

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

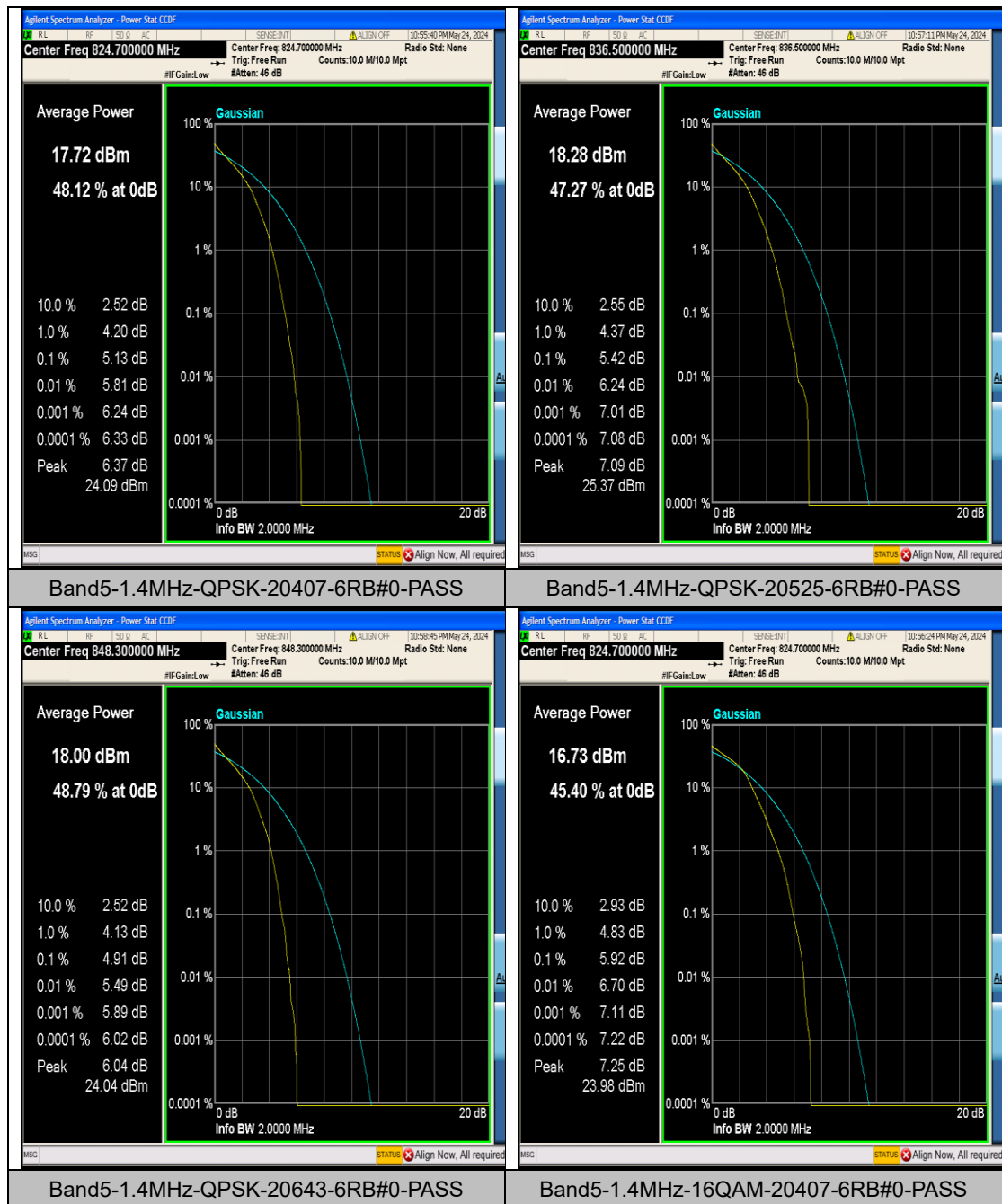
Reviewed By : Eric Wang

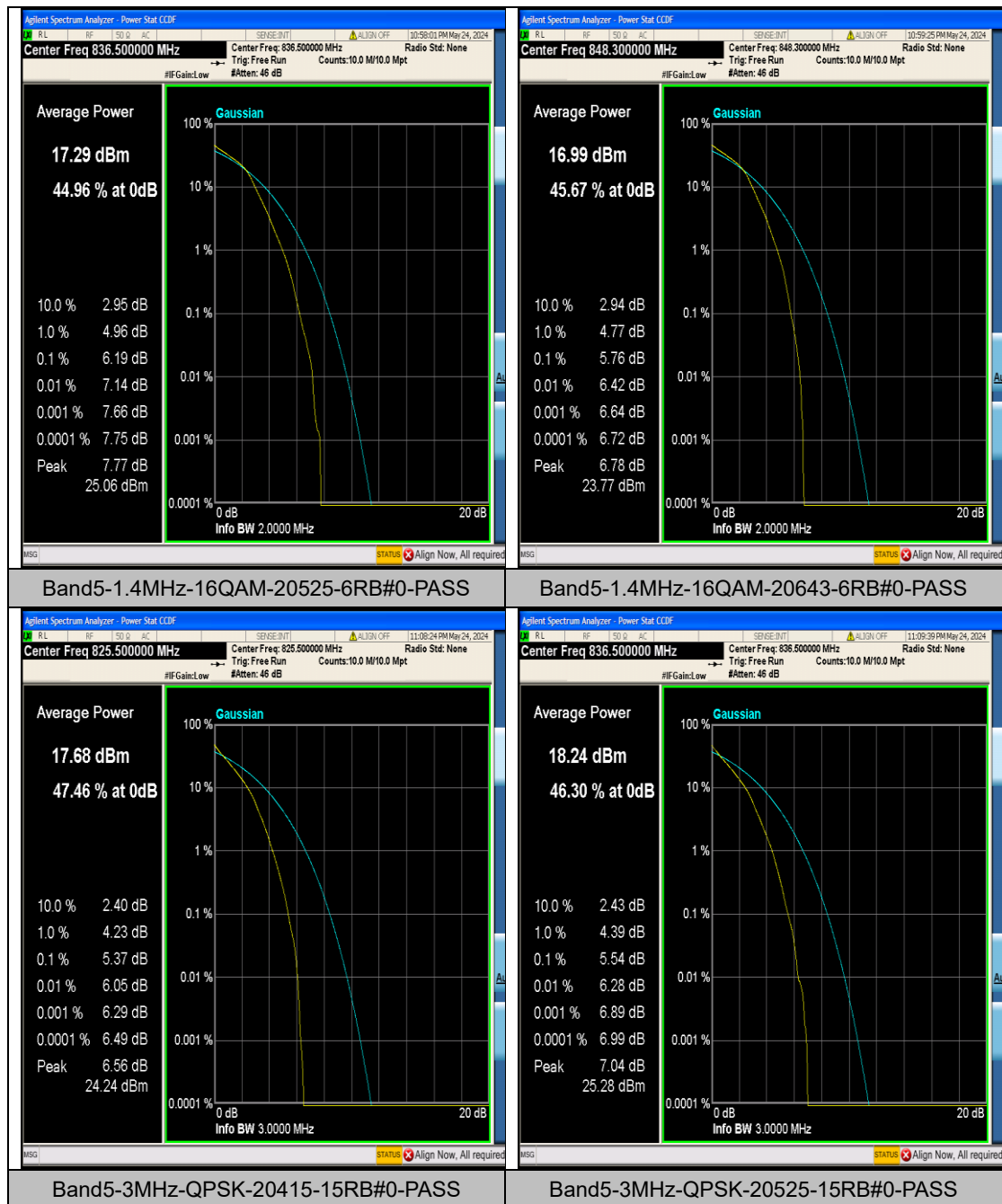
Appendix B: Peak-to-Average Ratio(CCDF)

