

Appendix for LTE Band 12

Product Name: Tablet

Model No: MDT665

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.33	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.36	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.33	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.28	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.45	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.30	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.41	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.31	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.23	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.14	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.26	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.33	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.09	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.15	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.34	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.15	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.36	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.15	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.32	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.20	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.20	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.24	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.20	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.06	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.36	PASS

Band12	1.4MHz	16QAM	23173	3RB#0	22.19	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.34	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.18	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.36	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.18	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.19	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.15	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.13	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.24	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.13	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.18	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.11	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.17	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.05	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.23	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.07	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.21	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.07	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.21	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.12	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.29	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.19	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.17	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.19	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.13	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.19	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.03	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.09	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.19	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.09	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.18	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.11	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.20	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.10	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.14	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.20	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.96	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.17	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.01	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.18	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.99	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.15	PASS

Band12	3MHz	16QAM	23165	8RB#0	21.25	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.13	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.25	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.18	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.26	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.16	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.18	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.48	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.34	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.34	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.33	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.28	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.24	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.33	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.37	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.36	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.34	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.36	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.35	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.36	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.48	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.19	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.39	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.24	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.45	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.07	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.24	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.22	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.36	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.24	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.35	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.23	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.38	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.28	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.37	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.14	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.12	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.21	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.15	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.12	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.03	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.29	PASS

Band12	5MHz	16QAM	23155	12RB#0	21.37	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.28	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.36	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.21	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.32	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.26	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.40	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.33	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.39	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.30	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.56	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.15	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.23	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.41	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.53	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.43	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.56	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.45	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.54	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.49	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.51	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.30	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.23	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.49	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.25	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.17	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.08	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.29	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.39	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.31	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.41	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.30	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.42	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.28	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.37	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.31	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.05	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.25	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.99	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.14	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.99	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.22	PASS

Band12	10MHz	16QAM	23130	25RB#0	21.30	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.26	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.34	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.18	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.32	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.21	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.28	PASS

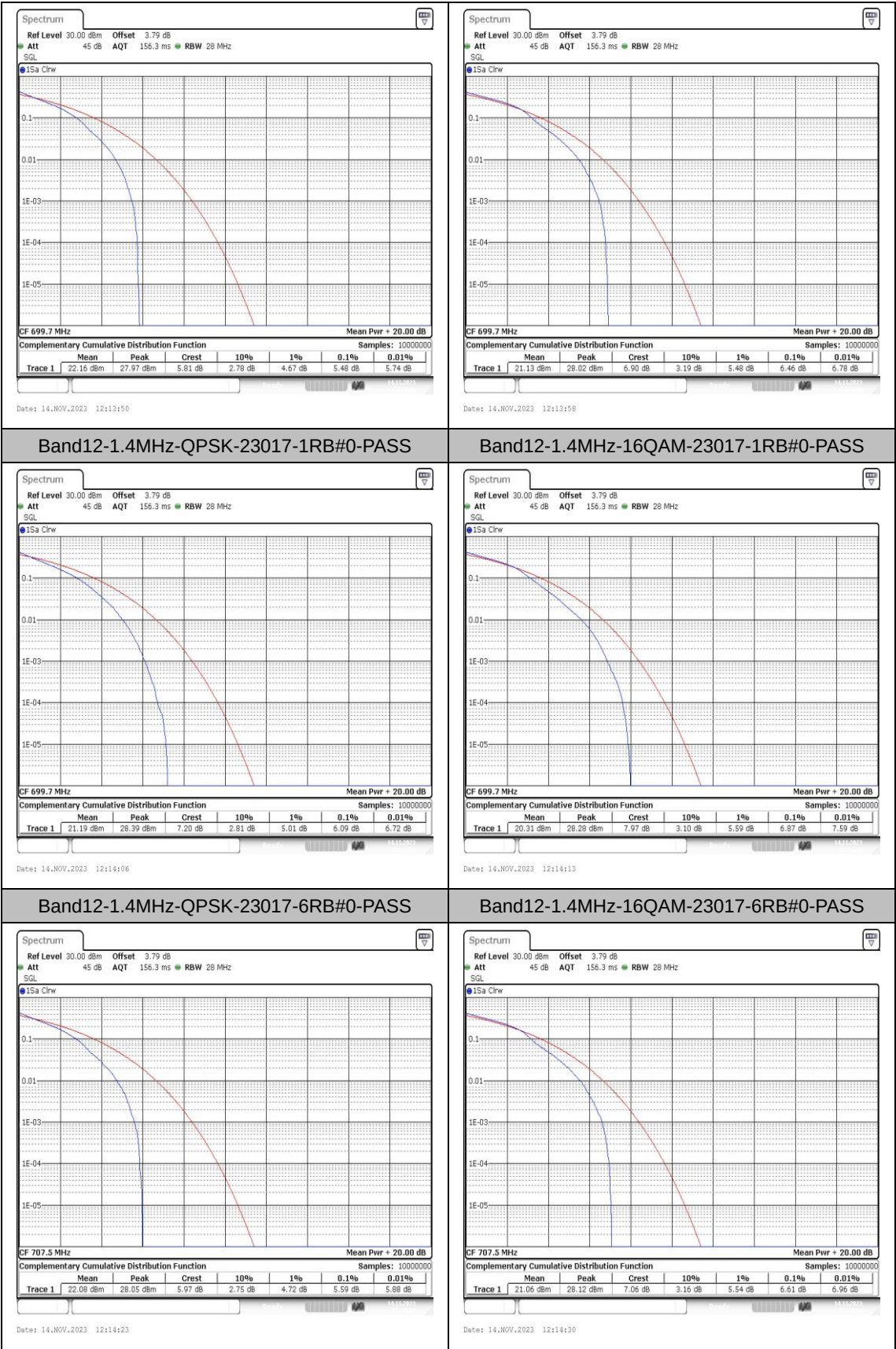
Appendix B: Peak-to-Average Ratio(CCDF)

