

FCC LTE Band Test Data

FCC ID : 2BL6E-KDC-LT31

Company: : Eyesun Technology Co.,Ltd

EUT : Kids Smart Watch

HVIN(Model) : KDC-LT31

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.02	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.04	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.03	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.90	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.97	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.08	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.23	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.18	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.24	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.24	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.17	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.13	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.21	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.14	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.19	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.20	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.10	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.05	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.03	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.02	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.11	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.86	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.12	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.93	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.93	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.79	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.26	PASS

Band12	1.4MHz	16QAM	23173	1RB#2	23.32	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.14	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.81	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.97	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.89	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.17	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.73	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.68	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.78	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.86	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.93	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.91	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.14	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.37	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.34	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.23	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.15	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.13	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.23	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.07	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.06	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.12	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.33	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.24	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.14	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.76	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.86	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.89	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.58	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.31	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.04	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.28	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.27	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.15	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.06	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.06	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.04	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.16	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.93	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.67	PASS

Band12	3MHz	16QAM	23165	1RB#14	23.12	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.46	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.01	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.90	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.70	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.13	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.97	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.98	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.98	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.87	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.97	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.33	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.08	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.28	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.20	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.14	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.99	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.26	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.79	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.28	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.29	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.12	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.13	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.92	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.51	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.45	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.08	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.08	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.97	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.87	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.17	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.84	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.35	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.36	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.22	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.17	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.30	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.82	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.18	PASS

Band12	5MHz	16QAM	23155	12RB#0	22.29	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.29	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.23	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.35	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.62	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.05	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.80	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.97	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.92	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.20	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.05	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.98	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.29	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.09	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.17	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.19	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.10	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.10	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.00	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.35	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.74	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.24	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.24	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.06	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.08	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.98	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.88	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.88	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.82	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.46	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.15	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.30	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.28	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.31	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.32	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.46	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.90	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.01	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.11	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.13	PASS

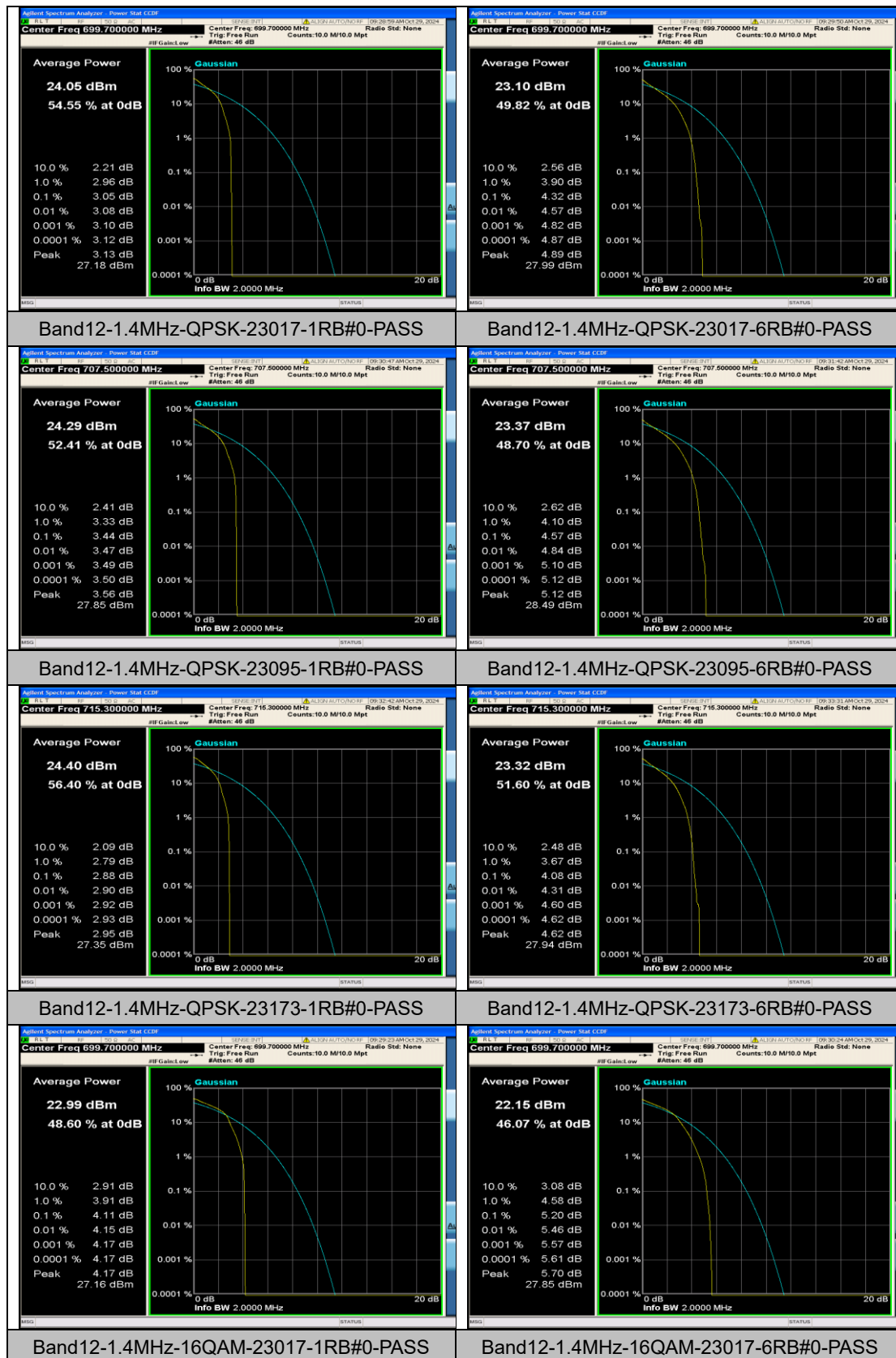
Appendix B: Peak-to-Average Ratio(CCDF)

