

FCC LTE Band Test Data

FCC ID : 2AVYL-ZEUSS68

Company: : Shenzhen Eternity Technology Co., Ltd

EUT : smart phone

Model Number : ZEUSS68

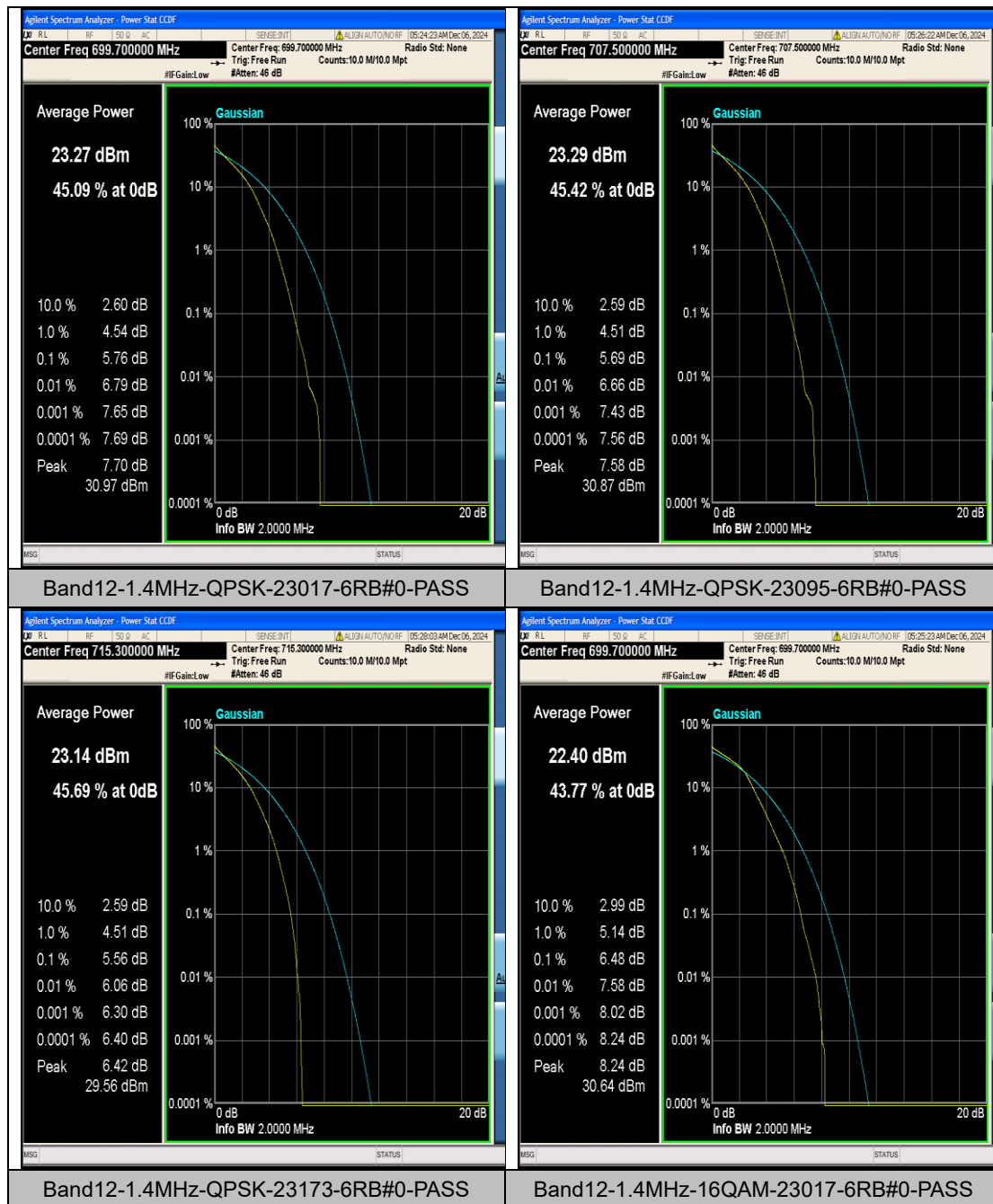
Reviewed By : Eric Wang

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

Test Result

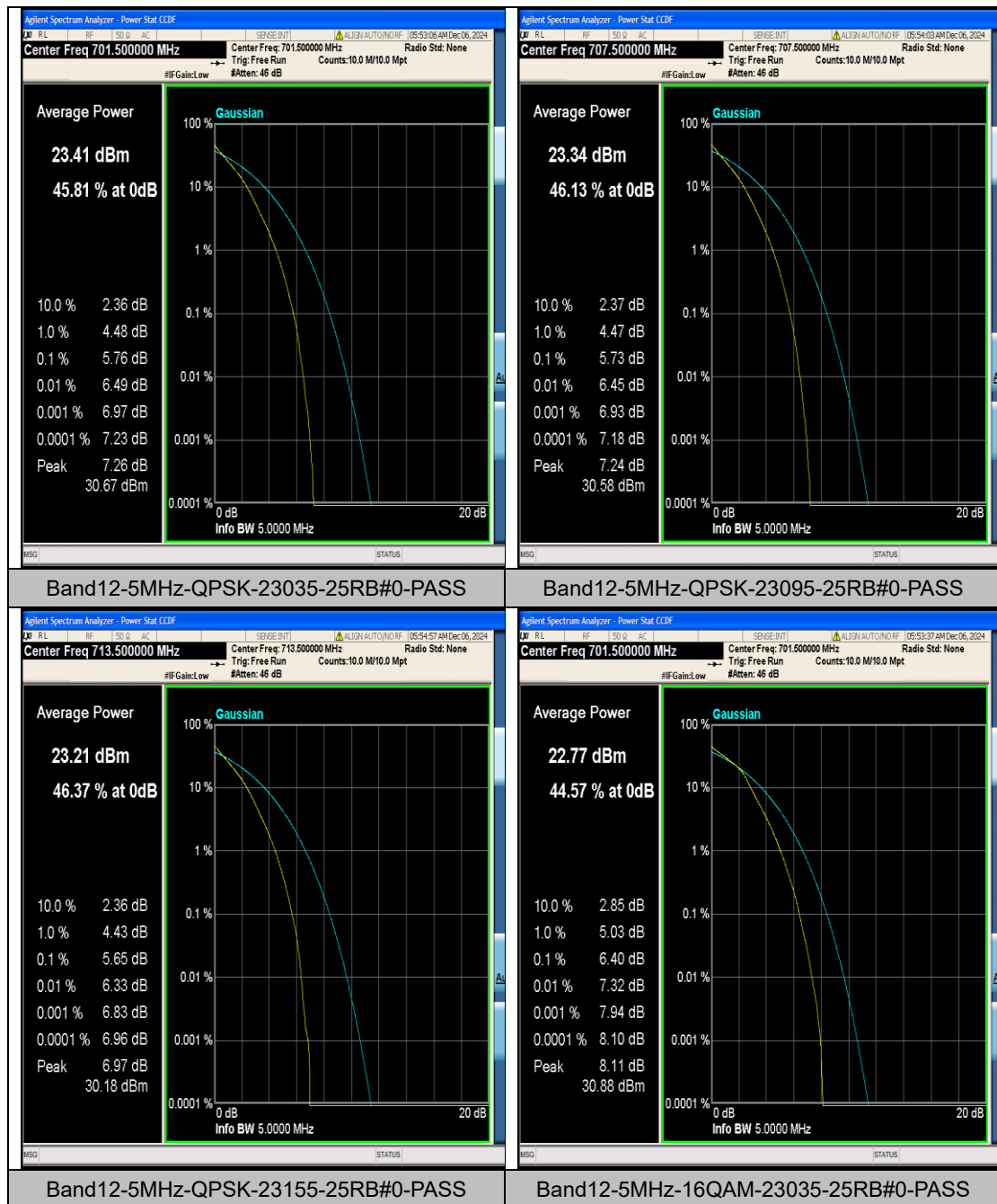
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.76	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.69	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.56	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.48	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.41	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.17	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.73	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.73	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.50	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.45	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.34	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.76	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.73	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.65	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.40	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.34	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.76	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.41	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.44	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.46	13	PASS

