

FCC Appendix RF Test Data for LTE Band 5

FCC ID : 2BRHB-M8

Company : Shenzhen SelectCam Technology Co., Ltd.

EUT : MDVR

Model Number : M8

Report No. : CTA25103100101

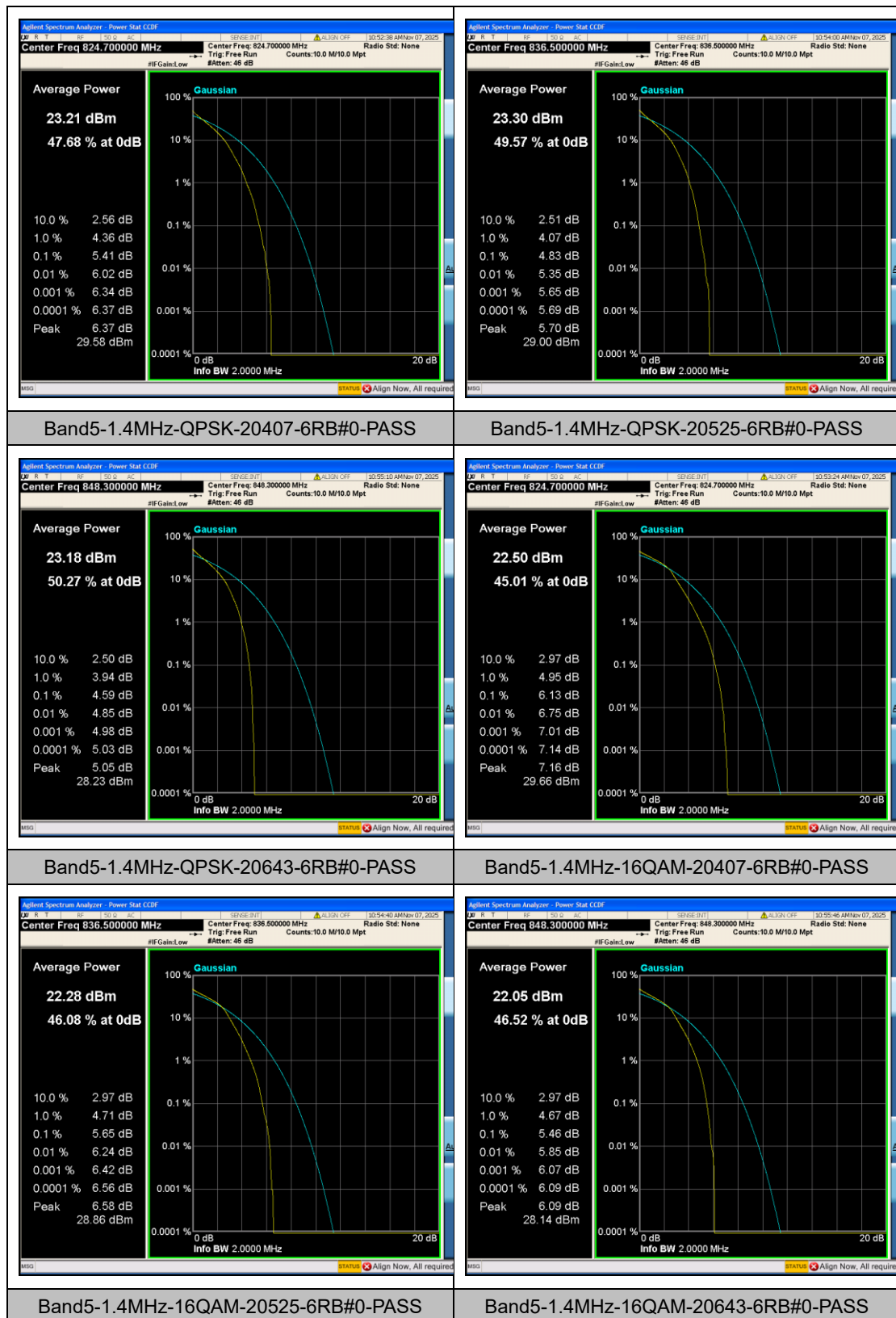
Reviewed By : Eric Wang

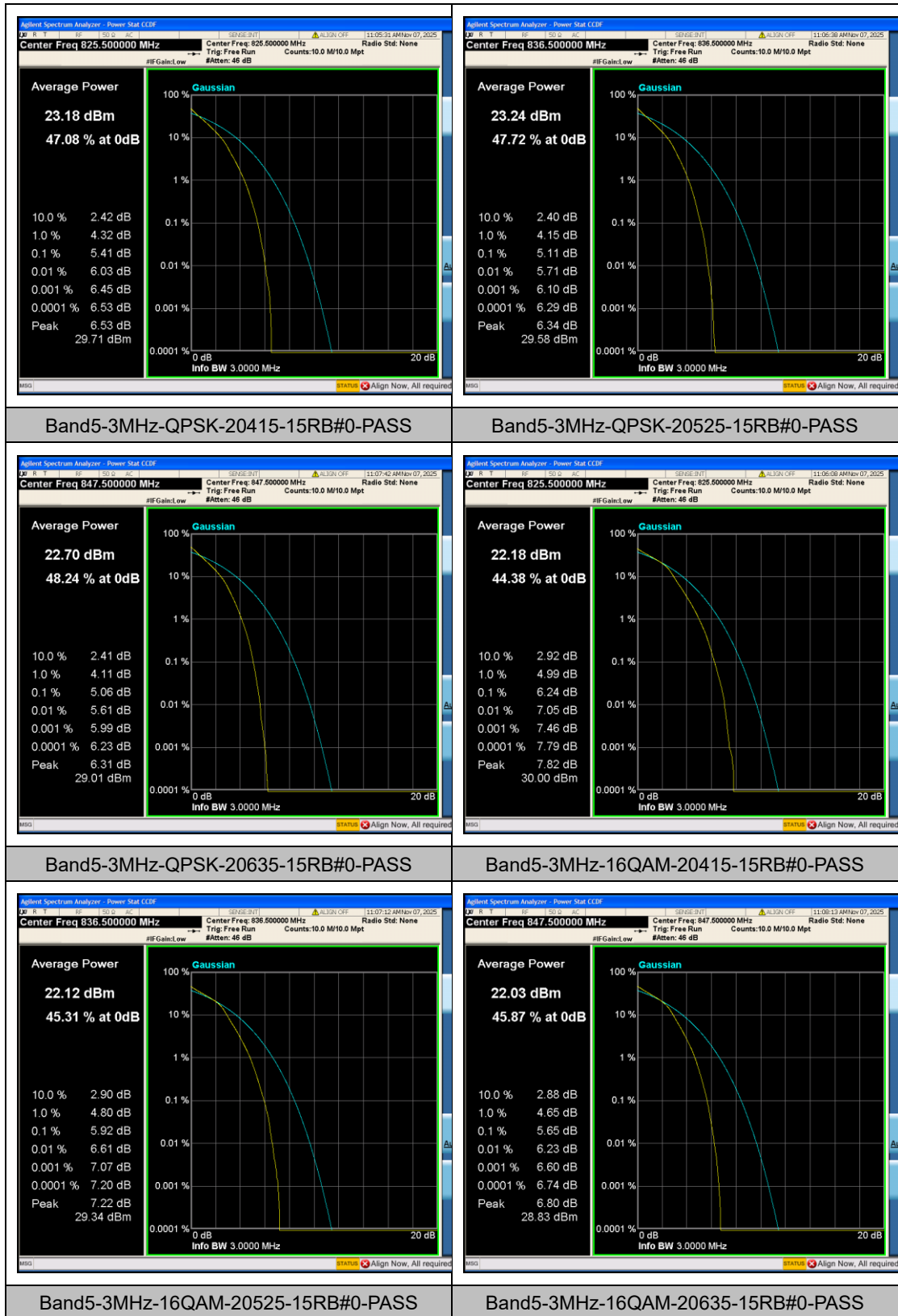
Appendix B: Peak-to-Average Ratio(CCDF)

