

FCC Appendix RF Test Data for LTE Band 5

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102305

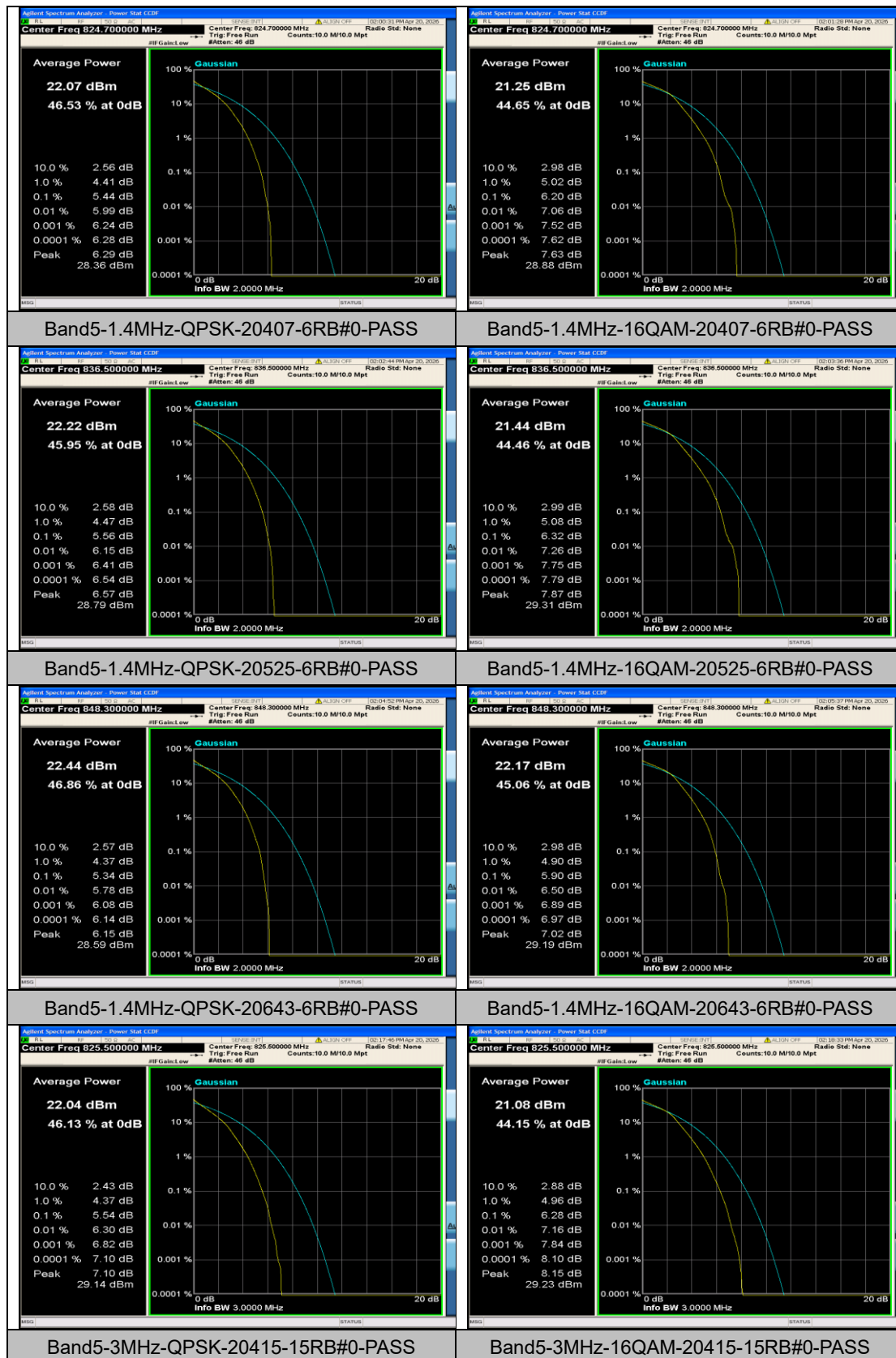