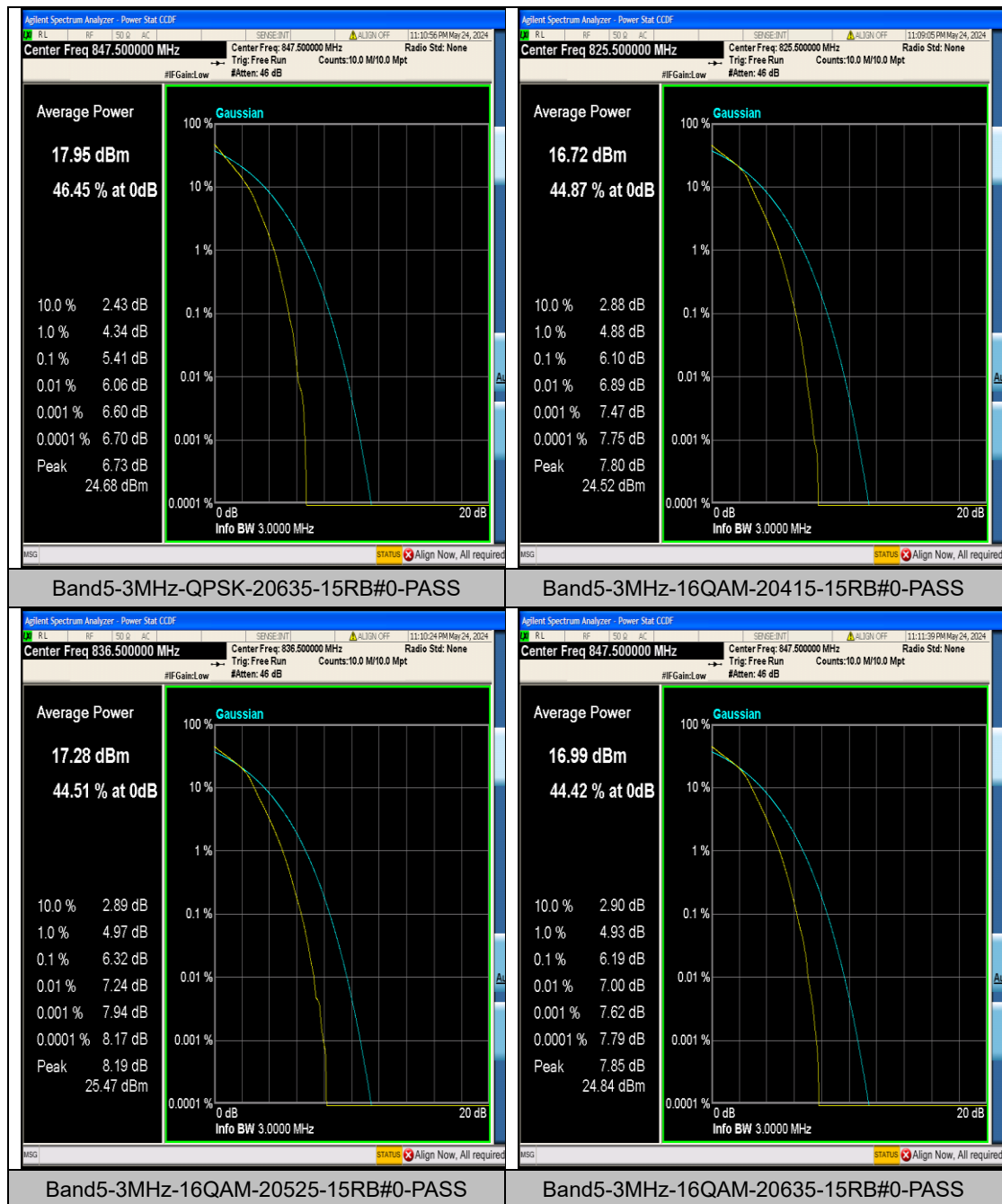
Test Result

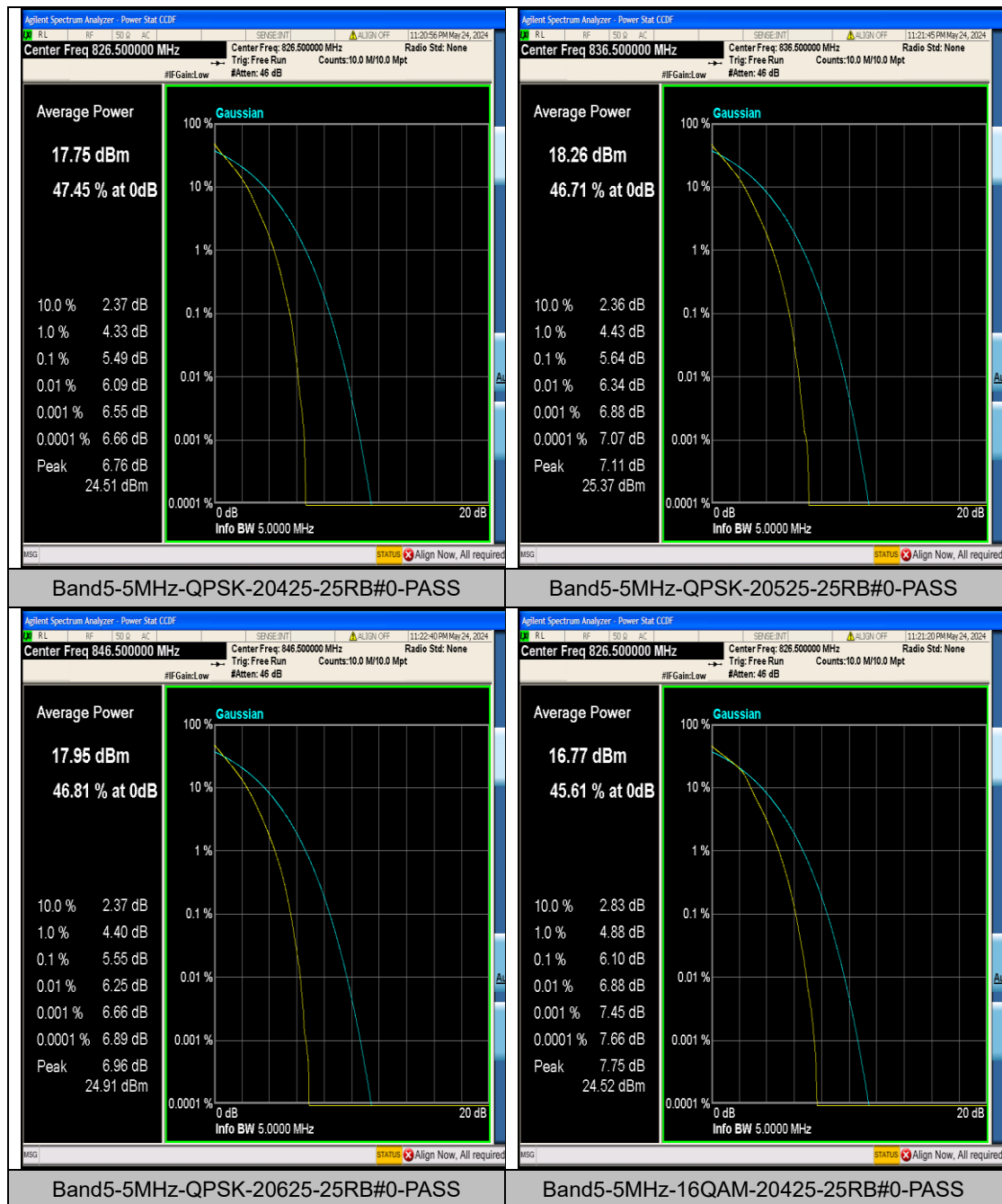
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.13	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.42	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.91	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.92	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.19	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.76	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.37	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.54	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.10	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.32	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.49	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.55	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.10	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.27	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.23	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.50	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.59	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.16	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.29	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.31	13	PASS

