

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-R And Default						
System	Band Average Power (dBm)			Turn-up	Frame Average Power (dBm)	
TX Channel	824.2	836.4	848.8	1400	824.2	836.4
Frequency (MHz)				(dBm)		
GSM 1 Tx min	32.00	32.10	32.17	33.00	23.20	23.17
GSM 1 Tx max	33.10	33.00	33.11	33.00	23.10	23.11
GPRS 2 Tx min	29.84	29.30	29.14	30.00	23.44	23.14
GPRS 2 Tx max	27.04	27.41	27.33	28.00	23.70	23.07
GPRS 4 Tx min	26.82	26.86	26.79	27.00	22.82	22.79
EDGE 2 Tx min	26.00	26.11	26.03	26.00	17.00	17.11
EDGE 2 Tx max	23.23	23.11	23.10	24.00	17.23	17.10
EDGE 3 Tx min	21.00	21.20	21.30	23.00	17.20	17.00
EDGE 4 Tx min	20.10	19.82	19.80	21.00	17.10	16.82

WCDMA V And Default						
Band	WCDMA V			Turn-up	Linc	
TX Channel	4102	4102	4283			
Rx Channel	4307	4407	4485	(dBm)		
Frequency (MHz)	824.2	836.4	848.8			
SCPP Rule 0	23.10	23.20	23.10	25.00		
SCPP Rule 00	23.80	23.50	23.82	25.00		
SCPP Rule 0	22.07	22.09	22.78	24.00		
SCPP Rule 0	22.17	22.16	22.83	24.00		
SCPP Rule 0	22.43	22.30	22.21	23.00		
SCPP Rule 0	22.29	22.40	22.42	23.00		
SCPP Rule 0	22.80	22.80	22.81	24.00		
SCPP Rule 0	22.50	22.21	22.52	24.00		
SCPP Rule 0	22.40	22.40	22.30	23.00		
SCPP Rule 0	22.30	22.47	22.26	23.00		
SCPP Rule 0	22.30	22.30	22.30	24.00		
SCPP Rule 0	20.30	21.02	20.92	22.00		
SCPP Rule 0	21.80	21.87	21.84	23.00		
SCPP Rule 0	20.97	20.83	20.78	22.00		
SCPP Rule 0	22.91	22.97	22.84	24.00		

Band 4 Ant0 Default										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Line (mW)	Power Max (mW)	Power Peak (mW)	Turn-on Time (ms)	APRS (dB)		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.41	21.41	21.42				
10	QPSK	1	0	21.38	21.32	21.10		23	0	
15	QPSK	1	0	21.35	21.30	21.05				
20	QPSK	50	0	20.29	20.12	20.12				
25	QPSK	50	0	20.26	20.09	20.09				
30	QPSK	50	0	20.23	20.05	20.05				
35	QPSK	50	0	20.20	20.02	20.02				
40	QPSK	50	0	20.17	20.00	20.00				
45	QPSK	100	0	20.14	20.00	20.00				
50	QPSK	1	0	20.11	20.01	20.00				
55	QPSK	1	0	20.08	20.00	20.00				
60	QPSK	1	0	20.05	20.00	20.00				
65	QPSK	1	0	20.02	20.00	20.00				
70	QPSK	50	0	19.99	19.90	19.94				
75	QPSK	50	0	19.96	19.86	19.91				
80	QPSK	50	0	19.93	19.83	19.88				
85	QPSK	50	0	19.90	19.80	19.85				
90	QPSK	50	0	19.87	19.77	19.82				
95	QPSK	100	0	19.84	19.79	19.81				
100	QPSK	1	0	19.81	19.79	19.81				
105	QPSK	1	0	19.78	19.79	19.81				
110	QPSK	1	0	19.75	19.79	19.81				
115	QPSK	50	0	19.72	19.62	19.67				
120	QPSK	50	0	19.69	19.59	19.64				
125	QPSK	50	0	19.66	19.56	19.61				
130	QPSK	50	0	19.63	19.53	19.58				
135	QPSK	50	0	19.60	19.50	19.55				
140	QPSK	50	0	19.57	19.47	19.52				
145	QPSK	100	0	19.54	19.49	19.51				
150	QPSK	1	0	19.51	19.49	19.51				
155	QPSK	1	0	19.48	19.49	19.51				
160	QPSK	1	0	19.45	19.49	19.51				
165	QPSK	50	0	19.42	19.32	19.37				
170	QPSK	50	0	19.39	19.29	19.34				
175	QPSK	50	0	19.36	19.26	19.31				
180	QPSK	50	0	19.33	19.23	19.28				
185	QPSK	50	0	19.30	19.20	19.25				
190	QPSK	50	0	19.27	19.17	19.22				
195	QPSK	100	0	19.24	19.19	19.21				
200	QPSK	1	0	19.21	19.19	19.21				
205	QPSK	1	0	19.18	19.19	19.21				
210	QPSK	1	0	19.15	19.19	19.21				
215	QPSK	50	0	19.12	19.02	19.07				
220	QPSK	50	0	19.09	18.99	19.04				
225	QPSK	50	0	19.06	18.96	19.01				
230	QPSK	50	0	19.03	18.93	18.98				
235	QPSK	50	0	19.00	18.90	18.95				
240	QPSK	50	0	18.97	18.87	18.92				
245	QPSK	100	0	18.94	18.89	18.91				
250	QPSK	1	0	18.91	18.89	18.91				
255	QPSK	1	0	18.88	18.89	18.91				
260	QPSK	1	0	18.85	18.89	18.91				
265	QPSK	50	0	18.82	18.72	18.77				
270	QPSK	50	0	18.79	18.69	18.74				
275	QPSK	50	0	18.76	18.66	18.71				
280	QPSK	50	0	18.73	18.63	18.68				
285	QPSK	50	0	18.70	18.60	18.65				
290	QPSK	50	0	18.67	18.57	18.62				
295	QPSK	100	0	18.64	18.59	18.61				
300	QPSK	1	0	18.61	18.59	18.61				
305	QPSK	1	0	18.58	18.59	18.61				
310	QPSK	1	0	18.55	18.59	18.61				
315	QPSK	50	0	18.52	18.42	18.47				
320	QPSK	50	0	18.49	18.39	18.44				
325	QPSK	50	0	18.46	18.36	18.41				
330	QPSK	50	0	18.43	18.33	18.38				
335	QPSK	50	0	18.40	18.30	18.35				
340	QPSK	50	0	18.37	18.27	18.32				
345	QPSK	100	0	18.34	18.29	18.31				
350	QPSK	1	0	18.31	18.29	18.31				
355	QPSK	1	0	18.28	18.29	18.31				
360	QPSK	1	0	18.25	18.29	18.31				
365	QPSK	50	0	18.22	18.12	18.17				
370	QPSK	50	0	18.19	18.09	18.14				
375	QPSK	50	0	18.16	18.06	18.11				
380	QPSK	50	0	18.13	18.03	18.08				
385	QPSK	50	0	18.10	18.00	18.05				
390	QPSK	50	0	18.07	17.97	18.02				
395	QPSK	100	0	18.04	17.99	18.01				
400	QPSK	1	0	18.01	17.99	18.01				
405	QPSK	1	0	17.98	17.99	18.01				
410	QPSK	1	0	17.95	17.99	18.01				
415	QPSK	50	0	17.92	17.82	17.87				
420	QPSK	50	0	17.89	17.79	17.84				
425	QPSK	50	0	17.86	17.76	17.81				
430	QPSK	50	0	17.83	17.73	17.78				
435	QPSK	50	0	17.80	17.70	17.75				
440	QPSK	50	0	17.77	17.67	17.72				
445	QPSK	100	0	17.74	17.69	17.71				
450	QPSK	1	0	17.71	17.69	17.71				
455	QPSK	1	0	17.68	17.69	17.71				
460	QPSK	1	0	17.65	17.69	17.71				
465	QPSK	50	0	17.62	17.52	17.57				
470	QPSK	50	0	17.59	17.49	17.54				
475	QPSK	50	0	17.56	17.46	17.51				
480	QPSK	50	0	17.53	17.43	17.48				
485	QPSK	50	0	17.50	17.40	17.45				
490	QPSK	50	0	17.47	17.37	17.42				
495	QPSK	100	0	17.44	17.39	17.41				
500	QPSK	1	0	17.41	17.39	17.41				
505	QPSK	1	0	17.38	17.39	17.41				
510	QPSK	1	0	17.35	17.39	17.41				
515	QPSK	50	0	17.32	17.22	17.27				
520	QPSK	50	0	17.29	17.19	17.24				
525	QPSK	50	0	17.26	17.16	17.21				
530	QPSK	50	0	17.23	17.13	17.18				
535	QPSK	50	0	17.20	17.10	17.15				
540	QPSK	50	0	17.17	17.07	17.12				
545	QPSK	100	0	17.14	17.09	17.11				
550	QPSK	1	0	17.11	17.09	17.11				
555	QPSK	1	0	17.08	17.09	17.11				
560	QPSK	1	0	17.05	17.09	17.11				
565	QPSK	50	0	17.02	16.92	16.97				
570	QPSK	50	0	16.99	16.89	16.94				
575	QPSK	50	0	16.96	16.86	16.91				
580	QPSK	50	0	16.93	16.83	16.88				
585	QPSK	50	0	16.90	16.80	16.85				
590	QPSK	50	0	16.87	16.77	16.82				
595	QPSK	100	0	16.84	16.79	16.81				
600	QPSK	1	0	16.81	16.79	16.81				
605	QPSK	1	0	16.78	16.79	16.81				
610	QPSK	1	0	16.75	16.79	16.81				
615	QPSK	50	0	16.72	16.62	16.67				
620	QPSK	50	0	16.69	16.59	16.64				
625	QPSK	50	0	16.66	16.56	16.61				
630	QPSK	50	0	16.63	16.53	16.58				
635	QPSK	50	0	16.60	16.50	16.55				
640	QPSK	50	0	16.57	16.47	16.52				
645	QPSK	100	0	16.54	16.49	16.51				
650	QPSK	1	0	16.51	16.49	16.51				
655	QPSK	1	0	16.48	16.49	16.51				
660	QPSK	1	0	16.45	16.49	16.51				
665	QPSK	50	0	16.42	16.32	16.37				
670	QPSK	50	0	16.39	16.29	16.34				
675	QPSK	50	0	16.36	16.26	16.31				
680	QPSK	50	0	16.33	16.23	16.28				
685	QPSK	50	0	16.30	16.20	16.25				
690	QPSK	50	0	16.27	16.17	16.22				
695	QPSK	100	0	16.24	16.19	16.21				
700	QPSK	1	0	16.21	16.19	16.21				
705	QPSK	1	0	16.18	16.19	16.21				
710	QPSK	1	0	16.15	16.19	16.21				
715	QPSK	50	0	16.12	16.02	16.07				
720	QPSK	50	0	16.09	15.99	16.04				
725	QPSK	50	0	16.06	15.96	16.01				
730	QPSK	50	0	16.03	15.93	15.98				
735	QPSK	50	0	16.00	15.90	15.95				
740	QPSK	50	0	15.97	15.87	15.92				
745	QPSK	100	0	15.94	15.89	15.91				
750	QPSK	1								

Band 13 AR10 Default									
Slot (MHz)	Modulation	RB Size	RB Offset	Power Max (dBm)	Power Min (dBm)	Power Max (dBm)	Power Min (dBm)	Transmit Power (dBm)	RBFS
Frequency (MHz)									
5	QPSK	1	0	24.50				24.5	0
5	QPSK	1	1	24.53					
5	QPSK	1	2	24.56					
5	QPSK	1	3	24.59					
5	QPSK	1	4	24.62					
5	QPSK	1	5	24.65					
5	QPSK	1	6	24.68					
5	QPSK	1	7	24.71					
5	QPSK	1	8	24.74					
5	QPSK	1	9	24.77					
5	QPSK	1	10	24.80					
5	QPSK	1	11	24.83					
5	QPSK	1	12	24.86					
5	QPSK	1	13	24.89					
5	QPSK	1	14	24.92					
5	QPSK	1	15	24.95					
5	QPSK	1	16	24.98					
5	QPSK	1	17	25.01					
5	QPSK	1	18	25.04					
5	QPSK	1	19	25.07					
5	QPSK	1	20	25.10					
5	QPSK	1	21	25.13					
5	QPSK	1	22	25.16					
5	QPSK	1	23	25.19					
5	QPSK	1	24	25.22					
5	QPSK	1	25	25.25					
5	QPSK	1	26	25.28					
5	QPSK	1	27	25.31					
5	QPSK	1	28	25.34					
5	QPSK	1	29	25.37					
5	QPSK	1	30	25.40					
5	QPSK	1	31	25.43					
5	QPSK	1	32	25.46					
5	QPSK	1	33	25.49					
5	QPSK	1	34	25.52					
5	QPSK	1	35	25.55					
5	QPSK	1	36	25.58					
5	QPSK	1	37	25.61					
5	QPSK	1	38	25.64					
5	QPSK	1	39	25.67					
5	QPSK	1	40	25.70					
5	QPSK	1	41	25.73					
5	QPSK	1	42	25.76					
5	QPSK	1	43	25.79					
5	QPSK	1	44	25.82					
5	QPSK	1	45	25.85					
5	QPSK	1	46	25.88					
5	QPSK	1	47	25.91					
5	QPSK	1	48	25.94					
5	QPSK	1	49	25.97					
5	QPSK	1	50	26.00					
5	QPSK	1	51	26.03					
5	QPSK	1	52	26.06					
5	QPSK	1	53	26.09					
5	QPSK	1	54	26.12					
5	QPSK	1	55	26.15					
5	QPSK	1	56	26.18					
5	QPSK	1	57	26.21					
5	QPSK	1	58	26.24					
5	QPSK	1	59	26.27					
5	QPSK	1	60	26.30					
5	QPSK	1	61	26.33					
5	QPSK	1	62	26.36					
5	QPSK	1	63	26.39					
5	QPSK	1	64	26.42					
5	QPSK	1	65	26.45					
5	QPSK	1	66	26.48					
5	QPSK	1	67	26.51					
5	QPSK	1	68	26.54					
5	QPSK	1	69	26.57					
5	QPSK	1	70	26.60					
5	QPSK	1	71	26.63					
5	QPSK	1	72	26.66					
5	QPSK	1	73	26.69					
5	QPSK	1	74	26.72					
5	QPSK	1	75	26.75					
5	QPSK	1	76	26.78					
5	QPSK	1	77	26.81					
5	QPSK	1	78	26.84					
5	QPSK	1	79	26.87					
5	QPSK	1	80	26.90					
5	QPSK	1	81	26.93					
5	QPSK	1	82	26.96					
5	QPSK	1	83	26.99					
5	QPSK	1	84	27.02					
5	QPSK	1	85	27.05					
5	QPSK	1	86	27.08					
5	QPSK	1	87	27.11					
5	QPSK	1	88	27.14					
5	QPSK	1	89	27.17					
5	QPSK	1	90	27.20					
5	QPSK	1	91	27.23					
5	QPSK	1	92	27.26					
5	QPSK	1	93	27.29					
5	QPSK	1	94	27.32					
5	QPSK	1	95	27.35					
5	QPSK	1	96	27.38					
5	QPSK	1	97	27.41					
5	QPSK	1	98	27.44					
5	QPSK	1	99	27.47					
5	QPSK	1	100	27.50					
5	QPSK	1	101	27.53					
5	QPSK	1	102	27.56					
5	QPSK	1	103	27.59					
5	QPSK	1	104	27.62					
5	QPSK	1	105	27.65					
5	QPSK	1	106	27.68					
5	QPSK	1	107	27.71					
5	QPSK	1	108	27.74					
5	QPSK	1	109	27.77					
5	QPSK	1	110	27.80					
5	QPSK	1	111	27.83					
5	QPSK	1	112	27.86					
5	QPSK	1	113	27.89					
5	QPSK	1	114	27.92					
5	QPSK	1	115	27.95					
5	QPSK	1	116	27.98					
5	QPSK	1	117	28.01					
5	QPSK	1	118	28.04					
5	QPSK	1	119	28.07					
5	QPSK	1	120	28.10					
5	QPSK	1	121	28.13					
5	QPSK	1	122	28.16					
5	QPSK	1	123	28.19					
5	QPSK	1	124	28.22					
5	QPSK	1	125	28.25					
5	QPSK	1	126	28.28					
5	QPSK	1	127	28.31					
5	QPSK	1	128	28.34					
5	QPSK	1	129	28.37					
5	QPSK	1	130	28.40					
5	QPSK	1	131	28.43					
5	QPSK	1	132	28.46					
5	QPSK	1	133	28.49					
5	QPSK	1	134	28.52					
5	QPSK	1	135	28.55					
5	QPSK	1	136	28.58					
5	QPSK	1	137	28.61					
5	QPSK	1	138	28.64					
5	QPSK	1	139	28.67					
5	QPSK	1	140	28.70					
5	QPSK	1	141	28.73					
5	QPSK	1	142	28.76					
5	QPSK	1	143	28.79					
5	QPSK	1	144	28.82					
5	QPSK	1	145	28.85					
5	QPSK	1	146	28.88					
5	QPSK	1	147	28.91					
5	QPSK	1	148	28.94					
5	QPSK	1	149	28.97					
5	QPSK	1	150	29.00					
5	QPSK	1	151	29.03					
5	QPSK	1	152	29.06					
5	QPSK	1	153	29.09					
5	QPSK	1	154	29.12					
5	QPSK	1	155	29.15					
5	QPSK	1	156	29.18					
5	QPSK	1	157	29.21					
5	QPSK	1	158	29.24					
5	QPSK	1	159	29.27					
5	QPSK	1	160	29.30					
5	QPSK	1	161	29.33					
5	QPSK	1	162	29.36					
5	QPSK	1	163	29.39					
5	QPSK	1	164	29.42					
5	QPSK	1	165	29.45					
5	QPSK	1	166	29.48					
5	QPSK	1	167	29.51					
5	QPSK	1	168	29.54					
5	QPSK	1	169	29.57					
5	QPSK	1	170	29.60					
5	QPSK	1	171	29.63					
5	QPSK	1	172	29.66					
5	QPSK	1	173	29.69					
5	QPSK	1	174	29.72					
5	QPSK	1	175	29.75					
5	QPSK	1	176	29.78					
5	QPSK	1	177	29.81					
5	QPSK	1	178	29.84					
5	QPSK	1	179	29.87					
5	QPSK	1	180	29.90					
5	QPSK	1	181	29.93					
5	QPSK	1	182	29.96					
5	QPSK	1	183	29.99					
5	QPSK	1	184	30.02					
5	QPSK	1	185	30.05					
5	QPSK	1	186	30.08					
5	QPSK	1	187	30.11					
5	QPSK	1	188	30.14					
5	QPSK	1	189	30.17					
5	QPSK	1	190	30.20					
5	QPSK	1	191	30.23					
5	QPSK	1	192	30.26					
5	QPSK	1	193	30.29					
5	QPSK	1	194	30.32					
5	QPSK	1	195	30.35					
5	QPSK	1	196	30.38					
5	QPSK	1	197	30.41					
5	QPSK	1	198	30.44					
5	QPSK	1							

Band 7 AnE0 Default									
5G NR	Modulation	RB Size	15 kHz	Power (mW)	Power (mW)	Power (mW)	Transmit Power	RBFS	Notes
Frequency (MHz)									
5	QPSK	1	8	24.05	24.07	24.10	24.5	8	
5	QPSK	1	8	24.05	24.07	24.10	24.5	8	
5	QPSK	1	8	24.05	24.07	24.10	24.5	8	
5	QPSK	25	6	24.16	24.16	24.16	24.5	25	
5	QPSK	10	6	24.16	24.16	24.16	24.5	10	
5	QPSK	25	6	24.16	24.16	24.16	24.5	25	
5	QPSK	50	6	24.16	24.16	24.16	24.5	50	
5	QPSK	100	6	24.16	24.16	24.16	24.5	100	
5	16QAM	1	25	23.20	23.18	23.18	24.5	1	
5	16QAM	1	25	23.20	23.18	23.18	24.5	1	
5	16QAM	1	68	23.13	23.01	23.06	24.5	1	
5	16QAM	1	68	23.13	23.01	23.06	24.5	1	
5	16QAM	25	12	23.33	23.30	23.30	24.5	25	
5	16QAM	25	12	23.36	23.15	23.16	24.5	25	
5	16QAM	1	25	23.17	23.17	23.16	24.5	1	
5	16QAM	1	25	23.17	23.17	23.16	24.5	1	
5	16QAM	25	9	23.17	23.22	23.20	24.5	25	
5	16QAM	25	9	23.17	23.22	23.20	24.5	25	
5	16QAM	25	9	23.17	23.22	23.20	24.5	25	
5	16QAM	25	12	23.28	23.22	23.20	24.5	25	
5	16QAM	50	10	23.28	23.22	23.22	24.5	50	
5	16QAM	50	10	23.28	23.22	23.22	24.5	50	
5	256QAM	1	8	19.08	19.26	19.08	20.5	8	
5	256QAM	1	25	19.08	19.26	19.07	20.5	25	
5	256QAM	1	25	19.08	19.26	19.08	20.5	25	
5	256QAM	1	25	19.08	19.26	19.08	20.5	25	
5	256QAM	1	16	19.40	19.21	19.16	20.5	16	
5	256QAM	1	16	19.40	19.21	19.16	20.5	16	
5	256QAM	1	16	19.40	19.21	19.16	20.5	16	
5	256QAM	1	16	19.40	19.21	19.16	20.5	16	
5	256QAM	1	16	19.40	19.21	19.16	20.5	16	
Channel Bandwidth (MHz)									
5	QPSK	1	8	24.05	24.07	24.10	24.5	8	
5	QPSK	1	8	24.05	24.07	24.10	24.5	8	
5	QPSK	1	16	24.16	24.16	24.16	24.5	16	
5	QPSK	12	6	24.16	24.16	24.16	24.5	12	
5	QPSK	12	6	24.16	24.16	24.16	24.5	12	
5	QPSK	12	6	24.16	24.16	24.16	24.5	12	
5	QPSK	12	6	24.16	24.16	24.16	24.5	12	
5	QPSK	25	6	24.17	24.17	24.16	24.5	25	
5	16QAM	1	8	23.08	23.23	23.17	24.5	8	
5	16QAM	1	8	23.08	23.23	23.17	24.5	8	
5	16QAM	1	24	23.17	23.22	23.22	24.5	24	
5	16QAM	12	6	24.16	24.16	24.16	24.5	12	
5	16QAM	12	6	24.16	24.16	24.16	24.5	12	
5	16QAM	12	13	24.31	24.26	24.26	24.5	13	
5	16QAM	25	6	24.16	24.00	24.00	24.5	25	
5	16QAM	50	10	24.16	24.00	24.00	24.5	50	
5	16QAM	1	12	23.16	23.16	23.15	24.5	1	
5	16QAM	1	24	23.17	23.17	23.11	24.5	1	
5	16QAM	1	24	23.17	23.17	23.11	24.5	1	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	
5	16QAM	12	7	24.16	24.00	24.00	24.5	12	</

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Band 38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Ch / Freq	Power High Ch / Freq	Turn-up limit (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.41	21.58	21.40	23	0	
20	QPSK	1	48	21.49	21.53	21.50			
20	QPSK	1	96	21.49	21.53	21.50			
20	QPSK	50	24	20.58	20.58	20.53	22	1	
20	QPSK	50	72	20.53	20.57	20.57			
20	QPSK	50	24	20.58	20.55	20.53			
20	16QAM	1	48	20.44	20.47	20.49	22	1	
20	16QAM	1	48	20.60	20.65	20.64			
20	16QAM	1	96	20.57	20.59	20.49			
20	16QAM	50	0	19.52	19.54	19.47	21	2	
20	16QAM	50	24	19.60	19.60	19.53			
20	16QAM	50	24	19.57	19.57	19.57			
20	16QAM	100	0	19.55	19.55	19.49	21	2	
20	16QAM	100	0	19.59	19.58	19.48			
20	16QAM	1	48	19.58	19.63	19.64			
20	64QAM	1	96	18.45	18.53	18.51	20	3	
20	64QAM	50	0	18.33	18.54	18.47			
20	64QAM	50	24	18.51	18.50	18.52			
20	64QAM	50	50	18.55	18.57	18.58	18	5	
20	64QAM	100	0	18.55	18.57	18.48			
20	256QAM	1	48	18.43	18.45	18.46			
20	256QAM	1	96	18.48	18.58	18.56	18	5	
20	256QAM	50	0	18.58	18.54	18.46			
20	256QAM	50	24	18.57	18.57	18.54			
20	256QAM	50	50	18.64	18.59	18.55	20	2	
20	256QAM	100	0	18.50	18.47	18.45			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.22	21.51	21.74	23	0	
15	QPSK	1	37	21.32	21.43	21.51			
15	QPSK	1	74	21.50	21.55	21.54			
15	QPSK	36	0	20.44	20.38	20.33	22	1	
15	QPSK	36	36	20.54	20.42	20.39			
15	QPSK	75	0	20.47	20.51	20.46			
15	16QAM	1	4	20.28	20.46	20.50	22	1	
15	16QAM	1	37	20.57	20.65	20.46			
15	16QAM	1	74	20.54	20.41	20.43			
15	16QAM	36	0	19.31	19.49	19.49	21	2	
15	16QAM	36	36	19.37	19.48	19.40			
15	16QAM	36	36	19.39	19.38	19.47			
15	16QAM	75	0	19.25	19.31	19.29	21	2	
15	64QAM	1	0	19.25	19.31	19.29			
15	64QAM	1	37	19.31	19.44	19.45			
15	64QAM	1	74	19.43	19.38	19.48	20	3	
15	64QAM	36	0	18.34	18.54	18.46			
15	64QAM	36	36	18.37	18.43	18.39			
15	64QAM	36	36	18.45	18.41	18.47	18	5	
15	64QAM	75	0	18.51	18.52	18.45			
15	256QAM	1	0	18.39	18.46	18.40			
15	256QAM	1	37	18.38	18.48	18.47	18	5	
15	256QAM	36	0	18.43	18.37	18.34			
15	256QAM	36	24	18.39	18.38	18.39			
15	256QAM	36	36	18.50	18.50	18.61	20	2	
15	256QAM	15	0	18.35	18.40	18.40			
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.29	21.37	21.34	23	0	
10	QPSK	1	25	21.36	21.57	21.54			
10	QPSK	1	48	21.33	21.33	21.41			
10	QPSK	25	0	20.53	20.56	20.57	22	1	
10	QPSK	25	25	20.54	20.60	20.59			
10	QPSK	25	25	20.39	20.49	20.57			
10	16QAM	1	0	20.33	20.48	20.42	22	1	
10	16QAM	1	48	20.38	20.57	20.51			
10	16QAM	25	0	19.40	19.56	19.36			
10	16QAM	25	25	19.44	19.38	19.36	21	2	
10	16QAM	25	25	19.43	19.48	19.43			
10	64QAM	1	0	19.37	19.37	19.26			
10	64QAM	1	24	19.56	19.51	19.42	21	2	
10	64QAM	1	48	19.45	19.41	19.33			
10	64QAM	25	0	18.45	18.60	18.30	20	3	
10	64QAM	25	25	18.59	18.52	18.48			
10	64QAM	50	0	18.42	18.55	18.34			
10	256QAM	1	0	18.48	18.48	18.30	18	5	
10	256QAM	1	48	18.37	18.33	18.31			
10	256QAM	25	0	18.50	18.51	18.35			
10	256QAM	25	12	18.37	18.34	18.27	18	5	
10	256QAM	25	25	18.40	18.40	18.54			
10	256QAM	50	0	18.39	18.48	18.38			
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.77	20.90	20.25	23	0	
5	QPSK	1	24	21.42	21.39	21.23			
5	QPSK	12	7	20.43	20.47	20.35	22	1	
5	QPSK	12	7	20.36	20.36	20.40			
5	QPSK	12	7	20.35	20.35	20.46			
5	16QAM	1	0	20.41	20.38	20.34	22	1	
5	16QAM	1	12	20.61	20.51	20.47			
5	16QAM	1	24	20.38	20.38	20.27			
5	16QAM	12	7	19.42	19.46	19.45	21	2	
5	16QAM	12	12	19.57	19.56	19.48			
5	16QAM	25	0	19.45	19.53	19.46			
5	64QAM	1	0	19.23	19.22	19.36	21	2	
5	64QAM	1	24	19.47	19.38	19.51			
5	64QAM	12	0	18.46	18.47	18.53			
5	64QAM	12	7	18.48	18.56	18.34	20	3	
5	64QAM	12	12	18.55	18.50	18.53			
5	64QAM	25	0	18.43	18.38	18.27			
5	256QAM	1	0	18.50	18.41	18.36	18	5	
5	256QAM	1	12	18.41	18.47	18.55			
5	256QAM	1	24	18.52	18.47	18.44			
5	256QAM	12	0	18.42	18.59	18.35	18	5	
5	256QAM	12	7	18.17	18.21	18.26			
5	256QAM	12	12	18.46	18.33	18.04			
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 Low Mid Ch / Freq	Power High Ch / Freq	Power High Mid Ch / Freq	Turn-up limit (dBm)	MPE (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	22.06	22.11	22.16	22.18	22.33	23	0	
20	QPSK	1	48	22.13	22.19	22.17	22.19	22.33			
20	QPSK	1	96	22.04	22.08	22.27	22.15	22.34			
20	QPSK	50	24	21.12	21.16	21.16	21.16	21.24	22	1	
20	QPSK	50	72	21.19	21.27	21.21	21.18	21.28			
20	QPSK	50	120	21.12	21.15	21.38	21.14	21.28			
20	16QAM	1	48	21.25	21.46	21.32	21.36	21.41	22	1	
20	16QAM	1	96	20.99	20.93	20.92	20.95	21.01			
20	16QAM	1	144	20.96	21.03	21.10	20.95	21.16			
20	16QAM	50	0	20.26	20.24	20.24	20.24	20.47	21	2	
20	16QAM	50	24	20.19	20.18	20.18	20.19	20.47			
20	16QAM	50	48	20.11	20.16	20.17	20.18	20.48			
20	16QAM	100	0	20.17	20.21	20.21	20.09	20.38	21	2	
20	16QAM	100	24	20.11	20.16	20.17	20.18	20.48			
20	64QAM	1	48	20.18	20.05	20.03	20.18	20.43			
20	64QAM	1	96	20.05	20.09	20.13	20.24	20.43	20	3	
20	64QAM	50	0	19.90	19.93	19.93	19.93	20.43			
20	64QAM	50	24	19.26	19.12	19.26	19.26	20.43			
20	64QAM	100	0	19.26	19.19	19.33	19.19	19.47	18	5	
20	256QAM	1	48	17.30	17.28	17.10	17.19	17.35			
20	256QAM	1	96	17.15	17.80	17.12	17.10	17.47			
20	256QAM	50	0	17.15	17.12	17.16	17.10	17.46	18	5	
20	256QAM	50	24	17.22	17.21	17.19	17.15	17.28			
20	256QAM	100	0	17.21	17.17	17.14	17.10	17.46			
20	256QAM	100	24	17.27	17.40	17.39	17.34	17.47	Turn-up limit (dBm)	MPE (dB)	
Frequency (MHz)											
15	QPSK	1	0	22.03	22.03	22.03	22.17	22.23			23.00
15	QPSK	1	37	22.06	22.07	21.89	22.11	22.23			
15	QPSK	1	74	21.98	21.93	22.17	22.02	22.23			
15	QPSK	50	24	21.06	21.03	21.03	21.03	21.13	22	1	
15	QPSK	50	72	21.07	21.13	21.11	21.03	21.45			
15	QPSK	50	110	21.06	21.12	21.05	21.12	21.27			
15	QPSK	100	0	21.00	21.07	21.13	21.07	21.33	22	1	
15	QPSK	100	24	21.07	21.01	21.08	21.03	21.17			
15	QPSK	100	48	20.88	20.88	20.88	21.10	21.10			
15	16QAM	1	37	20.89	20.91	21.01	20.86	21.07	21	2	
15	16QAM	1	74	20.91	20.93	20.88	20.93	21.07			
15	16QAM	1	111	20.91	20.93	20.12	20.86	21.07			
15	16QAM	50	0	20.11	20.09	20.12	20.06	20.38	21	2	
15	16QAM	50	24	20.11	20.09	20.12	20.06	20.38			
15	16QAM	50	48	20.11	20.09	20.12	20.06	20.38			
15	16QAM	100	0	20.11	20.09	20.12	20.06	20.38	21	2	
15	16QAM	100	24	20.11	20.09	20.12	20.06	20.38			
15	16QAM	100	48	20.11	20.09	20.12	20.06	20.38			
15	64QAM	1	37	19.26	19.27	19.15	19.22	19.56	20	3	
15	64QAM	1	74	19.26	19.27	19.15	19.22	19.56			
15	64QAM	1	111	19.26	19.27	19.15	19.22	19.56			
15	64QAM	50	0	18.07	18.15	18.20	18.19	18.50	18	5	
15	64QAM	50	24	17.20	17.22	17.21	17.21	17.23			
15	256QAM	1	37	17.14	17.13	17.11	17.10	17.35			
15	256QAM	1	74	17.23	17.21	17.19	17.19	17.35	18	5	
15	256QAM	50	0	17.00	17.11	17.13	17.01	17.26			
15	256QAM	50	24	17.00	17.00	17.14	17.00	17.26			
15	256QAM	100	0	17.17	17.22	17.20	17.08	17.26	Turn-up limit (dBm)	MPE (dB)	
15	256QAM	100	24	17.00	17.20	17.17	17.04	17.21			
15	256QAM	100	48	17.00	17.20	17.17	17.04	17.21			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.20	22.07	21.99	22.09	22.23	23.00	0	
5	QPSK	1	28	22.04	22.07	21.99	22.11	22.27			
5	QPSK	1	56	22.04	22.07	21.99	22.11	22.27			
5	QPSK	25	0	21.16	21.01	21.09	21.06	21.34	22	1	
5	QPSK	25	12	21.16	21.14	21.14	21.14	21.31			
5	QPSK	25	24	21.13	21.13	21.05	21.05	21.37			
5	QPSK	50	0	21.06	21.01	21.13	21.06	21.31	21	2	
5	QPSK	50	12	21.15	21.05	21.13	21.05	21.31			
5	QPSK	50	24	21.15	21.05	21.13	21.05	21.31			
5	16QAM	1	28	20.94	20.89	20.81	21.01	21.10	20	3	
5	16QAM	1	56	20.94	20.89	20.81	21.01	21.10			
5	16QAM	1	84	20.94	20.89	20.81	21.01	21.10			
5	16QAM	25	0	20.16	20.17	20.18	20.04	20.38	21	2	
5	16QAM	25	12	20.16	20.17	20.18	20.04	20.38			
5	16QAM	25	24	20.16	20.17	20.18	20.04	20.38			
5	16QAM	50	0	20.03	20.23	20.13	20.15	20.35	20	3	
5	16QAM	50	12	20.04	20.08	20.11	20.04	20.36			
5	16QAM	50	24	20.04	20.08	20.11	20.04	20.36			
5	16QAM	1	28	20.05	19.97	20.18	19.97	20.36	20	3	
5	16QAM	1	56	20.05	19.97	20.18	19.97	20.36			
5	16QAM	1	84	20.05	19.97	20.18	19.97	20.36			
5	16QAM	25	0	19.21	19.34	19.27	19.19	19.48	18	5	
5	16QAM	25	12	19.21	19.34	19.27	19.19	19.48			
5	16QAM	25	24	19.18	19.49	19.16	19.21	19.39			
5	256QAM	1	28	18.43	18.43	18.43	18.43	18.43	Turn-up limit (dBm)	MPE (dB)	
5	256QAM	1	56	17.33	19.38	17.14	17.20	17.42			
5	256QAM	1	84	17.33	19.38	17.14	17.20	17.42			
5	256QAM	1	250	17.33	17.10	17.32	17.22	17.41	18	5	
5	256QAM	1	275	17.11	17.17	17.17	17.17	17.41			
5	256QAM	25	0	18.94	17.07	17.08	18.94	19.18			
5	256QAM	25	12	17.27	17.07	17.08	17.27	17.35	18	5	
5	256QAM	25	24	17.27	17.07	17.07	17.27	17.35			
5	256QAM	25	250	17.06	17.16	17.07	17.06	17.35			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.20	22.00	21.99	22.04	22.25	23.00	0	
5	QPSK	1	12	22.06	22.12	21.87	22.11	22.25			
5	QPSK	1	24	22.11	22.09	22.09	22.11	22.25			
5	QPSK	12	0	21.16	21.10	21.11	21.11	21.34	22	1	
5	QPSK	12	6	21.16	21.16	21.11	21.16	21.34			
5	QPSK	12	18	21.13	21.05	21.11	21.19	21.32			
5	QPSK	25	0	21.06	21.01	21.09	21.06	21.34	21	2	
5	QPSK	25	12	21.06	21.01	21.09	21.06	21.34			
5	QPSK	25	24	21.23	20.98	21.05	21.17	21.20			
5	16QAM	1	12	20.87	20.93	20.95	20.86	21.06	20	3	
5	16QAM	1	24	20.87	20.93	20.95	20.86	21.06			
5	16QAM	12	0	20.11	20.17	20.10	20.09	20.36			
5	16QAM	12	6	20.18	20.13	20.19	20.19	20.34	21	2	
5	16QAM	12	18	20.17	20.32	20.10	20.35	20.36			
5	16QAM	25	0	20.11	20.11	20.11	20.09	20.35			
5	64QAM	1	0	20.06	20.08	20.25	20.13	20.36	21	2	
5	64QAM	1	12	20.11	20.08	20.25	20.13	20.36			
5	64QAM	1	24	19.96	20.17	19.99	20.24	20.35			
5	64QAM	12	0	19.26	19.19	19.16	19.21	19.43	20	3	
5	64QAM	12	6	19.13	19.30	19.16	19.17	19.44			
5	64QAM	12	18	19.08	19.25	19.16	19.26	19.31			
5	256QAM	1	0	19.23	19.33	19.33	19.23	19.48	18	5	
5	256QAM	1	6	17.26	17.01	17.32	17.07	17.27			
5	256QAM	1	12	17.25	17.01	17.32	17.07	17.27			
5	256QAM	1	24	17.26	17.19	17.03	17.09	17.17	18	5	
5	256QAM	12	0	17.15	17.04	17.17	17.04	17.25			
5	256QAM	12	6	17.13	17.06	17.14	17.04	17.25			
5	256QAM	12	18	17.13	17.02	17.11	17.04	17.29	18	5	
5	256QAM	12	24	17.13	17.02	17.11	17.04	17.29			
5	256QAM	12	250	17.13	17.02	17.11	17.04	17.29			



