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

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

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

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

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

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

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.57	32.85	32.64	33.50	23.57	23.85	23.64	24.50
GPRS 1 Tx slot	32.56	32.84	32.62	33.50	23.56	23.84	23.62	24.50
GPRS 2 Tx slots	30.72	30.78	30.77	31.50	24.72	24.78	24.77	25.50
GPRS 3 Tx slots	29.86	30.03	30.02	31.00	25.60	25.77	25.76	26.74
GPRS 4 Tx slots	28.12	28.37	28.46	29.50	25.12	25.37	25.46	26.50
EDGE 1 Tx slot	26.63	26.62	26.63	27.50	17.63	17.62	17.63	18.50
EDGE 2 Tx slots	25.52	25.57	25.51	26.50	19.52	19.57	19.51	20.50
EDGE 3 Tx slots	23.92	23.94	23.91	24.50	19.66	19.68	19.65	20.24
EDGE 4 Tx slots	22.31	22.28	22.32	23.50	19.31	19.28	19.32	20.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.90	29.87	29.83	30.50	20.90	20.87	20.83	21.50
GPRS 1 Tx slot	29.89	29.85	29.81	30.50	20.89	20.85	20.81	21.50
GPRS 2 Tx slots	28.87	28.89	28.76	29.50	22.87	22.89	22.76	23.50
GPRS 3 Tx slots	27.26	27.28	27.21	28.00	23.00	23.02	22.95	23.74
GPRS 4 Tx slots	25.60	25.50	25.62	26.50	22.60	22.50	22.62	23.50
EDGE 1 Tx slot	26.43	26.28	26.37	27.50	17.43	17.28	17.37	18.50
EDGE 2 Tx slots	24.91	24.72	24.85	25.50	18.91	18.72	18.85	19.50
EDGE 3 Tx slots	23.79	23.61	23.73	24.50	19.53	19.35	19.47	20.24
EDGE 4 Tx slots	21.70	21.58	21.61	22.50	18.70	18.58	18.61	19.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.10	23.17	23.08	24.00	22.90	23.12	23.12	24.00	23.00	23.02	22.89	24.00
3GPP Rel 99	RMC 12.2Kbps	23.11	23.19	23.09	24.00	22.91	23.15	23.13	24.00	23.01	23.04	22.92	24.00
3GPP Rel 6	HSDPA Subtest-1	22.13	22.24	22.14	23.00	21.94	22.17	22.17	23.00	22.05	22.03	22.04	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.25	22.16	23.00	21.92	22.19	22.19	23.00	22.07	22.09	21.75	23.00
3GPP Rel 6	HSDPA Subtest-3	21.70	21.81	21.67	22.50	21.43	21.71	21.70	22.50	21.56	21.60	21.23	22.50
3GPP Rel 6	HSDPA Subtest-4	21.63	21.78	21.68	22.50	21.45	21.71	21.67	22.50	21.55	21.59	21.56	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.12	22.23	22.13	23.00	21.92	22.15	22.16	23.00	22.04	22.02	22.03	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.23	22.15	23.00	21.91	22.18	22.18	23.00	21.55	21.59	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.68	21.80	21.65	22.50	21.42	21.68	21.69	22.50	21.52	21.58	21.22	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.61	21.77	21.67	22.50	21.44	21.70	21.65	22.50	22.03	22.01	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	22.09	22.23	22.14	23.00	21.87	22.13	22.15	23.00	22.01	22.03	22.05	23.00
3GPP Rel 6	HSUPA Subtest-2	20.15	20.24	20.09	21.00	19.89	20.13	20.15	21.00	20.09	20.08	20.05	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.18	21.10	22.00	20.89	21.14	21.15	22.00	21.00	21.05	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	20.11	20.19	20.09	21.00	19.87	20.13	20.15	21.00	20.00	20.07	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.20	22.20	23.00	21.90	22.10	22.10	23.00	22.10	22.10	22.00	23.00

Band 2 (1900MHz Band)
Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	23.05	23.16	23.01	24	0
20	QPSK	1	49	22.98	23.06	23.10		
20	QPSK	1	99	22.96	23.00	22.94		
20	QPSK	50	0	22.00	22.14	22.03	23	1
20	QPSK	50	24	22.02	22.08	22.13		
20	QPSK	50	50	22.07	22.06	22.07		
20	QPSK	100	0	22.10	22.12	21.96		
20	16QAM	1	0	22.43	22.50	22.40	23	1
20	16QAM	1	49	22.41	22.42	22.48		
20	16QAM	1	99	22.34	22.39	22.31		
20	16QAM	50	0	21.15	21.20	21.19	22	2
20	16QAM	50	24	21.16	21.21	21.25		
20	16QAM	50	50	21.17	21.17	21.16		
20	16QAM	100	0	21.19	21.19	21.11		
20	64QAM	1	0	21.56	21.57	21.52	22	2
20	64QAM	1	49	21.49	21.53	21.56		
20	64QAM	1	99	21.45	21.47	21.37		
20	64QAM	50	0	20.36	20.39	20.35	21	3
20	64QAM	50	24	20.38	20.41	20.44		
20	64QAM	50	50	20.36	20.39	20.36		
20	64QAM	100	0	20.41	20.41	20.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.99	23.05	23.13	24	0
15	QPSK	1	37	22.96	23.04	23.06		
15	QPSK	1	74	22.88	22.99	22.95		
15	QPSK	36	0	22.04	22.07	22.09	23	1
15	QPSK	36	20	22.03	22.11	22.12		
15	QPSK	36	39	21.97	22.03	22.03		
15	QPSK	75	0	21.98	22.05	22.06		
15	16QAM	1	0	22.39	22.38	22.48	23	1
15	16QAM	1	37	22.38	22.38	22.42		
15	16QAM	1	74	22.30	22.32	22.33		
15	16QAM	36	0	21.15	21.23	21.25	22	2
15	16QAM	36	20	21.18	21.23	21.26		
15	16QAM	36	39	21.09	21.21	21.16		
15	16QAM	75	0	21.14	21.19	21.21		
15	64QAM	1	0	21.55	21.54	21.60	22	2
15	64QAM	1	37	21.51	21.51	21.50		
15	64QAM	1	74	21.39	21.44	21.41		
15	64QAM	36	0	20.39	20.44	20.44	21	3
15	64QAM	36	20	20.41	20.44	20.47		
15	64QAM	36	39	20.31	20.42	20.38		
15	64QAM	75	0	20.37	20.41	20.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.11	23.15	23.09	24	0
10	QPSK	1	25	22.99	23.04	23.05		
10	QPSK	1	49	22.96	23.06	22.95		
10	QPSK	25	0	22.02	22.10	22.11	23	1
10	QPSK	25	12	22.02	22.10	22.07		
10	QPSK	25	25	21.96	22.06	22.05		
10	QPSK	50	0	21.99	22.07	22.07		
10	16QAM	1	0	22.47	22.48	22.44	23	1
10	16QAM	1	25	22.37	22.42	22.41		
10	16QAM	1	49	22.41	22.45	22.31		
10	16QAM	25	0	21.17	21.23	21.22	22	2
10	16QAM	25	12	21.16	21.21	21.21		
10	16QAM	25	25	21.10	21.18	21.15		
10	16QAM	50	0	21.11	21.20	21.18		
10	64QAM	1	0	21.59	21.59	21.57	22	2
10	64QAM	1	25	21.47	21.51	21.51		
10	64QAM	1	49	21.47	21.53	21.40		
10	64QAM	25	0	20.38	20.43	20.43	21	3
10	64QAM	25	12	20.39	20.44	20.42		
10	64QAM	25	25	20.30	20.39	20.36		
10	64QAM	50	0	20.33	20.40	20.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.97	23.02	23.00	24	0
5	QPSK	1	12	22.99	23.04	23.01		
5	QPSK	1	24	22.91	23.00	22.96		
5	QPSK	12	0	22.04	22.10	22.08	23	1
5	QPSK	12	7	22.03	22.13	22.10		
5	QPSK	12	13	21.99	22.06	22.03		
5	QPSK	25	0	21.98	22.07	22.07		
5	16QAM	1	0	22.32	22.37	22.38	23	1
5	16QAM	1	12	22.40	22.36	22.37		
5	16QAM	1	24	22.32	22.36	22.32		
5	16QAM	12	0	21.16	21.22	21.20	22	2
5	16QAM	12	7	21.22	21.25	21.22		
5	16QAM	12	13	21.14	21.19	21.17		
5	16QAM	25	0	21.11	21.21	21.17		
5	64QAM	1	0	21.50	21.51	21.48	22	2
5	64QAM	1	12	21.49	21.50	21.48		
5	64QAM	1	24	21.44	21.45	21.45		
5	64QAM	12	0	20.36	20.44	20.39	21	3
5	64QAM	12	7	20.37	20.45	20.42		
5	64QAM	12	13	20.34	20.39	20.39		
5	64QAM	25	0	20.29	20.39	20.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.96	23.04	22.96	24	0
3	QPSK	1	8	22.95	23.05	22.95		
3	QPSK	1	14	22.92	23.00	22.92		
3	QPSK	8	0	22.00	22.06	22.00	23	1
3	QPSK	8	4	22.05	22.09	22.05		
3	QPSK	8	7	21.98	22.07	21.98		
3	QPSK	15	0	21.97	22.05	21.97		
3	16QAM	1	0	22.36	22.40	22.36	23	1
3	16QAM	1	8	22.39	22.44	22.39		
3	16QAM	1	14	22.30	22.37	22.30		
3	16QAM	8	0	21.21	21.24	21.21	22	2
3	16QAM	8	4	21.23	21.30	21.23		
3	16QAM	8	7	21.18	21.24	21.18		
3	16QAM	15	0	21.13	21.18	21.13		
3	64QAM	1	0	21.45	21.49	21.45	22	2
3	64QAM	1	8	21.49	21.54	21.49		
3	64QAM	1	14	21.44	21.48	21.44		
3	64QAM	8	0	20.37	20.44	20.37	21	3
3	64QAM	8	4	20.41	20.46	20.41		
3	64QAM	8	7	20.34	20.39	20.34		
3	64QAM	15	0	20.33	20.38	20.33		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.90	22.96	22.92	24	0
1.4	QPSK	1	3	22.97	23.06	23.02		
1.4	QPSK	1	5	22.94	22.98	22.92		
1.4	QPSK	3	0	22.96	22.98	22.96		
1.4	QPSK	3	1	22.99	23.08	23.03		
1.4	QPSK	3	3	22.96	23.04	22.97		
1.4	QPSK	6	0	21.93	22.02	21.97	23	1
1.4	16QAM	1	0	22.28	22.32	22.27	23	1
1.4	16QAM	1	3	22.39	22.40	22.31		
1.4	16QAM	1	5	22.30	22.32	22.25		
1.4	16QAM	3	0	22.08	22.10	22.08		
1.4	16QAM	3	1	22.12	22.17	22.11		
1.4	16QAM	3	3	22.04	22.07	22.03		
1.4	16QAM	6	0	21.15	21.19	21.18	22	2
1.4	64QAM	1	0	21.38	21.44	21.40	22	2
1.4	64QAM	1	3	21.49	21.47	21.49		
1.4	64QAM	1	5	21.41	21.41	21.36		
1.4	64QAM	3	0	21.34	21.35	21.32		
1.4	64QAM	3	1	21.35	21.41	21.31		
1.4	64QAM	3	3	21.32	21.35	21.29		
1.4	64QAM	6	0	20.26	20.34	20.30	21	3

Band 4 (AWS Band)
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.02	23.06	23.02	24	0
20	QPSK	1	49	22.99	23.07	23.00		
20	QPSK	1	99	22.97	22.93	22.96		
20	QPSK	50	0	22.03	22.16	22.12	23	1
20	QPSK	50	24	22.13	22.14	22.05		
20	QPSK	50	50	22.05	22.02	22.07		
20	QPSK	100	0	22.08	22.09	22.03		
20	16QAM	1	0	22.37	22.53	22.50	23	1
20	16QAM	1	49	22.42	22.54	22.50		
20	16QAM	1	99	22.42	22.36	22.35		
20	16QAM	50	0	21.18	21.26	21.20	22	2
20	16QAM	50	24	21.24	21.26	21.19		
20	16QAM	50	50	21.20	21.16	21.20		
20	16QAM	100	0	21.21	21.21	21.12		
20	64QAM	1	0	21.48	21.65	21.61	22	2
20	64QAM	1	49	21.53	21.66	21.62		
20	64QAM	1	99	21.55	21.45	21.50		
20	64QAM	50	0	20.37	20.48	20.42	21	3
20	64QAM	50	24	20.47	20.45	20.38		
20	64QAM	50	50	20.41	20.37	20.40		
20	64QAM	100	0	20.42	20.43	20.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.03	23.03	23.00	24	0
15	QPSK	1	37	22.99	23.02	23.02		
15	QPSK	1	74	23.01	22.96	22.97		
15	QPSK	36	0	22.03	22.14	22.04	23	1
15	QPSK	36	20	22.15	22.10	22.15		
15	QPSK	36	39	22.05	22.04	22.09		
15	QPSK	75	0	22.07	22.08	22.02		
15	16QAM	1	0	22.38	22.61	22.49	23	1
15	16QAM	1	37	22.38	22.50	22.49		
15	16QAM	1	74	22.41	22.40	22.33		
15	16QAM	36	0	21.16	21.28	21.18	22	2
15	16QAM	36	20	21.28	21.26	21.27		
15	16QAM	36	39	21.20	21.20	21.17		
15	16QAM	75	0	21.21	21.22	21.11		
15	64QAM	1	0	21.47	21.67	21.57	22	2
15	64QAM	1	37	21.47	21.61	21.58		
15	64QAM	1	74	21.57	21.51	21.48		
15	64QAM	36	0	20.37	20.52	20.35	21	3
15	64QAM	36	20	20.47	20.48	20.48		
15	64QAM	36	39	20.43	20.41	20.39		
15	64QAM	75	0	20.39	20.48	20.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.98	23.01	23.02	24	0
10	QPSK	1	25	22.98	23.01	23.08		
10	QPSK	1	49	22.90	22.97	22.96		
10	QPSK	25	0	22.03	22.14	22.14	23	1
10	QPSK	25	12	22.04	22.10	22.14		
10	QPSK	25	25	21.97	22.08	22.07		
10	QPSK	50	0	22.01	22.07	22.11		
10	16QAM	1	0	22.34	22.58	22.53	23	1
10	16QAM	1	25	22.36	22.49	22.47		
10	16QAM	1	49	22.33	22.37	22.36		
10	16QAM	25	0	21.14	21.23	21.23	22	2
10	16QAM	25	12	21.16	21.24	21.21		
10	16QAM	25	25	21.09	21.16	21.15		
10	16QAM	50	0	21.13	21.23	21.19		
10	64QAM	1	0	21.47	21.64	21.59	22	2
10	64QAM	1	25	21.51	21.63	21.56		
10	64QAM	1	49	21.42	21.50	21.49		
10	64QAM	25	0	20.36	20.43	20.45	21	3
10	64QAM	25	12	20.36	20.44	20.45		
10	64QAM	25	25	20.32	20.37	20.38		
10	64QAM	50	0	20.31	20.43	20.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.95	23.07	23.05	24	0
5	QPSK	1	12	22.97	23.06	23.01		
5	QPSK	1	24	22.92	23.01	23.00		
5	QPSK	12	0	22.00	22.10	22.11	23	1
5	QPSK	12	7	22.06	22.11	22.12		
5	QPSK	12	13	22.00	22.07	22.05		
5	QPSK	25	0	21.99	22.06	22.08		
5	16QAM	1	0	22.30	22.52	22.36	23	1
5	16QAM	1	12	22.38	22.47	22.41		
5	16QAM	1	24	22.31	22.42	22.38		
5	16QAM	12	0	21.10	21.23	21.20	22	2
5	16QAM	12	7	21.14	21.27	21.25		
5	16QAM	12	13	21.10	21.23	21.16		
5	16QAM	25	0	21.09	21.19	21.16		
5	64QAM	1	0	21.45	21.65	21.49	22	2
5	64QAM	1	12	21.43	21.63	21.53		
5	64QAM	1	24	21.44	21.51	21.43		
5	64QAM	12	0	20.29	20.43	20.41	21	3
5	64QAM	12	7	20.36	20.47	20.42		
5	64QAM	12	13	20.29	20.40	20.39		
5	64QAM	25	0	20.31	20.42	20.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.95	23.06	23.04	24	0
3	QPSK	1	8	22.98	23.05	23.02		
3	QPSK	1	14	22.90	23.00	22.97		
3	QPSK	8	0	21.98	22.07	22.09	23	1
3	QPSK	8	4	22.03	22.12	22.10		
3	QPSK	8	7	21.96	22.07	22.03		
3	QPSK	15	0	22.00	22.08	22.10		
3	16QAM	1	0	22.25	22.45	22.41	23	1
3	16QAM	1	8	22.35	22.51	22.38		
3	16QAM	1	14	22.30	22.42	22.37		
3	16QAM	8	0	21.15	21.29	21.20	22	2
3	16QAM	8	4	21.20	21.30	21.24		
3	16QAM	8	7	21.18	21.27	21.21		
3	16QAM	15	0	21.13	21.23	21.20		
3	64QAM	1	0	21.43	21.63	21.49	22	2
3	64QAM	1	8	21.45	21.57	21.53		
3	64QAM	1	14	21.43	21.55	21.47		
3	64QAM	8	0	20.33	20.44	20.40	21	3
3	64QAM	8	4	20.41	20.48	20.41		
3	64QAM	8	7	20.35	20.43	20.40		
3	64QAM	15	0	20.33	20.43	20.38		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.87	22.99	22.94	24	0
1.4	QPSK	1	3	22.95	23.00	23.04		
1.4	QPSK	1	5	22.88	22.98	22.93		
1.4	QPSK	3	0	22.94	23.04	23.01		
1.4	QPSK	3	1	22.97	23.08	23.04		
1.4	QPSK	3	3	22.95	23.04	23.00		
1.4	QPSK	6	0	21.92	22.05	22.02	23	1
1.4	16QAM	1	0	22.21	22.42	22.32	23	1
1.4	16QAM	1	3	22.30	22.50	22.45		
1.4	16QAM	1	5	22.23	22.34	22.31		
1.4	16QAM	3	0	22.01	22.21	22.13		
1.4	16QAM	3	1	22.07	22.20	22.13		
1.4	16QAM	3	3	22.01	22.19	22.11		
1.4	16QAM	6	0	21.15	21.23	21.19	22	2
1.4	64QAM	1	0	21.36	21.53	21.46	22	2
1.4	64QAM	1	3	21.40	21.59	21.47		
1.4	64QAM	1	5	21.34	21.55	21.42		
1.4	64QAM	3	0	21.27	21.47	21.39		
1.4	64QAM	3	1	21.31	21.46	21.40		
1.4	64QAM	3	3	21.26	21.40	21.38		
1.4	64QAM	6	0	20.27	20.34	20.32	21	3

