

FCC Appendix RF Test Data for LTE Band 19

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102308

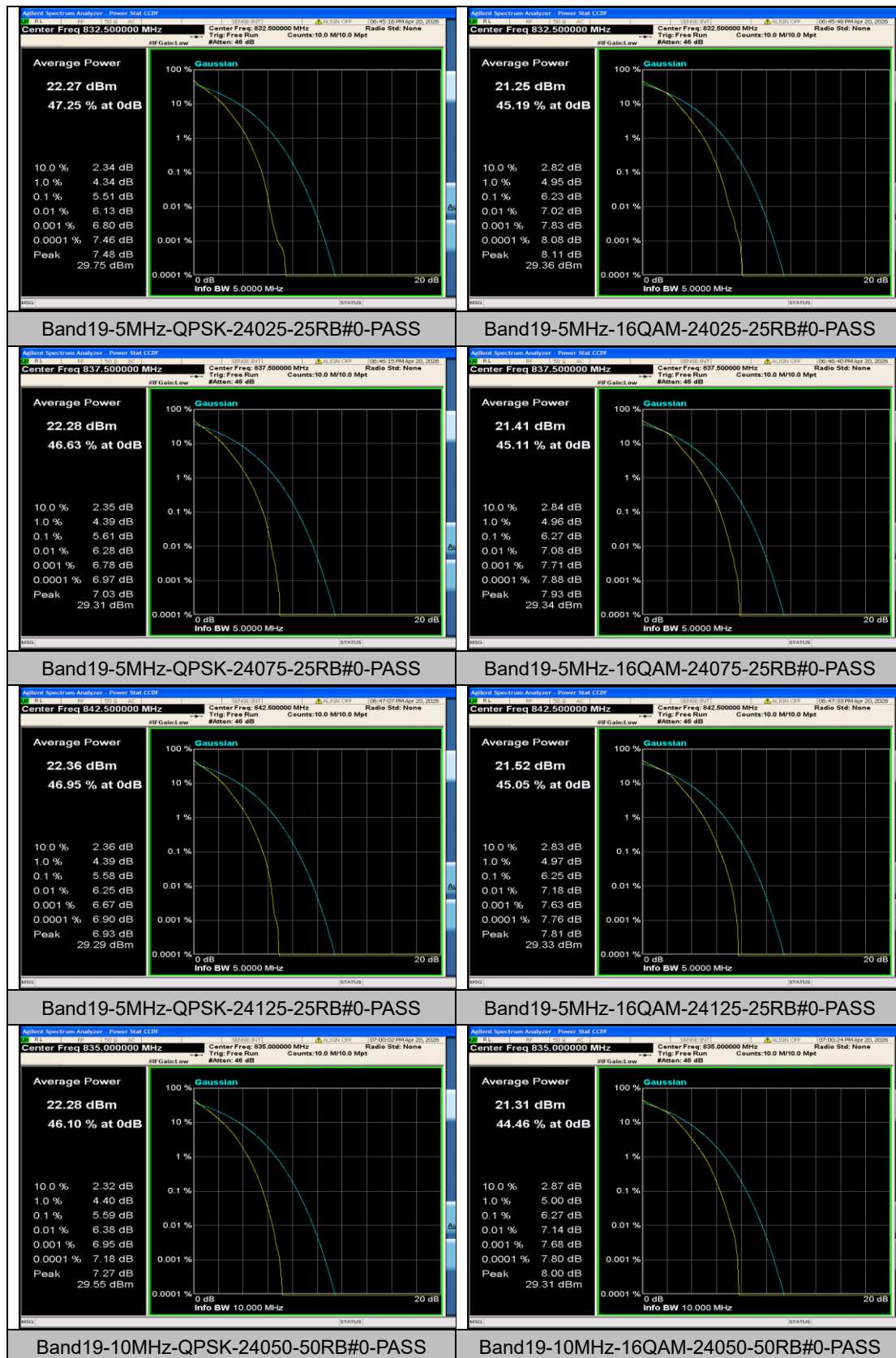
Reviewed By : Eric Wang

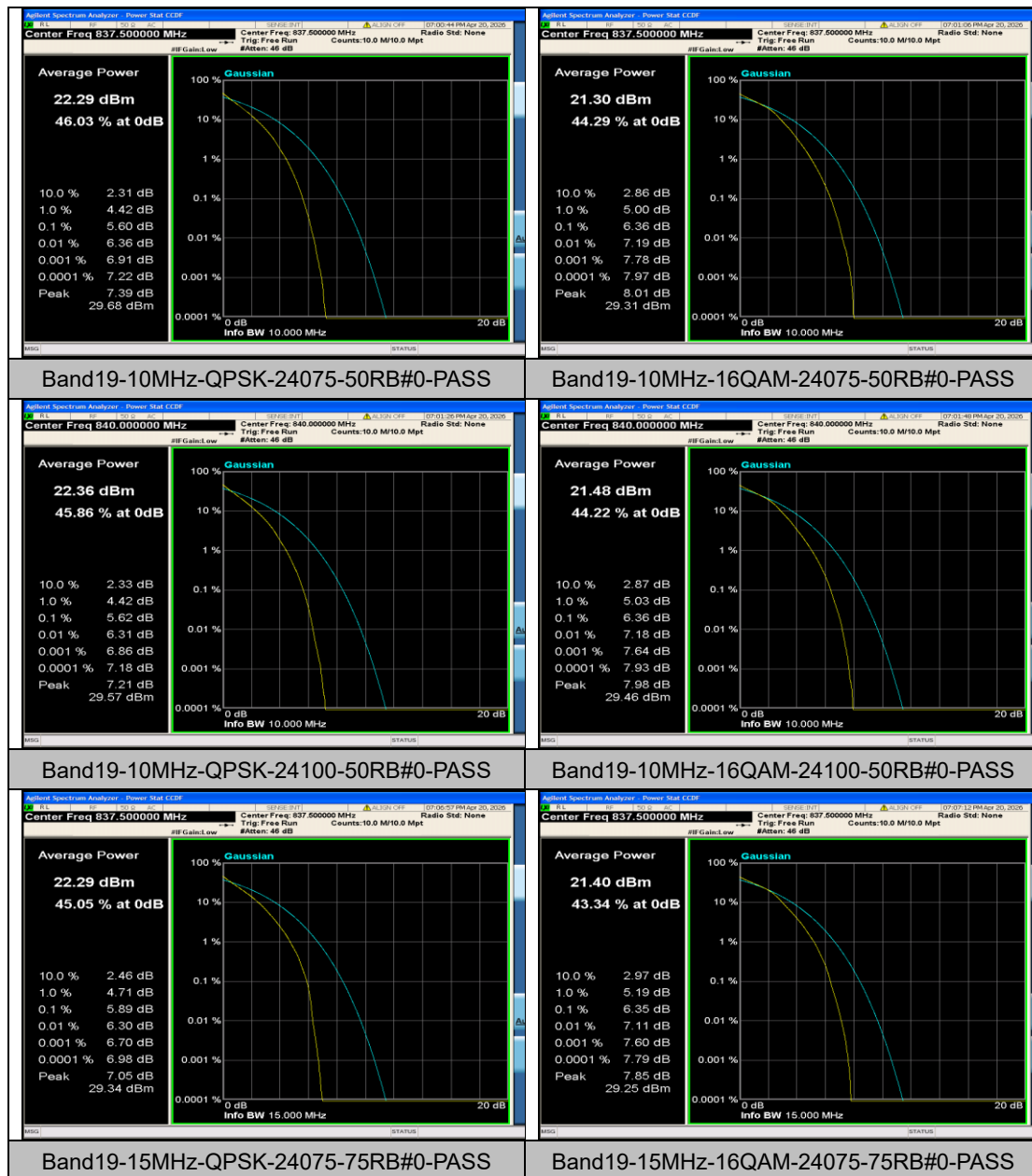
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	5.51	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	6.23	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.61	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	6.27	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.58	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	6.25	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.59	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.27	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.60	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.36	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.62	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.36	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.89	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.35	13	PASS