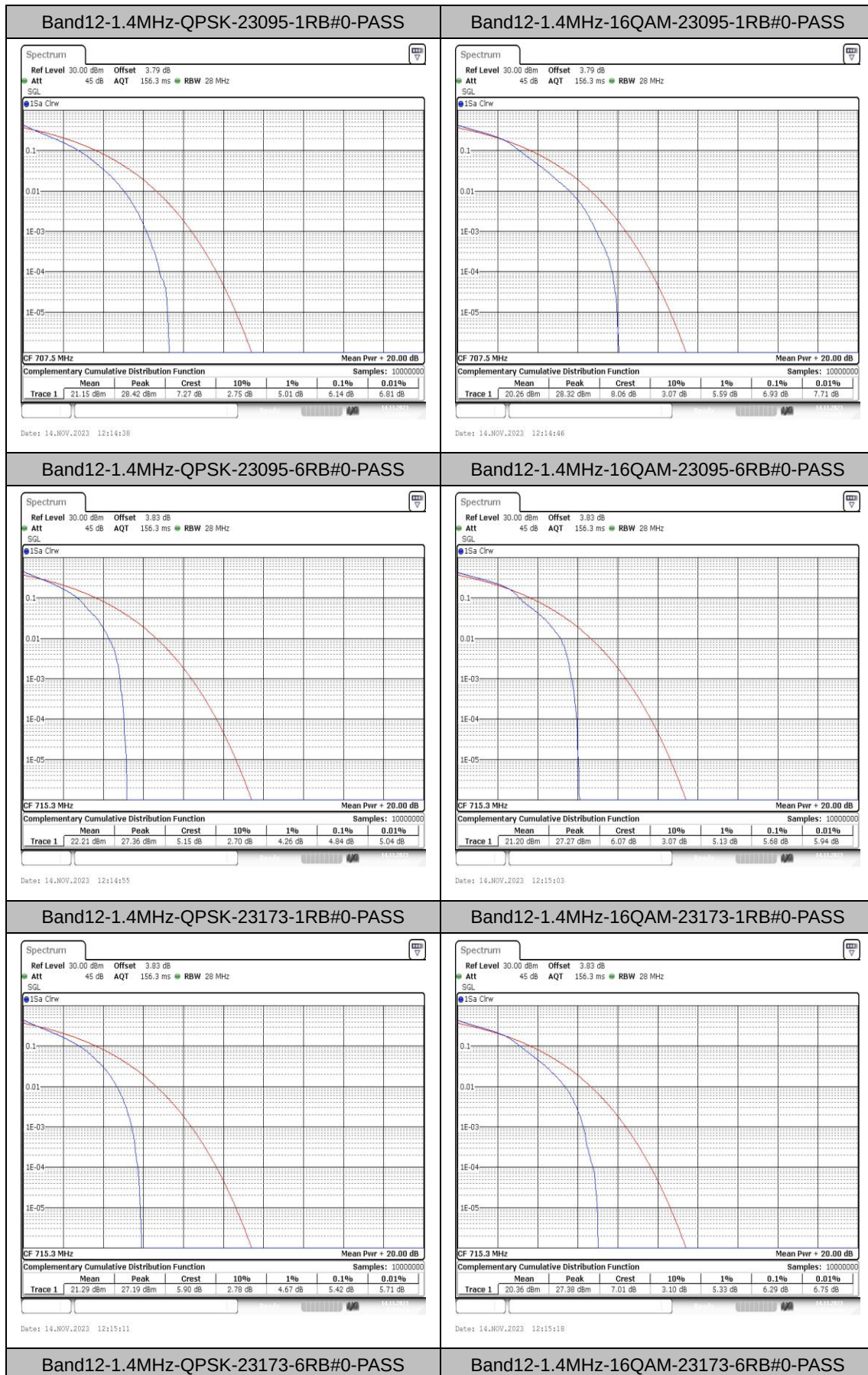
Test Result

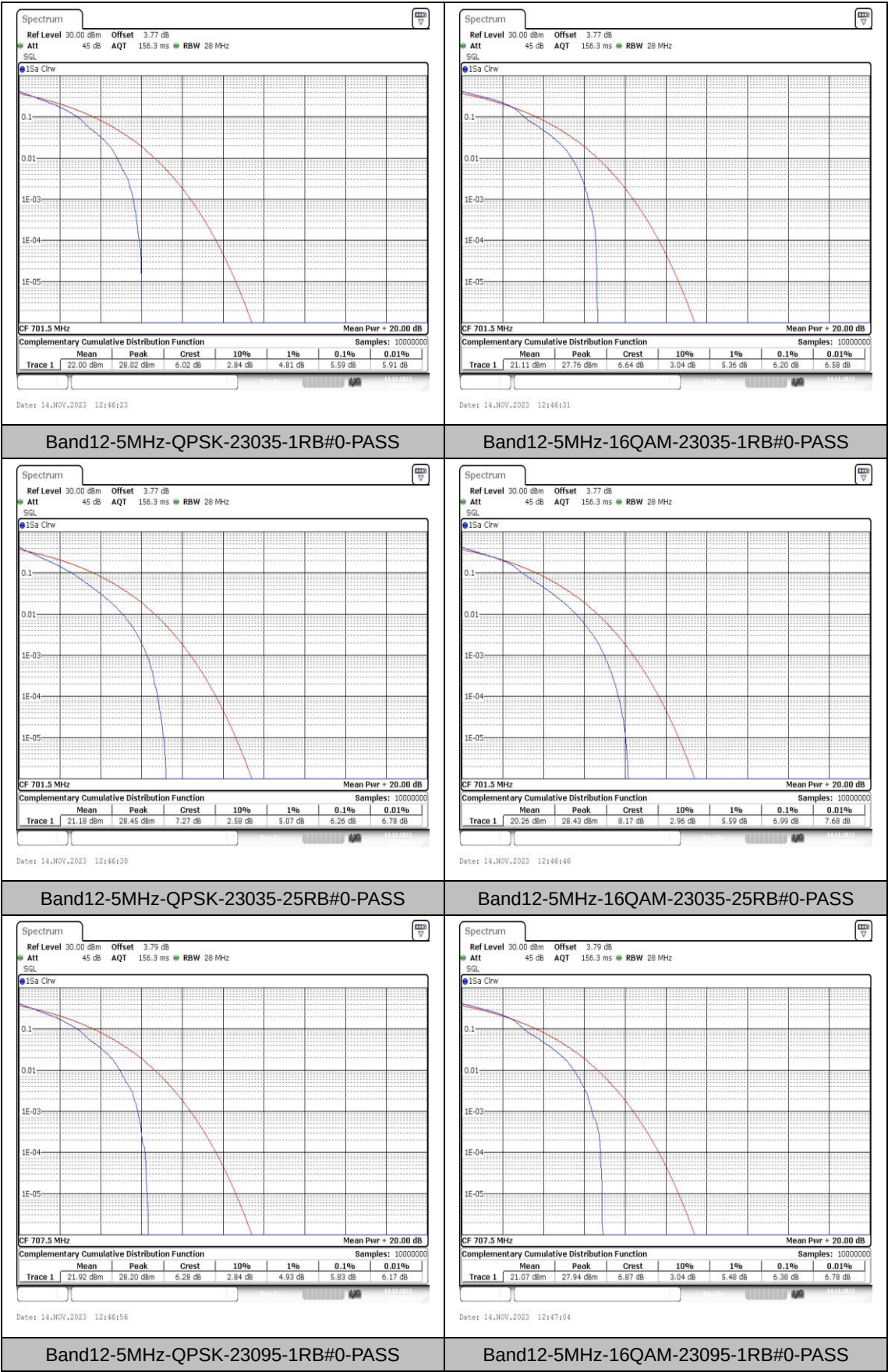
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.48	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.46	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	6.09	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.87	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.59	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.61	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	6.14	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.93	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.84	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.68	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.29	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.59	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.20	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	6.26	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.99	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.83	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.38	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	6.20	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.93	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.25	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.71	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.46	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.48	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.29	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	6.14	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.93	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.41	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.06	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.87	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.57	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.70	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.86	13	PASS

