

FCC Appendix RF Test Data for LTE Band 17

FCC ID : **R38YLCPK23**

Company : **Yulong Computer Telecommunication Scientific
(Shenzhen) Co., Ltd**

EUT : **Smart Phone**

Model Number : **K23**

Report No. : **CTA26032500708**

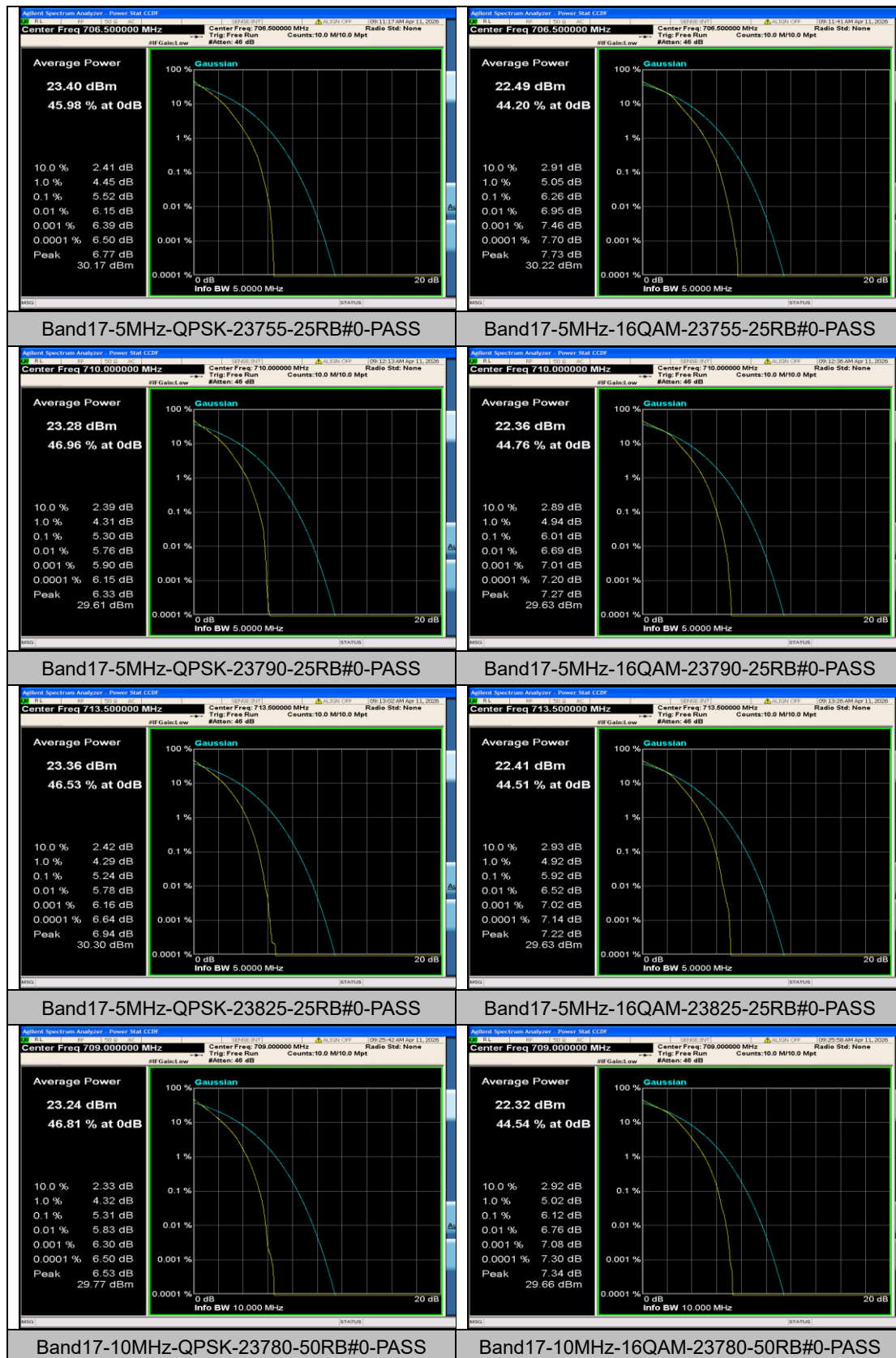
Reviewed By : **Eric Wang**

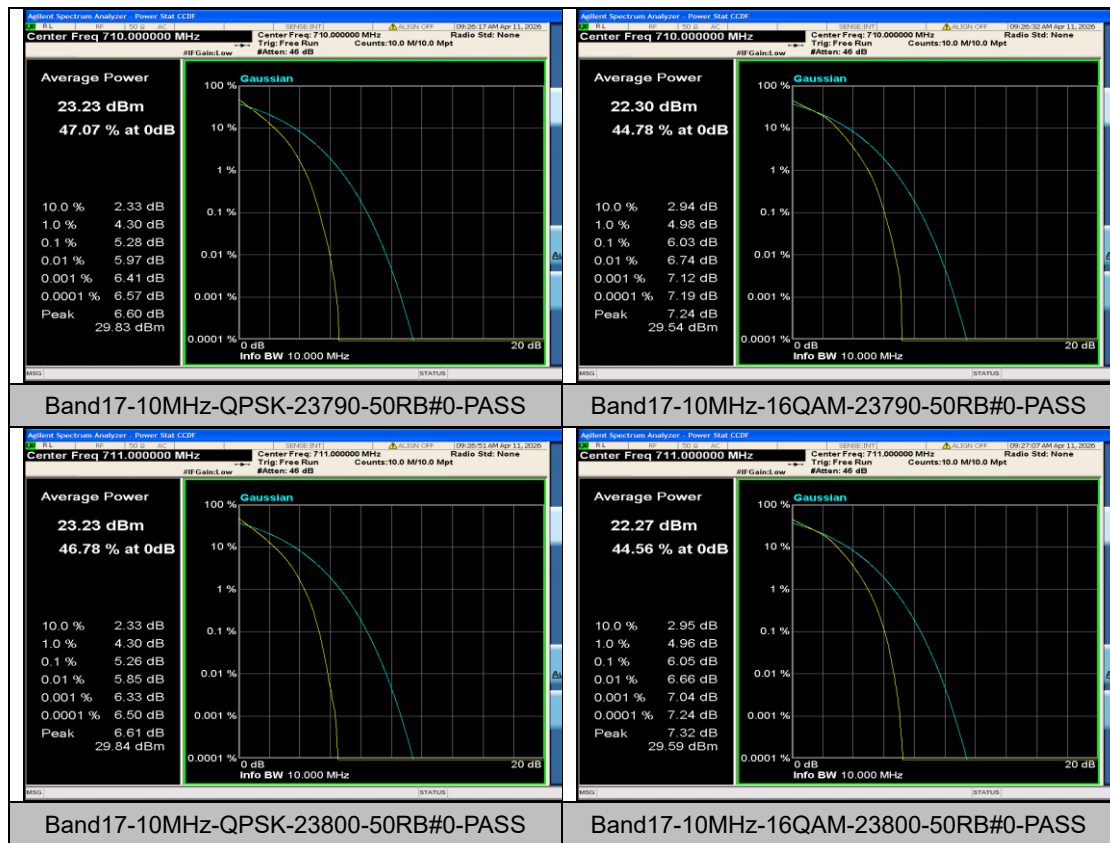
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.52	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.26	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.30	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.01	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.24	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.92	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.31	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.12	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.28	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.03	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.26	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.05	13	PASS