Band 5 (Cellular Band)
Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.93	22.99	22.91	24	0
10	QPSK	1	25	22.87	22.93	22.98		
10	QPSK	1	49	22.92	22.84	22.88		
10	QPSK	25	0	21.95	22.02	21.90	23	1
10	QPSK	25	12	22.01	21.95	21.98		
10	QPSK	25	25	21.96	21.92	21.93		
10	QPSK	50	0	22.01	22.03	21.87		
10	16QAM	1	0	22.27	22.30	22.24	23	1
10	16QAM	1	25	22.24	22.28	22.32		
10	16QAM	1	49	22.28	22.20	22.23		
10	16QAM	25	0	21.02	21.11	21.02	22	2
10	16QAM	25	12	21.15	21.08	21.11		
10	16QAM	25	25	21.10	20.98	21.00		
10	16QAM	50	0	21.10	21.04	20.97		
10	64QAM	1	0	21.38	21.46	21.35	22	2
10	64QAM	1	25	21.38	21.44	21.42		
10	64QAM	1	49	21.42	21.35	21.33		
10	64QAM	25	0	20.22	20.32	20.25	21	3
10	64QAM	25	12	20.37	20.29	20.33		
10	64QAM	25	25	20.32	20.20	20.22		
10	64QAM	50	0	20.31	20.23	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.92	22.92	22.94	24	0
5	QPSK	1	12	22.92	22.93	22.93		
5	QPSK	1	24	22.88	22.88	22.85		
5	QPSK	12	0	21.94	21.95	21.93	23	1
5	QPSK	12	7	21.95	21.97	21.95		
5	QPSK	12	13	21.89	21.89	21.91		
5	QPSK	25	0	21.89	21.94	21.93		
5	16QAM	1	0	22.23	22.26	22.28	23	1
5	16QAM	1	12	22.25	22.25	22.24		
5	16QAM	1	24	22.21	22.23	22.24		
5	16QAM	12	0	21.06	21.05	21.04	22	2
5	16QAM	12	7	21.07	21.08	21.08		
5	16QAM	12	13	21.02	21.02	21.01		
5	16QAM	25	0	21.03	21.05	21.01		
5	64QAM	1	0	21.35	21.41	21.39	22	2
5	64QAM	1	12	21.37	21.41	21.40		
5	64QAM	1	24	21.33	21.34	21.34		
5	64QAM	12	0	20.23	20.25	20.22	21	3
5	64QAM	12	7	20.28	20.27	20.27		
5	64QAM	12	13	20.23	20.23	20.20		
5	64QAM	25	0	20.25	20.27	20.23		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.92	22.91	22.93	24	0
3	QPSK	1	8	22.91	22.90	22.91		
3	QPSK	1	14	22.88	22.87	22.88		
3	QPSK	8	0	21.91	21.93	21.88	23	1
3	QPSK	8	4	21.92	21.95	21.94		
3	QPSK	8	7	21.91	21.93	21.89		
3	QPSK	15	0	21.90	21.91	21.90		
3	16QAM	1	0	22.19	22.23	22.22	23	1
3	16QAM	1	8	22.23	22.27	22.27		
3	16QAM	1	14	22.23	22.19	22.19		
3	16QAM	8	0	21.08	21.10	21.04	22	2
3	16QAM	8	4	21.08	21.09	21.08		
3	16QAM	8	7	21.07	21.10	21.02		
3	16QAM	15	0	21.04	21.02	21.04		
3	64QAM	1	0	21.35	21.35	21.36	22	2
3	64QAM	1	8	21.31	21.37	21.39		
3	64QAM	1	14	21.34	21.31	21.30		
3	64QAM	8	0	20.26	20.28	20.22	21	3
3	64QAM	8	4	20.28	20.27	20.25		
3	64QAM	8	7	20.23	20.26	20.22		
3	64QAM	15	0	20.24	20.23	20.23		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.84	22.83	22.81	24	0
1.4	QPSK	1	3	22.95	22.92	22.91		
1.4	QPSK	1	5	22.85	22.81	22.82		
1.4	QPSK	3	0	22.88	22.87	22.84		
1.4	QPSK	3	1	22.95	22.90	22.90		
1.4	QPSK	3	3	22.89	22.88	22.86		
1.4	QPSK	6	0	21.84	21.86	21.84	23	1
1.4	16QAM	1	0	22.19	22.18	22.18	23	1
1.4	16QAM	1	3	22.24	22.28	22.22		
1.4	16QAM	1	5	22.16	22.17	22.15		
1.4	16QAM	3	0	21.97	21.98	21.95		
1.4	16QAM	3	1	22.01	22.00	21.94		
1.4	16QAM	3	3	21.94	21.95	21.89		
1.4	16QAM	6	0	21.02	21.03	20.97	22	2
1.4	64QAM	1	0	21.34	21.30	21.24	22	2
1.4	64QAM	1	3	21.37	21.37	21.36		
1.4	64QAM	1	5	21.25	21.31	21.23		
1.4	64QAM	3	0	21.23	21.24	21.18		
1.4	64QAM	3	1	21.29	21.24	21.23		
1.4	64QAM	3	3	21.20	21.24	21.14		
1.4	64QAM	6	0	20.17	20.16	20.11	21	3

Band 7 (2600MHz Band)
Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.53	22.69	22.54	24	0
20	QPSK	1	49	22.50	22.44	22.58		
20	QPSK	1	99	22.57	22.52	22.63		
20	QPSK	50	0	22.13	22.28	22.18	23	1
20	QPSK	50	24	22.18	22.08	22.22		
20	QPSK	50	50	22.19	22.13	22.27		
20	QPSK	100	0	22.15	22.25	22.24		
20	16QAM	1	0	22.47	22.47	22.50	23	1
20	16QAM	1	49	22.45	22.42	22.54		
20	16QAM	1	99	22.49	22.46	22.60		
20	16QAM	50	0	21.22	21.12	21.28	22	2
20	16QAM	50	24	21.26	21.18	21.32		
20	16QAM	50	50	21.24	21.20	21.34		
20	16QAM	100	0	21.23	21.14	21.30		
20	64QAM	1	0	21.58	21.55	21.63	22	2
20	64QAM	1	49	21.53	21.54	21.66		
20	64QAM	1	99	21.61	21.59	21.70		
20	64QAM	50	0	20.42	20.33	20.50	21	3
20	64QAM	50	24	20.49	20.39	20.54		
20	64QAM	50	50	20.45	20.43	20.56		
20	64QAM	100	0	20.46	20.38	20.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.60	22.44	22.58	24	0
15	QPSK	1	37	22.60	22.44	22.59		
15	QPSK	1	74	22.61	22.54	22.68		
15	QPSK	36	0	22.23	22.07	22.20	23	1
15	QPSK	36	20	22.20	22.09	22.25		
15	QPSK	36	39	22.20	22.13	22.26		
15	QPSK	75	0	22.17	22.06	22.22		
15	16QAM	1	0	22.49	22.39	22.55	23	1
15	16QAM	1	37	22.49	22.42	22.57		
15	16QAM	1	74	22.53	22.53	22.63		
15	16QAM	36	0	21.32	21.10	21.31	22	2
15	16QAM	36	20	21.26	21.20	21.37		
15	16QAM	36	39	21.25	21.19	21.32		
15	16QAM	75	0	21.24	21.18	21.33		
15	64QAM	1	0	21.64	21.50	21.65	22	2
15	64QAM	1	37	21.66	21.50	21.64		
15	64QAM	1	74	21.63	21.63	21.74		
15	64QAM	36	0	20.50	20.33	20.53	21	3
15	64QAM	36	20	20.45	20.41	20.59		
15	64QAM	36	39	20.44	20.42	20.54		
15	64QAM	75	0	20.47	20.40	20.56		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.58	22.44	22.56	24	0
10	QPSK	1	25	22.62	22.46	22.60		
10	QPSK	1	49	22.57	22.50	22.66		
10	QPSK	25	0	22.20	22.06	22.20	23	1
10	QPSK	25	12	22.23	22.10	22.22		
10	QPSK	25	25	22.19	22.08	22.23		
10	QPSK	50	0	22.14	22.06	22.22		
10	16QAM	1	0	22.45	22.42	22.51	23	1
10	16QAM	1	25	22.52	22.43	22.52		
10	16QAM	1	49	22.55	22.44	22.62		
10	16QAM	25	0	21.30	21.14	21.28	22	2
10	16QAM	25	12	21.35	21.17	21.32		
10	16QAM	25	25	21.22	21.21	21.34		
10	16QAM	50	0	21.23	21.18	21.31		
10	64QAM	1	0	21.61	21.47	21.58	22	2
10	64QAM	1	25	21.61	21.52	21.66		
10	64QAM	1	49	21.62	21.56	21.67		
10	64QAM	25	0	20.52	20.36	20.46	21	3
10	64QAM	25	12	20.57	20.39	20.49		
10	64QAM	25	25	20.45	20.40	20.51		
10	64QAM	50	0	20.44	20.40	20.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.57	22.41	22.55	24	0
5	QPSK	1	12	22.60	22.43	22.58		
5	QPSK	1	24	22.62	22.46	22.61		
5	QPSK	12	0	22.20	22.01	22.19	23	1
5	QPSK	12	7	22.22	22.10	22.26		
5	QPSK	12	13	22.26	22.07	22.25		
5	QPSK	25	0	22.22	22.02	22.22		
5	16QAM	1	0	22.47	22.41	22.49	23	1
5	16QAM	1	12	22.47	22.43	22.53		
5	16QAM	1	24	22.52	22.41	22.54		
5	16QAM	12	0	21.29	21.12	21.30	22	2
5	16QAM	12	7	21.34	21.18	21.32		
5	16QAM	12	13	21.30	21.15	21.31		
5	16QAM	25	0	21.29	21.13	21.27		
5	64QAM	1	0	21.59	21.45	21.61	22	2
5	64QAM	1	12	21.64	21.53	21.65		
5	64QAM	1	24	21.61	21.53	21.64		
5	64QAM	12	0	20.50	20.33	20.51	21	3
5	64QAM	12	7	20.56	20.37	20.54		
5	64QAM	12	13	20.50	20.36	20.53		
5	64QAM	25	0	20.52	20.34	20.48		

Band 12 (700MHz Low Band)
Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.82	22.89	22.84	24	0
10	QPSK	1	25	22.88	22.86	22.82		
10	QPSK	1	49	22.86	22.84	22.81		
10	QPSK	25	0	21.95	21.96	21.86	23	1
10	QPSK	25	12	21.94	21.94	21.92		
10	QPSK	25	25	21.92	21.90	21.90		
10	QPSK	50	0	21.94	21.95	21.88		
10	16QAM	1	0	22.15	22.10	22.14	23	1
10	16QAM	1	25	22.20	22.20	22.15		
10	16QAM	1	49	22.19	22.14	22.12		
10	16QAM	25	0	21.02	20.98	20.96	22	2
10	16QAM	25	12	21.05	20.99	21.02		
10	16QAM	25	25	21.02	21.01	20.96		
10	16QAM	50	0	21.02	21.00	21.00		
10	64QAM	1	0	21.29	21.21	21.30	22	2
10	64QAM	1	25	21.32	21.26	21.26		
10	64QAM	1	49	21.31	21.28	21.24		
10	64QAM	25	0	20.23	20.20	20.18	21	3
10	64QAM	25	12	20.27	20.22	20.23		
10	64QAM	25	25	20.24	20.22	20.16		
10	64QAM	50	0	20.22	20.18	20.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.84	22.83	22.81	24	0
5	QPSK	1	12	22.82	22.83	22.79		
5	QPSK	1	24	22.87	22.85	22.80		
5	QPSK	12	0	21.89	21.89	21.87	23	1
5	QPSK	12	7	21.90	21.92	21.87		
5	QPSK	12	13	21.97	21.89	21.82		
5	QPSK	25	0	21.96	21.91	21.83		
5	16QAM	1	0	22.14	22.17	22.11	23	1
5	16QAM	1	12	22.18	22.15	22.15		
5	16QAM	1	24	22.18	22.17	22.09		
5	16QAM	12	0	20.99	20.99	20.96	22	2
5	16QAM	12	7	21.02	21.01	20.99		
5	16QAM	12	13	21.06	21.00	20.93		
5	16QAM	25	0	21.06	20.98	20.95		
5	64QAM	1	0	21.27	21.30	21.29	22	2
5	64QAM	1	12	21.25	21.29	21.22		
5	64QAM	1	24	21.33	21.29	21.21		
5	64QAM	12	0	20.17	20.19	20.18	21	3
5	64QAM	12	7	20.20	20.22	20.20		
5	64QAM	12	13	20.29	20.20	20.14		
5	64QAM	25	0	20.28	20.20	20.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.84	22.84	22.79	24	0
3	QPSK	1	8	22.82	22.86	22.82		
3	QPSK	1	14	22.83	22.85	22.76		
3	QPSK	8	0	21.90	21.89	21.81	23	1
3	QPSK	8	4	21.88	21.91	21.87		
3	QPSK	8	7	21.87	21.90	21.83		
3	QPSK	15	0	21.87	21.89	21.86		
3	16QAM	1	0	22.21	22.12	22.14	23	1
3	16QAM	1	8	22.17	22.13	22.14		
3	16QAM	1	14	22.16	22.13	22.10		
3	16QAM	8	0	21.02	21.02	20.95	22	2
3	16QAM	8	4	21.04	21.05	20.99		
3	16QAM	8	7	21.02	21.02	20.94		
3	16QAM	15	0	20.97	21.00	20.94		
3	64QAM	1	0	21.31	21.27	21.24	22	2
3	64QAM	1	8	21.28	21.29	21.24		
3	64QAM	1	14	21.25	21.28	21.24		
3	64QAM	8	0	20.19	20.21	20.12	21	3
3	64QAM	8	4	20.21	20.25	20.15		
3	64QAM	8	7	20.20	20.20	20.13		
3	64QAM	15	0	20.16	20.18	20.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.80	22.79	22.72	24	0
1.4	QPSK	1	3	22.85	22.87	22.80		
1.4	QPSK	1	5	22.79	22.79	22.69		
1.4	QPSK	3	0	22.84	22.83	22.76		
1.4	QPSK	3	1	22.87	22.88	22.80		
1.4	QPSK	3	3	22.85	22.84	22.77		
1.4	QPSK	6	0	21.81	21.83	21.80	23	1
1.4	16QAM	1	0	22.14	22.08	21.98	23	1
1.4	16QAM	1	3	22.21	22.15	22.10		
1.4	16QAM	1	5	22.13	22.14	22.05		
1.4	16QAM	3	0	21.92	21.88	21.85		
1.4	16QAM	3	1	21.94	21.92	21.86		
1.4	16QAM	3	3	21.93	21.89	21.85		
1.4	16QAM	6	0	20.97	20.99	20.94	22	2
1.4	64QAM	1	0	21.27	21.29	21.15	22	2
1.4	64QAM	1	3	21.34	21.27	21.22		
1.4	64QAM	1	5	21.26	21.18	21.14		
1.4	64QAM	3	0	21.21	21.13	21.07		
1.4	64QAM	3	1	21.22	21.21	21.13		
1.4	64QAM	3	3	21.17	21.18	21.10		
1.4	64QAM	6	0	20.13	20.14	20.08	21	3

