

10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	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	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	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	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	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	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	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	AAD	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	AAC	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	AAC	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	AAE	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	AAE	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	AAE	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	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	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	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	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	AAB	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 %

^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 Mode

GSM850 Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.26	32.37	32.28	33.50	23.26	23.37	23.28	24.50
GPRS 1 Tx slot		32.24	32.33	32.26	33.50	23.24	23.33	23.26	24.50
GPRS 2 Tx slots		30.72	30.82	30.77	32.00	24.72	24.82	24.77	26.00
GPRS 3 Tx slots		28.73	28.82	28.79	30.00	24.47	24.56	24.53	25.74
GPRS 4 Tx slots		27.80	27.88	27.87	29.00	24.80	24.88	24.87	26.00
EDGE 1 Tx slot		27.15	27.21	27.23	28.50	18.15	18.21	18.23	19.50
EDGE 2 Tx slots		25.52	25.79	25.50	27.00	19.52	19.79	19.50	21.00
EDGE 3 Tx slots		24.08	24.17	24.13	25.50	19.82	19.91	19.87	21.24
EDGE 4 Tx slots		22.64	22.67	22.68	24.00	19.64	19.67	19.68	21.00

GSM1900 Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.32	29.29	29.56	30.50	20.32	20.29	20.56	21.50
GPRS 1 Tx slot		29.29	29.28	29.53	30.50	20.29	20.28	20.53	21.50
GPRS 2 Tx slots		27.57	27.77	28.03	29.00	21.57	21.77	22.03	23.00
GPRS 3 Tx slots		25.54	25.75	25.99	27.00	21.28	21.49	21.73	22.74
GPRS 4 Tx slots		24.64	24.84	24.77	26.00	21.64	21.84	21.77	23.00
EDGE 1 Tx slot		26.32	26.20	26.21	27.50	17.32	17.20	17.21	18.50
EDGE 2 Tx slots		25.53	25.27	25.39	26.50	19.53	19.27	19.39	20.50
EDGE 3 Tx slots		24.37	24.10	24.27	25.50	20.11	19.84	20.01	21.24
EDGE 4 Tx slots		22.91	22.81	22.87	24.00	19.91	19.81	19.87	21.00

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.63	22.89	22.76	24.00	22.66	22.68	22.63	24.00	22.70	22.71	22.64	24.00	22.30	22.31	22.26	23.50
3GPP Rel 99	RMG 12.2Kbps	22.65	22.91	22.80	24.00	22.69	22.70	22.65	24.00	22.72	22.74	22.67	24.00	22.32	22.34	22.28	23.50
3GPP Rel 6	HSDPA Subtest-1	21.86	21.98	22.15	23.00	22.05	22.04	22.04	23.00	22.12	22.06	22.16	23.00	21.41	21.33	21.43	22.50
3GPP Rel 6	HSDPA Subtest-2	21.79	21.97	22.07	23.00	22.07	22.06	22.06	23.00	22.02	22.00	22.06	23.00	21.30	21.29	21.35	22.50
3GPP Rel 6	HSDPA Subtest-3	21.30	21.47	21.56	22.50	21.63	21.58	21.59	22.50	21.54	21.47	21.58	22.50	20.78	20.81	20.83	22.00
3GPP Rel 6	HSDPA Subtest-4	21.32	21.44	21.53	22.50	21.62	21.56	21.59	22.50	21.52	21.45	21.55	22.50	20.76	20.79	20.81	22.00
3GPP Rel 6	DC-HSDPA Subtest-1	21.94	21.96	22.11	23.00	22.04	22.08	22.06	23.00	22.16	22.15	22.11	23.00	21.34	21.29	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.76	21.86	21.99	23.00	22.18	21.94	22.05	23.00	21.96	21.91	22.00	23.00	21.43	21.37	21.32	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.41	21.50	21.54	22.50	21.70	21.66	21.65	22.50	21.62	21.37	21.88	22.50	20.67	20.91	20.83	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.38	21.48	22.50	21.72	21.62	21.69	22.50	21.47	21.46	21.64	22.50	20.79	20.83	20.89	22.00
3GPP Rel 6	HSUPA Subtest-1	19.85	20.07	20.17	21.00	20.04	19.87	20.15	21.00	20.12	20.02	20.17	21.00	19.38	19.31	19.42	20.50
3GPP Rel 6	HSUPA Subtest-2	19.90	20.00	20.15	21.00	20.07	19.94	20.03	21.00	20.13	20.06	20.13	21.00	19.37	19.34	19.41	20.50
3GPP Rel 6	HSUPA Subtest-3	20.84	21.04	21.12	22.00	21.00	21.03	21.04	22.00	21.13	21.03	21.11	22.00	20.40	20.33	20.42	21.50
3GPP Rel 6	HSUPA Subtest-4	19.36	19.57	19.62	20.50	19.57	19.42	19.64	20.50	19.65	19.52	19.70	20.50	18.87	18.83	18.94	20.00
3GPP Rel 6	HSUPA Subtest-5	20.90	20.90	21.00	22.00	20.95	20.99	20.90	22.00	21.00	21.00	21.00	22.00	20.30	20.30	20.30	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.68	20.70	20.63	21.50	20.88	20.78	20.85	21.50	20.88	20.70	20.73	21.50	20.08	20.10	20.13	21.00

Band 2 Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.76	22.95	22.72	24	0				
20	QPSK	1	49	22.85	22.90	22.83						
20	QPSK	1	99	22.55	22.65	22.67						
20	QPSK	50	0	21.82	22.00	21.84						
20	QPSK	50	24	21.85	21.96	21.99	23	1				
20	QPSK	50	50	21.79	21.83	21.94						
20	QPSK	100	0	21.78	22.03	21.97						
20	16QAM	1	0	21.87	21.93	22.04						
20	16QAM	1	49	22.15	22.05	22.29	23	1				
20	16QAM	1	99	21.89	21.99	21.92						
20	16QAM	50	0	20.79	20.90	20.96						
20	16QAM	50	24	20.82	20.92	20.94						
20	16QAM	50	50	20.78	20.83	20.89	22	2				
20	16QAM	100	0	20.78	20.85	20.96						
20	64QAM	1	0	20.93	20.95	21.08						
20	64QAM	1	49	21.00	20.87	21.02						
20	64QAM	1	99	20.93	20.92	20.98	22	2				
20	64QAM	50	0	19.74	19.91	19.92						
20	64QAM	50	24	19.82	19.92	19.96						
20	64QAM	50	50	19.78	19.81	19.92						
20	64QAM	100	0	19.95	19.85	20.00	21	3				
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.59	22.81	22.81	24	0				
15	QPSK	1	37	22.86	22.83	22.94						
15	QPSK	1	74	22.63	22.77	22.83						
15	QPSK	36	0	21.76	21.95	21.96						
15	QPSK	36	20	21.81	21.97	21.98	23	1				
15	QPSK	36	39	21.80	21.90	21.99						
15	QPSK	75	0	21.80	21.93	21.97						
15	16QAM	1	0	21.89	21.97	21.94						
15	16QAM	1	37	22.03	22.01	22.31	23	1				
15	16QAM	1	74	21.93	21.95	21.90						
15	16QAM	36	0	20.70	20.96	20.87						
15	16QAM	36	20	20.77	20.91	20.94						
15	16QAM	36	39	20.83	20.74	20.98	22	2				
15	16QAM	75	0	20.64	20.78	21.08						
15	64QAM	1	0	21.05	20.93	21.05						
15	64QAM	1	37	21.12	21.05	21.11						
15	64QAM	1	74	21.08	21.10	21.14	22	2				
15	64QAM	36	0	19.76	19.82	19.92						
15	64QAM	36	20	19.78	19.90	19.92						
15	64QAM	36	39	19.81	19.88	19.93						
15	64QAM	75	0	19.91	19.94	19.98	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.61	22.85	22.84	24	0				
10	QPSK	1	25	22.80	22.77	22.93						
10	QPSK	1	49	22.61	22.73	22.85						
10	QPSK	25	0	21.73	21.92	21.94						
10	QPSK	25	12	21.80	21.93	21.96	23	1				
10	QPSK	25	25	21.74	21.94	21.94						
10	QPSK	50	0	21.78	21.94	21.93						
10	16QAM	1	0	21.93	21.99	22.12						
10	16QAM	1	25	22.10	22.20	22.17	23	1				
10	16QAM	1	49	21.89	21.98	22.10						
10	16QAM	25	0	20.72	20.73	20.81						
10	16QAM	25	12	20.81	20.85	20.85						
10	16QAM	25	25	20.76	20.94	20.83	22	2				
10	16QAM	50	0	20.78	20.94	20.91						
10	64QAM	1	0	20.79	20.94	20.97						
10	64QAM	1	25	20.97	21.09	21.07						
10	64QAM	1	49	20.81	20.91	20.98	21	3				
10	64QAM	25	0	19.83	19.89	19.90						
10	64QAM	25	12	19.73	19.90	19.86						
10	64QAM	25	25	19.81	19.93	19.79						
10	64QAM	50	0	19.80	19.89	19.90	Channel					
Frequency (MHz)												
5	QPSK	1	0	22.56	22.80	22.84	24	0				
5	QPSK	1	12	22.80	22.89	22.78						
5	QPSK	1	24	22.57	22.76	22.88						
5	QPSK	12	0	21.67	21.87	21.99						
5	QPSK	12	7	21.83	21.94	21.87	23	1				
5	QPSK	12	13	21.87	21.86	21.87						
5	QPSK	25	0	21.89	21.87	21.88						
5	16QAM	1	0	21.97	21.87	22.12						
5	16QAM	1	12	22.19	22.24	22.07	23	1				
5	16QAM	1	24	21.91	22.00	22.07						
5	16QAM	12	0	20.68	20.81	20.75						
5	16QAM	12	7	20.68	20.85	20.96						
5	16QAM	12	13	20.64	21.05	20.82	22	2				
5	16QAM	25	0	20.89	20.96	20.85						
5	64QAM	1	0	20.84	20.82	20.88						
5	64QAM	1	12	21.05	21.19	20.95						
5	64QAM	1	24	20.89	21.00	20.91	22	2				
5	64QAM	12	0	19.88	19.99	20.02						
5	64QAM	12	7	19.81	19.95	19.84						
5	64QAM	12	13	19.81	19.92	19.69						
5	64QAM	25	0	19.92	19.97	19.85	Channel					
Frequency (MHz)												
3	QPSK	1	0	22.66	22.80	22.91	24	0				
3	QPSK	1	8	22.63	22.82	22.92						
3	QPSK	1	14	22.66	22.81	22.94						
3	QPSK	8	0	21.72	21.87	21.98						
3	QPSK	8	4	21.73	21.92	21.84	23	1				
3	QPSK	8	7	21.71	21.90	21.98						
3	QPSK	15	0	21.69	21.90	21.97						
3	16QAM	1	0	21.92	22.05	22.09						
3	16QAM	1	8	21.90	22.05	22.10	23	1				
3	16QAM	1	14	21.92	22.07	22.14						
3	16QAM	8	0	20.76	20.73	20.82						
3	16QAM	8	4	20.78	20.79	20.86						
3	16QAM	8	7	20.75	20.84	20.82	22	2				
3	16QAM	15	0	20.72	20.93	20.96						
3	64QAM	1	0	20.82	20.97	21.03						
3	64QAM	1	8	20.80	21.01	21.07						
3	64QAM	1	14	20.81	20.98	21.04	22	2				
3	64QAM	8	0	19.90	19.97	19.98						
3	64QAM	8	4	19.54	19.82	19.80						
3	64QAM	8	7	19.75	19.91	19.79						
3	64QAM	15	0	19.58	19.95	19.80	Channel					
Frequency (MHz)												
1.4	QPSK	1	0	22.59	22.78	22.78	24	0				
1.4	QPSK	1	3	22.66	22.87	22.90						
1.4	QPSK	1	5	22.58	22.77	22.76						
1.4	QPSK	3	0	22.68	22.86	22.91						
1.4	QPSK	3	1	22.74	22.90	22.92	23	1				
1.4	QPSK	3	3	22.68	22.86	22.89						
1.4	QPSK	6	0	21.72	21.88	21.91						
1.4	16QAM	1	0	21.84	21.97	22.00						
1.4	16QAM	1	5	21.98	22.15	22.16	23	1				
1.4	16QAM	1	5	21.85	22.01	22.04						
1.4	16QAM	3	0	21.66	21.82	21.86						
1.4	16QAM	3	1	21.73	21.85	21.91						
1.4	16QAM	3	3	21.70	21.85	21.85	22	2				
1.4	16QAM	6	0	20.79	20.83	20.90						
1.4	64QAM	1	0	20.76	20.91	20.99						
1.4	64QAM	1	3	20.84	20.96	20.93						
1.4	64QAM	1	5	20.71	20.87	20.83	22	2				
1.4	64QAM	3	0	20.72	20.90	20.88						
1.4	64QAM	3	1	20.73	20.84	20.63						
1.4	64QAM	3	3	20.82	20.88	20.74						
1.4	64QAM	6	0	19.78	19.85	19.90	21	3				

Band 7 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.61	22.69	22.58	24	0	
20	QPSK	1	49	22.50	22.51	22.47			
20	QPSK	1	99	22.62	22.38	22.33			
20	QPSK	50	0	21.42	21.66	21.53			
20	QPSK	50	24	21.52	21.61	21.58	23	1	
20	QPSK	50	50	21.62	21.56	21.55			
20	QPSK	100	0	21.56	21.69	21.45			
20	16QAM	1	0	22.18	21.80	21.76			
20	16QAM	1	49	22.21	22.16	22.07	23	1	
20	16QAM	1	99	21.95	21.84	21.82			
20	16QAM	50	0	20.90	20.83	20.67			
20	16QAM	50	24	20.93	20.75	20.69			
20	16QAM	50	50	20.83	20.77	20.58	22	2	
20	16QAM	100	0	20.86	20.70	20.61			
20	64QAM	1	0	21.05	20.71	20.62			
20	64QAM	1	49	21.10	21.01	20.93			
20	64QAM	1	99	20.86	20.73	20.69	22	2	
20	64QAM	50	0	19.89	19.62	19.66			
20	64QAM	50	24	19.67	19.51	19.58			
20	64QAM	50	50	19.66	19.56	19.48			
20	64QAM	100	0	19.41	19.39	19.38	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.68	22.63	22.50	24	0	
15	QPSK	1	37	22.51	22.47	22.45			
15	QPSK	1	74	22.63	22.29	22.32			
15	QPSK	36	0	21.60	21.37	21.55			
15	QPSK	36	20	21.71	21.51	21.53	23	1	
15	QPSK	36	39	21.63	21.50	21.39			
15	QPSK	75	0	21.48	21.65	21.35			
15	16QAM	1	0	22.12	21.83	21.77			
15	16QAM	1	37	22.03	22.18	22.05	23	1	
15	16QAM	1	74	21.90	21.88	21.73			
15	16QAM	36	0	20.73	20.67	20.70			
15	16QAM	36	20	20.85	20.68	20.69			
15	16QAM	36	39	20.73	20.74	20.42	22	2	
15	16QAM	75	0	20.84	20.50	20.44			
15	64QAM	1	0	20.55	20.65	20.54			
15	64QAM	1	37	20.46	20.58	20.70			
15	64QAM	1	74	20.73	20.53	20.63	22	2	
15	64QAM	36	0	19.74	19.68	19.61			
15	64QAM	36	20	19.49	19.44	19.61			
15	64QAM	36	39	19.58	19.58	19.35			
15	64QAM	75	0	19.33	19.32	19.41	21	3	
Channel				20900	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.64	22.66	22.38	24	0	
10	QPSK	1	25	22.39	22.49	22.36			
10	QPSK	1	49	22.46	22.32	22.29			
10	QPSK	25	0	21.64	21.58	21.51			
10	QPSK	25	12	21.53	21.48	21.52	23	1	
10	QPSK	25	25	21.62	21.54	21.37			
10	QPSK	50	0	21.41	21.45	21.15			
10	16QAM	1	0	22.16	21.80	21.67			
10	16QAM	1	25	22.01	22.12	21.95	23	1	
10	16QAM	1	49	21.80	21.77	21.76			
10	16QAM	25	0	20.76	20.72	20.66			
10	16QAM	25	12	20.79	20.64	20.46			
10	16QAM	25	25	20.65	20.56	20.47	22	2	
10	16QAM	50	0	20.68	20.53	20.44			
10	64QAM	1	0	20.39	20.68	20.57			
10	64QAM	1	25	20.24	20.49	20.67			
10	64QAM	1	49	20.70	20.53	20.48	22	2	
10	64QAM	25	0	19.57	19.65	19.49			
10	64QAM	25	12	19.32	19.26	19.46			
10	64QAM	25	25	19.47	19.55	19.19			
10	64QAM	50	0	19.37	19.10	19.20	21	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.55	22.60	22.43	24	0	
5	QPSK	1	12	22.57	22.66	22.56			
5	QPSK	1	24	22.54	22.37	22.38			
5	QPSK	12	0	21.44	21.57	21.42			
5	QPSK	12	7	21.30	21.52	21.44	23	1	
5	QPSK	12	13	21.54	21.47	21.37			
5	QPSK	25	0	21.45	21.48	21.35			
5	16QAM	1	0	21.55	21.63	21.48			
5	16QAM	1	12	21.53	21.51	21.59	23	1	
5	16QAM	1	24	21.46	21.38	21.56			
5	16QAM	12	0	20.59	20.51	20.40			
5	16QAM	12	7	20.52	20.60	20.46			
5	16QAM	12	13	20.79	20.58	20.56	22	2	
5	16QAM	25	0	20.90	20.57	20.45			
5	64QAM	1	0	20.54	20.64	20.48			
5	64QAM	1	12	20.48	20.46	20.60			
5	64QAM	1	24	20.60	20.66	20.59	22	2	
5	64QAM	12	0	19.82	19.52	19.62			
5	64QAM	12	7	19.76	19.68	19.70			
5	64QAM	12	13	19.64	19.46	19.53			
5	64QAM	25	0	19.40	19.33	19.45	21	3	

Band 12 Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.42	22.58	22.47	24	0	
10	QPSK	1	25	22.35	22.52	22.44			
10	QPSK	1	49	22.44	22.41	22.35			
10	QPSK	25	0	21.44	21.54	21.49			
10	QPSK	25	12	21.50	21.49	21.46	23	1	
10	QPSK	25	25	21.51	21.48	21.42			
10	QPSK	50	0	21.41	21.48	21.46			
10	16QAM	1	0	21.59	21.59	21.65			
10	16QAM	1	25	21.32	21.81	21.71	23	1	
10	16QAM	1	49	21.71	21.69	21.59			
10	16QAM	25	0	20.43	20.44	20.47			
10	16QAM	25	12	20.50	20.50	20.46			
10	16QAM	25	25	20.53	20.46	20.44	22	2	
10	16QAM	50	0	20.49	20.48	20.47			
10	64QAM	1	0	20.47	20.47	20.52			
10	64QAM	1	25	20.54	20.41	20.60			
10	64QAM	1	49	20.63	20.38	20.51	22	2	
10	64QAM	25	0	19.44	19.45	19.46			
10	64QAM	25	12	19.48	19.52	19.47			
10	64QAM	25	25	19.52	19.50	19.44			
10	64QAM	50	0	19.42	19.48	19.31	21	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.53	22.56	22.51	24	0	
5	QPSK	1	12	22.57	22.54	22.44			
5	QPSK	1	24	22.34	22.30	22.20			
5	QPSK	12	0	21.45	21.45	21.40			
5	QPSK	12	7	21.50	21.52	21.45	23	1	
5	QPSK	12	13	21.50	21.44	21.38			
5	QPSK	25	0	21.47	21.43	21.40			
5	16QAM	1	0	21.52	21.51	21.58			
5	16QAM	1	12	21.66	21.60	21.75	23	1	
5	16QAM	1	24	21.61	21.53	21.51			
5	16QAM	12	0	20.44	20.42	20.37			
5	16QAM	12	7	20.47	20.47	20.40			
5	16QAM	12	13	20.48	20.48	20.34	22	2	
5	16QAM	25	0	20.45	20.43	20.44			
5	16QAM	25	1	20.41	20.45	20.40			
5	64QAM	1	12	20.72	20.72	20.74			
5	64QAM	1	24	20.54	20.47	20.41	22	2	
5	64QAM	12	0	19.42	19.40	19.39			
5	64QAM	12	7	19.49	19.39	19.46			
5	64QAM	12	13	19.47	19.47	19.34			
5	64QAM	25	0	19.37	19.44	19.43	21	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.51	22.39	22.33	24	0	
3	QPSK	1	8	22.36	22.39	22.36			
3	QPSK	1	14	22.33	22.37	22.29			
3	QPSK	8	0	21.37	21.43	21.39			
3	QPSK	8	4	21.44	21.45	21.44	23	1	
3	QPSK	8	7	21.42	21.43	21.38			
3	QPSK	15	0	21.21	21.43	21.40			
3	16QAM	1	0	21.59	21.63	21.58			
3	16QAM	1	8	21.64	21.68	21.57	23	1	
3	16QAM	1	14	21.60	21.64	21.57			
3	16QAM	8	0	20.49	20.36	20.49			
3	16QAM	8	4	20.38	20.53	20.50			
3	16QAM	8	7	20.48	20.32	20.21	22	2	
3	16QAM	15	0	20.42	20.45	20.57			
3	64QAM	1	0	20.35	20.54	20.34			
3	64QAM	1	8	20.83	20.76	20.83			
3	64QAM	1	14	20.61	20.33	20.38	22	2	
3	64QAM	8	0	19.31	19.31	19.41			
3	64QAM	8	4	19.38	19.53	19.54			
3	64QAM	8	7	19.57	19.36	19.30			
3	64QAM	15	0	19.48	19.40	19.35	21	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.49	22.48	22.53	24	0	
1.4	QPSK	1	3	22.45	22.51	22.44			
1.4	QPSK	1	5	22.37	22.38	22.32			
1.4	QPSK	3	0	22.41	22.46	22.47			
1.4	QPSK	3	1	22.47	22.53	22.50	23	1	
1.4	QPSK	3	3	22.45	22.48	22.44			
1.4	QPSK	6	0	21.46	21.47	21.49			
1.4	16QAM	1	0	21.63	21.66	21.59			
1.4	16QAM	1	3	21.77	21.81	21.69	23	1	
1.4	16QAM	1	5	21.63	21.84	21.58			
1.4	16QAM	3	0	21.41	21.46	21.43			
1.4	16QAM	3	1	21.49	21.53	21.48			
1.4	16QAM	3	3	21.44	21.50	21.41	22	2	
1.4	16QAM	6	0	20.57	20.58	20.54			
1.4	64QAM	1	0	20.44	20.57	20.37			
1.4	64QAM	1	3	20.54	20.51	20.60			
1.4	64QAM	1	5	20.61	20.33	20.46	22	2	
1.4	64QAM	3	0	20.43	20.23	20.37			
1.4	64QAM	3	1	20.40	20.66	20.43			
1.4	64QAM	3	3	20.66	20.49	20.41			
1.4	64QAM	6	0	19.56	19.51	19.24	21	3	

Band 14 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23305	23330	23355			
Frequency (MHz)				790.5	793	795.5			
10	QPSK	1	0		22.64		24	0	
10	QPSK	1	25		22.53				
10	QPSK	1	49		22.47				
10	QPSK	25	0		21.67		23	1	
10	QPSK	25	12		21.62				
10	QPSK	25	25		21.65				
10	QPSK	50	0		21.66		23	1	
10	16QAM	1	0		21.78				
10	16QAM	1	25		21.90				
10	16QAM	1	49		21.77		22	2	
10	16QAM	25	0		20.81				
10	16QAM	25	12		20.57				
10	16QAM	25	25		20.64		22	2	
10	16QAM	50	0		20.63				
10	64QAM	1	0		20.69				
10	64QAM	1	25		20.79		22	2	
10	64QAM	1	49		20.82				
10	64QAM	25	0		19.63				
10	64QAM	25	12		19.57		21	3	
10	64QAM	25	25		19.64				
10	64QAM	50	0		19.61				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	22.51	22.54	22.49	24	0	
5	QPSK	1	12	22.58	22.59	22.60			
5	QPSK	1	24	22.27	22.26	22.32			
5	QPSK	12	0	21.50	21.50	21.48	23	1	
5	QPSK	12	7	21.58	21.55	21.52			
5	QPSK	12	13	21.51	21.50	21.47			
5	QPSK	25	0	21.51	21.52	21.48	23	1	
5	16QAM	1	0	21.62	21.59	21.57			
5	16QAM	1	12	21.90	21.89	21.88			
5	16QAM	1	24	21.59	21.60	21.60	22	2	
5	16QAM	12	0	20.49	20.46	20.42			
5	16QAM	12	7	20.56	20.49	20.46			
5	16QAM	12	13	20.50	20.47	20.47	22	2	
5	16QAM	25	0	20.49	20.47	20.45			
5	64QAM	1	0	20.51	20.53	20.48			
5	64QAM	1	12	20.80	20.76	20.71	22	2	
5	64QAM	1	24	20.50	20.47	20.46			
5	64QAM	12	0	19.47	19.46	19.37			
5	64QAM	12	7	19.54	19.44	19.45	21	3	
5	64QAM	12	13	19.47	19.38	19.43			
5	64QAM	25	0	19.48	19.51	19.42			

Band 17 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				710	710	711			
10	QPSK	1	0	22.36	22.45	22.29	24	0	
10	QPSK	1	25	22.33	22.39	22.31			
10	QPSK	1	49	22.35	22.28	22.34			
10	QPSK	25	0	21.59	21.64	21.57	23	1	
10	QPSK	25	12	21.61	21.57	21.61			
10	QPSK	25	25	21.59	21.56	21.56			
10	QPSK	50	0	21.55	21.62	21.60	23	1	
10	16QAM	1	0	21.62	21.69	21.69			
10	16QAM	1	25	21.93	21.86	21.81			
10	16QAM	1	49	21.79	21.71	21.71	22	2	
10	16QAM	25	0	20.60	20.57	20.57			
10	16QAM	25	12	20.59	20.55	20.60			
10	16QAM	25	25	20.59	20.53	20.54	22	2	
10	16QAM	50	0	20.62	20.56	20.56			
10	64QAM	1	0	20.61	20.55	20.56			
10	64QAM	1	25	20.82	20.74	20.75	22	2	
10	64QAM	1	49	20.66	20.61	20.64			
10	64QAM	25	0	19.59	19.57	19.57			
10	64QAM	25	12	19.80	19.55	19.58	21	3	
10	64QAM	25	25	19.54	19.53	19.56			
10	64QAM	50	0	19.44	19.52	19.57			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.35	22.34	22.41	24	0	
5	QPSK	1	12	22.41	22.43	22.39			
5	QPSK	1	24	22.37	22.37	22.30			
5	QPSK	12	0	21.49	21.50	21.49	23	1	
5	QPSK	12	7	21.55	21.53	21.52			
5	QPSK	12	13	21.52	21.46	21.46			
5	QPSK	25	0	21.50	21.44	21.48	23	1	
5	16QAM	1	0	21.64	21.60	21.59			
5	16QAM	1	12	21.99	21.86	21.86			
5	16QAM	1	24	21.63	21.64	21.56	22	2	
5	16QAM	12	0	20.44	20.43	20.43			
5	16QAM	12	7	20.54	20.51	20.52			
5	16QAM	12	13	20.50	20.41	20.43	22	2	
5	16QAM	25	0	20.49	20.44	20.47			
5	64QAM	1	0	20.51	20.48	20.47			
5	64QAM	1	12	20.84	20.76	20.65	22	2	
5	64QAM	1	24	20.74	20.52	20.49			
5	64QAM	12	0	19.56	19.42	19.55			
5	64QAM	12	7	19.47	19.48	19.48	21	3	
5	64QAM	12	13	19.58	19.58	19.45			
5	64QAM	25	0	19.32	19.57	19.63			

Band 25 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	22.50	22.66	22.59	24	0	
20	QPSK	1	49	22.55	22.55	22.42			
20	QPSK	1	99	22.29	22.30	22.37			
20	QPSK	50	0	21.45	21.59	21.55	23	1	
20	QPSK	50	24	21.56	21.41	21.57			
20	QPSK	50	50	21.49	21.45	21.38			
20	QPSK	100	0	21.48	21.53	21.52	23	1	
20	16QAM	1	0	21.59	21.49	21.54			
20	16QAM	1	49	21.56	21.73	21.66			
20	16QAM	1	99	21.65	21.61	21.60	22	2	
20	16QAM	50	0	20.54	20.56	20.65			
20	16QAM	50	24	20.55	20.56	20.68			
20	16QAM	50	50	20.49	20.41	20.37	22	2	
20	16QAM	100	0	20.49	20.48	20.50			
20	64QAM	1	0	20.48	20.46	20.61			
20	64QAM	1	49	20.62	20.57	20.73	22	2	
20	64QAM	1	99	20.51	20.68	20.52			
20	64QAM	50	0	19.53	19.48	19.63			
20	64QAM	50	24	19.53	19.46	19.65	21	3	
20	64QAM	50	50	19.46	19.33	19.34			
20	64QAM	100	0	19.49	19.41	19.49			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	22.40	22.51	22.52	24	0	
15	QPSK	1	37	22.61	22.64	22.62			
15	QPSK	1	74	22.36	22.40	22.44			
15	QPSK	36	0	21.55	21.63	21.62	23	1	
15	QPSK	36	20	21.59	21.61	21.63			
15	QPSK	36	39	21.52	21.56	21.54			
15	QPSK	75	0	21.52	21.57	21.61	23	1	
15	16QAM	1	0	21.67	21.77	21.85			
15	16QAM	1	37	21.89	21.89	21.99			
15	16QAM	1	74	21.65	21.69	21.75	22	2	
15	16QAM	36	0	20.51	20.58	20.67			
15	16QAM	36	20	20.54	20.58	20.65			
15	16QAM	36	39	20.48	20.53	20.52	22	2	
15	16QAM	75	0	20.50	20.55	20.60			
15	64QAM	1	0	20.39	20.59	20.47			
15	64QAM	1	37	20.69	20.48	20.63	22	2	
15	64QAM	1	74	20.53	20.76	20.38			
15	64QAM	36	0	19.56	19.38	19.63			
15	64QAM	36	20	19.61	19.41	19.55	21	3	
15	64QAM	36	39	19.56	19.45	19.44			
15	64QAM	75	0	19.52	19.44	19.50			
Channel				26090	26340	26610	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	22.45	22.63	22.60	24	0	
10	QPSK	1	25	22.48	22.44	22.61			
10	QPSK	1	49	22.24	22.38	22.61			
10	QPSK	25	0	21.48	21.57	21.65	23	1	
10	QPSK	25	12	21.50	21.57	21.61			
10	QPSK	25	25	21.49	21.54	21.37			
10	QPSK	50	0	21.51	21.57	21.55	23	1	
10	16QAM	1	0	21.64	21.71	21.72			
10	16QAM	1	25	21.82	21.78	21.87			
10	16QAM	1	49	21.65	21.68	21.78	22	2	
10	16QAM	25	0	20.34	20.47	20.63			
10	16QAM	25	12	20.38	20.40	20.64			
10	16QAM	25	25	20.41	20.52	20.45	22	2	
10	16QAM	50	0	20.37	20.47	20.46			
10	64QAM	1	0	20.38	20.46	20.35			
10	64QAM	1	25	20.72	20.40	20.67	22	2	
10	64QAM	1	49	20.45	20.73	20.35			
10	64QAM	25	0	19.38	19.48	19.69			
10	64QAM	25	12	19.41	19.50	19.67	21	3	
10	64QAM	25	25	19.40	19.44	19.65			
10	64QAM	50	0	19.44	19.47	19.59			
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1916.5			
5	QPSK	1	0	22.50	22.56	22.42	24	0	
5	QPSK	1	12	22.45	22.53	22.63			
5	QPSK	1	24	22.15	22.28	22.37			
5	QPSK	12	0	21.32	21.41	21.63	23	1	
5	QPSK	12	7	21.41	21.48	21.60			
5	QPSK	12	13	21.37	21.43	21.46			
5	QPSK	25	0	21.36	21.43	21.59	23	1	
5	16QAM	1	0	21.47	21.43	21.51			
5	16QAM	1	12	21.73	21.77	21.85			
5	16QAM	1	24	21.48	21.60	21.60	22	2	
5	16QAM	12	0	20.33	20.41	20.60			
5	16QAM	12	7	20.39	20.47	20.58			
5	16QAM	12	13	20.35	20.41	20.42	22	2	
5	16QAM	25	0	20.35	20.44	20.55			
5	64QAM	1	0	20.36	20.30	20.51			
5	64QAM	1	12	20.33	20.37	20.21	22	2	
5	64QAM	1	24	20.40	20.43	20.38			
5	64QAM	12	0	19.17	19.39	19.60			
5	64QAM	12	7	19.30	19.45	19.58	21	3	
5	64QAM	12	13	19.24	19.41	19.43			
5	64QAM	25	0	19.27	19.43	19.38			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	22.41	22.45	22.52	24	0	
3	QPSK	1	8	22.41	22.44	22.64			
3	QPSK	1	14	22.41	22.46	22.83			
3	QPSK	8	0	21.45	21.51	21.51	23	1	
3	QPSK	8	4	21.49	21.53	21.76			
3	QPSK	8	7	21.42	21.51	21.71			
3	QPSK	15	0	21.41	21.51	21.71	23	1	
3	16QAM	1	0	21.58	21.47	21.55			
3	16QAM	1	8	21.64	21.52	21.65			
3	16QAM	1	14	21.63	21.48	21.56	22	2	
3	16QAM	8	0	20.47	20.53	20.76			
3	16QAM	8	4	20.50	20.56	20.78			
3	16QAM	8	7	20.49	20.56	20.75	22	2	
3	16QAM	15	0	20.42	20.50	20.71			
3	64QAM	1	0	20.40	20.47	20.50			
3	64QAM	1	8	20.43	20.45	20.33	22	2	
3	64QAM	1	14	20.64	20.43	20.52			
3	64QAM	8	0	19.38	19.52	19.80			
3	64QAM	8	4	19.47	19.47	19.80	21	3	
3	64QAM	8	7	19.44	19.41	19.42			
3	64QAM	15	0	19.43	19.46	19.52			
Channel				26047	26340	26693	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	22.48	22.58	22.52	24	0	
1.4	QPSK	1	3	22.52	22.56	22.62			
1.4	QPSK	1	5	22.38	22.47	22.50			
1.4	QPSK	3	0	22.58	22.54	22.56	23	1	
1.4	QPSK	3	1	22.43	22.61	22.64			
1.4	QPSK	3	6	21.50	21.60	21.76			
1.4	16QAM	1	0	21.61	21.70	21.72	23	1	
1.4	16QAM	1	5	21.75	21.83	21.91			
1.4	16QAM	1	5	21.86	21.72	21.77			
1.4	16QAM	3	0	21.47	21.54	21.68	22	2	
1.4	16QAM	3	1	21.51	21.59	21.70			
1.4	16QAM	3	3	21.50	21.50	21.66			
1.4	16QAM	6	0	20.57	20.65	20.79	22	2	
1.4	64QAM	1	0	20.65	20.64	20.66			
1.4	64QAM	1	5	20.60	20.70	20.81			
1.4	64QAM	1	5	20.55	20.60	20.87	22	2	
1.4	64QAM	3	0	20.42	20.57	20.50			
1.4	64QAM	3	1	20.48	20.64	20.55			
1.4	64QAM	3	3	20.41	20.57	20.69	21	3	
1.4	64QAM	6	0	19.45	19.55	19.66			

