

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 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GSM11 Tx slot	32.26	32.37	32.28	33.50	23.26	23.37	23.28	24.50
GPRS 1 Tx slots	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 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
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 TX Channel	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)	
	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	4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.8	1712.4	1732.6	1752.6	826.4	836.4	846.6	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 8	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	21.68	22.50	20.67	20.91	20.83	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.38	21.46	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	19.36	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	20.68	20.78	20.65	21.50	20.88	20.70	20.73	21.50	20.08	20.10	20.13	21.00



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	695		
20	QPSK	1	0	22.53	22.62	22.69	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		
20	16QAM	1	0	21.19	21.41	21.32	23	1
20	16QAM	1	49	21.35	21.45	21.37		
20	16QAM	1	99	21.40	21.49	21.55		
20	16QAM	50	0	20.53	20.79	20.64	22	2
20	16QAM	50	24	20.64	20.71	20.66		
20	16QAM	50	50	20.75	20.86	20.85		
20	16QAM	100	0	20.45	20.62	20.58		
20	64QAM	1	0	20.62	20.72	20.53	22	2
20	64QAM	1	49	20.40	20.67	20.53		
20	64QAM	1	99	20.64	20.61	20.65		
20	64QAM	50	0	19.59	19.77	19.64	21	3
20	64QAM	50	24	19.58	19.67	19.62		
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		
15	16QAM	1	0	21.14	21.29	21.27	23	1
15	16QAM	1	37	21.31	21.44	21.28		
15	16QAM	1	74	21.27	21.46	21.51		
15	16QAM	36	0	20.40	20.77	20.51	22	2
15	16QAM	36	20	20.57	20.60	20.64		
15	16QAM	36	39	20.74	20.75	20.76		
15	16QAM	75	0	20.36	20.57	20.45	22	2
15	64QAM	1	0	20.60	20.60	20.44		
15	64QAM	1	37	20.32	20.61	20.45		
15	64QAM	1	74	20.57	20.60	20.58		
15	64QAM	36	0	19.58	19.73	19.53	21	3
15	64QAM	36	20	19.50	19.57	19.67		
15	64QAM	36	39	19.64	19.73	19.64		
15	64QAM	75	0	19.30	19.50	19.58		
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	21.16	21.38	21.20		
10	16QAM	1	25	21.21	21.43	21.29		
10	16QAM	1	49	21.36	21.36	21.47		
10	16QAM	25	0	20.46	20.65	20.64	22	2
10	16QAM	25	12	20.50	20.59	20.64		
10	16QAM	25	25	20.73	20.84	20.82		
10	16QAM	50	0	20.31	20.59	20.48	22	2
10	64QAM	1	0	20.57	20.65	20.53		
10	64QAM	1	25	20.32	20.58	20.39		
10	64QAM	1	49	20.54	20.49	20.51		
10	64QAM	25	0	19.49	19.72	19.60	21	3
10	64QAM	25	12	19.53	19.55	19.57		
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		
5	16QAM	1	0	21.13	21.39	21.24	23	1
5	16QAM	1	12	21.23	21.30	21.33		
5	16QAM	1	24	21.28	21.48	21.43		
5	16QAM	12	0	20.40	20.67	20.53	22	2
5	16QAM	12	7	20.64	20.58	20.52		
5	16QAM	12	13	20.66	20.82	20.85		
5	16QAM	25	0	20.40	20.49	20.44		
5	64QAM	1	0	20.59	20.60	20.47	22	2
5	64QAM	1	12	20.28	20.55	20.49		
5	64QAM	1	24	20.56	20.55	20.57		
5	64QAM	12	0	19.44	19.75	19.55	21	3
5	64QAM	12	7	19.55	19.60	19.62		
5	64QAM	12	13	19.70	19.73	19.63		
5	64QAM	25	0	19.30	19.55	19.58		

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			
20	QPSK	50	24	20.82	21.02	20.76			
20	QPSK	50	50	20.86	20.96	20.67	22	1	
20	QPSK	100	0	20.81	20.95	20.66			
20	16QAM	1	0	20.43	20.92	20.45			
20	16QAM	1	49	20.55	20.90	20.48	22	1	
20	16QAM	1	99	20.56	20.68	20.53			
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	21	2	
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			
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			
15	16QAM	1	0	20.78	20.97	20.81			
15	16QAM	1	37	20.62	20.87	20.71	22	1	
15	16QAM	1	74	20.66	20.79	20.53			
15	16QAM	36	0	19.73	19.95	19.55			
15	16QAM	36	20	19.78	19.84	19.53	21	2	
15	16QAM	36	39	19.51	19.69	19.64			
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	21	2	
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			
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			
10	16QAM	1	0	20.51	20.82	20.80	22	1	
10	16QAM	1	25	20.75	20.81	20.68			
10	16QAM	1	49	20.44	20.50	20.49			
10	16QAM	25	0	19.67	19.95	19.62			
10	16QAM	25	12	19.69	19.95	19.71	21	2	
10	16QAM	25	25	19.45	19.86	19.75			
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	20	3	
10	64QAM	25	12	18.75	18.84	18.78			
10	64QAM	25	25	18.65	18.67	18.56			
10	64QAM	50	0	18.73	18.83	18.50			
Channel				133147	133247	133447			
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			
5	16QAM	1	0	20.82	20.83	20.74	22	1	
5	16QAM	1	12	20.35	20.65	20.57			
5	16QAM	1	24	20.40	20.38	20.40			
5	16QAM	12	0	19.74	19.81	19.75			
5	16QAM	12	7	19.71	19.76	19.54	21	2	
5	16QAM	12	13	19.54	19.80	19.68			
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	21	2	
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			



Reduced Power Mode

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

Sensor on							
GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	
GSM 1 Tx slot	24.14	24.29	24.26	24.50	15.14	15.29	15.26
GPRS 1 Tx slot	24.13	24.25	24.29	24.50	15.13	15.25	15.29
GPRS 2 Tx slots	22.33	22.46	22.70	23.00	16.33	16.46	16.70
GPRS 3 Tx slots	20.19	20.43	20.11	21.00	15.93	16.17	15.85
GPRS 4 Tx slots	19.75	19.92	19.79	20.00	15.75	15.92	15.79
EDGE 1 Tx slot	20.80	20.77	20.82	21.50	11.80	11.77	11.82
EDGE 2 Tx slots	19.77	19.68	19.82	20.50	13.77	13.68	13.82
EDGE 3 Tx slots	18.51	18.39	18.52	19.50	14.25	14.13	14.26
EDGE 4 Tx slots	17.35	17.28	17.39	18.00	14.35	14.28	14.39