Band 17 (700MHz Band)
Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.81	22.88	22.81	24	0
10	QPSK	1	25	22.85	22.86	22.87		
10	QPSK	1	49	22.86	22.86	22.85		
10	QPSK	25	0	21.94	21.96	21.95	23	1
10	QPSK	25	12	21.97	21.96	21.94		
10	QPSK	25	25	21.96	21.93	21.93		
10	QPSK	50	0	21.94	21.94	21.93		
10	16QAM	1	0	22.11	22.13	22.09	23	1
10	16QAM	1	25	22.20	22.22	22.23		
10	16QAM	1	49	22.21	22.19	22.18		
10	16QAM	25	0	21.07	21.03	21.04	22	2
10	16QAM	25	12	21.09	21.07	21.05		
10	16QAM	25	25	21.03	21.01	21.05		
10	16QAM	50	0	21.04	21.03	21.02		
10	64QAM	1	0	21.27	21.26	21.22	22	2
10	64QAM	1	25	21.34	21.32	21.38		
10	64QAM	1	49	21.35	21.33	21.33		
10	64QAM	25	0	20.28	20.25	20.24	21	3
10	64QAM	25	12	20.29	20.30	20.27		
10	64QAM	25	25	20.23	20.24	20.26		
10	64QAM	50	0	20.24	20.24	20.23		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.83	22.88	22.83	24	0
5	QPSK	1	12	22.82	22.87	22.87		
5	QPSK	1	24	22.87	22.85	22.83		
5	QPSK	12	0	21.87	21.94	21.91	23	1
5	QPSK	12	7	22.00	21.95	21.95		
5	QPSK	12	13	21.95	21.91	21.90		
5	QPSK	25	0	21.99	21.94	21.92		
5	16QAM	1	0	22.10	22.20	22.20	23	1
5	16QAM	1	12	22.15	22.24	22.18		
5	16QAM	1	24	22.23	22.20	22.16		
5	16QAM	12	0	20.98	21.05	21.02	22	2
5	16QAM	12	7	21.11	21.05	21.04		
5	16QAM	12	13	21.03	21.02	21.01		
5	16QAM	25	0	21.04	21.03	21.01		
5	64QAM	1	0	21.26	21.32	21.32	22	2
5	64QAM	1	12	21.29	21.33	21.36		
5	64QAM	1	24	21.32	21.34	21.26		
5	64QAM	12	0	20.18	20.26	20.22	21	3
5	64QAM	12	7	20.31	20.27	20.23		
5	64QAM	12	13	20.25	20.22	20.22		
5	64QAM	25	0	20.27	20.24	20.23		

Band 66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.97	23.09	23.01	24	0
20	QPSK	1	49	22.93	22.96	23.08		
20	QPSK	1	99	22.83	22.84	22.85		
20	QPSK	50	0	22.21	22.27	22.25	23	1
20	QPSK	50	24	22.21	22.22	22.23		
20	QPSK	50	50	22.13	22.17	22.20		
20	QPSK	100	0	22.15	22.22	22.20		
20	16QAM	1	0	22.49	22.66	22.66	23	1
20	16QAM	1	49	22.53	22.54	22.63		
20	16QAM	1	99	22.41	22.46	22.48		
20	16QAM	50	0	21.31	21.37	21.35	22	2
20	16QAM	50	24	21.32	21.36	21.31		
20	16QAM	50	50	21.27	21.26	21.35		
20	16QAM	100	0	21.27	21.30	21.26		
20	64QAM	1	0	21.64	21.75	21.74	22	2
20	64QAM	1	49	21.62	21.66	21.78		
20	64QAM	1	99	21.58	21.64	21.62		
20	64QAM	50	0	20.53	20.56	20.55	21	3
20	64QAM	50	24	20.51	20.53	20.51		
20	64QAM	50	50	20.46	20.45	20.55		
20	64QAM	100	0	20.48	20.51	20.52		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.96	23.04	23.00	24	0
15	QPSK	1	37	22.95	22.98	23.07		
15	QPSK	1	74	22.91	22.89	22.90		
15	QPSK	36	0	22.17	22.27	22.21	23	1
15	QPSK	36	20	22.20	22.26	22.35		
15	QPSK	36	39	22.15	22.21	22.21		
15	QPSK	75	0	22.20	22.24	22.17		
15	16QAM	1	0	22.53	22.63	22.68	23	1
15	16QAM	1	37	22.55	22.58	22.57		
15	16QAM	1	74	22.60	22.45	22.50		
15	16QAM	36	0	21.33	21.38	21.36	22	2
15	16QAM	36	20	21.33	21.40	21.43		
15	16QAM	36	39	21.30	21.30	21.35		
15	16QAM	75	0	21.31	21.36	21.33		
15	64QAM	1	0	21.68	21.74	21.76	22	2
15	64QAM	1	37	21.65	21.68	21.68		
15	64QAM	1	74	21.63	21.53	21.62		
15	64QAM	36	0	20.56	20.60	20.55	21	3
15	64QAM	36	20	20.57	20.59	20.62		
15	64QAM	36	39	20.55	20.50	20.58		
15	64QAM	75	0	20.53	20.55	20.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.97	23.02	23.04	24	0
10	QPSK	1	25	22.98	22.99	23.01		
10	QPSK	1	49	22.93	22.90	22.90		
10	QPSK	25	0	22.19	22.27	22.24	23	1
10	QPSK	25	12	22.18	22.23	22.24		
10	QPSK	25	25	22.16	22.22	22.21		
10	QPSK	50	0	22.20	22.24	22.25		
10	16QAM	1	0	22.49	22.63	22.67	23	1
10	16QAM	1	25	22.53	22.55	22.59		
10	16QAM	1	49	22.48	22.46	22.50		
10	16QAM	25	0	21.33	21.38	21.39	22	2
10	16QAM	25	12	21.32	21.36	21.39		
10	16QAM	25	25	21.28	21.27	21.32		
10	16QAM	50	0	21.29	21.38	21.36		
10	64QAM	1	0	21.62	21.75	21.79	22	2
10	64QAM	1	25	21.64	21.70	21.72		
10	64QAM	1	49	21.59	21.58	21.60		
10	64QAM	25	0	20.54	20.60	20.63	21	3
10	64QAM	25	12	20.55	20.57	20.59		
10	64QAM	25	25	20.52	20.48	20.52		
10	64QAM	50	0	20.52	20.57	20.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.00	23.04	23.04	24	0
5	QPSK	1	12	22.98	23.04	23.03		
5	QPSK	1	24	22.98	22.94	22.96		
5	QPSK	12	0	22.27	22.33	22.29	23	1
5	QPSK	12	7	22.30	22.32	22.32		
5	QPSK	12	13	22.27	22.26	22.25		
5	QPSK	25	0	22.26	22.31	22.29		
5	16QAM	1	0	22.53	22.64	22.65	23	1
5	16QAM	1	12	22.57	22.63	22.60		
5	16QAM	1	24	22.53	22.57	22.59		
5	16QAM	12	0	21.42	21.43	21.46	22	2
5	16QAM	12	7	21.43	21.44	21.45		
5	16QAM	12	13	21.38	21.40	21.39		
5	16QAM	25	0	21.34	21.38	21.39		
5	64QAM	1	0	21.65	21.71	21.77	22	2
5	64QAM	1	12	21.71	21.75	21.69		
5	64QAM	1	24	21.66	21.67	21.66		
5	64QAM	12	0	20.62	20.62	20.64	21	3
5	64QAM	12	7	20.61	20.64	20.66		
5	64QAM	12	13	20.55	20.60	20.57		
5	64QAM	25	0	20.57	20.61	20.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.04	23.01	22.97	24	0
3	QPSK	1	8	23.04	23.05	22.98		
3	QPSK	1	14	22.94	22.96	22.93		
3	QPSK	8	0	22.19	22.27	22.24	23	1
3	QPSK	8	4	22.18	22.23	22.24		
3	QPSK	8	7	22.16	22.22	22.21		
3	QPSK	15	0	22.31	22.23	22.20		
3	16QAM	1	0	22.64	22.55	22.49	23	1
3	16QAM	1	8	22.63	22.66	22.53		
3	16QAM	1	14	22.57	22.52	22.48		
3	16QAM	8	0	21.42	21.43	21.46	22	2
3	16QAM	8	4	21.43	21.44	21.45		
3	16QAM	8	7	21.38	21.40	21.39		
3	16QAM	15	0	21.38	21.42	21.29		
3	64QAM	1	0	21.71	21.69	21.62	22	2
3	64QAM	1	8	21.75	21.73	21.64		
3	64QAM	1	14	21.67	21.61	21.59		
3	64QAM	8	0	20.71	20.76	20.79	21	3
3	64QAM	8	4	20.73	20.83	20.83		
3	64QAM	8	7	20.72	20.79	20.80		
3	64QAM	15	0	20.61	20.56	20.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.89	22.99	23.01	24	0
1.4	QPSK	1	3	22.98	23.04	23.05		
1.4	QPSK	1	5	22.88	22.95	22.96		
1.4	QPSK	3	0	22.98	23.02	23.00		
1.4	QPSK	3	1	22.99	23.06	23.04		
1.4	QPSK	3	3	22.95	23.01	23.03		
1.4	QPSK	6	0	22.19	22.23	22.23	23	1
1.4	16QAM	1	0	22.47	22.53	22.55	23	1
1.4	16QAM	1	3	22.53	22.65	22.66		
1.4	16QAM	1	5	22.45	22.52	22.52		
1.4	16QAM	3	0	22.26	22.33	22.34		
1.4	16QAM	3	1	22.28	22.37	22.35		
1.4	16QAM	3	3	22.24	22.31	22.32		
1.4	16QAM	6	0	21.35	21.43	21.42	22	2
1.4	64QAM	1	0	21.59	21.59	21.69	22	2
1.4	64QAM	1	3	21.69	21.75	21.73		
1.4	64QAM	1	5	21.54	21.61	21.61		
1.4	64QAM	3	0	21.49	21.54	21.57		
1.4	64QAM	3	1	21.51	21.61	21.61		
1.4	64QAM	3	3	21.50	21.57	21.58		
1.4	64QAM	6	0	20.50	20.57	20.56	21	3

Reduced Power Mode for Sensor On/Hotspot on

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.89	30.66	30.85	31.50	21.89	21.66	21.85	22.50
GPRS 1 Tx slot	30.88	30.60	30.84	31.50	21.88	21.60	21.84	22.50
GPRS 2 Tx slots	28.42	28.40	28.72	29.50	22.42	22.40	22.72	23.50
GPRS 3 Tx slots	27.80	27.81	27.80	29.00	23.54	23.55	23.54	24.74
GPRS 4 Tx slots	25.85	25.93	26.12	27.50	22.85	22.93	23.12	24.50
EDGE 1 Tx slot	25.28	25.14	25.21	25.50	16.28	16.14	16.21	16.50
EDGE 2 Tx slots	23.67	23.50	23.61	24.50	17.67	17.50	17.61	18.50
EDGE 3 Tx slots	22.49	22.33	22.35	22.50	18.23	18.07	18.09	18.24
EDGE 4 Tx slots	20.28	20.23	20.44	21.50	17.28	17.23	17.44	18.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	20.00	19.85	19.91	21.50	11.00	10.85	10.91	12.50
GPRS 1 Tx slot	19.99	19.81	19.89	21.50	10.99	10.81	10.89	12.50
GPRS 2 Tx slots	18.78	18.69	18.65	20.50	12.78	12.69	12.65	14.50
GPRS 3 Tx slots	17.51	17.52	17.34	19.00	13.25	13.26	13.08	14.74
GPRS 4 Tx slots	15.92	15.65	15.74	17.50	12.92	12.65	12.74	14.50
EDGE 1 Tx slot	16.73	16.54	16.74	18.50	7.73	7.54	7.74	9.50
EDGE 2 Tx slots	14.51	14.08	14.29	16.50	8.51	8.08	8.29	10.50
EDGE 3 Tx slots	14.19	13.75	14.00	15.50	9.93	9.49	9.74	11.24
EDGE 4 Tx slots	12.80	12.41	12.66	13.50	9.80	9.41	9.66	10.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	12.50	12.53	12.25	13.50	12.15	12.25	12.26	13.50	20.82	20.90	20.90	22.00
3GPP Rel 99	RMC 12.2Kbps	12.54	12.55	12.30	13.50	12.17	12.29	12.28	13.50	20.85	20.94	20.93	22.00
3GPP Rel 6	HSDPA Subtest-1	12.03	12.01	11.93	12.50	11.23	11.27	11.24	12.50	19.66	19.68	19.67	21.00
3GPP Rel 6	HSDPA Subtest-2	12.03	12.06	11.88	12.50	11.28	11.30	11.27	12.50	19.73	19.65	19.72	21.00
3GPP Rel 6	HSDPA Subtest-3	11.56	11.56	11.40	12.00	10.75	10.81	10.73	12.00	19.14	18.95	19.04	20.50
3GPP Rel 6	HSDPA Subtest-4	11.51	11.55	11.43	12.00	10.74	10.80	10.76	12.00	19.21	19.24	19.03	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	12.04	12.01	11.98	12.50	11.20	11.30	11.30	12.50	19.67	19.68	19.71	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	12.04	12.00	11.99	12.50	11.22	11.26	11.20	12.50	19.74	19.68	19.70	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	11.56	11.55	11.60	12.00	10.84	10.75	10.74	12.00	19.15	19.21	19.20	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	11.55	11.53	11.57	12.00	10.74	10.77	10.74	12.00	19.20	19.20	19.22	20.50
3GPP Rel 6	HSUPA Subtest-1	11.45	11.06	11.53	12.50	11.16	11.15	11.04	12.50	19.73	19.70	19.79	21.00
3GPP Rel 6	HSUPA Subtest-2	9.45	9.09	9.54	10.50	9.13	9.22	9.05	10.50	17.66	17.70	17.81	19.00
3GPP Rel 6	HSUPA Subtest-3	10.46	10.85	10.49	11.50	10.16	10.18	10.04	11.50	18.74	18.74	18.74	20.00
3GPP Rel 6	HSUPA Subtest-4	9.49	9.91	9.55	10.50	9.14	9.17	8.99	10.50	17.61	17.68	17.73	19.00
3GPP Rel 6	HSUPA Subtest-5	11.50	11.90	11.50	12.50	11.15	11.15	11.05	12.50	19.70	19.70	19.70	21.00

Band 2 (1900MHz Band)
Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.51	12.56	12.33	13.5	0
20	QPSK	1	49	12.37	12.40	12.33		
20	QPSK	1	99	12.36	12.29	12.19		
20	QPSK	50	0	12.47	12.50	12.32	13.5	0
20	QPSK	50	24	12.45	12.43	12.43		
20	QPSK	50	50	12.49	12.37	12.32		
20	QPSK	100	0	12.53	12.54	12.32		
20	16QAM	1	0	12.37	12.35	12.15	13.5	0
20	16QAM	1	49	12.23	12.24	12.19		
20	16QAM	1	99	12.20	12.12	11.99		
20	16QAM	50	0	12.06	12.07	11.90	13.5	0
20	16QAM	50	24	12.05	12.04	12.02		
20	16QAM	50	50	12.09	11.97	11.91		
20	16QAM	100	0	12.15	12.02	11.89		
20	64QAM	1	0	12.27	12.22	12.03	13.5	0
20	64QAM	1	49	12.14	12.13	12.08		
20	64QAM	1	99	12.08	12.00	11.88		
20	64QAM	50	0	12.05	12.04	11.89	13.5	0
20	64QAM	50	24	12.04	12.03	12.01		
20	64QAM	50	50	12.07	11.98	11.90		
20	64QAM	100	0	12.14	12.01	11.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.47	12.36	12.38	13.5	0
15	QPSK	1	37	12.36	12.32	12.27		
15	QPSK	1	74	12.23	12.27	12.14		
15	QPSK	36	0	12.46	12.44	12.33	13.5	0
15	QPSK	36	20	12.43	12.43	12.37		
15	QPSK	36	39	12.35	12.37	12.30		
15	QPSK	75	0	12.40	12.40	12.34		
15	16QAM	1	0	12.33	12.24	12.18	13.5	0
15	16QAM	1	37	12.19	12.20	12.11		
15	16QAM	1	74	12.09	12.09	11.95		
15	16QAM	36	0	12.04	12.04	11.99	13.5	0
15	16QAM	36	20	12.03	12.02	11.94		
15	16QAM	36	39	11.96	11.93	11.88		
15	16QAM	75	0	12.05	11.97	11.93		
15	64QAM	1	0	12.21	12.14	12.07	13.5	0
15	64QAM	1	37	12.07	12.08	12.02		
15	64QAM	1	74	11.96	11.96	11.85		
15	64QAM	36	0	12.03	12.03	11.98	13.5	0
15	64QAM	36	20	12.03	12.01	11.94		
15	64QAM	36	39	11.94	11.92	11.87		
15	64QAM	75	0	12.03	11.97	11.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.56	12.50	12.34	13.5	0
10	QPSK	1	25	12.41	12.35	12.26		
10	QPSK	1	49	12.39	12.37	12.16		
10	QPSK	25	0	12.47	12.41	12.36	13.5	0
10	QPSK	25	12	12.44	12.41	12.32		
10	QPSK	25	25	12.39	12.38	12.23		
10	QPSK	50	0	12.44	12.36	12.29		
10	16QAM	1	0	12.41	12.37	12.20	13.5	0
10	16QAM	1	25	12.24	12.23	12.09		
10	16QAM	1	49	12.25	12.21	12.00		
10	16QAM	25	0	12.07	12.03	11.96	13.5	0
10	16QAM	25	12	12.08	12.01	11.91		
10	16QAM	25	25	12.01	11.97	11.85		
10	16QAM	50	0	12.04	11.99	11.89		
10	64QAM	1	0	12.30	12.23	12.07	13.5	0
10	64QAM	1	25	12.12	12.09	11.97		
10	64QAM	1	49	12.10	12.10	11.87		
10	64QAM	25	0	12.08	12.03	11.95	13.5	0
10	64QAM	25	12	12.07	12.00	11.90		
10	64QAM	25	25	12.00	11.96	11.86		
10	64QAM	50	0	12.02	11.98	11.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.38	12.38	12.25	13.5	0
5	QPSK	1	12	12.39	12.39	12.17		
5	QPSK	1	24	12.31	12.31	12.17		
5	QPSK	12	0	12.43	12.43	12.30	13.5	0
5	QPSK	12	7	12.43	12.43	12.31		
5	QPSK	12	13	12.38	12.38	12.21		
5	QPSK	25	0	12.37	12.37	12.23		
5	16QAM	1	0	12.21	12.21	12.09	13.5	0
5	16QAM	1	12	12.22	12.22	12.07		
5	16QAM	1	24	12.16	12.16	11.97		
5	16QAM	12	0	12.05	12.05	11.86	13.5	0
5	16QAM	12	7	12.02	12.02	11.88		
5	16QAM	12	13	11.98	11.98	11.86		
5	16QAM	25	0	11.98	11.98	11.88		
5	64QAM	1	0	12.14	12.14	11.99	13.5	0
5	64QAM	1	12	12.13	12.13	11.97		
5	64QAM	1	24	12.06	12.06	11.86		
5	64QAM	12	0	12.01	12.01	11.84	13.5	0
5	64QAM	12	7	11.99	11.99	11.86		
5	64QAM	12	13	11.98	11.98	11.84		
5	64QAM	25	0	11.98	11.98	11.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.49	12.50	12.47	13.5	0
3	QPSK	1	8	12.48	12.46	12.47		
3	QPSK	1	14	12.44	12.45	12.44		
3	QPSK	8	0	12.53	12.52	12.51	13.5	0
3	QPSK	8	4	12.54	12.54	12.55		
3	QPSK	8	7	12.52	12.49	12.53		
3	QPSK	15	0	12.52	12.48	12.47		
3	16QAM	1	0	12.34	12.29	12.30	13.5	0
3	16QAM	1	8	12.33	12.31	12.32		
3	16QAM	1	14	12.25	12.28	12.24		
3	16QAM	8	0	12.18	12.17	12.13	13.5	0
3	16QAM	8	4	12.20	12.18	12.19		
3	16QAM	8	7	12.17	12.14	12.14		
3	16QAM	15	0	12.12	12.12	12.13		
3	64QAM	1	0	12.23	12.23	12.19	13.5	0
3	64QAM	1	8	12.21	12.23	12.20		
3	64QAM	1	14	12.18	12.20	12.19		
3	64QAM	8	0	12.15	12.12	12.11	13.5	0
3	64QAM	8	4	12.15	12.14	12.13		
3	64QAM	8	7	12.11	12.09	12.09		
3	64QAM	15	0	12.10	12.09	12.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.43	12.42	12.44	13.5	0
1.4	QPSK	1	3	12.49	12.48	12.47		
1.4	QPSK	1	5	12.39	12.39	12.39		
1.4	QPSK	3	0	12.44	12.44	12.44		
1.4	QPSK	3	1	12.48	12.48	12.49		
1.4	QPSK	3	3	12.46	12.47	12.45		
1.4	QPSK	6	0	12.45	12.43	12.45	13.5	0
1.4	16QAM	1	0	12.33	12.24	12.23	13.5	0
1.4	16QAM	1	3	12.36	12.38	12.35		
1.4	16QAM	1	5	12.27	12.26	12.26		
1.4	16QAM	3	0	12.11	12.05	12.06		
1.4	16QAM	3	1	12.16	12.09	12.09		
1.4	16QAM	3	3	12.08	12.07	12.01		
1.4	16QAM	6	0	12.12	12.12	12.14	13.5	0
1.4	64QAM	1	0	12.26	12.21	12.14	13.5	0
1.4	64QAM	1	3	12.26	12.27	12.25		
1.4	64QAM	1	5	12.21	12.16	12.19		
1.4	64QAM	3	0	12.17	12.10	12.10		
1.4	64QAM	3	1	12.21	12.16	12.13		
1.4	64QAM	3	3	12.14	12.10	12.08		
1.4	64QAM	6	0	12.08	12.04	12.06	13.5	0