Band 26 Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				26765	26865	26965					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	22.85	22.92	22.82	24	0			
15	QPSK	1	37	22.87	22.90	22.75					
15	QPSK	1	74	22.79	22.79	22.80					
15	QPSK	36	0	21.90	22.02	21.91	23	1			
15	QPSK	36	20	21.99	21.97	22.00					
15	QPSK	36	39	21.95	21.95	21.90					
15	QPSK	75	0	21.91	21.94	21.87	23	1			
15	16QAM	1	0	22.00	22.11	21.99					
15	16QAM	1	37	22.33	22.33	22.35					
15	16QAM	1	74	22.03	22.04	22.10	22	2			
15	16QAM	36	0	20.90	20.95	20.94					
15	16QAM	36	20	21.01	21.01	21.02					
15	16QAM	36	39	20.97	20.98	20.92	22	2			
15	16QAM	75	0	20.93	20.95	20.91					
15	64QAM	1	0	20.83	20.91	20.89					
15	64QAM	1	37	20.74	20.89	20.90	22	2			
15	64QAM	1	74	20.84	20.93	20.78					
15	64QAM	36	0	19.86	19.93	19.88					
15	64QAM	36	20	19.90	19.85	19.98	21	3			
15	64QAM	36	39	19.95	19.91	19.88					
15	64QAM	75	0	19.78	19.88	19.90					
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	22.69	22.75	22.76	24	0			
10	QPSK	1	25	22.89	22.83	22.87					
10	QPSK	1	49	22.80	22.70	22.82					
10	QPSK	25	0	21.76	21.85	21.91	23	1			
10	QPSK	25	12	21.81	21.82	21.81					
10	QPSK	25	25	21.83	21.89	21.77					
10	QPSK	50	0	21.82	21.89	21.86	23	1			
10	16QAM	1	0	21.96	21.98	22.05					
10	16QAM	1	25	22.13	22.06	22.19					
10	16QAM	1	49	22.07	21.94	22.05	22	2			
10	16QAM	25	0	20.76	20.87	20.95					
10	16QAM	25	12	20.86	20.86	20.97					
10	16QAM	25	25	20.87	20.92	20.83	22	2			
10	16QAM	50	0	20.85	20.87	20.89					
10	64QAM	1	0	20.69	20.85	20.70					
10	64QAM	1	25	20.64	20.79	20.79	22	2			
10	64QAM	1	49	20.75	20.85	20.61					
10	64QAM	25	0	19.69	19.93	19.76					
10	64QAM	25	12	19.82	19.86	19.88	21	3			
10	64QAM	25	25	19.82	19.72	19.71					
10	64QAM	50	0	19.57	19.75	19.69					
Channel				26715	26865	27015	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				815.5	831.5	846.5					
5	QPSK	1	0	22.81	22.82	22.85	24	0			
5	QPSK	1	12	22.85	22.88	22.91					
5	QPSK	1	24	22.66	22.61	22.67					
5	QPSK	12	0	21.69	21.73	21.81	23	1			
5	QPSK	12	7	21.79	21.83	21.84					
5	QPSK	12	13	21.78	21.78	21.78					
5	QPSK	25	0	21.76	21.80	21.79	23	1			
5	16QAM	1	0	21.89	21.89	21.95					
5	16QAM	1	12	22.14	22.14	22.16					
5	16QAM	1	24	21.93	21.89	21.91	22	2			
5	16QAM	12	0	20.72	20.74	20.82					
5	16QAM	12	7	20.81	20.84	20.85					
5	16QAM	12	13	20.80	20.78	20.76	22	2			
5	16QAM	25	0	20.79	20.83	20.83					
5	64QAM	1	0	20.81	20.72	20.71					
5	64QAM	1	12	20.73	20.80	20.77	22	2			
5	64QAM	1	24	20.94	20.76	20.64					
5	64QAM	12	0	19.67	19.89	19.73					
5	64QAM	12	7	19.72	19.77	19.93	21	3			
5	64QAM	12	13	19.95	19.91	19.85					
5	64QAM	25	0	19.68	19.73	19.80					
Channel				26705	26865	27025	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	22.83	22.85	22.86	24	0			
3	QPSK	1	8	22.82	22.83	22.86					
3	QPSK	1	14	22.81	22.81	22.86					
3	QPSK	8	0	21.84	21.86	21.90	23	1			
3	QPSK	8	4	21.88	21.89	21.95					
3	QPSK	8	7	21.85	21.85	21.90					
3	QPSK	15	0	21.84	21.88	21.90	23	1			
3	16QAM	1	0	22.13	22.05	22.11					
3	16QAM	1	8	22.04	22.08	22.15					
3	16QAM	1	14	22.10	22.05	22.15	22	2			
3	16QAM	8	0	20.92	20.97	21.01					
3	16QAM	8	4	20.98	20.98	21.04					
3	16QAM	8	7	20.94	20.97	20.99	22	2			
3	16QAM	15	0	20.90	20.91	20.98					
3	64QAM	1	0	20.87	20.84	20.98					
3	64QAM	1	8	20.82	20.84	20.81	22	2			
3	64QAM	1	14	20.84	21.00	20.69					
3	64QAM	8	0	19.79	19.85	19.97					
3	64QAM	8	4	19.92	19.94	19.86	21	3			
3	64QAM	8	7	19.83	19.91	19.86					
3	64QAM	15	0	19.85	19.84	19.82					
Channel				26697	26865	27033	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	22.89	22.87	22.71	24	0			
1.4	QPSK	1	3	22.80	22.79	22.86					
1.4	QPSK	1	5	22.69	22.68	22.74					
1.4	QPSK	3	0	22.78	22.78	22.82	23	1			
1.4	QPSK	3	1	22.86	22.83	22.90					
1.4	QPSK	3	3	22.79	22.78	22.86					
1.4	QPSK	6	0	21.79	21.80	21.86	23	1			
1.4	16QAM	1	0	21.94	21.95	21.97					
1.4	16QAM	1	3	22.05	22.04	22.08					
1.4	16QAM	1	5	21.99	21.94	22.00	23	1			
1.4	16QAM	3	0	21.76	21.76	21.82					
1.4	16QAM	3	1	21.83	21.80	21.90					
1.4	16QAM	3	3	21.76	21.73	21.82	22	2			
1.4	16QAM	6	0	20.89	20.87	20.96					
1.4	64QAM	1	0	20.84	20.83	20.63					
1.4	64QAM	1	3	20.71	20.77	20.69	22	2			
1.4	64QAM	1	5	20.82	20.81	20.88					
1.4	64QAM	3	0	20.80	20.78	20.86					
1.4	64QAM	3	1	20.84	20.84	20.92	21	3			
1.4	64QAM	3	3	20.83	20.79	20.88					
1.4	64QAM	6	0	19.83	19.82	19.77					

Band 30 Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2310					
Frequency (MHz)				2310					
10	QPSK	1	0		22.76		24	0	
10	QPSK	1	25		22.67				
10	QPSK	1	49		22.49				
10	QPSK	25	0		21.69		23	1	
10	QPSK	25	12		21.63				
10	QPSK	25	25		21.62				
10	QPSK	50	0		21.68		23	1	
10	16QAM	1	0		21.96				
10	16QAM	1	25		21.99				
10	16QAM	1	49		21.87		22	2	
10	16QAM	25	0		20.68				
10	16QAM	25	12		20.70				
10	16QAM	25	25		20.64		21	3	
10	16QAM	50	0		20.67				
10	84QAM	1	0		20.86				
10	84QAM	1	25		20.92		22	2	
10	84QAM	1	49		20.68				
10	84QAM	25	0		19.69				
10	84QAM	25	12		19.68		21	3	
10	84QAM	25	25		19.68				
10	84QAM	50	0		19.69				
Channel				27685	27710	27735			
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	22.66	22.74	22.58	24	0	
5	QPSK	1	12	22.67	22.70	22.53			
5	QPSK	1	24	22.37	22.41	22.43			
5	QPSK	12	0	21.56	21.69	21.62	23	1	
5	QPSK	12	7	21.59	21.64	21.54			
5	QPSK	12	13	21.53	21.57	21.61			
5	QPSK	25	0	21.55	21.80	21.50	23	1	
5	16QAM	1	0	21.99	21.72	21.67			
5	16QAM	1	12	21.99	21.97	21.90			
5	16QAM	1	24	21.70	21.65	21.84	22	2	
5	16QAM	12	0	20.57	20.58	20.51			
5	16QAM	12	7	20.61	20.63	20.54			
5	16QAM	12	13	20.51	20.43	20.43	22	2	
5	16QAM	25	0	20.56	20.48	20.51			
5	84QAM	1	0	20.84	20.59	20.54			
5	84QAM	1	12	20.80	20.82	20.83	22	2	
5	84QAM	1	24	20.57	20.53	20.53			
5	84QAM	12	0	19.51	19.46	19.49			
5	84QAM	12	7	19.57	19.50	19.53	21	3	
5	84QAM	12	13	19.52	19.43	19.41			
5	84QAM	25	0	19.53	19.49	19.51			

Band 71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				675	685	688			
20	QPSK	1	0	22.53	22.52	22.59	24	0	
20	QPSK	1	49	22.36	22.55	22.37			
20	QPSK	1	99	22.40	22.52	22.46			
20	QPSK	50	0	21.52	21.63	21.61	23	1	
20	QPSK	50	24	21.33	21.56	21.39			
20	QPSK	50	50	21.39	21.50	21.43			
20	QPSK	100	0	21.50	21.62	21.58	23	1	
20	16QAM	1	0	21.19	21.41	21.32			
20	16QAM	1	49	21.35	21.45	21.37			
20	16QAM	1	99	21.40	21.49	21.55	22	2	
20	16QAM	50	0	20.53	20.79	20.64			
20	16QAM	50	24	20.64	20.71	20.66			
20	16QAM	50	50	20.75	20.86	20.85	22	2	
20	16QAM	100	0	20.45	20.62	20.58			
20	64QAM	1	0	20.62	20.72	20.53			
20	64QAM	1	49	20.40	20.67	20.53	22	2	
20	64QAM	1	99	20.64	20.61	20.65			
20	64QAM	50	0	19.59	19.77	19.64			
20	64QAM	50	24	19.58	19.67	19.62	21	3	
20	64QAM	50	50	19.73	19.84	19.77			
20	64QAM	100	0	19.43	19.63	19.61			
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	22.44	22.60	22.49	24	0	
15	QPSK	1	37	22.25	22.51	22.34			
15	QPSK	1	74	22.39	22.49	22.38			
15	QPSK	36	0	21.37	21.51	21.54	23	1	
15	QPSK	36	20	21.21	21.43	21.36			
15	QPSK	36	39	21.37	21.39	21.41			
15	QPSK	75	0	21.37	21.47	21.58	23	1	
15	16QAM	1	0	21.14	21.29	21.27			
15	16QAM	1	37	21.31	21.44	21.28			
15	16QAM	1	74	21.27	21.46	21.51	22	2	
15	16QAM	36	0	20.40	20.77	20.51			
15	16QAM	36	20	20.57	20.60	20.64			
15	16QAM	36	39	20.74	20.73	20.76	22	2	
15	16QAM	75	0	20.36	20.57	20.45			
15	64QAM	1	0	20.60	20.60	20.44			
15	64QAM	1	37	20.32	20.61	20.45	22	2	
15	64QAM	1	74	20.57	20.60	20.58			
15	64QAM	36	0	19.58	19.73	19.53			
15	64QAM	36	20	19.50	19.57	19.57	21	3	
15	64QAM	36	39	19.64	19.73	19.64			
15	64QAM	75	0	19.30	19.50	19.59			
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	678	693			
10	QPSK	1	0	22.46	22.54	22.58	24	0	
10	QPSK	1	25	22.23	22.49	22.25			
10	QPSK	1	49	22.28	22.43	22.45			
10	QPSK	25	0	21.45	21.53	21.53	23	1	
10	QPSK	25	12	21.25	21.54	21.30			
10	QPSK	25	25	21.26	21.36	21.35			
10	QPSK	50	0	21.36	21.60	21.44	23	1	
10	16QAM	1	0	21.18	21.38	21.20			
10	16QAM	1	25	21.21	21.43	21.29			
10	16QAM	1	49	21.36	21.36	21.47	22	2	
10	16QAM	25	0	20.46	20.65	20.64			
10	16QAM	25	12	20.50	20.59	20.64			
10	16QAM	25	25	20.73	20.84	20.82	22	2	
10	16QAM	50	0	20.31	20.59	20.48			
10	64QAM	1	0	20.57	20.65	20.53			
10	64QAM	1	25	20.32	20.58	20.39	21	3	
10	64QAM	1	49	20.54	20.49	20.51			
10	64QAM	25	0	19.49	19.72	19.60			
10	64QAM	25	12	19.53	19.55	19.57	21	3	
10	64QAM	25	25	19.71	19.72	19.68			
10	64QAM	50	0	19.28	19.58	19.49			
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	675.5	695.5			
5	QPSK	1	0	22.40	22.48	22.53	24	0	
5	QPSK	1	12	22.27	22.46	22.33			
5	QPSK	1	24	22.34	22.46	22.43			
5	QPSK	12	0	21.46	21.62	21.57	23	1	
5	QPSK	12	7	21.29	21.56	21.25			
5	QPSK	12	13	21.29	21.36	21.38			
5	QPSK	25	0	21.35	21.48	21.46	23	1	
5	16QAM	1	0	21.13	21.39	21.24			
5	16QAM	1	12	21.23	21.30	21.33			
5	16QAM	1	24	21.28	21.48	21.43	22	2	
5	16QAM	12	0	20.40	20.67	20.53			
5	16QAM	12	7	20.64	20.58	20.52			
5	16QAM	12	13	20.66	20.82	20.85	22	2	
5	16QAM	25	0	20.40	20.49	20.44			
5	64QAM	1	0	20.59	20.60	20.47			
5	64QAM	1	12	20.28	20.55	20.49	22	2	
5	64QAM	1	24	20.56	20.55	20.57			
5	64QAM	12	0	19.44	19.75	19.55			
5	64QAM	12	7	19.55	19.60	19.62	21	3	
5	64QAM	12	13	19.70	19.73	19.63			
5	64QAM	25	0	19.30	19.55	19.58			

Band 5 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.97	22.13	21.99	23	0	
10	QPSK	1	25	22.10	22.07	22.01			
10	QPSK	1	49	21.95	22.00	22.03			
10	QPSK	25	0	21.09	21.14	21.11			
10	QPSK	25	12	21.08	21.08	21.09	22	1	
10	QPSK	25	25	20.99	21.10	21.02			
10	QPSK	50	0	21.05	21.11	21.06			
10	16QAM	1	0	21.28	21.22	21.24			
10	16QAM	1	25	21.32	21.37	21.43	22	1	
10	16QAM	1	49	21.31	21.27	21.29			
10	16QAM	25	0	20.11	20.04	20.08			
10	16QAM	25	12	20.13	20.11	20.08			
10	16QAM	25	25	20.17	20.12	20.04	21	2	
10	16QAM	50	0	20.13	20.06	20.10			
10	64QAM	1	0	20.17	20.21	20.13			
10	64QAM	1	25	20.25	20.06	20.29			
10	64QAM	1	49	20.11	20.13	20.14	21	2	
10	64QAM	25	0	19.10	19.02	19.18			
10	64QAM	25	12	19.12	19.11	19.12			
10	64QAM	25	25	19.17	19.12	19.04			
10	64QAM	50	0	19.07	19.05	19.11	20	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.88	22.08	21.90	23	0	
5	QPSK	1	12	21.92	21.88	21.94			
5	QPSK	1	24	21.84	21.89	21.92			
5	QPSK	12	0	20.91	20.98	21.05			
5	QPSK	12	7	21.01	21.07	20.98	22	1	
5	QPSK	12	13	21.11	20.98	20.95			
5	QPSK	25	0	21.10	20.84	20.96			
5	16QAM	1	0	21.09	21.09	21.07			
5	16QAM	1	12	21.20	21.25	21.41	22	1	
5	16QAM	1	24	21.21	21.25	21.10			
5	16QAM	12	0	19.98	19.90	19.91			
5	16QAM	12	7	20.07	20.09	19.90			
5	16QAM	12	13	19.96	19.94	19.94	21	2	
5	16QAM	25	0	20.03	20.00	20.12			
5	64QAM	1	0	19.98	20.15	20.15			
5	64QAM	1	12	20.18	20.02	20.27			
5	64QAM	1	24	20.00	19.94	20.06	21	2	
5	64QAM	12	0	18.95	19.02	19.12			
5	64QAM	12	7	19.05	18.92	18.92			
5	64QAM	12	13	19.16	18.94	18.97			
5	64QAM	25	0	19.02	18.89	19.05	20	3	
Channel				20418	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.95	21.93	21.82	23	0	
3	QPSK	1	8	21.92	21.96	22.02			
3	QPSK	1	14	21.80	21.78	21.97			
3	QPSK	8	0	21.02	20.82	20.93			
3	QPSK	8	4	20.87	20.98	21.08	22	1	
3	QPSK	8	7	21.02	20.96	20.94			
3	QPSK	15	0	20.99	20.84	20.89			
3	16QAM	1	0	21.25	21.13	21.10			
3	16QAM	1	8	21.16	21.23	21.43	22	1	
3	16QAM	1	14	21.19	21.16	21.13			
3	16QAM	8	0	20.01	19.88	20.06			
3	16QAM	8	4	19.91	19.96	19.94			
3	16QAM	8	7	20.00	19.91	19.96	21	2	
3	16QAM	15	0	19.99	20.06	19.90			
3	64QAM	1	0	20.17	20.11	20.06			
3	64QAM	1	8	20.16	19.87	20.02			
3	64QAM	1	14	20.06	20.03	20.05	21	2	
3	64QAM	8	0	19.95	19.99	19.15			
3	64QAM	8	4	19.91	19.92	19.97			
3	64QAM	8	7	19.03	18.95	18.84			
3	64QAM	15	0	18.89	19.04	18.97	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.76	21.99	21.94	23	0	
1.4	QPSK	1	3	21.89	22.04	21.90			
1.4	QPSK	1	5	21.76	22.01	21.92			
1.4	QPSK	3	0	21.86	22.12	21.99			
1.4	QPSK	3	1	21.93	22.06	21.85	22	1	
1.4	QPSK	3	3	21.93	21.79	22.02			
1.4	QPSK	6	0	20.89	20.99	21.01			
1.4	16QAM	1	0	21.06	21.09	20.94			
1.4	16QAM	1	3	21.03	21.03	20.82	22	1	
1.4	16QAM	1	5	20.98	21.05	20.89			
1.4	16QAM	3	0	21.07	21.03	21.24			
1.4	16QAM	3	1	21.24	21.18	21.42			
1.4	16QAM	3	3	21.23	21.09	21.30	21	2	
1.4	16QAM	6	0	20.09	19.85	19.99			
1.4	64QAM	1	0	19.99	19.90	20.09			
1.4	64QAM	1	3	20.15	20.09	20.03			
1.4	64QAM	1	5	19.91	19.92	20.01	21	2	
1.4	64QAM	3	0	20.02	20.03	20.13			
1.4	64QAM	3	1	20.26	19.89	20.08			
1.4	64QAM	3	3	20.10	20.02	20.04			
1.4	64QAM	6	0	19.07	19.00	19.01	20	3	

Band 12 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	21.87	21.93	21.89	23	0	
10	QPSK	1	25	21.74	21.76	21.77			
10	QPSK	1	49	21.85	21.85	21.76			
10	QPSK	25	0	20.83	20.93	20.89			
10	QPSK	25	12	20.89	20.86	20.86	22	1	
10	QPSK	25	25	20.89	20.88	20.87			
10	QPSK	50	0	20.87	20.91	20.83			
10	16QAM	1	0	20.81	20.98	20.86			
10	16QAM	1	25	20.86	20.89	20.91	22	1	
10	16QAM	1	49	20.78	21.01	20.89			
10	16QAM	25	0	19.82	19.89	19.93			
10	16QAM	25	12	19.97	19.94	19.85			
10	16QAM	25	25	19.91	19.89	19.86	21	2	
10	16QAM	50	0	19.89	19.90	19.91			
10	64QAM	1	0	19.77	19.96	19.95			
10	64QAM	1	25	19.94	19.92	19.87			
10	64QAM	1	49	19.96	19.87	19.82	21	2	
10	64QAM	25	0	18.86	18.88	18.90			
10	64QAM	25	12	18.89	18.93	18.87			
10	64QAM	25	25	18.92	18.88	18.86			
10	64QAM	50	0	18.93	18.88	18.89	20	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.77	21.89	21.82	23	0	
5	QPSK	1	12	21.58	21.68	21.77			
5	QPSK	1	24	21.86	21.64	21.73			
5	QPSK	12	0	20.68	20.73	20.90			
5	QPSK	12	7	20.68	20.76	20.71	22	1	
5	QPSK	12	13	20.70	20.68	20.69			
5	QPSK	25	0	20.86	20.72	20.82			
5	16QAM	1	0	20.82	20.91	20.96			
5	16QAM	1	12	20.67	20.88	20.73	22	1	
5	16QAM	1	24	20.59	20.84	20.84			
5	16QAM	12	0	19.68	19.69	19.78	21	2	
5	16QAM	12	7	19.88	19.75	19.65			
5	16QAM	12	13	19.91	19.87	19.71			
5	16QAM	25	0	19.81	19.79	19.88			
5	64QAM	1	0	19.77	19.84	19.82	21	2	
5	64QAM	1	12	19.91	19.71	19.77			
5	64QAM	1	24	19.95	19.71	19.74			
5	64QAM	12	0	18.82	18.89	18.79			
5	64QAM	12	7	18.74	18.75	18.69	20	3	
5	64QAM	12	13	18.76	18.69	18.77			
5	64QAM	25	0	18.77	18.84	18.75			
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.79	21.92	21.72	23	0	
3	QPSK	1	8	21.71	21.54	21.68			
3	QPSK	1	14	21.77	21.74	21.69			
3	QPSK	8	0	20.77	20.71	20.76			
3	QPSK	8	4	20.72	20.93	20.75	22	1	
3	QPSK	8	7	20.79	20.68	20.89			
3	QPSK	15	0	20.70	20.70	20.80			
3	16QAM	1	0	20.75	20.94	20.79			
3	16QAM	1	8	20.66	20.82	20.85	22	1	
3	16QAM	1	14	20.71	21.00	20.89			
3	16QAM	8	0	19.74	19.83	19.91			
3	16QAM	8	4	19.80	19.75	19.77			
3	16QAM	8	7	19.72	19.70	19.78	21	2	
3	16QAM	15	0	19.90	19.87	19.89			
3	64QAM	1	0	19.70	19.76	19.95			
3	64QAM	1	8	19.87	19.69	19.86			
3	64QAM	1	14	19.82	19.66	19.83	21	2	
3	64QAM	8	0	18.87	18.75	18.79			
3	64QAM	8	4	18.74	18.80	18.74			
3	64QAM	8	7	18.93	18.77	18.83			
3	64QAM	15	0	18.83	18.73	18.76	20	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	21.76	21.80	21.88	23	0	
1.4	QPSK	1	3	21.62	21.64	21.75			
1.4	QPSK	1	5	21.83	21.85	21.62			
1.4	QPSK	3	0	21.73	21.87	21.74			
1.4	QPSK	3	1	21.53	21.54	21.59	22	1	
1.4	QPSK	3	3	21.76	21.74	21.66			
1.4	QPSK	6	0	20.80	20.69	20.88			
1.4	16QAM	1	0	20.75	20.74	20.78			
1.4	16QAM	1	3	20.72	20.77	20.84	22	1	
1.4	16QAM	1	5	20.65	20.97	20.83			
1.4	16QAM	3	1	20.85	20.75	20.79			
1.4	16QAM	3	3	20.82	20.87	20.71			
1.4	16QAM	6	0	19.87	19.84	19.94	21	2	
1.4	64QAM	1	0	19.78	19.83	19.85			
1.4	64QAM	1	3	19.76	19.88	19.71			
1.4	64QAM	1	5	19.77	19.79	19.72			
1.4	64QAM	3	0	19.69	19.83	19.78	21	2	
1.4	64QAM	3	1	19.87	19.78	19.75			
1.4	64QAM	3	3	19.78	19.83	19.61			
1.4	64QAM	6	0	18.65	18.89	18.82			

Band 14 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23330			793		
Frequency (MHz)									
10	QPSK	1	0		22.05		23	0	
10	QPSK	1	25		21.97				
10	QPSK	1	49		21.88				
10	QPSK	25	0		21.08		22	1	
10	QPSK	25	12		21.02				
10	QPSK	25	25		21.05				
10	QPSK	50	0		21.03		22	1	
10	16QAM	1	0		21.21				
10	16QAM	1	25		21.42				
10	16QAM	1	49		21.15		21	2	
10	16QAM	25	0		20.00				
10	16QAM	25	12		20.01				
10	16QAM	25	25		20.06		21	2	
10	16QAM	50	0		20.04				
10	64QAM	1	0		19.92				
10	64QAM	1	25		19.89		21	2	
10	64QAM	1	49		19.93				
10	64QAM	25	0		18.96				
10	64QAM	25	12		18.83		20	3	
10	64QAM	25	25		18.89				
10	64QAM	50	0		18.76				
Channel				23305	23330	23355	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	22.00	21.96	22.00	23	0	
5	QPSK	1	12	21.89	21.96	21.98			
5	QPSK	1	24	21.82	21.78	21.84			
5	QPSK	12	0	21.03	20.97	20.99	22	1	
5	QPSK	12	7	20.89	20.95	20.93			
5	QPSK	12	13	21.08	20.88	21.00			
5	QPSK	25	0	21.04	20.82	20.83	22	1	
5	16QAM	1	0	21.22	21.22	21.23			
5	16QAM	1	12	21.25	21.31	21.42			
5	16QAM	1	24	21.17	21.12	21.06	21	2	
5	16QAM	12	0	19.81	19.80	19.87			
5	16QAM	12	7	19.95	19.93	19.83			
5	16QAM	12	13	19.97	19.90	20.01	21	2	
5	16QAM	25	0	19.98	19.82	19.92			
5	64QAM	1	0	19.91	19.92	19.92			
5	64QAM	1	12	19.75	19.82	19.80	21	2	
5	64QAM	1	24	19.90	19.72	19.90			
5	64QAM	12	0	18.95	18.92	18.81			
5	64QAM	12	7	18.64	18.84	18.79	20	3	
5	64QAM	12	13	18.82	18.90	18.81			
5	64QAM	25	0	18.69	18.77	18.68			

Band 17 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	709	710	711
Frequency (MHz)									
10	QPSK	1	0	22.07	22.08	21.99	23	0	
10	QPSK	1	25	21.87	21.90	21.85			
10	QPSK	1	49	21.89	21.88	21.87			
10	QPSK	25	0	21.01	21.04	21.01	22	1	
10	QPSK	25	12	21.00	21.00	21.03			
10	QPSK	25	25	20.97	20.98	20.99			
10	QPSK	50	0	21.01	21.03	20.99	22	1	
10	16QAM	1	0	21.15	21.15	21.15			
10	16QAM	1	25	21.35	21.31	21.29			
10	16QAM	1	49	21.20	21.10	21.11	21	2	
10	16QAM	25	0	20.05	20.06	19.94			
10	16QAM	25	12	19.94	20.09	19.92			
10	16QAM	25	25	19.93	19.87	19.91	21	2	
10	16QAM	50	0	19.98	19.99	20.01			
10	64QAM	1	0	20.08	20.02	19.91			
10	64QAM	1	25	20.07	19.95	19.95	21	2	
10	64QAM	1	49	20.04	20.04	19.95			
10	64QAM	25	0	18.99	19.08	19.06			
10	64QAM	25	12	19.10	19.08	19.09	20	3	
10	64QAM	25	25	19.07	18.91	18.93			
10	64QAM	50	0	19.10	19.03	19.03			
Channel				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	0	21.90	22.05	21.95	23	0	
5	QPSK	1	12	21.88	21.76	21.79			
5	QPSK	1	24	21.78	21.78	21.82			
5	QPSK	12	0	20.90	21.00	21.01	22	1	
5	QPSK	12	7	20.86	20.96	20.86			
5	QPSK	12	13	20.93	20.93	20.80			
5	QPSK	25	0	20.90	20.94	20.84	22	1	
5	16QAM	1	0	21.01	20.97	20.98			
5	16QAM	1	12	21.19	21.19	21.26			
5	16QAM	1	24	21.21	20.90	21.12	21	2	
5	16QAM	12	0	20.04	19.89	19.92			
5	16QAM	12	7	19.89	20.11	19.76			
5	16QAM	12	13	19.76	19.82	19.82	21	2	
5	16QAM	25	0	20.00	19.82	19.94			
5	64QAM	1	0	20.08	19.98	19.87			
5	64QAM	1	12	20.06	19.77	19.75	21	2	
5	64QAM	1	24	19.90	20.04	19.90			
5	64QAM	12	0	18.78	19.05	18.91			
5	64QAM	12	7	19.01	18.95	18.91	20	3	
5	64QAM	12	13	19.08	18.87	18.81			
5	64QAM	25	0	19.04	18.84	18.90			

