

FCC&ISED LTE Band Test Data

FCC ID : 2BE8S-A1

IC : 33120-A1

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

HVIN(Model) : A1

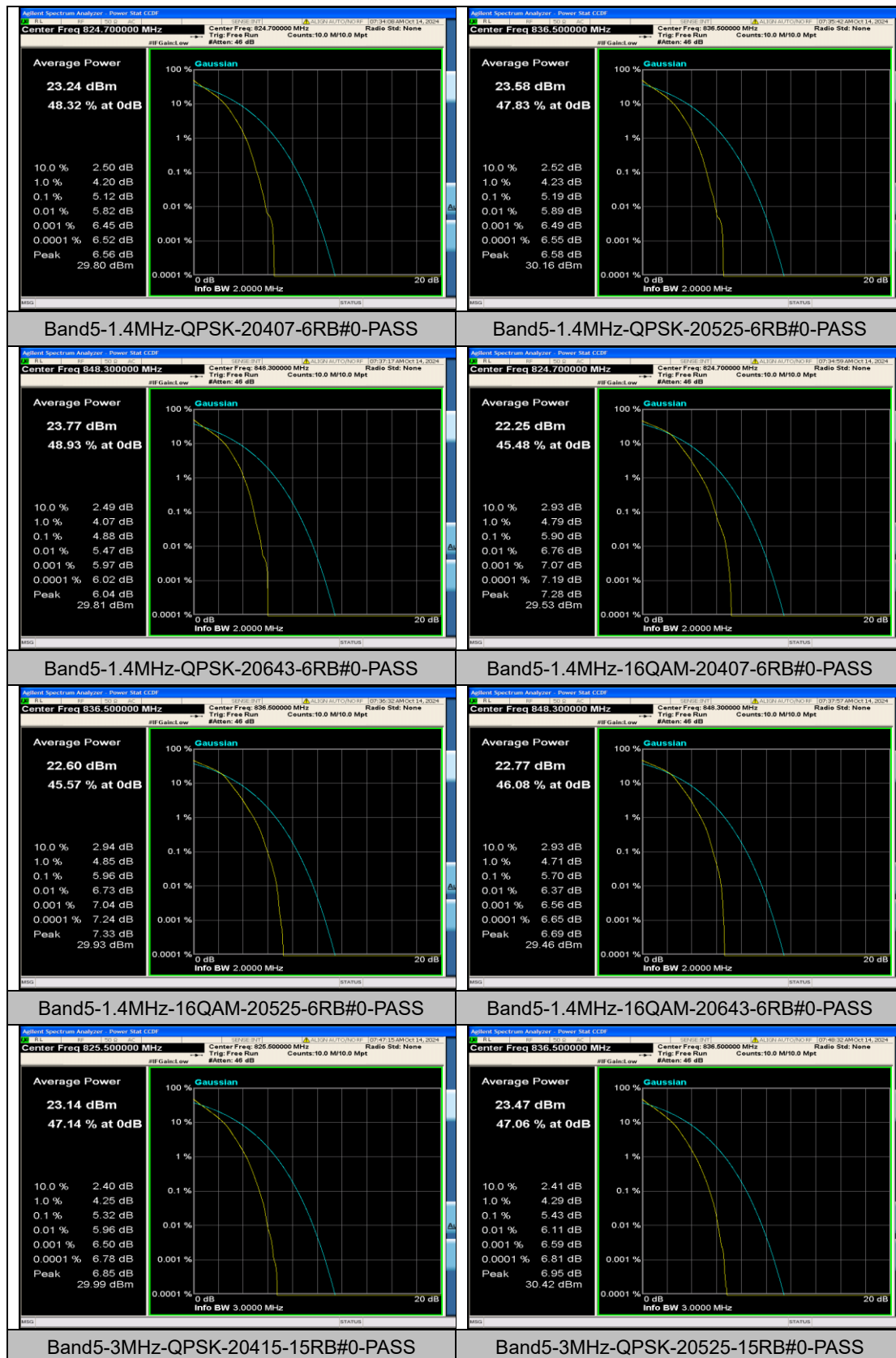
Reviewed By : Eric Wang

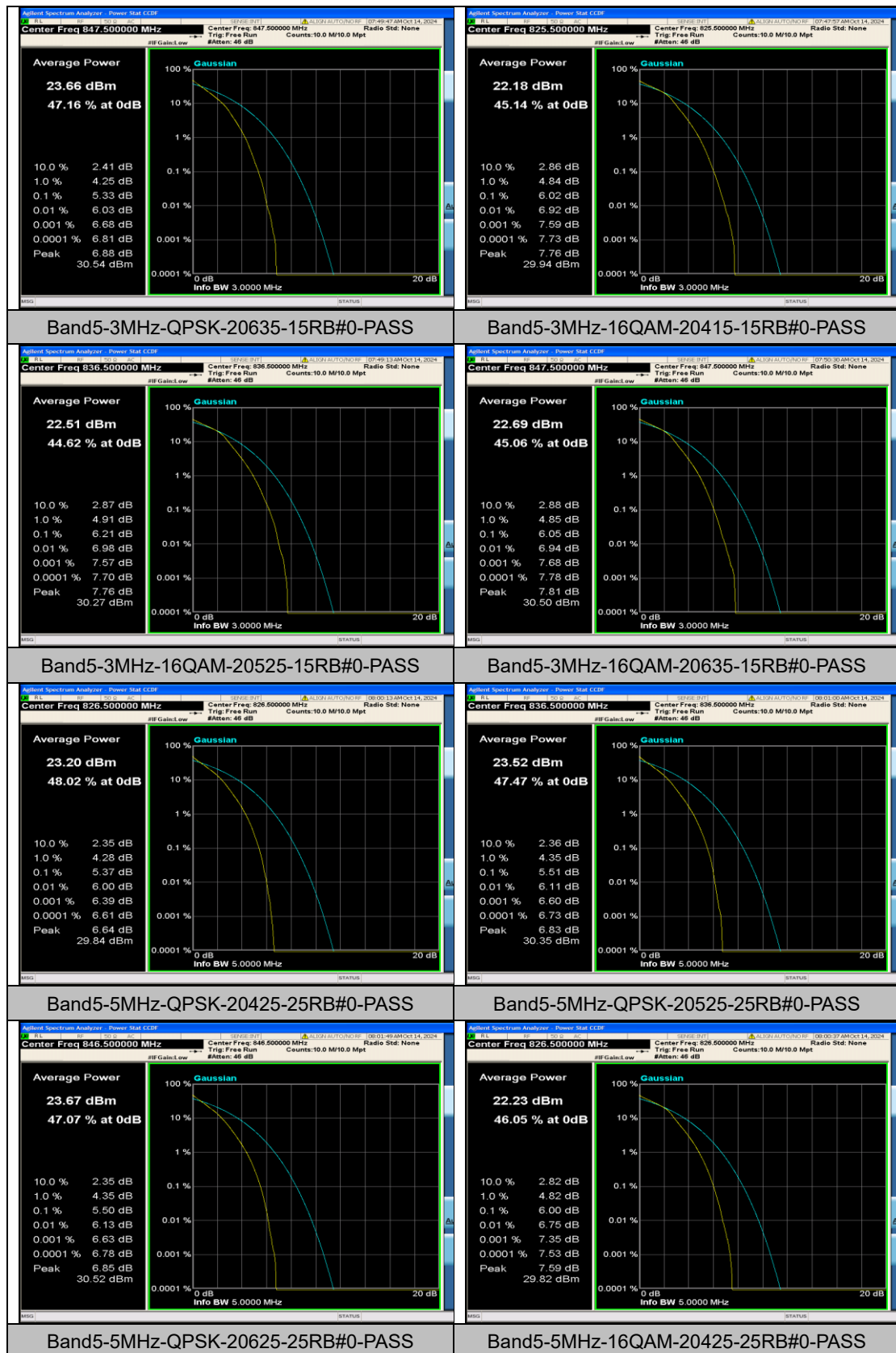
Appendix B: Peak-to-Average Ratio(CCDF)

