

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5127	4.981	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5121	4.977	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4950	4.962	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4962	4.991	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4984	4.964	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5100	4.992	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.4942	4.968	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4963	4.962	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.4938	4.958	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9878	9.923	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9935	10.47	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9767	9.834	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9881	9.784	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9892	9.751	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9821	9.830	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9714	9.837	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9654	9.804	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9883	9.770	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.508	14.71	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.504	14.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.468	14.73	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.466	14.68	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.492	14.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.476	14.73	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.437	14.78	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.456	14.65	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.485	14.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.973	19.43	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.975	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.960	19.62	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.961	19.55	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.986	19.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.926	19.41	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.951	19.79	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.927	19.46	PASS

Band7	20MHz	64QAM	21350	100RB#0	17.925	19.34	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.4941	4.981	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4971	5.001	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4980	5.014	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4977	5.005	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4951	5.010	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4980	5.050	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.5070	4.981	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5076	4.967	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5055	4.978	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9860	9.773	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9774	9.871	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9909	10.29	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9866	9.783	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9699	9.776	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9867	9.748	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9695	9.779	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9872	9.743	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9573	9.772	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.493	14.69	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.507	14.72	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.472	14.85	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.477	14.89	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.484	14.86	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.480	14.99	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.448	14.64	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.425	14.56	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.433	14.59	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.958	19.27	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.980	19.37	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.969	19.28	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.917	19.41	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.909	19.37	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.937	19.34	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.933	19.80	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.915	20.21	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.881	20.28	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0966	1.298	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0906	1.292	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1010	1.315	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1002	1.305	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0989	1.310	PASS

Band66	1.4MHz	16QAM	132665	6RB#0	1.0971	1.301	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.0926	1.289	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0936	1.284	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0936	1.314	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6948	2.935	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6936	2.942	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7004	2.980	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6903	2.946	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6957	2.911	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6935	2.949	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6912	2.930	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.6934	2.934	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.6945	2.929	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5158	4.987	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5116	5.023	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5026	4.981	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4971	4.982	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4970	4.961	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5209	6.595	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.4954	4.950	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.4960	5.048	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.4963	4.964	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9987	9.881	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9898	9.896	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0022	9.896	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9808	9.739	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9893	9.764	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9894	9.855	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.9777	9.823	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.9733	9.794	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.9926	9.708	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.494	14.71	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.473	14.74	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.470	14.77	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.467	14.70	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.467	14.62	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.495	14.69	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.455	15.34	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.459	14.70	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.500	14.67	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.956	19.39	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.940	19.34	PASS

Band66	20MHz	QPSK	132572	100RB#0	17.971	19.56	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.990	19.46	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.937	19.50	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.965	19.44	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.971	19.43	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.875	19.38	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.963	19.40	PASS

Test Graphs