Band 26 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.13	22.19	22.12	23	0	
15	QPSK	1	37	21.89	22.00	21.90			
15	QPSK	1	74	21.96	21.93	21.97			
15	QPSK	36	0	21.05	21.15	21.10	22	1	
15	QPSK	36	20	21.08	21.14	21.08			
15	QPSK	36	39	21.09	21.11	21.05			
15	QPSK	75	0	21.07	21.08	21.04	22	1	
15	16QAM	1	0	21.16	21.29	21.15			
15	16QAM	1	37	21.32	21.31	21.22			
15	16QAM	1	74	21.20	21.26	21.24	21	2	
15	16QAM	36	0	20.04	20.08	20.10			
15	16QAM	36	20	20.15	20.15	20.16			
15	16QAM	36	39	20.11	20.11	20.06	21	2	
15	16QAM	75	0	19.91	20.03	20.06			
15	64QAM	1	0	20.00	20.01	20.02			
15	64QAM	1	37	20.08	19.97	20.11	21	2	
15	64QAM	1	74	20.07	19.92	19.87			
15	64QAM	36	0	18.95	18.97	19.19			
15	64QAM	36	20	19.06	19.17	19.04	20	3	
15	64QAM	36	39	19.12	19.08	19.07			
15	64QAM	75	0	18.98	19.05	19.01			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.94	22.12	22.12	23	0	
10	QPSK	1	25	21.83	21.86	21.78			
10	QPSK	1	49	21.92	21.84	21.87			
10	QPSK	25	0	20.92	20.91	21.06	22	1	
10	QPSK	25	12	21.10	21.12	21.11			
10	QPSK	25	25	20.90	20.93	20.88			
10	QPSK	50	0	20.96	20.96	20	22	1	
10	16QAM	1	0	21.04	21.12	21.07			
10	16QAM	1	25	21.13	21.17	21.16			
10	16QAM	1	49	20.96	21.04	21.16	21	2	
10	16QAM	25	0	19.93	20.07	20.10			
10	16QAM	25	12	20.11	20.02	19.96			
10	16QAM	25	25	20.10	20.11	20.05	21	2	
10	16QAM	50	0	19.72	19.92	19.94			
10	64QAM	1	0	19.80	19.89	19.86			
10	64QAM	1	25	19.99	19.91	19.98	20	3	
10	64QAM	1	49	19.94	19.76	19.86			
10	64QAM	25	0	18.76	18.79	18.97			
10	64QAM	25	12	18.94	19.09	18.92	20	3	
10	64QAM	25	25	18.92	18.94	18.90			
10	64QAM	50	0	18.96	18.94	18.87			
Channel				26755	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.93	22.12	22.12	23	0	
5	QPSK	1	12	21.74	21.99	21.82			
5	QPSK	1	24	21.86	21.86	21.90			
5	QPSK	12	0	20.85	21.02	21.08	22	1	
5	QPSK	12	7	21.06	20.95	21.02			
5	QPSK	12	13	21.00	20.94	21.06			
5	QPSK	25	0	21.04	20.93	20.92	22	1	
5	16QAM	1	0	20.98	21.27	21.00			
5	16QAM	1	12	21.18	21.16	21.07			
5	16QAM	1	24	21.09	21.25	21.17	21	2	
5	16QAM	12	0	19.97	19.87	19.88			
5	16QAM	12	7	20.17	20.06	20.16			
5	16QAM	12	13	20.09	19.98	19.95	21	2	
5	16QAM	25	0	19.85	19.90	19.87			
5	64QAM	1	0	19.94	19.89	19.84			
5	64QAM	1	12	19.94	19.98	20.05	20	3	
5	64QAM	1	24	19.86	19.83	19.75			
5	64QAM	12	0	18.83	18.87	19.20			
5	64QAM	12	5	18.87	19.01	19.06	20	3	
5	64QAM	12	13	18.91	19.01	18.97			
5	64QAM	25	0	18.93	18.90	18.85			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	847.5			
3	QPSK	1	0	22.08	22.06	22.11	23	0	
3	QPSK	1	8	21.87	21.83	21.89			
3	QPSK	1	14	21.82	21.79	21.82			
3	QPSK	8	0	20.85	21.06	21.00	22	1	
3	QPSK	8	4	21.11	21.02	20.98			
3	QPSK	8	7	21.00	21.09	20.98			
3	QPSK	15	0	20.85	20.91	20.83	22	1	
3	16QAM	1	0	21.15	21.14	21.05			
3	16QAM	1	8	21.32	21.21	21.17			
3	16QAM	1	14	21.21	21.11	21.13	21	2	
3	16QAM	8	0	20.02	19.92	20.02			
3	16QAM	8	4	20.02	19.94	20.16			
3	16QAM	8	7	19.96	19.96	19.89	21	2	
3	16QAM	15	0	19.88	19.95	20.01			
3	16QAM	1	0	19.79	20.02	20.01			
3	64QAM	1	5	19.98	19.81	19.82	20	3	
3	64QAM	1	14	20.06	19.77	19.81			
3	64QAM	8	0	18.90	18.77	18.98			
3	64QAM	8	4	18.90	19.07	18.83	20	3	
3	64QAM	8	7	18.91	18.91	18.90			
3	64QAM	15	0	18.80	19.00	18.94			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.06	22.04	22.05	23	0	
1.4	QPSK	1	3	21.83	21.91	21.78			
1.4	QPSK	1	5	21.88	21.86	21.99			
1.4	QPSK	3	0	22.03	22.12	21.95	22	1	
1.4	QPSK	3	1	21.84	21.81	21.90			
1.4	QPSK	3	3	21.97	21.83	21.93			
1.4	QPSK	6	0	20.91	21.02	20.98	22	1	
1.4	16QAM	1	0	21.09	21.08	21.06			
1.4	16QAM	1	3	21.11	20.96	21.01			
1.4	16QAM	1	5	20.87	20.90	20.88	22	1	
1.4	16QAM	3	0	21.06	21.15	21.14			
1.4	16QAM	3	1	21.28	21.11	21.00			
1.4	16QAM	3	1	21.11	21.10	21.14	21	2	
1.4	16QAM	6	0	19.89	19.94	20.08			
1.4	64QAM	1	0	20.12	20.06	19.98			
1.4	64QAM	1	3	20.12	19.92	19.88	21	2	
1.4	64QAM	1	5	19.85	19.98	19.89			
1.4	64QAM	3	0	19.91	19.80	19.85			
1.4	64QAM	3	1	19.99	19.84	20.00	20	3	
1.4	64QAM	3	3	19.89	19.81	19.82			
1.4	64QAM	6	0	18.87	18.98	19.17			

Band 71 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688			
20	QPSK	1	0	21.93	22.04	21.85	23	0	
20	QPSK	1	49	21.77	21.95	21.77			
20	QPSK	1	99	21.63	21.78	21.61			
20	QPSK	50	0	20.72	21.03	20.70	22	1	
20	QPSK	50	24	20.82	21.02	20.76			
20	QPSK	50	50	20.86	20.96	20.67			
20	QPSK	100	0	20.81	20.96	20.66	22	1	
20	16QAM	1	0	20.43	20.92	20.45			
20	16QAM	1	49	20.55	20.90	20.48			
20	16QAM	1	99	20.56	20.68	20.53	21	2	
20	16QAM	50	0	19.84	20.04	19.86			
20	16QAM	50	24	19.90	20.03	19.83			
20	16QAM	50	50	19.66	19.98	19.86	21	2	
20	16QAM	100	0	19.81	19.95	19.77			
20	64QAM	1	0	19.77	20.03	19.80			
20	64QAM	1	49	19.94	19.99	19.96	20	3	
20	64QAM	1	99	19.88	20.02	19.86			
20	64QAM	50	0	18.87	19.05	18.87			
20	64QAM	50	24	18.99	19.07	18.86	20	3	
20	64QAM	50	50	18.84	18.95	18.77			
20	64QAM	100	0	18.86	19.00	18.82			
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	21.64	21.95	21.75	23	0	
15	QPSK	1	37	21.49	21.85	21.62			
15	QPSK	1	74	21.45	21.65	21.47			
15	QPSK	36	0	20.58	20.79	20.48	22	1	
15	QPSK	36	20	20.73	20.79	20.67			
15	QPSK	36	39	20.71	20.70	20.56			
15	QPSK	75	0	20.60	20.65	20.40	22	1	
15	16QAM	1	0	20.78	20.97	20.81			
15	16QAM	1	37	20.62	20.87	20.71			
15	16QAM	1	74	20.66	20.79	20.53	21	2	
15	16QAM	36	0	19.73	19.95	19.55			
15	16QAM	36	20	19.78	19.84	19.53			
15	16QAM	36	39	19.51	19.69	19.64	21	2	
15	16QAM	75	0	19.61	19.69	19.69			
15	64QAM	1	0	19.68	19.95	19.71			
15	64QAM	1	37	19.80	19.70	19.74	20	3	
15	64QAM	1	74	19.61	19.89	19.78			
15	64QAM	36	0	18.60	18.83	18.57			
15	64QAM	36	20	18.85	18.83	18.73	20	3	
15	64QAM	36	39	18.70	18.84	18.61			
15	64QAM	75	0	18.76	18.81	18.51			
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	678	693			
10	QPSK	1	0	21.71	21.80	21.57	23	0	
10	QPSK	1	25	21.71	21.77	21.68			
10	QPSK	1	49	21.39	21.69	21.41			
10	QPSK	25	0	20.47	20.86	20.41	22	1	
10	QPSK	25	12	20.67	20.85	20.50			
10	QPSK	25	25	20.61	20.84	20.49			
10	QPSK	50	0	20.68	20.84	20.47	22	1	
10	16QAM	1	0	20.51	20.82	20.80			
10	16QAM	1	25	20.75	20.81	20.68			
10	16QAM	1	49	20.44	20.50	20.49	21	2	
10	16QAM	25	0	19.67	19.95	19.62			
10	16QAM	25	12	19.69	19.95	19.71			
10	16QAM	25	25	19.45	19.86	19.75	20	3	
10	16QAM	50	0	19.68	19.82	19.50			
10	64QAM	1	0	19.65	19.83	19.59			
10	64QAM	1	25	19.74	19.77	19.78	21	2	
10	64QAM	1	49	19.67	19.82	19.64			
10	64QAM	25	0	18.67	18.93	18.58			
10	64QAM	25	12	18.75	18.84	18.78	20	3	
10	64QAM	25	25	18.65	18.67	18.56			
10	64QAM	50	0	18.73	18.83	18.50			
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	675.5	695.5			
5	QPSK	1	0	21.75	21.92	21.77	23	0	
5	QPSK	1	12	21.58	21.69	21.68			
5	QPSK	1	24	21.52	21.69	21.49			
5	QPSK	12	0	20.62	20.89	20.59	22	1	
5	QPSK	12	7	20.67	20.88	20.60			
5	QPSK	12	13	20.64	20.81	20.48			
5	QPSK	25	0	20.56	20.81	20.49	22	1	
5	16QAM	1	0	20.82	20.83	20.74			
5	16QAM	1	12	20.35	20.65	20.57			
5	16QAM	1	24	20.40	20.38	20.40	21	2	
5	16QAM	12	0	19.74	19.81	19.75			
5	16QAM	12	7	19.71	19.76	19.54			
5	16QAM	12	13	19.54	19.80	19.68	21	2	
5	16QAM	25	0	19.64	19.71	19.46			
5	64QAM	1	0	19.56	19.86	19.61			
5	64QAM	1	12	19.72	19.86	19.69	20	3	
5	64QAM	1	24	19.72	19.80	19.65			
5	64QAM	12	0	18.78	18.91	18.68			
5	64QAM	12	7	18.78	18.88	18.74	20	3	
5	64QAM	12	13	18.67	18.72	18.58			
5	64QAM	25	0	18.62	18.72	18.58			

Band 38 Ant 2													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac]	Power Middle Ch. [Frac]	Power High Ch. [Frac]	Tune-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	22.64	22.75	22.60	24	0					
20	QPSK	1	49	22.64	22.75	22.60							
20	QPSK	1	99	22.51	22.52	22.42							
20	QPSK	50	0	21.58	21.68	21.60							
20	QPSK	50	24	21.61	21.63	21.63	23	1					
20	QPSK	50	50	21.64	21.62	21.57							
20	QPSK	100	0	21.67	21.70	21.64							
20	16QAM	1	0	21.58	21.60	21.61							
20	16QAM	1	49	21.63	21.62	21.67	23	1					
20	16QAM	1	99	21.66	21.67	21.70							
20	16QAM	50	0	20.63	20.70	20.68							
20	16QAM	50	24	20.66	20.67	20.67							
20	16QAM	50	50	20.69	20.67	20.76	22	2					
20	16QAM	100	0	20.69	20.77	20.73							
20	64QAM	1	0	20.77	20.70	20.75							
20	64QAM	1	49	20.68	20.73	20.58							
20	64QAM	1	99	20.52	20.63	20.68	21	3					
20	64QAM	50	0	19.76	19.80	19.71							
20	64QAM	50	24	19.80	19.79	19.75							
20	64QAM	50	50	19.85	19.82	19.77							
20	64QAM	100	0	19.77	19.88	19.83							
Channel													
Frequency (MHz)													
15	QPSK	1	0	22.70	22.72	22.46	24	0					
15	QPSK	1	37	22.74	22.81	22.49							
15	QPSK	1	74	22.43	22.45	22.45							
15	QPSK	36	0	21.54	21.62	21.59							
15	QPSK	36	20	21.61	21.61	21.67	23	1					
15	QPSK	36	39	21.69	21.45	21.41							
15	QPSK	75	0	21.66	21.61	21.74							
15	16QAM	1	0	21.53	21.47	21.64							
15	16QAM	1	37	21.62	21.68	21.63	23	1					
15	16QAM	1	74	21.47	21.60	21.76							
15	16QAM	36	0	20.67	20.56	20.75							
15	16QAM	36	20	20.59	20.68	20.61							
15	16QAM	36	39	20.89	20.77	20.72	22	2					
15	16QAM	75	0	20.77	20.78	20.79							
15	64QAM	1	0	20.78	20.66	20.81							
15	64QAM	1	37	20.64	20.68	20.53							
15	64QAM	1	74	20.48	20.56	20.78	21	3					
15	64QAM	36	0	19.72	19.87	19.63							
15	64QAM	36	20	19.64	19.70	19.66							
15	64QAM	36	39	19.87	19.71	19.50							
15	64QAM	75	0	19.67	19.86	19.50							
Channel													
Frequency (MHz)													
10	QPSK	1	0	22.61	22.67	22.43	24	0					
10	QPSK	1	25	22.74	22.71	22.44							
10	QPSK	1	49	22.59	22.52	22.39							
10	QPSK	25	0	21.53	21.48	21.66							
10	QPSK	25	12	21.59	21.76	21.53	23	1					
10	QPSK	25	25	21.67	21.50	21.63							
10	QPSK	50	0	21.74	21.66	21.60							
10	16QAM	1	0	21.52	21.55	21.68							
10	16QAM	1	25	21.44	21.38	21.57	23	1					
10	16QAM	1	49	21.44	21.60	21.72							
10	16QAM	25	0	20.66	20.77	20.56							
10	16QAM	25	12	20.54	20.77	20.66							
10	16QAM	25	25	20.54	20.64	20.67	22	2					
10	16QAM	50	0	20.77	20.83	20.67							
10	64QAM	1	0	20.78	20.63	20.71							
10	64QAM	1	25	20.78	20.64	20.51							
10	64QAM	1	49	20.39	20.47	20.57	21	3					
10	64QAM	25	0	19.78	19.85	19.67							
10	64QAM	25	12	19.71	19.76	19.66							
10	64QAM	25	25	19.71	19.71	19.67							
10	64QAM	50	0	19.81	19.88	19.72							
Channel													
Frequency (MHz)													
5	QPSK	1	0	22.67	22.73	22.50	24	0					
5	QPSK	1	12	22.63	22.56	22.41							
5	QPSK	1	24	22.41	22.44	22.40							
5	QPSK	12	0	21.68	21.59	21.61							
5	QPSK	12	7	21.61	21.65	21.64	23	1					
5	QPSK	12	13	21.63	21.70	21.56							
5	QPSK	25	0	21.76	21.55	21.69							
5	16QAM	1	0	21.54	21.50	21.45							
5	16QAM	1	12	21.51	21.36	21.56	23	1					
5	16QAM	1	24	21.59	21.55	21.55							
5	16QAM	12	0	20.50	20.51	20.51							
5	16QAM	12	7	20.63	20.63	20.56							
5	16QAM	12	13	20.58	20.65	20.67	22	2					
5	16QAM	25	0	20.55	20.64	20.86							
5	64QAM	1	0	20.77	20.72	20.62							
5	64QAM	1	12	20.68	20.63	20.54							
5	64QAM	1	24	20.44	20.56	20.76	21	3					
5	64QAM	12	0	19.80	19.79	19.59							
5	64QAM	12	7	19.75	19.70	19.61							
5	64QAM	12	13	19.71	19.84	19.81							
5	64QAM	25	0	19.66	19.95	19.83							

Band 41 Ant 2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. (Frac)	Power Low Middle Co. (Frac)	Power Middle Co. (Frac)	Power High Middle Co. (Frac)	Power High Co. (Frac)	Tune-up limit (dBm)	MPR (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	22.09	22.21	22.27	22.07	22.01	23.5	0			
20	QPSK	1	49	22.11	22.18	22.02	21.91	21.84					
20	QPSK	1	99	22.00	22.14	22.04	21.91	21.94					
20	QPSK	50	0	20.92	21.20	21.31	20.94	20.97					
20	QPSK	50	24	21.21	21.30	21.23	21.25	21.16	22.5	1			
20	QPSK	50	50	21.15	21.19	21.09	21.01	21.06					
20	QPSK	100	0	21.09	21.05	21.29	20.82	21.06					
20	16QAM	1	0	20.79	21.06	21.27	20.88	20.92					
20	16QAM	1	49	21.27	21.28	21.22	21.09	21.00	22.5	1			
20	16QAM	1	99	21.11	21.16	21.09	21.02	20.9					
20	16QAM	50	0	20.01	20.15	20.38	20.01	20.04					
20	16QAM	50	24	20.20	20.21	20.19	20.12	20.17					
20	16QAM	50	50	20.17	20.18	20.08	20.05	19.99	21.5	2			
20	16QAM	100	0	20.10	20.16	20.18	19.79	20.16					
20	16QAM	1	99	19.99	20.01	20.09	19.96	19.97					
20	64QAM	1	49	19.84	19.81	20.00	19.99	19.93					
20	64QAM	1	99	20.03	19.91	19.80	19.95	19.73	21.5	2			
20	64QAM	50	0	19.82	19.20	19.84	19.86	19.86					
20	64QAM	50	24	19.27	19.28	19.11	19.20	19.17					
20	64QAM	50	50	19.12	19.30	19.13	18.97	18.98					
20	64QAM	100	0	19.02	18.99	19.22	18.88	19.12	23.5	0			
20	QPSK	1	0	21.01	21.13	21.19	21.00	21.01					
20	QPSK	1	37	22.06	22.22	22.16	22.02	21.82					
20	QPSK	1	74	22.03	22.03	22.26	21.86	22.01					
20	QPSK	36	0	20.82	20.90	21.21	20.73	20.75	22.5	1			
20	QPSK	36	20	21.00	21.00	20.86	21.04	20.91					
20	QPSK	36	39	20.98	20.91	20.85	20.83	20.72					
20	QPSK	75	0	21.00	20.89	20.98	20.70	20.92					
20	QPSK	1	20	21.03	21.07	20.97	20.90	20.78	22.5	1			
20	16QAM	1	37	21.03	20.98	20.98	20.86	20.79					
20	16QAM	1	74	20.87	20.89	20.94	20.84	20.75					
20	16QAM	36	0	19.73	20.06	20.18	19.84	19.76					
20	16QAM	36	20	19.80	19.83	19.90	19.12	19.88	21.5	2			
20	16QAM	36	39	19.88	19.99	19.91	19.78	19.87					
20	16QAM	75	0	20.00	19.90	19.99	19.87	19.82					
20	16QAM	1	19	19.87	19.88	19.93	19.83	19.83					
20	16QAM	1	37	19.86	19.89	19.90	19.80	19.79	21.5	2			
20	16QAM	1	74	19.77	19.60	19.55	19.81	19.54					
20	16QAM	36	36	19.76	19.11	19.59	18.81	18.81					
20	16QAM	36	50	19.13	19.02	18.99	19.02	18.97					
20	16QAM	35	20	18.90	19.11	18.84	18.80	18.86	20.5	3			
20	16QAM	35	36	18.78	18.73	18.69	18.63	18.62					
Channel													
Frequency (MHz)													
20	QPSK	1	0	21.01	21.17	22.03	21.09	21.05	23.5	0			
20	QPSK	1	25	22.09	22.26	22.23	21.98	21.89					
20	QPSK	1	49	21.90	22.02	22.10	21.98	21.89					
20	QPSK	25	0	20.71	21.07	21.21	20.84	20.83					
20	QPSK	25	12	21.06	21.06	21.05	21.04	20.95	22.5	1			
20	QPSK	25	25	21.00	20.95	20.98	20.79	20.79					
20	QPSK	50	0	20.00	20.76	21.06	20.60	20.88					
20	QPSK	50	20	20.89	20.89	21.13	20.79	20.73					
20	16QAM	1	25	21.09	21.11	21.01	20.79	20.87	22.5	1			
20	16QAM	1	49	20.99	20.94	20.87	20.77	20.79					
20	16QAM	25	12	19.78	19.78	19.90	19.19	19.88					
20	16QAM	25	25	19.04	20.05	19.92	20.00	19.94					
20	16QAM	25	25	19.84	19.84	19.84	19.78	19.73	21.5	2			
20	16QAM	50	0	19.84	19.34	19.84	19.84	19.84					
20	16QAM	1	0	19.87	19.84	19.77	19.83	19.70					
20	16QAM	1	25	19.74	20.03	19.84	19.91	19.70					
20	16QAM	1	49	19.91	19.82	19.87	19.87	19.81	20.5	3			
20	16QAM	25	0	18.75	18.88	19.03	18.73	18.83					
20	16QAM	25	12	19.06	19.01	18.80	19.10	18.87					
20	16QAM	25	25	18.85	19.18	18.90	18.74	18.75					
20	16QAM	50	0	18.87	18.87	18.78	18.97	18.78	23.5	0			
Channel													
Frequency (MHz)													
20	QPSK	1	0	21.01	21.16	22.22	21.10	21.12			23.5	0	
20	QPSK	1	12	21.18	22.12	22.07	21.88	22.00					
20	QPSK	1	24	22.92	22.07	22.05	21.90	22.00					
20	QPSK	12	0	20.20	21.21	21.20	20.20	20.75					
20	QPSK	12	7	21.12	21.21	20.94	20.96	20.95	22.5	1			
20	QPSK	12	13	21.03	21.02	20.86	20.86	20.95					
20	QPSK	25	0	20.20	20.20	21.03	20.90	20.82					
20	16QAM	1	0	20.68	20.90	21.02	20.68	20.82					
20	16QAM	1	12	20.95	21.10	21.02	20.91	20.79	22.5	1			
20	16QAM	1	24	20.52	20.88	20.87	20.80	20.79					
20	16QAM	12	7	19.18	19.84	20.23	19.19	19.82					
20	16QAM	12	13	19.00	19.77	19.97	19.77	19.81					
20	16QAM	25	0	19.85	19.85	19.85	19.85	19.85	21.5	2			
20	16QAM	1	0	20.03	19.88	20.16	20.06	19.93					
20	16QAM	1	12	19.86	20.22	20.27	20.10	20.15					
20	16QAM	1	24	20.20	20.20	21.10	19.90	20.20					
20	16QAM	12	0	18.66	19.12	19.08	18.72	18.83	20.5	3			
20	16QAM	12	7	19.12	19.06	19.01	19.09	19.07					
20	16QAM	12	13	18.81	19.12	18.96	18.87	18.87					
20	16QAM	25	0	18.71	18.80	18.97	18.73	18.82					

Reduced Power Mode

Sensor on									
GSM850 Ant 1		Burst Average Power (dBm)			Frame Average Power (dBm)				
TX Channel		128	189	251	Tune-up Limit				
Frequency (MHz)		824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	
GSM 1 Tx slot		30.47	30.68	30.58	31.50	21.47	21.68	21.58	22.50
GPRS 1 Tx slot		30.49	30.67	30.57	31.50	21.49	21.67	21.57	22.50
GPRS 2 Tx slots		28.94	28.96	28.93	30.00	22.94	22.96	22.93	24.00
GPRS 3 Tx slots		28.74	28.71	28.73	28.00	22.48	22.45	22.47	23.74
GPRS 4 Tx slots		25.41	25.49	25.47	27.00	22.41	22.49	22.47	24.00
EDGE 1 Tx slot		24.74	24.71	24.86	26.50	15.74	15.71	15.86	17.50
EDGE 2 Tx slots		23.66	23.72	23.79	25.00	17.66	17.72	17.79	19.00
EDGE 3 Tx slots		21.82	21.92	21.79	23.50	17.56	17.66	17.53	19.24
EDGE 4 Tx slots		20.31	20.21	20.28	22.00	17.31	17.21	17.28	19.00

Sensor on									
GSM1900 Ant 1		Burst-Average Power (dBm)			Frame-Average Power (dBm)				
TX Channel		512	661	810	Tune-up Limit		512	661	810
Frequency (MHz)		1850.2	1880	1909.8	Limit (dBm)		1850.2	1880	1909.8
GSM 1 Tx slot		24.14	24.29	24.26	24.50	15.14	15.29	15.26	15.50
GPRS 1 Tx slot		24.13	24.25	24.29	24.50	15.13	15.25	15.29	15.50
GPRS 2 Tx slots		22.33	22.46	22.70	23.00	16.33	16.46	16.70	17.00
GPRS 3 Tx slots		20.19	20.43	20.11	21.00	15.93	16.17	15.85	16.74
GPRS 4 Tx slots		18.75	18.82	18.79	20.00	15.75	15.82	15.79	17.00
EDGE 1 Tx slot		20.80	20.77	20.82	21.50	11.80	11.77	11.82	12.50
EDGE 2 Tx slots		19.77	19.68	19.82	20.50	13.77	13.68	13.82	14.50
EDGE 3 Tx slots		18.51	18.39	18.52	19.50	14.25	14.13	14.26	15.24
EDGE 4 Tx slots		17.35	17.28	17.39	18.00	14.35	14.28	14.39	15.00

Sensor on													
Band		WCDMA II Ant 1				Sensor on				Sensor on			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)				Tune-up Limit (dBm)				
Rx Channel		9662	9800	9938	1312	1413	1513	Tune-up Limit (dBm)	WCDMA V Ant.1				
Frequency (MHz)		1852.4	1880	1907.6	1537	1638	1738	4132	4182	4233	Tune-up Limit (dBm)		
					1712.4	1732.6	1752.6	4357	4407	4458			
								826.4	836.4	846.6			
3GPP Rel 99	AMR 12.2Kbps	14.63	14.82	14.70	15.50	14.61	14.62	14.61	16.50	21.34	21.26	21.13	22.00
3GPP Rel 99	RMC 12.2Kbps	14.61	14.90	14.62	15.50	14.55	14.70	14.59	16.50	21.21	21.46	21.26	22.00
3GPP Rel 6	HSDPA Subtest-1	14.15	14.29	14.33	14.50	13.96	13.96	13.91	15.50	20.81	20.73	20.67	21.00
3GPP Rel 6	HSDPA Subtest-2	14.16	14.21	14.23	14.50	14.05	13.95	13.94	15.50	20.69	20.70	20.69	21.00
3GPP Rel 6	HSDPA Subtest-3	13.61	13.69	13.77	14.00	13.65	13.48	13.49	15.00	20.03	20.15	20.09	20.50
3GPP Rel 6	HSDPA Subtest-4	13.63	13.71	13.76	14.00	13.59	13.45	13.51	15.00	20.02	20.14	20.18	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.78	13.84	13.92	14.50	13.99	13.93	13.97	15.50	20.87	20.65	20.67	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.57	13.84	13.92	14.50	13.98	13.89	13.97	15.50	20.60	20.56	20.71	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.26	13.34	13.47	14.00	13.61	13.51	13.47	15.00	20.20	19.92	20.23	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.07	13.31	13.41	14.00	13.96	13.54	13.58	15.00	20.17	19.96	20.22	20.50
3GPP Rel 6	HSUPA Subtest-1	11.78	11.87	12.09	12.50	11.96	11.84	12.08	13.50	18.79	18.50	18.76	19.00
3GPP Rel 6	HSUPA Subtest-2	11.88	11.97	12.12	12.50	11.88	11.79	11.84	13.50	18.75	18.73	18.82	19.00
3GPP Rel 6	HSUPA Subtest-3	12.73	12.82	13.02	13.50	12.94	13.04	12.93	14.50	19.74	19.54	19.81	20.00
3GPP Rel 6	HSUPA Subtest-4	11.37	11.49	11.50	12.00	11.59	11.23	11.63	13.00	18.29	18.10	18.24	18.50
3GPP Rel 6	HSUPA Subtest-5	12.70	12.69	12.84	13.50	12.75	12.81	12.74	14.50	19.66	19.64	19.69	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.47	12.70	12.50	13.00	12.79	12.73	12.81	14.00	19.13	19.29	19.30	19.50

Hotspot on									
GSM850 Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		125	169	251		125	169	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		30.47	30.68	30.58	31.50	21.47	21.68	21.58	22.50
GPRS 1 Tx slot		30.49	30.67	30.57	31.50	21.49	21.67	21.57	22.50
GPRS 2 Tx slots		28.94	28.96	28.93	30.00	22.94	22.96	22.93	24.00
GPRS 3 Tx slots		26.74	26.71	26.73	28.00	22.48	22.45	22.47	23.74
GPRS 4 Tx slots		25.65	25.77	25.68	27.00	22.65	22.77	22.68	24.00
EDGE 1 Tx slot		24.74	24.71	24.86	26.50	15.74	15.71	15.86	17.50
EDGE 2 Tx slots		23.66	23.72	23.79	25.00	17.66	17.72	17.79	19.00
EDGE 3 Tx slots		21.82	21.92	21.79	23.50	17.56	17.66	17.53	19.24
EDGE 4 Tx slots		20.31	20.21	20.28	22.00	17.31	17.21	17.28	19.00

