

FCC Appendix RF Test Data for LTE

Company: : Rosa Marcela Cruz Estrada

EUT : Mobile Phone

Model Number : Stone

Report No. : CTA25032500805

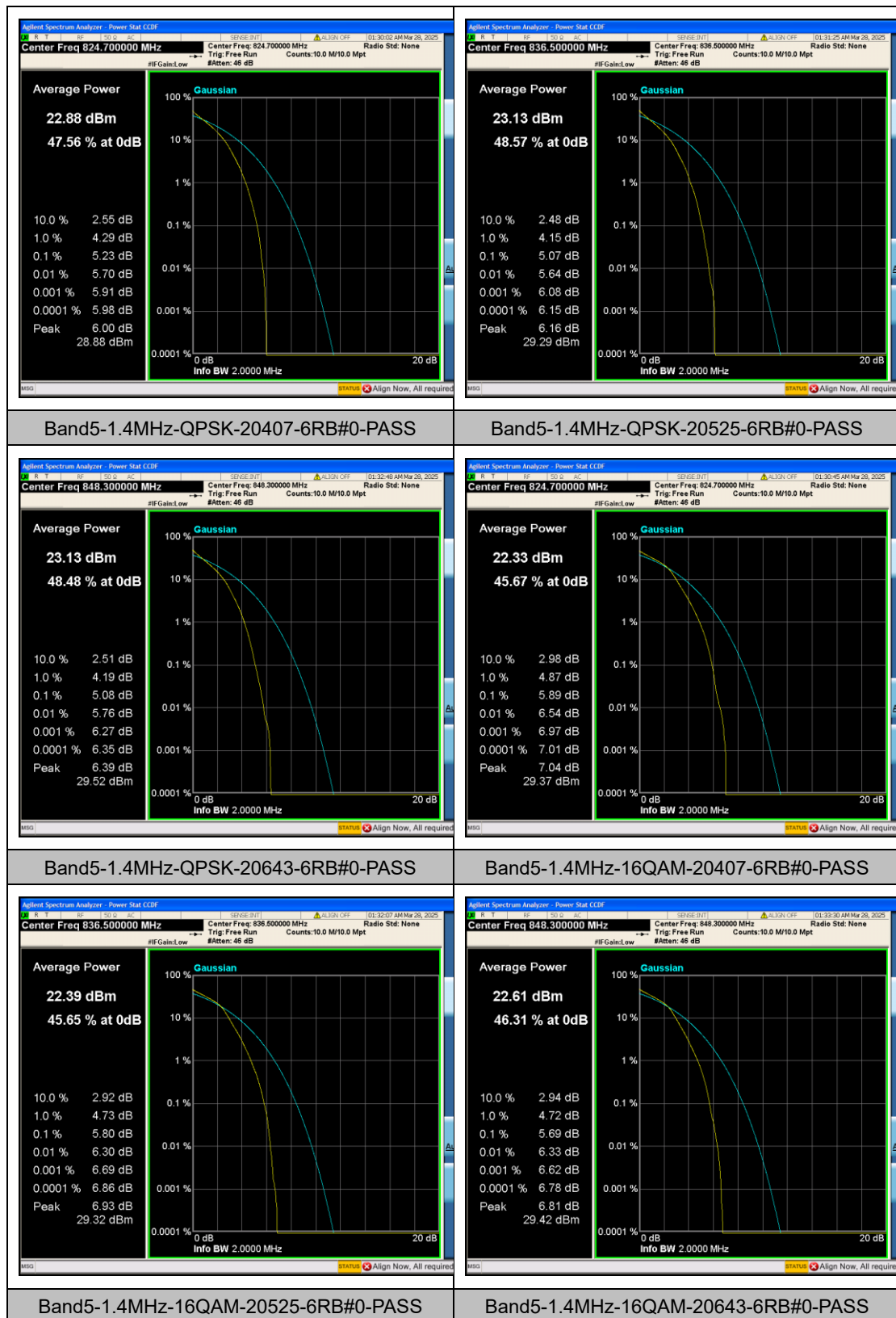
Reviewed By : Eric Wang

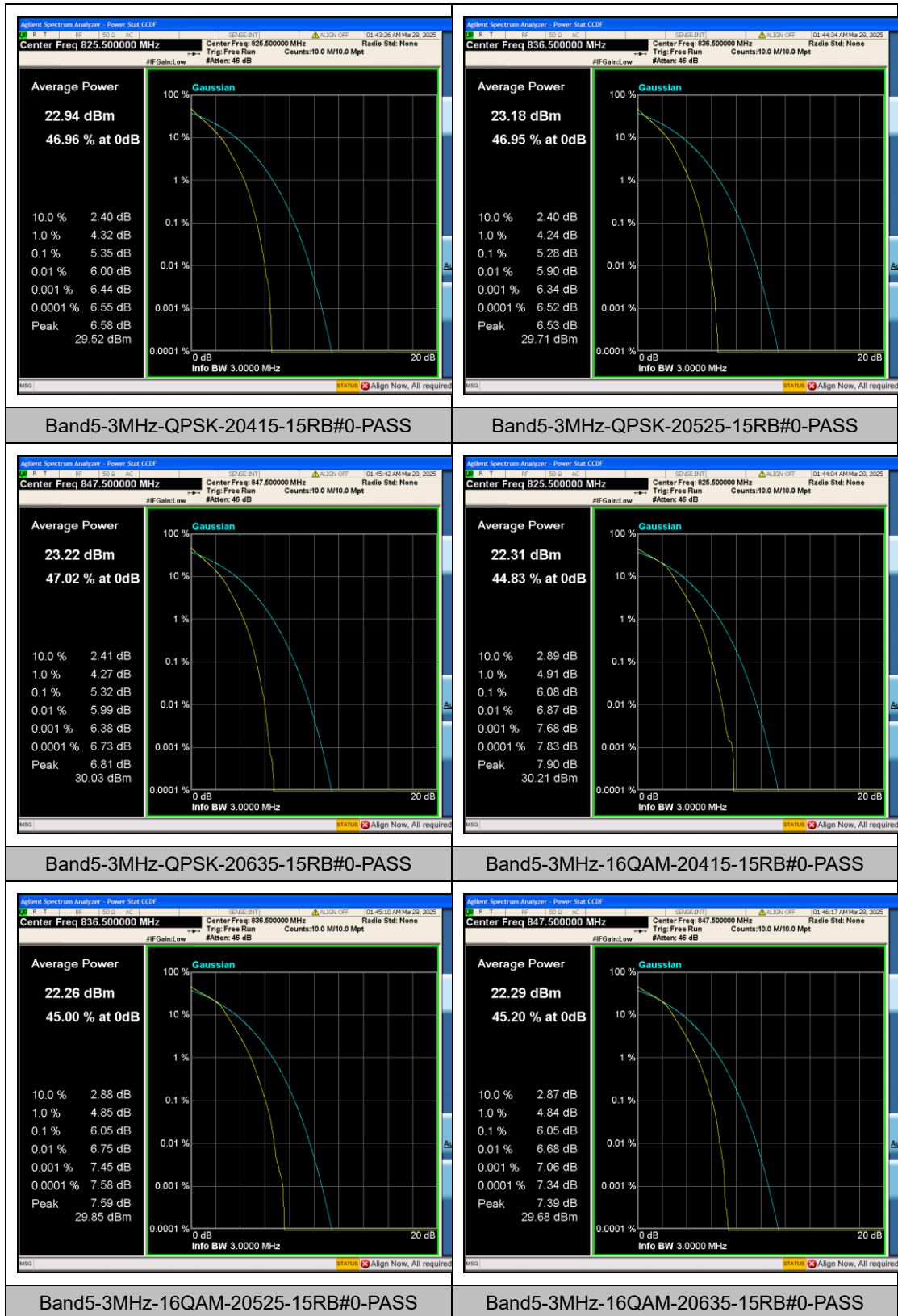
Appendix B: Peak-to-Average Ratio(CCDF)