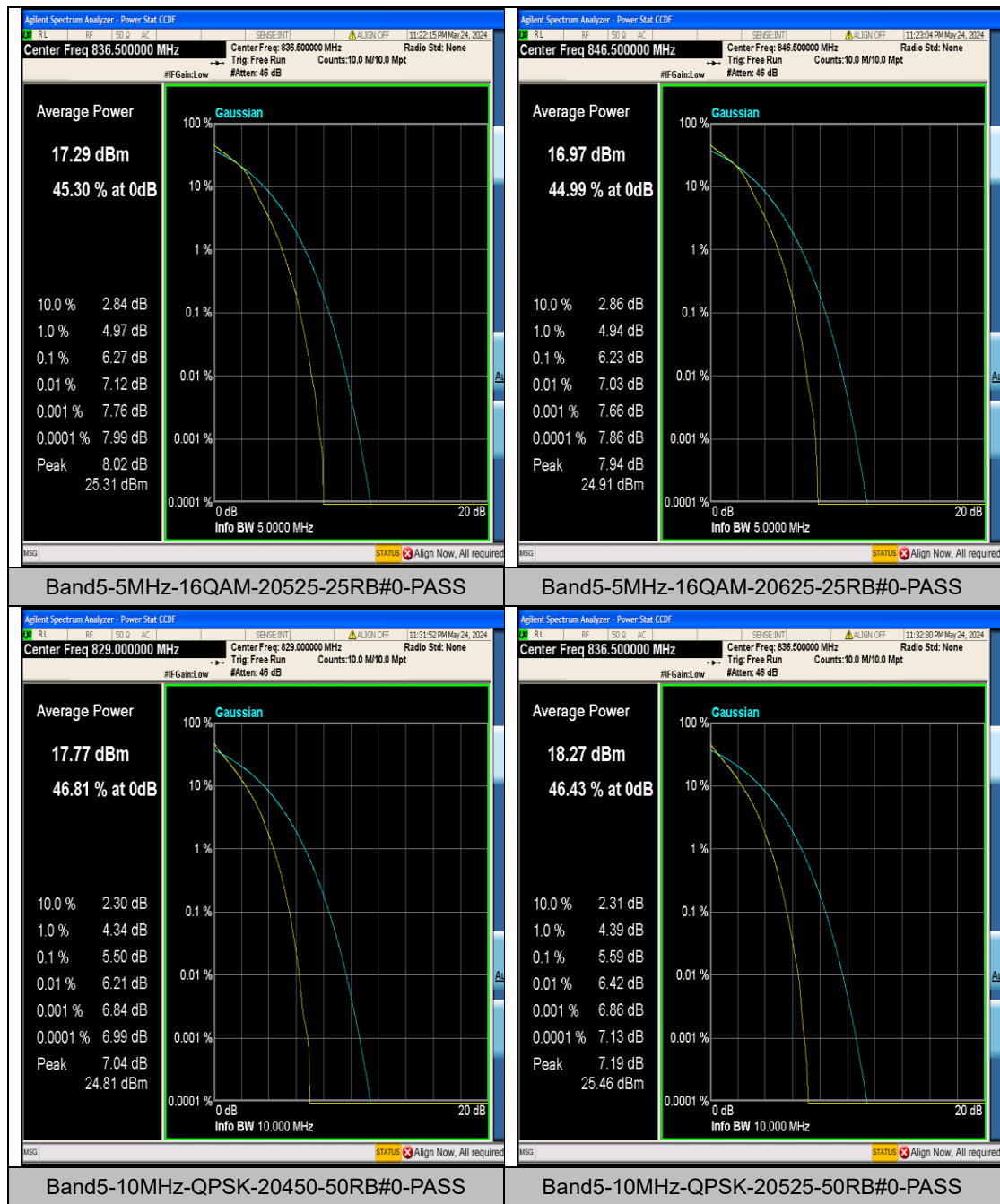
Test Graphs

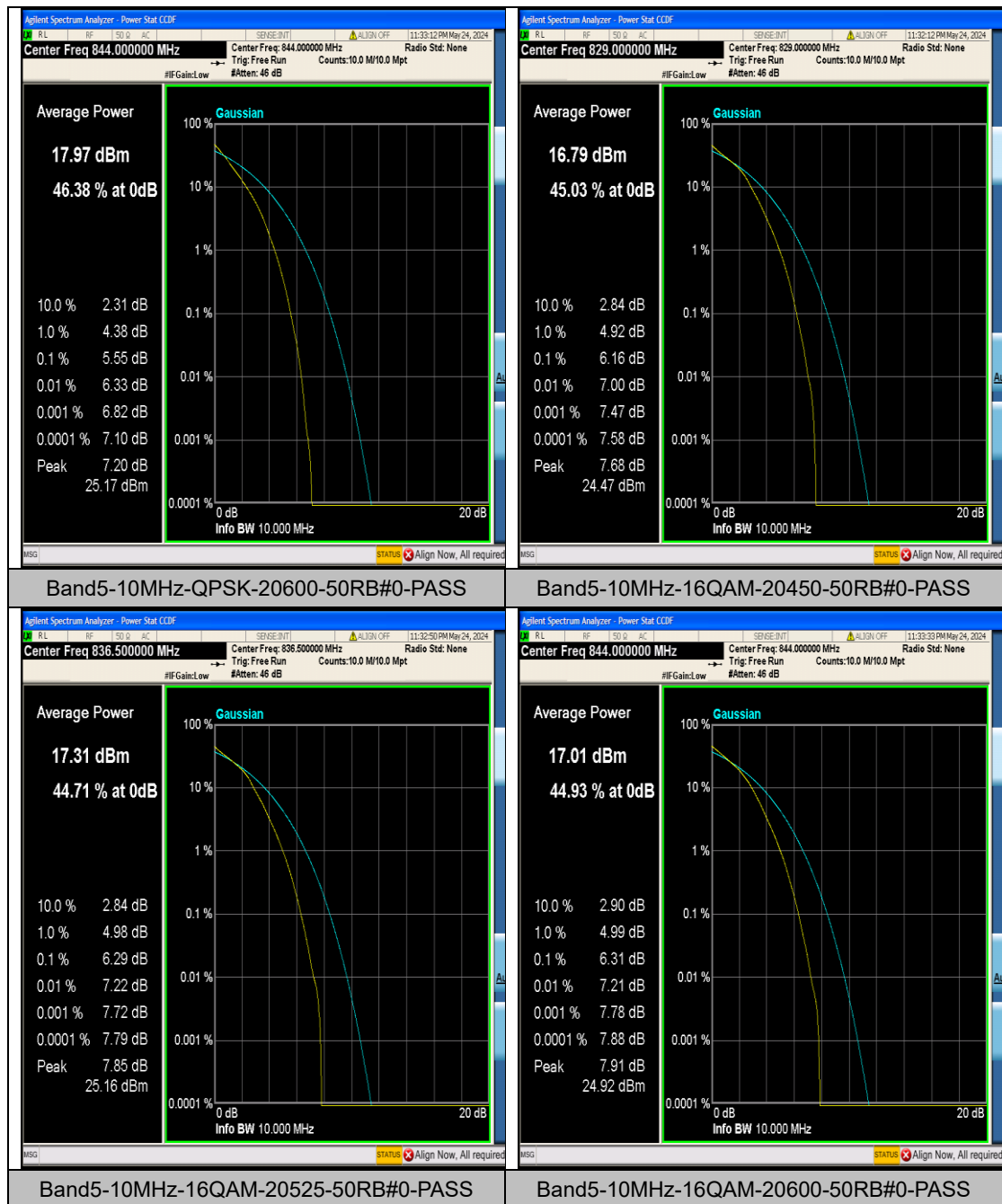