OSM80 Airt Default

OSM80	Rural Average Power (dBm)			Total up	Urban Average Power (dBm)			Total up
TX Channel	128	160	256	Limit	128	160	256	Limit
Frequency (MHz)	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
OSM 1 Tx watt	32.58	32.52	32.57	34.00	23.36	23.52	23.57	25.00
OPM8 1 Tx watt	32.28	32.48	32.50	34.00	23.28	23.48	23.50	25.00
OPM8 2 Tx watt	29.42	29.44	29.62	31.00	23.42	23.44	23.62	25.00
OPM8 3 Tx watt	28.57	28.42	28.58	29.20	24.11	24.16	23.92	24.94
OPM8 4 Tx watt	26.12	26.78	26.78	28.00	23.72	23.78	23.76	25.00
EDGE 1 Tx watt	26.17	26.36	26.28	28.00	17.17	17.36	17.28	18.00
EDGE 2 Tx watt	23.32	23.58	23.51	24.00	17.33	17.55	17.51	18.00
EDGE 3 Tx watt	21.73	21.78	21.75	23.00	17.47	17.52	17.49	18.74
EDGE 4 Tx watt	20.48	20.55	20.51	21.50	17.48	17.55	17.51	18.90

WCDMA V Airt Default

Band	WCDMA V			Total up	
TX Channel	4150	4150	4283	Limit	
TX Channel	4157	4407	4408	(dBm)	
Frequency (MHz)	850.4	850.4	868.8		
SCPP Rel 99	NR1 12.2Kbps	24.53	24.58	24.51	25.70
SCPP Rel 99	NR1 12.2Kbps	24.52	24.55	24.54	25.70
SCPP Rel 9	HSDPA Subcar-1	23.49	23.50	23.51	24.70
SCPP Rel 9	HSDPA Subcar-2	23.55	23.52	23.50	24.70
SCPP Rel 9	HSDPA Subcar-3	22.55	23.05	22.55	24.20
SCPP Rel 9	HSDPA Subcar-4	23.05	23.05	23.01	24.20
SCPP Rel 9	DCHSDPA Subcar-1	23.45	23.50	23.26	24.70
SCPP Rel 9	DCHSDPA Subcar-2	23.55	23.52	23.99	24.70
SCPP Rel 9	DCHSDPA Subcar-3	22.55	23.05	22.55	24.20
SCPP Rel 9	DCHSDPA Subcar-4	22.50	22.87	22.57	24.20
SCPP Rel 9	HSPA Subcar-1	23.57	23.57	23.54	24.70
SCPP Rel 9	HSPA Subcar-2	21.55	21.60	21.55	23.70
SCPP Rel 9	HSPA Subcar-3	22.50	22.55	22.54	23.70
SCPP Rel 9	HSPA Subcar-4	21.55	21.55	21.51	23.70
SCPP Rel 9	HSPA Subcar-5	23.50	23.60	23.60	24.70

Band 5 Ant1 Default												
BS (MHz)	Modulation	PRB Size	PRB Offset	Power Level (dBm)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)	Power Level Offset (dB)
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24
10	QPSK	1	23	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24
10	QPSK	1	49	24.21	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24
10	QPSK	25	0	23.23	23.42	23.42	23.42	23.42	23.42	23.42	23.42	23.42
10	QPSK	25	12	23.15	23.30	23.30	23.30	23.30	23.30	23.30	23.30	23.30
10	QPSK	25	25	22.16	22.33	22.33	22.33	22.33	22.33	22.33	22.33	22.33
10	QPSK	25	38	23.26	23.26	23.26	23.26	23.26	23.26	23.26	23.26	23.26
10	QPSK	1	0	23.22	23.27	23.27	23.27	23.27	23.27	23.27	23.27	23.27
10	QPSK	1	25	23.27	23.32	23.32	23.32	23.32	23.32	23.32	23.32	23.32
10	QPSK	1	49	23.23	23.31	23.31	23.31	23.31	23.31	23.31	23.31	23.31
10	QPSK	25	0	22.27	22.47	22.47	22.47	22.47	22.47	22.47	22.47	22.47
10	QPSK	25	12	22.28	22.42	22.42	22.42	22.42	22.42	22.42	22.42	22.42
10	QPSK	25	25	22.21	22.32	22.32	22.32	22.32	22.32	22.32	22.32	22.32
10	QPSK	50	0	22.25	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41
10	QPSK	1	0	22.18	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34
10	QPSK	1	25	22.22	22.30	22.30	22.30	22.30	22.30	22.30	22.30	22.30
10	QPSK	1	49	22.26	22.30	22.30	22.30	22.30	22.30	22.30	22.30	22.30
10	QPSK	25	12	21.12	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36
10	QPSK	25	25	21.34	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37
10	QPSK	50	0	21.19	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39
10	QPSK	1	0	19.28	19.48	19.48	19.48	19.48	19.48	19.48	19.48	19.48
10	QPSK	1	25	19.32	19.42	19.42	19.42	19.42	19.42	19.42	19.42	19.42
10	QPSK	1	49	19.22	19.27	19.27	19.27	19.27	19.27	19.27	19.27	19.27
10	QPSK	25	0	19.21	19.44	19.44	19.44	19.44	19.44	19.44	19.44	19.44
10	QPSK	25	12	19.24	19.28	19.28	19.28	19.28	19.28	19.28	19.28	19.28
10	QPSK	25	25	19.28	19.24	19.24	19.24	19.24	19.24	19.24	19.24	19.24
10	QPSK	50	0	19.22	19.24	19.24	19.24	19.24	19.24	19.24	19.24	19.24
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.08	24.08	24.08	24.08	24.08	24.08	24.08	24.08	24.08
5	QPSK	1	12	24.08	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18
5	QPSK	1	24	24.07	24.14	24.14	24.14	24.14	24.14	24.14	24.14	24.14
5	QPSK	1	36	24.07	24.15	24.15	24.15	24.15	24.15	24.15	24.15	24.15
5	QPSK	12	7	23.19	23.20	23.20	23.20	23.20	23.20	23.20	23.20	23.20
5	QPSK	12	13	23.07	23.16	23.16	23.16	23.16	23.16	23.16	23.16	23.16
5	QPSK	25	0	23.22	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33
5	QPSK	1	0	23.11	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19
5	QPSK	1	12	23.08	23.25	23.25	23.25	23.25	23.25	23.25	23.25	23.25
5	QPSK	1	24	23.08	23.26	23.26	23.26	23.26	23.26	23.26	23.26	23.26
5	QPSK	12	0	22.10	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20
5	QPSK	12	7	22.04	22.14	22.14	22.14	22.14	22.14	22.14	22.14	22.14
5	QPSK	12	13	22.13	22.26	22.26	22.26	22.26	22.26	22.26	22.26	22.26
5	QPSK	25	0	22.13	22.33	22.33	22.33	22.33	22.33	22.33	22.33	22.33
5	QPSK	25	12	22.17	22.17	22.17	22.17	22.17	22.17	22.17	22.17	22.17
5	QPSK	1	24	22.13	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19
5	QPSK	12	0	21.21	21.30	21.30	21.30	21.30	21.30	21.30	21.30	21.30
5	QPSK	12	7	21.00	21.30	21.30	21.30	21.30	21.30	21.30	21.30	21.30
5	QPSK	12	13	21.02	21.18	21.18	21.18	21.18	21.18	21.18	21.18	21.18
5	QPSK	25	0	21.08	21.29	21.29	21.29	21.29	21.29	21.29	21.29	21.29
5	QPSK	1	0	19.22	19.33	19.33	19.33	19.33	19.33	19.33	19.33	19.33
5	QPSK	1	12	19.14	19.16	19.16	19.16	19.16	19.16	19.16	19.16	19.16
5	QPSK	1	24	19.10	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11
5	QPSK	12	0	19.08	19.27	19.27	19.27	19.27	19.27	19.27	19.27	19.27
5	QPSK	12	7	19.12	19.12	19.12	19.12	19.12	19.12	19.12	19.12	19.12
5	QPSK	12	13	19.21	19.08	19.08	19.08	19.08	19.08	19.08	19.08	19.08
5	QPSK	25	0	19.06	19.19	19.19	19.19	19.19	19.19	19.19	19.19	19.19
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.17	24.17	24.17	24.17	24.17	24.17	24.17	24.17	24.17
3	QPSK	1	8	24.11	24.24	24.24	24.24	24.24	24.24	24.24	24.24	24.24
3	QPSK	1	14	24.08	24.14	24.14	24.14	24.14	24.14	24.14	24.14	24.14
3	QPSK	8	0	23.08	23.27	23.27	23.27	23.27	23.27	23.27	23.27	23.27
3	QPSK	8	4	23.09	23.24	23.24	23.24	23.24	23.24	23.24	23.24	23.24
3	QPSK	8	7	23.00	23.24	23.25	23.25	23.25	23.25	23.25	23.25	23.25
3	QPSK	8	10	23.05	23.24	23.24	23.24	23.24	23.24	23.24	23.24	23.24
3	QPSK	1	0	23.08	23.30	23.30	23.30	23.30	23.30	23.30	23.30	23.30
3	QPSK	1	8	23.13	23.26	23.26	23.26	23.26	23.26	23.26	23.26	23.26
3	QPSK	1	14	23.07	23.18	23.18	23.18	23.18	23.18	23.18	23.18	23.18
3	QPSK	8	0	22.12	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40
3	QPSK	8	4	22.15	22.35	22.35	22.35	22.35	22.35	22.35	22.35	22.35
3	QPSK	8	8	22.09	22.20	22.20	22.20	22.20	22.20	22.20	22.20	22.20
3	QPSK	15	0	22.07	22.31	22.31	22.31	22.31	22.31	22.31	22.31	22.31
3	QPSK	1	0	22.05	22.26	22.26	22.26	22.26	22.26	22.26	22.26	22.26
3	QPSK	1	8	22.17	22.15	22.15	22.15	22.15	22.15	22.15	22.15	22.15
3	QPSK	1	14	22.13	22.12	22.12	22.12	22.12	22.12	22.12	22.12	22.12
3	QPSK	8	0	21.14	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32
3	QPSK	8	4	21.03	21.23	21.23	21.23	21.23	21.23	21.23	21.23	21.23
3	QPSK	8	7	21.12	21.24	21.24	21.24	21.24	21.24	21.24	21.24	21.24
3	QPSK	15	0	21.11	21.25	21.08	21.08	21.08	21.08	21.08	21.08	21.08
3	QPSK	1	0	19.12	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30
3	QPSK	1	8	19.15	19.16	19.16	19.16	19.16	19.16	19.16	19.16	19.16
3	QPSK	1	14	19.10	19.14	19.14	19.14	19.14	19.14	19.14	19.14	19.14
3	QPSK	1	18	19.10	19.14	19.14	19.14	19.14	19.14	19.14	19.14	19.14
3	QPSK	8	0	19.15	19.29	19.12	19.12	19.12	19.12	19.12	19.12	19.12
3	QPSK	8	4	19.12	19.20	19.20	19.20	19.20	19.20	19.20	19.20	19.20
3	QPSK	8	7	19.15	19.18	19.18	19.18	19.18	19.18	19.18	19.18	19.18
3	QPSK	15	0	19.09	19.07	19.07	19.07	19.07	19.07	19.07	19.07	19.07
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.21	24.43	24.43	24.43	24.43	24.43	24.43	24.43	24.43
1.4	QPSK	1	3	24.13	24.35	24.35	24.35	24.35	24.35	24.35	24.35	24.35
1.4	QPSK	1	5	24.16	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36
1.4	QPSK	1	8	24.25	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36
1.4	QPSK	3	3	24.13	24.36	24.35	24.35	24.35	24.35	24.35	24.35	24.35
1.4	QPSK	3	3	24.24	24.31	24.31	24.31	24.31	24.31	24.31	24.31	24.31
1.4	QPSK	6	0	23.26	24.31	24.31	24.31	24.31	24.31	24.31	24.31	24.31
1.4	QPSK	1	0	23.20	23.29	23.28	23.28	23.28	23.28	23.28	23.28	23.28
1.4	QPSK	1	8	23.30	23.31	23.31	23.31	23.31	23.31	23.31	23.31	23.31
1.4	QPSK	3	0	23.25	23.30	23.30	23.30	23.30	23.30	23.30	23.30	23.30
1.4	QPSK	3	1	23.28	23.27	23.27	23.27	23.27	23.27	23.27	23.27	23.27
1.4	QPSK	1	5	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24
1.4	QPSK	3	0	22.08	22.22	22.22	22.22	22.22	22.22	22.22	22.22	22.22
1.4	QPSK	6	0	22.29	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40
1.4	QPSK	3	3	22.25	22.21	22.21	22.21	22.21	22.21	22.21	22.21	22.21
1.4	QPSK	3	3	22.12	22.27	22.27	22.27	22.27	22.27	22.27	22.27	22.27
1.4	QPSK	1	5	22.24	22.24	22.24						

Band 12 Ant1 Default														
RF (MHz)	Modulation	RB Size	RB Offset	Power (dBm) Tx Power Ch. Freq.	Power (dBm) Tx Power Ch. Freq.	Power (dBm) Tx Power Ch. Freq.	Time-slot (subframes)	MBSF (dB)						
Channel									21600	25500	21310			
Frequency (MHz)									74	70.7	71			
10	QPSK	1	0	24.31	24.40	24.40								
10	QPSK	1	20	24.30	24.14	24.28	25.7	0						
10	QPSK	1	40	24.21	24.16	24.34								
10	QPSK	25	0	23.34	23.40	23.43								
10	QPSK	25	12	23.32	23.10	23.28	24.7	1						
10	QPSK	25	25	23.29	23.14	23.26								
10	QPSK	50	0	23.41	23.43	23.42								
10	16QAM	1	0	23.31	23.44	23.47								
10	16QAM	1	20	23.34	23.11	23.26	24.7	1						
10	16QAM	1	40	23.22	23.18	23.43								
10	16QAM	25	0	22.32	22.47	22.41								
10	16QAM	25	12	22.37	22.17	22.28	23.7	2						
10	16QAM	25	25	22.23	22.23	22.47								
10	16QAM	50	0	22.34	22.47	22.36								
10	16QAM	1	0	22.36	22.29	22.23								
10	16QAM	1	20	22.16	22.23	22.45	23.7	2						
10	16QAM	1	40	22.32	22.47	22.41								
10	16QAM	25	0	21.33	21.33	21.21								
10	16QAM	25	12	21.16	21.18	21.60	22.7	3						
10	16QAM	25	25	21.30	21.42	21.41								
10	16QAM	50	0	21.40	21.27	21.25								
10	256QAM	1	0	19.27	19.18	19.28	20.7	5						
10	256QAM	1	20	19.28	19.11	19.47								
10	256QAM	1	40	19.26	19.43	19.42								
10	256QAM	25	0	19.43	19.37	19.22								
10	256QAM	25	12	19.20	19.13	19.47								
10	256QAM	25	25	19.33	19.45	19.41	20.7	5						
10	256QAM	50	0	19.46	19.32	19.30								
Channel									20100	20500	21150	Time-slot (subframes)	MBSF (dB)	
5	QPSK	1	0	24.33	24.43	24.40								
5	QPSK	1	12	24.25	24.12	24.22	25.7	0						
5	QPSK	1	24	24.21	24.12	24.34								
5	QPSK	25	0	23.29	23.40	23.40								
5	QPSK	12	7	23.33	23.22	23.24	24.7	1						
5	QPSK	12	19	23.11	23.13	23.32								
5	16QAM	1	0	23.38	23.37	23.34								
5	16QAM	1	0	23.30	23.40	23.32								
5	16QAM	1	12	23.26	23.11	23.20	24.7	1						
5	16QAM	1	25	23.15	23.14	23.20								
5	16QAM	12	0	22.23	22.43	22.38								
5	16QAM	12	7	22.25	22.16	22.17	23.7	2						
5	16QAM	12	13	22.21	22.23	22.38								
5	16QAM	12	0	22.27	22.42	22.28								
5	16QAM	12	19	22.19	22.21	22.36	23.7	2						
5	16QAM	1	12	22.16	22.13	22.35								
5	16QAM	1	24	22.32	22.45	22.40								
5	16QAM	12	0	21.33	21.22	21.15								
5	16QAM	12	7	21.11	21.18	21.44	22.7	3						
5	16QAM	12	13	21.24	21.42	21.41								
5	16QAM	25	0	21.34	21.28	21.18								
5	256QAM	1	0	19.24	19.35	19.19								
5	256QAM	1	12	19.19	19.30	19.39	20.7	5						
5	256QAM	1	24	19.16	19.43	19.31								
5	256QAM	12	0	19.40	19.33	19.38								
5	256QAM	12	7	19.35	19.11	19.40	21.7	1						
5	256QAM	12	13	19.29	19.35	19.38	20.7	5						
5	256QAM	25	0	19.36	19.33	19.16								
Channel									21005	21005	21165	Time-slot (subframes)	MBSF (dB)	
Frequency (MHz)									74	70.7	71			
3	QPSK	1	0	24.31	24.44	24.46								
3	QPSK	1	8	24.29	24.13	24.38	25.7	0						
3	QPSK	1	14	24.21	24.27	24.32								
3	QPSK	8	0	23.34	23.39	23.42								
3	QPSK	8	4	23.25	23.19	23.29	24.7	1						
3	QPSK	7	7	23.10	23.15	23.27								
3	QPSK	15	0	23.35	23.38	23.31								
3	16QAM	1	0	23.22	23.38	23.33								
3	16QAM	1	8	23.21	23.16	23.18	24.7	1						
3	16QAM	1	14	23.17	23.12	23.23								
3	16QAM	8	0	22.23	22.47	22.33								
3	16QAM	8	4	22.17	22.22	22.20	23.7	2						
3	16QAM	8	8	22.19	22.15	22.43								
3	16QAM	15	0	22.32	22.43	22.33								
3	16QAM	1	0	22.36	22.29	22.19								
3	16QAM	1	8	22.19	22.23	22.40	23.7	2						
3	16QAM	15	0	21.36	21.27	21.16								
3	16QAM	8	8	21.29	21.27	21.18	22.7	3						
3	16QAM	8	7	21.34	21.27	21.36								
3	256QAM	1	0	19.24	19.31	19.14								
3	256QAM	1	8	19.28	19.14	19.42	20.7	5						
3	256QAM	1	14	19.22	19.34	19.35								
3	256QAM	8	0	19.44	19.30	19.15								
3	256QAM	8	4	19.17	19.25	19.17	20.7	5						
3	256QAM	8	7	19.30	19.35	19.41								
3	256QAM	15	0	19.16	19.16	19.16								
Channel									20017	20017	21177	Time-slot (subframes)	MBSF (dB)	
Frequency (MHz)									69.7	707.5	716.3			
1.4	QPSK	1	0	24.27	24.46	24.40								
1.4	QPSK	1	3	24.29	24.18	24.17	25.7	0						
1.4	QPSK	1	5	24.16	24.16	24.24								
1.4	QPSK	3	0	24.28	24.36	24.36								
1.4	QPSK	3	1	24.26	24.16	24.23								
1.4	QPSK	3	3	24.11	24.16	24.32	24.7	1						
1.4	QPSK	6	0	23.32	23.51	23.40	24.7	1						
1.4	16QAM	1	0	23.26	23.63	23.42								
1.4	16QAM	1	3	23.11	23.16	23.28	23.7	2						
1.4	16QAM	3	0	23.14	23.19	23.30								
1.4	16QAM	3	0	23.31	23.34	23.47	24.7	1						
1.4	16QAM	3	1	23.19	23.21	23.19								
1.4	16QAM	3	3	23.10	23.13	23.29	23.7	2						
1.4	16QAM	6	0	22.33	22.50	22.43	23.7	2						
1.4	16QAM	3	0	22.46	22.37	22.37								
1.4	16QAM	3	3	22.29	22.13	22.22								
1.4	16QAM	1	5	22.16	22.20	22.20	23.7	2						
1.4	16QAM	3	0	22.30	22.34	22.35								
1.4	16QAM	3	1	22.16	22.13	22.20								
1.4	16QAM	3	3	22.16	22.28	22.28	22.7	3						
1.4	16QAM	6	0	21.26	21.30	21.42	22.7	3						
1.4	256QAM	1	0	19.35	19.45	19.45								
1.4	256QAM	1	3	19.23	19.30	19.13								
1.4	256QAM	1	5	19.17	19.19	19.18	20.7	5						
1.4	256QAM	3	0	19.33	19.37	19.38								
1.4	256QAM	3	1	19.21	19.31	19.31								
1.4	256QAM	3	3	19.13	19.19	19.32								
1.4	256QAM	6	0	19.33	19.36	19.42	20.7	5						

Band 13 Ant1 Default									
BM (MHz)	Modulation	RB Size (MHz)	RB Offset (MHz)	Power (dBm) C/I/F (dB)	Power (dBm) C/I/F (dB)	Power (dBm) C/I/F (dB)	Turn-on time (s)	MPEL (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.44	24.44		25.7	0	
10	QPSK	1	25	24.28					
10	QPSK	1	49	24.35					
10	QPSK	25	0	23.38					
10	QPSK	25	12	23.52			24.7	1	
10	QPSK	25	25	23.35					
10	QPSK	50	0	23.37					
10	16QAM	1	0	23.32					
10	16QAM	1	25	23.35			24.7		
10	16QAM	1	49	23.58					
10	16QAM	25	0	22.41					
10	16QAM	25	12	22.20					
10	16QAM	25	25	22.30			23.7	2	
10	16QAM	50	0	22.43					
10	16QAM	1	0	22.45					
10	16QAM	1	25	22.43					
10	16QAM	1	49	22.45			23.7	2	
10	16QAM	25	0	21.32					
10	16QAM	1	49	22.42					
10	16QAM	25	0	21.32					
10	64QAM	25	12	21.23			22.7	3	
10	64QAM	25	25	21.34					
10	256QAM	1	0	19.41					
10	256QAM	1	25	19.33					
10	256QAM	1	49	19.34			20.7	5	
10	256QAM	25	0	19.35					
10	256QAM	25	12	19.36					
10	256QAM	25	25	19.32					
10	256QAM	50	0	19.40					
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.26	24.33	23.55	25.7	0	
5	QPSK	1	12	24.14	24.05	24.15			
5	QPSK	1	24	24.14	24.08				
5	QPSK	12	0	23.22	23.36	23.42			
5	QPSK	12	7	23.19	23.12	23.21	24.7	1	
5	QPSK	12	0	22.27	22.42	22.29			
5	QPSK	25	0	23.32	23.30	23.41			
5	16QAM	1	0	23.14	23.33	23.23			
5	16QAM	1	12	23.13	23.07	23.29	24.7	1	
5	16QAM	1	24	23.29	23.44	23.34			
5	16QAM	12	0	22.27	22.42	22.29			
5	16QAM	12	7	22.13	22.29	22.23			
5	16QAM	12	13	22.17	22.14	22.26	23.7	2	
5	16QAM	25	0	22.26	22.38	22.22			
5	16QAM	1	0	22.21	22.31	22.24			
5	16QAM	1	0	22.11	22.04	22.19			
5	16QAM	1	24	22.30	22.34	22.29	23.7	2	
5	16QAM	12	0	21.23	21.35	21.33			
5	64QAM	12	7	21.18	21.05	21.12			
5	64QAM	12	13	21.04	21.05	21.22			
5	256QAM	25	0	21.26	21.31	21.31	22.7	3	
5	256QAM	1	0	19.34	19.32	19.35			
5	256QAM	1	12	19.13	19.10	19.10			
5	256QAM	1	24	19.14	19.12	19.10			
5	256QAM	12	0	19.32	19.43	19.28	20.7	5	
5	256QAM	12	13	19.38	19.38	19.38			
5	256QAM	12	13	19.18	19.08	19.22			
5	256QAM	25	0	19.29	19.40	19.42			