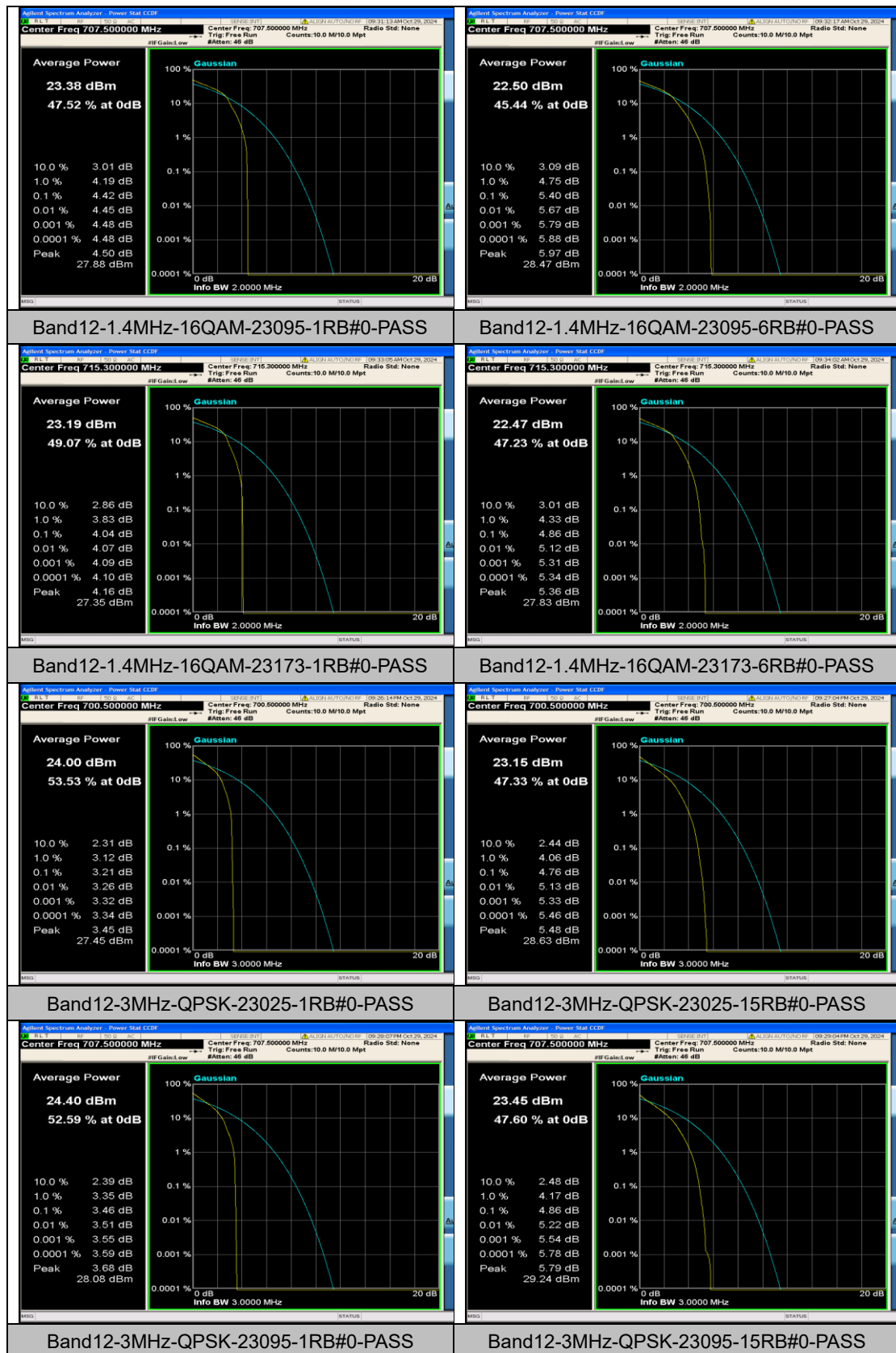
Test Result

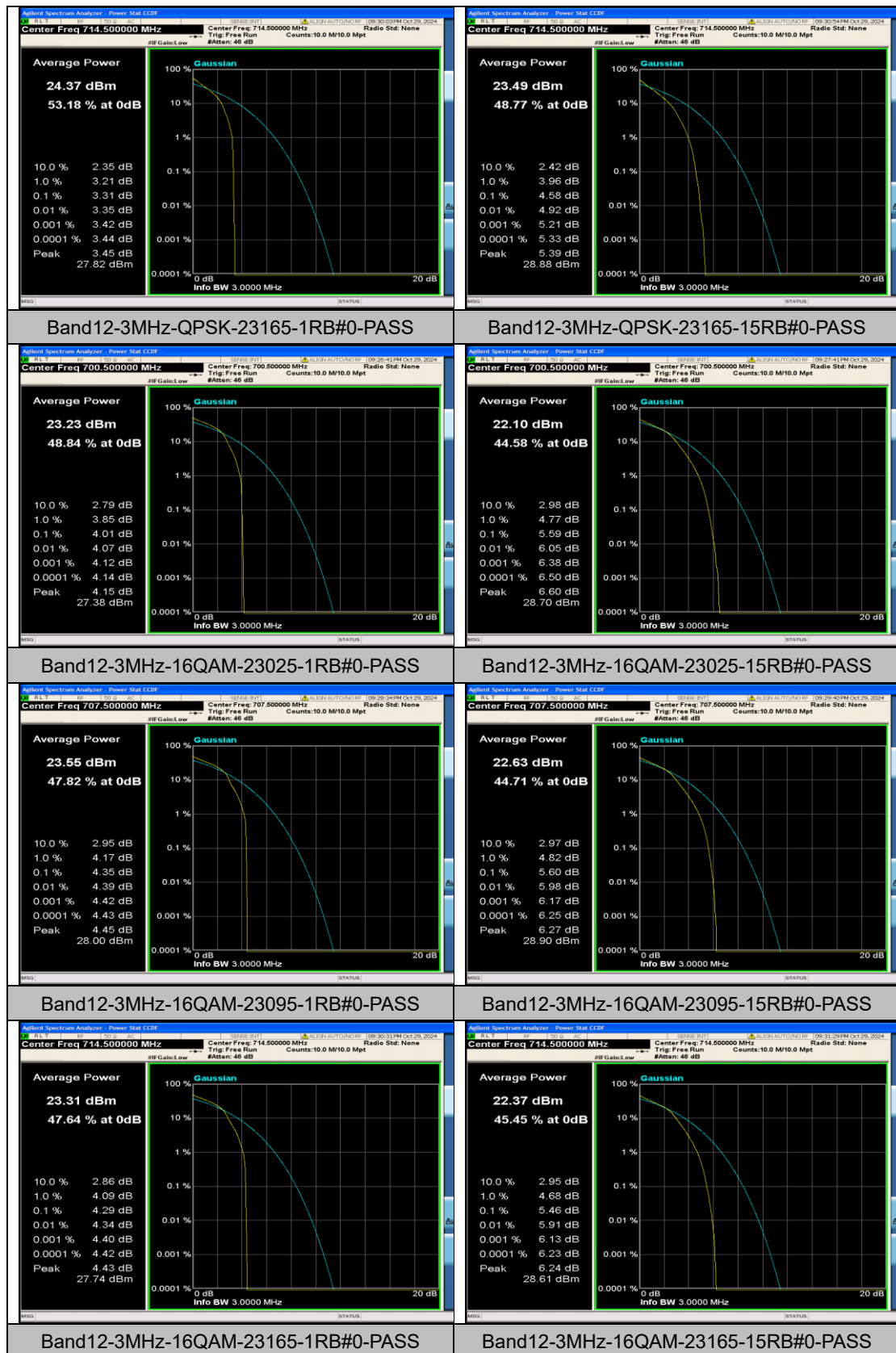
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.05	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.32	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.44	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.57	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	2.88	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.08	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.11	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.20	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.42	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.04	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.86	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.21	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.76	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.46	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.86	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.31	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.58	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.01	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.59	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.35	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.60	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.29	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.46	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.17	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.71	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.37	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.77	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.38	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.60	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	3.99	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.46	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.26	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.20	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.39	13	PASS

