

Appendix RF Test Data for LTE Band 5

Company: : TOXMATE S.A.C.

EUT : Smart Watch

Model Number : T-TA0006

FCC ID : 2BSMP-T-TA0006

Report No. : CTA25081801008

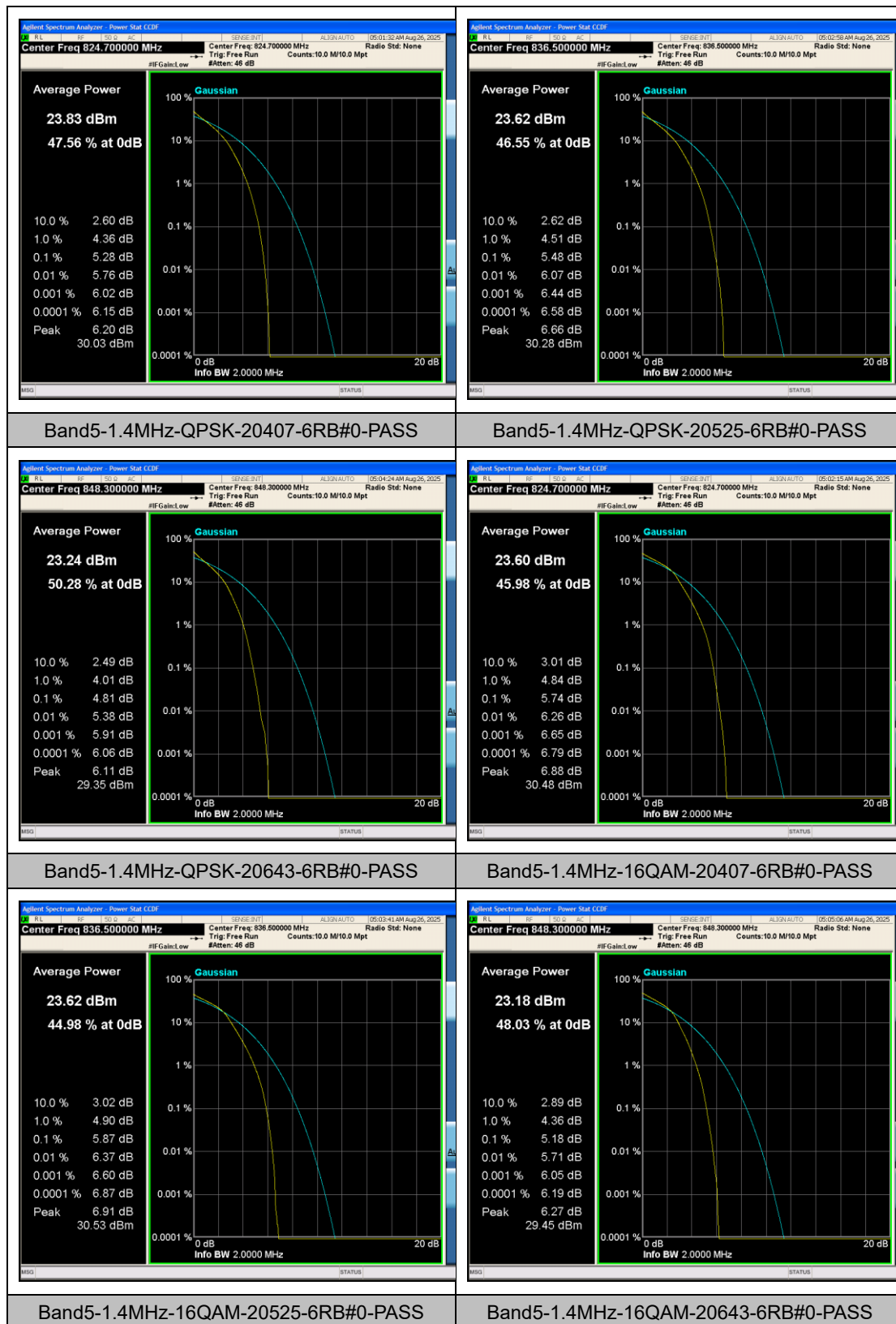
Reviewed By : Eric Wang

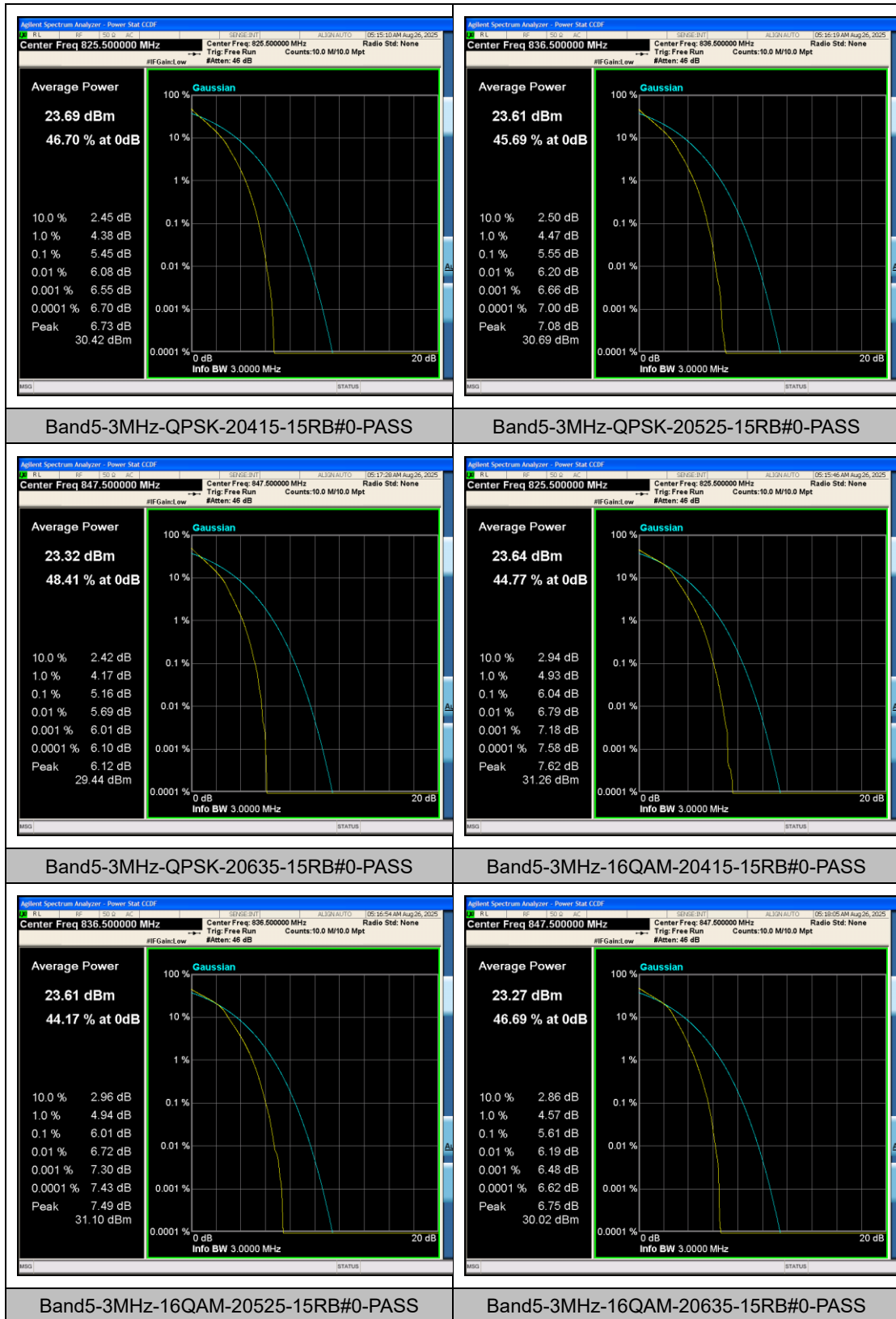
Appendix B: Peak-to-Average Ratio(CCDF)