Test Graphs

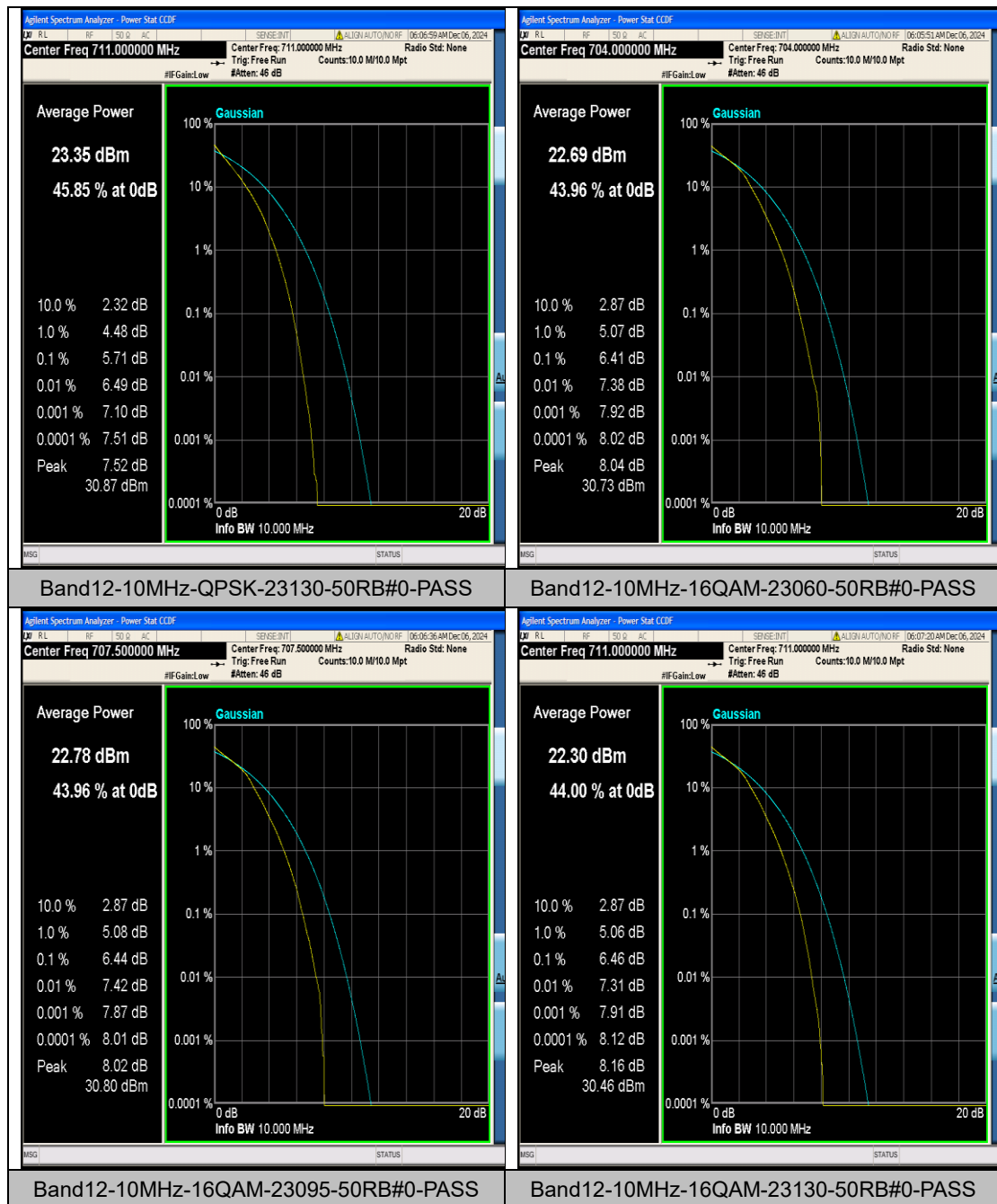










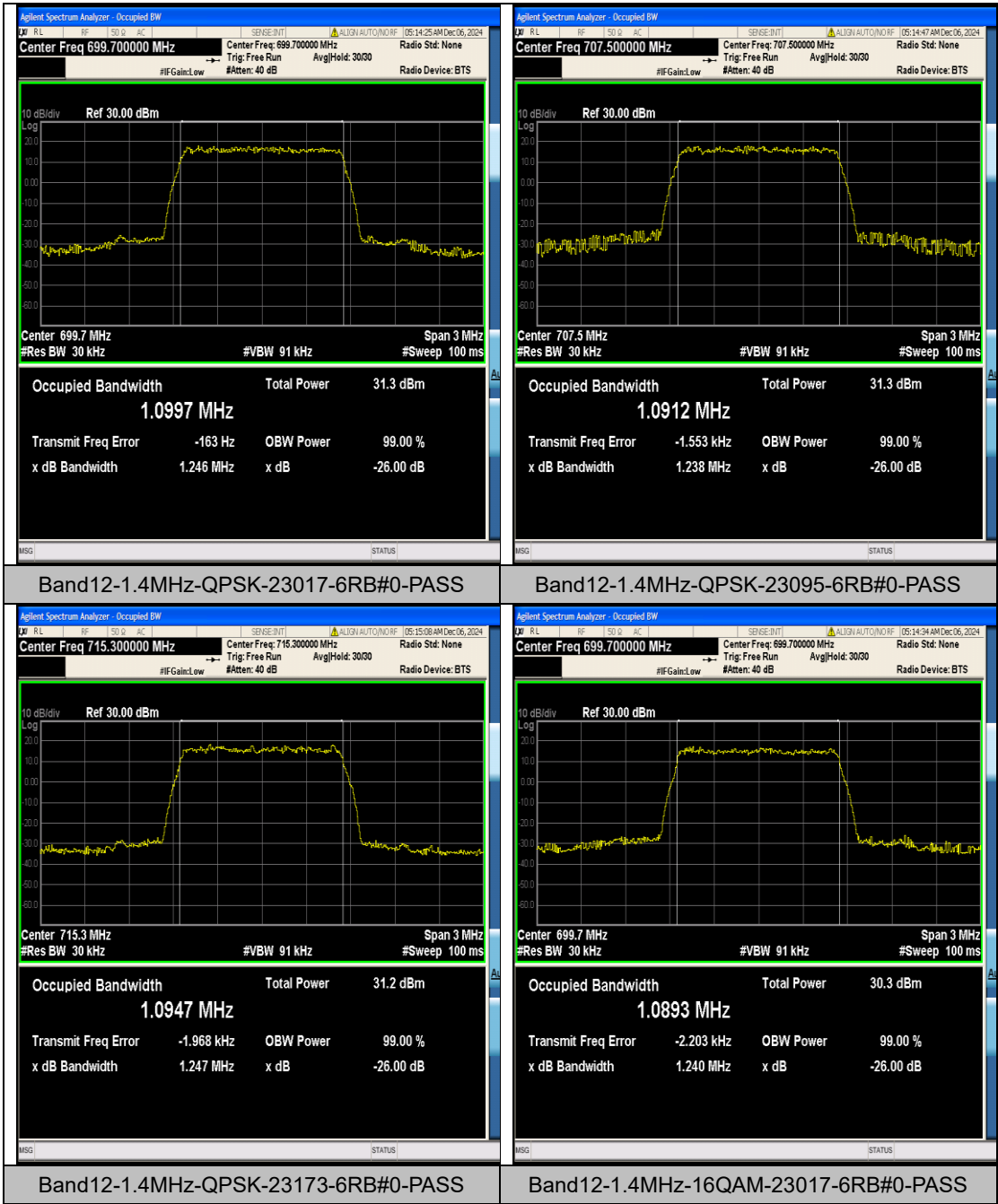