Test Graphs



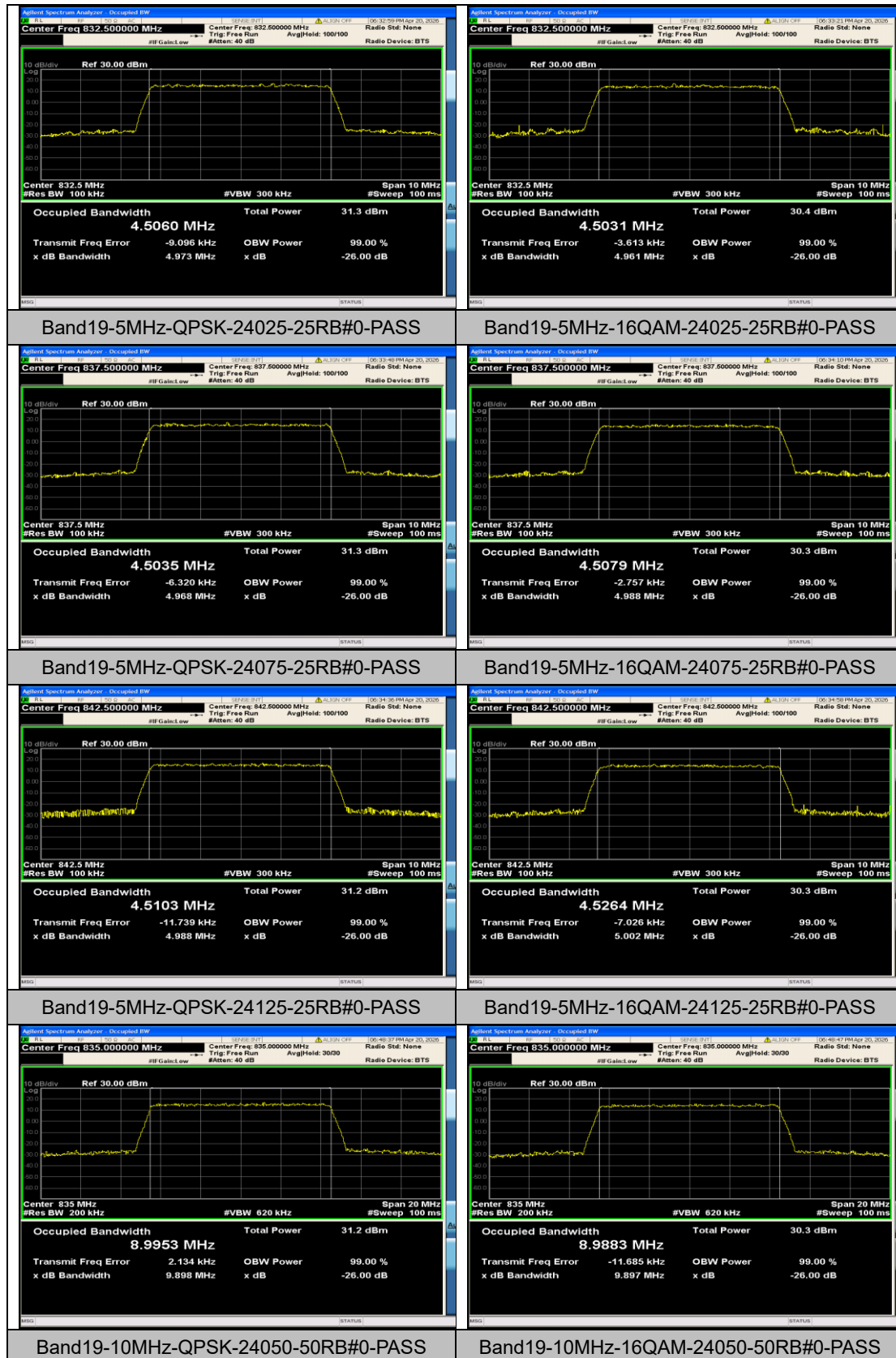


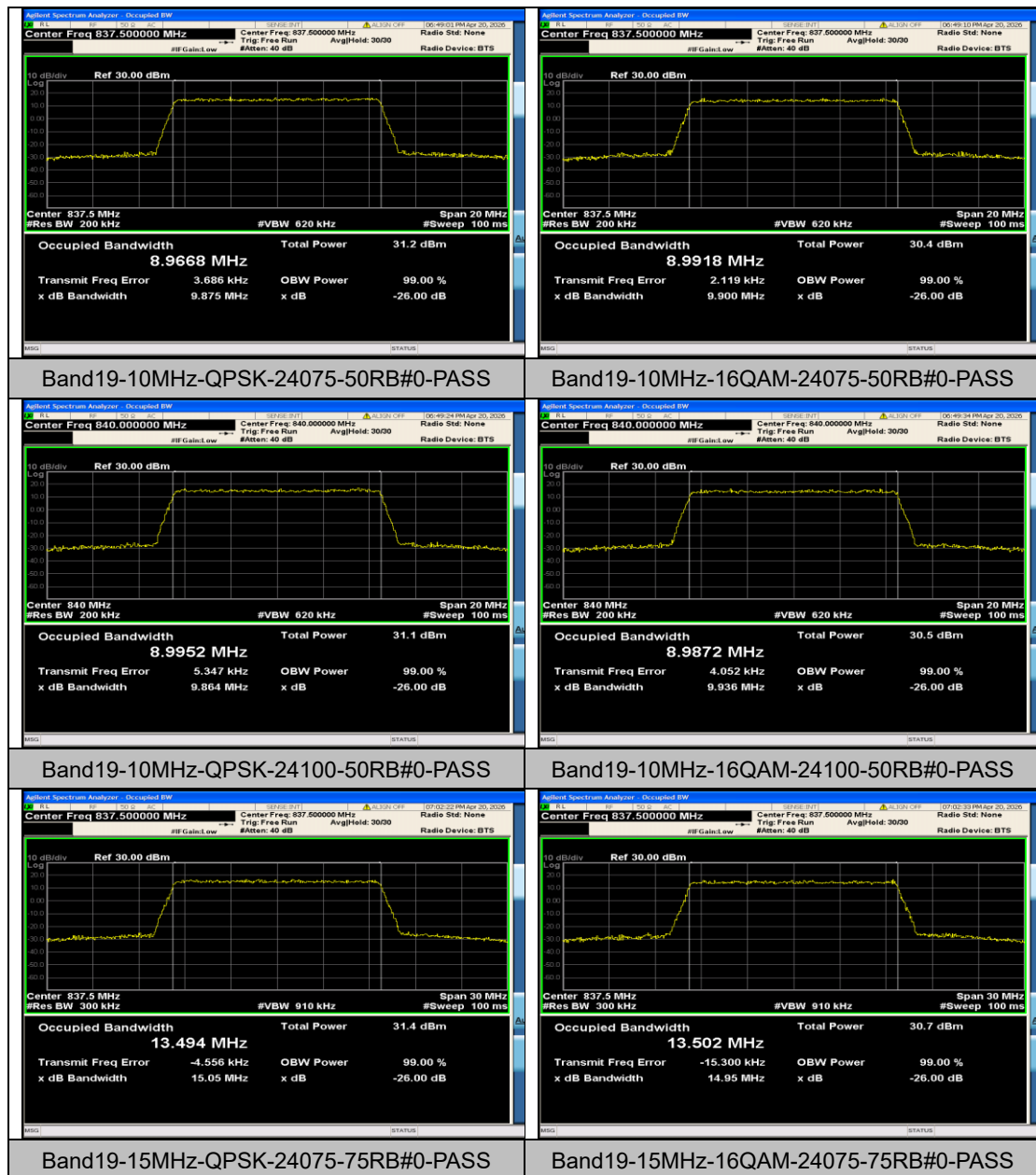
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.5060	4.973	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.5031	4.961	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.5035	4.968	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.5079	4.988	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.5103	4.988	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.5264	5.002	PASS
Band19	10MHz	QPSK	24050	50RB#0	8.9953	9.898	PASS
Band19	10MHz	16QAM	24050	50RB#0	8.9883	9.897	PASS
Band19	10MHz	QPSK	24075	50RB#0	8.9668	9.875	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.9918	9.900	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.9952	9.864	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.9872	9.936	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.494	15.05	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.502	14.95	PASS

