

FCC LTE Band Test Data

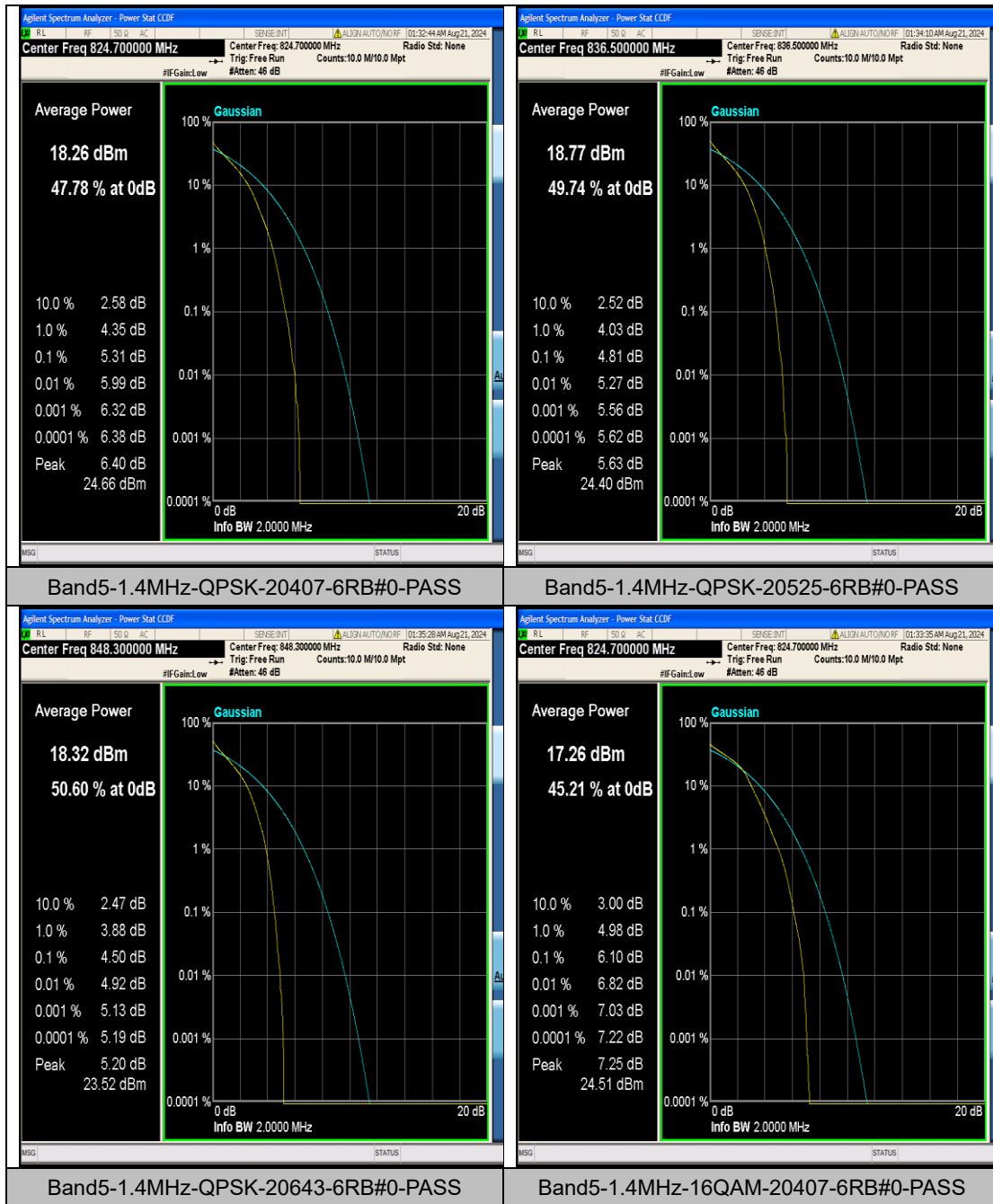
FCC ID : 2BKLE-ORION
Company: : Versa World Inc.
EUT : Body Worn Camera
Model Number : Orion
Reviewed By : Eric Wang

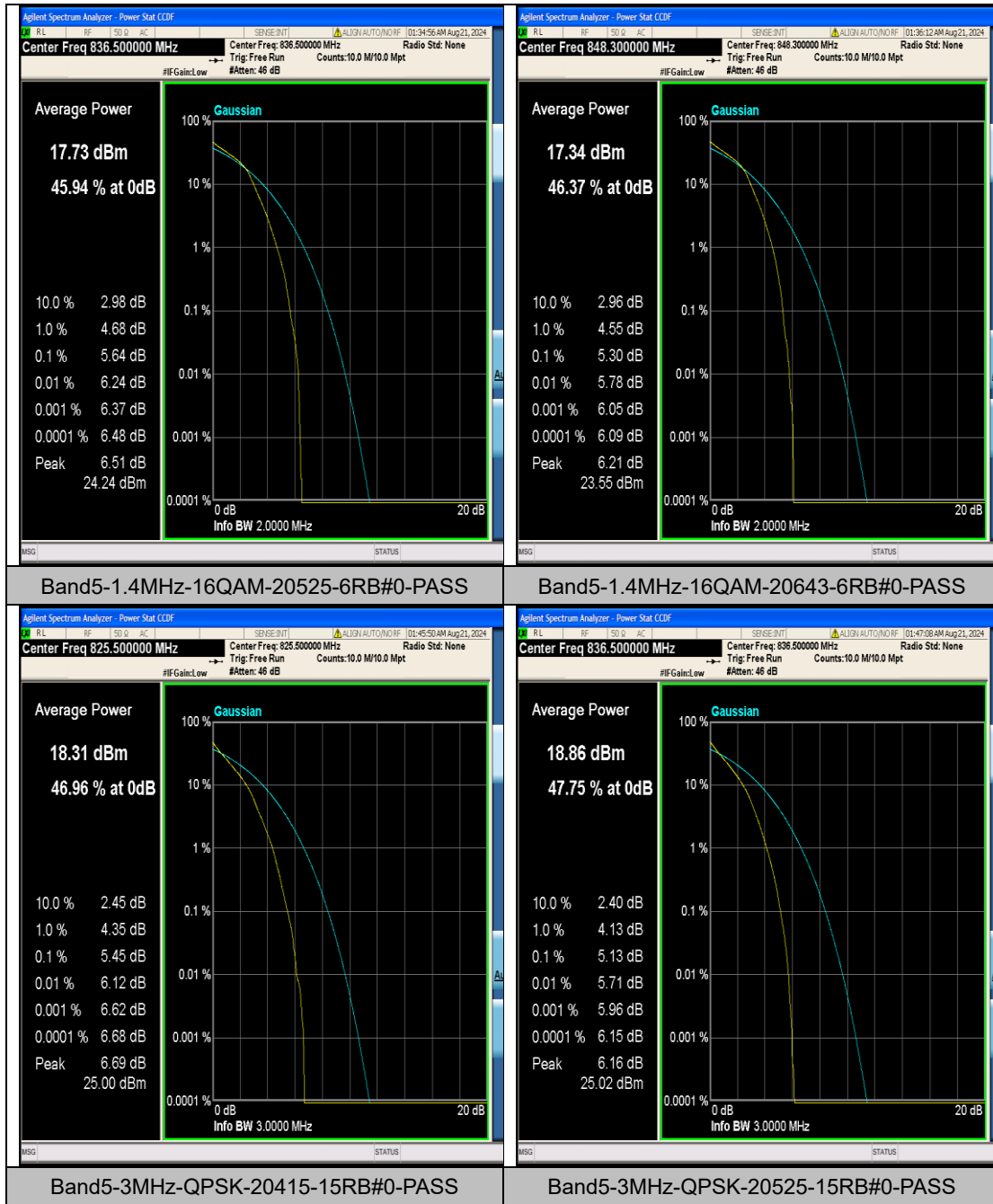
Appendix B: Peak-to-Average Ratio(CCDF)