Sensor on				Sensor on				Sensor on				
Band	TX Channel	WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1		
		9262	9400	9538		1312	1413	1513		4132	4182	4233
3GPP Rel 99	RMC 12.2Kbps	14.83	14.82	14.70	15.50	14.61	14.62	14.61	16.50	21.34	21.26	21.13
3GPP Rel 99	RMC 12.2Kbps	14.81	14.90	14.62	15.50	14.55	14.70	14.59	16.50	21.21	21.46	21.26
3GPP Rel 6	HSDPA Subtest-1	14.15	14.29	14.33	14.50	13.96	13.96	13.91	15.50	20.61	20.73	20.67
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
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
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
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
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
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
3GPP Rel 8	DC-HSDPA Subtest-4	13.07	13.31	13.41	14.00	13.66	13.54	13.58	15.00	20.17	19.96	20.22
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
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
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
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
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
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



Hotspot on								
GSM900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	125	199		251	125	199	
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	21.82	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	
Frequency (MHz)	1850.2	1850	1850.8		1850.2	1850	1850.8	
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

Band	Hotspot on				Hotspot on				Hotspot on				
	WCDMA II Ant 1		WCDMA IV Ant 1		WCDMA IV Ant 1		WCDMA V Ant 1		WCDMA V Ant 1		WCDMA V Ant 1		
TX Channel	9262	9408	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4192	4182	4233	Tune-up Limit (dBm)	
RX Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	13.22	13.49	13.47	14.50	13.69	13.69	13.62	15.00	21.34	21.26	21.13	22.00
3GPP Rel 99	RMC 12.2Kbps	13.36	13.53	13.48	14.50	13.78	13.87	13.71	15.00	21.21	21.46	21.26	22.00
3GPP Rel 6	HSDPA Subtest-1	12.43	12.47	12.74	13.50	13.22	13.15	13.07	14.00	20.81	20.73	20.67	21.00
3GPP Rel 6	HSDPA Subtest-2	12.32	12.49	12.70	13.50	13.14	13.08	13.07	14.00	20.69	20.70	20.69	21.00
3GPP Rel 6	HSDPA Subtest-3	11.95	12.15	12.06	13.00	12.81	12.82	12.68	13.50	20.33	20.15	20.09	20.50
3GPP Rel 6	HSDPA Subtest-4	11.82	12.14	12.02	13.00	12.65	12.66	12.68	13.50	20.02	20.14	20.18	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	12.52	12.52	12.82	13.50	13.14	13.21	13.11	14.00	20.87	20.65	20.67	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	12.45	12.45	12.54	13.50	13.16	12.96	13.21	14.00	20.60	20.56	20.71	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	11.99	12.10	12.08	13.00	12.89	12.84	12.64	13.50	20.20	19.92	20.23	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	11.76	11.94	11.82	13.00	12.89	12.71	12.76	13.50	20.17	19.96	20.22	20.50
3GPP Rel 6	HSUPA Subtest-1	10.56	10.76	10.89	11.50	11.23	10.99	11.15	12.00	18.79	18.50	18.76	19.00
3GPP Rel 6	HSUPA Subtest-2	10.46	10.51	10.76	11.50	11.22	11.06	11.10	12.00	18.75	18.73	18.82	19.00
3GPP Rel 6	HSUPA Subtest-3	11.38	11.86	11.63	12.50	12.22	12.03	12.20	13.00	19.74	19.54	19.81	20.00
3GPP Rel 6	HSUPA Subtest-4	9.92	10.28	10.30	11.00	10.61	10.41	10.62	11.50	18.29	18.10	18.24	18.50
3GPP Rel 7	HSUPA Subtest-5	11.52	11.55	11.62	12.50	12.11	12.03	12.06	13.00	19.66	19.64	19.69	20.00
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

CSM1900 Ant 1 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		1307.2	1330	1353.8	
Frequency (MHz)	1802	1800	1800.6	30.00	19.60	19.64	19.55	21.00
CSM 1 Tx slot	23.50	23.84	23.95	30.00	19.60	19.64	19.55	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 slots	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	25.80	27.00	18.62	18.59	18.60	18.00
EDGE 2 Tx slots	23.66	24.56	24.66	25.00	18.56	18.56	18.56	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 TX Channel	WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
	9282	9400	9538		1312	1413	1513	
Frequency (MHz)	3692	3800	3938	27.00	1537	1638	1738	20.00
3GPP Rel 99	182.4	1800	1807.6	20.50	172.4	1732.6	1752.6	20.00
3GPP Rel 99	AMR 12.2Kbps	19.29	19.32	19.16	20.50	18.62	18.72	18.53
3GPP Rel 99	RMC 12.2Kbps	19.27	19.44	19.19	20.50	18.68	18.73	18.70
3GPP Rel 6	HSDPA Subtest-1	18.31	18.56	18.55	19.50	18.03	18.09	18.07
3GPP Rel 6	HSDPA Subtest-2	18.31	18.63	18.45	19.50	18.08	18.10	18.07
3GPP Rel 6	HSDPA Subtest-3	17.79	18.07	18.08	19.00	17.61	17.69	17.64
3GPP Rel 6	HSDPA Subtest-4	17.84	17.93	18.07	19.00	17.59	17.67	17.62
3GPP Rel 8	DC-HSDPA Subtest-1	18.48	18.51	18.67	19.50	18.09	18.16	18.08
3GPP Rel 8	DC-HSDPA Subtest-2	18.30	18.43	18.46	19.50	18.16	17.98	18.06
3GPP Rel 8	DC-HSDPA Subtest-3	17.85	17.80	17.95	19.00	17.81	17.88	17.72
3GPP Rel 8	DC-HSDPA Subtest-4	17.92	17.82	17.97	19.00	17.81	17.67	17.76
3GPP Rel 6	HSUPA Subtest-1	16.31	16.68	16.71	17.50	16.06	15.83	16.26
3GPP Rel 6	HSUPA Subtest-2	16.37	16.41	16.55	17.50	15.99	15.85	16.03
3GPP Rel 6	HSUPA Subtest-3	17.26	17.45	17.67	18.50	17.05	17.00	17.00
3GPP Rel 6	HSUPA Subtest-4	15.77	16.08	16.06	17.00	15.48	15.35	15.61
3GPP Rel 6	HSUPA Subtest-5	17.36	17.46	17.41	18.50	16.90	16.89	16.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.23	17.12	18.00	16.93	16.71	16.77



Band 7 Ant 2 Sensor on

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 25 Ant 1 Sensor on

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 26 Ant 1 Sensor on

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).



