

















### 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	1.0984	1.334	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1009	1.308	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1050	1.428	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1022	1.329	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0994	1.314	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0930	1.359	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6890	2.945	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6860	2.963	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6865	2.946	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6837	2.945	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6851	2.938	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6835	2.954	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4932	4.997	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5016	5.024	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5202	5.026	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5119	5.040	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5220	5.049	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4970	4.976	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9481	9.743	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9356	9.703	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9454	9.823	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9373	9.720	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9300	9.655	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9312	9.670	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.459	14.77	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.75	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.477	14.77	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.477	14.74	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.452	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.464	14.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.900	19.51	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.918	19.27	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.861	19.24	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.866	19.26	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.904	19.29	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.855	19.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0988	1.286	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1009	1.317	PASS



Band4	1.4MHz	QPSK	20393	6RB#0	1.0958	1.339	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0955	1.306	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0922	1.296	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1000	1.331	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6822	2.931	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6844	2.937	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6890	2.930	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6824	2.926	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6812	2.939	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6856	2.948	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5141	5.029	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4952	5.013	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5042	5.043	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4942	4.992	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5108	5.030	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5251	5.039	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9429	9.724	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9333	9.678	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9346	9.761	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9446	9.690	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9354	9.651	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9228	9.709	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.412	14.68	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.409	14.77	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.433	14.83	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.414	14.75	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.446	14.72	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.401	14.63	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.859	19.44	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.891	19.26	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.835	19.10	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.822	19.27	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.916	19.43	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.856	19.35	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.1013	1.287	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0964	1.307	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0898	1.296	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0943	1.318	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0887	1.274	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1009	1.302	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6873	2.948	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6810	2.925	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6855	2.914	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6817	2.918	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6845	2.938	PASS



Band5	3MHz	16QAM	20635	15RB#0	2.6772	2.937	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4888	4.982	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4974	5.012	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5135	5.029	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5063	5.007	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5132	5.037	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4895	4.960	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9370	9.699	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9477	9.688	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9232	9.718	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9249	9.612	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9356	9.698	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9203	9.662	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5425	7.245	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5038	5.070	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5127	5.031	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5593	7.409	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5153	5.089	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4923	5.011	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9852	13.32	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9432	9.867	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9318	9.706	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9884	12.12	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9389	9.749	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9296	9.609	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.522	17.69	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.424	14.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.454	14.71	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.556	18.89	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.460	14.68	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.454	14.70	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.955	19.54	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.894	19.46	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.839	19.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.936	19.58	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.856	19.37	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.877	19.46	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0925	1.297	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0993	1.282	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0947	1.300	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0978	1.305	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0969	1.310	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0902	1.276	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6827	2.936	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6813	2.922	PASS



Band12	3MHz	QPSK	23165	15RB#0	2.6836	2.915	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6798	2.918	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6820	2.923	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6785	2.901	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4897	4.971	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4923	5.013	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5088	5.022	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5066	5.028	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5069	5.014	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4886	4.987	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9366	9.732	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9242	9.685	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9280	9.708	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9386	9.703	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9257	9.642	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9194	9.572	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4866	4.978	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4930	5.011	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5041	5.024	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5007	5.015	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5043	5.019	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4866	4.967	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9090	9.624	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9140	9.579	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9134	9.716	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9161	9.575	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9102	9.640	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9098	9.618	PASS



## Test Graphs

