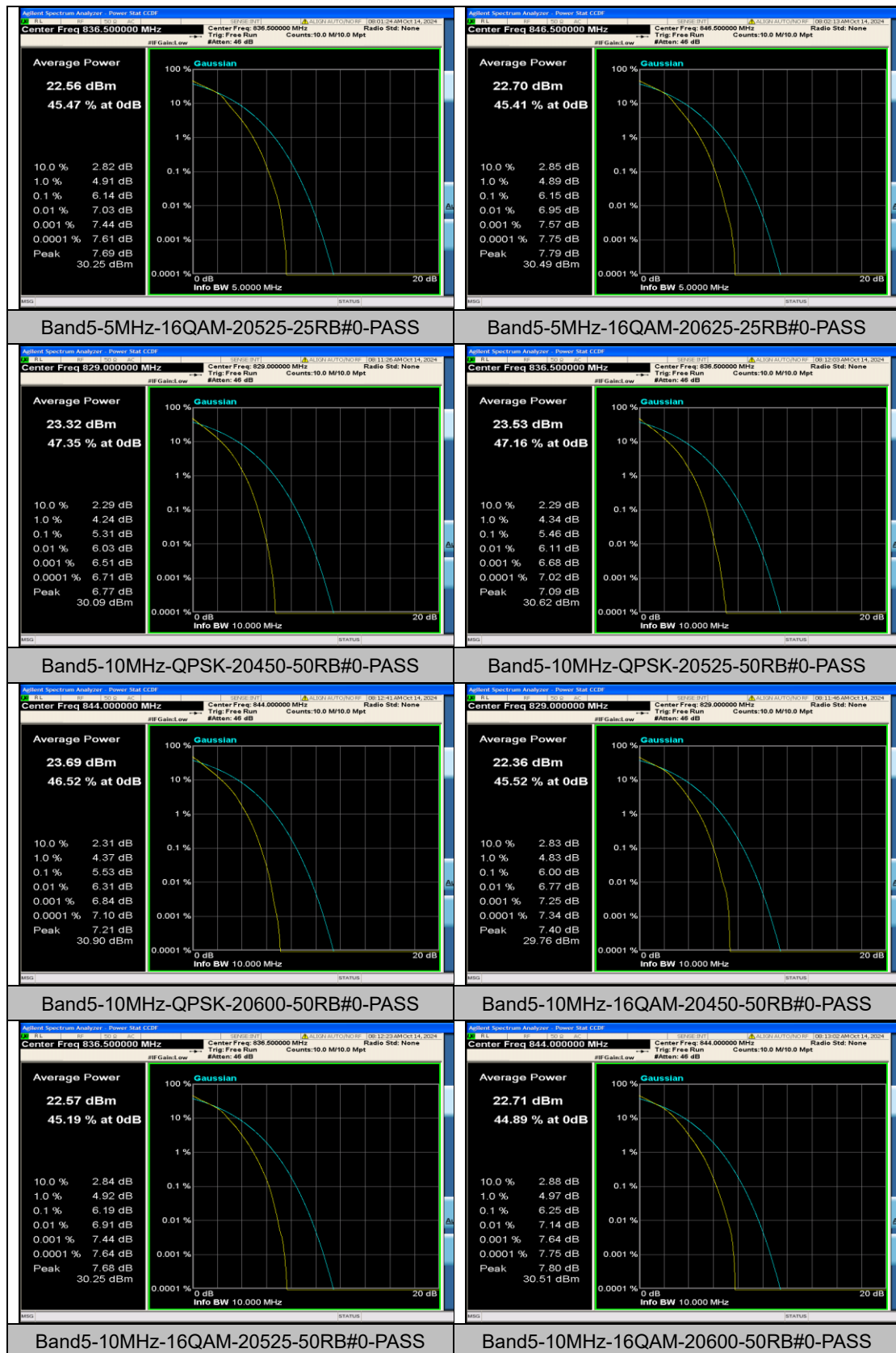
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.12	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.19	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.88	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.90	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.96	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.70	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.32	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.02	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.21	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.05	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.37	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.51	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.50	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.00	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.14	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.15	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.46	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.19	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.25	13	PASS