Hotspot on									
GSM1900 Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1900.8		1850.2	1860	1900.8	
GSM 1 Tx slot		23.08	23.19	23.43	23.50	14.08	14.19	14.43	14.50
GPRS 1 Tx slot		23.06	23.18	23.41	23.50	14.06	14.18	14.41	14.50
GPRS 2 Tx slots		21.17	21.27	21.51	22.00	15.17	15.27	15.51	16.00
GPRS 3 Tx slots		19.09	19.22	19.44	20.00	14.83	14.96	15.18	15.74
GPRS 4 Tx slots		18.07	18.11	18.04	19.00	15.07	15.11	15.04	16.00
EDGE 1 Tx slot		19.68	19.66	19.92	20.50	10.68	10.66	10.92	11.50
EDGE 2 Tx slots		18.65	18.61	18.84	19.50	12.65	12.61	12.84	13.50
EDGE 3 Tx slots		17.38	17.40	17.58	18.50	13.12	13.14	13.32	14.24
EDGE 4 Tx slots		15.29	15.19	15.33	17.00	12.29	12.19	12.33	14.00

Hotspot on									
Band		WCDMA I Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9408	9538		1312	1413	1513	
RX Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 AMR 12.2Kbps		13.22	13.49	13.47	14.50	13.69	13.69	13.62	15.00
3GPP Rel 99 RMC 12.2Kbps		13.36	13.53	13.48	14.50	13.78	13.87	13.71	15.00
3GPP Rel 6 HSDPA Subtest-1		12.43	12.47	12.74	13.50	13.22	13.15	13.07	14.00
3GPP Rel 6 HSDPA Subtest-2		12.32	12.49	12.70	13.50	13.14	13.08	13.07	14.00
3GPP Rel 6 HSDPA Subtest-3		11.95	12.15	12.06	13.00	12.81	12.82	12.68	13.50
3GPP Rel 6 HSDPA Subtest-4		11.82	12.14	12.02	13.00	12.65	12.66	12.68	13.50
3GPP Rel 8 DC-HSDPA Subtest-1		12.52	12.52	12.82	13.50	13.14	13.21	13.11	14.00
3GPP Rel 8 DC-HSDPA Subtest-2		12.45	12.45	12.54	13.50	13.16	12.96	13.21	14.00
3GPP Rel 8 DC-HSDPA Subtest-3		11.99	12.10	12.08	13.00	12.89	12.84	12.64	13.50
3GPP Rel 8 DC-HSDPA Subtest-4		11.76	11.94	11.82	13.00	12.89	12.71	12.76	13.50
3GPP Rel 6 HSUPA Subtest-1		10.56	10.76	10.89	11.50	11.23	10.99	11.15	12.00
3GPP Rel 6 HSUPA Subtest-2		10.46	10.51	10.76	11.50	11.22	11.06	11.10	12.00
3GPP Rel 6 HSUPA Subtest-3		11.36	11.66	11.63	12.50	12.22	12.03	12.20	13.00
3GPP Rel 6 HSUPA Subtest-4		9.92	10.28	10.30	11.00	10.61	10.41	10.62	11.50
3GPP Rel 6 HSUPA Subtest-5		11.52	11.55	11.62	12.50	12.11	12.03	12.06	13.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		11.37	11.23	11.24	12.00	12.05	11.96	12.05	12.50
									19.13
									19.29
									19.30
									19.50

Handheld on									
GSM1900 Ant 1		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1300.2	1300	1300.8	(dBm)	1300.2	1300	1300.8	(dBm)
CSM 1 Tx slot		28.60	28.64	28.95	30.00	19.60	19.64	19.95	21.00
GPRS 1 Tx slot		28.59	28.60	28.80	30.00	19.59	19.60	19.80	21.00
GPRS 2 Tx slot		26.91	27.13	27.34	28.50	20.91	21.13	21.34	22.50
GPRS 3 Tx slots		24.92	25.13	25.27	26.50	20.66	20.87	21.01	22.24
GPRS 4 Tx slots		24.07	24.09	24.01	25.50	21.07	21.09	21.01	22.50
EDGE 1 Tx slot		25.62	25.59	25.60	27.00	18.62	18.59	18.60	18.00
EDGE 2 Tx slots		24.86	24.56	24.66	26.00	18.86	18.56	18.66	20.00
EDGE 3 Tx slots		23.68	23.50	23.66	25.00	19.42	19.24	19.40	20.74
EDGE 4 Tx slots		22.29	22.21	22.17	23.50	19.29	19.21	19.17	20.50

Handheld on									
Band		WCDMA II Ant 1			Tune-up	WCDMA IV Ant 1			Tune-up
TX Channel		9262	9400	9538	Limit	1312	1413	1513	Limit
Ex Channel		3692	3800	3938	(dBm)	1537	1638	1738	(dBm)
Frequency (MHz)		1852.4	1860	1807.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.29	19.32	19.16	20.50	18.62	18.72	18.63	20.00
3GPP Rel 99	RMC 12.2Kbps	19.27	18.44	19.19	20.50	18.68	18.73	18.70	20.00
3GPP Rel 6	HSDPA Subtest-1	18.31	18.56	18.55	19.50	18.03	18.09	18.07	19.00
3GPP Rel 6	HSDPA Subtest-2	18.31	18.63	18.45	19.50	18.08	18.10	18.07	19.00
3GPP Rel 6	HSDPA Subtest-3	17.79	18.07	18.08	19.00	17.61	17.69	17.64	18.50
3GPP Rel 6	HSDPA Subtest-4	17.64	17.63	18.07	19.00	17.59	17.67	17.62	18.50
3GPP Rel 6	DC-HSDPA Subtest-1	18.48	18.51	18.67	19.50	18.09	18.16	18.08	19.00
3GPP Rel 6	DC-HSDPA Subtest-2	18.30	18.43	18.46	19.50	18.16	17.98	18.06	19.00
3GPP Rel 6	DC-HSDPA Subtest-3	17.85	17.80	17.96	19.00	17.81	17.88	17.72	18.50
3GPP Rel 6	DC-HSDPA Subtest-4	17.62	17.62	17.87	19.00	17.81	17.87	17.76	18.50
3GPP Rel 6	HSUPA Subtest-1	16.31	16.68	16.71	17.50	16.06	15.83	16.26	17.00
3GPP Rel 6	HSUPA Subtest-2	16.37	16.41	16.55	17.50	15.99	15.85	16.03	17.00
3GPP Rel 6	HSUPA Subtest-3	17.45	17.45	17.87	18.50	17.05	17.00	17.00	18.00
3GPP Rel 6	HSUPA Subtest-4	15.77	16.08	16.06	17.00	15.48	15.35	15.61	16.50
3GPP Rel 6	HSUPA Subtest-5	17.36	17.46	17.41	18.50	16.50	16.69	16.90	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.23	17.12	18.00	16.93	16.71	16.77	17.50

Band 2 Ant 1 Sensor on									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	14.48	14.60	14.45			
20	QPSK	1	49	14.57	14.60	14.61	16	0	
20	QPSK	1	99	14.39	14.44	14.50			
20	QPSK	50	0	14.47	14.64	14.60			
20	QPSK	50	24	14.49	14.43	14.54	16	0	
20	QPSK	50	50	14.46	14.43	14.61			
20	QPSK	100	0	14.44	14.66	14.53			
20	16QAM	1	0	14.39	14.56	14.57			
20	16QAM	1	49	14.61	14.65	14.51	16	0	
20	16QAM	1	99	14.63	14.43	14.48			
20	16QAM	50	0	14.28	14.57	14.33			
20	16QAM	50	24	14.41	14.44	14.55	16	0	
20	16QAM	50	50	14.38	14.32	14.53			
20	16QAM	100	0	14.36	14.34	14.58			
20	64QAM	1	0	14.47	14.43	14.44			
20	64QAM	1	49	14.57	14.54	14.66	16	0	
20	64QAM	1	99	14.31	14.33	14.38			
20	64QAM	50	0	14.36	14.38	14.29			
20	64QAM	50	24	14.37	14.44	14.31	16	0	
20	64QAM	50	50	14.37	14.27	14.52			
20	64QAM	100	0	14.38	14.43	14.58			
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	0	14.36	14.46	14.40			
15	QPSK	1	37	14.35	14.59	14.39	16	0	
15	QPSK	1	74	14.25	14.38	14.39			
15	QPSK	36	0	14.43	14.49	14.57			
15	QPSK	36	20	14.44	14.50	14.62	16	0	
15	QPSK	36	39	14.37	14.34	14.47			
15	QPSK	75	0	14.44	14.27	14.59			
15	16QAM	1	0	14.33	14.37	14.52			
15	16QAM	1	37	14.55	14.58	14.34	16	0	
15	16QAM	1	74	14.19	14.33	14.45			
15	16QAM	36	0	14.09	14.44	14.19			
15	16QAM	36	20	14.36	14.40	14.37	16	0	
15	16QAM	36	39	14.33	14.25	14.44			
15	16QAM	75	0	14.21	14.14	14.47			
15	64QAM	1	0	14.44	14.36	14.36			
15	64QAM	1	37	14.44	14.40	14.53	16	0	
15	64QAM	1	74	14.17	14.11	14.21			
15	64QAM	36	0	14.14	14.32	14.26			
15	64QAM	36	20	14.19	14.30	14.23	16	0	
15	64QAM	36	39	14.17	14.24	14.32			
15	64QAM	75	0	14.31	14.31	14.35			
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	0	14.26	14.63	14.24			
10	QPSK	1	25	14.48	14.57	14.38	16	0	
10	QPSK	1	49	14.39	14.31	14.34			
10	QPSK	25	0	14.28	14.32	14.55			
10	QPSK	25	12	14.28	14.43	14.59	16	0	
10	QPSK	25	25	14.32	14.21	14.48			
10	QPSK	50	0	14.26	14.44	14.60			
10	16QAM	1	0	14.16	14.46	14.52			
10	16QAM	1	25	14.50	14.59	14.42	16	0	
10	16QAM	1	49	14.31	14.29	14.24			
10	16QAM	25	0	14.06	14.56	14.14			
10	16QAM	25	12	14.17	14.24	14.32	16	0	
10	16QAM	25	25	14.22	14.20	14.37			
10	16QAM	50	0	14.20	14.14	14.49			
10	64QAM	1	0	14.31	14.28	14.28	16	0	
10	64QAM	1	25	14.43	14.35	14.62			
10	64QAM	1	49	14.13	14.16	14.33			
10	64QAM	25	0	14.16	14.19	14.18			
10	64QAM	25	12	14.27	14.22	14.13	16	0	
10	64QAM	25	25	14.21	14.15	14.51			
10	64QAM	50	0	14.32	14.41	14.44			
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	0	14.42	14.64	14.27			
5	QPSK	1	12	14.52	14.58	14.41	16	0	
5	QPSK	1	24	14.28	14.42	14.44			
5	QPSK	12	0	14.30	14.28	14.60			
5	QPSK	12	7	14.28	14.31	14.54	16	0	
5	QPSK	12	13	14.40	14.34	14.50			
5	QPSK	25	0	14.41	14.45	14.57			
5	16QAM	1	0	14.32	14.39	14.50			
5	16QAM	1	12	14.44	14.47	14.43	16	0	
5	16QAM	1	24	14.37	14.34	14.44			
5	16QAM	12	0	14.24	14.52	14.17			
5	16QAM	12	7	14.17	14.22	14.48	16	0	
5	16QAM	12	13	14.37	14.23	14.29			
5	16QAM	25	0	14.24	14.24	14.42			
5	64QAM	1	0	14.43	14.40	14.41			
5	64QAM	1	12	14.55	14.32	14.57	16	0	
5	64QAM	1	24	14.21	14.11	14.28			
5	64QAM	12	0	14.26	14.31	14.05			
5	64QAM	12	7	14.34	14.42	14.09	16	0	
5	64QAM	12	13	14.17	14.26	14.47			
5	64QAM	25	0	14.33	14.36	14.54			
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
3	QPSK	1	0	14.25	14.58	14.30			
3	QPSK	1	8	14.41	14.50	14.47	16	0	
3	QPSK	1	14	14.33	14.23	14.33			
3	QPSK	8	0	14.37	14.50	14.58			
3	QPSK	8	4	14.26	14.41	14.51	16	0	
3	QPSK	8	7	14.40	14.25	14.58			
3	QPSK	15	0	14.40	14.38	14.64			
3	16QAM	1	0	14.39	14.43	14.54			
3	16QAM	1	8	14.51	14.55	14.39	16	0	
3	16QAM	1	14	14.23	14.43	14.47			
3	16QAM	8	0	14.18	14.43	14.16			
3	16QAM	8	4	14.35	14.37	14.45	16	0	
3	16QAM	8	7	14.15	14.24	14.43			
3	16QAM	15	0	14.23	14.33	14.57			
3	64QAM	1	0	14.43	14.37	14.20			
3	64QAM	1	8	14.39	14.43	14.43	16	0	
3	64QAM	1	14	14.14	14.29	14.24			
3	64QAM	8	0	14.25	14.19	14.10			
3	64QAM	8	4	14.19	14.33	14.18	16	0	
3	64QAM	8	7	14.22	14.22	14.32			
3	64QAM	15	0	14.21	14.28	14.39			
Channel							Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
1.4	QPSK	1	0	14.34	14.61	14.31			
1.4	QPSK	1	3	14.52	14.40	14.54	16	0	
1.4	QPSK	1	5	14.24	14.21	14.39			
1.4	QPSK	3	0	14.47	14.50	14.59			
1.4	QPSK	3	1	14.26	14.35	14.46	16	0	
1.4	QPSK	3	3	14.45	14.38	14.56			
1.4	QPSK	6	0	14.26	14.24	14.60	16	0	
1.4	16QAM	1	0	14.22	14.44	14.48			
1.4	16QAM	1	5	14.39	14.31	14.36	16	0	
1.4	16QAM	1	5	14.20	14.42	14.26			
1.4	16QAM	3	0	14.18	14.53	14.26			
1.4	16QAM	3	1	14.28	14.26	14.37	16	0	
1.4	16QAM	3	3	14.28	14.20	14.40			
1.4	16QAM	6	0	14.17	14.10	14.54	16	0	
1.4	64QAM	1	0	14.46	14.33	14.43			
1.4	64QAM	1	3	14.56	14.47	14.50			
1.4	64QAM	1	5	14.10	14.17	14.18	16	0	
1.4	64QAM	3	0	14.26	14.26	14.25			
1.4	64QAM	3	1	14.21	14.25	14.22			
1.4	64QAM	3	3	14.15	14.12	14.40			
1.4	64QAM	6	0	14.31	14.29	14.49	16	0	

Band 4 Ant 1 Sensor on									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	14.30	14.59	14.40			
20	QPSK	1	49	14.37	14.38	14.47	16		0
20	QPSK	1	99	14.28	14.32	14.31			
20	QPSK	50	0	14.22	14.41	14.35			
20	QPSK	50	24	14.33	14.39	14.38	16		0
20	QPSK	50	50	14.20	14.36	14.29			
20	QPSK	100	0	14.25	14.39	14.31			
20	16QAM	1	0	14.36	14.40	14.41			
20	16QAM	1	49	14.46	14.46	14.52	16		0
20	16QAM	1	99	14.33	14.33	14.45			
20	16QAM	50	0	14.27	14.40	14.34			
20	16QAM	50	24	14.29	14.38	14.42	16		0
20	16QAM	50	50	14.19	14.40	14.33			
20	16QAM	100	0	14.25	14.41	14.33			
20	64QAM	1	0	14.24	14.25	14.28			
20	64QAM	1	49	14.47	14.54	14.51	16		0
20	64QAM	1	99	14.22	14.23	14.30			
20	64QAM	50	0	14.22	14.41	14.29			
20	64QAM	50	24	14.28	14.35	14.39	16		0
20	64QAM	50	50	14.20	14.41	14.34			
20	64QAM	100	0	14.23	14.19	14.32			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	14.22	14.56	14.38			
15	QPSK	1	37	14.30	14.33	14.44	16		0
15	QPSK	1	74	14.21	14.30	14.27			
15	QPSK	36	0	14.16	14.38	14.30			
15	QPSK	36	20	14.28	14.36	14.31	16		0
15	QPSK	36	39	14.12	14.32	14.27			
15	QPSK	75	0	14.21	14.36	14.25			
15	16QAM	1	0	14.31	14.32	14.37			
15	16QAM	1	37	14.42	14.42	14.46	16		0
15	16QAM	1	74	14.28	14.26	14.42			
15	16QAM	36	0	14.22	14.37	14.31			
15	16QAM	36	20	14.25	14.33	14.40	16		0
15	16QAM	36	39	14.15	14.38	14.26			
15	16QAM	75	0	14.22	14.36	14.27			
15	64QAM	1	0	14.18	14.21	14.22			
15	64QAM	1	37	14.20	14.49	14.44	16		0
15	64QAM	1	74	14.19	14.17	14.23			
15	64QAM	36	0	14.15	14.34	14.21			
15	64QAM	36	20	14.23	14.28	14.35	16		0
15	64QAM	36	39	14.13	14.34	14.28			
15	64QAM	75	0	14.16	14.11	14.24			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	14.28	14.56	14.36			
10	QPSK	1	25	14.30	14.34	14.45	16		0
10	QPSK	1	49	14.24	14.26	14.31			
10	QPSK	25	0	14.15	14.38	14.32			
10	QPSK	25	12	14.29	14.32	14.31	16		0
10	QPSK	25	25	14.12	14.32	14.21			
10	QPSK	50	0	14.22	14.34	14.29			
10	16QAM	1	0	14.29	14.35	14.38			
10	16QAM	1	25	14.42	14.42	14.46	16		0
10	16QAM	1	49	14.27	14.27	14.37			
10	16QAM	25	0	14.21	14.38	14.32			
10	16QAM	25	12	14.24	14.31	14.36	16		0
10	16QAM	25	25	14.14	14.33	14.28			
10	16QAM	50	0	14.23	14.37	14.27			
10	64QAM	1	0	14.17	14.23	14.23			
10	64QAM	1	25	14.40	14.50	14.46	16		0
10	64QAM	1	49	14.17	14.21	14.27			
10	64QAM	25	0	14.16	14.36	14.26			
10	64QAM	25	12	14.20	14.29	14.38	16		0
10	64QAM	25	25	14.18	14.38	14.22			
10	64QAM	50	0	14.20	14.14	14.25			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	14.26	14.55	14.32			
5	QPSK	1	12	14.34	14.32	14.44	16		0
5	QPSK	1	24	14.24	14.27	14.23			
5	QPSK	12	0	14.18	14.39	14.28			
5	QPSK	12	7	14.29	14.36	14.31	16		0
5	QPSK	12	13	14.12	14.32	14.23			
5	QPSK	25	0	14.20	14.33	14.27			
5	16QAM	1	0	14.31	14.36	14.35			
5	16QAM	1	12	14.40	14.39	14.46	16		0
5	16QAM	1	24	14.30	14.27	14.37			
5	16QAM	12	0	14.21	14.32	14.31			
5	16QAM	12	7	14.23	14.30	14.39	16		0
5	16QAM	12	13	14.15	14.36	14.26			
5	16QAM	25	0	14.22	14.37	14.26			
5	64QAM	1	0	14.18	14.21	14.23			
5	64QAM	1	12	14.42	14.50	14.45	16		0
5	64QAM	1	24	14.19	14.15	14.26			
5	64QAM	12	0	14.16	14.34	14.28			
5	64QAM	12	7	14.23	14.32	14.31	16		0
5	64QAM	12	13	14.16	14.35	14.29			
5	64QAM	25	0	14.17	14.15	14.25			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	14.28	14.52	14.36			
3	QPSK	1	8	14.34	14.31	14.40	16		0
3	QPSK	1	14	14.23	14.34	14.28			
3	QPSK	8	0	14.16	14.36	14.28			
3	QPSK	8	4	14.29	14.35	14.33	16		0
3	QPSK	8	7	14.13	14.30	14.23			
3	QPSK	15	0	14.19	14.34	14.26			
3	16QAM	1	0	14.29	14.32	14.37			
3	16QAM	1	8	14.43	14.38	14.48	16		0
3	16QAM	1	14	14.30	14.30	14.42			
3	16QAM	8	0	14.23	14.38	14.29			
3	16QAM	8	4	14.27	14.31	14.35	16		0
3	16QAM	8	7	14.15	14.35	14.27			
3	16QAM	15	0	14.17	14.34	14.26			
3	64QAM	1	0	14.21	14.22	14.23			
3	64QAM	1	8	14.39	14.47	14.47	16		0
3	64QAM	1	14	14.15	14.16	14.22			
3	64QAM	8	0	14.18	14.36	14.26			
3	64QAM	8	4	14.20	14.28	14.35	16		0
3	64QAM	8	7	14.14	14.35	14.29			
3	64QAM	15	0	14.15	14.17	14.25			
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	14.25	14.52	14.34			
1.4	QPSK	1	3	14.32	14.32	14.44	16		0
1.4	QPSK	1	5	14.21	14.28	14.28			
1.4	QPSK	3	0	14.17	14.34	14.33			
1.4	QPSK	3	1	14.28	14.37	14.34			
1.4	QPSK	3	3	14.12	14.33	14.27	16		0
1.4	QPSK	6	0	14.20	14.33	14.26			
1.4	16QAM	1	0	14.30	14.35	14.35			
1.4	16QAM	1	3	14.39	14.39	14.46	16		0
1.4	16QAM	1	5	14.29	14.31	14.40			
1.4	16QAM	3	0	14.20	14.34	14.31			
1.4	16QAM	3	1	14.25	14.30	14.37			
1.4	16QAM	3	3	14.11	14.36	14.29	16		0
1.4	16QAM	6	0	14.22	14.35	14.28			
1.4	64QAM	1	0	14.19	14.20	14.20			
1.4	64QAM	1	3	14.41	14.47	14.44			
1.4	64QAM	1	5	14.16	14.16	14.22	16		0
1.4	64QAM	3	0	14.18	14.33	14.26			
1.4	64QAM	3	1	14.24	14.30	14.37			
1.4	64QAM	3	3	14.14	14.36	14.30			
1.4	64QAM	6	0	14.19	14.15	14.29	16		0

Band 7 Ant 2 Sensor on									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.49	18.52	18.44	19.5	0	
20	QPSK	1	49	18.61	18.51	18.41			
20	QPSK	1	99	18.34	18.36	18.38			
20	QPSK	50	0	18.27	18.55	18.33			
20	QPSK	50	24	18.46	18.44	18.36	19.5	0	
20	QPSK	50	50	18.35	18.43	18.32			
20	QPSK	100	0	18.39	18.43	18.32			
20	16QAM	1	0	18.49	18.58	18.47			
20	16QAM	1	49	18.54	18.47	18.56	19.5	0	
20	16QAM	1	99	18.42	18.59	18.35			
20	16QAM	50	0	18.29	18.37	18.35			
20	16QAM	50	24	18.48	18.46	18.38			
20	16QAM	50	50	18.59	18.44	18.32	19.5	0	
20	16QAM	100	0	18.42	18.42	18.31			
20	64QAM	1	0	18.38	18.47	18.32			
20	64QAM	1	49	18.45	18.37	18.47	19.5	0	
20	64QAM	1	99	18.36	18.47	18.39			
20	64QAM	50	0	18.37	18.34	18.32			
20	64QAM	50	24	18.46	18.39	18.36			
20	64QAM	50	50	18.55	18.47	18.27	19.5	0	
20	64QAM	100	0	18.41	18.46	18.38			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	18.11	18.33	18.17	19.5	0	
15	QPSK	1	37	18.21	18.19	18.19			
15	QPSK	1	74	17.99	18.09	18.17			
15	QPSK	36	0	17.80	17.97	18.07			
15	QPSK	36	20	18.21	18.10	17.98	19.5	0	
15	QPSK	36	39	18.24	18.05	17.93			
15	QPSK	75	0	18.14	18.09	18.00			
15	16QAM	1	0	18.29	18.18	18.04			
15	16QAM	1	37	18.34	18.23	18.15	19.5	0	
15	16QAM	1	74	17.99	18.22	18.16			
15	16QAM	36	0	18.06	17.97	18.03			
15	16QAM	36	20	18.24	18.13	18.03			
15	16QAM	36	39	18.37	18.01	18.00	19.5	0	
15	16QAM	75	0	18.17	17.99	17.96			
15	64QAM	1	0	18.09	18.06	17.95			
15	64QAM	1	37	18.19	18.10	18.04	19.5	0	
15	64QAM	1	74	18.25	18.19	18.06			
15	64QAM	36	0	17.93	18.00	18.07			
15	64QAM	36	20	18.10	17.96	18.09			
15	64QAM	36	39	18.15	18.03	17.94	19.5	0	
15	64QAM	75	0	18.17	18.26	17.96			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.18	18.38	18.01	19.5	0	
10	QPSK	1	25	18.40	18.21	18.13			
10	QPSK	1	49	18.11	18.06	18.12			
10	QPSK	25	0	17.84	18.13	17.97			
10	QPSK	25	12	18.06	18.13	18.13	19.5	0	
10	QPSK	25	25	18.14	18.08	18.10			
10	QPSK	50	0	18.14	18.09	17.96			
10	16QAM	1	0	18.18	18.34	18.26			
10	16QAM	1	25	18.33	18.18	18.18	19.5	0	
10	16QAM	1	49	18.17	18.22	18.27			
10	16QAM	25	0	17.94	18.10	17.96			
10	16QAM	25	12	18.16	18.05	18.15			
10	16QAM	25	25	18.18	18.12	17.93	19.5	0	
10	16QAM	50	0	18.18	18.03	18.11			
10	64QAM	1	0	18.03	18.18	17.98			
10	64QAM	1	25	18.24	17.98	18.09			
10	64QAM	1	49	18.22	18.14	18.12	19.5	0	
10	64QAM	25	0	18.00	18.00	17.90			
10	64QAM	25	12	18.06	18.10	18.00			
10	64QAM	25	25	18.26	18.20	17.97			
10	64QAM	50	0	17.97	18.10	18.05	19.5	0	
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.20	18.36	18.03	19.5	0	
5	QPSK	1	12	18.28	18.29	18.14			
5	QPSK	1	24	18.13	17.99	17.97			
5	QPSK	12	0	17.90	18.00	18.01			
5	QPSK	12	7	18.08	18.10	17.95	19.5	0	
5	QPSK	12	13	18.12	18.22	17.91			
5	QPSK	25	0	18.15	18.21	18.06			
5	16QAM	1	0	18.16	18.14	18.11			
5	16QAM	1	12	18.21	18.13	18.21	19.5	0	
5	16QAM	1	24	18.19	18.21	18.26			
5	16QAM	12	0	18.07	17.94	18.07			
5	16QAM	12	7	18.06	18.11	17.99			
5	16QAM	12	13	18.23	18.09	17.92	19.5	0	
5	16QAM	25	0	18.11	18.12	17.90			
5	64QAM	1	0	18.02	18.07	17.90			
5	64QAM	1	12	18.19	18.01	18.26			
5	64QAM	1	24	18.22	18.16	18.11	19.5	0	
5	64QAM	12	0	18.04	18.13	17.89			
5	64QAM	12	7	18.03	18.04	18.02			
5	64QAM	12	13	18.13	18.14	17.99			
5	64QAM	25	0	18.17	18.19	17.96	19.5	0	

Band 25 Ant 1 Sensor on											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				26140	26340	26590					
Frequency (MHz)				1860	1880	1905					
20	QPSK	1	0	14.65	14.87	14.75	16	0			
20	QPSK	1	49	14.71	14.78	14.76					
20	QPSK	1	99	14.57	14.59	14.68					
20	QPSK	50	0	14.65	14.82	14.81					
20	QPSK	50	24	14.64	14.73	14.76	16	0			
20	QPSK	50	50	14.60	14.54	14.53					
20	QPSK	100	0	14.61	14.64	14.63					
20	16QAM	1	0	14.59	14.74	14.78					
20	16QAM	1	49	14.64	14.70	14.81	16	0			
20	16QAM	1	99	14.84	14.84	14.73					
20	16QAM	50	0	14.65	14.72	14.69					
20	16QAM	50	24	14.68	14.74	14.74					
20	16QAM	50	50	14.62	14.58	14.57	16	0			
20	16QAM	100	0	14.65	14.63	14.68					
20	64QAM	1	0	14.54	14.67	14.79					
20	64QAM	1	49	14.60	14.66	14.78	16	0			
20	64QAM	1	99	14.70	14.79	14.80					
20	64QAM	50	0	14.63	14.77	14.70					
20	64QAM	50	24	14.84	14.68	14.80					
20	64QAM	50	50	14.61	14.59	14.52	16	0			
20	64QAM	100	0	14.84	14.68	14.64					
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1857.5	1880	1907.5					
15	QPSK	1	0	14.54	14.66	14.71	16	0			
15	QPSK	1	37	14.55	14.73	14.81					
15	QPSK	1	74	14.34	14.48	14.62					
15	QPSK	36	0	14.53	14.72	14.48					
15	QPSK	36	20	14.47	14.67	14.64	16	0			
15	QPSK	36	39	14.52	14.54	14.41					
15	QPSK	75	0	14.53	14.52	14.52					
15	16QAM	1	0	14.43	14.57	14.74					
15	16QAM	1	37	14.41	14.54	14.63	16	0			
15	16QAM	1	74	14.80	14.81	14.62					
15	16QAM	36	0	14.65	14.64	14.65					
15	16QAM	36	20	14.46	14.43	14.69					
15	16QAM	36	39	14.55	14.40	14.45	16	0			
15	16QAM	75	0	14.48	14.55	14.65					
15	64QAM	1	0	14.50	14.53	14.58					
15	64QAM	1	37	14.47	14.50	14.70	16	0			
15	64QAM	1	74	14.66	14.73	14.70					
15	64QAM	36	0	14.44	14.60	14.58					
15	64QAM	36	20	14.59	14.64	14.59	16	0			
15	64QAM	36	39	14.47	14.50	14.43					
15	64QAM	75	0	14.49	14.45	14.57					
Channel				26090	26340	26640			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910					
10	QPSK	1	0	14.45	14.63	14.64	16	0			
10	QPSK	1	25	14.50	14.60	14.62					
10	QPSK	1	49	14.56	14.39	14.56					
10	QPSK	25	0	14.64	14.61	14.68					
10	QPSK	25	12	14.45	14.57	14.62	16	0			
10	QPSK	25	25	14.55	14.42	14.40					
10	QPSK	50	0	14.43	14.51	14.54					
10	16QAM	1	0	14.55	14.56	14.65					
10	16QAM	1	25	14.59	14.47	14.69	16	0			
10	16QAM	1	49	14.64	14.83	14.50					
10	16QAM	25	0	14.44	14.49	14.46					
10	16QAM	25	12	14.46	14.71	14.62					
10	16QAM	25	25	14.61	14.39	14.30	16	0			
10	16QAM	50	0	14.61	14.46	14.51					
10	64QAM	1	0	14.40	14.49	14.58					
10	64QAM	1	25	14.48	14.66	14.76	16	0			
10	64QAM	1	49	14.56	14.71	14.74					
10	64QAM	25	0	14.41	14.55	14.54					
10	64QAM	25	12	14.43	14.47	14.64					
10	64QAM	25	25	14.45	14.39	14.60	16	0			
10	64QAM	50	0	14.51	14.59	14.58					
Channel				26095	26340	26665			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5					
5	QPSK	1	0	14.50	14.67	14.54	16	0			
5	QPSK	1	12	14.59	14.56	14.75					
5	QPSK	1	24	14.42	14.42	14.52					
5	QPSK	12	0	14.50	14.78	14.65					
5	QPSK	12	7	14.49	14.54	14.60	16	0			
5	QPSK	12	13	14.43	14.44	14.43					
5	QPSK	25	0	14.39	14.63	14.44					
5	16QAM	1	0	14.40	14.63	14.62					
5	16QAM	1	12	14.56	14.66	14.60	16	0			
5	16QAM	1	24	14.65	14.76	14.70					
5	16QAM	12	0	14.42	14.69	14.66					
5	16QAM	12	7	14.58	14.70	14.62					
5	16QAM	12	13	14.49	14.52	14.33	16	0			
5	16QAM	25	0	14.43	14.61	14.45					
5	64QAM	1	0	14.48	14.52	14.59					
5	64QAM	1	12	14.38	14.48	14.61					
5	64QAM	1	24	14.54	14.62	14.73	16	0			
5	64QAM	12	0	14.53	14.60	14.50					
5	64QAM	12	7	14.56	14.65	14.66					
5	64QAM	12	13	14.47	14.44	14.31					
5	64QAM	25	0	14.61	14.45	14.47	16	0			
Channel				26055	26340	26675			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5					
3	QPSK	1	0	14.53	14.69	14.53	16	0			
3	QPSK	1	8	14.51	14.72	14.65					
3	QPSK	1	14	14.48	14.41	14.47					
3	QPSK	8	0	14.40	14.64	14.50					
3	QPSK	8	4	14.47	14.59	14.69	16	0			
3	QPSK	8	7	14.43	14.48	14.42					
3	QPSK	15	0	14.45	14.59	14.47					
3	16QAM	1	0	14.47	14.52	14.66					
3	16QAM	1	8	14.55	14.46	14.72	16	0			
3	16QAM	1	14	14.74	14.62	14.69					
3	16QAM	8	0	14.50	14.53	14.62					
3	16QAM	8	4	14.58	14.44	14.60					
3	16QAM	8	0	14.54	14.49	14.34	16	0			
3	16QAM	15	0	14.63	14.49	14.56					
3	64QAM	1	0	14.44	14.61	14.56					
3	64QAM	1	8	14.40	14.54	14.62	16	0			
3	64QAM	1	14	14.53	14.59	14.67					
3	64QAM	8	0	14.49	14.75	14.61					
3	64QAM	8	4	14.63	14.55	14.56					
3	64QAM	8	7	14.54	14.39	14.42	16	0			
3	64QAM	15	0	14.53	14.66	14.42					
Channel				26047	26340	26693			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.7					
1.4	QPSK	1	0	14.62	14.70	14.63	16	0			
1.4	QPSK	1	3	14.59	14.69	14.73					
1.4	QPSK	1	5	14.43	14.54	14.59					
1.4	QPSK	3	0	14.59	14.71	14.65					
1.4	QPSK	3	1	14.52	14.65	14.55	16	0			
1.4	QPSK	3	3	14.42	14.35	14.49					
1.4	QPSK	6	0	14.47	14.63	14.59					
1.4	16QAM	1	0	14.56	14.54	14.55					
1.4	16QAM	1	0	14.51	14.56	14.70	16	0			
1.4	16QAM	3	0	14.61	14.63	14.64					
1.4	16QAM	3	1	14.45	14.74	14.52					
1.4	16QAM	3	3	14.50	14.44	14.47					
1.4	16QAM	6	0	14.64	14.60	14.58	16	0			
1.4	64QAM	1	0	14.35	14.46	14.71					
1.4	64QAM	1	3	14.47	14.53	14.67					
1.4	64QAM	1	5	14.62	14.70	14.62					
1.4	64QAM	3	0	14.58	14.56	14.65	16	0			
1.4	64QAM	3	1	14.53	14.56	14.59					
1.4	64QAM	3	3	14.56	14.50	14.41					
1.4	64QAM	6	0	14.49	14.53	14.41					