Band 4 (AWS Band)
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.40	12.51	12.25	13.5	0
20	QPSK	1	49	12.35	12.25	12.25		
20	QPSK	1	99	12.27	12.09	12.03		
20	QPSK	50	0	12.43	12.45	12.21	13.5	0
20	QPSK	50	24	12.44	12.34	12.20		
20	QPSK	50	50	12.40	12.26	12.22		
20	QPSK	100	0	12.46	12.47	12.17		
20	16QAM	1	0	12.32	12.32	12.15	13.5	0
20	16QAM	1	49	12.29	12.20	12.07		
20	16QAM	1	99	12.19	11.97	11.87		
20	16QAM	50	0	12.06	11.99	11.84	13.5	0
20	16QAM	50	24	12.13	11.94	11.79		
20	16QAM	50	50	12.05	11.85	11.79		
20	16QAM	100	0	12.08	11.93	11.70		
20	64QAM	1	0	12.20	12.21	12.05	13.5	0
20	64QAM	1	49	12.15	12.09	11.96		
20	64QAM	1	99	12.06	11.85	11.75		
20	64QAM	50	0	12.00	11.98	11.83	13.5	0
20	64QAM	50	24	12.07	11.94	11.79		
20	64QAM	50	50	11.98	11.84	11.78		
20	64QAM	100	0	12.04	11.94	11.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.35	12.35	12.20	13.5	0
15	QPSK	1	37	12.28	12.27	12.18		
15	QPSK	1	74	12.29	12.13	12.05		
15	QPSK	36	0	12.39	12.37	12.19	13.5	0
15	QPSK	36	20	12.45	12.33	12.27		
15	QPSK	36	39	12.41	12.28	12.19		
15	QPSK	75	0	12.42	12.33	12.11		
15	16QAM	1	0	12.25	12.27	12.02	13.5	0
15	16QAM	1	37	12.16	12.14	11.99		
15	16QAM	1	74	12.17	12.01	11.84		
15	16QAM	36	0	11.99	12.00	11.75	13.5	0
15	16QAM	36	20	12.08	11.95	11.82		
15	16QAM	36	39	11.97	11.83	11.74		
15	16QAM	75	0	12.05	11.94	11.69		
15	64QAM	1	0	12.14	12.15	11.94	13.5	0
15	64QAM	1	37	12.09	12.04	11.92		
15	64QAM	1	74	12.06	11.92	11.76		
15	64QAM	36	0	12.00	12.00	11.75	13.5	0
15	64QAM	36	20	12.07	11.94	11.80		
15	64QAM	36	39	11.96	11.83	11.74		
15	64QAM	75	0	12.05	11.95	11.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.37	12.33	12.28	13.5	0
10	QPSK	1	25	12.29	12.33	12.21		
10	QPSK	1	49	12.27	12.21	12.08		
10	QPSK	25	0	12.38	12.35	12.29	13.5	0
10	QPSK	25	12	12.40	12.31	12.24		
10	QPSK	25	25	12.32	12.25	12.19		
10	QPSK	50	0	12.38	12.31	12.25		
10	16QAM	1	0	12.29	12.24	12.09	13.5	0
10	16QAM	1	25	12.21	12.16	11.99		
10	16QAM	1	49	12.14	12.02	11.89		
10	16QAM	25	0	12.03	11.97	11.85	13.5	0
10	16QAM	25	12	12.00	11.96	11.82		
10	16QAM	25	25	11.97	11.89	11.75		
10	16QAM	50	0	11.98	11.93	11.82		
10	64QAM	1	0	12.16	12.13	12.00	13.5	0
10	64QAM	1	25	12.08	12.07	11.93		
10	64QAM	1	49	12.00	11.94	11.80		
10	64QAM	25	0	12.02	11.97	11.83	13.5	0
10	64QAM	25	12	12.00	11.96	11.81		
10	64QAM	25	25	11.97	11.89	11.74		
10	64QAM	50	0	11.96	11.91	11.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.37	12.29	12.20	13.5	0
5	QPSK	1	12	12.34	12.31	12.16		
5	QPSK	1	24	12.28	12.21	12.10		
5	QPSK	12	0	12.37	12.33	12.20	13.5	0
5	QPSK	12	7	12.43	12.35	12.25		
5	QPSK	12	13	12.33	12.27	12.17		
5	QPSK	25	0	12.37	12.30	12.21		
5	16QAM	1	0	12.21	12.19	11.97	13.5	0
5	16QAM	1	12	12.24	12.18	11.96		
5	16QAM	1	24	12.13	12.06	11.90		
5	16QAM	12	0	12.03	11.95	11.77	13.5	0
5	16QAM	12	7	12.00	11.96	11.80		
5	16QAM	12	13	11.97	11.91	11.74		
5	16QAM	25	0	11.99	11.93	11.77		
5	64QAM	1	0	12.09	12.06	11.86	13.5	0
5	64QAM	1	12	12.13	12.05	11.85		
5	64QAM	1	24	12.01	11.98	11.81		
5	64QAM	12	0	12.01	11.93	11.76	13.5	0
5	64QAM	12	7	11.99	11.95	11.81		
5	64QAM	12	13	11.95	11.90	11.73		
5	64QAM	25	0	11.99	11.93	11.77		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.34	12.33	12.27	13.5	0
3	QPSK	1	8	12.34	12.29	12.24		
3	QPSK	1	14	12.31	12.25	12.20		
3	QPSK	8	0	12.38	12.35	12.27	13.5	0
3	QPSK	8	4	12.42	12.33	12.32		
3	QPSK	8	7	12.38	12.32	12.25		
3	QPSK	15	0	12.38	12.31	12.28		
3	16QAM	1	0	12.18	12.15	12.05	13.5	0
3	16QAM	1	8	12.24	12.15	12.04		
3	16QAM	1	14	12.17	12.09	12.00		
3	16QAM	8	0	12.02	11.94	11.86	13.5	0
3	16QAM	8	4	12.09	12.03	11.92		
3	16QAM	8	7	12.04	11.97	11.86		
3	16QAM	15	0	12.03	11.98	11.87		
3	64QAM	1	0	12.13	12.08	11.95	13.5	0
3	64QAM	1	8	12.16	12.11	11.97		
3	64QAM	1	14	12.08	12.03	11.93		
3	64QAM	8	0	11.80	11.98	11.84	13.5	0
3	64QAM	8	4	11.88	12.02	11.89		
3	64QAM	8	7	11.87	11.95	11.83		
3	64QAM	15	0	11.98	11.97	11.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.28	12.27	12.17	13.5	0
1.4	QPSK	1	3	12.39	12.36	12.22		
1.4	QPSK	1	5	12.30	12.26	12.15		
1.4	QPSK	3	0	12.36	12.33	12.20		
1.4	QPSK	3	1	12.37	12.35	12.24		
1.4	QPSK	3	3	12.32	12.28	12.19		
1.4	QPSK	6	0	12.33	12.31	12.20	13.5	0
1.4	16QAM	1	0	12.18	12.16	12.01	13.5	0
1.4	16QAM	1	3	12.25	12.18	12.05		
1.4	16QAM	1	5	12.20	12.10	11.96		
1.4	16QAM	3	0	11.95	11.89	11.77		
1.4	16QAM	3	1	12.01	11.92	11.80		
1.4	16QAM	3	3	11.93	11.87	11.75		
1.4	16QAM	6	0	12.05	11.98	11.86	13.5	0
1.4	64QAM	1	0	12.08	12.04	11.92	13.5	0
1.4	64QAM	1	3	12.16	12.06	11.94		
1.4	64QAM	1	5	12.09	12.00	11.84		
1.4	64QAM	3	0	12.00	11.95	11.80		
1.4	64QAM	3	1	12.05	11.99	11.88		
1.4	64QAM	3	3	11.96	11.93	11.81		
1.4	64QAM	6	0	11.96	11.90	11.77	13.5	0

Band 5 (Celluar Band)
Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.23	21.31	21.19	22.5	0
10	QPSK	1	25	21.19	21.18	21.27		
10	QPSK	1	49	21.22	21.13	21.20		
10	QPSK	25	0	21.24	21.30	21.22	22.5	0
10	QPSK	25	12	21.25	21.29	21.20		
10	QPSK	25	25	21.29	21.20	21.27		
10	QPSK	50	0	21.25	21.26	21.19		
10	16QAM	1	0	21.10	21.17	21.07	22.5	0
10	16QAM	1	25	21.09	21.13	21.12		
10	16QAM	1	49	21.12	21.04	21.07		
10	16QAM	25	0	20.34	20.38	20.31	22	0.5
10	16QAM	25	12	20.47	20.41	20.39		
10	16QAM	25	25	20.42	20.32	20.35		
10	16QAM	50	0	20.41	20.36	20.33		
10	64QAM	1	0	20.98	21.04	20.96	22	0.5
10	64QAM	1	25	20.95	20.97	21.02		
10	64QAM	1	49	21.00	20.94	20.94		
10	64QAM	25	0	19.83	19.87	19.81	21	1.5
10	64QAM	25	12	19.97	19.91	19.88		
10	64QAM	25	25	19.92	19.81	19.84		
10	64QAM	50	0	19.90	19.85	19.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.04	21.02	21.02	22.5	0
5	QPSK	1	12	21.02	21.00	21.01		
5	QPSK	1	24	20.95	20.96	20.96		
5	QPSK	12	0	21.03	21.03	21.07	22.5	0
5	QPSK	12	7	21.07	21.08	21.09		
5	QPSK	12	13	21.04	21.02	21.04		
5	QPSK	25	0	21.04	21.03	21.04		
5	16QAM	1	0	21.04	21.08	21.05	22.5	0
5	16QAM	1	12	21.03	21.05	21.09		
5	16QAM	1	24	20.98	21.01	20.98		
5	16QAM	12	0	20.33	20.35	20.34	22	0.5
5	16QAM	12	7	20.35	20.41	20.35		
5	16QAM	12	13	20.31	20.33	20.30		
5	16QAM	25	0	20.30	20.37	20.34		
5	64QAM	1	0	20.96	20.98	20.95	22	0.5
5	64QAM	1	12	20.94	20.98	20.96		
5	64QAM	1	24	20.88	20.90	20.90		
5	64QAM	12	0	19.82	19.85	19.84	21	1.5
5	64QAM	12	7	19.85	19.86	19.86		
5	64QAM	12	13	19.80	19.82	19.79		
5	64QAM	25	0	19.79	19.86	19.83		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.00	21.05	22.5	0
3	QPSK	1	8	21.00	20.98	21.02		
3	QPSK	1	14	20.97	21.07	21.00		
3	QPSK	8	0	21.03	21.06	21.06	22.5	0
3	QPSK	8	4	21.09	21.10	21.10		
3	QPSK	8	7	21.05	21.05	21.06		
3	QPSK	15	0	21.03	21.06	21.06		
3	16QAM	1	0	21.05	21.09	21.07	22.5	0
3	16QAM	1	8	21.08	21.10	21.07		
3	16QAM	1	14	21.04	21.04	21.05		
3	16QAM	8	0	20.39	20.41	20.38	22	0.5
3	16QAM	8	4	20.41	20.46	20.44		
3	16QAM	8	7	20.39	20.39	20.40		
3	16QAM	15	0	20.35	20.40	20.35		
3	64QAM	1	0	20.94	20.98	20.94	22	0.5
3	64QAM	1	8	20.93	20.98	20.95		
3	64QAM	1	14	20.90	20.94	20.97		
3	64QAM	8	0	19.83	19.86	19.86	21	1.5
3	64QAM	8	4	19.86	19.90	19.88		
3	64QAM	8	7	19.82	19.84	19.85		
3	64QAM	15	0	19.80	19.86	19.82		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.98	20.96	21.00	22.5	0
1.4	QPSK	1	3	21.04	21.01	21.03		
1.4	QPSK	1	5	20.95	20.95	20.95		
1.4	QPSK	3	0	21.01	21.04	21.01		
1.4	QPSK	3	1	21.07	21.05	21.02		
1.4	QPSK	3	3	21.04	20.99	21.00		
1.4	QPSK	6	0	21.03	21.00	21.02	22.5	0
1.4	16QAM	1	0	21.03	21.06	21.04	22.5	0
1.4	16QAM	1	3	21.11	21.13	21.14		
1.4	16QAM	1	5	21.05	21.04	21.03		
1.4	16QAM	3	0	20.77	20.79	20.80		
1.4	16QAM	3	1	20.81	20.83	20.83		
1.4	16QAM	3	3	20.76	20.78	20.78		
1.4	16QAM	6	0	20.37	20.39	20.34	22	0.5
1.4	64QAM	1	0	20.96	20.89	20.95	22	0.5
1.4	64QAM	1	3	21.02	21.02	21.02		
1.4	64QAM	1	5	20.92	20.96	20.92		
1.4	64QAM	3	0	20.84	20.87	20.84		
1.4	64QAM	3	1	20.88	20.90	20.86		
1.4	64QAM	3	3	20.83	20.84	20.81		
1.4	64QAM	6	0	19.81	19.80	19.79	21	1.5