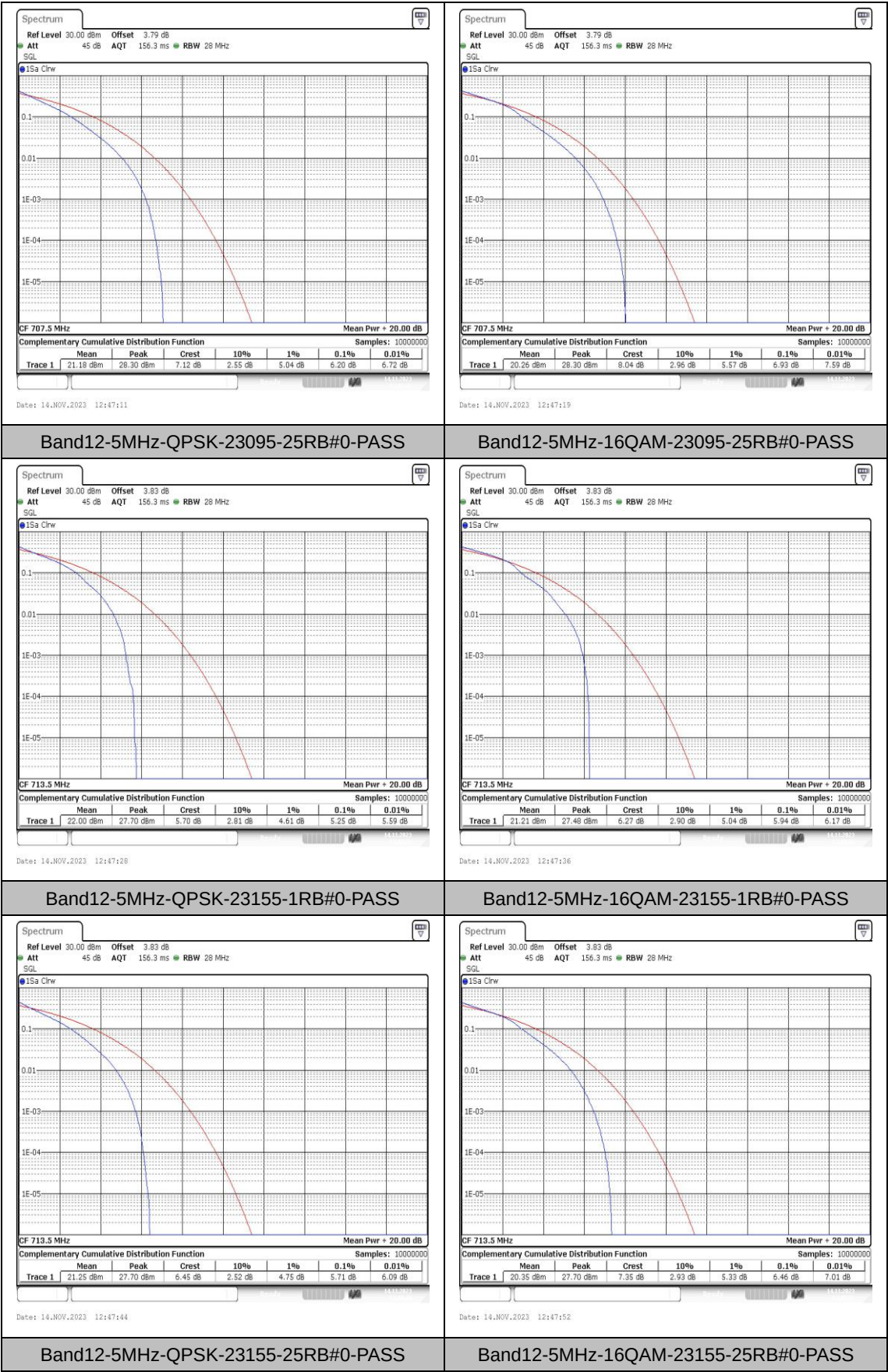
Band12	10MHz	16QAM	23130	50RB#0	6.67	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.74	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.35	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	6.17	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.93	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.77	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.64	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.91	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.72	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.26	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.83	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.64	13	PASS