Test Graphs





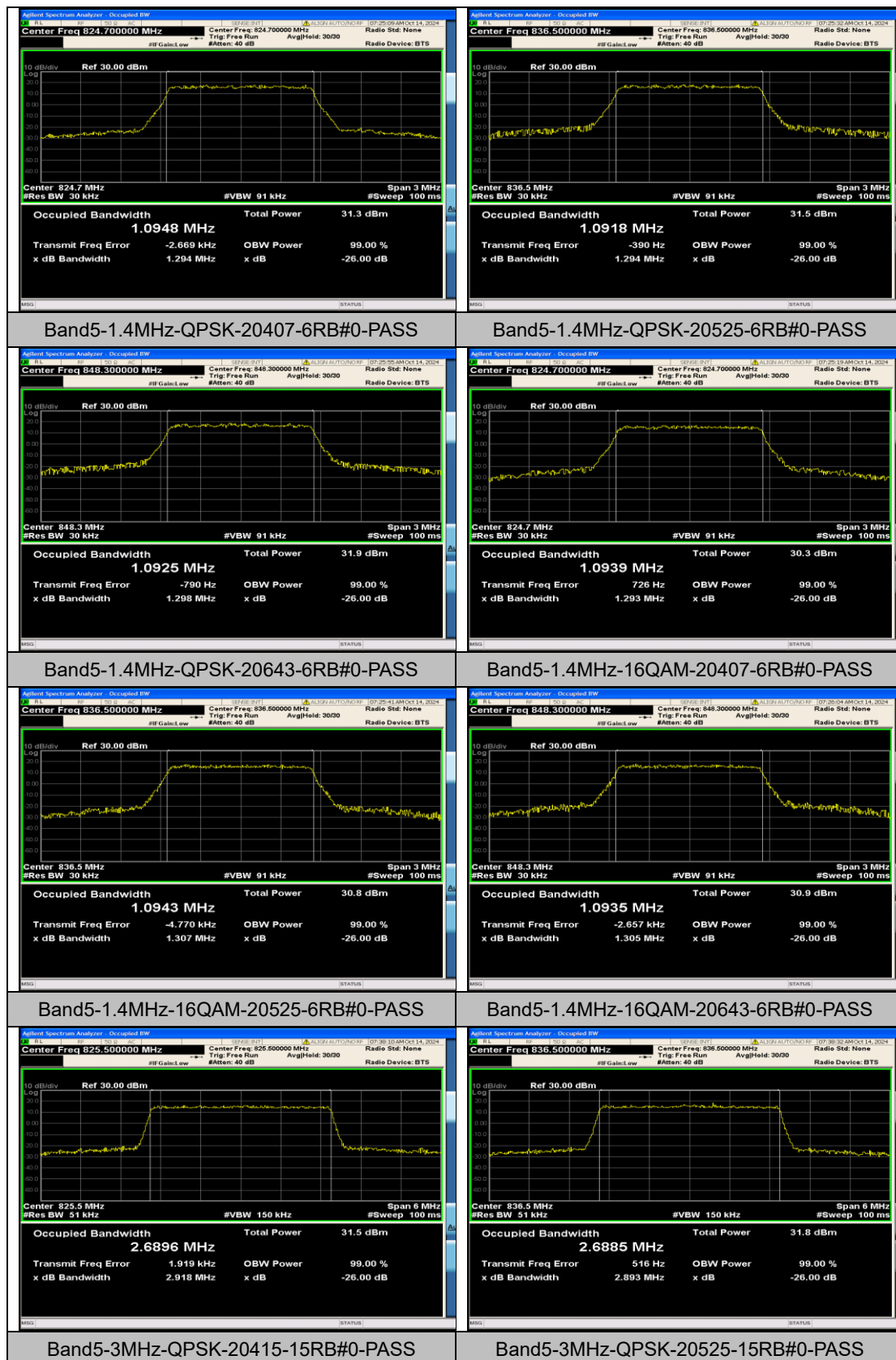