Reviewed By : Eric Wang

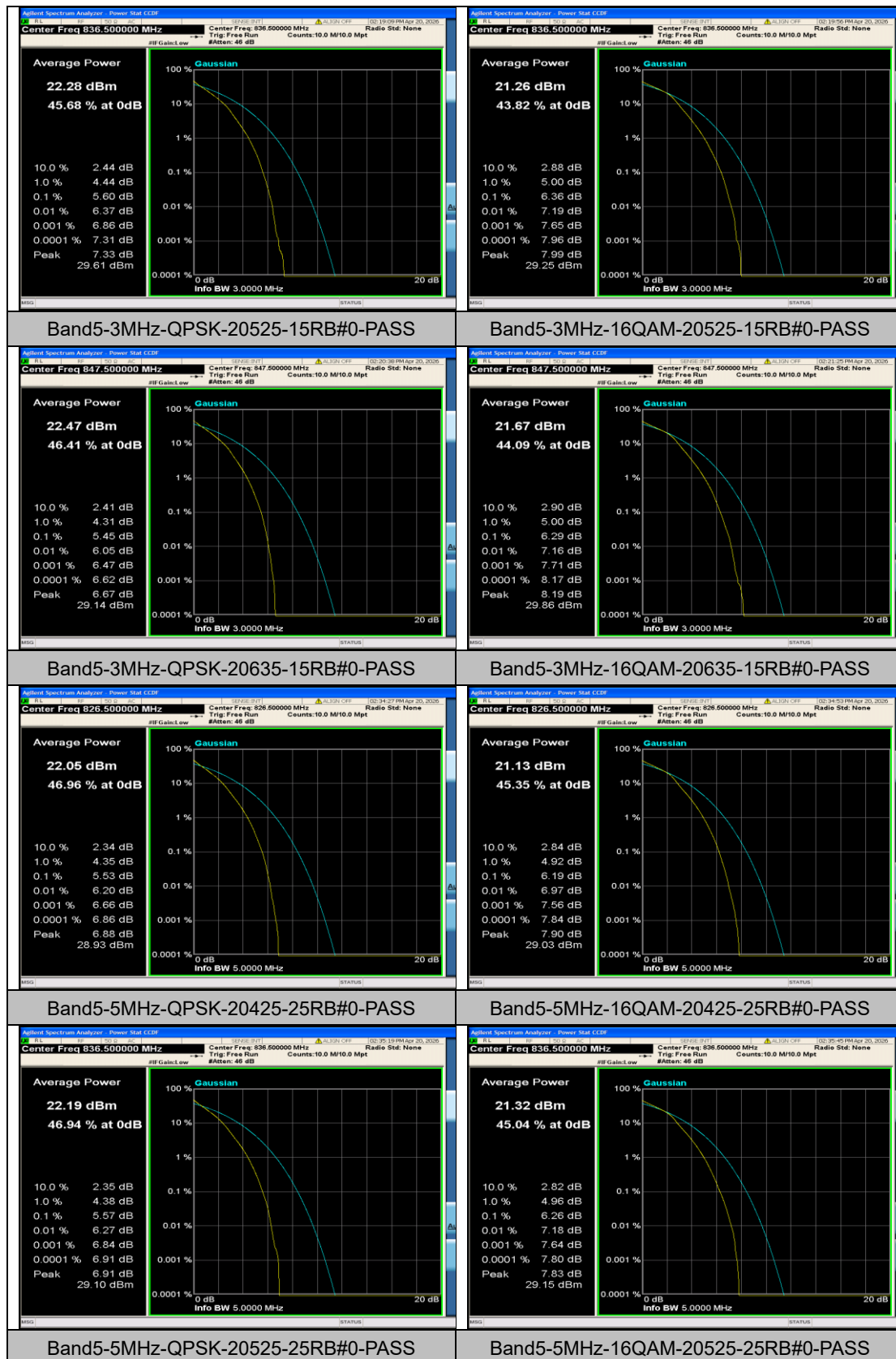
Appendix A: Peak-to-Average Ratio(CCDF)