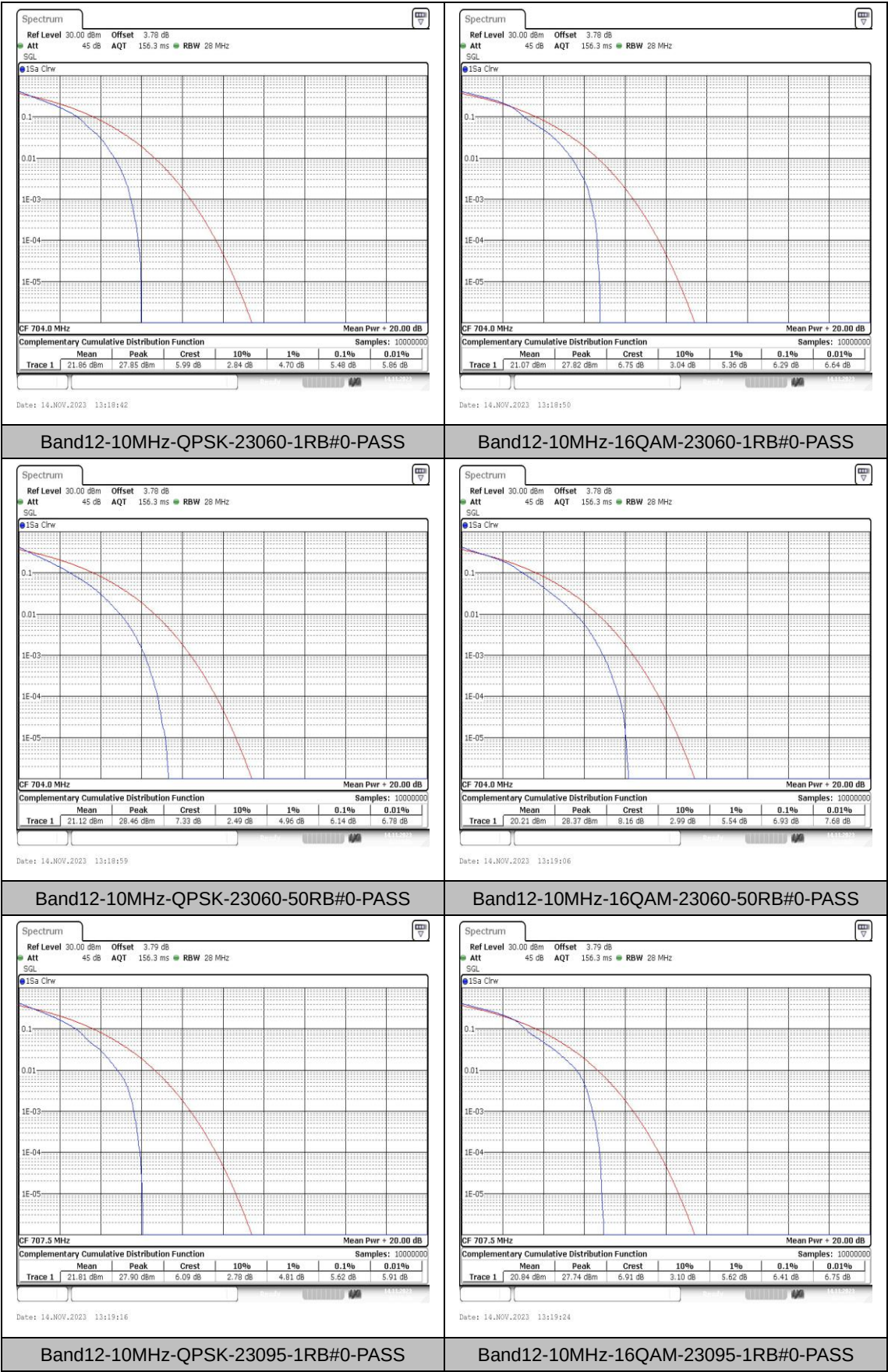
Test Graphs

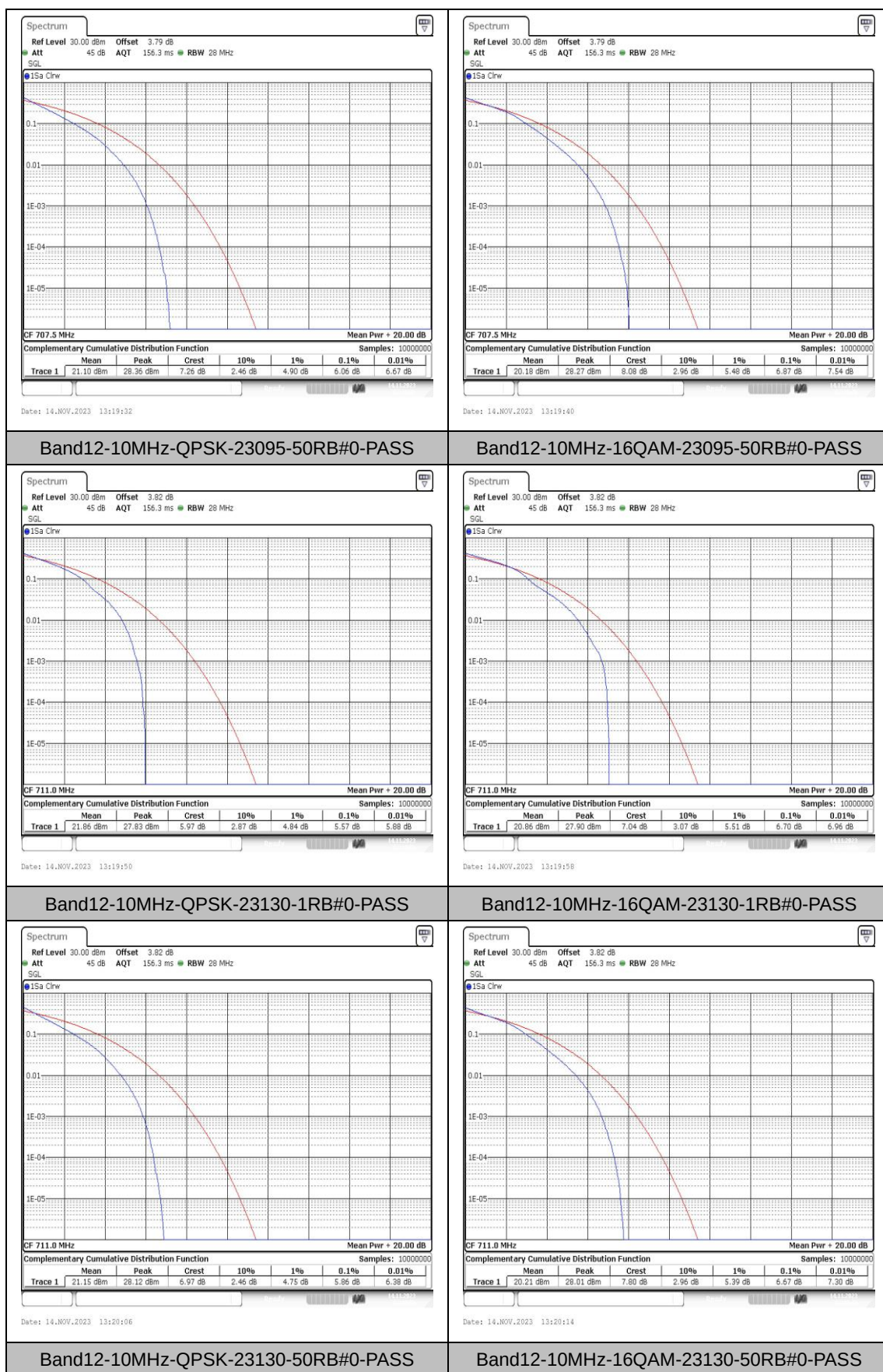