Band 2 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									
Frequency (MHz)									
20	QPSK	1	0	13.83	13.80	13.87			
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	13.66	13.92	13.87			
20	QPSK	50	24	13.67	13.90	13.86	15	0	
20	QPSK	50	50	13.69	13.85	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	13.75	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	15	0	
20	16QAM	50	50	13.59	13.74	13.84			
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	13.69	13.80	13.85			
20	64QAM	50	0	13.82	13.80	13.79			
20	64QAM	50	24	13.56	13.88	13.83	15	0	
20	64QAM	50	50	13.65	13.61	13.76			
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	35	0	13.63	13.87	13.83			
15	QPSK	35	20	13.63	13.89	13.84	15	0	
15	QPSK	35	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	13.71			
15	16QAM	35	0	13.60	13.80	13.79			
15	16QAM	35	20	13.62	13.83	13.68	15	0	
15	16QAM	35	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	35	0	13.77	13.76	13.74			
15	64QAM	35	20	13.53	13.85	13.81	15	0	
15	64QAM	35	39	13.69	13.58	13.68			
15	64QAM	75	0	13.69	13.81	13.84			
Channel									
Frequency (MHz)									
10	QPSK	1	0	13.75	13.98	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	13.66	13.81	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	13.75	13.83	15	0	
10	64QAM	1	25	13.71	13.68	13.75			
10	64QAM	1	49	13.55	13.58	13.69			
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	13.84	13.91			
5	QPSK	1	12	13.72	13.82	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	13.75			
5	16QAM	12	0	13.66	13.81	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	13.78	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	13.58	13.69	13.87			
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	13.67	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	1	14	13.51	13.55	13.69			
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	15	0	
1.4	QPSK	3	3	13.66	13.61	13.70			
1.4	QPSK	6	0	13.67	13.83	13.72	15	0	
1.4	16QAM	1	0	13.67	13.88	13.85			
1.4	16QAM	1	5	13.67	13.73	13.89			
1.4	16QAM	1	5	13.61	13.66	13.77	15	0	
1.4	16QAM	3	0	13.58	13.81	13.71			
1.4	16QAM	3	1	13.55	13.69	13.67			
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	13.67	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 Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	13.83	13.80	13.87			
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	Q								



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)									
20	QPSK	1	0	18.11	18.33	18.17	19.5	0	
20	QPSK	1	49	18.61	18.51	18.41			
20	QPSK	1	99	18.34	18.36	18.38	19.5	0	
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	19.5	0	
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	18.55			
20	16QAM	50	0	18.29	18.37	18.35	19.5	0	
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	19.5	0	
20	64QAM	1	49	18.45	18.37	18.47			
20	64QAM	1	99	18.36	18.27	18.39	19.5	0	
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	19.5	0	
Channel				20825	21100	21375			
Frequency (MHz)									
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	19.5	0	
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	19.5	0	
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	19.5	0	
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	19.5	0	
15	64QAM	1	37	18.19	18.10	18.04			
15	64QAM	1	74	18.25	18.19	18.07	19.5	0	
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	18.06	17.96	19.5	0	
Channel				20950	21100	21400			
Frequency (MHz)									
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	19.5	0	
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	19.5	0	
10	16QAM	1	0	18.18	18.24	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	19.5	0	
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	19.5	0	
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	19.5	0	
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			
Frequency (MHz)									
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	19.5	0	
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	19.5	0	
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	19.5	0	
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	19.5	0	
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	17.99			
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	19.5	0	
Channel				20775	21100	21425			
Frequency (MHz)									
3	QPSK	1	0	18.20	18.36	18.03	19.5	0	
3	QPSK	1	12	18.28	18.29	18.14			
3	QPSK	1	24	18.13	17.99	17.97	19.5	0	
3	QPSK	12	0	17.90	18.00	18.01			
3	QPSK	12	7	18.08	18.10	17.95	19.5	0	
3	QPSK	12	13	18.12	18.22	17.91			
3	QPSK	25	0	18.15	18.21	18.06	19.5	0	
3	16QAM	1	0	18.16	18.14	18.11			
3	16QAM	1	12	18.21	18.13	18.21	19.5	0	
3	16QAM	1	24	18.19	18.21	18.26			
3	16QAM	12	0	18.07	17.94	18.07	19.5	0	
3	16QAM	12	7	18.06	18.11	17.99			
3	16QAM	12	13	18.23	18.09	17.92	19.5	0	
3	16QAM	25	0	18.11	18.12	17.90			
3	64QAM	1	0	18.02	18.07	17.90	19.5	0	
3	64QAM	1	12	18.19	18.01	18.26			
3	64QAM	1	24	18.22	18.16	18.11	19.5	0	
3	64QAM	12	0	18.04	18.13	17.99			
3	64QAM	12	7	18.03	18.04	18.02	19.5	0	
3	64QAM	12	13	18.13	18.14	17.99			
3	64QAM	25	0	18.17	18.19	17.96	19.5	0	
Channel				20775	21100	21425			
Frequency (MHz)									
3	QPSK	1	0	18.20	18.36	18.03	19.5	0	
3	QPSK	1	12	18.28	18.29	18.14			
3	QPSK	1	24	18.13	17.99	17.97	19.5	0	
3	QPSK	12	0	17.90	18.00	18.01			
3	QPSK	12	7	18.08	18.10	17.95	19.5	0	
3	QPSK	12	13	18.12	18.22	17.91			
3	QPSK	25	0	18.15	18.21	18.06	19.5	0	
3	16QAM	1	0	18.16	18.14	18.11			
3	16QAM	1	12	18.21	18.13	18.21	19.5	0	
3	16QAM	1	24	18.19	18.21	18.26			
3	16QAM	12	0	18.07	17.94	18.07	19.5	0	
3	16QAM	12	7	18.06	18.11	17.99			
3	16QAM	12	13	18.23	18.09	17.92	19.5	0	
3	16QAM	25	0	18.11	18.12	17.90			
3	64QAM	1	0	18.02	18.07	17.90	19.5	0	
3	64QAM	1	12	18.19	18.01	18.26			
3	64QAM	1	24	18.22	18.16	18.11	19.5	0	
3	64QAM	12	0	18.04	18.13	17.99			
3	64QAM	12	7	18.03	18.04	18.02	19.5	0	
3	64QAM	12	13	18.13	18.14	17.99			
3	64QAM	25	0	18.17	18.19	17.96	19.5	0	
Channel				20775	21100	21425			
Frequency (MHz)									
3	QPSK	1	0	18.20	18.36	18.03	19.5	0	
3	QPSK	1	12	18.28	18.29	18.14			
3	QPSK	1	24	18.13	17.99	17.97	19.5	0	
3	QPSK	12	0	17.90	18.00	18.01			
3	QPSK	12	7	18.08	18.10	17.95	19.5	0	
3	QPSK	12	13	18.12	18.22	17.91			
3	QPSK	25	0	18.15	18.21	18.06	19.5	0	
3	16QAM								



