

Appendix RF Test Data for LTE Band 12

Company: : TOXMATE S.A.C.

EUT : Smart Watch

Model Number : T-TA0006

FCC ID : 2BSMP-T-TA0006

Report No. : CTA25081801010

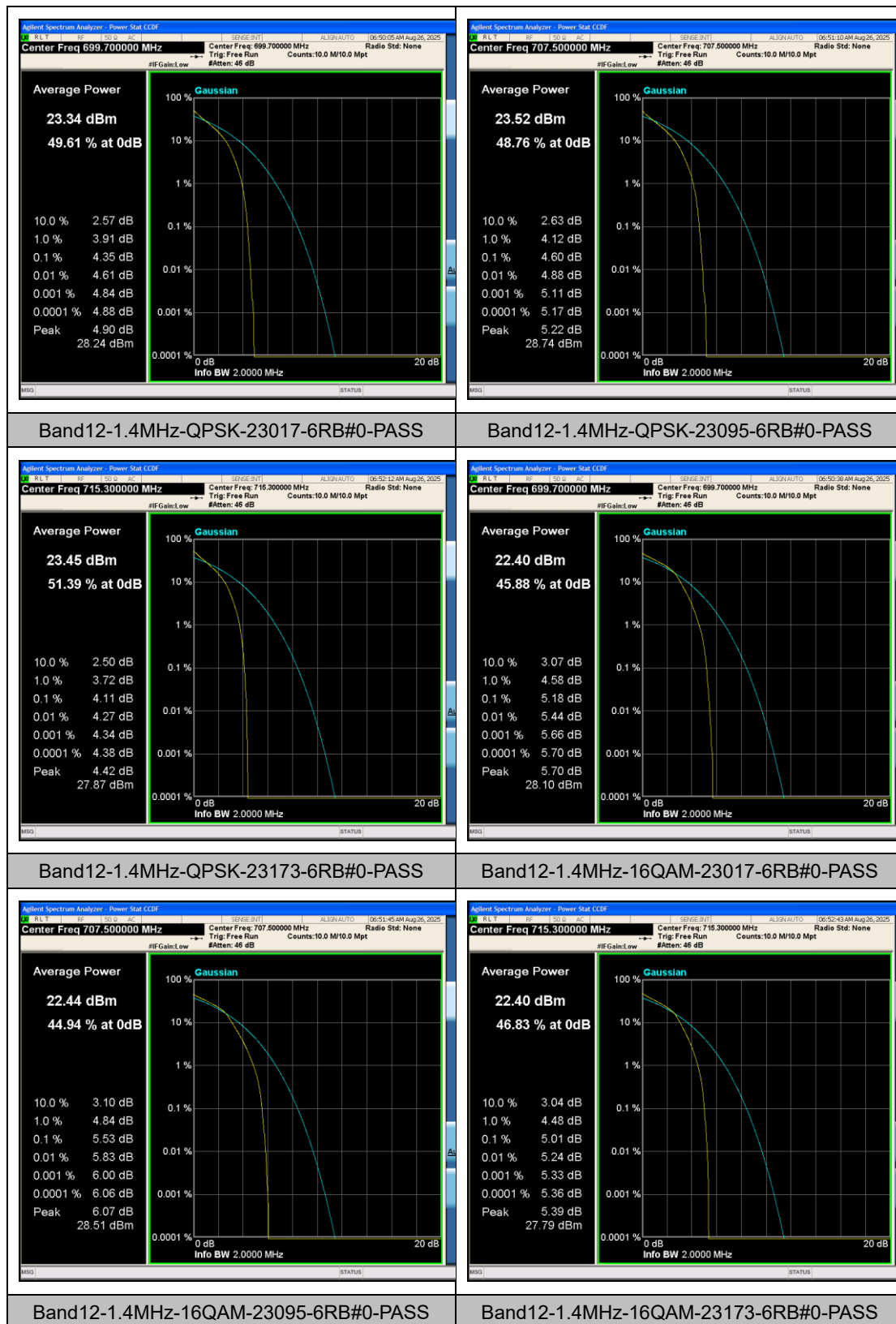
Reviewed By : Eric Wang

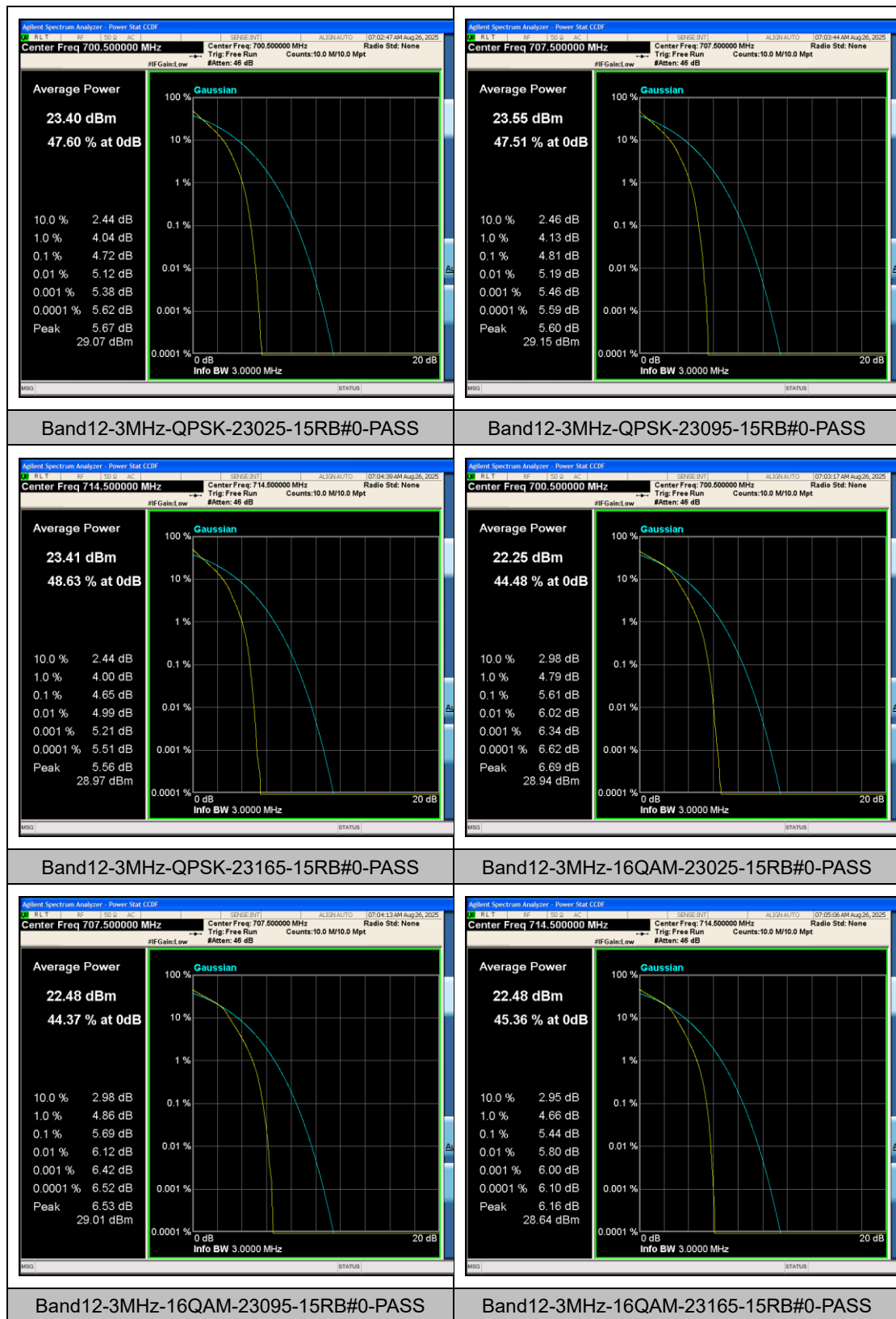
Appendix B: Peak-to-Average Ratio(CCDF)