Band 7 (2600MHz Band)
Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.58	14.70	14.50	16	0
20	QPSK	1	49	14.59	14.54	14.56		
20	QPSK	1	99	14.69	14.50	14.54		
20	QPSK	50	0	14.58	14.68	14.61	16	0
20	QPSK	50	24	14.67	14.58	14.61		
20	QPSK	50	50	14.62	14.56	14.61		
20	QPSK	100	0	14.61	14.62	14.59		
20	16QAM	1	0	14.53	14.50	14.48	16	0
20	16QAM	1	49	14.54	14.48	14.54		
20	16QAM	1	99	14.56	14.54	14.45		
20	16QAM	50	0	14.22	14.17	14.18	16	0
20	16QAM	50	24	14.23	14.24	14.23		
20	16QAM	50	50	14.33	14.25	14.20		
20	16QAM	100	0	14.23	14.20	14.19		
20	64QAM	1	0	14.41	14.31	14.33	16	0
20	64QAM	1	49	14.40	14.35	14.34		
20	64QAM	1	99	14.41	14.34	14.34		
20	64QAM	50	0	14.20	14.15	14.17	16	0
20	64QAM	50	24	14.23	14.22	14.17		
20	64QAM	50	50	14.23	14.22	14.18		
20	64QAM	100	0	14.23	14.20	14.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.47	14.30	14.36	16	0
15	QPSK	1	37	14.45	14.31	14.34		
15	QPSK	1	74	14.51	14.40	14.45		
15	QPSK	36	0	14.51	14.32	14.38	16	0
15	QPSK	36	20	14.47	14.36	14.43		
15	QPSK	36	39	14.48	14.36	14.42		
15	QPSK	75	0	14.44	14.33	14.40		
15	16QAM	1	0	14.56	14.47	14.50	16	0
15	16QAM	1	37	14.57	14.45	14.44		
15	16QAM	1	74	14.59	14.58	14.55		
15	16QAM	36	0	14.31	14.17	14.21	16	0
15	16QAM	36	20	14.28	14.23	14.25		
15	16QAM	36	39	14.25	14.25	14.24		
15	16QAM	75	0	14.24	14.20	14.20		
15	64QAM	1	0	14.48	14.36	14.36	16	0
15	64QAM	1	37	14.48	14.35	14.32		
15	64QAM	1	74	14.49	14.41	14.33		
15	64QAM	36	0	14.30	14.15	14.22	16	0
15	64QAM	36	20	14.23	14.22	14.24		
15	64QAM	36	39	14.25	14.24	14.22		
15	64QAM	75	0	14.22	14.19	14.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.41	14.25	14.28	16	0
10	QPSK	1	25	14.44	14.29	14.32		
10	QPSK	1	49	14.42	14.30	14.34		
10	QPSK	25	0	14.47	14.29	14.32	16	0
10	QPSK	25	12	14.50	14.36	14.33		
10	QPSK	25	25	14.43	14.37	14.32		
10	QPSK	50	0	14.40	14.33	14.36		
10	16QAM	1	0	14.57	14.40	14.44	16	0
10	16QAM	1	25	14.61	14.43	14.41		
10	16QAM	1	49	14.52	14.51	14.46		
10	16QAM	25	0	14.29	14.16	14.13	16	0
10	16QAM	25	12	14.32	14.18	14.15		
10	16QAM	25	25	14.20	14.17	14.14		
10	16QAM	50	0	14.22	14.21	14.18		
10	64QAM	1	0	14.41	14.29	14.27	16	0
10	64QAM	1	25	14.44	14.33	14.29		
10	64QAM	1	49	14.39	14.37	14.34		
10	64QAM	25	0	14.29	14.15	14.16	16	0
10	64QAM	25	12	14.32	14.16	14.15		
10	64QAM	25	25	14.24	14.15	14.13		
10	64QAM	50	0	14.20	14.18	14.16		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.37	14.28	14.28	16	0
5	QPSK	1	12	14.41	14.28	14.28		
5	QPSK	1	24	14.44	14.33	14.30		
5	QPSK	12	0	14.45	14.34	14.30	16	0
5	QPSK	12	7	14.48	14.35	14.35		
5	QPSK	12	13	14.46	14.36	14.37		
5	QPSK	25	0	14.44	14.29	14.29		
5	16QAM	1	0	14.52	14.39	14.40	16	0
5	16QAM	1	12	14.51	14.40	14.40		
5	16QAM	1	24	14.59	14.43	14.39		
5	16QAM	12	0	14.29	14.15	14.16	16	0
5	16QAM	12	7	14.32	14.23	14.19		
5	16QAM	12	13	14.34	14.20	14.16		
5	16QAM	25	0	14.26	14.17	14.10		
5	64QAM	1	0	14.36	14.26	14.26	16	0
5	64QAM	1	12	14.40	14.30	14.28		
5	64QAM	1	24	14.44	14.28	14.27		
5	64QAM	12	0	14.28	14.14	14.16	16	0
5	64QAM	12	7	14.32	14.22	14.16		
5	64QAM	12	13	14.29	14.18	14.17		
5	64QAM	25	0	14.27	14.18	14.13		

Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.58	12.50	12.18	13.5	0
20	QPSK	1	49	12.39	12.35	12.29		
20	QPSK	1	99	12.44	12.36	12.24		
20	QPSK	50	0	12.37	12.32	12.16	13.5	0
20	QPSK	50	24	12.36	12.24	12.12		
20	QPSK	50	50	12.24	12.14	12.13		
20	QPSK	100	0	12.31	12.30	12.14		
20	16QAM	1	0	12.36	12.25	12.17	13.5	0
20	16QAM	1	49	12.27	12.14	12.21		
20	16QAM	1	99	12.11	12.09	12.04		
20	16QAM	50	0	12.07	11.92	11.88	13.5	0
20	16QAM	50	24	12.04	11.92	11.84		
20	16QAM	50	50	11.97	11.83	11.85		
20	16QAM	100	0	12.01	11.86	11.82		
20	64QAM	1	0	12.22	12.10	12.04	13.5	0
20	64QAM	1	49	12.12	11.98	12.05		
20	64QAM	1	99	11.96	11.94	11.89		
20	64QAM	50	0	12.05	11.94	11.86	13.5	0
20	64QAM	50	24	12.05	11.88	11.82		
20	64QAM	50	50	11.95	11.80	11.84		
20	64QAM	100	0	12.01	11.84	11.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.23	12.16	12.01	13.5	0
15	QPSK	1	37	12.17	12.04	12.05		
15	QPSK	1	74	12.09	11.89	11.93		
15	QPSK	36	0	12.23	12.16	12.05	13.5	0
15	QPSK	36	20	12.25	12.12	12.12		
15	QPSK	36	39	12.15	12.01	12.03		
15	QPSK	75	0	12.21	12.07	11.98		
15	16QAM	1	0	12.34	12.22	12.09	13.5	0
15	16QAM	1	37	12.25	12.08	12.13		
15	16QAM	1	74	12.14	11.97	12.04		
15	16QAM	36	0	12.04	11.88	11.83	13.5	0
15	16QAM	36	20	12.06	11.91	11.90		
15	16QAM	36	39	11.98	11.81	11.88		
15	16QAM	75	0	12.01	11.85	11.78		
15	64QAM	1	0	12.21	12.08	12.01	13.5	0
15	64QAM	1	37	12.11	11.98	12.01		
15	64QAM	1	74	12.01	11.85	11.92		
15	64QAM	36	0	12.02	11.89	11.81	13.5	0
15	64QAM	36	20	12.04	11.92	11.91		
15	64QAM	36	39	11.95	11.80	11.88		
15	64QAM	75	0	12.00	11.85	11.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.29	12.13	12.09	13.5	0
10	QPSK	1	25	12.24	12.03	12.05		
10	QPSK	1	49	12.18	11.95	11.97		
10	QPSK	25	0	12.24	12.13	12.11	13.5	0
10	QPSK	25	12	12.24	12.06	12.11		
10	QPSK	25	25	12.23	12.03	12.04		
10	QPSK	50	0	12.23	12.06	12.04		
10	16QAM	1	0	12.35	12.16	12.20	13.5	0
10	16QAM	1	25	12.33	12.09	12.18		
10	16QAM	1	49	12.23	12.01	12.11		
10	16QAM	25	0	12.09	11.93	11.93	13.5	0
10	16QAM	25	12	12.06	11.86	11.93		
10	16QAM	25	25	12.03	11.83	11.86		
10	16QAM	50	0	12.03	11.86	11.90		
10	64QAM	1	0	12.25	12.06	12.06	13.5	0
10	64QAM	1	25	12.23	12.00	12.04		
10	64QAM	1	49	12.14	11.89	11.98		
10	64QAM	25	0	12.09	11.90	11.93	13.5	0
10	64QAM	25	12	12.05	11.90	11.93		
10	64QAM	25	25	12.02	11.81	11.86		
10	64QAM	50	0	12.02	11.83	11.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.20	12.08	12.03	13.5	0
5	QPSK	1	12	12.19	12.03	12.03		
5	QPSK	1	24	12.15	11.99	11.99		
5	QPSK	12	0	12.24	12.06	12.09	13.5	0
5	QPSK	12	7	12.27	12.12	12.08		
5	QPSK	12	13	12.19	12.02	12.04		
5	QPSK	25	0	12.22	12.06	12.08		
5	16QAM	1	0	12.30	12.13	12.16	13.5	0
5	16QAM	1	12	12.34	12.15	12.16		
5	16QAM	1	24	12.25	12.04	12.09		
5	16QAM	12	0	12.08	11.88	11.88	13.5	0
5	16QAM	12	7	12.09	11.92	11.97		
5	16QAM	12	13	12.01	11.83	11.84		
5	16QAM	25	0	12.02	11.85	11.87		
5	64QAM	1	0	12.18	12.00	12.04	13.5	0
5	64QAM	1	12	12.17	12.00	12.04		
5	64QAM	1	24	12.11	11.92	11.97		
5	64QAM	12	0	12.07	11.90	11.86	13.5	0
5	64QAM	12	7	12.07	11.90	11.92		
5	64QAM	12	13	12.02	11.84	11.87		
5	64QAM	25	0	12.00	11.84	11.86		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.18	11.96	12.07	13.5	0
3	QPSK	1	8	12.18	12.02	12.04		
3	QPSK	1	14	12.17	12.01	11.99		
3	QPSK	8	0	12.23	12.03	12.10	13.5	0
3	QPSK	8	4	12.25	12.04	12.09		
3	QPSK	8	7	12.21	12.02	12.06		
3	QPSK	15	0	12.21	11.98	12.03		
3	16QAM	1	0	12.26	12.00	12.16	13.5	0
3	16QAM	1	8	12.30	12.08	12.14		
3	16QAM	1	14	12.22	12.00	12.08		
3	16QAM	8	0	12.05	11.82	11.90	13.5	0
3	16QAM	8	4	12.06	11.87	11.90		
3	16QAM	8	7	12.00	11.79	11.85		
3	16QAM	15	0	12.00	11.87	11.88		
3	64QAM	1	0	12.15	11.89	12.03	13.5	0
3	64QAM	1	8	12.15	11.94	12.02		
3	64QAM	1	14	12.12	11.94	11.99		
3	64QAM	8	0	12.09	11.88	11.95	13.5	0
3	64QAM	8	4	12.09	11.93	11.95		
3	64QAM	8	7	12.00	11.80	11.84		
3	64QAM	15	0	11.99	11.77	11.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.14	11.98	11.95	13.5	0
1.4	QPSK	1	3	12.18	12.03	12.06		
1.4	QPSK	1	5	12.13	11.99	11.95		
1.4	QPSK	3	0	12.15	12.04	11.98		
1.4	QPSK	3	1	12.21	12.06	12.07		
1.4	QPSK	3	3	12.16	12.00	11.98		
1.4	QPSK	6	0	12.16	11.99	11.99	13.5	0
1.4	16QAM	1	0	12.23	12.04	12.03	13.5	0
1.4	16QAM	1	3	12.27	12.12	12.13		
1.4	16QAM	1	5	12.23	12.03	12.10		
1.4	16QAM	3	0	12.02	11.85	11.87		
1.4	16QAM	3	1	12.06	11.90	11.88		
1.4	16QAM	3	3	11.98	11.80	11.88		
1.4	16QAM	6	0	12.05	11.89	11.87	13.5	0
1.4	64QAM	1	0	12.08	11.92	12.00	13.5	0
1.4	64QAM	1	3	12.19	11.96	12.03		
1.4	64QAM	1	5	12.08	11.93	11.94		
1.4	64QAM	3	0	12.01	11.86	11.86		
1.4	64QAM	3	1	12.09	11.91	11.93		
1.4	64QAM	3	3	12.00	11.82	11.86		
1.4	64QAM	6	0	11.99	11.78	11.83	13.5	0

Reduced Power Mode for Handheld on

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.00	18.92	18.67	20.00	18.43	18.54	18.50	19.50
3GPP Rel 99	RMC 12.2Kbps	19.01	19.08	18.99	20.00	18.45	18.58	18.51	19.50
3GPP Rel 6	HSDPA Subtest-1	17.96	18.07	17.87	19.00	17.10	17.29	17.27	18.50
3GPP Rel 6	HSDPA Subtest-2	18.18	18.08	17.82	19.00	17.15	17.26	17.27	18.50
3GPP Rel 6	HSDPA Subtest-3	17.66	17.56	17.41	18.50	16.63	16.79	16.70	18.00
3GPP Rel 6	HSDPA Subtest-4	17.63	17.60	17.35	18.50	16.62	16.82	16.76	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.89	18.00	18.01	19.00	17.12	17.20	17.21	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.10	18.01	18.02	19.00	17.16	17.24	17.20	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.65	17.56	17.56	18.50	16.71	16.74	16.84	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.58	17.65	17.56	18.50	16.80	16.70	16.80	18.00
3GPP Rel 6	HSUPA Subtest-1	17.96	17.80	17.71	19.00	17.13	17.36	17.10	18.50
3GPP Rel 6	HSUPA Subtest-2	16.01	15.92	15.77	17.00	15.23	15.35	15.14	16.50
3GPP Rel 6	HSUPA Subtest-3	17.04	16.82	16.74	18.00	16.20	16.29	16.16	17.50
3GPP Rel 6	HSUPA Subtest-4	16.04	16.07	15.65	17.00	15.16	15.28	15.16	16.50
3GPP Rel 6	HSUPA Subtest-5	18.10	18.00	17.60	19.00	17.20	17.30	17.10	18.50

Band 2 (1900MHz Band)
Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.07	19.20	19.09	20	0
20	QPSK	1	49	18.99	19.12	19.19		
20	QPSK	1	99	19.00	19.06	19.05		
20	QPSK	50	0	19.03	19.19	19.08	20	0
20	QPSK	50	24	19.05	19.15	19.18		
20	QPSK	50	50	19.05	19.13	19.12		
20	QPSK	100	0	19.09	19.13	19.06		
20	16QAM	1	0	19.02	19.12	19.07	20	0
20	16QAM	1	49	18.96	19.10	19.14		
20	16QAM	1	99	18.96	19.03	19.01		
20	16QAM	50	0	18.66	18.75	18.74	20	0
20	16QAM	50	24	18.67	18.82	18.84		
20	16QAM	50	50	18.78	18.75	18.75		
20	16QAM	100	0	18.73	18.76	18.75		
20	64QAM	1	0	18.95	19.01	18.97	20	0
20	64QAM	1	49	18.90	18.97	19.03		
20	64QAM	1	99	18.84	18.87	18.87		
20	64QAM	50	0	18.67	18.79	18.72	20	0
20	64QAM	50	24	18.66	18.80	18.83		
20	64QAM	50	50	18.72	18.70	18.75		
20	64QAM	100	0	18.81	18.75	18.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.81	18.89	18.96	20	0
15	QPSK	1	37	18.77	18.90	18.92		
15	QPSK	1	74	18.70	18.82	18.85		
15	QPSK	36	0	18.84	18.93	18.95	20	0
15	QPSK	36	20	18.87	18.95	18.98		
15	QPSK	36	39	18.79	18.89	18.91		
15	QPSK	75	0	18.78	18.89	18.95		
15	16QAM	1	0	18.98	19.06	19.12	20	0
15	16QAM	1	37	18.94	19.05	19.08		
15	16QAM	1	74	18.88	18.99	18.97		
15	16QAM	36	0	18.74	18.80	18.85	20	0
15	16QAM	36	20	18.72	18.83	18.85		
15	16QAM	36	39	18.68	18.76	18.77		
15	16QAM	75	0	18.69	18.76	18.84		
15	64QAM	1	0	18.86	18.94	19.00	20	0
15	64QAM	1	37	18.83	18.92	18.96		
15	64QAM	1	74	18.78	18.82	18.85		
15	64QAM	36	0	18.71	18.76	18.84	20	0
15	64QAM	36	20	18.70	18.81	18.82		
15	64QAM	36	39	18.63	18.77	18.76		
15	64QAM	75	0	18.70	18.75	18.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.90	18.98	18.94	20	0
10	QPSK	1	25	18.81	18.86	18.91		
10	QPSK	1	49	18.78	18.88	18.84		
10	QPSK	25	0	18.81	18.90	18.92	20	0
10	QPSK	25	12	18.80	18.91	18.92		
10	QPSK	25	25	18.77	18.84	18.85		
10	QPSK	50	0	18.78	18.88	18.92		
10	16QAM	1	0	19.07	19.17	19.10	20	0
10	16QAM	1	25	18.97	19.04	19.07		
10	16QAM	1	49	18.95	19.09	19.03		
10	16QAM	25	0	18.70	18.75	18.78	20	0
10	16QAM	25	12	18.66	18.79	18.78		
10	16QAM	25	25	18.66	18.72	18.75		
10	16QAM	50	0	18.64	18.75	18.76		
10	64QAM	1	0	18.96	18.99	18.98	20	0
10	64QAM	1	25	18.86	18.98	18.97		
10	64QAM	1	49	18.82	18.93	18.89		
10	64QAM	25	0	18.68	18.76	18.78	20	0
10	64QAM	25	12	18.67	18.76	18.77		
10	64QAM	25	25	18.60	18.72	18.74		
10	64QAM	50	0	18.66	18.76	18.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.78	18.84	18.90	20	0
5	QPSK	1	12	18.78	18.88	18.84		
5	QPSK	1	24	18.72	18.84	18.79		
5	QPSK	12	0	18.82	18.92	18.96	20	0
5	QPSK	12	7	18.87	18.92	18.96		
5	QPSK	12	13	18.80	18.89	18.90		
5	QPSK	25	0	18.78	18.82	18.86		
5	16QAM	1	0	18.99	19.10	19.08	20	0
5	16QAM	1	12	18.95	19.07	19.06		
5	16QAM	1	24	18.95	18.98	19.00		
5	16QAM	12	0	18.72	18.82	18.81	20	0
5	16QAM	12	7	18.73	18.82	18.82		
5	16QAM	12	13	18.75	18.77	18.80		
5	16QAM	25	0	18.62	18.74	18.76		
5	64QAM	1	0	18.84	18.94	18.94	20	0
5	64QAM	1	12	18.83	18.95	18.93		
5	64QAM	1	24	18.77	18.92	18.90		
5	64QAM	12	0	18.71	18.80	18.79	20	0
5	64QAM	12	7	18.68	18.84	18.82		
5	64QAM	12	13	18.68	18.76	18.76		
5	64QAM	25	0	18.62	18.74	18.76		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.81	18.86	18.89	20	0
3	QPSK	1	8	18.80	18.82	18.87		
3	QPSK	1	14	18.82	18.85	18.83		
3	QPSK	8	0	18.84	18.93	18.92	20	0
3	QPSK	8	4	18.85	18.96	18.93		
3	QPSK	8	7	18.85	18.88	18.91		
3	QPSK	15	0	18.88	18.88	18.88		
3	16QAM	1	0	18.90	19.02	19.04	20	0
3	16QAM	1	8	18.94	19.04	19.08		
3	16QAM	1	14	18.92	19.03	18.97		
3	16QAM	8	0	18.76	18.85	18.85	20	0
3	16QAM	8	4	18.83	18.86	18.89		
3	16QAM	8	7	18.78	18.87	18.85		
3	16QAM	15	0	18.67	18.76	18.74		
3	64QAM	1	0	18.81	18.87	18.92	20	0
3	64QAM	1	8	18.85	18.98	18.95		
3	64QAM	1	14	18.79	18.89	18.86		
3	64QAM	8	0	18.70	18.80	18.79	20	0
3	64QAM	8	4	18.73	18.86	18.85		
3	64QAM	8	7	18.70	18.80	18.77		
3	64QAM	15	0	18.61	18.72	18.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.72	18.84	18.82	20	0
1.4	QPSK	1	3	18.78	18.86	18.88		
1.4	QPSK	1	5	18.75	18.79	18.80		
1.4	QPSK	3	0	18.79	18.85	18.82		
1.4	QPSK	3	1	18.81	18.91	18.89		
1.4	QPSK	3	3	18.79	18.84	18.82		
1.4	QPSK	6	0	18.76	18.82	18.83	20	0
1.4	16QAM	1	0	18.93	18.99	18.96	20	0
1.4	16QAM	1	3	18.99	19.06	19.05		
1.4	16QAM	1	5	18.88	18.98	18.93		
1.4	16QAM	3	0	18.69	18.76	18.71		
1.4	16QAM	3	1	18.68	18.77	18.77		
1.4	16QAM	3	3	18.64	18.70	18.72		
1.4	16QAM	6	0	18.73	18.73	18.75	20	0
1.4	64QAM	1	0	18.83	18.94	18.89	20	0
1.4	64QAM	1	3	18.87	19.00	18.95		
1.4	64QAM	1	5	18.78	18.89	18.86		
1.4	64QAM	3	0	18.75	18.79	18.75		
1.4	64QAM	3	1	18.80	18.87	18.82		
1.4	64QAM	3	3	18.73	18.83	18.79		
1.4	64QAM	6	0	18.58	18.71	18.66	20	0