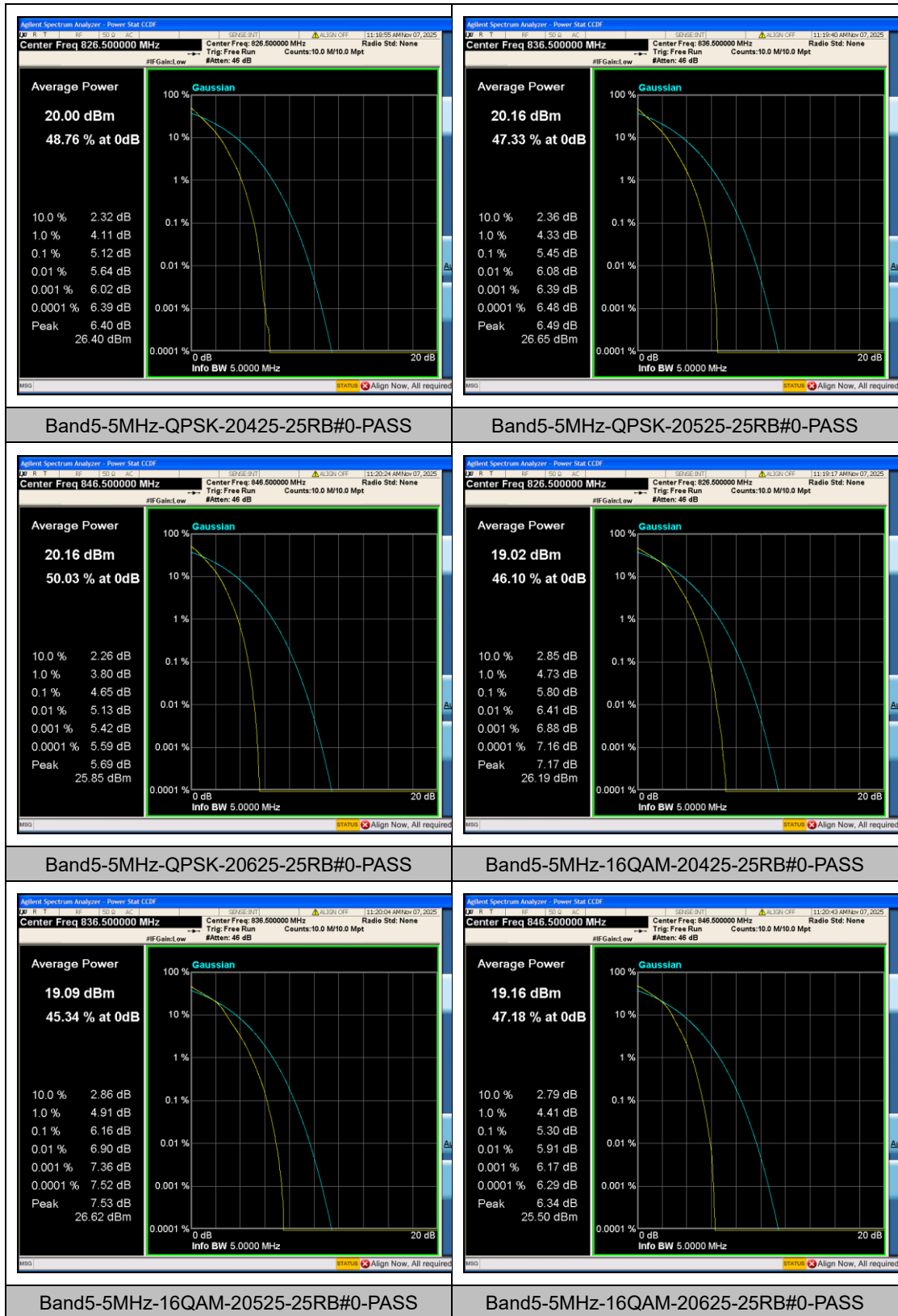
Test Result

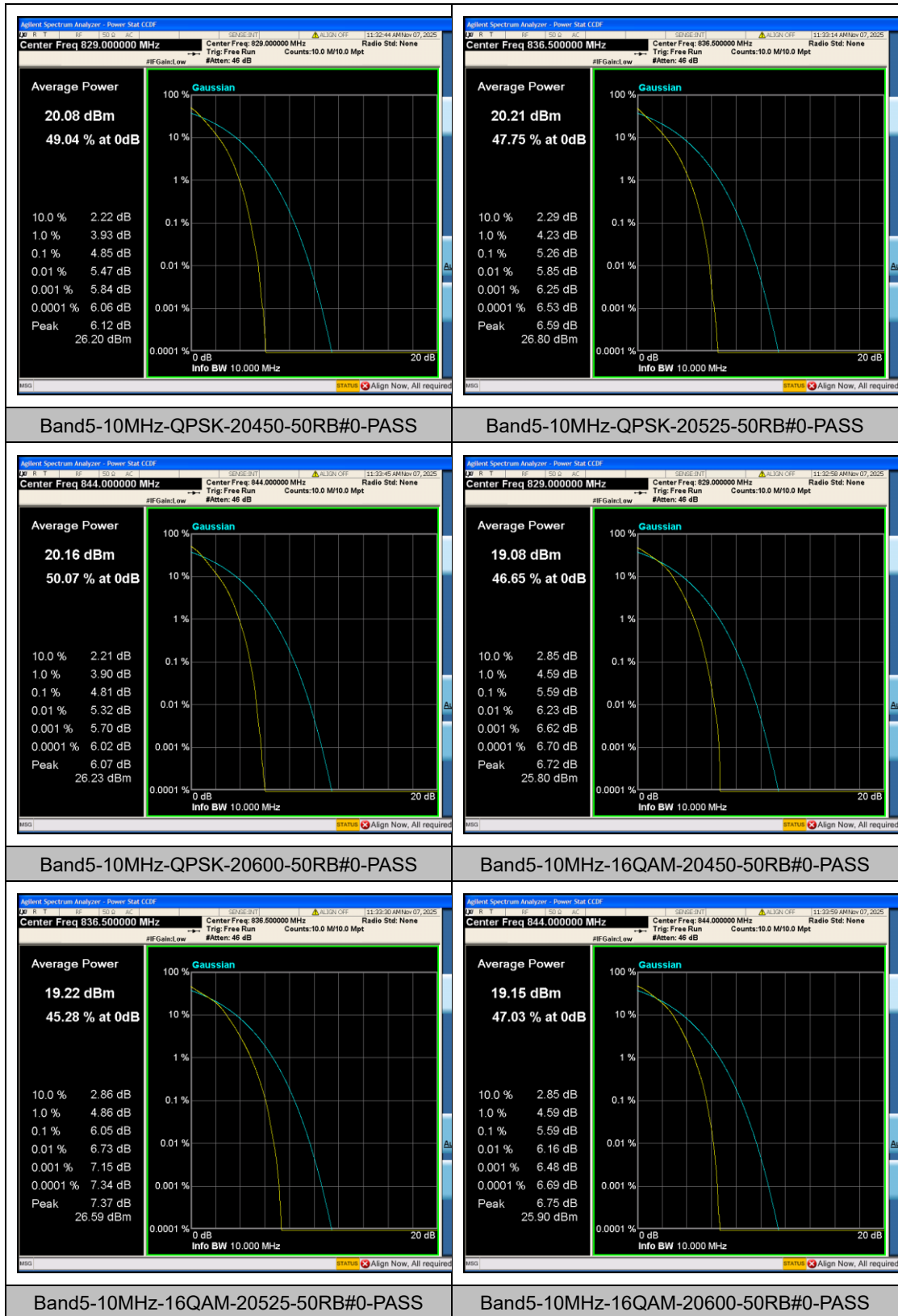
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.41	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.83	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.59	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.13	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.46	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.41	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.11	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.06	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.24	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.92	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.65	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.65	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.16	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.85	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.26	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.81	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.05	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.59	13	PASS