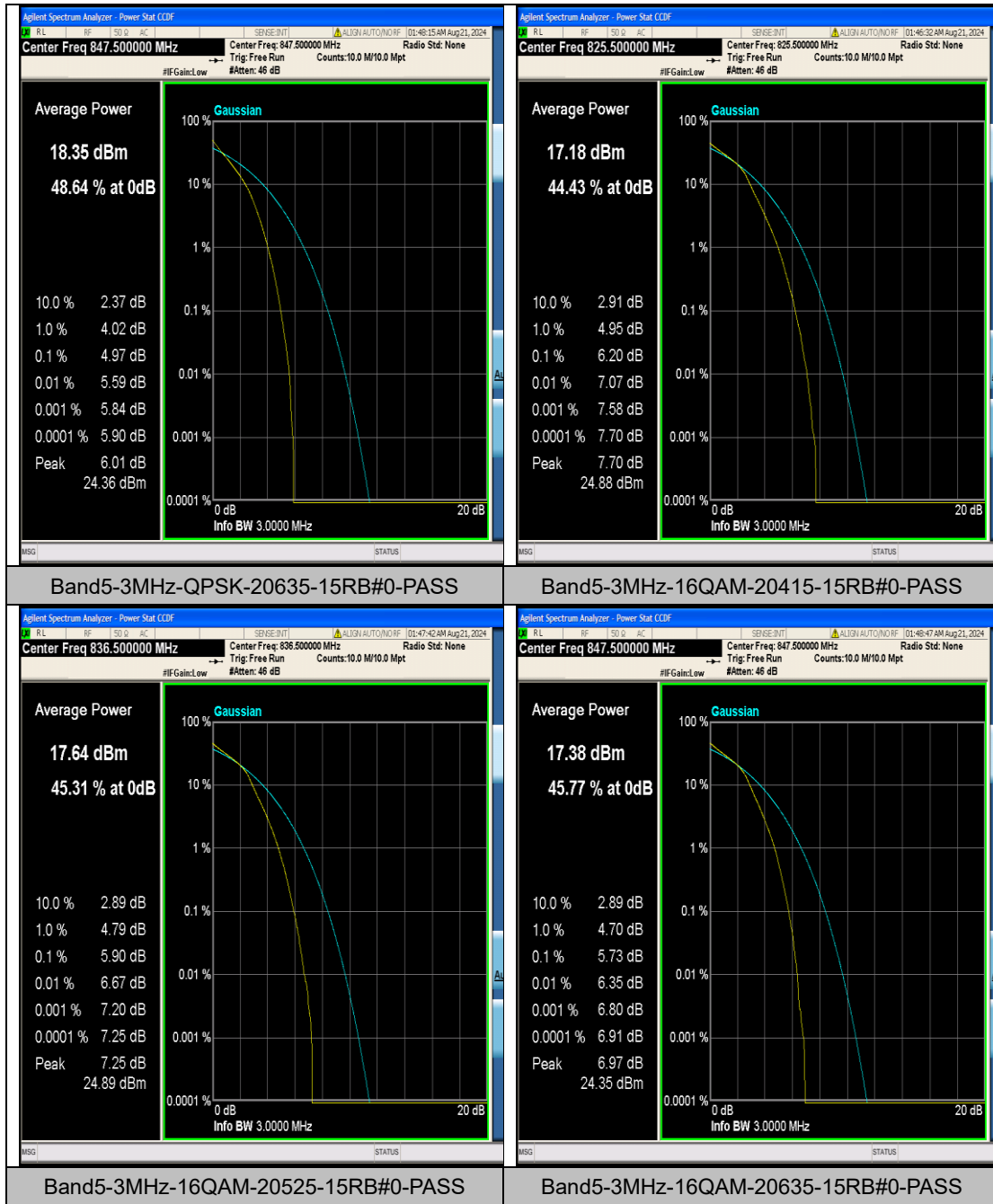
Test Result

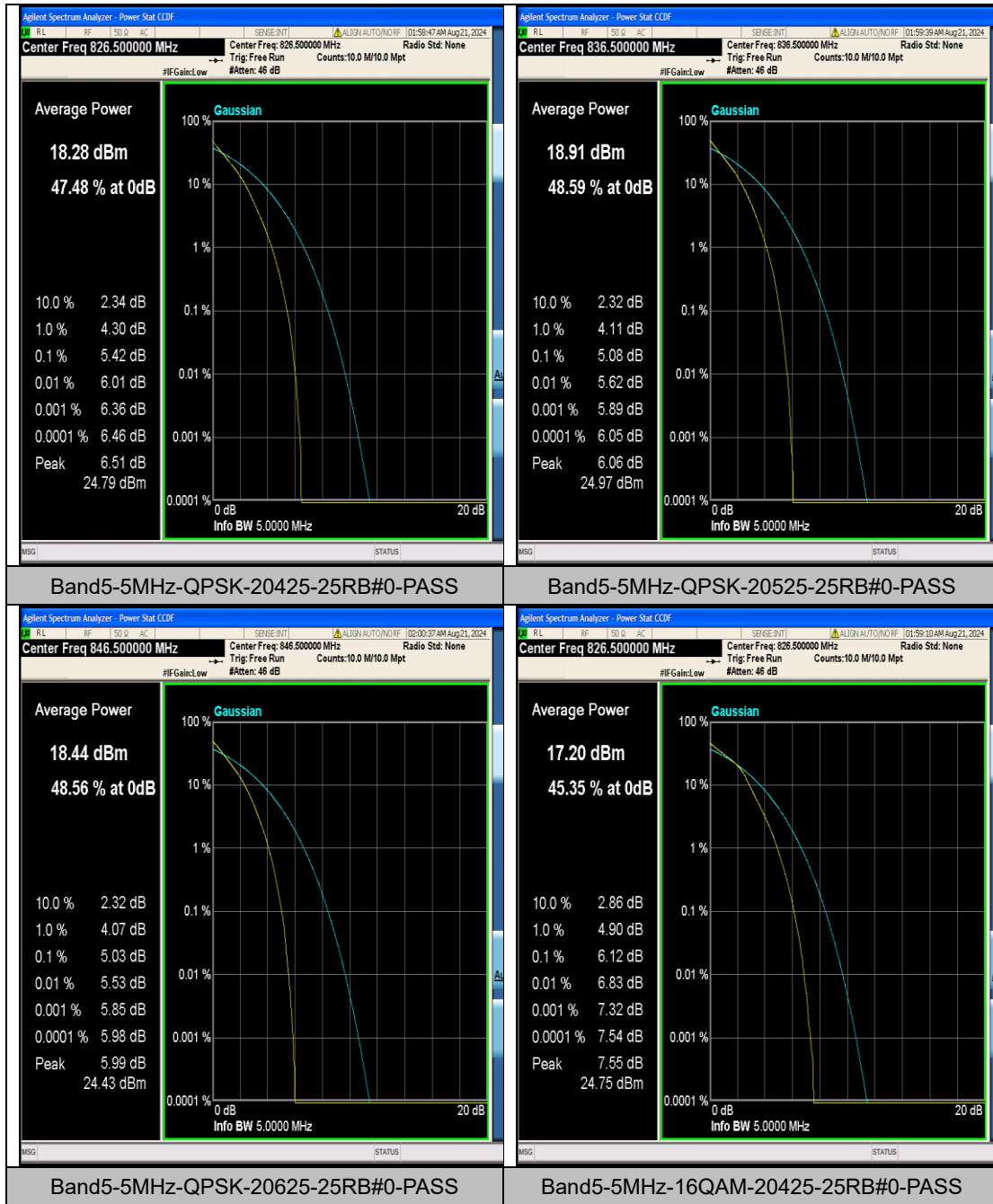
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.31	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.81	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.50	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.10	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.64	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.45	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.97	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.90	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.73	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.08	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.73	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.67	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.24	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.01	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.02	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.03	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.76	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.85	13	PASS