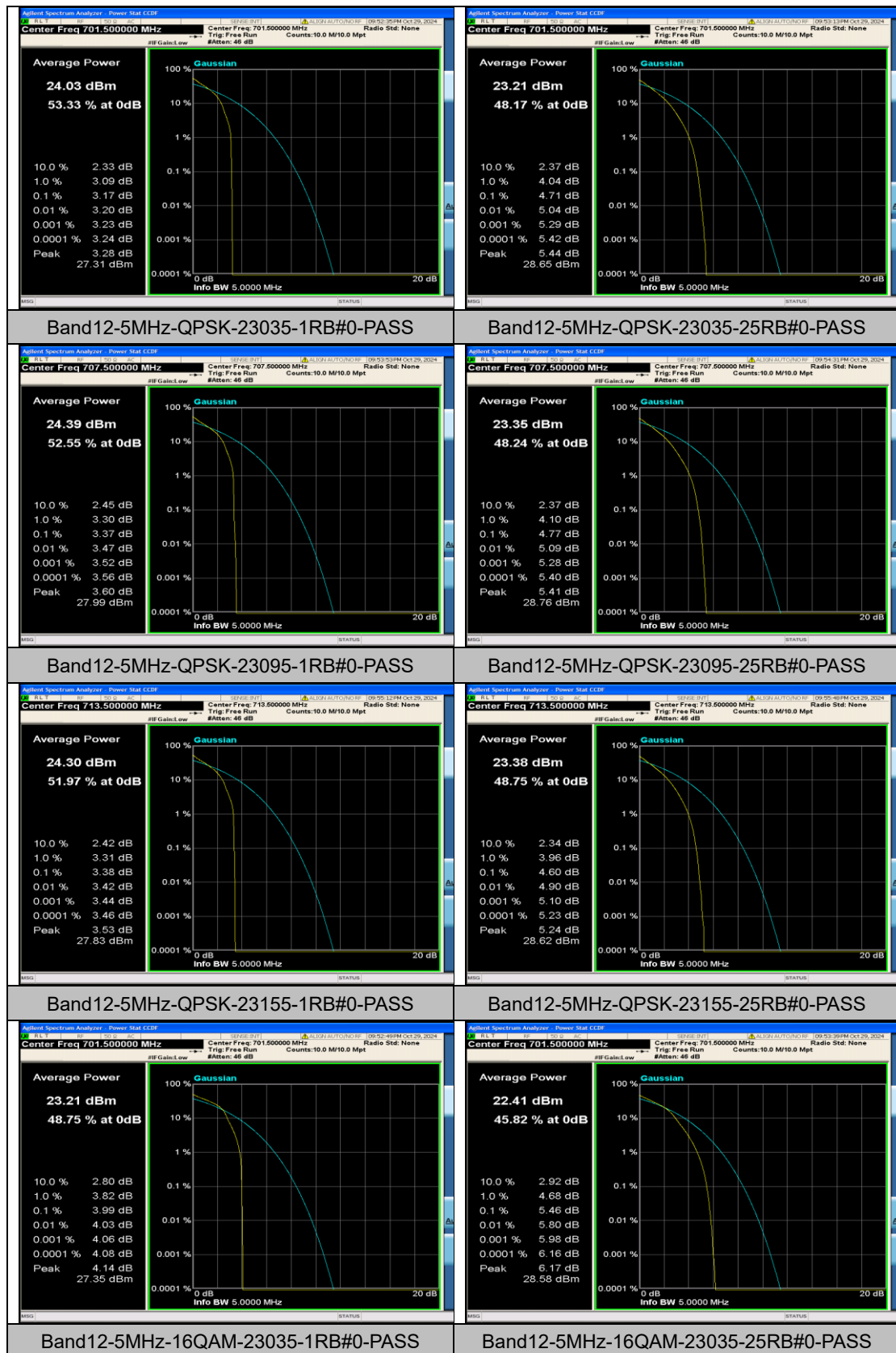
Band12	10MHz	QPSK	23060	1RB#0	3.30	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.69	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.48	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.72	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.42	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.73	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.05	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.45	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.28	13	PASS