Band 30 Ant 2 Sensor on								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310			20.5	0
Frequency (MHz)				27710				
10	QPSK	1	0	19.28				
10	QPSK	1	25	19.21				
10	QPSK	1	49	19.00				
10	QPSK	25	0	19.18				
10	QPSK	25	12	19.13				
10	QPSK	25	25	19.12				
10	QPSK	50	0	19.14				
10	16QAM	1	0	19.22				
10	16QAM	1	25	19.26				
10	16QAM	1	49	19.10				
10	16QAM	25	0	19.08				
10	16QAM	25	12	19.10				
10	16QAM	25	25	19.04				
10	16QAM	50	0	19.04				
10	64QAM	1	0	19.24				
10	64QAM	1	25	19.09				
10	64QAM	1	49	19.21				
10	64QAM	25	0	19.23				
10	64QAM	25	12	19.24				
10	64QAM	25	25	19.13				
10	64QAM	50	0	19.13				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.21	19.22	19.22		
5	QPSK	1	12	19.05	19.12	19.06		
5	QPSK	1	24	18.94	18.99	18.92		
5	QPSK	12	0	19.96	18.89	19.96		
5	QPSK	12	7	19.08	19.10	19.08		
5	QPSK	12	13	18.94	18.92	19.08		
5	QPSK	25	0	19.08	18.99	19.07		
5	16QAM	1	0	19.13	19.15	19.01		
5	16QAM	1	12	19.22	19.12	19.20		
5	16QAM	1	24	19.04	19.03	19.06		
5	16QAM	12	0	18.94	19.08	18.96		
5	16QAM	12	7	18.92	18.91	19.03		
5	16QAM	12	13	18.86	18.97	19.02		
5	16QAM	25	0	18.85	18.89	19.01		
5	64QAM	1	0	19.07	19.15	19.03		
5	64QAM	1	12	19.00	18.94	19.02		
5	64QAM	1	24	19.04	19.02	19.18		
5	64QAM	12	0	19.22	19.07	19.05		
5	64QAM	12	7	19.13	19.20	19.21		
5	64QAM	12	13	18.92	18.90	19.01		
5	64QAM	25	0	18.99	19.05	18.97		

Band 66 Ant 1 Sensor on														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel				132072	132322	132572	16	0						
Frequency (MHz)				1720	1745	1770								
20	QPSK	1	0	14.42	14.64	14.55								
20	QPSK	1	49	14.53	14.60	14.56								
20	QPSK	1	99	14.32	14.49	14.59								
20	QPSK	50	0	14.44	14.62	14.55	16	0						
20	QPSK	50	24	14.42	14.39	14.45								
20	QPSK	50	50	14.37	14.38	14.61								
20	QPSK	100	0	14.53	14.61	14.43								
20	16QAM	1	0	14.32	14.48	14.55	16	0						
20	16QAM	1	49	14.29	14.37	14.59								
20	16QAM	1	99	14.54	14.61	14.56								
20	16QAM	50	0	14.52	14.46	14.33								
20	16QAM	50	24	14.43	14.57	14.51								
20	16QAM	50	50	14.28	14.42	14.54	16	0						
20	16QAM	100	0	14.31	14.48	14.63								
20	64QAM	1	0	14.23	14.51	14.56								
20	64QAM	1	49	14.24	14.40	14.60								
20	64QAM	1	99	14.40	14.54	14.59	16	0						
20	64QAM	50	0	14.41	14.62	14.53								
20	64QAM	50	24	14.43	14.46	14.52								
20	64QAM	50	50	14.52	14.38	14.57								
20	64QAM	100	0	14.57	14.49	14.43	Channel		132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5								
15	QPSK	1	0	14.34	14.50	14.37	16	0						
15	QPSK	1	37	14.39	14.42	14.34								
15	QPSK	1	74	14.15	14.36	14.48								
15	QPSK	36	0	14.36	14.45	14.41								
15	QPSK	36	20	14.24	14.16	14.36	16	0						
15	QPSK	36	39	14.13	14.28	14.52								
15	QPSK	75	0	14.31	14.45	14.20								
15	16QAM	1	0	14.28	14.21	14.34	16	0						
15	16QAM	1	37	14.17	14.14	14.43								
15	16QAM	1	74	14.51	14.39	14.44								
15	16QAM	36	0	14.37	14.39	14.18	16	0						
15	16QAM	36	20	14.30	14.56	14.29								
15	16QAM	36	39	14.28	14.24	14.49								
15	16QAM	75	0	14.27	14.43	14.46								
15	64QAM	1	0	14.22	14.29	14.41	16	0						
15	64QAM	1	37	14.23	14.34	14.56								
15	64QAM	1	74	14.25	14.42	14.44								
15	64QAM	36	0	14.26	14.42	14.38								
15	64QAM	36	20	14.29	14.42	14.39	16	0						
15	64QAM	36	39	14.35	14.20	14.44								
15	64QAM	75	0	14.45	14.48	14.41								
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1715	1745	1775								
10	QPSK	1	0	14.30	14.59	14.45	16	0						
10	QPSK	1	25	14.35	14.54	14.47								
10	QPSK	1	49	14.19	14.33	14.54								
10	QPSK	25	0	14.35	14.55	14.36								
10	QPSK	25	12	14.38	14.21	14.28	16	0						
10	QPSK	25	25	14.27	14.24	14.40								
10	QPSK	50	0	14.34	14.52	14.22								
10	16QAM	1	0	14.19	14.24	14.48	16	0						
10	16QAM	1	25	14.25	14.20	14.36								
10	16QAM	1	49	14.48	14.45	14.42								
10	16QAM	25	0	14.49	14.38	14.25	16	0						
10	16QAM	25	12	14.21	14.53	14.42								
10	16QAM	25	25	14.29	14.31	14.46								
10	16QAM	50	0	14.24	14.46	14.51	16	0						
10	64QAM	1	0	14.14	14.39	14.47								
10	64QAM	1	25	14.18	14.36	14.43								
10	64QAM	1	49	14.17	14.45	14.46								
10	64QAM	25	0	14.23	14.60	14.31	16	0						
10	64QAM	25	12	14.36	14.23	14.32								
10	64QAM	25	25	14.35	14.28	14.54								
10	64QAM	50	0	14.34	14.48	14.29	Channel		131987	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5								
5	QPSK	1	0	14.41	14.48	14.33	16	0						
5	QPSK	1	12	14.37	14.45	14.33								
5	QPSK	1	24	14.31	14.42	14.53								
5	QPSK	12	0	14.22	14.38	14.39	16	0						
5	QPSK	12	7	14.37	14.24	14.25								
5	QPSK	12	13	14.19	14.28	14.41								
5	QPSK	25	0	14.43	14.47	14.28	16	0						
5	16QAM	1	0	14.16	14.31	14.45								
5	16QAM	1	12	14.19	14.31	14.38								
5	16QAM	1	24	14.39	14.30	14.50	16	0						
5	16QAM	12	0	14.33	14.43	14.24								
5	16QAM	12	7	14.21	14.27	14.35								
5	16QAM	12	13	14.27	14.29	14.44	16	0						
5	16QAM	25	0	14.30	14.35	14.41								
5	64QAM	1	0	14.09	14.21	14.32								
5	64QAM	1	12	14.11	14.34	14.41	16	0						
5	64QAM	1	24	14.30	14.33	14.33								
5	64QAM	12	0	14.24	14.44	14.38								
5	64QAM	12	7	14.26	14.43	14.49	16	0						
5	64QAM	12	13	14.32	14.16	14.41								
5	64QAM	25	0	14.44	14.28	14.20								
Channel				131987	132322	132687	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1711.5	1745	1778.5								
3	QPSK	1	0	14.38	14.56	14.31	16	0						
3	QPSK	1	8	14.37	14.37	14.54								
3	QPSK	1	14	14.23	14.28	14.45								
3	QPSK	8	0	14.37	14.56	14.31	16	0						
3	QPSK	8	4	14.25	14.38	14.31								
3	QPSK	8	7	14.19	14.17	14.46								
3	QPSK	15	0	14.33	14.41	14.22	16	0						
3	16QAM	1	0	14.16	14.18	14.42								
3	16QAM	1	8	14.29	14.26	14.42								
3	16QAM	1	14	14.39	14.50	14.40	16	0						
3	16QAM	8	0	14.29	14.41	14.27								
3	16QAM	8	4	14.31	14.51	14.43								
3	16QAM	8	7	14.19	14.20	14.41	16	0						
3	16QAM	15	0	14.08	14.44	14.33								
3	64QAM	1	0	14.21	14.30	14.32								
3	64QAM	1	8	14.13	14.19	14.38	16	0						
3	64QAM	1	14	14.19	14.41	14.51								
3	64QAM	8	0	14.21	14.56	14.36								
3	64QAM	8	4	14.21	14.34	14.42	16	0						
3	64QAM	8	7	14.48	14.34	14.53								
3	64QAM	15	0	14.42	14.35	14.42								
Channel				131979	132322	132653	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1710.7	1745	1779.3								
1.4	QPSK	1	0	14.32	14.61	14.49	16	0						
1.4	QPSK	1	3	14.38	14.54	14.51								
1.4	QPSK	1	5	14.23	14.38	14.42								
1.4	QPSK	3	0	14.30	14.58	14.50	16	0						
1.4	QPSK	3	1	14.37	14.19	14.44								
1.4	QPSK	3	3	14.22	14.26	14.43								
1.4	QPSK	6	0	14.37	14.57	14.37	16	0						
1.4	16QAM	1	0	14.31	14.30	14.53								
1.4	16QAM	1	3	14.17	14.31	14.24								
1.4	16QAM	1	5	14.35	14.41	14.46	16	0						
1.4	16QAM	3	0	14.38	14.42	14.21								
1.4	16QAM	3	1	14.34	14.57	14.36								
1.4	16QAM	3	3	14.23	14.39	14.37	16	0						
1.4	16QAM	6	0	14.30	14.25	14.53								
1.4	64QAM	1	0	14.14	14.32	14.34								
1.4	64QAM	1	3	14.19	14.37	14.38	16	0						
1.4	64QAM	1	5	14.27	14.42	14.32								
1.4	64QAM	3	0	14.20	14.42	14.36								
1.4	64QAM	3	1	14.34	14.29	14.49	16	0						
1.4	64QAM	3	3	14.32	14.31	14.50								
1.4	64QAM	6	0	14.41	14.25	14.32								

Band 2 Ant 1 Hotspot on									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	13.83	14.01	13.97			
20	QPSK	1	49	13.79	13.89	13.94	15	0	
20	QPSK	1	99	13.71	13.81	13.89			
20	QPSK	50	0	13.86	13.92	13.87			
20	QPSK	50	24	13.67	13.90	13.86	15	0	
20	QPSK	50	50	13.69	13.65	13.75			
20	QPSK	100	0	13.75	13.88	13.78			
20	16QAM	1	0	13.73	13.91	13.90			
20	16QAM	1	49	13.65	13.76	13.92	15	0	
20	16QAM	1	99	13.67	13.69	13.83			
20	16QAM	50	0	13.63	13.87	13.76			
20	16QAM	50	24	13.63	13.73	13.71			
20	16QAM	50	50	13.59	13.74	13.84	15	0	
20	16QAM	100	0	13.81	13.80	13.85			
20	64QAM	1	0	13.58	13.83	13.91			
20	64QAM	1	49	13.77	13.75	13.78	15	0	
20	64QAM	1	99	13.59	13.81	13.75			
20	64QAM	50	0	13.82	13.80	13.79			
20	64QAM	50	24	13.56	13.88	13.83			
20	64QAM	50	50	13.65	13.61	13.76	15	0	
20	64QAM	100	0	13.75	13.86	13.84			
Channel									
Frequency (MHz)									
15	QPSK	1	0	13.81	13.96	13.92			
15	QPSK	1	37	13.73	13.82	13.90	15	0	
15	QPSK	1	74	13.69	13.78	13.82			
15	QPSK	36	0	13.67	13.87	13.83			
15	QPSK	36	20	13.63	13.89	13.84	15	0	
15	QPSK	36	39	13.65	13.81	13.70			
15	QPSK	75	0	13.67	13.84	13.74			
15	16QAM	1	0	13.70	13.88	13.86			
15	16QAM	1	37	13.58	13.69	13.84	15	0	
15	16QAM	1	74	13.61	13.62	13.79			
15	16QAM	36	0	13.60	13.80	13.71			
15	16QAM	36	20	13.58	13.87	13.86	15	0	
15	16QAM	36	39	13.56	13.69	13.79			
15	16QAM	75	0	13.75	13.74	13.81			
15	64QAM	1	0	13.55	13.78	13.88			
15	64QAM	1	37	13.75	13.67	13.73	15	0	
15	64QAM	1	74	13.52	13.55	13.70			
15	64QAM	36	0	13.77	13.76	13.74			
15	64QAM	36	20	13.53	13.85	13.81	15	0	
15	64QAM	36	39	13.29	13.58	13.68			
15	64QAM	75	0	13.69	13.81	13.81			
Channel									
Frequency (MHz)									
10	QPSK	1	0	13.75	13.96	13.92			
10	QPSK	1	25	13.76	13.82	13.88	15	0	
10	QPSK	1	49	13.64	13.76	13.86			
10	QPSK	25	0	13.60	13.85	13.81			
10	QPSK	25	12	13.62	13.85	13.83	15	0	
10	QPSK	25	25	13.62	13.62	13.72			
10	QPSK	50	0	13.68	13.91	13.75			
10	16QAM	1	0	13.70	13.85	13.86			
10	16QAM	1	25	13.61	13.70	13.87	15	0	
10	16QAM	1	49	13.62	13.63	13.77			
10	16QAM	25	0	13.61	13.84	13.89			
10	16QAM	25	12	13.59	13.71	13.69	15	0	
10	16QAM	25	25	13.55	13.71	13.81			
10	16QAM	50	0	13.74	13.76	13.81			
10	64QAM	1	0	13.52	13.76	13.83			
10	64QAM	1	25	13.71	13.68	13.75	15	0	
10	64QAM	1	49	13.55	13.58	13.89			
10	64QAM	25	0	13.80	13.74	13.73			
10	64QAM	25	12	13.49	13.81	13.77	15	0	
10	64QAM	25	25	13.63	13.56	13.73			
10	64QAM	50	0	13.69	13.83	13.57			
Channel									
Frequency (MHz)									
5	QPSK	1	0	13.80	13.94	13.91			
5	QPSK	1	12	13.22	13.83	13.88	15	0	
5	QPSK	1	24	13.64	13.78	13.83			
5	QPSK	12	0	13.60	13.84	13.83			
5	QPSK	12	7	13.61	13.85	13.81	15	0	
5	QPSK	12	13	13.65	13.58	13.69			
5	QPSK	25	0	13.68	13.81	13.76			
5	16QAM	1	0	13.66	13.87	13.87			
5	16QAM	1	12	13.57	13.70	13.87	15	0	
5	16QAM	1	24	13.61	13.85	13.79			
5	16QAM	12	0	13.62	13.91	13.73			
5	16QAM	12	7	13.59	13.68	13.63	15	0	
5	16QAM	12	13	13.53	13.70	13.79			
5	16QAM	25	0	13.76	13.76	13.78			
5	64QAM	1	0	13.54	13.80	13.85			
5	64QAM	1	12	13.72	13.71	13.74	15	0	
5	64QAM	1	24	13.55	13.58	13.73			
5	64QAM	12	0	13.76	13.76	13.72			
5	64QAM	12	7	13.62	13.81	13.76	15	0	
5	64QAM	12	13	13.59	13.54	13.70			
5	64QAM	25	0	13.69	13.82	13.59			
Channel									
Frequency (MHz)									
3	QPSK	1	0	13.79	13.97	13.95			
3	QPSK	1	8	13.73	13.82	13.88	15	0	
3	QPSK	1	14	13.65	13.78	13.84			
3	QPSK	8	0	13.60	13.83	13.84			
3	QPSK	8	4	13.62	13.89	13.83	15	0	
3	QPSK	8	7	13.67	13.58	13.69			
3	QPSK	15	0	13.72	13.82	13.73			
3	16QAM	1	0	13.66	13.86	13.86			
3	16QAM	1	8	13.59	13.74	13.89	15	0	
3	16QAM	1	14	13.63	13.63	13.76			
3	16QAM	8	0	13.59	13.83	13.70			
3	16QAM	8	4	13.59	13.67	13.63	15	0	
3	16QAM	8	7	13.53	13.87	13.80			
3	16QAM	15	0	13.75	13.76	13.83			
3	64QAM	1	0	13.54	13.77	13.83			
3	64QAM	1	8	13.70	13.72	13.73	15	0	
3	64QAM	8	0	13.76	13.72	13.72			
3	64QAM	8	4	13.49	13.83	13.80	15	0	
3	64QAM	8	7	13.58	13.54	13.72			
3	64QAM	15	0	13.68	13.81	13.57			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	13.80	13.98	13.99			
1.4	QPSK	1	3	13.76	13.84	13.87	15	0	
1.4	QPSK	1	5	13.67	13.74	13.81			
1.4	QPSK	3	0	13.64	13.87	13.82			
1.4	QPSK	3	1	13.64	13.88	13.80			
1.4	QPSK	3	3	13.66	13.61	13.70	15	0	
1.4	QPSK	6	0	13.67	13.83	13.72			
1.4	16QAM	1	0	13.67	13.88	13.85			
1.4	16QAM	1	5	13.61	13.73	13.89	15	0	
1.4	16QAM	1	5	13.61	13.66	13.77			
1.4	16QAM	3	0	13.58	13.81	13.71			
1.4	16QAM	3	1	13.55	13.69	13.67	15	0	
1.4	16QAM	3	3	13.53	13.67	13.80			
1.4	16QAM	6	0	13.75	13.75	13.79	15	0	
1.4	64QAM	1	0	13.55	13.75	13.87			
1.4	64QAM	1	3	13.75	13.71	13.73			
1.4	64QAM	1	5	13.17	13.58	13.70	15	0	
1.4	64QAM	3	0	13.76	13.76	13.74			
1.4	64QAM	3	1	13.49	13.83	13.78			
1.4	64QAM	3	3	13.63	13.59	13.74			
1.4	64QAM	6	0	13.68	13.80	13.57	15	0	

Band 4 Ant 1 Hotspot on									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
20	QPSK	1	0	13.50	13.53	13.62			
20	QPSK	1	49	13.37	13.45	13.51	15	0	
20	QPSK	1	99	13.37	13.49	13.40			
20	QPSK	50	0	13.37	13.61	13.40			
20	QPSK	50	24	13.28	13.38	13.40	15	0	
20	QPSK	50	50	13.34	13.29	13.39			
20	QPSK	100	0	13.38	13.42	13.36			
20	16QAM	1	0	13.44	13.50	13.49			
20	16QAM	1	49	13.38	13.31	13.27	15	0	
20	16QAM	1	99	13.29	13.29	13.25			
20	16QAM	50	0	13.29	13.29	13.36			
20	16QAM	50	24	13.28	13.37	13.25	15	0	
20	16QAM	50	50	13.33	13.41	13.23			
20	16QAM	100	0	13.17	13.16	13.14			
20	64QAM	1	0	13.26	13.42	13.44			
20	64QAM	1	49	13.22	13.40	13.33	15	0	
20	64QAM	1	99	13.17	13.41	13.25			
20	64QAM	50	0	13.49	13.53	13.40			
20	64QAM	50	24	13.32	13.41	13.24	15	0	
20	64QAM	50	50	13.26	13.31	13.25			
20	64QAM	100	0	13.41	13.44	13.39			
Channel									
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	13.47	13.58	13.54			
15	QPSK	1	37	13.31	13.42	13.48	15	0	
15	QPSK	1	74	13.30	13.47	13.33			
15	QPSK	36	0	13.33	13.58	13.36			
15	QPSK	36	20	13.24	13.36	13.33	15	0	
15	QPSK	36	39	13.26	13.26	13.35			
15	QPSK	75	0	13.35	13.37	13.33			
15	16QAM	1	0	13.39	13.45	13.44			
15	16QAM	1	37	13.33	13.25	13.22	15	0	
15	16QAM	1	74	13.26	13.33	13.17			
15	16QAM	36	0	13.25	13.25	13.33			
15	16QAM	36	20	13.23	13.33	13.18	15	0	
15	16QAM	36	39	13.30	13.34	13.17			
15	16QAM	75	0	13.12	13.11	13.08			
15	64QAM	1	0	13.22	13.37	13.29			
15	64QAM	1	37	13.19	13.36	13.27	15	0	
15	64QAM	1	74	13.14	13.33	13.18			
15	64QAM	36	0	13.45	13.46	13.35			
15	64QAM	36	20	13.29	13.35	13.16	15	0	
15	64QAM	36	39	13.22	13.28	13.22			
15	64QAM	75	0	13.37	13.38	13.34			
Channel									
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	13.44	13.58	13.58			
10	QPSK	1	25	13.30	13.41	13.47	15	0	
10	QPSK	1	49	13.32	13.47	13.33			
10	QPSK	25	0	13.32	13.57	13.37	15	0	
10	QPSK	25	12	13.23	13.36	13.34			
10	QPSK	25	25	13.31	13.24	13.35			
10	QPSK	50	0	13.34	13.40	13.30			
10	16QAM	1	0	13.37	13.45	13.41			
10	16QAM	1	25	13.35	13.24	13.21	15	0	
10	16QAM	1	49	13.24	13.34	13.22			
10	16QAM	25	0	13.21	13.27	13.11			
10	16QAM	25	12	13.25	13.36	13.18	15	0	
10	16QAM	25	25	13.30	13.33	13.17			
10	16QAM	50	0	13.13	13.12	13.11			
10	64QAM	1	0	13.19	13.34	13.40			
10	64QAM	1	25	13.19	13.34	13.31	15	0	
10	64QAM	1	49	13.09	13.35	13.21			
10	64QAM	25	0	13.46	13.51	13.36			
10	64QAM	25	12	13.27	13.37	13.18	15	0	
10	64QAM	25	25	13.23	13.26	13.21			
10	64QAM	50	0	13.38	13.37	13.37			
Channel									
Frequency (MHz)				19975 <th>20175<th>20375</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	20175 <th>20375</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20375	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	13.46	13.59	13.56			
5	QPSK	1	12	13.34	13.40	13.46	15	0	
5	QPSK	1	24	13.32	13.42	13.32			
5	QPSK	12	0	13.30	13.57	13.34			
5	QPSK	12	7	13.25	13.35	13.36	15	0	
5	QPSK	12	13	13.26	13.25	13.33			
5	QPSK	25	0	13.32	13.40	13.29			
5	16QAM	1	0	13.39	13.42	13.41			
5	16QAM	1	12	13.33	13.24	13.21	15	0	
5	16QAM	1	24	13.27	13.25	13.23			
5	16QAM	12	0	13.24	13.26	13.29			
5	16QAM	12	7	13.23	13.33	13.31	15	0	
5	16QAM	12	13	13.25	13.39	13.16			
5	16QAM	25	0	13.15	13.13	13.07			
5	64QAM	1	0	13.18	13.36	13.36			
5	64QAM	1	12	13.18	13.38	13.38	15	0	
5	64QAM	1	24	13.12	13.38	13.18			
5	64QAM	12	0	13.46	13.50	13.32			
5	64QAM	12	7	13.28	13.33	13.18	15	0	
5	64QAM	12	13	13.19	13.23	13.18			
5	64QAM	25	0	13.32	13.41	13.33			
Channel									
Frequency (MHz)				19965 <th>20175</th> <th>20385</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20175	20385	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	13.43	13.57	13.58			
3	QPSK	1	8	13.29	13.40	13.47	15	0	
3	QPSK	1	14	13.34	13.47	13.33			
3	QPSK	8	0	13.30	13.58	13.33			
3	QPSK	8	4	13.23	13.32	13.32	15	0	
3	QPSK	8	7	13.32	13.24	13.33			
3	QPSK	15	0	13.32	13.39	13.28			
3	16QAM	1	0	13.37	13.47	13.46			
3	16QAM	1	8	13.31	13.26	13.24	15	0	
3	16QAM	1	14	13.26	13.24	13.21			
3	16QAM	8	0	13.25	13.27	13.31			
3	16QAM	8	4	13.23	13.34	13.17	15	0	
3	16QAM	8	7	13.28	13.36	13.21			
3	16QAM	15	0	13.15	13.12	13.10			
3	64QAM	1	0	13.20	13.40	13.40			
3	64QAM	1	8	13.16	13.38	13.22	15	0	
3	64QAM	1	14	13.14	13.36	13.29			
3	64QAM	8	0	13.42	13.46	13.36			
3	64QAM	8	4	13.27	13.39	13.21	15	0	
3	64QAM	8	7	13.19	13.26	13.22			
3	64QAM	15	0	13.35	13.38	13.36			
Channel									
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	13.46	13.55	13.59			
1.4	QPSK	1	3	13.34	13.38	13.43	15	0	
1.4	QPSK	1	5	13.30	13.43	13.38			
1.4	QPSK	3	0	13.34	13.57	13.33			
1.4	QPSK	3	1	13.20	13.30	13.34			
1.4	QPSK	3	3	13.29	13.25	13.36	15	0	
1.4	QPSK	6	0	13.36	13.34	13.31			
1.4	16QAM	1	0	13.40	13.44	13.45			
1.4	16QAM	1	3	13.36	13.26	13.20	15	0	
1.4	16QAM	1	5	13.26	13.25	13.32			
1.4	16QAM	3	0	13.24	13.22	13.32			
1.4	16QAM	3	1	13.22	13.29	13.18			
1.4	16QAM	3	3	13.29	13.34	13.17			
1.4	16QAM	6	0	13.09	13.11	13.06	15	0	
1.4	64QAM	1	0	13.19	13.38	13.38			
1.4	64QAM	1	3	13.17	13.35	13.30			
1.4	64QAM	1	5	13.11	13.37	13.19	15	0	
1.4	64QAM	3	0	13.46	13.49	13.27			
1.4	64QAM	3	1	13.25	13.33	13.21			
1.4	64QAM	3	3	13.22	13.27	13.17			
1.4	64QAM	6	0	13.36	13.36	13.32	15	0	