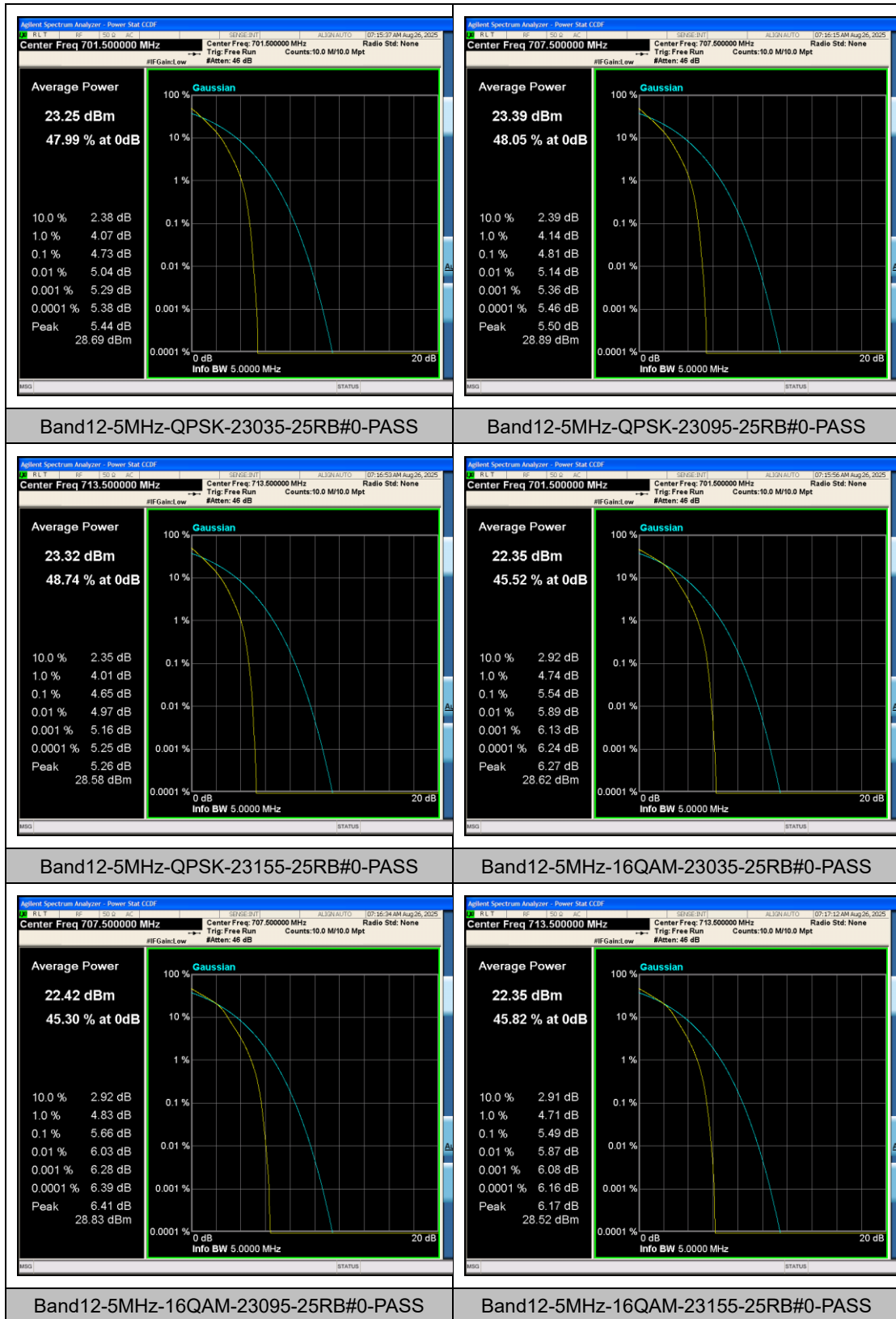
Test Result

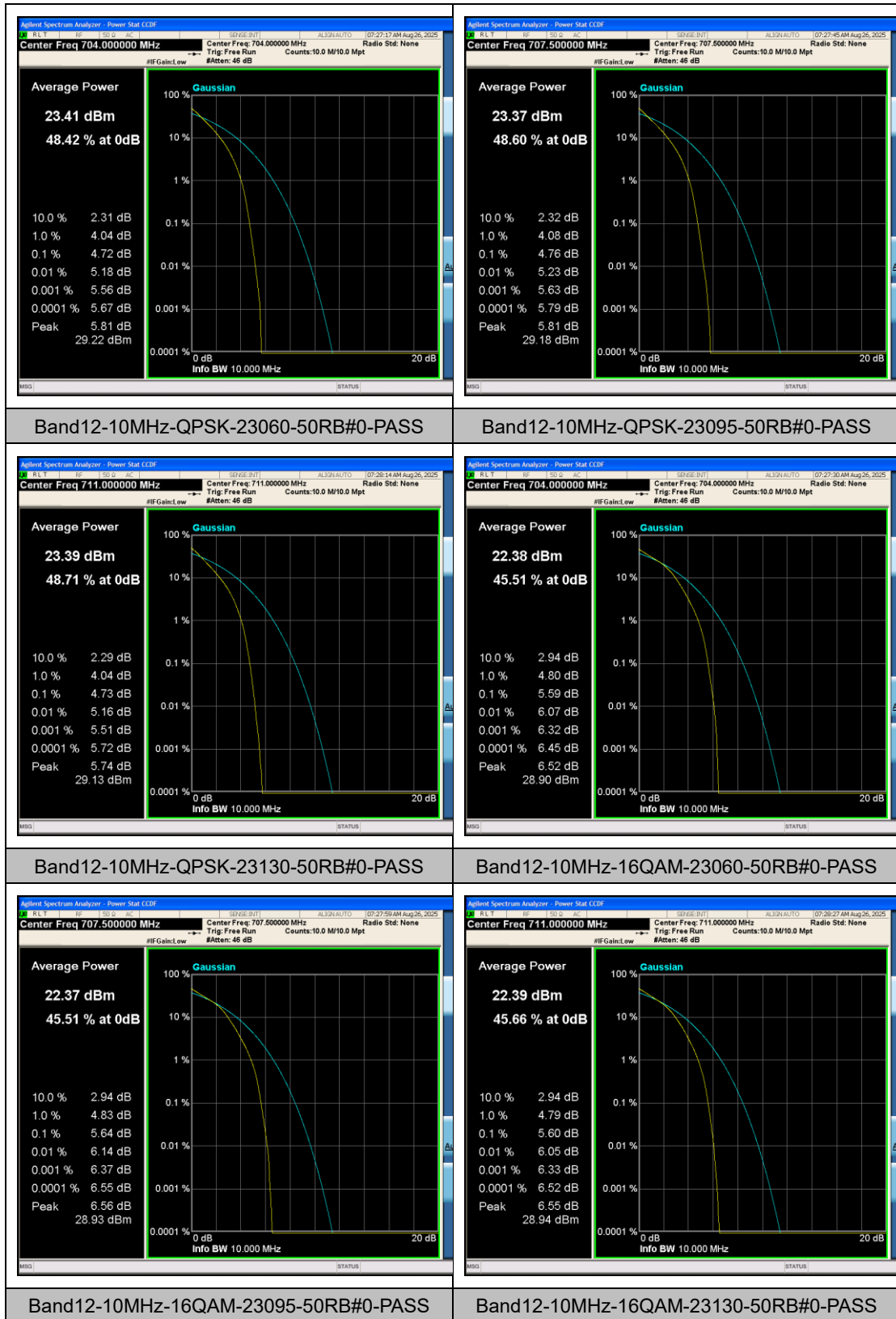
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.35	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.60	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.11	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.18	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.53	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.01	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.72	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.81	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.65	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.61	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.69	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.44	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.73	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.81	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.65	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.49	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.72	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.76	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.73	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.59	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.60	13	PASS

