

10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	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	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

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

10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power level/Default Power level for WWAN

GSM/GPRS And Default							
GSM/GPRS	Burst Average Power (dBm)			Turn-up	Emission Power (dBm)		Turn-up
TX Channel	854.2	854.4	854.8	Link	854.2	854.4	854.8
Frequency (MHz)				(dBm)			(dBm)
GPRS 1 Tx ch	32.00	32.10	32.17	33.00	23.20	23.10	23.17
GPRS 1 Tx ch	32.10	32.00	32.11	33.00	23.10	23.00	23.11
GPRS 2 Tx ch	29.84	29.30	29.14	30.00	23.44	23.30	23.14
GPRS 3 Tx ch	27.04	27.41	27.33	28.00	22.78	23.15	23.07
GPRS 4 Tx ch	25.82	25.26	25.79	27.00	22.82	22.88	22.79
EDGE 1 Tx ch	26.50	26.51	26.50	26.00	17.50	17.51	17.50
EDGE 2 Tx ch	23.23	23.11	23.15	24.00	17.23	17.11	17.15
EDGE 3 Tx ch	21.55	21.20	21.35	23.00	17.50	17.00	17.09
EDGE 4 Tx ch	20.10	19.82	19.89	21.00	17.10	16.82	16.89

WCDMA V And Default							
Band	WCDMA-V			Turn-up			Turn-up
TX Channel	4192	4192	4283	Link			Link
RA Channel	4397	4467	4469	(dBm)			(dBm)
Frequency (MHz)	854.4	854.4	854.8				
SCPP Rule 1	AMR 12.7kbit	23.93	23.93	23.93	25.00		
SCPP Rule 2	AMR 12.7kbit	23.89	23.93	23.82	25.00		
SCPP Rule 3	HSPA Subcat-1	22.87	22.89	22.76	24.00		
SCPP Rule 4	HSPA Subcat-2	22.71	22.76	22.83	24.00		
SCPP Rule 5	HSPA Subcat-3	22.43	22.39	22.21	23.00		
SCPP Rule 6	HSPA Subcat-4	22.29	22.49	22.42	23.00		
SCPP Rule 7	DC-HSPA Subcat-1	22.89	22.89	22.81	24.00		
SCPP Rule 8	DC-HSPA Subcat-2	22.92	22.91	22.82	24.00		
SCPP Rule 9	DC-HSPA Subcat-3	22.40	22.40	22.30	23.00		
SCPP Rule 10	DC-HSPA Subcat-4	22.39	22.47	22.26	23.00		
SCPP Rule 11	HSPA Subcat-1	22.96	22.85	22.80	24.00		
SCPP Rule 12	HSPA Subcat-2	20.95	21.02	20.92	21.00		
SCPP Rule 13	HSPA Subcat-3	21.92	21.81	21.84	23.00		
SCPP Rule 14	HSPA Subcat-4	20.97	20.83	20.78	22.00		
SCPP Rule 15	HSPA Subcat-5	22.91	22.97	22.84	24.00		



Band 38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [Freq]	Power Middle Ch [Freq]	Power High Ch [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.22	21.31	21.34			
20	QPSK	1	49	21.53	21.56	21.59	23	0	
20	QPSK	1	99	21.49	21.53	21.59			
20	QPSK	5	0	20.53	20.55	20.57			
20	QPSK	50	24	20.58	20.55	20.53	22	1	
20	QPSK	50	74	20.57	20.58	20.58			
20	QPSK	100	0	20.53	20.54	20.48			
20	16QAM	1	0	19.26	19.47	19.46			
20	16QAM	1	49	19.20	19.25	19.24	22	1	
20	16QAM	1	99	19.26	19.25	19.24			
20	16QAM	50	0	19.52	19.54	19.47			
20	16QAM	50	24	19.20	19.20	19.23	21	2	
20	16QAM	50	74	19.27	19.27	19.27			
20	16QAM	100	0	19.55	19.55	19.49			
20	16QAM	1	0	19.29	19.37	19.42			
20	16QAM	1	49	19.28	19.23	19.24	21	2	
20	16QAM	1	99	19.28	19.23	19.24			
20	16QAM	50	0	19.33	19.34	19.47			
20	16QAM	50	24	19.24	19.20	19.21			
20	16QAM	50	74	19.29	19.28	19.28	20	3	
20	16QAM	100	0	19.28	19.27	19.48			
20	256QAM	1	0	18.25	18.45	18.56			
20	256QAM	1	49	18.29	18.22	18.22	18	5	
20	256QAM	1	99	18.45	18.38	18.34			
20	256QAM	50	0	18.28	18.24	18.46			
20	256QAM	50	24	18.27	18.27	18.54			
20	256QAM	50	74	18.24	18.29	18.29	18	5	
20	256QAM	100	0	18.29	18.47	18.42			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.72	21.81	21.74			
15	QPSK	1	37	21.32	21.43	21.51	23	0	
15	QPSK	1	74	21.32	21.43	21.51			
15	QPSK	36	0	20.44	20.38	20.33			
15	QPSK	36	36	20.54	20.42	20.38	22	1	
15	QPSK	36	72	20.47	20.31	20.26			
15	16QAM	1	0	19.29	19.46	19.30			
15	16QAM	1	37	20.27	20.25	20.46	22	1	
15	16QAM	1	74	20.24	20.41	20.43			
15	16QAM	36	0	19.31	19.49	19.40			
15	16QAM	36	36	19.29	19.38	19.47	21	2	
15	16QAM	36	72	19.27	19.47	19.47			
15	16QAM	1	0	19.29	19.31	19.29			
15	16QAM	1	37	19.31	19.44	19.20	21	2	
15	16QAM	36	0	18.34	18.24	18.46			
15	16QAM	36	36	18.29	18.43	18.39			
15	16QAM	36	72	18.45	18.41	18.47	20	3	
15	16QAM	1	0	18.25	18.22	18.21			
15	256QAM	1	0	18.29	18.46	18.42			
15	256QAM	1	37	18.38	18.48	18.42	18	5	
15	256QAM	1	74	18.38	18.48	18.47			
15	256QAM	36	0	18.43	18.37	18.34			
15	256QAM	36	36	18.29	18.38	18.39	18	5	
15	256QAM	36	72	18.50	18.50	18.41			
15	256QAM	1	0	18.29	18.49	18.43			
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.29	21.37	21.24			
10	QPSK	1	25	21.36	21.31	21.24	23	0	
10	QPSK	1	49	21.33	21.31	21.21			
10	QPSK	25	0	20.53	20.56	20.37			
10	QPSK	25	12	20.54	20.49	20.49	22	1	
10	QPSK	25	25	20.39	20.49	20.27			
10	16QAM	1	0	20.33	20.48	20.42			
10	16QAM	1	49	20.38	20.37	20.31	22	1	
10	16QAM	25	0	19.40	19.56	19.46			
10	16QAM	25	12	19.29	19.40	19.36	21	2	
10	16QAM	25	25	19.44	19.28	19.26			
10	16QAM	50	0	19.43	19.48	19.43			
10	16QAM	1	0	19.27	19.37	19.26			
10	16QAM	1	25	19.26	19.21	19.42	21	2	
10	16QAM	1	49	19.45	19.41	19.33			
10	16QAM	25	0	18.29	18.52	18.42			
10	16QAM	25	12	18.56	18.42	18.32	20	3	
10	256QAM	1	0	18.43	18.48	18.30			
10	256QAM	1	25	18.46	18.45	18.48			
10	256QAM	1	49	18.37	18.33	18.31	18	5	
10	256QAM	25	0	18.52	18.51	18.26			
10	256QAM	25	12	18.37	18.34	18.27			
10	256QAM	50	0	18.39	18.48	18.28			
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.42	21.39	21.23			
5	QPSK	1	16	21.53	21.49	21.44	23	0	
5	QPSK	1	24	21.41	21.34	21.53			
5	QPSK	12	0	20.45	20.47	20.35			
5	QPSK	12	7	20.45	20.47	20.35	22	1	
5	QPSK	12	14	20.26	20.36	20.26			
5	QPSK	12	21	20.41	20.38	20.34			
5	16QAM	1	0	19.21	19.51	19.47			
5	16QAM	1	24	19.38	19.38	19.27	22	1	
5	16QAM	12	0	19.42	19.46	19.51			
5	16QAM	12	12	19.27	19.27	19.27	21	2	
5	16QAM	25	0	19.45	19.53	19.46			
5	16QAM	1	0	19.23	19.22	19.26			
5	16QAM	1	24	19.47	19.28	19.51	21	2	
5	16QAM	12	0	19.46	19.47	19.33			
5	16QAM	12	7	19.48	19.56	19.34	20	3	
5	16QAM	25	0	19.29	19.29	19.23			
5	16QAM	25	0	18.43	18.38	18.27			
5	256QAM	1	0	18.29	18.21	18.26			
5	256QAM	1	24	18.52	18.47	18.44			
5	256QAM	12	0	18.46	18.59	18.35			
5	256QAM	12	7	18.17	18.21	18.26	18	5	
5	256QAM	25	0	18.46	18.33	18.24			
5	256QAM	25	0	18.48	18.43	18.40			

Band 41 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [Freq]	Power Middle Ch [Freq]	Power High Ch [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.08	22.08	22.08			
20	QPSK	1	49	22.13	22.19	22.02	23	0	
20	QPSK	1	99	22.28	22.06	22.27			
20	QPSK	5	0	21.12	21.16	21.16			
20	QPSK	50	24	21.19	21.27	21.21	22	1	
20	QPSK	50	74	21.18	21.20	21.24			
20	QPSK	100	0	21.12	21.16	21.18			
20	16QAM	1	0	21.26	21.47	21.26			
20	16QAM	1	49	20.89	20.83	20.87	22	1	
20	16QAM	1	99	20.85	20.82	20.84			
20	16QAM	50	0	20.24	20.24	20.12			
20	16QAM	50	24	20.10	20.16	20.17	21	2	
20	16QAM	50	74	20.07	20.26	20.21			
20	16QAM	100	0	20.17	20.24	20.21			
20	16QAM	1	0	20.11	20.08	20.22			
20	16QAM	1	49	20.18	20.00	20.03	21	2	
20	16QAM	1	99	20.05	20.20	20.13			
20	16QAM	50	0	19.30	19.28	18.14			
20	16QAM	50	24	19.02	19.48	19.07	20	3	
20	16QAM	50	74	19.02	19.48	19.07			
20	16QAM	100	0	19.20	19.16	19.33			
20	16QAM	1	0	17.19	17.25	17.29			
20	16QAM	1	49	17.30	17.28	17.10	18	5	
20	16QAM	1	99	17.18	17.20	17.26			
20	16QAM	50	0	17.15	17.12	17.19			
20	16QAM	50	24	17.22	17.22	17.25			
20	16QAM	50	74	17.09	17.17	17.14	18	5	
20	16QAM	100	0	17.21	17.40	17.19			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.02	22.02	22.02			
15	QPSK	1	37	22.09	22.07	21.89	23	0	
15	QPSK	1	74	22.16	22.17	22.04			
15	QPSK	36	0	21.06	21.03	21.12			



GSMS0 Art Default

GSMS0	Band Average Power (dBm)			Take-up Limit	Filter-Average Power (dBm)			Take-up Limit
	128	189	251		128	189	251	
TX Channel	128	189	251	128	189	251	128	189
Frequency (MHz)	3420	3810	3480	3420	3810	3480	3420	3810
GSMS 1 Tx limit	32.38	32.62	32.67	34.00	23.36	23.52	23.57	25.00
GSMS 1 Tx limit	32.28	32.48	32.50	34.00	23.28	23.48	23.50	25.00
GSMS 2 Tx limit	29.42	29.44	29.62	31.00	23.42	23.44	23.62	25.00
GSMS 3 Tx limit	28.57	28.42	28.18	29.20	24.11	24.18	23.92	24.54
GSMS 4 Tx limit	28.12	28.78	28.78	30.00	23.72	23.78	23.78	25.00
EDGE 1 Tx limit	26.17	26.36	26.28	28.00	17.17	17.36	17.28	19.00
EDGE 2 Tx limit	24.30	23.95	24.31	24.48	17.33	17.65	17.61	18.56
EDGE 3 Tx limit	21.73	21.78	21.75	23.00	17.47	17.52	17.49	18.74
EDGE 4 Tx limit	20.48	20.55	20.51	21.50	17.48	17.55	17.51	18.99

WCDMA V Art Default

Band	WCDMA V			Take-up Limit (dBm)	
	4150	4150	4283		
TX Channel	4150	4150	4283	4150	
RX Channel	4357	4407	4458	4357	
Frequency (MHz)	825.4	835.4	845.6	825.4	
ISPP Rel 99	NR 12.26pca	24.53	24.58	24.51	24.70
ISPP Rel 99	NR 12.26pca	24.24	24.50	24.54	25.70
ISPP Rel 6	HS-PA Subcar-1	23.49	23.50	23.51	24.70
ISPP Rel 6	HS-PA Subcar-2	23.55	23.52	23.50	24.70
ISPP Rel 6	HS-PA Subcar-3	22.55	23.05	22.55	24.20
ISPP Rel 6	HS-PA Subcar-4	23.55	23.55	23.51	24.20
ISPP Rel 6	DC-HSPA Subcar-1	23.45	23.50	23.28	24.70
ISPP Rel 6	DC-HSPA Subcar-2	23.55	23.28	23.39	24.70
ISPP Rel 6	DC-HSPA Subcar-3	22.22	22.25	22.23	24.20
ISPP Rel 6	DC-HSPA Subcar-4	22.50	22.87	22.52	24.20
ISPP Rel 6	HS-PA Subcar-1	23.57	23.57	23.54	24.70
ISPP Rel 6	HS-PA Subcar-2	21.50	21.60	21.55	23.70
ISPP Rel 6	HS-PA Subcar-3	22.50	22.55	22.54	23.70
ISPP Rel 6	HS-PA Subcar-4	21.50	21.55	21.51	23.70
ISPP Rel 6	HS-PA Subcar-5	23.50	23.50	23.50	24.70



Band 5 Ant1 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch / Freq [dB]	Power Lvl Ch / Freq [dB]	Power Lvl Ch / Freq [dB]	Tune-up [dBm]	MPR [dB]		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.24	24.38	24.59				
10	QPSK	1	25	24.19	24.34	24.58	25.7	0		
10	QPSK	1	49	24.21	24.28	24.58				
10	QPSK	25	0	23.23	23.62	23.29				
10	QPSK	25	12	23.15	23.30	23.28	24.7	1		
10	QPSK	25	25	23.16	23.34	23.27				
10	QPSK	50	0	23.20	23.39	23.34				
10	16QAM	1	0	23.22	23.37	23.26				
10	16QAM	1	25	23.27	23.32	23.30	24.7	1		
10	16QAM	1	49	23.23	23.31	23.34				
10	16QAM	25	0	22.27	22.47	22.28				
10	16QAM	25	12	22.10	22.32	22.24	23.7	2		
10	16QAM	25	25	22.21	22.32	22.28				
10	16QAM	50	0	22.25	22.41	22.26				
10	64QAM	1	0	22.18	22.34	22.28				
10	64QAM	1	25	22.32	22.30	22.28	23.7	2		
10	64QAM	1	49	22.26	22.29	22.21				
10	64QAM	25	0	21.30	21.43	21.28				
10	64QAM	25	12	21.12	21.36	21.26	22.7	3		
10	64QAM	25	25	21.24	21.37	21.23				
10	64QAM	50	0	21.19	21.39	21.24				
10	256QAM	1	0	19.28	19.48	19.31				
10	256QAM	1	25	19.12	19.32	19.20	20.7	5		
10	256QAM	1	49	19.22	19.27	19.32				
10	256QAM	25	0	19.21	19.44	19.25				
10	256QAM	25	12	19.24	19.28	19.21	20.7	5		
10	256QAM	25	25	19.28	19.24	19.34				
10	256QAM	50	0	19.22	19.34	19.21				
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.08	24.28	24.14				
5	QPSK	1	12	24.08	24.18	24.15	25.7	0		
5	QPSK	1	24	24.07	24.14	24.14				
5	QPSK	12	0	23.12	23.25	23.22				
5	QPSK	12	7	23.19	23.20	23.10	24.7	1		
5	QPSK	12	13	23.07	23.16	23.05				
5	QPSK	25	0	23.22	23.33	23.17				
5	16QAM	1	0	23.11	23.19	23.12				
5	16QAM	1	12	23.20	23.29	23.21	24.7	1		
5	16QAM	1	24	23.08	23.20	23.16				
5	16QAM	12	0	22.15	22.30	22.14				
5	16QAM	12	7	22.04	22.14	22.12	23.7	2		
5	16QAM	12	13	22.13	22.28	22.21				
5	16QAM	25	0	22.13	22.24	22.18				
5	64QAM	1	0	22.05	22.20	22.18				
5	64QAM	1	12	22.17	22.17	22.18	23.7	2		
5	64QAM	1	24	22.13	22.19	22.07				
5	64QAM	12	0	21.21	21.30	21.18				
5	64QAM	12	7	21.00	21.30	21.18	22.7	3		
5	64QAM	12	13	21.18	21.28	21.21				
5	64QAM	25	0	21.08	21.28	21.10				
5	256QAM	1	0	19.22	19.33	19.25				
5	256QAM	1	12	19.14	19.18	19.06	20.7	5		
5	256QAM	1	24	19.10	19.11	19.17				
5	256QAM	12	0	19.08	19.28	19.07				
5	256QAM	12	7	19.15	19.12	19.05	20.7	5		
5	256QAM	12	13	19.21	19.08	19.26				
5	256QAM	25	0	19.06	19.19	19.10				
Channel										
Frequency (MHz)										
3	QPSK	1	0	24.17	24.30	24.15				
3	QPSK	1	8	24.11	24.17	24.22	25.7	0		
3	QPSK	1	14	24.06	24.14	24.12				
3	QPSK	8	0	23.08	23.27	23.14				
3	QPSK	8	4	23.09	23.13	23.13	24.7	1		
3	QPSK	8	7	23.06	23.24	23.27				
3	QPSK	15	0	23.15	23.22	23.14				
3	16QAM	1	0	23.08	23.30	23.10				
3	16QAM	1	8	23.13	23.28	23.15	24.7	1		
3	16QAM	1	14	23.07	23.16	23.07				
3	16QAM	8	0	22.12	22.40	22.17				
3	16QAM	8	4	22.09	22.35	22.15	23.7	2		
3	16QAM	8	7	22.08	22.20	22.19				
3	16QAM	15	0	22.07	22.31	22.19				
3	64QAM	1	0	22.05	22.28	22.16				
3	64QAM	1	8	22.17	22.15	22.11	23.7	2		
3	64QAM	1	14	22.11	22.19	22.10				
3	64QAM	8	0	21.14	21.32	21.17				
3	64QAM	8	4	21.03	21.23	21.11	22.7	3		
3	64QAM	8	7	21.12	21.24	21.14				
3	64QAM	15	0	21.11	21.25	21.08				
3	256QAM	1	0	19.12	19.30	19.23				
3	256QAM	1	8	19.06	19.15	19.04	20.7	5		
3	256QAM	1	14	19.10	19.14	19.22				
3	256QAM	8	0	19.15	19.29	19.12				
3	256QAM	8	4	19.12	19.20	19.10	20.7	5		
3	256QAM	8	7	19.15	19.13	19.18				
3	256QAM	15	0	19.08	19.17	19.04				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.21	24.30	24.33				
1.4	QPSK	1	3	24.13	24.35	24.33	25.7	0		
1.4	QPSK	1	5	24.16	24.35	24.28				
1.4	QPSK	3	0	24.05	24.28	24.29				
1.4	QPSK	3	1	24.13	24.38	24.25				
1.4	QPSK	3	3	24.24	24.31	24.34				
1.4	QPSK	6	0	23.26	23.41	23.29	24.7	1		
1.4	16QAM	1	0	23.20	23.29	23.28				
1.4	16QAM	1	3	23.13	23.30	23.21				
1.4	16QAM	1	5	23.25	23.20	23.33	24.7	1		
1.4	16QAM	3	0	23.08	23.38	23.22				
1.4	16QAM	3	1	23.26	23.26	23.27				
1.4	16QAM	3	3	23.29	23.32	23.27				
1.4	16QAM	6	0	22.29	22.40	22.28	23.7	2		
1.4	64QAM	1	0	22.19	22.25	22.21				
1.4	64QAM	1	3	22.12	22.27	22.29				
1.4	64QAM	1	5	22.24	22.24	22.34	23.7	2		
1.4	64QAM	3	0	22.08	22.40	22.16				
1.4	64QAM	3	1	22.30	22.20	22.30				
1.4	64QAM	3	3	22.29	22.39	22.23	22.7	3		
1.4	256QAM	1	0	19.18	19.40	19.28				
1.4	256QAM	1	3	19.13	19.34	19.26				
1.4	256QAM	1	5	19.20	19.41	19.24	20.7	5		
1.4	256QAM	3	0	19.29	19.22	19.32				
1.4	256QAM	3	1	19.16	19.42	19.33				
1.4	256QAM	3	3	19.18	19.28	19.27				
1.4	256QAM	6	0	19.23	19.32	19.27	20.7	5		

Band 12 Ant1 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch / Freq [dB]	Power Lvl Ch / Freq [dB]	Power Lvl Ch / Freq [dB]	Tune-up [dBm]	MPR [dB]		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.38	24.47	24.45				
10	QPSK	1	25	24.30	24.14	24.28	25.7	0		
10	QPSK	1	49	24.21	24.16	24.34				
10	QPSK	25	0	23.34	23.45	23.43				
10	QPSK	25	12	23.22	23.10	23.28	24.7	1		
10	QPSK	25	25	23.16	23.14	23.27				
10	QPSK	50	0	23.41	23.43	23.43				
10	16QAM	1	0	23.31	23.44	23.41				
10	16QAM	1	25	23.34	23.11	23.24	24.7	1		
10	16QAM	1	49	23.22	23.18	23.43				
10	16QAM	25	0	22.32	22.47	22.41				
10	16QAM	25	12	22.33	22.17	22.28	23.7	2		
10	16QAM	25	25	22.23	22.23	22.47				
10	16QAM	50	0							



