48	16.59	17.5	0
10	QPSK	1	25	16.60	16.45	16.63		
10	QPSK	1	49	16.30	16.52	16.57		
10	QPSK	25	0	16.57	16.44	16.52	17.5	0
10	QPSK	25	12	16.68	16.52	16.69		
10	QPSK	25	25	16.61	16.54	16.64		
10	QPSK	50	0	16.57	16.48	16.55		
10	16QAM	1	0	16.39	16.64	16.68	17.5	0
10	16QAM	1	25	16.72	16.65	16.76		
10	16QAM	1	49	16.42	16.61	16.46		
10	16QAM	25	0	16.59	16.40	16.50	17.5	0
10	16QAM	25	12	16.69	16.56	16.67		
10	16QAM	25	25	16.46	16.53	16.65		
10	16QAM	50	0	16.62	16.47	16.57		
10	64QAM	1	0	16.26	16.48	16.67	17.5	0
10	64QAM	1	25	16.55	16.50	16.63		
10	64QAM	1	49	16.33	16.57	16.74		
10	64QAM	25	0	16.56	16.48	16.50	17.5	0
10	64QAM	25	12	16.63	16.53	16.62		
10	64QAM	25	25	16.57	16.53	16.45		
10	64QAM	50	0	16.51	16.51	16.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.32	16.34	16.58	17.5	0
5	QPSK	1	12	16.32	16.48	16.62		
5	QPSK	1	24	16.26	16.45	16.60		
5	QPSK	12	0	16.40	16.47	16.65	17.5	0
5	QPSK	12	7	16.47	16.60	16.76		
5	QPSK	12	13	16.45	16.59	16.68		
5	QPSK	25	0	16.42	16.51	16.66		
5	16QAM	1	0	16.39	16.46	16.70	17.5	0
5	16QAM	1	12	16.53	16.68	16.76		
5	16QAM	1	24	16.45	16.62	16.79		
5	16QAM	12	0	16.39	16.44	16.62	17.5	0
5	16QAM	12	7	16.43	16.59	16.71		
5	16QAM	12	13	16.39	16.56	16.70		
5	16QAM	25	0	16.43	16.53	16.71		
5	64QAM	1	0	16.18	16.22	16.43	17.5	0
5	64QAM	1	12	16.22	16.35	16.48		
5	64QAM	1	24	16.20	16.34	16.46		
5	64QAM	12	0	16.36	16.47	16.64	17.5	0
5	64QAM	12	7	16.45	16.59	16.70		
5	64QAM	12	13	16.38	16.55	16.66		
5	64QAM	25	0	16.38	16.48	16.62		

Band 41 (2.6G Band)&Band 41 HPUE

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	16.42	16.39	16.83	16.55	16.60	17.5	0
20	QPSK	1	49	16.45	16.42	16.62	16.47	16.51		
20	QPSK	1	99	16.46	16.43	16.71	16.42	16.54		
20	QPSK	50	0	16.57	16.45	16.78	16.33	16.64	17.5	0
20	QPSK	50	24	16.58	16.51	16.75	16.47	16.63		
20	QPSK	50	50	16.55	16.50	16.72	16.48	16.55		
20	QPSK	100	0	16.47	16.38	16.77	16.36	16.67		
20	16QAM	1	0	16.59	16.51	16.81	16.42	16.70	17.5	0
20	16QAM	1	49	16.54	16.46	16.73	16.49	16.62		
20	16QAM	1	99	16.58	16.44	16.77	16.62	16.64		
20	16QAM	50	0	16.57	16.47	16.78	16.45	16.68	17.5	0
20	16QAM	50	24	16.59	16.48	16.80	16.58	16.67		
20	16QAM	50	50	16.61	16.48	16.73	16.50	16.60		
20	16QAM	100	0	16.42	16.37	16.76	16.36	16.65		
20	64QAM	1	0	16.43	16.37	16.40	16.32	16.41	17.5	0
20	64QAM	1	49	16.34	16.37	16.52	16.27	16.37		
20	64QAM	1	99	16.33	16.43	16.50	16.08	16.33		
20	64QAM	50	0	16.52	16.40	16.71	16.26	16.62	17.5	0
20	64QAM	50	24	16.52	16.44	16.73	16.40	16.62		
20	64QAM	50	50	16.55	16.44	16.64	16.43	16.51		
20	64QAM	100	0	16.51	16.39	16.81	16.42	16.68		
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	16.44	16.12	16.19	16.59	16.47	17.5	0
15	QPSK	1	37	16.41	16.35	16.48	16.55	16.42		
15	QPSK	1	74	16.48	16.27	16.28	16.55	16.50		
15	QPSK	36	0	16.52	16.39	16.36	16.75	16.63	17.5	0
15	QPSK	36	20	16.55	16.47	16.48	16.77	16.60		
15	QPSK	36	39	16.52	16.42	16.53	16.68	16.59		
15	QPSK	75	0	16.50	16.43	16.42	16.77	16.60		
15	16QAM	1	0	16.55	16.35	16.30	16.75	16.62	17.5	0
15	16QAM	1	37	16.51	16.47	16.48	16.72	16.53		
15	16QAM	1	74	16.56	16.26	16.44	16.63	16.64		
15	16QAM	36	0	16.55	16.34	16.25	16.72	16.59	17.5	0
15	16QAM	36	20	16.55	16.42	16.40	16.70	16.54		
15	16QAM	36	39	16.54	16.36	16.46	16.66	16.54		
15	16QAM	75	0	16.52	16.40	16.40	16.77	16.64		
15	64QAM	1	0	16.46	16.34	16.28	16.69	16.46	17.5	0
15	64QAM	1	37	16.38	16.39	16.34	16.64	16.38		
15	64QAM	1	74	16.35	16.40	16.24	16.53	16.39		
15	64QAM	36	0	16.58	16.40	16.33	16.76	16.62	17.5	0
15	64QAM	36	20	16.57	16.48	16.44	16.75	16.61		
15	64QAM	36	39	16.55	16.38	16.50	16.70	16.60		
15	64QAM	75	0	16.53	16.39	16.40	16.77	16.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.45	16.54	16.45	16.63	16.33	17.5	0
10	QPSK	1	25	16.42	16.39	16.31	16.61	16.46		
10	QPSK	1	49	16.47	16.25	16.62	16.52	16.35		
10	QPSK	25	0	16.59	16.41	16.66	16.72	16.54	17.5	0
10	QPSK	25	12	16.61	16.50	16.45	16.42	16.57		
10	QPSK	25	25	16.60	16.42	16.72	16.72	16.56		
10	QPSK	50	0	16.46	16.42	16.32	16.76	16.57		
10	16QAM	1	0	16.55	16.22	16.23	16.70	16.63	17.5	0
10	16QAM	1	25	16.55	16.48	16.56	16.63	16.61		
10	16QAM	1	49	16.50	16.21	16.60	16.68	16.59		
10	16QAM	25	0	16.59	16.39	16.37	16.73	16.58	17.5	0
10	16QAM	25	12	16.60	16.55	16.44	16.79	16.63		
10	16QAM	25	25	16.59	16.39	16.40	16.65	16.57		
10	16QAM	50	0	16.48	16.44	16.36	16.78	16.62		
10	64QAM	1	0	16.43	16.14	16.23	16.35	16.46	17.5	0
10	64QAM	1	25	16.51	16.48	16.39	16.51	16.56		
10	64QAM	1	49	16.47	16.13	16.16	16.34	16.52		
10	64QAM	25	0	16.52	16.39	16.29	16.66	16.56	17.5	0
10	64QAM	25	12	16.57	16.49	16.61	16.74	16.61		
10	64QAM	25	25	16.57	16.40	16.42	16.58	16.53		
10	64QAM	50	0	16.42	16.37	16.32	16.75	16.56		
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	16.44	16.37	16.31	16.69	16.52	17.5	0
5	QPSK	1	12	16.42	16.33	16.35	16.62	16.44		
5	QPSK	1	24	16.39	16.31	16.32	16.65	16.47		
5	QPSK	12	0	16.58	16.51	16.43	16.75	16.55	17.5	0
5	QPSK	12	7	16.57	16.52	16.56	16.78	16.59		
5	QPSK	12	13	16.57	16.46	16.51	16.71	16.58		
5	QPSK	25	0	16.54	16.45	16.43	16.72	16.55		
5	16QAM	1	0	16.63	16.48	16.43	16.75	16.62	17.5	0
5	16QAM	1	12	16.62	16.56	16.68	16.51	16.58		
5	16QAM	1	24	16.60	16.46	16.52	16.50	16.66		
5	16QAM	12	0	16.53	16.45	16.41	16.74	16.56	17.5	0
5	16QAM	12	7	16.56	16.46	16.52	16.75	16.57		
5	16QAM	12	13	16.52	16.46	16.47	16.73	16.51		
5	16QAM	25	0	16.57	16.50	16.47	16.79	16.60		
5	64QAM	1	0	16.36	16.23	16.24	16.51	16.36	17.5	0
5	64QAM	1	12	16.34	16.27	16.32	16.52	16.38		
5	64QAM	1	24	16.35	16.21	16.26	16.53	16.36		
5	64QAM	12	0	16.53	16.43	16.40	16.68	16.52	17.5	0
5	64QAM	12	7	16.53	16.46	16.49	16.73	16.61		
5	64QAM	12	13	16.52	16.45	16.46	16.72	16.52		
5	64QAM	25	0	16.50	16.44	16.39	16.72	16.54		

LAT Reduced Power Mode for Handheld On

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	20.70	20.71	20.55	21.00	20.44	20.45	20.41	21.00
3GPP Rel 99	RMC 12.2Kbps	20.72	20.76	20.66	21.00	20.45	20.49	20.43	21.00
3GPP Rel 6	HSDPA Subtest-1	19.65	19.66	19.60	20.00	19.51	19.53	19.61	20.00
3GPP Rel 6	HSDPA Subtest-2	19.61	19.67	19.54	20.00	19.48	19.58	19.64	20.00
3GPP Rel 6	HSDPA Subtest-3	19.15	19.16	19.09	19.50	18.98	19.03	19.15	19.50
3GPP Rel 6	HSDPA Subtest-4	19.12	19.13	19.07	19.50	18.97	19.02	19.10	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.59	19.63	19.52	20.00	19.45	19.50	19.53	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.55	19.64	19.46	20.00	19.42	19.55	19.56	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.09	19.13	19.01	19.50	18.92	19.00	19.07	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.06	19.10	18.99	19.50	18.91	18.99	19.02	19.50
3GPP Rel 6	HSUPA Subtest-1	19.64	19.67	19.57	20.00	19.50	19.55	19.61	20.00
3GPP Rel 6	HSUPA Subtest-2	17.66	17.65	17.60	18.00	17.49	17.54	17.61	18.00
3GPP Rel 6	HSUPA Subtest-3	18.60	18.67	18.55	19.00	18.51	18.54	18.62	19.00
3GPP Rel 6	HSUPA Subtest-4	17.64	17.67	17.53	18.00	17.51	17.55	17.67	18.00
3GPP Rel 6	HSUPA Subtest-5	19.70	19.70	19.60	20.00	19.50	19.50	19.60	20.00

Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75	
RC1 SO55					21.13	21.29	21.17	22.00
RC3 SO55					21.15	21.26	21.34	22.00
RC3 SO32 (F+SCH)					21.12	21.27	21.38	22.00
RC3 SO32 (+SCH)					21.21	21.11	21.15	22.00
RTAP 153.6Kbps					21.21	21.29	21.35	22.00
RETAP 4096Bits					21.13	21.16	21.18	22.00

Band 2 (1900MHz Band)
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	17.32	17.36	17.12	18	0
20	QPSK	1	49	17.00	17.21	17.10		
20	QPSK	1	99	17.02	17.00	17.05		
20	QPSK	50	0	16.81	17.12	16.87	18	0
20	QPSK	50	24	17.11	16.94	16.95		
20	QPSK	50	50	16.86	16.93	17.00		
20	QPSK	100	0	16.89	17.00	16.94		
20	16QAM	1	0	17.30	17.19	17.23	18	0
20	16QAM	1	49	17.20	17.26	17.28		
20	16QAM	1	99	17.16	17.09	17.16		
20	16QAM	50	0	16.79	16.89	16.86	18	0
20	16QAM	50	24	16.94	16.97	17.01		
20	16QAM	50	50	16.89	17.00	17.02		
20	16QAM	100	0	16.89	16.88	16.85		
20	64QAM	1	0	16.98	17.23	17.28	18	0
20	64QAM	1	49	17.11	17.24	17.23		
20	64QAM	1	99	17.05	17.27	17.22		
20	64QAM	50	0	16.84	16.91	16.85	18	0
20	64QAM	50	24	16.95	16.95	16.99		
20	64QAM	50	50	16.89	16.97	16.99		
20	64QAM	100	0	16.87	16.90	16.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.72	16.94	16.92	18	0
15	QPSK	1	37	16.82	16.88	16.90		
15	QPSK	1	74	16.67	16.88	16.88		
15	QPSK	36	0	16.78	16.87	16.89	18	0
15	QPSK	36	20	16.95	16.96	17.03		
15	QPSK	36	39	16.89	16.96	17.01		
15	QPSK	75	0	16.90	16.88	16.97		
15	16QAM	1	0	17.06	17.33	17.26	18	0
15	16QAM	1	37	17.25	17.26	17.29		
15	16QAM	1	74	16.99	17.34	17.29		
15	16QAM	36	0	16.85	16.89	16.87	18	0
15	16QAM	36	20	16.94	16.95	17.04		
15	16QAM	36	39	16.97	17.00	17.03		
15	16QAM	75	0	16.92	16.90	16.89		
15	64QAM	1	0	16.89	17.21	17.24	18	0
15	64QAM	1	37	17.15	17.18	17.08		
15	64QAM	1	74	17.01	17.22	17.20		
15	64QAM	36	0	16.86	16.91	16.91	18	0
15	64QAM	36	20	16.90	16.95	17.07		
15	64QAM	36	39	16.94	17.02	17.02		
15	64QAM	75	0	16.89	16.92	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.58	16.61	17.01	18	0
10	QPSK	1	25	16.87	16.98	16.96		
10	QPSK	1	49	16.59	16.62	16.88		
10	QPSK	25	0	16.86	16.85	16.90	18	0
10	QPSK	25	12	16.95	16.96	17.00		
10	QPSK	25	25	16.83	16.93	16.95		
10	QPSK	50	0	16.85	16.85	16.90		
10	16QAM	1	0	16.87	16.94	17.00	18	0
10	16QAM	1	25	17.29	17.00	17.33		
10	16QAM	1	49	16.91	16.93	17.26		
10	16QAM	25	0	16.92	16.92	16.93	18	0
10	16QAM	25	12	17.00	17.00	17.04		
10	16QAM	25	25	16.83	16.94	16.94		
10	16QAM	50	0	16.90	16.93	16.95		
10	64QAM	1	0	16.88	16.96	17.00	18	0
10	64QAM	1	25	17.00	17.00	17.00		
10	64QAM	1	49	17.11	17.17	17.00		
10	64QAM	25	0	16.96	16.92	16.89	18	0
10	64QAM	25	12	17.00	17.01	17.00		
10	64QAM	25	25	16.83	16.92	16.99		
10	64QAM	50	0	16.84	16.90	16.89		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.83	16.86	16.99	18	0
5	QPSK	1	12	16.89	16.99	17.00		
5	QPSK	1	24	16.75	16.86	16.92		
5	QPSK	12	0	17.00	17.03	17.09	18	0
5	QPSK	12	7	16.99	17.08	17.11		
5	QPSK	12	13	16.91	16.98	17.03		
5	QPSK	25	0	16.91	16.95	17.04		
5	16QAM	1	0	17.21	17.20	17.31	18	0
5	16QAM	1	12	17.13	17.23	17.27		
5	16QAM	1	24	17.06	17.08	17.18		
5	16QAM	12	0	17.04	17.08	17.16	18	0
5	16QAM	12	7	17.04	17.10	17.15		
5	16QAM	12	13	16.93	17.03	17.03		
5	16QAM	25	0	16.98	17.03	17.07		
5	64QAM	1	0	17.07	17.17	17.08	18	0
5	64QAM	1	12	17.22	17.28	17.25		
5	64QAM	1	24	16.96	17.05	17.18		
5	64QAM	12	0	17.05	17.05	17.08	18	0
5	64QAM	12	7	16.98	17.05	17.11		
5	64QAM	12	13	16.91	16.98	17.00		
5	64QAM	25	0	16.97	17.00	17.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.96	16.92	16.99	18	0
3	QPSK	1	8	16.92	17.02	16.97		
3	QPSK	1	14	16.77	16.88	16.93		
3	QPSK	8	0	16.96	16.98	17.10	18	0
3	QPSK	8	4	16.97	17.06	17.10		
3	QPSK	8	7	16.95	17.00	17.03		
3	QPSK	15	0	16.94	16.99	17.04		
3	16QAM	1	0	17.20	17.18	17.00	18	0
3	16QAM	1	8	17.30	17.10	17.35		
3	16QAM	1	14	17.04	17.26	17.30		
3	16QAM	8	0	17.08	17.12	17.09	18	0
3	16QAM	8	4	17.08	17.11	17.14		
3	16QAM	8	7	16.96	17.04	17.09		
3	16QAM	15	0	17.03	17.05	17.13		
3	64QAM	1	0	17.11	17.12	17.25	18	0
3	64QAM	1	8	17.18	17.29	17.31		
3	64QAM	1	14	16.98	17.12	17.07		
3	64QAM	8	0	17.01	17.04	17.15	18	0
3	64QAM	8	4	17.01	17.13	17.07		
3	64QAM	8	7	16.95	17.07	17.06		
3	64QAM	15	0	16.97	17.02	17.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.83	16.86	16.86	18	0
1.4	QPSK	1	3	16.84	16.95	16.93		
1.4	QPSK	1	5	16.77	16.84	16.82		
1.4	QPSK	3	0	16.85	16.90	16.91		
1.4	QPSK	3	1	16.86	16.97	16.91		
1.4	QPSK	3	3	16.79	16.88	16.88		
1.4	QPSK	6	0	16.91	17.01	16.95	18	0
1.4	16QAM	1	0	17.22	17.20	17.17	18	0
1.4	16QAM	1	3	17.14	17.19	17.31		
1.4	16QAM	1	5	17.22	17.13	17.08		
1.4	16QAM	3	0	16.89	17.01	17.04		
1.4	16QAM	3	1	16.98	17.06	16.98		
1.4	16QAM	3	3	16.92	16.89	16.92		
1.4	16QAM	6	0	16.99	17.11	17.13	18	0
1.4	64QAM	1	0	17.00	17.27	17.22	18	0
1.4	64QAM	1	3	16.99	17.17	17.26		
1.4	64QAM	1	5	16.91	17.11	17.06		
1.4	64QAM	3	0	17.02	17.08	17.03		
1.4	64QAM	3	1	17.00	17.05	17.05		
1.4	64QAM	3	3	16.86	17.04	17.03		
1.4	64QAM	6	0	16.89	17.03	17.00	18	0

Band 4 (AWS Band)
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	15.82	16.21	15.94	17	0
20	QPSK	1	49	16.15	16.20	15.86		
20	QPSK	1	99	15.85	15.77	16.11		
20	QPSK	50	0	15.73	15.79	15.71	17	0
20	QPSK	50	24	15.77	15.79	15.67		
20	QPSK	50	50	15.50	15.64	15.63		
20	QPSK	100	0	15.72	15.61	15.62		
20	16QAM	1	0	16.01	15.84	16.13	17	0
20	16QAM	1	49	15.90	16.00	15.96		
20	16QAM	1	99	15.71	15.83	15.78		
20	16QAM	50	0	15.64	15.80	15.66	17	0
20	16QAM	50	24	15.76	15.72	15.65		
20	16QAM	50	50	15.63	15.67	15.62		
20	16QAM	100	0	15.67	15.71	15.63		
20	64QAM	1	0	15.74	15.45	15.70	17	0
20	64QAM	1	49	15.71	15.83	15.44		
20	64QAM	1	99	15.71	15.52	15.45		
20	64QAM	50	0	15.66	15.74	15.69	17	0
20	64QAM	50	24	15.82	15.77	15.71		
20	64QAM	50	50	15.59	15.72	15.58		
20	64QAM	100	0	15.66	15.68	15.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.56	15.59	15.63	17	0
15	QPSK	1	37	15.64	15.64	15.65		
15	QPSK	1	74	15.51	15.56	15.40		
15	QPSK	36	0	15.59	15.75	15.69	17	0
15	QPSK	36	20	15.78	15.68	15.69		
15	QPSK	36	39	15.70	15.77	15.60		
15	QPSK	75	0	15.67	15.60	15.60		
15	16QAM	1	0	15.82	15.55	15.94	17	0
15	16QAM	1	37	15.82	15.75	15.86		
15	16QAM	1	74	15.46	15.77	15.87		
15	16QAM	36	0	15.77	15.71	15.71	17	0
15	16QAM	36	20	15.69	15.83	15.75		
15	16QAM	36	39	15.60	15.72	15.67		
15	16QAM	75	0	15.76	15.70	15.77		
15	64QAM	1	0	15.77	15.38	15.73	17	0
15	64QAM	1	37	15.70	15.66	15.62		
15	64QAM	1	74	15.82	15.58	15.81		
15	64QAM	36	0	15.59	15.80	15.61	17	0
15	64QAM	36	20	15.77	15.77	15.65		
15	64QAM	36	39	15.65	15.74	15.66		
15	64QAM	75	0	15.62	15.67	15.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.27	15.51	15.52	17	0
10	QPSK	1	25	15.32	15.41	15.53		
10	QPSK	1	49	15.33	15.40	15.54		
10	QPSK	25	0	15.32	15.47	15.49	17	0
10	QPSK	25	12	15.49	15.48	15.64		
10	QPSK	25	25	15.49	15.54	15.71		
10	QPSK	50	0	15.43	15.46	15.58		
10	16QAM	1	0	15.70	15.75	15.98	17	0
10	16QAM	1	25	15.74	15.80	15.87		
10	16QAM	1	49	15.55	15.90	15.93		
10	16QAM	25	0	15.35	15.42	15.50	17	0
10	16QAM	25	12	15.54	15.52	15.59		
10	16QAM	25	25	15.44	15.60	15.71		
10	16QAM	50	0	15.44	15.42	15.57		
10	64QAM	1	0	15.69	15.70	15.93	17	0
10	64QAM	1	25	15.61	15.80	15.67		
10	64QAM	1	49	15.49	15.93	15.85		
10	64QAM	25	0	15.40	15.41	15.50	17	0
10	64QAM	25	12	15.44	15.55	15.62		
10	64QAM	25	25	15.46	15.50	15.72		
10	64QAM	50	0	15.47	15.45	15.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.22	15.43	15.54	17	0
5	QPSK	1	12	15.28	15.47	15.57		
5	QPSK	1	24	15.23	15.42	15.62		
5	QPSK	12	0	15.37	15.43	15.53	17	0
5	QPSK	12	7	15.45	15.59	15.71		
5	QPSK	12	13	15.49	15.53	15.75		
5	QPSK	25	0	15.46	15.45	15.60		
5	16QAM	1	0	15.77	15.80	15.85	17	0
5	16QAM	1	12	15.79	15.74	15.90		
5	16QAM	1	24	15.66	15.90	15.98		
5	16QAM	12	0	15.28	15.50	15.50	17	0
5	16QAM	12	7	15.46	15.49	15.69		
5	16QAM	12	13	15.50	15.52	15.70		
5	16QAM	25	0	15.41	15.48	15.56		
5	64QAM	1	0	15.70	15.65	15.95	17	0
5	64QAM	1	12	15.87	15.74	15.81		
5	64QAM	1	24	15.48	15.96	15.84		
5	64QAM	12	0	15.34	15.40	15.53	17	0
5	64QAM	12	7	15.51	15.50	15.73		
5	64QAM	12	13	15.41	15.63	15.71		
5	64QAM	25	0	15.46	15.43	15.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.26	15.21	15.19	17	0
3	QPSK	1	8	15.33	15.39	15.29		
3	QPSK	1	14	15.25	15.32	15.22		
3	QPSK	8	0	15.36	15.30	15.32	17	0
3	QPSK	8	4	15.41	15.36	15.40		
3	QPSK	8	7	15.36	15.38	15.37		
3	QPSK	15	0	15.36	15.31	15.34		
3	16QAM	1	0	15.60	15.55	15.58	17	0
3	16QAM	1	8	15.72	15.78	15.71		
3	16QAM	1	14	15.64	15.71	15.63		
3	16QAM	8	0	15.42	15.40	15.39	17	0
3	16QAM	8	4	15.44	15.40	15.43		
3	16QAM	8	7	15.46	15.44	15.40		
3	16QAM	15	0	15.42	15.40	15.38		
3	64QAM	1	0	15.46	15.46	15.42	17	0
3	64QAM	1	8	15.60	15.61	15.55		
3	64QAM	1	14	15.52	15.58	15.48		
3	64QAM	8	0	15.37	15.38	15.39	17	0
3	64QAM	8	4	15.42	15.38	15.40		
3	64QAM	8	7	15.41	15.39	15.38		
3	64QAM	15	0	15.35	15.34	15.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.17	15.11	15.14	17	0
1.4	QPSK	1	3	15.27	15.26	15.26		
1.4	QPSK	1	5	15.19	15.24	15.20		
1.4	QPSK	3	0	15.22	15.14	15.18		
1.4	QPSK	3	1	15.26	15.29	15.24		
1.4	QPSK	3	3	15.21	15.23	15.22		
1.4	QPSK	6	0	15.31	15.28	15.25	17	0
1.4	16QAM	1	0	15.52	15.47	15.51	17	0
1.4	16QAM	1	3	15.62	15.62	15.63		
1.4	16QAM	1	5	15.60	15.58	15.55		
1.4	16QAM	3	0	15.33	15.29	15.32		
1.4	16QAM	3	1	15.37	15.40	15.34		
1.4	16QAM	3	3	15.32	15.33	15.31		
1.4	16QAM	6	0	15.39	15.35	15.40	17	0
1.4	64QAM	1	0	15.38	15.30	15.35	17	0
1.4	64QAM	1	3	15.41	15.47	15.42		
1.4	64QAM	1	5	15.40	15.42	15.39		
1.4	64QAM	3	0	15.35	15.30	15.33		
1.4	64QAM	3	1	15.43	15.46	15.35		
1.4	64QAM	3	3	15.31	15.34	15.30		
1.4	64QAM	6	0	15.31	15.26	15.28	17	0

Band 5 (Cellular Band)
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	22.46	22.57	22.30	23	0
10	QPSK	1	25	22.39	22.32	22.27		
10	QPSK	1	49	22.42	22.30	22.18		
10	QPSK	25	0	22.48	22.49	22.33	23	0
10	QPSK	25	12	22.32	22.38	22.41		
10	QPSK	25	25	22.33	22.44	22.32		
10	QPSK	50	0	22.46	22.48	22.34		
10	16QAM	1	0	22.41	22.56	22.38	23	0
10	16QAM	1	25	22.38	22.41	22.33		
10	16QAM	1	49	22.48	22.41	22.52		
10	16QAM	25	0	21.30	21.21	21.16	22	1
10	16QAM	25	12	21.33	21.21	21.19		
10	16QAM	25	25	21.26	21.23	21.11		
10	16QAM	50	0	21.24	21.11	21.08		
10	64QAM	1	0	21.22	21.14	21.06	22	1
10	64QAM	1	25	21.11	21.05	20.99		
10	64QAM	1	49	21.12	21.05	20.94		
10	64QAM	25	0	20.36	20.31	20.21	21	2
10	64QAM	25	12	20.43	20.32	20.31		
10	64QAM	25	25	20.38	20.35	20.21		
10	64QAM	50	0	20.35	20.20	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.45	22.26	22.13	23	0
5	QPSK	1	12	22.46	22.39	22.23		
5	QPSK	1	24	22.38	22.29	22.13		
5	QPSK	12	0	22.52	22.41	22.27	23	0
5	QPSK	12	7	22.29	22.13	22.30		
5	QPSK	12	13	22.52	22.44	22.27		
5	QPSK	25	0	22.55	22.38	22.25		
5	16QAM	1	0	22.27	22.44	22.27	23	0
5	16QAM	1	12	22.52	22.41	22.54		
5	16QAM	1	24	22.52	22.44	22.44		
5	16QAM	12	0	21.34	21.21	21.06	22	1
5	16QAM	12	7	21.37	21.30	21.12		
5	16QAM	12	13	21.32	21.25	21.09		
5	16QAM	25	0	21.35	21.19	21.05		
5	64QAM	1	0	21.39	21.19	21.12	22	1
5	64QAM	1	12	21.39	21.37	21.16		
5	64QAM	1	24	21.33	21.27	21.05		
5	64QAM	12	0	20.41	20.25	20.13	21	2
5	64QAM	12	7	20.46	20.37	20.18		
5	64QAM	12	13	20.42	20.30	20.17		
5	64QAM	25	0	20.43	20.31	20.14		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.46	22.28	22.23	23	0
3	QPSK	1	8	22.53	22.43	22.24		
3	QPSK	1	14	22.43	22.34	22.16		
3	QPSK	8	0	22.54	22.38	22.27	23	0
3	QPSK	8	4	22.34	22.16	22.30		
3	QPSK	8	7	22.52	22.42	22.24		
3	QPSK	15	0	22.55	22.44	22.28		
3	16QAM	1	0	22.48	22.42	22.24	23	0
3	16QAM	1	8	22.38	22.44	22.28		
3	16QAM	1	14	22.48	22.30	22.50		
3	16QAM	8	0	21.44	21.39	21.13	22	1
3	16QAM	8	4	21.43	21.33	21.15		
3	16QAM	8	7	21.39	21.30	21.13		
3	16QAM	15	0	21.34	21.26	21.11		
3	64QAM	1	0	21.37	21.24	21.11	22	1
3	64QAM	1	8	21.44	21.39	21.23		
3	64QAM	1	14	21.34	21.27	21.05		
3	64QAM	8	0	20.44	20.31	20.50	21	2
3	64QAM	8	4	20.17	20.09	20.22		
3	64QAM	8	7	20.43	20.34	20.17		
3	64QAM	15	0	20.45	20.34	20.18		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.38	22.24	22.11	23	0
1.4	QPSK	1	3	22.42	22.30	22.12		
1.4	QPSK	1	5	22.37	22.24	22.05		
1.4	QPSK	3	0	22.37	22.28	22.12		
1.4	QPSK	3	1	22.40	22.35	22.16		
1.4	QPSK	3	3	22.40	22.30	22.10		
1.4	QPSK	6	0	22.47	22.35	22.17	23	0
1.4	16QAM	1	0	22.46	22.28	22.23	23	0
1.4	16QAM	1	3	22.28	22.43	22.24		
1.4	16QAM	1	5	22.35	22.34	22.16		
1.4	16QAM	3	0	22.30	22.38	22.27		
1.4	16QAM	3	1	22.51	22.43	22.24		
1.4	16QAM	3	3	22.48	22.37	22.19		
1.4	16QAM	6	0	21.32	21.51	21.35	22	1
1.4	64QAM	1	0	21.40	21.50	21.32	22	1
1.4	64QAM	1	3	21.36	21.50	21.34		
1.4	64QAM	1	5	21.26	21.47	21.32		
1.4	64QAM	3	0	21.22	21.41	21.22		
1.4	64QAM	3	1	21.25	21.15	21.22		
1.4	64QAM	3	3	21.21	21.08	21.28		
1.4	64QAM	6	0	20.36	20.24	20.07	21	2

Band 7 (2600MHz Band)
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	16.20	16.45	16.24	17	0
20	QPSK	1	49	16.18	16.22	16.19		
20	QPSK	1	99	16.24	16.37	16.29		
20	QPSK	50	0	16.29	16.44	16.34	17	0
20	QPSK	50	24	16.34	16.34	16.31		
20	QPSK	50	50	16.37	16.34	16.38		
20	QPSK	100	0	16.33	16.40	16.29		
20	16QAM	1	0	16.21	16.24	16.23	17	0
20	16QAM	1	49	16.28	16.36	16.36		
20	16QAM	1	99	16.32	16.37	16.28		
20	16QAM	50	0	15.94	16.00	16.01	17	0
20	16QAM	50	24	16.09	16.11	16.12		
20	16QAM	50	50	16.11	16.14	16.10		
20	16QAM	100	0	15.96	15.96	15.97		
20	64QAM	1	0	16.13	16.14	16.21	17	0
20	64QAM	1	49	16.17	16.37	16.20		
20	64QAM	1	99	16.18	16.24	16.17		
20	64QAM	50	0	15.95	16.00	16.06	17	0
20	64QAM	50	24	16.12	16.10	16.08		
20	64QAM	50	50	16.08	16.06	16.04		
20	64QAM	100	0	16.00	16.01	16.04		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.88	15.95	15.94	17	0
15	QPSK	1	37	15.95	16.04	15.95		
15	QPSK	1	74	15.95	16.00	15.93		
15	QPSK	36	0	16.03	16.03	16.04	17	0
15	QPSK	36	20	16.16	16.12	16.08		
15	QPSK	36	39	16.05	16.04	15.97		
15	QPSK	75	0	16.01	16.01	16.03		
15	16QAM	1	0	16.32	16.30	16.26	17	0
15	16QAM	1	37	16.18	16.32	16.20		
15	16QAM	1	74	16.25	16.35	16.29		
15	16QAM	36	0	16.06	16.08	16.07	17	0
15	16QAM	36	20	15.97	16.07	16.04		
15	16QAM	36	39	16.06	16.07	16.05		
15	16QAM	75	0	16.08	15.61	16.03		
15	64QAM	1	0	16.11	15.97	16.23	17	0
15	64QAM	1	37	16.20	16.36	16.23		
15	64QAM	1	74	16.16	16.30	16.24		
15	64QAM	36	0	16.02	16.01	16.04	17	0
15	64QAM	36	20	16.03	16.08	16.10		
15	64QAM	36	39	16.10	16.14	16.02		
15	64QAM	75	0	15.97	16.02	16.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.81	15.96	15.83	17	0
10	QPSK	1	25	15.87	16.04	15.89		
10	QPSK	1	49	15.93	16.05	15.94		
10	QPSK	25	0	15.95	16.01	15.93	17	0
10	QPSK	25	12	16.01	16.07	16.04		
10	QPSK	25	25	16.04	16.07	16.03		
10	QPSK	50	0	15.92	15.95	15.89		
10	16QAM	1	0	16.25	16.31	16.24	17	0
10	16QAM	1	25	16.33	16.40	16.27		
10	16QAM	1	49	16.26	16.37	16.28		
10	16QAM	25	0	15.99	16.03	16.01	17	0
10	16QAM	25	12	16.09	16.11	16.04		
10	16QAM	25	25	15.96	16.01	16.01		
10	16QAM	50	0	15.97	16.00	16.00		
10	64QAM	1	0	16.28	16.41	16.26	17	0
10	64QAM	1	25	16.32	16.32	16.29		
10	64QAM	1	49	16.30	16.39	16.40		
10	64QAM	25	0	16.04	16.08	16.02	17	0
10	64QAM	25	12	16.04	16.06	16.01		
10	64QAM	25	25	16.03	16.05	16.01		
10	64QAM	50	0	15.97	15.99	15.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.95	15.97	15.90	17	0
5	QPSK	1	12	15.93	16.03	15.94		
5	QPSK	1	24	15.94	16.01	15.99		
5	QPSK	12	0	16.02	16.06	15.99	17	0
5	QPSK	12	7	16.01	16.15	15.99		
5	QPSK	12	13	16.00	16.03	16.01		
5	QPSK	25	0	16.02	16.07	15.97		
5	16QAM	1	0	16.20	16.30	16.18	17	0
5	16QAM	1	12	16.29	16.30	16.28		
5	16QAM	1	24	16.30	16.42	16.24		
5	16QAM	12	0	16.02	16.04	16.00	17	0
5	16QAM	12	7	16.07	16.20	16.12		
5	16QAM	12	13	16.02	16.11	16.02		
5	16QAM	25	0	15.98	16.08	15.99		
5	64QAM	1	0	16.18	16.23	16.19	17	0
5	64QAM	1	12	16.23	15.92	16.17		
5	64QAM	1	24	16.17	16.01	16.14		
5	64QAM	12	0	16.01	15.95	16.00	17	0
5	64QAM	12	7	16.08	16.17	16.02		
5	64QAM	12	13	15.98	16.03	15.98		
5	64QAM	25	0	16.01	16.07	16.01		