Test Graphs







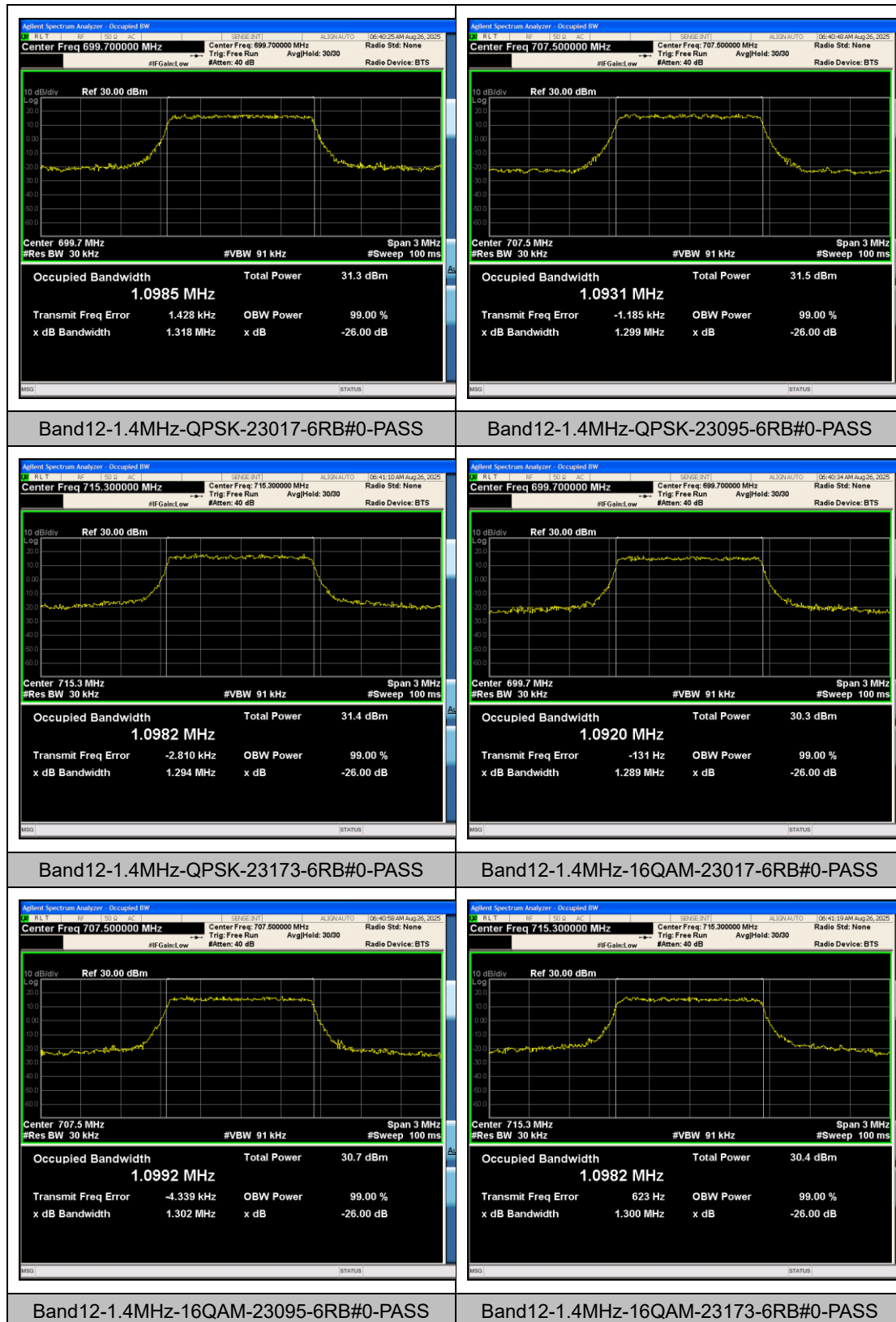


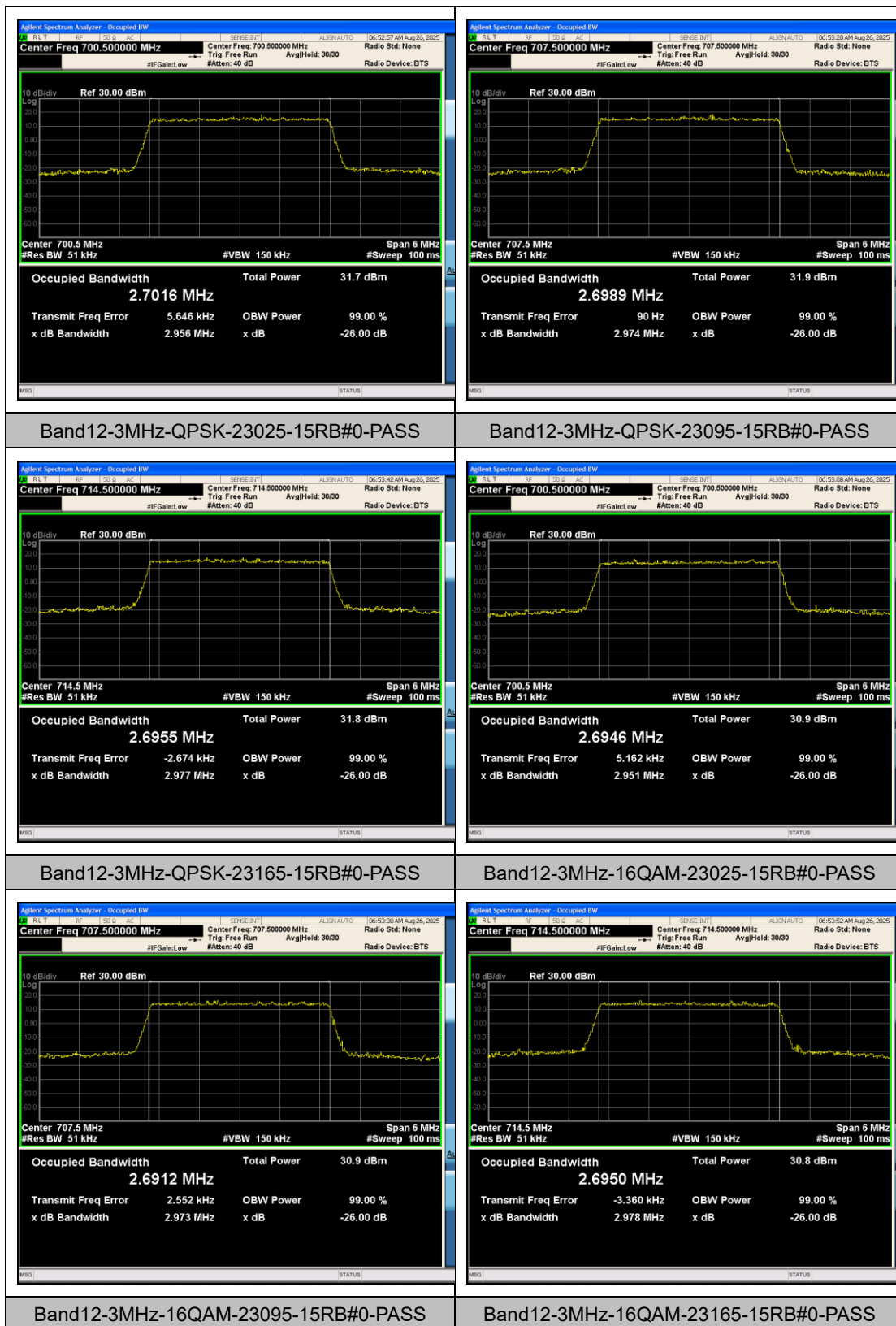
Appendix C: 26dB Bandwidth and Occupied Bandwidth

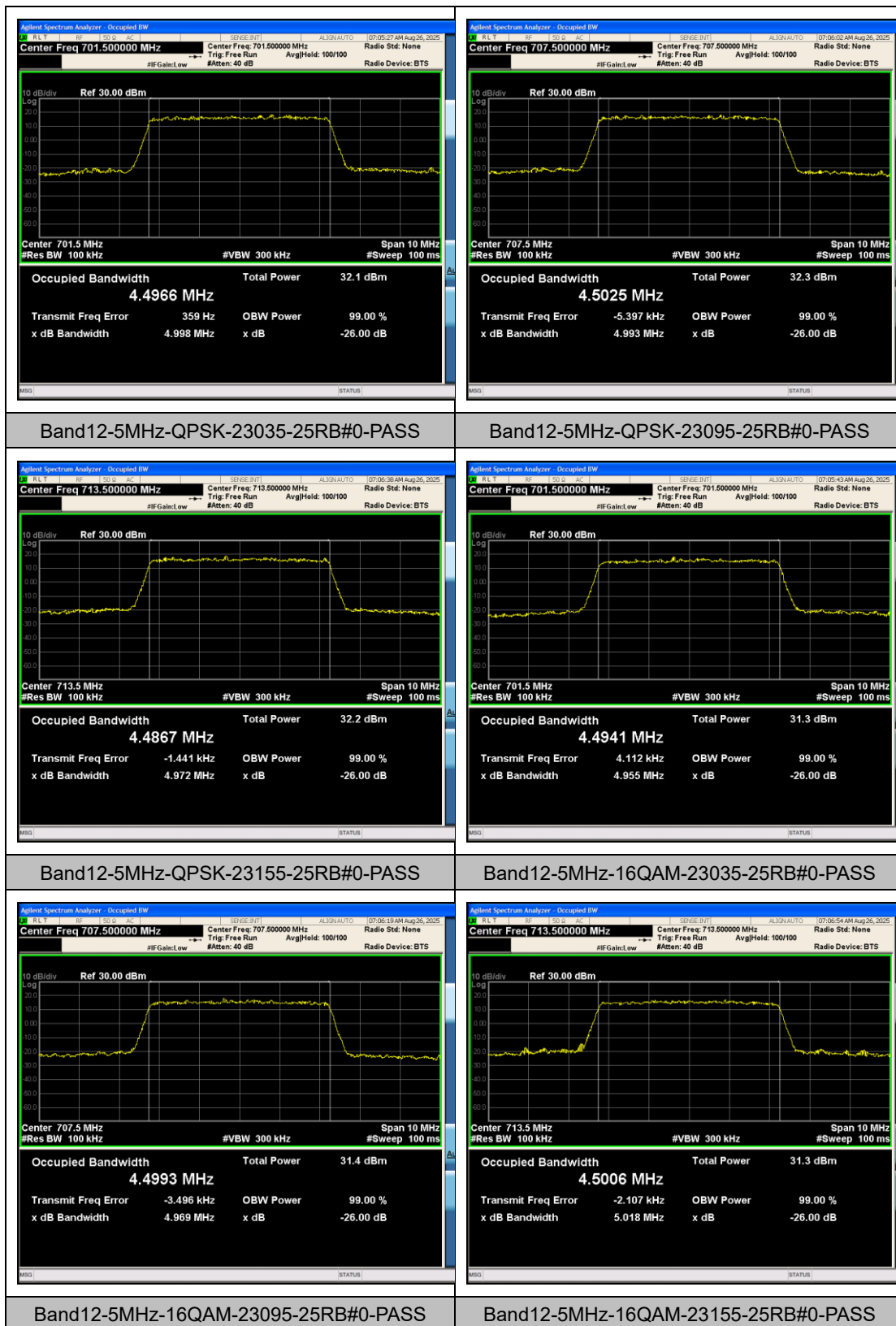
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0985	1.318	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0931	1.299	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0982	1.294	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0920	1.289	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0992	1.302	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0982	1.300	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7016	2.956	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6989	2.974	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6955	2.977	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6946	2.951	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6912	2.973	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6950	2.978	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4966	4.998	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5025	4.993	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4867	4.972	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4941	4.955	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4993	4.969	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5006	5.018	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9583	9.877	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9653	9.889	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9791	9.916	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9477	9.802	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9805	9.878	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9719	9.884	PASS