Band 17 Ant1 Default									
RFV (MHz)	Modulation	RE Size	RE Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Turn-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
700	710	711							
10	QPSK	1	0	24.36	24.42	24.38	25.7	0	
10	QPSK	1	25	24.17	24.54	24.25			
10	QPSK	1	49	24.07	24.13	24.21			
10	QPSK	25	0	23.33	23.39	23.38	24.7	1	
10	QPSK	25	12	23.24	23.65	23.24			
10	QPSK	25	25	23.34	23.36	23.25			
10	QPSK	50	0	23.34	23.41	23.37			
10	16QAM	1	0	23.12	23.06	23.15	24.7	1	
10	16QAM	1	25	23.13	23.00	23.22			
10	16QAM	1	49	23.23	23.32	23.38			
10	16QAM	25	12	22.14	22.00	22.18	23.7	2	
10	16QAM	25	25	22.17	22.02	22.27			
10	16QAM	50	0	22.32	22.36	22.30			
10	64QAM	1	0	22.16	22.51	22.11	23.7	2	
10	64QAM	1	25	22.12	22.21	22.31			
10	64QAM	1	49	22.36	22.36	22.32			
10	64QAM	25	0	21.32	21.38	21.43			
10	64QAM	25	12	21.19	21.04	21.12	22.7	3	
10	64QAM	25	25	21.13	21.13	21.27			
10	64QAM	50	0	21.31	21.40	21.27			
10	256QAM	1	0	19.30	19.23	19.32	20.7	5	
10	256QAM	1	25	19.18	19.23	19.15			
10	256QAM	1	49	19.14	19.06	19.29			
10	256QAM	25	0	19.32	19.41	19.31			
10	256QAM	25	12	19.25	19.05	19.25	20.7	5	
10	256QAM	25	25	19.07	19.06	19.19			
10	256QAM	50	0	19.25	19.40	19.42			
Channel									
Frequency (MHz)									
706.5	710	713.5					Turn-up (dBm)	MPR (dB)	
5	QPSK	1	0	24.30	24.41	24.31	25.7	0	
5	QPSK	1	12	24.21	24.06	24.31			
5	QPSK	1	24	24.01	24.00	24.25			
5	QPSK	12	0	23.32	23.39	23.36	24.7	1	
5	QPSK	12	7	23.30	23.00	23.31			
5	QPSK	12	13	23.06	23.07	23.29			
5	QPSK	25	0	23.32	23.35	23.37			
5	16QAM	1	0	22.96	23.10	22.14	24.7	1	
5	16QAM	1	12	22.19	22.07	22.21			
5	16QAM	1	24	22.16	22.35	22.39			
5	16QAM	12	0	22.32	22.23	22.37	23.7	2	
5	16QAM	12	7	22.12	22.00	22.16			
5	16QAM	12	13	22.20	22.08	22.31			
5	64QAM	25	0	22.27	22.29	22.35			
5	64QAM	1	0	22.12	22.50	22.19	23.7	2	
5	64QAM	1	12	22.12	22.16	22.23			
5	64QAM	1	24	22.28	22.31	22.32			
5	64QAM	12	0	21.30	21.31	21.40	22.7	3	
5	64QAM	12	7	21.15	21.05	21.09			
5	64QAM	12	13	21.12	21.06	21.35			
5	64QAM	25	0	21.37	21.38	21.20			
5	256QAM	1	0	19.28	19.34	19.25	20.7	5	
5	256QAM	1	12	19.15	19.20	19.16			
5	256QAM	1	24	19.13	19.15	19.29			
5	256QAM	12	0	19.39	19.36	19.30			
5	256QAM	12	7	19.30	19.19	19.30	20.7	5	
5	256QAM	12	13	19.05	19.07	19.24			
5	256QAM	25	0	19.21	19.43	19.37			

Band 26 Ant1 Default									
RFV (MHz)	Modulation	RE Size	RE Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Turn-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
2615	2665	2665							
15	QPSK	1	0	24.27	24.41	24.31	25.7	0	
15	QPSK	1	37	24.29	24.32	24.32			
15	QPSK	1	74	24.23	24.30	24.16			
15	QPSK	36	0	23.30	23.44	23.19	24.7	1	
15	QPSK	36	20	23.24	23.34	23.22			
15	QPSK	36	39	23.24	23.36	23.24			
15	QPSK	75	0	23.28	23.36	23.23			
15	16QAM	1	0	23.16	23.34	23.20	24.7	1	
15	16QAM	1	37	23.18	23.22	23.17			
15	16QAM	1	74	23.23	23.37	23.30			
15	16QAM	36	0	22.17	22.32	22.28	23.7	2	
15	16QAM	36	20	22.24	22.42	22.28			
15	16QAM	36	39	22.16	22.31	22.20			
15	16QAM	75	0	22.30	22.30	22.25			
15	64QAM	1	0	22.22	22.36	22.25	23.7	2	
15	64QAM	1	37	22.21	22.25	22.18			
15	64QAM	1	74	22.21	22.34	22.28			
15	64QAM	36	0	21.28	21.33	21.24	22.7	3	
15	64QAM	36	20	21.17	21.38	21.27			
15	64QAM	36	39	21.15	21.28	21.17			
15	64QAM	75	0	21.28	21.39	21.24			
15	256QAM	1	0	19.17	19.29	19.28	20.7	5	
15	256QAM	1	37	19.25	19.44	19.23			
15	256QAM	1	74	19.22	19.33	19.24			
15	256QAM	36	0	19.29	19.34	19.20			
15	256QAM	36	20	19.29	19.31	19.32	20.7	5	
15	256QAM	36	39	19.16	19.32	19.28			
15	256QAM	75	0	19.14	19.33	19.29			
Channel									
Frequency (MHz)									
2610	2665	2665					Turn-up (dBm)	MPR (dB)	
10	QPSK	1	0	24.21	24.32	24.30	25.7	0	
10	QPSK	1	25	24.23	24.31	24.28			
10	QPSK	1	49	24.26	24.28	24.43			
10	QPSK	25	0	23.32	23.32	23.19	24.7	1	
10	QPSK	25	12	23.22	23.43	23.28			
10	QPSK	25	25	23.22	23.38	23.24			
10	QPSK	50	0	23.27	23.36	23.27			
10	16QAM	1	0	22.29	22.34	22.17	24.7	1	
10	16QAM	1	25	22.15	22.23	22.17			
10	16QAM	1	49	22.27	22.33	22.27			
10	16QAM	25	0	22.24	22.38	22.30	23.7	2	
10	16QAM	25	12	22.18	22.39	22.21			
10	16QAM	25	25	22.15	22.28	22.13			
10	16QAM	50	0	22.33	22.23	22.29			
10	64QAM	1	0	22.17	22.35	22.30	23.7	2	
10	64QAM	1	25	22.14	22.29	22.23			
10	64QAM	1	49	22.16	22.31	22.34			
10	64QAM	25	0	21.21	21.40	21.25	22.7	3	
10	64QAM	25	12	21.16	21.40	21.24			
10	64QAM	25	25	21.16	21.29	21.11			
10	64QAM	50	0	21.28	21.36	21.30			
10	256QAM	1	0	19.13	19.32	19.27	20.7	5	
10	256QAM	1	25	19.30	19.38	19.30			
10	256QAM	1	49	19.25	19.35	19.20			
10	256QAM	25	0	19.35	19.33	19.18			
10	256QAM	25	12	19.31	19.26	19.30	20.7	5	
10	256QAM	25	25	19.10	19.28	19.27			
10	256QAM	50	0	19.13	19.38	19.30			
Channel									
Frequency (MHz)									
2615	2665	27015					Turn-up (dBm)	MPR (dB)	
5	QPSK	1	0	24.32	24.12	24.33	25.7	0	
5	QPSK	1	12	24.27	24.30	24.32			
5	QPSK	1	24	24.26	24.25	24.11			
5	QPSK	12	0	23.30	23.37	23.14	24.7	1	
5	QPSK	12	7	23.27	23.45	23.18			
5	QPSK	12	13	23.17	23.41	23.24			
5	QPSK	25	0	23.20	23.39	23.25			
5	16QAM	1	0	23.13	23.38	23.17	24.7	1	
5	16QAM	1	12	23.23	23.15	23.11			
5	16QAM	1	24	23.28	23.31	23.25			
5	16QAM	12	0	22.11	22.28	22.25	23.7	2	
5	16QAM	12	7	22.25	22.43	22.21			
5	16QAM	12	13	22.16	22.37	22.19			
5	16QAM	25	0	22.25	22.23	22.24			
5	64QAM	1	0	22.28	22.43	22.30	23.7	2	
5	64QAM	1	12	22.21	22.30	22.17			
5	64QAM								



Conducted Power

CDMA1X Rev D

CDMA1X Tx Channel	Best Average Power (dBm)			Txamp Limit (dB)	Frame-Average Power (dBm)			Txamp Limit (dB)
	612	661	810		612	661	810	
Frequency (MHz)	89.2	89.2	89.2	69.2	69.2	69.2	69.2	69.2
CDMA 1 Tx Watt	25.53	25.58	25.72	30.50	25.53	25.56	25.72	21.50
OPRB 1 Tx Watt	25.71	25.81	25.75	30.50	25.71	25.88	25.75	21.50
OPRB 2 Tx Watt	25.47	25.94	25.87	27.50	25.47	25.94	25.87	21.50
OPRB 3 Tx Watt	25.12	25.23	25.17	25.50	25.86	25.97	25.91	21.24
OPRB 4 Tx Watt	25.14	25.44	25.02	25.50	25.42	25.45	25.22	21.50
EDGE 1 Tx Watt	25.19	25.53	25.44	26.50	18.19	18.59	18.44	17.50
EDGE 2 Tx Watt	25.20	25.52	25.21	24.00	18.26	18.62	18.21	18.00
EDGE 3 Tx Watt	25.32	25.25	25.16	21.50	18.56	18.54	18.50	17.24
EDGE 4 Tx Watt	19.41	19.58	19.40	20.50	18.41	18.56	18.40	17.50

WCDMA R 443 Default

Best Tx Channel	WCDMA R			Txamp Limit (dB)	WCDMA IV			Txamp Limit (dB)
	9262	9800	9268		1312	1413	1513	
Frequency (MHz)	162.4	161.8	160.8	69.2	172.4	172.5	172.6	69.2
ISPP Real 0	AMR 12.2kbit	24.07	24.31	24.21	25.00	24.00	24.03	25.00
ISPP Real 0	RM 12.2kbit	24.83	24.25	24.18	25.00	24.03	24.03	25.00
ISPP Real 1	HSPA Subcar 1	23.50	23.28	23.13	24.00	23.50	22.87	24.00
ISPP Real 1	HSPA Subcar 2	23.04	23.15	23.24	24.00	23.14	23.55	24.00
ISPP Real 1	HSPA Subcar 3	22.50	22.77	22.85	23.50	22.44	22.55	23.50
ISPP Real 1	HSPA Subcar 4	22.48	22.62	22.75	23.50	22.49	22.81	23.50
ISPP Real 1	DC-HSPA Subcar 1	23.05	23.17	23.12	24.00	23.03	23.09	24.00
ISPP Real 1	DC-HSPA Subcar 2	23.11	23.21	23.14	24.00	23.15	23.03	24.00
ISPP Real 1	DC-HSPA Subcar 3	22.55	22.78	22.81	23.50	22.56	22.49	23.50
ISPP Real 1	DC-HSPA Subcar 4	22.52	22.75	22.84	23.50	22.52	22.54	23.50
ISPP Real 1	HSPA Subcar 1	23.11	23.11	23.16	24.00	23.05	23.05	24.00
ISPP Real 1	HSPA Subcar 2	23.92	21.22	21.26	22.00	21.11	21.09	22.00
ISPP Real 1	HSPA Subcar 3	21.98	21.11	21.15	23.00	22.10	21.98	23.00
ISPP Real 1	HSPA Subcar 4	21.10	21.10	21.26	22.00	21.07	20.98	22.00
ISPP Real 1	HSPA Subcar 5	23.14	23.25	23.26	24.00	23.05	22.97	23.10



Band 2 Ant3 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power High Ch (dBm)	Turn-up (min)	Turn-off (min)	Turn-on (min)	Turn-off (min)
20	QPSK	1	0	24.16	24.16	24.16	20.5	0		
20	QPSK	1	40	24.15	24.02	24.33	20.5	0		
20	QPSK	1	80	24.14	24.00	24.21	20.5	0		
20	QPSK	50	0	23.14	23.26	23.24	24.5	1		
20	QPSK	50	40	23.10	23.01	23.20	24.5	1		
20	QPSK	50	80	23.10	23.05	23.18	24.5	1		
20	QPSK	100	0	22.17	23.23	23.15	24.5	1		
20	QPSK	100	40	22.10	23.06	23.12	24.5	1		
20	QPSK	1	40	23.16	23.02	23.27	24.5	1		
20	QPSK	1	80	23.08	23.02	23.20	24.5	1		
20	QPSK	50	24	22.16	21.99	22.32	23.5	2		
20	QPSK	50	50	22.16	21.93	22.21	23.5	2		
20	QPSK	100	0	22.16	22.08	22.26	23.5	2		
20	QPSK	1	40	22.17	22.00	22.37	23.5	2		
20	QPSK	1	80	22.19	21.99	22.23	23.5	2		
20	QPSK	50	24	21.08	20.98	21.26	22.5	3		
20	QPSK	50	50	21.07	21.00	21.23	22.5	3		
20	QPSK	100	0	21.06	21.01	21.26	22.5	3		
20	QPSK	1	40	18.19	18.03	18.24	20.5	5		
20	QPSK	1	80	18.13	18.04	18.30	20.5	5		
20	QPSK	50	24	18.08	18.07	18.29	20.5	5		
20	QPSK	50	50	18.05	18.12	18.26	20.5	5		
20	QPSK	100	0	18.14	18.06	18.29	20.5	5		
20	QPSK	100	40	18.11	18.04	18.22	20.5	5		
20	QPSK	100	80	18.07	18.02	18.21	20.5	5		

Band 4 Ant3 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power High Ch (dBm)	Turn-up (min)	Turn-off (min)	Turn-on (min)	Turn-off (min)
20	QPSK	1	0	24.16	24.16	24.16	20.5	0		
20	QPSK	1	40	24.14	24.38	24.15	20.5	0		
20	QPSK	1	80	24.12	24.37	24.30	20.5	0		
20	QPSK	50	0	23.16	23.40	23.21	24.5	1		
20	QPSK	50	40	23.10	23.40	23.17	24.5	1		
20	QPSK	50	80	23.10	23.35	23.24	24.5	1		
20	QPSK	100	0	22.17	23.26	23.16	24.5	1		
20	QPSK	100	40	22.10	23.16	23.12	24.5	1		
20	QPSK	1	40	23.16	23.44	23.17	24.5	1		
20	QPSK	1	80	23.17	23.39	23.09	24.5	1		
20	QPSK	50	24	22.21	22.35	22.09	23.5	2		
20	QPSK	50	50	22.18	22.21	22.28	23.5	2		
20	QPSK	100	0	22.14	22.46	22.20	23.5	2		
20	QPSK	1	40	22.15	22.33	22.18	23.5	2		
20	QPSK	1	80	22.11	22.33	22.21	23.5	2		
20	QPSK	50	24	21.06	21.33	21.16	22.5	3		
20	QPSK	50	50	21.14	21.37	21.29	22.5	3		
20	QPSK	100	0	21.13	21.38	21.18	22.5	3		
20	QPSK	1	40	18.23	18.45	18.07	20.5	5		
20	QPSK	1	80	18.07	18.33	18.07	20.5	5		
20	QPSK	50	24	18.18	18.43	18.21	20.5	5		
20	QPSK	50	50	18.12	18.43	18.21	20.5	5		
20	QPSK	100	0	18.23	18.45	18.07	20.5	5		
20	QPSK	100	40	18.07	18.33	18.07	20.5	5		
20	QPSK	100	80	18.18	18.43	18.21	20.5	5		
20	QPSK	1	40	18.12	18.37	18.08	20.5	5		
20	QPSK	1	80	18.12	18.43	18.21	20.5	5		
20	QPSK	50	24	18.12	18.37	18.08	20.5	5		
20	QPSK	50	50	18.07	18.37	18.24	20.5	5		
20	QPSK	100	0	18.12	18.43	18.21	20.5	5		

Band 7 Ant3 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power High Ch (dBm)	Turn-up (min)	Turn-off (min)	Turn-on (min)	Turn-off (min)
20	QPSK	1	0	24.16	24.16	24.16	20.5	0		
20	QPSK	1	40	24.20	24.24	24.11	20.5	0		
20	QPSK	1	80	24.23	24.24	24.16	20.5	0		
20	QPSK	50	0	23.20	23.38	23.24	24.5	1		
20	QPSK	50	40	23.14	23.42	23.25	24.5	1		
20	QPSK	50	80	23.14	23.37	23.24	24.5	1		
20	QPSK	100	0	22.20	23.29	23.19	24.5	1		
20	QPSK	100	40	22.14	23.29	23.15	24.5	1		
20	QPSK	1	40	23.20	23.48	23.21	24.5	1		
20	QPSK	1	80	23.23	23.47	23.23	24.5	1		
20	QPSK	50	24	22.25	22.31	22.09	23.5	2		
20	QPSK	50	50	22.20	22.31	22.09	23.5	2		
20	QPSK	100	0	22.20	22.40	22.17	23.5	2		
20	QPSK	1	40	22.26	22.32	22.18	23.5	2		
20	QPSK	1	80	22.26	22.40	22.11	23.5	2		
20	QPSK	50	24	21.02	21.34	21.19	22.5	3		
20	QPSK	50	50	21.21	21.36	21.14	22.5	3		
20	QPSK	100	0	21.16	21.46	21.14	22.5	3		
20	QPSK	1	40	18.29	18.30	18.13	20.5	5		
20	QPSK	1	80	18.26	18.36	18.06	20.5	5		
20	QPSK	50	24	18.23	18.41	18.14	20.5	5		
20	QPSK	50	50	18.16	18.36	18.16	20.5	5		
20	QPSK	100	0	18.16	18.42	18.20	20.5	5		
20	QPSK	100	40	18.10	18.42	18.12	20.5	5		

Band 10 Ant3 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power High Ch (dBm)	Turn-up (min)	Turn-off (min)	Turn-on (min)	Turn-off (min)
20	QPSK	1	0	24.16	24.16	24.16	20.5	0		
20	QPSK	1	40	24.20	24.24	24.11	20.5	0		
20	QPSK	1	80	24.23	24.24	24.16	20.5	0		
20	QPSK	50	0	23.20	23.38	23.24	24.5	1		
20	QPSK	50	40	23.14	23.42	23.25	24.5	1		
20	QPSK	50	80	23.14	23.37	23.24	24.5	1		
20	QPSK	100	0	22.20	23.29	23.19	24.5	1		
20	QPSK	100	40	22.14	23.29	23.15	24.5	1		
20	QPSK	1	40	23.20	23.48	23.21	24.5	1		
20	QPSK	1	80	23.23	23.47	23.23	24.5	1		
20	QPSK	50	24	22.25	22.31	22.09	23.5	2		
20	QPSK	50	50	22.20	22.31	22.09	23.5	2		
20	QPSK	100	0	22.20	22.40	22.17	23.5	2		
20	QPSK	1	40	22.26	22.32	22.18	23.5	2		
20	QPSK	1	80	22.26	22.40	22.11	23.5	2		
20	QPSK	50	24	21.02	21.34	21.19	22.5	3		
20	QPSK	50	50	21.21	21.36	21.14	22.5	3		
20	QPSK	100	0	21.16	21.46	21.14	22.5	3		
20	QPSK	1	40	18.29	18.30	18.13	20.5	5		
20	QPSK	1	80	18.26	18.36	18.06	20.5	5		
20	QPSK	50	24	18.23	18.41	18.14	20.5	5		
20	QPSK	50	50	18.16	18.36	18.16	20.5	5		
20	QPSK	100	0	18.16	18.42	18.20	20.5	5		
20	QPSK	100	40	18.10	18.42	18.12	20.5	5		



