

FCC Appendix RF Test Data for LTE Band 5

FCC ID : 2BRHB-DC20

Company : Shenzhen SelectCam Technology Co., Ltd.

EUT : 4G Dashcam

Model Number : DC20

Report No. : CTA26031600803

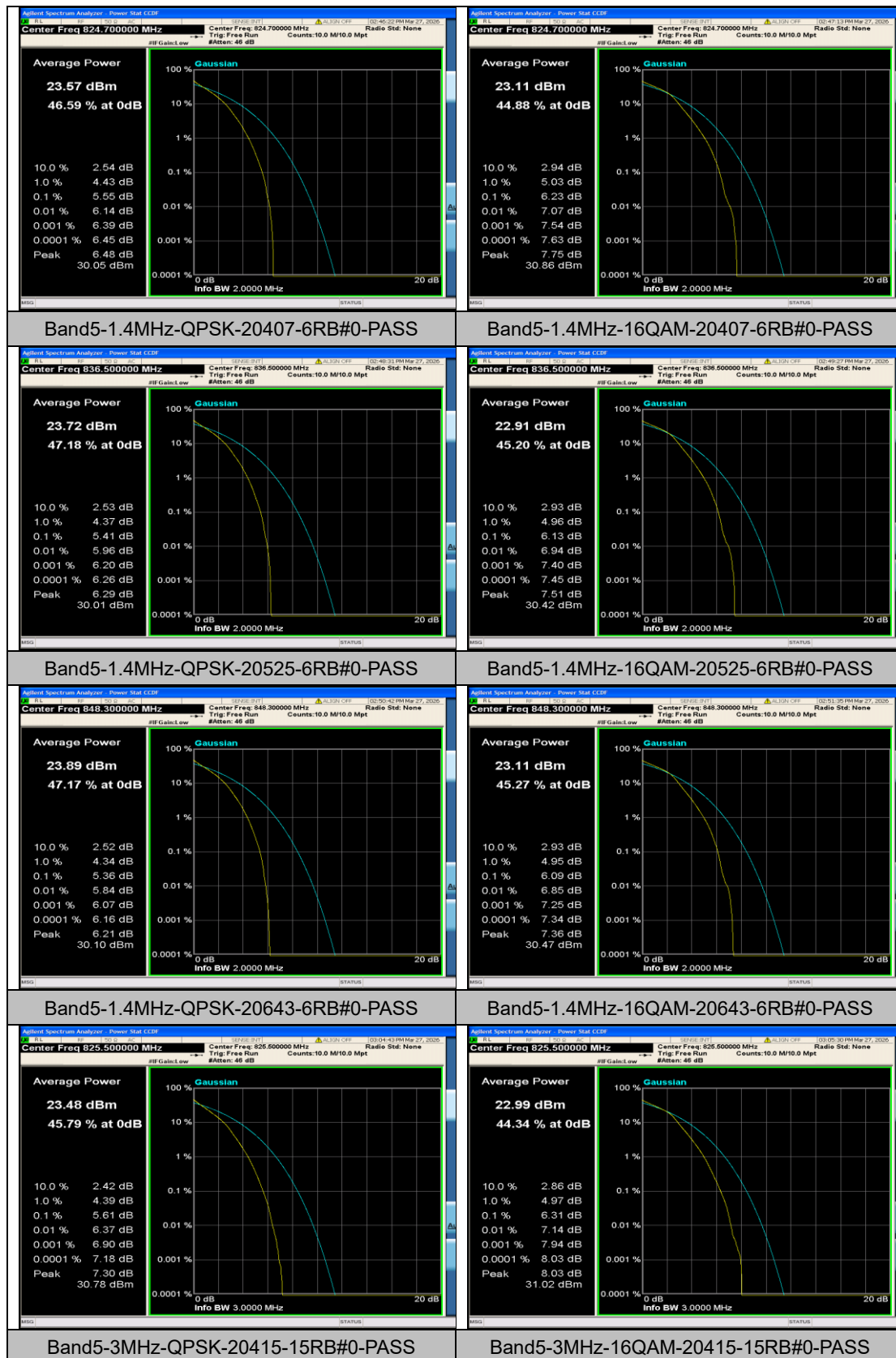
Reviewed By : Eric Wang

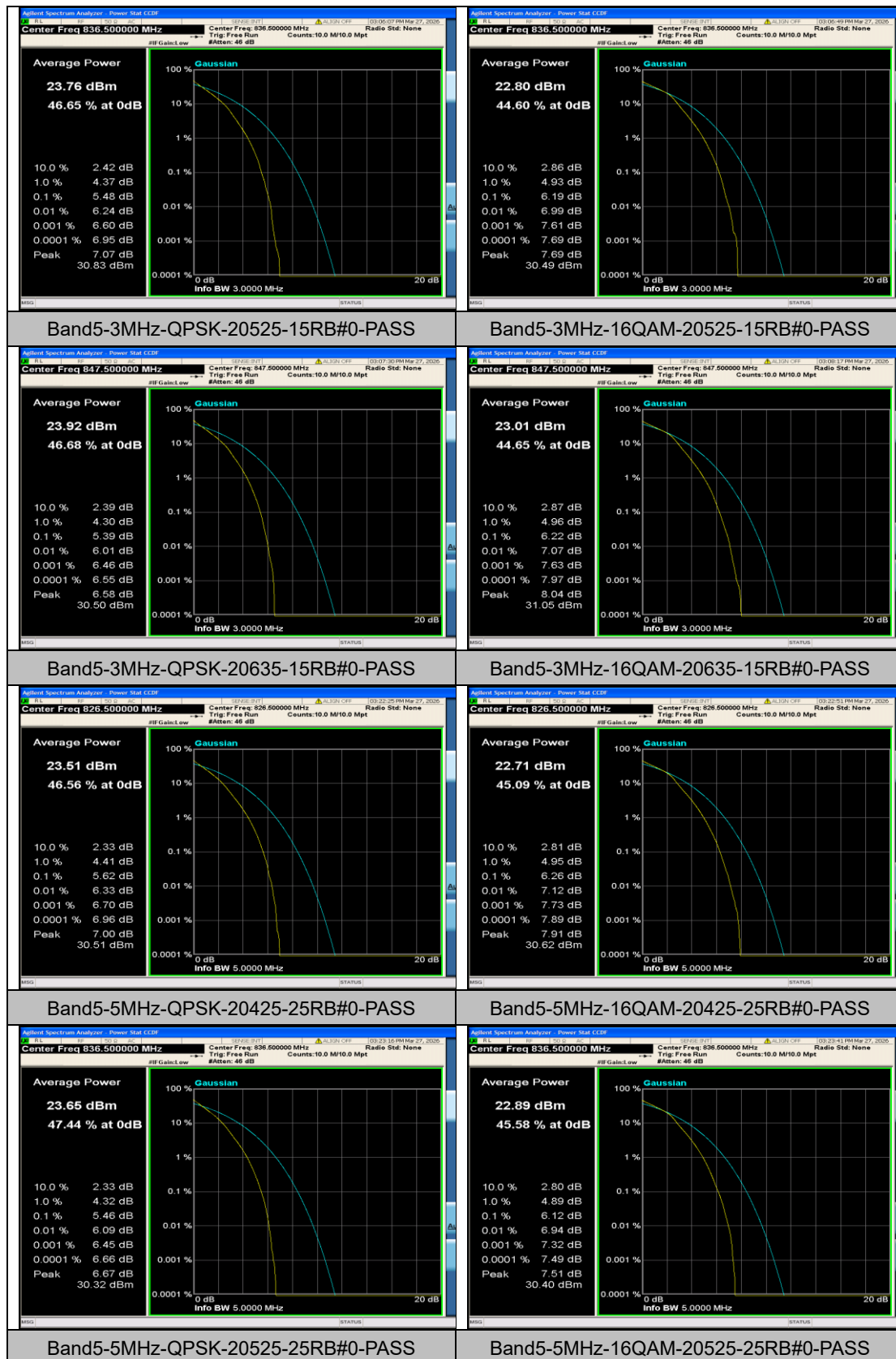
Appendix B: Peak-to-Average Ratio(CCDF)