Band 12 (700MHz Low Band)
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	22.57	22.69	22.44	23	0
10	QPSK	1	25	22.55	22.44	22.45		
10	QPSK	1	49	22.57	22.47	22.31		
10	QPSK	25	0	22.59	22.62	22.47	23	0
10	QPSK	25	12	22.45	22.50	22.59		
10	QPSK	25	25	22.31	22.61	22.45		
10	QPSK	50	0	22.47	22.51	22.48		
10	16QAM	1	0	22.59	22.43	22.26	23	0
10	16QAM	1	25	22.47	22.31	22.50		
10	16QAM	1	49	22.60	22.61	22.45		
10	16QAM	25	0	21.46	21.33	21.34	22	1
10	16QAM	25	12	21.48	21.38	21.32		
10	16QAM	25	25	21.37	21.42	21.25		
10	16QAM	50	0	21.40	21.23	21.26		
10	64QAM	1	0	21.37	21.31	21.19	22	1
10	64QAM	1	25	21.22	21.24	21.13		
10	64QAM	1	49	21.28	21.17	21.12		
10	64QAM	25	0	20.51	20.48	20.34	21	2
10	64QAM	25	12	20.54	20.51	20.45		
10	64QAM	25	25	20.54	20.47	20.39		
10	64QAM	50	0	20.50	20.37	20.31		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.60	22.43	22.26	23	0
5	QPSK	1	12	22.57	22.58	22.37		
5	QPSK	1	24	22.54	22.41	22.31		
5	QPSK	12	0	22.37	22.58	22.40	23	0
5	QPSK	12	7	22.58	22.37	22.44		
5	QPSK	12	13	22.44	22.56	22.45		
5	QPSK	25	0	22.45	22.55	22.38		
5	16QAM	1	0	22.38	22.54	22.64	23	0
5	16QAM	1	12	22.64	22.57	22.58		
5	16QAM	1	24	22.41	22.31	22.57		
5	16QAM	12	0	21.45	21.40	21.20	22	1
5	16QAM	12	7	21.53	21.42	21.30		
5	16QAM	12	13	21.47	21.42	21.22		
5	16QAM	25	0	21.46	21.38	21.19		
5	64QAM	1	0	21.55	21.31	21.30	22	1
5	64QAM	1	12	21.54	21.54	21.29		
5	64QAM	1	24	21.44	21.46	21.19		
5	64QAM	12	0	20.57	20.37	20.31	21	2
5	64QAM	12	7	20.61	20.54	20.31		
5	64QAM	12	13	20.53	20.49	20.31		
5	64QAM	25	0	20.59	20.43	20.32		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.62	22.40	22.41	23	0
3	QPSK	1	8	22.30	22.60	22.37		
3	QPSK	1	14	22.54	22.53	22.30		
3	QPSK	8	0	22.37	22.50	22.45	23	0
3	QPSK	8	4	22.30	22.65	22.43		
3	QPSK	8	7	22.38	22.61	22.54		
3	QPSK	15	0	22.46	22.56	22.37		
3	16QAM	1	0	22.65	22.37	22.30	23	0
3	16QAM	1	8	22.37	22.50	22.45		
3	16QAM	1	14	22.53	22.37	22.30		
3	16QAM	8	0	21.54	21.40	21.26	22	1
3	16QAM	8	4	21.54	21.52	21.29		
3	16QAM	8	7	21.55	21.42	21.31		
3	16QAM	15	0	21.49	21.43	21.24		
3	64QAM	1	0	21.48	21.43	21.25	22	1
3	64QAM	1	8	21.60	21.51	21.41		
3	64QAM	1	14	21.49	21.44	21.18		
3	64QAM	8	0	20.55	20.50	20.64	21	2
3	64QAM	8	4	20.33	20.21	20.40		
3	64QAM	8	7	20.58	20.51	20.30		
3	64QAM	15	0	20.56	20.53	20.32		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.49	22.43	22.25	23	0
1.4	QPSK	1	3	22.58	22.42	22.30		
1.4	QPSK	1	5	22.52	22.41	22.18		
1.4	QPSK	3	0	22.48	22.47	22.26		
1.4	QPSK	3	1	22.56	22.47	22.34		
1.4	QPSK	3	3	22.55	22.47	22.23		
1.4	QPSK	6	0	22.58	22.54	22.31	23	0
1.4	16QAM	1	0	22.52	22.41	22.18	23	0
1.4	16QAM	1	3	22.48	22.47	22.26		
1.4	16QAM	1	5	22.47	22.26	22.34		
1.4	16QAM	3	0	22.47	22.34	22.39		
1.4	16QAM	3	1	22.47	22.23	22.37		
1.4	16QAM	3	3	22.54	22.31	22.33		
1.4	16QAM	6	0	21.39	21.30	21.13	22	1
1.4	64QAM	1	0	21.34	21.26	21.11	22	1
1.4	64QAM	1	3	21.37	21.24	21.11		
1.4	64QAM	1	5	21.36	21.50	21.34		
1.4	64QAM	3	0	21.26	21.47	21.32		
1.4	64QAM	3	1	21.22	21.41	21.22		
1.4	64QAM	3	3	21.37	21.20	21.46		
1.4	64QAM	6	0	20.51	20.41	20.20	21	2

Band 25 (1900MHz Band)
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	20.11	20.34	20.09	21	0
20	QPSK	1	49	20.03	20.13	20.04		
20	QPSK	1	99	19.93	20.04	19.98		
20	QPSK	50	0	19.95	20.15	19.90	21	0
20	QPSK	50	24	19.99	20.07	19.99		
20	QPSK	50	50	19.91	19.99	19.93		
20	QPSK	100	0	19.91	20.07	19.92		
20	16QAM	1	0	20.33	20.33	20.22	21	0
20	16QAM	1	49	20.14	20.29	20.16		
20	16QAM	1	99	20.11	20.23	20.12		
20	16QAM	50	0	19.95	19.99	19.92	21	0
20	16QAM	50	24	20.01	20.05	19.97		
20	16QAM	50	50	19.92	20.00	19.92		
20	16QAM	100	0	19.90	19.96	19.90		
20	64QAM	1	0	20.12	20.21	20.31	21	0
20	64QAM	1	49	20.05	20.31	20.11		
20	64QAM	1	99	19.94	20.31	20.02		
20	64QAM	50	0	19.92	19.99	19.93	21	0
20	64QAM	50	24	20.00	20.06	20.00		
20	64QAM	50	50	19.92	19.98	19.94		
20	64QAM	100	0	19.90	19.95	19.91		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.72	19.98	19.90	21	0
15	QPSK	1	37	19.87	19.95	19.83		
15	QPSK	1	74	19.72	19.87	19.83		
15	QPSK	36	0	19.86	19.89	19.83	21	0
15	QPSK	36	20	20.02	20.09	19.99		
15	QPSK	36	39	19.92	19.99	19.91		
15	QPSK	75	0	19.92	20.00	19.87		
15	16QAM	1	0	20.00	20.28	20.20	21	0
15	16QAM	1	37	20.22	20.27	20.14		
15	16QAM	1	74	20.02	20.24	20.11		
15	16QAM	36	0	19.87	19.90	19.80	21	0
15	16QAM	36	20	20.02	20.07	19.98		
15	16QAM	36	39	19.98	20.00	19.94		
15	16QAM	75	0	19.94	19.98	19.86		
15	64QAM	1	0	19.88	20.15	20.18	21	0
15	64QAM	1	37	20.10	20.27	20.21		
15	64QAM	1	74	19.89	20.27	20.04		
15	64QAM	36	0	19.84	19.90	19.82	21	0
15	64QAM	36	20	19.98	20.08	19.99		
15	64QAM	36	39	19.94	19.84	19.94		
15	64QAM	75	0	19.94	20.00	19.87		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.55	19.62	19.82	21	0
10	QPSK	1	25	19.77	19.88	19.83		
10	QPSK	1	49	19.45	19.61	19.81		
10	QPSK	25	0	19.84	19.85	19.77	21	0
10	QPSK	25	12	19.93	20.03	19.85		
10	QPSK	25	25	19.87	19.93	19.85		
10	QPSK	50	0	19.87	19.94	19.80		
10	16QAM	1	0	20.01	20.03	20.14	21	0
10	16QAM	1	25	20.14	20.18	20.10		
10	16QAM	1	49	19.88	19.95	20.12		
10	16QAM	25	0	19.84	19.84	19.70	21	0
10	16QAM	25	12	19.94	20.00	19.84		
10	16QAM	25	25	19.88	19.91	19.86		
10	16QAM	50	0	19.88	19.93	19.80		
10	64QAM	1	0	19.92	19.99	20.22	21	0
10	64QAM	1	25	20.22	19.98	20.14		
10	64QAM	1	49	19.84	20.00	20.15		
10	64QAM	25	0	19.86	19.87	19.76	21	0
10	64QAM	25	12	19.93	20.04	19.87		
10	64QAM	25	25	19.87	19.91	19.83		
10	64QAM	50	0	19.84	19.94	19.77		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.79	19.80	19.83	21	0
5	QPSK	1	12	19.84	19.92	19.79		
5	QPSK	1	24	19.85	19.90	19.79		
5	QPSK	12	0	19.92	19.92	19.84	21	0
5	QPSK	12	7	19.96	20.00	19.89		
5	QPSK	12	13	19.93	20.00	19.88		
5	QPSK	25	0	19.93	19.97	19.87		
5	16QAM	1	0	20.10	20.08	20.10	21	0
5	16QAM	1	12	20.13	20.16	20.07		
5	16QAM	1	24	20.14	20.21	20.06		
5	16QAM	12	0	19.94	19.93	19.86	21	0
5	16QAM	12	7	19.95	19.98	19.91		
5	16QAM	12	13	19.91	19.98	19.89		
5	16QAM	25	0	19.93	19.98	19.89		
5	64QAM	1	0	20.08	20.01	19.99	21	0
5	64QAM	1	12	20.03	20.06	20.00		
5	64QAM	1	24	20.08	20.09	20.04		
5	64QAM	12	0	19.90	19.86	19.84	21	0
5	64QAM	12	7	19.92	19.96	19.89		
5	64QAM	12	13	19.93	19.96	19.88		
5	64QAM	25	0	19.93	19.98	19.86		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.80	19.76	19.75	21	0
3	QPSK	1	8	19.85	19.87	19.80		
3	QPSK	1	14	19.85	19.87	19.78		
3	QPSK	8	0	19.88	19.97	19.81	21	0
3	QPSK	8	4	19.93	19.97	19.86		
3	QPSK	8	7	19.93	19.99	19.86		
3	QPSK	15	0	19.91	19.96	19.85		
3	16QAM	1	0	20.10	20.11	20.03	21	0
3	16QAM	1	8	20.13	20.17	20.13		
3	16QAM	1	14	20.12	20.19	20.03		
3	16QAM	8	0	19.95	19.98	19.87	21	0
3	16QAM	8	4	19.98	20.04	19.91		
3	16QAM	8	7	19.94	20.01	19.89		
3	16QAM	15	0	19.95	19.98	19.85		
3	64QAM	1	0	20.04	20.01	19.94	21	0
3	64QAM	1	8	20.03	20.09	20.04		
3	64QAM	1	14	20.06	20.18	20.02		
3	64QAM	8	0	19.89	19.94	19.78	21	0
3	64QAM	8	4	19.96	19.95	19.86		
3	64QAM	8	7	19.92	19.97	19.83		
3	64QAM	15	0	19.90	19.95	19.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.73	19.74	19.65	21	0
1.4	QPSK	1	3	19.79	19.86	19.76		
1.4	QPSK	1	5	19.73	19.79	19.69		
1.4	QPSK	3	0	19.76	19.79	19.69		
1.4	QPSK	3	1	19.80	19.84	19.74		
1.4	QPSK	3	3	19.79	19.81	19.72		
1.4	QPSK	6	0	19.86	19.90	19.77	21	0
1.4	16QAM	1	0	20.08	20.03	19.94	21	0
1.4	16QAM	1	3	20.13	20.16	20.07		
1.4	16QAM	1	5	20.07	20.11	20.03		
1.4	16QAM	3	0	19.83	19.86	19.77		
1.4	16QAM	3	1	19.87	19.93	19.81		
1.4	16QAM	3	3	19.82	19.86	19.73		
1.4	16QAM	6	0	19.89	19.94	19.86	21	0
1.4	64QAM	1	0	20.01	19.89	19.96	21	0
1.4	64QAM	1	3	20.04	20.12	19.97		
1.4	64QAM	1	5	19.98	20.09	19.91		
1.4	64QAM	3	0	19.85	19.90	19.79		
1.4	64QAM	3	1	19.97	19.99	19.87		
1.4	64QAM	3	3	19.90	19.91	19.78		
1.4	64QAM	6	0	19.84	19.90	19.76	21	0

Band 30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.74		18	0
10	QPSK	1	25		17.56			
10	QPSK	1	49		17.58			
10	QPSK	25	0		17.58		18	0
10	QPSK	25	12		17.26			
10	QPSK	25	25		17.30			
10	QPSK	50	0		17.25			
10	16QAM	1	0		17.45		18	0
10	16QAM	1	25		17.57			
10	16QAM	1	49		17.46			
10	16QAM	25	0		17.13		18	0
10	16QAM	25	12		17.25			
10	16QAM	25	25		17.26			
10	16QAM	50	0		17.23			
10	64QAM	1	0		17.45		18	0
10	64QAM	1	25		17.51			
10	64QAM	1	49		17.58			
10	64QAM	25	0		17.17		18	0
10	64QAM	25	12		17.28			
10	64QAM	25	25		17.40			
10	64QAM	50	0		17.29			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.19	17.22	17.12	18	0
5	QPSK	1	12	17.36	17.15	17.18		
5	QPSK	1	24	17.15	17.11	17.21		
5	QPSK	12	0	17.33	17.29	17.35	18	0
5	QPSK	12	7	17.39	17.36	17.43		
5	QPSK	12	13	17.36	17.30	17.31		
5	QPSK	25	0	17.38	17.32	17.38		
5	16QAM	1	0	17.72	17.39	17.68	18	0
5	16QAM	1	12	17.57	17.50	17.28		
5	16QAM	1	24	17.73	17.40	17.46		
5	16QAM	12	0	17.37	17.26	17.30	18	0
5	16QAM	12	7	17.44	17.36	17.36		
5	16QAM	12	13	17.40	17.46	17.32		
5	16QAM	25	0	17.29	17.37	17.32		
5	64QAM	1	0	17.40	17.43	17.14	18	0
5	64QAM	1	12	17.45	17.40	17.26		
5	64QAM	1	24	17.39	17.12	17.11		
5	64QAM	12	0	17.41	17.32	17.25	18	0
5	64QAM	12	7	17.38	17.41	17.34		
5	64QAM	12	13	17.22	17.28	17.33		
5	64QAM	25	0	17.36	17.36	17.38		

Band 66								
BW [MHz]	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	15.93	16.38	16.08	17	0
20	QPSK	1	49	16.33	16.32	16.02		
20	QPSK	1	99	16.00	15.96	16.24		
20	QPSK	50	0	15.84	15.96	15.85	17	0
20	QPSK	50	24	15.95	15.91	15.83		
20	QPSK	50	50	15.65	15.83	15.76		
20	QPSK	100	0	15.83	15.88	15.76		
20	16QAM	1	0	15.79	15.96	16.29	17	0
20	16QAM	1	49	16.05	16.19	16.09		
20	16QAM	1	99	15.82	16.00	15.92		
20	16QAM	50	0	15.82	15.92	15.82	17	0
20	16QAM	50	24	15.91	15.91	15.78		
20	16QAM	50	50	15.74	15.84	15.76		
20	16QAM	100	0	15.85	15.83	15.79		
20	64QAM	1	0	15.89	15.64	15.83	17	0
20	64QAM	1	49	15.82	16.00	15.58		
20	64QAM	1	99	15.89	15.64	15.61		
20	64QAM	50	0	15.81	15.93	15.82	17	0
20	64QAM	50	24	15.93	15.94	15.85		
20	64QAM	50	50	15.77	15.84	15.74		
20	64QAM	100	0	15.81	15.87	15.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.71	15.78	15.76	17	0
15	QPSK	1	37	15.75	15.81	15.79		
15	QPSK	1	74	15.69	15.68	15.56		
15	QPSK	36	0	15.74	15.94	15.82	17	0
15	QPSK	36	20	15.89	15.85	15.83		
15	QPSK	36	39	15.88	15.89	15.76		
15	QPSK	75	0	15.82	15.79	15.73		
15	16QAM	1	0	15.93	15.72	16.08	17	0
15	16QAM	1	37	16.00	15.87	16.02		
15	16QAM	1	74	15.61	15.96	16.00		
15	16QAM	36	0	15.88	15.88	15.85	17	0
15	16QAM	36	20	15.87	15.95	15.91		
15	16QAM	36	39	15.75	15.91	15.80		
15	16QAM	75	0	15.87	15.87	15.91		
15	64QAM	1	0	15.95	15.50	15.89	17	0
15	64QAM	1	37	15.85	15.45	15.75		
15	64QAM	1	74	15.93	15.75	15.95		
15	64QAM	36	0	15.77	15.92	15.77	17	0
15	64QAM	36	20	15.92	15.96	15.78		
15	64QAM	36	39	15.76	15.91	15.80		
15	64QAM	75	0	15.80	15.79	15.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.45	15.63	15.68	17	0
10	QPSK	1	25	15.47	15.60	15.66		
10	QPSK	1	49	15.44	15.57	15.68		
10	QPSK	25	0	15.50	15.59	15.65	17	0
10	QPSK	25	12	15.64	15.67	15.77		
10	QPSK	25	25	15.60	15.71	15.85		
10	QPSK	50	0	15.61	15.58	15.74		
10	16QAM	1	0	15.85	15.94	16.11	17	0
10	16QAM	1	25	15.85	15.97	16.01		
10	16QAM	1	49	15.73	16.02	16.09		
10	16QAM	25	0	15.50	15.61	15.63	17	0
10	16QAM	25	12	15.65	15.69	15.73		
10	16QAM	25	25	15.62	15.72	15.87		
10	16QAM	50	0	15.59	15.61	15.70		
10	64QAM	1	0	15.80	15.87	16.07	17	0
10	64QAM	1	25	15.79	15.92	15.83		
10	64QAM	1	49	15.64	16.12	15.98		
10	64QAM	25	0	15.51	15.58	15.64	17	0
10	64QAM	25	12	15.62	15.67	15.78		
10	64QAM	25	25	15.61	15.69	15.85		
10	64QAM	50	0	15.58	15.62	15.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.33	15.60	15.68	17	0
5	QPSK	1	12	15.46	15.59	15.73		
5	QPSK	1	24	15.38	15.61	15.75		
5	QPSK	12	0	15.48	15.60	15.67	17	0
5	QPSK	12	7	15.63	15.71	15.87		
5	QPSK	12	13	15.64	15.72	15.88		
5	QPSK	25	0	15.57	15.62	15.74		
5	16QAM	1	0	15.65	15.92	16.01	17	0
5	16QAM	1	12	15.94	15.93	16.03		
5	16QAM	1	24	15.77	16.07	16.12		
5	16QAM	12	0	15.46	15.62	15.66	17	0
5	16QAM	12	7	15.61	15.68	15.82		
5	16QAM	12	13	15.61	15.69	15.84		
5	16QAM	25	0	15.59	15.60	15.72		
5	64QAM	1	0	15.85	15.84	16.08	17	0
5	64QAM	1	12	15.98	15.91	15.95		
5	64QAM	1	24	15.66	16.08	16.00		
5	64QAM	12	0	15.49	15.59	15.66	17	0
5	64QAM	12	7	15.62	15.67	15.87		
5	64QAM	12	13	15.59	15.75	15.87		
5	64QAM	25	0	15.61	15.62	15.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.18	15.17	15.09	17	0
3	QPSK	1	8	15.25	15.35	15.19		
3	QPSK	1	14	15.17	15.28	15.12		
3	QPSK	8	0	15.28	15.26	15.22	17	0
3	QPSK	8	4	15.33	15.32	15.30		
3	QPSK	8	7	15.28	15.34	15.27		
3	QPSK	15	0	15.28	15.27	15.24		
3	16QAM	1	0	15.52	15.51	15.48	17	0
3	16QAM	1	8	15.64	15.74	15.61		
3	16QAM	1	14	15.56	15.67	15.53		
3	16QAM	8	0	15.34	15.36	15.29	17	0
3	16QAM	8	4	15.36	15.36	15.33		
3	16QAM	8	7	15.38	15.40	15.30		
3	16QAM	15	0	15.34	15.36	15.28		
3	64QAM	1	0	15.38	15.42	15.32	17	0
3	64QAM	1	8	15.52	15.57	15.45		
3	64QAM	1	14	15.44	15.54	15.38		
3	64QAM	8	0	15.29	15.34	15.29	17	0
3	64QAM	8	4	15.34	15.34	15.30		
3	64QAM	8	7	15.33	15.35	15.28		
3	64QAM	15	0	15.27	15.30	15.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.09	15.07	15.04	17	0
1.4	QPSK	1	3	15.19	15.22	15.16		
1.4	QPSK	1	5	15.11	15.20	15.10		
1.4	QPSK	3	0	15.14	15.10	15.08		
1.4	QPSK	3	1	15.18	15.25	15.14		
1.4	QPSK	3	3	15.13	15.19	15.12		
1.4	QPSK	6	0	15.23	15.24	15.15	17	0
1.4	16QAM	1	0	15.44	15.43	15.41	17	0
1.4	16QAM	1	3	15.54	15.58	15.53		
1.4	16QAM	1	5	15.52	15.54	15.45		
1.4	16QAM	3	0	15.25	15.25	15.22		
1.4	16QAM	3	1	15.29	15.36	15.24		
1.4	16QAM	3	3	15.24	15.29	15.21		
1.4	16QAM	6	0	15.31	15.31	15.30	17	0
1.4	64QAM	1	0	15.30	15.26	15.25	17	0
1.4	64QAM	1	3	15.33	15.43	15.32		
1.4	64QAM	1	5	15.32	15.38	15.29		
1.4	64QAM	3	0	15.27	15.26	15.23		
1.4	64QAM	3	1	15.35	15.42	15.25		
1.4	64QAM	3	3	15.23	15.30	15.20		
1.4	64QAM	6	0	15.23	15.22	15.18	17	0

Band 38(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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.42	21.45	21.55	22.5	0
20	QPSK	1	49	21.45	21.56	21.62		
20	QPSK	1	99	21.53	21.61	21.67		
20	QPSK	50	0	21.29	21.39	21.47	22.5	0
20	QPSK	50	24	21.53	21.53	21.60		
20	QPSK	50	50	21.48	21.55	21.61		
20	QPSK	100	0	21.43	21.44	21.51		
20	16QAM	1	0	21.57	21.55	21.74	22.5	0
20	16QAM	1	49	21.57	21.66	21.72		
20	16QAM	1	99	21.65	21.76	21.80		
20	16QAM	50	0	20.84	20.90	20.99	22	0.5
20	16QAM	50	24	21.05	21.05	21.11		
20	16QAM	50	50	20.98	21.07	21.13		
20	16QAM	100	0	20.94	20.95	21.03		
20	64QAM	1	0	20.87	20.87	21.00	22	0.5
20	64QAM	1	49	20.81	20.93	21.04		
20	64QAM	1	99	20.91	21.08	21.12		
20	64QAM	50	0	19.74	19.83	19.94	21	1.5
20	64QAM	50	24	19.97	19.99	20.07		
20	64QAM	50	50	19.91	20.00	20.09		
20	64QAM	100	0	19.95	19.96	20.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.32	21.45	21.51	22.5	0
15	QPSK	1	37	21.37	21.49	21.56		
15	QPSK	1	74	21.41	21.53	21.59		
15	QPSK	36	0	21.33	21.41	21.54	22.5	0
15	QPSK	36	20	21.50	21.52	21.62		
15	QPSK	36	39	21.45	21.55	21.63		
15	QPSK	75	0	21.41	21.46	21.55		
15	16QAM	1	0	21.54	21.66	21.69	22.5	0
15	16QAM	1	37	21.54	21.68	21.73		
15	16QAM	1	74	21.63	21.73	21.80		
15	16QAM	36	0	20.76	20.83	20.93	22	0.5
15	16QAM	36	20	20.94	21.01	21.06		
15	16QAM	36	39	20.92	21.03	21.10		
15	16QAM	75	0	20.94	20.94	21.06		
15	64QAM	1	0	20.80	20.85	21.00	22	0.5
15	64QAM	1	37	20.80	20.95	21.09		
15	64QAM	1	74	20.87	21.04	21.05		
15	64QAM	36	0	19.80	19.93	20.02	21	1.5
15	64QAM	36	20	19.99	20.05	20.10		
15	64QAM	36	39	19.96	20.05	20.15		
15	64QAM	75	0	19.94	19.97	20.04		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.14	21.37	21.11	22.5	0
10	QPSK	1	25	21.48	21.42	21.54		
10	QPSK	1	49	21.50	21.40	21.46		
10	QPSK	25	0	21.48	21.32	21.46	22.5	0
10	QPSK	25	12	21.59	21.42	21.53		
10	QPSK	25	25	21.52	21.46	21.71		
10	QPSK	50	0	21.51	21.36	21.56		
10	16QAM	1	0	21.30	21.57	21.60	22.5	0
10	16QAM	1	25	21.31	21.60	21.65		
10	16QAM	1	49	21.40	21.59	21.64		
10	16QAM	25	0	21.03	20.88	20.88	22	0.5
10	16QAM	25	12	21.14	21.01	21.04		
10	16QAM	25	25	21.04	21.16	21.12		
10	16QAM	50	0	21.08	20.93	20.96		
10	64QAM	1	0	20.66	20.62	20.98	22	0.5
10	64QAM	1	25	21.03	20.92	20.97		
10	64QAM	1	49	20.78	21.06	21.05		
10	64QAM	25	0	20.03	20.08	19.90	21	1.5
10	64QAM	25	12	20.14	19.94	20.07		
10	64QAM	25	25	20.01	19.96	20.08		
10	64QAM	50	0	20.04	20.02	19.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.22	21.24	21.47	22.5	0
5	QPSK	1	12	21.23	21.35	21.54		
5	QPSK	1	24	21.20	21.34	21.51		
5	QPSK	12	0	21.29	21.40	21.60	22.5	0
5	QPSK	12	7	21.37	21.51	21.65		
5	QPSK	12	13	21.35	21.48	21.64		
5	QPSK	25	0	21.30	21.41	21.61		
5	16QAM	1	0	21.31	21.36	21.55	22.5	0
5	16QAM	1	12	21.44	21.58	21.70		
5	16QAM	1	24	21.39	21.52	21.64		
5	16QAM	12	0	20.83	20.88	21.08	22	0.5
5	16QAM	12	7	20.87	21.02	21.12		
5	16QAM	12	13	20.86	20.99	21.11		
5	16QAM	25	0	20.88	20.96	21.12		
5	64QAM	1	0	20.61	20.66	20.85	22	0.5
5	64QAM	1	12	20.65	20.80	20.92		
5	64QAM	1	24	20.64	20.77	20.89		
5	64QAM	12	0	19.82	19.87	20.07	21	1.5
5	64QAM	12	7	19.89	20.00	20.11		
5	64QAM	12	13	19.85	19.97	20.09		
5	64QAM	25	0	19.84	19.91	20.06		

Band 41 (2.6G Band)&Band 41 HPUE

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	21.38	21.42	21.78	21.34	21.51	22.5	0
20	QPSK	1	49	21.41	21.47	21.57	21.55	21.43		
20	QPSK	1	99	21.40	21.34	21.62	21.33	21.49		
20	QPSK	50	0	21.49	21.34	21.73	21.43	21.57	22.5	0
20	QPSK	50	24	21.50	21.38	21.71	21.58	21.57		
20	QPSK	50	50	21.48	21.37	21.62	21.60	21.49		
20	QPSK	100	0	21.40	21.57	21.69	21.49	21.55		
20	16QAM	1	0	21.50	21.42	21.28	21.76	21.64	22.5	0
20	16QAM	1	49	21.45	21.43	21.69	21.63	21.51		
20	16QAM	1	99	21.47	21.44	21.45	21.74	21.57		
20	16QAM	50	0	20.99	20.87	20.94	21.26	21.16	22	0.5
20	16QAM	50	24	21.01	20.90	21.11	21.26	21.13		
20	16QAM	50	50	20.99	20.91	21.12	21.17	21.06		
20	16QAM	100	0	20.90	21.02	21.01	21.25	21.10		
20	64QAM	1	0	20.77	20.77	20.83	20.97	20.88	22	0.5
20	64QAM	1	49	20.71	20.72	20.93	20.88	20.79		
20	64QAM	1	99	20.71	20.62	20.70	20.91	20.81		
20	64QAM	50	0	19.90	20.08	19.89	20.19	20.09	21	1.5
20	64QAM	50	24	19.94	19.85	20.02	20.19	20.06		
20	64QAM	50	50	19.92	19.84	20.07	20.13	19.95		
20	64QAM	100	0	19.94	19.83	20.04	20.27	20.18		
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	21.40	21.12	21.56	21.13	21.41	22.5	0
15	QPSK	1	37	21.36	21.30	21.50	21.39	21.35		
15	QPSK	1	74	21.41	21.09	21.57	21.23	21.42		
15	QPSK	36	0	21.46	21.33	21.69	21.30	21.57	22.5	0
15	QPSK	36	20	21.50	21.39	21.70	21.38	21.55		
15	QPSK	36	39	21.67	21.32	21.63	21.45	21.54		
15	QPSK	75	0	21.45	21.34	21.35	21.72	21.55		
15	16QAM	1	0	21.50	21.30	21.24	21.72	21.59	22.5	0
15	16QAM	1	37	21.46	21.45	21.46	21.62	21.47		
15	16QAM	1	74	21.52	21.26	21.42	21.74	21.57		
15	16QAM	36	0	20.94	20.79	20.77	21.16	21.03	22	0.5
15	16QAM	36	20	20.95	20.85	20.85	21.20	21.01		
15	16QAM	36	39	20.95	20.80	20.91	21.12	21.03		
15	16QAM	75	0	20.96	20.87	20.87	21.26	21.10		
15	64QAM	1	0	20.81	20.58	20.49	20.92	20.84	22	0.5
15	64QAM	1	37	20.74	20.70	20.73	20.92	20.76		
15	64QAM	1	74	20.71	20.48	20.65	20.94	20.79		
15	64QAM	36	0	19.99	19.83	19.77	20.22	20.09	21	1.5
15	64QAM	36	20	20.01	19.89	19.91	20.23	20.08		
15	64QAM	36	39	19.98	19.83	19.94	20.14	20.06		
15	64QAM	75	0	19.94	19.86	19.84	20.23	20.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.33	21.55	21.56	21.59	21.43	22.5	0
10	QPSK	1	25	21.30	21.33	21.41	21.69	21.47		
10	QPSK	1	49	21.39	21.39	21.44	21.63	21.41		
10	QPSK	25	0	21.39	21.33	21.32	21.75	21.55	22.5	0
10	QPSK	25	12	21.49	21.44	21.35	21.55	21.58		
10	QPSK	25	25	21.45	21.35	21.40	21.65	21.55		
10	QPSK	50	0	21.52	21.33	21.28	21.71	21.58		
10	16QAM	1	0	21.48	21.20	21.22	21.46	21.59	22.5	0
10	16QAM	1	25	21.53	21.42	21.51	21.44	21.59		
10	16QAM	1	49	21.45	21.18	21.28	21.42	21.53		
10	16QAM	25	0	20.95	20.87	20.80	21.22	21.05	22	0.5
10	16QAM	25	12	21.00	20.98	20.96	21.24	21.09		
10	16QAM	25	25	20.94	20.87	20.92	21.10	21.03		
10	16QAM	50	0	20.99	20.91	20.85	21.24	21.07		
10	64QAM	1	0	20.85	20.72	20.52	20.92	20.89	22	0.5
10	64QAM	1	25	20.75	20.81	20.73	20.72	20.99		
10	64QAM	1	49	20.90	20.77	20.70	20.72	21.01		
10	64QAM	25	0	19.94	19.84	19.79	20.21	20.04	21	1.5
10	64QAM	25	12	20.00	19.96	19.95	20.04	20.09		
10	64QAM	25	25	19.95	20.02	19.89	20.09	20.02		
10	64QAM	50	0	20.33	19.85	20.00	20.21	20.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.40	21.34	21.26	21.62	21.45	22.5	0
5	QPSK	1	12	21.36	21.32	21.32	21.61	21.43		
5	QPSK	1	24	21.37	21.26	21.30	21.57	21.41		
5	QPSK	12	0	21.49	21.45	21.39	21.74	21.57	22.5	0
5	QPSK	12	7	21.55	21.46	21.49	21.68	21.61		
5	QPSK	12	13	21.49	21.45	21.46	21.75	21.56		
5	QPSK	25	0	21.48	21.43	21.38	21.72	21.57		
5	16QAM	1	0	21.54	21.43	21.43	21.68	21.55	22.5	0
5	16QAM	1	12	21.67	21.49	21.55	21.68	21.64		
5	16QAM	1	24	21.55	21.49	21.46	21.55	21.59		
5	16QAM	12	0	20.97	20.96	20.93	21.22	21.03	22	0.5
5	16QAM	12	7	21.03	20.99	21.01	21.20	21.05		
5	16QAM	12	13	20.95	20.95	20.99	21.22	21.02		
5	16QAM	25	0	21.02	21.01	20.95	21.23	21.08		
5	64QAM	1	0	20.84	20.72	20.71	21.00	20.83	22	0.5
5	64QAM	1	12	20.84	20.79	20.79	21.01	20.83		
5	64QAM	1	24	20.83	20.70	20.72	21.04	20.82		
5	64QAM	12	0	19.96	19.93	19.90	20.19	20.04	21	1.5
5	64QAM	12	7	19.95	20.00	19.99	20.22	20.08		
5	64QAM	12	13	19.96	19.95	19.95	20.22	20.04		
5	64QAM	25	0	19.95	19.93	19.90	20.18	20.01		

UAT Full Power Mode

Band 2 (1900MHz Band)
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	21.61	21.89	21.76	23	0
20	QPSK	1	49	21.49	21.65	21.69		
20	QPSK	1	99	21.41	21.68	21.70		
20	QPSK	50	0	20.38	20.63	20.48	22	1
20	QPSK	50	24	20.51	20.62	20.60		
20	QPSK	50	50	20.42	20.62	20.61		
20	QPSK	100	0	20.48	20.54	20.52		
20	16QAM	1	0	20.71	20.85	20.90	22	1
20	16QAM	1	49	20.70	20.80	20.81		
20	16QAM	1	99	20.57	20.92	20.84		
20	16QAM	50	0	19.56	19.69	19.66	21	2
20	16QAM	50	24	19.73	19.80	19.81		
20	16QAM	50	50	19.64	19.82	19.80		
20	16QAM	100	0	19.63	19.72	19.73		
20	64QAM	1	0	19.65	19.71	19.79	21	2
20	64QAM	1	49	19.51	19.66	19.65		
20	64QAM	1	99	19.65	19.89	19.58		
20	64QAM	50	0	18.54	18.72	18.69	20	3
20	64QAM	50	24	18.74	18.79	18.78		
20	64QAM	50	50	18.68	18.82	18.78		
20	64QAM	100	0	18.63	18.70	18.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.43	21.75	21.70	23	0
15	QPSK	1	37	21.53	21.66	21.66		
15	QPSK	1	74	21.42	21.68	21.72		
15	QPSK	36	0	20.36	20.53	20.51	22	1
15	QPSK	36	20	20.51	20.58	20.69		
15	QPSK	36	39	20.48	20.61	20.65		
15	QPSK	75	0	20.43	20.56	20.59		
15	16QAM	1	0	20.56	20.85	20.90	22	1
15	16QAM	1	37	20.73	20.82	20.77		
15	16QAM	1	74	20.53	20.82	20.89		
15	16QAM	36	0	19.55	19.73	19.69	21	2
15	16QAM	36	20	19.69	19.78	19.85		
15	16QAM	36	39	19.66	19.84	19.86		
15	16QAM	75	0	19.65	19.77	19.74		
15	64QAM	1	0	19.56	19.55	19.74	21	2
15	64QAM	1	37	19.59	19.63	19.53		
15	64QAM	1	74	19.38	19.83	19.79		
15	64QAM	36	0	18.56	18.73	18.67	20	3
15	64QAM	36	20	18.68	18.79	18.85		
15	64QAM	36	39	18.67	18.85	18.86		
15	64QAM	75	0	18.65	18.77	18.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.56	21.54	21.73	23	0
10	QPSK	1	25	21.64	21.72	21.83		
10	QPSK	1	49	21.60	21.47	21.79		
10	QPSK	25	0	20.41	20.52	20.54	22	1
10	QPSK	25	12	20.47	20.62	20.62		
10	QPSK	25	25	20.39	20.55	20.61		
10	QPSK	50	0	20.42	20.54	20.55		
10	16QAM	1	0	20.65	20.58	20.99	22	1
10	16QAM	1	25	20.78	20.96	20.98		
10	16QAM	1	49	20.65	20.70	20.92		
10	16QAM	25	0	19.64	19.73	19.73	21	2
10	16QAM	25	12	19.68	19.78	19.84		
10	16QAM	25	25	19.58	19.77	19.80		
10	16QAM	50	0	19.57	19.71	19.72		
10	64QAM	1	0	19.54	19.52	19.65	21	2
10	64QAM	1	25	19.78	19.85	19.77		
10	64QAM	1	49	19.42	19.71	19.65		
10	64QAM	25	0	18.65	18.75	18.75	20	3
10	64QAM	25	12	18.71	18.81	18.84		
10	64QAM	25	25	18.54	18.72	18.81		
10	64QAM	50	0	18.57	18.73	18.71		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.55	21.70	21.75	23	0
5	QPSK	1	12	21.59	21.85	21.84		
5	QPSK	1	24	21.49	21.66	21.78		
5	QPSK	12	0	20.52	20.65	20.71	22	1
5	QPSK	12	7	20.50	20.70	20.72		
5	QPSK	12	13	20.42	20.62	20.64		
5	QPSK	25	0	20.46	20.60	20.68		
5	16QAM	1	0	20.74	20.84	20.88	22	1
5	16QAM	1	12	20.73	20.95	20.90		
5	16QAM	1	24	20.56	20.83	20.77		
5	16QAM	12	0	19.75	19.87	19.98	21	2
5	16QAM	12	7	19.77	19.95	20.06		
5	16QAM	12	13	19.67	19.82	19.86		
5	16QAM	25	0	19.66	19.79	19.86		
5	64QAM	1	0	19.59	19.74	19.88	21	2
5	64QAM	1	12	19.65	19.85	19.84		
5	64QAM	1	24	19.53	19.73	19.74		
5	64QAM	12	0	18.68	18.82	18.90	20	3
5	64QAM	12	7	18.71	18.90	18.89		
5	64QAM	12	13	18.59	18.79	18.84		
5	64QAM	25	0	18.68	18.81	18.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.62	21.75	21.85	23	0
3	QPSK	1	8	21.65	21.79	21.85		
3	QPSK	1	14	21.50	21.72	21.76		
3	QPSK	8	0	20.50	20.59	20.73	22	1
3	QPSK	8	4	20.47	20.71	20.73		
3	QPSK	8	7	20.41	20.61	20.70		
3	QPSK	15	0	20.46	20.60	20.69		
3	16QAM	1	0	20.72	20.85	20.96	22	1
3	16QAM	1	8	20.79	20.97	20.96		
3	16QAM	1	14	20.60	20.85	20.87		
3	16QAM	8	0	19.79	19.93	19.97	21	2
3	16QAM	8	4	19.78	19.97	19.98		
3	16QAM	8	7	19.70	19.87	19.91		
3	16QAM	15	0	19.69	19.83	19.92		
3	64QAM	1	0	19.61	19.77	19.80	21	2
3	64QAM	1	8	19.74	19.91	19.95		
3	64QAM	1	14	19.55	19.77	19.80		
3	64QAM	8	0	18.73	18.85	18.96	20	3
3	64QAM	8	4	18.73	18.93	18.95		
3	64QAM	8	7	18.65	18.83	18.86		
3	64QAM	15	0	18.66	18.81	18.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.52	21.68	21.70	23	0
1.4	QPSK	1	3	21.55	21.75	21.72		
1.4	QPSK	1	5	21.47	21.62	21.66		
1.4	QPSK	3	0	21.57	21.76	21.75		
1.4	QPSK	3	1	21.62	21.80	21.79		
1.4	QPSK	3	3	21.53	21.71	21.76		
1.4	QPSK	6	0	20.40	20.58	20.59	22	1
1.4	16QAM	1	0	20.60	20.81	20.87	22	1
1.4	16QAM	1	3	20.68	20.89	20.85		
1.4	16QAM	1	5	20.62	20.74	20.84		
1.4	16QAM	3	0	20.47	20.64	20.64		
1.4	16QAM	3	1	20.51	20.68	20.71		
1.4	16QAM	3	3	20.40	20.59	20.69		
1.4	16QAM	6	0	19.66	19.86	19.82	21	2
1.4	64QAM	1	0	19.56	19.78	19.80	21	2
1.4	64QAM	1	3	19.62	19.82	19.86		
1.4	64QAM	1	5	19.53	19.83	19.70		
1.4	64QAM	3	0	19.48	19.64	19.68		
1.4	64QAM	3	1	19.51	19.73	19.67		
1.4	64QAM	3	3	19.40	19.66	19.60		
1.4	64QAM	6	0	18.60	18.79	18.79	20	3