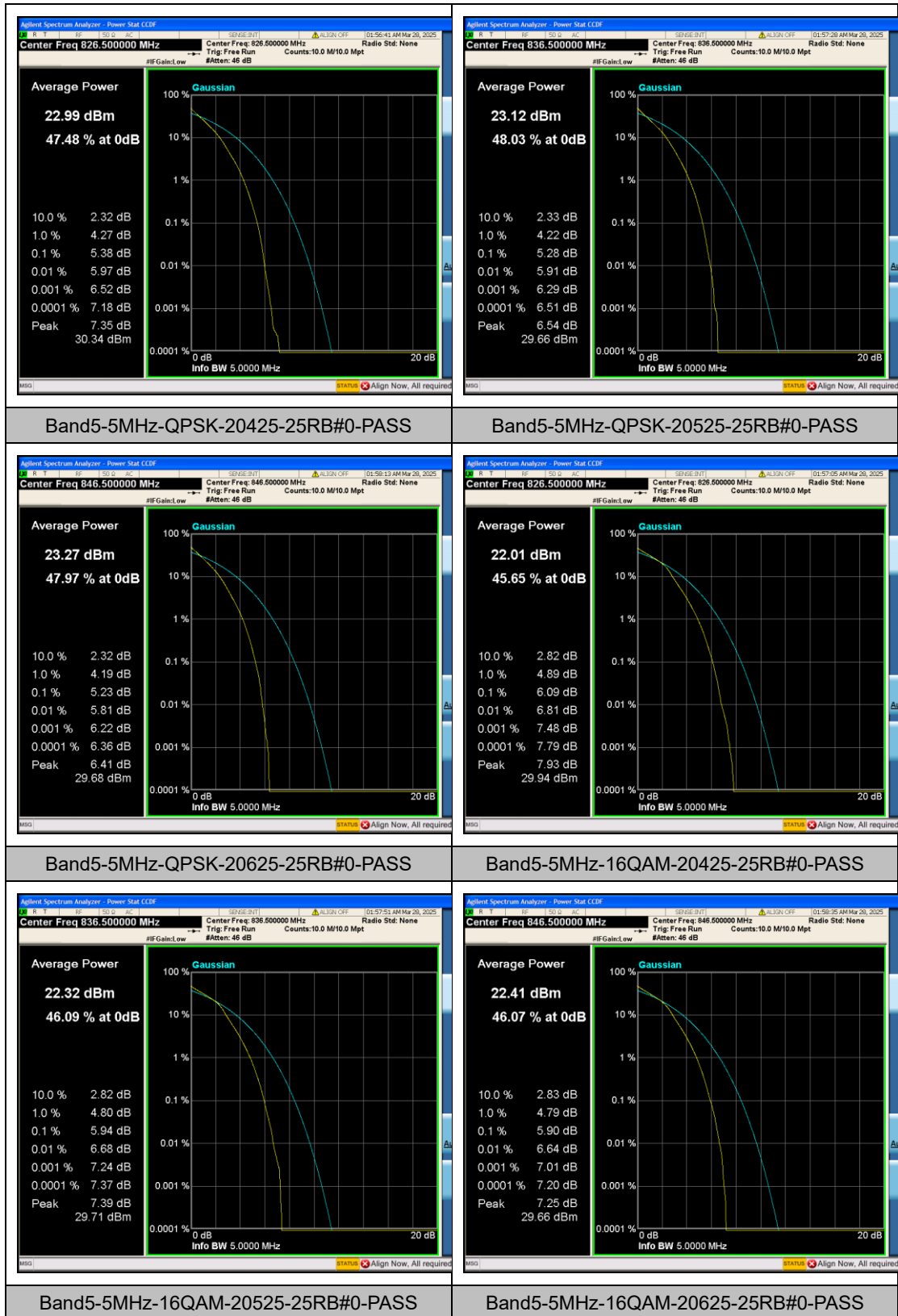
Test Result

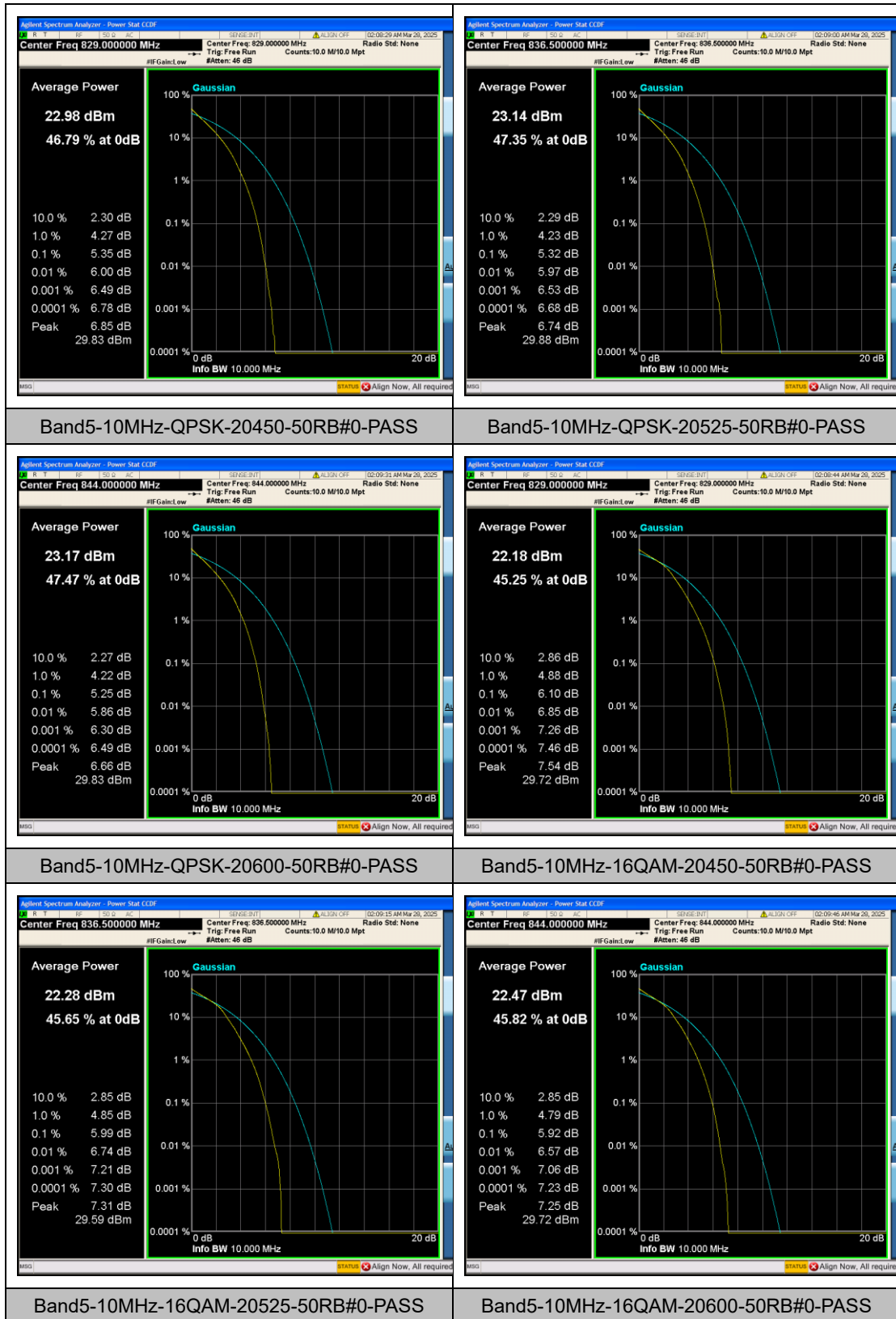
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.23	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.07	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.08	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.89	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.80	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.69	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.35	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.28	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.32	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.08	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.05	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.05	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.38	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.28	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.23	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.09	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.94	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.90	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.35	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.32	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.10	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.99	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.92	13	PASS