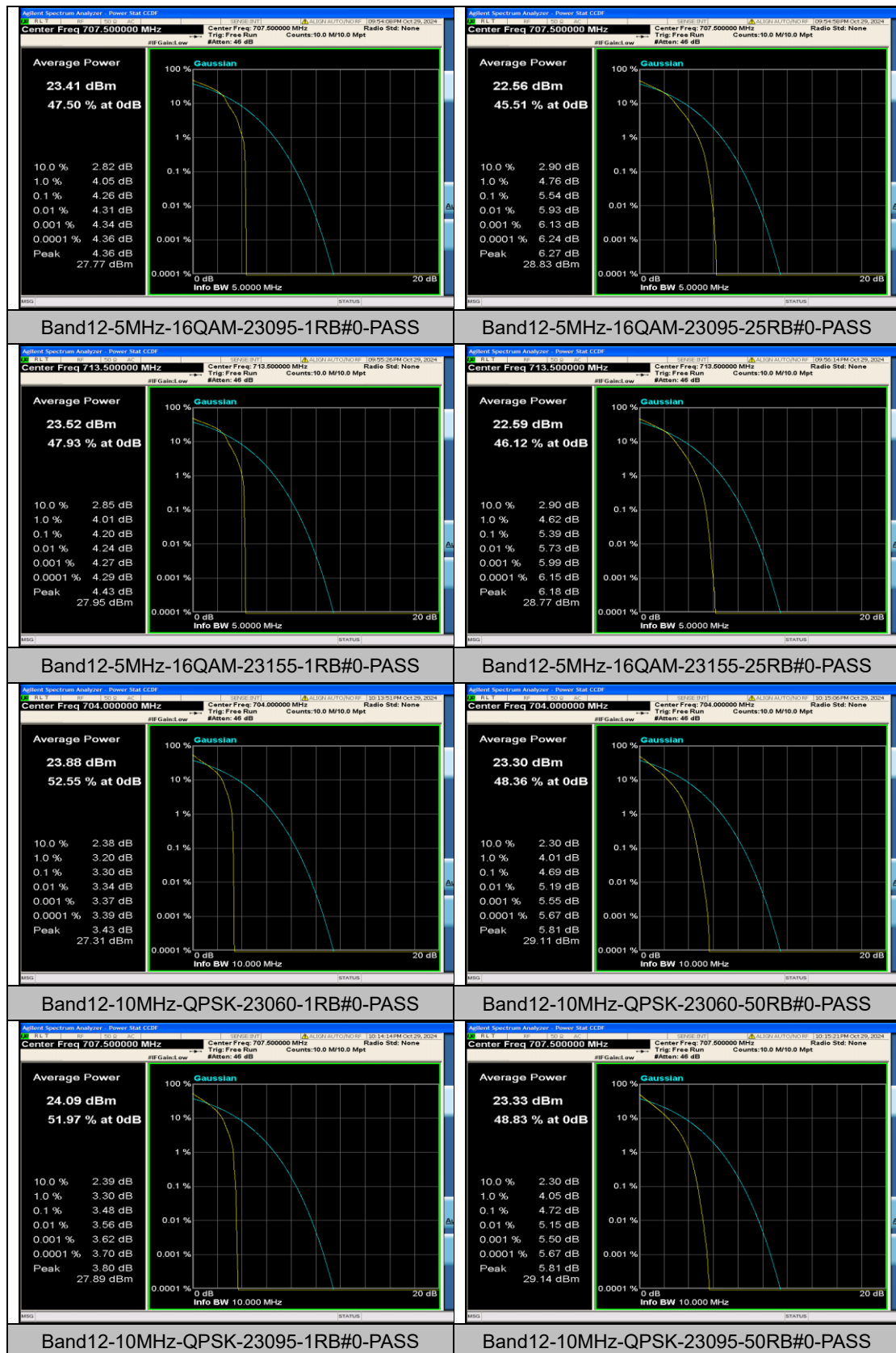
Test Graphs

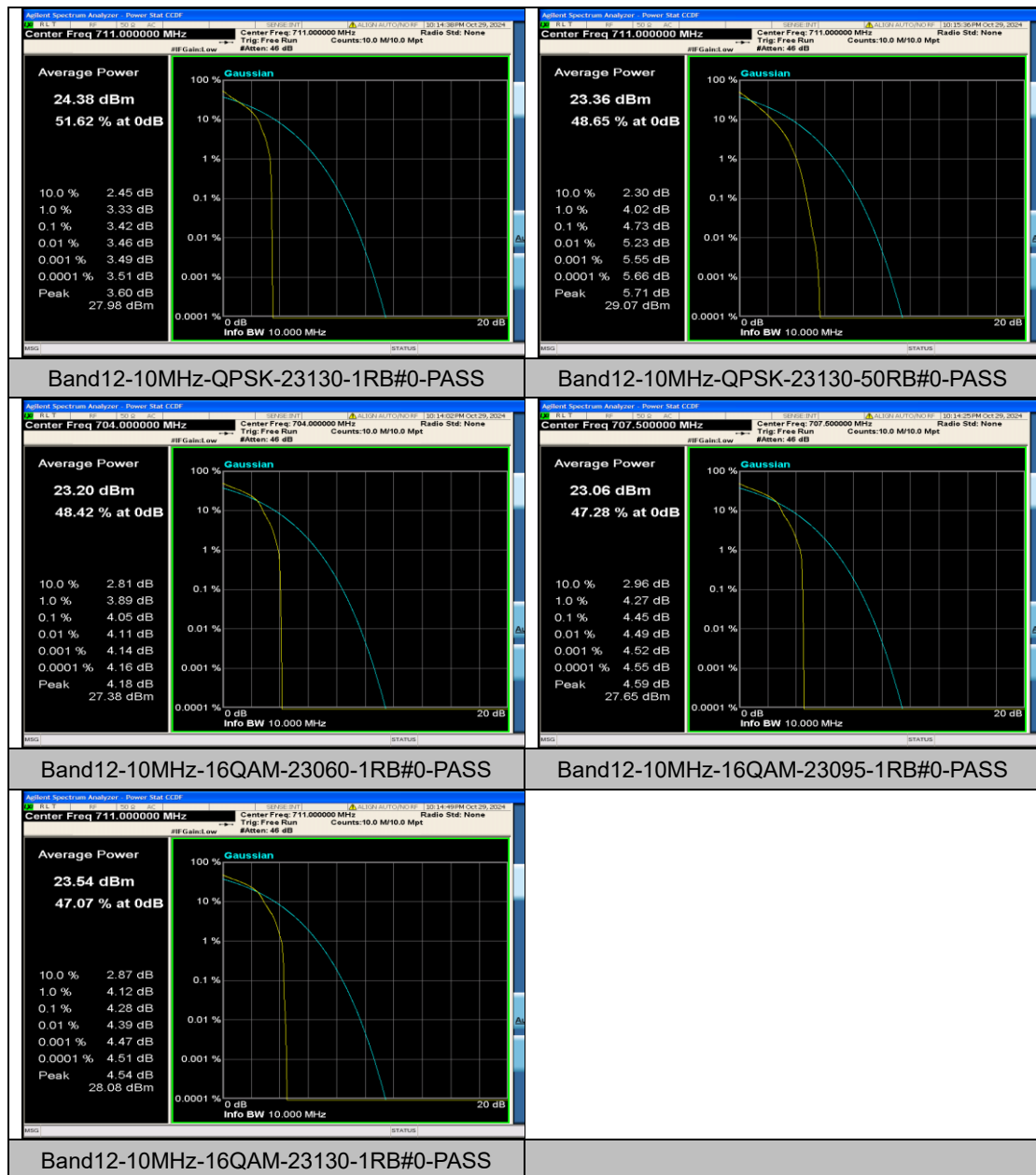