Test Graphs



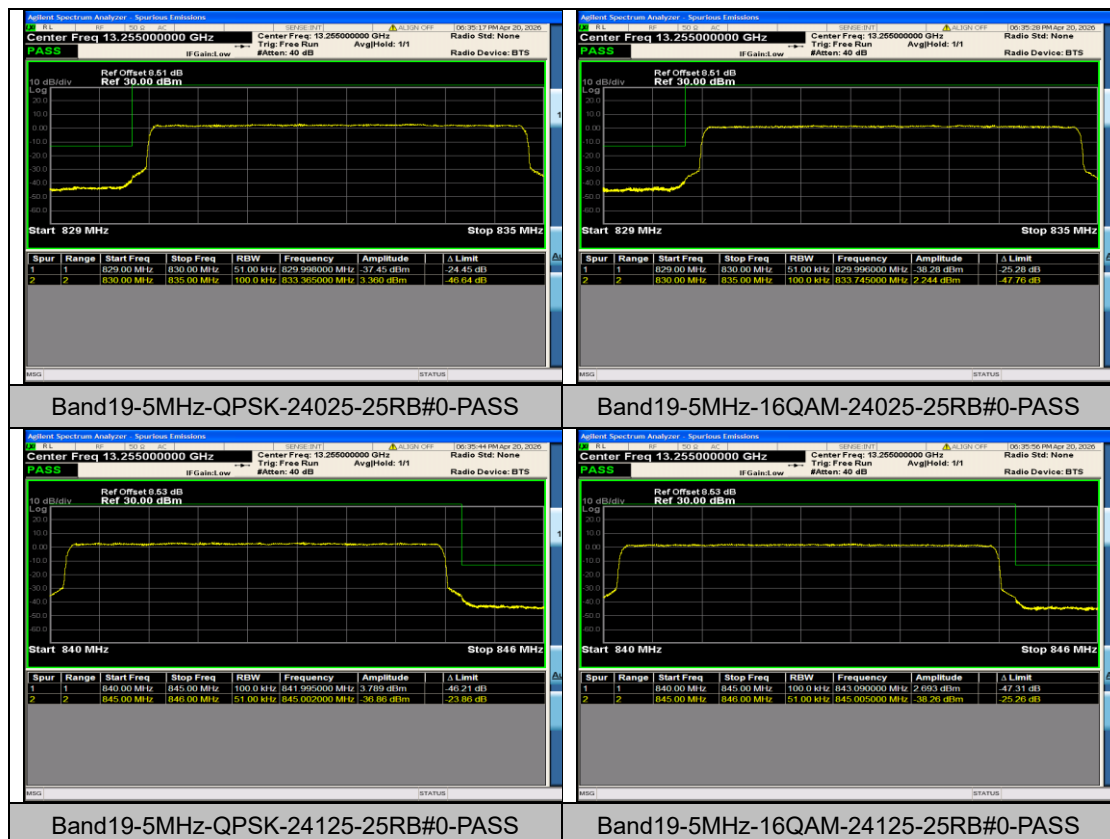


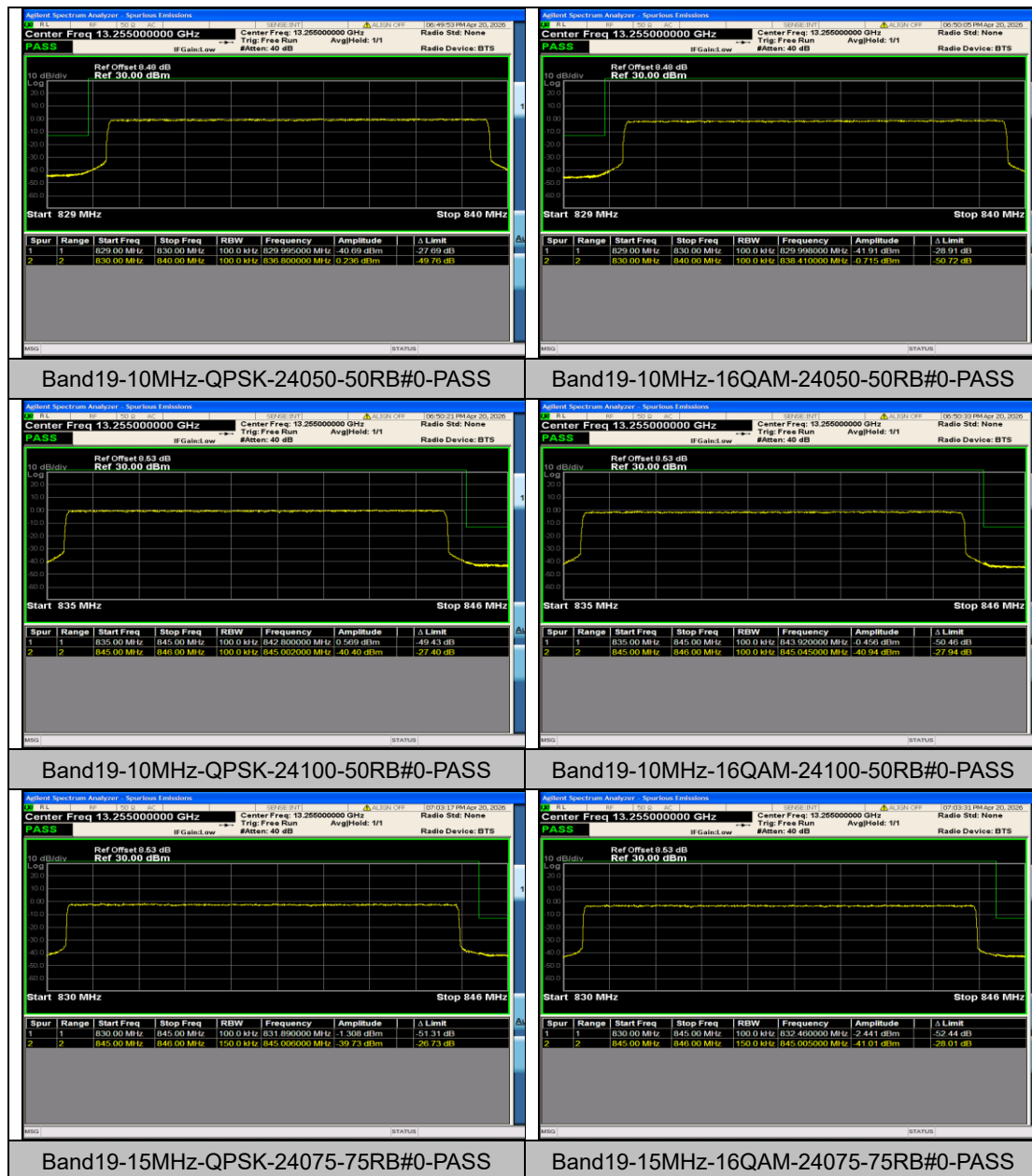
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	-37.45	PASS
Band19	5MHz	16QAM	24025	25RB#0	-38.28	PASS
Band19	5MHz	QPSK	24125	25RB#0	-36.86	PASS
Band19	5MHz	16QAM	24125	25RB#0	-38.26	PASS
Band19	10MHz	QPSK	24050	50RB#0	-40.69	PASS
Band19	10MHz	16QAM	24050	50RB#0	-41.91	PASS
Band19	10MHz	QPSK	24100	50RB#0	-40.40	PASS
Band19	10MHz	16QAM	24100	50RB#0	-40.94	PASS
Band19	15MHz	QPSK	24075	75RB#0	-39.73	PASS
Band19	15MHz	16QAM	24075	75RB#0	-41.01	PASS