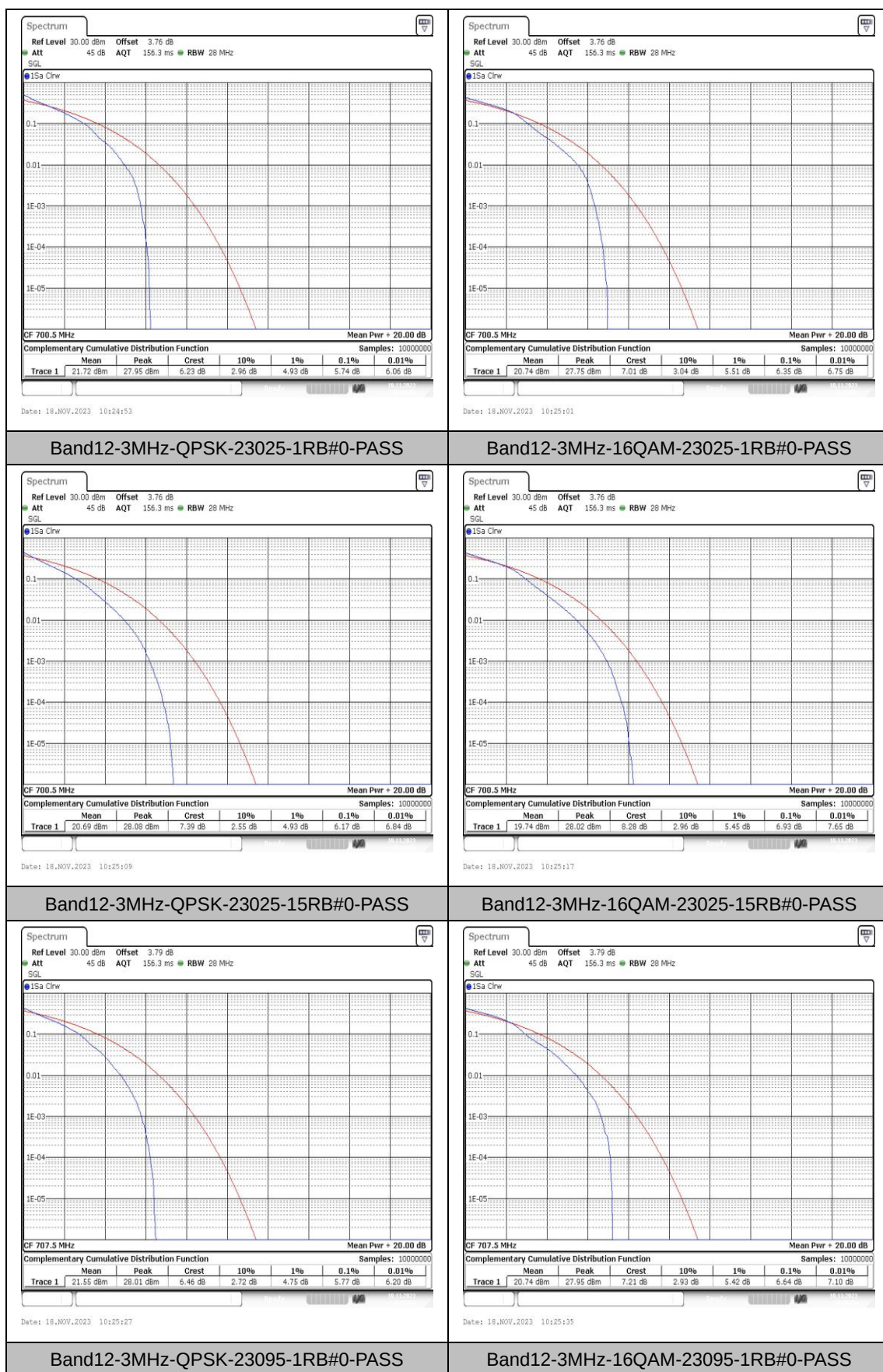


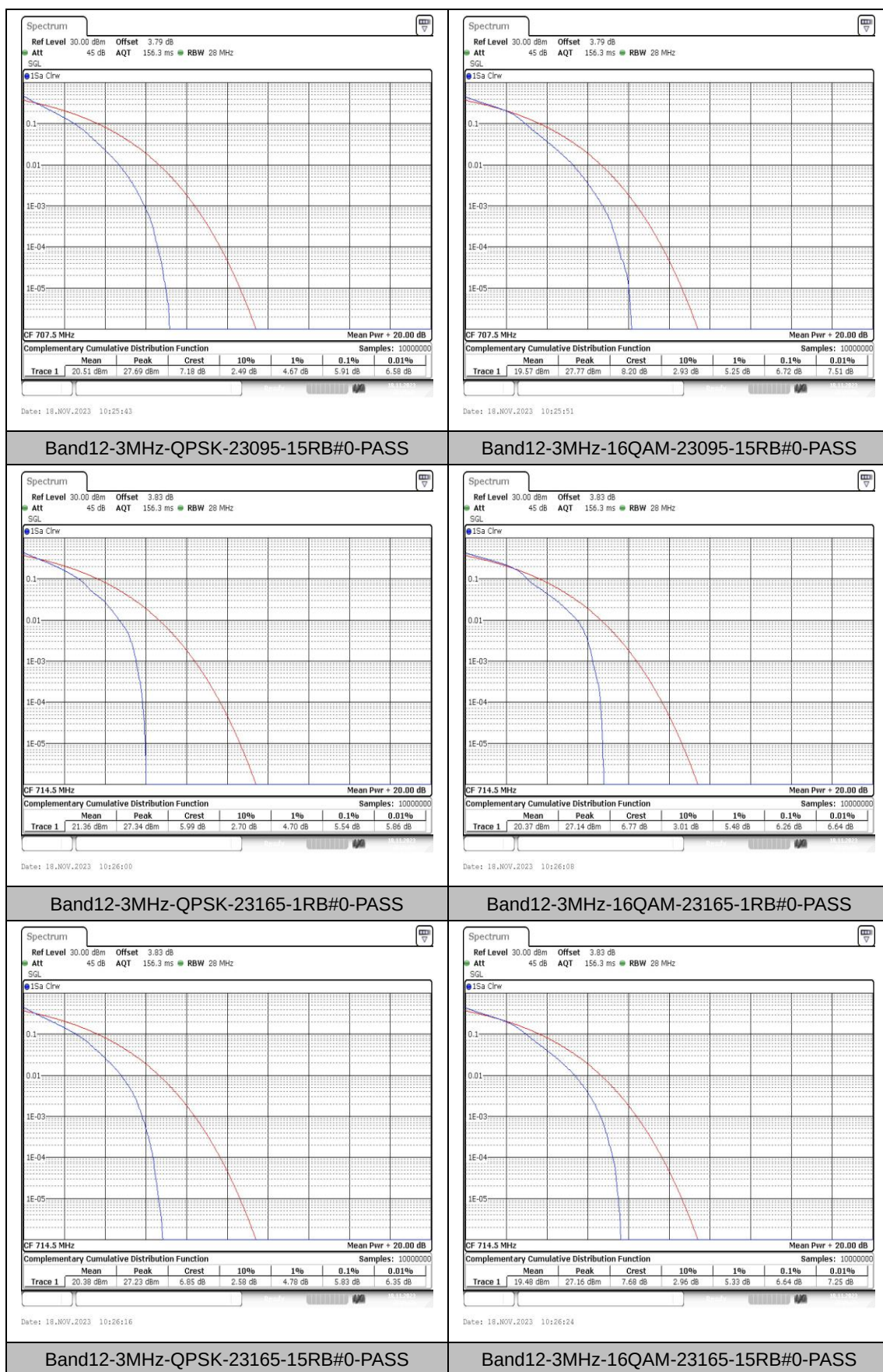










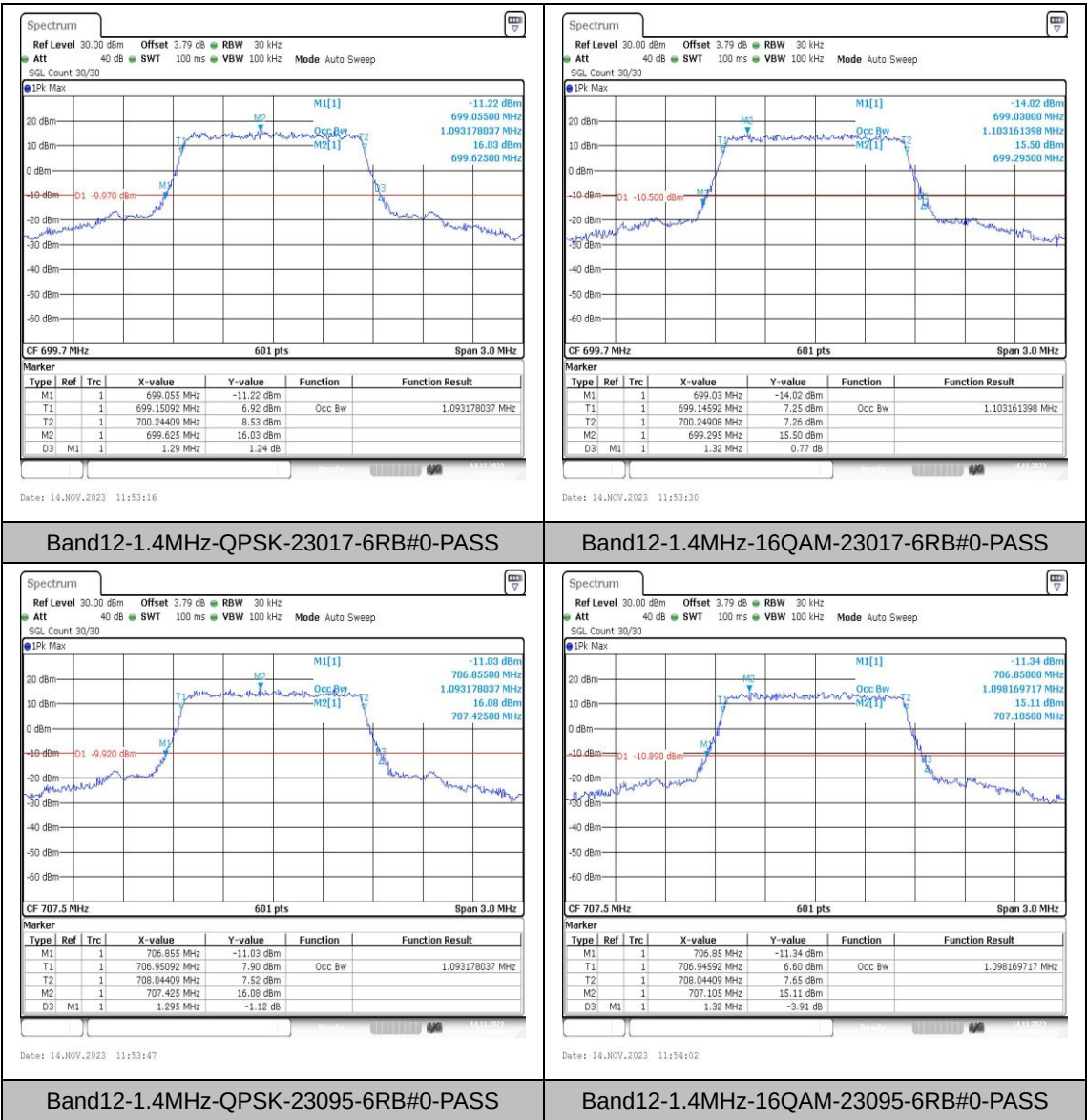


