

Appendix for LTE Band 12

Product Name: Tablet

Model No: MDT880

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.25	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.12	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.13	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.16	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.14	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.23	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.12	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.02	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.16	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.03	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.30	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.19	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.21	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.21	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.17	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.30	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.22	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.35	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.18	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.11	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.19	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.05	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.26	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.29	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.21	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.29	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.13	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.41	PASS

Band12	1.4MHz	16QAM	23173	1RB#5	22.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.11	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.10	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.22	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.16	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.26	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.26	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.22	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.24	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.22	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.13	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.24	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.28	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.23	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.26	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.25	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.30	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.22	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.25	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.31	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.24	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.26	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.26	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.32	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.20	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.24	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.30	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.27	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.26	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.26	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.27	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.19	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.19	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.26	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.24	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.24	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.18	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.37	PASS

Band12	3MHz	16QAM	23165	1RB#14	22.11	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.26	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.18	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.23	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.17	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.41	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.30	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.45	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.28	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.28	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.28	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.33	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.29	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.24	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.28	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.29	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.31	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.27	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.32	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.45	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.29	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.50	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.32	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.31	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.29	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.30	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.31	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.30	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.32	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.34	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.32	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.30	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.30	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.35	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.32	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.29	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.32	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.30	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.36	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.37	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.44	PASS

Band12	5MHz	16QAM	23155	1RB#24	22.36	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.42	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.37	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.33	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.39	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.27	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.37	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.33	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.28	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.34	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.34	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.32	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.17	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.35	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.26	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.27	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.33	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.41	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.36	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.43	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.31	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.36	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.34	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.33	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.29	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.49	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.25	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.28	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.33	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.34	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.29	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.53	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.30	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.35	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.38	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.33	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.34	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.36	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.18	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.30	PASS

Band12	10MHz	16QAM	23130	1RB#49	22.11	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.39	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.34	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.35	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.38	PASS

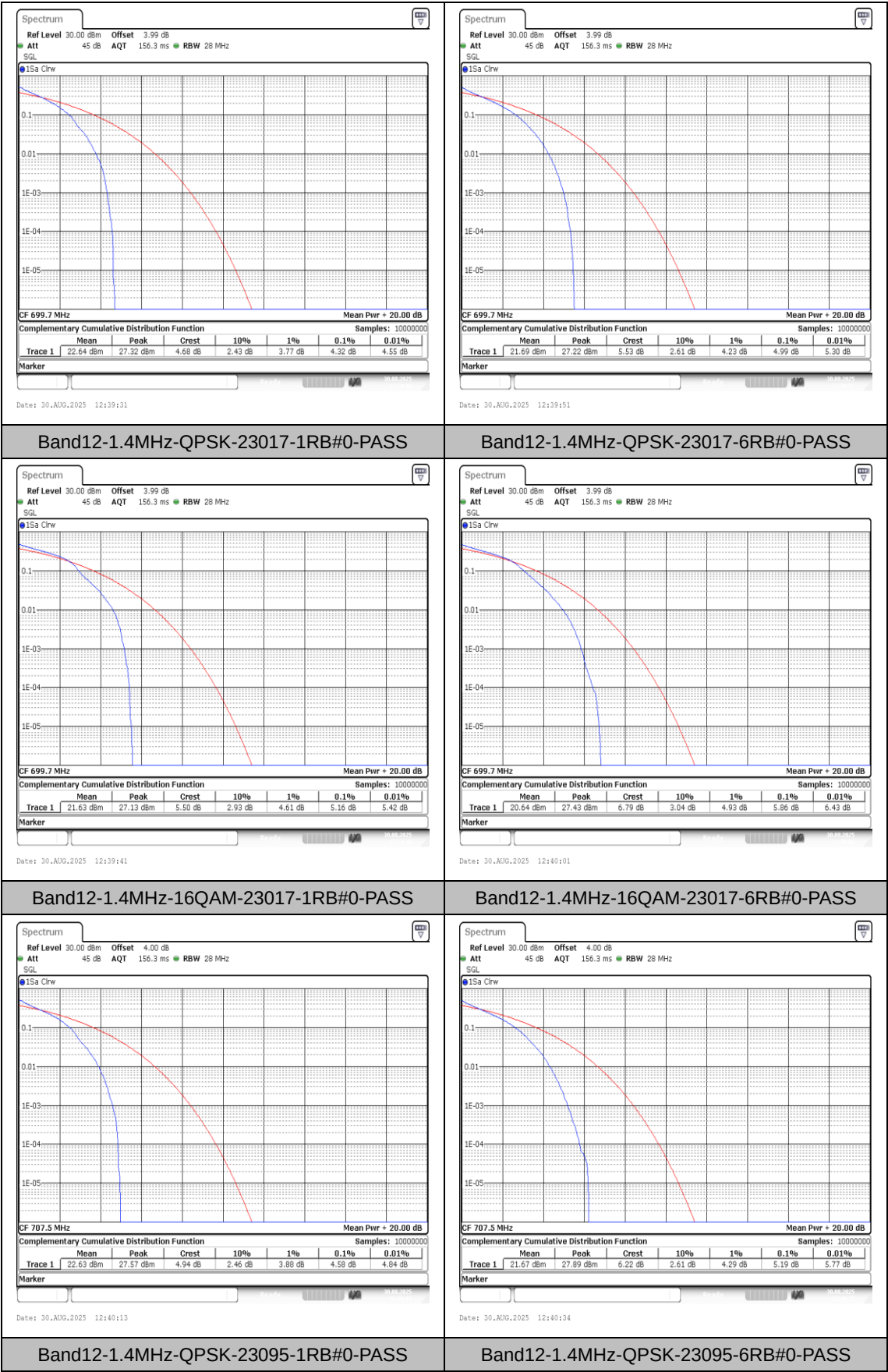
Appendix B: Peak-to-Average Ratio(CCDF)