Test Graphs







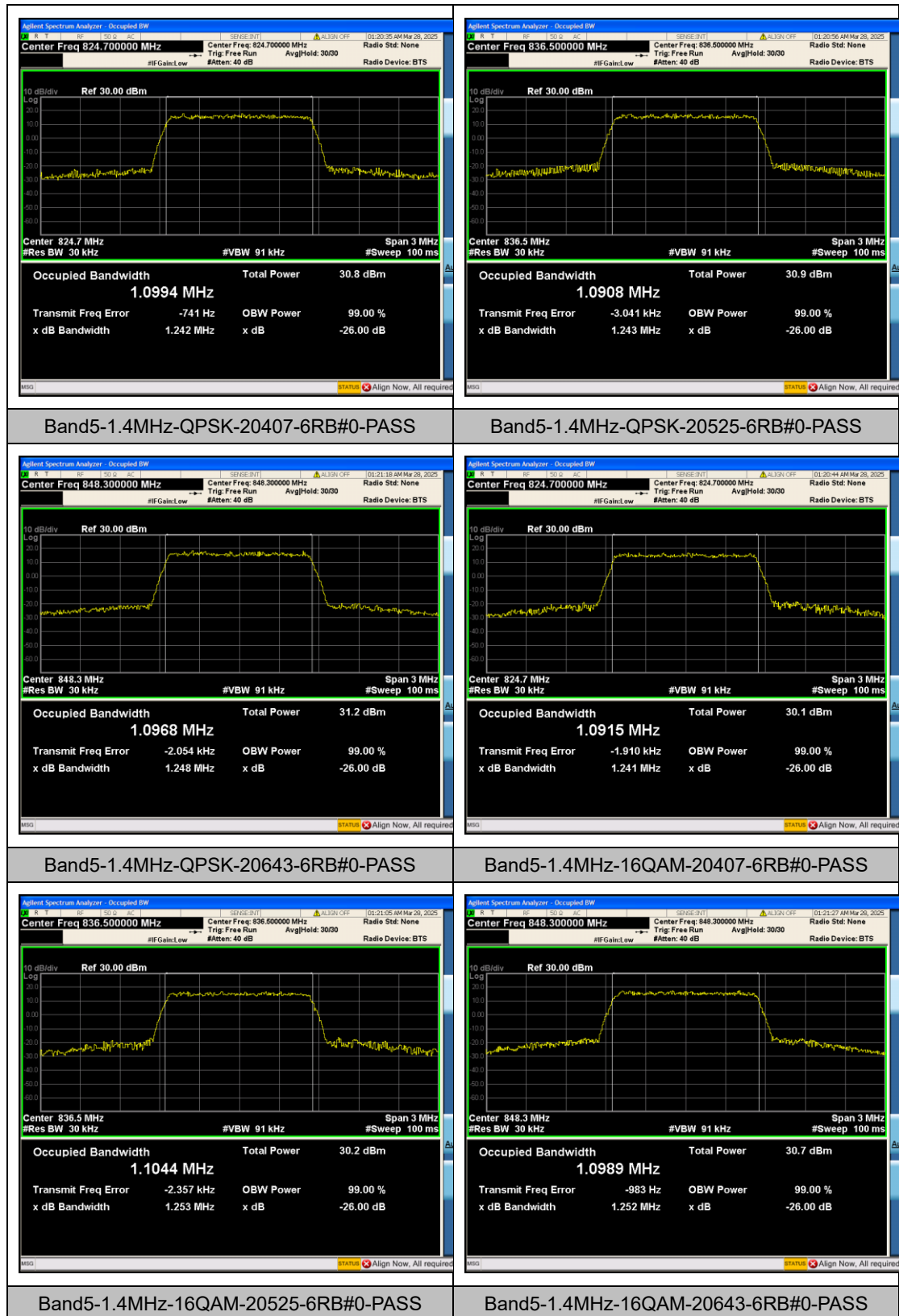


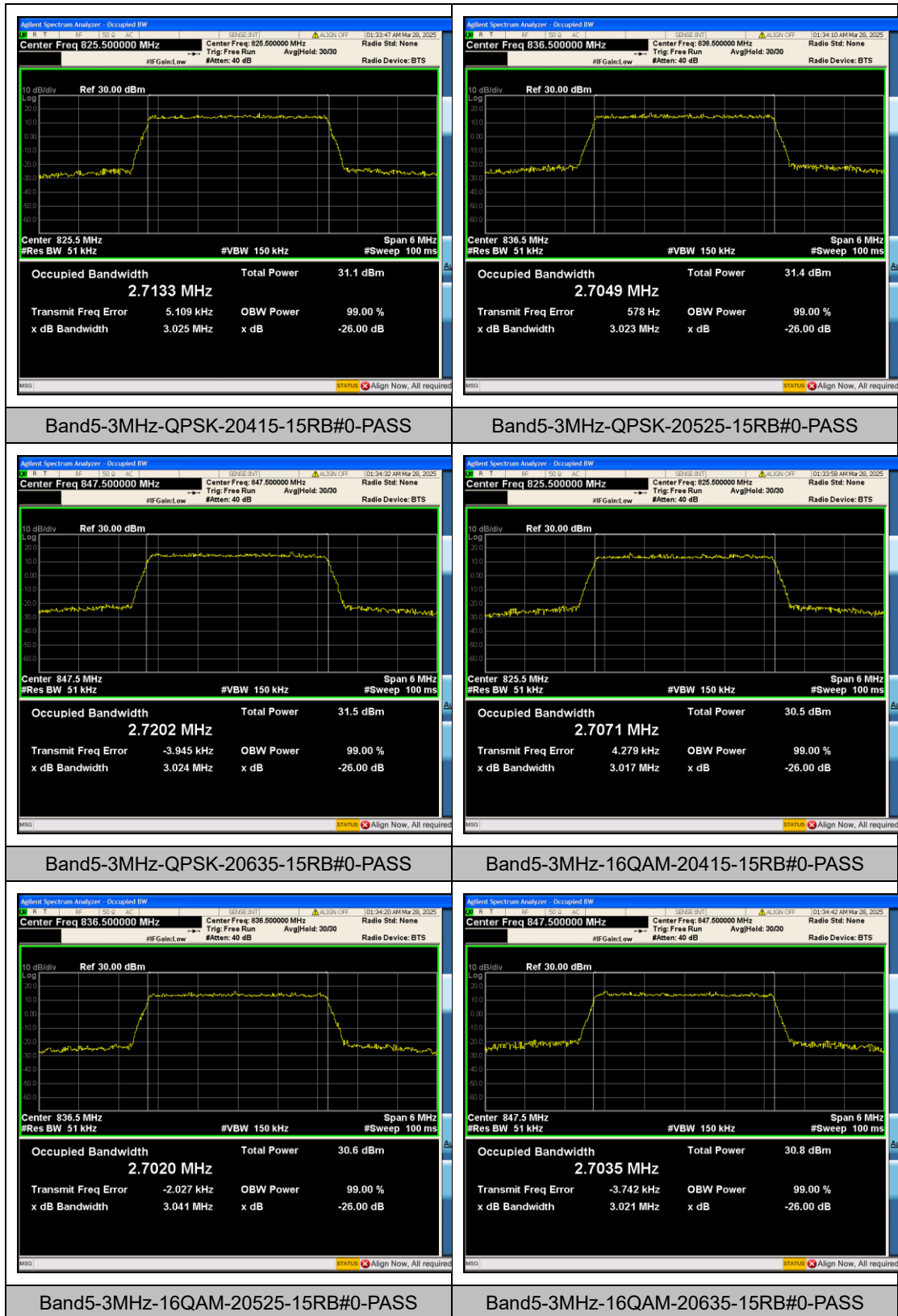
Appendix C: 26dB Bandwidth and Occupied Bandwidth

