





























































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	1.0827	1.246	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0840	1.259	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0839	1.265	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0792	1.253	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0796	1.256	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0812	1.248	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6852	2.951	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6854	2.922	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6880	2.923	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6807	2.954	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6845	2.940	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6832	2.925	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4687	4.911	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4728	4.917	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4869	4.939	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4767	4.942	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4802	4.942	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4723	4.897	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9369	9.677	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9362	9.655	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9499	9.797	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9396	9.648	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9403	9.694	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9439	9.654	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.405	14.49	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.398	14.46	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.415	14.56	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.418	14.57	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.401	14.42	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.424	14.54	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.898	19.37	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.858	19.04	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.860	19.04	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.874	19.26	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.871	19.27	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.859	19.22	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0826	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0811	1.274	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0792	1.254	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0831	1.251	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0759	1.242	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0810	1.260	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6873	2.927	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6862	2.919	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6832	2.907	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6853	2.932	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6848	2.929	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6827	2.943	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4776	4.904	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4777	4.935	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4710	4.905	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4783	4.929	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4699	4.874	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4745	4.952	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9380	9.707	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9339	9.657	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9517	9.795	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9373	9.728	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9286	9.699	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9403	9.685	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.386	14.50	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.425	14.51	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.415	14.48	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.411	14.48	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.409	14.51	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.397	14.51	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.866	19.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.871	19.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.851	19.12	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.873	19.25	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.12	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.864	19.28	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0806	1.256	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0838	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0795	1.243	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0816	1.253	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0811	1.243	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0831	1.265	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6877	2.919	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6875	2.926	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6879	2.919	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6847	2.951	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6815	2.910	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6825	2.938	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4853	4.927	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4671	4.904	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4818	4.947	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4685	4.883	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4774	4.940	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4737	4.879	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9454	9.753	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9247	9.683	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9390	9.709	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9518	9.730	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9377	9.719	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9545	9.719	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4799	4.931	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4708	4.908	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4731	4.909	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4732	4.864	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4785	4.961	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4808	4.917	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9447	9.695	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9331	9.718	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9396	9.783	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9352	9.667	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9411	9.662	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9258	9.618	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.423	14.49	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.392	14.43	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.397	14.53	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.435	14.41	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.407	14.45	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.395	14.47	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.869	19.17	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.838	19.05	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.863	19.32	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.904	19.28	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.868	19.17	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.863	19.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0815	1.256	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0790	1.244	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0813	1.239	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0774	1.229	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0808	1.260	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0808	1.249	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6842	2.927	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6865	2.939	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6875	2.921	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6863	2.943	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6839	2.927	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6831	2.932	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4757	4.911	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4752	4.918	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4751	4.910	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4654	4.856	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4803	4.952	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4777	4.914	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9370	9.663	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9567	9.731	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9267	9.673	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9176	9.590	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9425	9.816	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9393	9.689	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4703	4.898	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4817	4.918	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4744	4.909	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4800	4.934	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4849	4.933	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4684	4.853	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9514	9.795	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9578	9.764	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9412	9.767	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9489	9.704	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9393	9.671	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9440	9.688	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.4698	4.934	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4711	4.848	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4782	5.027	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4676	4.853	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4780	4.926	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4674	4.907	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9457	9.685	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9432	9.557	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9405	9.827	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9489	9.561	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9305	9.738	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9437	9.590	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.9786	9.976	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.393	14.60	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.406	14.68	PASS

Band41	15MHz	16QAM	39725	75RB#0	13.409	14.43	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.413	14.60	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.401	14.70	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.874	19.02	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.846	19.38	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.870	19.21	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.807	19.20	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.855	19.40	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.856	19.36	PASS

Test Graphs