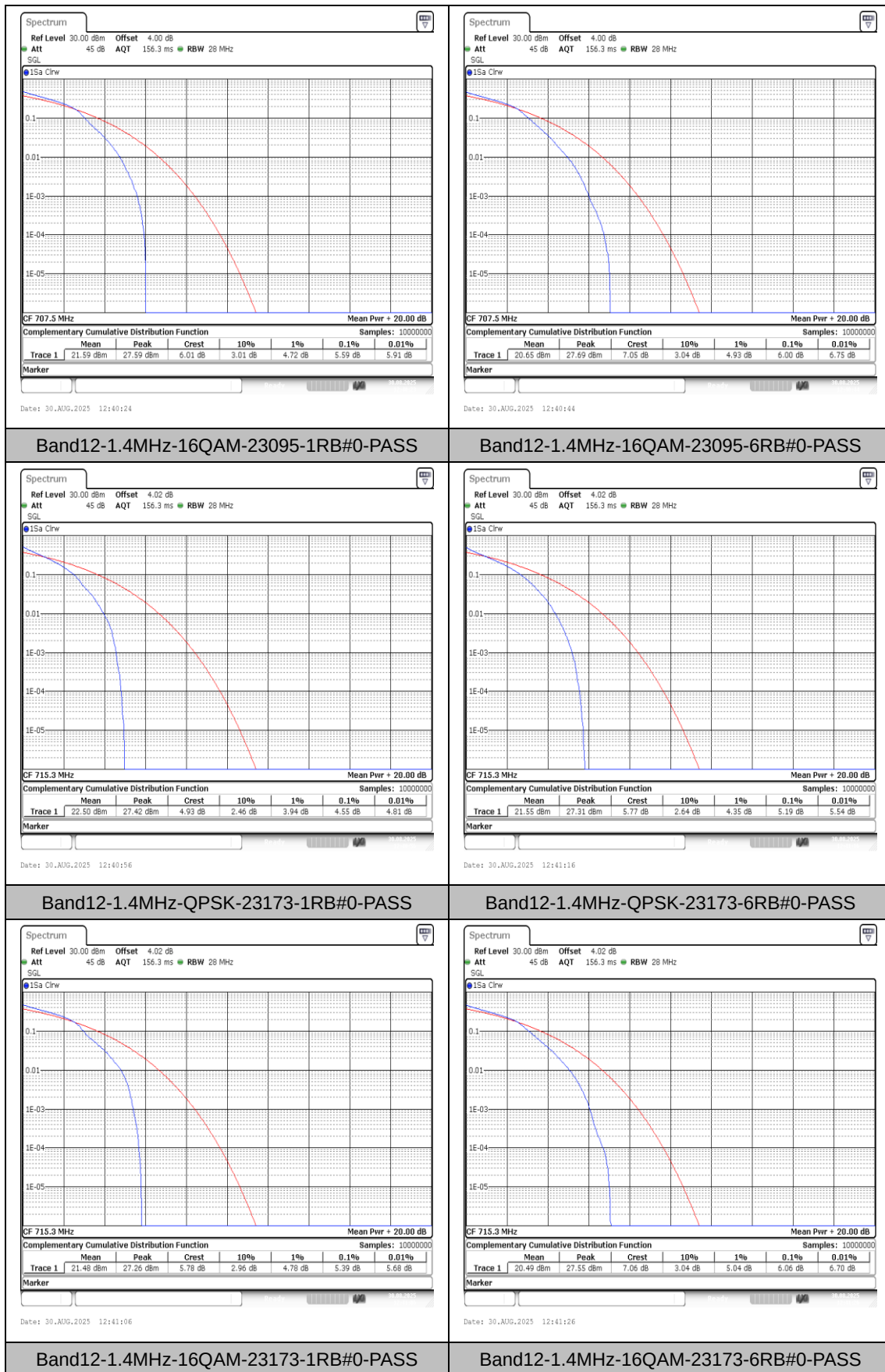
Test Result

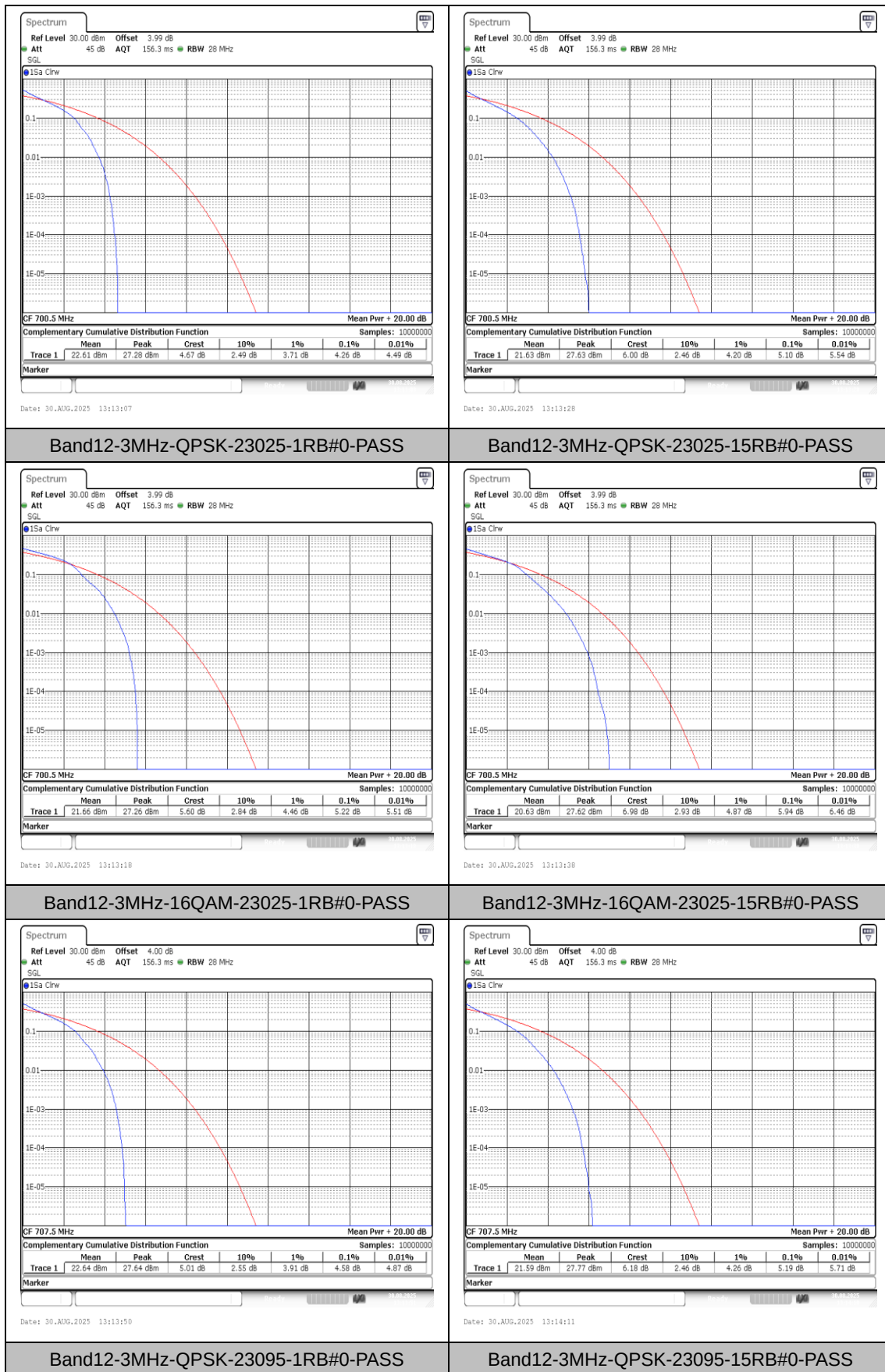
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.32	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.99	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.16	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.86	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.58	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.19	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.59	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.00	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.55	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.19	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.39	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.06	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.26	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.10	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.22	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.94	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.58	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.19	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.06	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.55	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.30	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.12	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.29	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.16	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.04	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.91	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.64	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.19	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.33	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.97	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.38	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.28	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.16	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.06	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.17	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.25	13	PASS