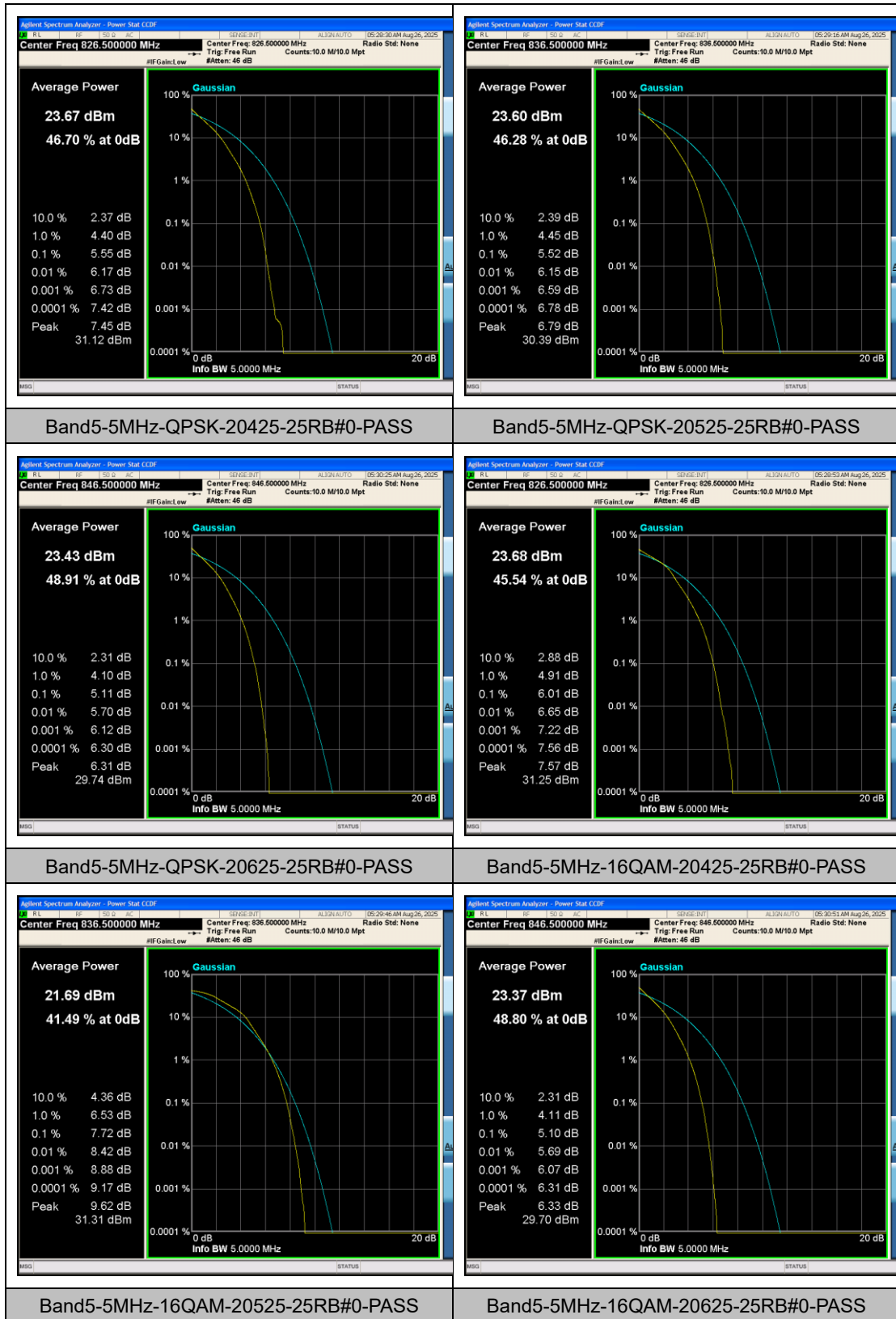
Test Result

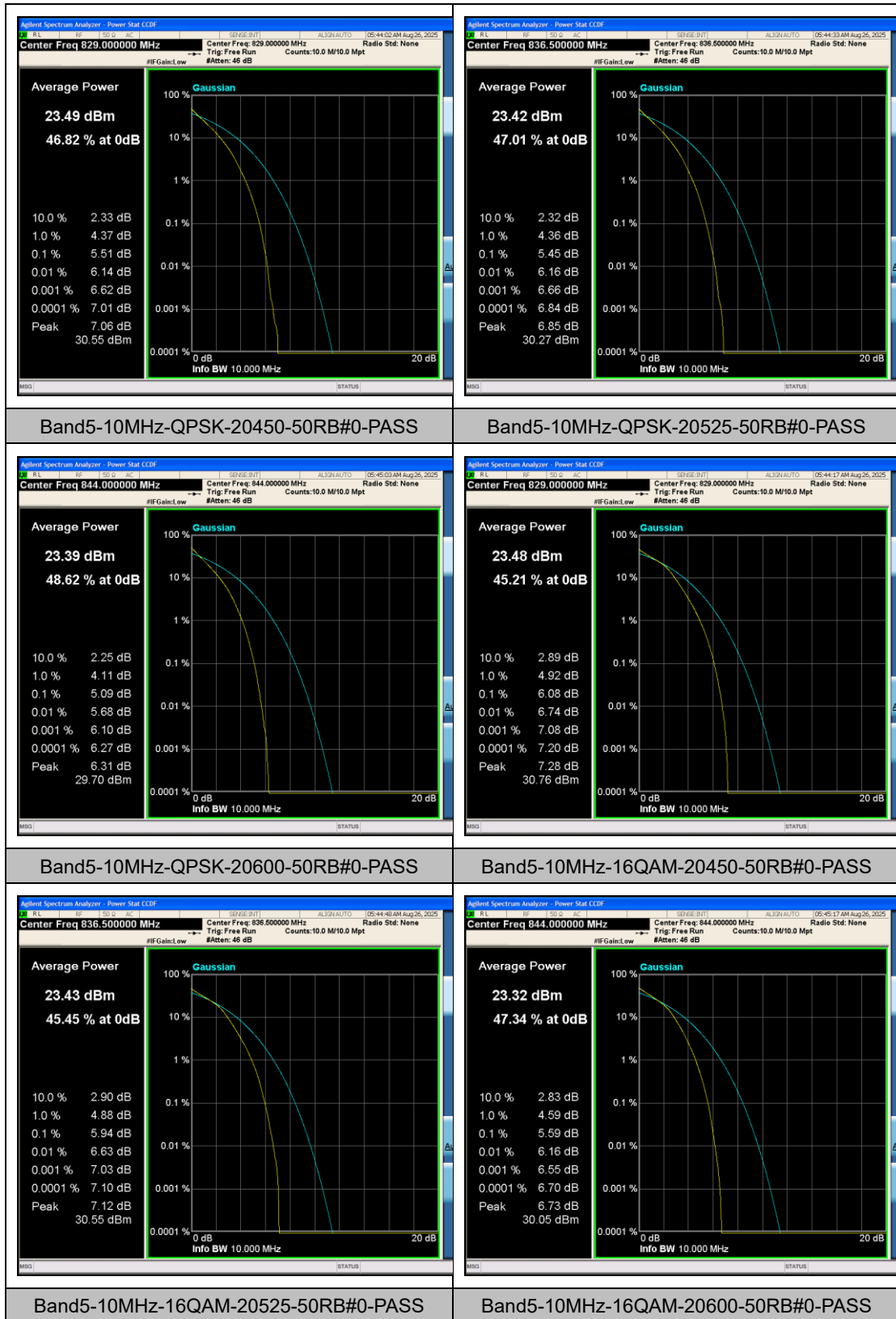
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.28	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.81	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.74	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.87	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.18	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.45	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.55	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.16	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.04	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.01	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.61	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.55	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.52	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.11	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.01	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	7.72	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.45	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.09	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.08	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.59	13	PASS