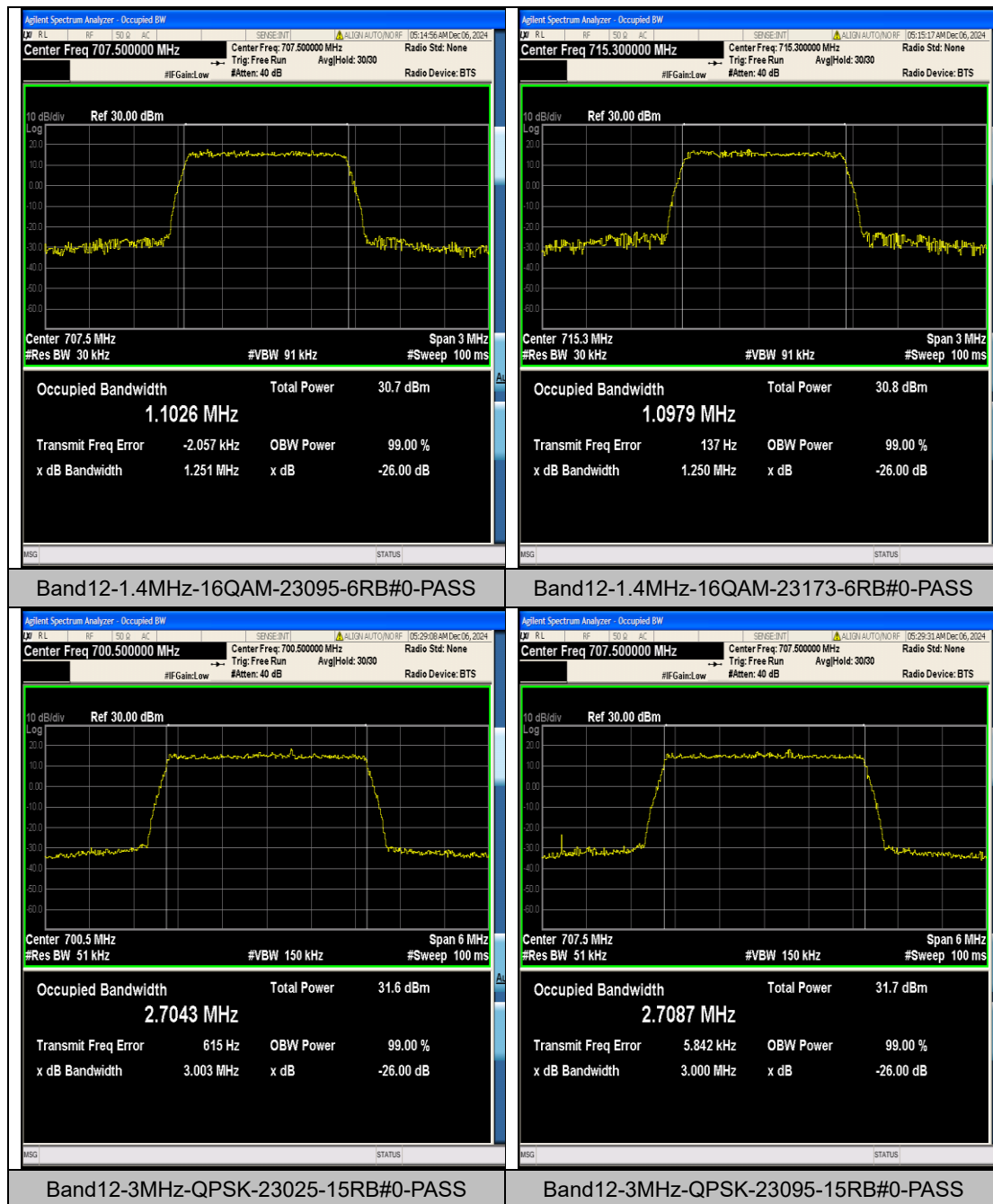
Appendix C: 26dB Bandwidth and Occupied Bandwidth