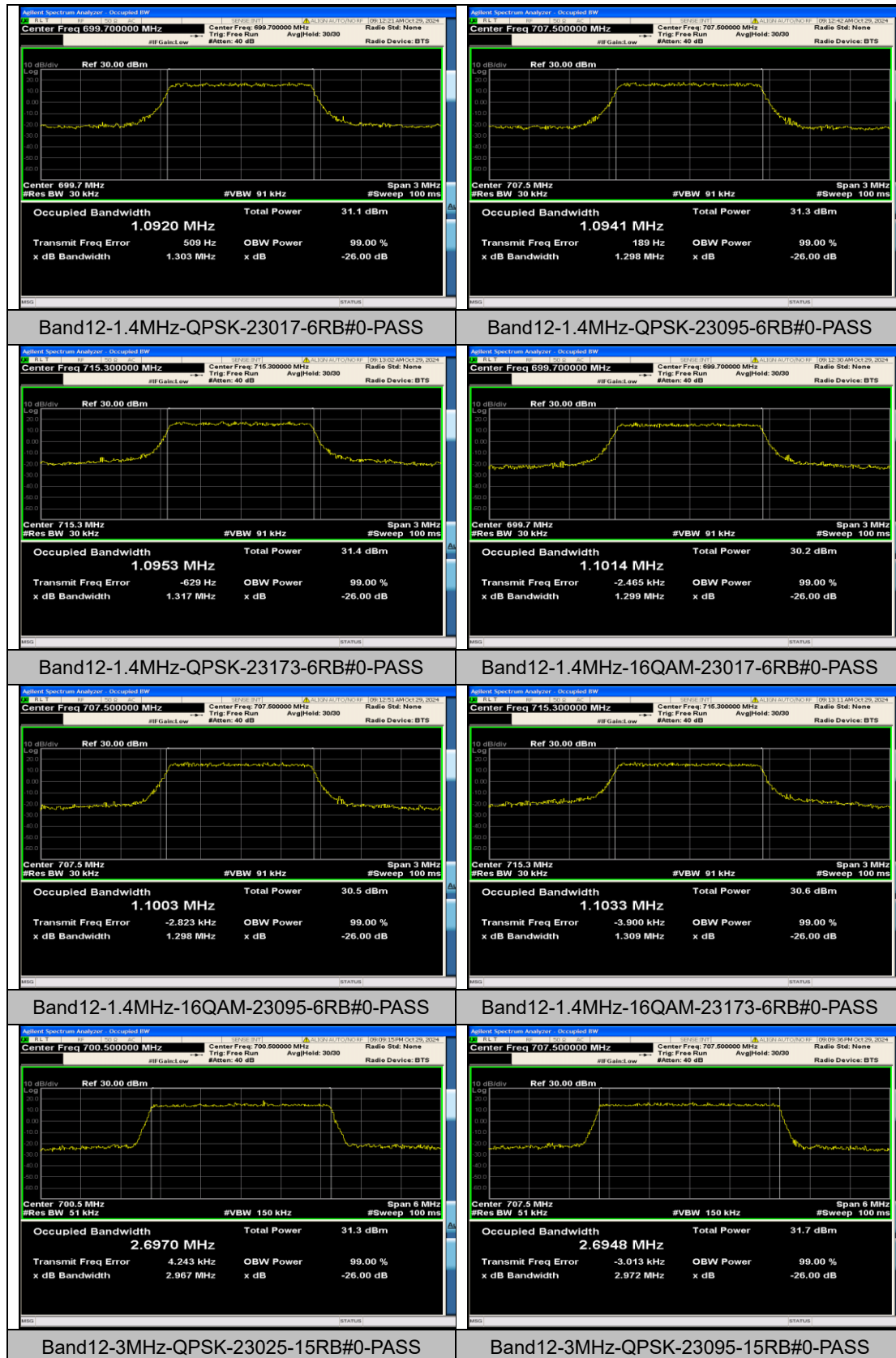