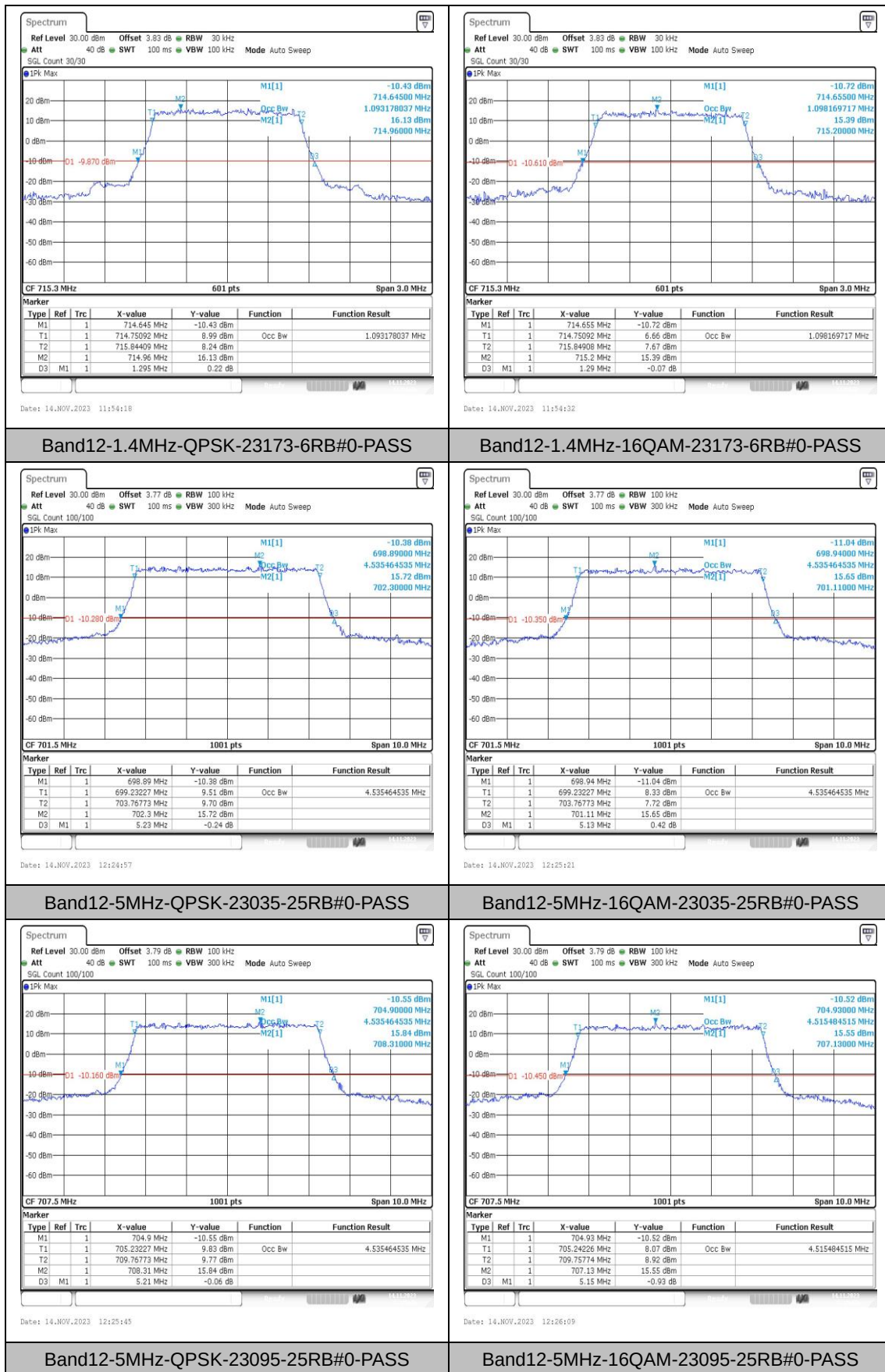
Appendix C: 26dB Bandwidth and Occupied Bandwidth