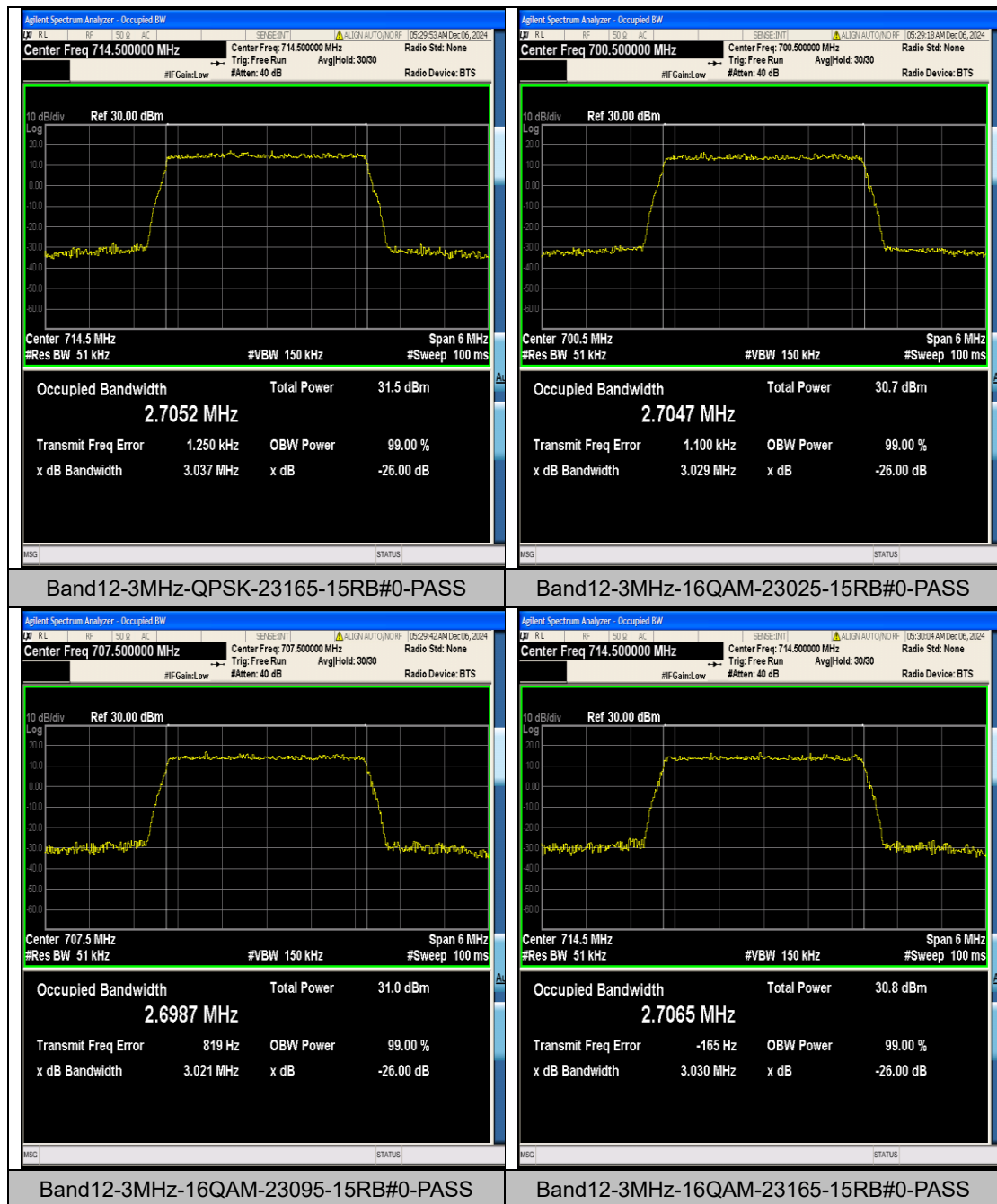
Test Result

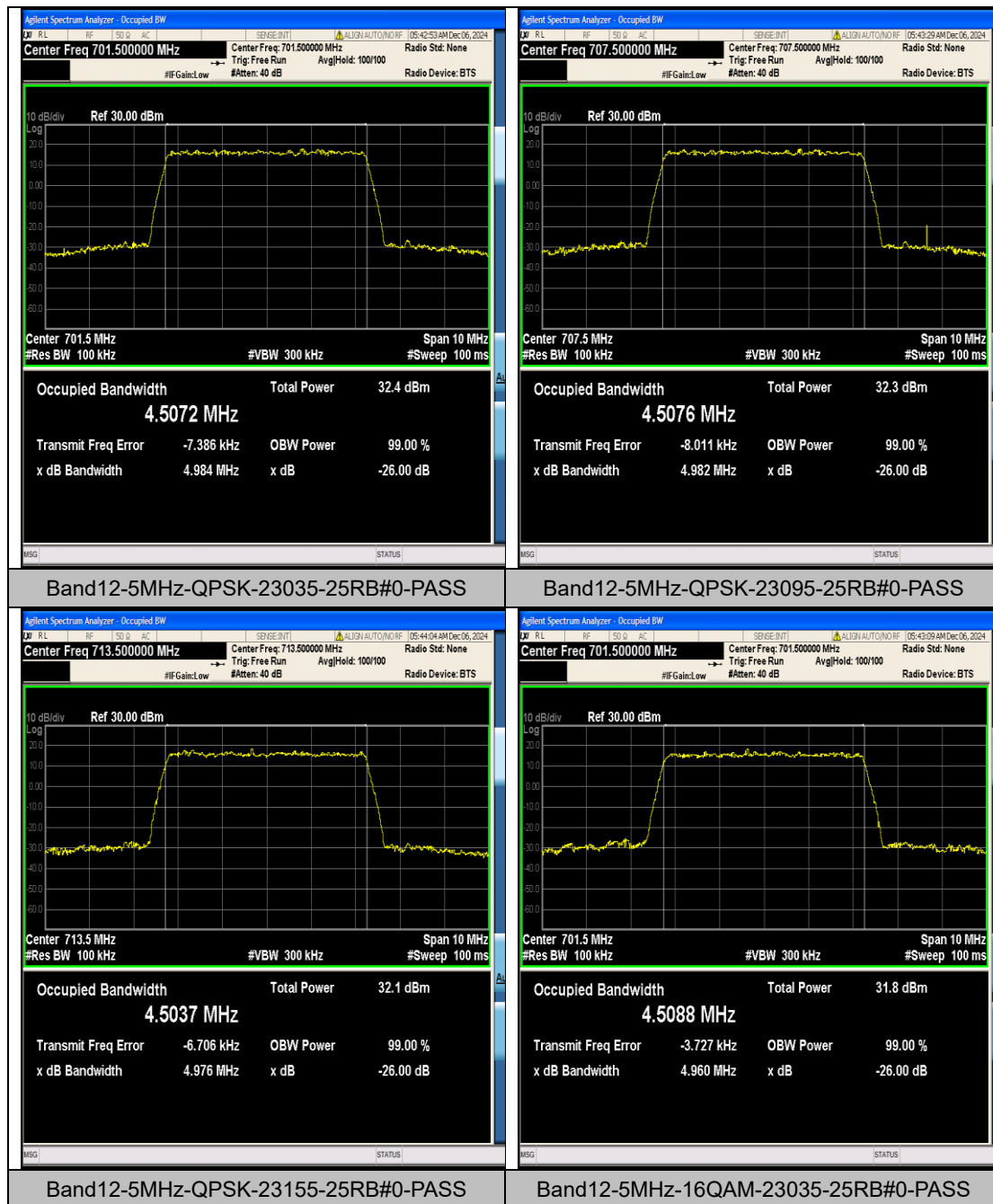
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0997	1.246	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0912	1.238	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0947	1.247	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0893	1.240	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1026	1.251	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0979	1.250	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7043	3.003	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7087	3.000	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7052	3.037	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7047	3.029	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6987	3.021	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7065	3.030	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5072	4.984	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5076	4.982	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5037	4.976	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5088	4.960	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5002	4.955	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5127	4.985	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9959	9.873	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9911	9.913	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0020	9.890	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9935	9.916	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9873	9.955	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9925	9.926	PASS