Band 17 Ant1 Default									
RV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Tune-up (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.36	24.42	24.38			
10	QPSK	1	20	24.17	24.04	24.25	25.7	0	
10	QPSK	1	40	24.07	24.15	24.21			
10	QPSK	25	0	23.33	23.39	23.38			
10	QPSK	25	12	23.24	23.05	23.24	24.7	1	
10	QPSK	25	25	23.04	23.06	23.25			
10	QPSK	50	0	23.34	23.41	23.37			
10	16QAM	1	0	23.12	23.08	23.15			
10	16QAM	1	25	23.13	23.00	23.22	24.7	1	
10	16QAM	1	49	23.23	23.35	23.38			
10	16QAM	25	0	22.92	22.91	22.96			
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			
10	64QAM	1	25	22.12	22.21	22.31	23.7	2	
10	64QAM	1	49	22.36	22.38	22.31			
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	21.09	21.15	21.27			
10	64QAM	50	0	21.31	21.45	21.27			
10	256QAM	1	0	19.30	19.33	19.32			
10	256QAM	1	25	19.16	19.23	19.15	20.7	5	
10	256QAM	1	49	19.14	19.05	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	19.08	19.19			
10	256QAM	50	0	19.25	19.40	19.47			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.30	24.41	24.31			
5	QPSK	1	12	24.21	24.06	24.31	25.7	0	
5	QPSK	1	24	24.01	24.00	24.25			
5	QPSK	12	0	23.32	23.39	23.36			
5	QPSK	12	7	23.30	23.00	23.31	24.7	1	
5	QPSK	12	13	23.06	23.07	23.29			
5	QPSK	25	0	23.32	23.35	23.37			
5	16QAM	1	0	23.06	23.10	23.14	24.7	1	
5	16QAM	1	12	23.19	23.07	23.21			
5	16QAM	1	24	23.16	23.35	23.39			
5	16QAM	12	0	22.32	22.33	22.37			
5	16QAM	12	7	22.12	22.00	22.16	23.7	2	
5	16QAM	12	13	22.20	22.08	22.31			
5	16QAM	25	0	22.27	22.29	22.35			
5	64QAM	1	0	22.12	22.50	22.19			
5	64QAM	1	12	22.12	22.16	22.23	23.7	2	
5	64QAM	1	24	22.28	22.31	22.32			
5	64QAM	12	0	21.30	21.31	21.40			
5	64QAM	12	7	21.15	21.05	21.09	22.7	3	
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			
5	256QAM	1	12	19.15	19.20	19.18	20.7	5	
5	256QAM	1	24	19.13	19.15	19.29			
5	256QAM	12	0	19.39	19.38	19.38			
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									
RV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 26.765	Power High Ch./Freq. 26.815	Power High Ch./Freq. 26.865	Tune-up freq. (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.27	24.41	24.31			
15	QPSK	1	37	24.29	24.32	24.32	25.7	0	
15	QPSK	1	74	24.23	24.30	24.16			
15	QPSK	36	0	23.30	23.44	23.19			
15	QPSK	36	20	23.24	23.34	23.22	24.7	1	
15	QPSK	36	39	23.24	23.36	23.24			
15	16QAM	1	0	23.16	23.34	23.20			
15	16QAM	1	37	23.18	23.22	23.17	24.7	1	
15	16QAM	1	74	23.23	23.37	23.30			
15	16QAM	36	0	22.17	22.32	22.28			
15	16QAM	36	20	22.24	22.42	22.25	23.7	2	
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			
15	64QAM	1	37	22.21	22.25	22.18	23.7	2	
15	64QAM	1	74	22.21	22.34	22.28			
15	64QAM	36	0	21.28	21.33	21.24			
15	64QAM	36	20	21.17	21.38	21.27	22.7	3	
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			
15	256QAM	1	37	19.25	19.44	19.23	20.7	5	
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	19.16	19.33	19.29			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.21	24.32	24.30			
10	QPSK	1	25	24.23	24.31	24.28	25.7	0	
10	QPSK	1	49	24.26	24.28	24.13			
10	QPSK	25	0	23.32	23.32	23.19			
10	QPSK	25	12	23.22	23.43	23.28	24.7	1	
10	QPSK	25	25	23.22	23.38	23.24			
10	16QAM	1	0	23.29	23.34	23.17			
10	16QAM	1	25	23.15	23.23	23.17	24.7	1	
10	16QAM	1	49	23.27	23.33	23.27			
10	16QAM	25	0	22.24	22.38	22.30			
10	16QAM	25	12	22.18	22.39	22.21	23.7	2	
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			
10	64QAM	1	25	22.14	22.29	22.23	23.7	2	
10	64QAM	1	49	22.18	22.31	22.34			
10	64QAM	25	0	21.21	21.40	21.25			
10	64QAM	25	12	21.16	21.40	21.11	22.7	3	
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			
10	256QAM	1	25	19.30	19.38	19.30	20.7	5	
10	256QAM	1	49	19.25	19.36	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)									
5	QPSK	1	0	24.32	24.34	24.33			
5	QPSK	1	12	24.27	24.30	24.32	25.7	0	
5	QPSK	1	24	24.26	24.25	24.11			
5	QPSK	12	0	23.30	23.37	23.14			
5	QPSK	12	7	23.27	23.45	23.18	24.7	1	
5	QPSK	12	13	23.17	23.41	23.24			
5	QPSK	25	0	23.20	23.30	23.25			
5	16QAM	1	0	23.13	23.38	23.17			
5	16QAM	1	12	23.23	23.15	23.11	24.7	1	
5	16QAM	1	24	23.28	23.31	23.25			
5	16QAM	12	0	22.11	22.28	22.25			
5	16QAM	12	7	22.25	22.43	22.21	23.7	2	
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			
5	64QAM	1	12	22.21	22.30	22.17	23.7	2	
5	64QAM	1	24	22.23	22.33	22.29			
5	64QAM	12	0	21.36	21.37	21.19			
5	64QAM	12	7	21.15	21.38	21.29	22.7	3	
5	64QAM	12	13	21.21	21.26	21.16			
5	64QAM	25	0	21.29	21.37	21.25			
5	256QAM	1	0	19.19	19.23	19.25			
5	256QAM	1	12	19.25	19.42	19.21	20.7	5	
5	256QAM	1	24	19.15	19.27	19.28			
5	256QAM	12	0	19.36	19.27	19.25			
5	256QAM	12	7	19.25	19.36	19.26	20.7	5	
5	256QAM	12	13	19.20	19.29	19.30			
5	256QAM	25	0	19.14	19.35	19.30			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.29	24.38	24.28			
3	QPSK	1	7	24.27	24.37	24.27	25.7	0	
3	QPSK	1	14	24.27	24.36	24.16			
3	QPSK	8	0	23.44	23.41	23.16			
3	QPSK	8	7	23.22	23.43	23.26	24.7	1	
3	QPSK	15	0	23.28	23.37	23.28			
3	16QAM	1	0	23.20	23.33	23.13			
3	16QAM	1	8	23.17	23.23	23.24	24.7	1	
3	16QAM	1	14	23.25	23.36	23.30			
3	16QAM	8	0	22.22	22.27	22.31			
3	16QAM	8	4	22.26	22.35	22.23	23.7	2	
3	16QAM	8	11	22.21	22.34	22.27			
3	16QAM	15	0	22.31	22.33	22.24			
3	64QAM	1	0	22.19	22.35	22.27			
3	64QAM	1	8	22.27	22.28	22.26	23.7	2	
3	64QAM	1	14	22.22	22.40	22.21			
3	64QAM	8	0	21.26	21.42	21.27			
3	64QAM	8	7	21.19	21.41	21.28	22.7	3	
3	64QAM	8	7	21.19	21.28	21.17			
3	256QAM	1	0	19.34	19.41	19.31			
3	256QAM	1	8	19.15	19.25	19.19	20.7	5	
3	256QAM	1	8	19.25	19.49	19.20			
3	256QAM	8	0	19.36	19.31	19.16			
3	256QAM	8	4	19.27	19.38	19.36	20.7	5	
3	256QAM	8	7	19.23	19.28	19.21			
3	256QAM	15	0	19.15	19.33	19.23			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.33	24.28	24.31			
1.4	QPSK	1	3	24.14	24.31	24.35			
1.4	QPSK	1	6	24.11	24.31	24.24	25.7	0	
1.4	QPSK	3	0	24.26	24.32	24.29			
1.4	QPSK	3	3	24.25	24.13	24.29			
1.4	QPSK	3	3	24.16	24.30	24.23	24.7	1	
1.4	QPSK	6	0	23.34	23.40	23.33			
1.4	QPSK	6	3	23.15	23.35	23.31			
1.4	16QAM	1	3	23.19	23.32	23.19			
1.4	16QAM	1	6	23.17	23.32	23.33	24.7	1	
1.4	16QAM	3	0	23.32	23.16	23.34			
1.4	16QAM	3	3	23.29	23.27	23.22	23.7	2	
1.4	16QAM	6	0	22.22	22.23	22.34			
1.4	16QAM	6	3	22.20	22.12	22.26	23.9	2	
1.4	64QAM	1	3	22.20	22.36	22.17			
1.4	64QAM	3	0	22.26	22.27	22.27			
1.4	64QAM	3	3	22.32	22.14	22.33	22.7	3	
1.4	256QAM	1	0	19.31	19.32	19.32			
1.4	256QAM	1	3	19.19	19.31	19.28			
1.4	256QAM	1	6	19.26	19.28	19.18	20.7	5	
1.4	256QAM	3	0	19.31	19.34	19.30			
1.4	256QAM	3	3	19.17	19.33	19.30			
1.4	256QAM	3	3	19.14	19.26	19.16	20.7	5	
1.4	256QAM	6	0	19.29	19.32	19.30	20.7	5	



Conducted Power							
CDMA1X Rev D Default							
CDMA1X Rev D	Best Average Power (dBm)			Turnup Limit	Frame Average Power (dBm)		Turnup Limit
Tx Channel	812	861	810	dBm	812	861	810
Frequency (MHz)	812.2	861.2	810.2	(dBm)	812.2	861.2	810.2
CDMA 1 Tx watt	29.53	29.58	29.72	30.59	29.53	29.58	29.72
OPHS 1 Tx watt	29.71	29.88	29.75	30.55	29.71	29.88	29.75
OPHS 2 Tx watt	29.47	29.84	29.87	27.50	29.47	29.84	29.87
OPHS 3 Tx watt	29.12	29.23	29.17	25.50	29.88	29.97	29.91
OPHS 4 Tx watt	29.14	29.44	29.50	24.50	29.43	29.45	29.52
EDGE 1 Tx watt	29.18	29.59	29.44	28.55	18.18	18.59	18.44
EDGE 2 Tx watt	22.89	22.62	22.81	24.00	18.26	18.62	18.21
EDGE 3 Tx watt	25.12	25.20	25.16	21.50	15.96	15.94	15.90
EDGE 4 Tx watt	19.41	19.58	19.40	20.50	18.41	18.56	18.40

WCDMA R 443 Default							
WCDMA R 443 Default							
Best	WCDMA R			Turnup Limit	WCDMA R		Turnup Limit
Tx Channel	9262	9400	9268	dBm	1912	1915	1913
Rx Channel	9802	9800	9805	(dBm)	1937	1938	1936
Frequency (MHz)	926.2	940.0	926.8	(dBm)	1912.4	1915.5	1912.6
SCPP Rel 98	34.07	34.18	34.21	35.00	34.03	34.03	34.03
SCPP Rel 98	34.03	34.25	34.18	25.09	34.03	34.05	25.09
SCPP Rel 9	22.90	22.92	23.13	24.00	22.90	22.97	24.00
SCPP Rel 6	23.04	23.16	23.24	24.00	23.14	23.05	24.00
SCPP Rel 6	22.50	22.77	22.85	23.50	22.44	22.85	23.50
SCPP Rel 6	22.48	22.82	22.75	23.50	22.49	22.81	23.50
SCPP Rel 6	23.05	23.17	23.12	24.00	23.09	23.09	24.00
SCPP Rel 6	23.15	23.23	23.14	24.00	23.15	23.09	24.00
SCPP Rel 6	22.52	22.78	22.81	23.59	22.56	22.49	23.59
SCPP Rel 6	22.52	22.75	22.84	23.50	22.52	22.56	23.50
SCPP Rel 6	23.11	23.11	23.16	24.00	23.05	23.05	24.00
SCPP Rel 6	20.92	21.22	21.26	22.00	21.11	21.09	22.00
SCPP Rel 6	21.18	21.11	21.15	23.00	21.10	21.05	23.00
SCPP Rel 6	21.10	21.10	21.08	22.00	21.07	20.98	22.00
SCPP Rel 6	23.14	23.25	23.28	24.00	23.09	23.07	24.00

Band 2 Ant3 Default																
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Max Ch. (dBm)	Power High Ch. (dBm)	Turn-on time (sec)	Aggr. (dB)								
Channel																
Frequency (MHz)																
20	QPSK	1	0	24.29	24.30	24.30	25.5	0	24.5	24.5	24.5					
20	QPSK	1	40	24.24	24.02	24.30										
20	QPSK	1	80	24.14	24.00	24.24										
20	QPSK	50	0	24.14	24.30	24.34										
20	QPSK	50	24	24.20	24.01	24.25	24.5	1	24.5	24.5	24.5					
20	QPSK	50	48	24.15	24.00	24.25										
20	QPSK	50	72	24.15	24.00	24.25										
20	QPSK	50	96	24.17	24.30	24.33										
20	16QAM	1	0	24.10	24.00	24.27	24.5	1	24.5	24.5	24.5					
20	16QAM	1	40	24.16	24.02	24.27										
20	16QAM	1	80	24.06	24.02	24.32										
20	16QAM	50	0	24.10	24.30	24.32										
20	16QAM	50	24	24.16	24.00	24.27	23.5	2	24.5	24.5	24.5					
20	16QAM	50	48	24.16	24.00	24.27										
20	16QAM	50	72	24.16	24.00	24.27										
20	16QAM	50	96	24.18	24.30	24.32										
20	64QAM	1	0	24.16	24.06	24.22	23.5	2	24.5	24.5	24.5					
20	64QAM	1	40	24.16	24.06	24.22										
20	64QAM	1	80	24.16	24.06	24.22										
20	64QAM	1	160	24.16	24.06	24.22										
20	64QAM	50	24	24.16	24.06	24.22	22.5	3	24.5	24.5	24.5					
20	64QAM	50	48	24.16	24.06	24.22										
20	64QAM	50	72	24.16	24.06	24.22										
20	64QAM	50	96	24.17	24.11	24.29										
20	256QAM	1	0	18.10	18.03	18.24	20.5	5	20.5	20.5	20.5					
20	256QAM	1	40	18.13	18.04	18.30										
20	256QAM	1	80	18.06	18.12	18.26										
20	256QAM	1	160	18.06	18.12	18.26										
20	256QAM	50	24	18.14	18.06	18.29	20.5	5	20.5	20.5	20.5					
20	256QAM	50	50	18.11	18.04	18.22										
20	256QAM	50	76	18.07	18.02	18.20										
20	256QAM	50	102	18.07	18.02	18.20										
Channel																
Frequency (MHz)																
15	QPSK	1	0	24.13	24.09	24.26	25.5	0	24.5	24.5	24.5					
15	QPSK	1	32	24.15	24.02	24.27										
15	QPSK	1	74	24.22	24.05	24.23										
15	QPSK	36	0	24.16	24.05	24.26										
15	QPSK	36	36	24.13	24.07	24.25	24.5	1	24.5	24.5	24.5					
15	QPSK	36	72	24.12	24.01	24.14										
15	QPSK	36	108	24.12	24.06	24.26										
15	16QAM	1	0	24.13	24.05	24.25										
15	16QAM	1	32	24.14	24.08	24.26	24.5	1	24.5	24.5	24.5					
15	16QAM	1	74	24.11	24.01	24.22										
15	16QAM	1	116	24.15	24.05	24.25										
15	16QAM	36	0	24.15	24.05	24.25										
15	16QAM	36	36	24.09	24.03	24.28	23.5	2	24.5	24.5	24.5					
15	16QAM	36	72	24.10	24.02	24.29										
15	16QAM	36	108	24.15	24.05	24.25										
15	64QAM	1	0	24.13	24.02	24.29										
15	64QAM	1	32	24.16	24.01	24.22	23.5	2	24.5	24.5	24.5					
15	64QAM	1	74	24.22	24.06	24.24										
15	64QAM	1	116	24.07	24.00	24.14										
15	64QAM	36	0	24.07	24.00	24.14										
15	64QAM	36	36	24.12	24.06	24.25	22.5	3	24.5	24.5	24.5					
15	64QAM	36	72	24.12	24.06	24.25										
15	64QAM	36	108	24.15	24.05	24.25										
15	256QAM	1	0	18.15	18.06	18.17										
15	256QAM	1	32	18.10	18.02	18.20	20.5	5	20.5	20.5	20.5					
15	256QAM	1	74	18.10	18.06	18.27										
15	256QAM	1	116	18.11	18.05	18.30										
15	256QAM	36	0	18.11	18.05	18.30										
15	256QAM	36	36	18.11	18.03	18.26	20.5	5	20.5	20.5	20.5					
15	256QAM	36	72	18.10	18.08	18.26										
15	256QAM	36	108	18.09	18.08	18.26										
Channel																
Frequency (MHz)																
10	QPSK	1	0	24.03	24.12	24.22						25.5	0	24.5	24.5	24.5
10	QPSK	1	24	24.18	24.08	24.18										
10	QPSK	1	48	24.13	24.09	24.18										
10	QPSK	25	0	24.11	24.10	24.17										
10	QPSK	25	12	24.11	24.05	24.04	24.5	1	24.5	24.5	24.5					
10	QPSK	25	24	24.13	24.09	24.18										
10	QPSK	25	36	24.09	24.03	24.21										
10	QPSK	25	48	24.13	24.05	24.21										
10	16QAM	1	0	24.13	24.05	24.21	24.5	1	24.5	24.5	24.5					
10	16QAM	1	24	24.18	24.02	24.21										
10	16QAM	1	48	24.06	24.02	24.26										
10	16QAM	25	0	24.13	24.05	24.21										
10	16QAM	25	12	24.13	24.05	24.21	23.5	2	24.5	24.5	24.5					
10	16QAM	25	24	24.16	24.03	24.21										
10	16QAM	25	36	24.09	24.03	24.28										
10	16QAM	25	48	24.13	24.05	24.21										
10	64QAM	1	0	24.03	24.03	24.03	23.5	2	24.5	24.5	24.5					
10	64QAM	1	24	24.18	24.02	24.21										
10	64QAM	1	48	24.06	24.02	24.26										
10	64QAM	25	0	24.13	24.05	24.21										
10	64QAM	25	12	24.13	24.05	24.21	22.5	3	24.5	24.5	24.5					
10	64QAM	25	24	24.16	24.03	24.21										
10	64QAM	25	36	24.09	24.03	24.28										
10	64QAM	25	48	24.13	24.05	24.21										
10	256QAM	1	0	18.03	18.04	18.26	20.5	5	20.5	20.5	20.5					
10	256QAM	1	24	18.10	18.03	18.26										
10	256QAM	1	48	18.03	18.03	18.26										
10	256QAM	25	0	18.11	18.10	18.26										
10	256QAM	25	12	18.10	18.07	18.26	20.5	5	20.5	20.5	20.5					
10	256QAM	25	24	18.10	18.07	18.26										
10	256QAM	25	36	18.09	18.06	18.26										
10	256QAM	25	48	18.06	18.06	18.26										
10	256QAM	50	0	18.06	18.06	18.26	20.5	5	20.5	20.5	20.5					
10	256QAM	50	25	18.06	18.06	18.26										
Channel																
Frequency (MHz)																
5	QPSK	1	0	24.07	24.08	24.20	25.5	0	24.5	24.5	24.5					
5	QPSK	1	12	24.16	24.09	24.20										
5	QPSK	1	24	24.13	24.09	24.20										
5	QPSK	12	0	24.07	24.09	24.20										
5	QPSK	12	7	24.13	24.05	24.41	24.5	1	24.5	24.5	24.5					
5	QPSK	12	15	24.09	24.03	24.27										
5	QPSK	12	23	24.07	24.03	24.27										
5	QPSK	12	31	24.07	24.03	24.27										
5	16QAM	1	0	24.04	24.04	24.23	24.5	1	24.5	24.5	24.5					
5	16QAM	1	12	24.22	24.03	24.27										
5	16QAM	1	24	24.19	24.03	24.27										
5	16QAM	12	0	24.08	24.03	24.18										
5	16QAM	12	7	24.15	24.04	24.27	23.5	2	24.5	24.5	24.5					
5	16QAM	12	15	24.11	24.02	24.27										
5	16QAM	12	23	24.11	24.02	24.27										
5	16QAM	12	31	24.11	24.02	24.27										
5	64QAM	1	0	24.22	24.07	24.32	23.5	2	24.5	24.5	24.5					
5	64QAM	1	12	24.23	24.05	24.18										
5	64QAM	1	24	24.19	24.07	24.18										
5	64QAM	12	0	24.16	24.06	24.17										
5	64QAM	12	7	24.09	24.07	24.33	22.5	3	24.5	24.5	24.5					
5	64QAM	12	15	24.10	24.06	24.17										
5	64QAM	12	23	24.10	24.06	24.17										
5	64QAM	12	31	24.10	24.06	24.17										
5	256QAM	1	0	24.04	24.11	24.20	20.5	5	20.5	20.5	20.5					
5	256QAM	1	12	24.19	24.06	18.30										
5	256QAM	1	24	24.16	24.02	18.29										
5	256QAM	12	0	19.07	19.07	19.26										
5	256QAM	12	7	19.08	19.13	19.27	20.5	5	20.5	20.5	20.5					
5	256QAM	12	15	19.07	19.13	19.27										
5	256QAM	12	23	19.07	19.13	19.27										
5	256QAM	12	31	19.03	19.07	19.26										
5	256QAM	25	0	18.03	18.03	18.26	20.5	5	20.5	20.5	20.5					
5	256QAM	25	12	18.03	18.03	18.26										
Channel																
Frequency (MHz)																
3	QPSK	1	0	24.09	24.11	24.20	25.5	0	24.5	24.5	24.5					
3	QPSK	1	8	24.09	24.08	24.30										
3	QPSK	1	16	24.14	24.08	24.30										
3	QPSK	8	0	24.12	24.08	24.30										
3	QPSK	8	4	24.14	24.02	24.30	24.5	1	24.5	24.5	24.5					
3	QPSK	8	8	24.09	24.03	24.15										
3	QPSK	8	12	24.09	24.03	24.15										
3	QPSK	8	16	24.09	24.03	24.15										
3	16QAM	1	0	24.07	24.00	24.28	24.5	1	24.5	24.5	24.5					
3	16QAM	1	8	24.10	24.07	24.28										
3	16QAM	1	16	24.10	24.07	24.28										
3	16QAM	8	0	24.04	24.10	24.28										
3	16QAM	8	4	24.17	24.01	24.28	23.5	2	24.5	24.5	24.5					
3	16QAM	8	8	24.12	24.02	24.24										
3	16QAM	15	0	24.21	24.07	24.24										
3	16QAM	15	8	24.21	24.07	24.24										
3	64QAM	1	0	24.21	24.07	24.24	23.5	2	24.5	24.5	24.5					
3	64QAM	1	8	24.16	24.02	24.24										
3	64QAM	1	16	24.16	24.02	24.24										
3	64QAM	15	0	24.21	24.07	24.24										
3	64QAM	15	8	24.21	24.07	24.24	22.5	3	24.5	24.5	24.5					
3	64QAM	15	16	24.21	24.07	24.24										
3	256QAM	1	0	19.14	19.00	19.27										
3	256QAM	1	8	19.14	19.00	19.27										
3	256QAM	8	0	19.14	19.00	19.27	20.5	5	20.5							

Band 25 Ant3 Default												
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)
Channel	Frequency (MHz)	RB Size	RB Offset	Channel	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)	Power Line (mW)
20	QPSK	1	0	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47
20	QPSK	1	49	24.42	24.37	24.47	24.47	24.47	24.47	24.47	24.47	24.47
20	QPSK	1	59	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
20	QPSK	50	0	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47
20	QPSK	50	24	23.44	23.39	23.47	23.47	23.47	23.47	23.47	23.47	23.47
20	QPSK	50	50	23.46	23.51	23.59	23.59	23.59	23.59	23.59	23.59	23.59
20	QPSK	100	0	23.51	23.51	23.51	23.51	23.51	23.51	23.51	23.51	23.51
20	16QAM	1	49	23.52	23.51	23.74	23.74	23.74	23.74	23.74	23.74	23.74
20	16QAM	1	59	23.52	23.52	23.65	23.65	23.65	23.65	23.65	23.65	23.65
20	16QAM	50	0	23.50	23.50	23.50	23.50	23.50	23.50	23.50	23.50	23.50
20	16QAM	50	24	23.38	23.37	23.67	23.67	23.67	23.67	23.67	23.67	23.67
20	16QAM	50	50	23.50	23.52	23.59	23.59	23.59	23.59	23.59	23.59	23.59
20	16QAM	100	0	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47
20	16QAM	1	49	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47
20	16QAM	1	59	23.45	23.44	23.67	23.67	23.67	23.67	23.67	23.67	23.67
20	16QAM	50	0	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45
20	16QAM	50	24	23.37	23.36	23.74	23.74	23.74	23.74	23.74	23.74	23.74
20	16QAM	50	50	23.50	23.50	23.51	23.51	23.51	23.51	23.51	23.51	23.51
20	16QAM	100	0	23.44	23.44	23.44	23.44	23.44	23.44	23.44	23.44	23.44
20	16QAM	1	5	19.42	19.39	19.70	19.70	19.70	19.70	19.70	19.70	19.70
20	256QAM	1	49	19.44	19.41	19.72	19.72	19.72	19.72	19.72	19.72	19.72
20	256QAM	1	59	19.44	19.44	19.61	19.61	19.61	19.61	19.61	19.61	19.61
20	256QAM	50	0	19.42	19.39	19.67	19.67	19.67	19.67	19.67	19.67	19.67
20	256QAM	50	24	19.47	19.42	19.72	19.72	19.72	19.72	19.72	19.72	19.72
20	256QAM	50	50	19.37	19.32	19.70	19.70	19.70	19.70	19.70	19.70	19.70
20	256QAM	100	0	19.36	19.32	19.36	19.36	19.36	19.36	19.36	19.36	19.36
Channel	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47
Frequency (MHz)	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47	24.47
10	QPSK	1	0	24.37	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36
10	QPSK	1	37	24.40	24.37	24.37	24.37	24.37	24.37	24.37	24.37	24.37
10	QPSK	1	74	24.32	24.32	24.36	24.36	24.36	24.36	24.36	24.36	24.36
10	QPSK	36	0	23.37	23.36	23.36	23.36	23.36	23.36	23.36	23.36	23.36
10	QPSK	36	20	23.27	23.24	23.37	23.37	23.37	23.37	23.37	23.37	23.37
10	QPSK	36	36	23.30	23.43	23.62	23.62	23.62	23.62	23.62	23.62	23.62
10	QPSK	75	0	23.37	23.32	23.63	23.63	23.63	23.63	23.63	23.63	23.63
10	16QAM	1	5	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45
10	16QAM	1	37	23.22	23.49	23.53	23.53	23.53	23.53	23.53	23.53	23.53
10	16QAM	1	74	23.32	23.54	23.45	23.45	23.45	23.45	23.45	23.45	23.45
10	16QAM	36	0	23.44	23.44	23.36	23.36	23.36	23.36	23.36	23.36	23.36
10	16QAM	36	20	23.15	23.45	23.53	23.53	23.53	23.53	23.53	23.53	23.53
10	16QAM	36	36	23.25	23.45	23.53	23.53	23.53	23.53	23.53	23.53	23.53
10	16QAM	75	0	23.37	23.32	23.67	23.67	23.67	23.67	23.67	23.67	23.67
10	16QAM	75	0	23.42	23.42	23.36	23.36	23.36	23.36	23.36	23.36	23.36
10	16QAM	1	0	22.45	22.37	22.65	22.65	22.65	22.65	22.65	22.65	22.65
10	16QAM	1	37	22.18	22.49	22.59	22.59	22.59	22.59	22.59	22.59	22.59
10	16QAM	1	74	22.45	22.54	22.65	22.65	22.65	22.65	22.65	22.65	22.65
10	16QAM	36	0	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45	23.45
10	16QAM	36	20	21.26	21.46	21.54	21.54	21.54	21.54	21.54	21.54	21.54
10	16QAM	36	36	21.22	21.60	21.61	21.61	21.61	21.61	21.61	21.61	21.61
10	16QAM	75	0	21.26	21.42	21.52	21.52	21.52	21.52	21.52	21.52	21.52
10	256QAM	1	0	19.34	19.37	19.61	19.61	19.61	19.61	19.61	19.61	19.61
10	256QAM	1	37	19.31	19.48	19.51	19.51	19.51	19.51	19.51	19.51	19.51
10	256QAM	1	74	19.31	19.44	19.51	19.51	19.51	19.51	19.51	19.51	19.51
10	256QAM	36	0	19.41	19.44	19.49	19.49	19.49	19.49	19.49	19.49	19.49
10	256QAM	36	20	19.43	19.49	19.59	19.59	19.59	19.59	19.59	19.59	19.59
10	256QAM	36	36	19.39	19.45	19.51	19.51	19.51	19.51	19.51	19.51	19.51
10	256QAM	75	0	19.37	19.42	19.51	19.51	19.51	19.51	19.51	19.51	19.51
Channel	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36
Frequency (MHz)	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36	24.36
10	QPSK	1	0	24.35	24.35	24.35	24.35	24.35	24.35	24.35	24.35	24.35
10	QPSK	1	20	24.38	24.38	24.35	24.35	24.35	24.35	24.35	24.35	24.35
10	QPSK	1	49	24.31	24.36	24.38	24.38	24.38	24.38	24.38	24.38	24.38
10	QPSK	36	0	23.36	23.36	23.36	23.36	23.36	23.36	23.36	23.36	23.36
10	QPSK	36	20	23.32	23.36	23.37	23.37	23.37	23.37	23.37	23.37	23.37
10	QPSK	36	36	23.30	23.44	23.33	23.33	23.33	23.33	23.33	23.33	23.33
10	QPSK	75	0	23.37	23.34	23.38	23.38	23.38	23.38	23.38	23.38	23.38
10	16QAM	1	5	23.39	23.39	23.33	23.33	23.33	23.33	23.33	23.33	23.33
10	16QAM	1	37	23.36	23.50	23.31	23.31	23.31	23.31	23.31	23.31	23.31
10	16QAM	1	74	23.43	23.57	23.31	23.31	23.31	23.31	23.31	23.31	23.31
10	16QAM	36	0	23.40	23.36	23.37	23.37	23.37	23.37	23.37	23.37	23.37
10	16QAM	36	20	22.44	22.35	22.22	22.22	22.22	22.22	22.22	22.22	22.22
10	16QAM	36	36	22.28	22.28	22.22	22.22	22.22	22.22	22.22	22.22	22.22
10	16QAM	75	0	23.42	23.36	23.33	23.33	23.33	23.33	23.33	23.33	23.33
10	16QAM	1	0	22.43	22.37	22.33	22.33	22.33	22.33	22.33	22.33	22.33
10	16QAM	1	37	22.14	22.45	22.30	22.30	22.30	22.30	22.30	22.30	22.30
10	16QAM	1	74	22.32	22.51	22.36	22.36	22.36	22.36	22.36	22.36	22.36
10	16QAM	36	0	23.39	23.39	23.33	23.33	23.33	23.33	23.33	23.33	23.33
10	16QAM	36	20	21.32	21.49	21.57	21.57	21.57	21.57	21.57	21.57	21.57
10	16QAM	36	36	21.20	21.43	21.55	21.55	21.55	21.55	21.55	21.55	21.55
10	16QAM	75	0	21.40	21.36	21.31	21.31	21.31	21.31	21.31	21.31	21.31
10	256QAM	1	0	19.31	19.42	19.29	19.29	19.29	19.29	19.29	19.29	19.29
10	256QAM	1	37	19.28	19.48	19.24	19.24	19.24	19.24	19.24	19.24	19.24
10	256QAM	1	74	19.31	19.42	19.26	19.26	19.26	19.26	19.26	19.26	19.26
10	256QAM	36	0	19.40	19.40	19.29	19.29	19.29	19.29	19.29	19.29	19.29
10	256QAM	36	20	19.43	19.50	19.15	19.15	19.15	19.15	19.15	19.15	19.15
10	256QAM	36	36	19.36	19.46	19.13	19.13	19.13	19.13	19.13	19.13	19.13
10	256QAM	75	0	19.39	19.49	19.10	19.10	19.10	19.10	19.10	19.10	19.10
Channel	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32
Frequency (MHz)	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32	24.32
10	QPSK	1	0	24.33	24.33	24.33	24.33	24.33	24.33	24.33	24.33	24.33
10	QPSK	1	20	24.36	24.36	24.33	24.33	24.33	24.33	24.33	24.33	24.33
10	QPSK	1	49	24.31	24.40	24.39	24.39	24.39	24.39	24.39	24.39	24.39
10	QPSK	36	0	23.36	23.36	23.36	23.36	23.36	23.36	23.36	23.36	23.36
10	QPSK	36	20	23.32	23.36	23.37	23.37	23.37	23.37	23.37	23.37	23.37
10	QPSK	36	36	23.30	23.44	23.33	23.33	23.33	23.33	23.33	23.33	23.33
10	QPSK	75	0	23.37	23.34	23.38	23.38	23.38	23.38	23.38	23.38	23.38
10	16QAM	1	5	23.39	23.39	23.33	23.33	23.33				