Band 38 Ant3 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [Freq]	Power Middle Ch [Freq]	Power High Ch [Freq]	Tune-up limit (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	24.00	24.00	24.00			
20	QPSK	1	49	24.00	24.23	24.11	25.7	0	
20	QPSK	5	0	24.10	24.24	24.10			
20	QPSK	5	49	24.10	24.24	24.10			
20	QPSK	50	24	23.97	23.18	23.97	24.7	1	
20	QPSK	50	74	23.97	23.17	23.97			
20	QPSK	100	0	23.90	23.27	23.98			
20	QPSK	100	49	23.90	23.18	23.90			
20	HQAM	1	49	23.81	23.17	23.87	24.7	1	
20	HQAM	5	0	23.90	23.25	23.94			
20	HQAM	50	0	23.95	23.30	23.92			
20	HQAM	50	24	23.11	23.24	23.88	23.7	2	
20	HQAM	50	74	23.81	23.31	23.88			
20	HQAM	100	0	23.12	23.32	23.16			
20	HQAM	100	49	23.05	23.21	23.13	23.7	2	
20	HQAM	1	49	22.01	22.28	22.13			
20	HQAM	5	0	22.08	22.30	22.17			
20	HQAM	50	0	21.26	21.27	21.18			
20	HQAM	50	24	21.02	21.29	21.28	22.7	3	
20	HQAM	50	74	21.01	21.28	21.08			
20	HQAM	100	0	21.07	21.25	21.09			
20	HQAM	100	49	19.93	19.27	19.95	20.7	5	
20	HQAM	1	49	19.93	19.28	19.18			
20	HQAM	5	0	19.93	19.31	19.18			
20	HQAM	50	24	19.93	19.27	19.94			
20	HQAM	50	74	19.93	19.28	19.18			
20	HQAM	50	100	19.93	19.27	19.94			
20	HQAM	100	0	19.94	19.23	19.23			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.72	24.72	24.72			
15	QPSK	1	37	24.04	24.22	24.15	25.7	0	
15	QPSK	5	0	24.10	24.24	24.10			
15	QPSK	5	49	24.10	24.24	24.10			
15	QPSK	36	0	23.13	23.30	23.13	24.7	1	
15	QPSK	36	39	23.04	23.29	23.24			
15	QPSK	75	0	23.11	23.28	23.09			
15	QPSK	75	39	23.09	23.14	23.11			
15	HQAM	1	37	23.14	23.18	23.04	24.7	1	
15	HQAM	5	0	23.09	23.20	23.00			
15	HQAM	36	0	22.48	22.27	22.17	23.7	2	
15	HQAM	36	39	22.00	22.26	22.00			
15	HQAM	75	0	22.00	22.26	22.00			
15	HQAM	75	39	22.00	22.26	22.00			
15	HQAM	1	37	22.01	22.21	22.00	23.7	2	
15	HQAM	5	0	21.04	21.31	21.22			
15	HQAM	36	39	21.05	21.28	21.14	22.7	3	
15	HQAM	36	39	21.01	21.31	21.15			
15	HQAM	1	0	19.97	19.38	19.23	20.7	5	
15	HQAM	5	0	19.11	19.31	19.12			
15	HQAM	36	0	19.18	19.29	19.25			
15	HQAM	36	39	19.13	19.24	19.22	20.7	5	
15	HQAM	36	39	19.25	19.20	19.91			
15	HQAM	75	0	19.09	19.32	19.15			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.11	24.26	24.16			
10	QPSK	1	25	24.00	24.22	24.10	25.7	0	
10	QPSK	5	0	24.10	24.25	24.10			
10	QPSK	25	0	23.06	23.29	23.20	24.7	1	
10	QPSK	25	25	23.03	23.23	23.15			
10	QPSK	50	0	23.06	23.27	23.06			
10	HQAM	1	0	23.08	23.18	23.15	24.7	1	
10	HQAM	1	49	23.01	23.29	23.12			
10	HQAM	25	0	22.09	22.26	22.14			
10	HQAM	25	12	22.11	22.23	22.08	23.7	2	
10	HQAM	25	25	22.04	22.28	22.09			
10	HQAM	50	0	22.11	22.29	22.23			
10	HQAM	1	49	22.07	22.26	22.11	23.7	2	
10	HQAM	1	26	22.04	22.26	22.12			
10	HQAM	1	49	22.03	22.31	22.17			
10	HQAM	25	0	21.00	21.28	21.24	22.7	3	
10	HQAM	25	12	21.00	21.32	21.24			
10	HQAM	25	25	21.00	21.28	21.24			
10	HQAM	50	0	21.03	21.26	21.09			
10	HQAM	1	25	19.98	19.25	19.14	20.7	5	
10	HQAM	1	26	19.94	19.25	19.92			
10	HQAM	1	49	19.18	19.38	19.12			
10	HQAM	25	0	19.09	19.27	19.18			
10	HQAM	25	12	19.07	19.21	19.03	20.7	5	
10	HQAM	25	25	19.03	19.24	19.18			
10	HQAM	50	0	19.03	19.25	19.08			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.12	24.23	24.13			
5	QPSK	1	16	24.02	24.17	24.15	25.7	0	
5	QPSK	1	24	24.08	24.19	24.09			
5	QPSK	5	0	24.08	24.23	24.09			
5	QPSK	12	7	23.08	23.11	23.05	24.7	1	
5	QPSK	12	17	23.06	23.07	23.06			
5	QPSK	1	0	23.11	23.24	23.08			
5	HQAM	1	0	23.03	23.20	23.08	24.7	1	
5	HQAM	1	24	23.02	23.24	23.21			
5	HQAM	5	0	22.03	22.30	22.13			
5	HQAM	12	7	22.03	22.26	22.08	23.7	2	
5	HQAM	12	12	22.00	22.25	22.11			
5	HQAM	25	0	22.02	22.27	22.08			
5	HQAM	1	0	22.07	22.25	22.10	23.7	2	
5	HQAM	12	0	21.05	21.23	21.22			
5	HQAM	12	7	21.06	21.31	21.18	22.7	3	
5	HQAM	12	12	21.00	21.33	21.01			
5	HQAM	25	0	21.06	21.32	21.18			
5	HQAM	1	0	19.99	19.38	19.20	20.7	5	
5	HQAM	1	12	19.91	19.23	19.19			
5	HQAM	1	24	19.03	19.31	19.18			
5	HQAM	12	0	19.04	19.25	19.19			
5	HQAM	12	7	19.13	19.25	19.08	20.7	5	
5	HQAM	12	12	19.04	19.21	19.04			
5	HQAM	25	0	19.03	19.25	19.08			

Band 41 Ant3 Default										
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)	MFR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	24.00	24.00	24.00	24.00	24.00		
20	QPSK	1	49	24.00	24.14	24.30	24.30	24.34	25.7	0
20	QPSK	5	0	24.10	24.24	24.34	24.34	24.38		
20	QPSK	5	49	24.10	24.17	24.34	24.34	24.38		
20	QPSK	50	24	23.21	23.24	23.33	23.14	23.39	24.7	1
20	QPSK	50	74	23.18	23.18	23.39	23.33	23.27		
20	QPSK	100	0	23.07	23.17	23.42	23.33	23.34		
20	QPSK	100	49	23.03	23.16	23.39	23.16	23.20		
20	HQAM	1	49	23.31	23.14	23.41	23.33	23.35	24.7	1
20	HQAM	5	0	23.33	23.18	23.39	23.18	23.20		
20	HQAM	50	0	22.31	22.20	22.34	22.29	22.15		
20	HQAM	50	24	22.32	22.26	22.33	22.41	22.41	23.7	2
20	HQAM	50	74	22.32	22.31	22.31	22.17	22.27		
20	HQAM	100	0	22.16	22.29	22.47	22.23	22.22		
20	HQAM	100	49	22.21	22.18	22.38	22.26	22.20	23.7	2
20	HQAM	1	49	22.38	22.10	22.38	22.24	22.41		
20	HQAM	5	0	21.83	21.28	21.47	21.30	21.34		
20	HQAM	5	24	21.82	21.18	21.38	21.21	21.25	22.7	3
20	HQAM	50	0	21.52	21.30	21.39	21.21	21.59		
20	HQAM	50	24	21.21	21.26	21.35	21.24	21.23		
20	HQAM	100	0	19.93	19.27	19.93	19.31	19.20	20.7	5
20	HQAM	1	49	19.42	19.18	19.28	19.40	19.45		
20	HQAM	5	0	19.04	19.18	19.46	19.35	19.35		
20	HQAM	50	0	19.33	19.31	19.49	19.37	19.38		
20	HQAM	50	24	19.34	19.25	19.54	19.24	19.28	20.7	5
20	HQAM	50	74	19.30						



GBM1900 Area Default

GBM1900 Tx Channel	Burst Average Power (dBm)			Tune-up L1st (dBm)	Frame Average Power (dBm)			Tune-up L1st (dBm)
	1800.2	1800	1800.8		1800.2	1800	1800.8	
DRM 1 Tx.wat	26.15	28.23	28.21	30.00	19.19	19.43	19.21	21.00
OPRS 1 Tx.wat	24.11	26.11	25.76	28.00	19.11	19.17	19.70	21.00
OPRS 2 Tx.wat	24.79	25.14	24.88	26.00	19.79	19.14	18.88	20.00
OPRS 3 Tx.wat	22.84	23.20	22.89	24.00	19.68	18.96	18.63	19.74
OPRS 4 Tx.wat	21.11	21.58	21.25	23.00	18.11	18.58	18.25	20.00
EDGE 1 Tx.wat	21.84	23.84	23.42	25.00	14.84	14.84	14.82	16.00
EDGE 2 Tx.wat	20.05	20.03	20.06	22.00	14.05	14.03	14.06	16.00
EDGE 3 Tx.wat	18.88	19.20	19.21	20.00	14.88	14.89	14.90	16.24
EDGE 4 Tx.wat	17.38	17.72	17.36	19.00	14.38	14.72	14.36	16.00

WCDMA 3 Area Default

Band Tx Channel	WCDMA 3			Tune-up L1st (dBm)	WCDMA 3			Tune-up L1st (dBm)
	9802	9800	9808		9802	9800	9808	
Frequency (MHz)	1802.4	1800	1807.6	1802.4	1800	1807.6	1802.4	1800
SCPP Rate 0	22.58	22.54	22.59	24.00	22.23	22.44	22.37	24.00
SCPP Rate 1	21.51	21.63	21.60	23.00	21.26	21.41	21.39	24.00
SCPP Rate 2	21.52	21.69	21.59	23.00	21.18	21.42	21.41	23.00
SCPP Rate 3	21.60	21.50	21.63	23.00	21.17	21.52	21.46	23.00
SCPP Rate 4	21.05	21.01	21.01	22.00	20.86	20.71	20.84	22.00
SCPP Rate 5	21.03	21.00	21.03	22.00	20.84	20.82	20.81	22.00
SCPP Rate 6	21.03	21.50	21.70	23.00	21.00	21.43	21.50	23.00
SCPP Rate 7	21.52	21.60	21.56	23.00	21.22	21.21	21.43	23.00
SCPP Rate 8	21.06	21.00	21.11	22.00	20.66	20.67	20.68	22.00
SCPP Rate 9	21.05	21.07	21.08	22.00	20.62	20.60	20.83	22.00
SCPP Rate 10	21.47	21.58	21.55	23.00	21.19	21.33	21.44	23.00
SCPP Rate 11	19.52	19.56	19.66	21.00	19.15	19.38	19.44	21.00
SCPP Rate 12	20.51	20.69	20.57	22.00	20.19	20.35	20.48	22.00
SCPP Rate 13	19.92	19.71	19.88	21.00	19.21	19.34	19.46	21.00
SCPP Rate 14	21.50	21.52	21.67	23.00	21.20	21.30	21.50	23.00

WCDMA 4 Area Default

Band Tx Channel	WCDMA 4			Tune-up L1st (dBm)	WCDMA 4			Tune-up L1st (dBm)
	1902	1900	1908		1902	1900	1908	
Frequency (MHz)	1802.4	1800	1807.6	1802.4	1800	1807.6	1802.4	1800
SCPP Rate 0	22.58	22.54	22.59	24.00	22.23	22.44	22.37	24.00
SCPP Rate 1	21.51	21.63	21.60	23.00	21.26	21.41	21.39	24.00
SCPP Rate 2	21.52	21.69	21.59	23.00	21.18	21.42	21.41	23.00
SCPP Rate 3	21.60	21.50	21.63	23.00	21.17	21.52	21.46	23.00
SCPP Rate 4	21.05	21.01	21.01	22.00	20.86	20.71	20.84	22.00
SCPP Rate 5	21.03	21.00	21.03	22.00	20.84	20.82	20.81	22.00
SCPP Rate 6	21.03	21.50	21.70	23.00	21.00	21.43	21.50	23.00
SCPP Rate 7	21.52	21.60	21.56	23.00	21.22	21.21	21.43	23.00
SCPP Rate 8	21.06	21.00	21.11	22.00	20.66	20.67	20.68	22.00
SCPP Rate 9	21.05	21.07	21.08	22.00	20.62	20.60	20.83	22.00
SCPP Rate 10	21.47	21.58	21.55	23.00	21.19	21.33	21.44	23.00
SCPP Rate 11	19.52	19.56	19.66	21.00	19.15	19.38	19.44	21.00
SCPP Rate 12	20.51	20.69	20.57	22.00	20.19	20.35	20.48	22.00
SCPP Rate 13	19.92	19.71	19.88	21.00	19.21	19.34	19.46	21.00
SCPP Rate 14	21.50	21.52	21.67	23.00	21.20	21.30	21.50	23.00



Band 2 Ant4 Default													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power High (dBm)	Power Max (dBm)	Power Min (dBm)	Power Avg (dBm)	Power Peak (dBm)	Power Rise (dBm)	Power Fall (dBm)	Turn-up (ms)	Turn-off (ms)
20	QPSK	1	0	22.78	22.86	22.80	22.85	22.82	22.83	22.81	22.84	24.5	0
20	QPSK	1	49	22.74	22.86	22.85	22.85	22.85	22.85	22.85	22.85	24.5	0
20	QPSK	50	0	21.81	21.81	21.86	21.86	21.86	21.86	21.86	21.86	23.5	1
20	QPSK	50	49	21.86	21.86	21.81	21.81	21.81	21.81	21.81	21.81	23.5	1
20	QPSK	100	0	21.82	21.89	21.79	21.79	21.79	21.79	21.79	21.79	23.5	1
20	QPSK	100	49	21.77	21.86	21.86	21.86	21.86	21.86	21.86	21.86	23.5	1
20	SCDMA	1	48	21.87	21.86	21.82	21.82	21.82	21.82	21.82	21.82	23.5	1
20	SCDMA	1	99	21.74	21.82	21.79	21.79	21.79	21.79	21.79	21.79	23.5	1
20	SCDMA	50	0	20.87	20.96	20.86	20.86	20.86	20.86	20.86	20.86	23.5	2
20	SCDMA	50	24	20.74	20.91	20.84	20.84	20.84	20.84	20.84	20.84	23.5	2
20	SCDMA	50	50	20.81	20.92	20.87	20.87	20.87	20.87	20.87	20.87	23.5	2
20	SCDMA	100	0	20.87	20.96	20.86	20.86	20.86	20.86	20.86	20.86	23.5	2
20	SCDMA	100	49	20.76	20.79	20.73	20.73	20.73	20.73	20.73	20.73	23.5	2
20	SCDMA	1	49	20.87	20.86	20.82	20.82	20.82	20.82	20.82	20.82	23.5	2
20	SCDMA	50	24	19.83	19.83	19.87	19.87	19.87	19.87	19.87	19.87	21.5	3
20	SCDMA	50	50	19.79	19.83	19.81	19.81	19.81	19.81	19.81	19.81	21.5	3
20	SCDMA	100	0	19.84	19.87	19.76	19.76	19.76	19.76	19.76	19.76	21.5	3
20	SCDMA	100	49	17.86	18.00	17.87	17.87	17.87	17.87	17.87	17.87	19.5	5
20	SCDMA	1	99	17.80	17.79	17.85	17.85	17.85	17.85	17.85	17.85	19.5	5
20	SCDMA	50	0	17.87	17.92	17.80	17.80	17.80	17.80	17.80	17.80	19.5	5
20	SCDMA	50	24	17.85	17.83	17.80	17.80	17.80	17.80	17.80	17.80	19.5	5
20	SCDMA	50	50	17.74	17.86	17.71	17.71	17.71	17.71	17.71	17.71	19.5	5
20	SCDMA	100	0	17.77	17.82	17.79	17.79	17.79	17.79	17.79	17.79	19.5	5
15	QPSK	1	37	22.77	22.91	22.83	22.83	22.83	22.83	22.83	22.83	24.5	0
15	QPSK	1	74	22.74	22.92	22.84	22.84	22.84	22.84	22.84	22.84	24.5	0
15	QPSK	50	0	21.78	21.80	21.82	21.82	21.82	21.82	21.82	21.82	23.5	1
15	QPSK	50	49	21.87	21.87	21.78	21.78	21.78	21.78	21.78	21.78	23.5	1
15	QPSK	75	0	21.80	22.02	21.72	21.72	21.72	21.72	21.72	21.72	23.5	1
15	QPSK	75	49	21.78	21.80	21.82	21.82	21.82	21.82	21.82	21.82	23.5	1
15	SCDMA	1	37	21.87	21.87	21.86	21.86	21.86	21.86	21.86	21.86	23.5	1
15	SCDMA	1	74	21.89	22.06	21.79	21.79	21.79	21.79	21.79	21.79	23.5	1
15	SCDMA	50	0	20.86	21.02	20.97	20.97	20.97	20.97	20.97	20.97	23.5	2
15	SCDMA	50	24	20.89	20.97	20.87	20.87	20.87	20.87	20.87	20.87	23.5	2
15	SCDMA	50	50	20.84	20.85	20.81	20.81	20.81	20.81	20.81	20.81	23.5	2
15	SCDMA	100	0	20.79	20.85	20.81	20.81	20.81	20.81	20.81	20.81	23.5	2
15	SCDMA	100	49	20.71	20.80	20.86	20.86	20.86	20.86	20.86	20.86	23.5	2
15	SCDMA	1	37	20.73	20.85	20.86	20.86	20.86	20.86	20.86	20.86	23.5	2
15	SCDMA	1	74	20.87	20.87	20.79	20.79	20.79	20.79	20.79	20.79	23.5	2
15	SCDMA	50	0	19.78	19.84	19.81	19.81	19.81	19.81	19.81	19.81	21.5	3
15	SCDMA	50	24	19.85	19.85	19.85	19.85	19.85	19.85	19.85	19.85	21.5	3
15	SCDMA	50	50	19.83	19.82	19.80	19.80	19.80	19.80	19.80	19.80	21.5	3
15	SCDMA	100	0	19.80	19.81	19.80	19.80	19.80	19.80	19.80	19.80	21.5	3
15	SCDMA	100	49	17.87	17.83	17.80	17.80	17.80	17.80	17.80	17.80	19.5	5
15	SCDMA	1	37	17.80	17.87	17.82	17.82	17.82	17.82	17.82	17.82	19.5	5
15	SCDMA	1	74	17.86	17.74	17.87	17.87	17.87	17.87	17.87	17.87	19.5	5
15	SCDMA	50	0	17.89	17.97	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
15	SCDMA	50	24	17.78	17.86	17.82	17.82	17.82	17.82	17.82	17.82	19.5	5
15	SCDMA	50	50	17.70	17.82	17.73	17.73	17.73	17.73	17.73	17.73	19.5	5
15	SCDMA	100	0	17.80	17.84	17.77	17.77	17.77	17.77	17.77	17.77	19.5	5
10	QPSK	1	0	22.78	22.81	22.78	22.78	22.78	22.78	22.78	22.78	24.5	0
10	QPSK	1	25	22.83	22.83	22.74	22.74	22.74	22.74	22.74	22.74	24.5	0
10	QPSK	1	49	22.71	22.82	22.78	22.78	22.78	22.78	22.78	22.78	24.5	0
10	QPSK	50	0	21.80	21.87	21.87	21.87	21.87	21.87	21.87	21.87	23.5	1
10	QPSK	50	25	21.86	21.74	21.83	21.83	21.83	21.83	21.83	21.83	23.5	1
10	QPSK	50	50	21.84	21.79	21.87	21.87	21.87	21.87	21.87	21.87	23.5	1
10	SCDMA	1	49	21.72	21.89	21.86	21.86	21.86	21.86	21.86	21.86	23.5	1
10	SCDMA	50	0	20.82	21.06	20.90	20.90	20.90	20.90	20.90	20.90	23.5	2
10	SCDMA	50	24	20.77	20.89	20.82	20.82	20.82	20.82	20.82	20.82	23.5	2
10	SCDMA	50	50	20.85	20.85	20.81	20.81	20.81	20.81	20.81	20.81	23.5	2
10	SCDMA	100	0	20.83	21.02	20.90	20.90	20.90	20.90	20.90	20.90	23.5	2
10	SCDMA	100	49	20.80	20.76	20.82	20.82	20.82	20.82	20.82	20.82	23.5	2
10	SCDMA	1	49	20.85	20.85	20.79	20.79	20.79	20.79	20.79	20.79	23.5	2
10	SCDMA	50	0	19.78	19.80	19.80	19.80	19.80	19.80	19.80	19.80	21.5	3
10	SCDMA	50	24	19.76	19.76	19.82	19.82	19.82	19.82	19.82	19.82	21.5	3
10	SCDMA	50	50	19.83	19.82	19.80	19.80	19.80	19.80	19.80	19.80	21.5	3
10	SCDMA	100	0	19.83	19.82	19.80	19.80	19.80	19.80	19.80	19.80	21.5	3
10	SCDMA	100	49	17.80	17.82	17.79	17.79	17.79	17.79	17.79	17.79	19.5	5
10	SCDMA	1	37	17.82	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	1	74	17.82	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	50	0	17.80	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	50	24	17.80	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	50	50	17.80	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	100	0	17.80	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
10	SCDMA	100	49	17.80	17.82	17.81	17.81	17.81	17.81	17.81	17.81	19.5	5
5	QPSK	1	12	22.82	22.82	22.86	22.86	22.86	22.86	22.86	22.86	24.5	0
5	QPSK	1	24	22.78	22.83	22.80	22.80	22.80	22.80	22.80	22.80	24.5	0
5	QPSK	12	0	21.83	21.83	21.86	21.86	21.86	21.86	21.86	21.86	23.5	1
5	QPSK	12	7	21.84	21.88	21.82	21.82	21.82	21.82	21.82	21.82	23.5	1
5	QPSK	12	13	21.79	21.89	21.85	21.85	21.85	21.85	21.85	21.85	23.5	1
5	QPSK	25	0	21.87	21.87	21.84	21.84	21.84	21.84	21.84	21.84	23.5	1
5	QPSK	25	7	21.76	21.87	21.80	21.80	21.80	21.80	21.80	21.80	23.5	1
5	SCDMA	1	0	21.76	21.87	21.80	21.80	21.80	21.80	21.80	21.80	23.5	1
5	SCDMA	1	24	21.88	21.86	21.83	21.83	21.83	21.83	21.83	21.83	23.5	1
5	SCDMA	12	0	20.91	21.01	20.97	20.97	20.97	20.97	20.97	20.97	23.5	2
5	SCDMA	12	7	20									