Test Graphs







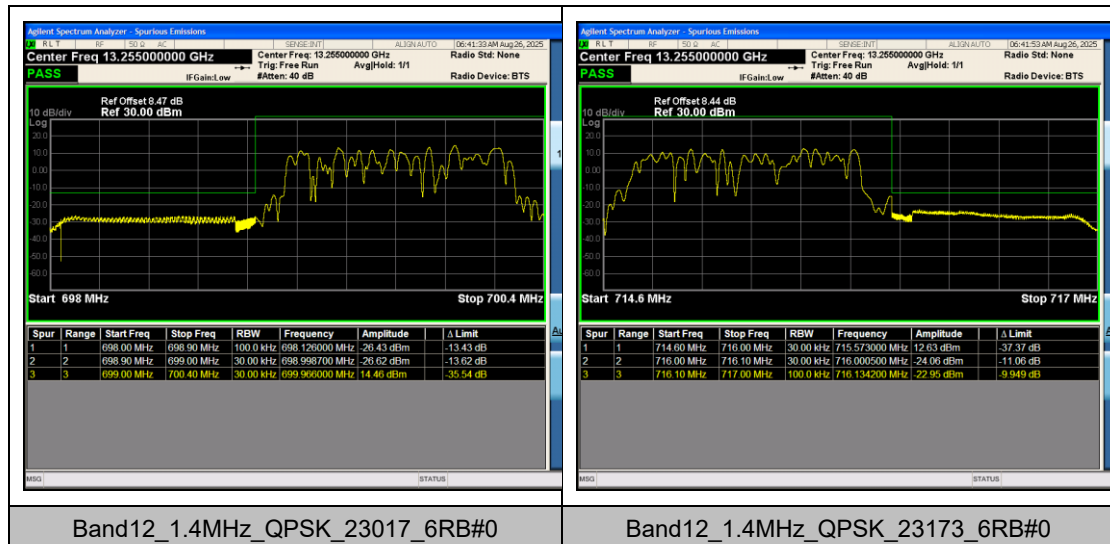


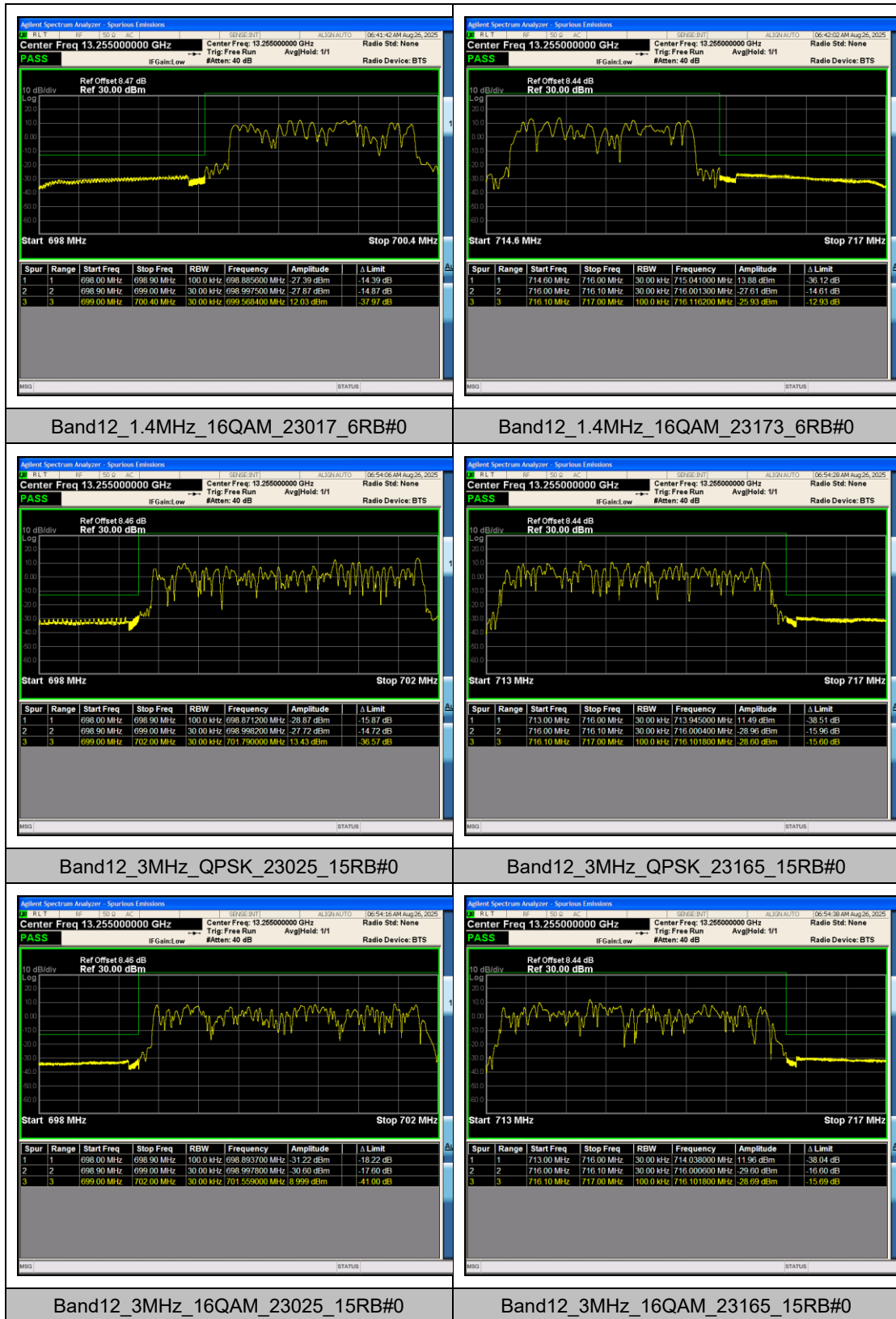
Appendix D: Band Edge

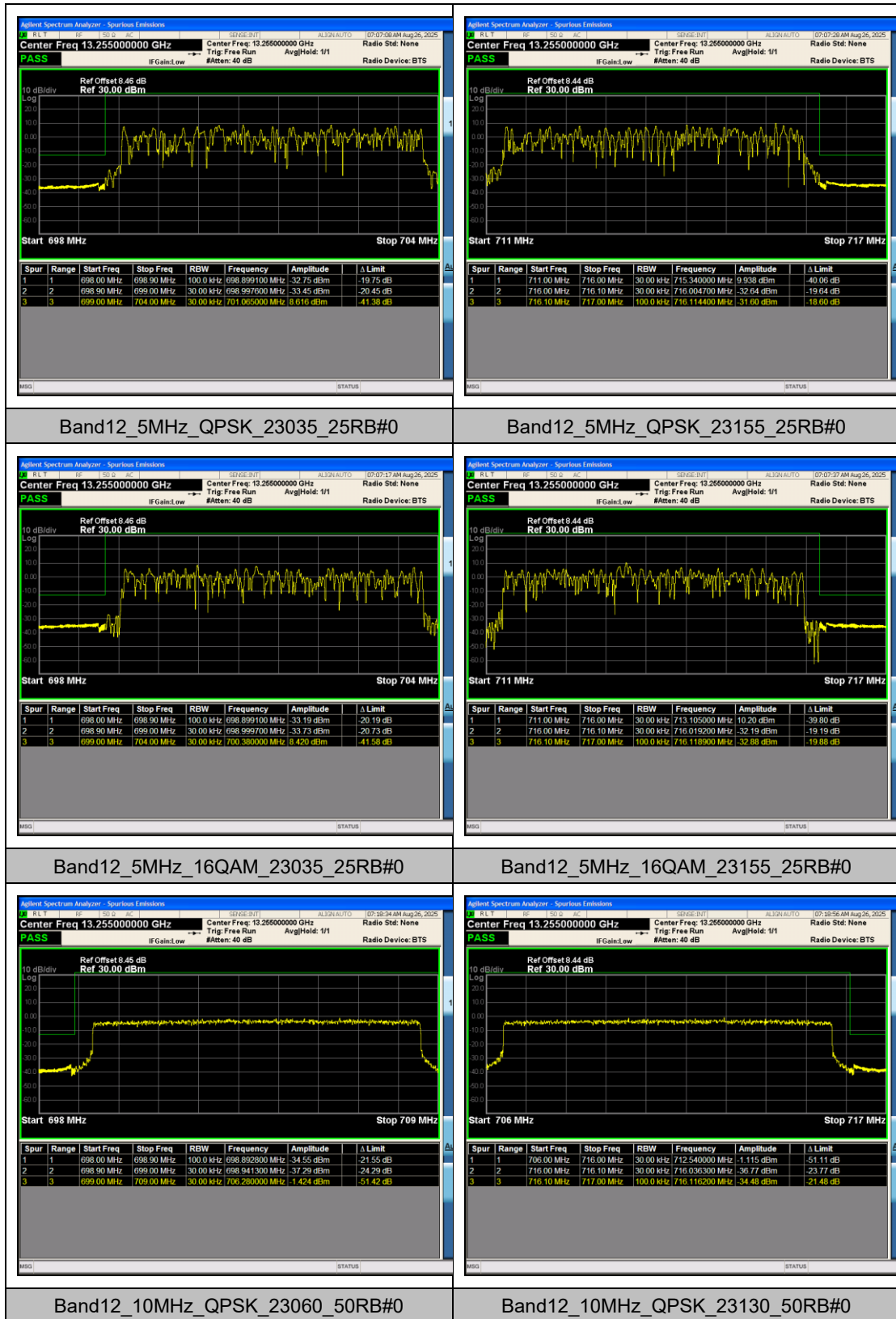
Test Result

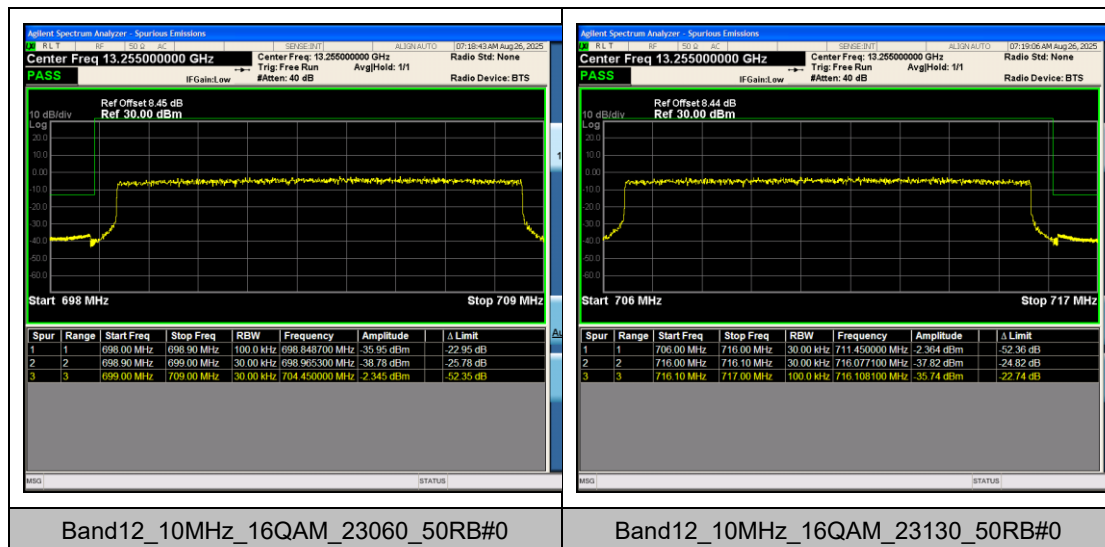
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.43	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.95	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-27.39	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-25.93	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.72	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.60	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.60	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.69	PASS
Band12	5MHz	QPSK	23035	25RB#0	-32.75	PASS
Band12	5MHz	QPSK	23155	25RB#0	-31.60	PASS
Band12	5MHz	16QAM	23035	25RB#0	-33.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	-32.19	PASS
Band12	10MHz	QPSK	23060	50RB#0	-34.55	PASS
Band12	10MHz	QPSK	23130	50RB#0	-34.48	PASS
Band12	10MHz	16QAM	23060	50RB#0	-35.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	-35.74	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-42.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-53.04	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-52.62	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-46.59	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-43.11	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-43.38	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-53.43	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-50.81	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-45.99	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-42.89	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-40.16	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-54.00	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-51.89	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-46.03	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-43.19	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-39.93	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-52.92	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-52.39	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-46.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-42.83	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-39.47	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-53.27	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-53.65	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-46.09	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-43.09	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-38.