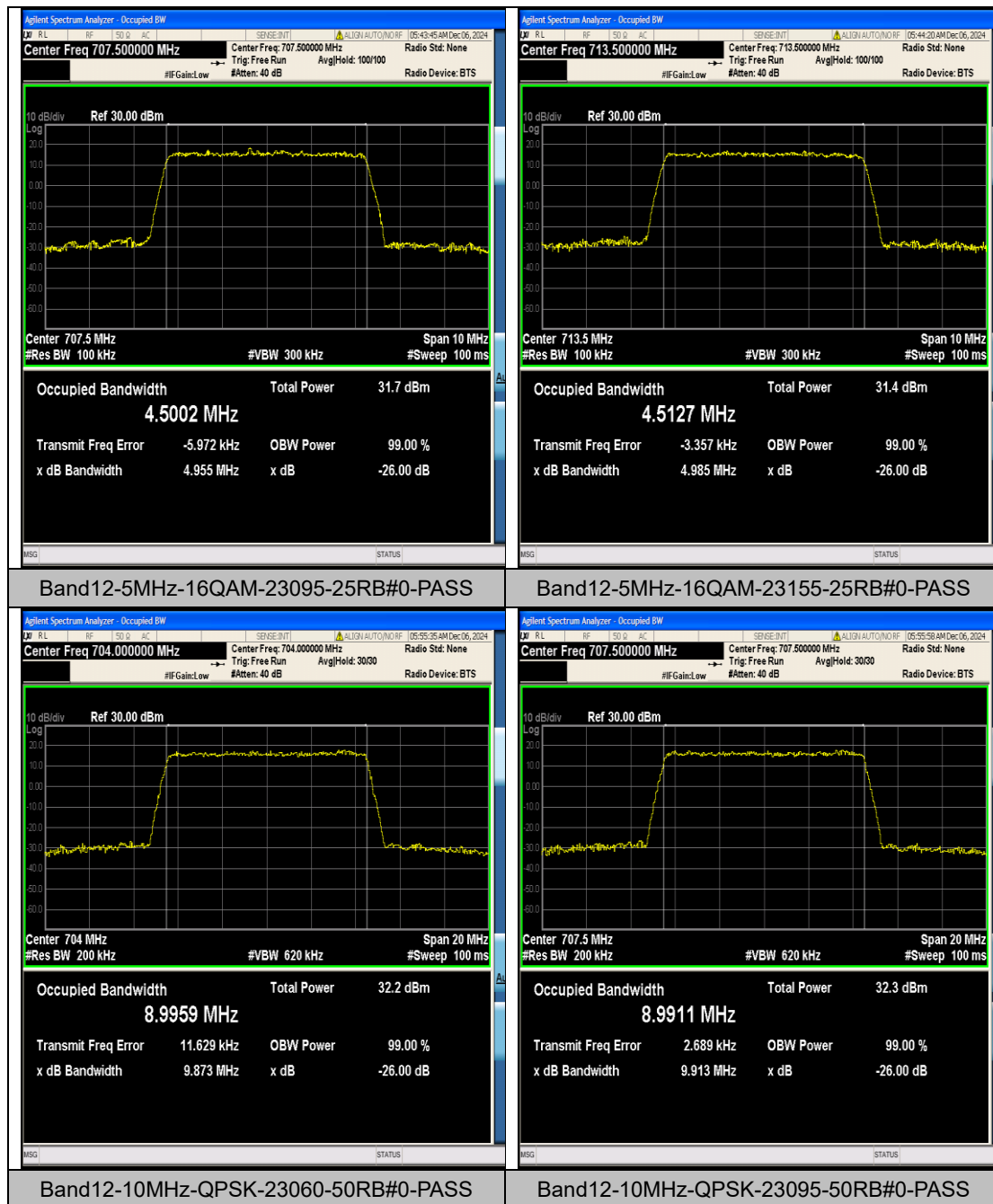
Test Graphs

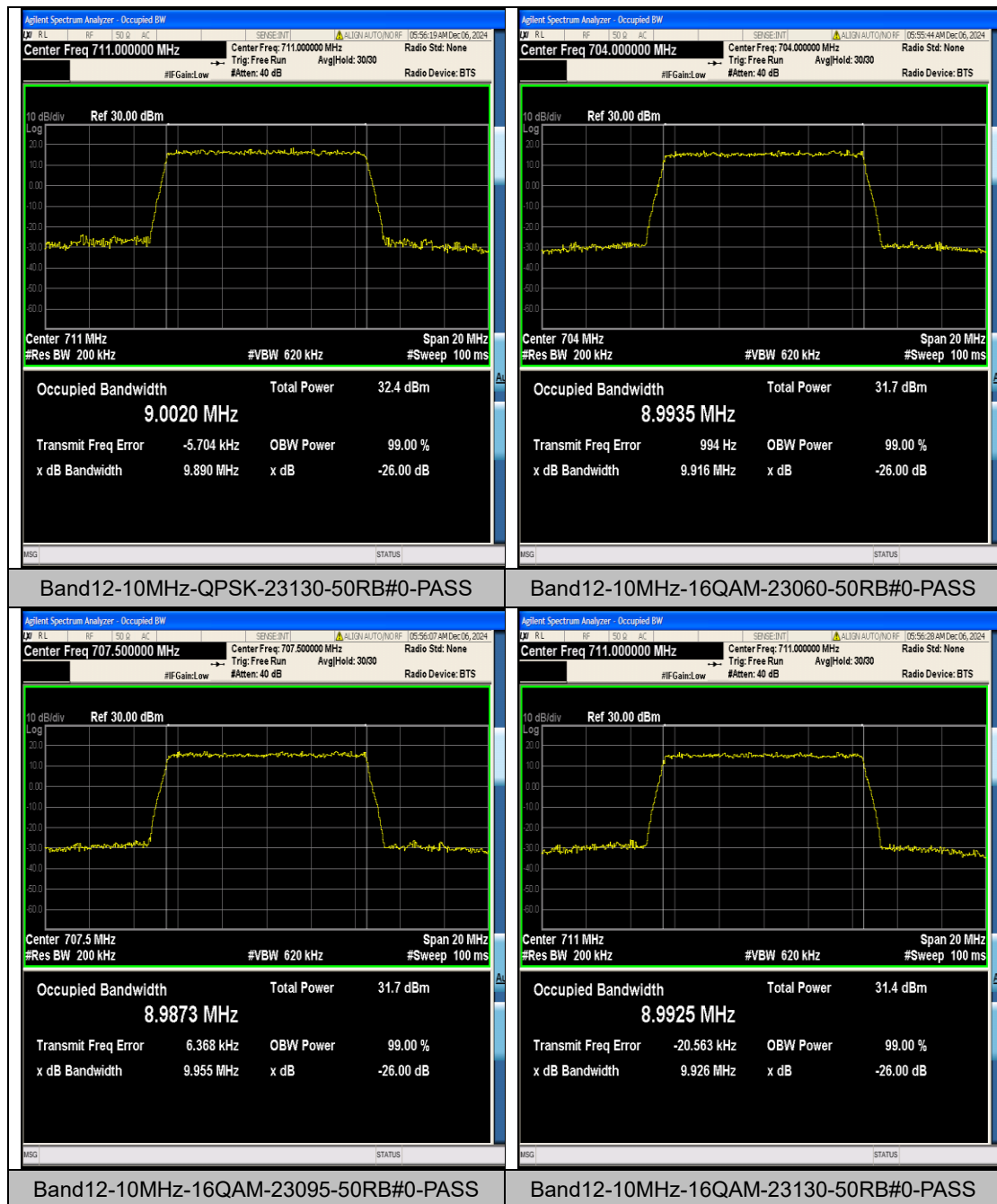










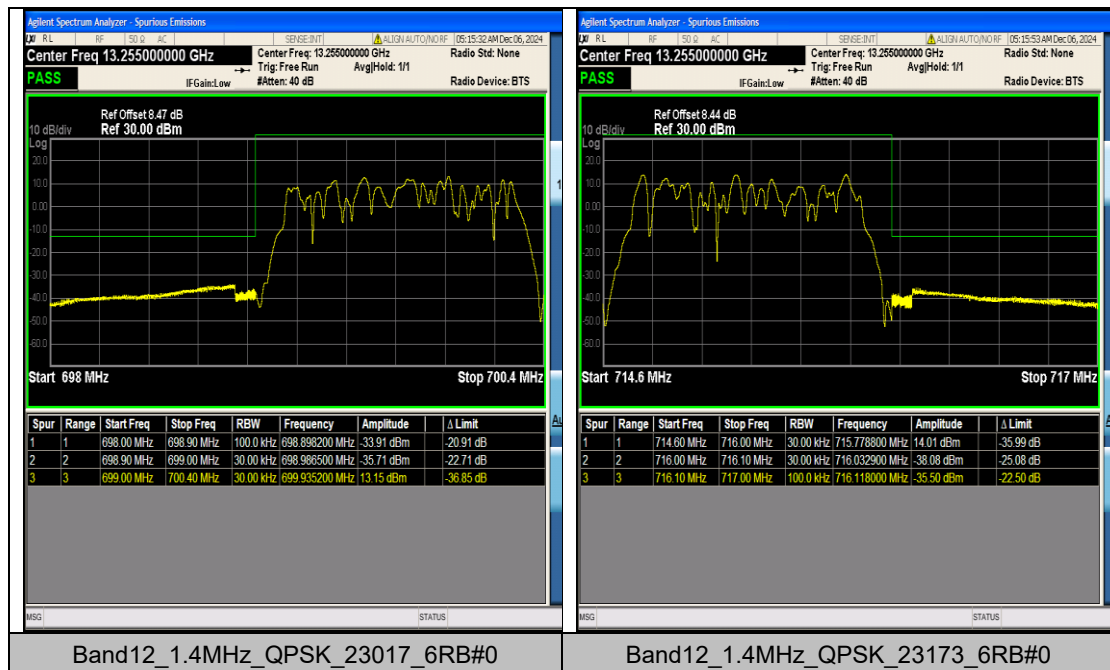


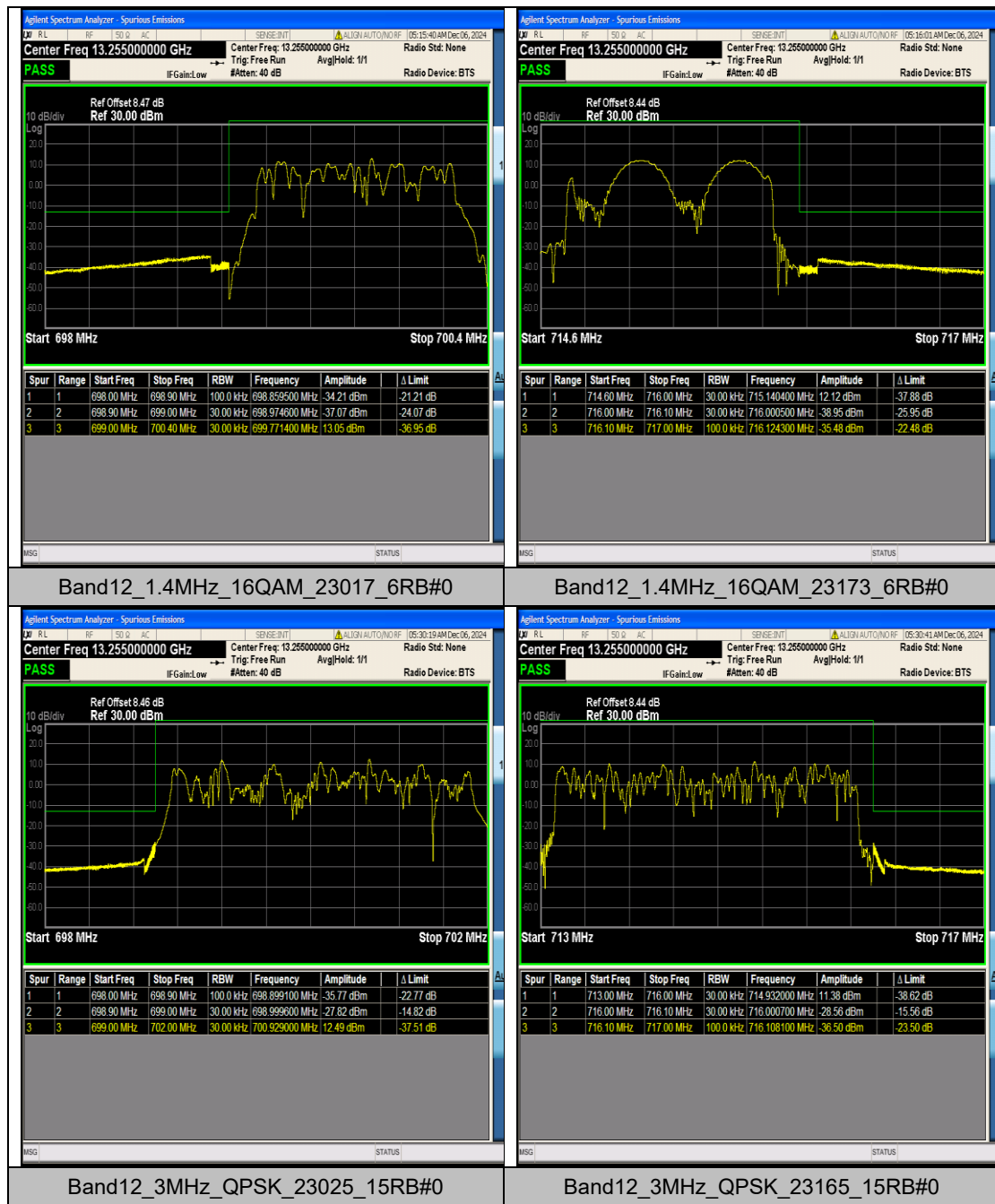
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-33.91	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-35.50	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-34.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-35.48	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.82	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.56	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.40	PASS
Band12	3MHz	16QAM	23165	15RB#0	-29.45	PASS
Band12	5MHz	QPSK	23035	25RB#0	-36.02	PASS
Band12	5MHz	QPSK	23155	25RB#0	-37.43	PASS
Band12	5MHz	16QAM	23035	25RB#0	-37.69	PASS
Band12	5MHz	16QAM	23155	25RB#0	-38.19	PASS
Band12	10MHz	QPSK	23060	50RB#0	-41.60	PASS
Band12	10MHz	QPSK	23130	50RB#0	-42.35	PASS
Band12	10MHz	16QAM	23060	50RB#0	-42.60	PASS
Band12	10MHz	16QAM	23130	50RB#0	-43.10	PASS