Test Graphs







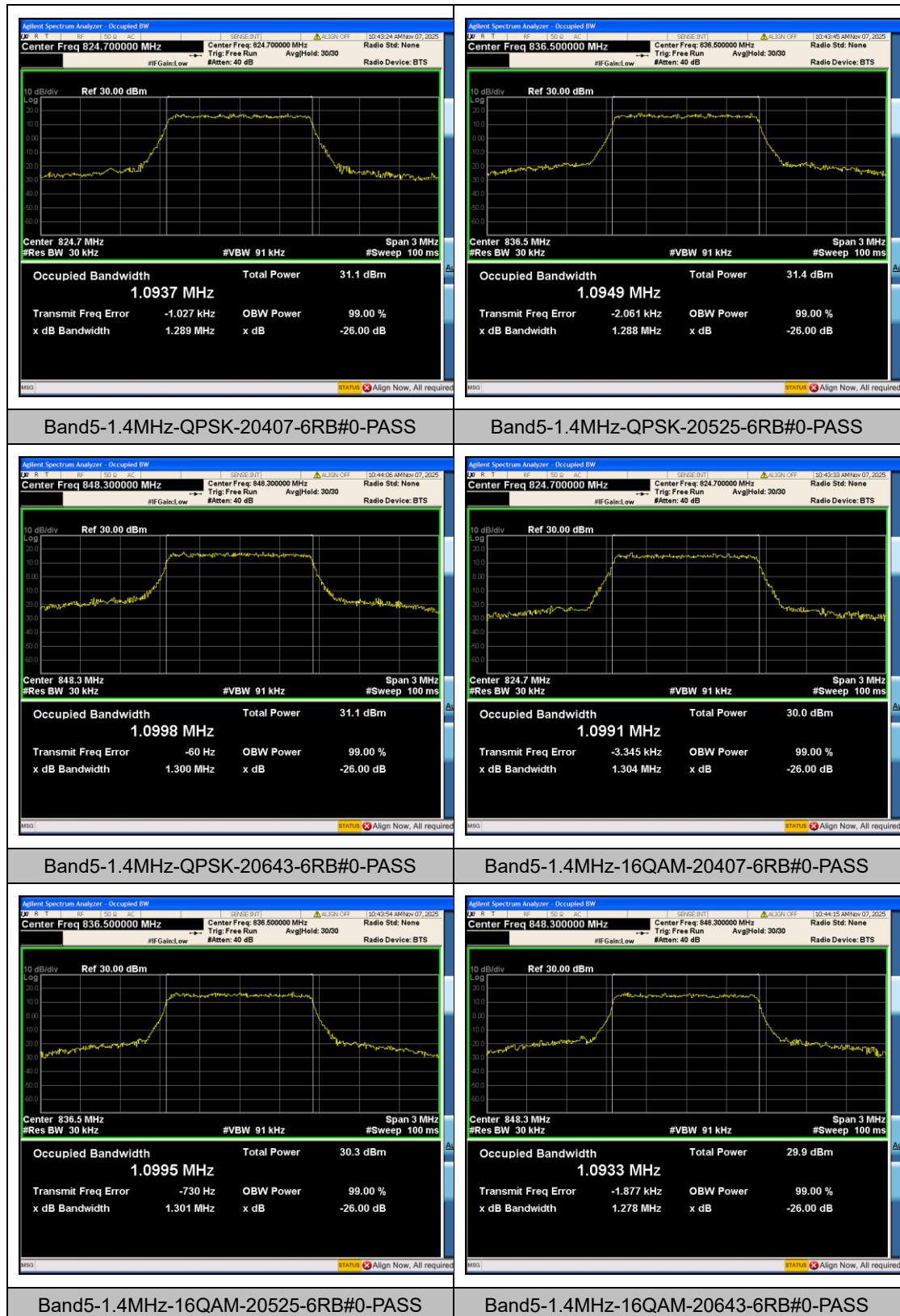


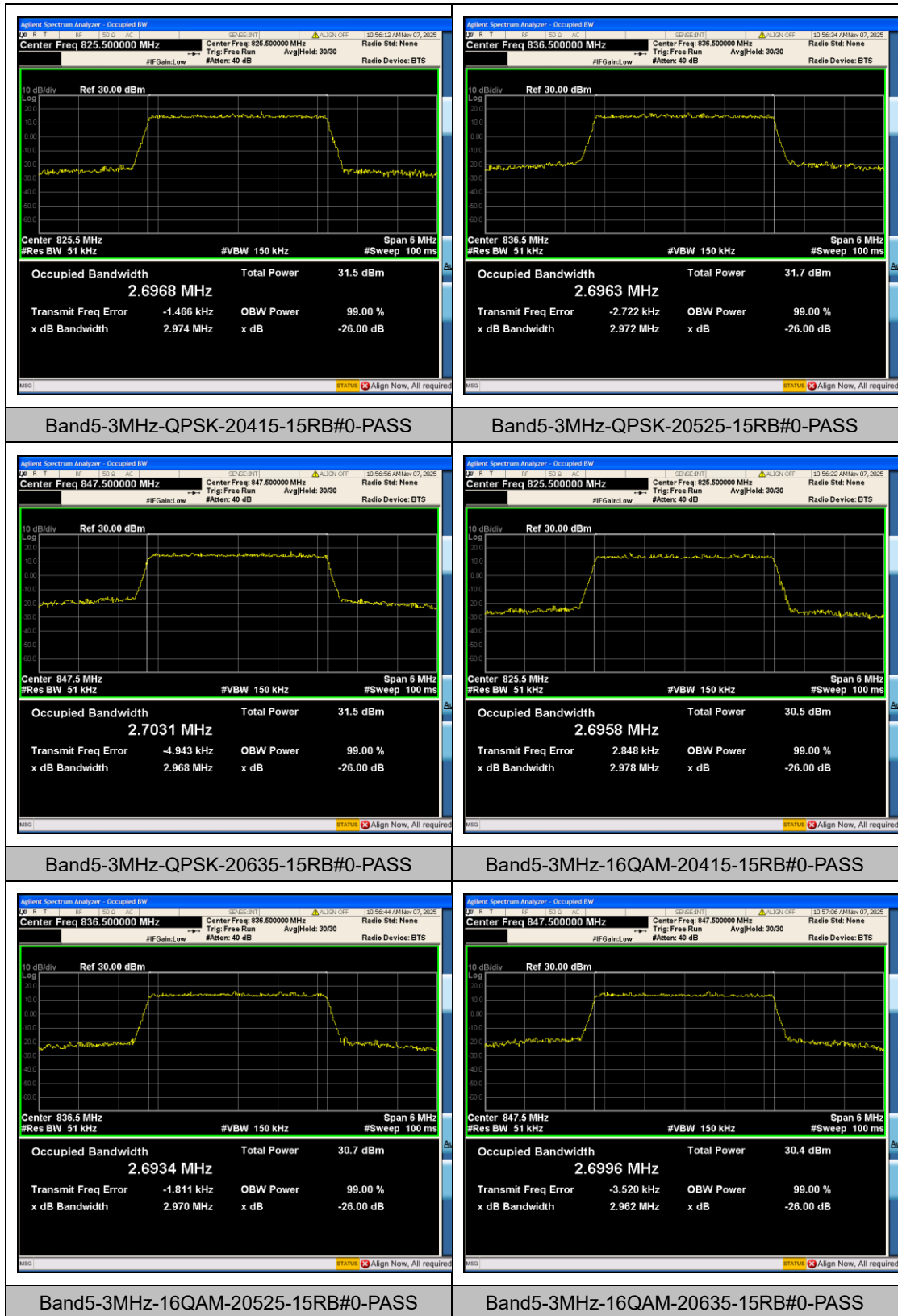
Appendix C: 26dB Bandwidth and Occupied Bandwidth