Band 4 (AWS Band)
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	21.65	21.78	21.65	23	0
20	QPSK	1	49	21.64	21.66	21.64		
20	QPSK	1	99	21.65	21.55	21.53		
20	QPSK	50	0	20.42	20.59	20.43	22	1
20	QPSK	50	24	20.58	20.54	20.50		
20	QPSK	50	50	20.49	20.48	20.44		
20	QPSK	100	0	20.45	20.46	20.37		
20	16QAM	1	0	20.52	20.57	20.59	22	1
20	16QAM	1	49	20.81	20.84	20.78		
20	16QAM	1	99	20.57	20.39	20.40		
20	16QAM	50	0	19.64	19.69	19.65	21	2
20	16QAM	50	24	19.78	19.73	19.67		
20	16QAM	50	50	19.67	19.71	19.62		
20	16QAM	100	0	19.67	19.65	19.58		
20	64QAM	1	0	19.40	19.45	19.42	21	2
20	64QAM	1	49	19.65	19.88	19.60		
20	64QAM	1	99	19.45	19.65	19.45		
20	64QAM	50	0	18.59	18.69	18.61	20	3
20	64QAM	50	24	18.77	18.73	18.65		
20	64QAM	50	50	18.66	18.69	18.64		
20	64QAM	100	0	18.69	18.68	18.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.47	21.59	21.50	23	0
15	QPSK	1	37	21.60	21.65	21.60		
15	QPSK	1	74	21.47	21.52	21.42		
15	QPSK	36	0	20.41	20.50	20.43	22	1
15	QPSK	36	20	20.55	20.54	20.56		
15	QPSK	36	39	20.48	20.53	20.44		
15	QPSK	75	0	20.50	20.48	20.43		
15	16QAM	1	0	20.62	20.71	20.68	22	1
15	16QAM	1	37	20.78	20.86	20.69		
15	16QAM	1	74	20.60	20.56	20.54		
15	16QAM	36	0	19.61	19.72	19.66	21	2
15	16QAM	36	20	19.84	19.72	19.75		
15	16QAM	36	39	19.68	19.73	19.68		
15	16QAM	75	0	19.71	19.70	19.61		
15	64QAM	1	0	19.48	19.51	19.50	21	2
15	64QAM	1	37	19.67	19.77	19.53		
15	64QAM	1	74	19.55	19.40	19.57		
15	64QAM	36	0	18.64	18.70	18.65	20	3
15	64QAM	36	20	18.74	18.72	18.76		
15	64QAM	36	39	18.69	18.71	18.66		
15	64QAM	75	0	18.71	18.69	18.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.33	21.43	21.35	23	0
10	QPSK	1	25	21.67	21.74	21.61		
10	QPSK	1	49	21.30	21.27	21.26		
10	QPSK	25	0	20.48	20.46	20.40	22	1
10	QPSK	25	12	20.50	20.54	20.42		
10	QPSK	25	25	20.37	20.46	20.36		
10	QPSK	50	0	20.44	20.42	20.40		
10	16QAM	1	0	20.53	20.65	20.59	22	1
10	16QAM	1	25	20.80	20.88	20.84		
10	16QAM	1	49	20.52	20.52	20.46		
10	16QAM	25	0	19.70	19.74	19.66	21	2
10	16QAM	25	12	19.75	19.76	19.70		
10	16QAM	25	25	19.60	19.71	19.62		
10	16QAM	50	0	19.64	19.68	19.61		
10	64QAM	1	0	19.51	19.55	19.50	21	2
10	64QAM	1	25	19.87	19.97	19.77		
10	64QAM	1	49	19.47	19.51	19.48		
10	64QAM	25	0	18.66	18.71	18.67	20	3
10	64QAM	25	12	18.77	18.78	18.72		
10	64QAM	25	25	18.59	18.68	18.62		
10	64QAM	50	0	18.59	18.65	18.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.60	21.64	21.64	23	0
5	QPSK	1	12	21.65	21.72	21.63		
5	QPSK	1	24	21.56	21.57	21.52		
5	QPSK	12	0	20.57	20.54	20.54	22	1
5	QPSK	12	7	20.53	20.57	20.51		
5	QPSK	12	13	20.46	20.54	20.44		
5	QPSK	25	0	20.50	20.55	20.47		
5	16QAM	1	0	20.77	20.80	20.74	22	1
5	16QAM	1	12	20.76	20.86	20.75		
5	16QAM	1	24	20.68	20.71	20.59		
5	16QAM	12	0	19.75	19.84	19.83	21	2
5	16QAM	12	7	19.80	19.85	19.82		
5	16QAM	12	13	19.72	19.78	19.73		
5	16QAM	25	0	19.68	19.77	19.72		
5	64QAM	1	0	19.65	19.69	19.71	21	2
5	64QAM	1	12	19.67	19.79	19.73		
5	64QAM	1	24	19.59	19.62	19.53		
5	64QAM	12	0	18.72	18.82	18.76	20	3
5	64QAM	12	7	18.74	18.84	18.75		
5	64QAM	12	13	18.70	18.77	18.67		
5	64QAM	25	0	18.70	18.76	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.62	21.65	21.65	23	0
3	QPSK	1	8	21.71	21.76	21.67		
3	QPSK	1	14	21.56	21.64	21.57		
3	QPSK	8	0	20.51	20.54	20.55	22	1
3	QPSK	8	4	20.56	20.54	20.53		
3	QPSK	8	7	20.46	20.55	20.46		
3	QPSK	15	0	20.51	20.53	20.48		
3	16QAM	1	0	20.79	20.77	20.79	22	1
3	16QAM	1	8	20.88	20.93	20.80		
3	16QAM	1	14	20.74	20.79	20.66		
3	16QAM	8	0	19.81	19.88	19.83	21	2
3	16QAM	8	4	19.78	19.84	19.80		
3	16QAM	8	7	19.76	19.89	19.77		
3	16QAM	15	0	19.76	19.82	19.76		
3	64QAM	1	0	19.72	19.72	19.69	21	2
3	64QAM	1	8	19.79	19.86	19.75		
3	64QAM	1	14	19.67	19.69	19.58		
3	64QAM	8	0	18.75	18.82	18.78	20	3
3	64QAM	8	4	18.79	18.81	18.78		
3	64QAM	8	7	18.69	18.85	18.73		
3	64QAM	15	0	18.70	18.79	18.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.55	21.56	21.52	23	0
1.4	QPSK	1	3	21.61	21.68	21.58		
1.4	QPSK	1	5	21.53	21.63	21.50		
1.4	QPSK	3	0	21.60	21.62	21.57		
1.4	QPSK	3	1	21.59	21.75	21.57		
1.4	QPSK	3	3	21.56	21.64	21.55		
1.4	QPSK	6	0	20.41	20.46	20.39	22	1
1.4	16QAM	1	0	20.69	20.73	20.64	22	1
1.4	16QAM	1	3	20.74	20.81	20.71		
1.4	16QAM	1	5	20.64	20.79	20.62		
1.4	16QAM	3	0	20.50	20.54	20.45		
1.4	16QAM	3	1	20.51	20.58	20.49		
1.4	16QAM	3	3	20.46	20.55	20.47		
1.4	16QAM	6	0	19.74	19.81	19.69	21	2
1.4	64QAM	1	0	19.69	19.67	19.60	21	2
1.4	64QAM	1	3	19.64	19.68	19.62		
1.4	64QAM	1	5	19.60	19.63	19.57		
1.4	64QAM	3	0	19.47	19.52	19.47		
1.4	64QAM	3	1	19.55	19.63	19.55		
1.4	64QAM	3	3	19.48	19.55	19.50		
1.4	64QAM	6	0	18.63	18.75	18.64	20	3

Band 5 (Celluar Band)
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	22.39	22.45	22.29	23.5	0
10	QPSK	1	25	22.38	22.38	22.24		
10	QPSK	1	49	22.31	22.23	22.13		
10	QPSK	25	0	21.26	21.35	21.10	22.5	1
10	QPSK	25	12	21.34	21.16	21.22		
10	QPSK	25	25	21.28	21.19	21.11		
10	QPSK	50	0	21.23	21.24	21.10		
10	16QAM	1	0	21.61	21.50	21.44	22.5	1
10	16QAM	1	25	21.56	21.46	21.39		
10	16QAM	1	49	21.50	21.44	21.32		
10	16QAM	25	0	20.41	20.41	20.33	21.5	2
10	16QAM	25	12	20.48	20.37	20.36		
10	16QAM	25	25	20.45	20.41	20.31		
10	16QAM	50	0	20.46	20.29	20.28		
10	64QAM	1	0	20.59	20.55	20.49	21.5	2
10	64QAM	1	25	20.50	20.48	20.40		
10	64QAM	1	49	20.49	20.46	20.30		
10	64QAM	25	0	19.47	19.38	19.31	20.5	3
10	64QAM	25	12	19.51	19.38	19.40		
10	64QAM	25	25	19.44	19.42	19.28		
10	64QAM	50	0	19.41	19.26	19.29		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.38	22.23	22.10	23.5	0
5	QPSK	1	12	22.43	22.36	22.20		
5	QPSK	1	24	22.35	22.24	22.07		
5	QPSK	12	0	21.29	21.19	21.06	22.5	1
5	QPSK	12	7	21.35	21.24	21.09		
5	QPSK	12	13	21.28	21.20	21.02		
5	QPSK	25	0	21.31	21.15	21.02		
5	16QAM	1	0	21.53	21.36	21.26	22.5	1
5	16QAM	1	12	21.51	21.46	21.33		
5	16QAM	1	24	21.53	21.41	21.24		
5	16QAM	12	0	20.52	20.39	20.23	21.5	2
5	16QAM	12	7	20.53	20.47	20.26		
5	16QAM	12	13	20.50	20.41	20.29		
5	16QAM	25	0	20.53	20.35	20.23		
5	64QAM	1	0	20.49	20.31	20.18	21.5	2
5	64QAM	1	12	20.44	20.40	20.19		
5	64QAM	1	24	20.39	20.31	20.13		
5	64QAM	12	0	19.51	19.36	19.24	20.5	3
5	64QAM	12	7	19.55	19.47	19.25		
5	64QAM	12	13	19.49	19.36	19.27		
5	64QAM	25	0	19.51	19.35	19.22		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.40	22.25	22.17	23.5	0
3	QPSK	1	8	22.44	22.36	22.23		
3	QPSK	1	14	22.37	22.29	22.09		
3	QPSK	8	0	21.29	21.14	21.05	22.5	1
3	QPSK	8	4	21.33	21.23	21.08		
3	QPSK	8	7	21.29	21.19	21.01		
3	QPSK	15	0	21.33	21.20	21.03		
3	16QAM	1	0	21.48	21.34	21.29	22.5	1
3	16QAM	1	8	21.64	21.49	21.36		
3	16QAM	1	14	21.52	21.41	21.25		
3	16QAM	8	0	20.56	20.41	20.32	21.5	2
3	16QAM	8	4	20.58	20.50	20.33		
3	16QAM	8	7	20.53	20.46	20.29		
3	16QAM	15	0	20.52	20.44	20.26		
3	64QAM	1	0	20.39	20.24	20.20	21.5	2
3	64QAM	1	8	20.51	20.44	20.25		
3	64QAM	1	14	20.44	20.35	20.14		
3	64QAM	8	0	19.51	19.39	19.26	20.5	3
3	64QAM	8	4	19.55	19.47	19.31		
3	64QAM	8	7	19.51	19.42	19.26		
3	64QAM	15	0	19.53	19.39	19.25		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.35	22.25	22.03	23.5	0
1.4	QPSK	1	3	22.38	22.26	22.10		
1.4	QPSK	1	5	22.34	22.23	22.05		
1.4	QPSK	3	0	22.34	22.23	22.08		
1.4	QPSK	3	1	22.37	22.29	22.10		
1.4	QPSK	3	3	22.33	22.23	22.07		
1.4	QPSK	6	0	21.23	21.15	20.95	22.5	1
1.4	16QAM	1	0	21.48	21.32	21.17	22.5	1
1.4	16QAM	1	3	21.52	21.44	21.26		
1.4	16QAM	1	5	21.43	21.30	21.17		
1.4	16QAM	3	0	21.24	21.14	20.99		
1.4	16QAM	3	1	21.29	21.22	21.02		
1.4	16QAM	3	3	21.24	21.16	20.98		
1.4	16QAM	6	0	20.51	20.41	20.22	21.5	2
1.4	64QAM	1	0	20.42	20.28	20.09	21.5	2
1.4	64QAM	1	3	20.45	20.32	20.14		
1.4	64QAM	1	5	20.35	20.25	20.09		
1.4	64QAM	3	0	20.27	20.22	20.00		
1.4	64QAM	3	1	20.33	20.24	20.08		
1.4	64QAM	3	3	20.24	20.14	19.99		
1.4	64QAM	6	0	19.43	19.33	19.16	20.5	3

Band 12 (700MHz Low Band)
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	22.31	22.49	22.33	23.5	0
10	QPSK	1	25	22.38	22.40	22.37		
10	QPSK	1	49	22.40	22.40	22.32		
10	QPSK	25	0	21.07	21.34	21.14	22.5	1
10	QPSK	25	12	21.25	21.26	21.33		
10	QPSK	25	25	21.27	21.27	21.27		
10	QPSK	50	0	21.22	21.27	21.26		
10	16QAM	1	0	21.52	21.50	21.52	22.5	1
10	16QAM	1	25	21.56	21.58	21.50		
10	16QAM	1	49	21.66	21.54	21.53		
10	16QAM	25	0	20.32	20.40	20.36	21.5	2
10	16QAM	25	12	20.49	20.49	20.54		
10	16QAM	25	25	20.44	20.49	20.46		
10	16QAM	50	0	20.44	20.42	20.52		
10	64QAM	1	0	20.57	20.52	20.60	21.5	2
10	64QAM	1	25	20.60	20.64	20.64		
10	64QAM	1	49	20.68	20.64	20.58		
10	64QAM	25	0	19.31	19.38	19.38	20.5	3
10	64QAM	25	12	19.54	19.53	19.60		
10	64QAM	25	25	19.43	19.51	19.52		
10	64QAM	50	0	19.41	19.44	19.48		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.26	22.31	22.34	23.5	0
5	QPSK	1	12	22.35	22.44	22.41		
5	QPSK	1	24	22.33	22.42	22.38		
5	QPSK	12	0	21.26	21.23	21.23	22.5	1
5	QPSK	12	7	21.26	21.26	21.30		
5	QPSK	12	13	21.25	21.27	21.24		
5	QPSK	25	0	21.23	21.23	21.20		
5	16QAM	1	0	21.38	21.45	21.48	22.5	1
5	16QAM	1	12	21.45	21.57	21.48		
5	16QAM	1	24	21.46	21.53	21.52		
5	16QAM	12	0	20.48	20.51	20.50	21.5	2
5	16QAM	12	7	20.48	20.54	20.54		
5	16QAM	12	13	20.48	20.57	20.51		
5	16QAM	25	0	20.44	20.48	20.47		
5	64QAM	1	0	20.31	20.37	20.37	21.5	2
5	64QAM	1	12	20.38	20.40	20.36		
5	64QAM	1	24	20.42	20.41	20.43		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.44	19.53	19.54		
5	64QAM	12	13	19.45	19.53	19.50		
5	64QAM	25	0	19.46	19.50	19.46		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.38	22.35	22.34	23.5	0
3	QPSK	1	8	22.39	22.48	22.42		
3	QPSK	1	14	22.33	22.41	22.32		
3	QPSK	8	0	21.23	21.23	21.20	22.5	1
3	QPSK	8	4	21.25	21.24	21.27		
3	QPSK	8	7	21.23	21.28	21.21		
3	QPSK	15	0	21.25	21.26	21.17		
3	16QAM	1	0	21.48	21.48	21.49	22.5	1
3	16QAM	1	8	21.54	21.58	21.49		
3	16QAM	1	14	21.46	21.54	21.46		
3	16QAM	8	0	20.50	20.54	20.48	21.5	2
3	16QAM	8	4	20.52	20.55	20.58		
3	16QAM	8	7	20.51	20.60	20.54		
3	16QAM	15	0	20.46	20.54	20.45		
3	64QAM	1	0	20.39	20.38	20.38	21.5	2
3	64QAM	1	8	20.45	20.54	20.50		
3	64QAM	1	14	20.38	20.47	20.36		
3	64QAM	8	0	19.46	19.48	19.46	20.5	3
3	64QAM	8	4	19.48	19.55	19.53		
3	64QAM	8	7	19.44	19.57	19.48		
3	64QAM	15	0	19.44	19.52	19.46		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.30	22.24	22.24	23.5	0
1.4	QPSK	1	3	22.34	22.38	22.28		
1.4	QPSK	1	5	22.28	22.33	22.23		
1.4	QPSK	3	0	22.31	22.30	22.28		
1.4	QPSK	3	1	22.33	22.31	22.32		
1.4	QPSK	3	3	22.28	22.35	22.27		
1.4	QPSK	6	0	21.17	21.14	21.16	22.5	1
1.4	16QAM	1	0	21.41	21.39	21.39	22.5	1
1.4	16QAM	1	3	21.50	21.54	21.44		
1.4	16QAM	1	5	21.44	21.44	21.39		
1.4	16QAM	3	0	21.22	21.21	21.19		
1.4	16QAM	3	1	21.26	21.26	21.24		
1.4	16QAM	3	3	21.20	21.23	21.14		
1.4	16QAM	6	0	20.44	20.47	20.49	21.5	2
1.4	64QAM	1	0	20.33	20.36	20.33	21.5	2
1.4	64QAM	1	3	20.33	20.38	20.31		
1.4	64QAM	1	5	20.29	20.42	20.36		
1.4	64QAM	3	0	20.23	20.20	20.21		
1.4	64QAM	3	1	20.27	20.31	20.29		
1.4	64QAM	3	3	20.22	20.28	20.21		
1.4	64QAM	6	0	19.35	19.39	19.36	20.5	3

Band 25 (1900MHz Band) Only for ENDC
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	21.91	22.17	22.10	23	0
20	QPSK	1	49	21.90	22.11	21.93		
20	QPSK	1	99	21.93	22.10	22.07		
20	QPSK	50	0	20.82	20.99	20.93	22	1
20	QPSK	50	24	20.86	20.95	20.90		
20	QPSK	50	50	20.77	20.96	20.98		
20	QPSK	100	0	20.75	20.87	20.85		
20	16QAM	1	0	21.17	21.17	21.27	22	1
20	16QAM	1	49	21.20	21.20	21.26		
20	16QAM	1	99	20.90	21.27	21.22		
20	16QAM	50	0	20.04	20.00	20.12	21	2
20	16QAM	50	24	20.08	20.09	20.14		
20	16QAM	50	50	20.04	20.15	20.15		
20	16QAM	100	0	19.92	20.15	20.10		
20	64QAM	1	0	20.08	20.17	20.11	21	2
20	64QAM	1	49	20.14	20.01	19.98		
20	64QAM	1	99	19.78	20.21	19.96		
20	64QAM	50	0	19.06	19.03	19.08	20	3
20	64QAM	50	24	19.01	19.17	19.28		
20	64QAM	50	50	19.04	19.15	19.20		
20	64QAM	100	0	18.92	19.07	19.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.76	21.98	22.09	23	0
15	QPSK	1	37	21.93	22.04	22.04		
15	QPSK	1	74	21.79	22.03	22.01		
15	QPSK	36	0	20.70	20.79	20.88	22	1
15	QPSK	36	20	20.85	20.91	21.07		
15	QPSK	36	39	20.84	20.94	20.96		
15	QPSK	75	0	20.72	20.84	20.79		
15	16QAM	1	0	21.02	21.04	21.11	22	1
15	16QAM	1	37	20.98	21.07	21.38		
15	16QAM	1	74	20.89	21.21	21.15		
15	16QAM	36	0	19.94	19.87	19.99	21	2
15	16QAM	36	20	20.06	20.11	20.15		
15	16QAM	36	39	19.89	20.09	20.08		
15	16QAM	75	0	20.04	20.09	20.01		
15	64QAM	1	0	20.07	20.01	19.95	21	2
15	64QAM	1	37	20.00	20.07	20.14		
15	64QAM	1	74	19.79	20.20	19.99		
15	64QAM	36	0	19.05	19.04	19.05	20	3
15	64QAM	36	20	19.08	19.08	19.11		
15	64QAM	36	39	19.15	19.10	19.07		
15	64QAM	75	0	18.99	19.12	19.06		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.67	21.85	22.01	23	0
10	QPSK	1	25	22.01	22.01	22.10		
10	QPSK	1	49	21.63	21.87	22.04		
10	QPSK	25	0	20.70	20.83	20.80	22	1
10	QPSK	25	12	20.85	21.02	20.94		
10	QPSK	25	25	20.75	20.96	20.98		
10	QPSK	50	0	20.74	20.90	20.90		
10	16QAM	1	0	20.96	20.96	21.02	22	1
10	16QAM	1	25	21.01	21.08	21.04		
10	16QAM	1	49	20.95	20.93	21.28		
10	16QAM	25	0	19.89	19.98	20.08	21	2
10	16QAM	25	12	20.06	20.28	20.13		
10	16QAM	25	25	19.92	20.09	20.04		
10	16QAM	50	0	19.85	20.09	20.08		
10	64QAM	1	0	20.04	19.94	20.08	21	2
10	64QAM	1	25	20.04	20.36	20.11		
10	64QAM	1	49	20.03	20.13	20.30		
10	64QAM	25	0	19.02	19.07	19.07	20	3
10	64QAM	25	12	19.09	19.07	19.04		
10	64QAM	25	25	19.05	19.09	19.10		
10	64QAM	50	0	19.06	19.08	19.13		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.92	21.97	22.16	23	0
5	QPSK	1	12	21.95	21.93	22.07		
5	QPSK	1	24	21.93	21.98	22.01		
5	QPSK	12	0	20.79	20.83	20.99	22	1
5	QPSK	12	7	20.88	20.94	21.00		
5	QPSK	12	13	20.83	20.99	20.95		
5	QPSK	25	0	20.74	20.98	20.96		
5	16QAM	1	0	21.00	20.98	21.17	22	1
5	16QAM	1	12	20.93	21.09	21.18		
5	16QAM	1	24	20.96	21.14	21.30		
5	16QAM	12	0	19.95	20.16	20.14	21	2
5	16QAM	12	7	20.07	20.23	20.26		
5	16QAM	12	13	19.98	20.16	20.21		
5	16QAM	25	0	20.00	20.12	20.21		
5	64QAM	1	0	19.92	19.94	19.83	21	2
5	64QAM	1	12	19.99	20.03	19.97		
5	64QAM	1	24	19.97	20.03	19.94		
5	64QAM	12	0	19.06	19.04	19.02	20	3
5	64QAM	12	7	18.97	19.16	19.01		
5	64QAM	12	13	19.03	19.03	19.03		
5	64QAM	25	0	19.04	19.05	19.18		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.00	22.05	22.05	23	0
3	QPSK	1	8	21.97	22.22	22.14		
3	QPSK	1	14	21.97	22.13	21.97		
3	QPSK	8	0	20.83	20.97	20.88	22	1
3	QPSK	8	4	20.90	21.05	20.97		
3	QPSK	8	7	20.81	21.02	21.00		
3	QPSK	15	0	20.85	20.98	20.93		
3	16QAM	1	0	21.07	21.00	21.05	22	1
3	16QAM	1	8	21.15	21.11	21.20		
3	16QAM	1	14	21.04	21.16	21.24		
3	16QAM	8	0	20.12	20.17	20.19	21	2
3	16QAM	8	4	20.16	20.27	20.21		
3	16QAM	8	7	20.10	20.16	20.22		
3	16QAM	15	0	20.11	20.19	20.14		
3	64QAM	1	0	19.98	20.05	20.07	21	2
3	64QAM	1	8	20.00	20.11	20.08		
3	64QAM	1	14	20.14	20.06	20.03		
3	64QAM	8	0	19.07	19.09	19.05	20	3
3	64QAM	8	4	19.03	19.22	19.14		
3	64QAM	8	7	19.13	19.06	19.12		
3	64QAM	15	0	19.11	19.14	19.17		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.82	21.77	21.86	23	0
1.4	QPSK	1	3	21.90	21.95	21.93		
1.4	QPSK	1	5	21.85	21.98	21.89		
1.4	QPSK	3	0	21.84	21.94	21.93		
1.4	QPSK	3	1	21.86	21.97	21.93		
1.4	QPSK	3	3	21.85	22.11	21.99		
1.4	QPSK	6	0	20.74	20.83	20.81	22	1
1.4	16QAM	1	0	21.06	20.92	21.00	22	1
1.4	16QAM	1	3	20.91	21.15	21.13		
1.4	16QAM	1	5	20.81	21.00	21.12		
1.4	16QAM	3	0	20.72	20.85	20.92		
1.4	16QAM	3	1	20.79	20.87	20.93		
1.4	16QAM	3	3	20.66	20.81	20.76		
1.4	16QAM	6	0	19.99	20.19	20.11	21	2
1.4	64QAM	1	0	19.76	19.92	19.94	21	2
1.4	64QAM	1	3	19.92	19.90	19.95		
1.4	64QAM	1	5	19.83	19.97	20.04		
1.4	64QAM	3	0	19.76	19.87	20.05		
1.4	64QAM	3	1	19.83	19.92	20.07		
1.4	64QAM	3	3	19.87	19.82	19.85		
1.4	64QAM	6	0	19.07	19.09	19.06	20	3

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.85		23	0
10	QPSK	1	25		21.80			
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.62		22	1
10	QPSK	25	12		20.61			
10	QPSK	25	25		20.60			
10	QPSK	50	0		20.56			
10	16QAM	1	0		20.99		22	1
10	16QAM	1	25		20.94			
10	16QAM	1	49		20.93			
10	16QAM	25	0		19.77		21	2
10	16QAM	25	12		19.81			
10	16QAM	25	25		19.81			
10	16QAM	50	0		19.75			
10	64QAM	1	0		19.97		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.88			
10	64QAM	25	0		18.75		20	3
10	64QAM	25	12		18.85			
10	64QAM	25	25		18.83			
10	64QAM	50	0		18.72			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.67	21.70	21.69	23	0
5	QPSK	1	12	21.82	21.84	21.83		
5	QPSK	1	24	21.76	21.78	21.79		
5	QPSK	12	0	20.66	20.66	20.64	22	1
5	QPSK	12	7	20.70	20.74	20.73		
5	QPSK	12	13	20.65	20.70	20.67		
5	QPSK	25	0	20.70	20.68	20.67		
5	16QAM	1	0	20.83	20.84	20.83	22	1
5	16QAM	1	12	20.95	20.97	20.95		
5	16QAM	1	24	20.94	20.90	20.95		
5	16QAM	12	0	19.89	19.82	19.87	21	2
5	16QAM	12	7	19.96	19.98	19.97		
5	16QAM	12	13	19.91	19.91	19.90		
5	16QAM	25	0	19.91	19.90	19.88		
5	64QAM	1	0	19.76	19.78	19.79	21	2
5	64QAM	1	12	19.85	19.85	19.82		
5	64QAM	1	24	19.78	19.78	19.78		
5	64QAM	12	0	18.89	18.79	18.83	20	3
5	64QAM	12	7	18.95	18.96	18.89		
5	64QAM	12	13	18.90	18.89	18.89		
5	64QAM	25	0	18.85	18.91	18.88		

Band 66								
BW [MHz]	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	21.65	21.80	21.65	23	0
20	QPSK	1	49	21.63	21.67	21.47		
20	QPSK	1	99	21.56	21.85	21.44		
20	QPSK	50	0	20.53	20.62	20.41	22	1
20	QPSK	50	24	20.61	20.59	20.39		
20	QPSK	50	50	20.45	20.52	20.35		
20	QPSK	100	0	20.52	20.53	20.30		
20	16QAM	1	0	20.59	20.58	20.82	22	1
20	16QAM	1	49	20.83	20.87	20.62		
20	16QAM	1	99	20.55	20.50	20.50		
20	16QAM	50	0	19.74	19.80	19.62	21	2
20	16QAM	50	24	19.84	19.81	19.61		
20	16QAM	50	50	19.67	19.71	19.53		
20	16QAM	100	0	19.72	19.71	19.53		
20	64QAM	1	0	19.51	19.51	19.81	21	2
20	64QAM	1	49	19.78	19.78	19.44		
20	64QAM	1	99	19.46	19.35	19.48		
20	64QAM	50	0	18.71	18.75	18.61	20	3
20	64QAM	50	24	18.81	18.79	18.58		
20	64QAM	50	50	18.65	18.72	18.51		
20	64QAM	100	0	18.72	18.68	18.52		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.56	21.64	21.61	23	0
15	QPSK	1	37	21.62	21.68	21.45		
15	QPSK	1	74	21.42	21.51	21.39		
15	QPSK	36	0	20.51	20.60	20.41	22	1
15	QPSK	36	20	20.54	20.57	20.45		
15	QPSK	36	39	20.48	20.55	20.33		
15	QPSK	75	0	20.53	20.53	20.34		
15	16QAM	1	0	20.67	20.76	20.72	22	1
15	16QAM	1	37	20.76	20.89	20.59		
15	16QAM	1	74	20.59	20.62	20.56		
15	16QAM	36	0	19.71	19.85	19.61	21	2
15	16QAM	36	20	19.77	19.81	19.65		
15	16QAM	36	39	19.67	19.77	19.52		
15	16QAM	75	0	19.74	19.77	19.54		
15	64QAM	1	0	19.59	19.79	19.70	21	2
15	64QAM	1	37	19.65	19.82	19.45		
15	64QAM	1	74	19.48	19.55	19.57		
15	64QAM	36	0	18.70	18.80	18.61	20	3
15	64QAM	36	20	18.76	18.80	18.65		
15	64QAM	36	39	18.66	18.77	18.55		
15	64QAM	75	0	18.74	18.75	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.41	21.50	21.35	23	0
10	QPSK	1	25	21.65	21.75	21.50		
10	QPSK	1	49	21.34	21.47	21.45		
10	QPSK	25	0	20.51	20.50	20.31	22	1
10	QPSK	25	12	20.55	20.53	20.31		
10	QPSK	25	25	20.44	20.50	20.31		
10	QPSK	50	0	20.50	20.50	20.31		
10	16QAM	1	0	20.50	20.59	20.43	22	1
10	16QAM	1	25	20.77	20.88	20.69		
10	16QAM	1	49	20.53	20.60	20.54		
10	16QAM	25	0	19.69	19.71	19.51	21	2
10	16QAM	25	12	19.78	19.80	19.56		
10	16QAM	25	25	19.65	19.73	19.53		
10	16QAM	50	0	19.70	19.72	19.45		
10	64QAM	1	0	19.58	19.65	19.39	21	2
10	64QAM	1	25	19.85	19.65	19.65		
10	64QAM	1	49	19.51	19.67	19.47		
10	64QAM	25	0	18.74	18.77	18.56	20	3
10	64QAM	25	12	18.79	18.83	18.60		
10	64QAM	25	25	18.63	18.75	18.45		
10	64QAM	50	0	18.65	18.68	18.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.65	21.68	21.49	23	0
5	QPSK	1	12	21.65	21.72	21.48		
5	QPSK	1	24	21.53	21.64	21.42		
5	QPSK	12	0	20.59	20.63	20.46	22	1
5	QPSK	12	7	20.59	20.61	20.39		
5	QPSK	12	13	20.50	20.59	20.31		
5	QPSK	25	0	20.53	20.55	20.34		
5	16QAM	1	0	20.75	20.78	20.62	22	1
5	16QAM	1	12	20.77	20.81	20.56		
5	16QAM	1	24	20.69	20.74	20.45		
5	16QAM	12	0	19.82	19.85	19.66	21	2
5	16QAM	12	7	19.84	19.82	19.62		
5	16QAM	12	13	19.72	19.78	19.52		
5	16QAM	25	0	19.76	19.78	19.58		
5	64QAM	1	0	19.74	19.72	19.58	21	2
5	64QAM	1	12	19.72	19.84	19.49		
5	64QAM	1	24	19.63	19.70	19.39		
5	64QAM	12	0	18.78	18.81	18.58	20	3
5	64QAM	12	7	18.76	18.79	18.61		
5	64QAM	12	13	18.70	18.76	18.51		
5	64QAM	25	0	18.77	18.79	18.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.74	21.73	21.53	23	0
3	QPSK	1	8	21.71	21.78	21.48		
3	QPSK	1	14	21.57	21.66	21.40		
3	QPSK	8	0	20.61	20.63	20.44	22	1
3	QPSK	8	4	20.58	20.62	20.42		
3	QPSK	8	7	20.54	20.61	20.33		
3	QPSK	15	0	20.52	20.55	20.38		
3	16QAM	1	0	20.80	20.75	20.62	22	1
3	16QAM	1	8	20.74	20.89	20.58		
3	16QAM	1	14	20.65	20.77	20.43		
3	16QAM	8	0	19.83	19.86	19.67	21	2
3	16QAM	8	4	19.82	19.83	19.64		
3	16QAM	8	7	19.78	19.84	19.60		
3	16QAM	15	0	19.76	19.81	19.58		
3	64QAM	1	0	19.72	19.83	19.59	21	2
3	64QAM	1	8	19.75	19.88	19.57		
3	64QAM	1	14	19.65	19.76	19.48		
3	64QAM	8	0	18.78	18.83	18.63	20	3
3	64QAM	8	4	18.78	18.81	18.59		
3	64QAM	8	7	18.72	18.79	18.52		
3	64QAM	15	0	18.78	18.78	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.54	21.59	21.40	23	0
1.4	QPSK	1	3	21.57	21.68	21.40		
1.4	QPSK	1	5	21.49	21.58	21.29		
1.4	QPSK	3	0	21.58	21.64	21.41		
1.4	QPSK	3	1	21.61	21.67	21.41		
1.4	QPSK	3	3	21.56	21.65	21.37		
1.4	QPSK	6	0	20.48	20.48	20.24	22	1
1.4	16QAM	1	0	20.67	20.72	20.47	22	1
1.4	16QAM	1	3	20.71	20.81	20.54		
1.4	16QAM	1	5	20.59	20.72	20.43		
1.4	16QAM	3	0	20.48	20.52	20.32		
1.4	16QAM	3	1	20.50	20.59	20.34		
1.4	16QAM	3	3	20.45	20.51	20.27		
1.4	16QAM	6	0	19.75	19.78	19.54	21	2
1.4	64QAM	1	0	19.65	19.67	19.51	21	2
1.4	64QAM	1	3	19.67	19.73	19.45		
1.4	64QAM	1	5	19.58	19.72	19.42		
1.4	64QAM	3	0	19.51	19.54	19.33		
1.4	64QAM	3	1	19.51	19.62	19.36		
1.4	64QAM	3	3	19.44	19.53	19.29		
1.4	64QAM	6	0	18.65	18.68	18.46	20	3