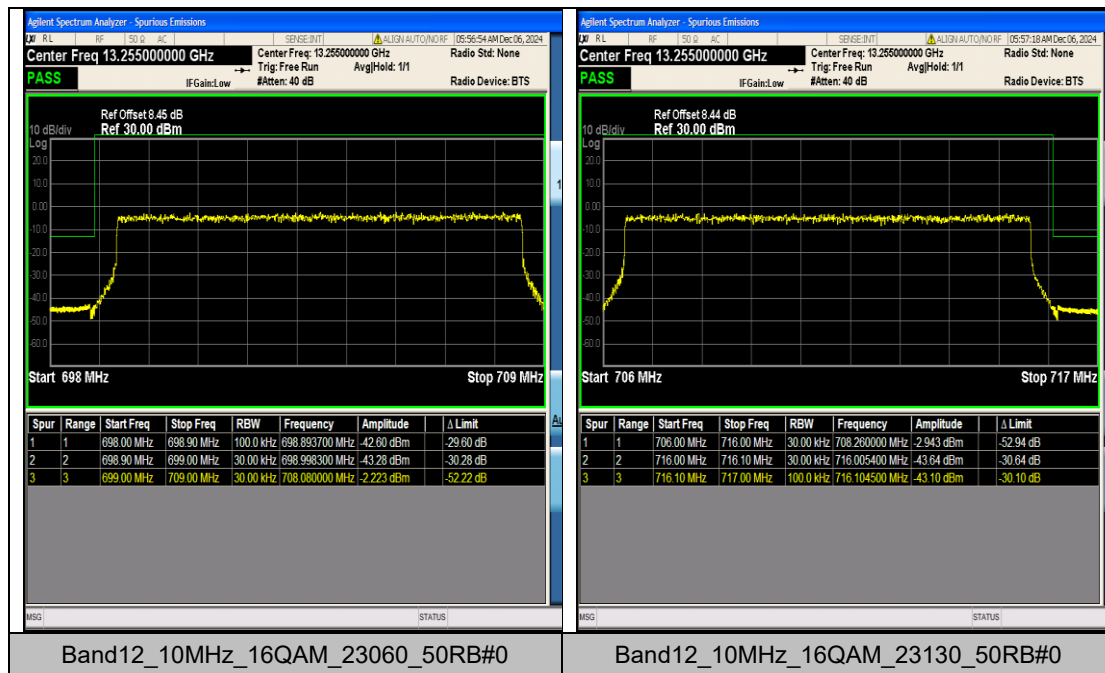
Test Graphs











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	-38.90	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-54.20	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-54.91	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-46.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-43.81	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-40.37	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-54.32	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-56.03	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-45.63	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-43.64	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-43.45	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-52.32	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-56.70	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-44.97	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-43.41	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-41.25	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-53.06	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-56.24	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-45.97	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-43.48	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-38.40	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-53.15	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-55.19	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-45.56	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-43.52	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-41.46	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-53.42	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-54.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-45.42	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-43.72	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-40.16	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-53.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-52.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-46.34	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-43.45	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-42.03	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-51.87	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-51.82	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-46.44	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-43.76	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-42.32	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-53.50	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-51.53	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-46.22	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-43.52	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-41.64	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-52.06	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-53.43	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-46.69	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-43.78	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-41.65	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-54.31	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-53.63	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-46.70	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-43.59	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-43.42	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-51.52	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-53.40	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-46.49	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-43.48	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-39.69	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-50.28	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-55.09	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-46.67	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-43.53	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-43.90	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-52.52	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-55.27	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-46.44	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-43.41	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-44.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-53.37	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-53.82	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-46.37	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-43.40	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-38.95	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-51.90	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-54.71	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-46.71	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.19	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-41.86	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-54.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-53.99	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-46.73	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-43.92	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-44.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-54.78	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-55.82	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-46.86	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-43.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-37.23	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-52.41	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-61.46	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-46.50	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-43.62	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-41.57	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-54.57	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-56.95	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-46.54	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.54	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-39.72	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-53.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-56.92	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-46.11	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.57	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-42.17	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-51.93	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-61.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-46.64	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-43.67	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-41.74	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-53.33	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-57.18	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-46.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.20	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-43.16	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-52.74	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-58.44	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-46.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.71	PASS

Test Graphs