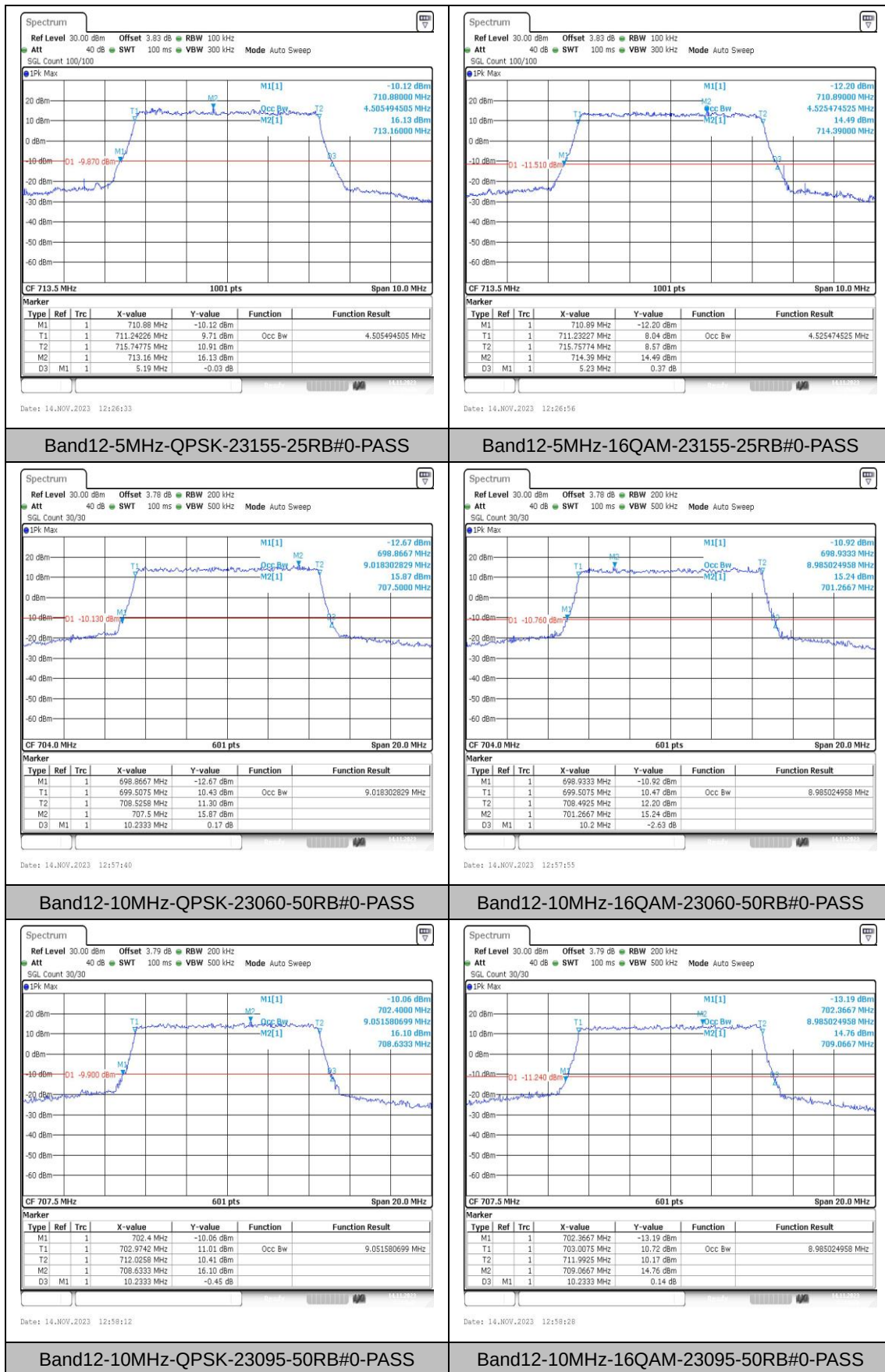
Test Result

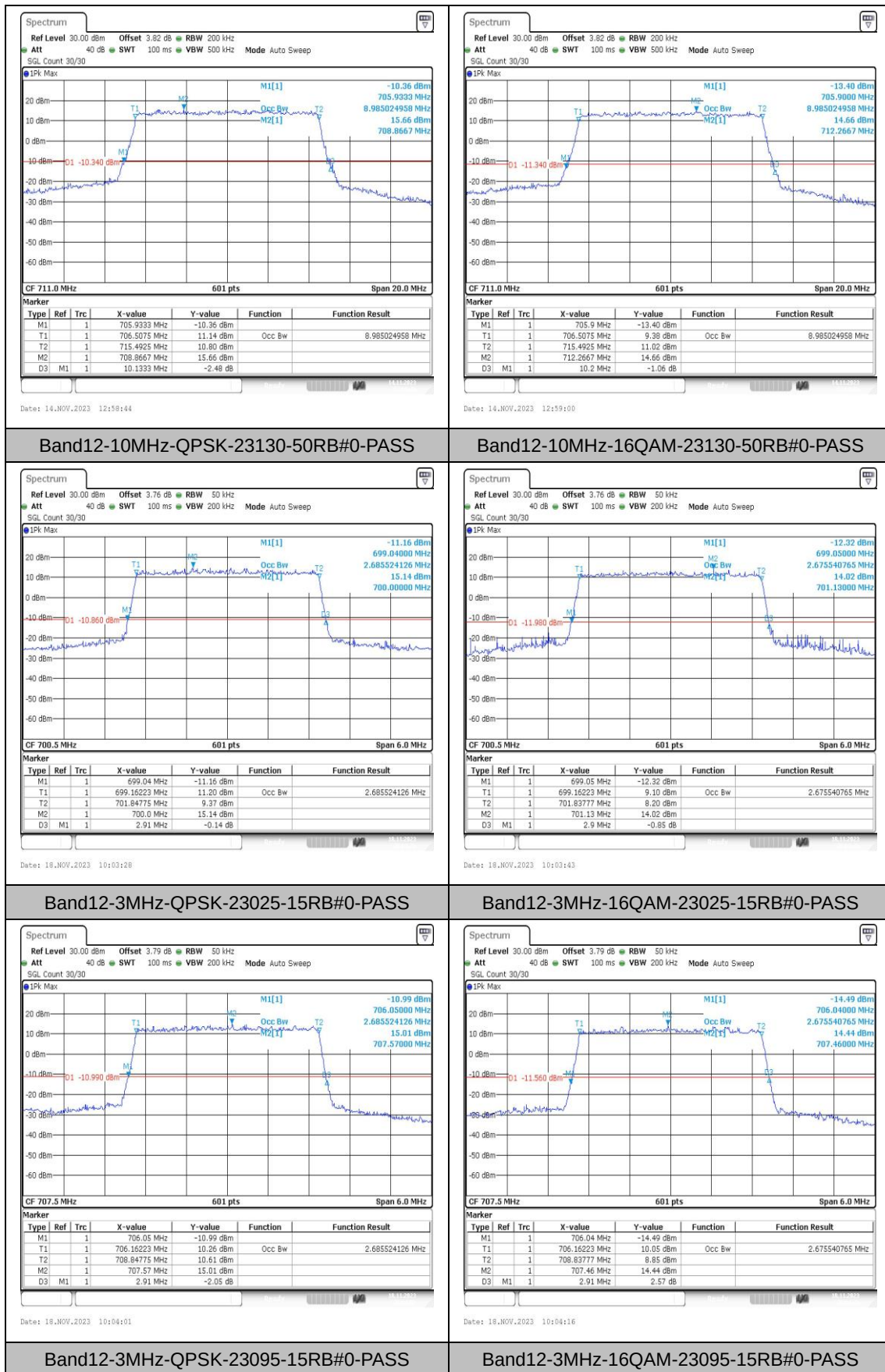
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.093	1.29	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.103	1.32	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.29	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.098	1.32	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.29	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.098	1.29	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.535	5.23	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.535	5.13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.535	5.21	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.515	5.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.505	5.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.525	5.23	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.018	10.23	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	10.20	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.052	10.23	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.985	10.23	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.985	10.13	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.985	10.20	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.686	2.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.676	2.90	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.686	2.91	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.676	2.91	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.686	2.91	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.696	2.93	PASS

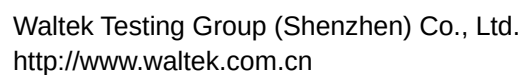
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-22.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-22.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-39.53	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-40.87	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-21.82	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-23.84	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-41.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-41.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-22.11	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.02	PASS