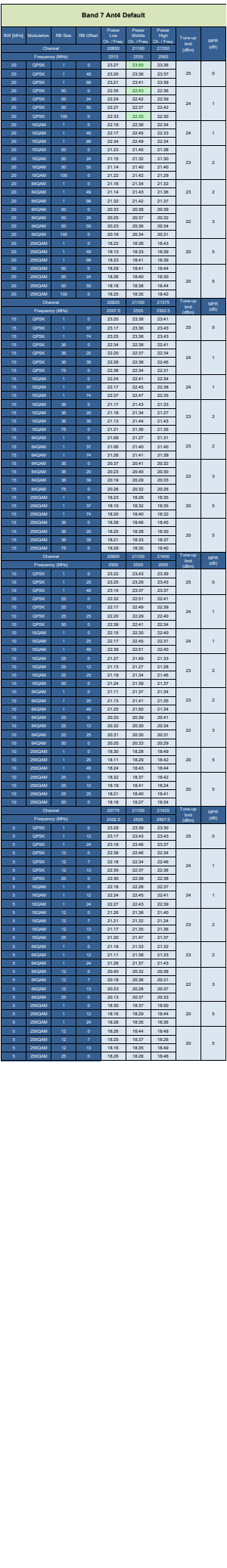
Band 38 Ant3 Default												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.06	24.40	24.14	25.7	0				
20	QPSK	1	48	24.06	24.23	24.11						
20	QPSK	1	96	24.10	24.24	24.10						
20	QPSK	1	144	24.12	24.25	24.10						
20	QPSK	50	24	23.97	23.18	23.97	24.7	1				
20	QPSK	50	72	23.97	23.17	23.17						
20	QPSK	100	0	23.10	23.17	23.08						
20	QPSK	100	48	23.10	23.15	23.14						
20	16QAM	1	0	23.01	23.18	23.14	24.7	1				
20	16QAM	1	48	23.01	23.17	23.07						
20	16QAM	50	0	22.94	22.97	22.12						
20	16QAM	50	24	22.11	22.24	22.03						
20	16QAM	50	72	22.07	22.31	22.06	23.7	2				
20	16QAM	100	0	22.12	22.92	22.15						
20	16QAM	100	48	22.05	22.21	22.13						
20	16QAM	1	48	22.01	22.28	22.13						
20	64QAM	1	0	21.96	21.28	21.11	22.7	3				
20	64QAM	50	0	21.36	21.27	21.18						
20	64QAM	50	72	21.08	21.26	21.18						
20	64QAM	50	96	21.07	21.28	21.09						
20	256QAM	1	0	19.90	19.22	19.17	20.7	5				
20	256QAM	1	48	19.93	19.27	19.08						
20	256QAM	50	0	19.93	19.31	19.18						
20	256QAM	50	24	19.93	19.27	19.04						
20	256QAM	50	72	19.90	19.22	19.06	20.7	5				
20	256QAM	50	96	19.90	19.22	19.06						
20	256QAM	100	0	19.94	19.23	19.13						
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.03	24.37	24.15				25.7	0	
15	QPSK	1	37	24.04	24.22	24.15						
15	QPSK	1	74	24.05	24.26	24.03						
15	QPSK	36	0	23.13	23.30	23.13						
15	QPSK	36	36	23.04	23.29	23.24	24.7	1				
15	QPSK	75	0	23.13	23.28	23.09						
15	16QAM	1	0	23.06	23.14	23.11						
15	16QAM	1	37	23.14	23.18	23.04						
15	16QAM	1	74	23.07	23.20	23.04	24.7	1				
15	16QAM	36	0	22.08	22.27	22.17						
15	16QAM	36	36	22.08	22.17	22.07						
15	16QAM	36	74	22.00	22.26	22.00						
15	16QAM	75	0	22.10	22.30	22.11	23.7	2				
15	16QAM	1	0	22.10	22.28	22.11						
15	16QAM	1	37	22.07	22.21	22.11						
15	16QAM	1	74	22.02	22.23	22.05						
15	64QAM	36	0	21.04	21.31	21.22	22.7	3				
15	64QAM	36	36	21.00	21.28	21.14						
15	64QAM	36	74	21.01	21.31	21.15						
15	64QAM	1	0	19.97	19.38	19.23						
15	256QAM	1	0	19.97	19.38	19.23	20.7	5				
15	256QAM	1	37	19.11	19.31	19.12						
15	256QAM	36	0	19.18	19.29	19.25						
15	256QAM	36	36	19.13	19.24	19.07						
15	256QAM	36	74	19.05	19.20	19.01	20.7	5				
15	256QAM	15	0	19.00	19.25	19.00						
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.11	24.26	24.15	25.7	0				
10	QPSK	1	25	24.09	24.22	24.10						
10	QPSK	1	48	24.10	24.25	24.08						
10	QPSK	25	0	23.06	23.29	23.20						
10	QPSK	25	25	23.00	23.08	23.05	24.7	1				
10	QPSK	25	25	23.03	23.23	23.15						
10	QPSK	50	0	23.06	23.26	23.15						
10	16QAM	1	0	23.08	23.18	23.15						
10	16QAM	1	48	23.07	23.29	23.12	24.7	1				
10	16QAM	25	0	22.98	22.26	22.14						
10	16QAM	25	25	22.94	22.28	22.09						
10	16QAM	50	0	22.11	22.29	22.08						
10	16QAM	1	0	22.07	22.26	22.11	23.7	2				
10	16QAM	1	25	22.04	22.26	22.12						
10	64QAM	1	48	22.03	22.31	22.16						
10	64QAM	25	0	21.09	21.21	21.13						
10	64QAM	25	12	21.06	21.32	21.24	22.7	3				
10	64QAM	25	25	21.06	21.28	21.15						
10	64QAM	50	0	21.03	21.26	21.09						
10	256QAM	1	0	19.98	19.25	19.14						
10	256QAM	1	25	19.94	19.26	19.07	20.7	5				
10	256QAM	1	48	19.16	19.36	19.12						
10	256QAM	25	12	19.07	19.21	19.03						
10	256QAM	25	25	19.03	19.24	19.10						
10	256QAM	50	0	19.08	19.25	19.08	20.7	5				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.12	24.30	24.23	25.7	0				
5	QPSK	1	12	24.05	24.17	24.13						
5	QPSK	1	24	24.08	24.19	24.10						
5	QPSK	12	0	23.06	23.23	23.09						
5	QPSK	12	6	23.08	23.11	23.05	24.7	1				
5	QPSK	12	12	23.06	23.27	23.16						
5	QPSK	12	18	23.11	23.24	23.07						
5	QPSK	25	0	23.03	23.20	23.08						
5	16QAM	1	0	23.00	23.20	23.08	24.7	1				
5	16QAM	1	24	23.02	23.24	23.21						
5	16QAM	12	0	22.01	22.35	22.13						
5	16QAM	12	6	22.03	22.26	22.12						
5	16QAM	25	0	22.02	22.25	22.16	23.7	2				
5	16QAM	1	0	22.07	22.25	22.16						
5	64QAM	1	24	22.12	22.23	22.12						
5	64QAM	12	0	21.15	21.23	21.21						
5	64QAM	12	6	21.06	21.31	21.18	22.7	3				
5	64QAM	25	0	21.03	21.33	21.20						
5	64QAM	25	0	21.06	21.32	21.18						
5	256QAM	1	0	19.90	19.38	19.20						
5	256QAM	1	12	19.07	19.23	19.19	20.7	5				
5	256QAM	12	0	19.04	19.25	19.14						
5	256QAM	12	6	19.13	19.25	19.08						
5	256QAM	25	0	19.03	19.24	19.10						

Band 41 Ant3 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPE (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	24.03	24.13	24.12	24.12	24.12	25.7	0
20	QPSK	1	48	24.00	24.14	24.30	24.30	24.34		
20	QPSK	1	96	24.02	24.24	24.34	24.35	24.38		
20	QPSK	60	0	23.17	23.17	23.18	23.20	23.16		
20	QPSK	50	24	23.21	23.24	23.33	23.14	23.39	24.7	1
20	QPSK	50	96	23.16	23.18	23.30	23.18	23.27		
20	QPSK	100	0	23.07	23.17	23.42	23.33	23.34		
20	16QAM	1	0	23.03	23.15	23.15	23.15	23.20		
20	16QAM	1	48	23.31	23.14	23.41	23.17	23.26	24.7	1
20	16QAM	1	96	23.28	23.10	23.30	23.16	23.20		
20	16QAM	50	0	22.31	22.20	22.34	22.28	22.15		
20	16QAM	50	24	22.32	22.26	22.33	22.41	22.41		
20	16QAM	50	72	22.32	22.15	22.31	22.17	22.37	23.7	2
20	16QAM	100	0	22.15	22.15	22.34	22.28	22.21		
20	16QAM	100	0	22.16	22.23	22.47	22.33	22.32		
20	16QAM	100	0	22.17	22.24	22.48	22.34	22.33		
20	64QAM	1	0	22.38	22.19	22.30	22.30	22.41	23.7	2
20	64QAM	1	48	22.39	22.20	22.31	22.31	22.42		
20	64QAM	1	96	22.19	22.14	22.37	22.17	22.34		
20	64QAM	1	144	22.19	22.28	22.41	22.21	22.38		
20	64QAM	50	24	21.30	21.19	21.40	21.37	21.25	22.7	3
20	64QAM	50	96	21.32	21.21	21.41	21.38	21.27		
20	64QAM	100	0	21.21	21.32	21.38	21.39	21.23		
20	64QAM	100	0	21.22	21.33	21.39	21.40	21.24		
20	256QAM	1	0	19.42	19.16	19.28	19.40	19.45	20.7	5
20	256QAM	1	48	19.24	19.16	19.46	19.45	19.46		
20	256QAM	50	72	19.33	19.31	19.46	19.46	19.46		
20	256QAM	50	24	19.14	19.25	19.52	19.24	19.28		
20	256QAM	50	96	19.20	19.23	19.47	19.27	19.31	20.7	5
20	256QAM	50	120	19.21	19.36	19.52	19.24	19.28		
20	256QAM	100	0	19.21	19.36	19.52	19.24	19.28		
20	256QAM	100	0	19.21	19.36	19.52	19.24	19.28		
Channel										
Frequency (MHz)										
15	QPSK	1	0	24.03	24.13	24.12	24.12	24.12	25.7	0
15	QPSK	1	48	24.00	24.14	24.30	24.30	24.34		
15	QPSK	1	96	24.02	24.24	24.34	24.35	24.38		
15	QPSK	60	0	23.17	23.17	23.18	23.20	23.16		
15	QPSK	50	24	23.24	23.24	23.23	23.16	23.16	24.7	1
15	QPSK	50	96	23.21	23.21	23.29	23.18	23.18		
15	QPSK	100	0	23.18	23.20	23.31	23.30	23.19		
15	16QAM	1	0	23.03	23.15	23.15	23.15	23.20		
15	16QAM	1	48	23.28	23.21	23.29	23.18	23.17	24.7	1
15	16QAM	1	96	23.17	23.15	23.25	23.25	23.26		
15	16QAM	50	0	22.30	22.20	22.34	22.28	22.15		
15	16QAM	50	24	22.31	22.25	22.33	22.41	22.41		
15	16QAM	50	72	22.31	22.15	22.31	22.17	22.37	23.7	2
15	16QAM	100	0	22.15	22.15	22.34	22.28	22.21		
15	16QAM	100	0	22.16	22.23	22.47	22.33	22.32		
15	16QAM	100	0	22.17	22.24	22.48	22.34	22.33		
15	64QAM	1	0	21.30	21.21	21.30	21.30	21.23	22.7	3
15	64QAM	1	48	21.32	21.21	21.36	21.37	21.24		
15	64QAM	1	96	21.35	21.22	21.31	21.37	21.21		
15	64QAM	50	24	21.36	21.25	21.35	21.38	21.25		
15	256QAM	1	0	19.24	19.16	19.46	19.46	19.46	20.7	5
15	256QAM	1	48	19.24	19.16	19.46	19.46	19.46		
15	256QAM	50	72	19.33	19.31	19.46	19.46	19.46		
15	256QAM	50	24	19.20	19.32	19.46	19.22	19.22		
15	256QAM	50	96	19.21	19.36	19.43	19.26	19.32	20.7	5
15	256QAM	50	120	19.21	19.36	19.43	19.26	19.32		
15	256QAM	100	0	19.24	19.14	19.32	19.34	19.16		
15	256QAM	100	0	19.24	19.14	19.32	19.34	19.16		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.14	24.17	24.22	24.27	24.19	25.7	0
10	QPSK	1	24	24.20	24.29	24.21	24.20	24.32		
10	QPSK	1	48	24.22	24.30	24.22	24.22	24.30		
10	QPSK	25	0	23.18	23.31	23.26	23.24	23.23		
10	QPSK	25	12	23.17	23.23	23.29	23.21	23.23	24.7	1
10	QPSK	25	36	23.20	23.19	23.24	23.26	23.28		
10	QPSK	50	0	23.24	23.27	23.29	23.20	23.23		
10	QPSK	50	24	23.25	23.18	23.26	23.29	23.23		
10	16QAM	1	0	23.03	23.27	23.08	23.09	23.16	24.7	1
10	16QAM	1	48	23.33	23.27	23.27	23.27	23.27		
10	16QAM	1	96	22.29	22.16	22.27	22.27	22.20		
10	16QAM	1	144	22.29	22.15	22.27	22.27	22.20		
10	16QAM	25	20	22.18	22.15	22.14	22.18	22.17	23.7	2
10	16QAM	25	44	22.19	22.25	22.22	22.24	22.23		
10	16QAM	50	0	22.30	22.22	22.22	22.24	22.23		
10	16QAM	50	24	22.21	22.16	22.16	22.14	22.22		
10	64QAM	1	0	21.30	21.14	21.18	21.23	21.18	22.7	3
10	64QAM	1	48	21.21	21.14	21.22	21.27	21.14		
10	64QAM	1	96	21.20	21.19	21.18	21.27	21.18		
10	64QAM	25	20	21.17	21.17	21.18	21.38	21.26		
10	256QAM	1	0	19.24	19.16	19.46	19.46	19.46	20.7	5
10	256QAM	1	48	19.28	19.20	19.41	19.32	19.22		
10	256QAM	1	96	19.38	19.17	19.36	19.21	19.16		
10	256QAM	1	144	19.23	19.27	19.38	19.24	19.24		
10	256QAM	25	20	19.15	19.18	19.39	19.18	19.28	20.7	5
10	256QAM	25	44	19.40	19.38	19.38	19.38	19.38		
10	256QAM	50	0	19.39	19.39	19.39	19.21	19.14		
10	256QAM	50	24	19.42	19.32	19.22	19.22	19.22		
Channel										
Frequency (MHz)										
5	QPSK	1	0	44.17	44.34	44.40	44.14	44.14	25.7	0
5	QPSK	1	12	44.24	44.24	44.26	44.26	44.14		
5	QPSK	1	24	44.23	44.24	44.26	44.26	44.14		
5	QPSK	12	0	23.24	23.20	23.31	23.18	23.14		
5	QPSK	12	12	23.25	23.20	23.31	23.26	23.18	24.7	1
5	QPSK	12	24	23.26	23.20	23.31	23.29	23.21		
5	QPSK	25	0	23.25	23.16	23.33	23.23	23.19		
5	16QAM	1	0	23.02	23.16	23.13	23.21	23.10		
5	16QAM	1	48	23.22	23.16	23.31	23.17	23.14	24.7	1
5	16QAM	1	96	23.02	23.16	23.31	23.17	23.14		
5	16QAM	12	0	22.23	22.14	22.33	22.30	22.25		
5	16QAM	12	12	22.24	22.18	22.28	22.30	22.25		
5	16QAM	12	24	22.21	22.19	22.28	22.31	22.25	23.7	2
5	16QAM	25	0	22.21	22.15	22.27	22.15	22.21		
5	16QAM	25	12	22.21	22.15	22.27	22.15	22.21		
5	64QAM	1	0	21.18	22.21	22.23	22.22	21.18		
5	64QAM	1	48	22.21	22.18	22.23	22.22	21.18	20.7	2
5	64QAM	1	96	22.21	22.18	22.23	22.22	21.18		
5	64QAM	1	144	22.21	22.16	22.29	22.17	22.23		
5	64QAM	12	0	21.24	21.24	21.27	21.22	21.21		
5	16QAM	12	12	21.18	21.18	21.28	21.18	21.22	22.7	3
5	16QAM	12	24	21.23	21.19	21.28	21.18	21.35		
5	256QAM	1	0	19.15	19.16	19.41	19.20	19.21		
5	256QAM	1	48	19.38	19.19	19.38	19.20	19.21		
5	256QAM	1	96	19.15	19.16	19.41	19.20	19.21	20.7	5
5	256QAM	1	144	19.38	19.19	19.38	19.20	19.21		
5	256QAM	12	0	19.18	19.20	19.39	19.20	19.20		
5	256QAM	12	12	19.21	19.21	19.39	19.20	19.20		
5	256QAM	12	24	19.35	19.41	19.27	19.35	19.29	20.7	5
5	256QAM	12	36	19.24	19.19	19.38	19.20	19.20		
5	256QAM	25	0	19.15	19.16	19.41	19.20	19.21		
5	256QAM	25	12	19.38	19.19	19.38	19.20	19.21		



GSM1900 Airtel Default								
GSM1900	Band Average Power (dBm)			Tx-Link (dBm)	Frame-Average Power (dBm)			Tx-Link (dBm)
	512	861	810		512	861	810	
TX Channel	1892.2	1893	1893.8		1892.2	1893	1893.8	
Frequency (MHz)	1880.2	1880	1880.8		1880.2	1880	1880.8	
GSM 1 Tx Wile	20.15	20.23	20.21	20.00	19.19	19.23	19.21	21.00
GPRS 1 Tx Wile	20.11	20.11	20.16	20.00	19.11	19.17	19.15	21.00
GPRS 2 Tx Wile	20.79	20.14	20.83	20.00	19.73	19.14	18.88	20.00
GPRS 3 Tx Wile	20.84	20.22	20.89	20.00	19.68	19.06	18.63	19.74
GPRS 4 Tx Wile	21.11	21.09	21.25	20.00	19.11	19.08	19.25	20.00
EDGE 1 Tx Wile	21.04	20.94	21.62	20.00	14.64	14.84	14.82	16.00
EDGE 2 Tx Wile	20.05	20.03	20.68	22.00	14.00	14.00	14.66	16.00
EDGE 3 Tx Wile	19.86	19.25	19.21	20.00	14.60	14.00	14.00	16.24
EDGE 4 Tx Wile	17.38	17.72	17.26	19.00	14.30	14.72	14.38	18.00

		WCDMA 3 Airtel Default			WCDMA 4 Airtel Default		
	BAND	WCDMA 3			WCDMA 4		
	TX Channel	9802	9800	Transmit Power	9802	9800	
	SC-Channel	9802	9800	Transmit Power	9802	9800	
	Frequency (MHz)	9802.4	9800	9807.6	1192.4	1192.3	
SCPP Rate 96	22.58	22.54	22.59	24.00	17.24	17.24	
SCPP Rate 96	22.57	22.62	22.60	24.00	22.26	22.26	
SCPP Rate 6	21.52	21.69	21.56	23.00	17.18	17.18	
SCPP Rate 6	21.60	21.55	21.63	23.00	21.17	21.52	
SCPP Rate 6	20.06	21.01	21.00	22.00	20.06	20.11	
SCPP Rate 6	21.03	21.06	21.03	22.00	20.04	20.01	
SCPP Rate 6	21.03	21.50	21.70	23.00	21.00	21.50	
SCPP Rate 6	21.52	21.60	21.56	23.00	21.22	21.21	
SCPP Rate 6	21.06	21.00	21.13	22.00	20.06	20.07	
SCPP Rate 6	21.05	21.07	21.08	22.00	20.02	20.00	
SCPP Rate 6	21.47	21.58	21.55	23.00	21.19	21.33	
SCPP Rate 6	19.51	19.96	19.86	21.00	19.15	19.08	
SCPP Rate 6	20.51	20.60	20.57	22.00	20.19	20.06	
SCPP Rate 6	19.82	19.71	19.86	21.00	19.21	19.34	
SCPP Rate 6	21.50	21.52	21.67	23.00	21.20	21.50	



Band 25 Ant4 Default													
BV [MHz]	Modulation	RB Size	RB Offset	Channel Line (MHz)	Channel Peak (MHz)	Channel High (MHz)	Turn-on time (sec)	APRS (dB)					
Channel													
20	QPSK	1	0	23.94	23.93	23.93							
20	QPSK	1	49	23.94	23.94	23.93	24	0					
20	QPSK	1	99	23.98	23.98	23.99							
20	QPSK	50	0	23.98	23.93	23.93							
20	QPSK	50	24	23.98	23.98	23.99	23	1					
20	QPSK	50	50	23.98	23.93	23.93							
20	QPSK	100	0	23.97	23.94	23.94							
20	16QAM	1	0	23.98	23.98	23.98							
20	16QAM	1	49	23.97	23.98	23.99	22	2					
20	16QAM	1	99	23.94	23.94	23.95							
20	16QAM	50	0	23.95	23.99	23.97							
20	16QAM	50	24	23.98	23.98	23.99	21	3					
20	16QAM	50	50	23.97	23.93	23.93							
20	64QAM	1	0	23.98	23.97	23.97							
20	64QAM	1	49	23.98	23.98	23.99	19	5					
20	256QAM	1	0	17.98	17.98	17.97							
20	256QAM	1	49	17.98	17.98	17.97	19	5					
20	256QAM	1	99	17.98	17.98	17.99							
20	256QAM	50	0	18.01	18.01	17.99							
20	256QAM	50	24	18.01	17.97	17.97	19	5					
20	256QAM	50	50	18.00	17.98	18.00							
20	256QAM	100	0	18.00	18.00	17.99							
Channel													
15	QPSK	1	0	22.97	22.99	22.99							
15	QPSK	1	37	22.97	22.97	22.97	24	0					
15	QPSK	1	74	23.94	23.91	23.90							
15	QPSK	36	0	22.98	22.97	22.97							
15	QPSK	36	20	22.97	23.93	23.94	23	1					
15	QPSK	36	38	22.98	23.92	23.93							
15	QPSK	75	0	23.94	22.91	22.90							
15	16QAM	1	0	22.99	23.98	23.92	23	1					
15	16QAM	1	37	22.98	23.97	23.97							
15	16QAM	1	74	22.99	23.94	23.94							
15	16QAM	36	0	23.96	23.96	23.96							
15	16QAM	36	20	23.96	23.96	23.96	22	2					
15	16QAM	36	38	23.96	23.96	23.96							
15	16QAM	75	0	23.96	23.96	23.96							
15	16QAM	75	1	23.96	23.96	23.96							
15	64QAM	1	0	23.96	23.96	23.96							
15	64QAM	1	37	23.96	23.96	23.96	21	3					
15	64QAM	1	74	23.96	23.96	23.96							
15	64QAM	36	0	23.96	23.96	23.96							
15	64QAM	36	20	23.96	23.96	23.96	22	2					
15	64QAM	36	38	23.96	23.96	23.96							
15	64QAM	75	0	23.96	23.96	23.96							
15	64QAM	75	1	23.96	23.96	23.96							
15	256QAM	1	0	17.92	17.93	17.93							
15	256QAM	1	37	17.93	17.93	17.93	19	5					
15	256QAM	1	74	17.93	17.93	17.93							
15	256QAM	36	0	18.00	18.00	17.99							
15	256QAM	36	20	18.00	17.98	17.98	19	5					
15	256QAM	36	38	18.00	17.98	17.98							
15	256QAM	75	0	18.01	18.01	17.99							
Channel													
10	QPSK	1	0	23.98	23.92	23.92							
10	QPSK	1	25	23.94	23.94	23.92	24	0					
10	QPSK	1	49	23.97	23.97	23.97							
10	QPSK	25	0	23.92	23.98	23.91							
10	QPSK	25	12	22.91	23.93	23.98	23	1					
10	QPSK	25	13	22.91	23.93	23.98							
10	QPSK	50	0	23.92	23.92	23.92							
10	QPSK	50	1	23.92	23.92	23.92	23	1					
10	16QAM	1	0	22.95	23.98	23.92							
10	16QAM	1	25	23.94	23.94	23.92	23	1					
10	16QAM	1	49	23.98	23.98	23.99							
10	16QAM	25	0	23.92	23.91	23.91							
10	16QAM	25	12	23.96	23.93	23.97	22	2					
10	16QAM	25	13	23.96	23.93	23.97							
10	16QAM	50	0	23.91	23.91	23.90							
10	16QAM	50	1	23.97	23.95	23.95	22	2					
10	64QAM	1	0	23.96	23.96	23.96							
10	64QAM	1	25	23.96	23.96	23.96	21	3					
10	64QAM	1	49	23.92	23.91	23.91							
10	64QAM	25	0	23.96	23.96	23.96							
10	64QAM	25	12	23.96	23.96	23.96	22	2					
10	64QAM	25	13	23.96	23.96	23.96							
10	64QAM	50	0	23.96	23.96	23.96							
10	64QAM	50	1	23.96	23.96	23.96							
10	256QAM	1	0	17.92	17.92	17.92							
10	256QAM	1	25	17.92	17.92	17.92	19	5					
10	256QAM	1	49	17.92	17.92	17.92							
10	256QAM	25	0	18.00	18.00	17.99							
10	256QAM	25	12	18.00	17.98	17.98	19	5					
10	256QAM	25	13	18.00	17.98	17.98							
10	256QAM	50	0	17.98	18.00	17.98							
Channel													
5	QPSK	1	0	23.98	23.97	23.98							
5	QPSK	1	12	23.98	23.93	23.94	24	0					
5	QPSK	1	24	23.98	23.97	23.97							
5	QPSK	12	0	23.97	23.97	23.98							
5	QPSK	12	7	23.94	23.94	23.99	23	1					
5	QPSK	12	13	23.97	23.98	23.97							
5	QPSK	24	0	23.98	23.98	23.97							
5	QPSK	24	7	23.98	23.98	23.97	23	1					
5	QPSK	24	13	23.98	23.98	23.97							
5	16QAM	1	0	23.98	23.94	23.92							
5	16QAM	1	12	23.93	23.94	23.92	23	1					
5	16QAM	1	24	23.98	23.97	23.97							
5	16QAM	12	0	23.97	23.97	23.97							
5	16QAM	12	7	23.91	23.93	23.97	21	3					
5	16QAM	12	13	23.97	23.98	23.97							
5	16QAM	24	0	23.98	23.98	23.98							
5	16QAM	24	7	23.98	23.98	23.97	22	2					
5	16QAM	24	13	23.98	23.98	23.97							
5	64QAM	1	0	23.96	23.96	23.96							
5	64QAM	1	12	23.96	23.96	23.96	22	2					
5	64QAM	1	24	23.96	23.96	23.96							
5	64QAM	12	0	23.96	23.96	23.96							
5	64QAM	12	7	23.91	23.93	23.97	21	3					
5	64QAM	12	13	23.97	23.98	23.97							
5	64QAM	24	0	23.98	23.98	23.98							
5	64QAM	24	7	23.98	23.98	23.97	22	2					
5	64QAM	24	13	23.98	23.98	23.97							
5	256QAM	1	0	17.92	17.92	17.92							
5	256QAM	1	12	17.92	17.92	17.92	19	5					
5	256QAM	1	24	17.92	17.92	17.92							
5	256QAM	12	0	18.00	18.00	17.99							
5	256QAM	12	7	18.00	17.97	17.97	19	5					
5	256QAM	12	13	18.00	17.97	17.97							
5	256QAM	24	0	18.00	18.00	17.99							
Channel													
Frequency [MHz]	23.93 23.94 23.95												
3	QPSK	1	0	22.98	23.94	22.99							
3	QPSK	1	8	23.96	22.72	22.91	24	0					
3	QPSK	1	16	23.96	22.96	22.96							
3	QPSK	8	0	22.97	23.93	23.91							
3	QPSK	8	4	22.93	23.87	23.88	23	1					
3	QPSK	8	7	23.94	23.87	23.87							
3	QPSK	8	16	23.96	23.96	23.96							
3	QPSK	1	0	22.98	23.83	23.82							
3	16QAM	1	8	23.94	23.82	23.80	23	1					
3	16QAM	1	16	23.96	23.82	23.82							
3	16QAM	8	0	23.91	23.91	23.90							
3	16QAM	8	4	23.96	23.80	23.87							
3	16QAM	8	7	23.96	23.80	23.87	22	2					
3	16QAM	15	0	23.91	23.91	23.90							
3	64QAM	1	0	23.97	23.91	23.91							
3	64QAM	1	8	23.97	23.94	23.94	22	2					
3	64QAM	1	16	23.96	23.96	23.96							
3	64QAM	8	0	23.96	23.91	23.91							
3	64QAM	8	4	23.92	23.84	23.89	21	3					
3	64QAM	8	7	23.96	23.84	23.89							
3	64QAM	15	0	23.96	23.97	23.94							
3	256QAM	1	0	18.00	18.11	17.97							
3	256QAM	1	8	17.92	18.00	17.97	19	5					
3	256QAM	1	16	18.00	17.94	17.95							
3	256QAM	8	0	18.00	18.00	17.92							
3	256QAM	8	4	18.21	17.98	17.94	19	5					
3	256QAM	8	7	18.00	17.98	17.94							
3	256QAM	15	0	18.00	18.00	17.94							
Channel													
Frequency [MHz]	23.94 23.95 23.96												
1.4	QPSK	1	0	23.00	23.94	23.91							
1.4	QPSK	1	3	22.99	23.91	23.92	24	0					
1.4	QPSK	1	5	22.91	23.91	23.91							
1.4	QPSK	3	0	22.99	23.91	23.91							
1.4	QPSK	3	1	22.76	23.91	23.91	23	1					
1.4	QPSK	3	3	22.95	23.90	23.79							
1.4	QPSK	3	5	23.96	23.90	23.90	23	1					
1.4	QPSK	1	0	23.97	23.90	23.71							
1.													