Band 41 (2.6G Band) Only for ENDC

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	22.01	21.83	22.08	21.88	22.06	23	0
20	QPSK	1	49	21.98	21.88	21.85	21.98	21.99		
20	QPSK	1	99	21.96	21.84	22.02	21.82	22.03		
20	QPSK	50	0	20.87	20.48	20.95	20.78	20.45	22	1
20	QPSK	50	24	20.88	20.49	20.64	20.77	20.45		
20	QPSK	50	50	20.84	20.53	20.86	20.66	20.56		
20	QPSK	100	0	20.81	20.39	20.87	20.77	20.45		
20	16QAM	1	0	20.96	20.60	20.58	20.81	20.53	22	1
20	16QAM	1	49	20.89	20.59	20.68	20.66	20.59		
20	16QAM	1	99	20.89	20.52	20.55	20.66	20.55		
20	16QAM	50	0	20.12	19.70	19.74	20.00	19.72	21	2
20	16QAM	50	24	20.12	19.71	19.87	19.99	19.70		
20	16QAM	50	50	20.08	19.65	19.85	19.89	19.72		
20	16QAM	100	0	20.01	19.59	19.75	19.98	19.70		
20	64QAM	1	0	20.74	20.45	20.61	20.56	20.56	21	2
20	64QAM	1	49	20.61	20.34	20.63	20.40	20.57		
20	64QAM	1	99	20.59	20.28	20.53	20.36	20.32		
20	64QAM	50	0	19.64	19.65	19.67	19.94	19.67	20	3
20	64QAM	50	24	19.69	19.64	19.80	19.91	19.66		
20	64QAM	50	50	19.57	19.60	19.80	19.82	19.82		
20	64QAM	100	0	19.63	19.64	19.78	19.80	19.73		
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	22.01	21.74	21.60	21.75	21.83	23	0
15	QPSK	1	37	21.96	21.60	21.78	21.71	21.89		
15	QPSK	1	74	21.97	21.79	21.65	21.77	21.75		
15	QPSK	36	0	20.88	20.66	20.55	20.74	20.79	22	1
15	QPSK	36	20	20.88	20.69	20.61	20.71	20.75		
15	QPSK	36	39	20.86	20.64	20.66	20.63	20.74		
15	QPSK	75	0	20.85	20.46	20.60	20.72	20.77		
15	16QAM	1	0	20.95	20.74	20.48	20.75	20.71	22	1
15	16QAM	1	37	20.85	20.50	20.67	20.61	20.58		
15	16QAM	1	74	20.91	20.66	20.58	20.69	20.69		
15	16QAM	36	0	20.05	19.61	19.71	19.88	19.59	21	2
15	16QAM	36	20	20.05	19.65	19.80	19.80	19.79		
15	16QAM	36	39	20.05	19.76	19.84	19.78	19.77		
15	16QAM	75	0	20.06	19.65	19.78	19.92	19.72		
15	64QAM	1	0	20.74	20.35	20.40	20.54	20.37	21	2
15	64QAM	1	37	20.65	20.38	20.49	20.42	20.31		
15	64QAM	1	74	20.62	20.33	20.42	20.36	20.31		
15	64QAM	36	0	19.88	19.64	19.72	19.93	19.65	20	3
15	64QAM	36	20	19.87	19.69	19.81	19.91	19.62		
15	64QAM	36	39	19.85	19.57	19.84	19.82	19.60		
15	64QAM	75	0	19.82	19.63	19.78	19.93	19.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.94	21.77	21.63	22.06	21.83	23	0
10	QPSK	1	25	22.05	21.73	22.00	21.90	21.84		
10	QPSK	1	49	21.99	21.72	21.68	22.03	21.77		
10	QPSK	25	0	20.84	20.53	20.70	20.98	20.76	22	1
10	QPSK	25	12	20.87	20.98	20.81	20.80	20.77		
10	QPSK	25	25	20.83	20.95	20.85	20.95	20.73		
10	QPSK	50	0	20.82	20.51	20.72	20.70	20.75		
10	16QAM	1	0	20.95	20.69	20.66	21.01	20.77	22	1
10	16QAM	1	25	20.92	20.91	20.86	21.03	20.79		
10	16QAM	1	49	20.87	20.65	20.61	20.98	20.74		
10	16QAM	25	0	20.07	19.83	20.20	20.18	19.93	21	2
10	16QAM	25	12	20.10	19.88	20.06	20.26	20.01		
10	16QAM	25	25	20.05	19.76	20.02	20.07	19.96		
10	16QAM	50	0	20.03	19.83	20.30	20.23	20.01		
10	64QAM	1	0	20.78	20.59	20.45	20.89	20.58	21	2
10	64QAM	1	25	20.78	20.58	20.76	20.91	20.74		
10	64QAM	1	49	20.79	20.59	20.56	20.67	20.79		
10	64QAM	25	0	19.82	19.55	19.79	19.83	19.71	20	3
10	64QAM	25	12	19.87	19.64	19.81	19.97	19.78		
10	64QAM	25	25	19.87	19.53	19.79	19.83	19.69		
10	64QAM	50	0	19.75	19.54	19.69	19.67	19.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.03	21.73	21.86	22.06	21.78	23	0
5	QPSK	1	12	21.94	21.68	21.88	22.06	21.77		
5	QPSK	1	24	21.98	21.62	21.90	22.01	21.78		
5	QPSK	12	0	20.91	20.62	20.78	20.95	20.78	22	1
5	QPSK	12	7	20.92	20.65	20.90	20.98	20.76		
5	QPSK	12	13	20.90	20.63	20.88	20.97	20.77		
5	QPSK	25	0	20.91	20.60	20.80	20.97	20.74		
5	16QAM	1	0	20.97	20.65	20.82	20.98	20.81	22	1
5	16QAM	1	12	21.03	20.73	20.94	21.08	20.78		
5	16QAM	1	24	20.98	20.63	20.96	21.01	20.81		
5	16QAM	12	0	20.08	19.81	20.04	20.14	19.92	21	2
5	16QAM	12	7	20.09	19.79	20.12	20.16	19.93		
5	16QAM	12	13	20.09	19.78	20.06	20.14	19.94		
5	16QAM	25	0	20.13	19.85	20.07	20.21	19.97		
5	64QAM	1	0	20.75	20.41	20.57	20.75	20.55	21	2
5	64QAM	1	12	20.75	20.45	20.66	20.77	20.51		
5	64QAM	1	24	20.74	20.36	20.60	20.77	20.49		
5	64QAM	12	0	19.85	19.57	19.75	19.91	19.70	20	3
5	64QAM	12	7	19.86	19.56	19.91	19.94	19.71		
5	64QAM	12	13	19.84	19.54	19.83	19.90	19.70		
5	64QAM	25	0	19.84	19.54	19.79	19.92	19.70		

Band 41 (2.6G Band) HPUE (Limit 27) Only for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.91	24.96	25.06	24.81	24.78	26	0
20	QPSK	1	49	24.88	24.95	24.87	24.75	24.68		
20	QPSK	1	99	24.91	24.92	24.64	24.79	24.75		
20	QPSK	50	0	23.88	23.90	23.95	23.83	23.70	25	1
20	QPSK	50	24	23.90	23.90	23.76	23.85	23.68		
20	QPSK	50	50	23.87	23.88	23.76	23.82	23.66		
20	QPSK	100	0	23.80	23.81	23.85	23.82	23.70		
20	16QAM	1	0	24.12	24.20	24.04	23.98	23.91	25	1
20	16QAM	1	49	24.07	24.06	24.05	23.95	23.83		
20	16QAM	1	99	24.02	24.02	23.82	23.91	24.00		
20	16QAM	50	0	23.07	23.14	22.85	23.06	22.92	24	2
20	16QAM	50	24	23.08	23.16	23.01	23.03	22.92		
20	16QAM	50	50	23.11	23.09	22.98	23.07	22.91		
20	16QAM	100	0	23.02	23.02	22.85	23.04	22.93		
20	64QAM	1	0	23.09	23.12	23.02	22.96	23.09	24	2
20	64QAM	1	49	22.96	22.99	23.17	22.86	22.92		
20	64QAM	1	99	22.98	22.88	22.88	22.87	23.01		
20	64QAM	50	0	22.01	22.04	21.76	21.99	21.83	23	3
20	64QAM	50	24	22.06	22.06	21.88	22.00	21.81		
20	64QAM	50	50	22.00	22.02	21.92	21.98	21.82		
20	64QAM	100	0	22.04	22.06	21.86	22.07	21.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.96	24.81	24.61	24.84	24.66	26	0
15	QPSK	1	37	24.95	24.99	24.80	24.79	24.63		
15	QPSK	1	74	24.99	24.82	24.72	24.89	24.71		
15	QPSK	36	0	23.93	23.91	23.66	23.84	23.70	25	1
15	QPSK	36	20	23.93	23.95	23.77	23.82	23.67		
15	QPSK	36	39	23.87	23.85	23.81	23.82	23.66		
15	QPSK	75	0	23.86	23.91	23.69	23.85	23.69		
15	16QAM	1	0	24.18	23.99	23.80	23.97	23.90	25	1
15	16QAM	1	37	24.03	24.07	24.13	23.90	23.79		
15	16QAM	1	74	24.06	23.84	24.00	23.99	23.93		
15	16QAM	36	0	23.09	23.08	22.83	23.02	22.88	24	2
15	16QAM	36	20	23.09	23.12	22.94	23.02	22.87		
15	16QAM	36	39	23.08	23.01	22.99	23.00	22.84		
15	16QAM	75	0	23.08	23.09	22.91	23.05	22.89		
15	64QAM	1	0	23.09	22.94	22.85	22.93	22.95	24	2
15	64QAM	1	37	23.04	23.04	23.16	22.90	22.86		
15	64QAM	1	74	22.99	22.73	23.11	22.91	23.03		
15	64QAM	36	0	21.85	21.86	21.81	21.81	21.82	23	3
15	64QAM	36	20	21.82	21.76	21.76	21.77	21.78		
15	64QAM	36	39	21.78	21.81	21.77	21.79	21.85		
15	64QAM	75	0	22.05	22.08	21.89	22.06	21.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.99	24.78	24.69	24.94	24.75	26	0
10	QPSK	1	25	24.93	25.01	24.94	24.86	24.76		
10	QPSK	1	49	25.01	24.81	24.69	24.86	24.76		
10	QPSK	25	0	23.95	23.96	23.70	23.84	23.71	25	1
10	QPSK	25	12	23.96	24.03	23.79	23.90	23.73		
10	QPSK	25	25	23.94	23.91	23.77	23.85	23.71		
10	QPSK	50	0	23.88	23.96	23.71	23.86	23.71		
10	16QAM	1	0	24.14	23.95	23.78	24.05	23.93	25	1
10	16QAM	1	25	24.10	24.15	24.00	24.00	23.78		
10	16QAM	1	49	24.14	23.92	23.80	24.05	23.90		
10	16QAM	25	0	23.20	23.14	22.96	23.08	22.92	24	2
10	16QAM	25	12	23.21	23.26	23.06	23.12	22.98		
10	16QAM	25	25	23.20	23.12	23.02	23.04	22.91		
10	16QAM	50	0	23.10	23.19	23.00	23.11	22.93		
10	64QAM	1	0	23.17	22.93	22.86	23.13	22.97	24	2
10	64QAM	1	25	23.10	23.15	23.18	23.07	22.94		
10	64QAM	1	49	23.15	22.90	22.94	23.08	22.99		
10	64QAM	25	0	22.12	22.10	21.87	22.01	21.90	23	3
10	64QAM	25	12	22.16	22.20	21.96	22.05	21.92		
10	64QAM	25	25	22.17	22.08	21.91	22.00	21.90		
10	64QAM	50	0	22.02	22.11	21.89	22.00	21.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.81	24.80	24.97	24.91	24.78	26	0
5	QPSK	1	12	24.78	24.87	25.01	24.95	24.78		
5	QPSK	1	24	24.73	24.71	24.95	24.93	24.77		
5	QPSK	12	0	23.68	23.71	23.81	23.87	23.71	25	1
5	QPSK	12	7	23.73	23.74	23.90	23.88	23.72		
5	QPSK	12	13	23.68	23.72	23.86	23.86	23.73		
5	QPSK	25	0	23.64	23.72	23.78	23.83	23.70		
5	16QAM	1	0	23.84	23.87	23.90	23.94	23.82	25	1
5	16QAM	1	12	23.84	23.87	23.96	24.00	23.81		
5	16QAM	1	24	23.87	23.91	23.93	24.02	23.80		
5	16QAM	12	0	22.90	22.98	23.07	23.08	22.93	24	2
5	16QAM	12	7	22.93	23.01	23.12	23.13	22.97		
5	16QAM	12	13	22.90	22.95	23.07	23.08	22.93		
5	16QAM	25	0	22.93	22.99	23.05	23.12	22.94		
5	64QAM	1	0	22.76	22.80	22.88	22.89	22.78	24	2
5	64QAM	1	12	22.70	22.75	22.85	22.89	22.72		
5	64QAM	1	24	22.77	22.78	22.93	22.93	22.80		
5	64QAM	12	0	21.84	21.88	21.97	22.05	21.87	23	3
5	64QAM	12	7	21.89	21.90	22.06	22.05	21.90		
5	64QAM	12	13	21.85	21.89	22.05	22.02	21.87		
5	64QAM	25	0	21.83	21.90	21.95	22.03	21.85		

UAT Reduced Power Mode for Receiver On

Band 2 (1900MHz Band)
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	11.96	12.13	11.93	13	0
20	QPSK	1	49	11.93	11.96	11.92		
20	QPSK	1	99	11.83	11.82	11.93		
20	QPSK	50	0	11.83	11.94	11.66	13	0
20	QPSK	50	24	11.94	11.58	11.82		
20	QPSK	50	50	11.93	11.50	11.52		
20	QPSK	100	0	11.45	11.93	11.71		
20	16QAM	1	0	11.82	11.61	11.50	13	0
20	16QAM	1	49	11.61	11.70	11.77		
20	16QAM	1	99	11.83	11.62	11.76		
20	16QAM	50	0	11.42	11.42	11.74	13	0
20	16QAM	50	24	11.56	11.44	11.57		
20	16QAM	50	50	11.36	11.45	11.64		
20	16QAM	100	0	11.49	11.47	11.62		
20	64QAM	1	0	11.62	11.90	11.61	13	0
20	64QAM	1	49	11.52	11.53	11.69		
20	64QAM	1	99	11.53	11.72	11.70		
20	64QAM	50	0	11.51	11.43	11.70	13	0
20	64QAM	50	24	11.43	11.51	11.47		
20	64QAM	50	50	11.42	11.54	11.46		
20	64QAM	100	0	11.43	11.32	11.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.72	11.63	11.67	13	0
15	QPSK	1	37	11.40	11.52	11.74		
15	QPSK	1	74	11.65	11.59	11.74		
15	QPSK	36	0	11.40	11.47	11.64	13	0
15	QPSK	36	20	11.57	11.63	11.85		
15	QPSK	36	39	11.55	11.52	11.79		
15	QPSK	75	0	11.52	11.51	11.74		
15	16QAM	1	0	11.72	11.69	11.95	13	0
15	16QAM	1	37	11.64	11.64	12.01		
15	16QAM	1	74	11.70	12.07	11.83		
15	16QAM	36	0	11.51	11.60	11.60	13	0
15	16QAM	36	20	11.56	11.63	11.76		
15	16QAM	36	39	11.43	11.64	11.79		
15	16QAM	75	0	11.52	11.65	11.68		
15	64QAM	1	0	11.62	11.69	11.72	13	0
15	64QAM	1	37	11.67	12.09	11.90		
15	64QAM	1	74	11.61	11.77	12.00		
15	64QAM	36	0	11.61	11.63	11.63	13	0
15	64QAM	36	20	11.60	11.67	11.88		
15	64QAM	36	39	11.46	11.66	11.92		
15	64QAM	75	0	11.52	11.44	11.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.21	11.23	11.26	13	0
10	QPSK	1	25	11.11	11.27	11.36		
10	QPSK	1	49	11.12	11.21	11.26		
10	QPSK	25	0	11.23	11.13	11.25	13	0
10	QPSK	25	12	11.12	11.22	11.28		
10	QPSK	25	25	11.04	11.07	11.33		
10	QPSK	50	0	11.02	11.16	11.24		
10	16QAM	1	0	11.23	11.15	11.49	13	0
10	16QAM	1	25	11.23	11.38	11.32		
10	16QAM	1	49	11.11	11.44	11.52		
10	16QAM	25	0	11.12	11.01	11.25	13	0
10	16QAM	25	12	11.27	11.20	11.43		
10	16QAM	25	25	11.03	11.12	11.36		
10	16QAM	50	0	11.00	11.02	11.32		
10	64QAM	1	0	11.35	11.33	11.60	13	0
10	64QAM	1	25	11.23	11.35	11.21		
10	64QAM	1	49	11.20	11.31	11.66		
10	64QAM	25	0	11.04	11.17	11.17	13	0
10	64QAM	25	12	11.24	11.15	11.46		
10	64QAM	25	25	11.03	11.00	11.34		
10	64QAM	50	0	11.11	11.06	11.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.12	11.07	11.34	13	0
5	QPSK	1	12	11.21	11.10	11.46		
5	QPSK	1	24	11.23	11.20	11.28		
5	QPSK	12	0	11.06	11.20	11.43	13	0
5	QPSK	12	7	11.13	11.29	11.47		
5	QPSK	12	13	11.11	11.21	11.42		
5	QPSK	25	0	11.10	11.15	11.35		
5	16QAM	1	0	11.54	11.52	11.82	13	0
5	16QAM	1	12	11.54	11.66	11.57		
5	16QAM	1	24	11.53	11.55	11.40		
5	16QAM	12	0	11.09	11.16	11.34	13	0
5	16QAM	12	7	11.19	11.31	11.45		
5	16QAM	12	13	11.08	11.17	11.43		
5	16QAM	25	0	11.14	11.04	11.44		
5	64QAM	1	0	11.22	11.64	11.48	13	0
5	64QAM	1	12	11.53	11.24	11.56		
5	64QAM	1	24	11.36	11.56	11.68		
5	64QAM	12	0	11.08	11.14	11.30	13	0
5	64QAM	12	7	11.11	11.14	11.51		
5	64QAM	12	13	11.10	11.14	11.46		
5	64QAM	25	0	11.10	11.21	11.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.23	11.22	11.63	13	0
3	QPSK	1	8	11.18	11.18	11.45		
3	QPSK	1	14	11.25	11.23	11.25		
3	QPSK	8	0	11.13	11.13	11.43	13	0
3	QPSK	8	4	11.13	11.20	11.48		
3	QPSK	8	7	11.10	11.23	11.40		
3	QPSK	15	0	11.06	11.14	11.40		
3	16QAM	1	0	11.52	11.55	11.50	13	0
3	16QAM	1	8	11.60	11.67	11.42		
3	16QAM	1	14	11.53	11.63	11.48		
3	16QAM	8	0	11.15	11.25	11.46	13	0
3	16QAM	8	4	11.23	11.26	11.40		
3	16QAM	8	7	11.19	11.30	11.41		
3	16QAM	15	0	11.14	11.13	11.47		
3	64QAM	1	0	11.53	11.53	11.56	13	0
3	64QAM	1	8	11.55	11.76	11.52		
3	64QAM	1	14	11.54	11.63	11.43		
3	64QAM	8	0	11.18	11.35	11.37	13	0
3	64QAM	8	4	11.15	11.19	11.42		
3	64QAM	8	7	11.03	11.29	11.45		
3	64QAM	15	0	11.09	11.10	11.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.02	11.10	11.30	13	0
1.4	QPSK	1	3	11.00	11.08	11.35		
1.4	QPSK	1	5	11.09	11.05	11.32		
1.4	QPSK	3	0	11.20	11.10	11.37		
1.4	QPSK	3	1	11.12	11.16	11.38		
1.4	QPSK	3	3	11.01	11.18	11.36		
1.4	QPSK	6	0	11.12	11.25	11.39	13	0
1.4	16QAM	1	0	11.66	11.63	11.55	13	0
1.4	16QAM	1	3	11.63	11.54	11.42		
1.4	16QAM	1	5	11.62	11.66	11.60		
1.4	16QAM	3	0	11.12	11.34	11.44		
1.4	16QAM	3	1	11.25	11.38	11.44		
1.4	16QAM	3	3	11.06	11.29	11.27		
1.4	16QAM	6	0	11.09	11.22	11.50	13	0
1.4	64QAM	1	0	11.48	11.52	11.41	13	0
1.4	64QAM	1	3	11.26	11.40	11.63		
1.4	64QAM	1	5	11.14	11.24	11.49		
1.4	64QAM	3	0	11.17	11.28	11.52		
1.4	64QAM	3	1	11.16	11.44	11.32		
1.4	64QAM	3	3	11.34	11.39	11.30		
1.4	64QAM	6	0	11.10	11.16	11.49	13	0

Band 4 (AWS Band)
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	10.39	10.34	10.27	12	0
20	QPSK	1	49	10.23	10.23	10.08		
20	QPSK	1	99	10.58	10.09	10.45		
20	QPSK	50	0	10.43	10.29	10.48	12	0
20	QPSK	50	24	10.57	10.40	10.07		
20	QPSK	50	50	10.39	10.10	10.17		
20	QPSK	100	0	10.45	10.41	10.12		
20	16QAM	1	0	10.44	10.34	10.27	12	0
20	16QAM	1	49	10.44	10.29	10.48		
20	16QAM	1	99	10.19	10.36	10.46		
20	16QAM	50	0	10.38	10.34	10.00	12	0
20	16QAM	50	24	10.43	10.21	10.05		
20	16QAM	50	50	10.37	10.19	10.24		
20	16QAM	100	0	10.45	10.31	10.37		
20	64QAM	1	0	10.39	10.36	10.25	12	0
20	64QAM	1	49	10.46	10.44	10.35		
20	64QAM	1	99	10.30	10.35	10.29		
20	64QAM	50	0	10.45	10.30	10.11	12	0
20	64QAM	50	24	10.49	10.26	10.09		
20	64QAM	50	50	10.31	10.22	10.19		
20	64QAM	100	0	10.36	10.20	10.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	10.32	10.25	10.55	12	0
15	QPSK	1	37	10.41	10.17	10.14		
15	QPSK	1	74	10.15	10.54	10.48		
15	QPSK	36	0	10.51	10.38	10.08	12	0
15	QPSK	36	20	10.57	10.31	10.14		
15	QPSK	36	39	10.42	10.29	10.54		
15	QPSK	75	0	10.52	10.17	10.04		
15	16QAM	1	0	10.49	10.50	10.32	12	0
15	16QAM	1	37	10.08	10.29	10.00		
15	16QAM	1	74	10.22	10.17	10.21		
15	16QAM	36	0	10.47	10.29	10.09	12	0
15	16QAM	36	20	10.54	10.43	10.11		
15	16QAM	36	39	10.39	10.27	10.13		
15	16QAM	75	0	10.51	10.31	10.14		
15	64QAM	1	0	10.35	10.47	10.20	12	0
15	64QAM	1	37	10.32	10.22	10.28		
15	64QAM	1	74	10.32	10.22	10.14		
15	64QAM	36	0	10.54	10.35	10.29	12	0
15	64QAM	36	20	10.58	10.29	10.17		
15	64QAM	36	39	10.40	10.17	10.13		
15	64QAM	75	0	10.49	10.27	10.07		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	10.19	10.52	10.46	12	0
10	QPSK	1	25	10.46	10.25	10.29		
10	QPSK	1	49	10.14	10.31	10.46		
10	QPSK	25	0	10.40	10.35	10.07	12	0
10	QPSK	25	12	10.42	10.29	10.04		
10	QPSK	25	25	10.41	10.30	10.07		
10	QPSK	50	0	10.41	10.31	10.39		
10	16QAM	1	0	10.61	10.36	10.28	12	0
10	16QAM	1	25	10.54	10.27	10.24		
10	16QAM	1	49	10.15	10.38	10.20		
10	16QAM	25	0	10.53	10.10	10.24	12	0
10	16QAM	25	12	10.31	10.17	10.12		
10	16QAM	25	25	10.39	10.27	10.22		
10	16QAM	50	0	10.49	10.10	10.25		
10	64QAM	1	0	10.41	10.31	10.62	12	0
10	64QAM	1	25	10.33	10.35	10.17		
10	64QAM	1	49	10.39	10.32	10.33		
10	64QAM	25	0	10.52	10.16	10.14	12	0
10	64QAM	25	12	10.52	10.34	10.19		
10	64QAM	25	25	10.47	10.19	10.28		
10	64QAM	50	0	10.55	10.24	10.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	10.40	10.23	10.13	12	0
5	QPSK	1	12	10.34	10.24	10.09		
5	QPSK	1	24	10.25	10.24	10.13		
5	QPSK	12	0	10.46	10.30	10.14	12	0
5	QPSK	12	7	10.58	10.42	10.18		
5	QPSK	12	13	10.52	10.35	10.13		
5	QPSK	25	0	10.54	10.33	10.05		
5	16QAM	1	0	10.37	10.33	10.38	12	0
5	16QAM	1	12	10.33	10.18	10.45		
5	16QAM	1	24	10.26	10.39	10.26		
5	16QAM	12	0	10.55	10.29	10.41	12	0
5	16QAM	12	7	10.52	10.31	10.24		
5	16QAM	12	13	10.61	10.34	10.24		
5	16QAM	25	0	10.55	10.30	10.15		
5	64QAM	1	0	10.11	10.41	10.21	12	0
5	64QAM	1	12	10.47	10.54	10.27		
5	64QAM	1	24	10.57	10.56	10.17		
5	64QAM	12	0	10.42	10.24	10.24	12	0
5	64QAM	12	7	10.56	10.23	10.22		
5	64QAM	12	13	10.57	10.39	10.09		
5	64QAM	25	0	10.45	10.41	10.21		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	10.37	10.14	10.24	12	0
3	QPSK	1	8	10.43	10.21	10.25		
3	QPSK	1	14	10.35	10.18	10.15		
3	QPSK	8	0	10.43	10.25	10.28	12	0
3	QPSK	8	4	10.58	10.18	10.25		
3	QPSK	8	7	10.50	10.29	10.21		
3	QPSK	15	0	10.40	10.53	10.24		
3	16QAM	1	0	10.44	10.42	10.26	12	0
3	16QAM	1	8	10.53	10.10	10.41		
3	16QAM	1	14	10.32	10.53	10.24		
3	16QAM	8	0	10.54	10.36	10.45	12	0
3	16QAM	8	4	10.59	10.38	10.47		
3	16QAM	8	7	10.48	10.34	10.50		
3	16QAM	15	0	10.50	10.27	10.45		
3	64QAM	1	0	10.48	10.35	10.43	12	0
3	64QAM	1	8	10.53	10.43	10.45		
3	64QAM	1	14	10.50	10.38	10.44		
3	64QAM	8	0	10.47	10.21	10.43	12	0
3	64QAM	8	4	10.54	10.26	10.43		
3	64QAM	8	7	10.39	10.32	10.45		
3	64QAM	15	0	10.47	10.23	10.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	10.36	10.12	10.24	12	0
1.4	QPSK	1	3	10.37	10.27	10.22		
1.4	QPSK	1	5	10.38	10.16	10.31		
1.4	QPSK	3	0	10.35	10.12	10.26		
1.4	QPSK	3	1	10.35	10.14	10.25		
1.4	QPSK	3	3	10.29	10.20	10.26		
1.4	QPSK	6	0	10.45	10.15	10.23	12	0
1.4	16QAM	1	0	10.23	10.21	10.31	12	0
1.4	16QAM	1	3	10.43	10.58	10.45		
1.4	16QAM	1	5	10.35	10.31	10.28		
1.4	16QAM	3	0	10.43	10.23	10.47		
1.4	16QAM	3	1	10.57	10.37	10.43		
1.4	16QAM	3	3	10.31	10.37	10.34		
1.4	16QAM	6	0	10.45	10.35	10.31	12	0
1.4	64QAM	1	0	10.49	10.31	10.33	12	0
1.4	64QAM	1	3	10.45	10.29	10.32		
1.4	64QAM	1	5	10.47	10.57	10.34		
1.4	64QAM	3	0	10.47	10.08	10.16		
1.4	64QAM	3	1	10.51	10.36	10.07		
1.4	64QAM	3	3	10.43	10.29	10.03		
1.4	64QAM	6	0	10.44	10.15	10.35	12	0

Band 5 (Celluar Band)
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	19.00	19.10	19.06	19.5	0
10	QPSK	1	25	18.96	18.99	18.95		
10	QPSK	1	49	18.95	18.99	18.93		
10	QPSK	25	0	18.61	18.84	18.81	19.5	0
10	QPSK	25	12	18.66	18.45	18.52		
10	QPSK	25	25	18.64	18.45	18.35		
10	QPSK	50	0	18.55	18.34	18.43		
10	16QAM	1	0	18.73	18.93	18.54	19.5	0
10	16QAM	1	25	19.03	18.61	18.61		
10	16QAM	1	49	18.75	18.64	18.65		
10	16QAM	25	0	18.58	18.38	18.38	19.5	0
10	16QAM	25	12	18.65	18.51	18.40		
10	16QAM	25	25	18.54	18.43	18.31		
10	16QAM	50	0	18.35	18.32	18.39		
10	64QAM	1	0	18.74	18.92	18.97	19.5	0
10	64QAM	1	25	18.75	18.86	18.91		
10	64QAM	1	49	18.89	18.88	18.99		
10	64QAM	25	0	18.48	18.46	18.44	19.5	0
10	64QAM	25	12	18.67	18.42	18.51		
10	64QAM	25	25	18.61	18.58	18.32		
10	64QAM	50	0	18.42	18.31	18.31		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.43	18.29	18.30	19.5	0
5	QPSK	1	12	18.51	18.51	18.30		
5	QPSK	1	24	18.48	18.41	18.28		
5	QPSK	12	0	18.61	18.48	18.32	19.5	0
5	QPSK	12	7	18.66	18.45	18.52		
5	QPSK	12	13	18.64	18.45	18.35		
5	QPSK	25	0	18.55	18.34	18.43		
5	16QAM	1	0	18.73	18.93	18.54	19.5	0
5	16QAM	1	12	19.03	18.61	18.61		
5	16QAM	1	24	18.75	18.64	18.69		
5	16QAM	12	0	18.58	18.38	18.38	19.5	0
5	16QAM	12	7	18.65	18.51	18.40		
5	16QAM	12	13	18.54	18.43	18.31		
5	16QAM	25	0	18.35	18.32	18.39		
5	64QAM	1	0	19.09	18.92	18.97	19.5	0
5	64QAM	1	12	18.62	18.88	18.91		
5	64QAM	1	24	18.89	18.88	18.99		
5	64QAM	12	0	18.48	18.46	18.44	19.5	0
5	64QAM	12	7	18.67	18.42	18.51		
5	64QAM	12	13	18.61	18.58	18.32		
5	64QAM	25	0	18.42	18.31	18.31		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.65	18.54	18.41	19.5	0
3	QPSK	1	8	18.71	18.62	18.43		
3	QPSK	1	14	18.64	18.55	18.35		
3	QPSK	8	0	18.73	18.59	18.47	19.5	0
3	QPSK	8	4	18.78	18.65	18.48		
3	QPSK	8	7	18.74	18.66	18.45		
3	QPSK	15	0	18.74	18.64	18.45		
3	16QAM	1	0	18.97	18.80	18.69	19.5	0
3	16QAM	1	8	19.01	18.92	18.70		
3	16QAM	1	14	18.95	18.86	18.67		
3	16QAM	8	0	18.79	18.64	18.55	19.5	0
3	16QAM	8	4	18.83	18.75	18.57		
3	16QAM	8	7	18.75	18.68	18.50		
3	16QAM	15	0	18.78	18.69	18.49		
3	64QAM	1	0	18.87	18.73	18.64	19.5	0
3	64QAM	1	8	18.88	18.82	18.65		
3	64QAM	1	14	18.88	18.78	18.59		
3	64QAM	8	0	18.77	18.61	18.51	19.5	0
3	64QAM	8	4	18.81	18.70	18.52		
3	64QAM	8	7	18.74	18.67	18.46		
3	64QAM	15	0	18.77	18.66	18.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.49	18.38	18.14	19.5	0
1.4	QPSK	1	3	18.48	18.38	18.25		
1.4	QPSK	1	5	18.42	18.37	18.14		
1.4	QPSK	3	0	18.49	18.43	18.12		
1.4	QPSK	3	1	18.43	18.40	18.17		
1.4	QPSK	3	3	18.47	18.38	18.17		
1.4	QPSK	6	0	18.57	18.44	18.29	19.5	0
1.4	16QAM	1	0	18.44	18.72	18.63	19.5	0
1.4	16QAM	1	3	18.46	18.78	18.49		
1.4	16QAM	1	5	18.62	18.57	18.36		
1.4	16QAM	3	0	18.62	18.52	18.15		
1.4	16QAM	3	1	18.58	18.50	18.34		
1.4	16QAM	3	3	18.65	18.47	18.65		
1.4	16QAM	6	0	18.72	18.49	18.40	19.5	0
1.4	64QAM	1	0	18.73	18.40	18.55	19.5	0
1.4	64QAM	1	3	18.78	18.69	18.60		
1.4	64QAM	1	5	18.77	18.81	18.53		
1.4	64QAM	3	0	18.43	18.53	18.30		
1.4	64QAM	3	1	18.61	18.62	18.44		
1.4	64QAM	3	3	18.61	18.48	18.40		
1.4	64QAM	6	0	18.45	18.39	18.24	19.5	0

Band 12 (700MHz Low Band)
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	19.51	19.61	19.53	20.5	0
10	QPSK	1	25	19.52	19.51	19.55		
10	QPSK	1	49	19.19	19.42	19.55		
10	QPSK	25	0	18.93	19.29	18.97	20.5	0
10	QPSK	25	12	19.10	19.15	19.18		
10	QPSK	25	25	19.05	19.13	19.07		
10	QPSK	50	0	19.12	19.14	19.16		
10	16QAM	1	0	19.11	19.20	19.56	20.5	0
10	16QAM	1	25	19.50	19.49	19.42		
10	16QAM	1	49	19.49	19.43	19.48		
10	16QAM	25	0	18.94	19.05	18.95	20.5	0
10	16QAM	25	12	19.08	19.13	19.27		
10	16QAM	25	25	18.97	19.22	19.04		
10	16QAM	50	0	19.10	18.99	19.05		
10	64QAM	1	0	19.12	19.54	19.53	20.5	0
10	64QAM	1	25	19.42	19.22	19.49		
10	64QAM	1	49	19.11	19.41	19.31		
10	64QAM	25	0	19.02	19.08	19.02	20.5	0
10	64QAM	25	12	19.15	19.23	19.17		
10	64QAM	25	25	19.10	19.22	19.03		
10	64QAM	50	0	19.08	18.99	19.23		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.41	19.45	19.11	20.5	0
5	QPSK	1	12	18.97	18.97	19.07		
5	QPSK	1	24	19.01	19.08	18.95		
5	QPSK	12	0	19.08	19.13	19.09	20.5	0
5	QPSK	12	7	19.09	19.15	19.20		
5	QPSK	12	13	19.14	19.20	19.15		
5	QPSK	25	0	19.13	19.07	19.08		
5	16QAM	1	0	19.30	19.55	19.20	20.5	0
5	16QAM	1	12	19.52	19.40	19.21		
5	16QAM	1	24	19.17	19.27	19.20		
5	16QAM	12	0	19.16	19.16	19.13	20.5	0
5	16QAM	12	7	19.19	19.11	19.13		
5	16QAM	12	13	19.11	19.17	19.17		
5	16QAM	25	0	19.11	19.20	19.07		
5	64QAM	1	0	19.15	19.13	19.14	20.5	0
5	64QAM	1	12	19.21	19.26	18.94		
5	64QAM	1	24	19.20	19.26	19.18		
5	64QAM	12	0	19.13	19.18	19.07	20.5	0
5	64QAM	12	7	19.19	19.13	19.01		
5	64QAM	12	13	19.13	19.14	19.24		
5	64QAM	25	0	19.27	19.07	19.11		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.08	19.02	19.14	20.5	0
3	QPSK	1	8	19.03	19.16	19.14		
3	QPSK	1	14	19.07	19.14	18.98		
3	QPSK	8	0	19.21	19.18	19.14	20.5	0
3	QPSK	8	4	19.21	19.15	19.22		
3	QPSK	8	7	19.15	19.27	19.14		
3	QPSK	15	0	19.17	19.12	19.14		
3	16QAM	1	0	19.40	19.24	19.12	20.5	0
3	16QAM	1	8	19.11	19.36	19.12		
3	16QAM	1	14	19.11	19.11	19.14		
3	16QAM	8	0	19.29	19.22	19.22	20.5	0
3	16QAM	8	4	19.26	19.24	19.34		
3	16QAM	8	7	19.28	19.26	19.22		
3	16QAM	15	0	19.19	19.17	19.12		
3	64QAM	1	0	19.38	19.25	19.32	20.5	0
3	64QAM	1	8	19.27	19.25	19.09		
3	64QAM	1	14	19.29	19.30	19.31		
3	64QAM	8	0	19.28	19.12	19.17	20.5	0
3	64QAM	8	4	19.11	19.08	19.29		
3	64QAM	8	7	19.33	19.17	19.37		
3	64QAM	15	0	19.17	19.10	19.19		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.87	18.96	18.98	20.5	0
1.4	QPSK	1	3	18.92	18.99	18.92		
1.4	QPSK	1	5	18.95	19.04	18.90		
1.4	QPSK	3	0	18.93	18.84	18.86		
1.4	QPSK	3	1	18.83	18.89	18.88		
1.4	QPSK	3	3	18.93	18.95	18.91		
1.4	QPSK	6	0	19.01	18.97	19.03	20.5	0
1.4	16QAM	1	0	19.12	19.12	19.07	20.5	0
1.4	16QAM	1	3	19.32	19.27	19.24		
1.4	16QAM	1	5	18.86	19.14	19.18		
1.4	16QAM	3	0	18.98	18.88	19.06		
1.4	16QAM	3	1	18.99	18.95	18.96		
1.4	16QAM	3	3	18.85	19.10	18.87		
1.4	16QAM	6	0	18.99	19.07	18.99	20.5	0
1.4	64QAM	1	0	19.16	19.30	19.39	20.5	0
1.4	64QAM	1	3	19.13	19.22	19.13		
1.4	64QAM	1	5	19.01	19.21	18.94		
1.4	64QAM	3	0	19.12	19.03	19.19		
1.4	64QAM	3	1	19.12	19.17	19.15		
1.4	64QAM	3	3	19.14	19.00	19.13		
1.4	64QAM	6	0	19.08	19.00	18.98	20.5	0