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				
Frequency (MHz)								
10	QPSK	1	0	19.23	19.23	19.23	20.5	0
10	QPSK	1	25	19.21	19.21	19.21		
10	QPSK	1	49	19.00	19.00	19.00		
10	QPSK	25	0	19.16	19.16	19.16		
10	QPSK	25	12	19.13	19.13	19.13	20.5	0
10	QPSK	25	25	19.12	19.12	19.12		
10	QPSK	50	0	19.14	19.14	19.14		
10	16QAM	1	0	19.22	19.22	19.22	20.5	0
10	16QAM	1	49	19.23	19.23	19.23		
10	16QAM	1	49	19.10	19.10	19.10		
10	16QAM	25	0	19.09	19.09	19.09		
10	16QAM	25	12	19.10	19.10	19.10	20.5	0
10	16QAM	25	25	19.04	19.04	19.04		
10	16QAM	50	0	19.04	19.04	19.04		
10	64QAM	1	0	19.24	19.24	19.24	20.5	0
10	64QAM	1	25	19.09	19.09	19.09		
10	64QAM	1	49	19.21	19.21	19.21		
10	64QAM	25	0	19.23	19.23	19.23		
10	64QAM	25	12	19.24	19.24	19.24	20.5	0
10	64QAM	25	25	19.13	19.13	19.13		
10	64QAM	50	0	19.13	19.13	19.13		
Channel				2765	2770	2775		
Frequency (MHz)								
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	19.96	19.93	19.96		
5	QPSK	12	7	19.08	19.10	19.08	20.5	0
5	QPSK	12	13	18.94	18.92	18.98		
5	QPSK	25	0	19.08	18.99	19.07		
5	16QAM	1	0	19.13	19.15	19.01	20.5	0
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	20.5	0
5	16QAM	12	7	19.92	19.91	19.93		
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	20.5	0
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	20.5	0
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	18.95	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			132072	132572
Frequency (MHz)								
20	QPSK	1	0	13.65	13.67	13.67	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		
20	QPSK	50	24	13.56	13.68	13.62	15	0
20	QPSK	50	50	13.48	13.61	13.59		
20	QPSK	100	0	13.52	13.72	13.55		
20	16QAM	1	0	13.39	13.68	13.51	15	0
20	16QAM	1	49	13.34	13.58	13.45		
20	16QAM	1	99	13.40	13.45	13.38		
20	16QAM	50	0	13.57	13.61	13.54	15	0
20	16QAM	50	24	13.57	13.61	13.56		
20	16QAM	50	50	13.39	13.45	13.50		
20	16QAM	100	0	13.33	13.54	13.45		
20	64QAM	1	0	13.41	13.68	13.44	15	0
20	64QAM	1	49	13.41	13.47	13.44		
20	64QAM	1	99	13.40	13.50	13.38		
20	64QAM	50	0	13.44	13.75	13.54	15	0
20	64QAM	50	24	13.38	13.61	13.53		
20	64QAM	50	50	13.39	13.51	13.59		
20	64QAM	100	0	13.41	13.69	13.44		
Channel				132047	132322	132597		
Frequency (MHz)								
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	0
15	16QAM	1	74	13.51	13.55	13.32		
15	16QAM	36	0	13.69	13.70	13.43	15	0
15	16QAM	36	20	13.56	13.46	13.38		
15	16QAM	36	39	13.34	13.40	13.61		
15	16QAM	75	0	13.35	13.47	13.48	15	0
15	64QAM	1	0	13.44	13.71	13.55		
15	64QAM	1	37	13.38	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	0
15	64QAM	36	20	13.41	13.50	13.53		
15	64QAM	36	39	13.36	13.54	13.67		
15	64QAM	75	0	13.46	13.64	13.42		
Channel				132022	132322	132622		
Frequency (MHz)								
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		
10	QPSK	25	12	13.68	13.69	13.74	15	0
10	QPSK	25	25	13.52	13.68	13.65		
10	QPSK	50	0	13.58	13.73	13.50		
10	16QAM	1	0	13.41	13.61	13.48	15	0
10	16QAM	1	25	13.23	13.59	13.40		
10	16QAM	1	49	13.34	13.42	13.33		
10	16QAM	25	0	13.47	13.70	13.31	15	0
10	16QAM	25	12	13.46	13.57	13.63		
10	16QAM	25	25	13.43	13.39	13.40		
10	16QAM	50	0	13.44	13.46	13.38		
10	64QAM	1	0	13.52	13.74	13.51	15	0
10	64QAM	1	25	13.27	13.48	13.54		
10	64QAM	1	49	13.42	13.53	13.44		
10	64QAM	25	0	13.45	13.70	13.63	15	0
10	64QAM	25	12	13.38	13.62	13.56		
10	64QAM	25	25	13.49	13.55	13.59		
10	64QAM	50	0	13.38	13.62	13.53		
Channel				131997	132322	132647		
Frequency (MHz)								
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		
5	16QAM	1	0	13.42	13.57	13.56	15	0
5	16QAM	1	12	13.28	13.66	13.53		
5	16QAM	1	24	13.46	13.45	13.46		
5	16QAM	12	0	13.68	13.56	13.46	15	0
5	16QAM	12	7	13.35	13.51	13.53		
5	16QAM	12	13	13.31	13.48	13.55		
5	16QAM	25	0	13.41	13.52	13.49	15	0
5	64QAM	1	0	13.46	13.64	13.40		
5	64QAM	1	12	13.45	13.38	13.55		
5	64QAM	1	24	13.52	13.44	13.40	15	0
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				131979	132322	132657		
Frequency (MHz)								
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	13.60	13.72		
3	QPSK	8	7	13.42	13.63	13.54		
3	QPSK	15	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	13.36	15	0
3	16QAM	1	14	13.49	13.46	13.40		
3	16QAM							