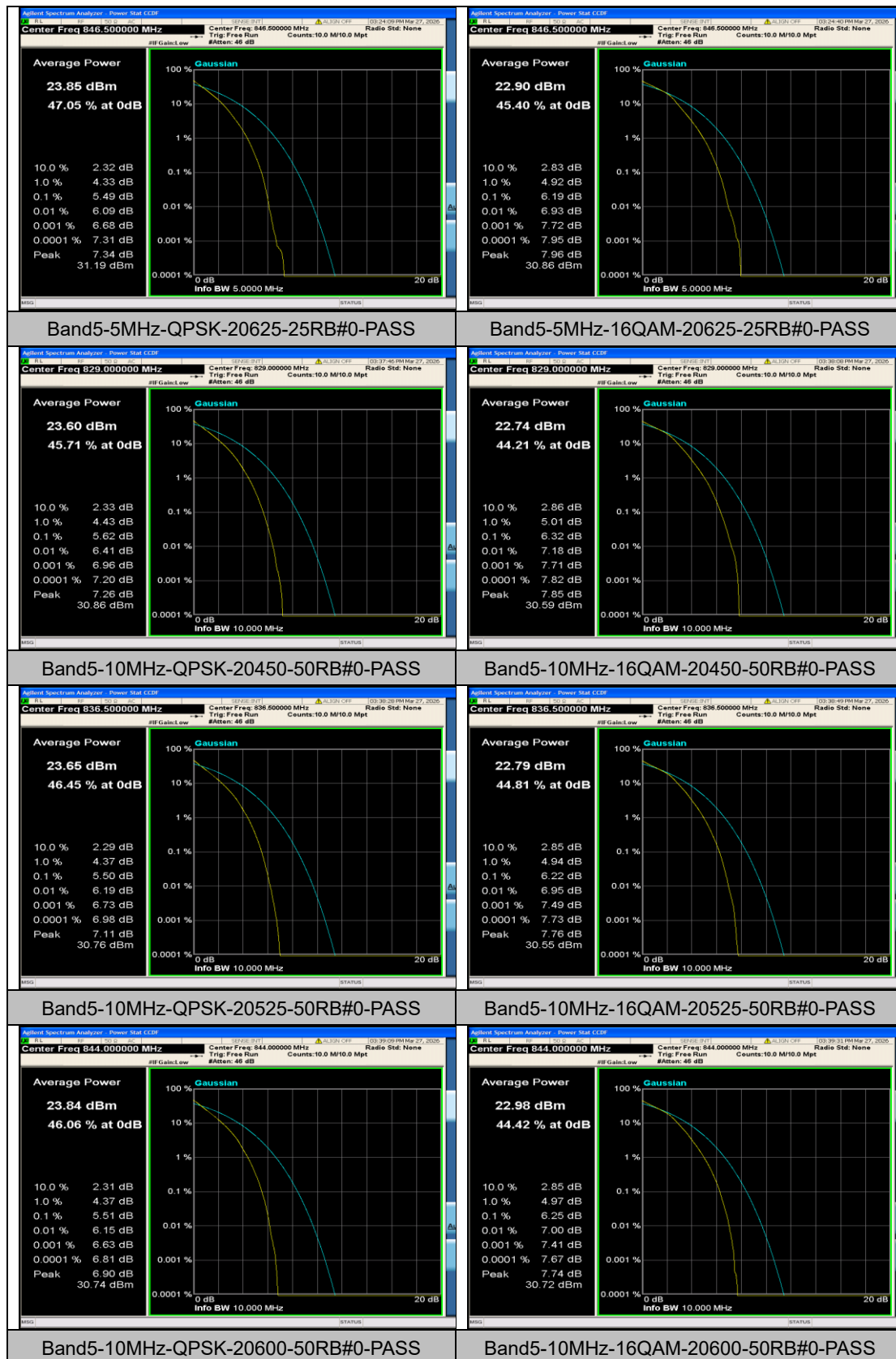
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.23	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.41	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.13	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.36	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.31	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.19	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.39	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.62	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.46	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.12	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.49	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.51	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.25	13	PASS