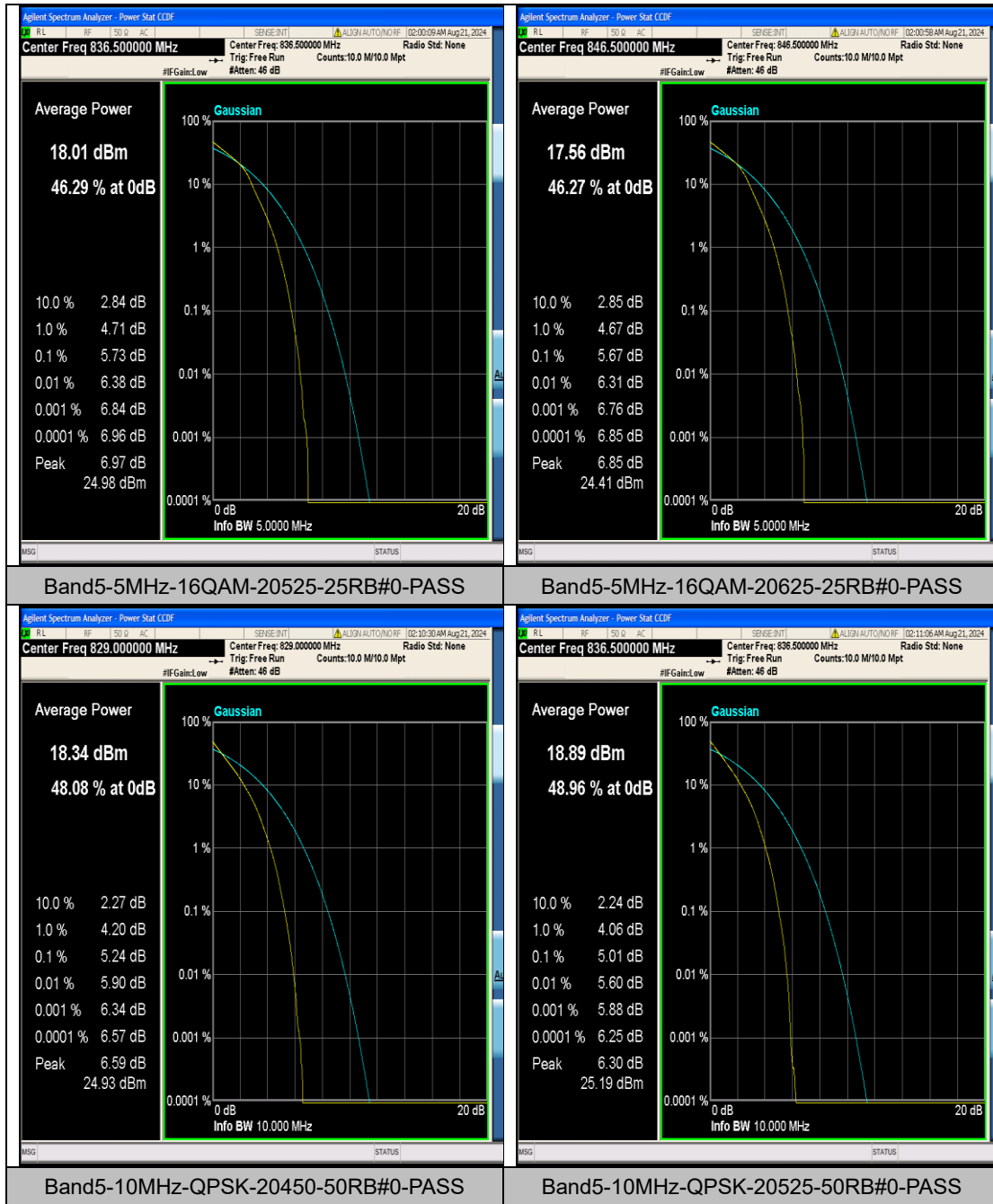
Test Graphs

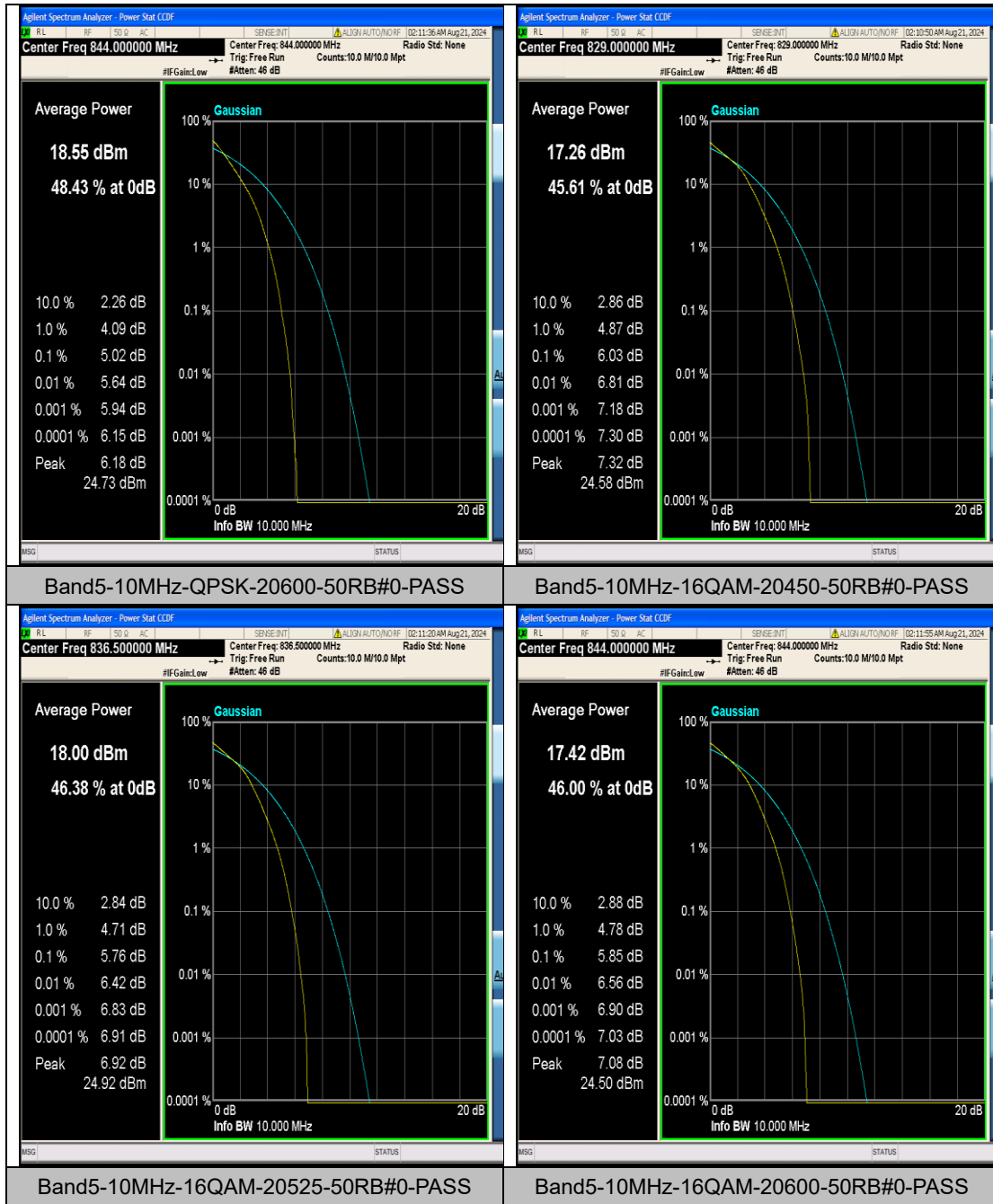