Test Graphs





Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	0.009~0.15	-59.54	PASS
Band19	5MHz	QPSK	24025	25RB#0	0.15~30	-51.75	PASS
Band19	5MHz	QPSK	24025	25RB#0	30~1000	-35.47	PASS
Band19	5MHz	QPSK	24025	25RB#0	1000~3000	-48.05	PASS
Band19	5MHz	QPSK	24025	25RB#0	3000~10000	-44.08	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.009~0.15	-60.82	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.15~30	-53.17	PASS
Band19	5MHz	16QAM	24025	25RB#0	30~1000	-36.04	PASS
Band19	5MHz	16QAM	24025	25RB#0	1000~3000	-48.10	PASS
Band19	5MHz	16QAM	24025	25RB#0	3000~10000	-43.90	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.009~0.15	-60.01	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.15~30	-50.24	PASS
Band19	5MHz	QPSK	24075	25RB#0	30~1000	-45.27	PASS
Band19	5MHz	QPSK	24075	25RB#0	1000~3000	-47.93	PASS
Band19	5MHz	QPSK	24075	25RB#0	3000~10000	-43.70	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.009~0.15	-60.63	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.15~30	-52.55	PASS
Band19	5MHz	16QAM	24075	25RB#0	30~1000	-45.82	PASS
Band19	5MHz	16QAM	24075	25RB#0	1000~3000	-47.86	PASS
Band19	5MHz	16QAM	24075	25RB#0	3000~10000	-43.70	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.009~0.15	-59.26	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.15~30	-53.79	PASS
Band19	5MHz	QPSK	24125	25RB#0	30~1000	-34.35	PASS
Band19	5MHz	QPSK	24125	25RB#0	1000~3000	-48.03	PASS
Band19	5MHz	QPSK	24125	25RB#0	3000~10000	-44.08	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.009~0.15	-60.12	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.15~30	-53.12	PASS
Band19	5MHz	16QAM	24125	25RB#0	30~1000	-36.98	PASS
Band19	5MHz	16QAM	24125	25RB#0	1000~3000	-48.00	PASS
Band19	5MHz	16QAM	24125	25RB#0	3000~10000	-43.98	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.009~0.15	-59.81	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.15~30	-53.02	PASS
Band19	10MHz	QPSK	24050	50RB#0	30~1000	-38.04	PASS
Band19	10MHz	QPSK	24050	50RB#0	1000~3000	-47.99	PASS
Band19	10MHz	QPSK	24050	50RB#0	3000~10000	-44.02	PASS
Band19	10MHz	16QAM	24050	50RB#0	0.009~0.15	-58.46	PASS

Band19	10MHz	16QAM	24050	50RB#0	0.15~30	-53.93	PASS
Band19	10MHz	16QAM	24050	50RB#0	30~1000	-41.50	PASS
Band19	10MHz	16QAM	24050	50RB#0	1000~3000	-48.11	PASS
Band19	10MHz	16QAM	24050	50RB#0	3000~10000	-44.02	PASS
Band19	10MHz	QPSK	24075	50RB#0	0.009~0.15	-60.10	PASS
Band19	10MHz	QPSK	24075	50RB#0	0.15~30	-52.75	PASS
Band19	10MHz	QPSK	24075	50RB#0	30~1000	-39.68	PASS
Band19	10MHz	QPSK	24075	50RB#0	1000~3000	-48.21	PASS
Band19	10MHz	QPSK	24075	50RB#0	3000~10000	-44.22	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.009~0.15	-59.49	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.15~30	-50.08	PASS
Band19	10MHz	16QAM	24075	50RB#0	30~1000	-40.02	PASS
Band19	10MHz	16QAM	24075	50RB#0	1000~3000	-47.93	PASS
Band19	10MHz	16QAM	24075	50RB#0	3000~10000	-43.58	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.009~0.15	-60.40	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.15~30	-53.82	PASS
Band19	10MHz	QPSK	24100	50RB#0	30~1000	-38.39	PASS
Band19	10MHz	QPSK	24100	50RB#0	1000~3000	-48.12	PASS
Band19	10MHz	QPSK	24100	50RB#0	3000~10000	-43.89	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.009~0.15	-60.69	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.15~30	-53.06	PASS
Band19	10MHz	16QAM	24100	50RB#0	30~1000	-38.74	PASS
Band19	10MHz	16QAM	24100	50RB#0	1000~3000	-47.93	PASS
Band19	10MHz	16QAM	24100	50RB#0	3000~10000	-43.88	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.009~0.15	-60.24	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.15~30	-52.56	PASS
Band19	15MHz	QPSK	24075	75RB#0	30~1000	-32.83	PASS
Band19	15MHz	QPSK	24075	75RB#0	1000~3000	-48.02	PASS
Band19	15MHz	QPSK	24075	75RB#0	3000~10000	-44.08	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.009~0.15	-59.45	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.15~30	-51.59	PASS
Band19	15MHz	16QAM	24075	75RB#0	30~1000	-37.54	PASS
Band19	15MHz	16QAM	24075	75RB#0	1000~3000	-48.03	PASS
Band19	15MHz	16QAM	24075	75RB#0	3000~10000	-43.53	PASS

Test Graphs