Band 25 An4 Default										
BV (MHz)	Modulation	RB Size	RB Offset	Frame Low (kHz)	Frame High (kHz)	Frame Center (kHz)	Frame Width (kHz)	Frame Rate (MHz)	APPR (dB)	APPR (dB)
Channel	Frequency (MHz)	Mode	RB Size	RB Offset	Frame Low (kHz)	Frame High (kHz)	Frame Center (kHz)	Frame Width (kHz)	Frame Rate (MHz)	APPR (dB)
20	QPSK	1	0	22.96	23.04	22.99	0.08	22.99	24	0
20	QPSK	1	48	23.08	23.16	23.12	0.08	23.12	24	0
20	QPSK	1	96	23.20	23.28	23.24	0.08	23.24	24	0
20	QPSK	50	0	23.36	23.44	23.40	0.08	23.40	23	1
20	QPSK	50	24	23.40	23.48	23.44	0.08	23.44	23	1
20	QPSK	50	50	23.52	23.60	23.56	0.08	23.56	23	1
20	QPSK	100	0	23.68	23.76	23.72	0.08	23.72	23	1
20	TDMA	1	48	23.84	23.92	23.88	0.08	23.88	23	1
20	TDMA	1	96	23.92	24.00	23.96	0.08	23.96	23	1
20	TDMA	50	24	24.00	24.08	24.04	0.08	24.04	22	2
20	TDMA	50	50	24.08	24.16	24.12	0.08	24.12	22	2
20	TDMA	100	0	24.24	24.32	24.28	0.08	24.28	22	2
20	TDMA	1	48	24.32	24.40	24.36	0.08	24.36	22	2
20	TDMA	1	96	24.40	24.48	24.44	0.08	24.44	22	2
20	TDMA	50	24	24.48	24.56	24.52	0.08	24.52	21	3
20	TDMA	50	50	24.56	24.64	24.60	0.08	24.60	21	3
20	TDMA	100	0	24.72	24.80	24.76	0.08	24.76	21	3
20	ZSMA	1	0	17.88	17.96	17.92	0.08	17.92	19	5
20	ZSMA	1	48	17.96	18.04	18.00	0.08	18.00	19	5
20	ZSMA	50	0	18.12	18.20	18.16	0.08	18.16	19	5
20	ZSMA	50	24	18.16	18.24	18.20	0.08	18.20	19	5
20	ZSMA	50	50	18.24	18.32	18.28	0.08	18.28	19	5
20	ZSMA	100	0	18.40	18.48	18.44	0.08	18.44	19	5
20	ZSMA	100	0	18.48	18.56	18.52	0.08	18.52	19	5
20	ZSMA	100	0	18.56	18.64	18.60	0.08	18.60	19	5
20	ZSMA	100	0	18.64	18.72	18.68	0.08	18.68	19	5
20	ZSMA	100	0	18.72	18.80	18.76	0.08	18.76	19	5
20	ZSMA	100	0	18.80	18.88	18.84	0.08	18.84	19	5
20	ZSMA	100	0	18.88	18.96	18.92	0.08	18.92	19	5
20	ZSMA	100	0	18.96	19.04	19.00	0.08	19.00	19	5
20	ZSMA	100	0	19.04	19.12	19.08	0.08	19.08	19	5
20	ZSMA	100	0	19.12	19.20	19.16	0.08	19.16	19	5
20	ZSMA	100	0	19.20	19.28	19.24	0.08	19.24	19	5
20	ZSMA	100	0	19.28	19.36	19.32	0.08	19.32	19	5
20	ZSMA	100	0	19.36	19.44	19.40	0.08	19.40	19	5
20	ZSMA	100	0	19.44	19.52	19.48	0.08	19.48	19	5
20	ZSMA	100	0	19.52	19.60	19.56	0.08	19.56	19	5
20	ZSMA	100	0	19.60	19.68	19.64	0.08	19.64	19	5
20	ZSMA	100	0	19.68	19.76	19.72	0.08	19.72	19	5
20	ZSMA	100	0	19.76	19.84	19.80	0.08	19.80	19	5
20	ZSMA	100	0	19.84	19.92	19.88	0.08	19.88	19	5
20	ZSMA	100	0	19.92	20.00	19.96	0.08	19.96	19	5
20	ZSMA	100	0	20.00	20.08	20.04	0.08	20.04	19	5
20	ZSMA	100	0	20.08	20.16	20.12	0.08	20.12	19	5
20	ZSMA	100	0	20.16	20.24	20.20	0.08	20.20	19	5
20	ZSMA	100	0	20.24	20.32	20.28	0.08	20.28	19	5
20	ZSMA	100	0	20.32	20.40	20.36	0.08	20.36	19	5
20	ZSMA	100	0	20.40	20.48	20.44	0.08	20.44	19	5
20	ZSMA	100	0	20.48	20.56	20.52	0.08	20.52	19	5
20	ZSMA	100	0	20.56	20.64	20.60	0.08	20.60	19	5
20	ZSMA	100	0	20.64	20.72	20.68	0.08	20.68	19	5
20	ZSMA	100	0	20.72	20.80	20.76	0.08	20.76	19	5
20	ZSMA	100	0	20.80	20.88	20.84	0.08	20.84	19	5
20	ZSMA	100	0	20.88	20.96	20.92	0.08	20.92	19	5
20	ZSMA	100	0	20.96	21.04	21.00	0.08	21.00	19	5
20	ZSMA	100	0	21.04	21.12	21.08	0.08	21.08	19	5
20	ZSMA	100	0	21.12	21.20	21.16	0.08	21.16	19	5
20	ZSMA	100	0	21.20	21.28	21.24	0.08	21.24	19	5
20	ZSMA	100	0	21.28	21.36	21.32	0.08	21.32	19	5
20	ZSMA	100	0	21.36	21.44	21.40	0.08	21.40	19	5
20	ZSMA	100	0	21.44	21.52	21.48	0.08	21.48	19	5
20	ZSMA	100	0	21.52	21.60	21.56	0.08	21.56	19	5
20	ZSMA	100	0	21.60	21.68	21.64	0.08	21.64	19	5
20	ZSMA	100	0	21.68	21.76	21.72	0.08	21.72	19	5
20	ZSMA	100	0	21.76	21.84	21.80	0.08	21.80	19	5
20	ZSMA	100	0	21.84	21.92	21.88	0.08	21.88	19	5
20	ZSMA	100	0	21.92	22.00	21.96	0.08	21.96	19	5
20	ZSMA	100	0	22.00	22.08	22.04	0.08	22.04	19	5
20	ZSMA	100	0	22.08	22.16	22.12	0.08	22.12	19	5
20	ZSMA	100	0	22.16	22.24	22.20	0.08	22.20	19	5
20	ZSMA	100	0	22.24	22.32	22.28	0.08	22.28	19	5
20	ZSMA	100	0	22.32	22.40	22.36	0.08	22.36	19	5
20	ZSMA	100	0	22.40	22.48	22.44	0.08	22.44	19	5
20	ZSMA	100	0	22.48	22.56	22.52	0.08	22.52	19	5
20	ZSMA	100	0	22.56	22.64	22.60	0.08	22.60	19	5
20	ZSMA	100	0	22.64	22.72	22.68	0.08	22.68	19	5
20	ZSMA	100	0	22.72	22.80	22.76	0.08	22.76	19	5
20	ZSMA	100	0	22.80	22.88	22.84	0.08	22.84	19	5
20	ZSMA	100	0	22.88	22.96	22.92	0.08	22.92	19	5
20	ZSMA	100	0	22.96	23.04	23.00	0.08	23.00	19	5
20	ZSMA	100	0	23.04	23.12	23.08	0.08	23.08	19	5
20	ZSMA	100	0	23.12	23.20	23.16	0.08	23.16	19	5
20	ZSMA	100	0	23.20	23.28	23.24	0.08	23.24	19	5
20	ZSMA	100	0	23.28	23.36	23.32	0.08	23.32	19	5
20	ZSMA	100	0	23.36	23.44	23.40	0.08	23.40	19	5
20	ZSMA	100	0	23.44	23.52	23.48	0.08	23.48	19	5
20	ZSMA	100	0	23.52	23.60	23.56	0.08	23.56	19	5
20	ZSMA	100	0	23.60	23.68	23.64	0.08	23.64	19	5
20	ZSMA	100	0	23.68	23.76	23.72	0.08	23.72	19	5
20	ZSMA	100	0	23.76	23.84	23.80	0.08	23.80	19	5
20	ZSMA	100	0	23.84	23.92	23.88	0.08	23.88	19	5
20	ZSMA	100	0	23.92	24.00	23.96	0.08	23.96	19	5
20	ZSMA	100	0	24.00	24.08	24.04	0.08	24.04	19	5
20	ZSMA	100	0	24.08	24.16	24.12	0.08	24.12	19	5
20	ZSMA	100	0	24.16	24.24	24.20	0.08	24.20	19	5
20	ZSMA	100	0	24.24	24.32	24.28	0.08	24.28	19	5
20	ZSMA	100	0	24.32	24.40	24.36	0.08	24.36	19	5
20	ZSMA	100	0	24.40	24.48	24.44	0.08	24.44	19	5
20	ZSMA	100	0	24.48	24.56	24.52	0.08	24.52	19	5
20	ZSMA	100	0	24.56	24.64	24.60	0.08	24.60	19	5
20	ZSMA	100	0	24.64	24.72	24.68	0.08	24.68	19	5
20	ZSMA	100	0	24.72	24.80	24.76	0.08	24.76	19	5
20	ZSMA	100	0	24.80	24.88	24.84	0.08	24.84	19	5
20	ZSMA	100	0	24.88	24.96	24.92	0.08	24.92	19	5
20	ZSMA	100	0	24.96	25.04	25.00	0.08	25.00	19	5
20	ZSMA	100	0	25.04	25.12	25.08	0.08	25.08	19	5
20	ZSMA	100	0	25.12	25.20	25.16	0.08	25.16	19	5
20	ZSMA	100	0	25.20	25.28	25.24	0.08	25.24	19	5
20	ZSMA	100	0	25.28	25.36	25.32	0.08	25.32	19	5
20	ZSMA	100	0	25.36	25.44	25.40	0.08	25.40	19	5
20	ZSMA	100	0	25.44	25.52	25.48	0.08	25.48	19	5
20	ZSMA	100	0	25.52	25.60	25.56	0.08	25.56	19	5
20	ZSMA	100	0	25.60	25.68	25.64	0.08	25.64	19	5
20	ZSMA	100	0	25.68	25.76	25.72	0.08	25.72	19	5
20	ZSMA	100	0	25.76	25.84	25.80	0.08	25.80	19	5
20	ZSMA	100	0	25.84	25.92	25.88	0.08	25.88	19	5
20	ZSMA	100	0	25.92	26.00	25.96	0.08	25.96	19	5
20	ZSMA	100	0	26.00	26.08	26.04	0.08	26.04	19	5
20	ZSMA	100	0	26.08	26.16	26.12	0.08	26.12	19	5
20	ZSMA	100	0	26.16	26.24	26.20	0.08	26.20	19	5
20	ZSMA	100	0	26.24	26.32	26.28	0.08	26.28	19	5
20	ZSMA	100	0	26.32	26.40	26.36	0.08	26.36	19	5
20	ZSMA	100	0	26.40	26.48	26.44	0.08	26.44	19	5
20	ZSMA	100	0	26.48	26.56	26.52	0.08	26.52	19	5
20	ZSMA	100	0	26.56	26.64	26.60	0.08	26.60	19	5
20	ZSMA	100	0	26.64	26.72	26.68	0.08	26.68	19	5
20	ZSMA	100	0	26.72	26.80	26.76	0.08	26.76	19	5
20										



Band 38 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.97	22.97	22.97	24	0	
20	QPSK	1	49	22.97	22.97	22.97	24	0	
20	QPSK	5	0	22.97	22.97	22.97	24	0	
20	QPSK	5	49	22.97	22.97	22.97	24	0	
20	QPSK	50	24	21.99	21.86	21.81	23	1	
20	QPSK	50	74	21.99	21.86	21.81	23	1	
20	QPSK	100	0	21.93	22.01	21.79	23	1	
20	QPSK	100	49	21.93	22.01	21.79	23	1	
20	16QAM	1	0	21.98	21.83	21.78	23	1	
20	16QAM	1	49	21.98	21.83	21.78	23	1	
20	16QAM	50	24	20.97	21.03	20.92	22	2	
20	16QAM	50	74	20.97	21.03	20.92	22	2	
20	16QAM	100	0	20.92	21.00	20.81	22	2	
20	16QAM	100	49	20.92	21.00	20.81	22	2	
20	64QAM	1	0	20.99	20.81	20.71	22	2	
20	64QAM	1	49	20.99	20.81	20.71	22	2	
20	64QAM	50	24	20.01	20.08	19.90	21	3	
20	64QAM	50	74	20.01	20.08	19.90	21	3	
20	64QAM	100	0	19.87	19.91	19.81	21	3	
20	64QAM	100	49	19.87	19.91	19.81	21	3	
20	256QAM	1	0	17.95	18.01	17.89	19	5	
20	256QAM	1	49	17.97	17.85	17.72	19	5	
20	256QAM	50	24	17.84	18.04	17.82	19	5	
20	256QAM	50	74	17.84	18.04	17.82	19	5	
20	256QAM	100	0	17.95	17.92	17.79	19	5	
20	256QAM	100	49	17.95	17.92	17.79	19	5	
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.72	21.03	21.72	24	0	
15	QPSK	1	49	21.72	21.03	21.72	24	0	
15	QPSK	5	0	21.72	21.03	21.72	24	0	
15	QPSK	5	49	21.72	21.03	21.72	24	0	
15	QPSK	36	0	21.88	21.85	21.88	23	1	
15	QPSK	36	36	21.88	21.85	21.88	23	1	
15	QPSK	75	0	21.92	21.94	21.79	23	1	
15	QPSK	75	36	21.92	21.94	21.79	23	1	
15	16QAM	1	0	21.92	21.94	21.83	23	1	
15	16QAM	1	49	21.92	21.94	21.83	23	1	
15	16QAM	50	24	20.97	21.01	20.89	22	2	
15	16QAM	50	74	20.97	21.01	20.89	22	2	
15	16QAM	100	0	20.96	20.92	20.75	22	2	
15	16QAM	100	49	20.96	20.92	20.75	22	2	
15	64QAM	1	0	20.98	20.98	20.83	22	2	
15	64QAM	1	49	20.98	20.98	20.83	22	2	
15	64QAM	50	24	20.01	20.00	20.10	21	3	
15	64QAM	50	74	20.01	20.00	20.10	21	3	
15	64QAM	100	0	20.04	20.15	19.91	21	3	
15	64QAM	100	49	20.04	20.15	19.91	21	3	
15	256QAM	1	0	18.05	18.05	17.89	19	5	
15	256QAM	1	49	18.05	18.05	17.89	19	5	
15	256QAM	50	24	17.93	18.02	17.81	19	5	
15	256QAM	50	74	17.93	18.02	17.81	19	5	
15	256QAM	100	0	17.95	17.92	17.75	19	5	
15	256QAM	100	49	17.95	17.92	17.75	19	5	
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.90	21.00	21.90	24	0	
10	QPSK	1	49	21.90	21.00	21.90	24	0	
10	QPSK	25	0	21.97	21.97	21.86	23	1	
10	QPSK	25	12	21.97	21.97	21.86	23	1	
10	QPSK	25	25	21.97	21.97	21.86	23	1	
10	QPSK	50	0	21.93	21.96	21.75	23	1	
10	QPSK	50	49	21.93	21.96	21.75	23	1	
10	16QAM	1	0	21.98	21.81	21.85	23	1	
10	16QAM	1	49	21.98	21.81	21.85	23	1	
10	16QAM	25	0	20.94	21.01	20.89	22	2	
10	16QAM	25	12	20.94	21.01	20.89	22	2	
10	16QAM	25	25	20.94	21.01	20.89	22	2	
10	16QAM	50	0	20.93	21.05	20.78	22	2	
10	16QAM	50	49	20.93	21.05	20.78	22	2	
10	64QAM	1	0	21.04	20.93	20.84	22	2	
10	64QAM	1	49	21.04	20.93	20.84	22	2	
10	64QAM	25	0	20.00	20.00	19.70	21	3	
10	64QAM	25	12	20.00	20.00	19.70	21	3	
10	64QAM	25	25	20.00	20.00	19.70	21	3	
10	256QAM	1	0	17.97	18.01	17.90	19	5	
10	256QAM	1	49	17.97	18.01	17.90	19	5	
10	256QAM	25	0	17.95	18.10	17.85	19	5	
10	256QAM	25	12	17.95	18.10	17.85	19	5	
10	256QAM	50	0	17.91	17.97	17.84	19	5	
10	256QAM	50	49	17.91	17.97	17.84	19	5	
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.02	22.02	22.02	24	0	
5	QPSK	1	24	22.02	22.02	22.02	24	0	
5	QPSK	12	0	22.00	21.86	21.89	23	1	
5	QPSK	12	7	22.00	21.86	21.89	23	1	
5	QPSK	12	14	22.01	21.89	21.86	23	1	
5	QPSK	12	21	22.01	21.89	21.86	23	1	
5	16QAM	1	0	22.03	21.94	21.79	23	1	
5	16QAM	1	12	22.01	21.93	21.86	23	1	
5	16QAM	1	24	22.01	21.93	21.86	23	1	
5	16QAM	12	7	20.98	20.94	20.89	22	2	
5	16QAM	12	14	20.98	20.94	20.89	22	2	
5	16QAM	25	0	20.99	20.99	20.83	22	2	
5	16QAM	25	12	20.99	20.99	20.83	22	2	
5	64QAM	1	0	20.99	20.94	20.81	21	3	
5	64QAM	1	12	20.99	20.94	20.81	21	3	
5	64QAM	25	0	20.03	20.04	19.75	21	3	
5	64QAM	25	12	20.03	20.04	19.75	21	3	
5	256QAM	1	0	17.96	18.05	17.84	19	5	
5	256QAM	1	12	17.99	17.84	17.77	19	5	
5	256QAM	12	7	17.95	17.95	17.82	19	5	
5	256QAM	12	14	17.95	17.95	17.82	19	5	
5	256QAM	25	0	17.90	17.89	17.82	19	5	

Band 41 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.99	22.99	22.99	24	0	
20	QPSK	1	49	22.99	22.99	22.99	24	0	
20	QPSK	50	0	22.97	22.97	22.97	24	0	
20	QPSK	50	49	22.97	22.97	22.97	24	0	
20	QPSK	50	24	21.80	21.88	21.85	23	1	
20	QPSK	50	74	21.84	21.90	21.87	23	1	
20	QPSK	100	0	21.71	21.87	21.80	23	1	
20	QPSK	100	49	21.81	21.87	21.82	23	1	
20	16QAM	1	0	21.73	22.04	22.01	23	1	
20	16QAM	1	49	21.83	22.04	22.01	23	1	
20	16QAM	50	24	20.83	21.08	21.05	21	3	
20	16QAM	50	74	20.80	21.04	21.01	21	3	
20	16QAM	100	0	20.97	21.02	21.04	21	3	
20	16QAM	100	49	20.99	20.91	21.05	21	3	
20	16QAM	100	98	20.79	21.11	21.03	21	3	
20	64QAM	1	0	20.73	21.01	21.10	21	3	
20	64QAM	1	49	20.73	21.01	21.10	21	3	
20	64QAM	50	24	19.89	20.29	20.28	19	5	
20	64QAM	50	74	19.89	20.29	20.28	19	5	
20	64QAM	100	0	19.81	20.20	20.20	19	5	
20	64QAM	100	49	19.83	20.20	20.20	19	5	
20	64QAM	100	98	19.85	20.20	20.20	19	5	
20	256QAM	1	0	17.85	18.05	18.09	19	5	
20	256QAM	1	49	17.85	18.05	18.09	19	5	
20	256QAM	50	24	17.77	17.83	18.01	19	5	
20	256QAM	50	74	17.85	18.02	18.02	19	5	
20	256QAM	100	0	17.75	17.86	18.15	19	5	
20	256QAM	100	49	17.83	18.05	18.11			



Band 4 Ant5 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power Mid Ch./Freq.	Turn-up (dB)	MPE (dB)		
Channel										
				1720	1730	1740				
20	QPSK	1	0	22.71	22.83	22.79			24.5	0
20	QPSK	1	49	22.80	22.71	22.69				
20	QPSK	50	0	21.69	21.88	21.80			23.5	1
20	QPSK	50	24	21.73	21.76	21.80				
20	QPSK	50	50	21.72	21.76	21.82				
20	QPSK	100	0	21.73	22.84	21.80				
20	16QAM	1	0	22.08	22.07	22.13			23.5	1
20	16QAM	1	49	22.17	22.16	22.28				
20	16QAM	1	99	22.01	21.97	22.02				
20	16QAM	50	0	20.79	20.78	20.92			22.5	2
20	16QAM	50	24	20.77	20.75	20.86				
20	16QAM	50	50	20.75	20.77	20.82				
20	16QAM	100	0	20.74	20.71	20.85				
20	16QAM	1	0	20.89	20.93	20.93			22.5	2
20	16QAM	1	49	20.95	20.99	20.96				
20	16QAM	50	0	20.89	20.81	20.86				
20	16QAM	50	0	19.69	19.78	19.82			21.5	3
20	16QAM	50	24	19.79	19.74	19.90				
20	16QAM	50	50	19.72	19.78	19.84				
20	16QAM	100	0	19.75	19.73	19.86				
20	16QAM	1	0	17.34	17.67	17.69			19.5	5
20	16QAM	1	49	17.83	17.78	17.79				
20	16QAM	50	0	17.82	17.83	17.89				
20	16QAM	50	24	17.83	17.80	17.89				
20	16QAM	50	50	17.93	18.10	18.00			19.5	5
20	16QAM	100	0	17.84	17.86	17.87				
Channel										
				20025	20175	20345				
15	QPSK	1	0	22.80	22.81	22.85			24.5	0
15	QPSK	1	37	22.87	22.83	22.89				
15	QPSK	1	74	22.81	22.78	22.87				
15	QPSK	36	0	21.65	21.76	21.80			23.5	1
15	QPSK	36	20	21.79	21.79	21.90				
15	QPSK	36	36	21.61	21.77	21.76				
15	16QAM	1	0	21.67	21.68	21.80			23.5	1
15	16QAM	1	0	21.61	22.03	22.11				
15	16QAM	1	37	22.19	22.02	22.09			23.5	1
15	16QAM	1	74	22.14	22.07	22.16				
15	16QAM	36	0	20.82	20.77	20.78			22.5	2
15	16QAM	36	20	20.81	20.74	20.90				
15	16QAM	36	36	20.82	20.74	20.78				
15	16QAM	75	0	20.82	20.74	20.78				
15	16QAM	1	0	20.78	20.82	20.91			22.5	2
15	16QAM	1	37	20.85	20.86	20.92				
15	16QAM	1	74	20.84	20.85	20.92				
15	16QAM	36	0	19.69	19.82	19.89			21.5	3
15	16QAM	36	20	19.85	19.83	19.93				
15	16QAM	36	36	19.70	19.85	19.71				
15	16QAM	75	0	19.81	19.77	19.76				
15	16QAM	1	0	17.85	17.87	17.90			19.5	5
15	16QAM	1	37	17.85	17.76	17.90				
15	16QAM	1	74	17.85	17.84	17.89				
15	16QAM	36	0	17.82	17.84	17.85				
15	16QAM	36	20	18.02	17.88	17.90			19.5	5
15	16QAM	36	36	18.04	18.03	17.93				
15	16QAM	75	0	17.84	17.81	17.83				
Channel										
				20060	20175	20345				
10	QPSK	1	0	22.60	22.61	22.65			24.5	0
10	QPSK	1	25	22.73	22.79	22.75				
10	QPSK	1	49	22.59	22.63	22.63				
10	QPSK	1	74	22.67	22.61	22.67				
10	QPSK	25	0	21.75	21.80	21.83			23.5	1
10	QPSK	25	12	21.81	21.80	21.72				
10	16QAM	1	0	22.11	22.05	22.11			23.5	1
10	16QAM	1	25	22.13	22.09	22.22				
10	16QAM	1	49	22.08	22.07	22.09				
10	16QAM	1	74	22.06	22.03	22.09				
10	16QAM	25	0	20.79	20.73	20.79			22.5	2
10	16QAM	25	12	20.84	20.82	20.94				
10	16QAM	25	25	20.82	20.77	20.84				
10	16QAM	50	0	20.72	20.77	20.84				
10	16QAM	1	0	20.78	20.95	20.81			22.5	2
10	16QAM	1	25	21.00	21.01	21.04				
10	16QAM	1	49	20.85	20.79	20.82				
10	16QAM	25	0	19.69	19.75	19.79			21.5	3
10	16QAM	25	12	19.85	19.83	19.90				
10	16QAM	25	25	19.72	19.80	19.88				
10	16QAM	50	0	19.65	19.62	19.81				
10	16QAM	1	0	17.71	17.83	17.89			19.5	5
10	16QAM	1	25	17.88	17.89	17.91				
10	16QAM	1	49	17.76	17.76	17.81				
10	16QAM	1	74	17.85	17.84	17.89				
10	16QAM	25	0	17.82	17.84	17.85				
10	16QAM	25	12	17.83	18.01	17.83			19.5	5
10	16QAM	25	25	17.90	17.99	18.06				
10	16QAM	50	0	17.89	17.87	17.83				
Channel										
				19975	20175	20375				
5	QPSK	1	0	22.5	22.5	22.5			24.5	0
5	QPSK	1	12	22.72	22.82	22.81				
5	QPSK	1	24	22.51	22.89	22.81				
5	QPSK	12	0	21.73	21.83	21.80			23.5	1
5	QPSK	12	7	21.71	21.80	21.80				
5	QPSK	12	13	21.63	21.71	21.90				
5	16QAM	1	0	21.73	21.80	21.87			23.5	1
5	16QAM	1	0	21.66	22.15	22.21				
5	16QAM	1	12	22.14	22.10	22.21			23.5	1
5	16QAM	1	24	22.07	22.06	22.08				
5	16QAM	12	0	20.89	20.81	20.88			22.5	2
5	16QAM	12	7	20.78	20.71	20.95				
5	16QAM	12	13	20.85	20.82	20.84				
5	16QAM	25	0	20.86	20.73	20.88				
5	16QAM	1	0	20.93	20.96	20.86			22.5	2
5	16QAM	1	12	20.88	20.98	20.92				
5	16QAM	1	24	21.00	20.71	20.77				
5	16QAM	12	0	19.68	19.89	19.82			21.5	3
5	16QAM	12	7	19.85	19.75	19.80				
5	16QAM	12	13	19.76	19.73	19.94				
5	16QAM	25	0	19.76	19.79	19.90				
5	16QAM	1	0	17.73	17.82	17.88			19.5	5
5	16QAM	1	12	17.69	17.67	17.76				
5	16QAM	1	24	17.66	17.69	17.80				
5	16QAM	12	0	17.85	17.87	17.77				
5	16QAM	12	7	18.00	17.99	17.90			19.5	5
5	16QAM	12	13	17.86	18.08	17.86				
5	16QAM	25	0	17.79	17.85	17.86				
Channel										
				19965	20175	20395				
3	QPSK	1	0	22.5	22.5	22.5			24.5	0
3	QPSK	1	8	22.78	22.80	22.71				
3	QPSK	1	14	22.57	22.77	22.75				
3	QPSK	1	21	21.80	21.75	21.71			23.5	1
3	QPSK	8	4	21.87	21.75	21.97				
3	QPSK	8	7	21.64	21.77	21.84				
3	16QAM	1	0	21.64	21.74	21.80			23.5	1
3	16QAM	1	0	21.16	21.96	22.22				
3	16QAM	1	8	22.28	22.26	22.27			23.5	1
3	16QAM	1	14	21.65	20.98	20.93				
3	16QAM	8	0	20.71	20.67	20.77			22.5	2
3	16QAM	8	4	20.81	20.68	20.81				
3	16QAM	8	7	20.85	20.7					