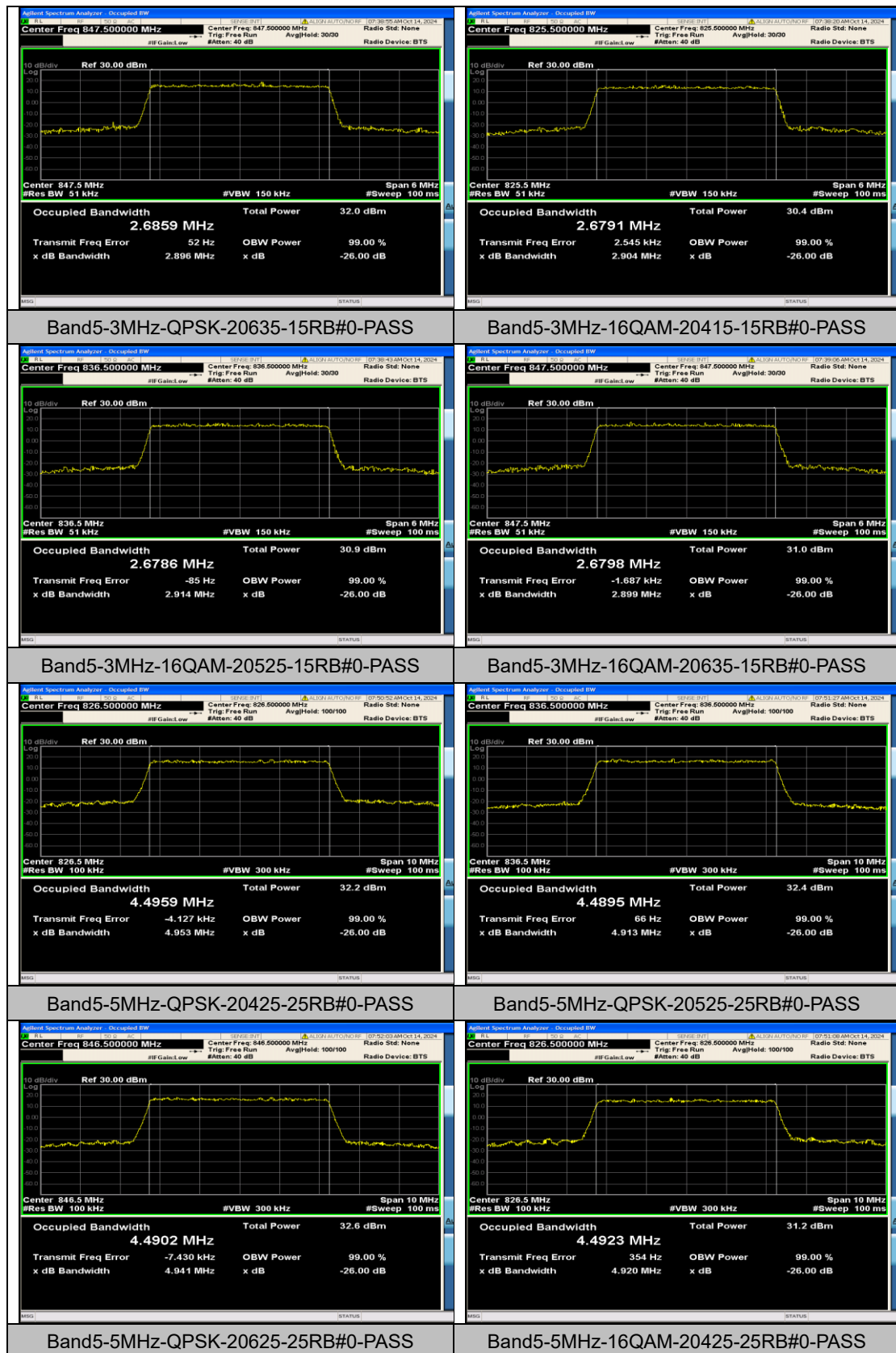
Appendix C: 26dB Bandwidth and Occupied Bandwidth