Test Graphs



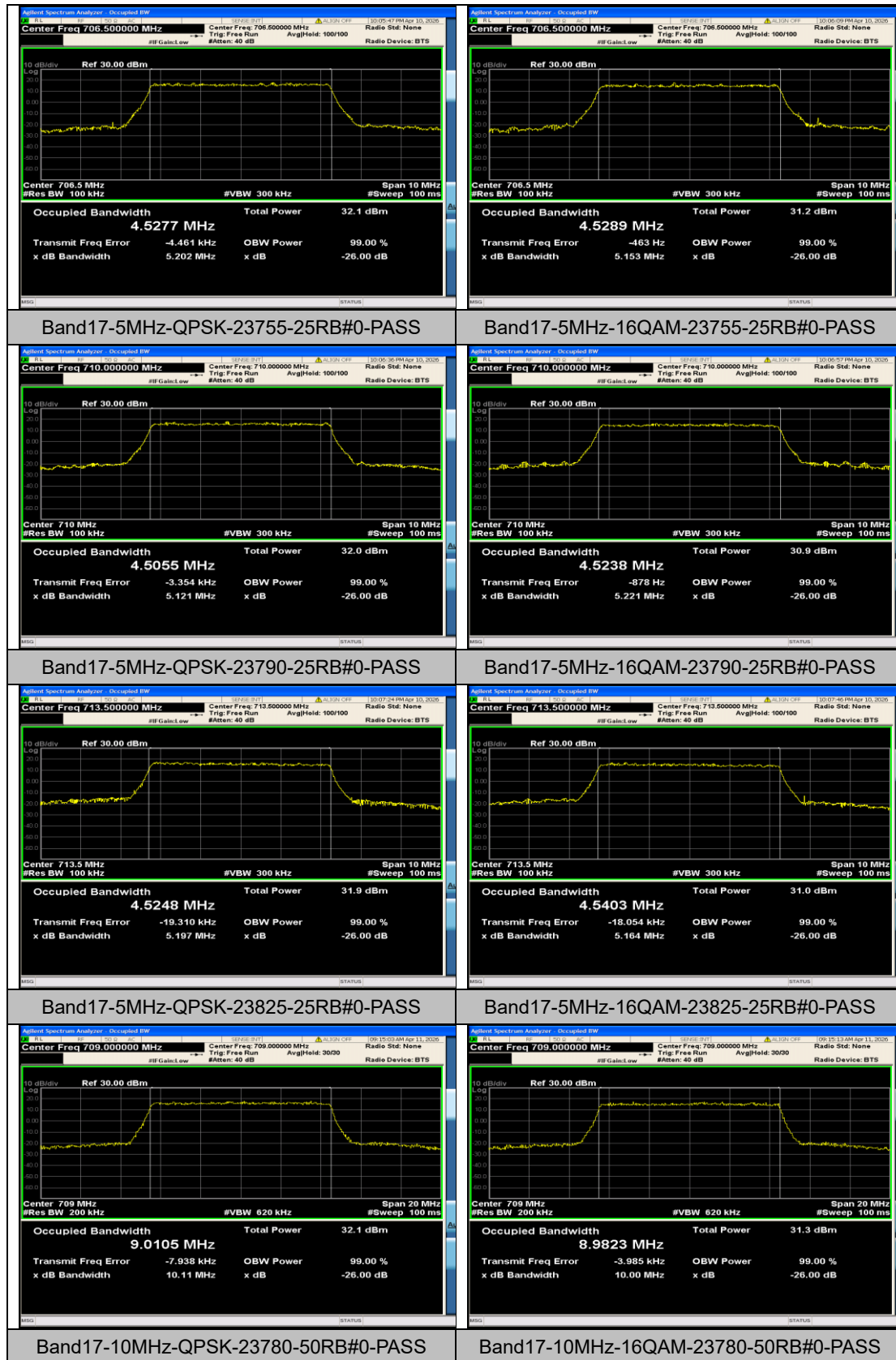


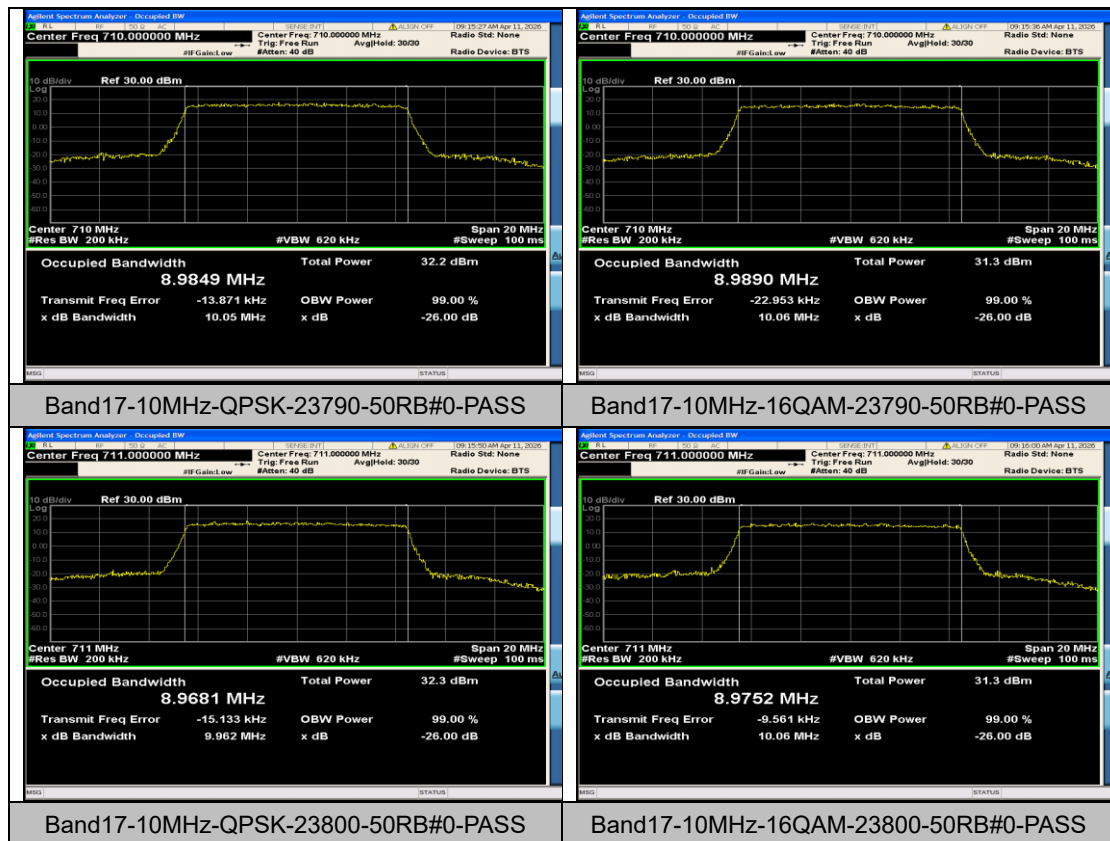
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5277	5.202	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5289	5.153	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5055	5.121	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5238	5.221	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5248	5.197	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5403	5.164	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0105	10.11	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9823	10.00	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9849	10.05	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9890	10.06	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9681	9.962	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9752	10.06	PASS