Band 38 Ant5 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.04	23.24	23.00	24.5	0		
20	QPSK	1	49	23.07	23.18	23.06				
20	QPSK	50	0	22.08	22.08	22.08				
20	QPSK	50	24	22.10	22.16	22.11	23.5	1		
20	QPSK	100	0	22.11	22.13	22.04				
20	16QAM	1	0	22.06	22.07	21.98	23.5	1		
20	16QAM	1	49	22.09	22.06	22.11				
20	16QAM	1	99	22.14	22.05	22.14				
20	16QAM	50	0	21.13	21.19	21.06				
20	16QAM	50	24	21.21	21.16	21.19	22.5	2		
20	16QAM	100	0	21.17	21.16	21.18				
20	16QAM	100	0	21.19	21.12	21.06				
20	16QAM	1	49	21.23	21.34	21.39	22.5	2		
20	16QAM	1	99	21.15	21.10	21.14				
20	16QAM	50	0	20.11	20.11	20.02				
20	16QAM	50	24	20.18	20.18	20.12	21.5	3		
20	16QAM	100	0	20.17	20.13	20.16				
20	256QAM	1	0	18.22	18.08	18.04				
20	256QAM	1	49	18.27	18.25	18.24	19.5	5		
20	256QAM	1	99	18.12	18.14	18.08				
20	256QAM	50	0	17.86	18.12	18.06				
20	256QAM	50	24	17.75	17.95	17.81	19.5	5		
20	256QAM	100	0	18.20	18.15	18.15				
20	256QAM	100	0	18.09	18.05	18.05				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.23	23.35	23.23	24.5	0		
15	QPSK	1	37	23.07	23.20	23.09				
15	QPSK	1	74	23.04	23.04	23.04				
15	QPSK	36	0	22.10	22.10	22.06	23.5	1		
15	QPSK	36	20	22.18	22.19	22.18				
15	QPSK	75	0	22.13	22.11	22.13				
15	QPSK	75	0	22.10	22.11	22.13				
15	16QAM	1	0	22.21	21.88	21.96	23.5	1		
15	16QAM	1	37	22.07	22.07	22.05				
15	16QAM	1	74	22.02	22.00	22.10				
15	16QAM	36	0	21.15	21.10	21.04	22.5	2		
15	16QAM	36	20	21.21	21.19	21.22				
15	16QAM	36	39	21.18	21.14	21.15				
15	16QAM	75	0	21.15	21.14	21.15				
15	16QAM	75	0	20.20	20.84	20.80	22.5	2		
15	16QAM	1	37	21.18	21.88	21.18				
15	16QAM	1	74	20.99	20.92	20.96				
15	16QAM	36	0	20.14	20.11	20.06	21.5	3		
15	16QAM	36	20	20.20	20.19	20.21				
15	16QAM	36	39	20.17	20.15	20.15				
15	16QAM	75	0	20.14	20.12	20.12				
15	256QAM	1	0	18.09	18.04	17.98	19.5	5		
15	256QAM	1	37	18.26	18.26	18.18				
15	256QAM	1	74	18.11	18.22	18.19				
15	256QAM	36	0	18.05	18.26	18.13				
15	256QAM	36	20	17.86	18.04	17.84	19.5	5		
15	256QAM	36	39	18.28	18.20	18.06				
15	256QAM	75	0	18.07	18.02	17.92				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.24	23.30	23.20	24.5	0		
10	QPSK	1	25	23.18	23.09	23.18				
10	QPSK	1	49	23.16	23.14	23.14				
10	QPSK	12	0	22.10	22.13	22.07	23.5	1		
10	QPSK	12	18	22.07	22.08	22.23				
10	QPSK	25	0	22.03	22.05	22.24				
10	QPSK	25	0	22.16	22.02	22.03				
10	16QAM	1	0	22.10	21.87	21.89	23.5	1		
10	16QAM	1	25	22.08	22.18	22.17				
10	16QAM	1	49	21.94	21.96	22.06				
10	16QAM	25	0	21.09	21.22	21.14	22.5	2		
10	16QAM	25	12	21.22	21.21	21.31				
10	16QAM	25	24	21.11	21.07	21.12				
10	16QAM	50	0	21.20	21.11	21.07				
10	16QAM	50	0	21.02	20.76	20.80	22.5	2		
10	16QAM	1	25	21.14	21.04	21.00				
10	16QAM	1	49	21.08	20.97	20.95	22.5	2		
10	16QAM	25	0	20.23	20.08	19.95	21.5	3		
10	16QAM	25	12	20.12	20.08	20.33				
10	16QAM	25	25	20.20	20.10	20.25				
10	16QAM	50	0	20.11	20.11	20.17				
10	256QAM	1	0	18.17	17.88	18.04	19.5	5		
10	256QAM	1	25	18.18	18.07	18.14				
10	256QAM	1	49	18.25	18.09	18.17				
10	256QAM	25	0	18.23	18.26	18.02				
10	256QAM	25	12	17.94	17.79	17.84	19.5	5		
10	256QAM	25	25	18.13	18.02	18.13				
10	256QAM	50	0	17.95	17.89	17.91				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.91	22.91	22.77	24.5	0		
5	QPSK	1	19	22.90	22.90	23.11				
5	QPSK	1	24	22.95	22.88	23.15				
5	QPSK	12	0	22.01	22.04	22.70	23.5	1		
5	QPSK	12	7	22.11	22.21	22.24				
5	QPSK	12	18	22.20	22.22	22.11				
5	QPSK	25	0	22.07	22.13	22.16				
5	QPSK	25	0	22.05	21.99	21.95				
5	16QAM	1	12	22.25	22.09	22.34	23.5	1		
5	16QAM	1	24	21.96	21.96	22.06				
5	16QAM	12	0	21.18	21.09	20.93	22.5	2		
5	16QAM	12	7	21.18	21.13	21.31				
5	16QAM	12	13	21.15	21.14	21.16				
5	16QAM	25	0	21.21	21.10	21.18				
5	16QAM	1	0	21.03	20.89	20.94	22.5	2		
5	16QAM	1	12	21.23	21.11	21.09				
5	16QAM	1	24	20.97	21.00	20.98				
5	16QAM	12	0	20.22	20.04	19.99	21.5	3		
5	16QAM	12	7	20.25	20.19	20.12				
5	16QAM	12	13	20.21	20.17	20.16				
5	16QAM	25	0	20.07	20.00	20.00				
5	256QAM	1	0	18.21	18.15	18.08	19.5	5		
5	256QAM	1	12	18.34	18.12	18.12				
5	256QAM	1	24	18.21	18.12	18.11				
5	256QAM	12	0	18.03	18.26	18.22				
5	256QAM	12	7	17.98	17.85	18.02	19.5	5		
5	256QAM	12	13	18.25	18.15	18.11				
5	256QAM	25	0	18.07	18.04	17.89				

Band 41 Ant5 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.25	23.24	23.23	24.5	0		
20	QPSK	1	49	23.25	23.00	22.87				
20	QPSK	50	0	22.08	22.08	22.01	23.5	1		
20	QPSK	50	24	22.03	22.15	22.25				
20	QPSK	100	0	22.10	22.05	22.23				
20	16QAM	1	0	22.05	22.30	22.27	23.5	1		
20	16QAM	1	49	22.08	22.28	22.27				
20	16QAM	1	99	22.39	22.22	22.21				
20	16QAM	50	0	21.61	21.36	21.27	22.5	2		
20	16QAM	50	24	21.58	21.38	21.27				
20	16QAM	100	0	21.47	21.36	21.31	22.5	2		
20	16QAM	100	0	21.47	21.29	21.25				
20	16QAM	1	49	21.45	21.22	21.14	22.5	2		
20	16QAM	1	99	21.54	21.34	21.18				
20	16QAM	50	0	20.55	20.35	20.23	21.5	3		
20	16QAM	50	24	20.58	20.35	20.25				



Band 7 Ant7 Default									
Channel	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
20	20850	21100	21350	2510	2535	2560			
Channel	Frequency (MHz)								
20	QPSK	1	0	23.13	23.28	23.23	24.5	0	
20	QPSK	1	49	23.17	23.25	23.16			
20	QPSK	1	99	23.15	23.24	23.19			
20	QPSK	50	0	22.06	22.32	22.31			
20	QPSK	50	24	22.20	22.30	22.18	23.5	1	
20	QPSK	50	50	22.06	22.19	22.12			
20	QPSK	100	0	22.22	22.34	22.33			
20	16QAM	1	0	22.19	22.31	22.25			
20	16QAM	1	49	22.12	22.22	22.16	23.5	1	
20	16QAM	1	99	22.38	22.44	22.35			
20	16QAM	50	0	21.12	21.19	21.13			
20	16QAM	50	24	21.12	21.24	21.14	22.5	2	
20	16QAM	50	50	21.08	21.19	21.10			
20	16QAM	100	0	21.19	21.28	21.20			
20	64QAM	1	0	20.96	21.08	21.00			
20	64QAM	1	49	20.90	21.02	20.89	22.5	2	
20	64QAM	1	99	21.02	21.10	21.05			
20	64QAM	50	0	20.09	20.16	20.04			
20	64QAM	50	24	20.08	20.18	20.11	21.5	3	
20	64QAM	50	50	20.14	20.29	20.15			
20	64QAM	100	0	20.09	20.23	20.13			
20	256QAM	1	0	18.37	18.46	18.32			
20	256QAM	1	49	18.37	18.48	18.37	19.5	5	
20	256QAM	1	99	18.40	18.51	18.42			
20	256QAM	50	0	18.37	18.43	18.28			
20	256QAM	50	24	18.30	18.45	18.36	19.5	5	
20	256QAM	50	50	18.33	18.40	18.31			
20	256QAM	100	0	18.28	18.34	18.23			
Channel	20825	21100	21375						
Channel	Frequency (MHz)			2507.5	2535	2562.5			
15	QPSK	1	0	22.98	23.20	23.15	24.5	0	
15	QPSK	1	37	23.03	23.20	23.04			
15	QPSK	1	74	23.08	23.18	23.10			
15	QPSK	36	0	21.95	22.21	22.17			
15	QPSK	36	20	22.13	22.21	22.10	23.5	1	
15	QPSK	36	39	21.98	22.06	21.98			
15	QPSK	75	0	22.15	22.25	22.23			
15	16QAM	1	0	22.10	22.21	22.16			
15	16QAM	1	37	22.02	22.07	22.04	23.5	1	
15	16QAM	1	74	22.33	22.37	22.23			
15	16QAM	36	0	21.07	21.12	21.00			
15	16QAM	36	20	21.00	21.11	21.00	22.5	2	
15	16QAM	36	39	20.93	21.13	21.03			
15	16QAM	75	0	21.08	21.18	21.11			
15	64QAM	1	0	20.83	21.01	20.91			
15	64QAM	1	37	20.78	20.89	20.80	22.5	2	
15	64QAM	1	74	20.92	20.97	20.93			
15	64QAM	36	0	19.96	20.05	19.92			
15	64QAM	36	20	20.01	20.10	19.96	21.5	3	
15	64QAM	36	39	20.00	20.16	20.01			
15	64QAM	75	0	20.04	20.15	20.01			
15	256QAM	1	0	18.31	18.32	18.23			
15	256QAM	1	37	18.26	18.36	18.31	19.5	5	
15	256QAM	1	74	18.33	18.38	18.28			
15	256QAM	36	0	18.25	18.36	18.22			
15	256QAM	36	20	18.19	18.31	18.26	19.5	5	
15	256QAM	36	39	18.20	18.28	18.16			
15	256QAM	75	0	18.14	18.24	18.12			
Channel	20800	21100	21400						
Channel	Frequency (MHz)			2505	2535	2565			
10	QPSK	1	0	23.00	23.16	23.14	24.5	0	
10	QPSK	1	25	23.03	23.20	23.05			
10	QPSK	1	49	23.02	23.15	23.11			
10	QPSK	25	0	21.99	22.24	22.22			
10	QPSK	25	12	22.09	22.20	22.09	23.5	1	
10	QPSK	25	25	22.00	22.14	22.00			
10	QPSK	50	0	22.07	22.23	22.28			
10	16QAM	1	0	22.11	22.16	22.11			
10	16QAM	1	25	22.02	22.17	22.07	23.5	1	
10	16QAM	1	49	22.27	22.31	22.28			
10	16QAM	25	0	21.03	21.05	21.06			
10	16QAM	25	12	21.04	21.16	21.08	22.5	2	
10	16QAM	25	25	20.93	21.11	21.00			
10	16QAM	50	0	21.14	21.19	21.06			
10	64QAM	1	0	20.87	20.94	20.90			
10	64QAM	1	25	20.82	20.94	20.80	22.5	2	
10	64QAM	1	49	20.89	21.01	20.91			
10	64QAM	25	0	19.99	20.04	19.92			
10	64QAM	25	12	19.94	20.03	20.04	21.5	3	
10	64QAM	25	25	20.01	20.23	20.10			
10	64QAM	50	0	20.04	20.14	20.07			
10	256QAM	1	0	18.27	18.33	18.20			
10	256QAM	1	25	18.29	18.37	18.32	19.5	5	
10	256QAM	1	49	18.27	18.44	18.30			
10	256QAM	25	0	18.25	18.31	18.22			
10	256QAM	25	12	18.23	18.36	18.24	19.5	5	
10	256QAM	25	25	18.19	18.28	18.24			
10	256QAM	50	0	18.18	18.25	18.16			
Channel	20775	21100	21425						
Channel	Frequency (MHz)			2502.5	2535	2567.5			
5	QPSK	1	0	23.07	23.14	23.18	24.5	0	
5	QPSK	1	12	23.09	23.14	23.08			
5	QPSK	1	24	23.00	23.11	23.10			
5	QPSK	12	0	21.92	22.23	22.23			
5	QPSK	12	7	22.08	22.20	22.04	23.5	1	
5	QPSK	12	13	21.95	22.11	22.04			
5	QPSK	25	0	22.17	22.21	22.27			
5	16QAM	1	0	22.08	22.25	22.10			
5	16QAM	1	12	22.03	22.15	22.03	23.5	1	
5	16QAM	1	24	22.31	22.29	22.29			
5	16QAM	12	0	21.05	21.10	20.99			
5	16QAM	12	7	20.99	21.19	21.03	22.5	2	
5	16QAM	12	13	20.97	21.09	20.96			
5	16QAM	25	0	21.09	21.20	21.13			
5	64QAM	1	0	20.86	21.00	20.91			
5	64QAM	1	12	20.76	20.90	20.74	22.5	2	
5	64QAM	1	24	20.88	21.03	20.91			
5	64QAM	12	0	19.95	20.08	19.93			
5	64QAM	12	7	19.95	20.04	19.97	21.5	3	
5	64QAM	12	13	20.09	20.17	20.08			
5	64QAM	25	0	20.00	20.10	19.99			
5	256QAM	1	0	18.31	18.38	18.26			
5	256QAM	1	12	18.26	18.40	18.32	19.5	5	
5	256QAM	1	24	18.32	18.42	18.36			
5	256QAM	12	0	18.31	18.38	18.22			
5	256QAM	12	7	18.19	18.36	18.23	19.5	5	
5	256QAM	12	13	18.22	18.32	18.18			
5	256QAM	25	0	18.20	18.28	18.12			



Band 42 Ant10 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
20	QPSK	1	0	24.32	24.52	24.71	25.7	0	
20	QPSK	1	49	24.33	24.41	24.30			
20	QPSK	1	99	24.36	24.29	24.34			
20	QPSK	50	0	23.31	23.36	23.24	24.7	1	
20	QPSK	50	24	23.39	23.38	23.35			
20	QPSK	100	0	23.40	23.48	23.44			
20	QPSK	100	24	23.38	23.41	23.33			
20	HQAM	1	49	23.45	23.33	23.35	24.7	1	
20	HQAM	1	99	23.41	23.46	23.39			
20	HQAM	50	0	22.35	22.33	22.22			
20	HQAM	50	24	22.36	22.45	22.37	23.7	2	
20	HQAM	50	49	22.37	22.45	22.36			
20	HQAM	100	0	22.46	22.54	22.41			
20	HQAM	100	24	22.54	22.65	22.45			
20	HQAM	1	49	22.59	22.40	22.38	23.7	2	
20	HQAM	1	99	22.57	22.46	22.37			
20	HQAM	50	0	21.32	21.49	21.25			
20	HQAM	50	24	21.41	21.50	21.45			
20	HQAM	50	49	21.53	21.37	21.35	22.7	3	
20	HQAM	100	0	21.43	21.42	21.43			
20	HQAM	100	24	21.35	21.38	21.37			
20	ZSSBAM	1	49	19.19	19.25	19.09	20.7	5	
20	ZSSBAM	1	99	19.21	19.31	19.24			
20	ZSSBAM	50	0	19.25	19.23	19.27			
20	ZSSBAM	50	24	19.26	19.24	19.25			
20	ZSSBAM	50	49	19.19	19.32	19.21	20.7	5	
20	ZSSBAM	100	0	19.15	19.22	19.14			
20	ZSSBAM	100	24	19.22	19.25	19.24			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
15	QPSK	1	0	24.32	24.52	24.71	25.7	0	
15	QPSK	1	27	24.27	24.20	24.22			
15	QPSK	1	54	24.30	24.30	24.30			
15	QPSK	36	0	23.39	23.29	23.25	24.7	1	
15	QPSK	36	36	23.35	23.23	23.21			
15	QPSK	75	0	23.39	23.37	23.39			
15	QPSK	75	36	23.42	23.42	23.42			
15	HQAM	1	27	23.44	23.26	23.31	24.7	1	
15	HQAM	1	54	23.39	23.36	23.36			
15	HQAM	36	0	22.15	22.13	22.15			
15	HQAM	36	36	22.16	22.28	22.22	23.7	2	
15	HQAM	75	0	22.16	22.28	22.22			
15	HQAM	75	36	22.38	22.58	22.40			
15	HQAM	1	27	22.37	22.41	22.39	23.7	2	
15	HQAM	1	54	22.37	22.41	22.39			
15	HQAM	36	0	21.22	21.46	21.12			
15	HQAM	36	36	21.41	21.38	21.38	22.7	3	
15	HQAM	75	0	21.20	21.27	21.07			
15	HQAM	75	36	21.21	21.26	21.26			
15	ZSSBAM	1	0	19.14	19.33	19.03	20.7	5	
15	ZSSBAM	1	27	19.04	19.29	19.22			
15	ZSSBAM	36	0	19.19	19.14	19.23			
15	ZSSBAM	36	36	19.60	19.37	19.21	20.7	5	
15	ZSSBAM	75	0	19.25	19.26	19.13			
15	ZSSBAM	75	36	19.25	19.26	19.13			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
10	QPSK	1	0	24.35	24.45	24.48	25.7	0	
10	QPSK	1	25	24.16	24.21	24.26			
10	QPSK	1	49	24.16	24.22	24.33			
10	QPSK	25	0	23.18	23.24	23.11	24.7	1	
10	QPSK	25	25	23.20	23.24	23.20			
10	QPSK	25	49	23.01	23.29	23.21			
10	QPSK	50	0	23.25	23.41	23.30			
10	HQAM	1	0	23.18	23.48	23.50	24.7	1	
10	HQAM	1	49	23.38	23.34	23.35			
10	HQAM	25	0	22.19	22.24	22.17			
10	HQAM	25	25	22.15	22.34	22.27	23.7	2	
10	HQAM	50	0	22.28	22.44	22.29			
10	HQAM	50	25	22.54	22.62	22.48			
10	HQAM	1	49	22.29	22.21	22.36	23.7	2	
10	HQAM	25	0	21.21	21.34	21.17			
10	HQAM	25	25	21.20	21.30	21.47			
10	HQAM	50	0	21.20	21.29	21.09	22.7	3	
10	HQAM	50	25	21.40	21.36	21.36			
10	ZSSBAM	1	0	19.17	19.31	19.01	20.7	5	
10	ZSSBAM	1	25	19.20	19.25	19.24			
10	ZSSBAM	1	49	19.03	19.29	19.25			
10	ZSSBAM	25	0	19.21	19.20	19.21			
10	ZSSBAM	25	25	19.26	19.42	19.14	20.7	5	
10	ZSSBAM	50	0	19.15	19.17	19.05			
10	ZSSBAM	50	25	19.15	19.17	19.05			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
5	QPSK	1	0	24.46	24.49	24.55	25.7	0	
5	QPSK	1	24	24.24	24.29	24.22			
5	QPSK	12	0	23.23	23.29	23.05	24.7	1	
5	QPSK	12	7	23.22	23.40	23.29			
5	QPSK	25	0	23.25	23.29	23.21			
5	QPSK	25	12	23.26	23.26	23.24			
5	HQAM	1	0	23.38	23.35	23.35			
5	HQAM	1	12	23.35	23.39	23.37	24.7	1	
5	HQAM	12	0	22.33	22.40	22.33			
5	HQAM	12	7	22.33	22.40	22.33	23.7	2	
5	HQAM	25	0	22.29	22.42	22.30			
5	HQAM	25	12	22.28	22.41	22.37			
5	HQAM	1	0	21.20	21.29	21.09	23.7	2	
5	HQAM	1	12	21.19	21.45	21.08			
5	HQAM	12	0	21.37	21.20	21.40	22.7	3	
5	HQAM	12	12	21.39	21.36	21.06			
5	HQAM	25	0	21.34	21.34	21.29			
5	HQAM	25	12	21.34	21.34	21.29			
5	ZSSBAM	1	0	19.24	19.26	19.24	20.7	5	
5	ZSSBAM	1	12	19.23	19.19	19.17			
5	ZSSBAM	1	24	19.03	19.24	19.18			
5	ZSSBAM	12	0	19.33	19.47	19.19	20.7	5	
5	ZSSBAM	12	12	19.24	19.35	19.19			
5	ZSSBAM	25	0	19.14	19.27	19.13			