Band 4 (AWS Band)
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.05	19.18	19.10	20	0
20	QPSK	1	49	18.98	19.09	19.09		
20	QPSK	1	99	19.01	18.94	18.95		
20	QPSK	50	0	19.04	19.13	19.12	20	0
20	QPSK	50	24	19.17	19.12	19.06		
20	QPSK	50	50	19.09	19.05	19.09		
20	QPSK	100	0	19.14	19.15	19.02		
20	16QAM	1	0	18.95	19.03	18.95	20	0
20	16QAM	1	49	18.88	18.98	18.93		
20	16QAM	1	99	18.96	18.79	18.77		
20	16QAM	50	0	18.64	18.77	18.70	20	0
20	16QAM	50	24	18.79	18.71	18.63		
20	16QAM	50	50	18.74	18.62	18.66		
20	16QAM	100	0	18.76	18.70	18.57		
20	64QAM	1	0	18.84	18.99	18.85	20	0
20	64QAM	1	49	18.77	18.87	18.87		
20	64QAM	1	99	18.85	18.68	18.69		
20	64QAM	50	0	18.66	18.76	18.69	20	0
20	64QAM	50	24	18.75	18.71	18.65		
20	64QAM	50	50	18.70	18.60	18.64		
20	64QAM	100	0	18.75	18.69	18.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.83	18.95	18.85	20	0
15	QPSK	1	37	18.77	18.85	18.86		
15	QPSK	1	74	18.82	18.77	18.72		
15	QPSK	36	0	18.85	18.92	18.87	20	0
15	QPSK	36	20	18.99	18.95	18.90		
15	QPSK	36	39	18.89	18.83	18.86		
15	QPSK	75	0	18.96	18.90	18.81		
15	16QAM	1	0	18.94	19.08	18.90	20	0
15	16QAM	1	37	18.84	18.97	18.90		
15	16QAM	1	74	18.97	18.89	18.79		
15	16QAM	36	0	18.60	18.79	18.66	20	0
15	16QAM	36	20	18.76	18.78	18.71		
15	16QAM	36	39	18.77	18.67	18.67		
15	16QAM	75	0	18.75	18.73	18.57		
15	64QAM	1	0	18.83	18.95	18.81	20	0
15	64QAM	1	37	18.73	18.83	18.82		
15	64QAM	1	74	18.86	18.80	18.70		
15	64QAM	36	0	18.59	18.80	18.66	20	0
15	64QAM	36	20	18.73	18.76	18.69		
15	64QAM	36	39	18.74	18.69	18.66		
15	64QAM	75	0	18.73	18.72	18.57		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.82	18.93	18.93	20	0
10	QPSK	1	25	18.79	18.87	18.87		
10	QPSK	1	49	18.74	18.78	18.76		
10	QPSK	25	0	18.83	18.91	18.92	20	0
10	QPSK	25	12	18.85	18.94	18.93		
10	QPSK	25	25	18.80	18.87	18.88		
10	QPSK	50	0	18.84	18.90	18.90		
10	16QAM	1	0	18.94	19.00	19.00	20	0
10	16QAM	1	25	18.83	18.96	18.91		
10	16QAM	1	49	18.78	18.87	18.80		
10	16QAM	25	0	18.65	18.71	18.73	20	0
10	16QAM	25	12	18.67	18.73	18.72		
10	16QAM	25	25	18.62	18.67	18.67		
10	16QAM	50	0	18.65	18.70	18.73		
10	64QAM	1	0	18.84	18.90	18.89	20	0
10	64QAM	1	25	18.75	18.86	18.81		
10	64QAM	1	49	18.69	18.78	18.74		
10	64QAM	25	0	18.64	18.73	18.70	20	0
10	64QAM	25	12	18.67	18.72	18.71		
10	64QAM	25	25	18.61	18.68	18.68		
10	64QAM	50	0	18.63	18.68	18.70		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.77	18.86	18.86	20	0
5	QPSK	1	12	18.78	18.86	18.83		
5	QPSK	1	24	18.75	18.78	18.75		
5	QPSK	12	0	18.82	18.92	18.88	20	0
5	QPSK	12	7	18.88	18.93	18.92		
5	QPSK	12	13	18.80	18.88	18.84		
5	QPSK	25	0	18.81	18.89	18.87		
5	16QAM	1	0	18.79	18.96	18.84	20	0
5	16QAM	1	12	18.84	18.96	18.85		
5	16QAM	1	24	18.77	18.88	18.82		
5	16QAM	12	0	18.60	18.72	18.65	20	0
5	16QAM	12	7	18.65	18.75	18.70		
5	16QAM	12	13	18.62	18.71	18.63		
5	16QAM	25	0	18.58	18.70	18.66		
5	64QAM	1	0	18.72	18.83	18.76	20	0
5	64QAM	1	12	18.74	18.84	18.79		
5	64QAM	1	24	18.76	18.79	18.70		
5	64QAM	12	0	18.63	18.71	18.65	20	0
5	64QAM	12	7	18.60	18.73	18.70		
5	64QAM	12	13	18.60	18.70	18.61		
5	64QAM	25	0	18.58	18.68	18.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.21	18.34	18.30	20	0
3	QPSK	1	8	18.29	18.41	18.36		
3	QPSK	1	14	18.20	18.31	18.26		
3	QPSK	8	0	18.26	18.37	18.33	20	0
3	QPSK	8	4	18.31	18.41	18.37		
3	QPSK	8	7	18.28	18.38	18.34		
3	QPSK	15	0	18.27	18.38	18.36		
3	16QAM	1	0	18.78	18.93	18.88	20	0
3	16QAM	1	8	18.79	18.95	18.88		
3	16QAM	1	14	18.78	18.89	18.83		
3	16QAM	8	0	18.64	18.76	18.69	20	0
3	16QAM	8	4	18.68	18.79	18.76		
3	16QAM	8	7	18.65	18.74	18.72		
3	16QAM	15	0	18.63	18.70	18.70		
3	64QAM	1	0	18.69	18.83	18.77	20	0
3	64QAM	1	8	18.76	18.84	18.78		
3	64QAM	1	14	18.70	18.82	18.77		
3	64QAM	8	0	18.60	18.70	18.66	20	0
3	64QAM	8	4	18.62	18.74	18.70		
3	64QAM	8	7	18.61	18.69	18.66		
3	64QAM	15	0	18.60	18.68	18.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.21	18.34	18.30	20	0
1.4	QPSK	1	3	18.29	18.41	18.36		
1.4	QPSK	1	5	18.20	18.31	18.26		
1.4	QPSK	3	0	18.26	18.37	18.33		
1.4	QPSK	3	1	18.31	18.41	18.37		
1.4	QPSK	3	3	18.28	18.38	18.34		
1.4	QPSK	6	0	18.27	18.38	18.36	20	0
1.4	16QAM	1	0	18.82	18.92	18.84	20	0
1.4	16QAM	1	3	18.91	18.97	18.91		
1.4	16QAM	1	5	18.77	18.91	18.82		
1.4	16QAM	3	0	18.64	18.69	18.63		
1.4	16QAM	3	1	18.64	18.72	18.67		
1.4	16QAM	3	3	18.55	18.67	18.61		
1.4	16QAM	6	0	18.66	18.75	18.70	20	0
1.4	64QAM	1	0	18.77	18.84	18.77	20	0
1.4	64QAM	1	3	18.78	18.88	18.84		
1.4	64QAM	1	5	18.71	18.81	18.77		
1.4	64QAM	3	0	18.66	18.73	18.67		
1.4	64QAM	3	1	18.69	18.75	18.72		
1.4	64QAM	3	3	18.63	18.72	18.67		
1.4	64QAM	6	0	18.57	18.68	18.64	20	0

Band 7 (2600MHz Band)
Part 27

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.44	20.64	20.51	22	0
20	QPSK	1	49	20.44	20.41	20.50		
20	QPSK	1	99	20.53	20.47	20.53		
20	QPSK	50	0	20.46	20.56	20.55	22	0
20	QPSK	50	24	20.52	20.49	20.56		
20	QPSK	50	50	20.56	20.49	20.58		
20	QPSK	100	0	20.50	20.60	20.59		
20	16QAM	1	0	20.49	20.56	20.56	22	0
20	16QAM	1	49	20.50	20.50	20.55		
20	16QAM	1	99	20.63	20.61	20.61		
20	16QAM	50	0	20.20	20.26	20.28	22	0
20	16QAM	50	24	20.26	20.28	20.31		
20	16QAM	50	50	20.32	20.31	20.32		
20	16QAM	100	0	20.26	20.26	20.29		
20	64QAM	1	0	20.39	20.45	20.41	22	0
20	64QAM	1	49	20.37	20.37	20.43		
20	64QAM	1	99	20.47	20.51	20.47		
20	64QAM	50	0	20.31	20.34	20.38	21	1
20	64QAM	50	24	20.37	20.37	20.40		
20	64QAM	50	50	20.42	20.43	20.41		
20	64QAM	100	0	20.35	20.37	20.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.49	20.32	20.45	22	0
15	QPSK	1	37	20.47	20.34	20.45		
15	QPSK	1	74	20.50	20.44	20.47		
15	QPSK	36	0	20.51	20.38	20.43	22	0
15	QPSK	36	20	20.48	20.42	20.46		
15	QPSK	36	39	20.44	20.41	20.44		
15	QPSK	75	0	20.41	20.35	20.44		
15	16QAM	1	0	20.45	20.37	20.43	22	0
15	16QAM	1	37	20.51	20.34	20.47		
15	16QAM	1	74	20.53	20.50	20.59		
15	16QAM	36	0	20.29	20.18	20.25	22	0
15	16QAM	36	20	20.21	20.26	20.32		
15	16QAM	36	39	20.22	20.24	20.26		
15	16QAM	75	0	20.16	20.24	20.28		
15	64QAM	1	0	20.37	20.36	20.42	22	0
15	64QAM	1	37	20.41	20.35	20.40		
15	64QAM	1	74	20.40	20.43	20.46		
15	64QAM	36	0	20.31	20.28	20.29	21	1
15	64QAM	36	20	20.40	20.31	20.31		
15	64QAM	36	39	20.27	20.33	20.33		
15	64QAM	75	0	20.24	20.32	20.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.42	20.34	20.42	22	0
10	QPSK	1	25	20.45	20.36	20.44		
10	QPSK	1	49	20.42	20.39	20.44		
10	QPSK	25	0	20.44	20.40	20.45	22	0
10	QPSK	25	12	20.53	20.42	20.47		
10	QPSK	25	25	20.41	20.45	20.51		
10	QPSK	50	0	20.40	20.42	20.45		
10	16QAM	1	0	20.43	20.39	20.45	22	0
10	16QAM	1	25	20.48	20.42	20.45		
10	16QAM	1	49	20.43	20.48	20.48		
10	16QAM	25	0	20.24	20.18	20.19	22	0
10	16QAM	25	12	20.32	20.20	20.21		
10	16QAM	25	25	20.16	20.23	20.22		
10	16QAM	50	0	20.14	20.22	20.24		
10	64QAM	1	0	20.35	20.30	20.34	22	0
10	64QAM	1	25	20.40	20.30	20.36		
10	64QAM	1	49	20.35	20.37	20.36		
10	64QAM	25	0	20.06	20.25	20.25	21	1
10	64QAM	25	12	20.14	20.34	20.27		
10	64QAM	25	25	20.41	20.27	20.27		
10	64QAM	50	0	20.37	20.26	20.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.38	20.30	20.34	22	0
5	QPSK	1	12	20.41	20.29	20.33		
5	QPSK	1	24	20.39	20.30	20.34		
5	QPSK	12	0	20.22	20.34	20.37	22	0
5	QPSK	12	7	20.28	20.35	20.44		
5	QPSK	12	13	20.25	20.38	20.41		
5	QPSK	25	0	20.47	20.33	20.39		
5	16QAM	1	0	20.17	20.37	20.37	22	0
5	16QAM	1	12	20.22	20.37	20.35		
5	16QAM	1	24	20.23	20.39	20.40		
5	16QAM	12	0	20.20	20.18	20.14	22	0
5	16QAM	12	7	20.18	20.24	20.20		
5	16QAM	12	13	20.08	20.20	20.18		
5	16QAM	25	0	20.20	20.20	20.15		
5	64QAM	1	0	20.14	20.30	20.29	22	0
5	64QAM	1	12	20.13	20.31	20.27		
5	64QAM	1	24	20.41	20.34	20.28		
5	64QAM	12	0	20.38	20.25	20.36	21	1
5	64QAM	12	7	20.32	20.31	20.40		
5	64QAM	12	13	20.34	20.34	20.32		
5	64QAM	25	0	20.29	20.35	20.36		