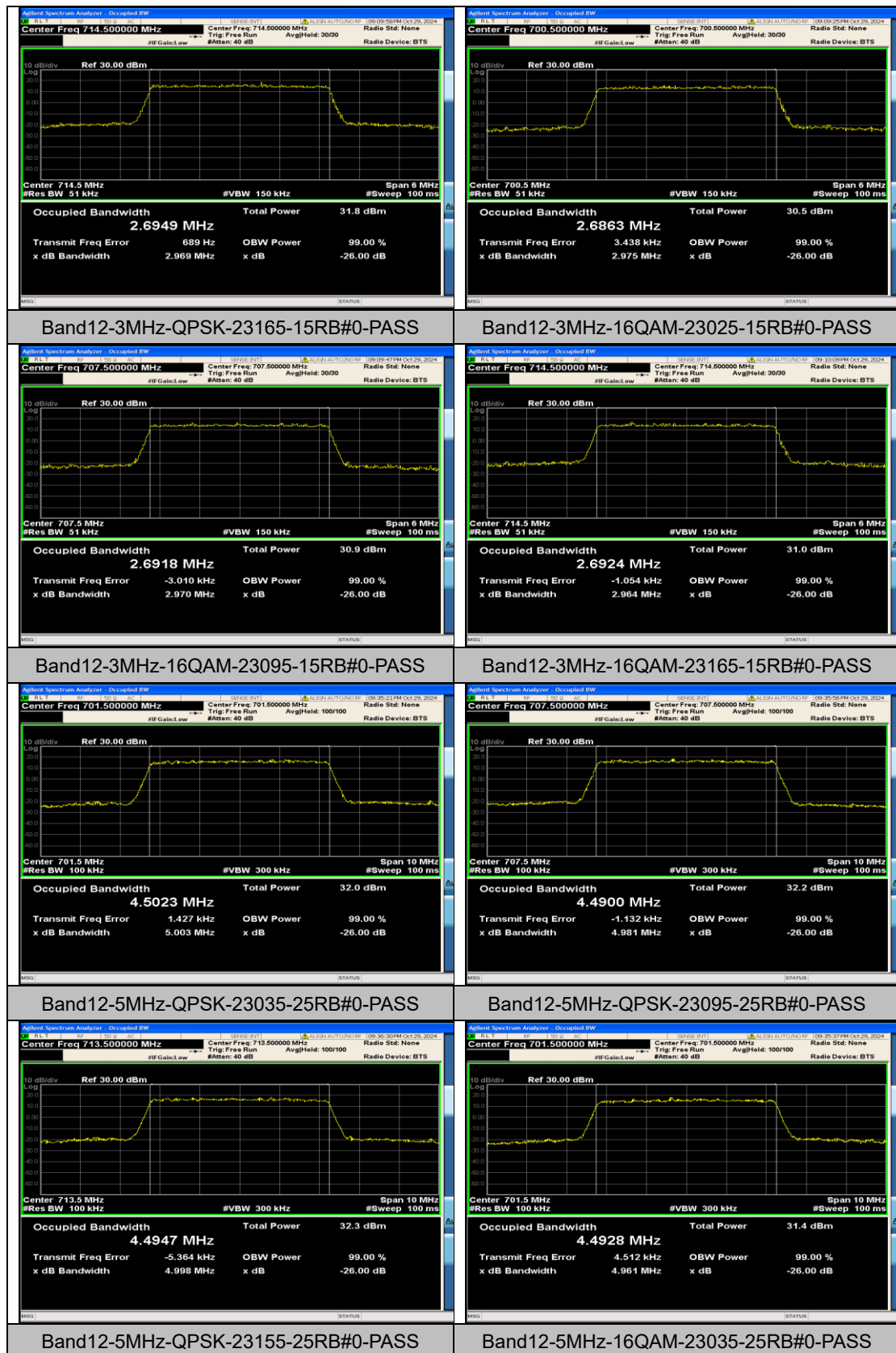
Appendix C: 26dB Bandwidth and Occupied Bandwidth