Band 7 Ant 2 Hotspot on									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.49	18.52	18.44	19.5	0	
20	QPSK	1	49	18.61	18.51	18.41			
20	QPSK	1	99	18.34	18.36	18.38			
20	QPSK	50	0	18.27	18.55	18.33	19.5	0	
20	QPSK	50	24	18.46	18.44	18.36			
20	QPSK	50	50	18.35	18.43	18.32			
20	QPSK	100	0	18.39	18.43	18.32	19.5	0	
20	16QAM	1	0	18.49	18.58	18.47			
20	16QAM	1	49	18.54	18.47	18.56			
20	16QAM	1	99	18.42	18.59	18.35	19.5	0	
20	16QAM	50	0	18.29	18.37	18.35			
20	16QAM	50	24	18.48	18.46	18.38			
20	16QAM	50	50	18.59	18.44	18.32	19.5	0	
20	16QAM	100	0	18.42	18.42	18.31			
20	64QAM	1	0	18.38	18.47	18.32			
20	64QAM	1	49	18.45	18.37	18.47	19.5	0	
20	64QAM	1	99	18.36	18.47	18.39			
20	64QAM	50	0	18.37	18.34	18.32			
20	64QAM	50	24	18.46	18.39	18.36	19.5	0	
20	64QAM	50	50	18.55	18.47	18.27			
20	64QAM	100	0	18.41	18.46	18.38			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	18.11	18.33	18.17	19.5	0	
15	QPSK	1	37	18.21	18.19	18.19			
15	QPSK	1	74	17.99	18.09	18.17			
15	QPSK	36	0	17.90	17.97	18.07	19.5	0	
15	QPSK	36	20	18.21	18.10	17.98			
15	QPSK	36	39	18.24	18.05	17.93			
15	QPSK	75	0	18.14	18.09	18.00	19.5	0	
15	16QAM	1	0	18.29	18.18	18.04			
15	16QAM	1	37	18.34	18.23	18.15			
15	16QAM	1	74	17.99	18.22	18.16	19.5	0	
15	16QAM	36	0	18.06	17.97	18.03			
15	16QAM	36	20	18.24	18.13	18.03			
15	16QAM	36	39	18.37	18.01	18.00	19.5	0	
15	16QAM	75	0	18.17	17.99	17.96			
15	64QAM	1	0	18.09	18.06	17.95			
15	64QAM	1	37	18.19	18.10	18.04	19.5	0	
15	64QAM	1	74	18.25	18.19	18.06			
15	64QAM	36	0	17.93	18.00	18.07			
15	64QAM	36	20	18.10	17.96	18.09	19.5	0	
15	64QAM	36	39	18.15	18.03	17.94			
15	64QAM	75	0	18.17	18.26	17.96			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.18	18.38	18.01	19.5	0	
10	QPSK	1	25	18.40	18.21	18.13			
10	QPSK	1	49	18.11	18.06	18.12			
10	QPSK	25	0	17.84	18.13	17.97	19.5	0	
10	QPSK	25	12	18.06	18.13	18.13			
10	QPSK	25	25	18.14	18.08	18.10			
10	QPSK	50	0	18.14	18.09	17.96	19.5	0	
10	16QAM	1	0	18.18	18.34	18.26			
10	16QAM	1	25	18.33	18.18	18.18			
10	16QAM	1	49	18.17	18.22	18.27	19.5	0	
10	16QAM	25	0	17.94	18.10	17.96			
10	16QAM	25	12	18.16	18.05	18.15			
10	16QAM	25	25	18.18	18.12	17.93	19.5	0	
10	16QAM	50	0	18.18	18.03	18.11			
10	64QAM	1	0	18.03	18.18	17.98			
10	64QAM	1	25	18.24	17.98	18.09	19.5	0	
10	64QAM	1	49	18.22	18.14	18.12			
10	64QAM	25	0	18.00	18.00	17.90			
10	64QAM	25	12	18.06	18.10	18.00	19.5	0	
10	64QAM	25	25	18.26	18.20	17.97			
10	64QAM	50	0	17.97	18.10	18.05			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.20	18.36	18.03	19.5	0	
5	QPSK	1	12	18.28	18.29	18.14			
5	QPSK	1	24	18.13	17.99	17.97			
5	QPSK	12	0	17.90	18.00	18.01	19.5	0	
5	QPSK	12	7	18.08	18.10	17.95			
5	QPSK	12	13	18.12	18.22	17.91			
5	QPSK	25	0	18.15	18.21	18.06	19.5	0	
5	16QAM	1	0	18.16	18.14	18.11			
5	16QAM	1	12	18.21	18.13	18.21			
5	16QAM	1	24	18.19	18.21	18.26	19.5	0	
5	16QAM	12	0	18.07	17.94	18.07			
5	16QAM	12	7	18.06	18.11	17.99			
5	16QAM	12	13	18.23	18.09	17.92	19.5	0	
5	16QAM	25	0	18.11	18.12	17.90			
5	64QAM	1	0	18.02	18.07	17.90			
5	64QAM	1	12	18.19	18.01	18.26	19.5	0	
5	64QAM	1	24	18.22	18.16	18.11			
5	64QAM	12	0	18.04	18.13	17.89			
5	64QAM	12	7	18.03	18.04	18.02	19.5	0	
5	64QAM	12	13	18.13	18.14	17.99			
5	64QAM	25	0	18.17	18.19	17.96			

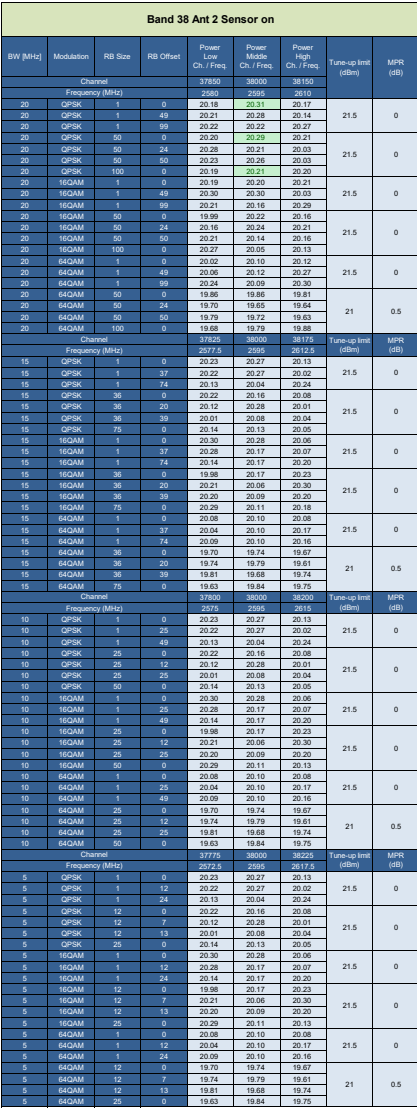
Band 25 Ant 1 Hotspot on									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1890	1905			
20	QPSK	1	0	13.87	14.02	13.95	15	0	
20	QPSK	1	49	13.75	13.72	13.89			
20	QPSK	1	99	13.67	13.84	13.79			
20	QPSK	50	0	13.83	14.01	13.96	15	0	
20	QPSK	50	24	13.77	13.90	13.98			
20	QPSK	50	50	13.89	13.80	13.72			
20	QPSK	100	0	13.81	13.86	13.79	15	0	
20	16QAM	1	0	13.67	13.76	13.83			
20	16QAM	1	49	13.44	13.55	13.71			
20	16QAM	1	99	13.52	13.58	13.85	15	0	
20	16QAM	50	0	13.55	13.81	13.85			
20	16QAM	50	24	13.69	13.62	13.66			
20	16QAM	50	50	13.69	13.55	13.63	15	0	
20	16QAM	100	0	13.61	13.76	13.70			
20	64QAM	1	0	13.59	13.74	13.70			
20	64QAM	1	49	13.66	13.47	13.76	15	0	
20	64QAM	1	99	13.50	13.75	13.87			
20	64QAM	50	0	13.69	13.85	13.94			
20	64QAM	50	24	13.55	13.73	13.79	15	0	
20	64QAM	50	50	13.61	13.59	13.53			
20	64QAM	100	0	13.57	13.55	13.69			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	13.60	13.88	13.78	15	0	
15	QPSK	1	37	13.54	13.61	13.77			
15	QPSK	1	74	13.53	13.63	13.49			
15	QPSK	36	0	13.58	13.85	13.71	15	0	
15	QPSK	36	20	13.65	13.73	13.80			
15	QPSK	36	39	13.64	13.49	13.59			
15	QPSK	75	0	13.53	13.58	13.59	15	0	
15	16QAM	1	0	13.48	13.52	13.64			
15	16QAM	1	37	13.38	13.42	13.62			
15	16QAM	1	74	13.35	13.37	13.55	15	0	
15	16QAM	36	0	13.47	13.73	13.72			
15	16QAM	36	20	13.52	13.57	13.47			
15	16QAM	36	39	13.54	13.43	13.41	15	0	
15	16QAM	75	0	13.52	13.67	13.46			
15	64QAM	1	0	13.45	13.47	13.51			
15	64QAM	1	37	13.48	13.33	13.60	15	0	
15	64QAM	1	74	13.36	13.60	13.49			
15	64QAM	36	0	13.52	13.74	13.62			
15	64QAM	36	20	13.45	13.44	13.50	15	0	
15	64QAM	36	39	13.39	13.38	13.44			
15	64QAM	75	0	13.30	13.46	13.56			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	13.56	13.87	13.64	15	0	
10	QPSK	1	25	13.52	13.54	13.74			
10	QPSK	1	49	13.48	13.49	13.52			
10	QPSK	25	0	13.71	13.80	13.71	15	0	
10	QPSK	25	12	13.59	13.60	13.71			
10	QPSK	25	25	13.74	13.68	13.49			
10	QPSK	50	0	13.49	13.55	13.58	15	0	
10	16QAM	1	0	13.39	13.76	13.85			
10	16QAM	1	25	13.42	13.38	13.53			
10	16QAM	1	49	13.39	13.37	13.43	15	0	
10	16QAM	25	0	13.39	13.56	13.64			
10	16QAM	25	12	13.46	13.33	13.39			
10	16QAM	25	25	13.60	13.44	13.44	15	0	
10	16QAM	50	0	13.35	13.62	13.55			
10	64QAM	1	0	13.45	13.58	13.55			
10	64QAM	1	25	13.36	13.33	13.47	15	0	
10	64QAM	1	49	13.41	13.57	13.36			
10	64QAM	25	0	13.37	13.58	13.65			
10	64QAM	25	12	13.37	13.41	13.60	15	0	
10	64QAM	25	25	13.34	13.26	13.28			
10	64QAM	50	0	13.35	13.46	13.51			
Channel				26085	26340	26685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	13.69	13.89	13.67	15	0	
5	QPSK	1	12	13.58	13.50	13.76			
5	QPSK	1	24	13.56	13.64	13.67			
5	QPSK	12	0	13.57	13.82	13.73	15	0	
5	QPSK	12	7	13.69	13.58	13.68			
5	QPSK	12	13	13.74	13.55	13.68			
5	QPSK	25	0	13.70	13.73	13.33	15	0	
5	16QAM	1	0	13.50	13.63	13.55			
5	16QAM	1	12	13.38	13.38	13.62			
5	16QAM	1	24	13.34	13.39	13.56	15	0	
5	16QAM	12	0	13.43	13.66	13.60			
5	16QAM	12	7	13.41	13.42	13.46			
5	16QAM	12	13	13.42	13.38	13.55	15	0	
5	16QAM	25	0	13.44	13.31	13.53			
5	64QAM	1	0	13.42	13.61	13.67			
5	64QAM	1	12	13.55	13.31	13.65	15	0	
5	64QAM	1	24	13.41	13.45	13.42			
5	64QAM	12	0	13.51	13.63	13.68			
5	64QAM	12	7	13.33	13.59	13.47	15	0	
5	64QAM	12	13	13.39	13.48	13.37			
5	64QAM	25	0	13.31	13.45	13.54			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	13.74	13.83	13.74	15	0	
3	QPSK	1	8	13.53	13.52	13.63			
3	QPSK	1	14	13.55	13.55	13.64			
3	QPSK	8	0	13.71	13.75	13.59	15	0	
3	QPSK	8	4	13.51	13.51	13.73			
3	QPSK	8	7	13.64	13.64	13.55			
3	QPSK	15	0	13.59	13.56	13.55	15	0	
3	16QAM	1	0	13.48	13.68	13.52			
3	16QAM	1	8	13.39	13.45	13.60			
3	16QAM	1	14	13.38	13.35	13.49	15	0	
3	16QAM	8	0	13.44	13.58	13.75			
3	16QAM	8	4	13.48	13.48	13.48			
3	16QAM	8	7	13.47	13.48	13.51	15	0	
3	16QAM	15	0	13.30	13.67	13.58			
3	64QAM	1	0	13.49	13.62	13.45			
3	64QAM	1	8	13.35	13.32	13.59	15	0	
3	64QAM	1	14	13.30	13.51	13.58			
3	64QAM	8	0	13.57	13.71	13.60			
3	64QAM	8	4	13.43	13.56	13.48	15	0	
3	64QAM	8	7	13.42	13.35	13.37			
3	64QAM	15	0	13.35	13.24	13.45			
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	13.72	13.83	13.71	15	0	
1.4	QPSK	1	3	13.60	13.46	13.76			
1.4	QPSK	1	5	13.55	13.72	13.70			
1.4	QPSK	3	0	13.70	13.88	13.74	15	0	
1.4	QPSK	3	1	13.62	13.80	13.90			
1.4	QPSK	3	3	13.66	13.60	13.60			
1.4	QPSK	6	0	13.51	13.65	13.58	15	0	
1.4	16QAM	1	0	13.37	13.56	13.61			
1.4	16QAM	1	3	13.24	13.44	13.55			
1.4	16QAM	1	5	13.43	13.42	13.59	15	0	
1.4	16QAM	3	0	13.27	13.54	13.76			
1.4	16QAM	3	1	13.44	13.46	13.55			
1.4	16QAM	3	3	13.40	13.39	13.53	15	0	
1.4	16QAM	6	0	13.34	13.60	13.51			
1.4	64QAM	1	0	13.43	13.59	13.55			
1.4	64QAM	1	3	13.36	13.36	13.46	15	0	
1.4	64QAM	1	5	13.27	13.65	13.57			
1.4	64QAM	3	0	13.56	13.62	13.57			
1.4	64QAM	3	1	13.26	13.59	13.64	15	0	
1.4	64QAM	3	3	13.37	13.30	13.31			
1.4	64QAM	6	0	13.48	13.59	13.42			

Band 30 Ant 2 Hotspot on								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310 27710				
Frequency (MHz)								
10	QPSK	1	0		19.28		20.5	0
10	QPSK	1	25		19.21			
10	QPSK	1	49		19.00			
10	QPSK	25	0		19.18		20.5	0
10	QPSK	25	12		19.13			
10	QPSK	25	25		19.12			
10	QPSK	50	0		19.14		20.5	0
10	16QAM	1	0		19.22			
10	16QAM	1	25		19.26			
10	16QAM	1	49		19.10		20.5	0
10	16QAM	25	0		19.06			
10	16QAM	25	12		19.10			
10	16QAM	25	25		19.04		20.5	0
10	16QAM	50	0		19.04			
10	64QAM	1	0		19.24			
10	64QAM	1	25		19.09		20.5	0
10	64QAM	1	49		19.21			
10	64QAM	25	0		19.23			
10	64QAM	25	12		19.24		20.5	0
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.13			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.21	19.22	19.22	20.5	0
5	QPSK	1	12	19.05	19.12	19.06		
5	QPSK	1	24	18.94	18.99	18.92		
5	QPSK	12	0	18.96	18.89	18.96	20.5	0
5	QPSK	12	7	19.08	19.10	19.08		
5	QPSK	12	13	18.94	18.92	19.08		
5	QPSK	25	0	19.08	18.99	19.07	20.5	0
5	16QAM	1	0	19.13	19.15	19.01		
5	16QAM	1	12	19.22	19.12	19.20		
5	16QAM	1	24	19.04	19.03	19.06	20.5	0
5	16QAM	12	0	18.94	19.08	18.96		
5	16QAM	12	7	18.92	18.91	19.03		
5	16QAM	12	13	18.86	18.97	19.02	20.5	0
5	16QAM	25	0	18.85	18.89	19.01		
5	64QAM	1	0	19.07	19.15	19.03		
5	64QAM	1	12	19.00	18.94	19.02	20.5	0
5	64QAM	1	24	19.04	19.02	19.18		
5	64QAM	12	0	19.22	19.07	19.05		
5	64QAM	12	7	19.13	19.20	19.21	20.5	0
5	64QAM	12	13	18.92	18.90	19.01		
5	64QAM	25	0	18.99	19.05	18.97		

Band 66 Ant 1 Hotspot on								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.65	13.77	13.47	15	0
20	QPSK	1	49	13.56	13.62	13.55		
20	QPSK	1	99	13.53	13.62	13.69		
20	QPSK	50	0	13.59	13.74	13.57	15	0
20	QPSK	50	24	13.56	13.68	13.62		
20	QPSK	50	50	13.48	13.61	13.59		
20	QPSK	100	0	13.52	13.72	13.55	15	0
20	16QAM	1	0	13.39	13.68	13.51		
20	16QAM	1	49	13.34	13.58	13.45		
20	16QAM	1	99	13.40	13.45	13.38	15	0
20	16QAM	50	0	13.57	13.61	13.36		
20	16QAM	50	24	13.46	13.52	13.63		
20	16QAM	50	50	13.39	13.45	13.50	15	0
20	16QAM	100	0	13.33	13.54	13.45		
20	64QAM	1	0	13.41	13.68	13.44		
20	64QAM	1	49	13.41	13.47	13.44	15	0
20	64QAM	1	99	13.40	13.50	13.38		
20	64QAM	50	0	13.44	13.75	13.54		
20	64QAM	50	24	13.38	13.61	13.53	15	0
20	64QAM	50	50	13.39	13.51	13.59		
20	64QAM	100	0	13.41	13.69	13.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.56	13.74	13.56	15	0
15	QPSK	1	37	13.57	13.59	13.46		
15	QPSK	1	74	13.54	13.64	13.59		
15	QPSK	36	0	13.69	13.71	13.46	15	0
15	QPSK	36	20	13.57	13.67	13.58		
15	QPSK	36	39	13.47	13.68	13.68		
15	QPSK	75	0	13.55	13.70	13.48	15	0
15	16QAM	1	0	13.32	13.68	13.59		
15	16QAM	1	37	13.33	13.60	13.49		
15	16QAM	1	74	13.51	13.55	13.32	15	0
15	16QAM	36	0	13.69	13.70	13.43		
15	16QAM	36	20	13.56	13.46	13.38		
15	16QAM	36	39	13.34	13.40	13.61	15	0
15	16QAM	75	0	13.35	13.47	13.48		
15	64QAM	1	0	13.44	13.71	13.55		
15	64QAM	1	37	13.36	13.51	13.47	15	0
15	64QAM	1	74	13.34	13.56	13.37		
15	64QAM	36	0	13.40	13.71	13.51		
15	64QAM	36	20	13.41	13.50	13.53	15	0
15	64QAM	36	39	13.36	13.54	13.67		
15	64QAM	75	0	13.46	13.64	13.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.56	13.76	13.57	15	0
10	QPSK	1	25	13.50	13.68	13.52		
10	QPSK	1	49	13.42	13.60	13.66		
10	QPSK	25	0	13.60	13.67	13.59	15	0
10	QPSK	25	12	13.68	13.69	13.74		
10	QPSK	25	25	13.52	13.68	13.65		
10	QPSK	50	0	13.58	13.73	13.50	15	0
10	16QAM	1	0	13.41	13.61	13.48		
10	16QAM	1	25	13.23	13.59	13.40		
10	16QAM	1	49	13.34	13.42	13.33	15	0
10	16QAM	25	0	13.47	13.70	13.31		
10	16QAM	25	12	13.46	13.57	13.63		
10	16QAM	25	25	13.43	13.39	13.40	15	0
10	16QAM	50	0	13.44	13.46	13.38		
10	64QAM	1	0	13.52	13.74	13.51		
10	64QAM	1	25	13.27	13.48	13.54	15	0
10	64QAM	1	49	13.42	13.53	13.44		
10	64QAM	25	0	13.45	13.70	13.63		
10	64QAM	25	12	13.38	13.62	13.56	15	0
10	64QAM	25	25	13.49	13.55	13.59		
10	64QAM	50	0	13.38	13.62	13.53		
Channel				131987	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.57	13.73	13.45	15	0
5	QPSK	1	12	13.44	13.59	13.48		
5	QPSK	1	24	13.57	13.73	13.72		
5	QPSK	12	0	13.48	13.70	13.54	15	0
5	QPSK	12	7	13.58	13.69	13.59		
5	QPSK	12	13	13.59	13.64	13.68		
5	QPSK	25	0	13.61	13.76	13.61	15	0
5	16QAM	1	0	13.42	13.57	13.56		
5	16QAM	1	12	13.28	13.66	13.53		
5	16QAM	1	24	13.48	13.45	13.46	15	0
5	16QAM	12	0	13.68	13.56	13.46		
5	16QAM	12	7	13.35	13.51	13.53		
5	16QAM	12	13	13.31	13.48	13.55	15	0
5	16QAM	25	0	13.41	13.52	13.49		
5	64QAM	1	0	13.46	13.64	13.40		
5	64QAM	1	12	13.45	13.38	13.55	15	0
5	64QAM	1	24	13.52	13.44	13.40		
5	64QAM	12	0	13.34	13.72	13.62		
5	64QAM	12	7	13.36	13.53	13.63	15	0
5	64QAM	12	13	13.51	13.61	13.62		
5	64QAM	25	0	13.49	13.74	13.46		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.61	13.76	13.49	15	0
3	QPSK	1	8	13.60	13.59	13.52		
3	QPSK	1	14	13.64	13.72	13.76		
3	QPSK	8	0	13.66	13.73	13.58	15	0
3	QPSK	8	4	13.59	13.42	13.49		
3	QPSK	8	7	13.42	13.63	13.54		
3	QPSK	16	0	13.56	13.73	13.44	15	0
3	16QAM	1	0	13.39	13.75	13.56		
3	16QAM	1	8	13.45	13.69	13.38		
3	16QAM	1	14	13.49	13.46	13.40	15	0
3	16QAM	8	0	13.66	13.70	13.37		
3	16QAM	8	4	13.37	13.61	13.55		
3	16QAM	8	7	13.42	13.45	13.54	15	0
3	16QAM	16	0	13.42	13.49	13.55		
3	16QAM	1	0	13.32	13.70	13.36		
3	64QAM	1	8	13.33	13.49	13.55	15	0
3	64QAM	1	14	13.43	13.42	13.41		
3	64QAM	8	0	13.44	13.66	13.44		
3	64QAM	8	4	13.46	13.64	13.54	15	0
3	64QAM	8	7	13.50	13.40	13.71		
3	64QAM	15	0	13.52	13.64	13.43		
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.5	1745	1779.3		
1.4	QPSK	1	0	13.55	13.76	13.49	15	0
1.4	QPSK	1	3	13.55	13.53	13.47		
1.4	QPSK	3	0	13.55	13.56	13.72		
1.4	QPSK	3	1	13.63	13.57	13.63	15	0
1.4	QPSK	3	3	13.57	13.72	13.63		
1.4	QPSK	6	0	13.49	13.69	13.61		
1.4	16QAM	1	0	13.42	13.69	13.53	15	0
1.4	16QAM	1	3	13.35	13.53	13.41		
1.4	16QAM	1	5	13.48	13.43	13.38		
1.4	16QAM	3	0	13.60	13.73	13.31	15	0
1.4	16QAM	3	1	13.53	13.40	13.61		
1.4	16QAM	3	3	13.41	13.44	13.59		
1.4	16QAM	6	0	13.40	13.61	13.43	15	0
1.4	64QAM	1	0	13.53	13.62	13.35		
1.4	64QAM	1	3	13.31	13.45	13.34		
1.4	64QAM	1	5	13.44	13.41	13.30	15	0
1.4	64QAM	3	0	13.54	13.71	13.55		
1.4	64QAM	3	1	13.43	13.53	13.43		
1.4	64QAM	3	3	13.36	13.61	13.56	15	0
1.4	64QAM	6	0	13.31	13.63	13.46		

Band 2 Ant 1 Handheld on												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.38	19.50	19.33	20.5	0				
20	QPSK	1	49	19.14	19.34	19.26						
20	QPSK	1	99	19.26	19.18	19.23						
20	QPSK	50	0	19.22	19.42	19.31	20.5	0				
20	QPSK	50	24	19.19	19.36	19.41						
20	QPSK	50	50	19.29	19.25	19.27						
20	QPSK	100	0	19.18	19.33	19.22	20.5	0				
20	16QAM	1	0	19.39	19.41	19.15						
20	16QAM	1	49	19.11	19.17	19.22						
20	16QAM	1	99	19.05	19.12	19.23	20.5	0				
20	16QAM	50	0	19.16	19.20	19.30						
20	16QAM	50	24	19.06	19.39	19.29						
20	16QAM	50	50	19.11	19.09	19.37	20.5	0				
20	16QAM	100	0	19.17	19.15	19.27						
20	64QAM	1	0	19.22	19.26	19.21						
20	64QAM	1	49	19.14	19.21	19.20	20.5	0				
20	64QAM	1	99	19.09	19.09	19.11						
20	64QAM	50	0	19.04	19.18	19.42						
20	64QAM	50	24	19.12	19.36	19.39	20.5	0				
20	64QAM	50	50	19.07	19.13	19.22						
20	64QAM	100	0	19.04	19.15	19.12						
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.36	19.44	19.25	20.5	0				
15	QPSK	1	37	19.10	19.28	19.24						
15	QPSK	1	74	19.22	19.14	19.19						
15	QPSK	36	0	19.20	19.34	19.26	20.5	0				
15	QPSK	36	20	19.15	19.29	19.39						
15	QPSK	36	39	19.22	19.20	19.21						
15	QPSK	75	0	19.12	19.27	19.19	20.5	0				
15	16QAM	1	0	19.32	19.35	19.09						
15	16QAM	1	37	19.03	19.11	19.15						
15	16QAM	1	74	19.03	19.08	19.16	20.5	0				
15	16QAM	36	0	19.08	19.16	19.26						
15	16QAM	36	20	19.04	19.32	19.27						
15	16QAM	36	39	19.04	19.07	19.35	20.5	0				
15	16QAM	75	0	19.12	19.11	19.25						
15	64QAM	1	0	19.16	19.20	19.13						
15	64QAM	1	37	19.11	19.18	19.17	20.5	0				
15	64QAM	1	74	19.06	19.04	19.07						
15	64QAM	36	0	19.02	19.14	19.36						
15	64QAM	36	20	19.07	19.32	19.32	20.5	0				
15	64QAM	36	39	19.01	19.08	19.18						
15	64QAM	75	0	19.00	19.08	19.05						
Channel												
Frequency (MHz)												
10	QPSK	1	0	19.30	19.46	19.31	20.5	0				
10	QPSK	1	25	19.10	19.27	19.19						
10	QPSK	1	49	19.20	19.14	19.20						
10	QPSK	25	0	19.19	19.37	19.29	20.5	0				
10	QPSK	25	12	19.13	19.28	19.37						
10	QPSK	25	25	19.22	19.21	19.19						
10	QPSK	50	0	19.14	19.31	19.18	20.5	0				
10	16QAM	1	0	19.32	19.38	19.10						
10	16QAM	1	25	19.08	19.11	19.18						
10	16QAM	1	49	19.03	19.08	19.19	20.5	0				
10	16QAM	25	0	19.11	19.14	19.24						
10	16QAM	25	12	19.03	19.37	19.22						
10	16QAM	25	25	19.09	19.06	19.35	20.5	0				
10	16QAM	50	0	19.15	19.10	19.23						
10	64QAM	1	0	19.15	19.19	19.17						
10	64QAM	1	25	19.11	19.18	19.14	20.5	0				
10	64QAM	1	49	19.03	19.05	19.03						
10	64QAM	25	0	18.98	19.11	19.36						
10	64QAM	25	12	19.08	19.30	19.32	20.5	0				
10	64QAM	25	25	19.00	19.08	19.18						
10	64QAM	50	0	18.96	19.10	19.09						
Channel												
Frequency (MHz)												
5	QPSK	1	0	19.32	19.45	19.26	20.5	0				
5	QPSK	1	12	19.09	19.30	19.18						
5	QPSK	1	24	19.23	19.11	19.17						
5	QPSK	12	0	19.18	19.36	19.24	20.5	0				
5	QPSK	12	7	19.13	19.30	19.37						
5	QPSK	12	13	19.22	19.20	19.20						
5	QPSK	25	0	19.15	19.30	19.17	20.5	0				
5	16QAM	1	0	19.36	19.36	19.09						
5	16QAM	1	12	19.09	19.11	19.19						
5	16QAM	1	24	19.02	19.08	19.19	20.5	0				
5	16QAM	12	0	19.08	19.13	19.26						
5	16QAM	12	7	19.00	19.34	19.26						
5	16QAM	12	13	19.04	19.07	19.33	20.5	0				
5	16QAM	25	0	19.13	19.12	19.25						
5	64QAM	1	0	19.16	19.19	19.16						
5	64QAM	1	12	19.11	19.17	19.12	20.5	0				
5	64QAM	1	24	19.01	19.04	19.05						
5	64QAM	12	0	18.99	19.12	19.36						
5	64QAM	12	7	19.08	19.28	19.33	20.5	0				
5	64QAM	12	13	19.03	19.09	19.16						
5	64QAM	25	0	18.98	19.08	19.06						
Channel												
Frequency (MHz)												
3	QPSK	1	0	19.33	19.46	19.25	20.5	0				
3	QPSK	1	8	19.06	19.31	19.19						
3	QPSK	1	14	19.24	19.14	19.18						
3	QPSK	8	0	19.16	19.36	19.23	20.5	0				
3	QPSK	8	4	19.15	19.28	19.38						
3	QPSK	8	7	19.25	19.21	19.20						
3	QPSK	15	0	19.11	19.25	19.15	20.5	0				
3	16QAM	1	0	19.36	19.37	19.11						
3	16QAM	1	8	19.07	19.12	19.18						
3	16QAM	1	14	19.02	19.06	19.16	20.5	0				
3	16QAM	8	0	19.13	19.17	19.22						
3	16QAM	8	4	18.99	19.36	19.23						
3	16QAM	8	7	19.08	19.07	19.31	20.5	0				
3	16QAM	15	0	19.13	19.09	19.24						
3	64QAM	1	0	19.16	19.18	19.16						
3	64QAM	1	8	19.06	19.19	19.12	20.5	0				
3	64QAM	1	14	19.02	19.03	19.09						
3	64QAM	8	0	19.00	19.12	19.38						
3	64QAM	8	4	19.05	19.33	19.32	20.5	0				
3	64QAM	8	7	18.99	19.06	19.19						
3	64QAM	15	0	19.01	19.07	19.07						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	19.31	19.45	19.31	20.5	0				
1.4	QPSK	1	3	19.10	19.29	19.20						
1.4	QPSK	1	5	19.19	19.16	19.20						
1.4	QPSK	3	0	19.15	19.38	19.28	20.5	0				
1.4	QPSK	3	1	19.14	19.31	19.36						
1.4	QPSK	3	3	19.25	19.18	19.23						
1.4	QPSK	6	0	19.12	19.26	19.17	20.5	0				
1.4	16QAM	1	0	19.34	19.35	19.09						
1.4	16QAM	1	5	19.08	19.15	19.18						
1.4	16QAM	1	5	19.03	19.08	19.19	20.5	0				
1.4	16QAM	3	0	19.11	19.17	19.26						
1.4	16QAM	3	1	19.01	19.33	19.25						
1.4	16QAM	3	3	19.07	19.07	19.23	20.5	0				
1.4	16QAM	6	0	19.14	19.11	19.23						
1.4	16QAM	1	0	19.19	19.20	19.18						
1.4	64QAM	1	3	19.08	19.19	19.15	20.5	0				
1.4	64QAM	1	5	19.03	19.04	19.06						
1.4	64QAM	3	0	18.98	19.11	19.36						
1.4	64QAM	3	1	19.09	19.32	19.34						
1.4	64QAM	3	3	19.04	19.09	19.20						
1.4	64QAM	6	0	18.96	19.10	19.09	20.5	0				