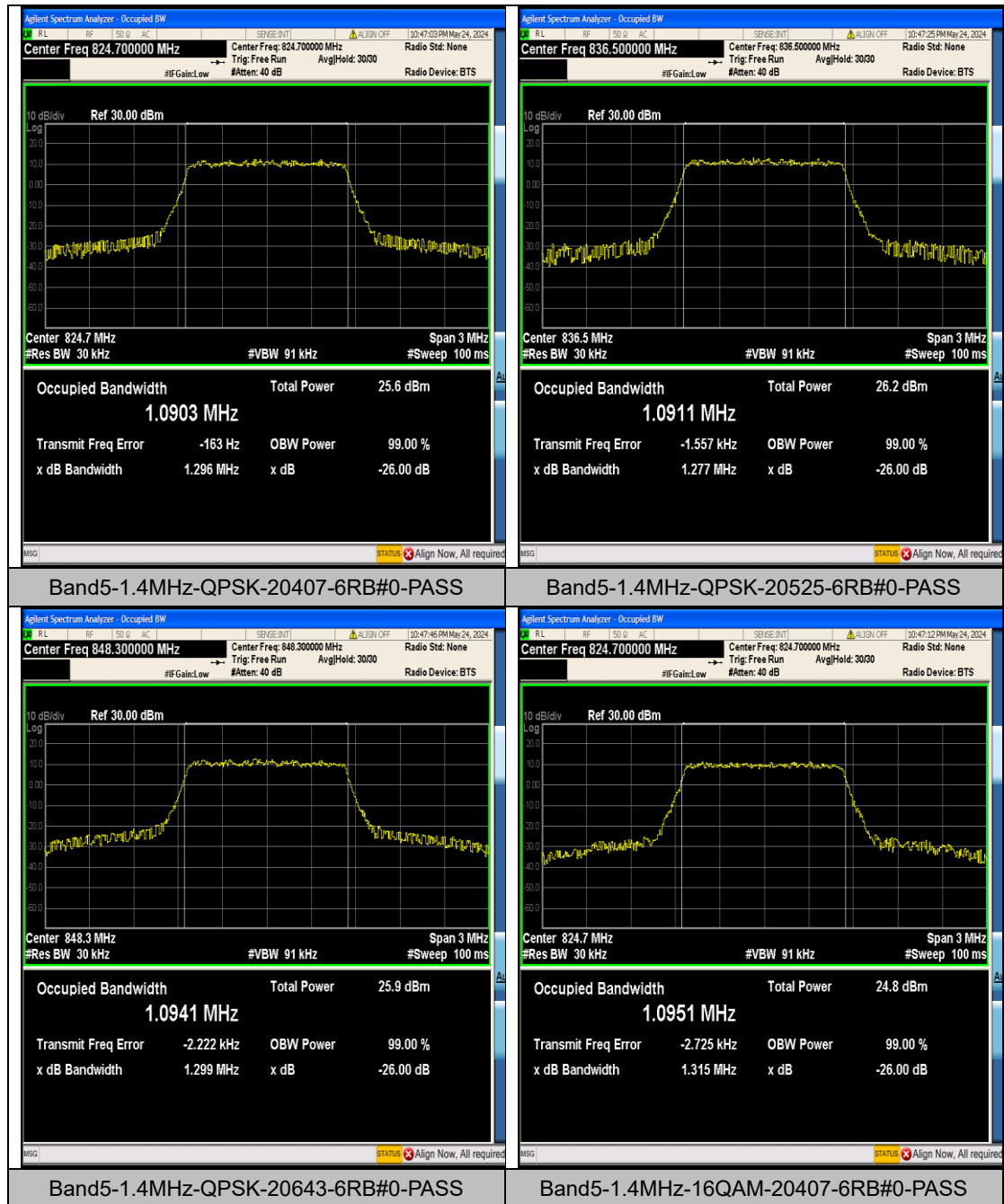


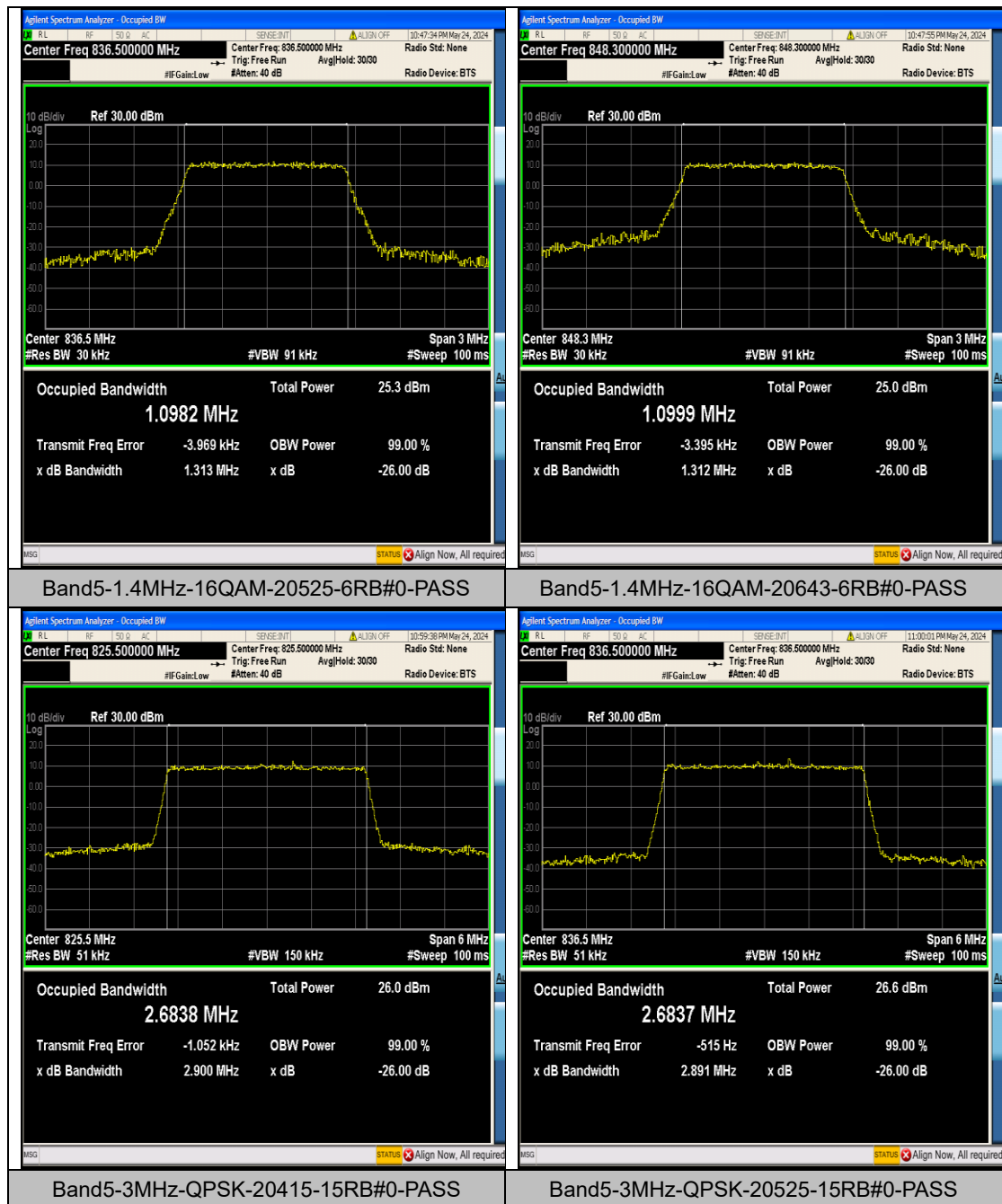
Appendix C: 26dB Bandwidth and Occupied Bandwidth