Test Graphs





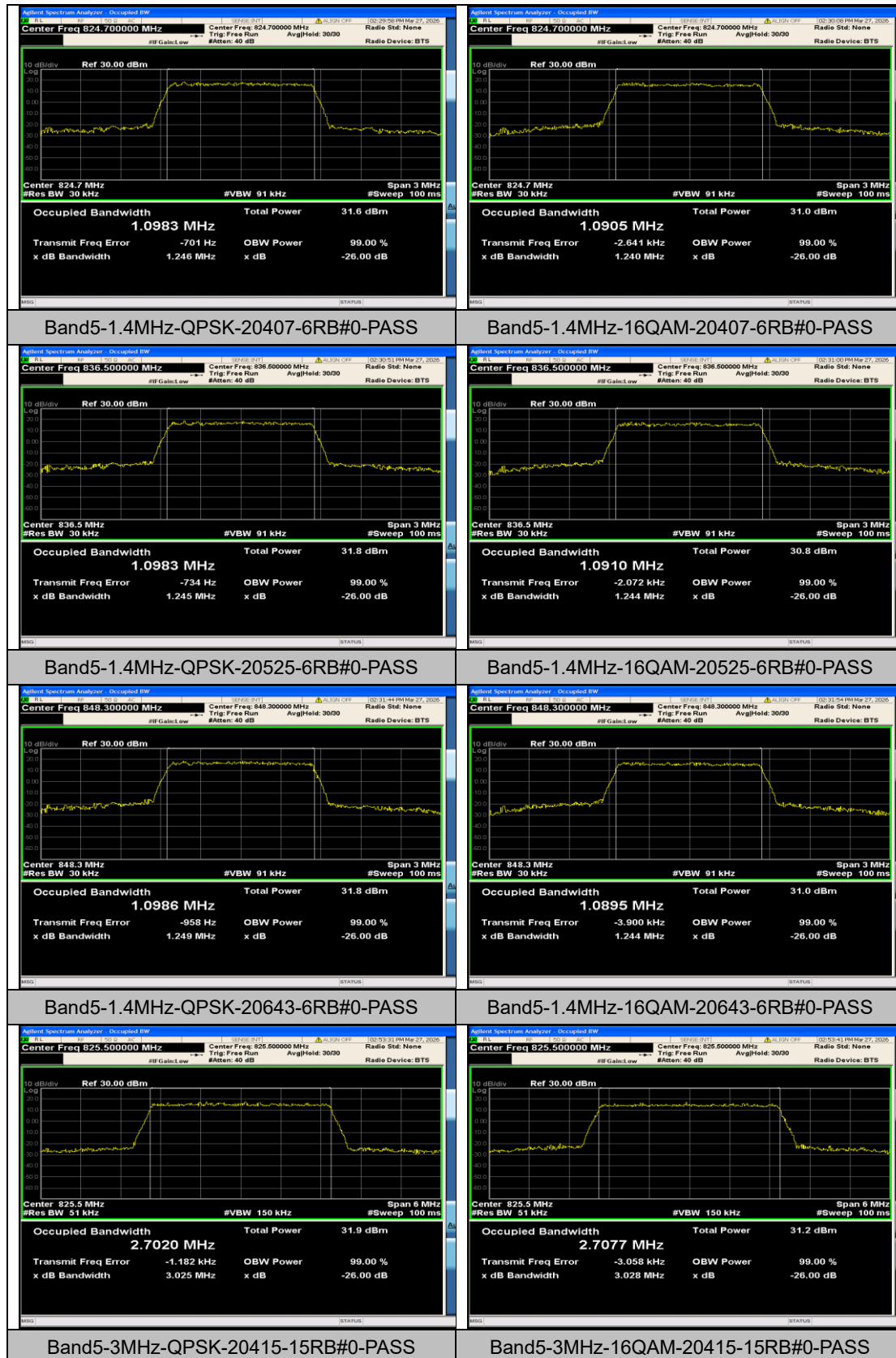