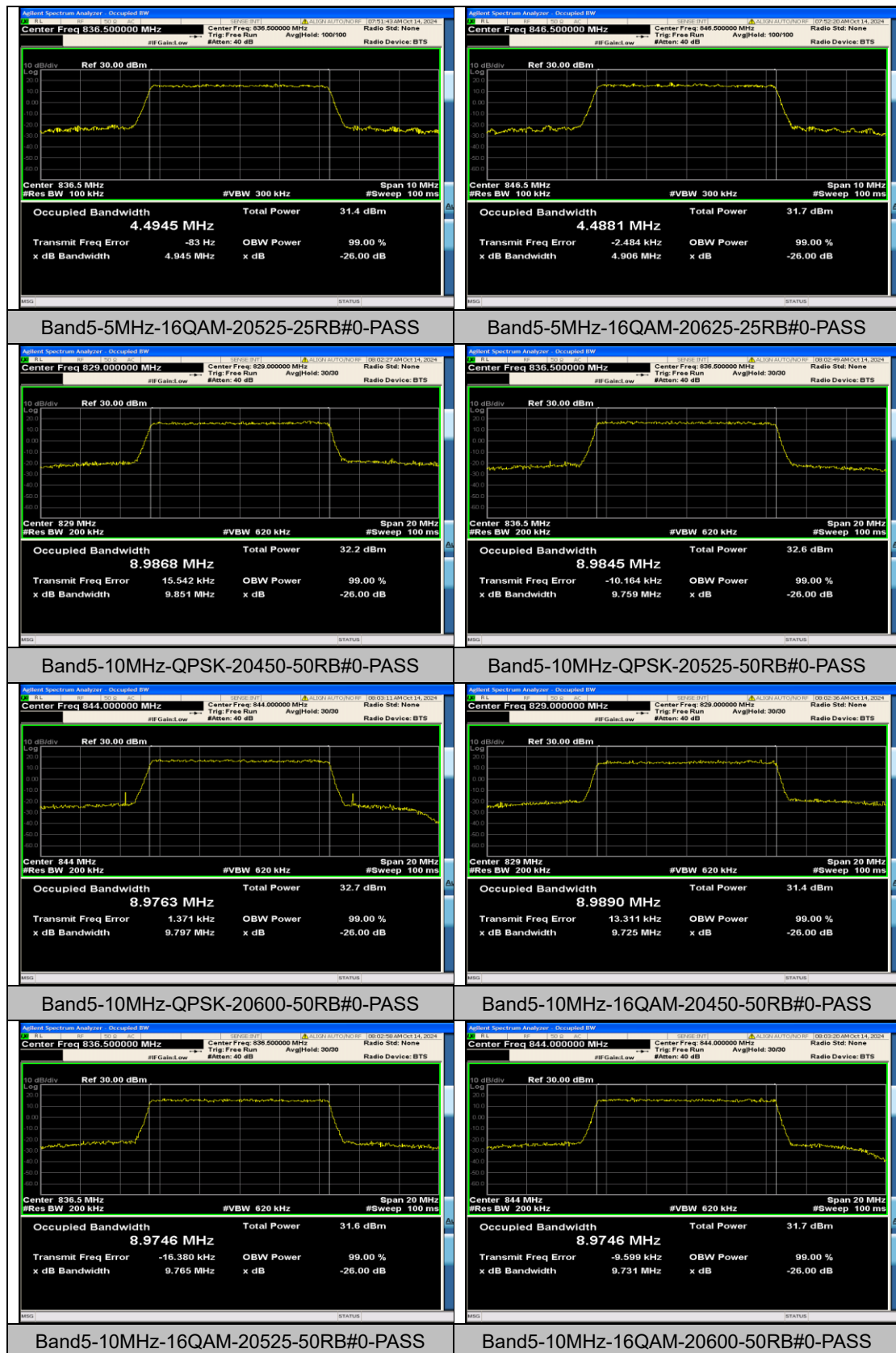
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0948	1.294	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0918	1.294	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0925	1.298	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0939	1.293	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0943	1.307	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0935	1.305	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6896	2.918	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6885	2.893	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6859	2.896	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6791	2.904	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6786	2.914	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6798	2.899	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4959	4.953	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4895	4.913	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4902	4.941	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4923	4.920	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4945	4.945	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4881	4.906	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9868	9.851	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9845	9.759	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9763	9.797	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9890	9.725	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9746	9.765	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9746	9.731	PASS