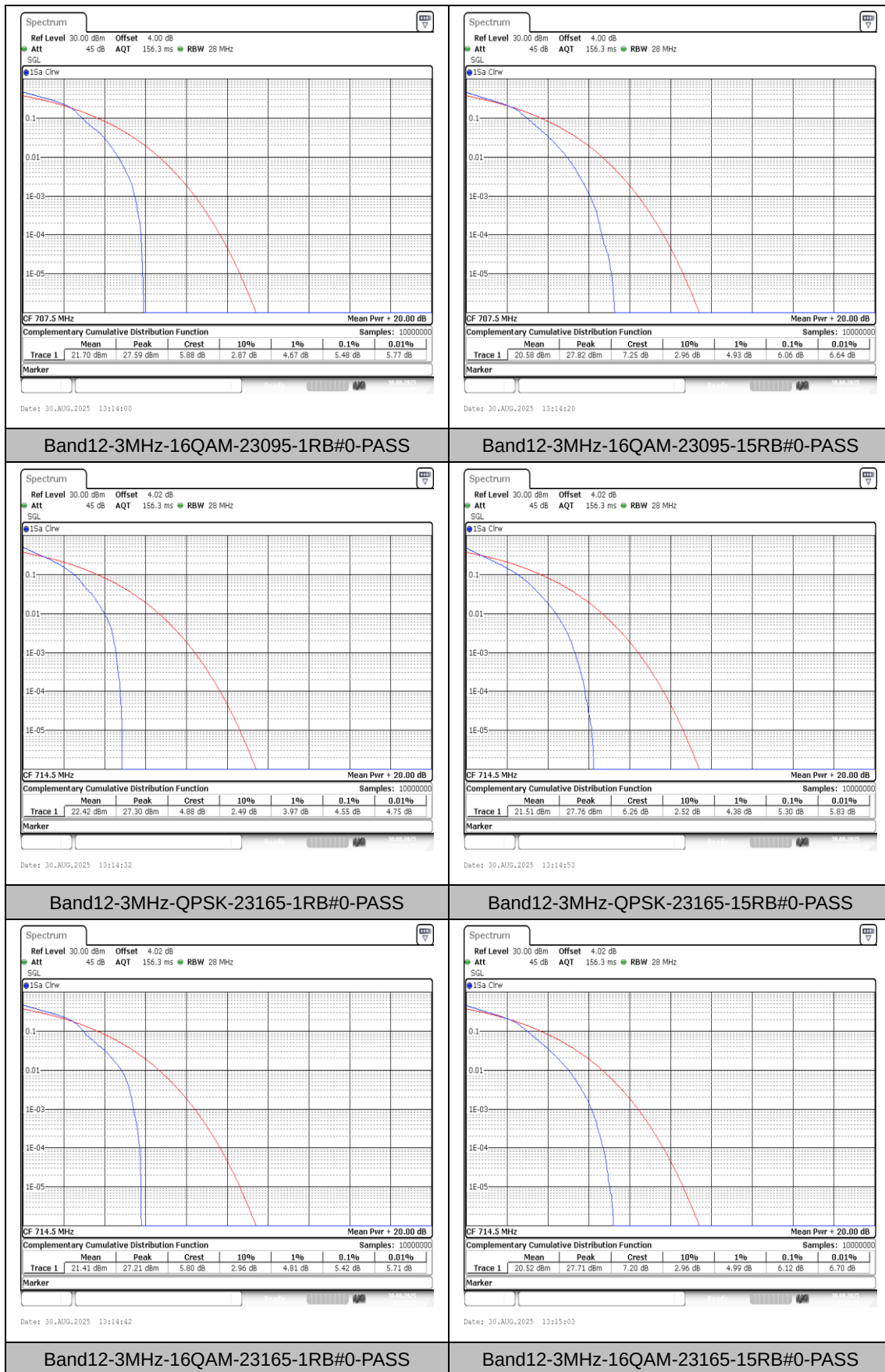
Band12	10MHz	16QAM	23060	1RB#0	5.10	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.03	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.41	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.13	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.28	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.00	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.49	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.22	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.06	13	PASS