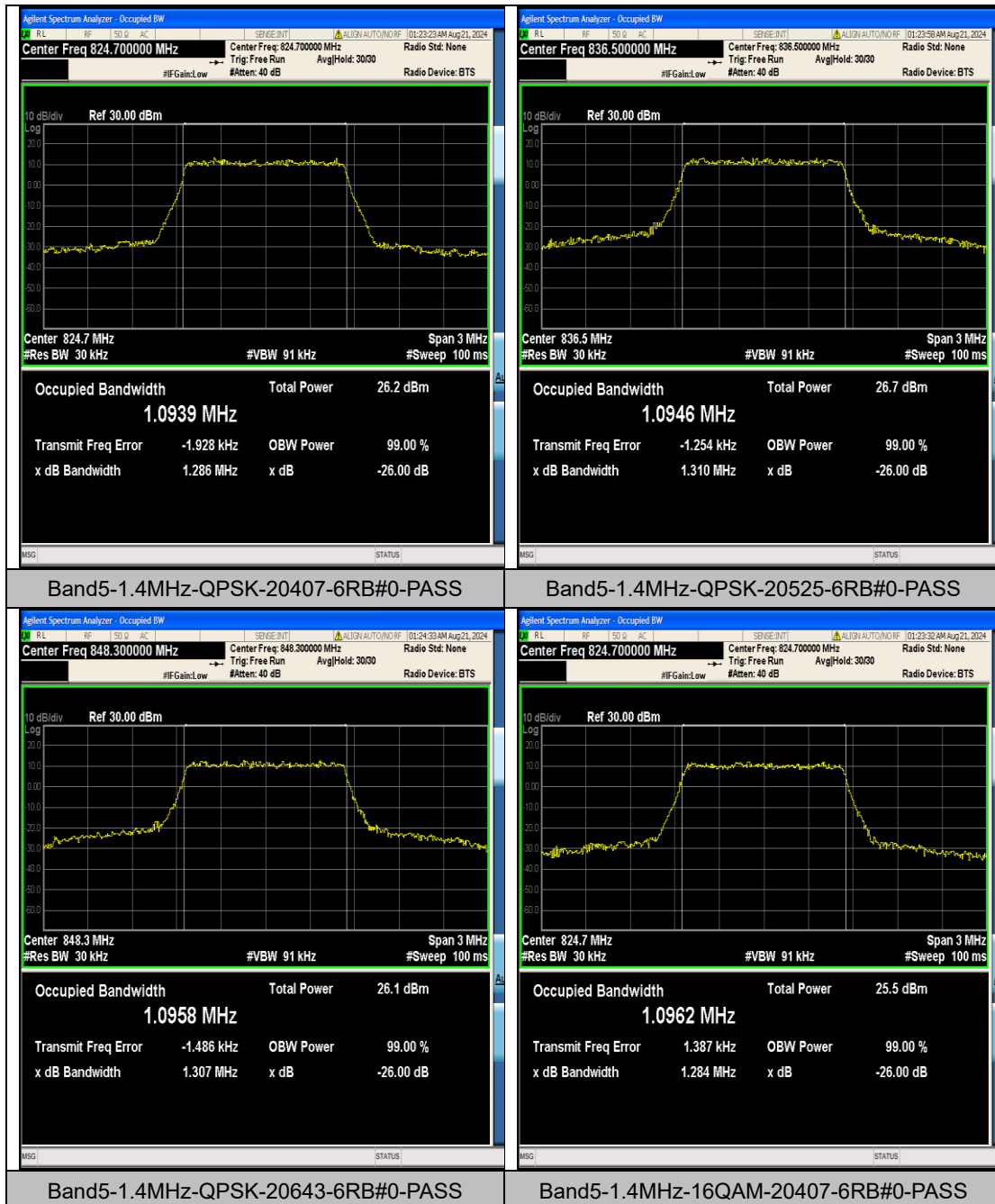


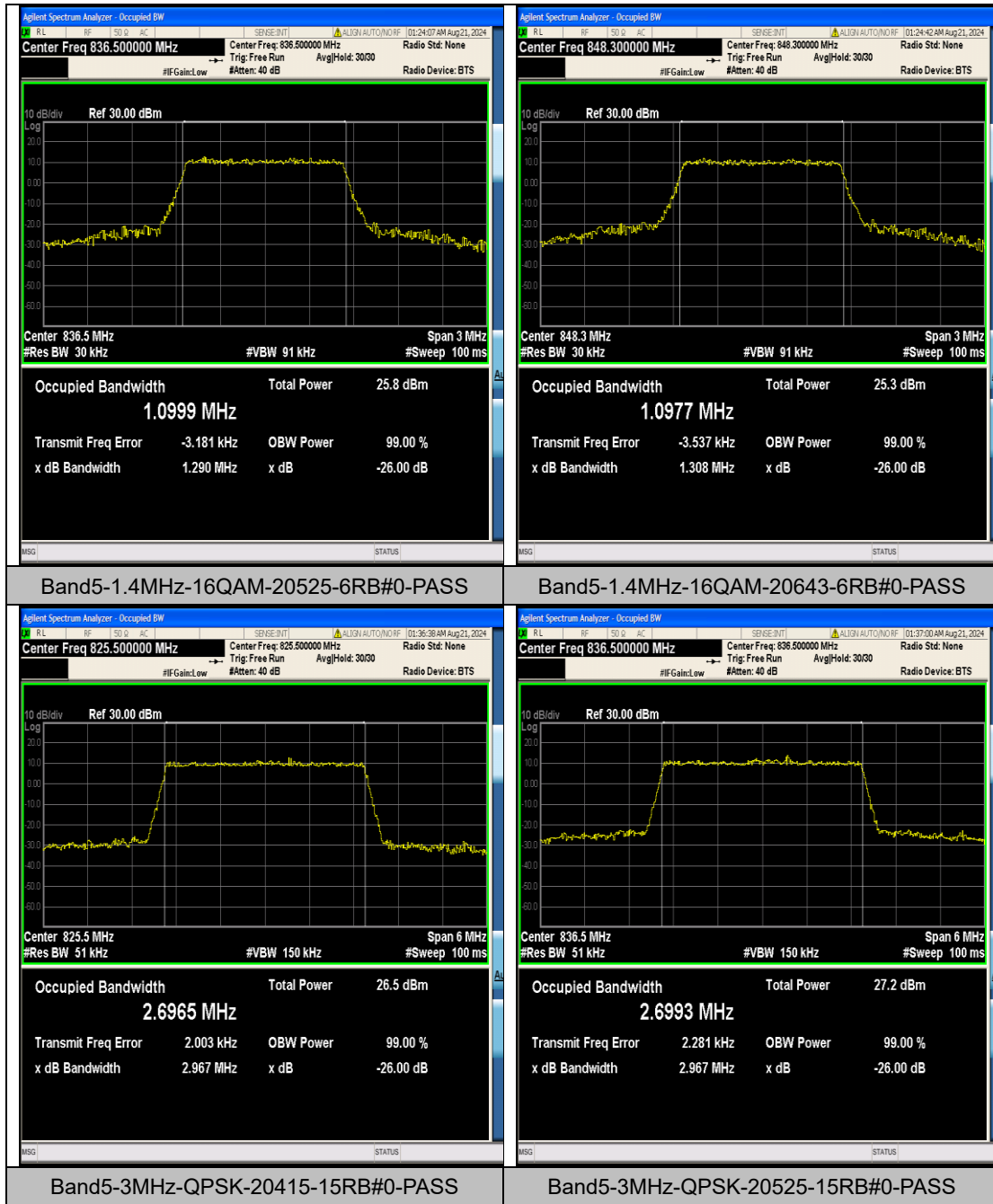
Appendix C: 26dB Bandwidth and Occupied Bandwidth