Test Graphs







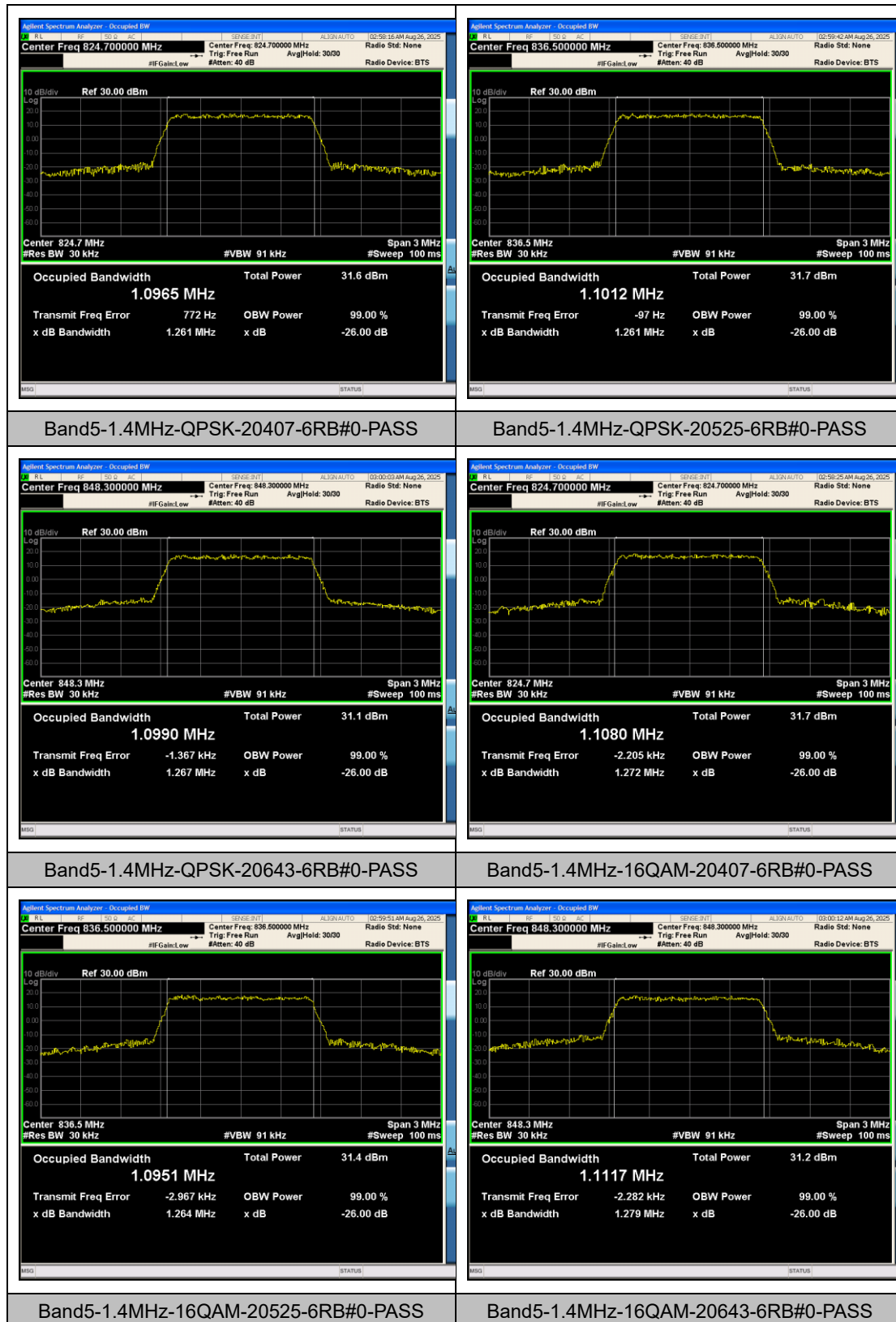


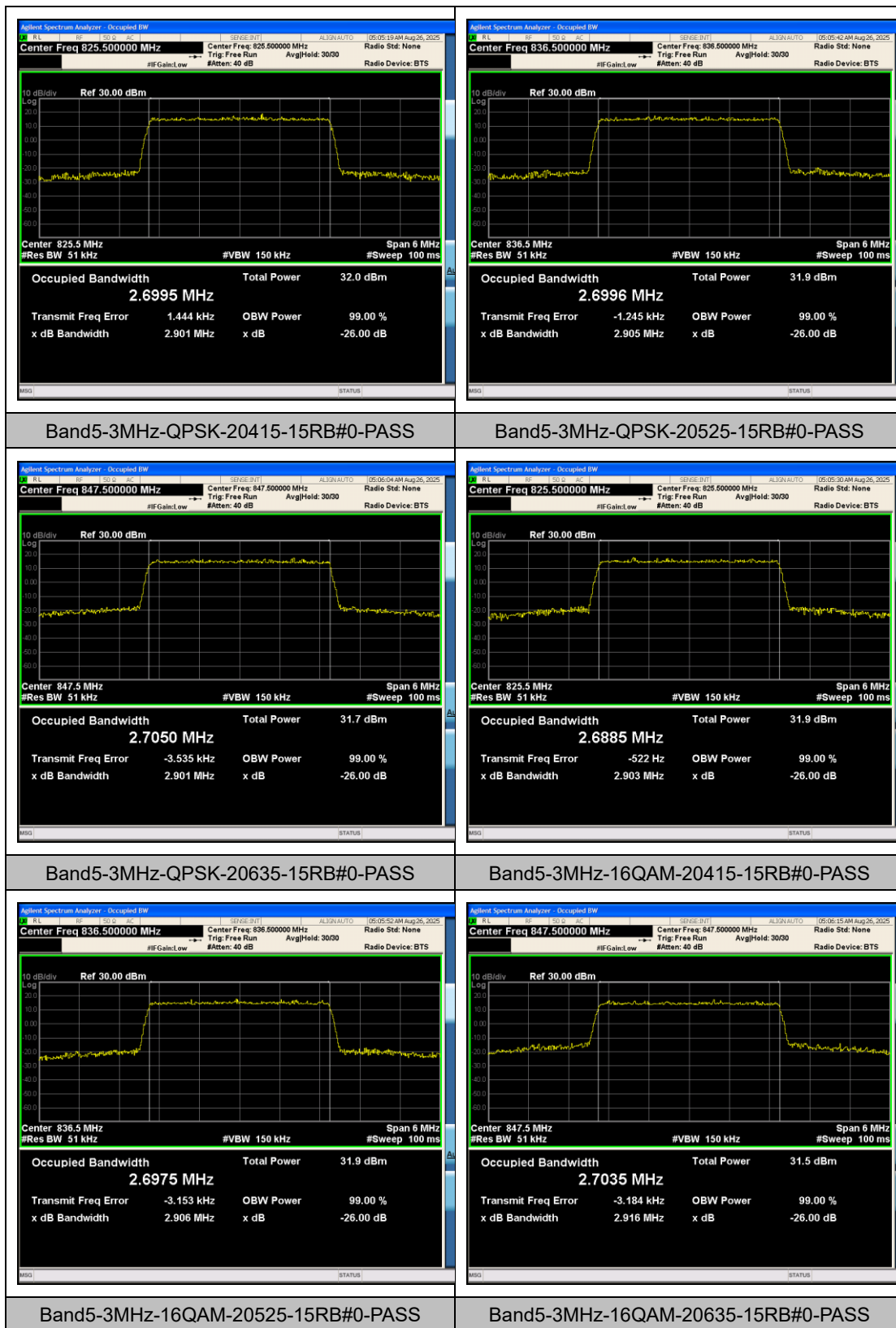
Appendix C: 26dB Bandwidth and Occupied Bandwidth