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	18.38	18.60	18.33	20.5	0	
20	QPSK	1	49	18.14	18.34	18.26			
20	QPSK	1	99	18.26	18.18	18.23			
20	QPSK	50	0	18.22	18.42	18.31	20.5	0	
20	QPSK	50	24	18.19	18.36	18.41			
20	QPSK	50	50	18.29	18.25	18.27			
20	QPSK	100	0	18.18	18.33	18.22	20.5	0	
20	16QAM	1	0	18.39	18.41	18.15			
20	16QAM	1	49	18.10	18.17	18.22			
20	16QAM	1	99	18.05	18.12	18.23	20.5	0	
20	16QAM	50	0	18.16	18.20	18.30			
20	16QAM	50	24	18.06	18.39	18.29			
20	16QAM	50	50	18.11	18.09	18.37	20.5	0	
20	16QAM	100	0	18.17	18.15	18.27			
20	16QAM	1	0	18.22	18.26	18.20			
20	64QAM	1	49	18.14	18.21	18.20	20.5	0	
20	64QAM	1	99	18.08	18.33	18.11			
20	64QAM	50	0	18.04	18.18	18.42			
20	64QAM	50	24	18.12	18.36	18.38	20.5	0	
20	64QAM	50	50	18.07	18.13	18.22			
20	64QAM	100	0	18.04	18.15	18.12			
Channel									
Frequency (MHz)									
15	QPSK	1	0	18.36	18.44	18.25	20.5	0	
15	QPSK	1	37	18.10	18.28	18.24			
15	QPSK	1	74	18.22	18.14	18.19			
15	QPSK	36	0	18.22	18.34	18.26	20.5	0	
15	QPSK	36	20	18.15	18.29	18.39			
15	QPSK	36	39	18.22	18.20	18.21			
15	QPSK	75	0	18.12	18.27	18.19	20.5	0	
15	16QAM	1	0	18.32	18.35	18.09			
15	16QAM	1	37	18.03	18.11	18.15			
15	16QAM	1	74	18.03	18.08	18.16	20.5	0	
15	16QAM	36	0	18.08	18.16	18.26			
15	16QAM	36	20	18.14	18.33	18.27			
15	16QAM	36	39	18.04	18.07	18.35	20.5	0	
15	16QAM	75	0	18.12	18.11	18.25			
15	64QAM	1	0	18.16	18.20	18.13			
15	64QAM	1	37	18.11	18.18	18.17	20.5	0	
15	64QAM	1	74	18.06	18.04	18.07			
15	64QAM	36	0	18.02	18.14	18.36			
15	64QAM	36	20	18.07	18.32	18.32	20.5	0	
15	64QAM	36	39	18.01	18.08	18.18			
15	64QAM	75	0	18.00	18.08	18.08			
Channel									
Frequency (MHz)									
10	QPSK	1	0	18.30	18.46	18.31	20.5	0	
10	QPSK	1	25	18.10	18.27	18.19			
10	QPSK	1	49	18.20	18.14	18.20			
10	QPSK	25	0	18.19	18.37	18.29	20.5	0	
10	QPSK	25	12	18.13	18.28	18.37			
10	QPSK	25	25	18.22	18.21	18.19			
10	QPSK	50	0	18.14	18.31	18.18	20.5	0	
10	16QAM	1	0	18.32	18.38	18.10			
10	16QAM	1	25	18.08	18.11	18.18			
10	16QAM	1	49	18.03	18.08	18.19	20.5	0	
10	16QAM	25	0	18.11	18.14	18.24			
10	16QAM	25	12	18.03	18.37	18.22			
10	16QAM	25	25	18.09	18.06	18.35	20.5	0	
10	16QAM	50	0	18.15	18.10	18.23			
10	64QAM	1	1	18.15	18.19	18.17			
10	64QAM	1	25	18.11	18.18	18.14	20.5	0	
10	64QAM	1	49	18.03	18.05	18.03			
10	64QAM	25	0	18.08	18.11	18.36			
10	64QAM	25	12	18.08	18.30	18.32	20.5	0	
10	64QAM	25	25	18.00	18.08	18.18			
10	64QAM	50	0	18.06	18.10	18.09			
Channel									
Frequency (MHz)									
5	QPSK	1	0	18.32	18.45	18.26	20.5	0	
5	QPSK	1	12	18.09	18.30	18.18			
5	QPSK	1	24	18.23	18.11	18.17			
5	QPSK	12	0	18.18	18.36	18.24	20.5	0	
5	QPSK	12	7	18.13	18.30	18.37			
5	QPSK	12	13	18.22	18.20	18.20			
5	QPSK	25	0	18.15	18.30	18.17	20.5	0	
5	16QAM	1	0	18.36	18.36	18.09			
5	16QAM	1	12	18.09	18.11	18.19			
5	16QAM	1	24	18.02	18.08	18.19	20.5	0	
5	16QAM	12	0	18.08	18.13	18.28			
5	16QAM	12	7	18.00	18.34	18.26			
5	16QAM	12	13	18.04	18.07	18.33	20.5	0	
5	16QAM	25	0	18.13	18.12	18.25			
5	64QAM	1	0	18.16	18.19	18.16			
5	64QAM	1	12	18.11	18.17	18.12	20.5	0	
5	64QAM	1	24	18.01	18.04	18.05			
5	64QAM	12	0	18.09	18.12	18.36			
5	64QAM	12	7	18.08	18.28	18.33	20.5	0	
5	64QAM	12	13	18.03	18.09	18.16			
5	64QAM	25	0	18.08	18.08	18.06			
Channel									
Frequency (MHz)									
3	QPSK	1	0	18.33	18.46	18.25	20.5	0	
3	QPSK	1	8	18.06	18.31	18.19			
3	QPSK	1	14	18.24	18.14	18.18			
3	QPSK	8	0	18.16	18.36	18.23	20.5	0	
3	QPSK	8	4	18.15	18.28	18.38			
3	QPSK	8	7	18.25	18.21	18.20			
3	QPSK	15	0	18.11	18.25	18.15	20.5	0	
3	16QAM	1	0	18.36	18.37	18.11			
3	16QAM	1	8	18.07	18.12	18.18			
3	16QAM	1	14	18.02	18.06	18.16	20.5	0	
3	16QAM	8	0	18.13	18.17	18.22			
3	16QAM	8	4	18.09	18.36	18.23			
3	16QAM	8	7	18.08	18.07	18.31	20.5	0	
3	16QAM	15	0	18.13	18.09	18.24			
3	64QAM	1	8	18.06	18.19	18.12			
3	64QAM	1	14	18.02	18.03	18.09	20.5	0	
3	64QAM	8	0	18.00	18.12	18.38			
3	64QAM	8	4	18.05	18.33	18.32			
3	64QAM	8	7	18.09	18.06	18.17	20.5	0	
3	64QAM	15	0	18.01	18.07	18.09			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	18.31	18.45	18.31	20.5	0	
1.4	QPSK	1	3	18.10	18.29	18.20			
1.4	QPSK	1	5	18.19	18.16	18.20			
1.4	QPSK	3	0	18.15	18.38	18.28	20.5	0	
1.4	QPSK	3	1	18.14	18.31	18.36			
1.4	QPSK	3	3	18.25	18.18	18.23			
1.4	QPSK	6	0	18.12	18.26	18.17	20.5	0	
1.4	16QAM	1	0	18.34	18.35	18.09			
1.4	16QAM	1	3	18.08	18.15	18.18			
1.4	16QAM	1	5	18.03	18.08	18.19	20.5	0	
1.4	16QAM	3	0	18.11	18.17	18.26			
1.4	16QAM	3	1	18.01	18.33	18.25			
1.4	16QAM	3	3	18.07	18.07	18.33	20.5	0	
1.4	16QAM	6	0	18.14	18.11	18.23			
1.4	64QAM	1	0	18.19	18.20	18.18			
1.4	64QAM	1	3	18.08	18.19	18.15	20.5	0	
1.4	64QAM	1	5	18.03	18.04	18.26			
1.4	64QAM	3	0	18.08	18.11	18.35			
1.4	64QAM	3	1	18.09	18.32	18.34	20.5	0	
1.4	64QAM	3	3	18.04	18.09	18.20			
1.4	64QAM	6	0	18.06	18.10	18.09			