Band 48 Ant10 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
20	QPSK	1	0	21.60	21.60	21.61	23.0	0	
20	QPSK	1	49	21.65	21.72	21.63	23.0	0	
20	QPSK	1	99	21.55	21.54	21.76	23.0	0	
20	QPSK	50	0	20.55	20.74	20.74	22.0	1	
20	QPSK	50	24	20.71	20.66	20.67	20.46		
20	QPSK	50	49	20.54	20.61	20.59	20.46		
20	QPSK	100	0	20.53	20.70	20.70	20.46		
20	QPSK	100	24	20.59	20.77	20.77	20.46		
20	HQAM	1	49	20.55	20.54	20.70	20.46		
20	HQAM	1	99	20.52	20.61	20.60	20.46		
20	HQAM	50	0	19.54	19.67	19.65	19.55		
20	HQAM	50	24	19.71	19.72	19.75	19.51		
20	HQAM	50	49	19.46	19.61	19.58	19.46		
20	HQAM	100	0	19.55	19.70	19.69	19.46		
20	HQAM	100	24	19.37	19.70	19.59	19.46		
20	HQAM	1	49	19.51	19.60	19.69	19.42		
20	HQAM	1	99	19.52	19.45	19.27	19.42		
20	HQAM	50	0	18.59	18.59	18.57	18.51		
20	HQAM	50	24	18.59	18.59	18.57	18.51		
20	HQAM	50	49	18.36	18.52	18.45	18.55		
20	HQAM	100	0	18.50	18.71	18.66	18.48		
20	HQAM	100	24	18.59	18.68	18.59	18.56		
20	ZSSBAM	1	49	18.75	18.71	18.71	18.53		
20	ZSSBAM	1	99	18.51	18.66	18.56	18.56		
20	ZSSBAM	50	0	18.49	18.65	18.57	18.43		
20	ZSSBAM	50	24	18.52	18.64	18.54	18.41		
20	ZSSBAM	50	49	18.44	18.67	18.55	18.53		
20	ZSSBAM	100	0	18.56	18.62	18.46	18.41		
20	ZSSBAM	100	24	18.42	18.57	18.46	18.42		
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)		
15	QPSK	1	0	21.43	21.45	21.50	23.4	0	
15	QPSK	1	27	21.35	21.50	21.46	21.44		
15	QPSK	1	54	21.37	21.38	21.39	21.29		
15	QPSK	36	0	20.37	20.60	20.52	20.46		
15	QPSK	36	36	20.54	20.54	20.54	20.46		
15	QPSK	36	54	20.41	20.65	20.53	20.26		
15	QPSK	75	0	20.40	20.48	20.61	20.34		
15	QPSK	75	36	20.55	20.45	20.46	20.34		
15	HQAM	1	27	20.34	20.42	20.66	20.35		
15	HQAM	1	54	20.45	20.48	20.31	20.35		
15	HQAM	36	0	19.49	19.62	19.54	19.45		
15	HQAM	36	36	19.56	19.66	19.54	19.45		
15	HQAM	36	54	19.27	19.69	19.61	19.34		
1									



Band 42 Ant11 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	20.82	20.82	20.82	22.5	0	
20	QPSK	1	49	20.82	20.74	20.71			
20	QPSK	1	99	20.80	20.74	20.70			
20	QPSK	50	24	19.15	19.77	19.71	21.5	1	
20	QPSK	50	50	19.52	19.81	19.87			
20	QPSK	100	0	19.79	19.80	19.77			
20	HQAM	1	0	19.71	19.81	19.71	21.5	1	
20	HQAM	1	49	19.80	19.73	19.64			
20	HQAM	1	99	19.84	19.63	19.62			
20	HQAM	50	24	18.70	18.78	18.88	20.5	2	
20	HQAM	50	50	18.82	18.78	18.82			
20	HQAM	100	0	18.83	18.87	18.79			
20	HQAM	1	0	18.85	18.80	18.77	20.5	2	
20	HQAM	1	49	18.73	18.77	18.71			
20	HQAM	1	99	18.72	18.60	18.54			
20	HQAM	50	0	17.89	17.84	17.74			
20	HQAM	50	50	17.55	17.59	17.62	19.5	3	
20	HQAM	100	0	17.73	17.76	17.77			
20	HQAM	1	0	15.83	15.80	15.83	17.5	5	
20	HQAM	1	49	15.83	15.69	15.83			
20	HQAM	1	99	15.83	15.69	15.70			
20	HQAM	50	0	15.83	15.69	15.68			
20	HQAM	50	50	15.83	15.72	15.80	17.5	5	
20	HQAM	100	0	15.84	15.80	15.81			
Channel									
Frequency (MHz)									
15	QPSK	1	0	20.82	20.82	20.82	22.5	0	
15	QPSK	1	27	20.82	20.83	20.72			
15	QPSK	1	54	20.82	20.80	20.79			
15	QPSK	36	0	19.78	19.83	19.66	21.5	1	
15	QPSK	36	36	19.62	19.73	19.69			
15	QPSK	72	0	19.79	19.85	19.79			
15	HQAM	1	0	19.72	19.80	19.64	21.5	1	
15	HQAM	1	27	19.81	19.79	19.72			
15	HQAM	1	54	19.72	19.81	19.72			
15	HQAM	36	0	18.84	18.83	18.84	20.5	2	
15	HQAM	36	36	18.84	18.83	18.75			
15	HQAM	72	0	18.87	18.87	18.83			
15	HQAM	1	0	18.70	18.84	18.72	20.5	2	
15	HQAM	1	27	18.70	18.84	18.72			
15	HQAM	1	54	18.70	18.84	18.72			
15	HQAM	36	0	17.75	17.91	17.82	19.5	3	
15	HQAM	36	36	17.85	17.92	17.92			
15	HQAM	72	0	17.89	17.89	17.87			
15	HQAM	1	0	15.82	15.73	15.59	17.5	5	
15	HQAM	1	27	15.82	15.73	15.59			
15	HQAM	1	54	15.84	15.68	15.68			
15	HQAM	36	0	15.84	15.68	15.68	17.5	5	
15	HQAM	36	36	15.82	15.67	15.64			
15	HQAM	72	0	15.83	15.65	15.65			
Channel									
Frequency (MHz)									
10	QPSK	1	0	20.85	20.84	20.85	22.5	0	
10	QPSK	1	25	20.80	20.80	20.78			
10	QPSK	1	49	20.85	20.84	20.74			
10	QPSK	25	0	19.69	19.83	19.83	21.5	1	
10	QPSK	25	25	19.69	19.81	19.73			
10	QPSK	50	0	19.87	19.81	19.78			
10	HQAM	1	0	19.75	19.81	19.65	21.5	1	
10	HQAM	1	49	19.72	19.78	19.77			
10	HQAM	1	99	19.72	19.64	19.69			
10	HQAM	25	0	18.72	18.86	18.96	20.5	2	
10	HQAM	25	25	18.83	18.80	18.71			
10	HQAM	50	0	18.89	18.88	18.77			
10	HQAM	1	0	18.91	18.97	18.80	20.5	2	
10	HQAM	1	25	18.91	18.82	18.79			
10	HQAM	1	49	18.71	18.78	18.72			
10	HQAM	25	0	17.89	17.89	17.89	19.5	3	
10	HQAM	25	25	17.86	17.71	17.80			
10	HQAM	50	0	17.73	17.76	17.82			
10	HQAM	1	0	15.82	15.82	15.59	17.5	5	
10	HQAM	1	25	15.84	15.72	15.70			
10	HQAM	1	49	15.82	15.80	15.87			
10	HQAM	25	0	15.82	15.71	15.72	17.5	5	
10	HQAM	25	25	15.84	15.69	15.64			
10	HQAM	50	0	15.71	15.75	15.84			
Channel									
Frequency (MHz)									
5	QPSK	1	0	20.82	20.73	20.82	22.5	0	
5	QPSK	1	24	20.87	20.73	20.77			
5	QPSK	12	0	19.89	19.81	19.60	21.5	1	
5	QPSK	12	7	19.89	19.88	19.78			
5	QPSK	25	0	19.82	19.78	19.84			
5	QPSK	25	12	19.78	19.81	19.87			
5	HQAM	1	0	19.78	19.81	19.80	21.5	1	
5	HQAM	1	24	19.70	19.89	19.81			
5	HQAM	12	0	18.83	18.85	18.80	20.5	2	
5	HQAM	12	12	18.83	18.80	18.80			
5	HQAM	25	0	18.80	18.80	18.80			
5	HQAM	1	0	18.80	18.80	18.77	20.5	2	
5	HQAM	1	12	18.80	18.80	18.77			
5	HQAM	1	24	18.79	18.89	18.79			
5	HQAM	12	0	17.74	17.87	17.80	19.5	3	
5	HQAM	12	7	17.85	17.72	17.72			
5	HQAM	25	0	17.89	17.78	17.84			
5	HQAM	1	0	15.84	15.68	15.69	17.5	5	
5	HQAM	1	24	15.88	15.62	15.86			
5	HQAM	12	0	15.87	15.60	15.84			
5	HQAM	12	7	15.80	15.70	15.83	17.5	5	
5	HQAM	25	0	15.89	15.60	15.89			

Band 48 Ant11 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	34.60	34.60	34.60	22.5	0	
20	QPSK	1	49	34.50	34.50	34.50			
20	QPSK	1	99	34.50	34.50	34.50			
20	QPSK	50	24	17.25	17.24	17.19	21.5	1	
20	QPSK	50	50	17.25	17.19	17.20			
20	QPSK	100	0	17.27	17.23	17.20			
20	HQAM	1	0	17.14	17.20	17.20	21.5	1	
20	HQAM	1	49	17.14	17.20	17.20			
20	HQAM	1	99	17.14	17.20	17.20			
20	HQAM	50	24	16.28	16.29	16.20	20.5	2	
20	HQAM	50	50	16.25	16.13	16.27			
20	HQAM	100	0	16.14	16.12	16.15			
20	HQAM	1	0	16.14	16.25	16.14	20.5	2	
20	HQAM	1	49	16.05	16.15	16.09			
20	HQAM	1	99	16.11	16.06	16.27			
20	HQAM	50	0	15.99	15.15	15.07			
20	HQAM	50	50	15.13	15.23	15.21	17	3	
20	HQAM	100	0	15.07	15.22	15.21			
20	HQAM	1	0	13.24	13.38	13.39	15	5	
20	HQAM	1	49	13.25	13.38	13.45			
20	HQAM	1	99	13.43	13.38	13.37			
20	HQAM	50	0	13.19	13.36	13.21			
20	HQAM	50	50	13.19	13.36	13.21	15	5	
20	HQAM	100	0	13.24	13.29	13.41			
Channel									
Frequency (MHz)									
15	QPSK	1	0	34.57	34.40	34.45	22.5	0	
15	QPSK	1	27	34.38	34.39	34.38			
15	QPSK	1	54	34.38	34.39	34.38			
15	QPSK	36	0	17.16	17.24	17.28	21.5	1	
15	QPSK	36	36	17.14	17.28	17.28			
15	QPSK	72	0	17.05	17.12	17.30			
15	HQAM	1	0	17.13	17.18	17.18	21.5	1	
15	HQAM	1	27	17.03	17.15	17.28			
15	HQAM	1	54	17.22	17.25	17.20			
15	HQAM	36	0	16.03	16.32	16.29	20.5	2	
15	HQAM	36	36	16.03	16.32	16.29			
15	HQAM	72	0	16.10	16.38	16.39			
15	HQAM	1	0	16.13	16.38	16.38	20.5	2	
15	HQAM	1	27	16.13	16.30	16.16			
15	HQAM	1	54	16.13	16.30	16.16			



Band 42 Ant12 Default																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
BW (MHz)	Modulation	RB Size	RB Offset	PRB1	PRB2	PRB3	PRB4	PRB5	PRB6	PRB7	PRB8	PRB9	PRB10	PRB11	PRB12	PRB13	PRB14	PRB15	PRB16	PRB17	PRB18	PRB19	PRB20	PRB21	PRB22	PRB23	PRB24	PRB25	PRB26	PRB27	PRB28	PRB29	PRB30	PRB31	PRB32	PRB33	PRB34	PRB35	PRB36	PRB37	PRB38	PRB39	PRB40	PRB41	PRB42	PRB43	PRB44	PRB45	PRB46	PRB47	PRB48	PRB49	PRB50	PRB51	PRB52	PRB53	PRB54	PRB55	PRB56	PRB57	PRB58	PRB59	PRB60	PRB61	PRB62	PRB63	PRB64	PRB65	PRB66	PRB67	PRB68	PRB69	PRB70	PRB71	PRB72	PRB73	PRB74	PRB75	PRB76	PRB77	PRB78	PRB79	PRB80	PRB81	PRB82	PRB83	PRB84	PRB85	PRB86	PRB87	PRB88	PRB89	PRB90	PRB91	PRB92	PRB93	PRB94	PRB95	PRB96	PRB97	PRB98	PRB99	PRB100	PRB101	PRB102	PRB103	PRB104	PRB105	PRB106	PRB107	PRB108	PRB109	PRB110	PRB111	PRB112	PRB113	PRB114	PRB115	PRB116	PRB117	PRB118	PRB119	PRB120	PRB121	PRB122	PRB123	PRB124	PRB125	PRB126	PRB127	PRB128	PRB129	PRB130	PRB131	PRB132	PRB133	PRB134	PRB135	PRB136	PRB137	PRB138	PRB139	PRB140	PRB141	PRB142	PRB143	PRB144	PRB145	PRB146	PRB147	PRB148	PRB149	PRB150	PRB151	PRB152	PRB153	PRB154	PRB155	PRB156	PRB157	PRB158	PRB159	PRB160	PRB161	PRB162	PRB163	PRB164	PRB165	PRB166	PRB167	PRB168	PRB169	PRB170	PRB171	PRB172	PRB173	PRB174	PRB175	PRB176	PRB177	PRB178	PRB179	PRB180	PRB181	PRB182	PRB183	PRB184	PRB185	PRB186	PRB187	PRB188	PRB189	PRB190	PRB191	PRB192	PRB193	PRB194	PRB195	PRB196	PRB197	PRB198	PRB199	PRB200	PRB201	PRB202	PRB203	PRB204	PRB205	PRB206	PRB207	PRB208	PRB209	PRB210	PRB211	PRB212	PRB213	PRB214	PRB215	PRB216	PRB217	PRB218	PRB219	PRB220	PRB221	PRB222	PRB223	PRB224	PRB225	PRB226	PRB227	PRB228	PRB229	PRB230	PRB231	PRB232	PRB233	PRB234	PRB235	PRB236	PRB237	PRB238	PRB239	PRB240	PRB241	PRB242	PRB243	PRB244	PRB245	PRB246	PRB247	PRB248	PRB249	PRB250	PRB251	PRB252	PRB253	PRB254	PRB255	PRB256	PRB257	PRB258	PRB259	PRB260	PRB261	PRB262	PRB263	PRB264	PRB265	PRB266	PRB267	PRB268	PRB269	PRB270	PRB271	PRB272	PRB273	PRB274	PRB275	PRB276	PRB277	PRB278	PRB279	PRB280	PRB281	PRB282	PRB283	PRB284	PRB285	PRB286	PRB287	PRB288	PRB289	PRB290	PRB291	PRB292	PRB293	PRB294	PRB295	PRB296	PRB297	PRB298	PRB299	PRB300	PRB301	PRB302	PRB303	PRB304	PRB305	PRB306	PRB307	PRB308	PRB309	PRB310	PRB311	PRB312	PRB313	PRB314	PRB315	PRB316	PRB317	PRB318	PRB319	PRB320	PRB321	PRB322	PRB323	PRB324	PRB325	PRB326	PRB327	PRB328	PRB329	PRB330	PRB331	PRB332	PRB333	PRB334	PRB335	PRB336	PRB337	PRB338	PRB339	PRB340	PRB341	PRB342	PRB343	PRB344	PRB345	PRB346	PRB347	PRB348	PRB349	PRB350	PRB351	PRB352	PRB353	PRB354	PRB355	PRB356	PRB357	PRB358	PRB359	PRB360	PRB361	PRB362	PRB363	PRB364	PRB365	PRB366	PRB367	PRB368	PRB369	PRB370	PRB371	PRB372	PRB373	PRB374	PRB375	PRB376	PRB377	PRB378	PRB379	PRB380	PRB381	PRB382	PRB383	PRB384	PRB385	PRB386	PRB387	PRB388	PRB389	PRB390	PRB391	PRB392	PRB393	PRB394	PRB395	PRB396	PRB397	PRB398	PRB399	PRB400	PRB401	PRB402	PRB403	PRB404	PRB405	PRB406	PRB407	PRB408	PRB409	PRB410	PRB411	PRB412	PRB413	PRB414	PRB415	PRB416	PRB417	PRB418	PRB419	PRB420	PRB421	PRB422	PRB423	PRB424	PRB425	PRB426	PRB427	PRB428	PRB429	PRB430	PRB431	PRB432	PRB433	PRB434	PRB435	PRB436	PRB437	PRB438	PRB439	PRB440	PRB441	PRB442	PRB443	PRB444	PRB445	PRB446	PRB447	PRB448	PRB449	PRB450	PRB451	PRB452	PRB453	PRB454	PRB455	PRB456	PRB457	PRB458	PRB459	PRB460	PRB461	PRB462	PRB463	PRB464	PRB465	PRB466	PRB467	PRB468	PRB469	PRB470	PRB471	PRB472	PRB473	PRB474	PRB475	PRB476	PRB477	PRB478	PRB479	PRB480	PRB481	PRB482	PRB483	PRB484	PRB485	PRB486	PRB487	PRB488	PRB489	PRB490	PRB491	PRB492	PRB493	PRB494	PRB495	PRB496	PRB497	PRB498	PRB499	PRB500	PRB501	PRB502	PRB503	PRB504	PRB505	PRB506	PRB507	PRB508	PRB509	PRB510	PRB511	PRB512	PRB513	PRB514	PRB515	PRB516	PRB517	PRB518	PRB519	PRB520	PRB521	PRB522	PRB523	PRB524	PRB525	PRB526	PRB527	PRB528	PRB529	PRB530	PRB531	PRB532	PRB533	PRB534	PRB535	PRB536	PRB537	PRB538	PRB539	PRB540	PRB541	PRB542	PRB543	PRB544	PRB545	PRB546	PRB547	PRB548	PRB549	PRB550	PRB551	PRB552	PRB553	PRB554	PRB555	PRB556	PRB557	PRB558	PRB559	PRB560	PRB561	PRB562	PRB563	PRB564	PRB565	PRB566	PRB567	PRB568	PRB569	PRB570	PRB571	PRB572	PRB573	PRB574	PRB575	PRB576	PRB577	PRB578	PRB579	PRB580	PRB581	PRB582	PRB583	PRB584	PRB585	PRB586	PRB587	PRB588	PRB589	PRB590	PRB591	PRB592	PRB593	PRB594	PRB595	PRB596	PRB597	PRB598	PRB599	PRB600	PRB601	PRB602	PRB603	PRB604	PRB605	PRB606	PRB607	PRB608	PRB609	PRB610	PRB611	PRB612	PRB613	PRB614	PRB615	PRB616	PRB617	PRB618	PRB619	PRB620	PRB621	PRB622	PRB623	PRB624	PRB625	PRB626	PRB627	PRB628	PRB629	PRB630	PRB631	PRB632	PRB633	PRB634	PRB635	PRB636	PRB637	PRB638	PRB639	PRB640	PRB641	PRB642	PRB643	PRB644	PRB645	PRB646	PRB647	PRB648	PRB649	PRB650	PRB651	PRB652	PRB653	PRB654	PRB655	PRB656	PRB657	PRB658	PRB659	PRB660	PRB661	PRB662	PRB663	PRB664	PRB665	PRB666	PRB667	PRB668	PRB669	PRB670	PRB671	PRB672	PRB673	PRB674	PRB675	PRB676	PRB677	PRB678	PRB679	PRB680	PRB681	PRB682	PRB683	PRB684	PRB685	PRB686	PRB687	PRB688	PRB689	PRB690	PRB691	PRB692	PRB693	PRB694	PRB695	PRB696	PRB697	PRB698	PRB699	PRB700	PRB701	PRB702	PRB703	PRB704	PRB705	PRB706	PRB707	PRB708	PRB709	PRB710	PRB711	PRB712	PRB713	PRB714	PRB715	PRB716	PRB717	PRB718	PRB719	PRB720	PRB721	PRB722	PRB723	PRB724	PRB725	PRB726	PRB727	PRB728	PRB729	PRB730	PRB731	PRB732	PRB733	PRB734	PRB735	PRB736	PRB737	PRB738	PRB739	PRB740	PRB741	PRB742	PRB743	PRB744	PRB745	PRB746	PRB747	PRB748	PRB749	PRB750	PRB751	PRB752	PRB753	PRB754	PRB755	PRB756	PRB757	PRB758	PRB759	PRB760	PRB761	PRB762	PRB763	PRB764	PRB765	PRB766	PRB767	PRB768	PRB769	PRB770	PRB771	PRB772	PRB773	PRB774	PRB775	PRB776	PRB777	PRB778	PRB779	PRB780	PRB781	PRB782	PRB783	PRB784	PRB785	PRB786	PRB787	PRB788	PRB789	PRB790	PRB791	PRB792	PRB793	PRB794	PRB795	PRB796	PRB797	PRB798	PRB799	PRB800	PRB801	PRB802	PRB803	PRB804	PRB805	PRB806	PRB807	PRB808	PRB809	PRB810	PRB811	PRB812	PRB813	PRB814	PRB815	PRB816	PRB817	PRB818	PRB819	PRB820	PRB821	PRB822	PRB823	PRB824	PRB825	PRB826	PRB827	PRB828	PRB829	PRB830	PRB831	PRB832	PRB833	PRB834	PRB835	PRB836	PRB837	PRB838	PRB839	PRB840	PRB841	PRB842	PRB843	PRB844	PRB845	PRB846	PRB847	PRB848	PRB849	PRB850	PRB851	PRB852	PRB853	PRB854	PRB855	PRB856	PRB857	PRB858	PRB859	PRB860	PRB861	PRB862	PRB863	PRB864	PRB865	PRB866	PRB867	PRB868	PRB869	PRB870	PRB871	PRB872	PRB873	PRB874	PRB875	PRB876	PRB877	PRB878	PRB879	PRB880	PRB881	PRB882	PRB883	PRB884	PRB885	PRB886	PRB887	PRB888	PRB889	PRB890	PRB891	PRB892	PRB893	PRB894	PRB895	PRB896	PRB897	PRB898	PRB899	PRB900	PRB901	PRB902	PRB903	PRB904	PRB905	PRB906	PRB907	PRB908	PRB909	PRB910	PRB911	PRB912	PRB913	PRB914	PRB915	PRB916	PRB917	PRB918	PRB919	PRB920	PRB921	PRB922	PRB923	PRB924	PRB925	PRB926	PRB927	PRB928	PRB929	PRB930	PRB931	PRB932	PRB933	PRB934	PRB935	PRB936	PRB937	PRB938	PRB939	PRB940	PRB941	PRB942	PRB943	PRB944	PRB945	PRB946	PRB947	PRB948	PRB949	PRB950	PRB951	PRB952	PRB953	PRB954	PRB955	PRB956	PRB957	PRB958	PRB959	PRB960	PRB961	PRB962	PRB963	PRB964	PRB965	PRB966	PRB967	PRB968	PRB969	PRB970	PRB971	PRB972	PRB973	PRB974	PRB975	PRB976	PRB977	PRB978	PRB979	PRB980	PRB981	PRB982	PRB983	PRB984	PRB985	PRB986	PRB987	PRB988	PRB989	PRB990	PRB991	PRB992	PRB993	PRB994	PRB995	PRB996	PRB997	PRB998	PRB999	PRB1000
20	QPSK	1	0	21.30	21.46	21.62	21.78	21.94	22.10	22.26	22.42	22.58	22.74	22.90	23.06	23.22	23.38	23.54	23.70	23.86	24.02	24.18	24.34	24.50	24.66	24.82	24.98	25.14	25.30	25.46	25.62	25.78	25.94	26.10	26.26	26.42	26.58	26.74	26.90	27.06	27.22	27.38	27.54	27.70	27.86	28.02	28.18	28.34	28.50	28.66	28.82	28.98	29.14	29.30	29.46	29.62	29.78	29.94	30.10	30.26	30.42	30.58	30.74	30.90	31.06	31.22	31.38	31.54	31.70	31.86	32.02	32.18	32.34	32.50	32.66	32.82	32.98	33.14	33.30	33.46	33.62	33.78	33.94	34.10	34.26	34.42	34.58	34.74	34.90	35.06	35.22	35.38	35.54	35.70	35.86	36.02	36.18	36.34	36.50	36.66	36.82	36.98	37.14	37.30	37.46	37.62	37.78	37.94	38.10	38.26	38.42	38.58	38.74	38.90	39.06	39.22	39.38	39.54	39.70	39.86	40.02	40.18	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