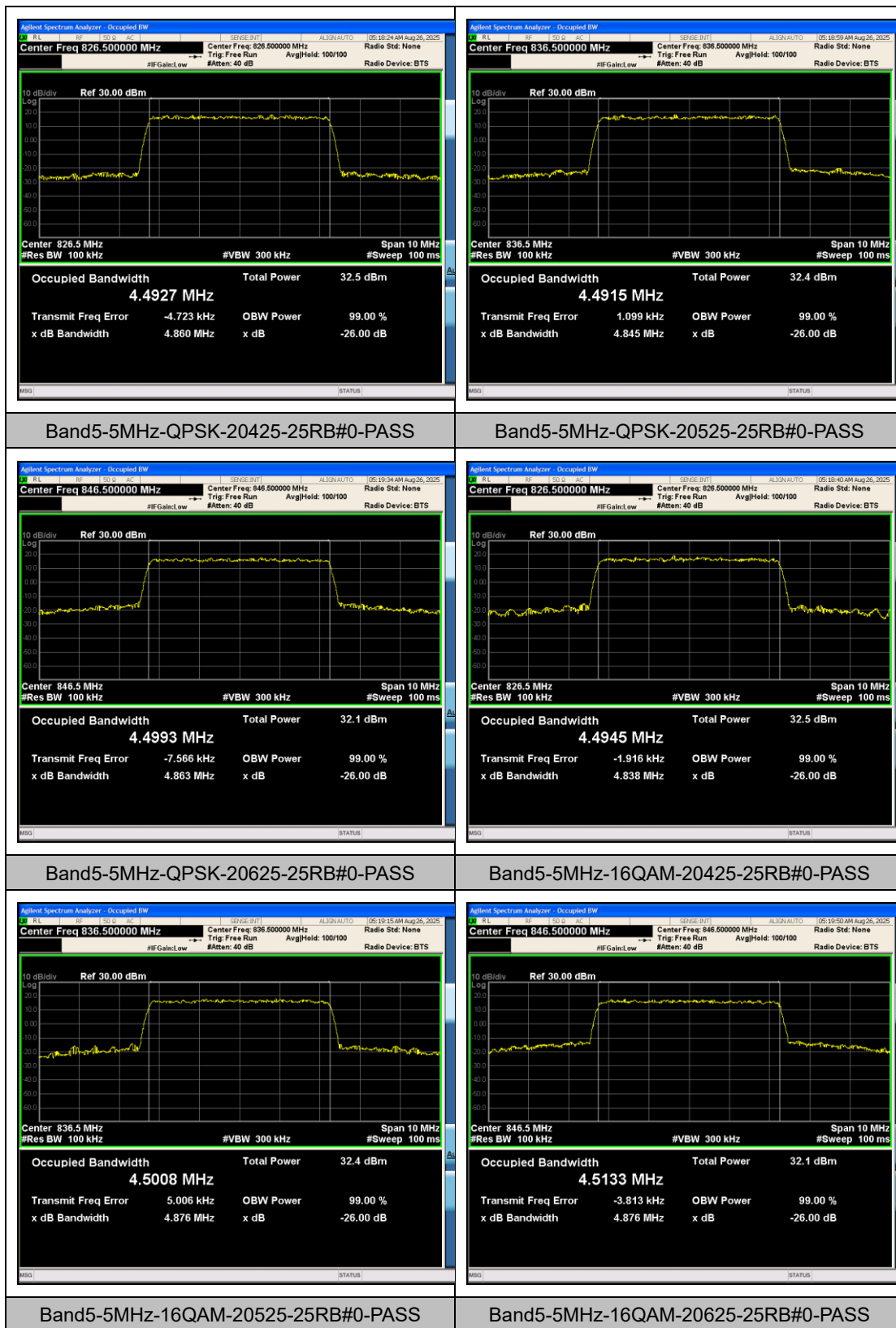
Test Result

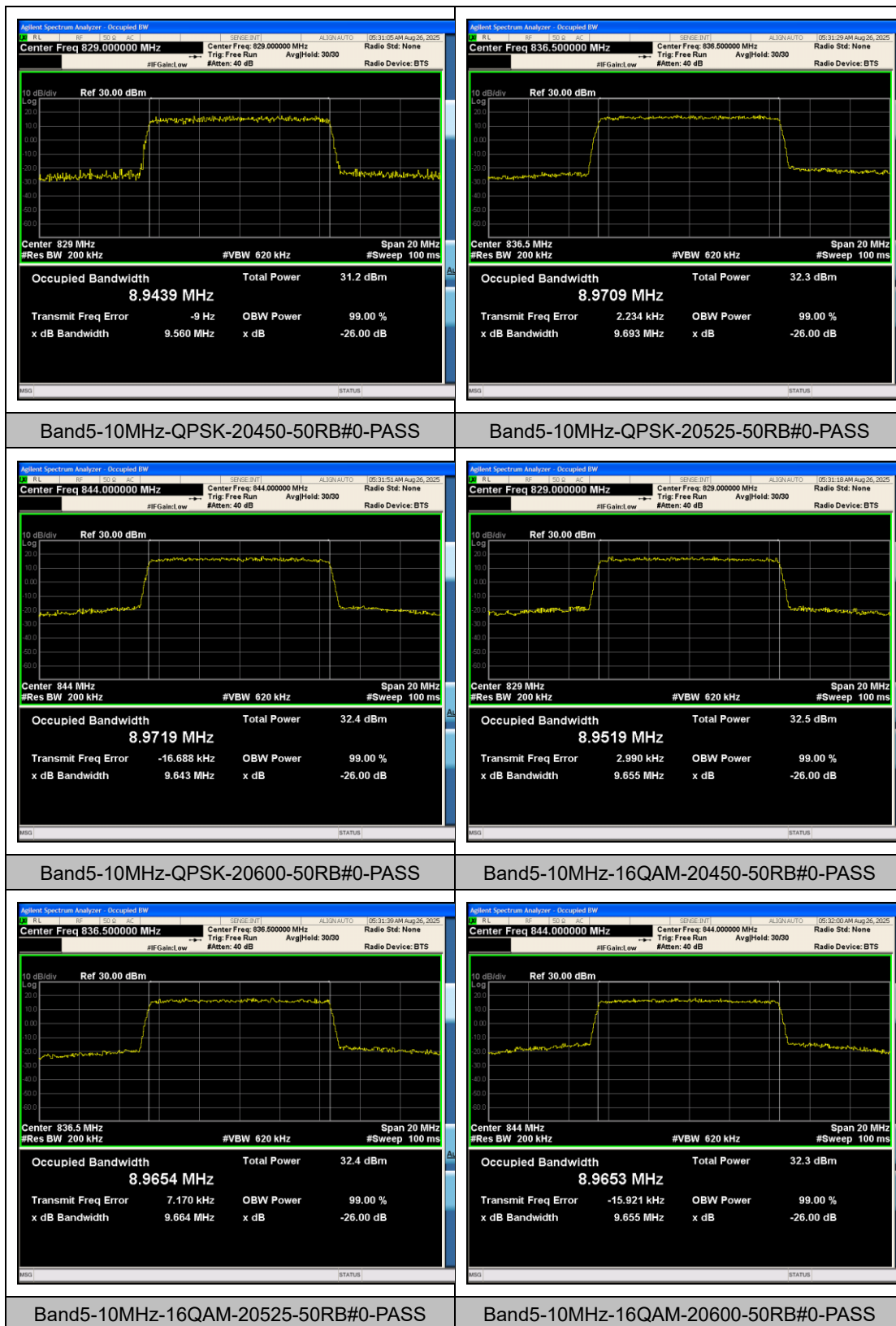
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0965	1.261	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1012	1.261	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0990	1.267	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1080	1.272	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0951	1.264	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1117	1.279	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6995	2.901	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6996	2.905	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7050	2.901	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6885	2.903	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6975	2.906	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7035	2.916	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4927	4.860	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4915	4.845	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4993	4.863	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4945	4.838	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5008	4.876	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5133	4.876	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9439	9.560	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9709	9.693	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9719	9.643	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9519	9.655	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9654	9.664	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9653	9.655	PASS