Band 25 Ant 1 Handheld on										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				26140	26340	26590				
Frequency (MHz)				1860	1880	1905				
20	QPSK	1	0	19.29	19.54	19.49	20.5	0		
20	QPSK	1	49	19.35	19.43	19.41				
20	QPSK	1	99	19.27	19.37	19.35				
20	QPSK	50	0	19.31	19.44	19.36	20.5	0		
20	QPSK	50	24	19.31	19.43	19.41				
20	QPSK	50	50	19.32	19.27	19.24				
20	QPSK	100	0	19.30	19.31	19.27	20.5	0		
20	16QAM	1	0	19.21	19.36	19.47				
20	16QAM	1	49	19.36	19.42	19.32				
20	16QAM	1	99	19.18	19.34	19.36	20.5	0		
20	16QAM	50	0	19.09	19.42	19.25				
20	16QAM	50	24	19.13	19.39	19.25				
20	16QAM	50	50	19.20	19.26	19.17	20.5	0		
20	16QAM	100	0	19.09	19.13	19.25				
20	64QAM	1	0	19.18	19.35	19.42				
20	64QAM	1	49	19.18	19.45	19.28	20.5	0		
20	64QAM	1	99	19.22	19.38	19.18				
20	64QAM	50	0	19.21	19.26	19.14				
20	64QAM	50	24	19.30	19.34	19.42	20.5	0		
20	64QAM	50	50	19.19	19.17	19.12				
20	64QAM	100	0	19.28	19.18	19.25				
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1907.5				
15	QPSK	1	0	19.16	19.49	19.37	20.5	0		
15	QPSK	1	37	19.24	19.24	19.28				
15	QPSK	1	74	19.17	19.30	19.28				
15	QPSK	36	0	19.21	19.41	19.16	20.5	0		
15	QPSK	36	20	19.24	19.39	19.28				
15	QPSK	36	39	19.18	19.14	19.23				
15	QPSK	75	0	19.24	19.32	19.15	20.5	0		
15	16QAM	1	0	19.14	19.31	19.39				
15	16QAM	1	37	19.14	19.29	19.25				
15	16QAM	1	74	19.19	19.13	19.31	20.5	0		
15	16QAM	36	0	19.09	19.34	19.04				
15	16QAM	36	20	19.08	19.33	19.03				
15	16QAM	36	39	19.00	19.06	19.04	20.5	0		
15	16QAM	75	0	19.02	19.11	19.20				
15	64QAM	1	0	19.01	19.30	19.28				
15	64QAM	1	37	19.12	19.33	19.14	20.5	0		
15	64QAM	1	74	19.08	19.17	19.10				
15	64QAM	36	0	19.09	19.28	19.04				
15	64QAM	36	20	19.11	19.13	19.29	20.5	0		
15	64QAM	36	39	19.11	18.99	19.00				
15	64QAM	75	0	19.26	19.05	19.20				
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1910				
10	QPSK	1	0	19.11	19.50	19.37	20.5	0		
10	QPSK	1	25	19.22	19.40	19.26				
10	QPSK	1	49	19.24	19.24	19.33				
10	QPSK	25	0	19.10	19.29	19.31	20.5	0		
10	QPSK	25	12	19.33	19.39	19.34				
10	QPSK	25	25	19.31	19.17	19.17				
10	QPSK	50	0	19.23	19.12	19.15	20.5	0		
10	16QAM	1	0	19.18	19.25	19.12				
10	16QAM	1	25	19.24	19.31	19.12				
10	16QAM	1	49	18.97	19.19	19.30	20.5	0		
10	16QAM	25	0	18.99	19.33	19.15				
10	16QAM	25	12	18.96	19.23	19.24				
10	16QAM	25	25	19.11	19.04	19.11	20.5	0		
10	16QAM	50	0	18.94	19.13	19.12				
10	64QAM	1	0	18.97	19.36	19.28				
10	64QAM	1	25	19.15	19.24	19.28	20.5	0		
10	64QAM	1	49	19.03	19.19	19.19				
10	64QAM	25	0	19.23	19.28	18.92				
10	64QAM	25	12	19.27	19.26	19.22	20.5	0		
10	64QAM	25	25	19.12	19.14	19.00				
10	64QAM	50	0	19.26	19.07	19.23				
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1912.5				
5	QPSK	1	0	19.24	19.45	19.35	20.5	0		
5	QPSK	1	12	19.33	19.38	19.40				
5	QPSK	1	24	19.21	19.36	19.23				
5	QPSK	12	0	19.15	19.45	19.38	20.5	0		
5	QPSK	12	7	19.29	19.35	19.34				
5	QPSK	12	13	19.22	19.17	19.15				
5	QPSK	25	0	19.19	19.17	19.07	20.5	0		
5	16QAM	1	0	19.15	19.17	19.31				
5	16QAM	1	12	19.20	19.30	19.12				
5	16QAM	1	24	19.10	19.20	19.17	20.5	0		
5	16QAM	12	0	18.92	19.27	19.13				
5	16QAM	12	7	19.04	19.18	19.13				
5	16QAM	12	13	19.07	19.11	19.00	20.5	0		
5	16QAM	25	0	19.04	18.93	19.26				
5	64QAM	1	0	19.04	19.25	19.24				
5	64QAM	1	12	19.00	19.36	19.06	20.5	0		
5	64QAM	1	24	19.08	19.35	19.04				
5	64QAM	12	0	19.12	19.27	19.10				
5	64QAM	12	7	19.28	19.27	19.35	20.5	0		
5	64QAM	12	13	19.01	19.15	18.99				
5	64QAM	25	0	19.08	19.05	19.27				
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1913.5				
3	QPSK	1	0	19.26	19.50	19.45	20.5	0		
3	QPSK	1	8	19.22	19.42	19.32				
3	QPSK	1	14	19.11	19.36	19.21				
3	QPSK	8	0	19.17	19.29	19.37	20.5	0		
3	QPSK	8	4	19.30	19.43	19.23				
3	QPSK	8	7	19.15	19.12	19.25				
3	QPSK	15	0	19.12	19.20	19.05	20.5	0		
3	16QAM	1	0	19.15	19.39	19.44				
3	16QAM	1	8	19.37	19.23	19.21				
3	16QAM	1	14	19.16	19.13	19.20	20.5	0		
3	16QAM	8	0	19.00	19.33	19.24				
3	16QAM	8	4	19.07	19.22	19.21				
3	16QAM	8	7	19.01	19.16	19.18	20.5	0		
3	16QAM	15	0	18.94	19.10	19.10				
3	64QAM	1	0	18.99	19.35	19.21				
3	64QAM	1	8	18.99	19.29	19.15	20.5	0		
3	64QAM	1	14	19.04	19.34	19.05				
3	64QAM	8	0	19.03	19.34	19.10				
3	64QAM	8	4	19.24	19.18	19.36	20.5	0		
3	64QAM	8	7	19.14	19.12	19.06				
3	64QAM	15	0	19.14	18.99	19.08				
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1914.3				
1.4	QPSK	1	0	19.28	19.47	19.28	20.5	0		
1.4	QPSK	1	3	19.31	19.35	19.31				
1.4	QPSK	1	5	19.17	19.36	19.33				
1.4	QPSK	3	0	19.21	19.23	19.23	20.5	0		
1.4	QPSK	3	1	19.13	19.34	19.30				
1.4	QPSK	3	3	19.28	19.25	19.24				
1.4	QPSK	6	0	19.27	19.27	19.02	20.5	0		
1.4	16QAM	1	0	19.15	19.30	19.35				
1.4	16QAM	3	0	19.34	19.41	19.10				
1.4	16QAM	1	5	19.07	19.32	19.21	20.5	0		
1.4	16QAM	3	0	19.08	19.32	19.14				
1.4	16QAM	3	1	19.04	19.26	19.25				
1.4	16QAM	3	3	18.99	19.24	19.14	20.5	0		
1.4	16QAM	6	0	19.02	19.26	19.20				
1.4	64QAM	1	0	19.10	19.22	19.16				
1.4	64QAM	1	3	19.15	19.35	19.36	20.5	0		
1.4	64QAM	1	5	19.17	19.32	19.06				
1.4	64QAM	3	0	19.22	19.12	18.97				
1.4	64QAM	3	1	19.20	19.28	19.39	20.5	0		
1.4	64QAM	3	3	19.17	19.12	18.96				
1.4	64QAM	6	0	19.28	19.23	19.10				



Band 41 Ant 2 Sensor on											
RFV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Low Middle Ch. Freq.	Power Middle Ch. Freq.	Power High Middle Ch. Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MPSR (dB)	
Channel											
Frequency (MHz)				2065	20165	40020	41095	41695			
26	QPSK	1	0	18.11	17.91	18.20	17.95	17.77			
26	QPSK	1	49	18.11	18.07	18.12	17.77	17.79	19.5	0	
26	QPSK	50	0	18.01	18.05	18.08	17.85	17.74			
26	QPSK	50	24	18.05	18.06	18.08	17.87	17.72			
26	QPSK	50	50	17.92	17.92	17.91	17.72	17.75			
26	QPSK	100	0	17.96	17.88	18.18	17.87	17.82			
26	16QAM	1	0	17.97	17.96	17.73	17.78	17.77			
26	16QAM	1	49	17.91	17.93	17.58	17.78	17.80	19.5	0	
26	16QAM	1	99	18.02	18.06	17.79	17.83	17.81			
26	16QAM	50	0	18.07	18.16	17.82	17.70	17.89			
26	16QAM	50	24	18.04	18.04	17.82	17.72	17.80			
26	16QAM	50	50	17.91	18.02	17.72	17.70	17.92	19.5	0	
26	16QAM	100	0	18.03	17.95	17.80	17.82	17.82			
26	16QAM	1	49	18.16	18.16	17.97	17.85	17.82			
26	16QAM	1	49	17.92	17.94	17.86	17.81	17.72	19.5	0	
26	16QAM	1	99	17.89	18.18	17.84	17.87	17.91			
26	16QAM	50	0	18.03	17.96	18.00	17.75	17.89			
26	16QAM	50	24	17.94	17.99	17.86	17.87	17.87	19.5	0	
26	16QAM	50	50	18.08	17.99	17.82	17.82	17.92			
26	16QAM	100	0	18.07	17.93	17.83	17.78	17.83			
Channel											
Frequency (MHz)				2015	2543.8	2593	2637.8	2682.5	Turn-up limit (dBm)	MPSR (dB)	
19	QPSK	1	0	17.95	17.99	17.87	17.72	17.87			
19	QPSK	1	37	17.84	17.84	17.86	17.82	17.88			
19	QPSK	1	74	17.84	17.82	17.96	17.82	17.84			
19	QPSK	36	0	17.85	17.97	18.04	17.78	17.83			
19	QPSK	36	20	17.79	17.93	17.83	17.78	17.85	19.5	0	
19	QPSK	36	36	17.91	17.90	17.65	17.69	17.82			
19	QPSK	75	0	17.82	18.01	17.65	17.66	17.77			
19	16QAM	1	0	17.93	17.92	17.73	17.72	17.88			
19	16QAM	1	37	17.82	18.02	17.89	17.82	17.66			
19	16QAM	1	74	18.08	18.03	17.80	17.58	17.88			
19	16QAM	36	0	17.94	18.02	17.77	17.76	17.88			
19	16QAM	36	20	17.84	17.91	17.69	17.72	17.89	19.5	0	
19	16QAM	36	36	17.84	18.04	17.62	17.74	17.81			
19	16QAM	75	0	17.81	17.94	17.70	17.62	17.68			
19	16QAM	1	37	17.84	17.84	17.66	17.64	17.64			
19	16QAM	1	74	17.81	17.83	17.71	17.70	17.89	19.5	0	
19	16QAM	1	37	18.07	17.97	17.72	17.70	17.71			
19	16QAM	36	0	17.86	17.84	17.77	17.72	17.82			
19	16QAM	36	20	17.79	17.87	17.91	17.84	17.66	19.5	0	
19	16QAM	36	36	17.83	17.92	17.70	17.71	17.77			
19	16QAM	75	0	17.86	17.85	17.72	17.72	17.82			
Channel											
Frequency (MHz)				36978	40148	40620	41095	41695	Turn-up limit (dBm)	MPSR (dB)	
5	QPSK	1	0	17.85	17.83	17.93	17.80	17.84			
5	QPSK	1	12	18.01	18.01	17.98	17.88	17.85	19.5	0	
5	QPSK	1	49	17.93	17.85	18.04	17.72	17.84			
5	QPSK	25	0	17.78	17.83	17.88	17.78	17.89			
5	QPSK	25	12	17.86	17.83	17.97	17.83	17.91			
5	QPSK	25	25	17.84	17.84	17.61	17.69	17.65			
5	QPSK	50	0	17.96	18.02	17.65	17.57	17.69			
5	QPSK	50	12	17.89	17.88	17.66	17.73	17.73			
5	16QAM	1	25	17.96	18.06	17.66	17.73	17.89			
5	16QAM	1	49	17.83	17.86	17.83	17.65	17.72			
5	16QAM	25	0	18.01	17.87	17.76	17.76	17.84			
5	16QAM	25	12	17.84	18.09	17.65	17.61	17.79			
5	16QAM	25	25	18.05	17.90	17.90	17.60	17.74			
5	16QAM	50	0	18.05	17.99	17.75	17.63	17.89			
5	16QAM	50	12	17.92	17.99	17.83	17.56	17.82			
5	16QAM	50	25	17.83	18.07	17.67	17.67	17.83			
5	16QAM	25	0	18.05	17.99	17.84	17.63	17.80			
5	16QAM	25	12	18.07	17.81	17.86	17.81	17.74	19.5	0	
5	16QAM	25	25	17.91	17.90	17.77	17.77	17.88			
5	16QAM	50	0	17.79	17.98	17.64	17.72	17.70			
Channel											
Frequency (MHz)				36978	40148	40620	41095	41695	Turn-up limit (dBm)	MPSR (dB)	
5	QPSK	1	0	17.85	17.83	17.93	17.80	17.84			
5	QPSK	1	12	18.01	18.01	17.98	17.88	17.85	19.5	0	
5	QPSK	1	24	17.97	17.90	17.88	17.80	17.84			
5	QPSK	12	0	17.78	17.81	17.87	17.74	17.81			
5	QPSK	12	7	17.81	18.05	18.04	17.75	17.79			
5	QPSK	12	13	17.80	17.92	17.76	17.80	17.80			
5	QPSK	25	0	18.04	18.06	17.88	17.68	17.88			
5	16QAM	1	0	17.94	18.05	17.84	17.70	17.80			
5	16QAM	1	12	17.95	18.00	17.83	17.60	17.65	19.5	0	
5	16QAM	1	24	17.92	18.03	17.88	17.82	17.85			
5	16QAM	12	0	17.82	18.02	17.82	17.67	17.87			
5	16QAM	12	7	18.04	18.02	17.77	17.80	17.72			
5	16QAM	12	13	18.06	17.80	17.86	17.67	17.86			
5	16QAM	25	0	17.90	17.96	17.68	17.66	17.82			
5	16QAM	1	0	17.80	17.86	17.90	17.63	17.74			
5	16QAM	1	12	18.08	17.87	17.80	17.69	17.88	19.5	0	
5	16QAM	1	24	17.82	18.04	17.74	17.74	17.84			
5	16QAM	12	0	17.87	17.95	17.62	17.60	17.74			
5	16QAM	12	7	17.82	17.95	17.61	17.65	17.61			
5	16QAM	12	13	17.84	17.75	17.74	17.74	17.80			
5	16QAM	25	0	17.88	17.81	17.73	17.67	17.80			

Band 41 Ant 2 HPUE Sensor on											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Low Mid Ch (Freq)	Power Mid Ch (Freq)	Power High Mid Ch (Freq)	Power High Ch (Freq)	Time-up Inst (dBfs)	MPR (dB)	
Channel											
Frequency (MHz)				3000	3005	3010	3015	3020	Time-up Inst (dBfs)	MPR (dB)	
20	QPSK	1	0	21.24	21.20	21.33	21.13	21.07			
20	QPSK	1	48	21.21	21.25	21.21	21.08	21.08			
20	QPSK	1	96	21.22	21.22	21.19	21.07	21.07	22.5	0	
20	QPSK	50	0	21.11	21.09	21.23	21.05	20.98			
20	QPSK	50	24	21.21	21.19	21.19	21.00	20.93			
20	QPSK	50	24	21.21	21.20	21.09	21.00	20.98	22.5	0	
20	QPSK	100	0	21.23	21.04	21.26	21.01	20.98			
20	16QAM	1	0	21.08	21.06	21.02	21.06	20.99			
20	16QAM	1	21	21.21	21.21	21.03	21.01	20.98	22.5	0	
20	16QAM	1	99	21.11	21.11	21.22	20.93	20.95			
20	16QAM	50	0	21.18	21.04	21.17	21.06	20.92			
20	16QAM	50	24	21.21	21.21	21.03	21.01	20.98			
20	16QAM	50	60	21.21	21.10	21.22	20.97	20.91	22.5	0	
20	16QAM	100	0	21.30	21.08	21.07	20.99	20.98			
20	64QAM	1	0	21.25	21.25	21.09	21.07	21.05			
20	64QAM	1	48	21.16	21.08	21.10	20.99	21.06	22.5	0	
20	64QAM	1	99	21.10	21.05	21.01	20.97	20.93			
20	64QAM	50	0	21.21	20.99	20.98	20.92	21.06			
20	64QAM	50	24	21.13	21.13	21.22	20.93	20.93			
20	64QAM	50	50	21.26	21.07	21.13	21.04	20.99	22.5	0	
20	64QAM	100	0	21.06	21.14	20.99	20.84	21.03			
Channel											
Frequency (MHz)				250.5	254.5	259.5	263.5	268.5	Time-up Inst (dBfs)	MPR (dB)	
15	QPSK	1	0	21.18	21.14	21.11	21.00	21.00			
15	QPSK	1	37	21.15	21.12	21.09	20.91	20.91	22.5	0	
15	QPSK	1	74	21.05	21.16	21.16	20.94	21.02			
15	QPSK	36	0	21.00	21.07	21.02	20.83	20.94			
15	QPSK	36	20	21.15	21.11	21.14	20.91	20.91	22.5	0	
15	QPSK	36	99	21.03	20.99	21.09	21.01	20.81			
15	QPSK	75	0	21.03	20.97	21.03	20.86	20.75			
15	QPSK	75	20	21.06	20.97	21.03	20.87	20.77			
15	QPSK	1	37	21.02	20.96	21.03	20.95	20.88	22.5	0	
15	16QAM	1	74	21.07	20.91	21.00	20.79	20.73			
15	16QAM	36	0	21.03	20.92	20.97	20.86	20.89			
15	16QAM	36	20	21.04	21.01	20.96	20.82	20.84	22.5	0	
15	16QAM	36	99	21.02	20.92	21.20	20.91	20.81			
15	16QAM	75	0	21.15	21.06	20.90	20.84	20.87			
15	16QAM	75	20	21.06	20.93	21.10	20.83	20.82			
15	64QAM	1	37	21.10	21.02	20.88	20.87	20.90	22.5	0	
15	64QAM	1	74	20.94	20.91	20.81	20.62	20.81			
15	64QAM	36	0	21.05	20.97	21.03	20.87	20.86			
15	64QAM	36	20	21.06	20.96	21.16	20.88	20.89			
15	64QAM	36	99	21.15	20.87	21.03	20.62	20.66	22.5	0	
15	64QAM	75	0	21.24	21.07	21.07	20.97	20.95			
Channel											
Frequency (MHz)				3000	3010	3020	4100	4150	Time-up Inst (dBfs)	MPR (dB)	
20	QPSK	1	0	21.01	21.01	21.02	21.19	21.02			
20	QPSK	1	48	21.11	21.02	20.98	21.02	20.86	22.5	0	
20	QPSK	1	25	21.06	21.08	21.01	21.06	20.99			
20	QPSK	25	0	21.04	20.89	21.08	20.89	20.86			
20	QPSK	25	12	21.06	21.18	21.00	20.90	20.87	22.5	0	
20	QPSK	25	25	20.86	21.17	20.93	20.82	20.84			
20	QPSK	50	0	21.00	21.00	21.04	20.98	20.81			
20	QPSK	50	12	21.05	20.97	20.96	20.79	20.71			
20	16QAM	1	25	21.05	21.02	20.85	20.87	20.74	22.5	0	
20	16QAM	1	48	20.97	20.98	21.11	20.79	20.88			
20	16QAM	25	0	21.15	21.07	21.07	20.90	20.82			
20	16QAM	25	12	20.95	21.08	20.89	20.82	20.54	22.5	0	
20	16QAM	25	25	21.12	20.96	21.02	20.83	20.75			
20	16QAM	50	0	21.15	21.06	20.91	20.81	20.80			
20	16QAM	50	1	21.11	21.06	20.95	20.89	20.80			
20	16QAM	1	25	21.12	21.04	20.88	20.79	20.83	22.5	0	
20	16QAM	1	48	20.99	20.97	20.87	20.79	20.83			
20	16QAM	25	0	21.14	20.85	20.94	20.85	20.90			
20	16QAM	25	12	21.10	20.88	21.21	20.88	20.94	22.5	0	
20	16QAM	25	25	20.81	20.97	21.00	21.03	20.87			
20	64QAM	50	0	21.06	20.93	20.78	20.69	20.83			
Channel											
Frequency (MHz)				3067.5	4014.8	40620	41093	41565	Time-up Inst (dBfs)	MPR (dB)	
5	QPSK	1	0	21.25	21.13	21.12	21.02	21.00			
5	QPSK	1	12	21.16	21.01	21.15	20.94	20.84	22.5	0	
5	QPSK	1	24	21.18	21.09	20.99	20.85	20.95			
5	QPSK	12	0	21.21	21.11	21.10	21.00	21.00			
5	QPSK	12	7	21.09	21.09	21.00	21.05	20.92	22.5	0	
5	QPSK	12	13	20.87	20.98	20.91	20.88	20.84			
5	QPSK	25	0	21.22	21.12	21.19	21.09	21.09			
5	16QAM	1	0	20.88	20.87	20.89	20.89	20.90			
5	16QAM	1	12	20.99	21.06	20.90	20.88	20.87	22.5	0	
5	16QAM	1	24	20.81	21.10	21.18	20.89	20.92			
5	16QAM	12	0	20.91	20.92	20.93	20.89	20.89			
5	16QAM	12	7	21.07	21.16	20.92	20.83	20.92	22.5	0	
5	16QAM	12	13	20.81	21.09	21.15	20.81	20.81			
5	16QAM	25	0	21.15	21.04	20.85	20.85	20.75			
5	64QAM	1	0	21.17	20.82	21.01	20.79	20.89	22.5	0	
5	64QAM	1	12	20.94	20.89	21.09	20.81	20.93			
5	64QAM	1	24	21.10	20.91	20.81	20.69	20.83			
5	64QAM	12	0	21.08	20.96	20.96	20.80	20.83			
5	64QAM	12	7	20.88	21.02	21.19	20.84	20.97	22.5	0	
5	64QAM	12	13	21.15	20.92	21.10	20.80	20.87			
5	64QAM	25	0	20.99	21.02	20.85	20.68	20.98			

Band 38 Ant 2 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Frac]	Power Middle Co. [Frac]	Power High Co. [Frac]	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	0	18.84	18.91	18.74	20	0
20	QPSK	1	49	18.81	18.82	18.82		
20	QPSK	1	99	18.87	18.69	18.81	20	0
20	QPSK	50	0	18.72	18.53	18.66		
20	QPSK	50	24	18.78	18.82	18.65	20	0
20	QPSK	50	50	18.81	18.81	18.70		
20	QPSK	100	0	18.64	18.75	18.70	20	0
20	16QAM	1	0	18.86	18.81	18.84		
20	16QAM	1	49	18.78	18.89	18.58	20	0
20	16QAM	1	99	18.78	18.68	18.80		
20	16QAM	50	0	18.50	18.66	18.63	20	0
20	16QAM	50	24	18.72	18.50	18.69		
20	16QAM	50	50	18.70	18.68	18.66	20	0
20	16QAM	100	0	18.83	18.70	18.62		
20	64QAM	1	0	18.86	18.70	18.67	20	0
20	64QAM	1	49	18.98	18.71	18.87		
20	64QAM	1	99	18.82	18.68	18.80	20	0
20	64QAM	50	0	18.50	18.74	18.74		
20	64QAM	50	24	18.47	18.65	18.63	20	0
20	64QAM	50	50	18.59	18.80	18.90		
20	64QAM	100	0	18.83	18.78	18.79	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
15	QPSK	1	0	18.67	18.76	18.55	20	0
15	QPSK	1	37	18.70	18.63	18.67		
15	QPSK	1	74	18.71	18.59	18.66	20	0
15	QPSK	36	0	18.62	18.66	18.52		
15	QPSK	36	20	18.64	18.62	18.45	20	0
15	QPSK	36	36	18.68	18.67	18.80		
15	QPSK	75	0	18.55	18.62	18.59	20	0
15	16QAM	1	0	18.70	18.62	18.65		
15	16QAM	1	37	18.68	18.63	18.59	20	0
15	16QAM	1	74	18.58	18.54	18.67		
15	16QAM	36	0	18.30	18.69	18.44	20	0
15	16QAM	36	20	18.36	18.60	18.70		
15	16QAM	36	39	18.37	18.50	18.48	20	0
15	16QAM	75	0	18.73	18.55	18.44		
15	64QAM	1	0	18.70	18.79	18.76	20	0
15	64QAM	1	37	18.45	18.55	18.73		
15	64QAM	1	74	18.67	18.56	18.66	20	0
15	64QAM	36	0	18.74	18.59	18.60		
15	64QAM	36	20	18.74	18.67	18.60	20	0
15	64QAM	36	39	18.42	18.66	18.50		
15	64QAM	75	0	18.67	18.62	18.61	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
10	QPSK	1	0	18.66	18.79	18.58	20	0
10	QPSK	1	25	18.63	18.64	18.70		
10	QPSK	1	49	18.08	18.50	18.62	20	0
10	QPSK	25	0	18.62	18.68	18.47		
10	QPSK	25	12	18.62	18.67	18.52	20	0
10	QPSK	25	25	18.64	18.67	18.60		
10	QPSK	50	0	18.44	18.63	18.55	20	0
10	16QAM	1	0	18.67	18.68	18.65		
10	16QAM	1	25	18.63	18.69	18.42	20	0
10	16QAM	1	49	18.60	18.54	18.65		
10	16QAM	25	0	18.40	18.70	18.50	20	0
10	16QAM	25	12	18.60	18.79	18.76		
10	16QAM	25	25	18.59	18.49	18.47	20	0
10	16QAM	50	0	18.72	18.55	18.50		
10	64QAM	1	0	18.41	18.50	18.54	20	0
10	64QAM	1	25	18.46	18.57	18.74		
10	64QAM	1	49	18.63	18.53	18.64	20	0
10	64QAM	25	0	18.81	18.59	18.64		
10	64QAM	25	12	18.48	18.60	18.62	20	0
10	64QAM	25	25	18.44	18.69	18.75		
10	64QAM	50	0	18.66	18.61	18.69	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
5	QPSK	1	0	18.68	18.73	18.57	20	0
5	QPSK	1	12	18.62	18.67	18.71		
5	QPSK	1	24	18.68	18.52	18.72	20	0
5	QPSK	12	0	18.06	18.64	18.49		
5	QPSK	12	7	18.64	18.71	18.53	20	0
5	QPSK	12	13	18.70	18.68	18.50		
5	QPSK	25	0	18.49	18.66	18.58	20	0
5	16QAM	1	0	18.70	18.62	18.69		
5	16QAM	1	12	18.65	18.76	18.36	20	0
5	16QAM	1	24	18.67	18.53	18.69		
5	16QAM	12	0	18.32	18.73	18.51	20	0
5	16QAM	12	7	18.60	18.50	18.78		
5	16QAM	12	13	18.54	18.51	18.57	20	0
5	16QAM	25	0	18.69	18.54	18.50		
5	64QAM	1	0	18.37	18.56	18.52	20	0
5	64QAM	1	12	18.49	18.57	18.67		
5	64QAM	1	24	18.72	18.57	18.69	20	0
5	64QAM	12	0	18.77	18.56	18.58		
5	64QAM	12	7	18.34	18.48	18.50	20	0
5	64QAM	12	13	18.45	18.61	18.71		
5	64QAM	25	0	18.72	18.64	18.69	Tune-up limit (dBm)	MPR (dB)

Band 41 Ant 2 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Frac]	Power Low Middle Co. [Frac]	Power High Middle Co. [Frac]	Power High Co. [Frac]	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	18.58	18.53	18.84	18.55	18	0
			49	18.49	18.52	18.79	18.48		
20	QPSK	1	99	18.56	18.53	18.81	18.45	18	0
			50	18.66	18.74	18.79	18.50		
20	QPSK	50	24	18.55	18.69	18.48	18.59	18	0
			50	18.51	18.39	18.60	18.42		
20	QPSK	100	0	18.48	18.52	18.78	18.55	18	0
			50	18.68	18.62	18.42	18.34		
20	16QAM	50	24	18.61	18.56	18.38	18.52	18	0
			50	18.52	18.69	18.44	18.35		
20	16QAM	100	0	18.59	18.60	18.28	18.18	18	0
			50	18.68	18.42	18.35	18.51		
20	64QAM	1	0	18.60	18.54	18.47	18.37	18	0
			49	18.49	18.66	18.52	18.39		
20	64QAM	1	99	18.41	18.78	18.40	18.33	18	0
			50	18.78	18.36	18.50	18.41		
20	64QAM	50	24	18.62	18.47	18.43	18.40	18	0
			50	18.68	18.42	18.35	18.51		
20	64QAM	100	0	18.77	18.45	18.56	18.37	18	0
			50	18.68	18.42	18.35	18.51		
Channel									
Frequency (MHz)									
15	QPSK	1	0	18.62	18.38	18.56	18.55	18.00	0
15	QPSK	1	37	18.39	18.54	18.55	18.34		
15	QPSK	1	74	18.30	18.58	18.64	18.27	18	0
15	QPSK	36	0	18.56	18.52	18.53	18.39		
15	QPSK	36	20	18.67	18.54	18.52	18.28	18	0
15	QPSK	36	36	18.46	18.66	18.54	18.20		
15	QPSK	75	0	18.46	18.58	18.35	18.36	18	0
15	16QAM	1	0	18.58	18.55	18.33	18.24		
15	16QAM	1	37	18.48	18.48	18.51	18.44	18	0
15	16QAM	1	74	18.63	18.55	18.38	18.32		
15	16QAM	36	0	18.67	18.69	18.24	18.38	18	0
15	16QAM	36	20	18.59	18.40	18.47	18.29		
15	16QAM	36	39	18.33	18.63	18.20	18.33	18	0
15	16QAM	75	0	18.57	18.36	18.39	18.34		
15	64QAM	1	0	18.78	18.73	18.45	18.41	18	0
15	64QAM	1	37	18.43	18.34	18.42	18.43		
15	64QAM	1	74	18.43	18.57	18.42	18.33	18	0
15	64QAM	36	0	18.52	18.52	18.64	18.38		
15	64QAM	36	20	18.51	18.58	18.41	18.35	18	0
15	64QAM	36	39	18.62	18.43	18.30	18.32		
15	64QAM	75	0	18.48	18.49	18.45	18.26	18	0
15	64QAM	100	0	18.60	18.30	18.50	18.30		
Channel									
Frequency (MHz)									
20	QPSK	1	0	18.41	18.47	18.93	18.93	18.00	0
			49	18.72	18.54	18.72	18.60		
20	QPSK	1	25	18.48	18.58	18.55	18.55	18	0
			50	18.52	18.44	18.66	18.36		
20	QPSK	25	0	18.65	18.52	18.41	18.45	18	0
			25	18.68	18.59	18.47	18.47		
20	QPSK	50	25	18.39	18.56	18.35	18.19	18	0
			50	18.53	18.58	18.43	18.22		
20	16QAM	1	0	18.58	18.52	18.31	18.25	18	0
			25	18.37	18.50	18.45	18.30		
20	16QAM	1	49	18.47	18.66	18.24	18.42	18	0
			25	18.68	18.53	18.38	18.26		
20	16QAM	1	74	18.77	18.68	18.39	18.40	18	0
			50	18.32	18.55	18.42	18.35		
20	16QAM	50	0	18.68	18.46	18.43	18.23	18	0
			25	18.69	18.47	18.42	18.31		
20	64QAM	1	25	18.34	18.52	18.30	18.21	18	0
			50	18.48	18.61	18.48	18.47		
20	64QAM	1	49	18.44	18.42	18.62	18.28	18	0
			25	18.44	18.42	18.62	18.28		
20	64QAM	25	12	18.65	18.59	18.44	18.49	18	0
			25	18.65	18.43	18.44	18.41		
20	64QAM	50	0	18.73	18.51	18.38	18.36	18	0
			25	18.60	18.48	18.30	18.36		
Channel									
Frequency (MHz)									
15	QPSK	1	0	18.71	18.27	18.74	18.37	18.00	0
			12	18.62	18.68	18.70	18.44		
15	QPSK	1	24	18.63	18.67	18.62	18.44	18	0
			12	18.67	18.65	18.40	18.24		
15	QPSK	12	0	18.53	18.48	18.59	18.31	18	0
			12	18.57	18.47	18.52	18.29		
15	QPSK	25	0	18.44	18.66	18.41	18.30	18	0
			12	18.60	18.38	18.38	18.36		
15	16QAM	1	12	18.39	18.53	18.46	18.20	18	0
			12	18.63	18.41	18.28	18.33		
15	16QAM	12	0	18.57	18.51	18.37	18.53	18	0
			12	18.70	18.78	18.54	18.36		
15	16QAM	12	13	18.55	18.58	18.68	18.48	18	0
			12	18.71	18.56	18.44	18.46		
15	64QAM	1	0	18.59	18.70	18.40	18.33	18	0
			12	18.35	18.47	18.31	18.65		
15	64QAM	1	24	18.38	18.67	18.33	18.65	18	0
			12	18.56	18.56	18.20	18.28		
15	64QAM	12	0	18.40	18.44	18.38	18.36	18	0
			12	18.58	18.39	18.46	18.38		
15	64QAM	12	13	18.71	18.60	18.37	18.35	18	0
			12	18.68	18.56	18.20	18.28		