Band 42 Ant13 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
20	QPSK	1	0	24.02	24.02	24.02	25.7	0	
20	QPSK	1	49	24.04	24.04	24.11			
20	QPSK	1	99	24.06	24.10	24.16			
20	QPSK	50	0	22.99	23.00	23.06	24.7	1	
20	QPSK	50	50	22.97	22.98	23.02			
20	QPSK	100	0	22.84	22.89	22.95			
20	QPSK	100	50	22.85	22.90	22.92			
20	QPSK	100	100	22.86	22.87	22.90			
20	HQAM	1	49	23.98	23.97	23.10	24.7	1	
20	HQAM	1	99	24.04	24.00	23.83			
20	HQAM	50	0	21.00	21.86	21.83			
20	HQAM	50	24	22.10	21.95	21.86	23.7	2	
20	HQAM	50	49	21.87	22.00	21.86			
20	HQAM	100	0	22.05	22.50	22.56			
20	HQAM	100	50	22.00	22.10	21.99			
20	HQAM	100	100	22.07	22.00	21.98	23.7	2	
20	HQAM	50	0	21.00	21.12	20.84			
20	HQAM	50	24	20.85	20.76	20.88	22.7	3	
20	HQAM	50	49	20.85	21.04	20.83			
20	HQAM	100	0	21.07	21.02	21.08			
20	HQAM	100	50	21.07	21.00	20.93			
20	HQAM	100	100	21.07	21.00	20.93	20.7	5	
20	HQAM	50	0	18.95	18.82	18.75			
20	HQAM	50	24	18.85	18.81	18.87			
20	HQAM	50	49	18.92	18.97	18.81			
20	HQAM	100	0	18.85	18.80	18.87			
20	HQAM	100	50	18.81	18.92	18.82	20.7	5	
20	HQAM	100	100	18.81	18.92	18.76			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
15	QPSK	1	0	24.12	24.03	24.12	25.7	0	
15	QPSK	1	27	23.97	24.27	24.01			
15	QPSK	36	0	22.82	22.85	22.81	24.7	1	
15	QPSK	36	36	22.84	22.88	22.78			
15	QPSK	75	0	22.84	22.96	22.81			
15	QPSK	75	36	22.81	23.10	22.88	24.7	1	
15	HQAM	1	27	22.82	22.84	22.89			
15	HQAM	1	74	22.87	22.85	22.82	23.7	2	
15	HQAM	36	0	21.73	21.78	21.70			
15	HQAM	36	36	21.72	21.88	21.84	20.7	2	
15	HQAM	75	0	21.04	22.07	21.90			
15	HQAM	75	36	21.04	22.07	21.90	22.7	3	
15	HQAM	150	0	21.16	21.31	21.24			
15	HQAM	150	74	21.08	21.18	21.09	20.7	5	
15	HQAM	36	36	21.07	21.27	21.02			
15	HQAM	75	0	19.01	19.31	19.18			
15	HQAM	75	36	19.14	19.00	19.05	20.7	5	
15	HQAM	150	0	19.20	19.23	19.04			
15	HQAM	150	74	19.26	19.18	19.18	20.7	5	
15	HQAM	36	36	19.00	19.28	19.10			
15	HQAM	75	0	19.21	19.21	19.16			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
10	QPSK	1	0	24.05	24.07	24.21	25.7	0	
10	QPSK	1	25	23.87	24.16	24.10			
10	QPSK	1	49	23.87	24.06	24.06			
10	QPSK	25	0	22.84	22.97	22.84	24.7	1	
10	QPSK	25	25	22.91	22.85	22.84			
10	QPSK	50	0	22.87	22.86	22.83			
10	QPSK	50	25	22.87	22.90	22.83	24.7	1	
10	QPSK	50	49	22.84	22.90	22.84			
10	HQAM	1	49	23.85	23.14	23.06	24.7	1	
10	HQAM	1	99	24.04	23.00	22.84			
10	HQAM	25	0	21.16	21.78	21.76	23.7	2	
10	HQAM	25	25	21.14	22.00	21.84			
10	HQAM	50	0	21.06	22.00	21.98			
10	HQAM	50	25	21.09	22.00	21.82	23.7	2	
10	HQAM	100	0	21.00	21.80	21.82			
10	HQAM	100	50	21.19	21.91	21.87	22.7	2	
10	HQAM	25	0	21.11	21.39	21.63			
10	HQAM	25	25	21.10	21.23	21.06	22.7	3	
10	HQAM	50	0	21.00	21.04	21.00			
10	HQAM	50	25	21.00	21.00	21.00	20.7	5	
10	HQAM	100	0	19.08	19.38	19.15			
10	HQAM	100	50	19.08	19.07	19.14			
10	HQAM	25	12	19.21	19.14	19.13	20.7	5	
10	HQAM	50	0	19.00	19.30	19.04			
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
5	QPSK	1	0	24.10	24.23	24.19	25.7	0	
5	QPSK	1	14	23.92	24.21	23.86			
5	QPSK	1	24	23.82	24.00	23.87			
5	QPSK	12	0	22.86	22.82	22.82	24.7	1	
5	QPSK	12	12	22.86	22.82	22.82			
5	QPSK	25	0	22.82	22.86	22.86			
5	QPSK	25	12	22.89	23.14	23.10	24.7	1	
5	QPSK	50	0	22.89	22.86	22.86			
5	HQAM	1	14	22.87	22.89	22.83			
5	HQAM	12	0	22.13	21.86	21.88	23.7	2	
5	HQAM	12	12	22.14	22.10	21.88			
5	HQAM	25	0	22.02	22.17	22.01			
5	HQAM	25	12	22.02	22.10	21.99	23.7	2	
5	HQAM	50	0	21.84	22.00	21.97			
5	HQAM	50	12	21.12	21.32	21.13	22.7	3	
5	HQAM	100	0	21.00	21.00	21.00			
5	HQAM	100	12	21.00	20.80	21.27	20.7	5	
5	HQAM	25	0	21.28	21.23	21.26			
5	HQAM	25	12	21.28	21.23	21.26	20.7	5	
5	HQAM	50	0	19.00	19.04	19.06			
5	HQAM	50	12	19.00	19.04	19.06	20.7	5	
5	HQAM	100	0	19.00	19.00	19.00			
5	HQAM	100	12	19.00	19.13	19.12	20.7	5	
5	HQAM	25	0	19.04	19.13	19.06			

Band 48 Ant13 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
20	QPSK	1	0	34.00	34.00	34.00	25.7	0	
20	QPSK	1	49	33.99	34.00	34.00			
20	QPSK	1	99	33.97	34.00	34.00			
20	QPSK	50	0	32.99	33.00	33.06	24.7	1	
20	QPSK	50	50	32.97	32.98	33.02			
20	QPSK	100	0	32.84	32.89	32.95			
20	QPSK	100	50	32.85	32.90	32.92			
20	QPSK	100	100	32.86	32.87	32.90			
20	HQAM	1	49	31.98	31.97	31.10	24.7	1	
20	HQAM	1	99	32.04	32.00	31.83			
20	HQAM	50	0	29.20	29.31	29.28			
20	HQAM	50	24	29.29	29.30	29.18	22	2	
20	HQAM	50	49	29.25	29.38	29.31			
20	HQAM	100	0	29.38	29.32	29.29			
20	HQAM	100	50	29.12	29.20	29.18	20.7	2	
20	HQAM	100	100	29.32	29.24	29.27			
20	HQAM	50	0	29.11	29.16	29.27			
20	HQAM	50	24	29.44	29.36	29.28	21	3	
20	HQAM	50	49	29.32	29.38	29.25			
20	HQAM	100	0	29.17	29.30	29.27			
20	HQAM	100	50	29.17	29.27	29.20			
20	HQAM	100	100	29.17	29.27	29.20	19	5	
20	HQAM	50	0	17.27	17.30	17.31			
20	HQAM	50	24	17.18	17.24	17.24			
20	HQAM	50	49	17.14	17.17	17.16	19	5	
20	HQAM	100	0	17.08	17.21	17.20			
20	HQAM	100	50	17.27	17.30	17.31			
20	HQAM	100	100	17.27	17.30	17.31	19	5	
20	HQAM	50	0	17.33	17.37	17.31			
20	HQAM	50	24	17.46	17.31	17.18	17.26		
Channel									
Frequency (MHz)									
Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MPR (dB)		
15	QPSK	1	0	22.03	22.24	22.25	22.13		
15	QPSK	1	27	22.07	22.09	22.15	22.11	24	0
15	QPSK	36	0	21.07	22.00	22.00	22.11		
15	QPSK	36	36	21.24	21.19	21.22	21.08		
15	QPSK	75	0	21.07	21.10	21.08	21.08		
15	QPSK	75	36	21.31	21.15	21.39	21.27	23	1
15	HQAM	1	27	21.37	21.23	21.38	21.10		
15	HQAM	1	74	21.11	21.10	21.10	21.10		
15	HQAM	36	0	21.17	21.15	21.12	21.25	23	1
15	HQAM	36	36	21.16	21.04	21.09	21.09		
15	HQAM	75	0	20.12	20.20	20.15	20.17		
15	HQAM	75	36	20.12	20.18	20.21	20.17	22	2
15	HQAM	150	0	20.22	20.27	20.34	20.21		
15	HQAM	150	74	20.17	20.18	20.18	20.17		
15	HQAM	36	36	20.38	20.23	20.07	20.31		
15	HQAM	75	0	20.13	20.10	20.11	20.41	22	2
15	HQAM	75	36	20.32	20.30	20.32	20.32		
15	HQAM</								



Band 42 Part27O Ant10 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				43190	43340	43490			
Frequency (MHz)				3580	3575	3590			
20	QPSK	1	0	24.30	24.44	24.36	25.7	0	
20	QPSK	1	49	24.12	24.16	24.17			
20	QPSK	1	99	24.14	24.20	24.08			
20	QPSK	50	0	23.99	23.31	23.05	24.7	1	
20	QPSK	50	24	23.18	23.27	23.10			
20	QPSK	50	50	22.96	23.27	23.10			
20	QPSK	100	0	23.17	23.32	23.30			
20	16QAM	1	0	23.13	23.24	23.49	24.7	1	
20	16QAM	1	49	23.22	23.15	23.08			
20	16QAM	1	99	23.14	23.17	23.11			
20	16QAM	50	0	22.22	22.15	22.08	23.7	2	
20	16QAM	50	24	22.10	22.26	22.13			
20	16QAM	50	50	22.02	22.23	22.14			
20	16QAM	100	0	22.23	22.33	22.23			
20	64QAM	1	0	22.38	22.47	22.31	23.7	2	
20	64QAM	1	49	22.17	22.33	22.19			
20	64QAM	1	99	22.16	22.23	22.12			
20	64QAM	50	0	21.08	21.27	21.02	22.7	3	
20	64QAM	50	24	21.27	21.16	21.27			
20	64QAM	50	50	21.03	21.31	21.03			
20	64QAM	100	0	21.24	21.27	21.18			
20	256QAM	1	0	19.03	19.24	18.81	20.7	5	
20	256QAM	1	49	19.02	19.02	18.92			
20	256QAM	1	99	18.77	19.08	19.02			
20	256QAM	50	0	19.11	19.08	19.04	20.7	5	
20	256QAM	50	24	19.26	19.20	19.01			
20	256QAM	50	50	18.99	19.07	19.06			
20	256QAM	100	0	18.99	18.99	18.90			
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3575	3592.5			
15	QPSK	1	0	24.26	24.43	24.38	25.7	0	
15	QPSK	1	37	24.08	24.19	24.16			
15	QPSK	1	74	24.21	24.19	24.08			
15	QPSK	36	0	23.10	23.27	23.06	24.7	1	
15	QPSK	36	20	23.15	23.16	23.10			
15	QPSK	36	39	22.98	23.25	23.15			
15	QPSK	75	0	23.19	23.27	23.23			
15	16QAM	1	0	23.21	23.27	23.44	24.7	1	
15	16QAM	1	37	23.28	23.19	23.04			
15	16QAM	1	74	23.18	23.24	23.17			
15	16QAM	36	0	22.15	22.17	22.08	23.7	2	
15	16QAM	36	20	22.21	22.31	22.18			
15	16QAM	36	39	22.02	22.34	22.18			
15	16QAM	75	0	22.24	22.31	22.16	23.7	2	
15	64QAM	1	0	22.29	22.43	22.23			
15	64QAM	1	37	22.14	22.33	22.18			
15	64QAM	1	74	22.12	22.30	22.23	22.7	3	
15	64QAM	36	0	21.16	21.35	21.01			
15	64QAM	36	20	21.24	21.09	21.31			
15	64QAM	36	39	21.00	21.16	21.08	20.7	5	
15	64QAM	75	0	21.22	21.25	21.22			
15	256QAM	1	0	18.98	19.22	18.87			
15	256QAM	1	37	19.03	19.00	18.89	20.7	5	
15	256QAM	1	74	18.83	19.12	19.10			
15	256QAM	36	0	19.04	19.04	19.07			
15	256QAM	36	20	19.16	19.18	19.05	20.7	5	
15	256QAM	36	39	18.95	19.08	19.07			
15	256QAM	75	0	18.97	19.02	18.91			
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3575	3595			
10	QPSK	1	0	24.34	24.34	24.37	25.7	0	
10	QPSK	1	25	24.16	24.19	24.14			
10	QPSK	1	49	24.23	24.23	24.19			
10	QPSK	25	0	23.07	23.22	23.02	24.7	1	
10	QPSK	25	12	23.15	23.23	23.10			
10	QPSK	25	25	23.00	23.25	23.05			
10	QPSK	50	0	23.15	23.30	23.21	24.7	1	
10	16QAM	1	0	23.14	23.35	23.47			
10	16QAM	1	25	23.24	23.09	23.05			
10	16QAM	1	49	23.15	23.26	23.19	23.7	2	
10	16QAM	25	0	22.10	22.08	22.05			
10	16QAM	25	12	22.21	22.24	22.21			
10	16QAM	25	25	21.98	22.30	22.15	23.7	2	
10	16QAM	50	0	22.29	22.30	22.22			
10	64QAM	1	0	22.36	22.51	22.19			
10	64QAM	1	25	22.23	22.33	22.12	23.7	2	
10	64QAM	1	49	22.19	22.31	22.13			
10	64QAM	25	0	21.17	21.27	21.06			
10	64QAM	25	12	21.23	21.14	21.25	22.7	3	
10	64QAM	25	25	21.08	21.22	21.08			
10	64QAM	50	0	21.28	21.25	21.27			
10	256QAM	1	0	18.95	19.22	18.84	20.7	5	
10	256QAM	1	25	19.04	19.00	18.91			
10	256QAM	1	49	18.88	19.15	19.06			
10	256QAM	25	0	19.09	19.10	19.08	20.7	5	
10	256QAM	25	12	19.16	19.19	18.96			
10	256QAM	25	25	18.98	19.10	18.98			
10	256QAM	50	0	19.02	19.09	18.89			
Channel				43115	43340	43555	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3575	3597.5			
5	QPSK	1	0	24.29	24.43	24.36	25.7	0	
5	QPSK	1	12	24.09	24.26	24.25			
5	QPSK	1	24	24.22	24.20	24.11			
5	QPSK	12	0	23.09	23.27	23.08	24.7	1	
5	QPSK	12	7	23.23	23.18	23.10			
5	QPSK	12	13	23.05	23.26	23.11			
5	QPSK	25	0	23.20	23.34	23.20	24.7	1	
5	16QAM	1	0	23.14	23.28	23.37			
5	16QAM	1	12	23.21	23.19	23.09			
5	16QAM	1	24	23.23	23.26	23.20	23.7	2	
5	16QAM	12	0	22.13	22.16	21.97			
5	16QAM	12	7	22.12	22.20	22.19			
5	16QAM	12	13	21.98	22.31	22.23	23.7	2	
5	16QAM	25	0	22.25	22.37	22.26			
5	64QAM	1	0	22.39	22.42	22.19			
5	64QAM	1	12	22.24	22.32	22.17	23.7	2	
5	64QAM	1	24	22.24	22.24	22.21			
5	64QAM	12	0	21.10	21.24	21.02			
5	64QAM	12	7	21.17	21.07	21.27	22.7	3	
5	64QAM	12	13	20.99	21.13	21.12			
5	64QAM	25	0	21.18	21.16	21.27			
5	256QAM	1	0	18.91	19.18	18.88	20.7	5	
5	256QAM	1	12	19.01	19.00	18.94			
5	256QAM	1	24	18.76	19.15	19.03			
5	256QAM	12	0	19.00	19.03	19.05	20.7	5	
5	256QAM	12	7	19.23	19.25	19.03			
5	256QAM	12	13	19.02	19.16	18.97			
5	256QAM	25	0	18.92	18.96	18.91			