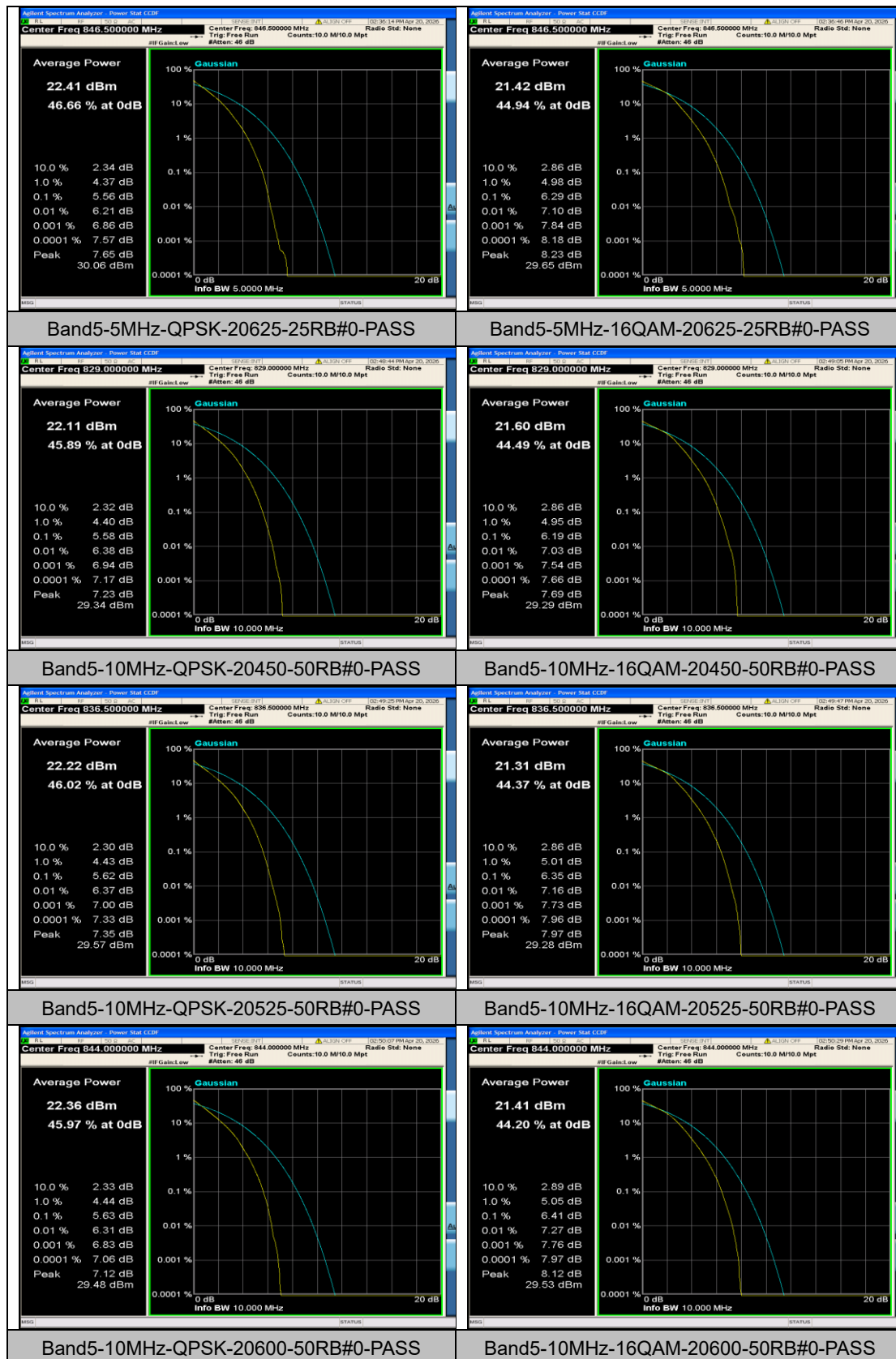
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.44	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.20	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.32	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.34	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.90	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.54	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.28	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.60	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.36	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.45	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.29	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.53	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.57	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.29	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.63	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.41	13	PASS