Band 38 Ant4 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Med Ch / Freq	Power High Ch / Freq	Turn-up limit (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.96	23.08	22.83	24	0		
20	QPSK	1	48	22.96	23.08	22.79				
20	QPSK	1	96	22.99	22.94	22.78				
20	QPSK	1	144	22.99	22.97	22.85				
20	QPSK	50	24	21.99	21.88	21.81	23	1		
20	QPSK	50	50	21.99	21.88	21.86				
20	QPSK	100	0	21.93	22.01	21.79				
20	QPSK	100	48	21.93	22.01	21.86				
20	16QAM	1	0	21.98	22.07	21.85	23	1		
20	16QAM	1	48	21.98	22.07	21.78				
20	16QAM	1	96	21.97	22.00	21.90				
20	16QAM	50	0	20.97	21.03	20.92				
20	16QAM	50	24	20.96	20.99	20.81	22	2		
20	16QAM	50	50	20.99	20.95	20.75				
20	16QAM	100	0	20.92	21.00	20.81				
20	16QAM	100	48	20.95	20.99	20.87				
20	64QAM	1	0	20.99	20.81	20.71	22	2		
20	64QAM	1	48	20.99	20.81	20.71				
20	64QAM	50	0	20.01	20.08	19.90				
20	64QAM	50	24	20.00	20.01	19.74				
20	64QAM	50	50	19.97	20.05	19.81	21	3		
20	256QAM	1	0	17.95	18.01	17.89				
20	256QAM	1	48	17.97	17.88	17.72				
20	256QAM	50	0	17.84	18.04	17.80				
20	256QAM	50	24	17.85	17.92	17.80	19	5		
20	256QAM	50	50	17.95	17.92	17.79				
20	256QAM	100	0	17.95	17.93	17.84				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.73	23.63	23.73	24	0		
15	QPSK	1	37	22.95	22.86	22.77				
15	QPSK	1	74	22.99	23.03	22.73				
15	QPSK	36	0	21.87	21.85	21.88				
15	QPSK	36	36	21.90	21.81	21.82	23	1		
15	QPSK	75	0	21.92	22.04	21.78				
15	16QAM	1	0	21.84	21.85	21.83				
15	16QAM	1	37	22.02	22.00	21.74				
15	16QAM	1	74	21.95	22.08	21.83	23	1		
15	16QAM	36	0	20.97	21.81	20.89				
15	16QAM	36	36	20.99	21.93	20.80				
15	16QAM	36	36	20.96	20.92	20.75				
15	16QAM	75	0	20.98	20.98	20.83	22	2		
15	16QAM	1	0	20.98	20.98	20.70				
15	16QAM	1	74	21.01	20.96	20.82				
15	64QAM	36	0	20.94	20.15	19.91				
15	64QAM	36	24	20.90	19.90	19.89	21	3		
15	64QAM	36	36	20.05	19.94	19.89				
15	256QAM	1	0	18.05	18.07	17.84				
15	256QAM	1	0	17.93	18.05	17.81				
15	256QAM	1	74	18.01	17.93	17.88	19	5		
15	256QAM	36	0	17.85	18.08	17.77				
15	256QAM	36	24	17.86	18.03	17.75				
15	256QAM	36	36	17.95	17.97	17.85				
15	256QAM	15	0	17.85	17.88	17.78				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.00	23.05	22.93	24	0		
10	QPSK	1	25	22.97	22.92	22.92				
10	QPSK	1	48	22.97	22.87	22.85				
10	QPSK	25	0	21.87	22.07	21.86				
10	QPSK	25	12	22.03	21.84	21.75	23	1		
10	QPSK	50	0	21.87	22.00	21.75				
10	16QAM	1	0	21.98	21.81	21.85				
10	16QAM	1	48	21.99	21.94	21.95				
10	16QAM	25	0	20.90	21.03	20.90	23	1		
10	16QAM	25	12	21.01	20.94	20.93				
10	16QAM	25	25	20.93	20.97	20.72				
10	16QAM	50	0	20.97	21.05	20.76				
10	16QAM	50	12	20.93	20.97	20.72	22	2		
10	64QAM	1	0	20.93	21.03	20.89				
10	64QAM	1	24	21.00	20.95	20.86				
10	64QAM	1	48	21.04	20.93	20.84				
10	64QAM	25	0	20.92	20.96	19.83	21	3		
10	64QAM	25	12	19.97	19.97	19.70				
10	64QAM	25	25	20.06	19.89	19.87				
10	64QAM	50	0	20.01	20.09	19.84				
10	256QAM	1	0	17.97	18.01	17.90	19	5		
10	256QAM	1	24	18.01	17.88	17.73				
10	256QAM	1	48	18.05	17.91	17.74				
10	256QAM	25	0	17.95	18.10	17.86				
10	256QAM	25	12	18.04	17.99	17.82	19	5		
10	256QAM	25	25	17.97	17.95	17.74				
10	256QAM	50	0	17.91	17.97	17.88				
10	256QAM	50	0	17.91	17.87	17.88				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.03	23.02	22.83	24	0		
5	QPSK	1	12	22.93	22.90	22.80				
5	QPSK	1	24	22.97	22.92	22.75				
5	QPSK	12	0	21.88	21.81	21.86				
5	QPSK	12	6	22.00	21.86	21.89	23	1		
5	QPSK	25	0	22.11	21.89	21.86				
5	QPSK	25	1	22.06	21.87	21.83				
5	QPSK	1	0	22.03	21.94	21.79				
5	16QAM	1	12	22.01	21.93	21.88	23	1		
5	16QAM	1	24	22.01	21.93	21.88				
5	16QAM	1	24	22.01	21.93	21.88				
5	16QAM	12	6	20.99	20.94	20.78				
5	16QAM	12	12	20.92	20.91	20.72	22	2		
5	16QAM	25	0	20.89	20.99	20.83				
5	64QAM	1	0	20.90	20.86	20.91				
5	64QAM	1	0	20.90	20.98	20.79				
5	64QAM	1	24	20.99	21.04	20.81	21	3		
5	64QAM	12	0	19.95	20.10	19.89				
5	64QAM	12	6	19.95	19.88	19.76				
5	64QAM	25	0	20.03	20.01	19.75				
5	256QAM	1	0	17.96	18.05	17.84	19	5		
5	256QAM	1	12	17.99	17.84	17.77				
5	256QAM	1	24	17.98	17.87	17.84				
5	256QAM	1	0	17.97	18.10	17.87				
5	256QAM	12	6	17.95	17.95	17.82	19	5		
5	256QAM	12	12	17.97	17.96	17.81				
5	256QAM	25	0	17.85	17.89	17.82				
5	256QAM	25	0	17.85	17.89	17.82				

Band 41 Ant4 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Med Ch / Freq	Power High Ch / Freq	Power High Med Ch / Freq	Turn-up limit (dBm)	MPE (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	22.82	23.01	23.10	23.05	22.97	24	0	
20	QPSK	1	48	22.78	22.96	22.96	22.92	22.94			
20	QPSK	1	96	22.87	23.00	23.06	23.00	22.97			
20	QPSK	50	0	21.92	21.96	22.00	21.96	21.92			
20	QPSK	50	24	21.88	21.88	21.86	21.83	21.73	23	1	
20	QPSK	50	50	21.84	21.84	21.82	21.80	21.78			
20	QPSK	100	0	21.71	21.97	22.18	22.00	21.92			
20	QPSK	100	48	21.83	21.86	21.82	21.80	21.78			
20	16QAM	1	0	21.93	21.94	22.07	22.01	21.97	23	1	
20	16QAM	1	48	21.73	22.00	22.06	22.00	21.96			
20	16QAM	1	96	21.81	22.05	22.06	22.07	21.84			
20	16QAM	50	0	21.83	21.98	22.04	21.98	21.82			
20	16QAM	50	24	20.89	20.94	20.91	20.88	20.82	22	2	
20	16QAM	50	50	20.85	20.90	20.89	20.88	20.82			
20	16QAM	100	0	20.90	20.91	21.05	21.11	21.09			
20	16QAM	100	48	20.92	20.95	21.00	21.04	20.92			
20	64QAM	1	0	20.73	21.01	21.10	21.04	20.85	22	2	
20	64QAM	1	48	20.63	21.11	20.94	21.11	20.90			
20	64QAM	1	96	20.89	20.98	20.99	20.98	20.82			
20	64QAM	50	0	19.76	20.11	20.11	20.10	19.74			
20	64QAM	100	0	19.81	20.03	19.91	20.08	19.74	21	3	
20	64QAM	100	48	19.85	20.05	19.95	20.08	19.82			
20	256QAM	1	0	17.85	18.05	17.97	17.96	17.78			
20	256QAM	1	48	17.82	17.97	17.89	17.86	17.67			
20	256QAM	50	0	17.77	17.91	17.85	17.84	17.67	19	5	
20	256QAM	50	24	17.85	18.10	18.02	17.98	17.81			
20	256QAM	50	50	17.75	17.86	17.81	17.80	17.65			
20	256QAM	100	0	17.63	18.09	17.95	18.11	17.81			
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.63	22.83	22.93	22.87	22.83	24	0	
15	QPSK	1	37	22.61	22.89	23.01	23.02	22.90			
15	QPSK	1	74	22.43	23.00	22.87	22.94	22.73			
15	QPSK	50	0	21.71	21.84	21.88	21.84	21.73			
15	QPSK	50	37	21.77	21.94	22.07	22.14	22.05	23	1	
15	QPSK	50	74	21.58	21.89	21.89	21.84	21.78			
15	QPSK	75	0	21.82	22.11	22.01	22.00	21.88			
15	QPSK	75	37	21.77	21.89	21.87	21.84	21.78			
15	16QAM	1	0	21.72	21.97	22.13	22.08	21.98	23	1	
15	16QAM	1	37	21.76	21.99	22.09	22.07	21.87			
15	16QAM	1	74	21.64	22.02	22.00	22.00	21.84			
15	16QAM	50	0	20.77	20.91	20.76	20.89	20.67			
15	16QAM	50	37	20.84	21.08	21.07	21.07	20.78	22	2	
15	16QAM	75	0	20.92	20.99	21.02	21.04	20.89			
15	16QAM	75	37	20.87	21.03	21.03	21.03	20.89			
15	16QAM	100	0	20.70	20.98	21.03	21.04	20.69			
15	64QAM	1	0	20.68	20.97	21.02	21.03	20.63	22	2	
15	64QAM	1	37	20.70	20.98	21.03	21.04	20.69			
15	64QAM	1	74	20.68	20.97	21.02	21.03	20.63			
15	64QAM	50	0	19.85	19.95	20.17	20.20	19.89			
15	64QAM	50	37	19.91	20.01	20.13	20.16	19.86	21	3	
15	64QAM	50	74	19.81	20.03	20.13	20.16	19.86			
15	64QAM	75	0	19.88	19.98	20.03	20.07	19.83			
15	64QAM	75	37	19.74	19.85	19.90	19.90	19.74			
15	256QAM	1	0	17.76	18.06	18.11	18.08	18.07	19	5	
15	256QAM	1	37	17.71	17.96	17.96	17.96	17.71			
15	256QAM	50	0	17.78	17.86	17.88	17.73	17.85			
15	256QAM	50	37	17.78	17.86	17.86	17.73	17.85			
15	256QAM	50	74	17.72	17.70	18.00	18.04	17.72	19	5	
15	256QAM	75	0	17.76	18.11	18.12	17.94	17.97			
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.78	22.86	23.03	22.97	22.87	24	0	
10	QPSK	1	26	22.87	22.97	22.89	22.98	22.74			
10	QPSK	1	52	22.82	22.92	22.84	22.93	22.69			
10	QPSK	25	0	21.83	21.90	22.08	22.03	22.06			
10	QPSK	25	12	21.80	21.90	22.05	22.00	21.98	23	1	
10	QPSK	25	38	21.82	21.94	22.06	22.01	21.96			
10	QPSK	50	0	21.63	21.94	22.03	21.96	21.81			
10	QPSK	50	12	21.79	21.93	22.01	21.95	21.78			
10	16QAM	1	0	21.81	22.13	22.17	22.13	22.00	23	1	
10	16QAM	1	26	21.84	22.14	22.14	22.14	21.84			
10	16QAM	1	52	20.81	21.00	21.01	21.02	21.08			
10	16QAM	25	0	20.84	21.15	21.21	21.02	20.95			
10	16QAM	25	12	20.81	21.14	21.09	21.07	21.11	22	2	
10	16QAM	25	38	20.76	20.92	21.02	21.00	21.04			
10	64QAM	1	0	20.74	20.99	20.98	20.98	21.06			
10	64QAM	1	26	20.71	21.02	21.02	21.02	21.02			
10	64QAM	25	0	19.85	20.06	20.07	19.98	19.78	21	3	
10	64QAM	25	12	19.82	20.05	20.05	20.05	19.82			
10	64QAM	25	38	19.74	19.98	19.85	19.88	19.80			
10	64QAM	50	0	17.75	18.06	18.14	17.88	17.91			
10	256QAM	1	0	17.76	18.06	18.16	18.13	17.92	19	5	
10	256QAM	1	26	17.71	17.96	17.96	17.96	17.71			
10	256QAM	25	0	17.60	17.84	18.01	17.86	17.92			
10	256QAM	25	12	17.66	18.03	18.03	17.88	17.83			
10	256QAM	25	38	17.77	17.74	17.98	18.06	17.67	19	5	
10	256QAM	50	0	17.78	18.04	18.04	17.90	17.95			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.72	22.80	23.04	22.94	22.78	24	0	
5	QPSK	1	12	22.69	22.84	22.94	22.97	22.71			
5	QPSK	1	24	22.61	22.84	22.94	22.97	22.65			
5	QPSK	12	1	21.75	22.13	22.09	21.93	21.90			
5	QPSK	12	13	21.72	22.09	22.09	21.93	21.90	23	1	
5	QPSK	12	25	21.84	22.00	22.04	21.93	21.91			
5	16QAM	1	0	21.79	22.10	22.03	22.08	21.94			
5	16QAM	1	12	21.77	22.07	22.09	22.11	21.87			
5	16QAM	12	1	20.65	20.89	20.80	21.94	21.21	22	2	
5	16QAM	12	13	20.77	20.88	20.81	21.94	21.21			
5	16QAM	12	25	20.63	20.99	21.04	20.77	20.79			
5	16QAM	25	1	20.78	21.14	21.14	21.04	21.10			
5	64QAM	1	0	20.73	21.12	21.19	21.12	21.01	21	3	
5	64QAM	1	12	20.76	21.12	21.12	21.04	20.94			
5	64QAM	1	24	20.75	21.13	21.13	20.94	20.91			
5	64QAM	12	1	19.92	20.08	20.21	19.97	19.89			
5	64QAM	12	13	19.86	20.07	20.07	19.97	19.89	21	3	
5	64QAM	12	25	19.85	20.01	20.01	20.03	19.89			
5	256QAM	1	0	17.82	18.12	18.17	18.17	17.68			
5	256QAM	1	12	17.83	18.06	18.06	18.06	17.68			
5	256QAM	1	24	17.81	18.09	18.02	18.02	17.89	19	5	
5	256QAM	12	1	17.77	17.81	17.81	17.81	17.81			
5	256QAM	12	13	17.75	17.81	17.84	18.00	17.78			
5	256QAM	12	25	17.86	18.03	18.03	18.13	17.86			

Band 4 Ant5 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power High Ch./F.Freq.	Power High Ch./F.Freq.	Turn-on Rate (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.71	22.83	22.79			24.5	0
20	QPSK	1	49	22.72	22.80	22.81				
20	QPSK	1	99	22.80	22.71	22.69				
20	QPSK	50	0	21.69	21.88	21.80			23.5	1
20	QPSK	50	24	21.79	21.76	21.76				
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	22.81	21.97	22.02				
20	16QAM	50	0	20.70	20.78	20.82			22.5	2
20	16QAM	50	24	20.77	20.75	20.88				
20	16QAM	50	50	20.70	20.77	20.82				
20	16QAM	100	0	20.74	20.73	20.85				
20	64QAM	1	0	20.89	20.93	20.99			22.5	2
20	64QAM	1	49	20.95	20.99	20.96				
20	64QAM	1	99	20.89	20.81	20.88				
20	64QAM	50	0	19.69	19.78	19.82			21.5	3
20	64QAM	50	24	19.79	19.74	19.96				
20	64QAM	50	50	19.72	19.78	19.84				
20	64QAM	100	0	19.75	19.73	19.86				
20	16QAM	1	49	17.34	17.47	17.69			19.5	5
20	16QAM	1	49	17.33	17.71	17.79				
20	256QAM	1	99	17.83	17.85	17.79				
20	256QAM	50	0	17.82	17.88	17.80			19.5	5
20	256QAM	50	24	17.83	17.90	17.89				
20	256QAM	50	50	17.93	18.10	18.08				
20	256QAM	100	0	17.94	17.97	18.00				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.80	22.81	22.85			24.5	0
15	QPSK	1	37	22.87	22.83	22.86				
15	QPSK	1	74	22.91	22.78	22.67				
15	QPSK	36	0	21.65	21.76	21.80			23.5	1
15	QPSK	36	39	21.79	21.70	21.85				
15	QPSK	36	39	21.61	21.77	21.76				
15	QPSK	75	0	21.67	21.68	21.86				
15	16QAM	1	0	21.61	22.03	22.11			23.5	1
15	16QAM	1	37	22.19	22.02	22.29				
15	16QAM	1	74	22.16	21.87	21.82				
15	16QAM	36	0	20.62	20.77	20.78			22.5	2
15	16QAM	36	39	20.61	20.74	20.90				
15	16QAM	36	39	20.59	20.81	20.88				
15	16QAM	75	0	20.62	20.74	20.76				
15	64QAM	1	0	20.78	20.82	20.91			22.5	2
15	64QAM	1	37	20.84	21.05	21.08				
15	64QAM	1	74	20.84	20.85	20.92				
15	64QAM	36	0	19.69	19.82	19.69			21.5	3
15	64QAM	36	39	19.68	19.85	19.88				
15	64QAM	36	39	19.70	19.85	19.71				
15	64QAM	75	0	19.81	19.77	19.76				
15	256QAM	1	49	17.82	17.88	17.80			19.5	5
15	256QAM	1	37	17.85	17.78	17.99				
15	256QAM	1	74	17.85	17.84	17.89				
15	256QAM	36	0	17.82	17.88	17.80			19.5	5
15	256QAM	36	39	18.02	17.88	17.99				
15	256QAM	36	39	18.04	18.03	17.93				
15	256QAM	75	0	17.98	17.81	17.83				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.68	22.81	22.81			24.5	0
10	QPSK	1	25	22.73	22.79	22.75				
10	QPSK	1	49	22.59	22.83	22.83				
10	QPSK	25	0	21.63	21.81	21.83			23.5	1
10	QPSK	25	12	21.75	21.80	21.83				
10	QPSK	25	25	21.61	21.80	21.72				
10	QPSK	50	0	21.63	21.80	21.82				
10	16QAM	1	0	22.11	22.05	22.21			23.5	1
10	16QAM	1	25	22.13	22.09	22.28				
10	16QAM	1	49	22.34	22.07	22.07				
10	16QAM	25	0	20.78	20.73	20.79			22.5	2
10	16QAM	25	12	20.84	20.82	20.94				
10	16QAM	25	25	20.72	20.71	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	64QAM	1	25	21.00	21.13	21.03				
10	64QAM	1	49	20.85	20.79	20.82				
10	64QAM	25	0	19.69	19.75	19.79			21.5	3
10	64QAM	25	12	19.75	19.80	19.82				
10	64QAM	25	25	19.72	19.80	19.86				
10	64QAM	50	0	19.65	19.82	19.81				
10	256QAM	1	49	17.71	17.83	17.85			19.5	5
10	256QAM	1	25	17.88	17.89	17.93				
10	256QAM	1	49	17.86	17.86	17.91				
10	256QAM	25	0	17.86	17.84	17.75			19.5	5
10	256QAM	25	12	17.83	18.01	17.93				
10	256QAM	25	25	17.90	17.99	18.06				
10	256QAM	50	0	17.89	17.87	17.83				
Channel										
Frequency (MHz)										
19975	QPSK	1	0	22.65	22.80	22.73			24.5	0
19975	QPSK	1	12	22.72	22.82	22.81				
19975	QPSK	1	24	22.51	22.89	22.81				
19975	QPSK	12	0	21.63	21.83	21.85			23.5	1
19975	QPSK	12	7	21.71	21.80	21.80				
19975	QPSK	12	13	21.63	21.71	21.80				
19975	QPSK	25	0	21.73	21.80	21.82				
19975	16QAM	1	0	21.96	22.15	22.21			23.5	1
19975	16QAM	1	12	22.14	22.10	22.21				
19975	16QAM	1	24	21.97	21.98	22.05				
19975	16QAM	12	0	20.89	20.81	20.88			22.5	2
19975	16QAM	12	7	20.78	20.71	20.95				
19975	16QAM	12	13	20.85	20.82	20.81				
19975	16QAM	25	0	20.86	20.79	20.88				
19975	16QAM	1	0	20.93	20.98	20.86			22.5	2
19975	16QAM	1	12	20.85	21.18	20.91				
19975	64QAM	1	24	21.00	20.71	20.77				
19975	64QAM	12	0	19.58	19.89	19.82			21.5	3
19975	64QAM	12	7	19.85	19.75	19.86				
19975	64QAM	12	13	19.76	19.73	19.84				
19975	64QAM	25	0	19.76	19.79	19.96				
19975	256QAM	1	0	17.73	17.82	17.78			19.5	5
19975	256QAM	1	12	17.69	17.87	17.76				
19975	256QAM	1	24	17.86	17.89	17.86				
19975	256QAM	12	0	17.85	17.87	17.77			19.5	5
19975	256QAM	12	7	18.00	17.99	17.96				
19975	256QAM	12	13	17.86	18.08	17.80				
19975	256QAM	25	0	17.76	17.85	17.86				
Channel										
Frequency (MHz)										
19965	QPSK	1	0	22.65	22.80	22.73			24.5	0
19965	QPSK	1	8	22.78	22.80	22.71				
19965	QPSK	1	14	22.57	22.77	22.75				
19965	QPSK	8	0	21.80	21.75	21.71			23.5	1
19965	QPSK	8	4	21.87	21.75	21.89				
19965	QPSK	8	7	21.84	21.77	21.84				
19965	QPSK	16	0	21.84	21.74	21.90				
19965	16QAM	1	0	22.16	21.96	22.22			23.5	1
19965	16QAM	1	8	22.28	22.26	22.27				
19965	16QAM	1	16	21.95	22.08	22.01				
19965	16QAM	8	0	20.71	20.67	20.77			22.5	2
19965	16QAM	8	4	20.81	20.68	20.81				
19965	16QAM	8	7	20.85	20.72	20.79				
19965	16QAM	16	0	20.85	20.66	20.94				
19965	16QAM	1	0	20.86	21.02	20.97			22.5	2
19965	16QAM	1	8	20.86	21.15	20.80				
19965	64QAM	1	14	20.95	20.86	20.82				
19965	64QAM	1	8	19.87	19.78	19.83			21.5	3
19965	64QAM	8	7	19.66	19.69	19.94				
19965	16QAM	1	0	17.73	17.78	17.86			19.5	5
19965	256QAM	1	8	17.83	17.83	17.88				
19965	256QAM	1	14	17.69	17.74	17.80				
19965	256QAM	8	0	17.79	17.80	17.81			19.5	5
19965	256QAM	8	7	17.94	18.21	17.87				
19965	256QAM	16	0	17.81	17.89	17.81				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.65	22.82	22.73			24.5	0
1.4	QPSK	1	7	22.71	22.79	22.76				
1.4	QPSK	1	14	22.52	22.78	22.76				
1.4	QPSK	7	0	21.69	21.76	21.77			23.5	1
1.4	QPSK	7	3	22.59	22.76	22.78				
1.4	QPSK	7	6	21.84	21.65	21.80				
1.4	QPSK	3	0	22.29	22.75	22.63			22.5	1
1.4	QPSK	3	0	21.87	21.85	21.88				
1.4	QPSK	3	15	22.07	22.17	22.20				
1.4	16QAM	1	0	21.67	21.78	21.71			23.5	1
1.4										