Band 66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.19	18.98	19.01	20	0
20	QPSK	1	49	18.93	18.96	19.03		
20	QPSK	1	99	18.86	18.88	18.86		
20	QPSK	50	0	19.05	19.01	19.00	20	0
20	QPSK	50	24	18.98	18.99	18.95		
20	QPSK	50	50	18.92	18.91	18.94		
20	QPSK	100	0	19.00	18.98	18.91		
20	16QAM	1	0	19.06	19.08	19.03	20	0
20	16QAM	1	49	19.00	18.99	19.04		
20	16QAM	1	99	18.93	18.91	18.85		
20	16QAM	50	0	18.75	18.76	18.70	20	0
20	16QAM	50	24	18.78	18.74	18.69		
20	16QAM	50	50	18.74	18.67	18.68		
20	16QAM	100	0	18.72	18.69	18.64		
20	64QAM	1	0	18.93	19.01	18.92	20	0
20	64QAM	1	49	18.90	18.83	18.94		
20	64QAM	1	99	18.82	18.81	18.78		
20	64QAM	50	0	18.75	18.74	18.71	20	0
20	64QAM	50	24	18.72	18.71	18.69		
20	64QAM	50	50	18.66	18.65	18.68		
20	64QAM	100	0	18.75	18.68	18.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.89	18.94	18.90	20	0
15	QPSK	1	37	18.86	18.89	18.93		
15	QPSK	1	74	18.78	18.77	18.75		
15	QPSK	36	0	18.93	18.97	18.87	20	0
15	QPSK	36	20	18.94	18.94	18.99		
15	QPSK	36	39	18.85	18.89	18.89		
15	QPSK	75	0	18.90	18.90	18.82		
15	16QAM	1	0	19.11	19.07	19.01	20	0
15	16QAM	1	37	19.00	18.98	19.02		
15	16QAM	1	74	18.96	18.86	18.88		
15	16QAM	36	0	18.77	18.77	18.68	20	0
15	16QAM	36	20	18.80	18.76	18.76		
15	16QAM	36	39	18.74	18.67	18.70		
15	16QAM	75	0	18.73	18.73	18.66		
15	64QAM	1	0	18.95	18.94	18.89	20	0
15	64QAM	1	37	18.87	18.83	18.90		
15	64QAM	1	74	18.84	18.74	18.75		
15	64QAM	36	0	18.75	18.75	18.71	20	0
15	64QAM	36	20	18.77	18.74	18.80		
15	64QAM	36	39	18.74	18.68	18.71		
15	64QAM	75	0	18.72	18.72	18.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.92	18.94	18.95	20	0
10	QPSK	1	25	18.89	18.91	18.89		
10	QPSK	1	49	18.81	18.78	18.80		
10	QPSK	25	0	18.90	18.94	18.92	20	0
10	QPSK	25	12	18.93	18.93	18.93		
10	QPSK	25	25	18.86	18.88	18.88		
10	QPSK	50	0	18.90	18.87	18.92		
10	16QAM	1	0	19.10	19.01	19.05	20	0
10	16QAM	1	25	19.02	19.00	18.99		
10	16QAM	1	49	18.95	18.89	18.89		
10	16QAM	25	0	18.78	18.74	18.77	20	0
10	16QAM	25	12	18.75	18.74	18.74		
10	16QAM	25	25	18.68	18.65	18.69		
10	16QAM	50	0	18.72	18.73	18.73		
10	64QAM	1	0	18.97	18.91	18.96	20	0
10	64QAM	1	25	18.90	18.89	18.86		
10	64QAM	1	49	18.88	18.79	18.80		
10	64QAM	25	0	18.74	18.73	18.76	20	0
10	64QAM	25	12	18.75	18.73	18.75		
10	64QAM	25	25	18.73	18.65	18.67		
10	64QAM	50	0	18.74	18.70	18.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.86	18.88	18.86	20	0
5	QPSK	1	12	18.88	18.89	18.87		
5	QPSK	1	24	18.82	18.82	18.81		
5	QPSK	12	0	18.90	18.92	18.88	20	0
5	QPSK	12	7	18.91	18.95	18.90		
5	QPSK	12	13	18.87	18.87	18.85		
5	QPSK	25	0	18.87	18.90	18.88		
5	16QAM	1	0	18.98	18.97	18.97	20	0
5	16QAM	1	12	19.03	18.94	18.97		
5	16QAM	1	24	18.95	18.90	18.90		
5	16QAM	12	0	18.75	18.77	18.74	20	0
5	16QAM	12	7	18.79	18.76	18.77		
5	16QAM	12	13	18.75	18.69	18.68		
5	16QAM	25	0	18.72	18.68	18.69		
5	64QAM	1	0	18.87	18.88	18.85	20	0
5	64QAM	1	12	18.86	18.85	18.86		
5	64QAM	1	24	18.83	18.77	18.78		
5	64QAM	12	0	18.73	18.74	18.70	20	0
5	64QAM	12	7	18.73	18.74	18.72		
5	64QAM	12	13	18.70	18.68	18.67		
5	64QAM	25	0	18.70	18.69	18.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.89	18.93	18.90	20	0
3	QPSK	1	8	18.87	18.92	18.85		
3	QPSK	1	14	18.82	18.87	18.81		
3	QPSK	8	0	18.92	18.98	18.91	20	0
3	QPSK	8	4	18.99	19.00	18.94		
3	QPSK	8	7	18.93	18.94	18.89		
3	QPSK	15	0	18.95	18.96	18.87		
3	16QAM	1	0	19.01	19.00	18.97	20	0
3	16QAM	1	8	19.04	19.01	19.00		
3	16QAM	1	14	19.02	18.95	18.92		
3	16QAM	8	0	18.87	18.84	18.81	20	0
3	16QAM	8	4	18.86	18.86	18.82		
3	16QAM	8	7	18.81	18.78	18.76		
3	16QAM	15	0	18.77	18.79	18.72		
3	64QAM	1	0	18.92	18.90	18.89	20	0
3	64QAM	1	8	18.95	18.94	18.87		
3	64QAM	1	14	18.90	18.86	18.80		
3	64QAM	8	0	18.80	18.79	18.72	20	0
3	64QAM	8	4	18.87	18.83	18.76		
3	64QAM	8	7	18.82	18.79	18.76		
3	64QAM	15	0	18.78	18.73	18.69		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.02	18.03	18.01	20	0
1.4	QPSK	1	3	18.09	18.12	18.10		
1.4	QPSK	1	5	18.01	18.04	18.08		
1.4	QPSK	3	0	18.07	18.10	18.06		
1.4	QPSK	3	1	18.09	18.12	18.09		
1.4	QPSK	3	3	18.04	18.08	18.04		
1.4	QPSK	6	0	18.07	18.08	18.06	20	0
1.4	16QAM	1	0	18.96	18.92	18.93	20	0
1.4	16QAM	1	3	19.04	19.00	19.01		
1.4	16QAM	1	5	18.93	18.92	18.89		
1.4	16QAM	3	0	18.73	18.73	18.71		
1.4	16QAM	3	1	18.80	18.75	18.74		
1.4	16QAM	3	3	18.75	18.70	18.72		
1.4	16QAM	6	0	18.78	18.76	18.76	20	0
1.4	64QAM	1	0	18.88	18.81	18.82	20	0
1.4	64QAM	1	3	18.94	18.89	18.87		
1.4	64QAM	1	5	18.82	18.80	18.76		
1.4	64QAM	3	0	18.80	18.76	18.75		
1.4	64QAM	3	1	18.81	18.78	18.81		
1.4	64QAM	3	3	18.77	18.77	18.72		
1.4	64QAM	6	0	18.70	18.66	18.67	20	0

Full Power Mode

2CA DL

Configure		CA List	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.86	23.16
			Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	22.34	22.69
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	22.85	23.06
			Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	22.63	22.89
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	22.79	23.06
			Band 17	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.74	22.93
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	22.74	22.99
			Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	22.58	22.69
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	22.67	22.89
			Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	22.79	23.09
Intra-Band	Contiguous	CA_7B	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	22.39	22.44
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	22.93	23.04
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	22.90	23.09
	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	22.78	23.06
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	22.49	22.69

3CA DL

<Inter-Band for Three Carrier Combination> (three bands)

Configure		PCC							SCC1				SCC2				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.93	23.16
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.76	23.06
		Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.79	22.99
	CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.46	22.53
		Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.32	22.69
		Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.42	22.54
		Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	22.89	22.97
		Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	22.81	23.09
		Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	22.79	23.01
	CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.83	23.02
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.83	23.06
		Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.78	23.02
		Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	22.43	22.53
		Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	22.38	22.69
		Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	22.41	22.54

Reduced Power Mode for Sensor On/Hotspot on
2CA DL

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Inter-Band		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	12.33	12.56
			Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	14.56	14.70
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	12.35	12.51
			Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	22.59	22.89
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	12.37	12.51
			Band 17	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.69	22.93
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	21.16	21.31
			Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	14.51	14.70
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	22.74	22.89
			Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	12.36	12.50
Intra-Band	Contiguous	CA_7B	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	14.05	14.30
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	12.03	12.16
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	12.24	12.50
	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	12.31	12.51
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	14.49	14.70

3CA DL

<Inter-Band for Three Carrier Combination> (three bands)

Configure		PCC							SCC1				SCC2				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	12.52	12.56
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	12.34	12.51
		Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	21.22	21.31
	CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	14.25	14.58
		Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	14.31	14.7
		Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	14.28	14.5
		Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	12.47	12.58
		Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	12.43	12.5
		Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	12.01	12.18
	CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	12.29	12.4
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	12.35	12.51
		Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	12.07	12.25
		Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	14.31	14.58
		Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	14.47	14.7
		Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	14.25	14.5

Reduced Power Mode for Handheld on
2CA DL

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Inter-Band		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	18.97	19.20
			Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	20.41	20.64
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	18.86	19.18
			Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	22.61	22.89
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	18.92	19.18
			Band 17	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	22.76	22.93
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	22.78	22.99
			Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	20.41	20.64
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	22.71	22.89
			Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	18.68	18.98
Intra-Band	Contiguous	CA_7B	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	20.14	20.32
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	18.68	18.94
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	18.75	18.98
	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	19.03	19.18
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	20.34	20.64

3CA DL

<Inter-Band for Three Carrier Combination> (three bands)

Configure		PCC							SCC1				SCC2				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	18.76	18.97
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	18.67	18.86
		Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	21.78	22.78
	CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	20.26	20.44
		Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	20.29	20.64
		Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	20.18	20.51
		Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	19.11	19.19
		Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	18.76	18.98
		Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	18.88	19.01
	CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	18.91	19.05
		Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	18.95	19.18
		Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	18.86	19.1
		Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	20.25	20.44
		Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	20.31	20.64
		Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	20.17	20.51

2.4GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.13	20.00	100.00
		6	2437	18.43	20.00	
		11	2462	18.34	20.00	
	802.11g 6Mbps	1	2412	17.84	19.50	98.58
		6	2437	18.49	20.00	
		11	2462	16.01	17.50	
	802.11n-HT20 MCS0	1	2412	17.91	19.00	98.52
		6	2437	17.50	19.00	
		11	2462	16.22	18.00	

2.4GHz WLAN	Reduced Power for Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.17	15.50	100.00
		6	2437	14.25	15.50	
		11	2462	14.23	15.50	
	802.11g 6Mbps	1	2412	Not Inquired	15.50	98.58
		6	2437		15.50	
		11	2462		15.50	
	802.11n-HT20 MCS0	1	2412		15.50	98.52
		6	2437		15.50	
		11	2462		15.50	

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.96	18.50	98.28
		40	5200	19.40	20.50	
		44	5220	19.26	20.50	
		48	5240	18.93	20.50	
	802.11n-HT20 MCS0	36	5180	17.02	18.50	98.16
		40	5200	19.52	20.50	
		44	5220	19.49	20.50	
		48	5240	19.20	20.50	
	802.11n-HT40 MCS0	38	5190	12.96	14.00	96.03
		46	5230	19.33	20.00	
	802.11ac-VHT20 MCS0	36	5180	16.19	17.00	98.01
		40	5200	16.20	17.00	
		44	5220	15.94	17.00	
		48	5240	15.90	17.00	
	802.11ac-VHT40 MCS0	38	5190	16.06	17.00	96.50
		46	5230	15.93	17.00	
	802.11ac-VHT80 MCS0	42	5210	12.17	13.50	91.00

5GHz WLAN	Reduced Power for Simultaneous&Hotspot					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	7.15	7.50	98.28
		40	5200	7.23	7.50	
		44	5220	7.19	7.50	
		48	5240	7.17	7.50	
	802.11n-HT20 MCS0	36	5180	Not Inquired	7.50	98.16
		40	5200		7.50	
		44	5220		7.50	
		48	5240		7.50	
	802.11n-HT40 MCS0	38	5190		7.00	96.03
		46	5230		7.00	
	802.11ac-VHT20 MCS0	36	5180		7.50	98.01
		40	5200		7.50	
		44	5220		7.50	
		48	5240		7.50	
	802.11ac-VHT40 MCS0	38	5190		7.00	96.50
		46	5230		7.00	
	802.11ac-VHT80 MCS0	42	5210		7.00	91.00

5GHz WLAN	Reduced Power for P-Sensor					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	11.49	12.00	98.28
		40	5200	11.51	12.00	
		44	5220	11.37	12.00	
		48	5240	11.23	12.00	
	802.11n-HT20 MCS0	36	5180	Not Inquired	12.00	98.16
		40	5200		12.00	
		44	5220		12.00	
		48	5240		12.00	
	802.11n-HT40 MCS0	38	5190		11.50	96.03
		46	5230		11.50	
	802.11ac-VHT20 MCS0	36	5180		12.00	98.01
		40	5200		12.00	
		44	5220		12.00	
		48	5240		12.00	
	802.11ac-VHT40 MCS0	38	5190		11.50	96.50
		46	5230		11.50	
	802.11ac-VHT80 MCS0	42	5210		11.50	91.00

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.25	20.50	98.28
		56	5280	19.39	20.50	
		60	5300	19.36	20.50	
		64	5320	17.75	19.00	
	802.11n-HT20 MCS0	52	5260	19.15	20.50	98.16
		56	5280	19.23	20.50	
		60	5300	19.26	20.50	
		64	5320	17.62	19.00	
	802.11n-HT40 MCS0	54	5270	19.23	20.00	96.03
		62	5310	15.62	17.00	
	802.11ac-VHT20 MCS0	52	5260	15.73	17.00	98.01
		56	5280	15.83	17.00	
		60	5300	15.81	17.00	
		64	5320	15.87	17.00	
	802.11ac-VHT40 MCS0	54	5270	15.72	17.00	96.50
		62	5310	15.77	17.00	
	802.11ac-VHT80 MCS0	58	5290	14.47	16.00	91.00

5GHz WLAN	Reduced Power for Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	6.30	7.50	98.28
		56	5280	6.16	7.50	
		60	5300	6.31	7.50	
		64	5320	6.27	7.50	
	802.11n-HT20 MCS0	52	5260	Not Inquired	7.50	98.16
		56	5280		7.50	
		60	5300		7.50	
		64	5320		7.50	
	802.11n-HT40 MCS0	54	5270		7.00	96.03
		62	5310		7.00	
	802.11ac-VHT20 MCS0	52	5260		7.50	98.01
		56	5280		7.50	
		60	5300		7.50	
		64	5320		7.50	
	802.11ac-VHT40 MCS0	54	5270		7.00	96.50
		62	5310		7.00	
	802.11ac-VHT80 MCS0	58	5290		7.00	91.00

5GHz WLAN	Reduced Power for P-Sensor					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	11.15	12.00	98.28
		56	5280	11.29	12.00	
		60	5300	11.23	12.00	
		64	5320	11.15	12.00	
	802.11n-HT20 MCS0	52	5260	Not Inquired	12.00	98.16
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT40 MCS0	54	5270		11.50	96.03
		62	5310		11.50	
	802.11ac-VHT20 MCS0	52	5260		12.00	98.01
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11ac-VHT40 MCS0	54	5270		11.50	96.50
		62	5310		11.50	
	802.11ac-VHT80 MCS0	58	5290		11.50	91.00

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.83	20.50	98.28
		116	5580	18.70	20.50	
		124	5620	18.68	20.50	
		132	5660	19.30	20.50	
		140	5700	18.35	20.00	
		144	5720	19.33	20.50	
	802.11n-HT20 MCS0	100	5500	18.72	20.50	98.16
		116	5580	18.62	20.50	
		124	5620	18.71	20.50	
		132	5660	19.33	20.50	
		140	5700	18.46	20.00	
		144	5720	19.35	20.50	
	802.11n-HT40 MCS0	102	5510	16.34	18.00	96.03
		110	5550	18.44	20.00	
		126	5630	18.93	20.00	
		134	5670	17.72	18.50	
		142	5710	19.50	20.00	
	802.11ac-VHT20 MCS0	100	5500	15.99	17.00	98.01
		116	5580	15.64	17.00	
		124	5620	16.24	17.00	
		132	5660	16.03	17.00	
		140	5700	16.83	17.00	
		144	5720	16.98	17.00	
	802.11ac-VHT40 MCS0	102	5510	15.88	17.00	96.50
		110	5550	16.06	17.00	
		126	5630	16.25	17.00	
		134	5670	16.27	17.00	
		142	5710	16.82	17.00	
	802.11ac-VHT80 MCS0	106	5530	12.94	14.00	91.00
		122	5610	15.91	17.00	
		138	5690	16.46	17.00	

5GHz WLAN	Reduced Power for Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	6.28	7.50	98.28
		116	5580	5.75	7.50	
		124	5620	6.05	7.50	
		132	5660	6.37	7.50	
		140	5700	6.73	7.50	
		144	5720	6.87	7.50	
	802.11n-HT20 MCS0	100	5500	Not Inquired	7.50	98.16
		116	5580		7.50	
		124	5620		7.50	
		132	5660		7.50	
		140	5700		7.50	
		144	5720		7.50	
	802.11n-HT40 MCS0	102	5510		7.00	96.03
		110	5550		7.00	
		126	5630		7.00	
		134	5670		7.00	
		142	5710		7.00	
	802.11ac-VHT20 MCS0	100	5500		7.50	98.01
		116	5580		7.50	
		124	5620		7.50	
		132	5660		7.50	
		140	5700		7.50	
		144	5720		7.50	
	802.11ac-VHT40 MCS0	102	5510		7.00	96.50
		110	5550		7.00	
		126	5630		7.00	
		134	5670		7.00	
		142	5710		7.00	
	802.11ac-VHT80 MCS0	106	5530		7.00	91.00
		122	5610		7.00	
		138	5690		7.00	

5GHz WLAN	Reduced Power for P-Sensor					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	11.24	12.00	98.28
		116	5580	10.86	12.00	
		124	5620	10.96	12.00	
		132	5660	11.69	12.00	
		140	5700	11.52	12.00	
		144	5720	11.79	12.00	
	802.11n-HT20 MCS0	100	5500	Not Inquired	12.00	98.16
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
		144	5720		12.00	
	802.11n-HT40 MCS0	102	5510		11.50	96.03
		110	5550		11.50	
		126	5630		11.50	
		134	5670		11.50	
		142	5710		11.50	
	802.11ac-VHT20 MCS0	100	5500		12.00	98.01
		116	5580		12.00	
		124	5620		12.00	
		132	5660		12.00	
		140	5700		12.00	
		144	5720		12.00	
	802.11ac-VHT40 MCS0	102	5510		11.50	96.50
		110	5550		11.50	
		126	5630		11.50	
		134	5670		11.50	
		142	5710		11.50	
	802.11ac-VHT80 MCS0	106	5530		11.50	91.00
		122	5610		11.50	
		138	5690		11.50	