Test Graphs





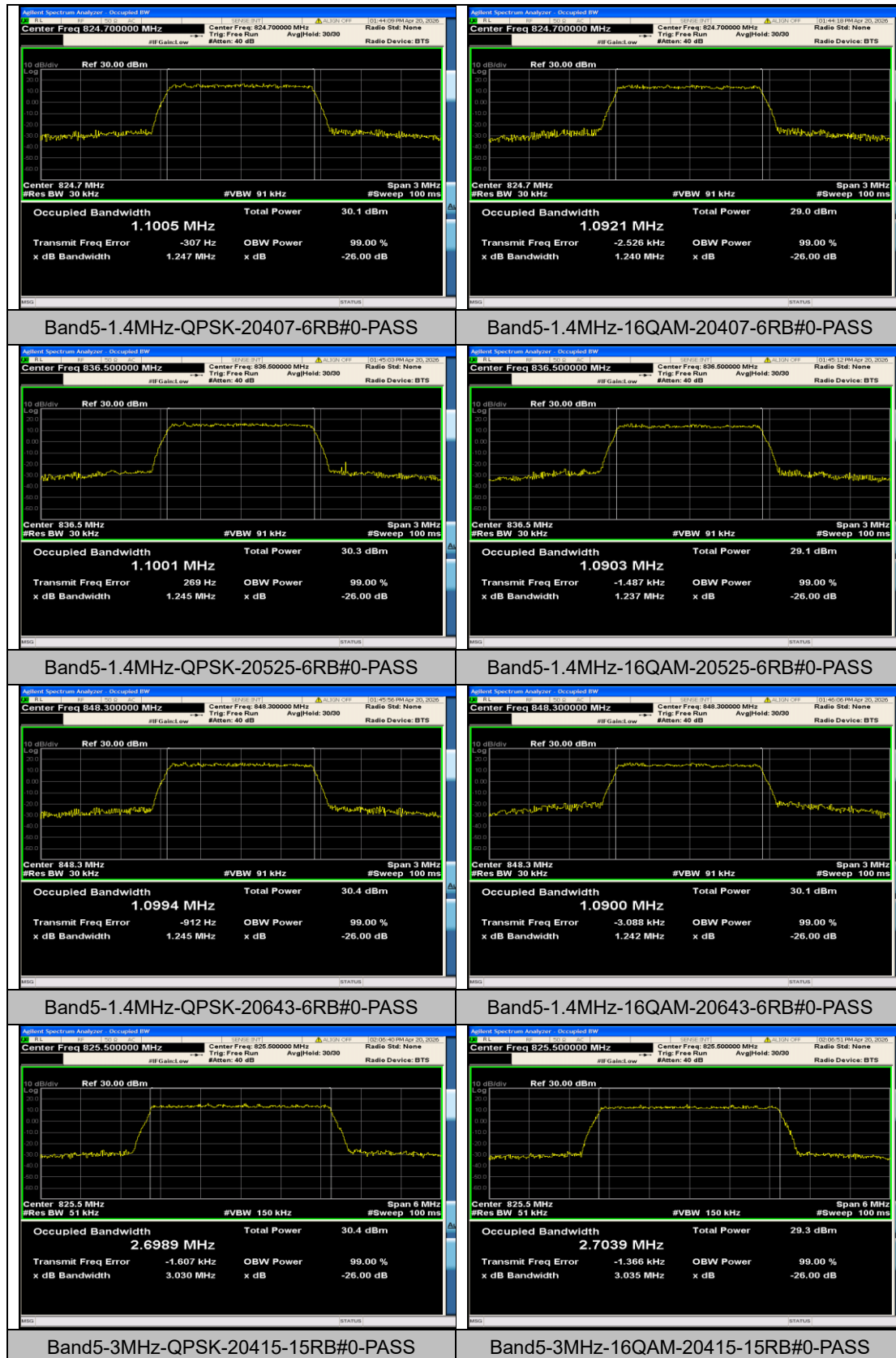