Test Graphs



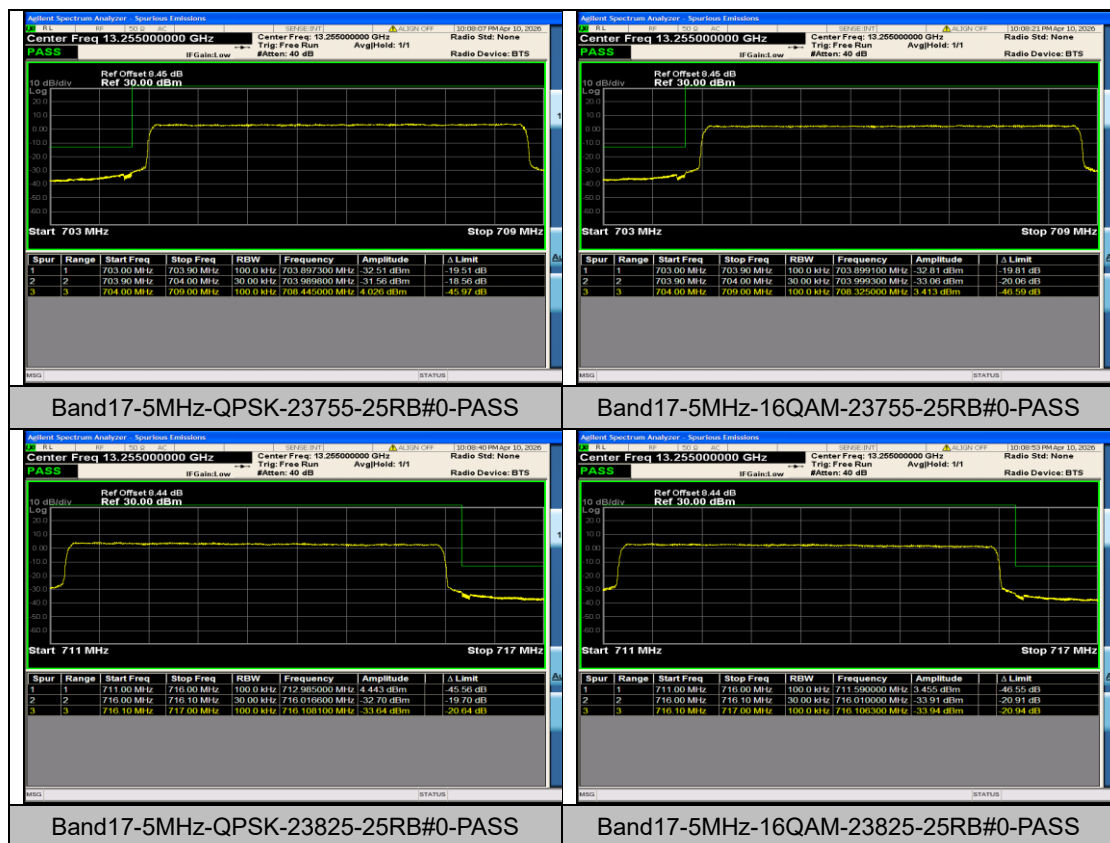


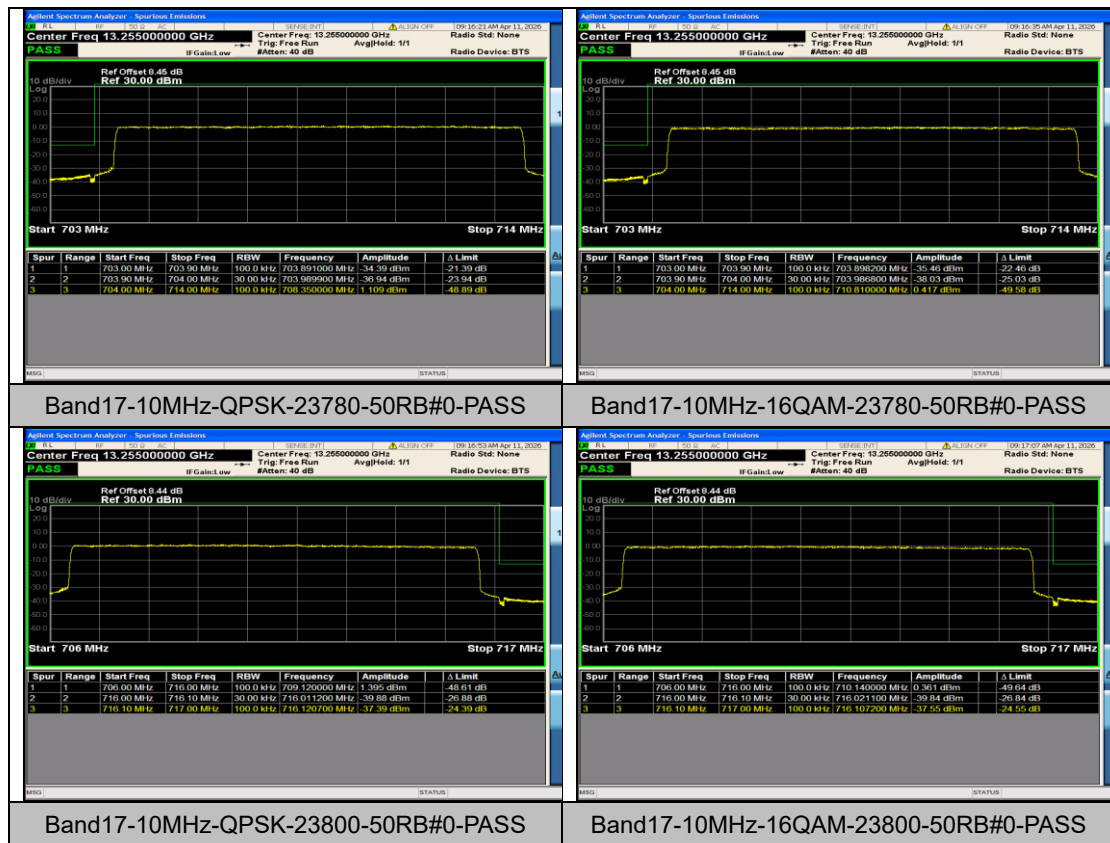
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-31.56	PASS
Band17	5MHz	16QAM	23755	25RB#0	-32.81	PASS
Band17	5MHz	QPSK	23825	25RB#0	-32.70	PASS
Band17	5MHz	16QAM	23825	25RB#0	-33.91	PASS
Band17	10MHz	QPSK	23780	50RB#0	-34.39	PASS
Band17	10MHz	16QAM	23780	50RB#0	-35.46	PASS
Band17	10MHz	QPSK	23800	50RB#0	-37.39	PASS
Band17	10MHz	16QAM	23800	50RB#0	-37.55	PASS

Test Graphs





Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-59.57	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-51.58	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-30.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-48.38	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-43.99	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-58.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-51.38	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-31.67	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-48.53	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-43.79	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-59.67	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-53.24	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-35.97	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-48.50	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-43.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-58.50	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-50.64	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-38.14	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-48.41	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-43.66	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-60.60	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-53.03	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-30.45	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-48.42	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-43.88	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-60.57	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-53.34	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-30.21	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-48.31	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-43.81	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-60.01	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-55.72	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-32.40	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-48.21	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-42.73	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-61.11	PASS

Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-52.72	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-33.58	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-48.01	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-43.57	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-60.79	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-51.54	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-32.04	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-48.07	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-43.70	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-60.48	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-52.61	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-33.31	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-48.24	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-43.71	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-60.14	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-51.35	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-31.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-48.40	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-43.21	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-60.54	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-51.86	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-32.38	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-48.09	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-43.77	PASS

Test Graphs