Test Graphs







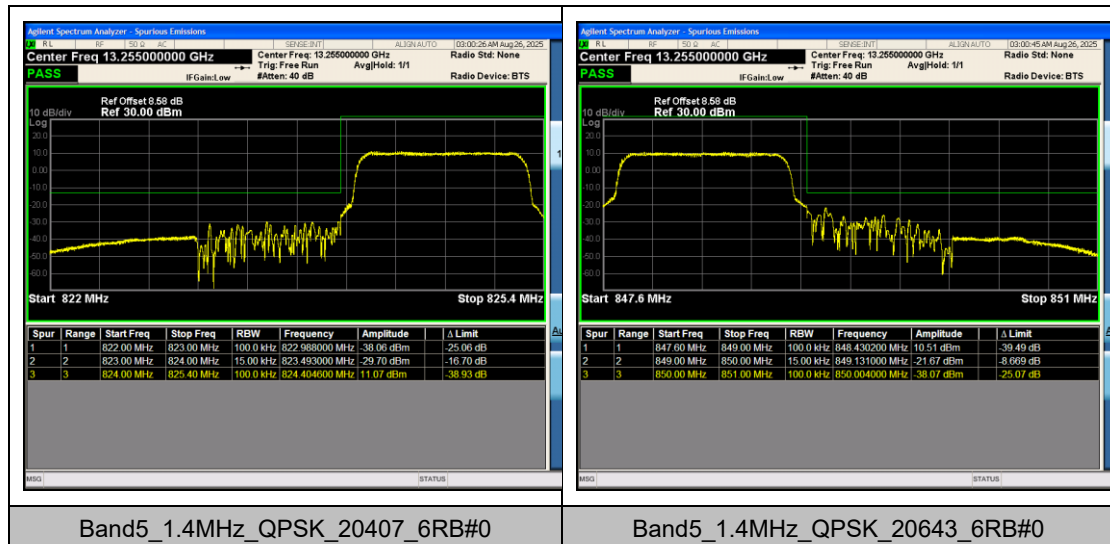


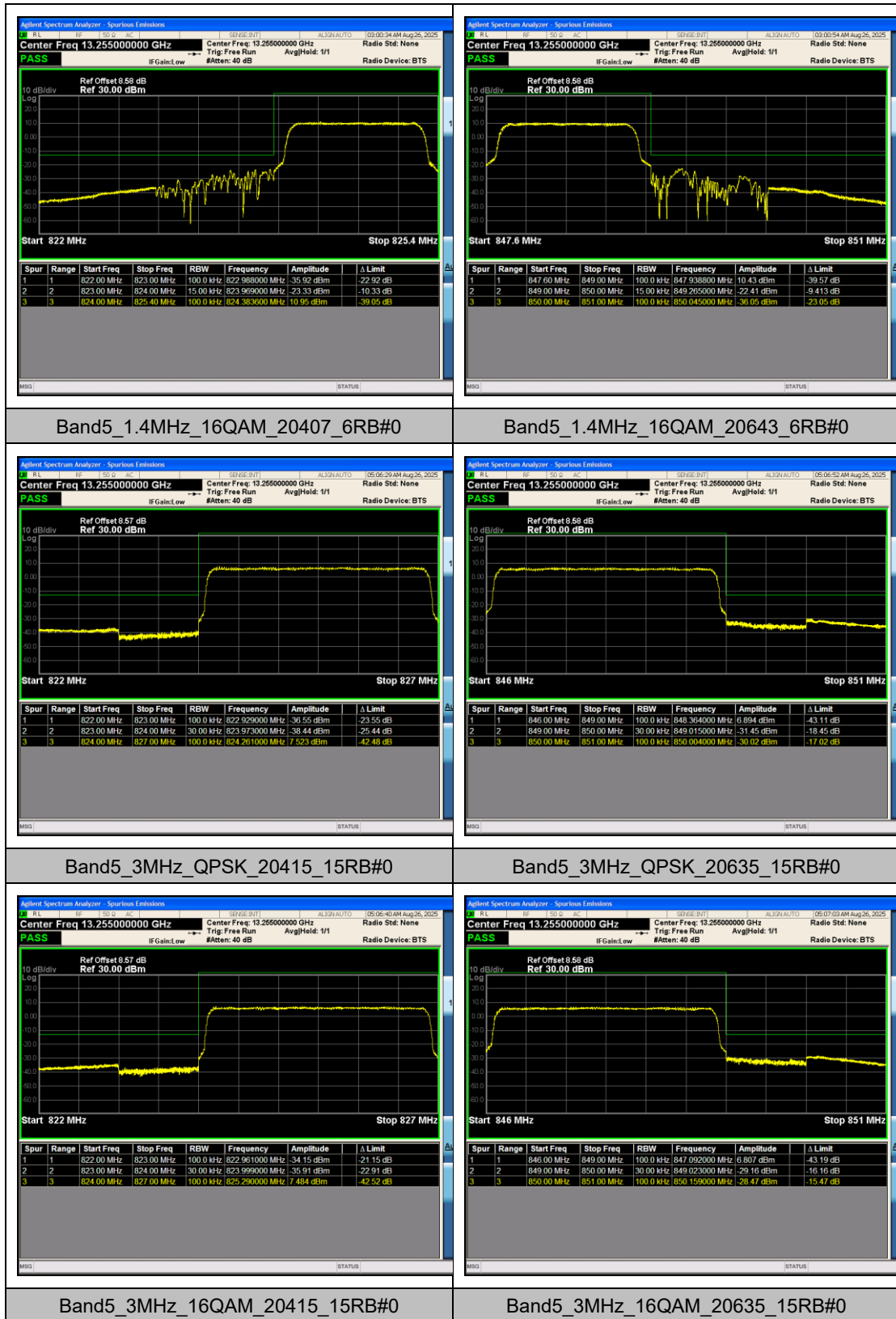
Appendix D: Band Edge

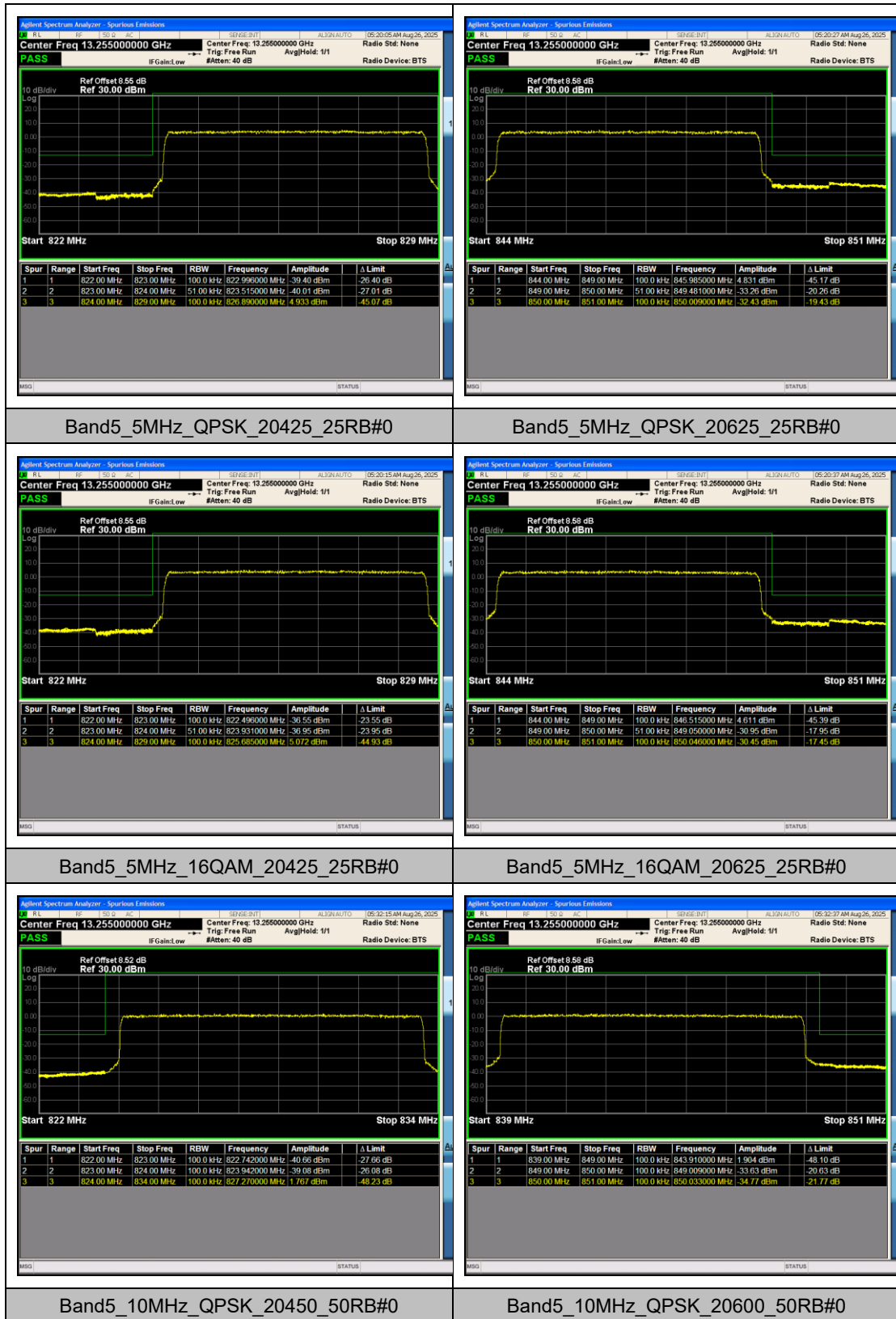
Test Result

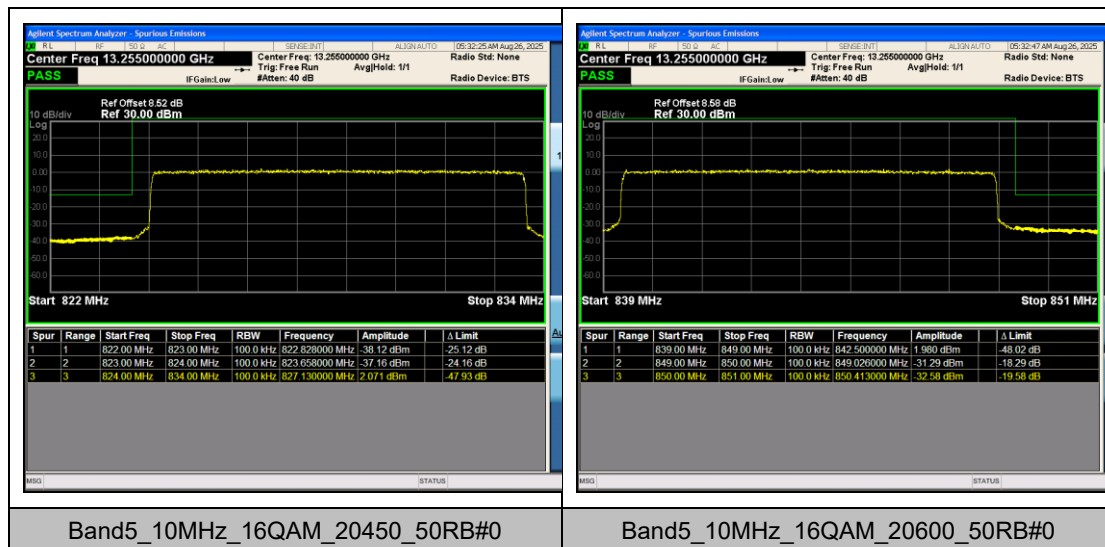
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.70	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-21.67	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-23.33	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-22.41	PASS
Band5	3MHz	QPSK	20415	15RB#0	-36.55	PASS
Band5	3MHz	QPSK	20635	15RB#0	-30.02	PASS
Band5	3MHz	16QAM	20415	15RB#0	-34.15	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.47	PASS
Band5	5MHz	QPSK	20425	25RB#0	-39.40	PASS
Band5	5MHz	QPSK	20625	25RB#0	-32.43	PASS
Band5	5MHz	16QAM	20425	25RB#0	-36.55	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	-39.08	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.63	PASS
Band5	10MHz	16QAM	20450	50RB#0	-37.16	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.29	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	-42.22	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-54.37	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-49.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-44.24	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.11	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-40.41	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-52.89	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-49.92	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-43.78	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.22	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-43.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-53.32	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-46.48	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-44.41	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-42.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-41.43	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-52.25	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-49.16	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-43.59	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.01	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-38.90	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-53.53	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-48.79	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-43.77	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-42.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-38.93	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-52.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-47.73	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-44.07	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-42.73	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-42.13	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-52.46	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-54.94	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.14	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-41.37	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-55.15	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-53.40	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-46.50	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.11	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-39.86	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-52.95	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-53.63	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-45.76	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.17	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-43.17	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-53.43	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-55.48	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-45.98	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.34	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-39.86	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-52.80	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.59	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-45.76	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-42.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-43.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-52.28	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-53.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.28	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-42.50	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-39.80	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-52.44	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-58.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-46.56	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-42.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-37.31	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-54.06	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-56.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-46.17	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.11	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-40.36	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-52.53	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-57.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.43	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-42.61	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-37.63	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-52.94	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-58.19	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-46.48	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.07	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-41.39	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-53.71	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-54.96	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-46.83	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.06	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-42.77	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-53.89	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-57.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.35	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-39.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-53.81	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-60.73	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.41	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.21	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-39.42	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-52.56	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-60.92	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-46.39	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.37	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-42.68	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-53.44	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-57.82	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.02	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-41.42	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-53.05	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-59.75	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-46.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-42.91	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-40.42	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-53.35	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-56.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.75	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-42.71	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-41.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-53.28	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-57.51	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-46.58	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.00	PASS

Test Graphs

