



































8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.1026	1.423	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0931	1.307	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1218	2.023	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1055	1.352	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0989	1.326	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1259	2.220	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6869	2.967	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6861	2.963	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6955	4.595	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6876	2.975	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6851	2.943	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6943	3.961	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4948	5.023	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4977	5.038	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5388	6.403	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4943	5.005	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4976	4.993	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5356	7.217	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9306	9.667	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9235	9.717	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9508	10.37	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9315	9.675	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9548	9.708	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9408	10.25	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.414	14.74	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.408	14.67	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.418	14.63	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.406	14.63	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.389	14.64	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.391	14.66	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.823	19.31	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.864	19.21	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.802	19.09	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.837	19.29	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.859	19.27	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.802	19.23	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0960	1.315	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0957	1.319	PASS



Band5	1.4MHz	QPSK	20643	6RB#0	1.0923	1.302	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0936	1.318	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0996	1.340	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0972	1.341	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6828	2.924	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6857	2.946	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6782	2.923	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6843	2.942	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6793	2.927	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6794	2.915	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4885	4.991	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4946	5.036	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5142	4.978	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4900	4.976	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4986	5.011	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4994	5.015	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9308	9.727	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9396	9.676	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9305	9.682	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9262	9.811	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9310	9.695	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9464	9.733	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5139	5.018	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4887	4.986	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4976	5.033	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5017	5.024	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4867	4.991	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5027	5.026	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9261	9.692	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9433	9.722	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9518	9.775	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9389	9.699	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9263	9.727	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9406	9.722	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.434	14.83	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.444	14.69	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.471	14.76	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.435	14.72	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.434	14.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.443	14.81	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.874	19.37	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.887	19.27	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.871	19.26	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.857	19.33	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.878	19.31	PASS



Band7	20MHz	16QAM	21350	100RB#0	17.868	19.35	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0955	1.299	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0914	1.294	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0949	1.299	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0912	1.308	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1065	1.325	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0939	1.327	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6816	2.911	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6819	2.940	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6762	2.939	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6855	2.939	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6773	2.937	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6761	2.927	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4876	5.004	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4926	4.987	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5029	5.001	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4862	4.972	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4921	4.994	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4978	5.051	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9364	9.688	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9175	9.636	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9343	9.632	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9253	9.708	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9328	9.676	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9111	9.657	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.4731	4.977	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5200	5.014	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4880	5.013	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4728	4.975	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5086	5.065	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4892	4.967	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9028	9.649	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9348	9.658	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4879	4.992	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4940	4.998	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5119	4.996	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4849	4.966	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4977	4.985	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5048	5.049	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9159	9.660	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9331	9.650	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9263	9.654	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9337	9.704	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9123	9.561	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9307	9.687	PASS



Test Graphs