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.74	20.50	98.28
		157	5785	19.41	20.50	
		165	5825	19.19	20.50	
	802.11n-HT20 MCS0	149	5745	19.66	20.50	98.16
		157	5785	19.30	20.50	
		165	5825	19.12	20.50	
	802.11n-HT40 MCS0	151	5755	19.70	20.00	96.03
		159	5795	19.20	20.00	
	802.11ac-VHT20 MCS0	149	5745	16.52	17.00	98.01
		157	5785	16.61	17.00	
		165	5825	16.36	17.00	
	802.11ac-VHT40 MCS0	151	5755	16.61	17.00	96.50
		159	5795	16.41	17.00	
	802.11ac-VHT80 MCS0	155	5775	16.46	17.00	91.00

5GHz WLAN	Reduced Power for Simultaneous&Hotspot					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	6.61	7.50	98.28
		157	5785	6.63	7.50	
		165	5825	6.49	7.50	
	802.11n-HT20 MCS0	149	5745	Not Inquired	7.50	98.16
		157	5785		7.50	
		165	5825		7.50	
	802.11n-HT40 MCS0	151	5755		7.00	96.03
		159	5795		7.00	
	802.11ac-VHT20 MCS0	149	5745		7.50	98.01
		157	5785		7.50	
		165	5825		7.50	
	802.11ac-VHT40 MCS0	151	5755		7.00	96.50
		159	5795		7.00	
	802.11ac-VHT80 MCS0	155	5775		7.00	91.00

5GHz WLAN	Reduced Power for P-Sensor					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	11.63	12.00	98.28
		157	5785	11.51	12.00	
		165	5825	11.39	12.00	
	802.11n-HT20 MCS0	149	5745	Not Inquired	12.00	98.16
		157	5785		12.00	
		165	5825		12.00	
	802.11n-HT40 MCS0	151	5755		11.50	96.03
		159	5795		11.50	
	802.11ac-VHT20 MCS0	149	5745		12.00	98.01
		157	5785		12.00	
		165	5825		12.00	
	802.11ac-VHT40 MCS0	151	5755		11.50	96.50
		159	5795		11.50	
	802.11ac-VHT80 MCS0	155	5775		11.50	91.00

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.40	7.67	7.67
	CH 39	2441	10.54	7.43	8.27
	CH 78	2480	9.62	7.96	7.63
Tune-up Limit			11.00		

LE v4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	4.08
	CH 19	2440	5.19
	CH 39	2480	5.63
Tune-up Limit			7.00

LE v5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	3.86
	CH 19	2440	5.11
	CH 39	2480	5.66
Tune-up Limit			7.00

Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	0	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
WCDMA II	RMC12.2K	1880	9400	N/A	N/A	Left Cheek	0 mm	0.087	0.119	0.052	0.053	0.051	0.052	0.054	0.052	0.053	0.053	0.052	0.054	0.055	0.054	0.052	0.056	0.054	0.052	0.055	0.055	0.051	0.054	0.057

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	1	8	15	22	29	36	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141
WCDMA IV	RMC12.2K	1732.6	1413	N/A	N/A	Right Cheek	0 mm	0.097	0.128	0.082	0.084	0.081	0.087	0.088	0.084	0.082	0.086	0.083	0.082	0.083	0.086	0.082	0.083	0.085	0.083	0.083	0.084	0.081	0.082	0.082

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	2	9	16	23	30	37	44	51	58	65	72	79	86	93	100	107	114	121	128	135	142
WCDMA V	RMC12.2K	836.4	4182	N/A	N/A	Right Cheek	0 mm	0.347	0.410	0.078	0.296	0.167	0.276	0.257	0.294	0.027	0.247	0.108	0.122	0.102	0.134	0.013	0.165	0.057	0.058	0.076	0.089	0.005	0.005	0.023

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	3	10	17	24	31	38	45	52	59	66	73	80	87	94	101	108	115	122	129	136	143
LTE Band 2	QPSK	1880	18900	1	0	Left Cheek	0 mm	0.089	0.123	0.062	0.061	0.062	0.063	0.061	0.063	0.064	0.062	0.062	0.065	0.062	0.062	0.067	0.061	0.062	0.067	0.062	0.063	0.067	0.061	0.063

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	4	11	18	25	32	39	46	53	60	67	74	81	88	95	102	109	116	123	130	137	
LTE Band 5	QPSK	836.5	20525	1	0	Right Cheek	0 mm	0.335	0.395	0.187	0.031	0.201	0.301	0.182	0.281	0.090	0.007	0.155	0.136	0.054	0.118	0.048	0.003	0.086	0.095	0.020	0.082	0.019	0.001	

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	5	12	19	26	33	40	47	54	61	68	75	82	89	96	103	110	117	124	131	138	
LTE Band 12	QPSK	707.5	23095	1	0	Right Cheek	0 mm	0.230	0.262	0.052	0.054	0.055	0.055	0.055	0.055	0.053	0.054	0.054	0.054	0.054	0.054	0.052	0.054	0.054	0.054	0.056	0.058	0.057	0.059	

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	6	13	20	27	34	41	48	55	62	69	76	83	90	97	104	111	118	125	132	139	
LTE Band 66	QPSK	1720	132072	1	0	Right Cheek	0 mm	0.082	0.109	0.065	0.061	0.062	0.068	0.064	0.066	0.066	0.063	0.063	0.062	0.063	0.067	0.063	0.061	0.066	0.062	0.061	0.067	0.061	0.061	

Body

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	0	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
WCDMA II	RMC12.2K	1880	9400	N/A	N/A	Back	5 mm	1.040	1.760	0.809	1.112	0.839	0.921	1.218	0.998	1.022	1.189	1.038	1.126	1.242	1.198	0.825	1.280	1.293	0.891	1.286	1.397	0.651	1.238	1.384

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	1	8	15	22	29	36	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141
WCDMA IV	RMC12.2K	1752.6	1513	N/A	N/A	Back	5 mm	1.050	1.720	0.612	0.863	0.295	1.100	1.180	0.768	0.613	1.090	0.691	0.706	0.646	1.000	0.310	0.779	0.927	0.439	0.463	0.730	0.126	0.365	0.518

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	2	9	16	23	30	37	44	51	58	65	72	79	86	93	100	107	114	121	128	135	142
WCDMA V	RMC12.2K	836.4	4182	N/A	N/A	Back	5 mm	0.953	1.470	0.231	0.808	0.525	0.516	0.946	0.866	0.082	0.823	0.436	0.177	0.521	0.539	0.000	0.685	0.242	0.075	0.415	0.343	0.000	0.399	0.103

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	3	10	17	24	31	38	45	52	59	66	73	80	87	94	101	108	115	122	129	136	143
LTE Band 2	QPSK	1880	18900	1	0	Back	5 mm	0.999	1.710	0.601	0.151	0.375	0.758	0.277	0.560	0.883	0.320	0.454	0.977	0.470	0.646	1.040	0.225	0.617	1.040	0.299	0.772	0.883	0.110	0.660

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	4	11	18	25	32	39	46	53	60	67	74	81	88	95	102	109	116	123	130	137	
LTE Band 5	QPSK	836.5	20525	1	0	Back	5 mm	0.970	1.520	0.633	0.107	0.698	0.996	0.318	1.030	0.406	0.384	0.723	0.603	0.079	0.659	0.210	0.116	0.438	0.347	0.156	0.437	0.106	0.411		

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	5	12	19	26	33	40	47	54	61	68	75	82	89	96	103	110	117	124	131	138	
LTE Band 12	QPSK	707.5	23095	1	0	Back	5 mm	0.851	1.380	0.425	0.581	0.664	0.698	0.763	0.791	0.763	0.895	0.919	0.923	0.926	0.439	0.532	0.803	0.848	0.858	0.889	0.847	0.915	0.897		

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																						
									Auto-Tune	6	13	20	27	34	41	48	55	62	69	76	83	90	97	104	111	118	125	132	139	
LTE Band 66	QPSK	1720	132072	1	0	Back	5 mm	1.030	1.710	0.820	0.278	1.070	0.477	0.853	0.755	0.767	0.507	0.371	0.756	0.424	0.258	0.328	0.269	0.466	0.165	0.050	0.600	0.139	0.201		

Body-verified for SAR higher than 1.2W/Kg

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.760	0.809	0.900	0.996	1.062	1.101	1.098	1.112	1.109	1.124	0.655	0.713	0.785	0.839	0.866	0.865	0.873	0.882	0.884	0.921	1.015
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									1.120	1.187	1.207	1.211	1.218	1.240	1.257	0.769	0.848	0.936	0.998	1.027	1.028	1.037	1.041	1.052	1.022	1.267	1.413	1.310	1.242
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									1.232	1.189	1.158	1.111	0.834	1.020	1.127	1.038	0.978	0.971	0.929	0.909	0.871	1.126	1.345	1.459	1.367	1.292	1.289	1.242	1.221
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
WCDMA II	RMC12.2K	1880	9400	N/A	N/A	Back	5mm	1.04	1.189	0.951	1.163	1.294	1.198	1.125	1.119	1.086	1.057	1.025	0.825	1.062	1.414	1.460	1.366	1.347	1.280	1.249	1.167	0.728	0.915
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									1.264	1.293	1.163	1.138	1.068	1.033	0.943	0.891	1.150	1.462	1.446	1.356	1.338	1.286	1.254	1.192	0.786	1.011	1.346	1.397	1.289
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									1.262	1.195	1.163	1.092	0.651	0.778	1.097	1.373	1.332	1.307	1.238	1.193	1.101	0.610	0.703	1.013	1.384	1.259	1.230	1.111	1.053
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.924	0.678	0.828	1.145	1.334	1.276	1.267	1.213	1.172	1.089	0.636	0.760	1.095	1.385	1.291	1.271	1.178	1.127	1.024		

Sensor/Hotspot

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.720	0.515	0.612	0.715	0.786	0.832	0.835	0.851	0.863	0.871	0.156	0.197	0.244	0.285	0.295	0.296	0.308	0.317	0.317	1.040	1.100
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									1.140	1.170	1.180	1.170	1.180	1.180	1.180	0.494	0.573	0.657	0.729	0.768	0.770	0.779	0.782	0.801	0.449	0.613	0.837	1.010	1.060
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									1.070	1.100	1.090	1.080	0.233	0.406	0.687	0.749	0.691	0.671	0.626	0.602	0.522	0.667	0.706	0.719	0.692	0.677	0.671	0.659	0.646
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
WCDMA IV	RMC12.2K	1752.6	1513	N/A	N/A	Back	5mm	1.05	0.630	0.430	0.611	0.832	0.976	1.000	1.010	1.010	1.010	0.988	0.222	0.310	0.455	0.631	0.698	0.727	0.755	0.779	0.815	0.117	0.197
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									0.410	0.784	0.927	0.948	0.953	0.927	0.796	0.385	0.439	0.465	0.473	0.467	0.466	0.460	0.463	0.456	0.210	0.309	0.470	0.656	0.730
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									0.751	0.779	0.794	0.818	0.090	0.126	0.186	0.270	0.312	0.328	0.351	0.365	0.406	0.047	0.079	0.148	0.341	0.518	0.566	0.681	0.729
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.787	0.165	0.199	0.222	0.235	0.235	0.238	0.232	0.234	0.234	0.084	0.122	0.192	0.294	0.342	0.361	0.388	0.402	0.439		

Sensor/Hotspot

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.470	0.078	0.128	0.231	0.445	0.567	0.622	0.697	0.730	0.808	0.058	0.095	0.182	0.359	0.483	0.525	0.595	0.634	0.701	0.208	0.315
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									0.516	0.791	0.893	0.926	0.950	0.957	0.946	0.174	0.265	0.439	0.709	0.828	0.866	0.914	0.931	0.942	0.000	0.000	0.082	0.217	0.379
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									0.466	0.619	0.692	0.823	0.111	0.039	0.064	0.191	0.346	0.436	0.608	0.693	0.819	0.042	0.083	0.177	0.407	0.531	0.559	0.577	0.584
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
WCDMA V	RMC12.2K	836.4	4182	N/A	N/A	Back	5mm	0.953	0.521	0.029	0.065	0.149	0.358	0.497	0.539	0.593	0.605	0.579	0.153	0.082	0.119	0.114	0.202	0.258	0.368	0.428	0.685	0.523	0.312
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									0.082	0.100	0.182	0.242	0.356	0.450	0.731	0.001	0.052	0.075	0.217	0.324	0.363	0.409	0.427	0.415	0.271	0.130	0.063	0.187	0.292
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									0.343	0.404	0.427	0.459	0.312	0.116	0.042	0.048	0.088	0.114	0.167	0.201	0.399	0.300	0.138	0.061	0.042	0.079	0.103	0.164	0.197
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.457	0.312	0.115	0.086	0.092	0.146	0.172	0.212	0.216	0.232	0.096	0.041	0.005	0.077	0.129	0.158	0.204	0.219	0.260		

Sensor/Hotspot

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.710	0.322	0.412	0.519	0.601	0.629	0.633	0.650	0.656	0.664	0.151	0.208	0.277	0.338	0.362	0.363	0.375	0.379	0.384	0.471	0.570
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									0.681	0.758	0.793	0.800	0.802	0.810	0.821	0.277	0.356	0.445	0.517	0.538	0.544	0.560	0.559	0.573	0.525	0.763	0.938	0.883	0.817
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									0.806	0.757	0.738	0.695	0.320	0.506	0.635	0.558	0.498	0.490	0.454	0.436	0.392	0.666	0.908	1.040	0.977	0.898	0.897	0.852	0.826
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
LTE Band 2	QPSK	1880	18900	1	0	Back	5mm	0.999	0.786	0.470	0.692	0.843	0.766	0.690	0.687	0.646	0.621	0.584	0.339	0.574	0.935	1.040	0.950	0.939	0.870	0.845	0.757	0.225	0.412
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									0.778	0.842	0.714	0.689	0.617	0.582	0.483	0.416	0.672	0.990	1.040	0.954	0.958	0.900	0.859	0.802	0.299	0.526	0.900	0.960	0.863
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									0.836	0.772	0.733	0.654	0.158	0.281	0.583	0.883	0.865	0.862	0.801	0.760	0.658	0.110	0.202	0.499	0.906	0.809	0.775	0.660	0.599
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.455	0.186	0.332	0.633	0.832	0.797	0.783	0.741	0.707	0.642	0.134	0.253	0.569	0.888	0.836	0.824	0.746	0.689	0.588		

Sensor/Hotspot

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.520	0.096	0.148	0.253	0.527	0.633	0.687	0.771	0.802	0.907	0.069	0.107	0.199	0.401	0.533	0.107	0.666	0.698	0.795	0.247	0.365
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									0.606	0.896	0.996	1.030	1.050	1.050	1.010	0.209	0.318	0.515	0.813	0.936	0.959	1.010	1.030	1.030	0.000	0.041	0.089	0.239	0.406
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									0.498	0.654	0.726	0.929	0.524	0.293	0.690	0.200	0.349	0.439	0.610	0.723	0.911	0.049	0.093	0.206	0.482	0.603	0.572	0.635	0.633
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
LTE Band 5	QPSK	836.5	20525	1	0	Back	5mm	0.97	0.560	0.042	0.079	0.183	0.391	0.566	0.598	0.650	0.659	0.622	0.000	0.000	0.043	0.130	0.210	0.267	0.397	0.439	0.712	0.399	0.195
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									0.347	0.160	0.191	0.252	0.369	0.438	0.772	0.344	0.312	0.860	0.275	0.347	0.388	0.418	0.427	0.490	0.110	0.042	0.790	0.213	0.315
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									0.361	0.418	0.437	0.507	0.403	0.281	0.044	0.580	0.160	0.135	0.250	0.230	0.478	0.041	0.196	0.315	0.051	0.092	0.120	0.180	0.229
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.535	0.391	0.206	0.049	0.110	0.196	0.220	0.263	0.271	0.258	0.135	0.059	0.004	0.104	0.152	0.204	0.245	0.254	0.282		

Sensor/Hotspot

Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									1.710	0.509	0.589	0.686	0.766	0.795	0.798	0.820	0.826	0.835	0.148	0.189	0.228	0.263	0.278	0.279	0.290	0.291	0.294	1.000	1.050
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
									1.070	1.090	1.090	1.090	1.090	1.090	1.100	0.477	0.560	0.636	0.703	0.731	0.740	0.747	0.853	0.865	0.313	0.415	0.550	0.692	0.744
									41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
									0.755	0.776	0.794	0.815	0.157	0.281	0.549	0.767	0.768	0.750	0.716	0.691	0.610	0.531	0.507	0.471	0.421	0.406	0.400	0.386	0.384
									62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
LTE Band 66	QPSK	1720	132072	1	0	Back	5mm	1.03	0.371	0.319	0.428	0.573	0.686	0.734	0.730	0.756	0.753	0.765	0.159	0.212	0.290	0.380	0.424	0.447	0.466	0.477	0.526	0.079	0.127
									83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
									0.258	0.536	0.719	0.760	0.837	0.859	0.851	0.328	0.331	0.316	0.293	0.281	0.279	0.274	0.269	0.268	0.161	0.221	0.307	0.402	0.455
									104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
									0.466	0.492	0.504	0.541	0.069	0.090	0.123	0.165	0.188	0.194	0.207	0.212	0.237	0.000	0.050	0.094	0.201	0.302	0.330	0.416	0.460
									125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143		
									0.600	0.147	0.159	0.157	0.148	0.143	0.143	0.139	0.137	0.138	0.068	0.088	0.127	0.174	0.201	0.207	0.224	0.229	0.251		