Band 25 (1900MHz Band) Only for ENDC
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	12.00	12.30	11.99	13	0
20	QPSK	1	49	11.94	12.00	12.09		
20	QPSK	1	99	11.83	11.95	12.05		
20	QPSK	50	0	12.04	12.23	12.07	13	0
20	QPSK	50	24	12.05	12.20	12.10		
20	QPSK	50	50	12.08	12.12	12.20		
20	QPSK	100	0	12.02	12.04	11.89		
20	16QAM	1	0	12.36	12.38	12.47	13	0
20	16QAM	1	49	12.28	12.39	12.26		
20	16QAM	1	99	12.21	12.37	12.18		
20	16QAM	50	0	12.06	12.13	12.12	13	0
20	16QAM	50	24	12.07	12.19	12.15		
20	16QAM	50	50	12.02	12.16	12.23		
20	16QAM	100	0	12.01	12.09	11.98		
20	64QAM	1	0	12.11	12.11	12.32	13	0
20	64QAM	1	49	12.21	12.21	12.19		
20	64QAM	1	99	12.20	12.14	12.18		
20	64QAM	50	0	12.02	12.04	12.09	13	0
20	64QAM	50	24	12.06	12.17	12.12		
20	64QAM	50	50	12.02	12.01	12.00		
20	64QAM	100	0	11.99	12.14	11.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	11.77	12.05	12.04	13	0
15	QPSK	1	37	11.91	12.03	12.08		
15	QPSK	1	74	11.78	12.02	12.08		
15	QPSK	36	0	11.99	12.01	12.05	13	0
15	QPSK	36	20	12.06	12.14	12.22		
15	QPSK	36	39	11.95	12.09	12.11		
15	QPSK	75	0	11.97	12.11	12.19		
15	16QAM	1	0	12.09	12.18	12.33	13	0
15	16QAM	1	37	12.40	12.36	12.27		
15	16QAM	1	74	11.84	12.31	12.32		
15	16QAM	36	0	11.90	12.05	12.15	13	0
15	16QAM	36	20	12.08	12.16	12.18		
15	16QAM	36	39	11.96	12.06	12.10		
15	16QAM	75	0	11.98	12.14	11.98		
15	64QAM	1	0	12.08	12.28	12.04	13	0
15	64QAM	1	37	11.86	12.16	12.14		
15	64QAM	1	74	11.89	12.34	12.03		
15	64QAM	36	0	11.97	12.03	12.07	13	0
15	64QAM	36	20	12.06	12.05	12.10		
15	64QAM	36	39	11.90	12.01	12.07		
15	64QAM	75	0	12.00	12.01	12.21		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	11.71	11.79	12.09	13	0
10	QPSK	1	25	11.91	11.92	12.14		
10	QPSK	1	49	11.62	11.69	11.87		
10	QPSK	25	0	11.91	11.96	12.03	13	0
10	QPSK	25	12	12.02	12.18	12.14		
10	QPSK	25	25	11.94	12.03	12.16		
10	QPSK	50	0	11.98	12.03	12.13		
10	16QAM	1	0	11.95	12.17	12.47	13	0
10	16QAM	1	25	12.35	12.40	12.29		
10	16QAM	1	49	11.97	12.11	12.22		
10	16QAM	25	0	11.92	11.98	12.09	13	0
10	16QAM	25	12	12.08	12.16	12.02		
10	16QAM	25	25	11.97	12.03	12.10		
10	16QAM	50	0	11.87	12.09	12.08		
10	64QAM	1	0	11.98	12.01	12.05	13	0
10	64QAM	1	25	12.37	12.25	12.04		
10	64QAM	1	49	11.84	12.10	12.49		
10	64QAM	25	0	12.04	11.89	12.15	13	0
10	64QAM	25	12	11.85	12.27	12.16		
10	64QAM	25	25	11.90	12.04	12.18		
10	64QAM	50	0	11.98	11.92	12.09		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	11.89	11.95	12.09	13	0
5	QPSK	1	12	11.93	12.18	12.07		
5	QPSK	1	24	11.92	12.05	12.09		
5	QPSK	12	0	11.98	12.07	12.16	13	0
5	QPSK	12	7	12.06	12.22	12.20		
5	QPSK	12	13	12.01	12.21	12.15		
5	QPSK	25	0	12.04	12.10	12.17		
5	16QAM	1	0	12.26	12.24	12.46	13	0
5	16QAM	1	12	12.17	12.32	12.36		
5	16QAM	1	24	12.17	12.35	12.49		
5	16QAM	12	0	12.05	12.03	12.15	13	0
5	16QAM	12	7	12.08	12.21	12.15		
5	16QAM	12	13	12.02	12.19	12.12		
5	16QAM	25	0	12.07	12.17	12.18		
5	64QAM	1	0	12.25	12.19	12.33	13	0
5	64QAM	1	12	12.07	11.90	12.29		
5	64QAM	1	24	11.85	12.25	12.26		
5	64QAM	12	0	11.88	12.05	12.11	13	0
5	64QAM	12	7	11.90	11.92	12.21		
5	64QAM	12	13	12.04	11.91	12.24		
5	64QAM	25	0	12.08	11.94	12.10		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	12.00	12.02	12.02	13	0
3	QPSK	1	8	12.00	12.18	12.10		
3	QPSK	1	14	11.94	12.04	12.06		
3	QPSK	8	0	12.06	12.17	12.11	13	0
3	QPSK	8	4	12.02	12.23	12.20		
3	QPSK	8	7	12.06	12.12	12.21		
3	QPSK	15	0	12.07	12.15	12.14		
3	16QAM	1	0	12.17	12.20	12.35	13	0
3	16QAM	1	8	12.40	12.47	12.46		
3	16QAM	1	14	12.35	12.45	12.38		
3	16QAM	8	0	12.14	12.18	12.24	13	0
3	16QAM	8	4	12.11	12.28	12.25		
3	16QAM	8	7	12.15	12.27	12.24		
3	16QAM	15	0	12.10	12.16	12.18		
3	64QAM	1	0	12.17	12.10	12.19	13	0
3	64QAM	1	8	12.15	12.32	12.31		
3	64QAM	1	14	12.15	12.30	12.28		
3	64QAM	8	0	12.11	12.20	12.15	13	0
3	64QAM	8	4	12.02	11.98	12.05		
3	64QAM	8	7	12.02	12.21	12.21		
3	64QAM	15	0	12.07	12.18	12.13		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	11.93	11.91	11.93	13	0
1.4	QPSK	1	3	11.89	11.97	12.08		
1.4	QPSK	1	5	11.90	11.95	11.94		
1.4	QPSK	3	0	11.87	11.96	11.99		
1.4	QPSK	3	1	11.94	12.02	12.00		
1.4	QPSK	3	3	11.87	12.04	12.02		
1.4	QPSK	6	0	12.01	12.04	12.05	13	0
1.4	16QAM	1	0	12.09	12.07	12.36	13	0
1.4	16QAM	1	3	12.28	12.36	12.46		
1.4	16QAM	1	5	12.25	12.28	12.34		
1.4	16QAM	3	0	11.98	12.16	12.02		
1.4	16QAM	3	1	12.14	12.14	12.12		
1.4	16QAM	3	3	12.01	12.06	12.05		
1.4	16QAM	6	0	12.02	12.17	12.14	13	0
1.4	64QAM	1	0	11.98	12.10	12.26	13	0
1.4	64QAM	1	3	11.87	12.17	12.22		
1.4	64QAM	1	5	12.18	12.21	12.12		
1.4	64QAM	3	0	12.00	12.07	12.11		
1.4	64QAM	3	1	12.07	12.05	12.13		
1.4	64QAM	3	3	12.00	12.02	12.13		
1.4	64QAM	6	0	11.98	12.10	12.00	13	0

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.17		17	0
10	QPSK	1	25		16.04			
10	QPSK	1	49		16.05			
10	QPSK	25	0		16.03		17	0
10	QPSK	25	12		16.01			
10	QPSK	25	25		15.89			
10	QPSK	50	0		15.38			
10	16QAM	1	0		15.99		17	0
10	16QAM	1	25		15.80			
10	16QAM	1	49		15.66			
10	16QAM	25	0		15.43		17	0
10	16QAM	25	12		15.44			
10	16QAM	25	25		15.47			
10	16QAM	50	0		15.34			
10	64QAM	1	0		15.61		17	0
10	64QAM	1	25		16.06			
10	64QAM	1	49		15.75			
10	64QAM	25	0		15.38		17	0
10	64QAM	25	12		15.45			
10	64QAM	25	25		15.55			
10	64QAM	50	0		15.37			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.38	15.40	15.32	17	0
5	QPSK	1	12	15.55	15.51	15.50		
5	QPSK	1	24	15.51	15.29	15.42		
5	QPSK	12	0	15.52	15.40	15.52	17	0
5	QPSK	12	7	15.57	15.58	15.60		
5	QPSK	12	13	15.50	15.58	15.57		
5	QPSK	25	0	15.53	15.57	15.55		
5	16QAM	1	0	15.87	15.63	15.48	17	0
5	16QAM	1	12	15.97	15.94	15.69		
5	16QAM	1	24	15.56	15.84	15.59		
5	16QAM	12	0	15.49	15.47	15.46	17	0
5	16QAM	12	7	15.55	15.65	15.63		
5	16QAM	12	13	15.46	15.54	15.54		
5	16QAM	25	0	15.50	15.54	15.53		
5	64QAM	1	0	15.56	15.86	15.53	17	0
5	64QAM	1	12	15.70	15.87	15.69		
5	64QAM	1	24	15.54	15.62	15.58		
5	64QAM	12	0	15.47	15.50	15.59	17	0
5	64QAM	12	7	15.55	15.57	15.59		
5	64QAM	12	13	15.51	15.46	15.62		
5	64QAM	25	0	15.54	15.58	15.53		

Band 66								
BW [MHz]	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	10.70	10.72	10.69	12	0
20	QPSK	1	49	10.35	10.30	10.22		
20	QPSK	1	99	10.68	10.22	10.53		
20	QPSK	50	0	10.49	10.70	10.22	12	0
20	QPSK	50	24	10.69	10.47	10.21		
20	QPSK	50	50	10.49	10.23	10.25		
20	QPSK	100	0	10.51	10.52	10.21		
20	16QAM	1	0	10.56	10.41	10.41	12	0
20	16QAM	1	49	10.54	10.42	10.56		
20	16QAM	1	99	10.25	10.47	10.55		
20	16QAM	50	0	10.50	10.41	10.14	12	0
20	16QAM	50	24	10.53	10.34	10.13		
20	16QAM	50	50	10.43	10.30	10.33		
20	16QAM	100	0	10.57	10.38	10.12		
20	64QAM	1	0	10.49	10.49	10.33	12	0
20	64QAM	1	49	10.52	10.55	10.44		
20	64QAM	1	99	10.42	10.42	10.43		
20	64QAM	50	0	10.55	10.43	10.19	12	0
20	64QAM	50	24	10.55	10.37	10.18		
20	64QAM	50	50	10.43	10.29	10.09		
20	64QAM	100	0	10.46	10.33	10.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.42	10.38	10.63	12	0
15	QPSK	1	37	10.47	10.28	10.23		
15	QPSK	1	74	10.27	10.61	10.62		
15	QPSK	36	0	10.61	10.51	10.16	12	0
15	QPSK	36	20	10.63	10.42	10.23		
15	QPSK	36	39	10.54	10.36	10.13		
15	QPSK	75	0	10.62	10.30	10.12		
15	16QAM	1	0	10.55	10.61	10.41	12	0
15	16QAM	1	37	10.20	10.36	10.14		
15	16QAM	1	74	10.32	10.30	10.29		
15	16QAM	36	0	10.53	10.40	10.18	12	0
15	16QAM	36	20	10.66	10.50	10.25		
15	16QAM	36	39	10.49	10.40	10.21		
15	16QAM	75	0	10.57	10.42	10.23		
15	64QAM	1	0	10.47	10.54	10.34	12	0
15	64QAM	1	37	10.42	10.35	10.36		
15	64QAM	1	74	10.38	10.33	10.06		
15	64QAM	36	0	10.66	10.42	10.19	12	0
15	64QAM	36	20	10.68	10.42	10.25		
15	64QAM	36	39	10.46	10.28	10.22		
15	64QAM	75	0	10.61	10.34	10.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	10.31	10.59	10.60	12	0
10	QPSK	1	25	10.56	10.38	10.23		
10	QPSK	1	49	10.20	10.12	10.25		
10	QPSK	25	0	10.52	10.42	10.21	12	0
10	QPSK	25	12	10.52	10.42	10.12		
10	QPSK	25	25	10.47	10.41	10.16		
10	QPSK	50	0	10.53	10.38	10.53		
10	16QAM	1	0	10.71	10.49	10.36	12	0
10	16QAM	1	25	10.60	10.38	10.33		
10	16QAM	1	49	10.27	10.45	10.34		
10	16QAM	25	0	10.63	10.23	10.32	12	0
10	16QAM	25	12	10.71	10.28	10.21		
10	16QAM	25	25	10.51	10.34	10.36		
10	16QAM	50	0	10.59	10.23	10.33		
10	64QAM	1	0	10.47	10.42	10.71	12	0
10	64QAM	1	25	10.45	10.42	10.31		
10	64QAM	1	49	10.49	10.45	10.41		
10	64QAM	25	0	10.58	10.27	10.23	12	0
10	64QAM	25	12	10.64	10.41	10.33		
10	64QAM	25	25	10.57	10.32	10.36		
10	64QAM	50	0	10.61	10.35	10.31		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	10.46	10.34	10.22	12	0
5	QPSK	1	12	10.46	10.31	10.23		
5	QPSK	1	24	10.35	10.37	10.21		
5	QPSK	12	0	10.52	10.41	10.23	12	0
5	QPSK	12	7	10.70	10.49	10.32		
5	QPSK	12	13	10.62	10.48	10.21		
5	QPSK	25	0	10.60	10.44	10.14		
5	16QAM	1	0	10.49	10.40	10.52	12	0
5	16QAM	1	12	10.43	10.31	10.53		
5	16QAM	1	24	10.32	10.50	10.35		
5	16QAM	12	0	10.67	10.36	10.55	12	0
5	16QAM	12	7	10.62	10.44	10.32		
5	16QAM	12	13	10.67	10.45	10.33		
5	16QAM	25	0	10.67	10.37	10.29		
5	64QAM	1	0	10.21	10.54	10.29	12	0
5	64QAM	1	12	10.53	10.65	10.36		
5	64QAM	1	24	10.69	10.63	10.31		
5	64QAM	12	0	10.52	10.37	10.32	12	0
5	64QAM	12	7	10.62	10.34	10.31		
5	64QAM	12	13	10.69	10.46	10.23		
5	64QAM	25	0	10.55	10.40	10.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	10.47	10.27	10.32	12	0
3	QPSK	1	8	10.53	10.34	10.33		
3	QPSK	1	14	10.45	10.31	10.23		
3	QPSK	8	0	10.53	10.38	10.36	12	0
3	QPSK	8	4	10.68	10.31	10.33		
3	QPSK	8	7	10.60	10.42	10.29		
3	QPSK	15	0	10.50	10.41	10.01		
3	16QAM	1	0	10.54	10.55	10.34	12	0
3	16QAM	1	8	10.63	10.23	10.49		
3	16QAM	1	14	10.42	10.66	10.32		
3	16QAM	8	0	10.64	10.49	10.53	12	0
3	16QAM	8	4	10.69	10.51	10.55		
3	16QAM	8	7	10.58	10.47	10.58		
3	16QAM	15	0	10.60	10.40	10.53		
3	64QAM	1	0	10.58	10.48	10.51	12	0
3	64QAM	1	8	10.63	10.56	10.53		
3	64QAM	1	14	10.60	10.51	10.52		
3	64QAM	8	0	10.57	10.34	10.51	12	0
3	64QAM	8	4	10.64	10.39	10.51		
3	64QAM	8	7	10.49	10.45	10.53		
3	64QAM	15	0	10.57	10.36	10.51		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	10.46	10.25	10.32	12	0
1.4	QPSK	1	3	10.47	10.40	10.30		
1.4	QPSK	1	5	10.48	10.29	10.39		
1.4	QPSK	3	0	10.45	10.25	10.34		
1.4	QPSK	3	1	10.45	10.27	10.33		
1.4	QPSK	3	3	10.39	10.33	10.34		
1.4	QPSK	6	0	10.55	10.28	10.31	12	0
1.4	16QAM	1	0	10.33	10.34	10.39	12	0
1.4	16QAM	1	3	10.53	10.71	10.53		
1.4	16QAM	1	5	10.45	10.44	10.36		
1.4	16QAM	3	0	10.53	10.36	10.55		
1.4	16QAM	3	1	10.67	10.50	10.51		
1.4	16QAM	3	3	10.41	10.50	10.42		
1.4	16QAM	6	0	10.55	10.48	10.39	12	0
1.4	64QAM	1	0	10.59	10.44	10.41	12	0
1.4	64QAM	1	3	10.55	10.42	10.40		
1.4	64QAM	1	5	10.57	10.70	10.42		
1.4	64QAM	3	0	10.57	10.21	10.24		
1.4	64QAM	3	1	10.61	10.49	10.15		
1.4	64QAM	3	3	10.53	10.42	10.11		
1.4	64QAM	6	0	10.54	10.28	10.43	12	0

Band 41 (2.6G Band) for Class3&2 Only for ENDC										
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	16.53	16.57	16.75	16.53	16.34	17.5	0
20	QPSK	1	49	16.48	16.56	16.39	16.47	16.27		
20	QPSK	1	99	16.51	16.48	16.50	16.47	16.30		
20	QPSK	50	0	16.65	16.65	16.68	16.58	16.42	17.5	0
20	QPSK	50	24	16.65	16.67	16.42	16.57	16.42		
20	QPSK	50	50	16.65	16.62	16.40	16.49	16.28		
20	QPSK	100	0	16.57	16.54	16.63	16.59	16.38		
20	16QAM	1	0	16.69	16.61	16.52	16.64	16.43	17.5	0
20	16QAM	1	49	16.63	16.66	16.45	16.52	16.36		
20	16QAM	1	99	16.64	16.58	16.21	16.57	16.41		
20	16QAM	50	0	16.66	16.67	16.29	16.62	16.46	17.5	0
20	16QAM	50	24	16.65	16.64	16.42	16.63	16.45		
20	16QAM	50	50	16.65	16.62	16.46	16.52	16.33		
20	16QAM	100	0	16.54	16.53	16.35	16.62	16.42		
20	64QAM	1	0	16.46	16.59	16.35	16.56	16.32	17.5	0
20	64QAM	1	49	16.33	16.37	16.32	16.39	16.23		
20	64QAM	1	99	16.36	16.25	16.41	16.23	16.23		
20	64QAM	50	0	16.60	16.60	16.23	16.54	16.39	17.5	0
20	64QAM	50	24	16.62	16.61	16.36	16.55	16.37		
20	64QAM	50	50	16.60	16.57	16.37	16.46	16.25		
20	64QAM	100	0	16.60	16.61	16.36	16.64	16.48		
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	16.52	16.24	16.10	16.47	16.29	17.5	0
15	QPSK	1	37	16.52	16.18	16.37	16.37	16.17		
15	QPSK	1	74	16.51	16.34	16.24	16.44	16.19		
15	QPSK	36	0	16.65	16.34	16.30	16.58	16.34	17.5	0
15	QPSK	36	20	16.63	16.34	16.39	16.56	16.35		
15	QPSK	36	39	16.63	16.30	16.45	16.48	16.34		
15	QPSK	75	0	16.61	16.30	16.34	16.56	16.37		
15	16QAM	1	0	16.72	16.38	16.25	16.64	16.40	17.5	0
15	16QAM	1	37	16.62	16.30	16.41	16.53	16.48		
15	16QAM	1	74	16.65	16.37	16.39	16.56	16.44		
15	16QAM	36	0	16.62	16.35	16.27	16.53	16.36	17.5	0
15	16QAM	36	20	16.64	16.54	16.38	16.54	16.33		
15	16QAM	36	39	16.60	16.46	16.42	16.46	16.35		
15	16QAM	75	0	16.60	16.59	16.39	16.59	16.40		
15	64QAM	1	0	16.52	16.52	16.18	16.52	16.27	17.5	0
15	64QAM	1	37	16.41	16.51	16.32	16.51	16.11		
15	64QAM	1	74	16.37	16.33	16.16	16.33	16.22		
15	64QAM	36	0	16.66	16.56	16.30	16.58	16.40	17.5	0
15	64QAM	36	20	16.64	16.53	16.43	16.57	16.37		
15	64QAM	36	39	16.63	16.54	16.44	16.49	16.36		
15	64QAM	75	0	16.62	16.27	16.36	16.61	16.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.51	16.34	16.07	16.36	16.24	17.5	0
10	QPSK	1	25	16.48	16.45	16.08	16.48	16.18		
10	QPSK	1	49	16.51	16.29	16.08	16.40	16.34		
10	QPSK	25	0	16.59	16.62	16.29	16.56	16.34	17.5	0
10	QPSK	25	12	16.65	16.65	16.32	16.59	16.34		
10	QPSK	25	25	16.64	16.56	16.37	16.49	16.30		
10	QPSK	50	0	16.54	16.56	16.32	16.57	16.30		
10	16QAM	1	0	16.69	16.43	16.41	16.59	16.38	17.5	0
10	16QAM	1	25	16.68	16.43	16.32	16.62	16.30		
10	16QAM	1	49	16.31	16.43	16.69	16.51	16.37		
10	16QAM	25	0	16.67	16.59	16.31	16.58	16.35	17.5	0
10	16QAM	25	12	16.67	16.69	16.42	16.61	16.37		
10	16QAM	25	25	16.67	16.59	16.39	16.50	16.50		
10	16QAM	50	0	16.28	16.42	16.34	16.61	16.25		
10	64QAM	1	0	16.64	16.38	16.55	16.53	16.25	17.5	0
10	64QAM	1	25	16.35	16.41	16.43	16.66	16.26		
10	64QAM	1	49	16.60	16.28	16.32	16.52	16.28		
10	64QAM	25	0	16.64	16.62	16.29	16.55	16.59	17.5	0
10	64QAM	25	12	16.70	16.69	16.38	16.59	16.31		
10	64QAM	25	25	16.55	16.53	16.44	16.44	16.34		
10	64QAM	50	0	16.70	16.56	16.27	16.55	16.32		
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	16.55	16.57	16.23	16.47	16.23	17.5	0
5	QPSK	1	12	16.49	16.57	16.30	16.42	16.24		
5	QPSK	1	24	16.52	16.45	16.22	16.41	16.20		
5	QPSK	12	0	16.62	16.68	16.40	16.52	16.30	17.5	0
5	QPSK	12	7	16.66	16.70	16.48	16.58	16.32		
5	QPSK	12	13	16.64	16.65	16.42	16.53	16.32		
5	QPSK	25	0	16.63	16.63	16.39	16.53	16.32		
5	16QAM	1	0	16.71	16.63	16.40	16.60	16.35	17.5	0
5	16QAM	1	12	16.54	16.46	16.56	16.63	16.40		
5	16QAM	1	24	16.70	16.66	16.51	16.65	16.35		
5	16QAM	12	0	16.61	16.66	16.40	16.53	16.28	17.5	0
5	16QAM	12	7	16.66	16.71	16.48	16.59	16.33		
5	16QAM	12	13	16.60	16.65	16.45	16.53	16.27		
5	16QAM	25	0	16.67	16.63	16.42	16.57	16.34		
5	64QAM	1	0	16.46	16.41	16.16	16.32	16.12	17.5	0
5	64QAM	1	12	16.43	16.44	16.24	16.32	16.16		
5	64QAM	1	24	16.44	16.40	16.21	16.34	16.10		
5	64QAM	12	0	16.62	16.66	16.38	16.52	16.28	17.5	0
5	64QAM	12	7	16.65	16.66	16.47	16.54	16.36		
5	64QAM	12	13	16.60	16.62	16.40	16.55	16.31		
5	64QAM	25	0	16.61	16.64	16.35	16.51	16.31		

Band 2 (1900MHz Band)
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	13.93	14.10	13.98	15.5	0
20	QPSK	1	49	13.95	13.99	13.62		
20	QPSK	1	99	13.95	13.85	13.88		
20	QPSK	50	0	13.78	14.00	13.77	15.5	0
20	QPSK	50	24	13.61	13.61	13.72		
20	QPSK	50	50	13.61	13.62	13.76		
20	QPSK	100	0	13.56	13.68	13.67		
20	16QAM	1	0	13.82	13.93	14.09	15.5	0
20	16QAM	1	49	13.92	13.85	13.96		
20	16QAM	1	99	13.77	13.92	14.08		
20	16QAM	50	0	13.60	13.56	13.66	15.5	0
20	16QAM	50	24	13.64	13.64	13.77		
20	16QAM	50	50	13.55	13.64	13.79		
20	16QAM	100	0	13.54	13.55	13.68		
20	64QAM	1	0	13.53	13.68	13.70	15.5	0
20	64QAM	1	49	13.51	13.52	13.60		
20	64QAM	1	99	13.61	13.56	13.51		
20	64QAM	50	0	13.64	13.55	13.62	15.5	0
20	64QAM	50	24	13.61	13.59	13.74		
20	64QAM	50	50	13.52	13.63	13.78		
20	64QAM	100	0	13.54	13.58	13.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.85	13.66	13.78	15.5	0
15	QPSK	1	37	13.66	13.79	13.81		
15	QPSK	1	74	13.63	13.75	13.94		
15	QPSK	36	0	13.50	13.71	13.85	15.5	0
15	QPSK	36	20	13.73	13.91	13.92		
15	QPSK	36	39	13.73	13.85	13.88		
15	QPSK	75	0	13.68	13.80	13.92		
15	16QAM	1	0	13.86	13.82	13.89	15.5	0
15	16QAM	1	37	13.70	13.89	13.89		
15	16QAM	1	74	13.89	13.88	13.89		
15	16QAM	36	0	13.58	13.77	13.90	15.5	0
15	16QAM	36	20	13.73	13.76	13.89		
15	16QAM	36	39	13.79	13.88	13.93		
15	16QAM	75	0	13.62	13.89	13.84		
15	64QAM	1	0	13.79	13.87	13.85	15.5	0
15	64QAM	1	37	14.04	14.01	14.01		
15	64QAM	1	74	13.69	13.92	13.96		
15	64QAM	36	0	13.64	13.74	13.86	15.5	0
15	64QAM	36	20	13.72	13.79	14.02		
15	64QAM	36	39	13.78	13.89	14.01		
15	64QAM	75	0	13.74	13.70	13.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.82	13.81	13.89	15.5	0
10	QPSK	1	25	14.02	13.83	13.85		
10	QPSK	1	49	13.83	13.84	13.84		
10	QPSK	25	0	13.62	13.84	13.90	15.5	0
10	QPSK	25	12	13.74	13.81	14.06		
10	QPSK	25	25	13.65	13.82	13.94		
10	QPSK	50	0	13.70	13.75	13.99		
10	16QAM	1	0	13.79	13.61	13.53	15.5	0
10	16QAM	1	25	13.53	13.54	13.52		
10	16QAM	1	49	13.83	13.97	13.65		
10	16QAM	25	0	13.67	13.71	13.54	15.5	0
10	16QAM	25	12	13.78	13.86	13.53		
10	16QAM	25	25	13.52	13.80	14.00		
10	16QAM	50	0	13.64	13.67	13.92		
10	64QAM	1	0	13.54	13.54	13.51	15.5	0
10	64QAM	1	25	13.82	13.72	13.85		
10	64QAM	1	49	13.83	13.72	13.83		
10	64QAM	25	0	13.78	13.75	13.90	15.5	0
10	64QAM	25	12	13.76	13.87	13.95		
10	64QAM	25	25	13.61	13.85	14.02		
10	64QAM	50	0	13.67	13.69	13.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.60	13.79	13.55	15.5	0
5	QPSK	1	12	13.85	13.54	13.56		
5	QPSK	1	24	13.77	13.88	13.95		
5	QPSK	12	0	13.59	13.75	13.65	15.5	0
5	QPSK	12	7	13.69	13.87	13.66		
5	QPSK	12	13	13.85	13.79	13.61		
5	QPSK	25	0	13.72	13.90	13.63		
5	16QAM	1	0	13.76	13.90	13.64	15.5	0
5	16QAM	1	12	13.88	13.56	13.66		
5	16QAM	1	24	13.63	14.00	13.67		
5	16QAM	12	0	13.71	14.02	13.66	15.5	0
5	16QAM	12	7	13.77	13.98	13.67		
5	16QAM	12	13	13.85	14.08	13.76		
5	16QAM	25	0	13.66	13.89	14.08		
5	64QAM	1	0	13.63	13.86	13.53	15.5	0
5	64QAM	1	12	13.64	13.53	13.63		
5	64QAM	1	24	13.56	13.63	13.42		
5	64QAM	12	0	13.69	13.88	13.86	15.5	0
5	64QAM	12	7	13.81	13.85	14.01		
5	64QAM	12	13	13.88	13.86	13.66		
5	64QAM	25	0	13.74	13.85	14.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.76	13.87	13.85	15.5	0
3	QPSK	1	8	13.75	13.80	13.98		
3	QPSK	1	14	13.55	13.66	13.89		
3	QPSK	8	0	13.81	13.85	13.63	15.5	0
3	QPSK	8	4	13.84	13.89	13.62		
3	QPSK	8	7	13.68	13.85	14.06		
3	QPSK	15	0	13.77	13.80	14.04		
3	16QAM	1	0	13.88	13.81	13.85	15.5	0
3	16QAM	1	8	13.81	13.82	13.81		
3	16QAM	1	14	13.82	13.81	13.88		
3	16QAM	8	0	13.66	13.93	13.82	15.5	0
3	16QAM	8	4	13.86	14.02	13.81		
3	16QAM	8	7	13.81	13.90	13.81		
3	16QAM	15	0	13.81	13.85	14.01		
3	64QAM	1	0	13.79	13.93	13.52	15.5	0
3	64QAM	1	8	13.53	13.66	13.66		
3	64QAM	1	14	13.83	13.87	13.63		
3	64QAM	8	0	13.87	14.07	14.03	15.5	0
3	64QAM	8	4	13.81	13.82	13.86		
3	64QAM	8	7	13.70	13.89	14.06		
3	64QAM	15	0	13.77	13.90	14.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.66	13.71	13.88	15.5	0
1.4	QPSK	1	3	13.65	13.73	13.56		
1.4	QPSK	1	5	13.50	13.70	13.81		
1.4	QPSK	3	0	13.58	13.76	13.93		
1.4	QPSK	3	1	13.75	13.89	13.94		
1.4	QPSK	3	3	13.62	13.76	13.88		
1.4	QPSK	6	0	13.68	13.83	14.02	15.5	0
1.4	16QAM	1	0	13.83	13.86	13.86	15.5	0
1.4	16QAM	1	3	13.88	13.81	13.85		
1.4	16QAM	1	5	13.87	13.63	13.66		
1.4	16QAM	3	0	13.53	14.01	13.99		
1.4	16QAM	3	1	13.71	14.03	13.86		
1.4	16QAM	3	3	13.63	13.79	14.01		
1.4	16QAM	6	0	13.75	13.84	13.68	15.5	0
1.4	64QAM	1	0	13.89	13.77	13.59	15.5	0
1.4	64QAM	1	3	13.59	13.90	13.96		
1.4	64QAM	1	5	13.78	13.78	13.88		
1.4	64QAM	3	0	13.77	13.94	14.02		
1.4	64QAM	3	1	13.79	13.68	14.02		
1.4	64QAM	3	3	13.71	13.82	13.98		
1.4	64QAM	6	0	13.65	13.79	14.07	15.5	0

UAT Reduced Power Mode for Sensor On

Band 4 (AWS Band)
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	14.34	14.28	14.22	15.5	0
20	QPSK	1	49	14.05	14.22	14.18		
20	QPSK	1	99	14.08	14.19	14.11		
20	QPSK	50	0	14.05	14.22	13.78	15.5	0
20	QPSK	50	24	14.20	14.10	13.78		
20	QPSK	50	50	14.00	13.95	13.82		
20	QPSK	100	0	14.14	14.08	13.79		
20	16QAM	1	0	13.84	14.02	14.15	15.5	0
20	16QAM	1	49	14.10	14.08	13.92		
20	16QAM	1	99	14.24	14.06	13.89		
20	16QAM	50	0	14.01	14.07	13.88	15.5	0
20	16QAM	50	24	14.22	13.99	14.00		
20	16QAM	50	50	14.02	13.85	14.20		
20	16QAM	100	0	14.07	14.01	14.06		
20	64QAM	1	0	13.88	14.28	14.08	15.5	0
20	64QAM	1	49	14.04	14.13	14.20		
20	64QAM	1	99	14.06	14.22	14.18		
20	64QAM	50	0	14.01	14.05	14.02	15.5	0
20	64QAM	50	24	14.17	14.02	14.09		
20	64QAM	50	50	14.02	14.01	14.06		
20	64QAM	100	0	14.09	13.96	13.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.00	13.92	14.11	15.5	0
15	QPSK	1	37	14.09	13.93	14.10		
15	QPSK	1	74	13.85	13.78	13.97		
15	QPSK	36	0	14.15	14.07	14.21	15.5	0
15	QPSK	36	20	14.26	13.99	14.11		
15	QPSK	36	39	14.04	14.01	14.07		
15	QPSK	75	0	14.17	14.01	13.71		
15	16QAM	1	0	13.97	14.22	14.10	15.5	0
15	16QAM	1	37	13.88	14.28	13.85		
15	16QAM	1	74	14.15	13.98	14.11		
15	16QAM	36	0	14.20	14.06	14.00	15.5	0
15	16QAM	36	20	14.17	14.06	13.96		
15	16QAM	36	39	14.12	13.95	14.01		
15	16QAM	75	0	14.23	13.99	14.00		
15	64QAM	1	0	13.86	14.09	13.98	15.5	0
15	64QAM	1	37	14.30	14.03	14.02		
15	64QAM	1	74	14.10	14.05	14.09		
15	64QAM	36	0	14.16	14.12	14.07	15.5	0
15	64QAM	36	20	14.23	14.00	14.11		
15	64QAM	36	39	14.16	13.95	14.11		
15	64QAM	75	0	13.93	14.05	13.85		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.06	14.12	14.06	15.5	0
10	QPSK	1	25	14.08	13.93	14.02		
10	QPSK	1	49	13.82	13.67	13.98		
10	QPSK	25	0	14.10	14.04	13.96	15.5	0
10	QPSK	25	12	14.18	14.02	14.02		
10	QPSK	25	25	14.12	13.95	14.01		
10	QPSK	50	0	14.08	14.01	13.88		
10	16QAM	1	0	14.16	14.08	13.96	15.5	0
10	16QAM	1	25	13.94	13.89	14.00		
10	16QAM	1	49	14.20	14.05	13.98		
10	16QAM	25	0	14.11	13.96	14.11	15.5	0
10	16QAM	25	12	14.22	13.99	14.10		
10	16QAM	25	25	14.00	13.97	14.08		
10	16QAM	50	0	14.13	13.91	14.11		
10	64QAM	1	0	14.18	14.07	13.65	15.5	0
10	64QAM	1	25	13.84	13.96	13.88		
10	64QAM	1	49	13.99	13.92	13.68		
10	64QAM	25	0	14.20	13.98	14.00	15.5	0
10	64QAM	25	12	14.18	14.10	13.98		
10	64QAM	25	25	14.09	13.92	14.11		
10	64QAM	50	0	14.15	13.90	13.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.14	13.93	14.09	15.5	0
5	QPSK	1	12	14.08	14.08	14.07		
5	QPSK	1	24	13.99	13.90	14.19		
5	QPSK	12	0	14.24	14.05	14.00	15.5	0
5	QPSK	12	7	14.17	14.11	14.06		
5	QPSK	12	13	14.09	14.01	14.09		
5	QPSK	25	0	14.17	14.01	13.71		
5	16QAM	1	0	13.95	14.01	14.06	15.5	0
5	16QAM	1	12	13.88	13.98	14.23		
5	16QAM	1	24	13.96	14.20	13.90		
5	16QAM	12	0	14.23	14.14	14.01	15.5	0
5	16QAM	12	7	14.25	14.07	14.11		
5	16QAM	12	13	14.17	13.97	14.10		
5	16QAM	25	0	14.12	14.02	13.64		
5	64QAM	1	0	13.89	14.21	13.91	15.5	0
5	64QAM	1	12	14.04	14.22	14.02		
5	64QAM	1	24	14.17	14.16	13.73		
5	64QAM	12	0	14.22	14.06	14.02	15.5	0
5	64QAM	12	7	14.21	13.99	14.03		
5	64QAM	12	13	14.08	14.02	14.06		
5	64QAM	25	0	14.18	13.99	13.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.22	14.03	14.09	15.5	0
3	QPSK	1	8	14.18	14.10	14.01		
3	QPSK	1	14	14.09	13.92	14.02		
3	QPSK	8	0	14.26	14.09	14.11	15.5	0
3	QPSK	8	4	14.29	14.06	14.01		
3	QPSK	8	7	14.16	14.04	14.03		
3	QPSK	15	0	14.23	14.07	14.01		
3	16QAM	1	0	14.08	13.88	13.97	15.5	0
3	16QAM	1	8	14.08	13.89	13.94		
3	16QAM	1	14	13.92	14.22	13.84		
3	16QAM	8	0	13.88	14.11	14.09	15.5	0
3	16QAM	8	4	13.90	14.11	14.02		
3	16QAM	8	7	14.25	14.12	14.03		
3	16QAM	15	0	13.89	14.09	13.73		
3	64QAM	1	0	13.98	13.88	13.90	15.5	0
3	64QAM	1	8	13.88	13.87	14.04		
3	64QAM	1	14	13.90	14.21	14.02		
3	64QAM	8	0	14.29	14.09	14.03	15.5	0
3	64QAM	8	4	14.29	14.07	14.11		
3	64QAM	8	7	14.20	14.06	14.11		
3	64QAM	15	0	14.26	14.05	14.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.02	13.90	14.11	15.5	0
1.4	QPSK	1	3	14.02	13.97	14.12		
1.4	QPSK	1	5	13.93	13.88	14.13		
1.4	QPSK	3	0	14.05	13.92	14.11		
1.4	QPSK	3	1	14.08	13.99	14.12		
1.4	QPSK	3	3	14.02	13.93	14.02		
1.4	QPSK	6	0	14.10	13.97	14.01	15.5	0
1.4	16QAM	1	0	14.03	14.21	13.81	15.5	0
1.4	16QAM	1	3	13.93	13.88	13.84		
1.4	16QAM	1	5	14.28	14.24	13.81		
1.4	16QAM	3	0	14.14	13.97	14.02		
1.4	16QAM	3	1	14.21	14.10	14.22		
1.4	16QAM	3	3	14.09	14.04	14.11		
1.4	16QAM	6	0	14.20	13.97	14.02	15.5	0
1.4	64QAM	1	0	14.28	14.09	14.01	15.5	0
1.4	64QAM	1	3	13.90	14.26	14.01		
1.4	64QAM	1	5	14.26	14.11	14.02		
1.4	64QAM	3	0	14.16	14.07	13.99		
1.4	64QAM	3	1	14.21	14.15	13.94		
1.4	64QAM	3	3	14.11	14.01	14.03		
1.4	64QAM	6	0	14.11	13.97	13.91	15.5	0