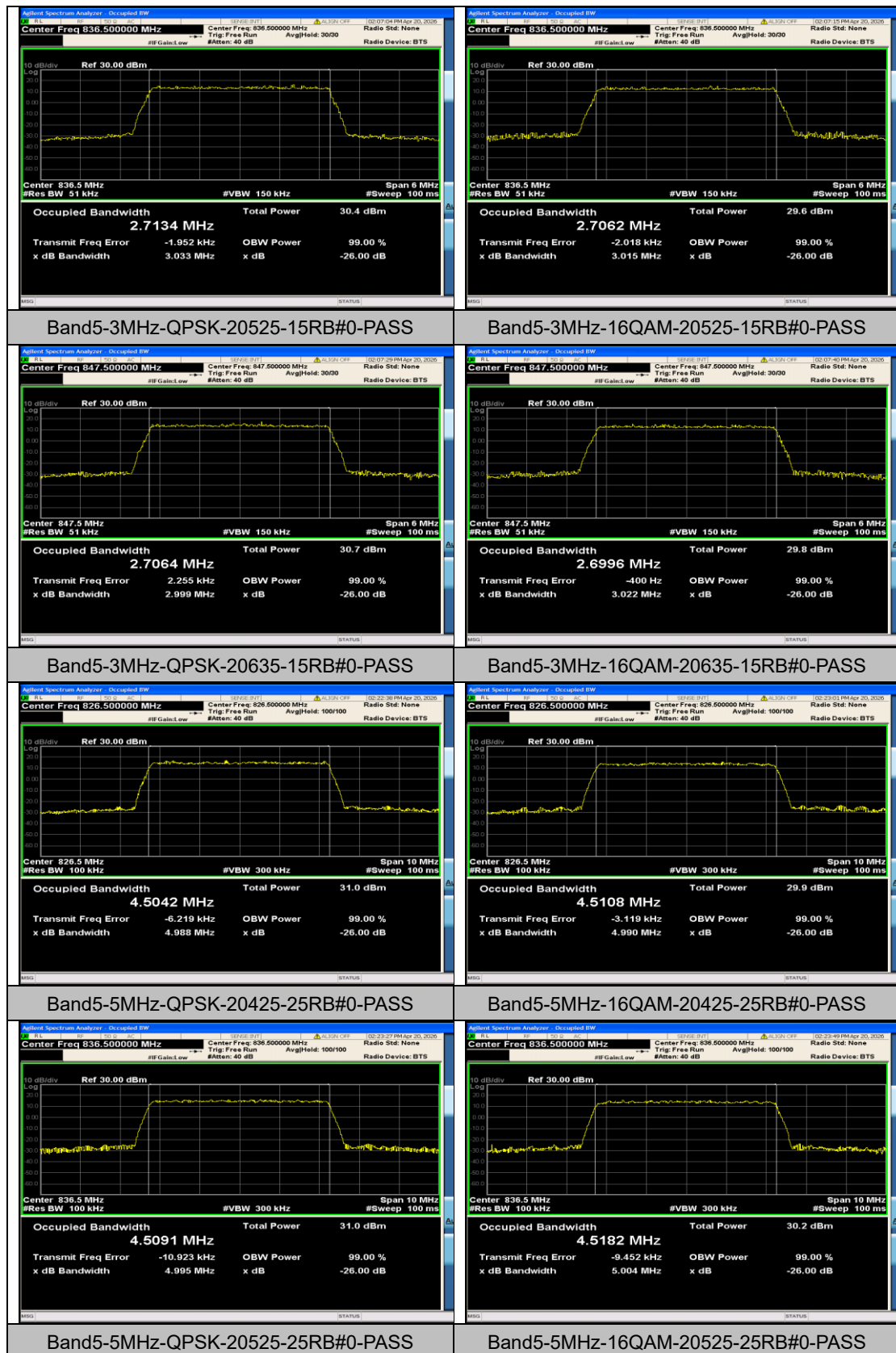
Appendix B: 26dB Bandwidth and Occupied Bandwidth