Band 4 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	18.32	18.32	18.58	20	0	
20	QPSK	1	49	18.51	18.55	18.60			
20	QPSK	1	99	18.43	18.51	18.51			
20	QPSK	50	0	18.52	18.61	18.53	20	0	
20	QPSK	50	24	18.53	18.60	18.47			
20	QPSK	50	50	18.33	18.41	18.36			
20	QPSK	100	0	18.29	18.47	18.36	20	0	
20	16QAM	1	0	18.43	18.56	18.45			
20	16QAM	1	49	18.32	18.42	18.45			
20	16QAM	1	99	18.35	18.48	18.37	20	0	
20	16QAM	50	0	18.40	18.51	18.55			
20	16QAM	50	24	18.49	18.52	18.42			
20	16QAM	50	50	18.30	18.27	18.26	20	0	
20	16QAM	100	0	18.30	18.42	18.28			
20	64QAM	1	0	18.49	18.51	18.54			
20	64QAM	1	49	18.35	18.51	18.41	20	0	
20	64QAM	1	99	18.30					



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							Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				26140	26340	26590					
20	QPSK	1	0	19.23	19.31	19.43	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	19.46	20.5	0			
20	QPSK	50	24	19.31	19.43	19.31					
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	16QAM	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	19.36	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	19.15	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	19.21	19.41	19.15					
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	19.14	19.36	19.00					
15	64QAM	75	0	19.26	19.06	19.00					
Channel							26190	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	19.19	19.33					
10	QPSK	25	0	19.10	19.29	19.31	20.5	0			
10	QPSK	25	12	19.33	19.39	19.17					
10	QPSK	25	25	19.31	19.17	19.14					
10	QPSK	50	0	19.23	19.27	19.15	20.5	0			
10	16QAM	1	0	19.18	19.25	19.22					
10	16QAM	1	25	19.24	19.31	19.12					
10	16QAM	1	49	19.07	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	19.29	20.5	0			
10	64QAM	1	49	19.03	19.19	19.19					
10	64QAM	25	0	19.23	19.28	19.82					
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	19.38	20.5	0			
5	QPSK	1	24	19.21	19.36	19.23					
5	QPSK	12	0	19.15	19.45	19.38					
5	QPSK	12	7	19.29	19.35	19.34	20.5	0			
5	QPSK	12	13	19.22	19.17	19.15					
5	QPSK	25	0	19.19	19.17	19.07					
5	16QAM	1	0	19.15	19.17	19.31	20.5	0			
5	16QAM	1	12	19.20	19.30	19.12					
5	16QAM	1	24	19.10	19.20	19.17					
5	16QAM	12	0	19.02	19.27	19.13	20.5	0			
5	16QAM	12	7	19.04	19.18	19.13					
5	16QAM	12	13	19.07	19.11	19.00					
5	16QAM	25	0	19.04	18.93	19.26	20.5	0			
5	64QAM	1	0	19.04	19.25	19.24					
5	64QAM	1	12	19.00	19.36	19.06					
5	64QAM	1	24	19.08	19.35	19.04	20.5	0			
5	64QAM	12	0	19.12	19.27	19.10					
5	64QAM	12	7	19.28	19.21	19.35					
5	64QAM	12	13	19.01	19.15	18.99	20.5	0			
5	64QAM	25	0	19.08	19.05	19.27					
Channel									26055	26340	26675
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	19.36	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	19.04	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							26040	26330	26035	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1850.7	1880	1914.3		
1.4	QPSK	1	0	19.28	19.47	19.29	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	19.28	20.5	0			
1.4	QPSK	3	1	19.13	19.34	19.30					
1.4	QPSK	3	3	19.28	19.25	19.04					
1.4	QPSK	6	0	19.27	19.27	19.22	20.5	0			
1.4	16QAM	1	0	19.15	19.30	19.35					
1.4	16QAM	1	3	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	19.36					
1.4	64QAM	1	3	19.15	19.35	19.15	20.5	0			
1.4	64QAM	1	5	19.17	19.16	19.09					
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 30 Ant 2 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							Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				27110	27110	27110				
10	QPSK	1	0	21.86	21.86	21.86	23	0		
10	QPSK	1	25	21.85	21.85	21.85				
10	QPSK	1	49	21.72	21.72	21.72				
10	QPSK	25	0	21.81	21.81	21.81	23	0		
10	QPSK	25	12	21.89	21.89	21.89				
10	QPSK	25	25	21.73	21.73	21.73				
10	QPSK	50	0	21.81	21.81	21.81	23	0		
10	16QAM	1	0	21.92	21.92	21.92				
10	16QAM	1	25	21.86	21.86	21.86				
10	16QAM	1	49	21.77	21.77	21.77	22	1		
10	16QAM	25	0	20.93	20.93	20.93				
10	16QAM	25	12	20.85	20.85	20.85				
10	16QAM	25	25	20.81	20.81	20.81	22	1		
10	16QAM	50	0	20.76	20.76	20.76				
10	64QAM	1	0	20.94	20.94	20.94				
10	64QAM	1	25	20.73	20.73	20.73	22	1		
10	64QAM	1	49	20.68	20.68	20.68				
10	64QAM	25	0	19.87	19.87	19.87				
10	64QAM	25	12	19.73	19.73	19.73	21	2		
10	64QAM									



Band 38 Ant 2 Sensor on