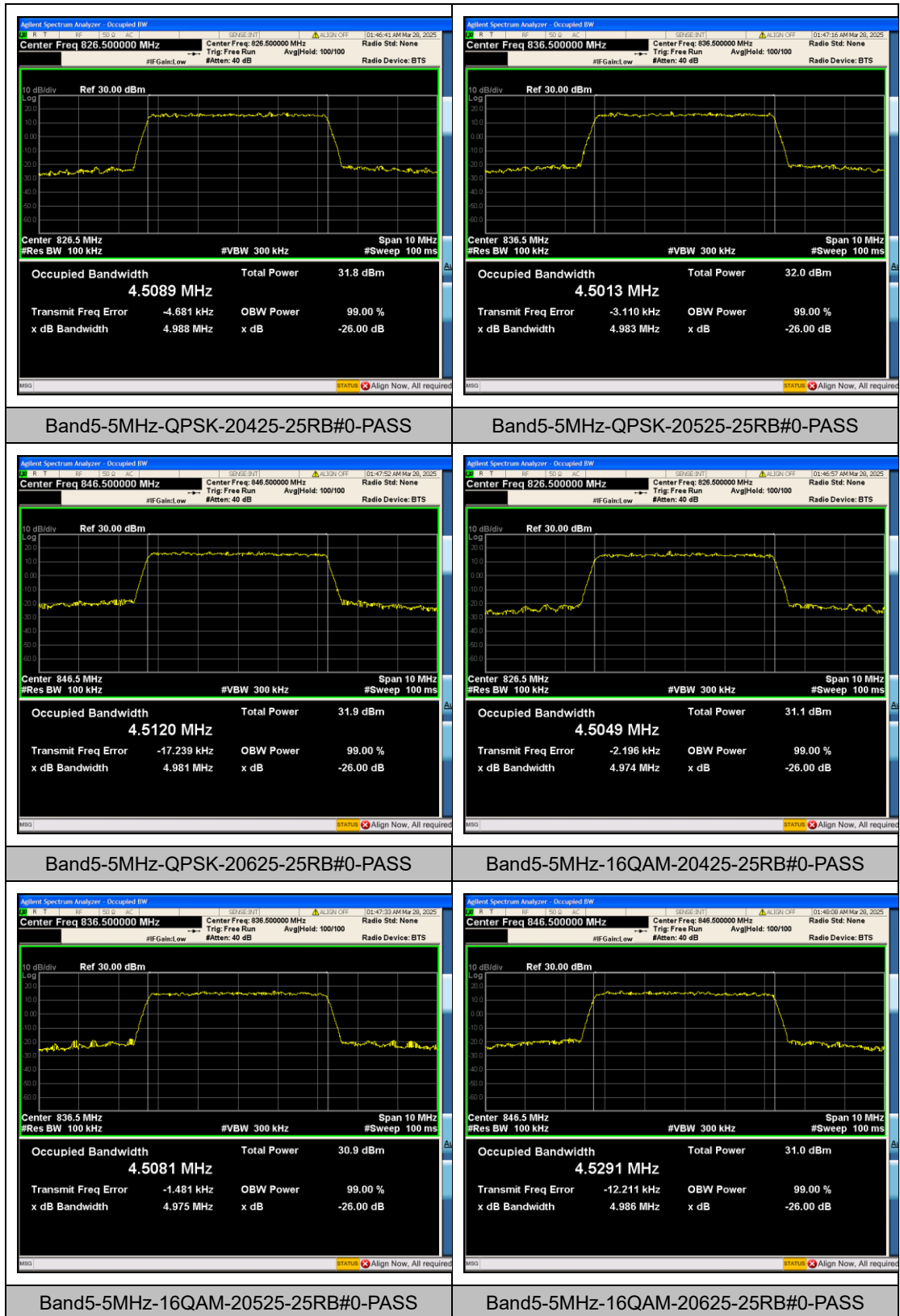
Test Result

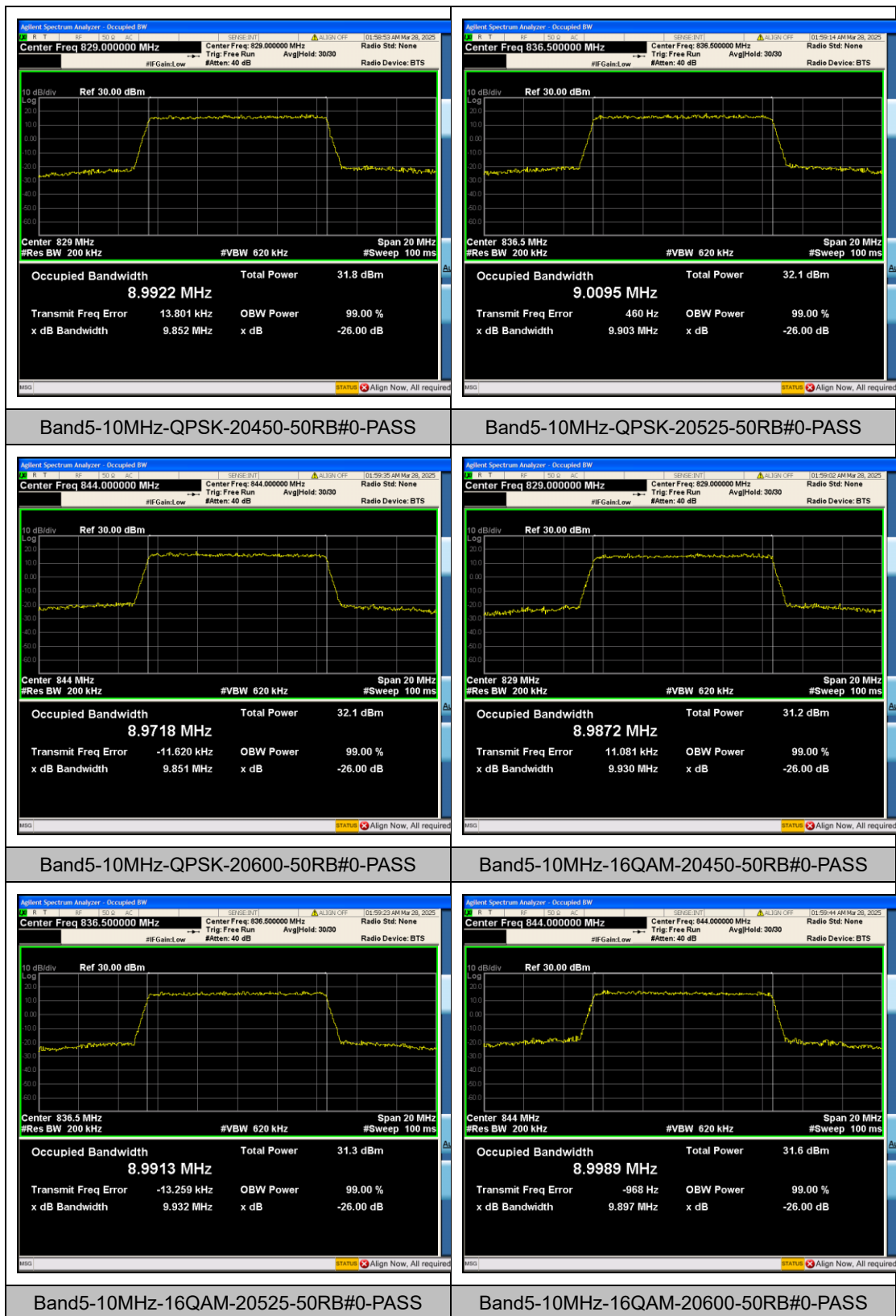
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0994	1.242	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0908	1.243	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0968	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0915	1.241	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1044	1.253	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0989	1.252	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7133	3.025	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7049	3.023	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7202	3.024	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7071	3.017	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7020	3.041	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7035	3.021	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5089	4.988	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5013	4.983	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5120	4.981	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5049	4.974	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5081	4.975	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5291	4.986	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9922	9.852	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0095	9.903	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9718	9.851	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9872	9.930	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9913	9.932	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9989	9.897	PASS