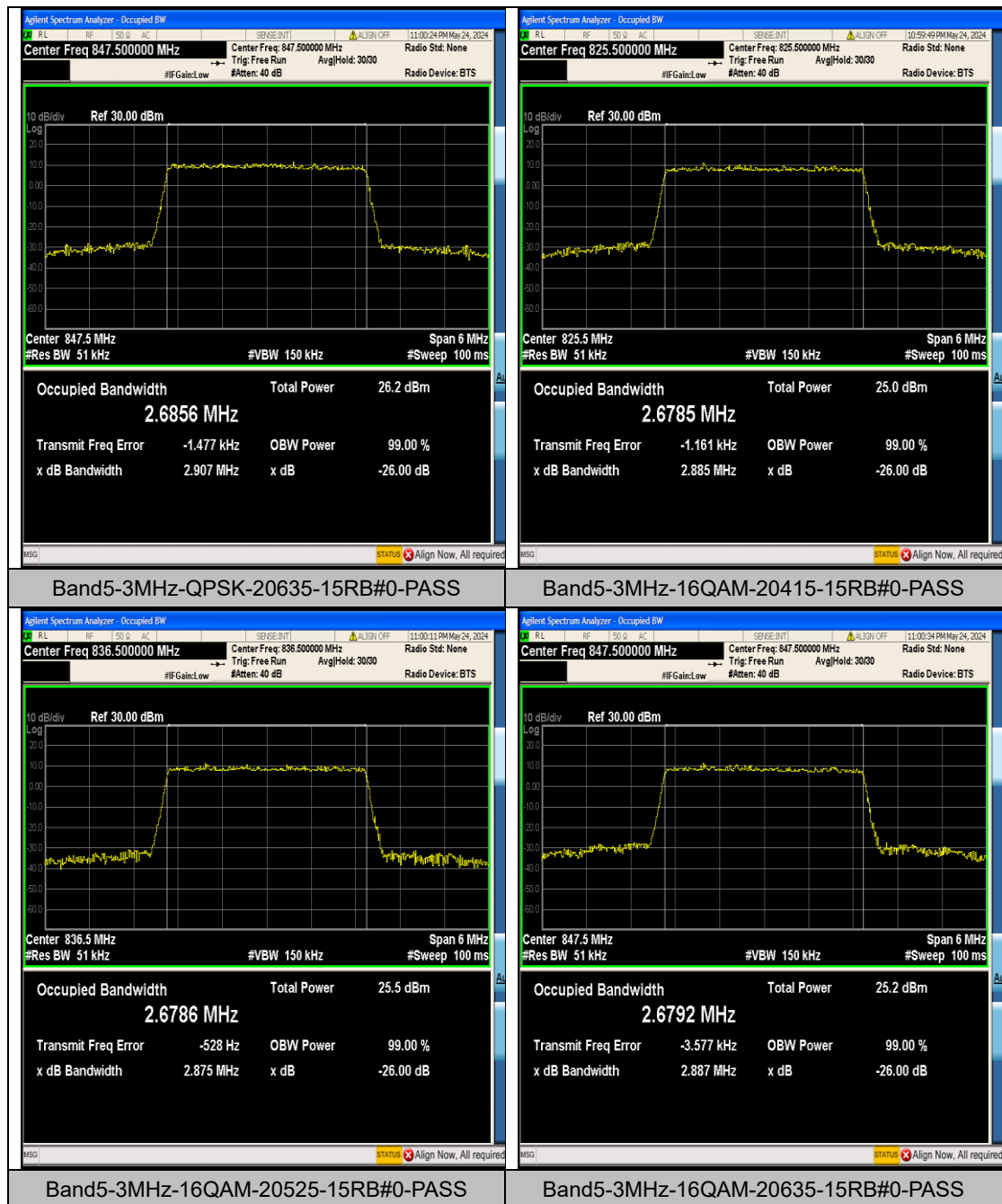
Test Result

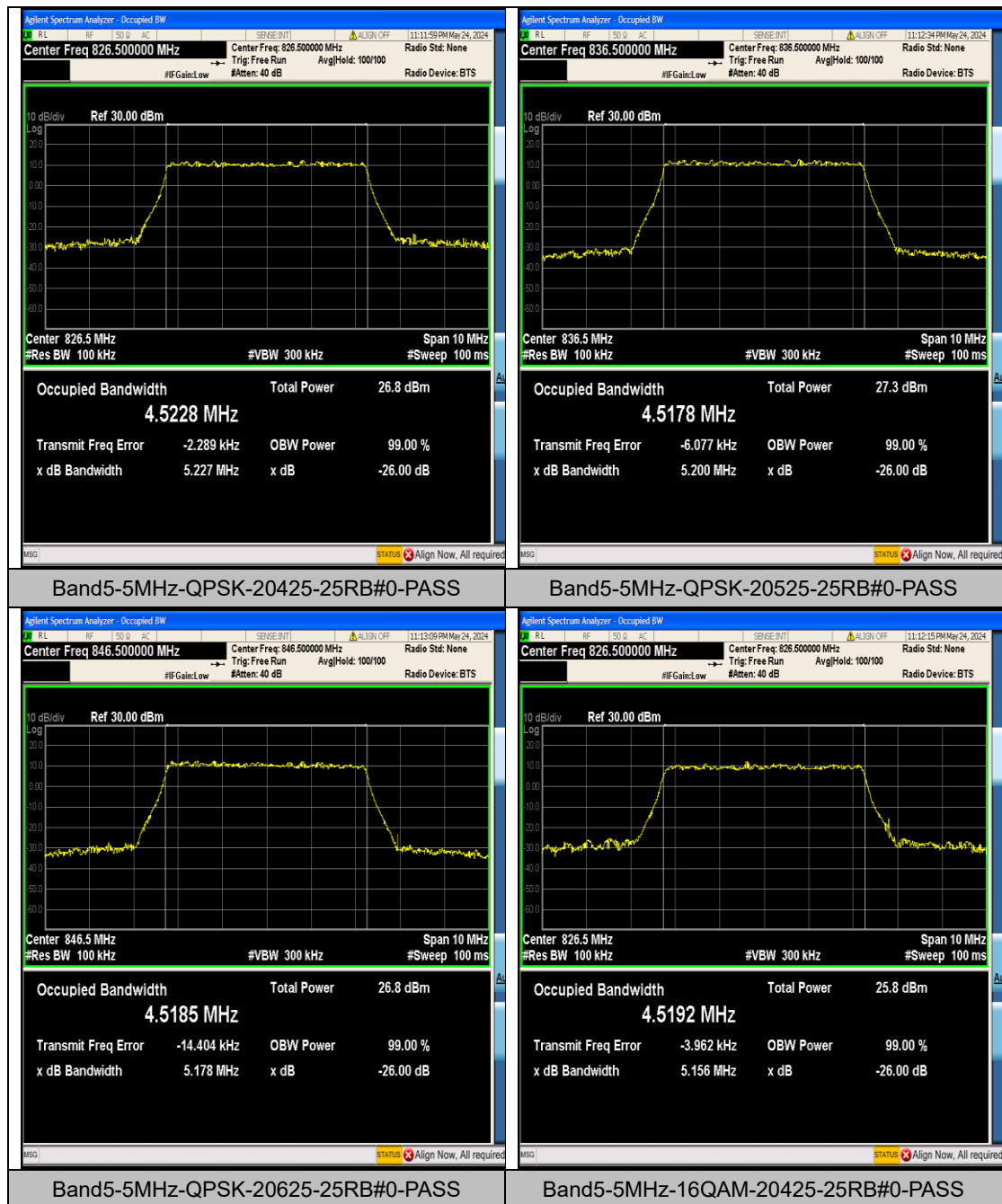
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0903	1.296	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.277	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0941	1.299	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0951	1.315	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0982	1.313	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0999	1.312	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6838	2.900	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6837	2.891	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6856	2.907	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6785	2.885	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6786	2.875	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6792	2.887	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5228	5.227	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5178	5.200	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5185	5.178	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5192	5.156	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5181	5.115	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5164	5.114	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0141	10.12	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0110	10.19	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9893	10.40	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9867	10.08	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0019	10.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9927	10.07	PASS