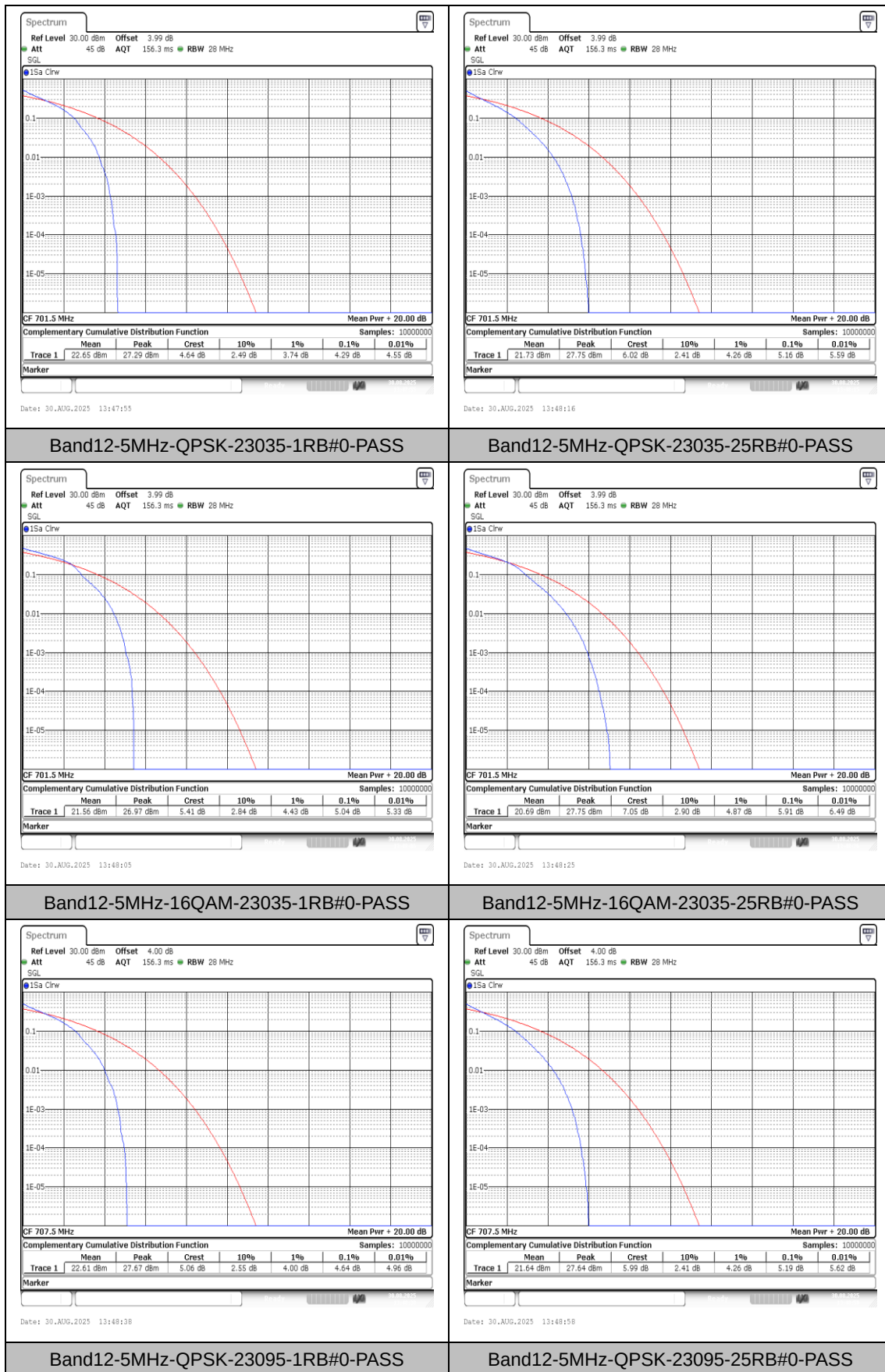
Test Graphs

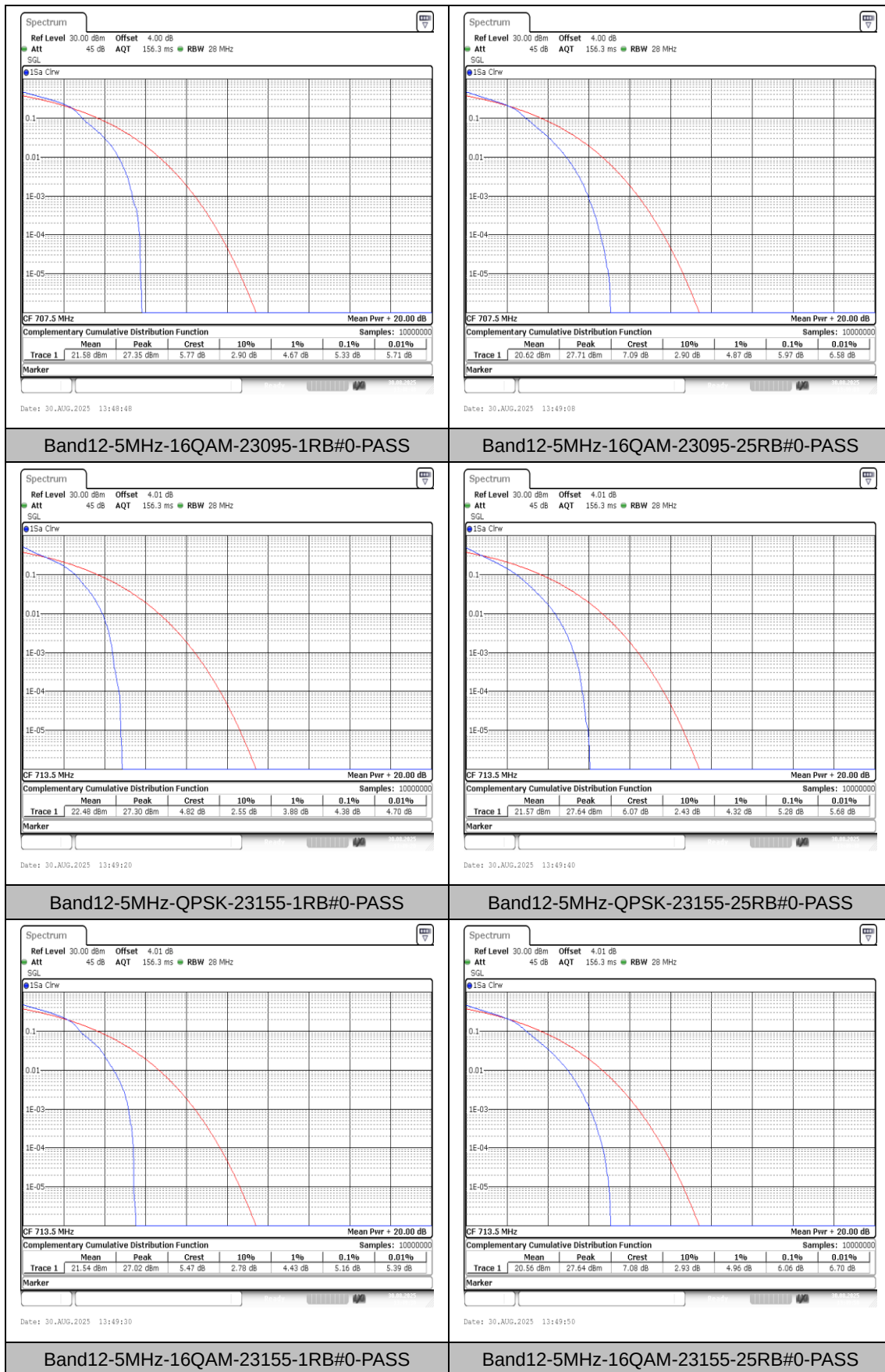