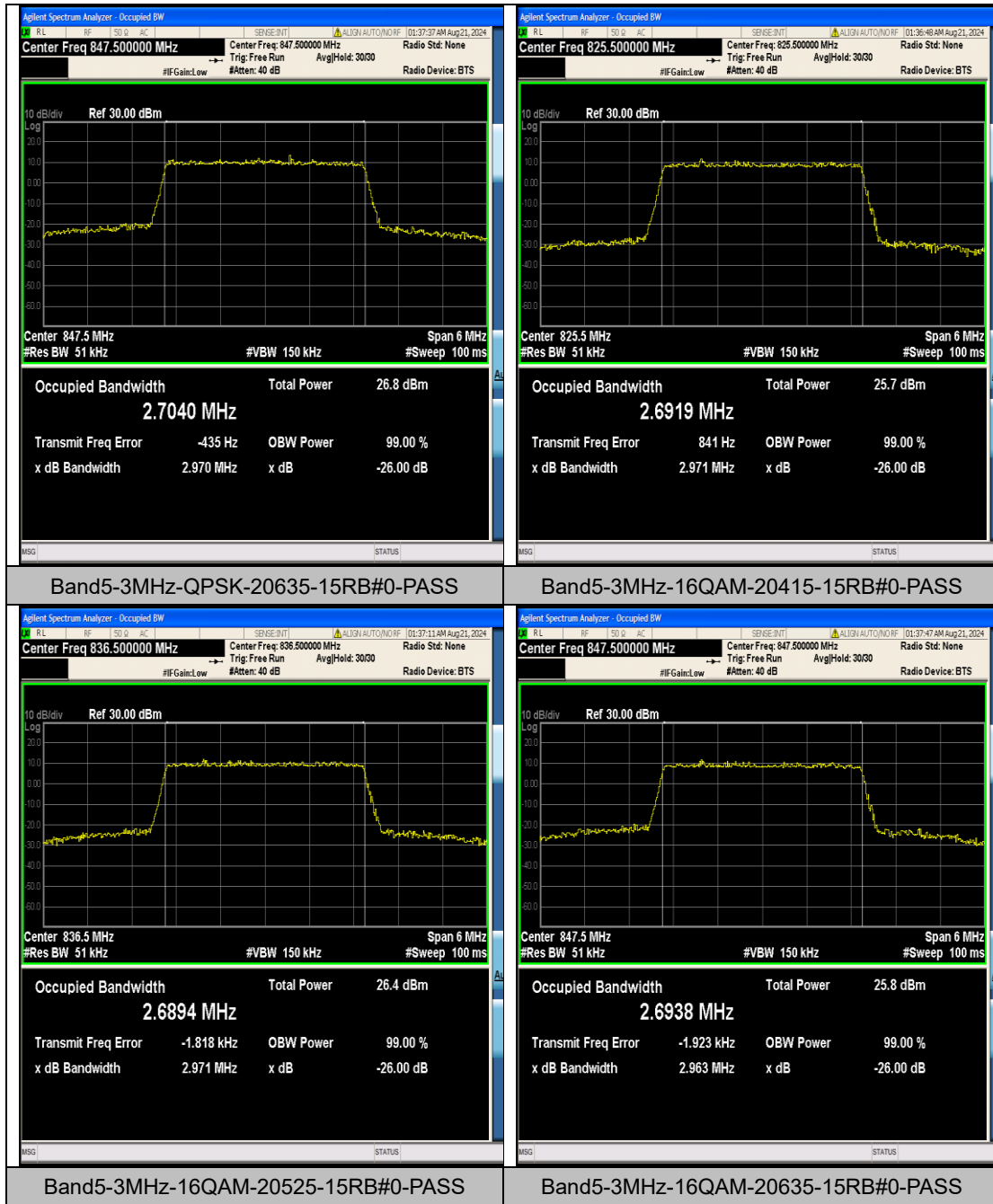
Test Result

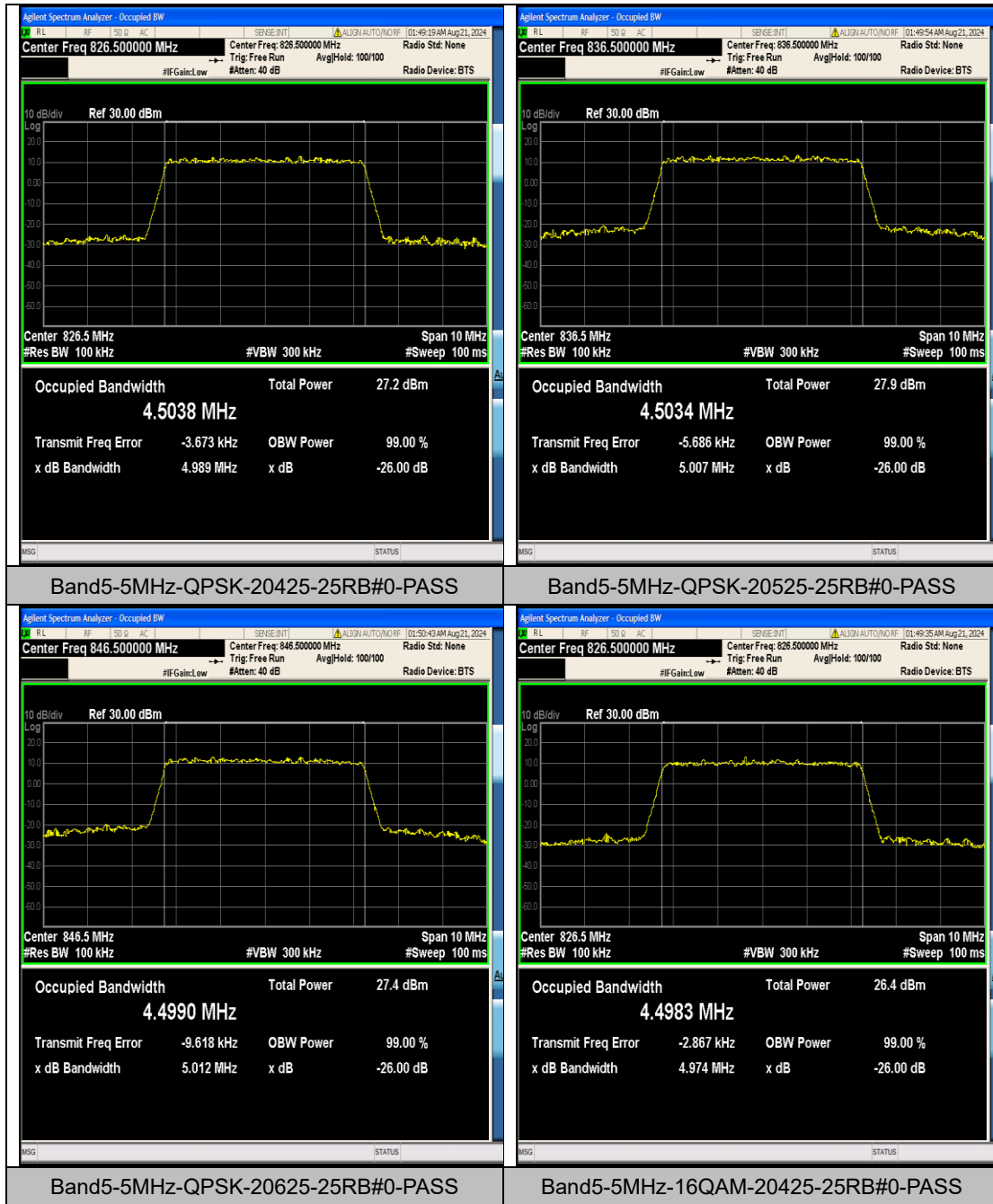
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0939	1.286	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0946	1.310	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0958	1.307	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0962	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0999	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0977	1.308	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6965	2.967	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6993	2.967	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7040	2.970	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6919	2.971	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6894	2.971	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6938	2.963	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5038	4.989	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5034	5.007	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4990	5.012	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4983	4.974	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4979	4.961	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4948	4.974	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9823	9.957	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9540	9.913	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9716	9.909	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9753	9.868	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9602	9.832	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9727	9.841	PASS