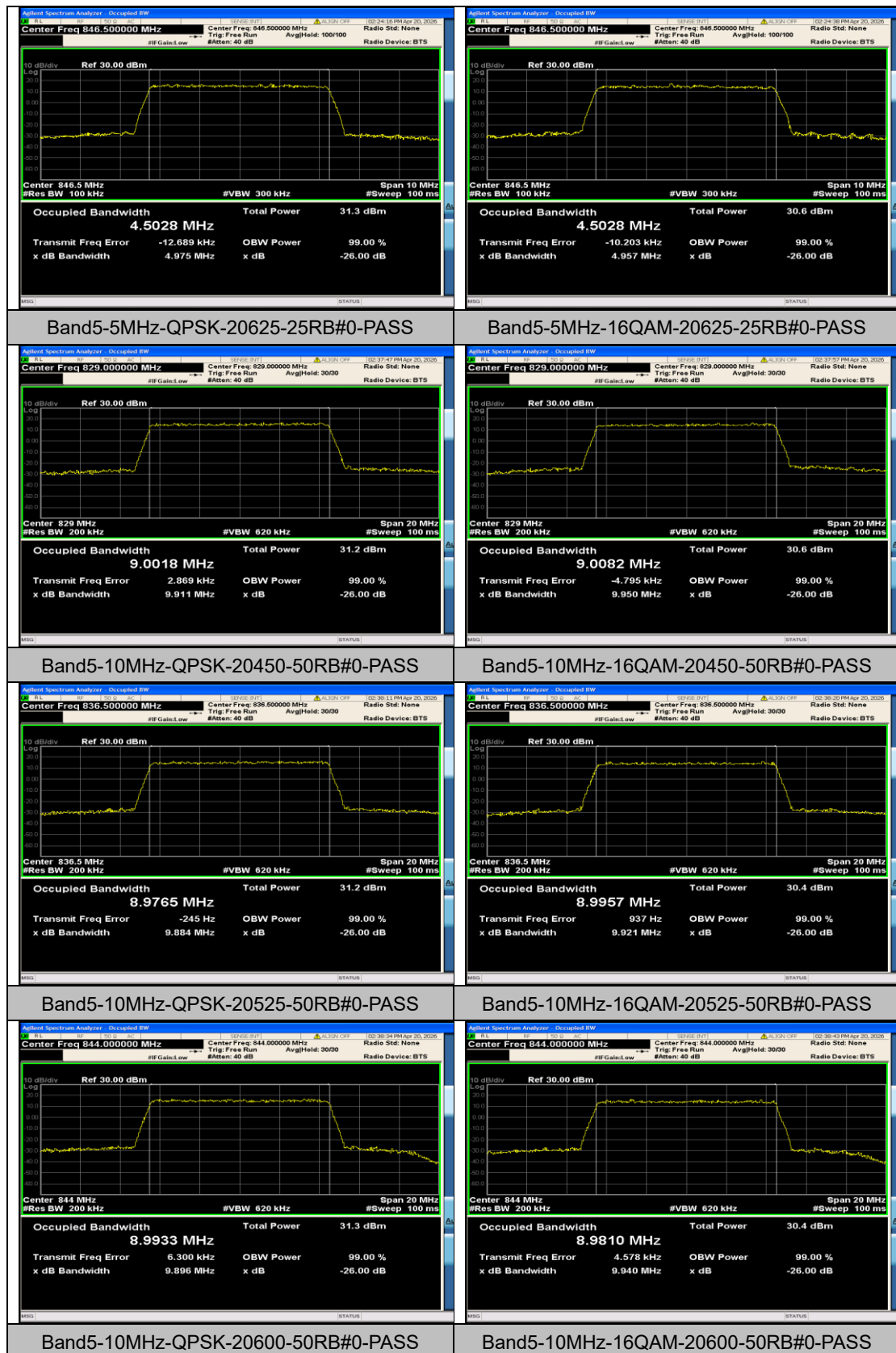
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1005	1.247	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0921	1.240	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1001	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0903	1.237	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0994	1.245	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0900	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6989	3.030	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7039	3.035	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7134	3.033	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7062	3.015	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7064	2.999	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6996	3.022	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5042	4.988	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5108	4.990	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5091	4.995	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5182	5.004	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5028	4.975	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5028	4.957	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0018	9.911	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0082	9.950	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9765	9.884	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9957	9.921	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9933	9.896	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9810	9.940	PASS