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low, Power Middle, Power High, Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 41 Ant 2 Sensor on

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low, Power Middle, Power High, Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 41 Ant 2 HPUE Sensor on

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low, Power Middle, Power High, Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).



Band 38 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			
									37950	38000	38150	
Frequency (MHz)												
20	QPSK	1	0	18.84	18.91	18.74	20	0				
20	QPSK	1	49	18.87	18.89	18.81	20	0				
20	QPSK	1	99	18.87	18.89	18.81	20	0				
20	QPSK	50	0	18.72	18.83	18.66	20	0				
20	QPSK	50	24	18.78	18.82	18.65	20	0				
20	QPSK	50	50	18.81	18.81	18.70	20	0				
20	QPSK	100	0	18.64	18.75	18.70	20	0				
20	16QAM	1	0	18.86	18.81	18.84	20	0				
20	16QAM	1	49	18.78	18.89	18.82	20	0				
20	16QAM	1	99	18.78	18.88	18.80	20	0				
20	16QAM	50	0	18.50	18.66	18.63	20	0				
20	16QAM	50	24	18.72	18.80	18.69	20	0				
20	16QAM	50	50	18.70	18.68	18.66	20	0				
20	16QAM	100	0	18.83	18.70	18.62	20	0				
20	64QAM	1	0	18.86	18.70	18.67	20	0				
20	64QAM	1	49	18.88	18.71	18.67	20	0				
20	64QAM	1	99	18.82	18.68	18.60	20	0				
20	64QAM	50	0	18.50	18.74	18.74	20	0				
20	64QAM	50	24	18.47	18.65	18.63	20	0				
20	64QAM	50	50	18.59	18.80	18.80	20	0				
20	64QAM	100	0	18.83	18.79	18.79	20	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.67	18.76	18.58	18.00	0				
15	QPSK	1	37	18.70	18.83	18.67	18.00	0				
15	QPSK	1	74	18.71	18.89	18.66	18.00	0				
15	QPSK	36	0	18.62	18.66	18.52	18.00	0				
15	QPSK	36	20	18.64	18.62	18.45	18.00	0				
15	QPSK	36	39	18.68	18.67	18.50	18.00	0				
15	QPSK	75	0	18.55	18.62	18.49	18.00	0				
15	16QAM	1	0	18.70	18.62	18.65	18.00	0				
15	16QAM	1	37	18.48	18.69	18.63	18.00	0				
15	16QAM	1	74	18.58	18.54	18.67	18.00	0				
15	16QAM	36	0	18.30	18.69	18.44	18.00	0				
15	16QAM	36	20	18.59	18.60	18.79	18.00	0				
15	16QAM	36	39	18.57	18.50	18.48	18.00	0				
15	16QAM	75	0	18.73	18.55	18.44	18.00	0				
15	64QAM	1	0	18.60	18.51	18.58	18.00	0				
15	64QAM	1	37	18.45	18.55	18.73	18.00	0				
15	64QAM	1	74	18.67	18.56	18.66	18.00	0				
15	64QAM	36	0	18.74	18.59	18.60	18.00	0				
15	64QAM	36	20	18.34	18.60	18.60	18.00	0				
15	64QAM	36	39	18.42	18.66	18.61	18.00	0				
15	64QAM	75	0	18.67	18.62	18.61	18.00	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	18.66	18.79	18.58	18.00	0				
10	QPSK	1	25	18.63	18.64	18.70	18.00	0				
10	QPSK	1	49	18.68	18.50	18.62	18.00	0				
10	QPSK	25	0	18.62	18.68	18.47	18.00	0				
10	QPSK	25	12	18.62	18.67	18.52	18.00	0				
10	QPSK	25	25	18.64	18.67	18.60	18.00	0				
10	QPSK	50	0	18.44	18.63	18.55	18.00	0				
10	16QAM	1	0	18.67	18.68	18.65	18.00	0				
10	16QAM	1	25	18.63	18.69	18.42	18.00	0				
10	16QAM	1	49	18.60	18.54	18.65	18.00	0				
10	16QAM	25	0	18.40	18.70	18.50	18.00	0				
10	16QAM	25	12	18.77	18.68	18.39	18.00	0				
10	16QAM	25	25	18.52	18.55	18.42	18.00	0				
10	16QAM	50	0	18.66	18.46	18.43	18.00	0				
10	64QAM	1	0	18.69	18.67	18.42	18.00	0				
10	64QAM	1	25	18.34	18.52	18.30	18.00	0				
10	64QAM	1	49	18.48	18.61	18.48	18.00	0				
10	64QAM	25	0	18.44	18.42	18.62	18.00	0				
10	64QAM	25	12	18.60	18.59	18.44	18.00	0				
10	64QAM	25	25	18.45	18.43	18.44	18.00	0				
10	64QAM	50	0	18.72	18.51	18.38	18.00	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	18.68	18.73	18.57	18.00	0				
5	QPSK	1	12	18.62	18.67	18.71	18.00	0				
5	QPSK	1	24	18.69	18.52	18.72	18.00	0				
5	QPSK	12	0	18.06	18.64	18.49	18.00	0				
5	QPSK	12	7	18.64	18.71	18.53	18.00	0				
5	QPSK	12	13	18.70	18.68	18.50	18.00	0				
5	QPSK	25	0	18.49	18.66	18.58	18.00	0				
5	16QAM	1	0	18.70	18.62	18.69	18.00	0				
5	16QAM	1	12	18.65	18.76	18.39	18.00	0				
5	16QAM	1	24	18.67	18.53	18.69	18.00	0				
5	16QAM	12	0	18.32	18.73	18.51	18.00	0				
5	16QAM	12	7	18.60	18.80	18.78	18.00	0				
5	16QAM	12	13	18.54	18.51	18.67	18.00	0				
5	16QAM	25	0	18.69	18.54	18.50	18.00	0				
5	64QAM	1	0	18.37	18.56	18.52	18.00	0				
5	64QAM	1	12	18.69	18.57	18.67	18.00	0				
5	64QAM	1	24	18.72	18.57	18.69	18.00	0				
5	64QAM	12	0	18.77	18.56	18.58	18.00	0				
5	64QAM	12	7	18.34	18.48	18.30	18.00	0				
5	64QAM	12	13	18.45	18.61	18.71	18.00	0				
5	64QAM	25	0	18.72	18.64	18.69	18.00	0				