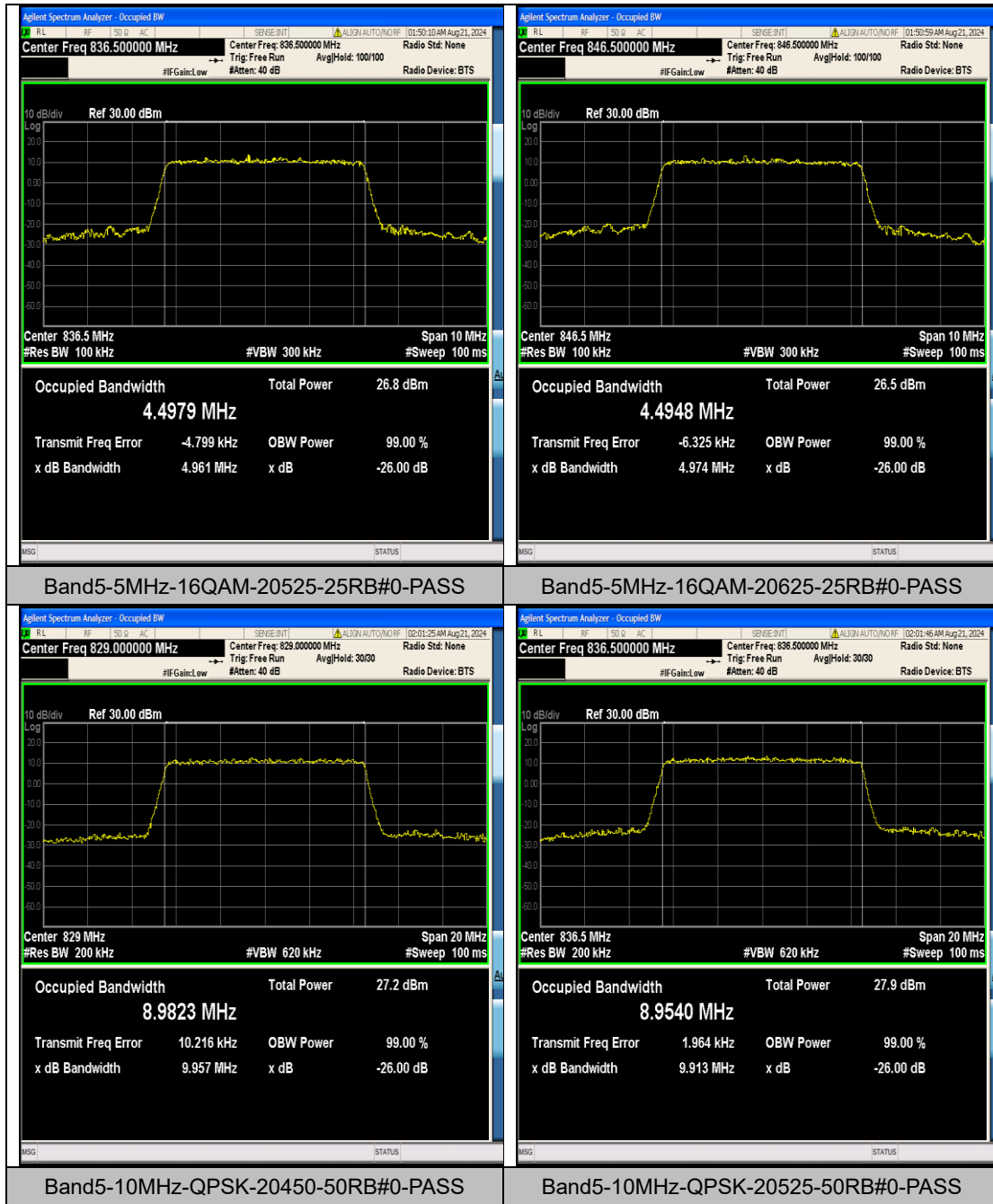
Test Graphs

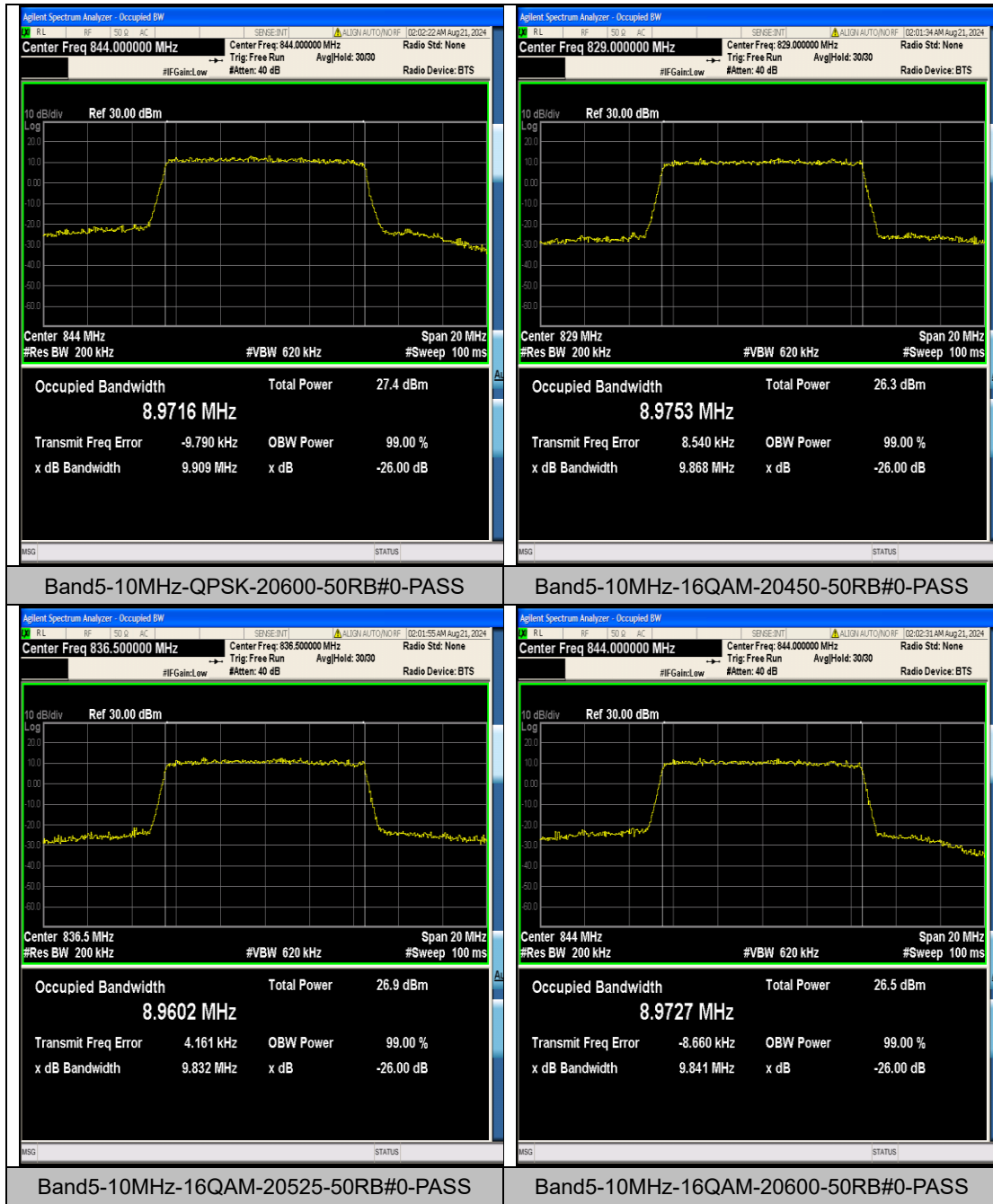










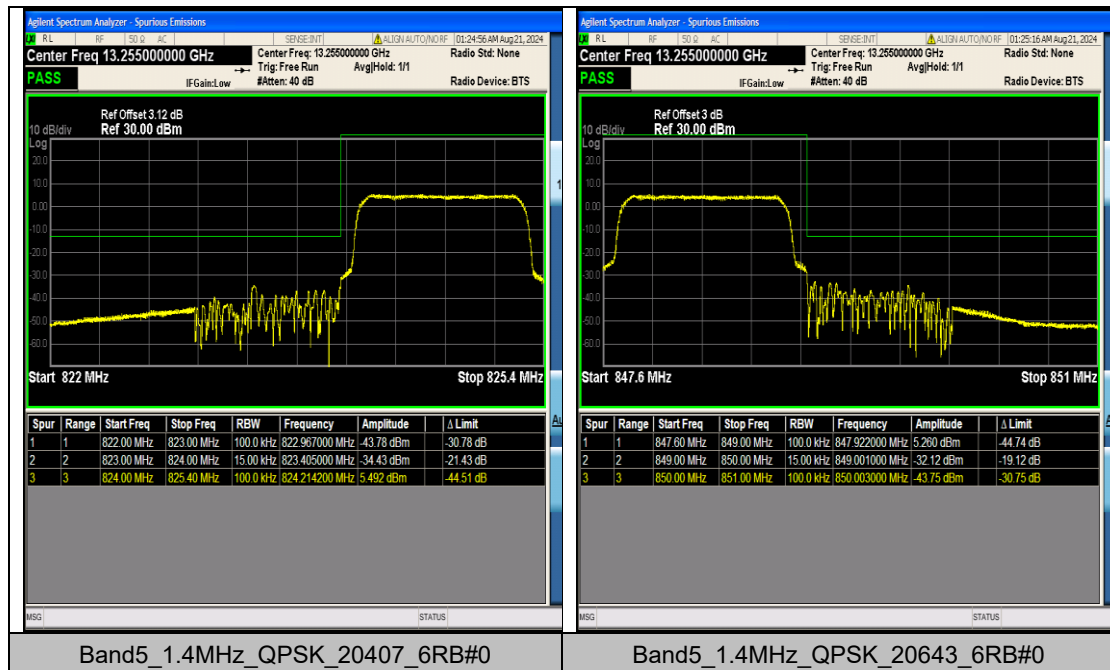


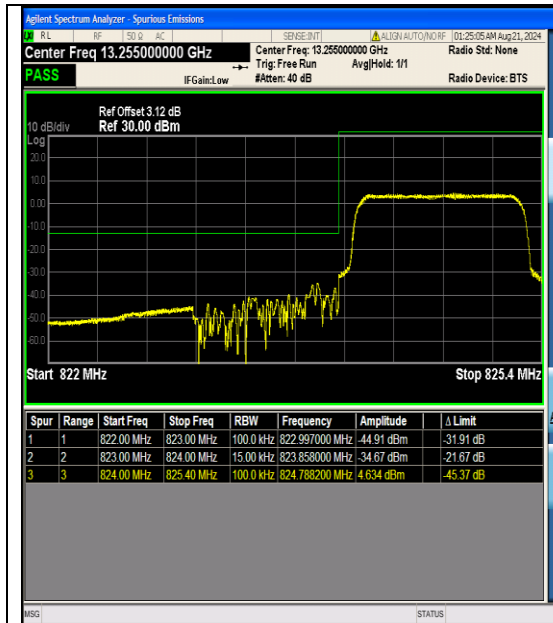
Appendix D: Band Edge

Test Result

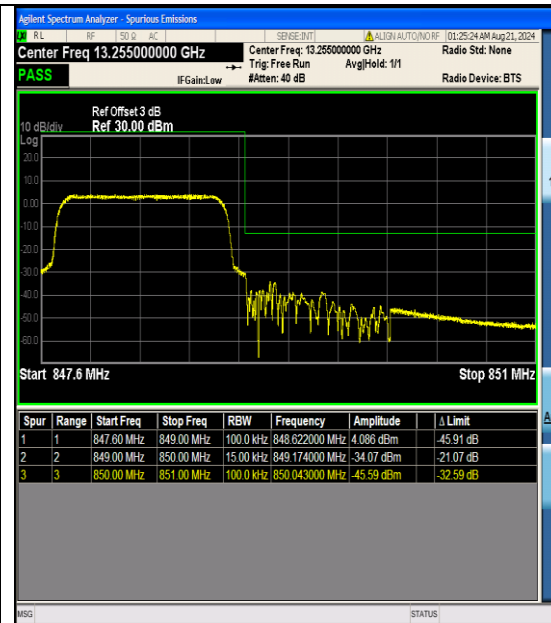
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-34.43	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-32.12	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.67	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-34.07	PASS
Band5	3MHz	QPSK	20415	15RB#0	-35.54	PASS
Band5	3MHz	QPSK	20635	15RB#0	-33.98	PASS
Band5	3MHz	16QAM	20415	15RB#0	-37.06	PASS
Band5	3MHz	16QAM	20635	15RB#0	-36.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	-37.04	PASS
Band5	5MHz	QPSK	20625	25RB#0	-36.13	PASS
Band5	5MHz	16QAM	20425	25RB#0	-38.52	PASS
Band5	5MHz	16QAM	20625	25RB#0	-37.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.23	PASS
Band5	10MHz	QPSK	20600	50RB#0	-39.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	-40.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	-41.92	PASS