Band 38 Ant5 Default												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPE (dB)				
Channel												
Frequency (MHz)												
38760 38900 38160												
20	QPSK	1	0	23.04	23.24	23.00	24.5	0				
20	QPSK	1	48	23.07	23.18	23.10						
20	QPSK	1	96	23.10	23.10	23.10						
20	QPSK	50	0	22.11	22.20	22.04						
20	QPSK	50	24	22.10	22.18	22.11	23.5	1				
20	QPSK	50	36	22.18	22.15	22.14						
20	QPSK	100	0	22.11	22.13	22.04						
20	16QAM	1	0	22.86	22.87	21.98						
20	16QAM	1	48	22.10	22.36	22.31	23.5	1				
20	16QAM	1	96	22.14	22.06	22.14						
20	16QAM	50	0	21.13	21.13	21.08						
20	16QAM	50	24	21.21	21.18	21.10						
20	16QAM	50	50	21.17	21.16	21.18	22.5	2				
20	16QAM	100	0	21.03	21.12	21.06						
20	64QAM	1	0	21.05	21.14	21.09						
20	64QAM	1	48	21.23	21.34	21.39						
20	64QAM	1	96	21.15	21.10	21.14	21.5	3				
20	64QAM	50	0	20.11	20.11	20.02						
20	64QAM	50	24	20.18	20.18	20.12						
20	64QAM	50	50	20.17	20.13	20.16						
20	64QAM	100	0	20.13	20.13	20.06	19.5	5				
20	256QAM	1	0	18.22	18.08	18.04						
20	256QAM	1	48	18.27	18.26	18.34						
20	256QAM	1	96	18.12	18.14	18.08						
20	256QAM	50	0	18.11	18.08	18.12	19.5	5				
20	256QAM	50	24	17.75	17.85	17.81						
20	256QAM	50	50	18.20	18.15	18.15						
20	256QAM	100	0	18.08	18.05	17.83						
Channel												
38760 38900 38175												
Frequency (MHz)												
38760 38900 38175												
15	QPSK	1	0	23.04	23.05	22.79	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						
15	QPSK	36	20	22.18	22.19	22.18	23.5	1				
15	QPSK	36	39	22.13	22.11	22.13						
15	16QAM	1	0	22.21	21.88	21.96						
15	16QAM	36	39	22.18	22.07	22.15						
15	16QAM	1	74	22.02	22.00	22.18	22.5	2				
15	16QAM	36	39	21.15	21.10	21.04						
15	16QAM	36	26	20.14	20.11	20.06						
15	16QAM	36	39	21.18	21.14	21.15						
15	16QAM	75	0	21.15	21.14	21.15	22.5	2				
15	64QAM	1	0	20.90	20.84	20.90						
15	64QAM	1	37	21.18	21.08	21.15						
15	64QAM	74	0	20.99	20.92	20.96						
15	64QAM	36	0	20.14	20.11	20.06	21.5	3				
15	64QAM	36	20	20.20	20.19	20.21						
15	64QAM	36	39	20.17	20.17	20.15						
15	64QAM	75	0	20.14	20.12	20.12						
15	256QAM	1	0	18.09	18.04	17.98	19.5	5				
15	256QAM	36	39	18.25	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	26	17.86	17.81	17.84	19.5	5				
15	256QAM	36	39	18.26	18.20	18.06						
15	256QAM	75	0	18.07	18.02	17.86						
Channel												
38760 38900 38175												
Frequency (MHz)												
38760 38900 38175												
10	QPSK	1	0	23.04	23.03	23.00	24.5	0				
10	QPSK	1	25	23.16	23.09	23.18						
10	QPSK	1	48	23.18	23.14	23.14						
10	QPSK	25	0	22.10	22.13	22.07						
10	QPSK	25	12	22.07	22.08	22.13	23.5	1				
10	QPSK	25	25	22.03	22.05	22.03						
10	QPSK	50	0	22.16	22.02	22.03						
10	16QAM	1	0	22.10	21.87	21.89						
10	16QAM	1	25	22.08	22.18	22.17	23.5	1				
10	16QAM	1	48	21.94	21.98	22.06						
10	16QAM	25	0	21.03	20.76	20.80						
10	16QAM	25	12	21.22	21.21	21.17						
10	16QAM	25	19	21.11	21.07	21.12	22.5	2				
10	16QAM	50	0	21.20	21.11	21.07						
10	64QAM	1	0	21.03	21.04	21.09						
10	64QAM	1	25	21.14	21.04	21.09						
10	64QAM	1	48	21.08	20.97	20.95	22.5	2				
10	64QAM	25	0	20.23	20.08	19.95						
10	64QAM	25	12	20.12	20.08	20.33						
10	64QAM	25	25	20.20	20.10	20.25						
10	64QAM	50	0	20.11	20.11	20.17	21.5	3				
10	256QAM	1	0	18.17	17.88	18.04						
10	256QAM	1	25	18.18	18.07	18.14						
10	256QAM	1	48	18.25	18.09	18.17						
10	256QAM	25	0	18.23	18.26	18.02	19.5	5				
10	256QAM	25	12	17.94	17.79	17.94						
10	256QAM	25	25	18.13	18.02	18.13						
10	256QAM	50	0	17.85	17.89	17.91						
Channel												
38760 38900 38175												
Frequency (MHz)												
38760 38900 38175												
5	QPSK	1	0	22.81	22.81	22.77	24.5	0				
5	QPSK	1	16	23.00	23.06	23.11						
5	QPSK	1	24	22.95	22.88	23.15						
5	QPSK	12	0	22.87	22.84	22.80						
5	QPSK	12	7	22.11	22.21	22.24	23.5	1				
5	QPSK	12	19	22.20	22.22	22.11						
5	QPSK	25	0	22.17	22.13	22.16						
5	16QAM	1	0	22.05	21.99	21.95						
5	16QAM	1	12	22.25	22.09	22.34	23.5	1				
5	16QAM	1	24	21.95	21.96	22.09						
5	16QAM	12	0	21.18	21.09	20.93						
5	16QAM	12	7	21.18	21.13	21.31						
5	16QAM	12	13	21.15	21.14	21.16	22.5	2				
5	16QAM	25	0	21.21	21.10	21.18						
5	64QAM	1	0	21.03	20.89	20.94						
5	64QAM	1	12	21.20	21.11	21.09						
5	64QAM	1	24	20.97	21.00	20.98	21.5	3				
5	64QAM	12	0	20.22	20.04	19.99						
5	64QAM	12	7	20.22	20.19	20.12						
5	64QAM	12	13	20.21	20.17	20.16						
5	64QAM	25	0	19.07	20.00	20.00	19.5	5				
5	256QAM	1	0	18.21	18.12	18.11						
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	19.5	5				
5	256QAM	12	7	17.88	17.85	18.02						
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 Ch / Freq	Power Low Power High Ch / Freq	Power Ch / Freq	Power Power High Ch / Freq	Power Ch / Freq	Power Power High Ch / Freq	Tune-up limit (dBm)	MPE (dB)
Channel											
Frequency (MHz)											
15	QPSK	5	0	23.25	23.04	23.04	23.27	23.03	23.83		
15	QPSK	1	48	23.25	23.00	22.87	22.94	22.84	23.84	24.5	0
15	QPSK	5	0	23.08	22.88	22.88	23.08	22.84	23.84		
15	QPSK	50	50	23.25	22.94	22.94	23.25	22.91	23.81		
15	QPSK	50	24	23.23	22.91	22.91	23.24	22.94	23.84	23.5	1
15	QPSK	50	0	23.23	22.94	22.94	23.23	22.94	23.84		
15	QPSK	100	0	23.20	22.95	22.95	23.20	22.94	23.84		
15	16QAM	1	0	22.45	22.30	22.27	22.50	22.27	23.87		
15	16QAM	5	0	22.66	22.42	22.42	22.66	22.42	23.82	23.5	1
15	16QAM	1	56	23.20	22.92	22.91	23.24	22.92	23.84		
15	16QAM	50	0	21.81	21.38	21.27	21.28	21.17	21.81		
15	16QAM	50	24	21.98	21.30	21.30	21.98	21.24	21.98	22.5	2
15	16QAM	50	50	21.47	21.35	21.36	21.51	21.24	21.84		
15	16QAM	50	0	21.87	21.34	21.26	21.26	21.16	21.84		
15	16QAM	50	24	21.48	21.22	21.22	21.48	21.16	21.84		
15	64QAM	1	48	21.54	21.34	21.16	21.38	21.23	21.54	22.5	2
15	64QAM	1	0	21.37	21.37	21.37	21.37	21.37	21.37		
15	64QAM	50	0	20.55	20.35	20.23	20.35	20.17	20.55		
15	64QAM	50	24	20.58	20.38	20.25	20.38	20.17	20.58	21.5	3
15	256QAM	50	0	19.48	19.33	19.33	19.48	19.23	19.48		
15	64QAM	100	0	20.61	20.34	20.24	20.21	19.15	20.61		
15	256QAM	1	0	17.95	17.91	18.25	18.05	18.15	17.95	19.5	5
15	256QAM	1	56	17.97	17.77	18.15	17.95	18.15	17.97		
15	256QAM	1	56	17.95	17.87	18.12	18.22	18.14	17.95		
15	256QAM	50	0	18.21	18.06	18.06	18.21	18.06	18.21		
15	256QAM	50	24	18.02	17.93	18.11	18.02	18.15	18.02	19.5	5
15	256QAM	50	50	18.25	18.12	18.27	17.88	18.01	18.25		
15	256QAM	50	50	18.25	18.12	18.27	18.25	18.12	18.25		
Channel											
Frequency (MHz)											
15	QPSK	1	37	23.17	22.79	22.67	22.68	22.69	24.50	0	
15	QPSK	1	74	22.98	22.64	22.66	22.77	22.70	24.50		
15	QPSK	1	111	22.79	22.68	22.68	22.79	22.69	24.50		
15	QPSK	36	20	23.25	22.99	22.97	23.26	22.97	24.51		
15	QPSK	36	20	23.23	22.91	22.97	23.27	22.91	24.51	23.5	1
15	QPSK	36	20	23.23	22.91	22.97	23.27	22.91	24.51		
15	QPSK	36	20	23.24	22.90	22.98	23.28	22.97	24.51		
15	16QAM	1	0	22.41	22.23	22.29	22.15	22.32	24.51	23.5	1
15	16QAM	1	37	22.53	22.21	22.21	22.53	22.21	24.51		
15	16QAM	1	74	22.93	22.10	22.17	22.93	22.10	24.51		
15	16QAM	36	0	21.49	21.31	21.13	21.11	21.14	24.51		
15	16QAM	36	0	21.53	21.20	21.25	21.54	21.19	24.51	22.5	2
15	16QAM	36	36	21.44	21.16	21.19	21.16	21.08	24.51		
15	64QAM	1	0	21.35	21.10	21.01	21.04	21.04	24.51		
15	64QAM	1	37	21.48	21.14	21.09	21.23	21.25	24.51	22.5	2
15	64QAM	1	74	21.26	21.11	21.11	21.26	21.11	24.51		
15	64QAM	36	0	20.32	20.27	20.02	20.04	20.22	24.51		
15	64QAM	36	20	20.43	20.31	20.12	20.18	20.20	24.51	21.5	3
15	64QAM	36	20	20.42	20.30	20.12	20.18	20.20	24.51		
15	64QAM	75	0	20.36	20.14	20.07	20.13	20.89	24.51		
15	256QAM	1	0	18.02	17.88	18.05	18.28	18.17	24.51	19.5	5
15	256QAM	1	37	17.99	17.86	18.06	18.08	18.15	24.51		
15	256QAM	1	74	18.02	17.83	18.05	18.28	18.17	24.51		
15	256QAM	36	0	18.08	18.04	18.04	18.08	18.06	24.51		
15	256QAM	36	20	18.13	17.94	18.04	18.14	18.07	24.51	19.5	5
15	256QAM	36	39	17.96	18.10	17.85	18.14	18.06	24.51		
15	256QAM	75	0	18.13	18.11	17.88	18.12	18.07	24.51		
Channel											
Frequency (MHz)											
15	QPSK	1	25	23.12	22.90	22.83	22.74	22.75	24.50	0	
15	QPSK	1	62	22.96	22.73	22.73	22.96	22.73	24.50		
15	QPSK	25	60	23.26	22.91	22.95	23.26	22.95	24.50		
15	QPSK	25	12	22.48	22.14	22.20	22.18	22.09	24.51	23.5	1
15	QPSK	25	12	22.39	22.28	22.28	22.39	22.28	24.51		
15	QPSK	50	0	22.26	22.12	22.02	22.20	22.04	24.51		
15	16QAM	1	0	22.21	22.08	22.10	22.10	21.98	24.51		
15	16QAM	1	25	22.48	22.12	22.12	22.48	22.12	24.51	23.5	1
15	16QAM	1	49	22.18	22.17	22.10	22.21	22.19	24.51		
15	16QAM	25	0	21.60	21.52	21.57	21.59	21.58	24.51		
15	16QAM	25	12	21.37	21.24	21.17	21.37	21.24	24.51	22.5	2
15	16QAM	25	20	21.41	21.10	21.29	21.23	21.08	24.51		
15	64QAM	1	0	21.37	21.11	21.11	21.37	21.11	24.51		
15	64QAM	1	0	21.30	21.17	21.09	21.15	21.02	24.51		
15	64QAM	1	25	21.48	21.16	21.05	21.32	21.09	24.51	22.5	2
15	64QAM	1	49	21.17	21.04	21.04	21.17	21.04	24.51		
15	64QAM	25	0	20.38	20.31	20.08	20.02	19.91	24.51		
15	64QAM	25	12	20.34	20.28	20.12	20.07	20.14	24.51	21.5	3
15	64QAM	25	12	20.34	20.26	20.08	20.02	19.91	24.51		
15	64QAM	50	0	20.45	20.21	20.04	20.00	19.88	24.51		
15	64QAM	50	0	18.17	18.04	18.04	18.17	18.04	24.51		
15	256QAM	1	26	18.12	18.06	18.09	17.95	18.01	19.5	5	
15	256QAM	1	49	17.99	17.90	18.17	18.30	18.26	19.5		
15	256QAM	1	24	18.04	18.04	18.04	18.04	18.04	19.5		
15	256QAM	25	12	18.17	18.00	17.87	18.24	18.20	19.5	5	
15	256QAM	25	12	18.17	18.00	18.00	18.17	18.00	19.5		
15	256QAM	25	20	18.11	18.10	18.35	18.15	17.96	19.5		
15	256QAM	25	20	18.06	18.08	17.98	18.06	17.96	19.5		
Channel											
Frequency (MHz)											
15	QPSK	1	12	22.68	22.74	22.61	22.73	22.74	24.50	0	
15	QPSK	1	24	22.83	22.69	22.69	22.83	22.76	24.50		
15	QPSK	12	0	22.29	22.12	22.02	22.14	22.06	24.51		
15	QPSK	12	7	22.29	22.12	22.04	22.16	22.08	24.51	23.5	1
15	QPSK	25	0	22.25	22.10	22.29	22.00	22.27	24.51		
15	16QAM	1	0	22.21	22.14	22.02	22.07	22.06	24.51		
15	16QAM	1	12	22.38	22.09	22.09	22.38	22.15	24.51	23.5	1
15	16QAM	1	24	22.28	22.15	22.09	22.14	22.22	24.51		
15	16QAM	12	7	21.68	20.96	20.96	21.68	20.96	24.51	22.5	2
15	16QAM	12	7	21.09	21.16	21.02	21.09	21.11	24.51		
15	16QAM	12	13	20.97	20.92	21.13	21.19	21.18	24.51		
15	64QAM	1	0	21.12	21.10	21.10	21.12	21.10	24.51	22.5	2
15	64QAM	1	0	21.15	21.05	21.09	21.15	21.10	24.51		
15	64QAM	1	12	21.41	21.16	21.02	21.68	21.10	24.51	22.5	2
15	64QAM	1	24	21.18	21.00	21.00	21.18	21.00	24.51		
15	64QAM	12	7	20.48	20.39	20.39	20.48	20.39	24.51		
15	64QAM	12	13	20.48	20.23	20.11	20.48	20.12	24.51		
15	64QAM	25	0	20.50	20.17	20.05	20.08	20.12	24.51		
15	256QAM	1	24	18.12	17.97	18.00	18.12	18.00	19.5	5	
15	256QAM	1	24	18.09	18.14	17.90	17.95	18.08	19.5		
15	256QAM	1	24	17.96	17.88	18.04	18.08	18.13	19.5		
15	256QAM	1	24	18.24	18.00	18.00	18.24	18.00	19.5		
15	256QAM	12	7	18.10	18.07	17.98	18.07	17.97	19.5	5	
15	256QAM	12	13	17.96	18.02	17.86	18.13	18.08	19.5		
15	256QAM	12	13	18.15	18.12	18.12	18.15	18.12	19.5		

Band 7 Ant7 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				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
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	23.5	1		
20	QPSK	50	24	22.20	22.30	22.18				
20	QPSK	50	50	22.06	22.19	22.12				
20	QPSK	100	0	22.22	22.34	22.33	23.5	1		
20	16QAM	1	0	22.19	22.31	22.25				
20	16QAM	1	49	22.12	22.22	22.16				
20	16QAM	1	99	22.38	22.44	22.35	22.5	2		
20	16QAM	50	0	21.12	21.19	21.13				
20	16QAM	50	24	21.12	21.24	21.14				
20	16QAM	50	50	21.08	21.19	21.10	22.5	2		
20	16QAM	100	0	21.19	21.26	21.20				
20	64QAM	1	0	20.96	21.06	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	19.5	5		
20	256QAM	1	49	18.37	18.48	18.37				
20	256QAM	1	99	18.40	18.51	18.42				
20	256QAM	50	0	18.37	18.43	18.28	19.5	5		
20	256QAM	50	24	18.30	18.45	18.36				
20	256QAM	50	50	18.33	18.40	18.31				
20	256QAM	100	0	18.28	18.34	18.23				
Channel				20825	21100	21375	Tune-up limit (dbm)	MPR (db)		
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	23.5	1		
15	QPSK	36	20	22.13	22.21	22.10				
15	QPSK	36	39	21.98	22.06	21.98				
15	QPSK	75	0	22.15	22.25	22.23	23.5	1		
15	16QAM	1	0	22.10	22.21	22.16				
15	16QAM	1	37	22.02	22.07	22.04				
15	16QAM	1	74	22.33	22.37	22.23	22.5	2		
15	16QAM	36	0	21.07	21.12	21.00				
15	16QAM	36	20	21.00	21.11	21.00				
15	16QAM	36	39	20.93	21.13	21.03	22.5	2		
15	16QAM	75	0	21.06	21.18	21.11				
15	64QAM	1	0	20.83	21.01	20.91				
15	64QAM	1	37	20.76	20.89	20.80	21.5	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	19.5	5		
15	256QAM	1	37	18.26	18.36	18.31				
15	256QAM	1	74	18.33	18.38	18.28				
15	256QAM	36	0	18.25	18.36	18.22	19.5	5		
15	256QAM	36	20	18.19	18.31	18.26				
15	256QAM	36	39	18.20	18.28	18.16				
15	256QAM	75	0	18.14	18.24	18.12				
Channel				20800	21100	21400	Tune-up limit (dbm)	MPR (db)		
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	23.5	1		
10	QPSK	25	12	22.09	22.20	22.09				
10	QPSK	25	25	22.00	22.14	22.00				
10	QPSK	50	0	22.07	22.23	22.26	23.5	1		
10	16QAM	1	0	22.11	22.16	22.11				
10	16QAM	1	25	22.02	22.17	22.07				
10	16QAM	1	49	22.27	22.31	22.28	22.5	2		
10	16QAM	25	0	21.03	21.05	21.06				
10	16QAM	25	12	21.04	21.16	21.08				
10	16QAM	25	25	20.93	21.11	21.00	22.5	2		
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	19.5	5		
10	256QAM	1	25	18.29	18.37	18.32				
10	256QAM	1	49	18.27	18.44	18.30				
10	256QAM	25	0	18.25	18.31	18.22	19.5	5		
10	256QAM	25	12	18.23	18.36	18.24				
10	256QAM	25	25	18.19	18.26	18.24				
10	256QAM	50	0	18.18	18.25	18.16				
Channel				20775	21100	21425	Tune-up limit (dbm)	MPR (db)		
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	23.5	1		
5	QPSK	12	7	22.08	22.20	22.04				
5	QPSK	12	13	21.95	22.11	22.04				
5	QPSK	25	0	22.17	22.21	22.27	23.5	1		
5	16QAM	1	0	22.08	22.25	22.10				
5	16QAM	1	12	22.03	22.15	22.03				
5	16QAM	1	24	22.31	22.29	22.29	22.5	2		
5	16QAM	12	0	21.05	21.10	20.99				
5	16QAM	12	13	20.99	21.19	21.03				
5	16QAM	25	0	21.09	21.20	21.13	22.5	2		
5	64QAM	1	0	20.86	21.00	20.91				
5	64QAM	1	12	20.76	20.90	20.74				
5	64QAM	1	24	20.88	21.03	20.91	21.5	3		
5	64QAM	12	0	19.95	20.08	19.93				
5	64QAM	12	7	19.95	20.04	19.97				
5	64QAM	12	13	20.09	20.17	20.08	19.5	5		
5	64QAM	25	0	20.00	20.10	19.99				
5	256QAM	1	0	18.31	18.38	18.26	19.5	5		
5	256QAM	1	12	18.26	18.40	18.32				
5	256QAM	1	24	18.32	18.42	18.36				
5	256QAM	12	0	18.31	18.36	18.22	19.5	5		
5	256QAM	12	7	18.19	18.36	18.23				
5	256QAM	12	13	18.22	18.32	18.18				

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 limit (dBm)	MPR (dB)	
Channel									
Frequency [MHz]				3490	3500	3510			
20	QPSK	1	0	24.40	24.57	24.54	25.7	0	
20	QPSK	1	49	24.39	24.41	24.39			
20	QPSK	1	99	24.36	24.29	24.34			
20	QPSK	65	65	23.33	23.42	23.43			
20	QPSK	50	24	23.39	23.38	23.35	24.7	1	
20	QPSK	50	36	23.35	23.41	23.36			
20	QPSK	100	0	23.40	23.48	23.44			
20	QPSK	50	0	23.38	23.40	23.33			
20	HQAM	1	49	23.45	23.33	23.36	24.7	1	
20	HQAM	1	99	23.47	23.35	23.35			
20	HQAM	50	0	22.35	22.33	22.22			
20	HQAM	50	24	22.36	22.45	22.37			
20	HQAM	50	36	22.37	22.45	22.36	23.7	2	
20	HQAM	100	0	22.46	22.54	22.41			
20	HQAM	1	0	22.54	22.65	22.45			
20	HQAM	1	49	22.59	22.40	22.38			
20	HQAM	1	99	22.57	22.42	22.37	23.7	2	
20	HQAM	50	0	21.52	21.49	21.25			
20	HQAM	50	24	21.47	21.52	21.45			
20	HQAM	50	36	21.53	21.37	21.35			
20	HQAM	100	0	21.43	21.42	21.43	22.7	3	
20	HQAM	1	0	19.15	19.30	19.01			
20	25QAM	1	49	19.19	19.25	19.09			
20	25QAM	1	99	19.01	19.31	19.24			
20	25QAM	50	0	19.25	19.23	19.27	20.7	5	
20	25QAM	50	24	19.26	19.24	19.25			
20	25QAM	50	36	19.19	19.32	19.21			
20	25QAM	100	0	19.15	19.22	19.14			
Channel									
Frequency [MHz]				3490	3500	3510			
15	QPSK	1	0	24.32	24.52	24.43	25.7	0	
15	QPSK	1	27	24.27	24.20	24.22			
15	QPSK	1	74	24.31	24.35	24.35			
15	QPSK	36	0	23.35	23.28	23.25			
15	QPSK	36	36	23.35	23.23	23.21	24.7	1	
15	QPSK	75	0	23.39	23.37	23.39			
15	QPSK	1	1	23.37	23.45	23.42			
15	HQAM	1	27	23.44	23.26	23.31			
15	HQAM	1	74	23.25	23.35	23.36	24.7	1	
15	HQAM	36	0	22.15	22.13	22.15			
15	HQAM	36	36	22.16	22.13	22.23			
15	HQAM	36	36	22.16	22.28	22.22			
15	HQAM	1	0	22.38	22.58	22.40	25.7	2	
15	HQAM	1	27	22.37	22.41	22.39			
15	HQAM	1	74	22.34	22.41	22.37			
15	HQAM	36	0	21.22	21.46	21.12			
15	HQAM	36	36	21.41	21.35	21.38	22.7	3	
15	HQAM	36	36	21.20	21.22	21.07			
15	HQAM	75	0	21.21	21.20	21.21			
15	25QAM	1	0	19.14	19.33	19.03			
15	25QAM	1	27	19.15	19.30	19.22	20.7	5	
15	25QAM	1	74	19.04	19.29	19.22			
15	25QAM	36	0	19.19	19.14	19.23			
15	25QAM	36	36	19.40	19.37	19.21			
15	25QAM	36	36	19.18	19.26	19.13	20.7	5	
15	25QAM	75	0	19.05	19.22	19.03			
Channel									
Frequency [MHz]				42116	42590	43065			
10	QPSK	1	0	24.35	24.45	24.48	25.7	0	
10	QPSK	1	25	24.15	24.21	24.28			
10	QPSK	1	49	24.15	24.22	24.33			
10	QPSK	25	0	23.18	23.22	23.11			
10	QPSK	25	0	23.20	23.24	23.20	24.7	1	
10	QPSK	25	25	23.01	23.29	23.21			
10	QPSK	50	0	23.25	23.40	23.30			
10	HQAM	1	0	23.18	23.48	23.50			
10	HQAM	1	49	23.38	23.34	23.35	24.7	1	
10	HQAM	1	99	23.38	23.34	23.35			
10	HQAM	25	0	22.19	22.24	22.17			
10	HQAM	25	12	22.19	22.34	22.24			
10	HQAM	25	25	22.15	22.34	22.27	23.7	2	
10	HQAM	50	0	22.38	22.44	22.29			
10	HQAM	1	0	22.54	22.62	22.48			
10	HQAM	1	36	22.35	22.43	22.27			
10	HQAM	1	49	22.29	22.31	22.36	22.7	2	
10	HQAM	25	7	21.11	21.34	21.17			
10	HQAM	25	12	21.20	21.30	21.47			
10	HQAM	25	25	21.23	21.29	21.09			
10	HQAM	50	0	21.40	21.35	21.36	22.7	3	
10	25QAM	1	0	19.17	19.33	19.01			
10	25QAM	1	36	19.03	19.29	19.25			
10	25QAM	1	49	19.03	19.29	19.25			
10	25QAM	25	0	19.17	19.20	19.23	20.7	5	
10	25QAM	25	12	19.14	19.26	19.14			
10	25QAM	25	25	19.14	19.26	19.15			
10	25QAM	50	0	19.15	19.17	19.08			
Channel									
Frequency [MHz]				50425	50900	51375			
5	QPSK	1	0	24.46	24.48	24.55	25.7	0	
5	QPSK	1	10	24.24	24.35	24.25			
5	QPSK	1	24	24.24	24.39	24.22			
5	QPSK	12	7	23.22	23.40	23.29			
5	QPSK	12	7	23.22	23.40	23.29	24.7	1	
5	QPSK	35	12	23.25	23.45	23.21			
5	QPSK	35	12	23.25	23.45	23.44			
5	HQAM	1	0	23.38	23.35	23.35			
5	HQAM	1	12	23.36	23.35	23.39	24.7	1	
5	HQAM	1	24	23.33	23.39	23.27			
5	HQAM	12	7	22.33	22.47	22.19			
5	HQAM	12	7	22.33	22.46	22.33	23.7	2	
5	HQAM	12	10	22.23	22.50	22.27			
5	HQAM	25	0	22.59	22.42	22.30			
5	HQAM	1	0	22.40	22.51	22.33			
5	HQAM	1	12	22.40	22.45	22.37	22.7	2	
5	HQAM	1	24	22.36	22.31	22.39			
5	HQAM	12	0	21.10	21.43	21.08			
5	HQAM	12	7	21.57	21.23	21.40			
5	HQAM	25	0	21.34	21.34	21.29	20.7	5	
5	25QAM	1	0	19.24	19.30	19.04			
5	25QAM	1	12	19.23	19.19	19.17			
5	25QAM	1	24	19.03	19.34	19.19			
5	25QAM	12	0	19.33	19.25	19.29	20.7	5	
5	25QAM	12	7	19.33	19.47	19.19			
5	25QAM	12	10	19.24	19.15	19.19			
5	25QAM	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	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency [MHz]				3590	3600	3611	3621		
20	QPSK	1	0	21.63	21.75	21.63	21.75	23	0
20	QPSK	1	49	21.65	21.72	21.63	21.53		
20	QPSK	1	99	21.55	21.54	21.75	21.47		
20	QPSK	65	65	20.55	20.74	20.75	20.75		
20	QPSK	50	24	20.71	20.66	20.67	20.46	22	1
20	QPSK	50	36	20.54	20.61	20.69	20.61		
20	QPSK	100	0	20.53	20.70	20.75	20.49		
20	HQAM	1	99	20.77	20.69	20.69	20.50		
20	HQAM	1	49	20.50	20.54	20.75	20.46	22	1
20	HQAM	1	99	20.62	20.47	20.69	20.45		



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 limit (dBm)	MPR (dB)		
Channel				42150	42500	42900				
Frequency (MHz)				3490	3500	3510				
20	QPSK	1	0	20.82	20.88	20.83	22.5	0		
20	QPSK	1	49	20.82	20.78	20.71				
20	QPSK	1	99	20.66	20.74	20.76				
20	QPSK	85	85	19.33	19.33	19.33	21.5	1		
20	QPSK	50	24	19.31	19.77	19.71				
20	QPSK	50	30	19.35	19.81	19.83				
20	QPSK	100	0	19.78	19.80	19.77	21.5	1		
20	HQAM	1	49	19.31	19.77	19.71				
20	HQAM	1	49	19.35	19.73	19.64				
20	HQAM	50	0	19.32	19.80	19.72	20.5	2		
20	HQAM	50	0	19.64	19.63	19.62				
20	HQAM	50	24	19.35	19.78	19.68				
20	HQAM	100	0	19.62	19.72	19.72	20.5	2		
20	HQAM	100	0	19.83	19.87	19.79				
20	HQAM	1	49	19.85	19.83	19.77				
20	HQAM	1	49	19.73	19.87	19.71	19.5	3		
20	HQAM	50	0	17.69	17.84	17.74				
20	HQAM	50	24	17.75	17.76	17.77				
20	HQAM	50	30	17.59	17.89	17.82	17.5	5		
20	HQAM	100	0	17.73	17.76	17.77				
20	HQAM	1	49	15.83	15.69	15.83				
20	25QAM	1	49	15.83	15.69	15.68	17.5	5		
20	25QAM	50	0	15.83	15.69	15.68				
20	25QAM	50	24	15.75	15.72	15.69				
20	25QAM	50	30	15.53	15.72	15.80	17.5	5		
20	25QAM	100	0	15.54	15.65	15.51				
20	25QAM	100	0	15.73	15.60	15.52				
Channel				34715	34750	34785	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	20.82	20.85	20.84	22.5	0		
15	QPSK	1	27	20.82	20.83	20.72				
15	QPSK	1	74	20.78	20.78	20.78				
15	QPSK	36	0	19.76	19.83	19.66	21.5	1		
15	QPSK	36	39	19.62	19.73	19.89				
15	QPSK	75	0	19.79	19.85	19.79				
15	HQAM	1	1	15.33	15.38	15.04	21.5	1		
15	HQAM	1	27	15.81	15.79	15.72				
15	HQAM	1	74	15.72	15.86	15.72				
15	HQAM	36	0	18.84	18.84	18.84	20.5	2		
15	HQAM	36	39	18.76	18.78	18.79				
15	HQAM	36	39	18.68	18.73	18.75				
15	HQAM	75	0	18.88	18.94	18.81	20.5	2		
15	HQAM	1	0	18.87	18.91	18.83				
15	HQAM	1	27	18.75	18.84	18.72				
15	HQAM	1	74	18.74	18.81	18.75	19.5	3		
15	HQAM	36	0	17.75	17.91	17.82				
15	HQAM	36	39	17.85	17.69	17.67				
15	HQAM	36	39	17.88	17.66	17.67	17.5	5		
15	HQAM	75	0	17.70	17.84	17.81				
15	HQAM	75	0	15.52	15.73	15.58				
15	25QAM	1	0	15.53	15.54	15.53	17.5	5		
15	25QAM	36	0	15.64	15.58	15.66				
15	25QAM	36	39	15.62	15.57	15.64				
15	25QAM	36	39	15.58	15.60	15.64	17.5	5		
15	25QAM	75	0	15.53	15.52	15.53				
15	25QAM	75	0	15.53	15.52	15.53				
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	20.85	20.84	20.85	22.5	0		
10	QPSK	1	25	20.80	20.83	20.78				
10	QPSK	1	48	20.85	20.78	20.74				
10	QPSK	25	0	19.89	19.83	19.83	21.5	1		
10	QPSK	25	12	19.89	19.87	19.73				
10	QPSK	25	25	19.83	19.72	19.85				
10	QPSK	50	0	19.87	19.81	19.78	21.5	1		
10	HQAM	1	0	19.75	19.91	20.05				
10	HQAM	1	49	19.72	19.87	19.66				
10	HQAM	25	12	19.72	19.81	19.89	20.5	2		
10	HQAM	25	12	19.72	19.81	19.89				
10	HQAM	25	25	19.63	19.80	19.71				
10	HQAM	50	0	19.85	19.80	19.77	20.5	2		
10	HQAM	1	0	19.91	19.91	19.80				
10	HQAM	1	36	19.71	19.82	19.79				
10	HQAM	1	49	19.71	19.78	19.72	19.5	3		
10	HQAM	25	12	17.69	17.82	17.76				
10	HQAM	25	12	17.69	17.81	17.76				
10	HQAM	25	29	17.80	17.71	17.89	17.5	5		
10	HQAM	50	0	17.73	17.78	17.82				
10	25QAM	1	0	15.62	15.72	15.60				
10	25QAM	1	36	15.64	15.72	15.70	17.5	5		
10	25QAM	1	49	15.52	15.68	15.87				
10	25QAM	25	0	15.37	15.77	15.72				
10	25QAM	25	12	15.54	15.62	15.72	17.5	5		
10	25QAM	25	25	15.78	15.60	15.60				
10	25QAM	50	0	15.71	15.75	15.64				
Channel				34215	34590	34965	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	20.82	20.73	20.82	22.5	0		
5	QPSK	1	12	20.88	20.75	20.76				
5	QPSK	1	24	20.87	20.72	20.77				
5	QPSK	12	7	19.88	19.88	19.63	21.5	1		
5	QPSK	12	0	19.88	19.81	19.60				
5	QPSK	12	12	19.82	19.75	19.86				
5	QPSK	25	0	19.76	19.81	20.00	21.5	1		
5	HQAM	1	0	19.76	19.81	19.87				
5	HQAM	1	12	19.76	19.81	19.87				
5	HQAM	1	24	19.70	19.89	19.81	20.5	2		
5	HQAM	12	7	19.74	17.87	17.80				
5	HQAM	12	0	19.82	19.85	19.69				
5	HQAM	25	0	19.90	19.80	19.80	20.5	2		
5	HQAM	1	0	19.90	19.80	19.77				
5	HQAM	1	0	19.90	19.80	19.77				
5	HQAM	1	12	19.74	17.87	17.80	19.5	3		
5	HQAM	12	7	17.85	17.74	17.74				
5	HQAM	12	0	17.78	17.74	17.63				
5	HQAM	25	0	17.89	17.78	17.84	17.5	5		
5	25QAM	1	0	15.64	15.66	15.59				
5	25QAM	1	12	15.64	15.68	15.60				
5	25QAM	1	24	15.58	15.62	15.86	17.5	5		
5	25QAM	12	0	15.67	15.60	15.64				
5	25QAM	12	7	15.60	15.75	15.83				
5	25QAM	12	0	15.53	15.60	15.58	17.5	5		
5	25QAM	25	0	15.58	15.60	15.59				
5	25QAM	25	0	15.58	15.60	15.59				