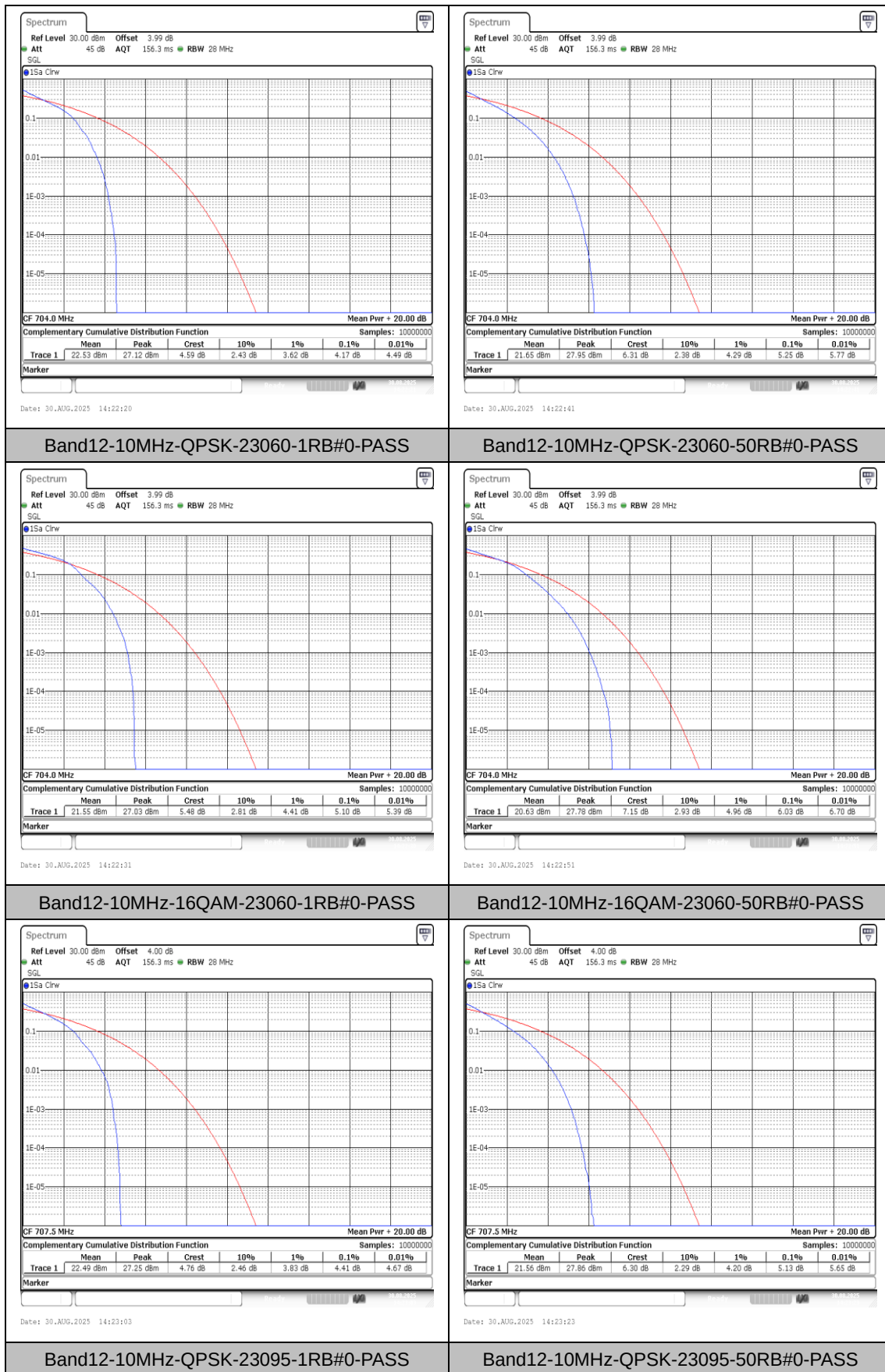


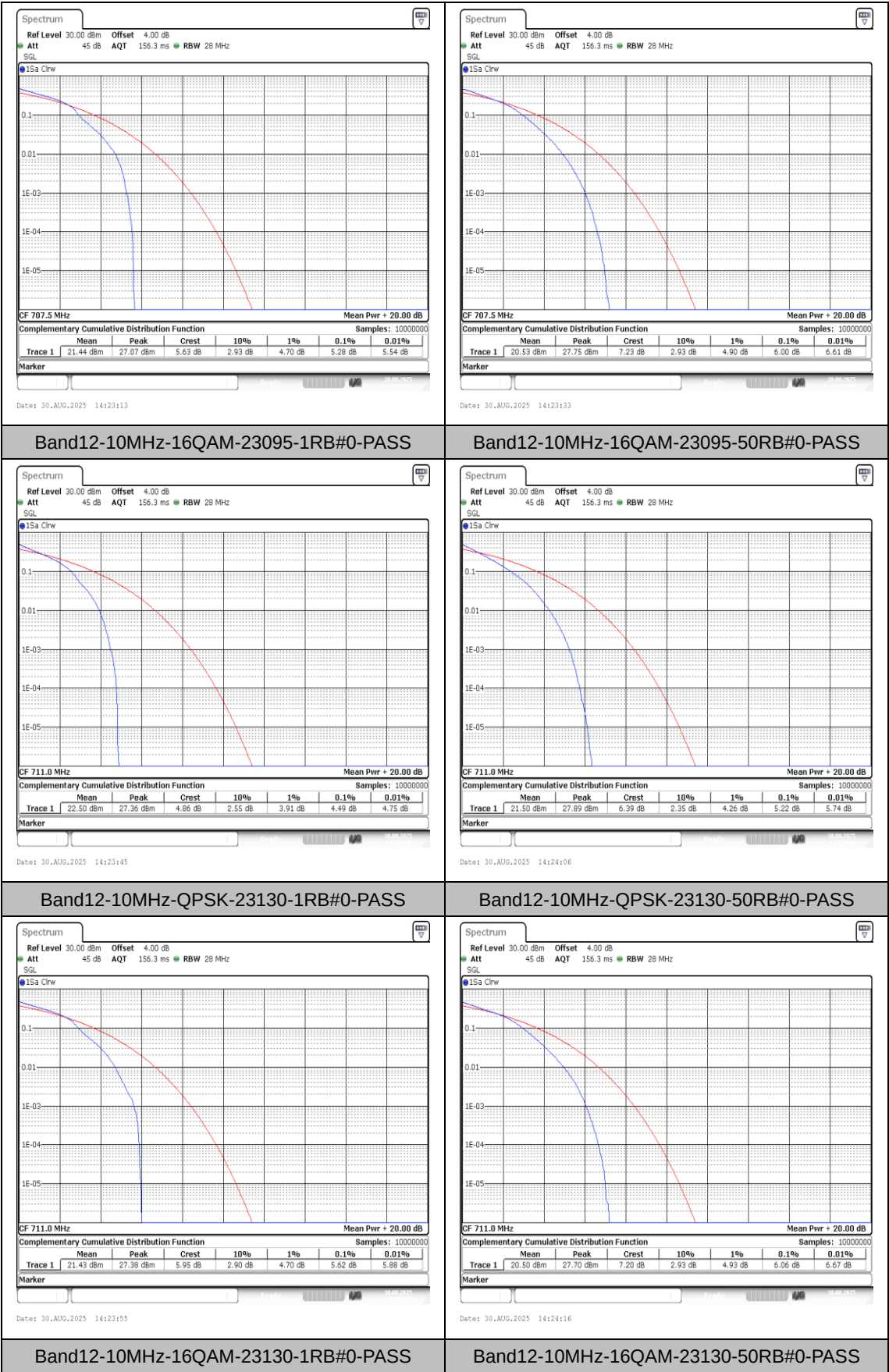