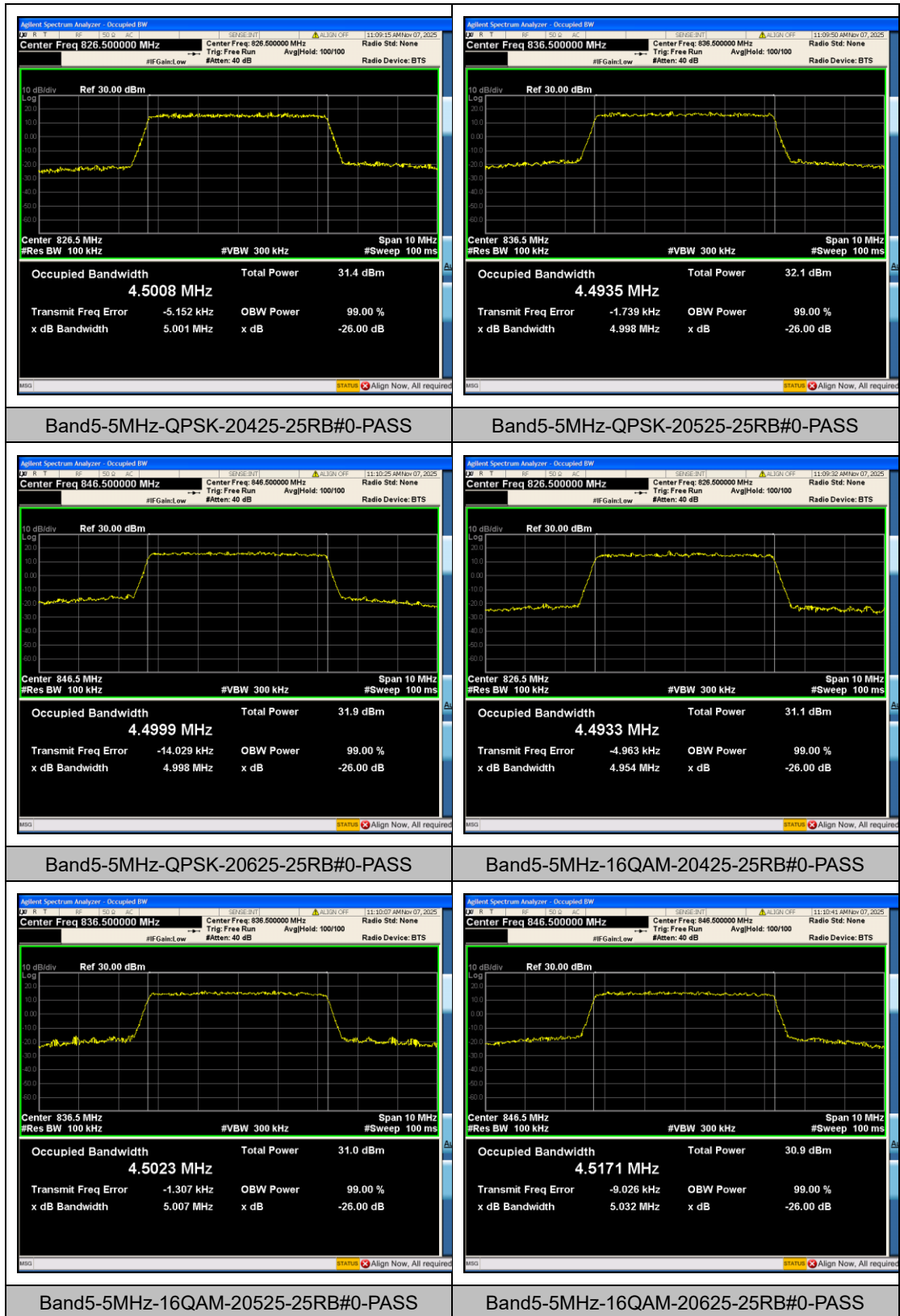
Test Result

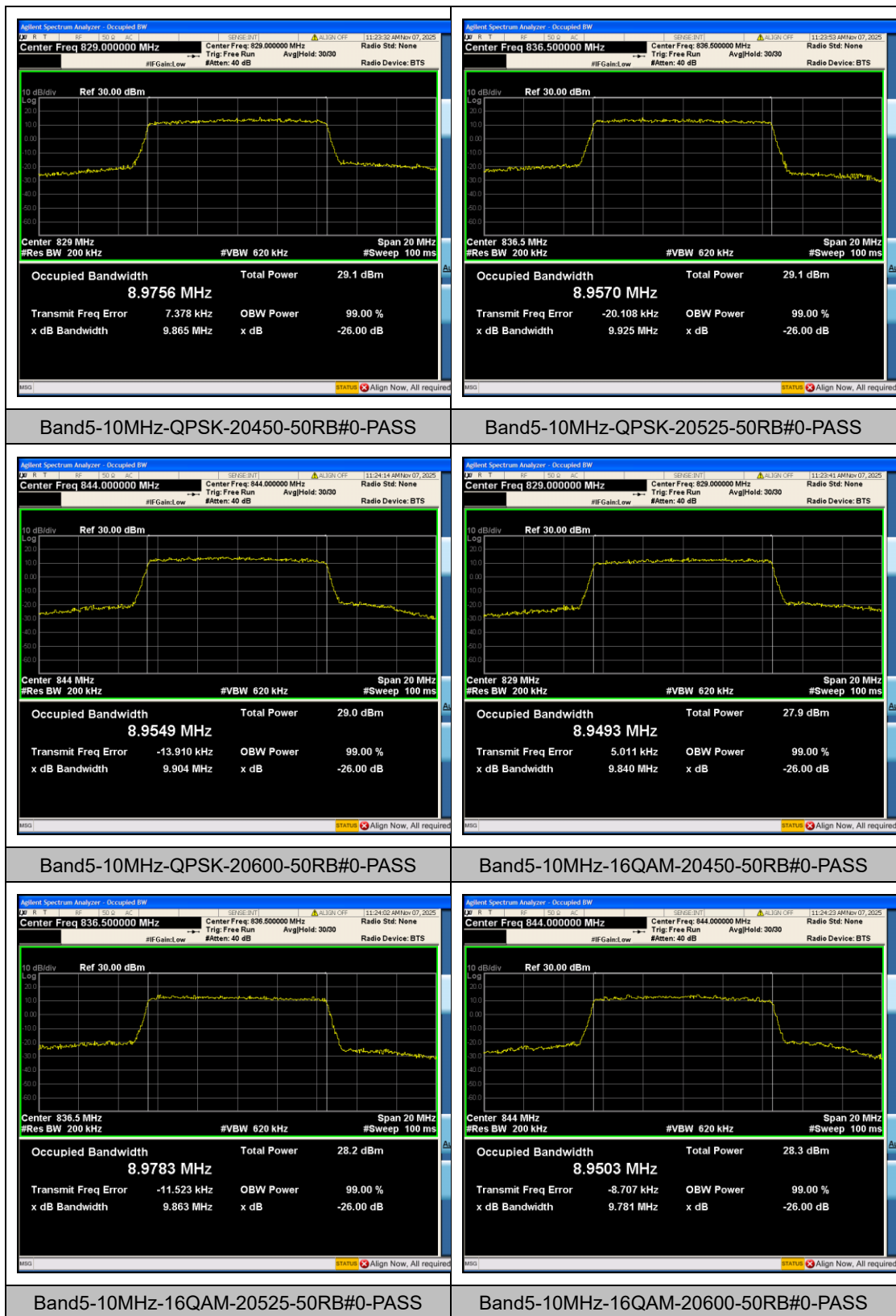
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0937	1.289	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0949	1.288	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0998	1.300	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0991	1.304	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0995	1.301	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0933	1.278	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6968	2.974	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6963	2.972	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7031	2.968	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6958	2.978	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6934	2.970	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6996	2.962	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5008	5.001	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4935	4.998	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4999	4.998	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4933	4.954	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5023	5.007	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5171	5.032	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9756	9.865	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9570	9.925	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9549	9.904	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9493	9.840	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9783	9.863	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9503	9.781	PASS