Test Graphs





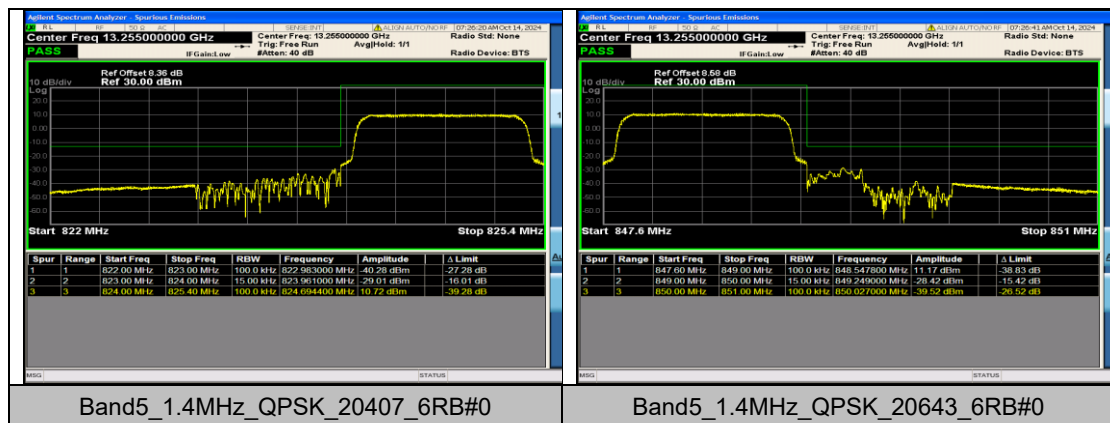


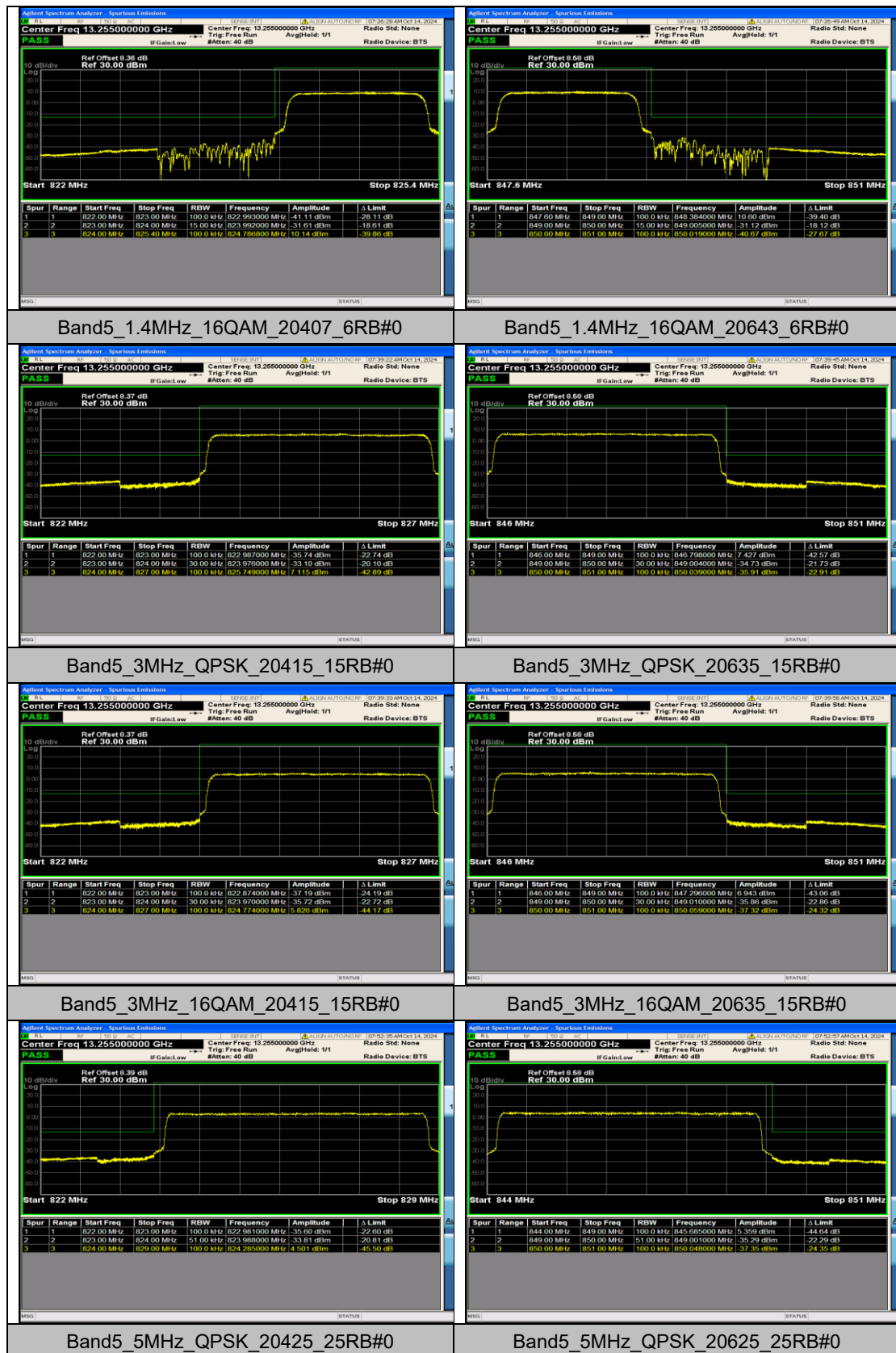
Appendix D: Band Edge

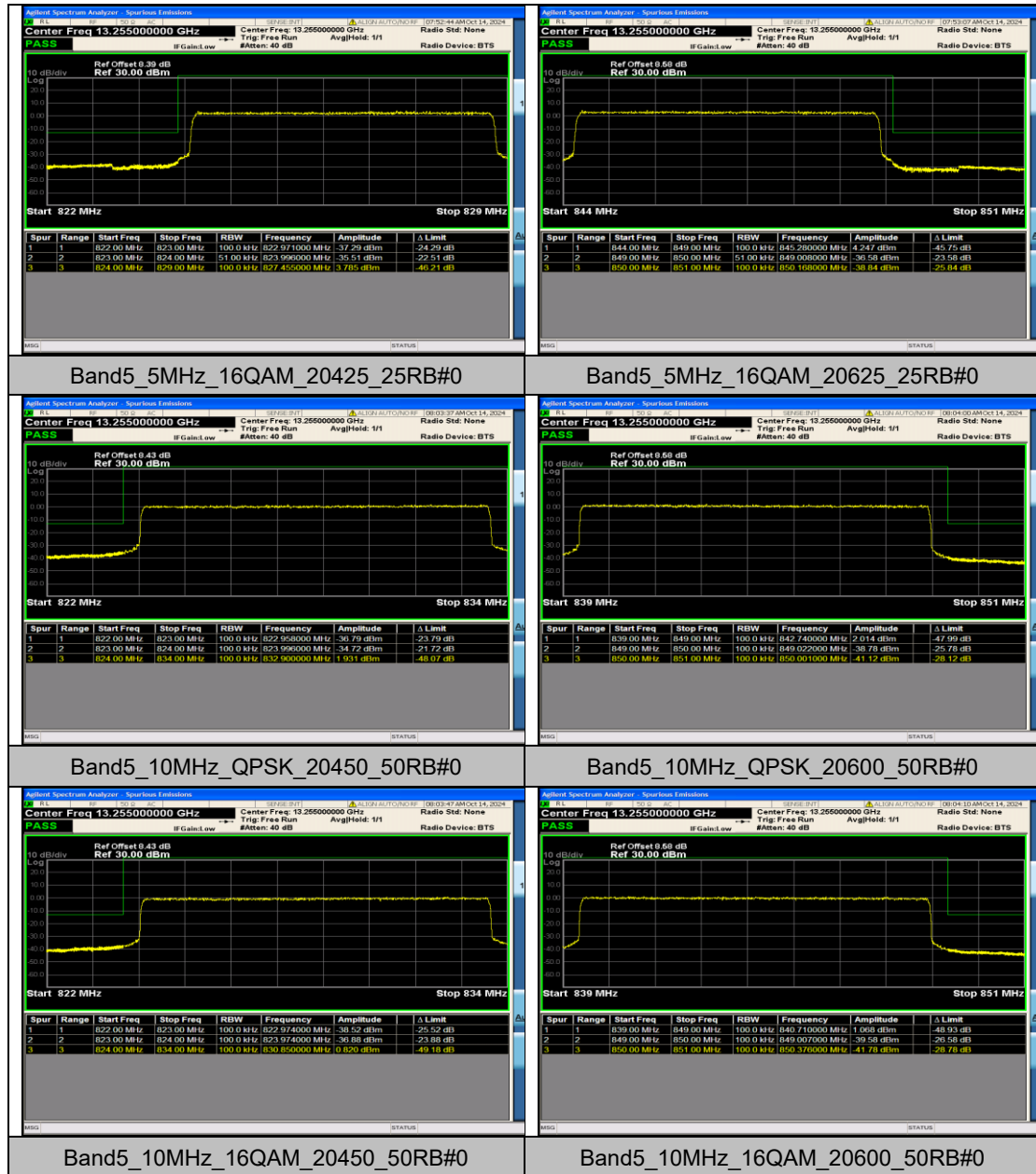
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.01	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.42	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-31.61	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-31.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	-33.10	PASS
Band5	3MHz	QPSK	20635	15RB#0	-34.73	PASS
Band5	3MHz	16QAM	20415	15RB#0	-35.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	-35.86	PASS
Band5	5MHz	QPSK	20425	25RB#0	-33.81	PASS
Band5	5MHz	QPSK	20625	25RB#0	-35.29	PASS
Band5	5MHz	16QAM	20425	25RB#0	-35.51	PASS
Band5	5MHz	16QAM	20625	25RB#0	-36.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	-34.72	PASS
Band5	10MHz	QPSK	20600	50RB#0	-38.78	PASS
Band5	10MHz	16QAM	20450	50RB#0	-36.88	PASS
Band5	10MHz	16QAM	20600	50RB#0	-39.58	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	-47.83	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-53.61	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-48.36	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-45.02	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.54	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-47.49	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-53.95	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-49.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-44.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.63	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-46.70	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-52.94	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-44.39	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-44.19	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.65	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-49.15	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-53.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-48.62	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-45.37	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-42.80	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-49.57	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-52.26	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-49.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-45.14	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.63	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-43.92	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-53.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-48.03	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-44.22	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.53	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-46.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-53.46	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-50.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.40	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-45.46	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-53.94	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-50.50	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-46.08	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.64	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-47.81	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-52.89	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-49.59	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.51	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.74	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-46.47	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-52.19	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-50.94	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.32	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.60	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-46.36	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-53.62	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-52.55	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-46.96	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.35	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-48.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-53.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-50.13	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-50.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-52.46	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-52.06	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-46.38	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.48	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-47.94	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-52.27	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-52.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-46.74	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.17	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-48.19	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-51.89	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-51.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.38	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.60	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-49.34	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-54.11	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-54.25	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-46.51	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.42	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-49.23	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-52.69	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-54.19	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-46.82	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.67	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-48.84	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-52.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-53.06	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.71	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.35	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-49.05	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-54.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-61.88	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.27	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.28	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-47.46	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-52.91	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-56.57	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-46.67	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.31	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-46.85	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-54.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-54.64	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.67	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.49	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-44.46	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-54.99	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-61.95	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-46.68	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.34	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-48.29	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-52.86	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-58.21	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.46	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.64	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-47.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-52.21	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-57.03	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-46.38	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.64	PASS

Test Graphs