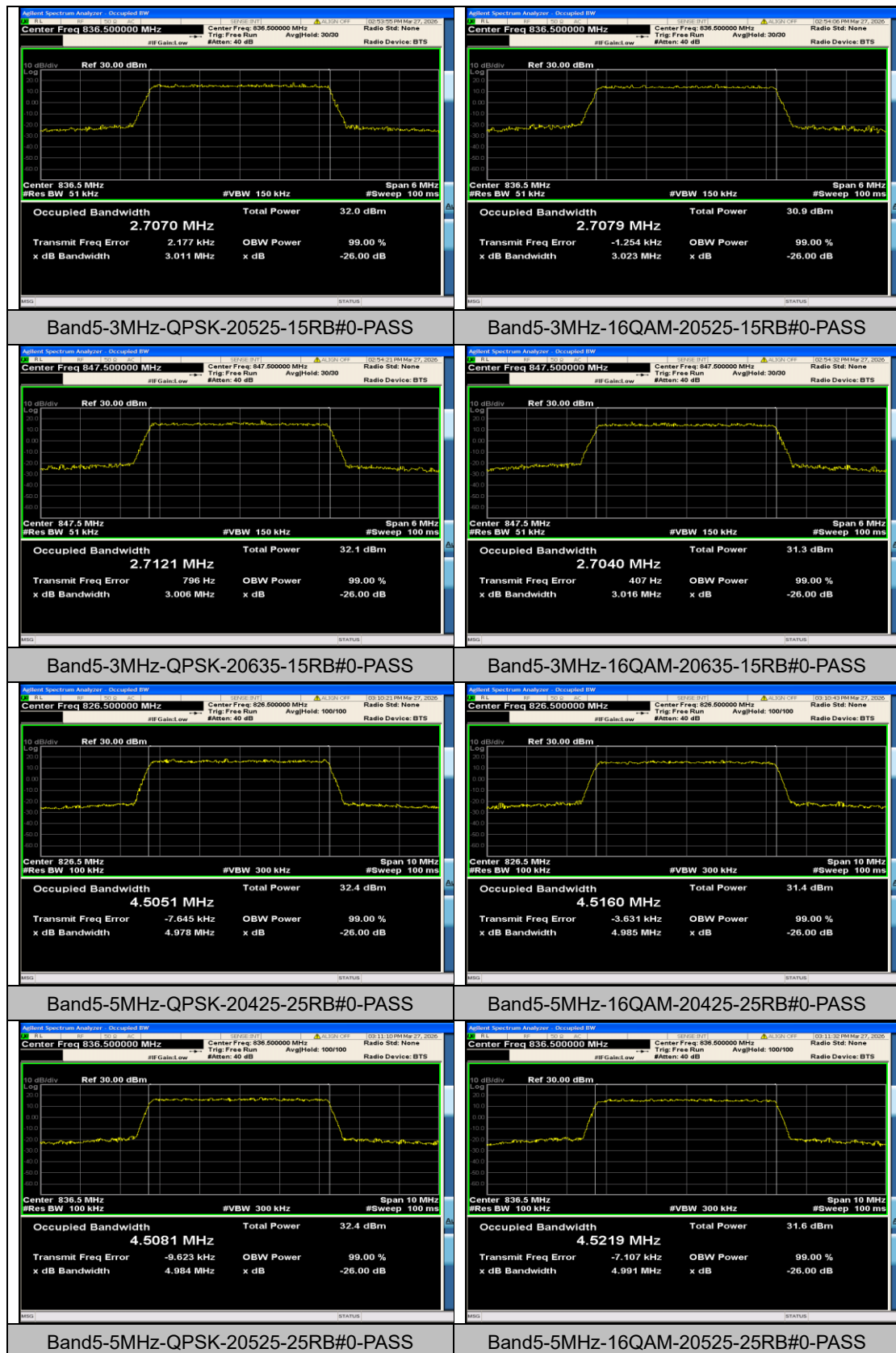
Appendix C: 26dB Bandwidth and Occupied Bandwidth