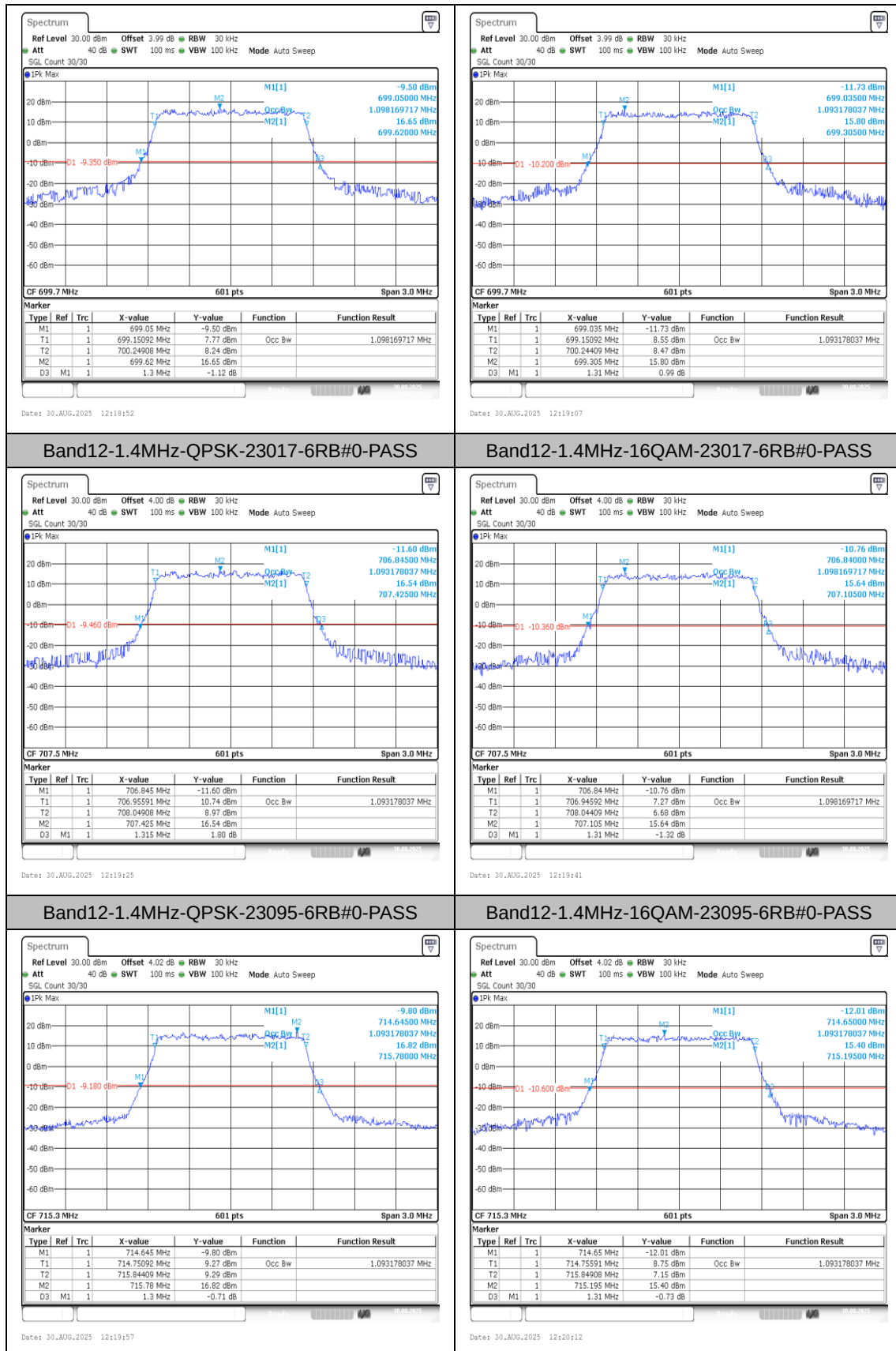