Band12	5MHz	QPSK	23035	1RB#0	-16.47	PASS
Band12	5MHz	16QAM	23035	1RB#0	-16.68	PASS
Band12	5MHz	QPSK	23035	1RB#24	-43.67	PASS
Band12	5MHz	16QAM	23035	1RB#24	-45.96	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.99	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.44	PASS
Band12	5MHz	QPSK	23155	1RB#0	-46.47	PASS
Band12	5MHz	16QAM	23155	1RB#0	-46.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.86	PASS
Band12	5MHz	16QAM	23155	1RB#24	-16.91	PASS
Band12	5MHz	QPSK	23155	25RB#0	-27.76	PASS
Band12	5MHz	16QAM	23155	25RB#0	-28.81	PASS
Band12	10MHz	QPSK	23060	1RB#0	-20.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	-21.33	PASS
Band12	10MHz	QPSK	23060	1RB#49	-48.66	PASS
Band12	10MHz	16QAM	23060	1RB#49	-48.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.18	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.98	PASS
Band12	10MHz	QPSK	23130	1RB#0	-48.61	PASS
Band12	10MHz	16QAM	23130	1RB#0	-48.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	-20.11	PASS
Band12	10MHz	16QAM	23130	1RB#49	-21.26	PASS
Band12	10MHz	QPSK	23130	50RB#0	-31.96	PASS
Band12	10MHz	16QAM	23130	50RB#0	-33.39	PASS

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Band12	3MHz	QPSK	23025	1RB#0	-22.75	PASS
Band12	3MHz	16QAM	23025	1RB#0	-23.42	PASS
Band12	3MHz	QPSK	23025	1RB#14	-42.18	PASS
Band12	3MHz	16QAM	23025	1RB#14	-42.93	PASS
Band12	3MHz	QPSK	23025	15RB#0	-25.78	PASS
Band12	3MHz	16QAM	23025	15RB#0	-27.86	PASS
Band12	3MHz	QPSK	23165	1RB#0	-42.45	PASS
Band12	3MHz	16QAM	23165	1RB#0	-43.67	PASS
Band12	3MHz	QPSK	23165	1RB#14	-22.80	PASS
Band12	3MHz	16QAM	23165	1RB#14	-24.14	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.09	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.08	PASS

Test Graphs