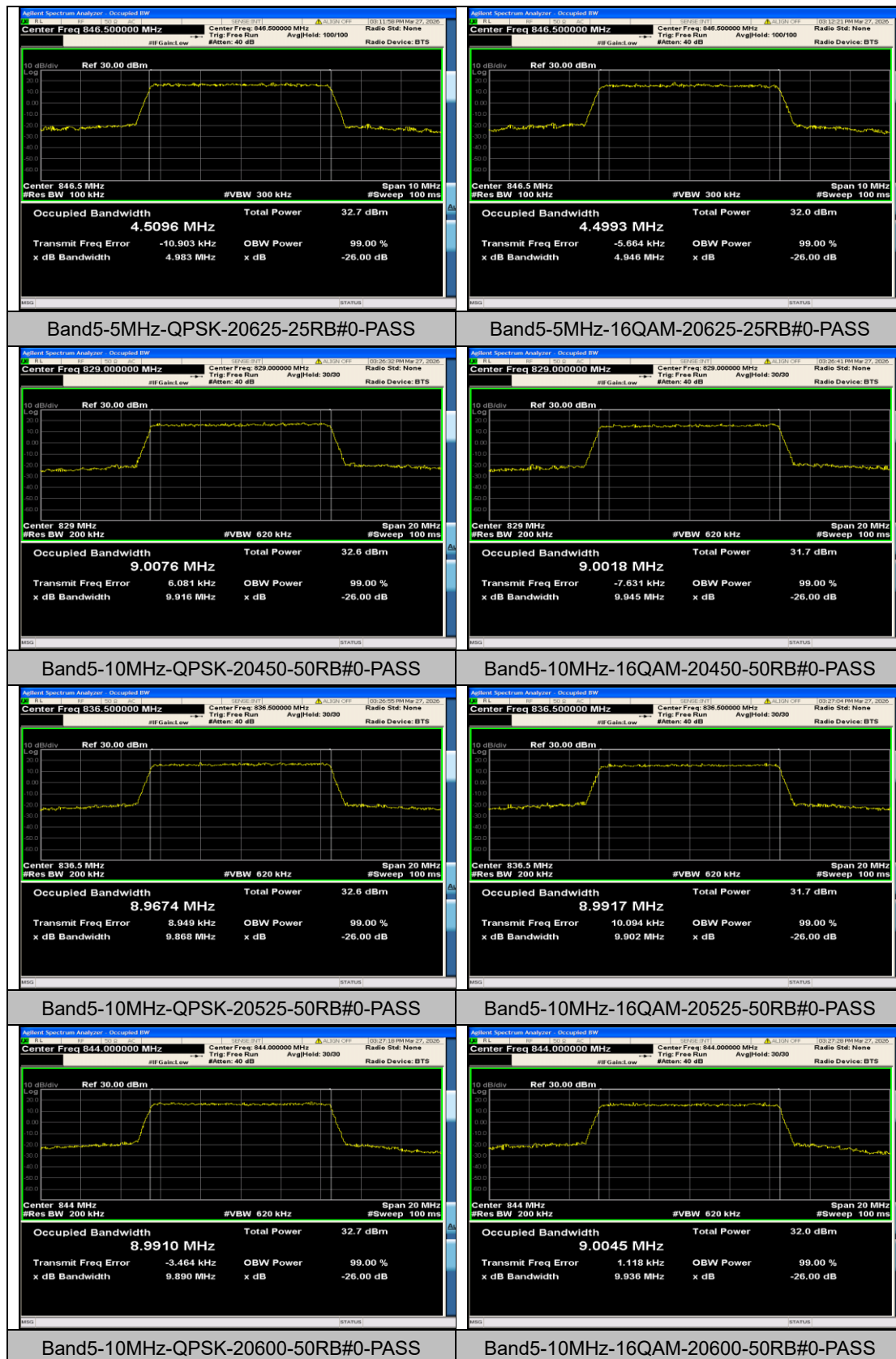
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0983	1.246	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0905	1.240	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0983	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0910	1.244	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0986	1.249	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0895	1.244	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7020	3.025	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7077	3.028	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7070	3.011	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7079	3.023	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7121	3.006	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7040	3.016	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5051	4.978	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5160	4.985	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5081	4.984	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5219	4.991	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5096	4.983	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4993	4.946	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0076	9.916	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0018	9.945	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9674	9.868	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9917	9.902	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9910	9.890	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0045	9.936	PASS