Band 41 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			
									37950	40185	41690	
Frequency (MHz)												
20	QPSK	1	0	18.58	18.53	18.64	18.00	0				
20	QPSK	1	49	18.40	18.50	18.60	18.00	0				
20	QPSK	1	99	18.56	18.53	18.81	18.00	0				
20	QPSK	50	0	18.66	18.74	18.70	18.00	0				
20	QPSK	50	24	18.55	18.69	18.46	18.00	0				
20	QPSK	50	50	18.51	18.59	18.60	18.00	0				
20	QPSK	100	0	18.48	18.52	18.78	18.00	0				
20	16QAM	1	0	18.62	18.70	18.45	18.00	0				
20	16QAM	1	49	18.52	18.64	18.53	18.00	0				
20	16QAM	1	99	18.76	18.72	18.54	18.00	0				
20	16QAM	50	0	18.68	18.82	18.42	18.00	0				
20	16QAM	50	24	18.61	18.65	18.38	18.00	0				
20	16QAM	50	50	18.52	18.69	18.44	18.00	0				
20	16QAM	100	0	18.59	18.60	18.28	18.00	0				
20	64QAM	1	0	18.60	18.64	18.47	18.00	0				
20	64QAM	1	49	18.49	18.66	18.52	18.00	0				
20	64QAM	1	99	18.41	18.78	18.40	18.00	0				
20	64QAM	50	0	18.78	18.56	18.50	18.00	0				
20	64QAM	50	24	18.52	18.47	18.43	18.00	0				
20	64QAM	50	50	18.68	18.52	18.35	18.00	0				
20	64QAM	100	0	18.77	18.45	18.56	18.00	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.62	18.38	18.66	18.00	0				
15	QPSK	1	37	18.39	18.54	18.55	18.00	0				
15	QPSK	1	74	18.30	18.58	18.64	18.00	0				
15	QPSK	36	0	18.56	18.52	18.33	18.00	0				
15	QPSK	36	20	18.67	18.54	18.52	18.00	0				
15	QPSK	36	39	18.46	18.66	18.54	18.00	0				
15	QPSK	75	0	18.46	18.58	18.35	18.00	0				
15	16QAM	1	0	18.58	18.55	18.33	18.00	0				
15	16QAM	1	37	18.48	18.61	18.29	18.00	0				
15	16QAM	1	74	18.63	18.55	18.38	18.00	0				
15	16QAM	36	0	18.67	18.69	18.24	18.00	0				
15	16QAM	36	20	18.59	18.40	18.47	18.00	0				
15	16QAM	36	39	18.33	18.63	18.20	18.00	0				
15	16QAM	75	0									



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	2546.3	2593	2637.3	2682.5		
15	QPSK	1	0	21.00	20.99	21.04	20.90	20.76		
15	QPSK	1	37	20.89	21.07	20.98	21.11	20.90		
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	19.92	19.91	20.03	19.71	20.08		
15	64QAM	1	0	19.86	19.54	19.80	19.64	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	19.94	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		
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		
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	23.17	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)				2503.5	2546.3	2593	2637.3	2682.5		
15	QPSK	1	0	24.30	24.31	24.35	24.25	24.19		
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	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	Target 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	Target 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	Target 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	Target 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