Test Graphs







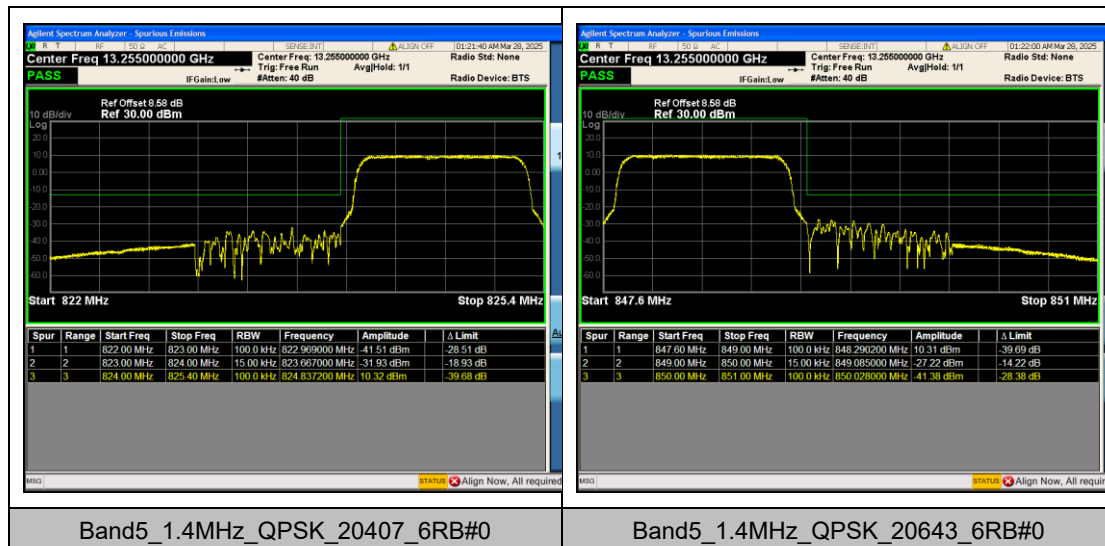


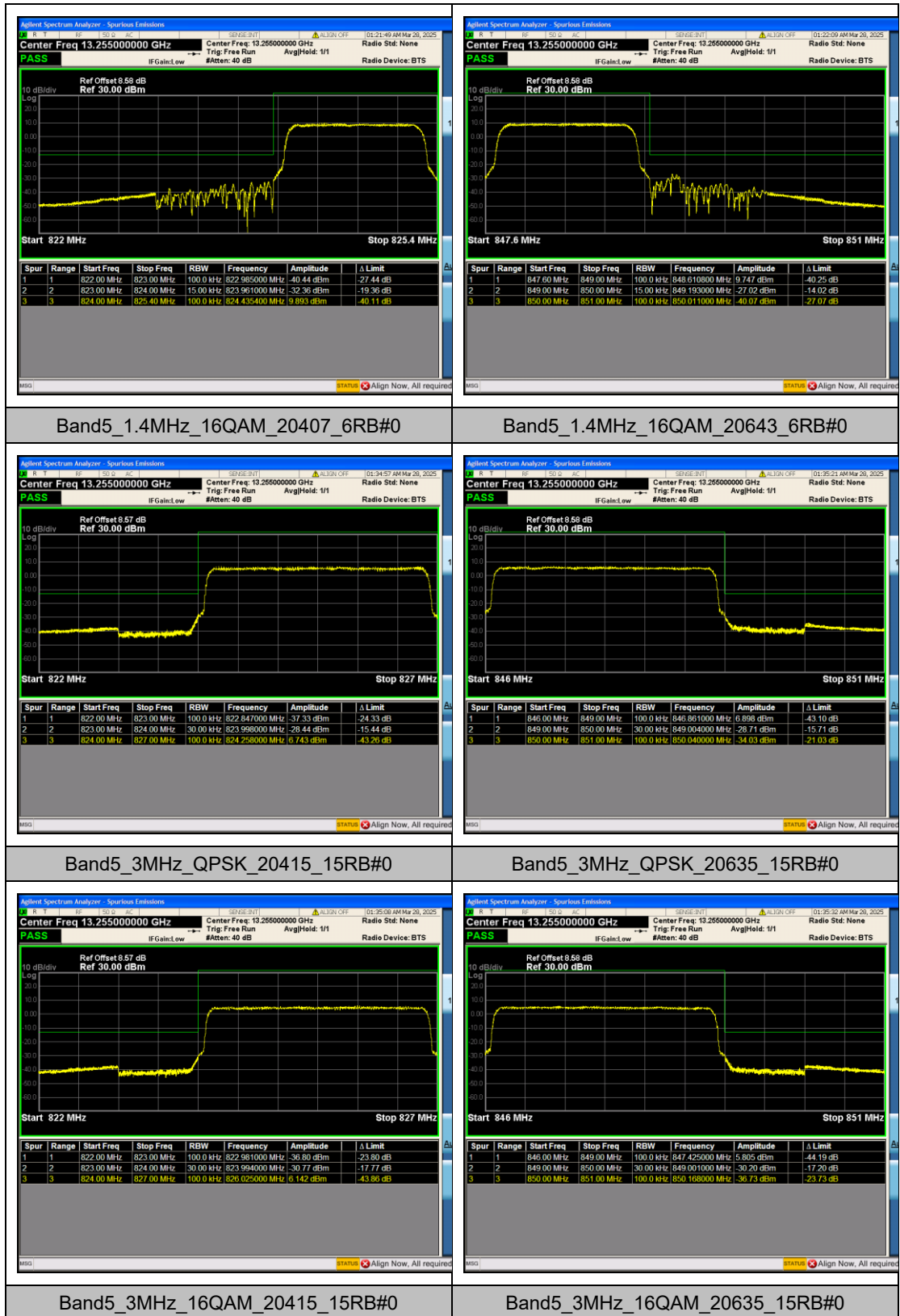
Appendix D: Band Edge

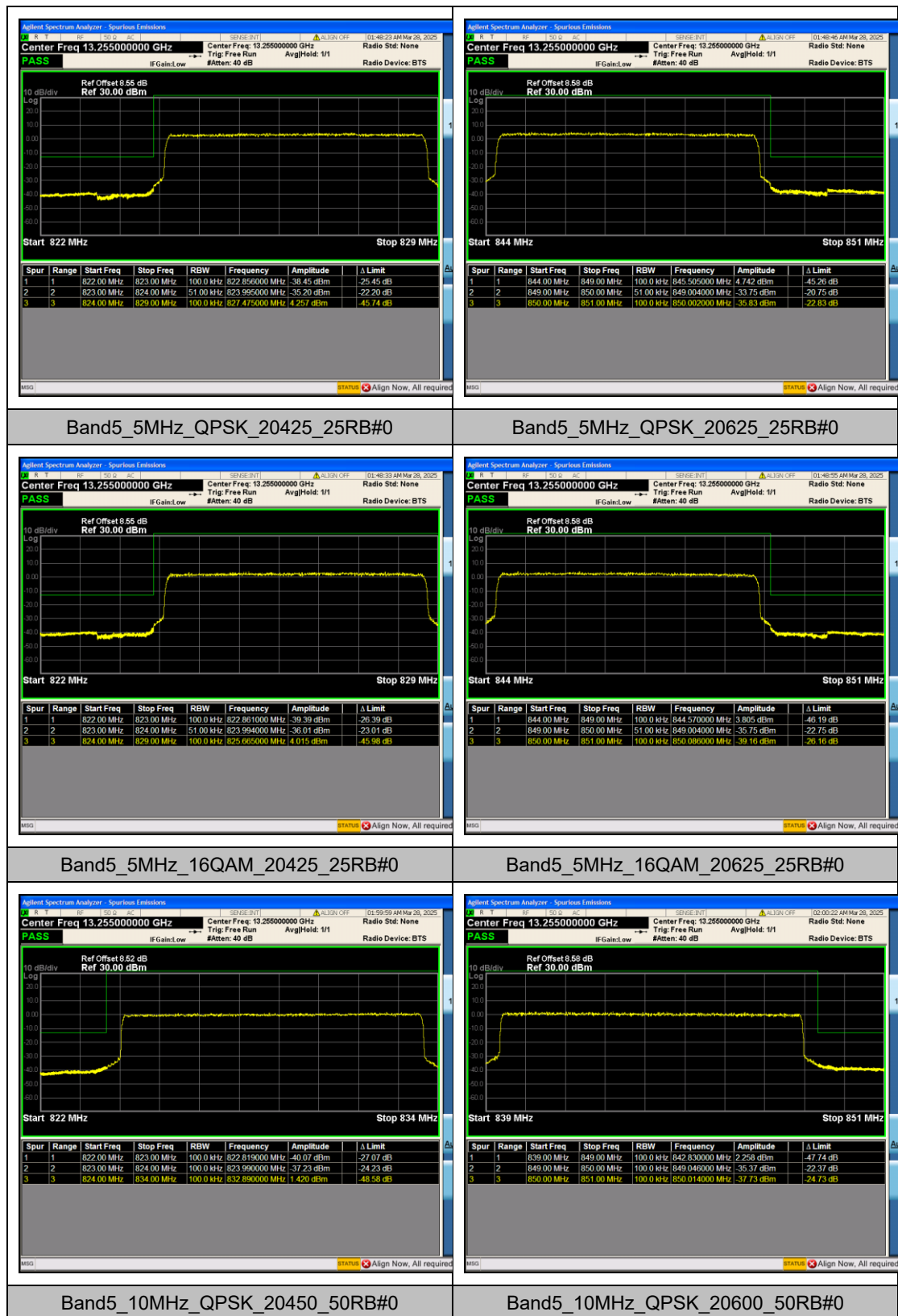
Test Result

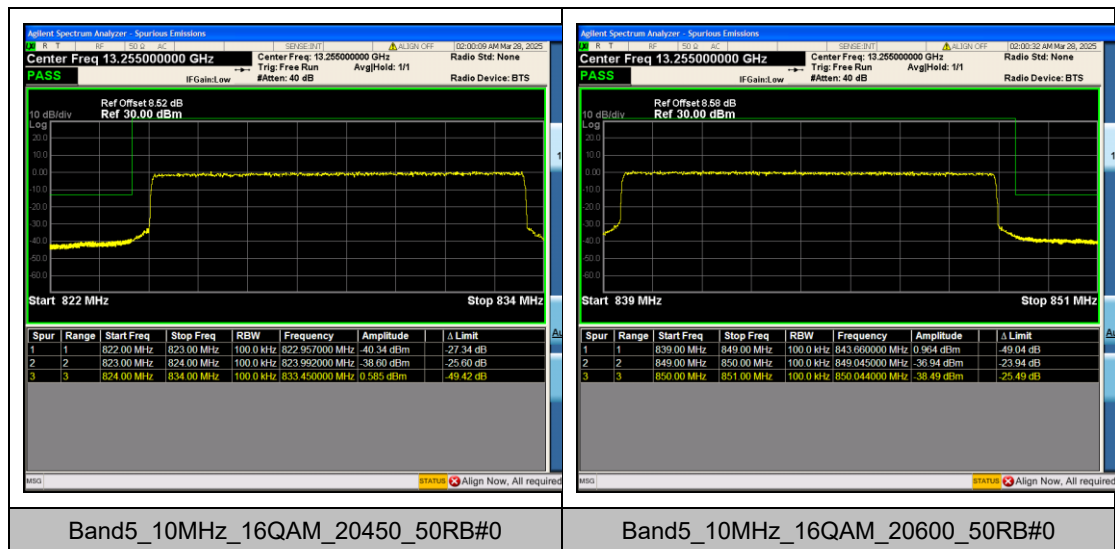
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-31.93	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.22	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-32.36	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.02	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.44	PASS
Band5	3MHz	QPSK	20635	15RB#0	-28.71	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	-30.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	-35.20	PASS
Band5	5MHz	QPSK	20625	25RB#0	-33.75	PASS
Band5	5MHz	16QAM	20425	25RB#0	-36.01	PASS
Band5	5MHz	16QAM	20625	25RB#0	-35.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	-37.23	PASS
Band5	10MHz	QPSK	20600	50RB#0	-35.37	PASS
Band5	10MHz	16QAM	20450	50RB#0	-38.60	PASS
Band5	10MHz	16QAM	20600	50RB#0	-36.94	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	-43.88	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-52.92	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-49.13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-36.59	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.50	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-41.19	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-52.54	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-49.71	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-33.76	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-41.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-52.67	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-48.58	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-33.87	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-42.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-42.83	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-54.53	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-49.59	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-37.00	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.22	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-43.74	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-53.89	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-50.23	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-33.97	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-43.62	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-54.51	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-49.49	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-34.25	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.36	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-42.28	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-52.86	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-50.60	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-40.41	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.01	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-43.32	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-52.46	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-51.22	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-37.05	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.36	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-43.06	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-55.22	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-50.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-38.25	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.15	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-40.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-52.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-51.58	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-40.38	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.61	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-38.52	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-55.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.11	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-37.34	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.30	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-41.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-52.40	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-52.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-38.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-43.64	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-52.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-52.35	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-42.85	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.36	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-41.24	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-54.06	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-53.30	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-38.48	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.46	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-43.46	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-53.31	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-53.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-40.67	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.20	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-40.25	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-55.98	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-54.40	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-43.34	PASS