Band 42 Part270 Ant11 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				43190	43340	43490			
Frequency (MHz)				3560	3575	3590			
20	QPSK	1	0	20.76	20.82	20.79	22.5	0	
20	QPSK	1	49	20.53	20.70	20.59			
20	QPSK	1	99	20.56	20.88	20.56			
20	QPSK	50	0	19.54	19.71	19.56	21.5	1	
20	QPSK	50	24	19.66	19.63	19.61			
20	QPSK	50	50	19.46	19.81	19.55			
20	QPSK	100	0	19.73	19.75	19.73			
20	16QAM	1	0	19.64	19.74	19.56	21.5	1	
20	16QAM	1	49	19.72	19.71	19.56			
20	16QAM	1	99	19.58	19.75	19.61			
20	16QAM	50	0	18.54	18.49	18.49	20.5	2	
20	16QAM	50	24	18.70	18.69	18.54			
20	16QAM	50	50	18.58	18.69	18.58			
20	16QAM	100	0	18.73	18.35	18.66			
20	64QAM	1	0	18.74	18.83	18.66	20.5	2	
20	64QAM	1	49	18.60	18.65	18.58			
20	64QAM	1	99	18.66	18.75	18.67			
20	64QAM	50	0	17.54	17.72	17.49	19.5	3	
20	64QAM	50	24	17.67	17.51	17.59			
20	64QAM	50	50	17.55	17.58	17.48			
20	64QAM	100	0	17.65	17.62	17.74			
20	256QAM	1	0	15.54	15.81	15.47	17.5	5	
20	256QAM	1	49	15.58	15.63	15.60			
20	256QAM	1	99	15.53	15.65	15.76			
20	256QAM	50	0	15.61	15.46	15.48	17.5	5	
20	256QAM	50	24	15.68	15.58	15.45			
20	256QAM	50	50	15.42	15.67	15.54			
20	256QAM	100	0	15.40	15.53	15.42			
Channel				43169	43310	43315	Tune-up limit	MPR	
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)	
15	QPSK	1	0	20.75	20.80	20.76	22.5	0	
15	QPSK	1	37	20.65	20.72	20.57			
15	QPSK	1	74	20.59	20.96	20.66			
15	QPSK	36	0	19.57	19.77	19.60	21.5	1	
15	QPSK	36	20	19.56	19.73	19.59			
15	QPSK	36	39	19.62	19.60	19.58			
15	QPSK	75	0	19.70	19.68	19.72			
15	16QAM	1	0	19.57	19.81	19.61	21.5	1	
15	16QAM	1	37	19.76	19.68	19.55			
15	16QAM	1	74	19.65	19.74	19.68			
15	16QAM	36	0	18.55	18.50	18.55	20.5	2	
15	16QAM	36	20	18.71	18.71	18.62			
15	16QAM	36	39	18.59	18.62	18.64			
15	16QAM	75	0	18.77	18.73	18.66			
15	64QAM	1	0	18.72	18.86	18.69	20.5	2	
15	64QAM	1	37	18.68	18.67	18.66			
15	64QAM	1	74	18.61	18.76	18.67			
15	64QAM	36	0	17.60	17.69	17.40	19.5	3	
15	64QAM	36	20	17.72	17.58	17.65			
15	64QAM	36	39	17.45	17.58	17.55			
15	64QAM	75	0	17.66	17.65	17.65			
15	256QAM	1	0	15.51	15.75	15.38	17.5	5	
15	256QAM	1	37	15.49	15.64	15.54			
15	256QAM	1	74	15.57	15.69	15.75			
15	256QAM	36	0	15.55	15.47	15.52	17.5	5	
15	256QAM	36	20	15.62	15.67	15.52			
15	256QAM	36	39	15.42	15.63	15.48			
15	256QAM	75	0	15.45	15.48	15.42			
Channel				43140	43340	43340	Tune-up limit	MPR	
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)	
10	QPSK	1	0	20.70	20.82	20.76	22.5	0	
10	QPSK	1	25	20.55	20.65	20.57			
10	QPSK	1	49	20.59	20.61	20.64			
10	QPSK	25	0	19.59	19.77	19.58	21.5	1	
10	QPSK	25	12	19.65	19.71	19.61			
10	QPSK	25	25	19.41	19.60	19.51			
10	QPSK	50	0	19.69	19.69	19.72			
10	16QAM	1	0	19.56	19.75	19.65	21.5	1	
10	16QAM	1	25	19.66	19.69	19.61			
10	16QAM	1	49	19.61	19.70	19.63			
10	16QAM	25	0	18.63	18.60	18.60	20.5	2	
10	16QAM	25	12	18.69	18.70	18.52			
10	16QAM	25	25	18.51	18.62	18.63			
10	16QAM	50	0	18.73	18.82	18.66			
10	64QAM	1	0	18.78	18.86	18.75	20.5	2	
10	64QAM	1	25	18.69	18.67	18.61			
10	64QAM	1	49	18.67	18.77	18.67			
10	64QAM	25	0	17.62	17.62	17.52	19.5	3	
10	64QAM	25	12	17.88	17.49	17.65			
10	64QAM	25	25	17.52	17.56	17.48			
10	64QAM	50	0	17.64	17.66	17.63			
10	256QAM	1	0	15.55	15.80	15.46	17.5	5	
10	256QAM	1	25	15.56	15.59	15.51			
10	256QAM	1	49	15.55	15.67	15.77			
10	256QAM	25	0	15.58	15.51	15.51	17.5	5	
10	256QAM	25	12	15.65	15.66	15.50			
10	256QAM	25	25	15.38	15.69	15.52			
10	256QAM	50	0	15.45	15.43	15.47			
Channel				43115	43340	43265	Tune-up limit	MPR	
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)	
5	QPSK	1	0	20.72	20.72	20.77	22.5	0	
5	QPSK	1	12	20.54	20.71	20.66			
5	QPSK	1	24	20.57	20.60	20.67			
5	QPSK	12	0	19.59	19.74	19.59	21.5	1	
5	QPSK	12	7	19.65	19.71	19.69			
5	QPSK	12	13	19.45	19.63	19.46			
5	QPSK	25	0	19.65	19.76	19.64			
5	16QAM	1	0	19.62	19.85	19.68	21.5	1	
5	16QAM	1	12	19.77	19.60	19.51			
5	16QAM	1	24	19.66	19.68	19.63			
5	16QAM	12	0	18.54	18.58	18.52	20.5	2	
5	16QAM	12	7	18.64	18.68	18.61			
5	16QAM	12	13	18.60	18.62	18.67			
5	16QAM	25	0	18.81	18.84	18.72			
5	64QAM	1	0	18.74	18.79	18.73	20.5	2	
5	64QAM	1	12	18.58	18.68	18.57			
5	64QAM	1	24	18.65	18.72	18.67			
5	64QAM	12	0	17.56	17.77	17.49	19.5	3	
5	64QAM	12	7	17.74	17.58	17.59			
5	64QAM	12	13	17.62	17.55	17.49			
5	64QAM	25	0	17.63	17.67	17.65			
5	256QAM	1	0	15.56	15.84	15.41	17.5	5	
5	256QAM	1	12	15.60	15.62	15.53			
5	256QAM	1	24	15.50	15.73	15.69			
5	256QAM	12	0	15.60	15.55	15.50	17.5	5	
5	256QAM	12	7	15.72	15.65	15.52			
5	256QAM	12	13	15.45	15.68	15.48			
5	256QAM	25	0	15.49	15.50	15.39			



Band 42 Part27O Ant12 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				43190	43340	43490				
Frequency (MHz)				3560	3575	3590				
20	QPSK	1	0	21.27	21.40	21.28	23	0		
20	QPSK	1	49	21.10	21.28	21.17				
20	QPSK	1	99	21.07	21.07	21.12				
20	QPSK	50	0	20.23	20.28	20.07	22	1		
20	QPSK	50	24	20.23	20.15	20.18				
20	QPSK	50	50	20.02	20.15	20.01				
20	QPSK	100	0	20.25	20.34	20.23	22	1		
20	16QAM	1	0	20.22	20.34	20.43				
20	16QAM	1	49	20.26	20.20	20.14				
20	16QAM	1	99	20.22	20.18	20.24	21	2		
20	16QAM	50	0	19.18	19.05	19.09				
20	16QAM	50	24	19.20	19.17	19.07				
20	16QAM	50	50	19.05	19.18	19.16	21	2		
20	16QAM	100	0	19.22	19.41	19.19				
20	64QAM	1	0	19.31	19.38	19.17				
20	64QAM	1	49	19.27	19.25	19.15	21	2		
20	64QAM	1	99	19.11	19.30	19.21				
20	64QAM	50	0	18.10	18.29	17.93				
20	64QAM	50	24	18.25	17.99	18.10	20	3		
20	64QAM	50	50	18.01	18.22	18.00				
20	64QAM	100	0	18.15	18.10	18.21				
20	256QAM	1	0	15.91	16.28	16.14	18	5		
20	256QAM	1	49	16.25	16.02	15.94				
20	256QAM	1	99	16.08	16.14	16.11				
20	256QAM	50	0	16.05	16.14	16.13	18	5		
20	256QAM	50	24	16.24	16.12	16.11				
20	256QAM	50	50	15.96	16.13	16.10				
20	256QAM	100	0	16.03	16.01	16.00				
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3567.5	3575	3592.5				
15	QPSK	1	0	21.16	21.35	21.38	23	0		
15	QPSK	1	37	21.05	21.25	21.16				
15	QPSK	1	74	21.10	21.12	21.12				
15	QPSK	36	0	20.18	20.31	20.16	22	1		
15	QPSK	36	20	20.22	20.15	20.05				
15	QPSK	36	39	19.97	20.18	20.01				
15	QPSK	75	0	20.13	20.29	20.23	22	1		
15	16QAM	1	0	20.18	20.29	20.50				
15	16QAM	1	37	20.23	20.19	20.07				
15	16QAM	1	74	20.12	20.23	20.19	21	2		
15	16QAM	36	0	19.14	19.13	19.03				
15	16QAM	36	20	19.26	19.20	19.10				
15	16QAM	36	39	19.10	19.18	19.21	21	2		
15	16QAM	75	0	19.27	19.37	19.22				
15	64QAM	1	0	19.25	19.42	19.16				
15	64QAM	1	37	19.21	19.19	19.19	21	2		
15	64QAM	1	74	19.09	19.28	19.23				
15	64QAM	36	0	18.11	18.27	18.00				
15	64QAM	36	20	18.22	17.96	18.11	20	3		
15	64QAM	36	39	17.97	18.15	18.04				
15	64QAM	75	0	18.16	18.12	18.23				
15	256QAM	1	0	15.94	16.28	16.14	18	5		
15	256QAM	1	37	16.01	15.97	15.95				
15	256QAM	1	74	15.99	16.04	16.05				
15	256QAM	36	0	16.10	16.12	15.95	18	5		
15	256QAM	36	20	16.14	16.07	16.04				
15	256QAM	36	39	15.94	16.24	16.09				
15	256QAM	75	0	15.94	15.96	15.95				
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3555	3575	3595				
10	QPSK	1	0	21.18	21.32	21.28	23	0		
10	QPSK	1	25	21.11	21.27	21.20				
10	QPSK	1	49	21.10	21.14	21.09				
10	QPSK	25	0	20.13	20.22	20.16	22	1		
10	QPSK	25	12	20.25	20.19	20.08				
10	QPSK	25	25	19.98	20.09	20.05				
10	QPSK	50	0	20.17	20.23	20.29	22	1		
10	16QAM	1	0	20.26	20.32	20.43				
10	16QAM	1	25	20.23	20.22	20.04				
10	16QAM	1	49	20.18	20.20	20.27	21	2		
10	16QAM	25	0	19.09	19.11	19.11				
10	16QAM	25	12	19.25	19.19	19.07				
10	16QAM	25	25	19.06	19.31	19.16	21	2		
10	16QAM	50	0	19.27	19.40	19.16				
10	64QAM	1	0	19.25	19.34	19.17				
10	64QAM	1	25	19.17	19.20	19.16	21	2		
10	64QAM	1	49	19.13	19.24	19.15				
10	64QAM	25	0	18.06	18.28	17.98				
10	64QAM	25	12	18.29	18.01	18.11	20	3		
10	64QAM	25	25	17.94	18.17	18.04				
10	64QAM	50	0	18.21	18.12	18.25				
10	256QAM	1	0	15.93	16.26	16.04	18	5		
10	256QAM	1	25	15.82	16.05	15.94				
10	256QAM	1	49	16.10	16.02	16.10				
10	256QAM	25	0	16.02	16.12	16.03	18	5		
10	256QAM	25	12	16.21	16.16	16.02				
10	256QAM	25	25	15.94	16.15	16.11				
10	256QAM	50	0	15.96	16.07	15.94				
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3562.5	3575	3597.5				
5	QPSK	1	0	21.24	21.40	21.29	23	0		
5	QPSK	1	12	21.01	21.23	21.17				
5	QPSK	1	24	21.11	21.09	21.15				
5	QPSK	12	0	20.20	20.22	20.16	22	1		
5	QPSK	12	7	20.26	20.16	20.07				
5	QPSK	12	13	19.91	20.12	20.02				
5	QPSK	25	0	20.16	20.29	20.21	22	1		
5	16QAM	1	0	20.25	20.35	20.43				
5	16QAM	1	12	20.30	20.11	20.14				
5	16QAM	1	24	20.12	20.20	20.20	21	2		
5	16QAM	12	0	19.11	19.01	19.10				
5	16QAM	12	7	19.29	19.23	19.05				
5	16QAM	12	13	19.02	19.26	19.17	21	2		
5	16QAM	25	0	19.18	19.34	19.24				
5	64QAM	1	0	19.27	19.35	19.12				
5	64QAM	1	12	19.28	19.21	19.15	21	2		
5	64QAM	1	24	19.20	19.24	19.11				
5	64QAM	12	0	18.11	18.31	18.02				
5	64QAM	12	7	18.27	18.02	18.19	20	3		
5	64QAM	12	13	17.93	18.18	18.02				
5	64QAM	25	0	18.14	18.11	18.28				
5	256QAM	1	0	15.93	16.26	16.11	18	5		
5	256QAM	1	12	15.95	15.93	15.93				
5	256QAM	1	24	16.03	16.06	16.02				
5	256QAM	12	0	16.09	16.03	15.97	18	5		
5	256QAM	12	7	16.23	16.11	16.09				
5	256QAM	12	13	15.98	16.15	16.11				
5	256QAM	25	0	15.96	16.02	15.90				



Band 42 Part270 Ant13 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				43190	43340	43490			
Frequency (MHz)				3560	3575	3590			
20	QPSK	1	0	24.17	24.33	24.22	25.7	0	
20	QPSK	1	49	23.99	24.16	23.97			
20	QPSK	1	99	23.95	24.09	24.09			
20	QPSK	50	0	22.85	23.04	22.83	24.7	1	
20	QPSK	50	24	22.87	22.97	22.85			
20	QPSK	50	50	22.84	22.86	22.81			
20	QPSK	100	0	22.82	22.95	22.91	24.7	1	
20	16QAM	1	0	22.98	23.25	23.11			
20	16QAM	1	49	23.04	22.85	23.00			
20	16QAM	1	99	22.86	23.01	22.96	23.7	2	
20	16QAM	50	0	21.82	21.79	21.73			
20	16QAM	50	24	21.98	21.89	21.75			
20	16QAM	50	50	21.71	21.95	21.88	22.7	3	
20	16QAM	100	0	21.93	22.11	22.02			
20	64QAM	1	0	21.97	22.05	21.85			
20	64QAM	1	49	22.00	21.89	21.84	23.7	2	
20	64QAM	1	99	21.83	21.96	21.98			
20	64QAM	50	0	20.80	21.05	20.71			
20	64QAM	50	24	20.91	20.84	20.95	20.7	5	
20	64QAM	50	50	20.83	20.96	20.74			
20	64QAM	100	0	20.92	20.99	21.04			
20	256QAM	1	0	18.70	19.02	18.77	20.7	5	
20	256QAM	1	49	18.73	18.77	18.63			
20	256QAM	1	99	18.74	18.67	18.77			
20	256QAM	50	0	18.89	18.99	18.76	20.7	5	
20	256QAM	50	24	18.91	18.78	18.77			
20	256QAM	50	50	18.68	18.99	18.74			
20	256QAM	100	0	18.75	18.81	18.68			
Channel				43165	43310	43315			
Frequency (MHz)				3557.5	3575	3592.5			
15	QPSK	1	0	24.08	24.26	24.27	25.7	0	
15	QPSK	1	37	23.94	24.18	24.06			
15	QPSK	1	74	23.91	24.07	24.10			
15	QPSK	36	0	22.91	22.97	22.88	24.7	1	
15	QPSK	36	20	22.91	22.95	22.83			
15	QPSK	36	39	22.62	22.95	22.79			
15	QPSK	75	0	22.81	23.05	22.91	24.7	1	
15	16QAM	1	0	22.96	23.24	23.17			
15	16QAM	1	37	22.93	22.83	23.07			
15	16QAM	1	74	22.92	22.94	22.97	23.7	2	
15	16QAM	36	0	21.77	21.77	21.81			
15	16QAM	36	20	22.05	21.84	21.75			
15	16QAM	36	39	21.75	21.99	21.89	23.7	2	
15	16QAM	75	0	22.02	22.14	21.92			
15	64QAM	1	0	21.97	22.12	21.84			
15	64QAM	1	37	21.88	21.86	21.89	22.7	3	
15	64QAM	1	74	21.81	21.95	21.90			
15	64QAM	36	0	20.84	21.10	20.77			
15	64QAM	36	20	20.98	20.75	20.95	20.7	5	
15	64QAM	36	39	20.82	20.97	20.73			
15	64QAM	75	0	21.01	20.94	20.95			
15	256QAM	1	0	18.67	19.09	18.89	20.7	5	
15	256QAM	1	37	18.62	18.78	18.63			
15	256QAM	1	74	18.77	18.66	18.75			
15	256QAM	36	0	18.79	19.02	18.78	20.7	5	
15	256QAM	36	20	18.86	18.86	18.78			
15	256QAM	36	39	18.74	19.01	18.77			
15	256QAM	75	0	18.78	18.90	18.62			
Channel				43140	43340	43540			
Frequency (MHz)				3555	3575	3595			
10	QPSK	1	0	24.14	24.24	24.18	25.7	0	
10	QPSK	1	25	24.00	24.18	23.99			
10	QPSK	1	49	24.00	24.06	24.05			
10	QPSK	25	0	22.85	23.06	22.93	24.7	1	
10	QPSK	25	12	22.94	23.00	22.90			
10	QPSK	25	25	22.70	22.87	22.85			
10	QPSK	50	0	22.84	23.01	22.82	24.7	1	
10	16QAM	1	0	22.89	23.15	23.10			
10	16QAM	1	25	23.01	22.91	23.06			
10	16QAM	1	49	22.88	23.00	22.90	23.7	2	
10	16QAM	25	0	21.81	21.73	21.77			
10	16QAM	25	12	22.07	21.97	21.81			
10	16QAM	25	25	21.75	21.99	21.79	22.7	3	
10	16QAM	50	0	22.00	22.06	22.01			
10	64QAM	1	0	21.99	22.10	21.85			
10	64QAM	1	25	22.00	21.97	21.89	20.7	5	
10	64QAM	1	49	21.85	22.00	21.89			
10	64QAM	25	0	20.78	21.03	20.79			
10	64QAM	25	12	20.93	20.64	20.91	20.7	5	
10	64QAM	25	25	20.77	20.97	20.72			
10	64QAM	50	0	21.02	20.97	21.00			
10	256QAM	1	0	18.74	19.03	18.80	20.7	5	
10	256QAM	1	25	18.62	18.73	18.74			
10	256QAM	1	49	18.81	18.74	18.85			
10	256QAM	25	0	18.86	18.93	18.72	20.7	5	
10	256QAM	25	12	18.94	18.77	18.83			
10	256QAM	25	25	18.74	18.99	18.69			
10	256QAM	50	0	18.71	18.90	18.65			
Channel				43115	43340	43565			
Frequency (MHz)				3552.5	3575	3597.5			
5	QPSK	1	0	24.15	24.33	24.20	25.7	0	
5	QPSK	1	12	23.99	24.19	23.97			
5	QPSK	1	24	23.92	24.07	24.02			
5	QPSK	12	0	22.91	23.03	22.84	24.7	1	
5	QPSK	12	7	22.84	22.98	22.87			
5	QPSK	12	13	22.68	22.94	22.80			
5	QPSK	25	0	22.89	22.98	22.81	24.7	1	
5	16QAM	1	0	23.00	23.16	23.20			
5	16QAM	1	12	23.00	22.90	22.98			
5	16QAM	1	24	22.97	23.01	22.86	23.7	2	
5	16QAM	12	0	21.84	21.81	21.76			
5	16QAM	12	7	21.97	21.85	21.76			
5	16QAM	12	13	21.82	22.01	21.81	22.7	3	
5	16QAM	25	0	21.94	22.08	21.97			
5	64QAM	1	0	22.06	22.14	21.85			
5	64QAM	1	12	22.01	21.86	21.93	20.7	5	
5	64QAM	1	24	21.91	21.99	21.95			
5	64QAM	12	0	20.85	21.02	20.81			
5	64QAM	12	7	21.00	20.72	20.87	20.7	5	
5	64QAM	12	13	20.80	20.92	20.75			
5	64QAM	25	0	20.99	20.98	20.97			
5	256QAM	1	0	18.74	19.07	18.86	20.7	5	
5	256QAM	1	12	18.89	18.74	18.66			
5	256QAM	1	24	18.82	18.64	18.80			
5	256QAM	12	0	18.88	18.99	18.73	20.7	5	
5	256QAM	12	7	18.93	18.84	18.81			
5	256QAM	12	13	18.67	19.03	18.67			
5	256QAM	25	0	18.88	18.80	18.63			

Reduced power level for WWAN

GSM850 Ant0 DS11

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6	33.50	824.2	836.4	848.6	24.50
GSM 1 Tx slot	32.20	32.15	32.17	33.50	23.20	23.15	23.17	24.50
GPRS 1 Tx slot	32.15	32.09	32.11	33.50	23.15	23.09	23.11	24.50
GPRS 2 Tx slots	29.44	29.30	29.14	30.50	23.44	23.30	23.14	24.50
GPRS 3 Tx slots	27.04	27.41	27.33	28.50	22.78	23.15	23.07	24.24
GPRS 4 Tx slots	25.82	25.88	25.79	27.50	22.82	22.88	22.79	24.50
EDGE 1 Tx slot	26.05	26.11	26.03	28.00	17.05	17.11	17.03	19.00
EDGE 2 Tx slots	23.23	23.11	23.15	24.50	17.23	17.11	17.15	18.50
EDGE 3 Tx slots	21.55	21.26	21.35	23.00	17.29	17.00	17.99	18.74
EDGE 4 Tx slots	20.10	19.82	19.89	21.50	17.10	16.82	16.89	18.50

WCDMA V Ant0 DS11

Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	23.88	23.90	23.80	25.00
3GPP Rel 99 RMC 12.2Kbps	23.89	23.92	23.82	25.00
3GPP Rel 6 HSDPA Subtest-1	22.97	22.99	22.78	24.00
3GPP Rel 6 HSDPA Subtest-2	22.91	22.86	22.83	24.00
3GPP Rel 6 HSDPA Subtest-3	22.43	22.39	22.21	23.50
3GPP Rel 6 HSDPA Subtest-4	22.29	22.49	22.42	23.50
3GPP Rel 6 DC-HSDPA Subtest-1	22.89	22.86	22.81	24.00
3GPP Rel 6 DC-HSDPA Subtest-2	22.99	22.91	22.82	24.00
3GPP Rel 6 DC-HSDPA Subtest-3	22.40	22.40	22.30	23.50
3GPP Rel 6 DC-HSDPA Subtest-4	22.39	22.47	22.26	23.50
3GPP Rel 6 HSUPA Subtest-1	22.96	22.85	22.80	24.00
3GPP Rel 6 HSUPA Subtest-2	20.96	21.02	20.92	22.00
3GPP Rel 6 HSUPA Subtest-3	21.92	21.87	21.94	23.00
3GPP Rel 6 HSUPA Subtest-4	20.97	20.83	20.78	22.00
3GPP Rel 6 HSUPA Subtest-5	22.91	22.97	22.84	24.00