Test Graphs

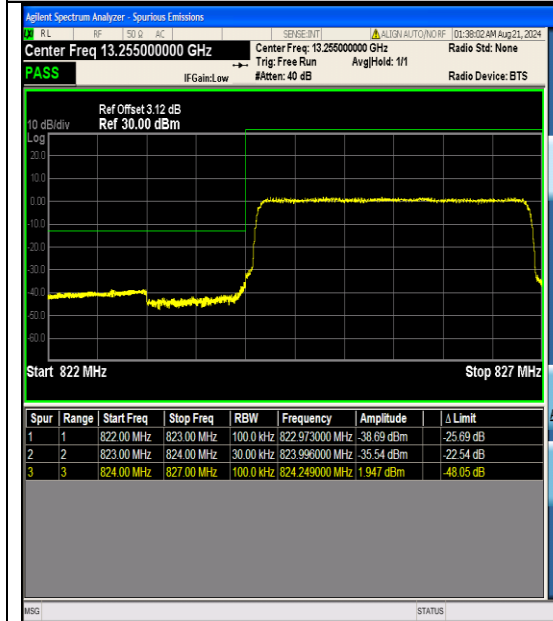




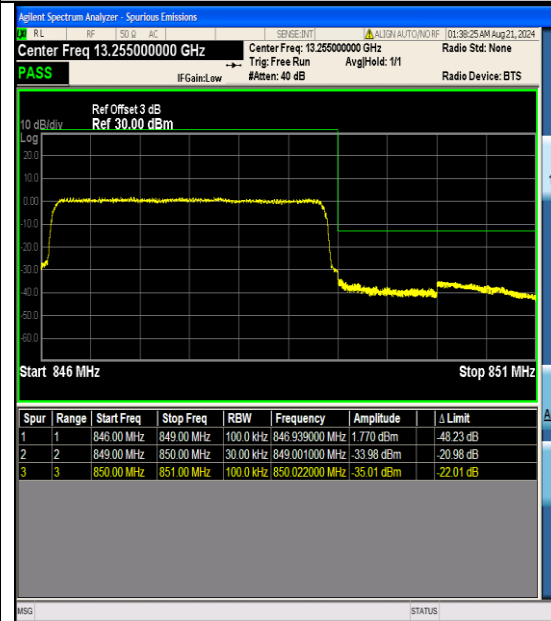
Band5_1.4MHz_16QAM_20407_6RB#0



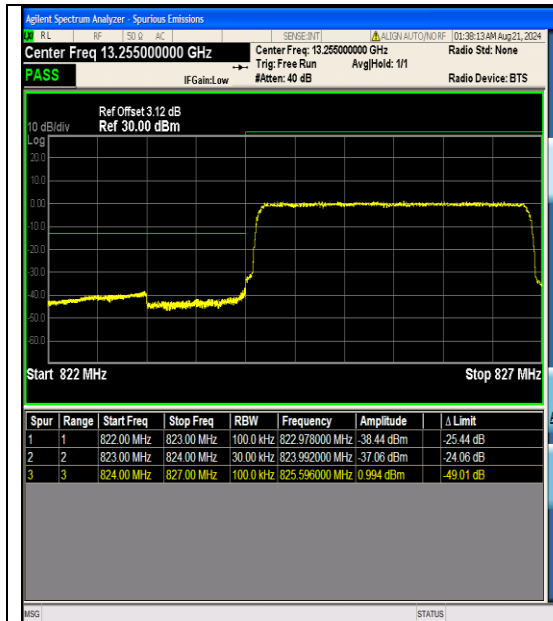
Band5_1.4MHz_16QAM_20643_6RB#0



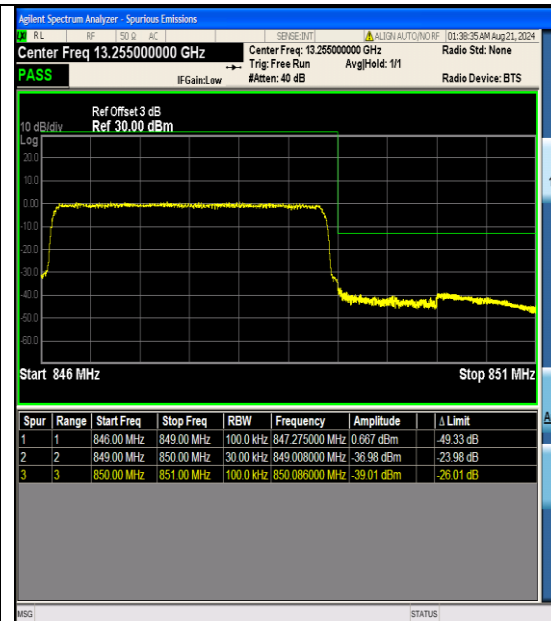
Band5_3MHz_QPSK_20415_15RB#0



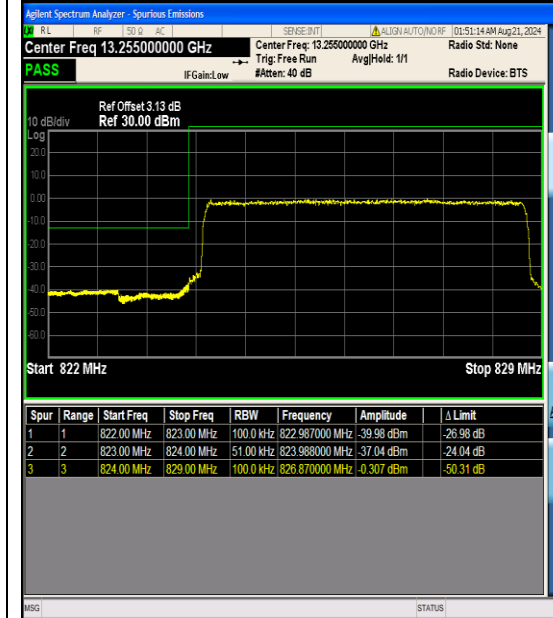
Band5_3MHz_QPSK_20635_15RB#0



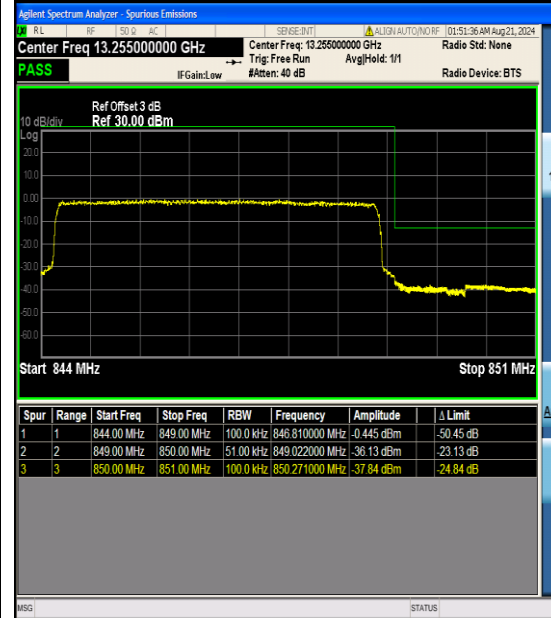
Band5_3MHz_16QAM_20415_15RB#0



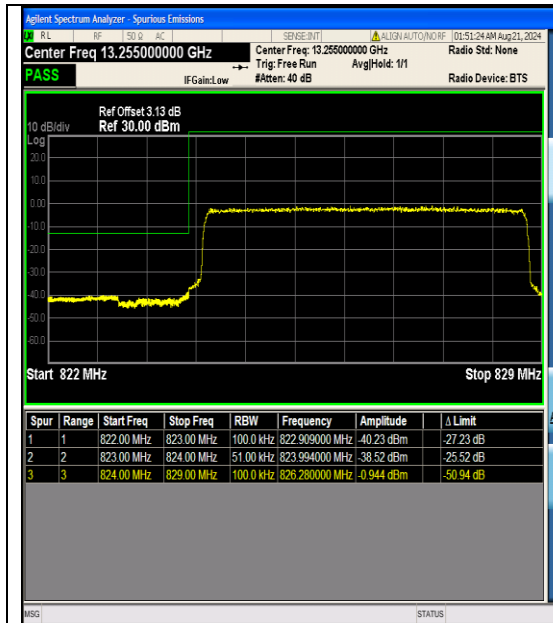
Band5_3MHz_16QAM_20635_15RB#0



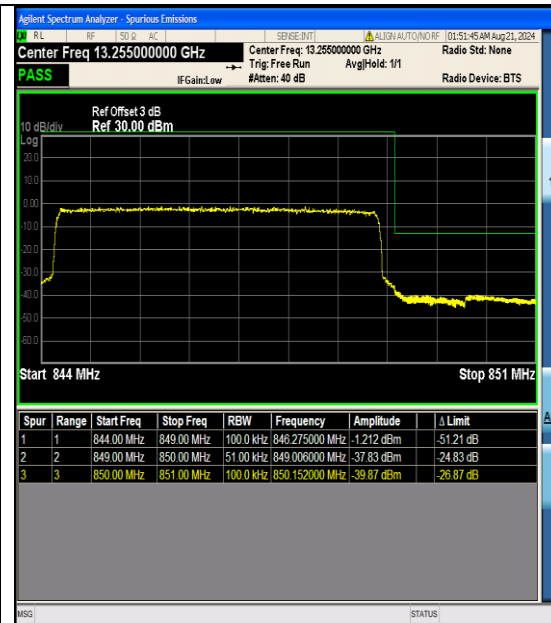
Band5_5MHz_QPSK_20425_25RB#0



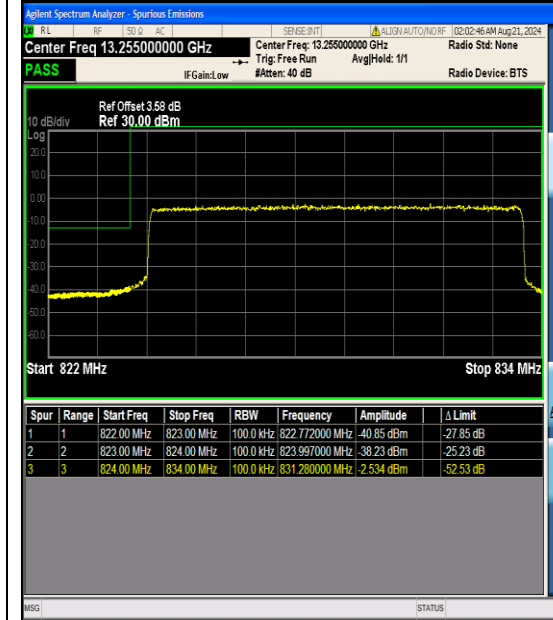
Band5_5MHz_QPSK_20625_25RB#0



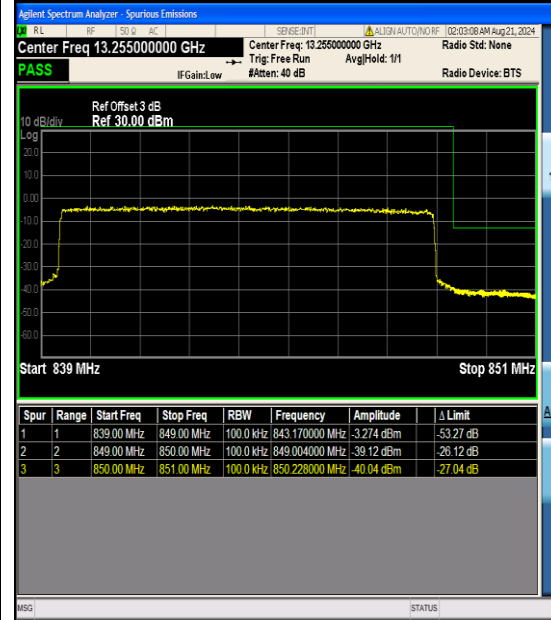
Band5_5MHz_16QAM_20425_25RB#0



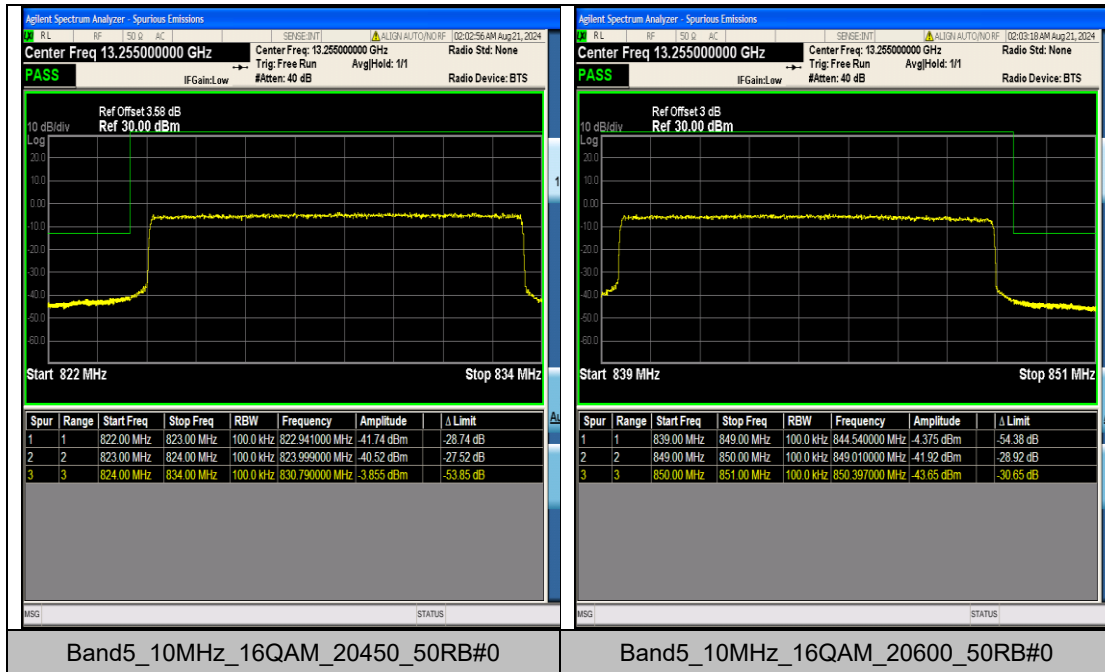
Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



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	-49.17	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-60.21	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-52.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-49.46	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-47.28	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-58.88	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-55.30	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-50.37	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-49.85	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-49.25	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-59.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-51.11	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-50.32	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-49.72	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-46.55	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-59.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-53.84	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-50.76	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-49.94	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-48.20	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-60.36	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-57.06	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-50.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-49.84	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-48.76	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-57.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-52.72	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-51.63	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-50.14	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-49.58	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-60.07	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-53.16	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-51.84	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.65	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-48.12	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-58.91	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-53.97	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-51.69	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-50.23	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-50.59	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-59.84	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-51.86	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.11	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-49.97	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-44.91	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-59.11	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-55.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.29	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-49.67	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-48.56	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-59.10	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-57.20	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.42	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-49.96	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-45.52	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-55.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-55.82	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.27	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-49.13	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-45.15	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-57.05	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-54.76	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-51.91	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-50.03	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-49.13	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-57.84	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-56.20	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-51.96	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-50.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-48.99	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-58.51	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-55.35	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-49.85	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-48.98	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-57.29	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-57.56	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.07	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-50.07	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-49.54	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-58.55	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-57.33	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-51.94	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-49.64	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-46.23	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-57.24	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-57.56	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.10	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-50.26	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-45.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-59.22	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-64.10	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.46	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-49.85	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-46.28	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-60.96	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-59.29	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-51.90	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-49.85	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-46.44	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-59.14	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-58.41	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.17	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-49.99	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-45.46	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-56.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-65.63	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-51.57	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-49.82	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-51.17	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-58.42	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-61.80	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.32	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-49.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-49.30	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-58.74	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-60.91	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-50.10	PASS

Test Graphs