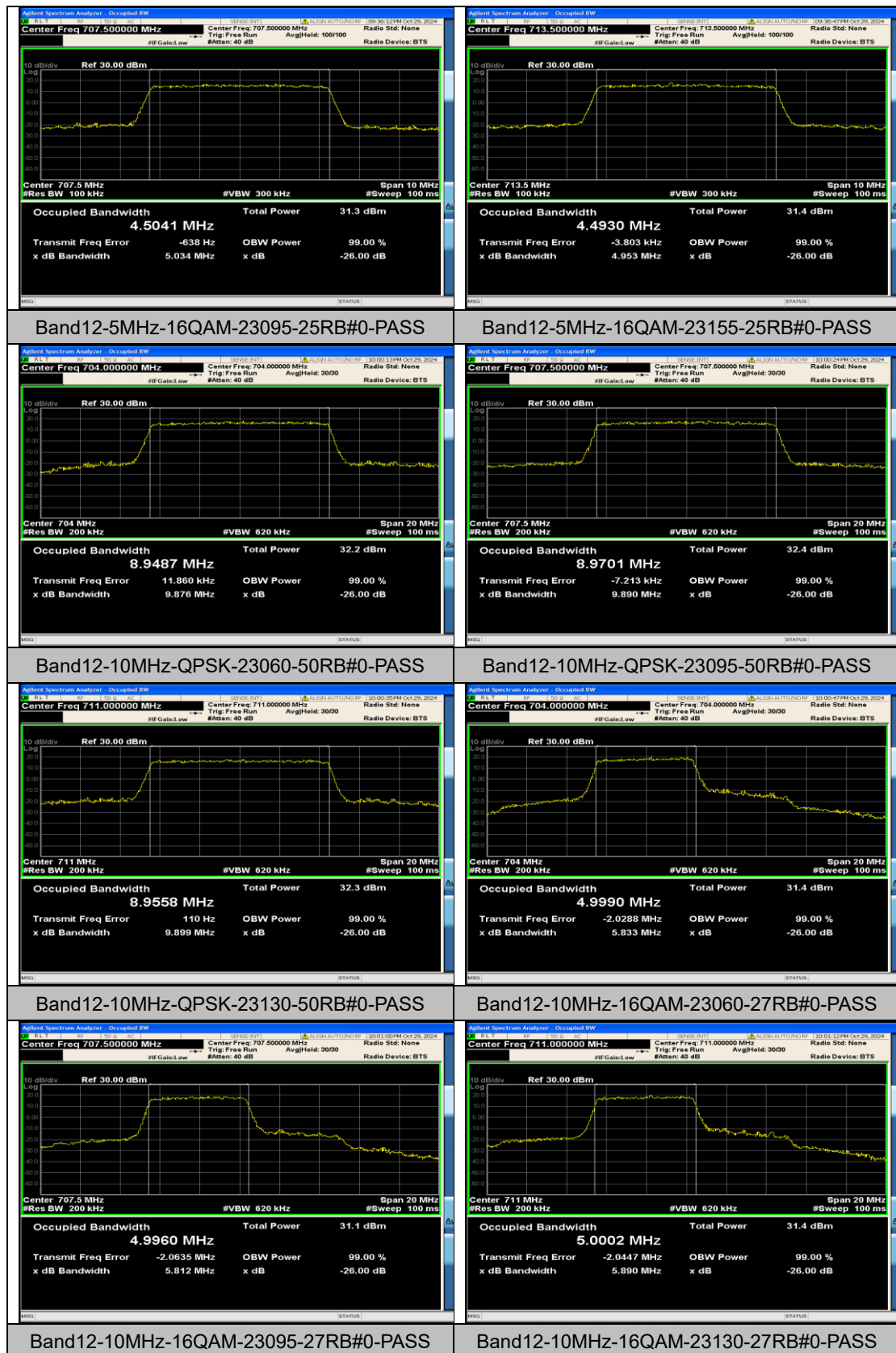
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0920	1.303	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0941	1.298	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0953	1.317	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1014	1.299	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1003	1.298	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1033	1.309	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6970	2.967	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6948	2.972	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6949	2.969	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6863	2.975	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6918	2.970	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6924	2.964	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5023	5.003	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4900	4.981	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4947	4.998	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4928	4.961	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5041	5.034	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4930	4.953	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9487	9.876	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9701	9.890	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9558	9.899	PASS
Band12	10MHz	16QAM	23060	27RB#0	4.9990	5.833	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.9960	5.812	PASS
Band12	10MHz	16QAM	23130	27RB#0	5.0002	5.890	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-19.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-46.35	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-26.34	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-45.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-19.58	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-21.70	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-21.69	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-47.69	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-27.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-47.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-20.47	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-24.50	PASS
Band12	3MHz	QPSK	23025	1RB#0	-20.41	PASS
Band12	3MHz	QPSK	23025	1RB#14	-44.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	-44.08	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.88	PASS
Band12	3MHz	QPSK	23165	15RB#0	-27.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	-21.39	PASS
Band12	3MHz	16QAM	23025	1RB#14	-45.40	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.16	PASS
Band12	3MHz	16QAM	23165	1RB#0	-43.89	PASS
Band12	3MHz	16QAM	23165	1RB#14	-20.29	PASS
Band12	3MHz	16QAM	23165	15RB#0	-29.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	-26.93	PASS
Band12	5MHz	QPSK	23035	1RB#24	-54.50	PASS
Band12	5MHz	QPSK	23035	25RB#0	-32.43	PASS
Band12	5MHz	QPSK	23155	1RB#0	-54.38	PASS
Band12	5MHz	QPSK	23155	1RB#24	-25.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	-31.11	PASS
Band12	5MHz	16QAM	23035	1RB#0	-26.90	PASS
Band12	5MHz	16QAM	23035	1RB#24	-55.23	PASS
Band12	5MHz	16QAM	23035	25RB#0	-31.90	PASS
Band12	5MHz	16QAM	23155	1RB#0	-54.79	PASS
Band12	5MHz	16QAM	23155	1RB#24	-26.93	PASS
Band12	5MHz	16QAM	23155	25RB#0	-32.21	PASS

Band12	10MHz	QPSK	23060	1RB#0	-41.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	-55.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	-54.68	PASS
Band12	10MHz	QPSK	23130	1RB#49	-37.95	PASS
Band12	10MHz	QPSK	23130	50RB#0	-34.00	PASS
Band12	10MHz	16QAM	23060	1RB#0	-41.60	PASS
Band12	10MHz	16QAM	23060	1RB#49	-55.19	PASS
Band12	10MHz	16QAM	23130	1RB#0	-55.18	PASS
Band12	10MHz	16QAM	23130	1RB#49	-41.57	PASS

Test Graphs