Test Graphs







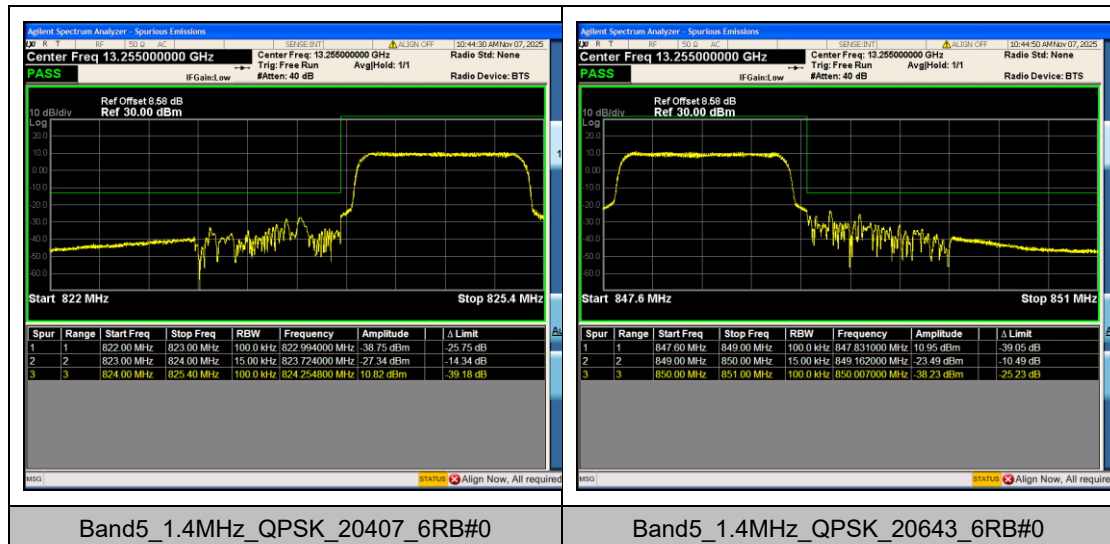


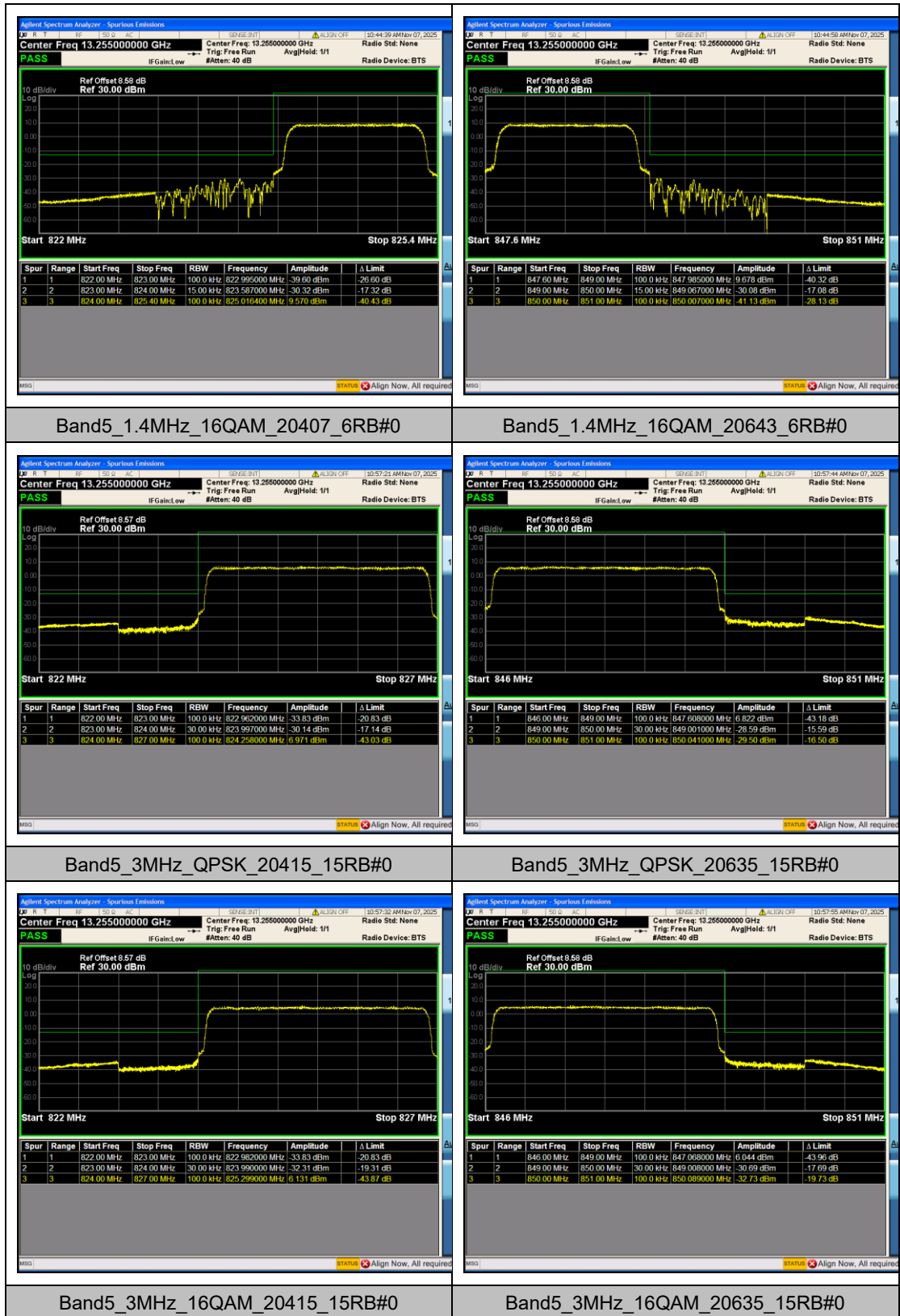
Appendix D: Band Edge

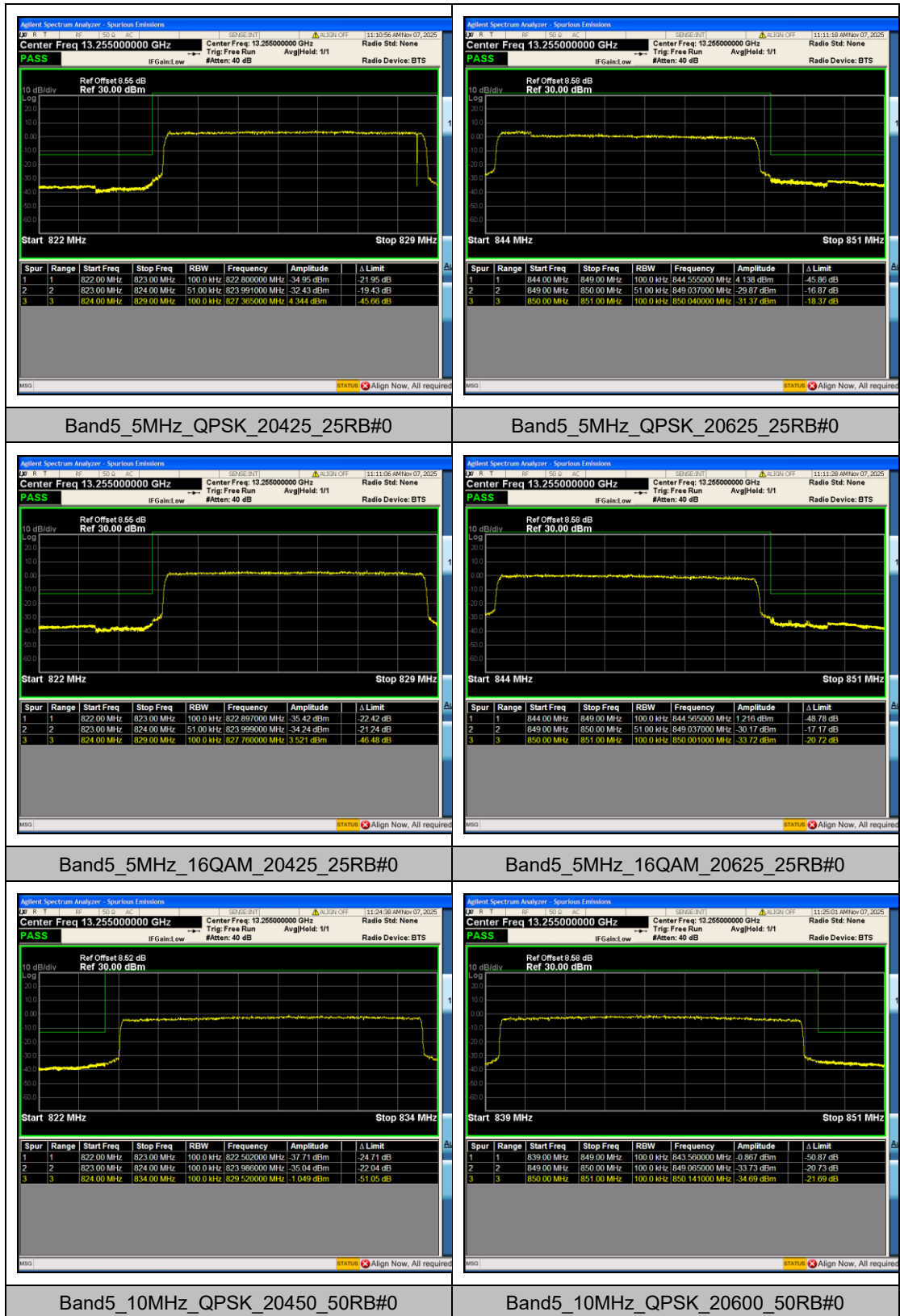
Test Result

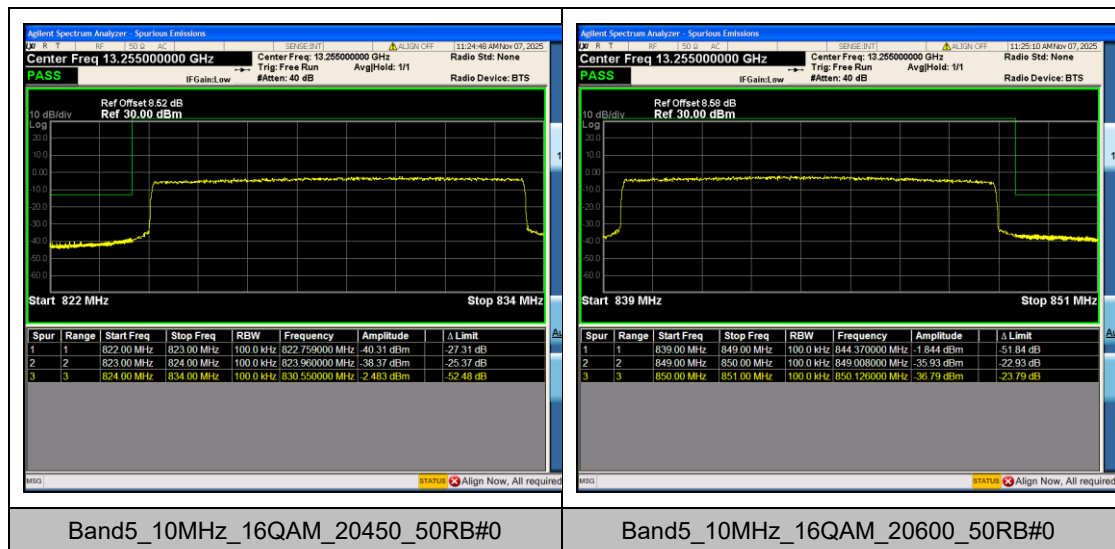
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-27.34	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-23.49	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.32	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.08	PASS
Band5	3MHz	QPSK	20415	15RB#0	-30.14	PASS
Band5	3MHz	QPSK	20635	15RB#0	-28.59	PASS
Band5	3MHz	16QAM	20415	15RB#0	-32.31	PASS
Band5	3MHz	16QAM	20635	15RB#0	-30.69	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.43	PASS
Band5	5MHz	QPSK	20625	25RB#0	-29.87	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.24	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.17	PASS
Band5	10MHz	QPSK	20450	50RB#0	-35.04	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.73	PASS
Band5	10MHz	16QAM	20450	50RB#0	-38.37	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.93	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	-41.56	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-54.55	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-48.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-44.29	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.66	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-42.04	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-53.48	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-52.14	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-44.40	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.53	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-38.66	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-52.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-48.02	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-45.25	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-44.06	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-39.06	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-53.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-50.15	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-45.51	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-44.00	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-41.21	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-54.70	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-53.03	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-45.86	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.87	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-42.88	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-52.52	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-50.78	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-45.66	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-44.03	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-37.90	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-52.62	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-48.87	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.81	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-41.07	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-53.64	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-50.55	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-46.55	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.65	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-41.11	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-53.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-49.30	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.62	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-44.04	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-39.51	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-53.11	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-51.06	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.81	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-41.28	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-53.30	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.76	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-46.64	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.71	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-43.01	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-53.61	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-50.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.62	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-44.06	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-41.56	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-53.16	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-53.76	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-35.11	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-41.24	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-40.11	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-51.09	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-54.97	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-45.54	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.88	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-39.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-52.79	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-54.23	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.84	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.84	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-39.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-53.95	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-54.81	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-43.75	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-44.01	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-43.32	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-51.29	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-55.73	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-45.04	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.62	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-42.69	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-53.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-55.93	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.94	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-43.00	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-53.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-61.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.77	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.58	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-42.48	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-54.59	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-58.86	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-38.91	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.76	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-41.24	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-52.86	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-57.31	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.49	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.72	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-44.57	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-52.92	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-61.89	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-46.92	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.94	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-42.95	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-53.13	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-60.10	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-44.85	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.65	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-40.75	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-54.12	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-57.89	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-46.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-38.28	PASS

Test Graphs