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-51.32	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-52.57	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-45.98	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-43.21	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-39.84	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-52.98	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-51.05	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-46.41	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-42.89	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-40.41	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-52.01	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-51.12	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-46.46	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-43.07	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-42.75	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-52.34	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-50.13	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-46.63	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-43.01	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-41.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-51.96	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-53.33	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-46.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-43.06	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-41.75	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-52.17	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-51.80	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-45.40	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-43.26	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-38.40	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-53.43	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-52.10	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-46.80	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-43.13	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-43.11	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-53.00	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-52.00	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-46.66	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-42.92	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-42.10	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-53.09	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-54.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-46.34	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-43.30	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-41.88	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-52.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-52.02	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-46.71	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-43.15	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-42.13	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-52.74	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-54.27	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-46.35	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.13	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-40.37	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-50.96	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-55.93	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-46.64	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-42.87	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-38.72	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-50.63	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-53.85	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-46.56	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-43.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-38.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-54.02	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-61.36	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-46.68	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-42.97	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-42.85	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-50.62	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-60.81	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-46.61	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.13	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-41.40	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-53.79	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-60.94	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-46.58	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.12	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-44.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-52.83	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-61.31	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-46.60	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-43.18	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-41.44	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-53.33	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-61.26	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-46.52	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-42.93	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-41.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-53.52	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-61.35	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-46.51	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.18	PASS

Test Graphs