Test Graphs





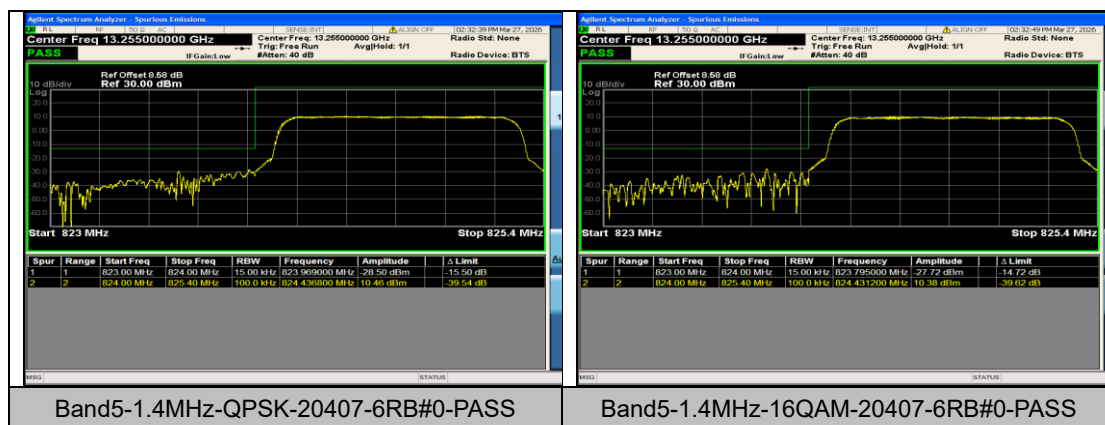


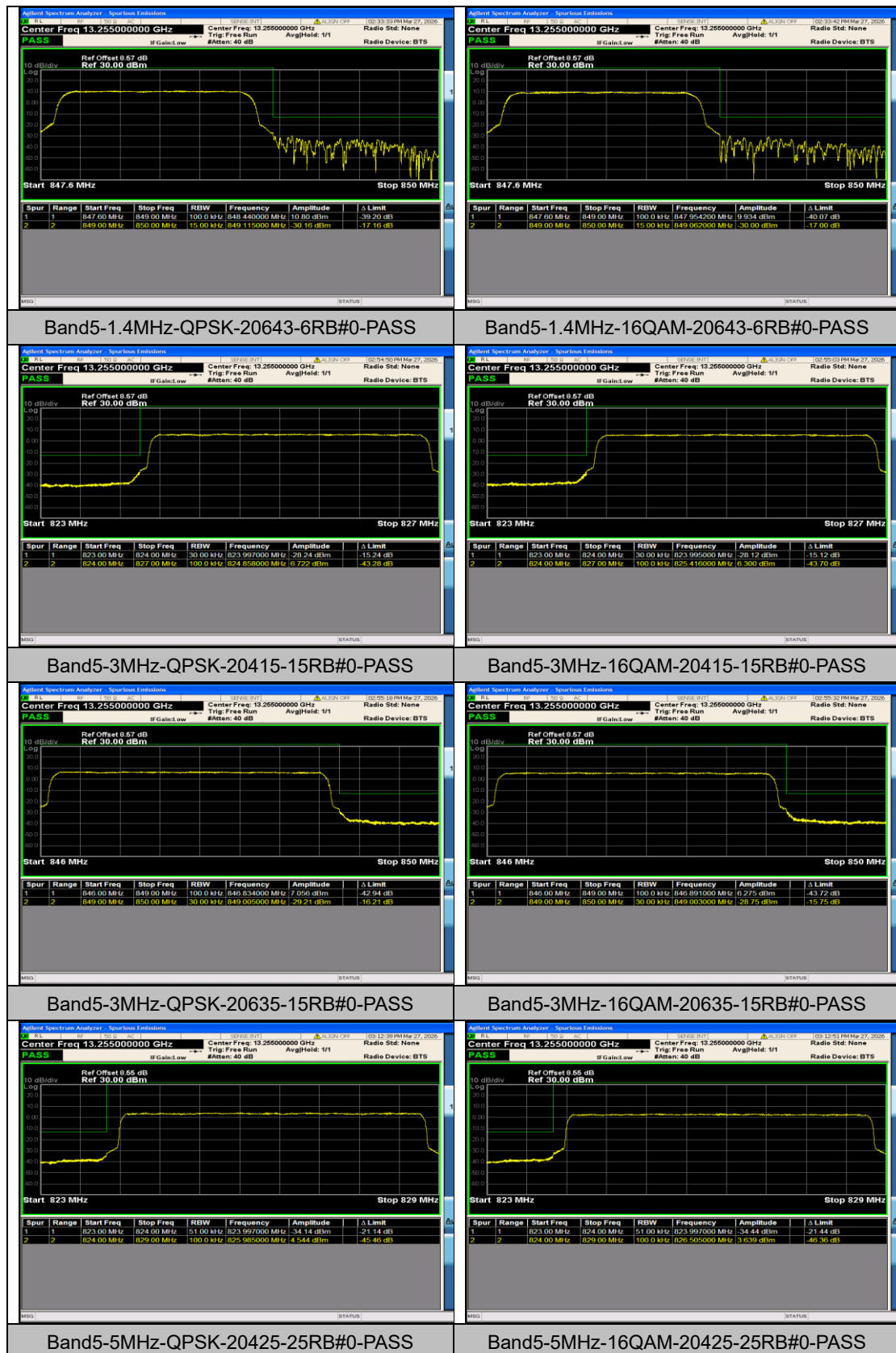
Appendix D: Band Edge

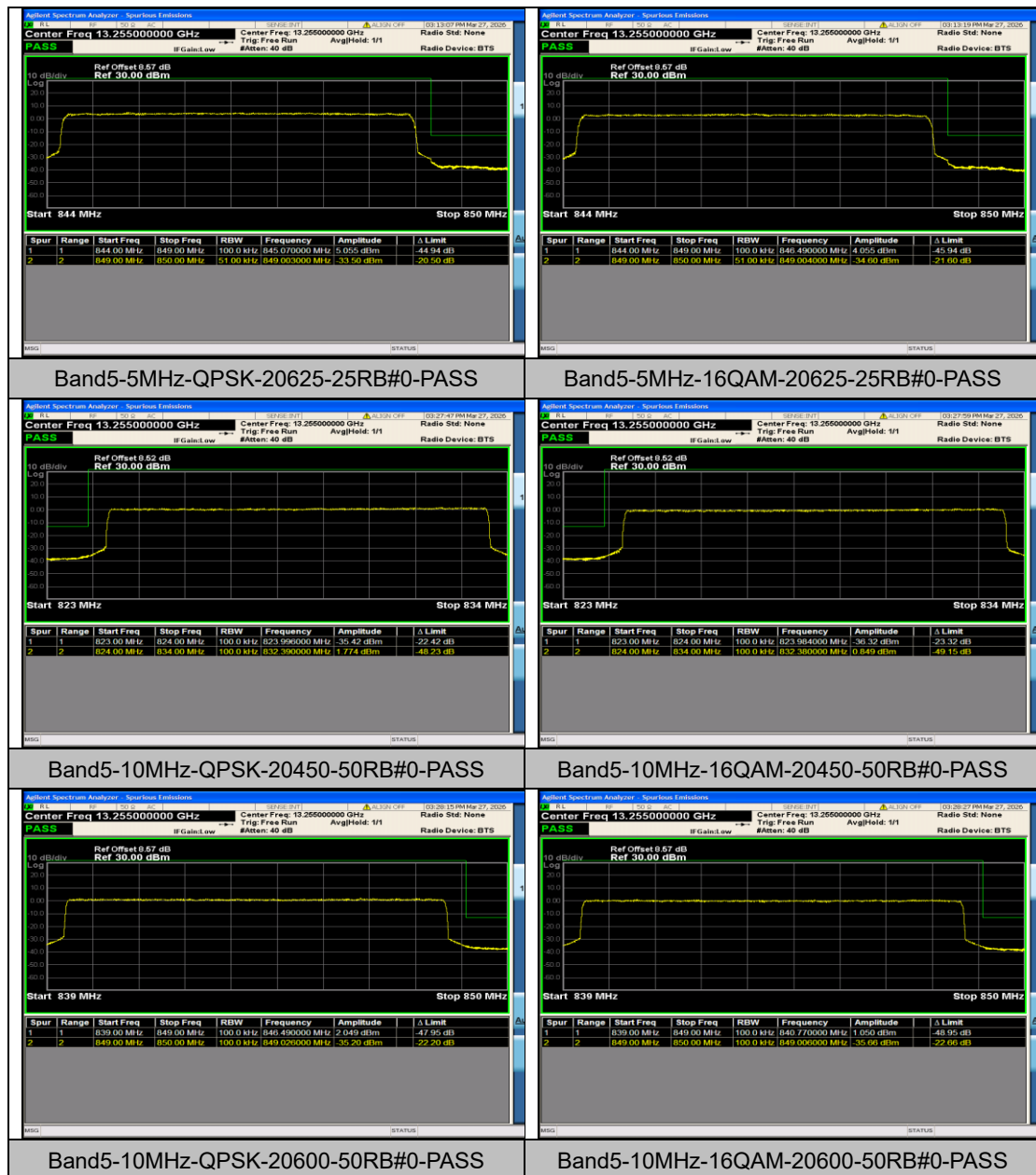
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.50	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.72	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-30.16	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.00	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.24	PASS
Band5	3MHz	16QAM	20415	15RB#0	-28.12	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.21	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.75	PASS
Band5	5MHz	QPSK	20425	25RB#0	-34.14	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.44	PASS
Band5	5MHz	QPSK	20625	25RB#0	-33.50	PASS
Band5	5MHz	16QAM	20625	25RB#0	-34.60	PASS
Band5	10MHz	QPSK	20450	50RB#0	-35.42	PASS
Band5	10MHz	16QAM	20450	50RB#0	-36.32	PASS
Band5	10MHz	QPSK	20600	50RB#0	-35.20	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.66	PASS

Test Graphs







Appendix E: 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	-60.20	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-52.07	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-31.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-44.86	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.07	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-60.55	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-53.02	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-33.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-45.43	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.89	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-60.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-52.79	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-57.73	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-44.56	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.70	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-60.89	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-53.51	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-58.61	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-45.56	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-44.02	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-61.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-51.07	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-33.63	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-44.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.77	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-60.57	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-51.87	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-32.65	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-45.72	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-44.03	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-60.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-53.04	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-29.85	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-47.79	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-60.06	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-53.24	PASS

Band5	3MHz	16QAM	20415	15RB#0	30~1000	-29.35	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-48.03	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.90	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-60.49	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-52.67	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-54.38	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-47.18	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-44.07	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-60.33	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-54.00	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-56.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-47.76	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.90	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-61.28	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-52.81	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-30.24	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-47.69	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-44.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-60.29	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-50.99	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-30.90	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-47.70	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-44.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-58.94	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-51.95	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-31.23	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-47.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.90	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-60.81	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-54.01	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-31.88	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-48.11	PASS
Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-44.15	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-60.52	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-52.28	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-43.90	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-48.17	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.95	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-60.24	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-52.11	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-46.34	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-48.26	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-44.13	PASS

Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-59.69	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-54.03	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-32.13	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-47.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-44.10	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-59.41	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-53.12	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-30.65	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-48.17	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-44.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-60.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-51.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-32.70	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-48.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-44.54	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-60.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-51.02	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-32.85	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-48.09	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.62	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-60.12	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-52.71	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-41.28	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-48.05	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-44.22	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-59.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-51.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-41.81	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-47.64	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-44.19	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-59.88	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-54.05	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-30.38	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-48.14	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-44.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-59.96	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-52.39	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-31.92	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-48.04	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.81	PASS

Test Graphs