Band 41 Ant 2 Handheld on											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	21.17	21.20	21.30	21.13	20.91	22.5	0	
20	QPSK	1	49	21.07	21.22	21.10	21.22	21.00			
20	QPSK	1	99	20.96	21.28	20.93	20.84	20.87			
20	QPSK	50	0	20.89	21.16	21.26	21.07	20.89			
20	QPSK	50	24	21.11	21.23	21.21	21.15	21.25	22.5	0	
20	QPSK	50	50	21.01	21.22	21.23	20.96	21.04			
20	QPSK	100	0	21.09	20.95	21.21	20.81	21.14			
20	16QAM	1	0	20.78	21.02	21.13	21.01	20.99			
20	16QAM	1	49	21.24	21.10	21.13	20.99	21.13	22.5	0	
20	16QAM	1	99	21.23	21.20	21.09	21.03	21.02			
20	16QAM	50	0	20.07	20.14	20.42	20.06	20.09			
20	16QAM	50	24	20.05	20.10	20.22	20.11	20.06			
20	16QAM	50	50	20.10	19.93	20.07	20.04	19.97	21.5	1	
20	16QAM	100	0	20.05	20.08	20.19	19.91	20.29			
20	64QAM	1	0	19.76	19.78	19.98	19.82	19.89			
20	64QAM	1	49	19.69	20.14	20.12	19.95	19.95			
20	64QAM	1	99	19.92	19.79	19.90	20.02	19.82	21.5	1	
20	64QAM	50	0	18.88	19.30	19.18	18.98	19.04			
20	64QAM	50	24	19.22	19.22	19.16	19.31	19.15			
20	64QAM	50	50	18.98	19.31	19.22	18.89	19.01			
20	64QAM	100	0	19.16	18.82	19.24	19.01	18.98	20.5	2	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5			
15	QPSK	1	0	21.00	20.99	21.04	20.90	20.76	22.50	0	
15	QPSK	1	37	20.89	21.07	20.98	21.11	20.96			
15	QPSK	1	74	20.84	21.07	20.71	20.90	20.69			
15	QPSK	36	0	20.76	20.94	21.12	20.91	20.72			
15	QPSK	36	20	21.01	21.20	21.05	20.96	21.14	22.5	0	
15	QPSK	36	39	20.88	21.08	20.99	20.82	20.85			
15	QPSK	75	0	20.99	20.79	20.97	20.65	21.03			
15	16QAM	1	0	20.61	20.78	20.98	20.86	20.89			
15	16QAM	1	37	20.99	20.94	20.94	20.78	20.89	22.5	0	
15	16QAM	1	74	21.08	21.07	20.91	20.83	20.87			
15	16QAM	36	0	19.89	20.03	20.00	19.91	19.95			
15	16QAM	36	20	19.89	19.97	20.08	19.87	19.92			
15	16QAM	36	39	19.91	19.75	19.87	19.87	19.83	21.5	1	
15	16QAM	75	0	19.82	19.91	20.03	19.71	20.08			
15	64QAM	1	0	19.66	19.54	19.80	19.67	19.67			
15	64QAM	1	37	19.55	19.92	19.92	19.77	19.85			
15	64QAM	1	74	19.69	19.57	19.68	19.79	19.71	21.5	1	
15	64QAM	36	0	18.94	19.16	18.96	18.88	18.89			
15	64QAM	36	20	19.12	19.02	19.98	19.16	18.96			
15	64QAM	36	39	18.74	19.02	19.03	18.68	18.78			
15	64QAM	75	0	18.93	18.68	19.00	18.87	18.77	20.5	2	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	20.93	20.99	21.04	20.97	20.77	22.50	0	
10	QPSK	1	25	20.93	20.98	20.94	21.01	20.81			
10	QPSK	1	49	20.81	21.01	20.71	20.61	20.62			
10	QPSK	25	0	20.69	20.96	21.07	20.95	20.67			
10	QPSK	25	12	20.88	21.05	21.10	20.97	21.01	22.5	0	
10	QPSK	25	25	20.84	21.04	21.08	20.85	20.80			
10	QPSK	50	0	20.99	20.74	21.00	20.63	20.91			
10	16QAM	1	0	20.77	20.89	20.98	20.89	20.81			
10	16QAM	1	25	21.00	20.94	20.99	20.79	20.90	22.5	0	
10	16QAM	1	49	21.08	21.09	20.96	20.83	20.90			
10	16QAM	25	0	19.95	19.93	20.25	19.83	19.86			
10	16QAM	25	12	19.81	19.90	20.07	19.94	19.86			
10	16QAM	25	25	19.97	19.81	19.88	19.92	19.83	21.5	1	
10	16QAM	50	0	19.85	19.95	20.04	19.79	20.08			
10	64QAM	1	0	19.62	19.60	19.83	19.80	19.75			
10	64QAM	1	25	19.68	20.02	19.91	19.76	19.76			
10	64QAM	1	49	19.71	19.64	19.78	19.86	19.59	21.5	1	
10	64QAM	25	0	18.87	19.11	18.93	18.98	18.80			
10	64QAM	25	12	19.06	19.06	18.97	19.10	19.04			
10	64QAM	25	25	18.86	19.29	19.07	18.82	18.83			
10	64QAM	50	0	18.92	18.67	19.10	18.78	18.84	20.5	2	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	20.93	21.07	21.11	20.96	20.77	22.50	0	
5	QPSK	1	12	20.86	21.08	20.93	21.00	20.83			
5	QPSK	1	24	20.83	21.07	20.74	20.66	20.63			
5	QPSK	12	0	20.72	21.01	21.05	20.85	20.69			
5	QPSK	12	7	21.01	21.15	21.15	21.01	21.02	22.5	0	
5	QPSK	12	13	20.77	21.02	21.13	20.73	20.83			
5	QPSK	25	0	20.84	20.81	21.05	20.66	20.99			
5	16QAM	1	0	20.64	20.82	20.89	20.77	20.82			
5	16QAM	1	12	21.00	20.87	20.99	20.74	20.92	22.5	0	
5	16QAM	1	24	21.02	20.97	20.98	20.88	20.90			
5	16QAM	12	0	19.91	20.03	20.01	19.90	19.88			
5	16QAM	12	7	19.87	19.99	20.09	19.98	19.88			
5	16QAM	12	13	19.93	19.75	19.84	19.81	19.84	21.5	1	
5	16QAM	25	0	19.91	19.95	20.01	19.78	20.12			
5	64QAM	1	0	19.59	19.65	19.73	19.72	19.72			
5	64QAM	1	12	19.55	19.93	19.89	19.84	19.83			
5	64QAM	1	24	19.73	19.58	19.75	19.80	19.68	21.5	1	
5	64QAM	12	0	18.87	19.20	18.94	18.88	18.86			
5	64QAM	12	7	19.11	19.01	18.91	19.10	18.98			
5	64QAM	12	13	18.83	19.18	19.00	18.85	18.85			
5	64QAM	25	0	19.01	18.66	19.01	18.87	18.80	20.5	2	

Band 41 Ant 2 HPUE Handheld on														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	24.31	24.29	24.45	24.28	24.21	25.5	0				
20	QPSK	1	49	24.41	24.33	24.35	24.32	24.26						
20	QPSK	1	99	24.38	24.30	24.30	24.23	24.19						
20	QPSK	50	0	24.23	24.24	24.41	24.31	24.17						
20	QPSK	50	24	24.26	24.16	24.31	24.29	24.18	25.5	0				
20	QPSK	50	50	24.39	24.25	24.16	24.18	24.13						
20	QPSK	100	0	24.35	24.22	24.39	24.19	24.21						
20	16QAM	1	0	24.12	24.07	24.30	24.30	24.06						
20	16QAM	1	49	24.31	24.34	24.33	24.24	24.04	25.5	0				
20	16QAM	1	99	24.23	24.17	24.26	24.23	24.18						
20	16QAM	50	0	23.14	23.06	23.31	23.33	22.98						
20	16QAM	50	24	23.24	23.18	23.26	23.22	23.13						
20	16QAM	50	50	23.37	23.16	23.14	23.03	23.05	24.5	1				
20	16QAM	100	0	23.26	23.10	23.25	23.16	23.14						
20	64QAM	1	0	23.14	23.25	23.27	23.17	23.07						
20	64QAM	1	49	23.37	23.18	23.13	23.21	23.04						
20	64QAM	1	99	23.20	23.30	23.17	23.17	23.15	24.5	1				
20	64QAM	50	0	22.23	22.23	22.24	22.16	22.03						
20	64QAM	50	24	22.26	22.02	22.27	22.21	22.18						
20	64QAM	50	50	22.37	22.14	22.09	22.03	22.11						
20	64QAM	100	0	22.16	22.20	22.20	22.12	22.23	23.5	2				
Channel				39725	40173	40620	41068	41515						
Frequency (MHz)				2629.5	2673.5	2633.3	2689.5	2699.5						
15	QPSK	1	0	24.30	24.31	24.35	24.25	24.19				25.50	0	
15	QPSK	1	37	24.32	24.24	24.35	24.27	24.24						
15	QPSK	1	74	24.39	24.28	24.20	24.19	24.10						
15	QPSK	36	0	24.25	24.21	24.29	24.29	24.14						
15	QPSK	36	20	24.24	24.18	24.20	24.23	24.15	25.5	0				
15	QPSK	36	39	24.31	24.15	24.08	24.13	24.09						
15	QPSK	75	0	24.30	24.22	24.29	24.21	24.17						
15	16QAM	1	0	24.11	23.98	24.31	24.29	23.96						
15	16QAM	1	37	24.33	24.26	24.33	24.23	24.03	25.5	0				
15	16QAM	1	74	24.20	24.07	24.18	24.19	24.05						
15	16QAM	36	0	23.05	22.93	23.31	23.29	22.97						
15	16QAM	36	20	23.19	23.19	23.12	23.17	23.05						
15	16QAM	36	39	23.25	23.10	23.13	22.97	23.01	24.5	1				
15	16QAM	75	0	23.17	23.08	23.16	23.11	23.04						
15	64QAM	1	0	23.08	23.17	23.28	23.18	23.03						
15	64QAM	1	37	23.33	23.15	23.14	23.17	22.99						
15	64QAM	1	74	23.22	23.17	23.18	23.05	23.14	24.5	1				
15	64QAM	36	0	22.10	22.15	22.19	22.07	21.94						
15	64QAM	36	20	22.20	21.94	22.16	22.10	22.13						
15	64QAM	36	39	22.28	22.01	22.08	21.99	22.08						
15	64QAM	75	0	22.06	22.15	22.18	22.06	22.14	23.5	2				
Channel				39700	40160	40620	41080	41540						
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	24.18	24.16	24.40	24.19	24.08				25.50	0	
10	QPSK	1	25	24.30	24.30	24.34	24.24	24.19						
10	QPSK	1	49	24.36	24.24	24.26	24.13	24.19						
10	QPSK	25	0	24.13	24.23	24.42	24.27	24.13						
10	QPSK	25	12	24.17	24.04	24.19	24.20	24.12	25.5	0				
10	QPSK	25	25	24.28	24.25	24.11	24.19	24.10						
10	QPSK	50	0	24.24	24.08	24.41	24.07	24.20						
10	16QAM	1	0	24.10	24.02	24.30	24.23	24.05						
10	16QAM	1	25	24.25	24.30	24.20	24.16	24.06	25.5	0				
10	16QAM	1	49	24.14	24.17	24.18	24.14	24.20						
10	16QAM	25	0	23.15	23.02	23.26	23.19	22.90						
10	16QAM	25	12	23.10	23.19	23.28	23.10	22.99						
10	16QAM	25	25	23.25	23.10	23.04	22.89	23.06	24.5	1				
10	16QAM	50	0	23.28	23.01	23.18	23.09	23.00						
10	64QAM	1	0	23.06	23.19	23.15	23.06	23.00						
10	64QAM	1	25	23.34	23.07	23.07	23.11	23.00						
10	64QAM	1	49	23.12	23.26	23.12	23.13	23.07	24.5	1				
10	64QAM	25	0	22.22	22.22	22.21	22.02	22.00						
10	64QAM	25	12	22.20	21.91	22.20	22.16	22.14						
10	64QAM	25	25	22.27	22.05	22.03	22.01	21.99						
10	64QAM	50	0	22.14	22.16	22.21	22.07	22.23	23.5	2				
Channel				39713	40163	40620	41093	41565						
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5						
5	QPSK	1	0	24.19	24.21	24.39	24.28	24.19				25.50	0	
5	QPSK	1	12	24.43	24.23	24.26	24.25	24.27						
5	QPSK	1	24	24.35	24.26	24.20	24.19	24.18						
5	QPSK	12	0	24.16	24.11	24.42	24.17	24.04						
5	QPSK	12	7	24.27	24.13	24.33	24.25	24.18	25.5	0				
5	QPSK	12	13	24.39	24.15	24.14	24.21	24.03						
5	QPSK	25	0	24.27	24.16	24.32	24.08	24.17						
5	16QAM	1	0	24.10	23.93	24.17	24.28	23.94						
5	16QAM	1	12	24.28	24.21	24.25	24.14	24.05	25.5	0				
5	16QAM	1	24	24.11	24.06	24.19	24.18	24.14						
5	16QAM	12	0	23.07	22.99	23.21	23.33	22.87						
5	16QAM	12	7	23.16	23.10	23.24	23.11	23.05						
5	16QAM	12	13	23.36	23.17	23.13	23.04	23.05	24.5	1				
5	16QAM	25	0	23.18	22.99	23.13	23.04	23.04						
5	64QAM	1	0	23.04	23.26	23.27	23.03	22.96						
5	64QAM	1	12	23.26	23.16	23.06	23.16	22.98						
5	64QAM	1	24	23.17	23.19	23.06	23.03	23.12	24.5	1				
5	64QAM	12	0	22.20	22.13	22.19	22.06	21.98						
5	64QAM	12	7	22.23	22.00	22.20	22.19	22.07						
5	64QAM	12	13	22.31	22.03	22.08	21.94	22.09						
5	64QAM	25	0	22.07	22.17	22.09	22.04	22.11	23.5	2				

Intra Band UL CA

Full Power										Tune up (dBm)
										23.5
CA 41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Margin MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	21.96	23.5
40185	39987	QPSK	1	0	1	99	2	0	21.89	23.5
40620	40422	QPSK	1	0	1	99	2	0	21.86	23.5
41055	40857	QPSK	1	0	1	99	2	0	21.98	23.5
41490	41292	QPSK	1	0	1	99	2	0	21.93	23.5

Sensor on										Tune up (dBm)
										19.5
CA 41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Margin MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	17.95	19.5
40185	39987	QPSK	1	0	1	99	2	0	17.84	19.5
40620	40422	QPSK	1	0	1	99	2	0	17.74	19.5
41055	40857	QPSK	1	0	1	99	2	0	18.08	19.5
41490	41292	QPSK	1	0	1	99	2	0	17.79	19.5

Hotspot										Tune up (dBm)
										18
CA 41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Margin MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	16.34	18
40185	39987	QPSK	1	0	1	99	2	0	16.4	18
40620	40422	QPSK	1	0	1	99	2	0	16.24	18
41055	40857	QPSK	1	0	1	99	2	0	16.49	18
41490	41292	QPSK	1	0	1	99	2	0	16.33	18

Handheld										Tune up (dBm)
										22.5
CA 41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Margin MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.96	22.5
40185	39987	QPSK	1	0	1	99	2	0	20.9	22.5
40620	40422	QPSK	1	0	1	99	2	0	20.77	22.5
41055	40857	QPSK	1	0	1	99	2	0	21.03	22.5
41490	41292	QPSK	1	0	1	99	2	0	20.92	22.5

2CA DL

Configure	PCC										SCC				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA		
	Band		(MHz)	Freq	Channel			RB		RB	Band	(MHz)	Freq	Channel	Tx Power	Tx Power
			(MHz)	(MHz)	Offset			(MHz)		(MHz)	(dBm)	(dBm)				
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	22.72	22.95		
CA_2A-2A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	22.70	22.95		
	Band 2	1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	22.71	22.95		
CA_2A-4A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	22.24	22.48		
	Band 2	1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.70	22.95		
CA_2A-5A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	22.63	22.74		
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	22.12	22.13		
CA_2A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.73	22.95		
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	22.46	22.69		
CA_2A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	22.70	22.95		
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	22.42	22.58		
CA_2A-12A	Band 12	3	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	21.77	21.93		
	Band 2	1	20M	1880	18900	QPSK	1	0	Band 13	10M	751	5230	22.70	22.95		
CA_2A-13A	Band 13	1	10M	762	23230	QPSK	1	0	Band 2	20M	1960	900	22.21	22.47		
	Band 13	3	10M	762	23230	QPSK	1	0	Band 2	20M	1960	900	21.68	21.91		
CA_2A-14A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 14	10M	793	5330	22.73	22.95		
	Band 14	1	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	22.40	22.64		
CA_2A-14A	Band 14	3	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	21.95	22.05		
	Band 2	1	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	22.70	22.95		
CA_2A-17A	Band 17	1	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	22.19	22.45		
	Band 17	3	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	21.84	22.08		
CA_2A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 30	10M	2355	9820	22.73	22.95		
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	22.61	22.76		
CA_2A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.72	22.95		
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	22.34	22.59		
CA_2A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 71	20M	637	68786	22.70	22.95		
	Band 71	1	20M	133322	683	QPSK	1	0	Band 2	20M	1960	900	22.69	22.62		
CA_4A-4A	Band 71	3	20M	133322	683	QPSK	1	0	Band 2	20M	1960	900	21.79	22.04		
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	22.24	22.48		
CA_4A-5A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	22.25	22.48		
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	22.61	22.74		
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	22.03	22.13		
CA_4A-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	22.24	22.48		
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	22.47	22.69		
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	22.22	22.48		
CA_4A-12A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	22.63	22.58		
	Band 12	3	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	21.90	21.93		
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 13	10M	751	5230	22.25	22.48		
CA_4A-13A	Band 13	1	10M	762	23230	QPSK	1	0	Band 4	20M	2132.5	2175	22.24	22.47		
	Band 13	3	10M	762	23230	QPSK	1	0	Band 4	20M	2132.5	2175	21.68	21.91		
	Band 4	1	10M	1750	20350	QPSK	1	25	Band 17	10M	740	5790	22.22	22.47		
CA_4A-17A	Band 17	1	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.22	22.45		
	Band 17	3	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	21.85	22.08		
CA_4A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 30	10M	2355	9820	22.22	22.48		
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 4	20M	2132.5	2175	22.69	22.76		
CA_4A-71A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	22.26	22.48		
	Band 71	1	20M	133322	683	QPSK	1	0	Band 4	20M	2132.5	2175	22.39	22.62		
	Band 71	3	20M	133322	683	QPSK	1	0	Band 4	20M	2132.5	2175	21.98	22.04		
CA_5B	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 5	5M	888.7	2597	22.60	22.74		
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 5	5M	888.7	2597	21.91	22.13		
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	22.48	22.74		
CA_5A-7A	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	22.03	22.13		
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	22.60	22.69		
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	22.48	22.74		
CA_5A-30A	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	21.91	22.13		
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525	22.25	22.48		
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	22.68	22.74		
CA_5A-66A	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	21.88	22.13		
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	22.33	22.59		
CA_7C	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	22.44	22.69		
	CA_7A-7A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	22.45	22.69	
CA_7A-12A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 12	10M	737.5	5095	22.45	22.69		
	Band 12	1	10M	831.5	23095	QPSK	1	0	Band 7	20M	2655	3100	22.33	22.58		
CA_7A-12A	Band 12	3	10M	831.5	23095	QPSK	1	0	Band 7	20M	2655	3100	21.82	21.93		
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	22.62	22.69		
CA_7A-66A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	22.56	22.59		
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 12	5M	743.5	5155	22.33	22.58		
	Band 12	3	10M	707.5	23095	QPSK	1	0	Band 12	5M	743.5	5155	21.70	21.93		
CA_12A-30A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820	22.54	22.58		
	Band 12	3	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820	21.70	21.93		
CA_12A-30A	Band 30	2	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095	22.25	22.48		
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	22.33	22.58		
CA_12A-66A	Band 12	3	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	21.68	21.93		
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	22.57	22.59		
	Band 13	1	10M	762	23230	QPSK	1	0	Band 66	20M	2155	66886	22.22	22.47		
CA_13A-66A	Band 13	3	10M	762	23230	QPSK	1	0	Band 66	20M	2155	66886	21.67	21.91		
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 13	10M	751	5230	22.58	22.59		
	Band 14	1	10M	793	23330	QPSK	1	0	Band 30	10M	2355	9820	22.41	22.64		
CA_14A-30A	Band 14	3	10M	793	23330	QPSK	1	0	Band 30	10M	2355	9820	21.93	22.05		
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 14	10M	793	5330	22.26	22.48		
CA_14A-66A	Band 14	1	10M	793	23330	QPSK	1	0	Band 66	20M	2155	66886	22.41	22.64		
	Band 14	3	10M	793	23330	QPSK	1	0	Band 66	20M	2155	66886	21.81	22.05		
CA_14A-66A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 14	10M	793	5330	22.36	22.59		
	CA_25A-25A	Band 25	1	20M	1880	26340	QPSK	1	0	Band 25	5M	1992.5	8665	22.59	22.66	
CA_25A-25A	Band 25	1	20M	1880	26340	QPSK	1	0	Band 26	15M	876.5	8865	22.48	22.66		
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 25	20M	1962.5	8365	22.67	22.92		
CA_25A-25A	Band 26	3	15M	831.5	26865	QPSK	1	0	Band 25	20M	1962.5	8365	21.96	22.19		
	Band 25	1	20M	1880	26340	QPSK	1	0	Band 41	20M						



Conducted Power for WLAN/BT

Art 5 Full Power Body_Worn (Standalone) Hardhead			Art 5 Head (Standalone)			Art 5 Head (Simultaneous)		Art 5 Body_Worn (Simultaneous) Hotspot (Simultaneous)				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b-1Mbps	1	2412	21.40	23.00	16.30	18.00	7.70	9.50	18.60	20.50	99.40
		6	2437	21.30	23.00	16.27	18.00	7.65	9.50	18.60	20.50	
		11	2462	21.20	23.00	16.20	18.00	7.61	9.50	18.50	20.50	
	802.11g-6Mbps	1	2412	19.30	21.00	16.23	18.00		9.50		20.50	96.97
		6	2437	19.50	21.00	16.25	18.00		9.50		20.50	
		11	2462	17.20	18.50	16.19	18.00		9.50		18.50	
	802.11n-HT20 MCSS	1	2412	17.20	18.50	16.21	18.00	Not Required	9.50	Not Required	18.50	96.76
		6	2437	19.40	21.00	16.23	18.00		9.50		20.50	
		11	2462	16.50	18.00	16.50	18.00		9.50		18.00	

Art 5 Full Power Hardhead					Art 5 Head (Standalone)		Art 5 Head (Simultaneous)		Art 5 Hotspot on		Art 5 Body_Worn (Standalone)		Art 5 Body_Worn (Simultaneous) Hardhead (Simultaneous)			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a-6Mbps	36	5180	19.50	21.00		19.50		9.50		12.50		14.00		10.50	96.97
		40	5200	19.39	21.00		19.50		9.50		12.50		14.00		10.50	
		44	5220	19.41	21.00		19.50		9.50		12.50		14.00		10.50	
		48	5240	19.53	21.00		19.50		9.50		12.50		14.00		10.50	
	802.11n-HT20 MCSS	36	5180	19.32	21.00		19.50		9.50		12.50		14.00		10.50	96.77
		40	5200	19.30	21.00		19.50		9.50		12.50		14.00		10.50	
		44	5220	19.31	21.00		19.50		9.50		12.50		14.00		10.50	
		48	5240	19.28	21.00	Not Required	19.50	Not Required	9.50	Not Required	12.50	Not Required	14.00	Not Required	10.50	
	802.11n-HT40 MCSS	36	5180	17.86	19.50		19.50		9.50		12.50		14.00		10.50	93.52
		40	5200	17.87	19.50		19.50		9.50		12.50		14.00		10.50	
		36	5180	19.31	21.00		19.50		9.50		12.50		14.00		10.50	
		40	5200	19.21	21.00		19.50		9.50		12.50		14.00		10.50	
	802.11ac- VHT20 MCSS	44	5200	19.27	21.00		19.50		9.50		12.50		14.00		10.50	96.28
		48	5240	19.25	21.00		19.50		9.50		12.50		14.00		10.50	
		36	5180	17.82	19.50		19.50		9.50		12.50		14.00		10.50	
		46	5230	17.76	19.50		19.50		9.50		12.50		14.00		10.50	
	802.11ac- VHT40 MCSS	42	5210	17.71	19.50	17.71	19.50	7.62	9.50	11.06	12.50	12.54	14.00	8.79	10.50	87.65

Art 5 Full Power Hardhead					Art 5 Head (Standalone)		Art 5 Head (Simultaneous)		Art 5 Body_Worn (Standalone)		Art 5 Body_Worn (Simultaneous) Hardhead (Simultaneous)			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a-6Mbps	52	5280	19.45	21.00		19.50		9.50		14.00		10.50	96.97
		56	5280	19.31	21.00		19.50		9.50		14.00		10.50	
		60	5300	19.29	21.00		19.50		9.50		14.00		10.50	
		64	5320	19.24	21.00		19.50		9.50		14.00		10.50	
	802.11n-HT20 MCSS	52	5280	19.27	20.50		19.50		9.50		14.00		10.50	96.77
		56	5280	19.21	20.50		19.50		9.50		14.00		10.50	
		60	5300	19.24	20.50		19.50		9.50		14.00		10.50	
		64	5320	19.14	20.50		19.50		9.50		14.00		10.50	
	802.11n-HT40 MCSS	54	5270	18.49	20.00	Not Required	19.50	Not Required	9.50	Not Required	14.00	Not Required	10.50	93.52
		62	5310	18.39	20.00		19.50		9.50		14.00		10.50	
		52	5280	19.23	20.50		19.50		9.50		14.00		10.50	
		56	5280	19.26	20.50		19.50		9.50		14.00		10.50	
	802.11ac- VHT20 MCSS	60	5300	19.22	20.50		19.50		9.50		14.00		10.50	96.28
		64	5320	19.10	20.50		19.50		9.50		14.00		10.50	
		54	5270	18.38	20.00		19.50		9.50		14.00		10.50	
		62	5310	18.37	20.00		19.50		9.50		14.00		10.50	
	802.11ac- VHT40 MCSS	58	5290	18.04	19.50	18.04	19.50	7.61	9.50	12.36	14.00	8.81	10.50	87.65

Art 5 Full Power Head (Standalone) Hardhead					Art 5 Head (Simultaneous)		Art 5 Body_Worn (Standalone)		Art 5 Body_Worn (Simultaneous) Hardhead (Simultaneous)			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a (6Mbps)	100	5500	19.51	21.00		15.00		14.00		11.50	96.97
		116	5580	20.49	22.00		15.00		14.00		11.50	
		124	5620	20.37	22.00		15.00		14.00		11.50	
		132	5660	20.25	22.00		15.00		14.00		11.50	
		140	5700	20.46	22.00		15.00		14.00		11.50	
		144	5720	20.42	22.00		15.00		14.00		11.50	
	802.11n-HT20 MCSS	100	5500	19.37	21.00		15.00		14.00		11.50	96.77
		116	5580	20.29	22.00		15.00		14.00		11.50	
		124	5620	20.32	22.00		15.00		14.00		11.50	
		132	5660	20.15	22.00		15.00		14.00		11.50	
		140	5700	20.26	22.00		15.00		14.00		11.50	
		144	5720	20.25	22.00		15.00		14.00		11.50	
	802.11n-HT40 MCSS	102	5510	17.83	19.50		15.00		14.00		11.50	93.52
		110	5550	17.93	19.50	Not Required	15.00	Not Required	14.00	Not Required	11.50	
		126	5630	18.67	20.50		15.00		14.00		11.50	
		134	5670	18.68	20.50		15.00		14.00		11.50	
		142	5710	18.60	20.50		15.00		14.00		11.50	
		150	5500	19.36	21.00		15.00		14.00		11.50	
	802.11ac- VHT20 MCSS	116	5580	20.27	22.00		15.00		14.00		11.50	96.28
		124	5620	20.30	22.00		15.00		14.00		11.50	
		132	5660	20.12	22.00		15.00		14.00		11.50	
		140	5700	20.23	22.00		15.00		14.00		11.50	
		144	5720	20.22	22.00		15.00		14.00		11.50	
		152	5510	17.81	19.50		15.00		14.00		11.50	
	802.11ac- VHT40 MCSS	110	5550	17.90	19.50		15.00		14.00		11.50	93.54
		126	5630	18.62	20.50		15.00		14.00		11.50	
		134	5670	18.64	20.50		15.00		14.00		11.50	
		142	5710	18.54	20.50		15.00		14.00		11.50	
	802.11ac- VHT80 MCSS	106	5530	16.91	17.50	13.41	15.00	12.24	14.00	9.38	11.00	87.65
		122	5610	18.31	20.00	14.19	15.00	12.82	14.00	9.68	11.50	
		138	5690	18.22	20.00	13.93	15.00	12.77	14.00	9.62	11.50	

Art 5 Full Power Handheld					Art 5 Head (Standalone)		Art 5 Head (Simultaneous)		Art 5 Body_Worn (Standalone)		Art 5 Body_Worn (Simultaneous) Hotspot on Handheld (Simultaneous)			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a-6Mbps	148	5745	19.70	20.00		19.50		6.00		13.50		11.50	96.97
		157	5785	19.75	20.00		19.50		6.00		13.50		11.50	
		165	5825	18.86	20.00		19.50		6.00		13.50		11.50	
		148	5745	18.61	20.00		19.50		6.00		13.50		11.50	
	802.11n-HT20 MCSS	157	5785	16.67	20.00		19.50		6.00		13.50		11.50	96.77
		165	5825	18.78	20.00		19.50		6.00		13.50		11.50	
		151	5755	18.08	20.00	Not Required	19.50	Not Required	6.00	Not Required	13.50	Not Required	11.50	
		159	5795	18.19	20.00		19.50		6.00		13.50		11.50	96.28
	VHT20 MCSS	148	5745	18.50	20.00		19.50		6.00		13.50		11.50	
		157	5785	19.64	20.00		19.50		6.00		13.50		11.50	
		165	5825	19.71	20.00		19.50		6.00		13.50		11.50	
		151	5755	18.03	19.50		19.50		6.00		13.50		11.50	
VHT40 MCSS	159	5795	18.04	19.50		19.50		6.00		13.50		11.50	93.54	
	157	5785	17.88	19.50	17.17	18.50	4.21	12.51	13.00	10.02	11.50	87.65		