Band 5 (Cellular Band)
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	20.43	20.44	20.36	21.5	0
10	QPSK	1	25	20.14	20.01	20.31		
10	QPSK	1	49	20.42	20.21	20.22		
10	QPSK	25	0	20.18	20.33	19.97	21.5	0
10	QPSK	25	12	20.22	19.98	20.04		
10	QPSK	25	25	20.08	19.99	19.91		
10	QPSK	50	0	19.98	20.01	20.04		
10	16QAM	1	0	20.15	20.13	20.37	21.5	0
10	16QAM	1	25	20.10	20.24	20.41		
10	16QAM	1	49	20.18	20.43	20.43		
10	16QAM	25	0	20.02	20.05	19.95	21.5	0
10	16QAM	25	12	20.14	19.93	20.04		
10	16QAM	25	25	20.16	20.00	19.96		
10	16QAM	50	0	20.12	19.89	19.95		
10	64QAM	1	0	20.12	20.12	20.15	21.5	0
10	64QAM	1	25	20.35	20.11	20.13		
10	64QAM	1	49	20.13	20.36	20.12		
10	64QAM	25	0	19.62	19.55	19.47	20.5	1
10	64QAM	25	12	19.69	19.63	19.44		
10	64QAM	25	25	19.59	19.54	19.48		
10	64QAM	50	0	19.65	19.43	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.14	19.86	19.73	21.5	0
5	QPSK	1	12	20.03	20.14	19.92		
5	QPSK	1	24	20.03	19.90	19.83		
5	QPSK	12	0	20.14	19.99	19.82	21.5	0
5	QPSK	12	7	20.19	20.12	19.91		
5	QPSK	12	13	20.14	20.07	19.83		
5	QPSK	25	0	20.14	20.02	19.81		
5	16QAM	1	0	20.28	20.10	20.01	21.5	0
5	16QAM	1	12	20.10	20.12	20.11		
5	16QAM	1	24	20.40	20.12	20.13		
5	16QAM	12	0	20.21	20.11	19.85	21.5	0
5	16QAM	12	7	20.23	20.21	19.90		
5	16QAM	12	13	20.13	20.15	19.79		
5	16QAM	25	0	20.27	20.08	19.88		
5	64QAM	1	0	20.13	20.08	20.16	21.5	0
5	64QAM	1	12	20.37	20.11	20.08		
5	64QAM	1	24	20.10	20.28	20.15		
5	64QAM	12	0	19.70	19.49	19.41	20.5	1
5	64QAM	12	7	19.80	19.48	19.50		
5	64QAM	12	13	19.64	19.57	19.54		
5	64QAM	25	0	19.67	19.52	19.39		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.13	19.95	19.94	21.5	0
3	QPSK	1	8	20.14	20.01	19.82		
3	QPSK	1	14	19.97	19.98	19.84		
3	QPSK	8	0	20.16	20.04	19.94	21.5	0
3	QPSK	8	4	20.21	20.11	19.96		
3	QPSK	8	7	20.14	20.07	19.92		
3	QPSK	15	0	20.24	20.08	19.94		
3	16QAM	1	0	20.19	20.15	20.12	21.5	0
3	16QAM	1	8	20.37	20.13	20.23		
3	16QAM	1	14	20.42	20.42	20.36		
3	16QAM	8	0	20.34	20.07	20.01	21.5	0
3	16QAM	8	4	20.22	20.19	20.03		
3	16QAM	8	7	20.19	20.16	19.90		
3	16QAM	15	0	20.23	20.08	19.95		
3	64QAM	1	0	20.37	20.43	20.05	21.5	0
3	64QAM	1	8	20.41	20.28	20.12		
3	64QAM	1	14	20.16	20.15	20.13		
3	64QAM	8	0	19.76	19.55	19.44	20.5	1
3	64QAM	8	4	19.70	19.59	19.51		
3	64QAM	8	7	19.72	19.59	19.50		
3	64QAM	15	0	19.64	19.65	19.51		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.08	19.98	19.77	21.5	0
1.4	QPSK	1	3	20.04	19.93	19.79		
1.4	QPSK	1	5	19.99	19.86	19.71		
1.4	QPSK	3	0	20.07	19.95	19.75		
1.4	QPSK	3	1	20.04	20.00	19.78		
1.4	QPSK	3	3	20.02	19.90	19.72		
1.4	QPSK	6	0	20.11	20.01	19.75	21.5	0
1.4	16QAM	1	0	20.16	20.08	20.17	21.5	0
1.4	16QAM	1	3	20.34	20.14	19.97		
1.4	16QAM	1	5	20.31	20.17	19.88		
1.4	16QAM	3	0	20.10	20.12	19.92		
1.4	16QAM	3	1	20.20	20.13	19.82		
1.4	16QAM	3	3	20.26	20.02	19.84		
1.4	16QAM	6	0	20.20	20.19	19.72	21.5	0
1.4	64QAM	1	0	20.02	20.18	20.16	21.5	0
1.4	64QAM	1	3	20.14	20.16	20.16		
1.4	64QAM	1	5	20.14	20.21	20.15		
1.4	64QAM	3	0	20.09	20.22	20.13		
1.4	64QAM	3	1	20.20	20.21	19.92		
1.4	64QAM	3	3	20.12	20.26	19.80		
1.4	64QAM	6	0	19.52	19.54	19.18	20.5	1

Band 25 (1900MHz Band) Only for ENDC
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	14.58	14.88	14.50	15.5	0
20	QPSK	1	49	14.45	14.49	14.53		
20	QPSK	1	99	14.41	14.55	14.48		
20	QPSK	50	0	14.58	14.87	14.58	15.5	0
20	QPSK	50	24	14.52	14.60	14.69		
20	QPSK	50	50	14.51	14.64	14.70		
20	QPSK	100	0	14.84	14.92	14.85		
20	16QAM	1	0	14.72	14.69	14.85	15.5	0
20	16QAM	1	49	14.70	14.89	14.77		
20	16QAM	1	99	14.60	14.87	14.82		
20	16QAM	50	0	14.45	14.58	14.61	15.5	0
20	16QAM	50	24	14.56	14.72	14.74		
20	16QAM	50	50	14.53	14.67	14.82		
20	16QAM	100	0	14.40	14.62	14.53		
20	64QAM	1	0	14.54	14.61	14.60	15.5	0
20	64QAM	1	49	14.43	14.58	14.56		
20	64QAM	1	99	14.63	14.53	14.63		
20	64QAM	50	0	14.56	14.54	14.53	15.5	0
20	64QAM	50	24	14.56	14.56	14.77		
20	64QAM	50	50	14.47	14.66	14.66		
20	64QAM	100	0	14.46	14.59	14.55		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.24	14.59	14.62	15.5	0
15	QPSK	1	37	14.43	14.53	14.48		
15	QPSK	1	74	14.30	14.58	14.48		
15	QPSK	36	0	14.37	14.48	14.44	15.5	0
15	QPSK	36	20	14.57	14.67	14.68		
15	QPSK	36	39	14.44	14.64	14.66		
15	QPSK	75	0	14.47	14.60	14.63		
15	16QAM	1	0	14.51	14.84	14.75	15.5	0
15	16QAM	1	37	14.89	14.88	14.90		
15	16QAM	1	74	14.54	14.90	14.94		
15	16QAM	36	0	14.35	14.53	14.45	15.5	0
15	16QAM	36	20	14.49	14.75	14.77		
15	16QAM	36	39	14.40	14.54	14.62		
15	16QAM	75	0	14.48	14.69	14.54		
15	64QAM	1	0	14.31	14.61	14.51	15.5	0
15	64QAM	1	37	14.74	14.68	14.66		
15	64QAM	1	74	14.25	14.74	14.64		
15	64QAM	36	0	14.40	14.57	14.55	15.5	0
15	64QAM	36	20	14.56	14.55	14.57		
15	64QAM	36	39	14.37	14.53	14.65		
15	64QAM	75	0	14.29	14.60	14.61		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.09	14.24	14.37	15.5	0
10	QPSK	1	25	14.29	14.43	14.40		
10	QPSK	1	49	14.02	14.12	14.49		
10	QPSK	25	0	14.44	14.42	14.54	15.5	0
10	QPSK	25	12	14.49	14.60	14.67		
10	QPSK	25	25	14.40	14.56	14.58		
10	QPSK	50	0	14.38	14.53	14.55		
10	16QAM	1	0	14.60	14.36	14.40	15.5	0
10	16QAM	1	25	14.75	14.84	14.55		
10	16QAM	1	49	14.34	14.67	14.54		
10	16QAM	25	0	14.41	14.41	14.39	15.5	0
10	16QAM	25	12	14.39	14.62	14.57		
10	16QAM	25	25	14.41	14.56	14.58		
10	16QAM	50	0	14.45	14.48	14.55		
10	64QAM	1	0	14.40	14.63	14.56	15.5	0
10	64QAM	1	25	14.71	14.68	14.62		
10	64QAM	1	49	14.48	14.40	14.60		
10	64QAM	25	0	14.33	14.26	14.59	15.5	0
10	64QAM	25	12	14.54	14.28	14.60		
10	64QAM	25	25	14.53	14.29	14.63		
10	64QAM	50	0	14.50	14.61	14.58		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.41	14.42	14.54	15.5	0
5	QPSK	1	12	14.46	14.50	14.58		
5	QPSK	1	24	14.32	14.55	14.51		
5	QPSK	12	0	14.52	14.50	14.63	15.5	0
5	QPSK	12	7	14.55	14.61	14.64		
5	QPSK	12	13	14.47	14.58	14.64		
5	QPSK	25	0	14.45	14.59	14.63		
5	16QAM	1	0	14.75	14.69	14.90	15.5	0
5	16QAM	1	12	14.68	14.93	14.78		
5	16QAM	1	24	14.67	14.83	14.99		
5	16QAM	12	0	14.55	14.55	14.56	15.5	0
5	16QAM	12	7	14.54	14.64	14.66		
5	16QAM	12	13	14.50	14.67	14.66		
5	16QAM	25	0	14.55	14.59	14.67		
5	64QAM	1	0	14.64	14.67	14.60	15.5	0
5	64QAM	1	12	14.78	14.69	14.57		
5	64QAM	1	24	14.62	14.78	14.54		
5	64QAM	12	0	14.51	14.58	14.50	15.5	0
5	64QAM	12	7	14.43	14.40	14.60		
5	64QAM	12	13	14.49	14.59	14.62		
5	64QAM	25	0	14.33	14.42	14.57		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.39	14.30	14.54	15.5	0
3	QPSK	1	8	14.56	14.59	14.59		
3	QPSK	1	14	14.31	14.56	14.54		
3	QPSK	8	0	14.47	14.50	14.59	15.5	0
3	QPSK	8	4	14.52	14.62	14.69		
3	QPSK	8	7	14.53	14.60	14.62		
3	QPSK	15	0	14.45	14.56	14.65		
3	16QAM	1	0	14.68	14.65	14.64	15.5	0
3	16QAM	1	8	14.86	14.71	14.75		
3	16QAM	1	14	14.85	14.81	14.88		
3	16QAM	8	0	14.44	14.60	14.60	15.5	0
3	16QAM	8	4	14.56	14.68	14.69		
3	16QAM	8	7	14.54	14.64	14.62		
3	16QAM	15	0	14.58	14.57	14.55		
3	64QAM	1	0	14.60	14.62	14.56	15.5	0
3	64QAM	1	8	14.44	14.86	14.73		
3	64QAM	1	14	14.76	14.73	14.94		
3	64QAM	8	0	14.54	14.64	14.59	15.5	0
3	64QAM	8	4	14.46	14.55	14.59		
3	64QAM	8	7	14.38	14.39	14.60		
3	64QAM	15	0	14.47	14.57	14.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.39	14.28	14.44	15.5	0
1.4	QPSK	1	3	14.47	14.44	14.46		
1.4	QPSK	1	5	14.33	14.41	14.48		
1.4	QPSK	3	0	14.41	14.40	14.45		
1.4	QPSK	3	1	14.41	14.49	14.50		
1.4	QPSK	3	3	14.34	14.41	14.49		
1.4	QPSK	6	0	14.42	14.45	14.54	15.5	0
1.4	16QAM	1	0	14.58	14.50	14.70	15.5	0
1.4	16QAM	1	3	14.73	14.75	14.86		
1.4	16QAM	1	5	14.73	14.66	14.68		
1.4	16QAM	3	0	14.49	14.43	14.45		
1.4	16QAM	3	1	14.46	14.67	14.54		
1.4	16QAM	3	3	14.35	14.55	14.51		
1.4	16QAM	6	0	14.45	14.56	14.59	15.5	0
1.4	64QAM	1	0	14.65	14.53	14.76	15.5	0
1.4	64QAM	1	3	14.56	14.58	14.60		
1.4	64QAM	1	5	14.46	14.77	14.43		
1.4	64QAM	3	0	14.34	14.58	14.57		
1.4	64QAM	3	1	14.51	14.42	14.67		
1.4	64QAM	3	3	14.52	14.50	14.56		
1.4	64QAM	6	0	14.26	14.46	14.52	15.5	0

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		18.93		20	0
10	QPSK	1	25		18.82			
10	QPSK	1	49		18.50			
10	QPSK	25	0		18.88		20	0
10	QPSK	25	12		18.65			
10	QPSK	25	25		18.55			
10	QPSK	50	0		18.52			
10	16QAM	1	0		18.92		20	0
10	16QAM	1	25		18.85			
10	16QAM	1	49		18.83			
10	16QAM	25	0		18.53		20	0
10	16QAM	25	12		18.70			
10	16QAM	25	25		18.53			
10	16QAM	50	0		18.58			
10	64QAM	1	0		18.74		20	0
10	64QAM	1	25		18.87			
10	64QAM	1	49		18.75			
10	64QAM	25	0		18.64		20	0
10	64QAM	25	12		18.61			
10	64QAM	25	25		18.67			
10	64QAM	50	0		18.51			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.50	18.49	18.60	20	0
5	QPSK	1	12	18.58	18.58	18.66		
5	QPSK	1	24	18.59	18.54	18.50		
5	QPSK	12	0	18.67	18.67	18.58	20	0
5	QPSK	12	7	18.73	18.72	18.71		
5	QPSK	12	13	18.65	18.66	18.65		
5	QPSK	25	0	18.69	18.67	18.71		
5	16QAM	1	0	18.73	18.92	18.66	20	0
5	16QAM	1	12	18.78	18.70	18.68		
5	16QAM	1	24	18.87	18.76	18.87		
5	16QAM	12	0	18.68	18.66	18.61	20	0
5	16QAM	12	7	18.75	18.79	18.72		
5	16QAM	12	13	18.76	18.72	18.73		
5	16QAM	25	0	18.61	18.69	18.70		
5	64QAM	1	0	18.78	18.77	18.75	20	0
5	64QAM	1	12	18.87	18.73	18.61		
5	64QAM	1	24	18.72	18.74	18.78		
5	64QAM	12	0	18.67	18.53	18.60	20	0
5	64QAM	12	7	18.87	18.69	18.79		
5	64QAM	12	13	18.62	18.74	18.67		
5	64QAM	25	0	18.68	18.66	18.62		

Band 66

BW [MHz]	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	14.43	14.55	14.34	15.5	0
20	QPSK	1	49	14.22	14.32	14.33		
20	QPSK	1	99	14.21	14.33	14.21		
20	QPSK	50	0	14.14	14.54	14.12	15.5	0
20	QPSK	50	24	14.37	14.20	14.21		
20	QPSK	50	50	14.13	14.09	14.10		
20	QPSK	100	0	14.23	14.41	13.91		
20	16QAM	1	0	14.01	14.12	14.30	15.5	0
20	16QAM	1	49	14.23	14.22	14.02		
20	16QAM	1	99	14.33	14.22	14.01		
20	16QAM	50	0	14.18	14.17	14.03	15.5	0
20	16QAM	50	24	14.35	14.13	14.10		
20	16QAM	50	50	14.11	14.01	14.32		
20	16QAM	100	0	14.24	14.11	14.21		
20	64QAM	1	0	14.01	14.42	14.18	15.5	0
20	64QAM	1	49	14.13	14.29	14.32		
20	64QAM	1	99	14.23	14.32	14.33		
20	64QAM	50	0	14.14	14.19	14.12	15.5	0
20	64QAM	50	24	14.26	14.18	14.21		
20	64QAM	50	50	14.19	14.11	14.21		
20	64QAM	100	0	14.22	14.10	13.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.13	14.06	14.21	15.5	0
15	QPSK	1	37	14.18	14.09	14.22		
15	QPSK	1	74	14.02	13.88	14.12		
15	QPSK	36	0	14.28	14.21	14.31	15.5	0
15	QPSK	36	20	14.35	14.15	14.23		
15	QPSK	36	39	14.21	14.11	14.22		
15	QPSK	75	0	14.30	14.15	13.81		
15	16QAM	1	0	14.06	14.38	14.22	15.5	0
15	16QAM	1	37	14.05	14.38	14.00		
15	16QAM	1	74	14.28	14.12	14.21		
15	16QAM	36	0	14.29	14.22	14.12	15.5	0
15	16QAM	36	20	14.34	14.16	14.11		
15	16QAM	36	39	14.25	14.09	14.11		
15	16QAM	75	0	14.32	14.15	14.12		
15	64QAM	1	0	14.03	14.19	14.13	15.5	0
15	64QAM	1	37	14.43	14.17	14.12		
15	64QAM	1	74	14.19	14.21	14.21		
15	64QAM	36	0	14.33	14.22	14.22	15.5	0
15	64QAM	36	20	14.36	14.14	14.21		
15	64QAM	36	39	14.25	14.11	14.23		
15	64QAM	75	0	14.10	14.15	14.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.23	14.22	14.21	15.5	0
10	QPSK	1	25	14.21	14.07	14.12		
10	QPSK	1	49	13.91	13.83	14.10		
10	QPSK	25	0	14.27	14.14	14.11	15.5	0
10	QPSK	25	12	14.31	14.16	14.12		
10	QPSK	25	25	14.21	14.11	14.13		
10	QPSK	50	0	14.25	14.11	14.03		
10	16QAM	1	0	14.29	14.22	14.06	15.5	0
10	16QAM	1	25	14.03	14.05	14.12		
10	16QAM	1	49	14.37	14.15	14.13		
10	16QAM	25	0	14.24	14.10	14.21	15.5	0
10	16QAM	25	12	14.31	14.15	14.22		
10	16QAM	25	25	14.17	14.07	14.23		
10	16QAM	50	0	14.26	14.05	14.21		
10	64QAM	1	0	14.27	14.23	13.77	15.5	0
10	64QAM	1	25	14.01	14.06	14.03		
10	64QAM	1	49	14.12	14.06	13.78		
10	64QAM	25	0	14.29	14.14	14.12	15.5	0
10	64QAM	25	12	14.35	14.20	14.13		
10	64QAM	25	25	14.22	14.06	14.21		
10	64QAM	50	0	14.24	14.06	14.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.23	14.09	14.21	15.5	0
5	QPSK	1	12	14.25	14.18	14.22		
5	QPSK	1	24	14.12	14.04	14.29		
5	QPSK	12	0	14.33	14.21	14.12	15.5	0
5	QPSK	12	7	14.34	14.21	14.21		
5	QPSK	12	13	14.22	14.15	14.19		
5	QPSK	25	0	14.26	14.17	13.83		
5	16QAM	1	0	14.12	14.11	14.21	15.5	0
5	16QAM	1	12	14.01	14.12	14.33		
5	16QAM	1	24	14.05	14.36	14.02		
5	16QAM	12	0	14.40	14.24	14.16	15.5	0
5	16QAM	12	7	14.38	14.21	14.21		
5	16QAM	12	13	14.26	14.13	14.22		
5	16QAM	25	0	14.29	14.12	13.79		
5	64QAM	1	0	14.02	14.35	14.01	15.5	0
5	64QAM	1	12	14.13	14.38	14.14		
5	64QAM	1	24	14.34	14.26	13.88		
5	64QAM	12	0	14.35	14.20	14.12	15.5	0
5	64QAM	12	7	14.30	14.15	14.15		
5	64QAM	12	13	14.25	14.12	14.21		
5	64QAM	25	0	14.31	14.13	13.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.35	14.17	14.19	15.5	0
3	QPSK	1	8	14.31	14.24	14.11		
3	QPSK	1	14	14.22	14.06	14.12		
3	QPSK	8	0	14.39	14.23	14.21	15.5	0
3	QPSK	8	4	14.42	14.20	14.11		
3	QPSK	8	7	14.29	14.18	14.13		
3	QPSK	15	0	14.36	14.21	14.11		
3	16QAM	1	0	14.21	14.02	14.07	15.5	0
3	16QAM	1	8	14.21	14.03	14.04		
3	16QAM	1	14	14.05	14.36	13.94		
3	16QAM	8	0	14.01	14.25	14.19	15.5	0
3	16QAM	8	4	14.03	14.25	14.12		
3	16QAM	8	7	14.38	14.26	14.13		
3	16QAM	15	0	14.02	14.23	13.83		
3	64QAM	1	0	14.11	14.02	14.00	15.5	0
3	64QAM	1	8	14.01	14.01	14.14		
3	64QAM	1	14	14.03	14.35	14.12		
3	64QAM	8	0	14.42	14.23	14.13	15.5	0
3	64QAM	8	4	14.42	14.21	14.21		
3	64QAM	8	7	14.33	14.20	14.21		
3	64QAM	15	0	14.39	14.19	14.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.15	14.04	14.21	15.5	0
1.4	QPSK	1	3	14.15	14.11	14.22		
1.4	QPSK	1	5	14.06	14.02	14.23		
1.4	QPSK	3	0	14.18	14.06	14.21		
1.4	QPSK	3	1	14.21	14.13	14.22		
1.4	QPSK	3	3	14.15	14.07	14.12		
1.4	QPSK	6	0	14.23	14.11	14.11	15.5	0
1.4	16QAM	1	0	14.16	14.35	13.91	15.5	0
1.4	16QAM	1	3	14.06	14.02	13.94		
1.4	16QAM	1	5	14.41	14.38	13.91		
1.4	16QAM	3	0	14.27	14.11	14.12		
1.4	16QAM	3	1	14.34	14.24	14.32		
1.4	16QAM	3	3	14.22	14.18	14.21		
1.4	16QAM	6	0	14.33	14.11	14.12	15.5	0
1.4	64QAM	1	0	14.41	14.23	14.11	15.5	0
1.4	64QAM	1	3	14.03	14.40	14.11		
1.4	64QAM	1	5	14.39	14.25	14.12		
1.4	64QAM	3	0	14.29	14.21	14.09		
1.4	64QAM	3	1	14.34	14.29	14.04		
1.4	64QAM	3	3	14.24	14.15	14.13		
1.4	64QAM	6	0	14.24	14.11	14.01	15.5	0

Band 41 (2.6G Band) for Class3&2 Only for ENDC										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.51	19.22	19.71	19.59	19.34	20.5	0
20	QPSK	1	49	19.53	19.38	19.46	19.46	19.27		
20	QPSK	1	99	19.53	19.41	19.40	19.53	19.34		
20	QPSK	50	0	19.68	19.29	19.69	19.65	19.45	20.5	0
20	QPSK	50	24	19.63	19.29	19.48	19.65	19.44		
20	QPSK	50	50	19.59	19.23	19.48	19.55	19.32		
20	QPSK	100	0	19.57	19.18	19.67	19.66	19.45		
20	16QAM	1	0	19.62	19.32	19.19	19.69	19.48	20.5	0
20	16QAM	1	49	19.59	19.19	19.56	19.56	19.36		
20	16QAM	1	99	19.64	19.26	19.28	19.60	19.43		
20	16QAM	50	0	19.62	19.27	19.38	19.64	19.46	20.5	0
20	16QAM	50	24	19.64	19.28	19.50	19.64	19.46		
20	16QAM	50	50	19.62	19.23	19.52	19.54	19.36		
20	16QAM	100	0	19.55	19.18	19.39	19.65	19.44		
20	64QAM	1	0	19.61	19.34	19.56	19.44	19.14	20.5	0
20	64QAM	1	49	19.51	19.19	19.28	19.30	19.18		
20	64QAM	1	99	19.60	19.23	19.23	19.24	19.24		
20	64QAM	50	0	19.64	19.28	19.32	19.58	19.40	20.5	0
20	64QAM	50	24	19.65	19.27	19.46	19.60	19.39		
20	64QAM	50	50	19.62	19.22	19.45	19.48	19.32		
20	64QAM	100	0	19.56	19.20	19.42	19.69	19.46		
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	19.52	19.57	19.37	19.48	19.33	20.5	0
15	QPSK	1	37	19.51	19.35	19.44	19.44	19.42		
15	QPSK	1	74	19.50	19.38	19.27	19.51	19.28		
15	QPSK	36	0	19.61	19.28	19.37	19.62	19.43	20.5	0
15	QPSK	36	20	19.64	19.37	19.46	19.64	19.41		
15	QPSK	36	39	19.63	19.41	19.50	19.54	19.38		
15	QPSK	75	0	19.58	19.35	19.44	19.63	19.41		
15	16QAM	1	0	19.70	19.25	19.34	19.68	19.37	20.5	0
15	16QAM	1	37	19.56	19.43	19.52	19.58	19.34		
15	16QAM	1	74	19.63	19.33	19.42	19.63	19.44		
15	16QAM	36	0	19.59	19.27	19.36	19.58	19.35	20.5	0
15	16QAM	36	20	19.60	19.33	19.42	19.56	19.35		
15	16QAM	36	39	19.57	19.39	19.48	19.47	19.35		
15	16QAM	75	0	19.62	19.33	19.42	19.62	19.41		
15	64QAM	1	0	19.48	19.26	19.07	19.44	19.20	20.5	0
15	64QAM	1	37	19.54	19.19	19.28	19.39	19.14		
15	64QAM	1	74	19.47	19.09	19.18	19.30	19.24		
15	64QAM	36	0	19.65	19.30	19.39	19.63	19.40	20.5	0
15	64QAM	36	20	19.67	19.39	19.48	19.62	19.37		
15	64QAM	36	39	19.60	19.42	19.51	19.54	19.38		
15	64QAM	75	0	19.61	19.34	19.43	19.63	19.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.49	19.35	19.57	19.47	19.41	20.5	0
10	QPSK	1	25	19.49	19.51	19.39	19.44	19.37		
10	QPSK	1	49	19.53	19.28	19.44	19.47	19.35		
10	QPSK	25	0	19.60	19.63	19.57	19.58	19.36	20.5	0
10	QPSK	25	12	19.64	19.66	19.47	19.64	19.39		
10	QPSK	25	25	19.66	19.57	19.47	19.50	19.35		
10	QPSK	50	0	19.54	19.56	19.34	19.44	19.35		
10	16QAM	1	0	19.66	19.50	19.27	19.65	19.43	20.5	0
10	16QAM	1	25	19.65	19.41	19.58	19.68	19.43		
10	16QAM	1	49	19.63	19.44	19.19	19.38	19.35		
10	16QAM	25	0	19.59	19.57	19.33	19.58	19.37	20.5	0
10	16QAM	25	12	19.67	19.70	19.47	19.65	19.39		
10	16QAM	25	25	19.60	19.58	19.46	19.51	19.33		
10	16QAM	50	0	19.57	19.62	19.38	19.64	19.43		
10	64QAM	1	0	19.57	19.49	19.42	19.50	19.22	20.5	0
10	64QAM	1	25	19.49	19.53	19.40	19.53	19.30		
10	64QAM	1	49	19.52	19.27	19.19	19.51	19.36		
10	64QAM	25	0	19.57	19.44	19.46	19.60	19.32	20.5	0
10	64QAM	25	12	19.63	19.42	19.50	19.66	19.68		
10	64QAM	25	25	19.60	19.44	19.45	19.47	19.47		
10	64QAM	50	0	19.52	19.56	19.32	19.61	19.26		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.57	19.23	19.31	19.47	19.24	20.5	0
5	QPSK	1	12	19.51	19.19	19.38	19.45	19.21		
5	QPSK	1	24	19.52	19.32	19.34	19.41	19.20		
5	QPSK	12	0	19.65	19.32	19.45	19.55	19.33	20.5	0
5	QPSK	12	7	19.67	19.35	19.54	19.62	19.37		
5	QPSK	12	13	19.66	19.27	19.52	19.61	19.37		
5	QPSK	25	0	19.61	19.31	19.46	19.59	19.32		
5	16QAM	1	0	19.69	19.29	19.45	19.64	19.37	20.5	0
5	16QAM	1	12	19.49	19.40	19.58	19.64	19.45		
5	16QAM	1	24	19.70	19.30	19.54	19.66	19.41		
5	16QAM	12	0	19.59	19.29	19.44	19.55	19.34	20.5	0
5	16QAM	12	7	19.67	19.31	19.52	19.62	19.33		
5	16QAM	12	13	19.62	19.22	19.52	19.58	19.33		
5	16QAM	25	0	19.65	19.31	19.50	19.63	19.39		
5	64QAM	1	0	19.46	19.12	19.26	19.40	19.15	20.5	0
5	64QAM	1	12	19.44	19.41	19.35	19.41	19.17		
5	64QAM	1	24	19.43	19.43	19.29	19.39	19.15		
5	64QAM	12	0	19.59	19.29	19.41	19.59	19.34	20.5	0
5	64QAM	12	7	19.62	19.31	19.52	19.62	19.33		
5	64QAM	12	13	19.61	19.28	19.49	19.55	19.33		
5	64QAM	25	0	19.59	19.27	19.44	19.56	19.32		

UAT Reduced Power Mode for Hotspot On

Band 2 (1900MHz Band)
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	12.98	13.19	12.93	14	0
20	QPSK	1	49	13.08	13.01	12.86		
20	QPSK	1	99	12.85	12.99	12.95		
20	QPSK	50	0	12.60	13.00	12.72	14	0
20	QPSK	50	24	12.72	12.78	12.90		
20	QPSK	50	50	12.59	12.76	12.99		
20	QPSK	100	0	12.71	12.88	12.87		
20	16QAM	1	0	12.69	12.64	12.66	14	0
20	16QAM	1	49	12.98	12.81	12.52		
20	16QAM	1	99	12.65	12.59	12.56		
20	16QAM	50	0	12.59	12.69	12.72	14	0
20	16QAM	50	24	12.74	12.77	12.92		
20	16QAM	50	50	12.64	12.82	13.01		
20	16QAM	100	0	12.63	12.78	12.89		
20	64QAM	1	0	12.96	13.02	12.68	14	0
20	64QAM	1	49	12.97	13.18	12.85		
20	64QAM	1	99	12.78	13.11	12.85		
20	64QAM	50	0	12.56	12.68	12.79	14	0
20	64QAM	50	24	12.79	12.65	12.80		
20	64QAM	50	50	12.76	12.78	12.84		
20	64QAM	100	0	12.68	12.62	12.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.11	13.12	12.89	14	0
15	QPSK	1	37	12.99	12.93	12.94		
15	QPSK	1	74	12.85	12.73	12.75		
15	QPSK	36	0	12.26	12.35	12.46	14	0
15	QPSK	36	20	12.39	12.49	12.65		
15	QPSK	36	39	12.37	12.43	12.64		
15	QPSK	75	0	12.33	12.38	12.51		
15	16QAM	1	0	12.49	12.69	12.86	14	0
15	16QAM	1	37	12.60	12.73	12.85		
15	16QAM	1	74	12.42	12.75	12.75		
15	16QAM	36	0	12.24	12.39	12.45	14	0
15	16QAM	36	20	12.40	12.52	12.66		
15	16QAM	36	39	12.39	12.47	12.68		
15	16QAM	75	0	12.37	12.41	12.56		
15	64QAM	1	0	12.48	12.56	12.81	14	0
15	64QAM	1	37	12.62	12.56	12.75		
15	64QAM	1	74	12.32	12.78	12.75		
15	64QAM	36	0	12.26	12.36	12.50	14	0
15	64QAM	36	20	12.41	12.52	12.63		
15	64QAM	36	39	12.36	12.50	12.66		
15	64QAM	75	0	12.35	12.39	12.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.95	12.85	12.74	14	0
10	QPSK	1	25	12.85	12.75	12.74		
10	QPSK	1	49	12.85	12.65	12.66		
10	QPSK	25	0	12.26	12.33	12.48	14	0
10	QPSK	25	12	12.36	12.41	12.58		
10	QPSK	25	25	12.26	12.36	12.57		
10	QPSK	50	0	12.30	12.32	12.49		
10	16QAM	1	0	12.45	12.52	12.45	14	0
10	16QAM	1	25	12.68	12.78	12.85		
10	16QAM	1	49	12.85	12.45	12.48		
10	16QAM	25	0	12.28	12.30	12.46	14	0
10	16QAM	25	12	12.40	12.41	12.62		
10	16QAM	25	25	12.27	12.39	12.59		
10	16QAM	50	0	12.29	12.33	12.50		
10	64QAM	1	0	12.63	12.69	12.90	14	0
10	64QAM	1	25	12.71	12.74	13.00		
10	64QAM	1	49	12.75	12.85	13.10		
10	64QAM	25	0	12.30	12.35	12.52	14	0
10	64QAM	25	12	12.41	12.45	12.65		
10	64QAM	25	25	12.26	12.42	12.59		
10	64QAM	50	0	12.28	12.32	12.51		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.91	12.82	12.50	14	0
5	QPSK	1	12	12.82	12.62	12.60		
5	QPSK	1	24	12.88	12.92	12.91		
5	QPSK	12	0	12.34	12.42	12.65	14	0
5	QPSK	12	7	12.39	12.51	12.70		
5	QPSK	12	13	12.35	12.47	12.64		
5	QPSK	25	0	12.34	12.42	12.66		
5	16QAM	1	0	12.57	12.59	12.89	14	0
5	16QAM	1	12	12.63	12.74	12.96		
5	16QAM	1	24	12.46	12.67	12.79		
5	16QAM	12	0	12.40	12.47	12.70	14	0
5	16QAM	12	7	12.42	12.58	12.75		
5	16QAM	12	13	12.36	12.47	12.68		
5	16QAM	25	0	12.32	12.43	12.67		
5	64QAM	1	0	12.45	12.49	12.78	14	0
5	64QAM	1	12	12.58	12.69	12.83		
5	64QAM	1	24	12.42	12.57	12.71		
5	64QAM	12	0	12.33	12.43	12.63	14	0
5	64QAM	12	7	12.40	12.53	12.71		
5	64QAM	12	13	12.29	12.46	12.66		
5	64QAM	25	0	12.35	12.43	12.69		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.72	12.83	12.55	14	0
3	QPSK	1	8	12.92	12.45	12.65		
3	QPSK	1	14	12.83	12.72	12.56		
3	QPSK	8	0	12.35	12.41	12.66	14	0
3	QPSK	8	4	12.36	12.54	12.76		
3	QPSK	8	7	12.33	12.45	12.67		
3	QPSK	15	0	12.34	12.41	12.66		
3	16QAM	1	0	12.61	12.63	12.91	14	0
3	16QAM	1	8	12.69	12.85	12.94		
3	16QAM	1	14	12.55	12.74	12.86		
3	16QAM	8	0	12.45	12.52	12.73	14	0
3	16QAM	8	4	12.47	12.63	12.76		
3	16QAM	8	7	12.41	12.56	12.72		
3	16QAM	15	0	12.38	12.48	12.73		
3	64QAM	1	0	12.42	12.55	12.84	14	0
3	64QAM	1	8	12.59	12.74	12.90		
3	64QAM	1	14	12.50	12.66	12.81		
3	64QAM	8	0	12.39	12.49	12.72	14	0
3	64QAM	8	4	12.39	12.55	12.75		
3	64QAM	8	7	12.37	12.54	12.67		
3	64QAM	15	0	12.34	12.45	12.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.72	12.89	12.84	14	0
1.4	QPSK	1	3	12.59	12.83	12.60		
1.4	QPSK	1	5	12.82	12.83	12.49		
1.4	QPSK	3	0	12.27	12.41	12.55		
1.4	QPSK	3	1	12.29	12.46	12.64		
1.4	QPSK	3	3	12.21	12.40	12.52		
1.4	QPSK	6	0	12.30	12.44	12.59	14	0
1.4	16QAM	1	0	12.58	12.71	12.87	14	0
1.4	16QAM	1	3	12.65	12.78	12.92		
1.4	16QAM	1	5	12.52	12.75	12.83		
1.4	16QAM	3	0	12.35	12.48	12.62		
1.4	16QAM	3	1	12.42	12.55	12.67		
1.4	16QAM	3	3	12.31	12.47	12.58		
1.4	16QAM	6	0	12.37	12.51	12.73	14	0
1.4	64QAM	1	0	12.45	12.61	12.74	14	0
1.4	64QAM	1	3	12.52	12.67	12.76		
1.4	64QAM	1	5	12.40	12.59	12.72		
1.4	64QAM	3	0	12.37	12.49	12.65		
1.4	64QAM	3	1	12.40	12.56	12.72		
1.4	64QAM	3	3	12.33	12.51	12.65		
1.4	64QAM	6	0	12.34	12.45	12.65	14	0