Band 48 Ant11 Default			
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Band 42 Ant12 Default											
BW (MHz)	Modulation	RB Size	RB Offset	F _{max} (MHz)	F _{min} (MHz)	F _{center} (MHz)	Time-up limit (dBm)	MPR (dB)			
Channel				42150	42050	42100					
Frequency (MHz)				3440	3500	3450					
20	QPSK	1	0	21.30	21.45	21.42	23	0			
20	QPSK	1	49	21.13	21.37	21.23					
20	QPSK	1	98	21.16	21.22	21.20					
20	QPSK	50	0	20.26	20.38	20.20					
20	QPSK	50	24	20.29	20.25	20.20	22	1			
20	QPSK	50	50	20.30	20.20	20.15					
20	QPSK	100	0	20.27	20.37	20.33					
20	16QAM	1	0	20.30	20.42	20.55					
20	16QAM	1	49	20.36	20.26	20.21	22	1			
20	16QAM	1	99	20.26	20.31	20.30					
20	16QAM	50	0	19.32	19.28	19.15					
20	16QAM	50	24	19.34	19.33	19.27					
20	16QAM	100	0	19.33	19.45	19.28	21	2			
20	84QAM	1	0	19.37	19.44	19.25					
20	84QAM	1	49	19.30	19.33	19.25					
20	84QAM	1	99	19.24	19.32	19.25					
20	84QAM	50	0	18.20	18.38	18.08	20	3			
20	84QAM	50	24	18.33	18.10	18.24					
20	84QAM	50	50	18.08	18.27	18.15					
20	84QAM	100	0	18.28	18.24	18.31					
20	256QAM	1	0	16.06	16.33	16.18	18	5			
20	256QAM	1	49	16.05	16.08	16.00					
20	256QAM	1	99	16.13	16.17	16.14					
20	256QAM	50	0	16.15	16.17	16.06					
20	256QAM	50	24	16.28	16.28	16.16					
20	256QAM	50	50	16.04	16.28	16.13					
20	256QAM	100	0	16.08	16.10	16.00					
Channel				42155	42050	42015	Time-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3457.5	3500	3442.5					
15	QPSK	1	0	21.15	21.37	21.30	23	0			
15	QPSK	1	27	21.03	21.29	21.07					
15	QPSK	1	74	21.03	21.12	21.07					
15	QPSK	36	0	20.11	20.14	20.03					
15	QPSK	36	20	20.13	20.27	20.13	22	1			
15	QPSK	36	36	20.15	20.10	20.03					
15	QPSK	75	0	20.15	20.24	20.22					
15	16QAM	1	0	20.19	20.26	20.40					
15	16QAM	1	37	20.20	20.15	20.08	22	1			
15	16QAM	1	74	20.12	20.18	20.21					
15	16QAM	36	0	19.12	19.08	19.01					
15	16QAM	36	20	19.24	19.14	19.04					
15	16QAM	36	36	19.18	19.17	19.14	21	2			
15	16QAM	75	0	19.26	19.28	19.16					
15	84QAM	1	0	19.22	19.31	19.09					
15	84QAM	1	37	19.15	19.22	19.13					
15	84QAM	1	74	19.13	19.14	19.11	21	2			
15	84QAM	36	0	18.03	18.20	18.21					
15	84QAM	36	20	18.09	18.21	18.18					
15	84QAM	36	36	18.20	18.17	18.02					
15	84QAM	75	0	18.19	18.12	18.23	20	3			
15	256QAM	1	0	16.02	16.24	16.26					
15	256QAM	1	37	16.17	16.10	16.15					
15	256QAM	1	74	16.27	16.06	16.23					
15	256QAM	36	0	16.27	16.22	16.23	18	5			
15	256QAM	36	20	16.15	16.15	16.32					
15	256QAM	36	36	16.12	16.37	16.23					
15	256QAM	75	0	16.19	16.27	16.18					
Channel				42160	42050	42000	Time-up limit (dBm)		MPR (dB)		
Frequency (MHz)				3456	3500	3444					
10	QPSK	1	0	21.20	21.38	21.35	23	0			
10	QPSK	1	26	21.28	21.24	21.17					
10	QPSK	1	49	21.04	21.10	21.06					
10	QPSK	26	0	20.34	20.11	20.10					
10	QPSK	26	12	20.38	20.25	20.11	22	1			
10	QPSK	26	26	20.17	20.06	20.03					
10	QPSK	50	0	20.40	20.23	20.18					
10	16QAM	1	0	20.44	20.34	20.40					
10	16QAM	1	49	20.44	20.16	20.08	22	1			
10	16QAM	1	99	20.45	20.20	20.19					
10	16QAM	25	0	19.40	19.23	19.32					
10	16QAM	25	12	19.40	19.16	19.30					
10	16QAM	25	25	19.24	19.42	19.45	21	2			
10	16QAM	50	0	19.44	19.62	19.40					
10	84QAM	1	0	19.49	19.51	19.42					
10	84QAM	1	25	19.48	19.50	19.38					
10	84QAM	1	49	19.40	19.40	19.33	20	3			
10	84QAM	25	0	18.34	18.52	18.16					
10	84QAM	25	12	18.49	18.21	18.37					
10	84QAM	25	25	18.25	18.30	18.30					
10	84QAM	50	0	18.37	18.52	18.45	18	5			
10	256QAM	1	0	16.21	16.44	16.33					
10	256QAM	1	25	16.22	16.34	16.11					
10	256QAM	1	49	16.22	16.05	16.26					
10	256QAM	25	0	16.23	16.25	16.14	18	5			
10	256QAM	25	12	16.30	16.37	16.34					
10	256QAM	25	25	16.19	16.38	16.31					
10	256QAM	50	0	16.17	16.25	16.13					
Channel				42165	42050	42000	Time-up limit (dBm)		MPR (dB)		
Frequency (MHz)				3452.5	3500	3447.5 <th colspan="2"></th> <th colspan="2"></th>					
5	QPSK	1	0	21.13	21.33	21.30	23	0			
5	QPSK	1	12	21.31	21.10	21.07					
5	QPSK	1	24	21.28	21.04	21.14					
5	QPSK	12	0	20.42	20.17	20.10					
5	QPSK	12	7	20.43	20.29	20.11	22	1			
5	QPSK	12	13	20.20	20.08	20.08					
5	QPSK	25	0	20.40	20.27	20.18					
5	16QAM	1	0	20.41	20.32	20.43					
5	16QAM	1	12	20.34	20.14	20.41	22	1			
5	16QAM	1	24	20.40	20.20	20.15					
5	16QAM	12	0	19.29	19.10	19.03					
5	16QAM	12	7	19.41	19.13	19.08					
5	16QAM	12	13	19.24	19.18	19.14	21	2			
5	16QAM	25	0	19.52	19.38	19.21					
5	84QAM	1	0	19.51	19.29	19.12					
5	84QAM	1	12	19.40	19.18	19.11					
5	84QAM	1	24	19.34	19.23	19.18	21	2			
5	84QAM	12	0	18.38	18.57	18.20					
5	84QAM	12	7	18.43	18.21	18.34					
5	84QAM	12	13	18.16	18.39	18.32					
5	84QAM	25	0	18.41	18.42	18.42	20	3			
5	256QAM	1	0	16.14	16.46	16.34					
5	256QAM	1	12	16.20	16.23	16.10	18	5			
5	256QAM	1	24	16.21	16.30	16.29					
5	256QAM	12	0	16.34	16.15	16.25					
5	256QAM	12	7	16.39	16.35	16.31					
5	256QAM	12	13	16.31	16.39	16.30					
5	256QAM	25	0	16.17	16.20	16.08					



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 limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3400	3600	3800			
20	QPSK	1	0	24.12	24.25	24.24	25.7	0	
20	QPSK	1	49	24.04	24.28	24.11			
20	QPSK	1	99	24.05	24.19	24.10			
20	QPSK	65	0	22.76	22.77	22.85			
20	QPSK	50	24	22.69	22.69	22.98	24.7	1	
20	QPSK	50	36	22.76	22.85	22.98			
20	QPSK	100	0	22.84	22.85	22.95			
20	HQAM	1	99	21.04	21.05	21.03			
20	HQAM	1	49	23.06	22.67	23.10	24.7	1	
20	HQAM	1	0	21.02	21.02	21.06			
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	36	21.86	22.02	21.84			
20	HQAM	100	0	22.05	22.50	22.05			
20	HQAM	1	0	22.09	22.10	21.99			
20	HQAM	1	49	22.67	22.60	21.98	23.7	2	
20	HQAM	1	99	21.04	21.05	21.03			
20	HQAM	50	0	20.91	21.12	20.84			
20	HQAM	50	24	20.95	21.04	20.83	22.7	3	
20	HQAM	50	36	20.95	21.04	20.83			
20	HQAM	100	0	21.07	21.02	21.08			
20	HQAM	1	0	19.77	19.75	19.81			
20	ZSSAM	1	49	18.76	18.62	18.75	20.7	5	
20	ZSSAM	1	99	18.85	18.75	18.67			
20	ZSSAM	50	0	18.92	19.07	18.81			
20	ZSSAM	50	24	18.92	18.92	18.67	20.7	5	
20	ZSSAM	50	36	18.81	19.05	18.80			
20	ZSSAM	100	0	19.21	19.25	19.76			
Channel									
Frequency (MHz)				4216	4400	4590	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	24.12	24.25	24.24	25.7	0	
15	QPSK	1	27	23.91	24.21	24.01			
15	QPSK	1	74	23.91	24.08	24.08			
15	QPSK	36	0	22.82	22.95	22.81	24.7	1	
15	QPSK	36	36	22.84	22.85	22.78			
15	QPSK	75	0	22.84	22.95	22.81			
15	QPSK	1	1	22.85	22.95	22.85	24.7	1	
15	HQAM	1	27	22.62	22.84	22.69			
15	HQAM	1	74	22.67	22.85	22.69			
15	HQAM	36	0	21.73	21.78	21.70	23.7	2	
15	HQAM	36	36	21.72	21.68	21.84			
15	HQAM	75	0	21.72	21.68	21.84			
15	HQAM	1	0	21.04	22.07	21.90	25.7	2	
15	HQAM	1	27	21.96	21.96	21.91			
15	HQAM	1	74	21.94	21.95	21.93			
15	HQAM	36	0	21.16	21.31	21.14	22.7	3	
15	HQAM	36	36	21.16	21.61	21.18			
15	HQAM	36	39	21.07	21.27	21.02			
15	HQAM	75	0	21.05	21.25	21.05	20.7	5	
15	ZSSAM	1	0	19.01	19.31	19.18			
15	ZSSAM	1	27	19.04	19.31	19.04	20.7	5	
15	ZSSAM	36	0	19.26	19.35	19.38			
15	ZSSAM	36	39	19.00	19.28	19.00			
15	ZSSAM	75	0	19.21	19.27	19.36			
Channel									
Frequency (MHz)				4216	4290	4360	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	24.05	24.27	24.21	25.7	0	
10	QPSK	1	25	23.67	24.10	24.00			
10	QPSK	1	49	23.67	24.05	24.08			
10	QPSK	25	0	22.84	22.97	22.84	24.7	1	
10	QPSK	25	12	22.91	22.95	22.84			
10	QPSK	25	25	22.70	22.85	22.83			
10	HQAM	1	0	22.85	23.14	23.06	24.7	1	
10	HQAM	1	49	22.84	23.00	22.84			
10	HQAM	25	0	21.14	21.76	21.76	23.7	2	
10	HQAM	25	12	21.05	21.68	21.70			
10	HQAM	25	25	21.14	22.03	21.84			
10	HQAM	50	0	21.06	22.00	21.06			
10	HQAM	1	0	21.05	22.03	21.82	23.7	2	
10	HQAM	1	36	21.05	21.85	21.82			
10	HQAM	1	49	21.19	21.91	21.87			
10	HQAM	25	0	21.11	21.34	21.03	22.7	3	
10	HQAM	25	12	21.00	20.98	21.24			
10	HQAM	25	25	21.11	21.23	21.05			
10	HQAM	50	0	21.06	21.34	21.30			
10	ZSSAM	1	0	19.98	19.38	19.15	20.7	5	
10	ZSSAM	1	36	19.95	19.61	19.03			
10	ZSSAM	1	49	19.98	19.07	19.14			
10	ZSSAM	25	0	19.10	19.20	19.09	20.7	5	
10	ZSSAM	25	12	19.21	19.14	19.13			
10	ZSSAM	50	0	19.00	19.20	19.04			
Channel									
Frequency (MHz)				4315	4390	4460	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.10	24.23	24.18	25.7	0	
5	QPSK	1	16	23.92	24.27	23.88			
5	QPSK	1	34	23.82	24.05	23.87			
5	QPSK	12	0	22.86	22.93	22.79	24.7	1	
5	QPSK	12	7	22.86	22.92	22.82			
5	QPSK	12	12	22.84	22.85	22.86			
5	QPSK	35	0	22.85	22.85	22.86			
5	HQAM	1	0	22.89	23.14	23.15	24.7	1	
5	HQAM	1	12	22.91	22.85	22.86			
5	HQAM	1	34	22.87	22.89	22.83			
5	HQAM	12	0	21.86	21.61	21.65	23.7	2	
5	HQAM	12	7	22.13	21.86	21.88			
5	HQAM	12	12	21.84	22.10	21.86			
5	HQAM	25	0	22.08	22.17	22.01			
5	HQAM	1	0	22.02	22.12	21.99	23.7	2	
5	HQAM	1	12	22.05	21.88	21.97			
5	HQAM	12	0	21.12	21.32	21.11	22.7	3	
5	HQAM	12	7	21.00	20.98	21.27			
5	HQAM	25	0	21.26	21.23	21.26			
5	ZSSAM	1	0	19.25	19.24	19.18	20.7	5	
5	ZSSAM	1	12	19.09	19.04	19.08			
5	ZSSAM	1	24	19.13	19.07	19.05			
5	ZSSAM	12	0	19.14	19.15	19.03	20.7	5	
5	ZSSAM	12	7	19.18	19.13	19.12			
5	ZSSAM	12	12	19.00	19.25	19.07			
5	ZSSAM	25	0	19.04	19.13	19.06			

Band 48 Ant13 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (F/MHz)	Power Middle Ch (F/MHz)	Power High Ch (F/MHz)	Power High Ch (F/MHz)	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				3600	3800	3641	3600		
20	QPSK	1	0	22.22	22.17	22.22	22.22	24	0
20	QPSK	1	49	22.21	22.24	22.15	22.12		
20	QPSK	1	99	22.27	22.29	22.22	22.32		
20	QPSK	36	0	21.41	21.43	21.41	21.39	23	1
20	QPSK	50	24	21.22	21.29	21.35	21.34		
20	QPSK	50	50	21.30	21.35	21.39	21.35		
20	QPSK	100	0	21.29	21.40	21.40	21.21		
20	HQAM	1	99	21.03	21.05	21.03	21.05	23	1
20	HQAM	1	49	21.17	21.36	21.18	21.28		
20	HQAM	1	0	21.04	21.04	21.06	21.04		
20	HQAM	50	0	20.29	20.31	20.29	20.31	22	2
20	HQAM	50	24	20.29	20.30	20.16	20.35		
20	HQAM	50	36	20.25	20.38	20.31	20.37		
20	HQAM	100	0	20.38	20.32	20.49	20.30		
20	HQAM	1	99	20.12	20.20	20.15	20.25	22	2
20	HQAM	1	49	20.32	20.24	20.27	20.21		
20	HQAM	1	0	19.20	19.81	19.19	19.22		
20	HQAM	50	0	19.41	19.35	19.22	19.35	21	3
20	HQAM	50	24	19.44	19.38	19.25	19.35		
20	HQAM	100	0	19.17	19.30	19.37	19.35		
20	ZSSAM	1	0	17.90	17.27	17.50	17.47	19	5
20	ZSSAM	1	49	17.14	17.17	17.15	17.16		
20	ZSSAM	50	0	17.08	17.21	17.20	17.16		
20	ZSSAM	50	0	17.27	17.30	17.31	17.18		
20	ZSSAM	50	24	17.18	17.20	17.20	17.25	19	5
20	ZSSAM	50	50	17.33	17.37	17.31	17.35		
20	ZSSAM	100	0	17.45	17.31	17.16	17.25		
Channel									
Frequency (MHz)				4415	4440	4465	4415	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.03	22.24	22.25	22.13	24	0
15	QPSK	1	27	22.07	22.09	22.15	22.11		
15	QPSK	1	74	22.07	22.07	22.10	22.11		
15	QPSK	36	0	21.24	21.19	21.22	21.08	23	1
15	QPSK	36	36	21.13	21.21	21.25	21.07		
15	QPSK	36	39	21.31	21.15	21.39	21.27		
15	QPSK	75	0	21.37	21.23	21.39	21.10	23	1
15	HQAM	1	74	21.11	21.16	21.16	21.10		
15	HQAM	1	27	21.17	21.15	21.12	21.25	23	1
15	HQAM	36	0	20.12	20.20	20.15	20.17		
15	HQAM	36							
15	HQAM	36	36	20.12	20.20	20.15	20.17	22	2
15	HQAM	36	39	20.13	20.23	20.16	20.24		
15	HQAM	75	0	20.17	20.23	20.14	20.26		
15	HQAM	75	36	20.23	20.28	20.18	20.31		
15	HQAM	1	77	20.15	20.20	20.16	20.22	22	2
15	HQAM	1	27	20.32	20.20	20.18	20.30		
15	HQAM	36	0	19.05	19.14	19.01	19.23	21	3
15	HQAM	36	36	19.05	19.05	19.05	19.05		
15	HQAM	36	39	19.24	19.20	19.10	19.34		
15	HQAM	75	0	19.07	19.10	19.11	19.24		
15	HQAM	75	36	19.15	19.11	19.10	19.28		
15	ZSSAM	1	27	17.16	17.10	17.22	17.15	19	5
15	ZSSAM	1	74	17.07	17.10	17.12	17.05		
15	ZSSAM	36	0	17.12	17.16	17.14	17.30		
15	ZSSAM	36	36	17.15	17.17	17.17	17.25	19	5
15	ZSSAM	36	39	17.13	17.20	17.14	17.22		
15	ZSSAM	75	0	17.24	17.16	17.30	17.22		
Channel									
Frequency (MHz)				5606	5689	5712	5615	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.03	22.23	22.23	22.03	24	0
10	QPSK	1	14	22.06	22.25	22.11	22.13		
10	QPSK	1	28	22.06	22.22	22.10	22.10		
10	QPSK	12	0	21.20	21.06	21.18	21.09	23	1
10	QPSK	12	13	21.01	21.05	21.20	21.09		
10	QPSK	12	13	21.11	21.12	21.25	21.09		
10	HQAM	1	28	21.05	21.25	21.05	21.16	23	1
10	HQAM	1	0	21.28	21.10	21.15	21.27		
10	HQAM	1	24	21.09	21.07	21.17	21.07		
10	HQAM	12	0	20.11	20.09	20.20	20.01		
10	HQAM	12	0	20.21	20.21	20.07	20.32	22	2
10	HQAM	12	13	20.28	20.44	20.23	20.30		
10	HQAM	25	0	20.18	20.18	20.18	20.17		
10	HQAM	1	0	20.09	20.30	20.12	20.14	22	2
10	HQAM	1	24	20.08	20.07	20.14	20.10		
10	HQAM	1	24	20.05	20.07	20.26	20.13		
10	HQAM	12	0	19.14	19.14	19.14	19.14		
10	HQAM	12	13	19.38	19.37	19.32	19.25	21	3
10	HQAM	12	13	19.28	19.37	19.19	19.24		
10	HQAM	19	0	19.03	19.04	19.30	19.30		
10	ZSSAM	1	0	17.30	17.56	17.18	17.26	19	5
10	ZSSAM	1	14	17.07	17.11	17.12	17.16		
10	ZSSAM	12	7	17.19	17.24	17.50	17.15		
10	ZSSAM	12	7	17.27	17.49	17.17	17.22	19	5
10	ZSSAM	12	0	17.42	17.11	17.17	17.26		

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 Frequency (MHz)				43190	43340	43490	25.7	0	
				3560	3575	3590			
20	QPSK	1	0	24.30	24.44	24.36			
20	QPSK	1	49	24.12	24.16	24.17	24.7	1	
20	QPSK	1	99	24.14	24.20	24.08			
20	QPSK	50	0	23.09	23.31	23.05			
20	QPSK	50	24	23.18	23.22	23.10	24.7	1	
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	23.12	23.17	23.13			
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	23.7	2	
20	16QAM	1	0	22.38	22.47	22.31			
20	64QAM	1	49	22.17	22.33	22.19	23.7	2	
20	64QAM	1	99	22.16	22.23	22.12			
20	64QAM	50	0	21.08	21.27	21.02			
20	64QAM	50	24	21.27	21.16	21.27	22.7	3	
20	64QAM	50	50	21.03	21.21	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	20.7	5	
Channel Frequency (MHz)				43165	43340	43515			
				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	24.7	1	
15	16QAM	1	0	23.21	23.27	23.44			
15	16QAM	1	37	23.26	23.19	23.04			
15	16QAM	1	74	23.18	23.24	23.17	23.7	2	
15	16QAM	36	0	22.15	22.17	22.08			
15	16QAM	36	20	22.21	22.31	22.18			
15	16QAM	36	39	22.02	22.34	22.18	23.7	2	
15	16QAM	75	0	22.24	22.31	22.16			
15	64QAM	1	0	22.29	22.43	22.23			
15	64QAM	1	37	22.14	22.33	22.18	22.7	3	
15	64QAM	1	74	22.12	22.30	22.23			
15	64QAM	36	0	21.16	21.35	21.01			
15	64QAM	36	20	21.24	21.09	21.31	20.7	5	
15	64QAM	36	39	21.00	21.16	21.08			
15	64QAM	75	0	21.22	21.25	21.22			
15	256QAM	1	0	18.98	19.22	18.87	20.7	5	
15	256QAM	1	37	19.03	19.00	18.89			
15	256QAM	1	74	18.83	19.12	19.10			
15	256QAM	36	0	19.04	19.04	19.07	20.7	5	
15	256QAM	36	20	19.16	19.18	19.05			
15	256QAM	36	39	18.95	19.08	19.07			
15	256QAM	75	0	18.97	19.02	18.91	20.7	5	
Channel Frequency (MHz)				43140	43340	43540			
				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	22.7	3	
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	20.7	5	
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	20.7	5	
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	20.7	5	
Channel Frequency (MHz)				43115	43340	43565			
				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	23.06	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	22.7	3	
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	20.7	5	
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	20.7	5	
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	20.7	5	

Band 42 Part27O 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	20.68	20.56			
20	QPSK	50	0	19.54	19.81	19.50	21.5	1	
20	QPSK	50	24	19.66	19.63	19.61			
20	QPSK	50	50	19.46	19.61	19.55			
20	QPSK	100	0	19.73	19.75	19.73	20.5	2	
20	16QAM	1	0	19.64	19.74	19.56			
20	16QAM	1	49	19.72	19.71	19.56			
20	16QAM	1	99	19.58	19.75	19.61	21.5	1	
20	16QAM	50	0	18.54	18.49	18.49			
20	16QAM	50	24	18.70	18.69	18.54			
20	16QAM	50	50	18.58	18.69	18.58	20.5	2	
20	16QAM	100	0	18.73	18.85	18.66			
20	64QAM	1	0	18.74	18.83	18.66			
20	64QAM	1	49	18.60	18.65	18.58	20.5	2	
20	64QAM	1	99	18.66	18.75	18.67			
20	64QAM	50	0	17.54	17.72	17.49			
20	64QAM	50	24	17.67	17.51	17.59	19.5	3	
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				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3575	3592.5			
15	QPSK	1	0	20.75	20.80	20.76	22.5	0	
15	QPSK	1	37	20.55	20.72	20.57			
15	QPSK	1	74	20.58	20.66	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	21.5	1	
15	16QAM	1	0	19.57	19.81	19.51			
15	16QAM	1	37	19.76	19.68	19.55			
15	16QAM	1	74	19.65	19.74	19.68	20.5	2	
15	16QAM	36	0	18.55	18.50	18.55			
15	16QAM	36	20	18.71	18.71	18.62			
15	16QAM	36	39	18.59	18.62	18.64	20.5	2	
15	16QAM	75	0	18.77	18.73	18.66			
15	64QAM	1	0	18.72	18.86	18.69			
15	64QAM	1	37	18.68	18.67	18.66	20.5	2	
15	64QAM	1	74	18.61	18.76	18.67			
15	64QAM	36	0	17.60	17.69	17.40			
15	64QAM	36	20	17.72	17.58	17.65	19.5	3	
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	15.54	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	43540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3575	3595			
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	21.5	1	
10	16QAM	1	0	19.56	19.75	19.56			
10	16QAM	1	25	19.66	19.69	19.61			
10	16QAM	1	49	19.61	19.70	19.63	20.5	2	
10	16QAM	25	0	18.53	18.60	18.60			
10	16QAM	25	12	18.69	18.70	18.52			
10	16QAM	25	25	18.51	18.62	18.63	20.5	2	
10	16QAM	50	0	18.73	18.82	18.66			
10	64QAM	1	0	18.78	18.86	18.75			
10	64QAM	1	25	18.69	18.67	18.61	20.5	2	
10	64QAM	1	49	18.67	18.77	18.67			
10	64QAM	25	0	17.62	17.82	17.52			
10	64QAM	25	12	17.68	17.49	17.65	19.5	3	
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	43565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3575	3597.5			
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	20.80	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	21.5	1	
5	16QAM	1	0	19.62	19.85	19.58			
5	16QAM	1	12	19.77	19.60	19.51			
5	16QAM	1	24	19.66	19.68	19.63	20.5	2	
5	16QAM	12	0	18.54	18.58	18.52			
5	16QAM	12	7	18.64	18.68	18.61			
5	16QAM	12	13	18.60	18.62	18.67	20.5	2	
5	16QAM	25	0	18.81	18.84	18.72			
5	64QAM	1	0	18.74	18.79	18.73			
5	64QAM	1	12	18.58	18.68	18.57	20.5	2	
5	64QAM	1	24	18.65	18.72	18.67			
5	64QAM	12	0	17.56	17.77	17.49			
5	64QAM	12	7	17.74	17.58	17.59	19.5	3	
5	64QAM	12	13	17.52	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		
Frequency (MHz)				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)	
				3557.5	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		
Frequency (MHz)				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)	
				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	15.92	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		
Frequency (MHz)				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)	
				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	22.95	23.08	22.83	24.7	1	
20	QPSK	50	24	22.87	22.97	22.85			
20	QPSK	50	50	22.64	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	20.7	5	
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	20.64	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	18.51	18.68	Tune-up limit (dBm)	MPR (dB)	
Channel				43115	43340	43515			
Frequency (MHz)				3557.5	3575	3592.5	25.7	0	
15	QPSK	1	0	24.08	24.26	24.27			
15	QPSK	1	37	23.94	24.18	24.06	24.7	1	
15	QPSK	1	74	23.91	24.07	24.10			
15	QPSK	36	0	22.91	22.97	22.88			
15	QPSK	36	20	22.91	22.95	22.83	24.7	1	
15	QPSK	36	39	22.62	22.95	22.79			
15	QPSK	75	0	22.81	23.05	22.91			
15	16QAM	1	0	22.96	23.24	23.17	24.7	1	
15	16QAM	1	37	22.93	22.83	23.07			
15	16QAM	1	74	22.92	22.94	22.97			
15	16QAM	36	0	21.77	21.77	21.81	23.7	2	
15	16QAM	36	20	22.05	21.84	21.75			
15	16QAM	36	39	21.75	21.99	21.89			
15	16QAM	75	0	22.02	22.14	21.92	23.7	2	
15	64QAM	1	0	21.97	22.12	21.84			
15	64QAM	1	37	21.98	21.86	21.89			
15	64QAM	1	74	21.81	21.95	21.90	22.7	3	
15	64QAM	36	0	20.84	21.10	20.77			
15	64QAM	36	20	20.98	20.75	20.95			
15	64QAM	36	39	20.82	20.97	20.73	20.7	5	
15	64QAM	75	0	21.01	20.94	20.95			
15	256QAM	1	0	18.67	19.09	18.89			
15	256QAM	1	37	18.62	18.78	18.63	20.7	5	
15	256QAM	1	74	18.77	18.66	18.75			
15	256QAM	36	0	18.79	19.02	18.78			
15	256QAM	36	20	18.96	18.86	18.78	20.7	5	
15	256QAM	36	39	18.74	19.01	18.77			
15	256QAM	75	0	18.78	18.90	18.62			
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)	
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	22.92	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	Tune-up limit (dBm)	MPR (dB)	
Channel				43115	43340	43565			
Frequency (MHz)				3552.5	3575	3597.5	25.7	0	
5	QPSK	1	0	24.15	24.33	24.20			
5	QPSK	1	12	23.99	24.19	23.97	24.7	1	
5	QPSK	1	24	23.92	24.07	24.02			
5	QPSK	12	0	22.91	23.03	22.84			
5	QPSK	12	7	22.84	22.98	22.87	24.7	1	
5	QPSK	12	13	22.68	22.94	22.80			
5	QPSK	25	0	22.89	22.98	22.81			
5	16QAM	1	0	23.00	23.16	23.20	24.7	1	
5	16QAM	1	12	23.00	22.90	22.98			
5	16QAM	1	24	22.97	23.01	22.86			
5	16QAM	12	0	21.84	21.81	21.76	23.7	2	
5	16QAM	12	7	21.97	21.85	21.76			
5	16QAM	12	13	21.82	22.01	21.81			
5	16QAM	25	0	21.94	22.08	21.97	23.7	2	
5	64QAM	1	0	22.06	22.14	21.85			
5	64QAM	1	12	22.01	21.86	21.93			
5	64QAM	1	24	21.91	21.99	21.95	22.7	3	
5	64QAM	12	0	20.85	21.02	20.81			
5	64QAM	12	7	21.00	20.72	20.87			
5	64QAM	12	13	20.80	20.92	20.75	20.7	5	
5	64QAM	25	0	20.99	20.98	20.97			
5	256QAM	1	0	18.74	19.07	18.86			
5	256QAM	1	12	18.99	18.74	18.66	20.7	5	
5	256QAM	1	24	18.82	18.64	18.80			
5	256QAM	12	0	18.88	18.99	18.73			
5	256QAM	12	7	18.93	18.84	18.81	20.7	5	
5	256QAM	12	13	18.67	19.03	18.67			
5	256QAM	25	0	18.68	18.80	18.63			

Reduced power level for WWAN

GSM850 Ant0 DSI1

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	848.8		824.2	836.4	848.8	
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	17.28	17.00	17.39	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 DSI1

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4162	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 8	DC-HSDPA Subtest-1	22.89	22.86	22.81	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	22.91	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.40	22.30	23.50
3GPP Rel 8	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

[illegible][illegible]