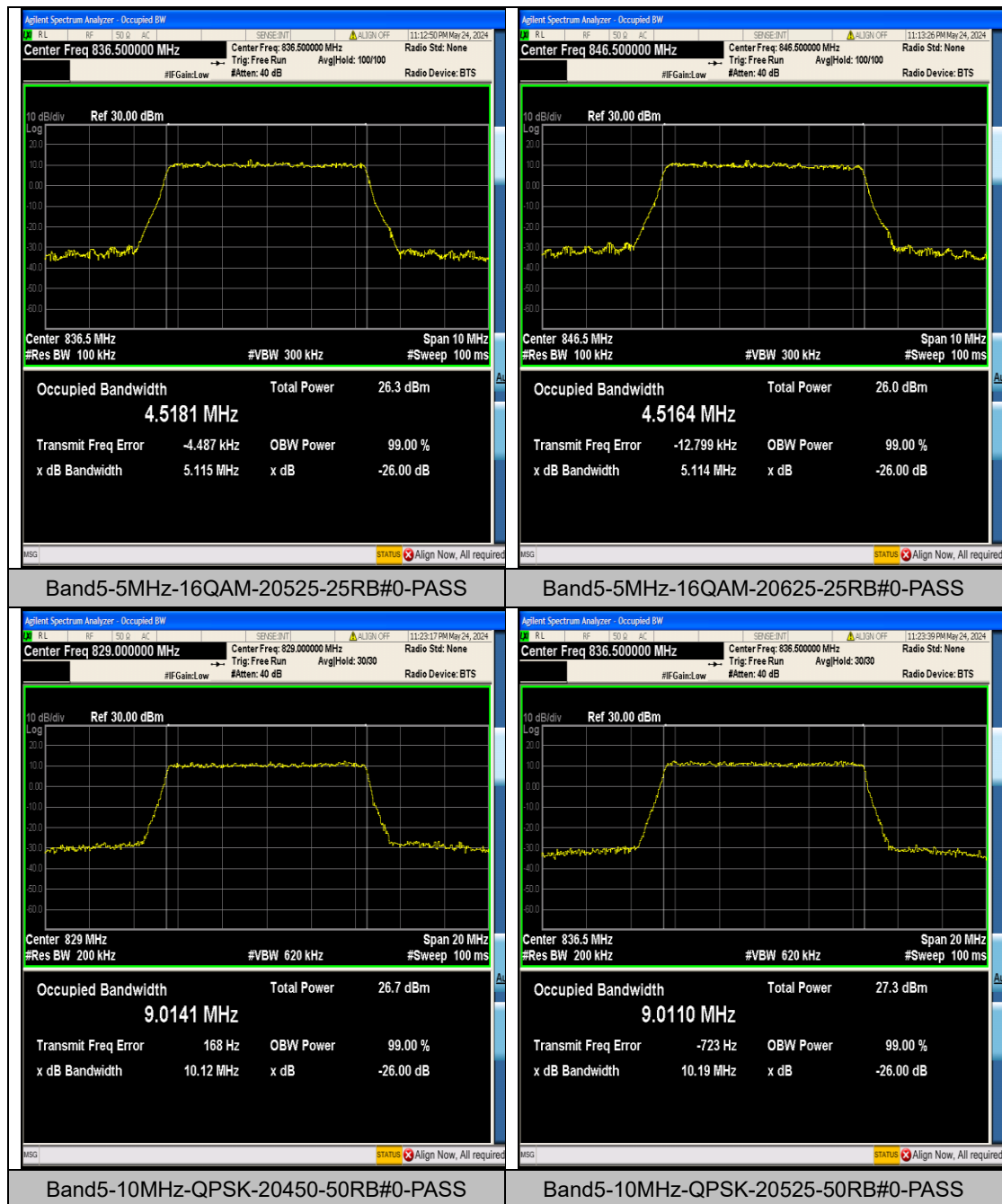
Test Graphs

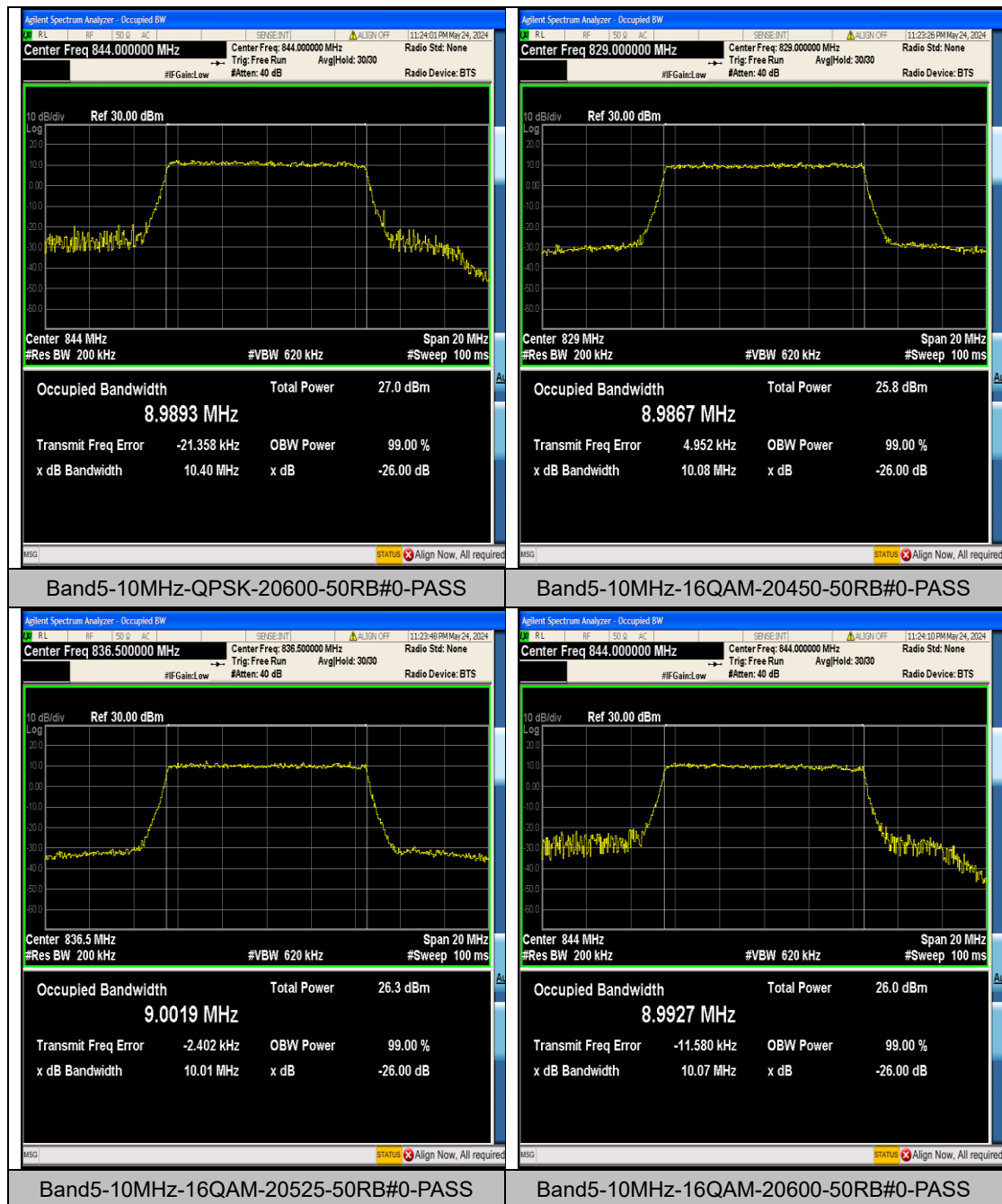










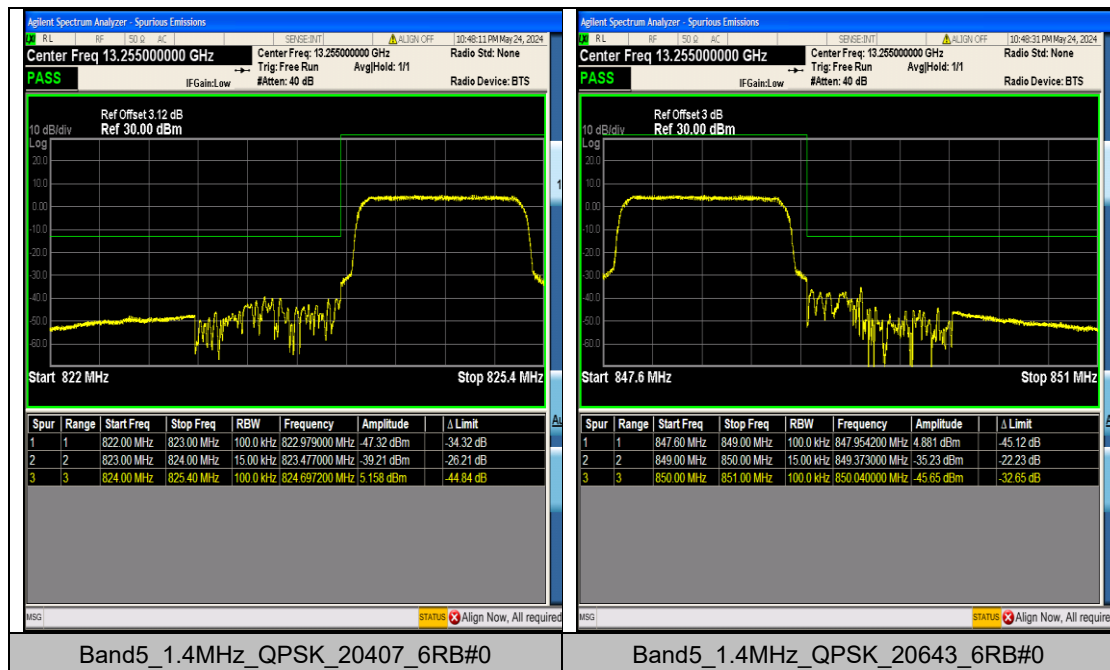


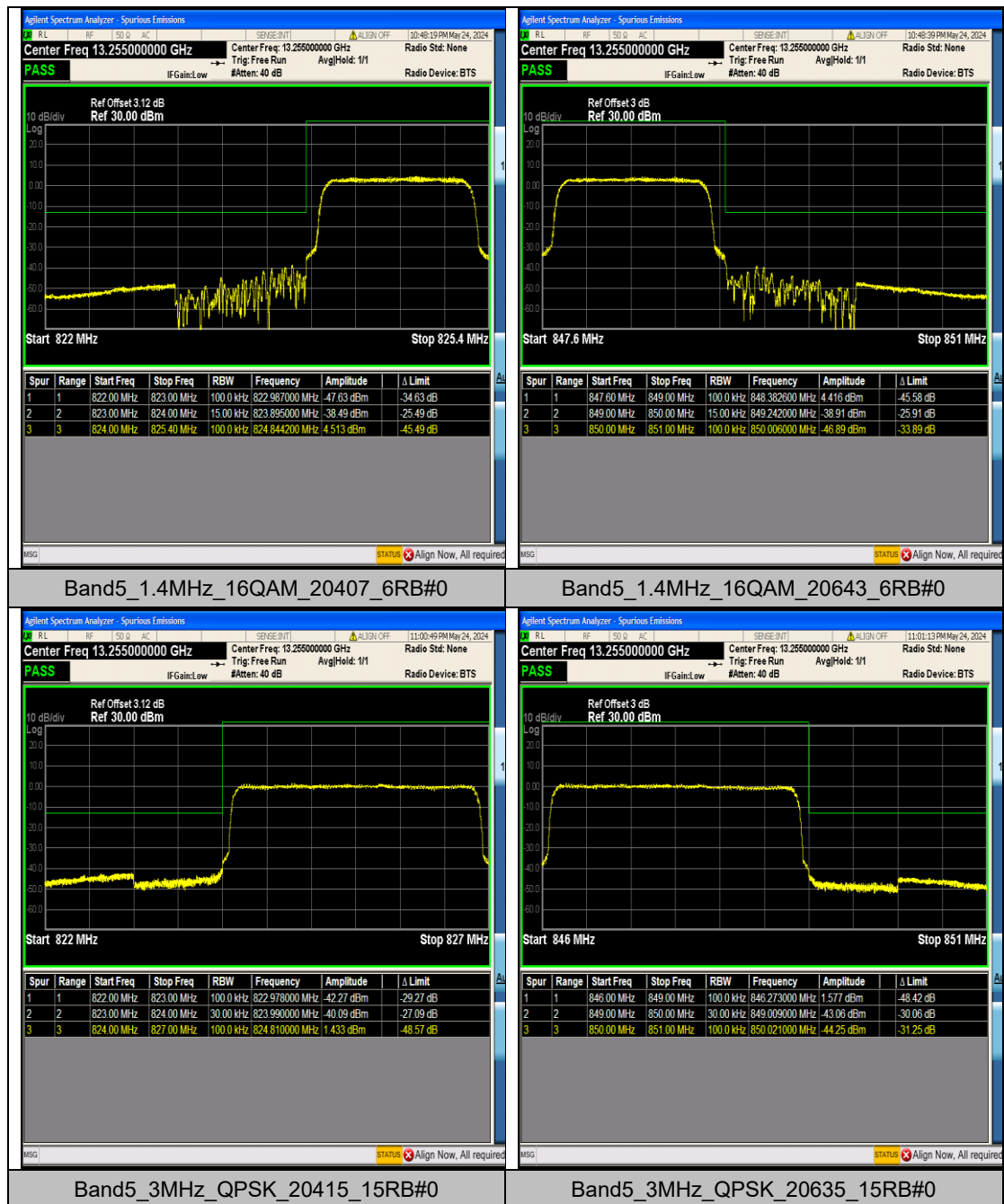
Appendix D: Band Edge

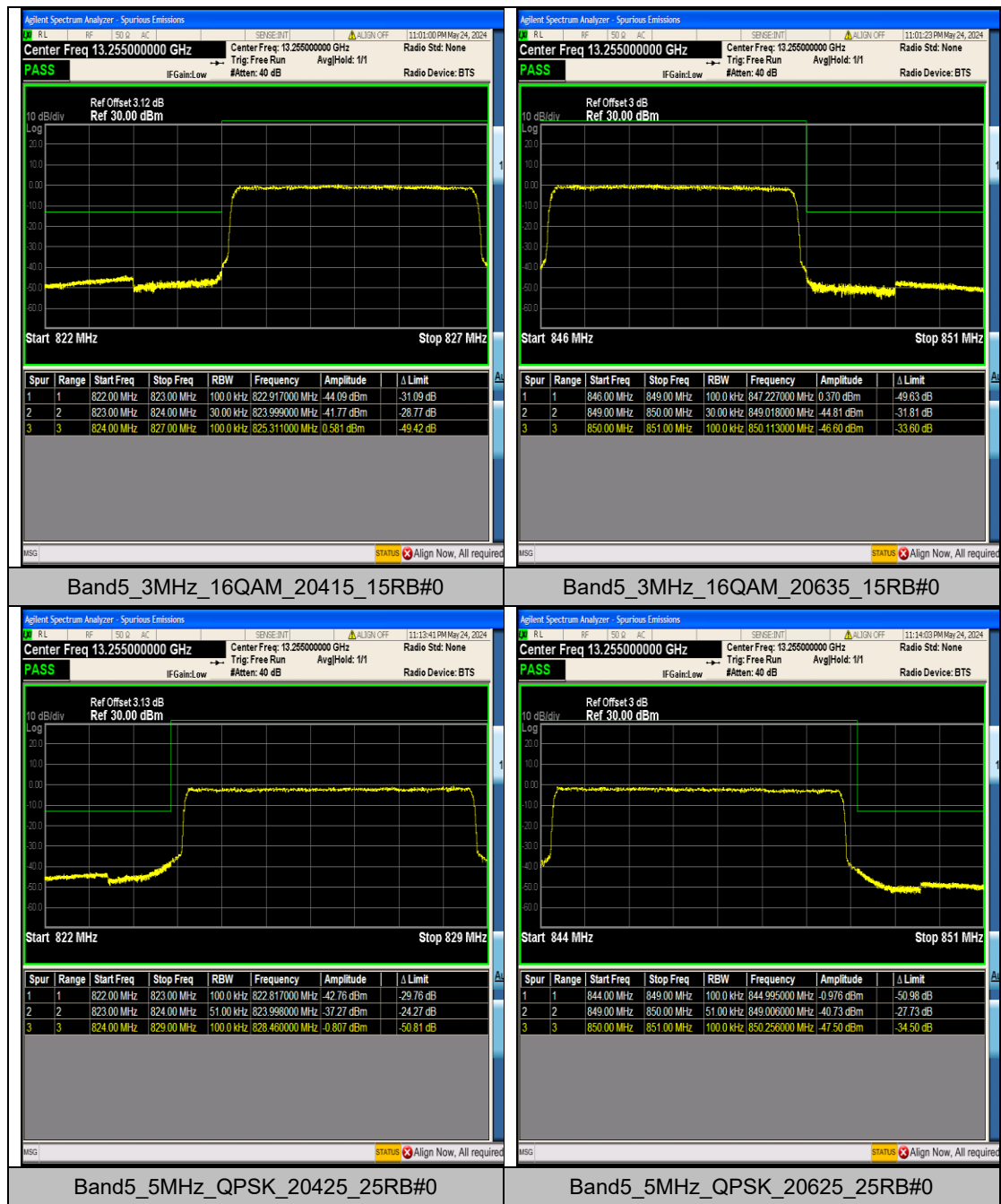
Test Result

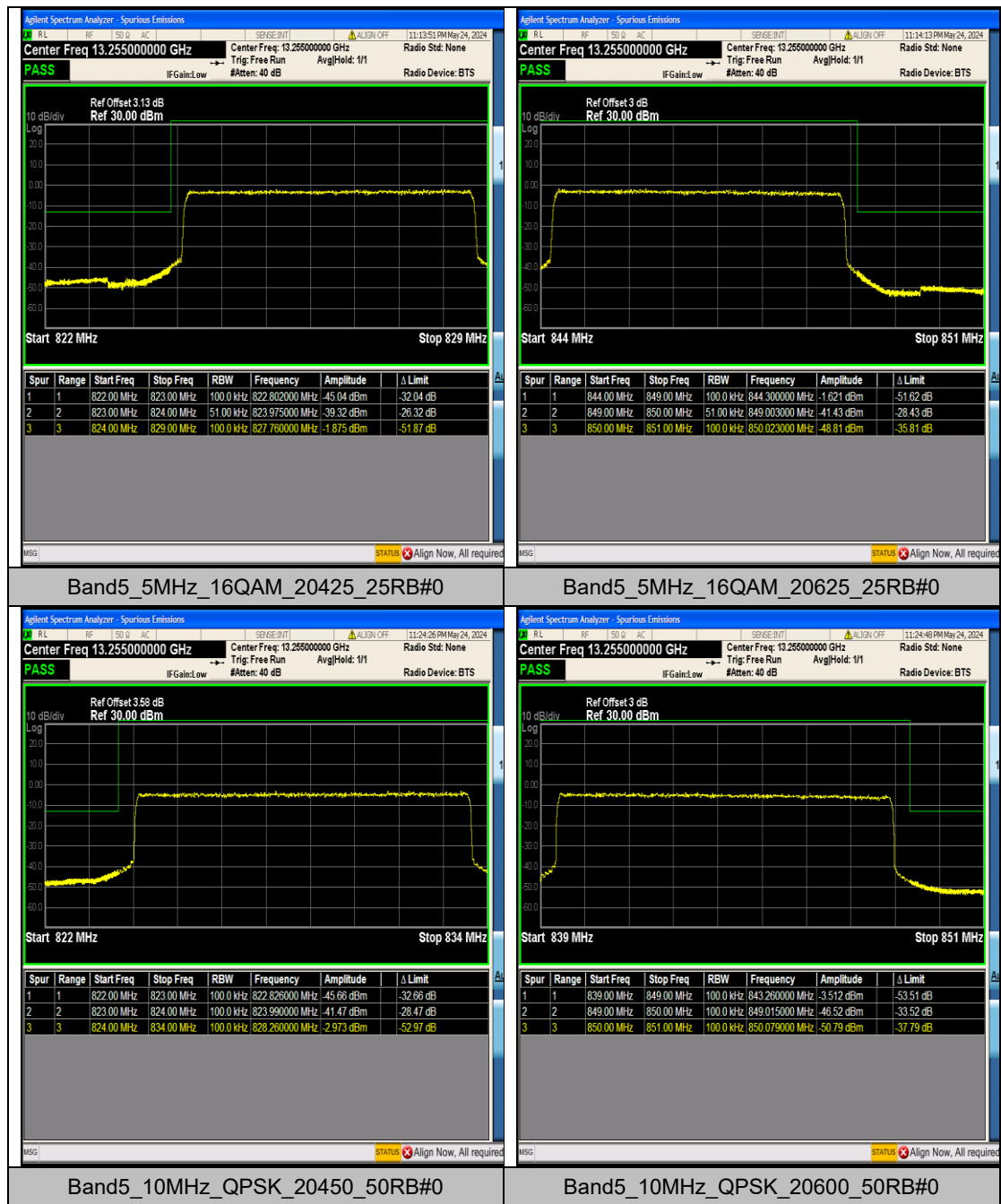
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-39.21	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-35.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-38.49	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-38.91	PASS
Band5	3MHz	QPSK	20415	15RB#0	-40.09	PASS
Band5	3MHz	QPSK	20635	15RB#0	-43.06	PASS
Band5	3MHz	16QAM	20415	15RB#0	-41.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	-44.81	PASS
Band5	5MHz	QPSK	20425	25RB#0	-37.27	PASS
Band5	5MHz	QPSK	20625	25RB#0	-40.73	PASS
Band5	5MHz	16QAM	20425	25RB#0	-39.32	PASS
Band5	5MHz	16QAM	20625	25RB#0	-41.43	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.47	PASS
Band5	10MHz	QPSK	20600	50RB#0	-46.52	PASS
Band5	10MHz	16QAM	20450	50RB#0	-43.80	PASS
Band5	10MHz	16QAM	20600	50RB#0	-46.81	PASS

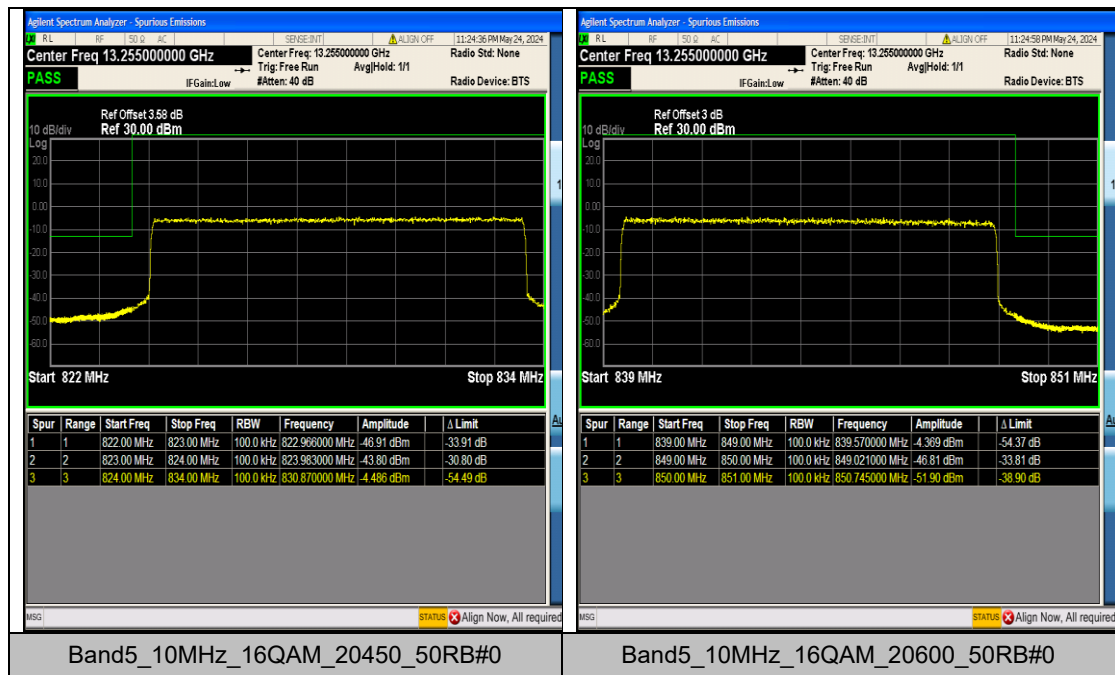
Test Graphs











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	-48.26	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-58.94	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-54.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-50.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.16	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-46.67	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-57.17	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-54.82	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-50.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-49.73	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-46.83	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-60.17	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-51.53	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-51.35	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-49.81	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-45.78	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-58.53	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-55.21	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-51.44	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-49.72	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-48.53	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-57.85	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-56.27	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-51.86	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-49.68	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-49.36	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-59.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-52.53	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-52.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-49.81	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-48.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-58.78	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-56.84	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.67	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.74	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-46.93	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-57.85	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-57.71	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-50.07	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-46.18	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-57.43	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-55.83	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.59	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-50.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-49.87	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-60.39	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-58.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.44	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-49.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-49.06	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-58.55	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-57.57	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-49.55	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-48.20	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-57.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-55.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.69	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-49.68	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-48.29	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-58.70	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-52.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-51.97	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-50.07	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-45.84	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-57.60	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-60.05	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.52	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-49.61	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-47.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-60.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-57.53	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.44	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-49.62	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-49.58	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-59.99	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-55.81	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.47	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-49.93	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-47.33	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-59.85	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-59.91	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.61	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-49.95	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-50.44	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-57.19	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-59.37	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-49.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-50.12	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-60.25	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-66.29	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.54	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-49.84	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-49.61	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-57.00	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-62.24	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.85	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-50.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-49.54	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-56.65	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-60.66	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-50.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-49.38	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-56.79	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-66.61	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-52.48	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-50.13	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-49.79	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-59.80	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-63.68	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.33	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-49.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-47.33	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-58.13	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-60.75	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.65	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-49.85	PASS

Test Graphs