Band 4 (AWS Band)
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	12.31	12.42	12.15	13.5	0
20	QPSK	1	49	11.99	12.21	12.28		
20	QPSK	1	99	11.93	11.92	12.23		
20	QPSK	50	0	12.19	12.27	12.17	13.5	0
20	QPSK	50	24	12.17	12.05	12.17		
20	QPSK	50	50	12.02	11.88	12.29		
20	QPSK	100	0	12.09	12.05	11.62		
20	16QAM	1	0	12.24	12.17	12.16	13.5	0
20	16QAM	1	49	12.36	12.28	12.17		
20	16QAM	1	99	12.10	12.10	12.00		
20	16QAM	50	0	12.12	12.07	12.09	13.5	0
20	16QAM	50	24	12.18	11.99	11.98		
20	16QAM	50	50	12.08	11.91	12.06		
20	16QAM	100	0	12.05	11.97	11.97		
20	64QAM	1	0	12.12	12.02	12.09	13.5	0
20	64QAM	1	49	12.35	12.18	12.00		
20	64QAM	1	99	11.97	12.30	12.18		
20	64QAM	50	0	12.13	12.00	12.15	13.5	0
20	64QAM	50	24	12.23	11.98	12.27		
20	64QAM	50	50	11.98	11.92	12.08		
20	64QAM	100	0	12.06	11.92	11.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.05	12.19	12.19	13.5	0
15	QPSK	1	37	11.96	12.05	12.11		
15	QPSK	1	74	12.05	11.91	12.18		
15	QPSK	36	0	12.02	11.94	12.13	13.5	0
15	QPSK	36	20	12.10	11.86	12.17		
15	QPSK	36	39	11.89	11.82	12.18		
15	QPSK	75	0	12.00	11.84	11.56		
15	16QAM	1	0	12.32	12.18	11.97	13.5	0
15	16QAM	1	37	12.25	12.18	12.12		
15	16QAM	1	74	11.99	11.83	12.08		
15	16QAM	36	0	12.09	11.93	12.00	13.5	0
15	16QAM	36	20	12.07	11.96	11.97		
15	16QAM	36	39	11.94	11.79	12.00		
15	16QAM	75	0	12.09	11.84	11.99		
15	64QAM	1	0	12.12	12.10	11.97	13.5	0
15	64QAM	1	37	12.09	12.05	12.08		
15	64QAM	1	74	11.98	11.73	12.00		
15	64QAM	36	0	12.02	11.96	11.97	13.5	0
15	64QAM	36	20	12.03	11.88	12.08		
15	64QAM	36	39	11.97	11.84	12.17		
15	64QAM	75	0	11.98	11.87	12.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.14	12.23	12.21	13.5	0
10	QPSK	1	25	11.89	11.86	11.87		
10	QPSK	1	49	12.12	12.16	12.17		
10	QPSK	25	0	11.98	11.87	12.09	13.5	0
10	QPSK	25	12	12.04	11.86	12.09		
10	QPSK	25	25	12.02	11.84	11.99		
10	QPSK	50	0	11.97	11.85	11.91		
10	16QAM	1	0	12.15	12.07	12.08	13.5	0
10	16QAM	1	25	12.35	12.22	11.90		
10	16QAM	1	49	11.97	11.95	11.90		
10	16QAM	25	0	12.01	11.88	12.19	13.5	0
10	16QAM	25	12	12.13	11.90	12.18		
10	16QAM	25	25	11.93	11.93	12.28		
10	16QAM	50	0	12.00	11.81	11.86		
10	64QAM	1	0	12.23	12.05	11.93	13.5	0
10	64QAM	1	25	12.32	12.27	11.92		
10	64QAM	1	49	11.98	11.87	12.08		
10	64QAM	25	0	12.09	11.87	11.90	13.5	0
10	64QAM	25	12	12.09	11.97	11.90		
10	64QAM	25	25	11.95	11.87	11.87		
10	64QAM	50	0	12.05	11.83	11.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.99	12.07	12.05	13.5	0
5	QPSK	1	12	11.95	11.92	12.09		
5	QPSK	1	24	11.90	12.04	12.08		
5	QPSK	12	0	12.11	11.92	11.96	13.5	0
5	QPSK	12	7	12.04	12.00	11.63		
5	QPSK	12	13	12.05	11.92	11.60		
5	QPSK	25	0	12.14	11.88	11.86		
5	16QAM	1	0	12.29	12.15	12.00	13.5	0
5	16QAM	1	12	12.28	12.21	11.90		
5	16QAM	1	24	12.32	12.17	12.08		
5	16QAM	12	0	12.04	11.98	12.00	13.5	0
5	16QAM	12	7	12.13	11.96	11.98		
5	16QAM	12	13	12.15	12.01	12.06		
5	16QAM	25	0	12.04	11.93	11.59		
5	64QAM	1	0	12.12	12.02	11.98	13.5	0
5	64QAM	1	12	12.29	12.16	12.17		
5	64QAM	1	24	12.09	12.05	12.09		
5	64QAM	12	0	12.03	11.91	12.09	13.5	0
5	64QAM	12	7	12.20	11.95	12.06		
5	64QAM	12	13	12.05	12.02	12.18		
5	64QAM	25	0	12.05	11.91	12.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.88	11.75	12.15	13.5	0
3	QPSK	1	8	11.99	11.88	12.11		
3	QPSK	1	14	11.92	11.85	12.13		
3	QPSK	8	0	11.98	11.82	12.11	13.5	0
3	QPSK	8	4	12.04	11.89	12.09		
3	QPSK	8	7	12.05	11.95	12.08		
3	QPSK	15	0	12.06	11.84	12.29		
3	16QAM	1	0	12.26	12.09	12.03	13.5	0
3	16QAM	1	8	12.39	12.30	12.10		
3	16QAM	1	14	12.29	12.20	11.99		
3	16QAM	8	0	12.09	11.88	12.19	13.5	0
3	16QAM	8	4	12.14	11.94	12.02		
3	16QAM	8	7	12.07	12.02	12.06		
3	16QAM	15	0	12.05	11.88	12.19		
3	64QAM	1	0	12.12	12.01	12.15	13.5	0
3	64QAM	1	8	12.23	12.10	12.08		
3	64QAM	1	14	12.18	12.07	12.10		
3	64QAM	8	0	12.03	11.91	12.02	13.5	0
3	64QAM	8	4	12.08	11.91	12.03		
3	64QAM	8	7	12.03	11.97	12.02		
3	64QAM	15	0	12.01	11.87	12.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.94	11.71	12.12	13.5	0
1.4	QPSK	1	3	11.99	11.90	12.08		
1.4	QPSK	1	5	11.91	11.84	12.09		
1.4	QPSK	3	0	11.94	11.74	12.02		
1.4	QPSK	3	1	11.99	11.88	12.06		
1.4	QPSK	3	3	11.94	11.85	12.08		
1.4	QPSK	6	0	12.03	11.81	12.13	13.5	0
1.4	16QAM	1	0	12.29	12.04	12.11	13.5	0
1.4	16QAM	1	3	12.31	12.21	12.10		
1.4	16QAM	1	5	12.24	12.15	12.08		
1.4	16QAM	3	0	12.03	11.89	12.09		
1.4	16QAM	3	1	12.08	11.97	12.15		
1.4	16QAM	3	3	12.04	11.93	12.19		
1.4	16QAM	6	0	12.09	11.97	12.20	13.5	0
1.4	64QAM	1	0	12.10	11.90	12.15	13.5	0
1.4	64QAM	1	3	12.17	12.06	12.08		
1.4	64QAM	1	5	12.12	12.05	12.09		
1.4	64QAM	3	0	12.06	11.88	12.08		
1.4	64QAM	3	1	12.12	11.99	12.16		
1.4	64QAM	3	3	12.08	11.97	12.19		
1.4	64QAM	6	0	12.03	11.87	12.15	13.5	0

Band 5 (Celluar Band)
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	19.75	19.93	19.85	20.5	0
10	QPSK	1	25	19.61	19.53	19.53		
10	QPSK	1	49	19.58	19.44	19.62		
10	QPSK	25	0	19.66	19.70	19.50	20.5	0
10	QPSK	25	12	19.65	19.56	19.57		
10	QPSK	25	25	19.65	19.60	19.49		
10	QPSK	50	0	19.64	19.65	19.51		
10	16QAM	1	0	19.72	19.82	19.83	20.5	0
10	16QAM	1	25	19.92	19.89	19.78		
10	16QAM	1	49	19.88	19.87	19.69		
10	16QAM	25	0	19.67	19.57	19.49	20.5	0
10	16QAM	25	12	19.71	19.56	19.59		
10	16QAM	25	25	19.64	19.59	19.51		
10	16QAM	50	0	19.61	19.46	19.46		
10	64QAM	1	0	19.53	19.83	19.85	20.5	0
10	64QAM	1	25	19.90	19.89	19.82		
10	64QAM	1	49	19.86	19.84	19.75		
10	64QAM	25	0	19.41	19.38	19.28	20.5	0
10	64QAM	25	12	19.52	19.39	19.36		
10	64QAM	25	25	19.47	19.39	19.30		
10	64QAM	50	0	19.40	19.27	19.27		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.59	19.44	19.34	20.5	0
5	QPSK	1	12	19.64	19.57	19.40		
5	QPSK	1	24	19.58	19.49	19.28		
5	QPSK	12	0	19.70	19.56	19.43	20.5	0
5	QPSK	12	7	19.76	19.69	19.46		
5	QPSK	12	13	19.69	19.62	19.45		
5	QPSK	25	0	19.70	19.54	19.41		
5	16QAM	1	0	19.91	19.74	19.60	20.5	0
5	16QAM	1	12	19.82	19.88	19.69		
5	16QAM	1	24	19.88	19.78	19.59		
5	16QAM	12	0	19.73	19.61	19.44	20.5	0
5	16QAM	12	7	19.75	19.67	19.45		
5	16QAM	12	13	19.70	19.63	19.44		
5	16QAM	25	0	19.73	19.54	19.43		
5	64QAM	1	0	19.88	19.69	19.57	20.5	0
5	64QAM	1	12	19.85	19.83	19.63		
5	64QAM	1	24	19.81	19.74	19.55		
5	64QAM	12	0	19.48	19.36	19.22	20.5	0
5	64QAM	12	7	19.53	19.44	19.24		
5	64QAM	12	13	19.50	19.38	19.25		
5	64QAM	25	0	19.51	19.37	19.20		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.63	19.48	19.41	20.5	0
3	QPSK	1	8	19.69	19.61	19.43		
3	QPSK	1	14	19.63	19.53	19.36		
3	QPSK	8	0	19.71	19.59	19.46	20.5	0
3	QPSK	8	4	19.77	19.68	19.49		
3	QPSK	8	7	19.74	19.63	19.46		
3	QPSK	15	0	19.74	19.60	19.47		
3	16QAM	1	0	19.83	19.80	19.62	20.5	0
3	16QAM	1	8	19.92	19.89	19.80		
3	16QAM	1	14	19.82	19.83	19.67		
3	16QAM	8	0	19.82	19.62	19.53	20.5	0
3	16QAM	8	4	19.82	19.69	19.54		
3	16QAM	8	7	19.78	19.68	19.50		
3	16QAM	15	0	19.75	19.64	19.48		
3	64QAM	1	0	19.89	19.70	19.61	20.5	0
3	64QAM	1	8	19.86	19.87	19.72		
3	64QAM	1	14	19.87	19.80	19.58		
3	64QAM	8	0	19.56	19.40	19.27	20.5	0
3	64QAM	8	4	19.55	19.49	19.30		
3	64QAM	8	7	19.52	19.43	19.27		
3	64QAM	15	0	19.54	19.43	19.26		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.61	19.46	19.30	20.5	0
1.4	QPSK	1	3	19.65	19.54	19.35		
1.4	QPSK	1	5	19.57	19.50	19.27		
1.4	QPSK	3	0	19.61	19.49	19.31		
1.4	QPSK	3	1	19.64	19.53	19.33		
1.4	QPSK	3	3	19.60	19.53	19.32		
1.4	QPSK	6	0	19.68	19.57	19.38	20.5	0
1.4	16QAM	1	0	19.92	19.77	19.60	20.5	0
1.4	16QAM	1	3	19.81	19.87	19.63		
1.4	16QAM	1	5	19.86	19.80	19.58		
1.4	16QAM	3	0	19.67	19.64	19.43		
1.4	16QAM	3	1	19.70	19.66	19.46		
1.4	16QAM	3	3	19.62	19.59	19.38		
1.4	16QAM	6	0	19.72	19.64	19.43	20.5	0
1.4	64QAM	1	0	19.87	19.74	19.49	20.5	0
1.4	64QAM	1	3	19.92	19.79	19.59		
1.4	64QAM	1	5	19.87	19.72	19.54		
1.4	64QAM	3	0	19.68	19.61	19.43		
1.4	64QAM	3	1	19.73	19.67	19.46		
1.4	64QAM	3	3	19.70	19.62	19.42		
1.4	64QAM	6	0	19.47	19.35	19.16	20.5	0

Band 25 (1900MHz Band) Only for ENDC
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	12.97	13.33	13.04	14	0
20	QPSK	1	49	12.93	12.95	13.05		
20	QPSK	1	99	12.92	12.99	13.02		
20	QPSK	50	0	13.00	13.34	13.12	14	0
20	QPSK	50	24	13.03	13.16	13.15		
20	QPSK	50	50	13.08	13.11	13.24		
20	QPSK	100	0	12.91	13.27	12.98		
20	16QAM	1	0	13.34	13.29	13.30	14	0
20	16QAM	1	49	13.32	13.28	13.33		
20	16QAM	1	99	13.09	13.38	13.29		
20	16QAM	50	0	13.05	13.07	13.17	14	0
20	16QAM	50	24	13.02	13.22	13.13		
20	16QAM	50	50	13.00	13.21	13.17		
20	16QAM	100	0	12.99	13.10	12.99		
20	64QAM	1	0	12.98	13.00	13.27	14	0
20	64QAM	1	49	12.90	13.20	12.98		
20	64QAM	1	99	13.05	13.25	13.09		
20	64QAM	50	0	13.00	13.16	13.11	14	0
20	64QAM	50	24	12.92	12.99	13.04		
20	64QAM	50	50	12.93	13.14	13.19		
20	64QAM	100	0	12.94	13.14	12.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	12.90	13.04	13.03	14	0
15	QPSK	1	37	12.94	12.97	13.10		
15	QPSK	1	74	12.76	12.99	13.10		
15	QPSK	36	0	12.94	13.11	13.08	14	0
15	QPSK	36	20	13.08	13.18	13.25		
15	QPSK	36	39	13.01	13.20	13.17		
15	QPSK	75	0	12.97	13.15	13.10		
15	16QAM	1	0	13.08	13.33	13.37	14	0
15	16QAM	1	37	13.37	13.37	13.40		
15	16QAM	1	74	12.99	13.33	13.48		
15	16QAM	36	0	13.03	13.02	13.04	14	0
15	16QAM	36	20	13.04	13.11	13.33		
15	16QAM	36	39	12.93	13.17	13.21		
15	16QAM	75	0	13.05	13.15	13.12		
15	64QAM	1	0	12.97	13.15	13.08	14	0
15	64QAM	1	37	12.85	13.07	13.29		
15	64QAM	1	74	12.84	13.03	13.18		
15	64QAM	36	0	12.86	13.17	13.06	14	0
15	64QAM	36	20	13.04	13.23	13.23		
15	64QAM	36	39	13.02	13.19	13.14		
15	64QAM	75	0	12.85	13.02	13.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	12.71	12.81	13.10	14	0
10	QPSK	1	25	12.95	13.02	13.21		
10	QPSK	1	49	12.87	12.72	12.87		
10	QPSK	25	0	13.00	13.02	13.08	14	0
10	QPSK	25	12	13.07	13.13	13.08		
10	QPSK	25	25	13.00	13.08	13.07		
10	QPSK	50	0	12.98	13.08	13.11		
10	16QAM	1	0	13.34	13.25	13.37	14	0
10	16QAM	1	25	13.28	13.28	13.42		
10	16QAM	1	49	12.95	13.07	13.41		
10	16QAM	25	0	12.93	12.94	13.06	14	0
10	16QAM	25	12	13.08	13.20	13.16		
10	16QAM	25	25	12.91	12.96	13.20		
10	16QAM	50	0	13.00	13.02	13.13		
10	64QAM	1	0	12.99	13.01	13.29	14	0
10	64QAM	1	25	13.19	12.91	13.26		
10	64QAM	1	49	12.92	13.18	13.23		
10	64QAM	25	0	12.99	12.98	13.16	14	0
10	64QAM	25	12	12.82	13.22	13.08		
10	64QAM	25	25	13.05	13.07	13.13		
10	64QAM	50	0	12.90	13.04	13.12		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	12.93	12.95	13.12	14	0
5	QPSK	1	12	12.96	13.10	13.18		
5	QPSK	1	24	12.86	13.08	13.17		
5	QPSK	12	0	13.01	13.06	13.21	14	0
5	QPSK	12	7	13.12	13.19	13.24		
5	QPSK	12	13	13.09	13.17	13.10		
5	QPSK	25	0	13.03	13.17	13.14		
5	16QAM	1	0	13.26	13.43	13.42	14	0
5	16QAM	1	12	13.31	13.40	13.40		
5	16QAM	1	24	13.22	13.33	13.23		
5	16QAM	12	0	13.03	13.08	13.19	14	0
5	16QAM	12	7	13.07	13.21	13.28		
5	16QAM	12	13	13.11	13.20	13.25		
5	16QAM	25	0	13.05	13.19	13.22		
5	64QAM	1	0	13.17	13.18	13.15	14	0
5	64QAM	1	12	13.34	13.26	13.07		
5	64QAM	1	24	12.94	13.17	13.32		
5	64QAM	12	0	13.07	13.03	13.09	14	0
5	64QAM	12	7	12.99	12.95	13.20		
5	64QAM	12	13	12.88	12.96	13.14		
5	64QAM	25	0	13.06	12.97	13.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.00	13.04	13.02	14	0
3	QPSK	1	8	12.99	13.25	13.11		
3	QPSK	1	14	12.92	13.13	13.01		
3	QPSK	8	0	13.02	13.13	13.15	14	0
3	QPSK	8	4	13.09	13.16	13.22		
3	QPSK	8	7	13.02	13.14	13.22		
3	QPSK	15	0	13.03	13.19	13.18		
3	16QAM	1	0	13.41	13.34	13.42	14	0
3	16QAM	1	8	13.49	13.34	13.47		
3	16QAM	1	14	13.36	13.47	13.48		
3	16QAM	8	0	13.14	13.24	13.19	14	0
3	16QAM	8	4	13.16	13.24	13.23		
3	16QAM	8	7	13.11	13.22	13.17		
3	16QAM	15	0	13.05	13.24	13.15		
3	64QAM	1	0	13.11	13.23	13.21	14	0
3	64QAM	1	8	13.26	12.99	13.35		
3	64QAM	1	14	13.18	13.29	13.33		
3	64QAM	8	0	13.04	13.21	13.18	14	0
3	64QAM	8	4	13.00	13.22	13.16		
3	64QAM	8	7	12.96	13.17	13.16		
3	64QAM	15	0	12.95	13.22	13.21		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	12.91	12.85	13.03	14	0
1.4	QPSK	1	3	13.00	13.02	13.03		
1.4	QPSK	1	5	12.87	12.91	12.98		
1.4	QPSK	3	0	12.95	13.01	12.94		
1.4	QPSK	3	1	12.92	13.09	13.00		
1.4	QPSK	3	3	12.92	12.89	13.00		
1.4	QPSK	6	0	12.95	13.08	13.03	14	0
1.4	16QAM	1	0	13.20	13.37	13.38	14	0
1.4	16QAM	1	3	13.23	13.43	13.39		
1.4	16QAM	1	5	13.24	13.24	13.31		
1.4	16QAM	3	0	13.09	13.12	13.01		
1.4	16QAM	3	1	13.15	13.18	13.12		
1.4	16QAM	3	3	13.05	13.11	13.06		
1.4	16QAM	6	0	13.00	13.22	13.19	14	0
1.4	64QAM	1	0	12.94	13.01	13.10	14	0
1.4	64QAM	1	3	12.90	13.00	13.29		
1.4	64QAM	1	5	13.13	12.99	13.18		
1.4	64QAM	3	0	13.02	12.98	13.01		
1.4	64QAM	3	1	12.86	13.00	13.21		
1.4	64QAM	3	3	13.03	13.14	13.14		
1.4	64QAM	6	0	12.92	13.07	13.01	14	0

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.10		17	0
10	QPSK	1	25		15.89			
10	QPSK	1	49		15.88			
10	QPSK	25	0		15.82		17	0
10	QPSK	25	12		15.74			
10	QPSK	25	25		15.71			
10	QPSK	50	0		15.65			
10	16QAM	1	0		16.05		17	0
10	16QAM	1	25		16.02			
10	16QAM	1	49		16.03			
10	16QAM	25	0		15.67		17	0
10	16QAM	25	12		15.72			
10	16QAM	25	25		15.71			
10	16QAM	50	0		15.65			
10	64QAM	1	0		16.09		17	0
10	64QAM	1	25		15.85			
10	64QAM	1	49		15.95			
10	64QAM	25	0		15.67		17	0
10	64QAM	25	12		15.76			
10	64QAM	25	25		15.70			
10	64QAM	50	0		15.62			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.98	15.95	15.99	17	0
5	QPSK	1	12	15.71	15.73	15.72		
5	QPSK	1	24	15.66	15.67	15.67		
5	QPSK	12	0	15.77	15.74	15.75	17	0
5	QPSK	12	7	15.85	15.86	15.85		
5	QPSK	12	13	15.77	15.79	15.81		
5	QPSK	25	0	15.78	15.82	15.79		
5	16QAM	1	0	15.92	15.88	15.92	17	0
5	16QAM	1	12	16.01	15.99	16.02		
5	16QAM	1	24	15.95	15.95	16.00		
5	16QAM	12	0	15.79	15.74	15.75	17	0
5	16QAM	12	7	15.81	15.84	15.81		
5	16QAM	12	13	15.76	15.76	15.79		
5	16QAM	25	0	15.77	15.79	15.77		
5	64QAM	1	0	15.81	15.86	15.88	17	0
5	64QAM	1	12	15.89	16.00	15.92		
5	64QAM	1	24	15.86	15.86	15.85		
5	64QAM	12	0	15.78	15.72	15.72	17	0
5	64QAM	12	7	15.81	15.82	15.84		
5	64QAM	12	13	15.73	15.77	15.74		
5	64QAM	25	0	15.74	15.81	15.78		

Band 66

BW [MHz]	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	12.42	12.58	12.30	13.5	0
20	QPSK	1	49	12.18	12.33	12.42		
20	QPSK	1	99	12.11	12.09	12.36		
20	QPSK	50	0	12.30	12.43	12.32	13.5	0
20	QPSK	50	24	12.36	12.17	12.31		
20	QPSK	50	50	12.20	12.05	12.42		
20	QPSK	100	0	12.20	12.21	11.77		
20	16QAM	1	0	12.43	12.29	12.30	13.5	0
20	16QAM	1	49	12.54	12.45	12.30		
20	16QAM	1	99	12.21	12.26	12.15		
20	16QAM	50	0	12.31	12.19	12.23	13.5	0
20	16QAM	50	24	12.36	12.16	12.11		
20	16QAM	50	50	12.19	12.07	12.21		
20	16QAM	100	0	12.24	12.09	12.11		
20	64QAM	1	0	12.30	12.19	12.22	13.5	0
20	64QAM	1	49	12.46	12.34	12.15		
20	64QAM	1	99	12.16	12.42	12.32		
20	64QAM	50	0	12.31	12.17	12.28	13.5	0
20	64QAM	50	24	12.34	12.14	12.42		
20	64QAM	50	50	12.17	12.04	12.22		
20	64QAM	100	0	12.24	12.09	11.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.23	12.36	12.32	13.5	0
15	QPSK	1	37	12.07	12.21	12.26		
15	QPSK	1	74	12.24	12.03	12.32		
15	QPSK	36	0	12.20	12.11	12.26	13.5	0
15	QPSK	36	20	12.21	12.02	12.32		
15	QPSK	36	39	12.08	11.94	12.32		
15	QPSK	75	0	12.18	12.01	11.69		
15	16QAM	1	0	12.43	12.34	12.12	13.5	0
15	16QAM	1	37	12.44	12.30	12.26		
15	16QAM	1	74	12.17	12.00	12.21		
15	16QAM	36	0	12.20	12.09	12.15	13.5	0
15	16QAM	36	20	12.26	12.08	12.11		
15	16QAM	36	39	12.12	11.96	12.13		
15	16QAM	75	0	12.20	12.00	12.14		
15	64QAM	1	0	12.31	12.22	12.11	13.5	0
15	64QAM	1	37	12.27	12.22	12.21		
15	64QAM	1	74	12.09	11.89	12.15		
15	64QAM	36	0	12.21	12.08	12.11	13.5	0
15	64QAM	36	20	12.21	12.05	12.21		
15	64QAM	36	39	12.08	12.00	12.32		
15	64QAM	75	0	12.17	11.99	12.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.33	12.35	12.35	13.5	0
10	QPSK	1	25	12.07	12.03	12.00		
10	QPSK	1	49	12.23	12.32	12.32		
10	QPSK	25	0	12.17	11.99	12.23	13.5	0
10	QPSK	25	12	12.22	12.03	12.22		
10	QPSK	25	25	12.13	12.00	12.14		
10	QPSK	50	0	12.16	11.97	12.05		
10	16QAM	1	0	12.33	12.24	12.21	13.5	0
10	16QAM	1	25	12.46	12.38	12.05		
10	16QAM	1	49	12.16	12.07	12.04		
10	16QAM	25	0	12.19	12.05	12.32	13.5	0
10	16QAM	25	12	12.24	12.06	12.33		
10	16QAM	25	25	12.12	12.05	12.42		
10	16QAM	50	0	12.18	11.98	11.99		
10	64QAM	1	0	12.34	12.21	12.08	13.5	0
10	64QAM	1	25	12.51	12.39	12.06		
10	64QAM	1	49	12.16	12.04	12.21		
10	64QAM	25	0	12.20	12.03	12.05	13.5	0
10	64QAM	25	12	12.28	12.09	12.04		
10	64QAM	25	25	12.13	12.04	12.00		
10	64QAM	50	0	12.16	11.99	12.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.10	12.23	12.20	13.5	0
5	QPSK	1	12	12.14	12.04	12.23		
5	QPSK	1	24	12.08	12.21	12.21		
5	QPSK	12	0	12.22	12.08	12.11	13.5	0
5	QPSK	12	7	12.23	12.12	11.77		
5	QPSK	12	13	12.23	12.09	11.73		
5	QPSK	25	0	12.25	12.04	12.01		
5	16QAM	1	0	12.48	12.27	12.14	13.5	0
5	16QAM	1	12	12.46	12.38	12.03		
5	16QAM	1	24	12.43	12.33	12.23		
5	16QAM	12	0	12.23	12.10	12.14	13.5	0
5	16QAM	12	7	12.31	12.13	12.11		
5	16QAM	12	13	12.26	12.17	12.21		
5	16QAM	25	0	12.23	12.05	11.73		
5	64QAM	1	0	12.30	12.19	12.11	13.5	0
5	64QAM	1	12	12.40	12.32	12.32		
5	64QAM	1	24	12.28	12.17	12.23		
5	64QAM	12	0	12.21	12.08	12.22	13.5	0
5	64QAM	12	7	12.31	12.11	12.21		
5	64QAM	12	13	12.24	12.14	12.32		
5	64QAM	25	0	12.23	12.06	12.28		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.06	11.92	12.28	13.5	0
3	QPSK	1	8	12.17	12.05	12.24		
3	QPSK	1	14	12.10	12.02	12.26		
3	QPSK	8	0	12.16	11.99	12.24	13.5	0
3	QPSK	8	4	12.22	12.06	12.22		
3	QPSK	8	7	12.23	12.12	12.21		
3	QPSK	15	0	12.24	12.01	12.42		
3	16QAM	1	0	12.44	12.26	12.16	13.5	0
3	16QAM	1	8	12.57	12.47	12.23		
3	16QAM	1	14	12.47	12.37	12.12		
3	16QAM	8	0	12.27	12.05	12.32	13.5	0
3	16QAM	8	4	12.32	12.11	12.15		
3	16QAM	8	7	12.25	12.19	12.19		
3	16QAM	15	0	12.23	12.05	12.32		
3	64QAM	1	0	12.30	12.18	12.28	13.5	0
3	64QAM	1	8	12.41	12.27	12.21		
3	64QAM	1	14	12.36	12.24	12.23		
3	64QAM	8	0	12.21	12.08	12.15	13.5	0
3	64QAM	8	4	12.26	12.08	12.16		
3	64QAM	8	7	12.21	12.14	12.15		
3	64QAM	15	0	12.19	12.04	12.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.12	11.88	12.25	13.5	0
1.4	QPSK	1	3	12.17	12.07	12.21		
1.4	QPSK	1	5	12.09	12.01	12.22		
1.4	QPSK	3	0	12.12	11.91	12.15		
1.4	QPSK	3	1	12.17	12.05	12.19		
1.4	QPSK	3	3	12.12	12.02	12.21		
1.4	QPSK	6	0	12.21	11.98	12.26	13.5	0
1.4	16QAM	1	0	12.47	12.21	12.24	13.5	0
1.4	16QAM	1	3	12.49	12.38	12.23		
1.4	16QAM	1	5	12.42	12.32	12.21		
1.4	16QAM	3	0	12.21	12.06	12.22		
1.4	16QAM	3	1	12.26	12.14	12.28		
1.4	16QAM	3	3	12.22	12.10	12.32		
1.4	16QAM	6	0	12.27	12.14	12.33	13.5	0
1.4	64QAM	1	0	12.28	12.07	12.28	13.5	0
1.4	64QAM	1	3	12.35	12.23	12.21		
1.4	64QAM	1	5	12.30	12.22	12.22		
1.4	64QAM	3	0	12.24	12.05	12.21		
1.4	64QAM	3	1	12.30	12.16	12.29		
1.4	64QAM	3	3	12.26	12.14	12.32		
1.4	64QAM	6	0	12.21	12.04	12.28	13.5	0

Band 41 (2.6G Band) for Class3&2 Only for ENDC										
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	17.09	17.09	17.14	17.11	17.06	18	0
20	QPSK	1	49	17.06	16.84	16.70	16.97	17.08		
20	QPSK	1	99	16.97	16.76	16.65	16.98	17.01		
20	QPSK	50	0	16.83	16.96	17.10	16.90	16.81	18	0
20	QPSK	50	24	16.84	16.96	16.81	16.91	16.82		
20	QPSK	50	50	16.84	16.94	16.85	16.84	16.81		
20	QPSK	100	0	16.77	16.83	16.91	16.90	16.82		
20	16QAM	1	0	16.84	17.02	16.79	17.01	16.82	18	0
20	16QAM	1	49	16.80	16.93	16.73	16.87	16.66		
20	16QAM	1	99	16.93	16.84	16.74	16.91	16.74		
20	16QAM	50	0	16.87	16.97	16.60	16.96	16.77	18	0
20	16QAM	50	24	16.85	16.95	16.73	16.93	16.78		
20	16QAM	50	50	16.86	16.93	16.76	16.86	16.68		
20	16QAM	100	0	16.76	16.87	16.65	16.92	16.74		
20	64QAM	1	0	16.78	16.93	16.78	16.78	16.45	18	0
20	64QAM	1	49	16.77	16.92	16.73	16.62	16.45		
20	64QAM	1	99	16.77	16.85	16.43	16.54	16.58		
20	64QAM	50	0	16.90	16.97	16.56	16.90	16.71	18	0
20	64QAM	50	24	16.87	16.98	16.69	16.90	16.70		
20	64QAM	50	50	16.87	16.93	16.72	16.79	16.59		
20	64QAM	100	0	16.75	16.86	16.70	17.01	16.80		
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	16.98	16.68	16.92	16.77	16.61	18	0
15	QPSK	1	37	16.94	16.85	16.69	16.69	16.73		
15	QPSK	1	74	16.99	16.60	16.75	16.79	16.76		
15	QPSK	36	0	17.08	16.91	16.65	16.89	16.68	18	0
15	QPSK	36	20	17.10	16.96	16.73	16.87	16.68		
15	QPSK	36	39	17.06	16.86	16.75	16.82	16.65		
15	QPSK	75	0	17.04	16.90	16.66	16.89	16.68		
15	16QAM	1	0	17.02	16.88	16.62	16.94	16.67	18	0
15	16QAM	1	37	17.04	16.96	16.75	16.77	16.62		
15	16QAM	1	74	17.10	16.75	16.71	16.96	16.74		
15	16QAM	36	0	17.05	16.89	16.60	16.88	16.66	18	0
15	16QAM	36	20	17.07	16.91	16.70	16.85	16.65		
15	16QAM	36	39	17.07	16.84	16.74	16.80	16.66		
15	16QAM	75	0	17.05	16.93	16.70	16.92	16.72		
15	64QAM	1	0	16.80	16.91	16.73	16.75	16.68	18	0
15	64QAM	1	37	16.84	16.77	16.56	16.66	16.62		
15	64QAM	1	74	16.78	16.74	16.55	16.61	16.53		
15	64QAM	36	0	17.07	16.90	16.64	16.90	16.72	18	0
15	64QAM	36	20	17.07	16.97	16.73	16.89	16.69		
15	64QAM	36	39	17.07	16.88	16.79	16.83	16.68		
15	64QAM	75	0	17.06	16.91	16.68	16.93	16.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.94	16.85	16.52	16.74	16.51	18	0
10	QPSK	1	25	16.92	16.82	16.58	16.75	16.48		
10	QPSK	1	49	16.93	16.76	16.54	16.71	16.45		
10	QPSK	25	0	17.04	16.98	16.65	16.83	16.60	18	0
10	QPSK	25	12	17.08	17.00	16.78	16.85	16.60		
10	QPSK	25	25	17.03	16.94	16.70	16.85	16.60		
10	QPSK	50	0	17.00	16.92	16.65	16.81	16.57		
10	16QAM	1	0	17.10	16.98	16.69	16.91	16.63	18	0
10	16QAM	1	25	17.10	17.09	16.85	16.95	16.70		
10	16QAM	1	49	17.11	16.99	16.79	16.90	16.65		
10	16QAM	25	0	17.05	16.95	16.67	16.79	16.61	18	0
10	16QAM	25	12	17.05	16.98	16.74	16.85	16.60		
10	16QAM	25	25	17.04	16.90	16.70	16.81	16.59		
10	16QAM	50	0	17.07	17.01	16.72	16.85	16.59		
10	64QAM	1	0	16.85	16.75	16.67	16.61	16.59	18	0
10	64QAM	1	25	16.85	16.75	16.64	16.62	16.61		
10	64QAM	1	49	16.84	16.74	16.62	16.58	16.62		
10	64QAM	25	0	17.03	16.93	16.65	16.80	16.60	18	0
10	64QAM	25	12	17.04	16.95	16.74	16.85	16.60		
10	64QAM	25	25	17.02	16.93	16.71	16.82	16.58		
10	64QAM	50	0	17.02	16.91	16.68	16.80	16.59		
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	16.94	16.85	16.52	16.74	16.51	18	0
5	QPSK	1	12	16.92	16.82	16.58	16.75	16.48		
5	QPSK	1	24	16.93	16.76	16.54	16.71	16.45		
5	QPSK	12	0	17.04	16.98	16.65	16.83	16.60	18	0
5	QPSK	12	7	17.08	17.00	16.78	16.85	16.60		
5	QPSK	12	13	17.03	16.94	16.70	16.85	16.60		
5	QPSK	25	0	17.00	16.92	16.65	16.81	16.57		
5	16QAM	1	0	17.10	16.98	16.69	16.91	16.63	18	0
5	16QAM	1	12	17.10	17.09	16.85	16.95	16.70		
5	16QAM	1	24	17.11	16.99	16.79	16.90	16.65		
5	16QAM	12	0	17.05	16.95	16.67	16.79	16.61	18	0
5	16QAM	12	7	17.05	16.98	16.74	16.85	16.60		
5	16QAM	12	13	17.04	16.90	16.70	16.81	16.59		
5	16QAM	25	0	17.07	17.01	16.72	16.85	16.59		
5	64QAM	1	0	16.85	16.75	16.67	16.61	16.59	18	0
5	64QAM	1	12	16.85	16.75	16.64	16.62	16.61		
5	64QAM	1	24	16.84	16.74	16.62	16.58	16.62		
5	64QAM	12	0	17.03	16.93	16.65	16.80	16.60	18	0
5	64QAM	12	7	17.04	16.95	16.74	16.85	16.60		
5	64QAM	12	13	17.02	16.93	16.71	16.82	16.58		
5	64QAM	25	0	17.02	16.91	16.68	16.80	16.59		

UAT Reduced Power Mode for Handheld On

Band 2 (1900MHz Band) 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	17.63	17.81	17.62	19	0
20	QPSK	1	49	17.37	17.66	17.59		
20	QPSK	1	99	17.45	17.65	17.75		
20	QPSK	50	0	17.41	17.56	17.22	19	0
20	QPSK	50	24	17.55	17.39	17.35		
20	QPSK	50	50	17.42	17.40	17.42		
20	QPSK	100	0	17.49	17.50	17.31		
20	16QAM	1	0	17.56	17.80	17.72	19	0
20	16QAM	1	49	17.75	17.70	17.58		
20	16QAM	1	99	17.55	17.69	17.64		
20	16QAM	50	0	17.44	17.35	17.29	19	0
20	16QAM	50	24	17.56	17.42	17.38		
20	16QAM	50	50	17.47	17.42	17.42		
20	16QAM	100	0	17.48	17.31	17.30		
20	64QAM	1	0	17.70	17.67	17.69	19	0
20	64QAM	1	49	17.35	17.34	17.41		
20	64QAM	1	99	17.44	17.76	17.55		
20	64QAM	50	0	17.43	17.34	17.24	19	0
20	64QAM	50	24	17.55	17.40	17.35		
20	64QAM	50	50	17.45	17.39	17.39		
20	64QAM	100	0	17.49	17.34	17.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.31	17.39	17.30	19	0
15	QPSK	1	37	17.36	17.31	17.27		
15	QPSK	1	74	17.24	17.29	17.32		
15	QPSK	36	0	17.41	17.35	17.26	19	0
15	QPSK	36	20	17.52	17.40	17.45		
15	QPSK	36	39	17.45	17.42	17.44		
15	QPSK	75	0	17.46	17.35	17.31		
15	16QAM	1	0	17.67	17.72	17.68	19	0
15	16QAM	1	37	17.62	17.68	17.59		
15	16QAM	1	74	17.52	17.72	17.68		
15	16QAM	36	0	17.43	17.36	17.25	19	0
15	16QAM	36	20	17.54	17.39	17.42		
15	16QAM	36	39	17.50	17.42	17.44		
15	16QAM	75	0	17.52	17.32	17.33		
15	64QAM	1	0	17.52	17.62	17.75	19	0
15	64QAM	1	37	17.45	17.58	17.55		
15	64QAM	1	74	17.60	17.78	17.72		
15	64QAM	36	0	17.47	17.36	17.27	19	0
15	64QAM	36	20	17.55	17.40	17.41		
15	64QAM	36	39	17.47	17.43	17.44		
15	64QAM	75	0	17.49	17.37	17.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.15	17.05	17.35	19	0
10	QPSK	1	25	17.52	17.41	17.36		
10	QPSK	1	49	17.20	17.09	17.34		
10	QPSK	25	0	17.50	17.32	17.31	19	0
10	QPSK	25	12	17.56	17.40	17.41		
10	QPSK	25	25	17.42	17.35	17.35		
10	QPSK	50	0	17.48	17.32	17.32		
10	16QAM	1	0	17.58	17.40	17.73	19	0
10	16QAM	1	25	17.49	17.76	17.78		
10	16QAM	1	49	17.49	17.41	17.71		
10	16QAM	25	0	17.50	17.35	17.27	19	0
10	16QAM	25	12	17.55	17.44	17.38		
10	16QAM	25	25	17.41	17.37	17.36		
10	16QAM	50	0	17.46	17.35	17.29		
10	64QAM	1	0	17.53	17.44	17.80	19	0
10	64QAM	1	25	17.65	17.42	17.62		
10	64QAM	1	49	17.63	17.61	17.77		
10	64QAM	25	0	17.51	17.35	17.29	19	0
10	64QAM	25	12	17.61	17.43	17.40		
10	64QAM	25	25	17.39	17.35	17.39		
10	64QAM	50	0	17.46	17.29	17.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.48	17.28	17.34	19	0
5	QPSK	1	12	17.51	17.45	17.40		
5	QPSK	1	24	17.38	17.28	17.34		
5	QPSK	12	0	17.62	17.44	17.54	19	0
5	QPSK	12	7	17.64	17.51	17.55		
5	QPSK	12	13	17.53	17.42	17.42		
5	QPSK	25	0	17.56	17.40	17.48		
5	16QAM	1	0	17.79	17.59	17.73	19	0
5	16QAM	1	12	17.62	17.67	17.65		
5	16QAM	1	24	17.69	17.59	17.61		
5	16QAM	12	0	17.68	17.51	17.57	19	0
5	16QAM	12	7	17.66	17.54	17.57		
5	16QAM	12	13	17.56	17.42	17.45		
5	16QAM	25	0	17.57	17.41	17.46		
5	64QAM	1	0	17.75	17.55	17.64	19	0
5	64QAM	1	12	17.70	17.68	17.68		
5	64QAM	1	24	17.60	17.50	17.50		
5	64QAM	12	0	17.61	17.45	17.47	19	0
5	64QAM	12	7	17.62	17.54	17.49		
5	64QAM	12	13	17.49	17.44	17.45		
5	64QAM	25	0	17.59	17.45	17.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.54	17.41	17.41	19	0
3	QPSK	1	8	17.55	17.44	17.41		
3	QPSK	1	14	17.45	17.32	17.34		
3	QPSK	8	0	17.63	17.46	17.50	19	0
3	QPSK	8	4	17.62	17.51	17.50		
3	QPSK	8	7	17.57	17.48	17.44		
3	QPSK	15	0	17.61	17.44	17.46		
3	16QAM	1	0	17.62	17.73	17.74	19	0
3	16QAM	1	8	17.46	17.74	17.75		
3	16QAM	1	14	17.73	17.65	17.66		
3	16QAM	8	0	17.68	17.50	17.55	19	0
3	16QAM	8	4	17.66	17.59	17.57		
3	16QAM	8	7	17.58	17.50	17.46		
3	16QAM	15	0	17.60	17.46	17.49		
3	64QAM	1	0	17.45	17.63	17.64	19	0
3	64QAM	1	8	17.77	17.69	17.70		
3	64QAM	1	14	17.66	17.54	17.56		
3	64QAM	8	0	17.64	17.49	17.52	19	0
3	64QAM	8	4	17.66	17.55	17.49		
3	64QAM	8	7	17.56	17.47	17.43		
3	64QAM	15	0	17.57	17.42	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.52	17.33	17.29	19	0
1.4	QPSK	1	3	17.46	17.40	17.32		
1.4	QPSK	1	5	17.40	17.28	17.25		
1.4	QPSK	3	0	17.46	17.35	17.32		
1.4	QPSK	3	1	17.52	17.36	17.32		
1.4	QPSK	3	3	17.46	17.31	17.28		
1.4	QPSK	6	0	17.52	17.44	17.34	19	0
1.4	16QAM	1	0	17.78	17.70	17.60	19	0
1.4	16QAM	1	3	17.56	17.68	17.65		
1.4	16QAM	1	5	17.71	17.61	17.56		
1.4	16QAM	3	0	17.54	17.46	17.40		
1.4	16QAM	3	1	17.62	17.46	17.43		
1.4	16QAM	3	3	17.50	17.39	17.37		
1.4	16QAM	6	0	17.61	17.49	17.41	19	0
1.4	64QAM	1	0	17.69	17.60	17.57	19	0
1.4	64QAM	1	3	17.73	17.58	17.59		
1.4	64QAM	1	5	17.60	17.50	17.45		
1.4	64QAM	3	0	17.58	17.46	17.45		
1.4	64QAM	3	1	17.63	17.51	17.45		
1.4	64QAM	3	3	17.53	17.44	17.38		
1.4	64QAM	6	0	17.52	17.39	17.37	19	0