Test Graphs





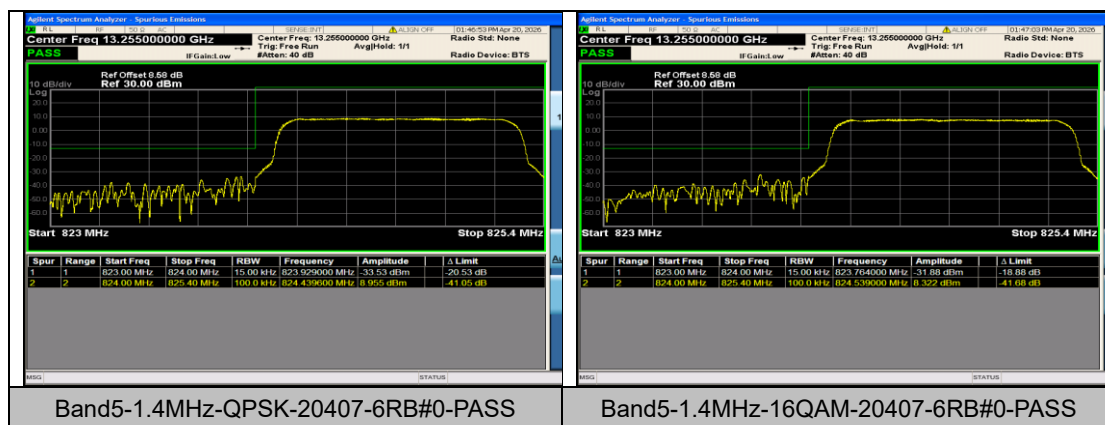


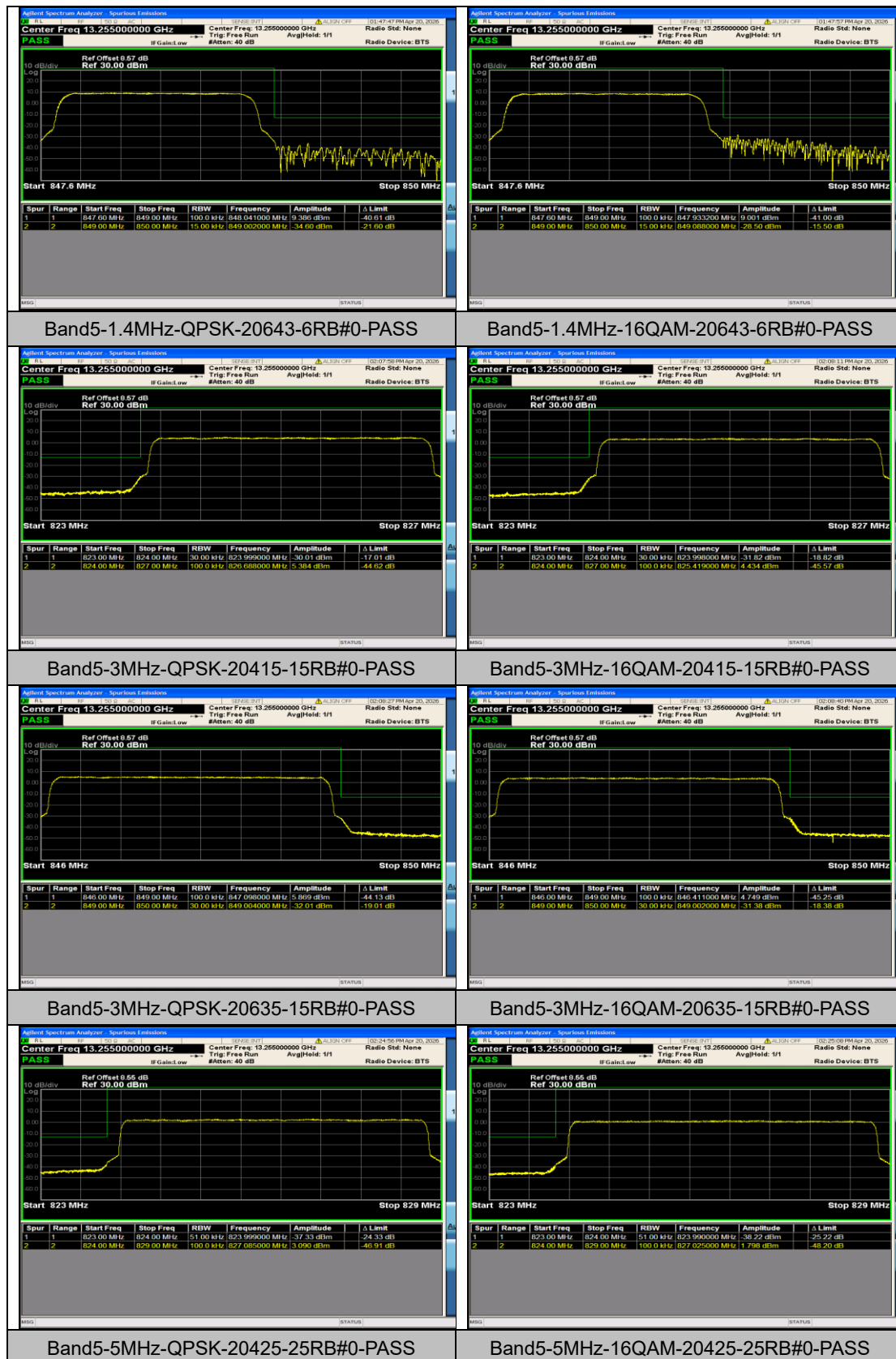
Appendix C: Band Edge

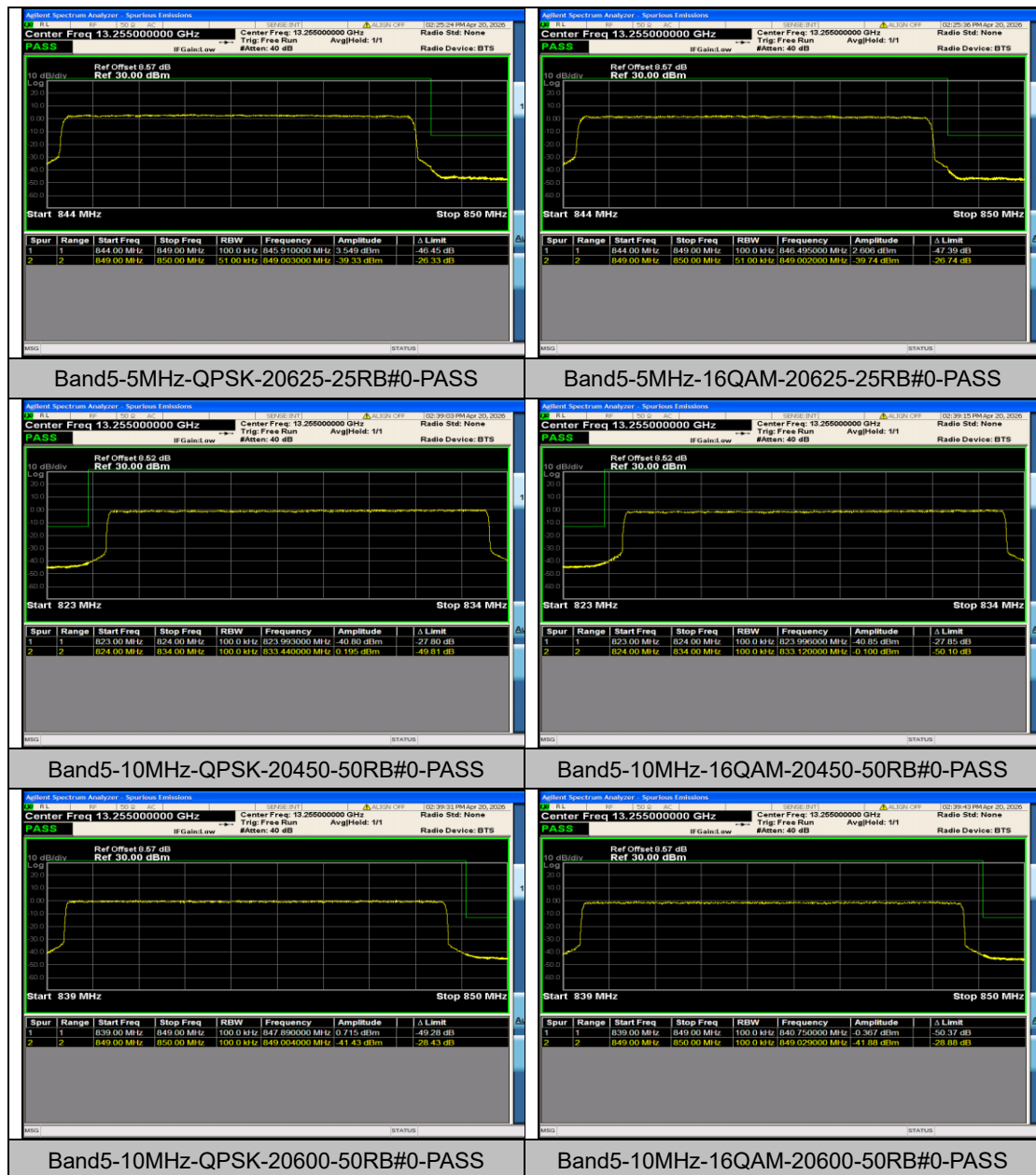
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-33.53	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-31.88	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.60	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.50	PASS
Band5	3MHz	QPSK	20415	15RB#0	-30.01	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.82	PASS
Band5	3MHz	QPSK	20635	15RB#0	-32.01	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.38	PASS
Band5	5MHz	QPSK	20425	25RB#0	-37.33	PASS
Band5	5MHz	16QAM	20425	25RB#0	-38.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	-39.33	PASS
Band5	5MHz	16QAM	20625	25RB#0	-39.74	PASS
Band5	10MHz	QPSK	20450	50RB#0	-40.80	PASS
Band5	10MHz	16QAM	20450	50RB#0	-40.85	PASS
Band5	10MHz	QPSK	20600	50RB#0	-41.43	PASS
Band5	10MHz	16QAM	20600	50RB#0	-41.88	PASS

Test Graphs







Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-60.61	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-53.80	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-33.76	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-47.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.93	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-60.17	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-53.19	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-38.34	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-47.88	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.96	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-60.74	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-52.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-57.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-46.11	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-59.42	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-51.40	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-58.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-46.54	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-60.04	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-53.18	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-41.50	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-45.93	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.57	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-60.64	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-52.61	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-37.21	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.30	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-44.04	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-60.31	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-53.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-37.78	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-47.88	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.55	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-60.13	PASS

Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-52.63	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-36.90	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-48.03	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.71	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-59.83	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-50.59	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-57.68	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-48.01	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.68	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-61.71	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-52.77	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-58.16	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-47.97	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.85	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-60.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-49.27	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-38.15	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-47.91	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-60.18	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-51.24	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-37.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-48.03	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-59.50	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-52.24	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-37.71	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-48.11	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.99	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-59.18	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-52.68	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-35.66	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-47.94	PASS
Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-44.15	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-60.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-52.43	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-51.81	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-48.03	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.80	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-60.01	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-53.23	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-54.87	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-47.86	PASS

Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-44.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-60.70	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-53.66	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-37.12	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-48.07	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-44.01	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-60.37	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-54.73	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-38.53	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-47.40	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.60	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-60.51	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-53.94	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-39.68	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-48.01	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.51	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-59.71	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-51.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-36.67	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-47.97	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.83	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-59.89	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-52.26	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-47.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-48.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-61.16	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-54.91	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-48.29	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-48.15	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-60.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-53.09	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-41.03	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-47.86	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.82	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-60.06	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-54.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-41.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-48.03	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.67	PASS

Test Graphs