Band 7 Ants D01												
Ref. (Ants)	Instrument	Obs. ID	Obs. Date	Obs. Time	Obs. Duration	Obs. Status	Obs. Type	Obs. Priority	Obs. Category	Obs. Sub-category	Obs. Sub-type	Obs. Sub-sub-type
Observation 1												
REF-001	ALMA	1	2019-01-01	21:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-002	ALMA	2	2019-01-01	21:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-003	ALMA	3	2019-01-01	21:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-004	ALMA	4	2019-01-01	21:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-005	ALMA	5	2019-01-01	21:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-006	ALMA	6	2019-01-01	21:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-007	ALMA	7	2019-01-01	21:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-008	ALMA	8	2019-01-01	21:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-009	ALMA	9	2019-01-01	21:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-010	ALMA	10	2019-01-01	21:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-011	ALMA	11	2019-01-01	21:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-012	ALMA	12	2019-01-01	21:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-013	ALMA	13	2019-01-01	22:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-014	ALMA	14	2019-01-01	22:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-015	ALMA	15	2019-01-01	22:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-016	ALMA	16	2019-01-01	22:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-017	ALMA	17	2019-01-01	22:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-018	ALMA	18	2019-01-01	22:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-019	ALMA	19	2019-01-01	22:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-020	ALMA	20	2019-01-01	22:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-021	ALMA	21	2019-01-01	22:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-022	ALMA	22	2019-01-01	22:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-023	ALMA	23	2019-01-01	22:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-024	ALMA	24	2019-01-01	22:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-025	ALMA	25	2019-01-01	23:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-026	ALMA	26	2019-01-01	23:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-027	ALMA	27	2019-01-01	23:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-028	ALMA	28	2019-01-01	23:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-029	ALMA	29	2019-01-01	23:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-030	ALMA	30	2019-01-01	23:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-031	ALMA	31	2019-01-01	23:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-032	ALMA	32	2019-01-01	23:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-033	ALMA	33	2019-01-01	23:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-034	ALMA	34	2019-01-01	23:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-035	ALMA	35	2019-01-01	23:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-036	ALMA	36	2019-01-01	23:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-037	ALMA	37	2019-01-01	24:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-038	ALMA	38	2019-01-01	24:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-039	ALMA	39	2019-01-01	24:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-040	ALMA	40	2019-01-01	24:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-041	ALMA	41	2019-01-01	24:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-042	ALMA	42	2019-01-01	24:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-043	ALMA	43	2019-01-01	24:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-044	ALMA	44	2019-01-01	24:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-045	ALMA	45	2019-01-01	24:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-046	ALMA	46	2019-01-01	24:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-047	ALMA	47	2019-01-01	24:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-048	ALMA	48	2019-01-01	24:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-049	ALMA	49	2019-01-01	25:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-050	ALMA	50	2019-01-01	25:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-051	ALMA	51	2019-01-01	25:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-052	ALMA	52	2019-01-01	25:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-053	ALMA	53	2019-01-01	25:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-054	ALMA	54	2019-01-01	25:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-055	ALMA	55	2019-01-01	25:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-056	ALMA	56	2019-01-01	25:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-057	ALMA	57	2019-01-01	25:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-058	ALMA	58	2019-01-01	25:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-059	ALMA	59	2019-01-01	25:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-060	ALMA	60	2019-01-01	25:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-061	ALMA	61	2019-01-01	26:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-062	ALMA	62	2019-01-01	26:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-063	ALMA	63	2019-01-01	26:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-064	ALMA	64	2019-01-01	26:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-065	ALMA	65	2019-01-01	26:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-066	ALMA	66	2019-01-01	26:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-067	ALMA	67	2019-01-01	26:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-068	ALMA	68	2019-01-01	26:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-069	ALMA	69	2019-01-01	26:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-070	ALMA	70	2019-01-01	26:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-071	ALMA	71	2019-01-01	26:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-072	ALMA	72	2019-01-01	26:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-073	ALMA	73	2019-01-01	27:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-074	ALMA	74	2019-01-01	27:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-075	ALMA	75	2019-01-01	27:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-076	ALMA	76	2019-01-01	27:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-077	ALMA	77	2019-01-01	27:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-078	ALMA	78	2019-01-01	27:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-079	ALMA	79	2019-01-01	27:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-080	ALMA	80	2019-01-01	27:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-081	ALMA	81	2019-01-01	27:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-082	ALMA	82	2019-01-01	27:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-083	ALMA	83	2019-01-01	27:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-084	ALMA	84	2019-01-01	27:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-085	ALMA	85	2019-01-01	28:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-086	ALMA	86	2019-01-01	28:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-087	ALMA	87	2019-01-01	28:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-088	ALMA	88	2019-01-01	28:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-089	ALMA	89	2019-01-01	28:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-090	ALMA	90	2019-01-01	28:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-091	ALMA	91	2019-01-01	28:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-092	ALMA	92	2019-01-01	28:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-093	ALMA	93	2019-01-01	28:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-094	ALMA	94	2019-01-01	28:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-095	ALMA	95	2019-01-01	28:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-096	ALMA	96	2019-01-01	28:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-097	ALMA	97	2019-01-01	29:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-098	ALMA	98	2019-01-01	29:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-099	ALMA	99	2019-01-01	29:10:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-100	ALMA	100	2019-01-01	29:15:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-101	ALMA	101	2019-01-01	29:20:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-102	ALMA	102	2019-01-01	29:25:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-103	ALMA	103	2019-01-01	29:30:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-104	ALMA	104	2019-01-01	29:35:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-105	ALMA	105	2019-01-01	29:40:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-106	ALMA	106	2019-01-01	29:45:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-107	ALMA	107	2019-01-01	29:50:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-108	ALMA	108	2019-01-01	29:55:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-109	ALMA	109	2019-01-01	30:00:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-110	ALMA	110	2019-01-01	30:05:00	00:00:00	OK	Normal	1	Normal	Normal	Normal	Normal
REF-111	ALMA											

[illegible]

[illegible]

Band 17 And DBN									
DBN (Ref.)	Frequency (MHz)	15.125	15.150	15.175	15.200	15.225	15.250	15.275	15.300
Frequency		15.125	15.150	15.175	15.200	15.225	15.250	15.275	15.300
DBN 1	15.125	15.125	15.150	15.175	15.200	15.225	15.250	15.275	15.300
DBN 2	15.150	15.150	15.175	15.200	15.225	15.250	15.275	15.300	15.325
DBN 3	15.175	15.175	15.200	15.225	15.250	15.275	15.300	15.325	15.350
DBN 4	15.200	15.200	15.225	15.250	15.275	15.300	15.325	15.350	15.375
DBN 5	15.225	15.225	15.250	15.275	15.300	15.325	15.350	15.375	15.400
DBN 6	15.250	15.250	15.275	15.300	15.325	15.350	15.375	15.400	15.425
DBN 7	15.275	15.275	15.300	15.325	15.350	15.375	15.400	15.425	15.450
DBN 8	15.300	15.300	15.325	15.350	15.375	15.400	15.425	15.450	15.475
DBN 9	15.325	15.325	15.350	15.375	15.400	15.425	15.450	15.475	15.500
DBN 10	15.350	15.350	15.377	15.400	15.425	15.450	15.475	15.500	15.525
DBN 11	15.375	15.375	15.400	15.425	15.450	15.477	15.500	15.525	15.550
DBN 12	15.400	15.400	15.425	15.450	15.477	15.500	15.527	15.550	15.575
DBN 13	15.425	15.425	15.450	15.477	15.500	15.527	15.550	15.577	15.600
DBN 14	15.450	15.450	15.477	15.500	15.527	15.550	15.577	15.600	15.625
DBN 15	15.475	15.475	15.500	15.527	15.550	15.577	15.600	15.627	15.650
DBN 16	15.500	15.500	15.527	15.550	15.577	15.600	15.627	15.650	15.675
DBN 17	15.525	15.525	15.550	15.577	15.600	15.627	15.650	15.677	15.700
DBN 18	15.550	15.550	15.577	15.600	15.627	15.650	15.677	15.700	15.725
DBN 19	15.575	15.575	15.600	15.627	15.650	15.677	15.700	15.727	15.750
DBN 20	15.600	15.600	15.627	15.650	15.677	15.700	15.727	15.750	15.775
DBN 21	15.625	15.625	15.650	15.677	15.700	15.727	15.750	15.777	15.800
DBN 22	15.650	15.650	15.677	15.700	15.727	15.750	15.777	15.800	15.825
DBN 23	15.675	15.675	15.700	15.727	15.750	15.777	15.800	15.827	15.850
DBN 24	15.700	15.700	15.727	15.750	15.777	15.800	15.827	15.850	15.875
DBN 25	15.725	15.725	15.750	15.777	15.800	15.827	15.850	15.877	15.900
DBN 26	15.750	15.750	15.777	15.800	15.827	15.850	15.877	15.900	15.925
DBN 27	15.775	15.775	15.800	15.827	15.850	15.877	15.900	15.927	15.950
DBN 28	15.800	15.800	15.827	15.850	15.877	15.900	15.927	15.950	15.975
DBN 29	15.825	15.825	15.850	15.877	15.900	15.927	15.950	15.977	16.000
DBN 30	15.850	15.850	15.877	15.900	15.927	15.950	15.977	16.000	16.025
DBN 31	15.875	15.875	15.900	15.927	15.950	15.977	16.000	16.027	16.050
DBN 32	15.900	15.900	15.927	15.950	15.977	16.000	16.027	16.050	16.075
DBN 33	15.925	15.925	15.950	15.977	16.000	16.027	16.050	16.077	16.100
DBN 34	15.950	15.950	15.977	16.000	16.027	16.050	16.077	16.100	16.125
DBN 35	15.975	15.975	16.000	16.027	16.050	16.077	16.100	16.127	16.150
DBN 36	16.000	16.000	16.027	16.050	16.077	16.100	16.127	16.150	16.175
DBN 37	16.025	16.025	16.050	16.077	16.100	16.127	16.150	16.177	16.200
DBN 38	16.050	16.050	16.077	16.100	16.127	16.150	16.177	16.200	16.225
DBN 39	16.075	16.075	16.100	16.127	16.150	16.177	16.200	16.227	16.250
DBN 40	16.100	16.100	16.127	16.150	16.177	16.200	16.227	16.250	16.275
DBN 41	16.125	16.125	16.150	16.177	16.200	16.227	16.250	16.277	16.300
DBN 42	16.150	16.150	16.177	16.200	16.227	16.250	16.277	16.300	16.325
DBN 43	16.175	16.175	16.200	16.227	16.250	16.277	16.300	16.327	16.350
DBN 44	16.200	16.200	16.227	16.250	16.277	16.300	16.327	16.350	16.375
DBN 45	16.225	16.225	16.250	16.277	16.300	16.327	16.350	16.377	16.400
DBN 46	16.250	16.250	16.277	16.300	16.327	16.350	16.377	16.400	16.425
DBN 47	16.275	16.275	16.300	16.327	16.350	16.377	16.400	16.427	16.450
DBN 48	16.300	16.300	16.327	16.350	16.377	16.400	16.427	16.450	16.475
DBN 49	16.325	16.325	16.350	16.377	16.400	16.427	16.450	16.477	16.500
DBN 50	16.350	16.350	16.377	16.400	16.427	16.450	16.477	16.500	16.525
DBN 51	16.375	16.375	16.400	16.427	16.450	16.477	16.500	16.527	16.550
DBN 52	16.400	16.400	16.427	16.450	16.477	16.500	16.527	16.550	16.575
DBN 53	16.425	16.425	16.450	16.477	16.500	16.527	16.550	16.577	16.600
DBN 54	16.450	16.450	16.477	16.500	16.527	16.550	16.577	16.600	16.625
DBN 55	16.475	16.475	16.500	16.527	16.550	16.577	16.600	16.627	16.650
DBN 56	16.500	16.500	16.527	16.550	16.577	16.600	16.627	16.650	16.675
DBN 57	16.525	16.525	16.550	16.577	16.600	16.627	16.650	16.677	16.700
DBN 58	16.550	16.550	16.577	16.600	16.627	16.650	16.677	16.700	16.725
DBN 59	16.575	16.575	16.600	16.627	16.650	16.677	16.700	16.727	16.750
DBN 60	16.600	16.600	16.627	16.650	16.677	16.700	16.727	16.750	16.775
DBN 61	16.625	16.625	16.650	16.677	16.700	16.727	16.750	16.777	16.800
DBN 62	16.650	16.650	16.677	16.700	16.727	16.750	16.777	16.800	16.825
DBN 63	16.675	16.675	16.700	16.727	16.750	16.777	16.800	16.827	16.850
DBN 64	16.700	16.700	16.727	16.750	16.777	16.800	16.827	16.850	16.875
DBN 65	16.725	16.725	16.750	16.777	16.800	16.827	16.850	16.877	16.900
DBN 66	16.750	16.750	16.777	16.800	16.827	16.850	16.877	16.900	16.925
DBN 67	16.775	16.775	16.800	16.827	16.850	16.877	16.900	16.927	16.950
DBN 68	16.800	16.800	16.827	16.850	16.877	16.900	16.927	16.950	16.975
DBN 69	16.825	16.825	16.850	16.877	16.900	16.927	16.950	16.977	17.000
DBN 70	16.850	16.850	16.877	16.900	16.927	16.950	16.977	17.000	17.025
DBN 71	16.875	16.875	16.900	16.927	16.950	16.977	17.000	17.027	17.050
DBN 72	16.900	16.900	16.927	16.950	16.977	17.000	17.027	17.050	17.075
DBN 73	16.925	16.925	16.950	16.977	17.000	17.027	17.050	17.077	17.100
DBN 74	16.950	16.950	16.977	17.000	17.027	17.050	17.077	17.100	17.125
DBN 75	16.975	16.975	17.000	17.027	17.050	17.077	17.100	17.127	17.150
DBN 76	17.000	17.000	17.027	17.050	17.077	17.100	17.127	17.150	17.175
DBN 77	17.025	17.025	17.050	17.077	17.100	17.127	17.150	17.177	17.200
DBN 78	17.050	17.050	17.077	17.100	17.127	17.150	17.177	17.200	17.225
DBN 79	17.075	17.075	17.100	17.127	17.150	17.177	17.200	17.227	17.250
DBN 80	17.100	17.100	17.127	17.150	17.177	17.200	17.227	17.250	17.275
DBN 81	17.125	17.125	17.150	17.177	17.200	17.227	17.250	17.277	17.300
DBN 82	17.150	17.150	17.177	17.200	17.227	17.250	17.277	17.300	17.325
DBN 83	17.175	17.175	17.200	17.227	17.250	17.277	17.300	17.327	17.350
DBN 84	17.200	17.200	17.227	17.250	17.277	17.300	17.327	17.350	17.375
DBN 85	17.225	17.225	17.250	17.277	17.300	17.327	17.350	17.377	17.400
DBN 86	17.250	17.250	17.277	17.300	17.327	17.350	17.377	17.400	17.425
DBN 87	17.275	17.275	17.300	17.327	17.350	17.377	17.400	17.427	17.450
DBN 88	17.300	17.300	17.327	17.350	17.377	17.400	17.427	17.450	17.475
DBN 89	17.325	17.325	17.350	17.377	17.400	17.427	17.450	17.477	17.500
DBN 90	17.350	17.350	17.377	17.400	17.427	17.450	17.477	17.500	17.525
DBN 91	17.375	17.375	17.400	17.427	17.450	17.477	17.500	17.527	17.550
DBN 92	17.400	17.400	17.427	17.450	17.477	17.500	17.527	17.550	17.575
DBN 93	17.425	17.425	17.450	17.477	17.500	17.527	17.550	17.577	17.600
DBN 94	17.450	17.450	17.477	17.500	17.527	17.550	17.577	17.600	17.625
DBN 95	17.475	17.475	17.500	17.527	17.550	17.577	17.600	17.627	17.650
DBN 96	17.500	17.500	17.527	17.550	17.577	17.600	17.627	17.650	17.675
DBN 97	17.525	17.525	17.550	17.577	17.600	17.627	17.650	17.677	17.700
DBN 98	17.550	17.550	17.577	17.600	17.627	17.650	17.677	17.700	17.725
DBN 99	17.575	17.575	17.600	17.627	17.650	17.677	17.700	17.727	17.750
DBN 100	17.600	17.600	17.627	17.650	17.677	17.700	17.727	17.750	17.775

[illegible]

Band 6e A6D D6B											
Ref. (MHz)	Instant. Bandwidth	Ref. Freq.	Ref. Offset	Ref. Time	Ref. Name	Ref. Page	Ref. Page	Ref. Page	Ref. Page	Ref. Page	Ref. Page
Frequency (MHz)											
001	CPH01	1	0	0	0	0	0	0	0	0	0
002	CPH01	1	0	0	0	0	0	0	0	0	0
003	CPH01	1	0	0	0	0	0	0	0	0	0
004	CPH01	1	0	0	0	0	0	0	0	0	0
005	CPH01	1	0	0	0	0	0	0	0	0	0
006	CPH01	1	0	0	0	0	0	0	0	0	0
007	CPH01	1	0	0	0	0	0	0	0	0	0
008	CPH01	1	0	0	0	0	0	0	0	0	0
009	CPH01	1	0	0	0	0	0	0	0	0	0
010	CPH01	1	0	0	0	0	0	0	0	0	0
011	CPH01	1	0	0	0	0	0	0	0	0	0
012	CPH01	1	0	0	0	0	0	0	0	0	0
013	CPH01	1	0	0	0	0	0	0	0	0	0
014	CPH01	1	0	0	0	0	0	0	0	0	0
015	CPH01	1	0	0	0	0	0	0	0	0	0
016	CPH01	1	0	0	0	0	0	0	0	0	0
017	CPH01	1	0	0	0	0	0	0	0	0	0
018	CPH01	1	0	0	0	0	0	0	0	0	0
019	CPH01	1	0	0	0	0	0	0	0	0	0
020	CPH01	1	0	0	0	0	0	0	0	0	0
021	CPH01	1	0	0	0	0	0	0	0	0	0
022	CPH01	1	0	0	0	0	0	0	0	0	0
023	CPH01	1	0	0	0	0	0	0	0	0	0
024	CPH01	1	0	0	0	0	0	0	0	0	0
025	CPH01	1	0	0	0	0	0	0	0	0	0
026	CPH01	1	0	0	0	0	0	0	0	0	0
027	CPH01	1	0	0	0	0	0	0	0	0	0
028	CPH01	1	0	0	0	0	0	0	0	0	0
029	CPH01	1	0	0	0	0	0	0	0	0	0
030	CPH01	1	0	0	0	0	0	0	0	0	0
031	CPH01	1	0	0	0	0	0	0	0	0	0
032	CPH01	1	0	0	0	0	0	0	0	0	0
033	CPH01	1	0	0	0	0	0	0	0	0	0
034	CPH01	1	0	0	0	0	0	0	0	0	0
035	CPH01	1	0	0	0	0	0	0	0	0	0
036	CPH01	1	0	0	0	0	0	0	0	0	0
037	CPH01	1	0	0	0	0	0	0	0	0	0
038	CPH01	1	0	0	0	0	0	0	0	0	0
039	CPH01	1	0	0	0	0	0	0	0	0	0
040	CPH01	1	0	0	0	0	0	0	0	0	0
041	CPH01	1	0	0	0	0	0	0	0	0	0
042	CPH01	1	0	0	0	0	0	0	0	0	0
043	CPH01	1	0	0	0	0	0	0	0	0	0
044	CPH01	1	0	0	0	0	0	0	0	0	0
045	CPH01	1	0	0	0	0	0	0	0	0	0
046	CPH01	1	0	0	0	0	0	0	0	0	0
047	CPH01	1	0	0	0	0	0	0	0	0	0
048	CPH01	1	0	0	0	0	0	0	0	0	0
049	CPH01	1	0	0	0	0	0	0	0	0	0
050	CPH01	1	0	0	0	0	0	0	0	0	0
051	CPH01	1	0	0	0	0	0	0	0	0	0
052	CPH01	1	0	0	0	0	0	0	0	0	0
053	CPH01	1	0	0	0	0	0	0	0	0	0
054	CPH01	1	0	0	0	0	0	0	0	0	0
055	CPH01	1	0	0	0	0	0	0	0	0	0
056	CPH01	1	0	0	0	0	0	0	0	0	0
057	CPH01	1	0	0	0	0	0	0	0	0	0
058	CPH01	1	0	0	0	0	0	0	0	0	0
059	CPH01	1	0	0	0	0	0	0	0	0	0
060	CPH01	1	0	0	0	0	0	0	0	0	0
061	CPH01	1	0	0	0	0	0	0	0	0	0
062	CPH01	1	0	0	0	0	0	0	0	0	0
063	CPH01	1	0	0	0	0	0	0	0	0	0
064	CPH01	1	0	0	0	0	0	0	0	0	0
065	CPH01	1	0	0	0	0	0	0	0	0	0
066	CPH01	1	0	0	0	0	0	0	0	0	0
067	CPH01	1	0	0	0	0	0	0	0	0	0
068	CPH01	1	0	0	0	0	0	0	0	0	0
069	CPH01	1	0	0	0	0	0	0	0	0	0
070	CPH01	1	0	0	0	0	0	0	0	0	0
071	CPH01	1	0	0	0	0	0	0	0	0	0
072	CPH01	1	0	0	0	0	0	0	0	0	0
073	CPH01	1	0	0	0	0	0	0	0	0	0
074	CPH01	1	0	0	0	0	0	0	0	0	0
075	CPH01	1	0	0	0	0	0	0	0	0	0
076	CPH01	1	0	0	0	0	0	0	0	0	0
077	CPH01	1	0	0	0	0	0	0	0	0	0
078	CPH01	1	0	0	0	0	0	0	0	0	0
079	CPH01	1	0	0	0	0	0	0	0	0	0
080	CPH01	1	0	0	0	0	0	0	0	0	0
081	CPH01	1	0	0	0	0	0	0	0	0	0
082	CPH01	1	0	0	0	0	0	0	0	0	0
083	CPH01	1	0	0	0	0	0	0	0	0	0
084	CPH01	1	0	0	0	0	0	0	0	0	0
085	CPH01	1	0	0	0	0	0	0	0	0	0
086	CPH01	1	0	0	0	0	0	0	0	0	0
087	CPH01	1	0	0	0	0	0	0	0	0	0
088	CPH01	1	0	0	0	0	0	0	0	0	0
089	CPH01	1	0	0	0	0	0	0	0	0	0
090	CPH01	1	0	0	0	0	0	0	0	0	0
091	CPH01	1	0	0	0	0	0	0	0	0	0
092	CPH01	1	0	0	0	0	0	0	0	0	0
093	CPH01	1	0	0	0	0	0	0	0	0	0
094	CPH01	1	0	0	0	0	0	0	0	0	0
095	CPH01	1	0	0	0	0	0	0	0	0	0
096	CPH01	1	0	0	0	0	0	0	0	0	0
097	CPH01	1	0	0	0	0	0	0	0	0	0
098	CPH01	1	0	0	0	0	0	0	0	0	0
099	CPH01	1	0	0	0	0	0	0	0	0	0
100	CPH01	1	0	0	0	0	0	0	0	0	0
101	CPH01	1	0	0	0	0	0	0	0	0	0
102	CPH01	1	0	0	0	0	0	0	0	0	0
103	CPH01	1	0	0	0	0	0	0	0	0	0
104	CPH01	1	0	0	0	0	0	0	0	0	0
105	CPH01	1	0	0	0	0	0	0	0	0	0
106	CPH01	1	0	0	0	0	0	0	0	0	0
107	CPH01	1	0	0	0	0	0	0	0	0	0
108	CPH01	1	0	0	0	0	0	0	0	0	0
109	CPH01	1	0	0	0	0	0	0	0	0	0
110	CPH01	1	0	0	0	0	0	0	0	0	0
111	CPH01	1	0	0	0	0	0	0	0	0	0
112	CPH01	1	0	0	0	0	0	0	0	0	0
113	CPH01	1	0	0	0	0	0	0	0	0	0
114	CPH01	1	0	0	0	0	0	0	0	0	0
115	CPH01	1	0	0	0	0	0	0	0	0	0
116	CPH01	1	0	0	0	0	0	0	0	0	0
117	CPH01	1	0	0	0	0	0	0	0	0	0
118	CPH01	1	0	0	0	0	0	0	0	0	0
119	CPH01	1	0	0	0	0	0	0	0	0	0
120	CPH01	1	0	0	0	0	0	0	0	0	0
121	CPH01	1	0	0	0	0	0	0	0	0	0
122	CPH01	1	0	0	0	0	0	0	0	0	0
123	CPH01	1	0	0	0	0	0	0	0	0	0
124	CPH01	1	0	0	0	0	0	0	0	0	0
125	CPH01	1	0	0	0	0	0	0	0	0	0
126	CPH01	1	0	0	0	0	0	0	0	0	0
127	CPH01	1	0	0	0	0	0	0	0	0	0
128	CPH01	1	0	0	0	0	0	0	0	0	0
129	CPH01	1	0	0	0	0	0	0	0	0	0
130	CPH01	1	0	0	0	0	0	0	0	0	0
131	CPH01	1	0	0	0	0	0	0	0	0	0
132	CPH01	1	0	0	0	0	0	0	0	0	0
133	CPH01	1	0	0	0	0	0	0	0	0	0
134	CPH01	1	0	0	0	0	0	0	0	0	0
135	CPH01	1	0	0	0	0	0	0	0	0	0
136	CPH01	1	0	0	0	0	0	0	0	0	0
137	CPH01	1	0	0	0	0	0	0	0	0	0
138	CPH01	1	0	0	0	0	0	0	0	0	0
139	CPH01	1	0	0	0	0	0	0	0	0	0
140	CPH01	1	0	0	0	0	0	0	0	0	0
141	CPH01	1	0	0	0	0	0	0	0	0	0
142	CPH01	1	0	0	0	0	0	0	0	0	0
143	CPH01	1	0	0	0	0	0	0	0	0	0
144	CPH01	1	0	0	0	0	0	0	0	0	0
145	CPH01	1	0	0	0	0	0	0	0	0	0
146	CPH01	1	0	0	0	0	0	0	0	0	0
147	CPH01	1	0	0	0	0	0	0	0	0	0
148	CPH01	1	0	0	0	0	0	0	0	0	0
149	CPH01	1	0	0	0	0	0	0	0	0	0
150	CPH01	1	0	0	0	0	0	0	0	0	0
151	CPH01	1	0	0	0	0	0	0	0	0	0
152											

Device		Dimensions		Weight		Performance (FPS)		Battery Life (h)		Price (\$)	
Model	Year	Height (mm)	Width (mm)	Weight (g)	Volume (cm³)	GPU	CPU	Screen (in)	Resolution	OS	Storage (GB)
Series A	Model A-1	150	75	2100	1050	Adreno 750	Qualcomm 8 Gen 2	6.7	2560x1440	Android 14	256
	Model A-2	155	78	2200	1100	Adreno 750	Qualcomm 8 Gen 2	6.8	2600x1460	Android 14	256
	Model A-3	160	80	2300	1150	Adreno 750	Qualcomm 8 Gen 2	6.9	2688x1512	Android 14	256
	Model A-4	165	82	2400	1200	Adreno 750	Qualcomm 8 Gen 2	7.0	2736x1536	Android 14	256
	Model A-5	170	85	2500	1250	Adreno 750	Qualcomm 8 Gen 2	7.1	2784x1560	Android 14	256
Series B	Model B-1	145	72	2000	1000	Adreno 740	Qualcomm 8 Gen 1	6.5	2400x1344	Android 13	128
	Model B-2	150	75	2100	1050	Adreno 740	Qualcomm 8 Gen 1	6.6	2448x1368	Android 13	128
	Model B-3	155	78	2200	1100	Adreno 740	Qualcomm 8 Gen 1	6.7	2500x1390	Android 13	128
	Model B-4	160	80	2300	1150	Adreno 740	Qualcomm 8 Gen 1	6.8	2550x1410	Android 13	128
	Model B-5	165	82	2400	1200	Adreno 740	Qualcomm 8 Gen 1	6.9	2600x1430	Android 13	128
Series C	Model C-1	140	70	1900	950	Adreno 730	Qualcomm 7 Gen 2	6.4	2340x1320	Android 13	128
	Model C-2	145	72	2000	1000	Adreno 730	Qualcomm 7 Gen 2	6.5	2380x1340	Android 13	128
	Model C-3	150	75	2100	1050	Adreno 730	Qualcomm 7 Gen 2	6.6	2420x1360	Android 13	128
	Model C-4	155	78	2200	1100	Adreno 730	Qualcomm 7 Gen 2	6.7	2460x1380	Android 13	128
	Model C-5	160	80	2300	1150	Adreno 730	Qualcomm 7 Gen 2	6.8	2500x1400	Android 13	128
Summary		Average Dimensions		Average Weight		Average Performance		Average Battery Life		Average Price	
Model	Year	Height (mm)	Width (mm)	Weight (g)	Volume (cm³)	GPU	CPU	Screen (in)	Resolution	OS	Storage (GB)
Model C-1	2023	140	70	1900	950	Adreno 730	Qualcomm 7 Gen 2	6.4	2340x1320	Android 13	128
Model C-2	2023	145	72	2000	1000	Adreno 730	Qualcomm 7 Gen 2	6.5	2380x1340	Android 13	128
Model C-3	2023	150	75	2100	1050	Adreno 730	Qualcomm 7 Gen 2	6.6	2420x1360	Android 13	128
Model C-4	2023	155	78	2200	1100	Adreno 730	Qualcomm 7 Gen 2	6.7	2460x1380	Android 13	128
Model C-5	2023	160	80	2300	1150	Adreno 730	Qualcomm 7 Gen 2	6.8	2500x1400	Android 13	128
Model A-1	2024	150	75	2100	1050	Adreno 750	Qualcomm 8 Gen 2	6.7	2560x1440	Android 14	256
Model A-2	2024	155	78	2200	1100	Adreno 750	Qualcomm 8 Gen 2	6.8	2600x1460	Android 14	256
Model A-3	2024	160	80	2300	1150	Adreno 750	Qualcomm 8 Gen 2	6.9	2688x1512	Android 14	256
Model A-4	2024	165	82	2400	1200	Adreno 750	Qualcomm 8 Gen 2	7.0	2736x1536	Android 14	256
Model A-5	2024	170	85	2500	1250	Adreno 750	Qualcomm 8 Gen 2	7.1	2784x1560	Android 14	256
Model B-1	2023	145	72	2000	1000	Adreno 740	Qualcomm 8 Gen 1	6.5	2400x1344	Android 13	128
Model B-2	2023	150	75	2100	1050	Adreno 740	Qualcomm 8 Gen 1	6.6	2448x1368	Android 13	128
Model B-3	2023	155	78	2200	1100	Adreno 740	Qualcomm 8 Gen 1	6.7	2500x1390	Android 13	128
Model B-4	2023	160	80	2300	1150	Adreno 740	Qualcomm 8 Gen 1	6.8	2550x1410	Android 13	128
Model B-5	2023	165	82	2400	1200	Adreno 740	Qualcomm 8 Gen 1	6.9	2600x1430	Android 13	128
Model C-1	2023	140	70	1900	950	Adreno 730	Qualcomm 7 Gen 2	6.4	2340x1320	Android 13	128
Model C-2	2023	145	72	2000	1000	Adreno 730	Qualcomm 7 Gen 2	6.5	2380x1340	Android 13	128
Model C-3	2023	150	75	2100	1050	Adreno 730	Qualcomm 7 Gen 2	6.6	2420x1360	Android 13	128
Model C-4	2023	155	78	2200	1100	Adreno 730	Qualcomm 7 Gen 2	6.7	2460x1380	Android 13	128
Model C-5	2023	160	80	2300	1150	Adreno 730	Qualcomm 7 Gen 2	6.8	2500x1400	Android 13	128

[illegible]