Band 4 (AWS Band) 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	16.82	16.81	16.81	18	0
20	QPSK	1	49	16.48	16.49	16.66		
20	QPSK	1	99	16.60	16.34	16.75		
20	QPSK	50	0	16.63	16.68	16.26	18	0
20	QPSK	50	24	16.66	16.58	16.26		
20	QPSK	50	50	16.54	16.41	16.22		
20	QPSK	100	0	16.64	16.60	16.17		
20	16QAM	1	0	16.70	16.61	16.59	18	0
20	16QAM	1	49	16.70	16.67	16.41		
20	16QAM	1	99	16.61	16.32	16.23		
20	16QAM	50	0	16.61	16.58	16.24	18	0
20	16QAM	50	24	16.73	16.52	16.53		
20	16QAM	50	50	16.61	16.45	16.38		
20	16QAM	100	0	16.62	16.50	16.15		
20	64QAM	1	0	16.30	16.53	16.46	18	0
20	64QAM	1	49	16.55	16.38	16.09		
20	64QAM	1	99	16.52	16.19	16.34		
20	64QAM	50	0	16.62	16.52	16.26	18	0
20	64QAM	50	24	16.74	16.53	16.27		
20	64QAM	50	50	16.53	16.48	16.26		
20	64QAM	100	0	16.66	16.44	16.19		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.58	16.36	16.22	18	0
15	QPSK	1	37	16.52	16.43	16.16		
15	QPSK	1	74	16.27	16.24	16.37		
15	QPSK	36	0	16.58	16.53	16.31	18	0
15	QPSK	36	20	16.64	16.51	16.27		
15	QPSK	36	39	16.56	16.49	16.17		
15	QPSK	75	0	16.60	16.42	16.25		
15	16QAM	1	0	16.74	16.72	16.52	18	0
15	16QAM	1	37	16.52	16.78	16.37		
15	16QAM	1	74	16.55	16.43	16.35		
15	16QAM	36	0	16.66	16.55	16.24	18	0
15	16QAM	36	20	16.63	16.51	16.25		
15	16QAM	36	39	16.54	16.43	16.52		
15	16QAM	75	0	16.37	16.46	16.17		
15	64QAM	1	0	16.68	16.70	16.29	18	0
15	64QAM	1	37	16.76	16.59	16.32		
15	64QAM	1	74	16.45	16.37	16.39		
15	64QAM	36	0	16.62	16.58	16.26	18	0
15	64QAM	36	20	16.67	16.48	16.33		
15	64QAM	36	39	16.59	16.47	16.19		
15	64QAM	75	0	16.62	16.50	16.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.25	16.21	16.23	18	0
10	QPSK	1	25	16.51	16.54	16.09		
10	QPSK	1	49	16.10	16.15	16.37		
10	QPSK	25	0	16.55	16.50	16.46	18	0
10	QPSK	25	12	16.64	16.53	16.22		
10	QPSK	25	25	16.52	16.46	16.44		
10	QPSK	50	0	16.53	16.51	16.05		
10	16QAM	1	0	16.65	16.64	16.30	18	0
10	16QAM	1	25	16.68	16.71	16.51		
10	16QAM	1	49	16.60	16.58	16.37		
10	16QAM	25	0	16.59	16.54	16.44	18	0
10	16QAM	25	12	16.64	16.57	16.46		
10	16QAM	25	25	16.46	16.46	16.26		
10	16QAM	50	0	16.55	16.23	16.05		
10	64QAM	1	0	16.61	16.37	16.46	18	0
10	64QAM	1	25	16.52	16.73	16.25		
10	64QAM	1	49	16.49	16.45	16.34		
10	64QAM	25	0	16.60	16.45	16.40	18	0
10	64QAM	25	12	16.65	16.56	16.38		
10	64QAM	25	25	16.53	16.48	16.36		
10	64QAM	50	0	16.55	16.45	16.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.18	16.52	16.14	18	0
5	QPSK	1	12	16.56	16.55	16.11		
5	QPSK	1	24	16.49	16.41	16.37		
5	QPSK	12	0	16.72	16.62	16.24	18	0
5	QPSK	12	7	16.71	16.64	16.31		
5	QPSK	12	13	16.64	16.54	16.37		
5	QPSK	25	0	16.65	16.54	16.34		
5	16QAM	1	0	16.68	16.76	16.51	18	0
5	16QAM	1	12	16.75	16.76	16.40		
5	16QAM	1	24	16.61	16.78	16.28		
5	16QAM	12	0	16.76	16.66	16.44	18	0
5	16QAM	12	7	16.73	16.65	16.47		
5	16QAM	12	13	16.67	16.64	16.42		
5	16QAM	25	0	16.69	16.59	16.28		
5	64QAM	1	0	16.58	16.77	16.41	18	0
5	64QAM	1	12	16.39	16.76	16.37		
5	64QAM	1	24	16.74	16.70	16.33		
5	64QAM	12	0	16.75	16.65	16.37	18	0
5	64QAM	12	7	16.74	16.61	16.47		
5	64QAM	12	13	16.66	16.61	16.49		
5	64QAM	25	0	16.70	16.63	16.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.70	16.53	16.50	18	0
3	QPSK	1	8	16.58	16.59	16.66		
3	QPSK	1	14	16.53	16.47	16.56		
3	QPSK	8	0	16.65	16.58	16.26	18	0
3	QPSK	8	4	16.70	16.58	16.44		
3	QPSK	8	7	16.60	16.58	16.44		
3	QPSK	15	0	16.63	16.53	16.15		
3	16QAM	1	0	16.58	16.33	16.44	18	0
3	16QAM	1	8	16.68	16.54	16.50		
3	16QAM	1	14	16.68	16.76	16.43		
3	16QAM	8	0	16.75	16.67	16.35	18	0
3	16QAM	8	4	16.71	16.63	16.27		
3	16QAM	8	7	16.64	16.62	16.26		
3	16QAM	15	0	16.68	16.61	16.27		
3	64QAM	1	0	16.57	16.82	16.44	18	0
3	64QAM	1	8	16.60	16.83	16.43		
3	64QAM	1	14	16.68	16.73	16.39		
3	64QAM	8	0	16.71	16.65	16.25	18	0
3	64QAM	8	4	16.69	16.59	16.22		
3	64QAM	8	7	16.62	16.58	16.21		
3	64QAM	15	0	16.64	16.33	16.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.41	16.58	16.48	18	0
1.4	QPSK	1	3	16.48	16.66	16.34		
1.4	QPSK	1	5	16.35	16.56	16.26		
1.4	QPSK	3	0	16.46	16.61	16.49		
1.4	QPSK	3	1	16.48	16.71	16.54		
1.4	QPSK	3	3	16.42	16.62	16.39		
1.4	QPSK	6	0	16.49	16.65	16.43	18	0
1.4	16QAM	1	0	16.75	16.57	16.75	18	0
1.4	16QAM	1	3	16.51	16.53	16.69		
1.4	16QAM	1	5	16.71	16.60	16.77		
1.4	16QAM	3	0	16.54	16.75	16.70		
1.4	16QAM	3	1	16.60	16.82	16.60		
1.4	16QAM	3	3	16.51	16.69	16.47		
1.4	16QAM	6	0	16.61	16.76	16.44	18	0
1.4	64QAM	1	0	16.71	16.43	16.76	18	0
1.4	64QAM	1	3	16.72	16.40	16.69		
1.4	64QAM	1	5	16.67	16.56	16.58		
1.4	64QAM	3	0	16.55	16.75	16.53		
1.4	64QAM	3	1	16.61	16.80	16.58		
1.4	64QAM	3	3	16.53	16.75	16.53		
1.4	64QAM	6	0	16.52	16.70	16.46	18	0

Band 25 (1900MHz Band) Only for ENDC 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	17.99	18.16	18.12	19	0
20	QPSK	1	49	17.87	17.95	18.12		
20	QPSK	1	99	17.92	17.94	17.96		
20	QPSK	50	0	17.98	18.15	17.98	19	0
20	QPSK	50	24	17.97	18.11	18.10		
20	QPSK	50	50	17.96	18.07	18.14		
20	QPSK	100	0	17.98	18.00	17.89		
20	16QAM	1	0	17.98	18.00	17.91	19	0
20	16QAM	1	49	17.98	18.02	17.98		
20	16QAM	1	99	17.90	18.08	18.01		
20	16QAM	50	0	17.59	17.79	17.79	19	0
20	16QAM	50	24	17.68	17.81	17.94		
20	16QAM	50	50	17.64	17.70	17.82		
20	16QAM	100	0	17.72	17.70	17.75		
20	64QAM	1	0	17.92	17.81	17.94	19	0
20	64QAM	1	49	17.85	18.03	17.79		
20	64QAM	1	99	17.76	18.09	17.94		
20	64QAM	50	0	17.64	17.66	17.72	19	0
20	64QAM	50	24	17.72	17.77	17.78		
20	64QAM	50	50	17.66	17.66	17.79		
20	64QAM	100	0	17.59	17.74	17.88		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.78	18.03	18.06	19	0
15	QPSK	1	37	17.85	18.06	18.05		
15	QPSK	1	74	17.74	17.97	18.05		
15	QPSK	36	0	17.83	18.02	17.98	19	0
15	QPSK	36	20	18.02	18.04	18.05		
15	QPSK	36	39	18.05	18.08	18.03		
15	QPSK	75	0	17.99	18.04	17.96		
15	16QAM	1	0	17.68	17.91	18.05	19	0
15	16QAM	1	37	17.96	18.05	18.01		
15	16QAM	1	74	17.91	18.04	18.01		
15	16QAM	36	0	17.64	17.73	17.75	19	0
15	16QAM	36	20	17.78	17.89	17.86		
15	16QAM	36	39	17.64	17.84	17.80		
15	16QAM	75	0	17.76	17.82	17.70		
15	64QAM	1	0	17.64	17.75	17.83	19	0
15	64QAM	1	37	17.95	17.68	17.82		
15	64QAM	1	74	17.83	18.10	18.08		
15	64QAM	36	0	17.45	17.68	17.78	19	0
15	64QAM	36	20	17.79	17.70	17.76		
15	64QAM	36	39	17.62	17.72	17.75		
15	64QAM	75	0	17.73	17.79	17.73		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.51	17.66	17.87	19	0
10	QPSK	1	25	17.82	17.84	18.12		
10	QPSK	1	49	17.52	17.77	17.84		
10	QPSK	25	0	17.85	17.97	18.02	19	0
10	QPSK	25	12	18.03	18.06	18.10		
10	QPSK	25	25	17.93	18.11	18.15		
10	QPSK	50	0	17.98	18.10	18.07		
10	16QAM	1	0	17.70	17.67	18.01	19	0
10	16QAM	1	25	18.05	18.03	18.04		
10	16QAM	1	49	17.74	17.82	18.16		
10	16QAM	25	0	17.64	17.63	17.59	19	0
10	16QAM	25	12	17.71	17.79	17.78		
10	16QAM	25	25	17.57	17.79	17.78		
10	16QAM	50	0	17.58	17.72	17.64		
10	64QAM	1	0	17.60	17.67	18.03	19	0
10	64QAM	1	25	18.09	18.10	18.16		
10	64QAM	1	49	17.58	17.93	18.08		
10	64QAM	25	0	17.70	17.74	17.65	19	0
10	64QAM	25	12	17.75	17.86	17.75		
10	64QAM	25	25	17.69	17.81	17.93		
10	64QAM	50	0	17.70	17.75	17.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.95	17.91	17.99	19	0
5	QPSK	1	12	17.89	18.07	18.06		
5	QPSK	1	24	17.92	18.02	18.05		
5	QPSK	12	0	17.97	18.05	18.09	19	0
5	QPSK	12	7	17.99	18.14	18.09		
5	QPSK	12	13	17.95	18.12	18.16		
5	QPSK	25	0	17.92	18.02	18.10		
5	16QAM	1	0	17.87	17.84	18.05	19	0
5	16QAM	1	12	17.91	17.89	18.03		
5	16QAM	1	24	17.90	17.98	18.16		
5	16QAM	12	0	17.71	17.74	17.87	19	0
5	16QAM	12	7	17.69	17.77	17.80		
5	16QAM	12	13	17.74	17.81	17.91		
5	16QAM	25	0	17.71	17.82	17.81		
5	64QAM	1	0	17.80	17.87	17.76	19	0
5	64QAM	1	12	17.90	17.58	17.72		
5	64QAM	1	24	17.78	17.99	17.94		
5	64QAM	12	0	17.50	17.69	17.81	19	0
5	64QAM	12	7	17.70	17.61	17.70		
5	64QAM	12	13	17.71	17.83	17.90		
5	64QAM	25	0	17.69	17.77	17.73		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.97	17.91	18.04	19	0
3	QPSK	1	8	17.91	18.11	18.12		
3	QPSK	1	14	17.98	18.01	18.02		
3	QPSK	8	0	17.96	18.09	18.05	19	0
3	QPSK	8	4	18.01	18.09	18.08		
3	QPSK	8	7	17.95	18.05	18.10		
3	QPSK	15	0	18.02	18.06	18.14		
3	16QAM	1	0	17.85	17.96	17.98	19	0
3	16QAM	1	8	18.03	17.95	18.15		
3	16QAM	1	14	18.03	18.07	17.97		
3	16QAM	8	0	17.74	17.87	17.88	19	0
3	16QAM	8	4	17.78	17.92	17.94		
3	16QAM	8	7	17.71	17.89	17.86		
3	16QAM	15	0	17.72	17.83	17.85		
3	64QAM	1	0	17.90	17.74	17.75	19	0
3	64QAM	1	8	17.55	17.95	17.68		
3	64QAM	1	14	17.81	17.87	17.98		
3	64QAM	8	0	17.72	17.65	17.72	19	0
3	64QAM	8	4	17.68	17.66	17.85		
3	64QAM	8	7	17.61	17.67	17.86		
3	64QAM	15	0	17.62	17.87	17.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.81	17.80	17.95	19	0
1.4	QPSK	1	3	17.90	17.96	18.02		
1.4	QPSK	1	5	17.84	17.91	17.91		
1.4	QPSK	3	0	17.84	17.96	17.93		
1.4	QPSK	3	1	17.93	17.95	17.94		
1.4	QPSK	3	3	17.84	18.01	17.91		
1.4	QPSK	6	0	17.88	18.06	18.04	19	0
1.4	16QAM	1	0	18.14	18.10	18.15	19	0
1.4	16QAM	1	3	18.03	18.03	18.04		
1.4	16QAM	1	5	18.10	18.08	18.08		
1.4	16QAM	3	0	17.92	18.00	18.05		
1.4	16QAM	3	1	18.07	18.07	18.04		
1.4	16QAM	3	3	17.92	17.96	18.01		
1.4	16QAM	6	0	17.98	18.06	18.10	19	0
1.4	64QAM	1	0	18.10	18.04	18.11	19	0
1.4	64QAM	1	3	18.12	18.01	17.94		
1.4	64QAM	1	5	18.08	18.01	18.09		
1.4	64QAM	3	0	17.88	18.05	18.06		
1.4	64QAM	3	1	18.07	18.14	18.06		
1.4	64QAM	3	3	17.94	18.07	18.00		
1.4	64QAM	6	0	17.85	17.96	17.98	19	0

Band 30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.86		21.5	0
10	QPSK	1	25		20.63			
10	QPSK	1	49		20.69			
10	QPSK	25	0		20.62		21.5	0
10	QPSK	25	12		20.58			
10	QPSK	25	25		20.56			
10	QPSK	50	0		20.50			
10	16QAM	1	0		20.71		21.5	0
10	16QAM	1	25		20.75			
10	16QAM	1	49		20.71			
10	16QAM	25	0		20.01		21	0.5
10	16QAM	25	12		20.09			
10	16QAM	25	25		20.08			
10	16QAM	50	0		20.03			
10	64QAM	1	0		20.45		21	0.5
10	64QAM	1	25		20.44			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.77		20	1
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.92			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.42	20.44	20.43	21.5	0
5	QPSK	1	12	20.60	20.58	20.59		
5	QPSK	1	24	20.51	20.48	20.49		
5	QPSK	12	0	20.62	20.54	20.55	21.5	0
5	QPSK	12	7	20.59	20.69	20.70		
5	QPSK	12	13	20.60	20.65	20.64		
5	QPSK	25	0	20.65	20.63	20.65		
5	16QAM	1	0	20.77	20.80	20.76	21.5	0
5	16QAM	1	12	20.66	20.85	20.45		
5	16QAM	1	24	20.84	20.78	20.84		
5	16QAM	12	0	20.15	20.12	20.12	21	0.5
5	16QAM	12	7	20.20	20.19	20.21		
5	16QAM	12	13	20.16	20.12	20.12		
5	16QAM	25	0	20.12	20.15	20.14		
5	64QAM	1	0	20.69	20.69	20.71	21	0.5
5	64QAM	1	12	20.80	20.76	20.62		
5	64QAM	1	24	20.55	20.71	20.69		
5	64QAM	12	0	19.89	19.89	19.90	20	1
5	64QAM	12	7	19.99	19.95	20.00		
5	64QAM	12	13	19.93	19.90	19.91		
5	64QAM	25	0	19.89	19.97	19.95		

Band 66								
BW [MHz]	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	16.93	16.97	16.95	18	0
20	QPSK	1	49	16.65	16.61	16.85		
20	QPSK	1	99	16.75	16.52	16.88		
20	QPSK	50	0	16.74	16.84	16.40	18	0
20	QPSK	50	24	16.83	16.70	16.35		
20	QPSK	50	50	16.69	16.59	16.35		
20	QPSK	100	0	16.75	16.76	16.31		
20	16QAM	1	0	16.87	16.73	16.78	18	0
20	16QAM	1	49	16.85	16.85	16.54		
20	16QAM	1	99	16.72	16.48	16.37		
20	16QAM	50	0	16.78	16.70	16.43	18	0
20	16QAM	50	24	16.88	16.70	16.66		
20	16QAM	50	50	16.72	16.61	16.52		
20	16QAM	100	0	16.79	16.62	16.34		
20	64QAM	1	0	16.45	16.71	16.59	18	0
20	64QAM	1	49	16.66	16.54	16.23		
20	64QAM	1	99	16.69	16.31	16.53		
20	64QAM	50	0	16.77	16.70	16.39	18	0
20	64QAM	50	24	16.85	16.69	16.41		
20	64QAM	50	50	16.70	16.60	16.45		
20	64QAM	100	0	16.81	16.62	16.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.73	16.54	16.35	18	0
15	QPSK	1	37	16.63	16.59	16.30		
15	QPSK	1	74	16.44	16.36	16.56		
15	QPSK	36	0	16.73	16.71	16.44	18	0
15	QPSK	36	20	16.75	16.67	16.41		
15	QPSK	36	39	16.73	16.61	16.36		
15	QPSK	75	0	16.75	16.60	16.38		
15	16QAM	1	0	16.85	16.88	16.66	18	0
15	16QAM	1	37	16.69	16.90	16.56		
15	16QAM	1	74	16.70	16.61	16.48		
15	16QAM	36	0	16.77	16.71	16.38	18	0
15	16QAM	36	20	16.80	16.63	16.44		
15	16QAM	36	39	16.69	16.61	16.65		
15	16QAM	75	0	16.78	16.62	16.31		
15	64QAM	1	0	16.85	16.82	16.48	18	0
15	64QAM	1	37	16.91	16.77	16.45		
15	64QAM	1	74	16.56	16.53	16.53		
15	64QAM	36	0	16.79	16.70	16.45	18	0
15	64QAM	36	20	16.82	16.66	16.46		
15	64QAM	36	39	16.70	16.63	16.33		
15	64QAM	75	0	16.79	16.62	16.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.42	16.33	16.42	18	0
10	QPSK	1	25	16.68	16.66	16.28		
10	QPSK	1	49	16.27	16.27	16.56		
10	QPSK	25	0	16.72	16.62	16.65	18	0
10	QPSK	25	12	16.81	16.65	16.31		
10	QPSK	25	25	16.69	16.58	16.63		
10	QPSK	50	0	16.70	16.63	16.24		
10	16QAM	1	0	16.82	16.76	16.49	18	0
10	16QAM	1	25	16.85	16.83	16.70		
10	16QAM	1	49	16.77	16.70	16.56		
10	16QAM	25	0	16.76	16.66	16.63	18	0
10	16QAM	25	12	16.81	16.69	16.65		
10	16QAM	25	25	16.63	16.58	16.45		
10	16QAM	50	0	16.72	16.35	16.24		
10	64QAM	1	0	16.78	16.49	16.65	18	0
10	64QAM	1	25	16.69	16.85	16.44		
10	64QAM	1	49	16.66	16.57	16.53		
10	64QAM	25	0	16.77	16.57	16.59	18	0
10	64QAM	25	12	16.82	16.68	16.57		
10	64QAM	25	25	16.70	16.60	16.55		
10	64QAM	50	0	16.72	16.57	16.57		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.35	16.64	16.33	18	0
5	QPSK	1	12	16.73	16.67	16.30		
5	QPSK	1	24	16.66	16.53	16.56		
5	QPSK	12	0	16.89	16.74	16.43	18	0
5	QPSK	12	7	16.88	16.76	16.39		
5	QPSK	12	13	16.81	16.66	16.56		
5	QPSK	25	0	16.82	16.66	16.33		
5	16QAM	1	0	16.85	16.88	16.70	18	0
5	16QAM	1	12	16.92	16.88	16.59		
5	16QAM	1	24	16.78	16.90	16.47		
5	16QAM	12	0	16.93	16.78	16.63	18	0
5	16QAM	12	7	16.90	16.77	16.66		
5	16QAM	12	13	16.84	16.76	16.61		
5	16QAM	25	0	16.86	16.71	16.37		
5	64QAM	1	0	16.75	16.89	16.60	18	0
5	64QAM	1	12	16.56	16.88	16.56		
5	64QAM	1	24	16.91	16.82	16.42		
5	64QAM	12	0	16.92	16.77	16.56	18	0
5	64QAM	12	7	16.91	16.73	16.66		
5	64QAM	12	13	16.83	16.73	16.68		
5	64QAM	25	0	16.87	16.75	16.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.87	16.65	16.69	18	0
3	QPSK	1	8	16.75	16.71	16.85		
3	QPSK	1	14	16.70	16.59	16.75		
3	QPSK	8	0	16.82	16.70	16.45	18	0
3	QPSK	8	4	16.87	16.70	16.63		
3	QPSK	8	7	16.77	16.70	16.63		
3	QPSK	15	0	16.80	16.65	16.34		
3	16QAM	1	0	16.75	16.45	16.63	18	0
3	16QAM	1	8	16.85	16.66	16.69		
3	16QAM	1	14	16.85	16.88	16.62		
3	16QAM	8	0	16.92	16.79	16.54	18	0
3	16QAM	8	4	16.88	16.75	16.46		
3	16QAM	8	7	16.81	16.74	16.45		
3	16QAM	15	0	16.85	16.73	16.36		
3	64QAM	1	0	16.74	16.94	16.63	18	0
3	64QAM	1	8	16.77	16.95	16.62		
3	64QAM	1	14	16.85	16.85	16.58		
3	64QAM	8	0	16.88	16.77	16.44	18	0
3	64QAM	8	4	16.86	16.71	16.41		
3	64QAM	8	7	16.79	16.70	16.40		
3	64QAM	15	0	16.81	16.45	16.35		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.58	16.70	16.67	18	0
1.4	QPSK	1	3	16.65	16.78	16.53		
1.4	QPSK	1	5	16.52	16.68	16.45		
1.4	QPSK	3	0	16.63	16.73	16.68		
1.4	QPSK	3	1	16.65	16.83	16.73		
1.4	QPSK	3	3	16.59	16.74	16.58		
1.4	QPSK	6	0	16.66	16.77	16.62	18	0
1.4	16QAM	1	0	16.92	16.69	16.94	18	0
1.4	16QAM	1	3	16.68	16.65	16.88		
1.4	16QAM	1	5	16.88	16.72	16.96		
1.4	16QAM	3	0	16.71	16.87	16.89		
1.4	16QAM	3	1	16.77	16.94	16.79		
1.4	16QAM	3	3	16.68	16.81	16.66		
1.4	16QAM	6	0	16.78	16.88	16.63	18	0
1.4	64QAM	1	0	16.88	16.55	16.95	18	0
1.4	64QAM	1	3	16.89	16.52	16.88		
1.4	64QAM	1	5	16.84	16.68	16.77		
1.4	64QAM	3	0	16.72	16.87	16.72		
1.4	64QAM	3	1	16.78	16.92	16.77		
1.4	64QAM	3	3	16.70	16.87	16.72		
1.4	64QAM	6	0	16.69	16.82	16.65	18	0

Band 41 (2.6G Band) for Class3&2 Only for ENDC										
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	20.65	20.70	20.84	20.62	20.43	22	0
20	QPSK	1	49	20.66	20.61	20.69	20.53	20.34		
20	QPSK	1	99	20.68	20.63	20.60	20.61	20.38		
20	QPSK	50	0	20.56	20.54	20.67	20.51	20.28	22	0
20	QPSK	50	24	20.56	20.55	20.32	20.52	20.28		
20	QPSK	50	50	20.54	20.49	20.32	20.39	20.17		
20	QPSK	100	0	20.50	20.44	20.58	20.51	20.27		
20	16QAM	1	0	20.59	20.49	20.64	20.53	20.30	22	0
20	16QAM	1	49	20.53	20.56	20.34	20.37	20.23		
20	16QAM	1	99	20.54	20.54	20.15	20.44	20.27		
20	16QAM	50	0	19.74	19.74	19.41	19.73	19.57	21	1
20	16QAM	50	24	19.76	19.74	19.53	19.72	19.53		
20	16QAM	50	50	19.72	19.71	19.54	19.61	19.45		
20	16QAM	100	0	19.70	19.63	19.40	19.69	19.51		
20	64QAM	1	0	20.51	20.50	20.07	20.30	20.16	21	1
20	64QAM	1	49	20.53	20.42	20.31	20.14	20.14		
20	64QAM	1	99	20.56	20.17	20.11	20.08	20.20		
20	64QAM	50	0	19.74	19.68	19.34	19.65	19.47	20	2
20	64QAM	50	24	19.76	19.69	19.49	19.69	19.47		
20	64QAM	50	50	19.73	19.65	19.48	19.59	19.38		
20	64QAM	100	0	19.71	19.68	19.44	19.76	19.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.65	20.49	20.21	20.52	20.38	22	0
15	QPSK	1	37	20.67	20.64	20.48	20.46	20.28		
15	QPSK	1	74	20.67	20.44	20.34	20.59	20.34		
15	QPSK	36	0	20.57	20.51	20.21	20.49	20.23	22	0
15	QPSK	36	20	20.57	20.54	20.29	20.46	20.23		
15	QPSK	36	39	20.54	20.45	20.34	20.38	20.20		
15	QPSK	75	0	20.52	20.50	20.24	20.51	20.24		
15	16QAM	1	0	20.63	20.48	20.43	20.46	20.26	22	0
15	16QAM	1	37	20.54	20.54	20.33	20.29	20.15		
15	16QAM	1	74	20.59	20.30	20.27	20.47	20.25		
15	16QAM	36	0	19.72	19.69	19.40	19.66	19.44	21	1
15	16QAM	36	20	19.72	19.71	19.47	19.64	19.43		
15	16QAM	36	39	19.72	19.63	19.51	19.54	19.43		
15	16QAM	75	0	19.75	19.71	19.47	19.72	19.50		
15	64QAM	1	0	20.40	20.26	20.31	20.32	20.04	21	1
15	64QAM	1	37	20.30	20.47	20.30	20.19	19.97		
15	64QAM	1	74	20.23	20.24	20.11	20.17	20.17		
15	64QAM	36	0	19.76	19.70	19.42	19.69	19.48	20	2
15	64QAM	36	20	19.77	19.75	19.51	19.66	19.45		
15	64QAM	36	39	19.77	19.64	19.55	19.61	19.47		
15	64QAM	75	0	19.74	19.69	19.46	19.67	19.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.57	20.36	20.23	20.54	20.30	22	0
10	QPSK	1	25	20.39	20.66	20.45	20.52	20.35		
10	QPSK	1	49	20.62	20.35	20.24	20.55	20.27		
10	QPSK	25	0	20.53	20.52	20.61	20.46	20.26	22	0
10	QPSK	25	12	20.57	20.42	20.28	20.48	20.28		
10	QPSK	25	25	20.54	20.60	20.28	20.38	20.22		
10	QPSK	50	0	20.49	20.48	20.21	20.48	20.27		
10	16QAM	1	0	20.61	20.65	20.17	20.54	20.26	22	0
10	16QAM	1	25	20.58	20.59	20.37	20.45	20.28		
10	16QAM	1	49	20.56	20.41	20.32	20.45	20.20		
10	16QAM	25	0	19.49	19.71	19.44	19.48	19.52	21	1
10	16QAM	25	12	19.79	19.80	19.57	19.42	19.46		
10	16QAM	25	25	19.78	19.68	19.56	19.58	19.42		
10	16QAM	50	0	19.49	19.70	19.48	19.71	19.48		
10	64QAM	1	0	20.51	20.24	20.43	20.47	20.20	21	1
10	64QAM	1	25	20.25	20.56	20.23	20.38	20.28		
10	64QAM	1	49	20.42	20.27	20.09	20.41	20.26		
10	64QAM	25	0	19.73	19.69	19.33	19.68	19.41	20	2
10	64QAM	25	12	19.76	19.75	19.57	19.74	19.68		
10	64QAM	25	25	19.63	19.68	19.52	19.58	19.38		
10	64QAM	50	0	19.67	19.45	19.38	19.50	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.66	20.65	20.41	20.57	20.30	22	0
5	QPSK	1	12	20.60	20.65	20.46	20.55	20.31		
5	QPSK	1	24	20.59	20.59	20.43	20.51	20.27		
5	QPSK	12	0	20.54	20.59	20.32	20.47	20.25	22	0
5	QPSK	12	7	20.58	20.59	20.41	20.52	20.29		
5	QPSK	12	13	20.55	20.58	20.39	20.48	20.27		
5	QPSK	25	0	20.53	20.58	20.29	20.47	20.24		
5	16QAM	1	0	20.60	20.61	20.31	20.48	20.24	22	0
5	16QAM	1	12	20.65	20.66	20.42	20.54	20.32		
5	16QAM	1	24	20.61	20.67	20.41	20.51	20.30		
5	16QAM	12	0	19.74	19.77	19.55	19.64	19.43	21	1
5	16QAM	12	7	19.75	19.80	19.63	19.70	19.47		
5	16QAM	12	13	19.73	19.76	19.59	19.63	19.43		
5	16QAM	25	0	19.77	19.81	19.57	19.71	19.45		
5	64QAM	1	0	20.35	20.39	20.08	20.25	20.03	21	1
5	64QAM	1	12	20.39	20.39	20.19	20.26	20.03		
5	64QAM	1	24	20.38	20.36	20.12	20.27	20.01		
5	64QAM	12	0	19.71	19.74	19.53	19.66	19.40	20	2
5	64QAM	12	7	19.73	19.81	19.66	19.69	19.46		
5	64QAM	12	13	19.72	19.73	19.58	19.62	19.42		
5	64QAM	25	0	19.70	19.75	19.56	19.65	19.53		

Full Power	Ant 1									24
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	22.84	24
20575	20476	QPSK	1	0	0	0	1	0	22.91	24
20600	20501	QPSK	1	0	0	0	1	0	22.87	24

Sensor	Ant 1									20.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	19.87	20.5
20575	20476	QPSK	1	0	0	0	1	0	19.97	20.5
20600	20501	QPSK	1	0	0	0	1	0	19.88	20.5

Hotspot	Ant 1									20.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	19.87	20.5
20575	20476	QPSK	1	0	0	0	1	0	19.97	20.5
20600	20501	QPSK	1	0	0	0	1	0	19.88	20.5

Handheld	Ant 1									23
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	21.77	23
20575	20476	QPSK	1	0	0	0	1	0	22.01	23
20600	20501	QPSK	1	0	0	0	1	0	21.89	23

Full Power		Ant 2								23.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	22.4	23.5
20575	20476	QPSK	1	0	0	0	1	0	22.57	23.5
20600	20501	QPSK	1	0	0	0	1	0	22.37	23.5

Rec on		Ant 2								20
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	18.73	20
20575	20476	QPSK	1	0	0	0	1	0	18.81	20
20600	20501	QPSK	1	0	0	0	1	0	18.69	20

Sensor		Ant 2								21.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	19.99	21.5
20575	20476	QPSK	1	0	0	0	1	0	20.04	21.5
20600	20501	QPSK	1	0	0	0	1	0	19.97	21.5

Hotspot		Ant 2								20.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	19.99	24
20575	20476	QPSK	1	0	0	0	1	0	20.16	24
20600	20501	QPSK	1	0	0	0	1	0	19.97	24

Handheld		Ant 2								23.5
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	22.41	23.5
20575	20476	QPSK	1	0	0	0	1	0	22.57	23.5
20600	20501	QPSK	1	0	0	0	1	0	22.37	23.5

Full Power										24
CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	22.91	24.00
40185	40383	QPSK	1	0	0	0	1	0	22.85	24.00
40620	40818	QPSK	1	0	0	0	1	0	22.47	24.00
41055	41253	QPSK	1	0	0	0	1	0	22.82	24.00
41490	41292	QPSK	1	0	0	0	1	0	22.71	24.00

Rec on										17.5
CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	16.84	17.50
40185	40383	QPSK	1	0	0	0	1	0	16.88	17.50
40620	40818	QPSK	1	0	0	0	1	0	16.93	17.50
41055	41253	QPSK	1	0	0	0	1	0	16.91	17.50
41490	41292	QPSK	1	0	0	0	1	0	16.92	17.50

Sensor										19
CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	18.16	19.00
40185	40383	QPSK	1	0	0	0	1	0	18.14	19.00
40620	40818	QPSK	1	0	0	0	1	0	18.16	19.00
41055	41253	QPSK	1	0	0	0	1	0	18.01	19.00
41490	41292	QPSK	1	0	0	0	1	0	18.1	19.00

Hotspot										17.5
CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	16.84	17.50
40185	40383	QPSK	1	0	0	0	1	0	16.88	17.50
40620	40818	QPSK	1	0	0	0	1	0	16.93	17.50
41055	41253	QPSK	1	0	0	0	1	0	16.91	17.50
41490	41292	QPSK	1	0	0	0	1	0	16.92	17.50

Handheld										22.5
CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	21.59	22.50
40185	40383	QPSK	1	0	0	0	1	0	21.66	22.50
40620	40818	QPSK	1	0	0	0	1	0	21.38	22.50
41055	41253	QPSK	1	0	0	0	1	0	21.62	22.50
41490	41292	QPSK	1	0	0	0	1	0	21.71	22.50