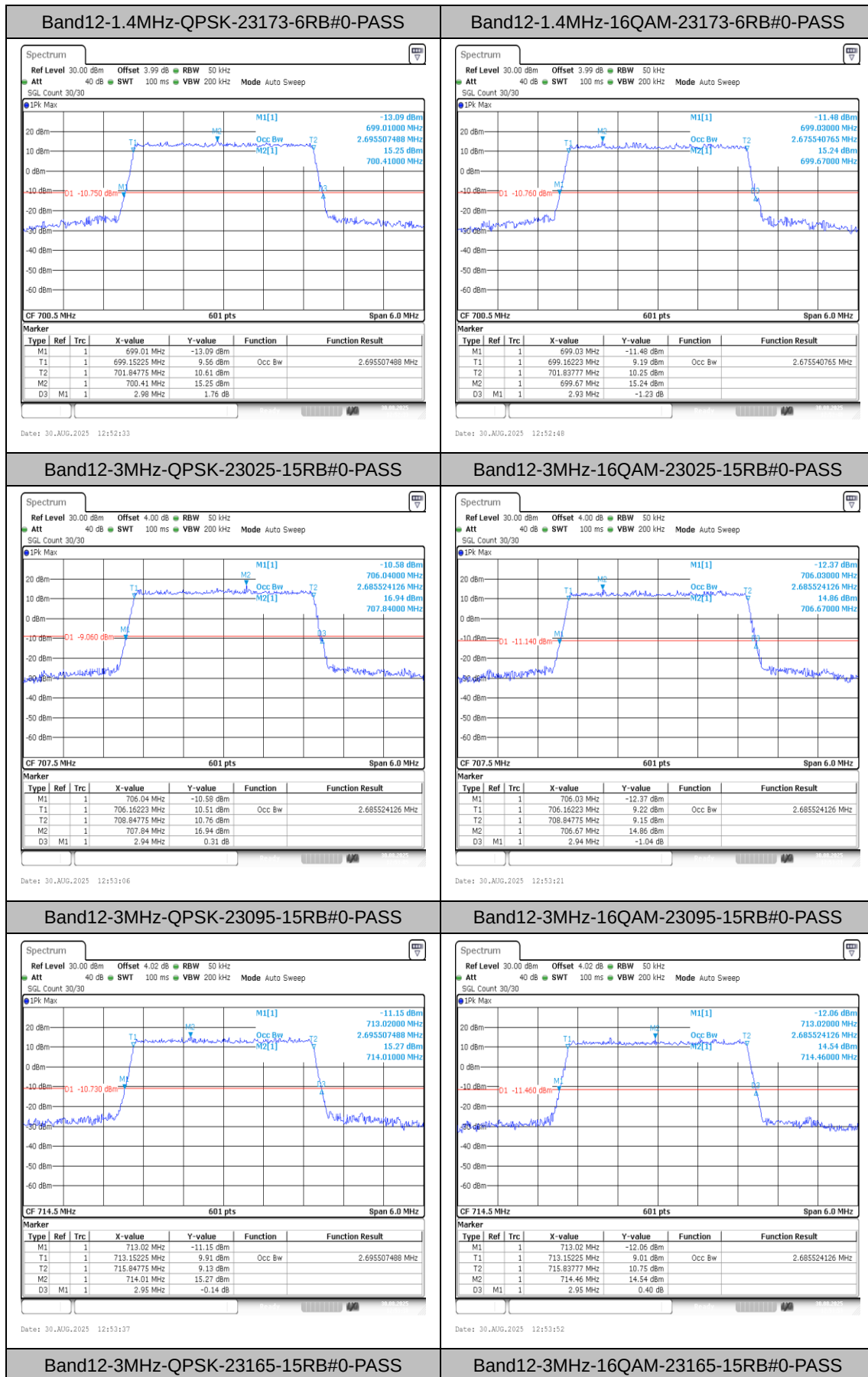
Appendix C: 26dB Bandwidth and Occupied Bandwidth

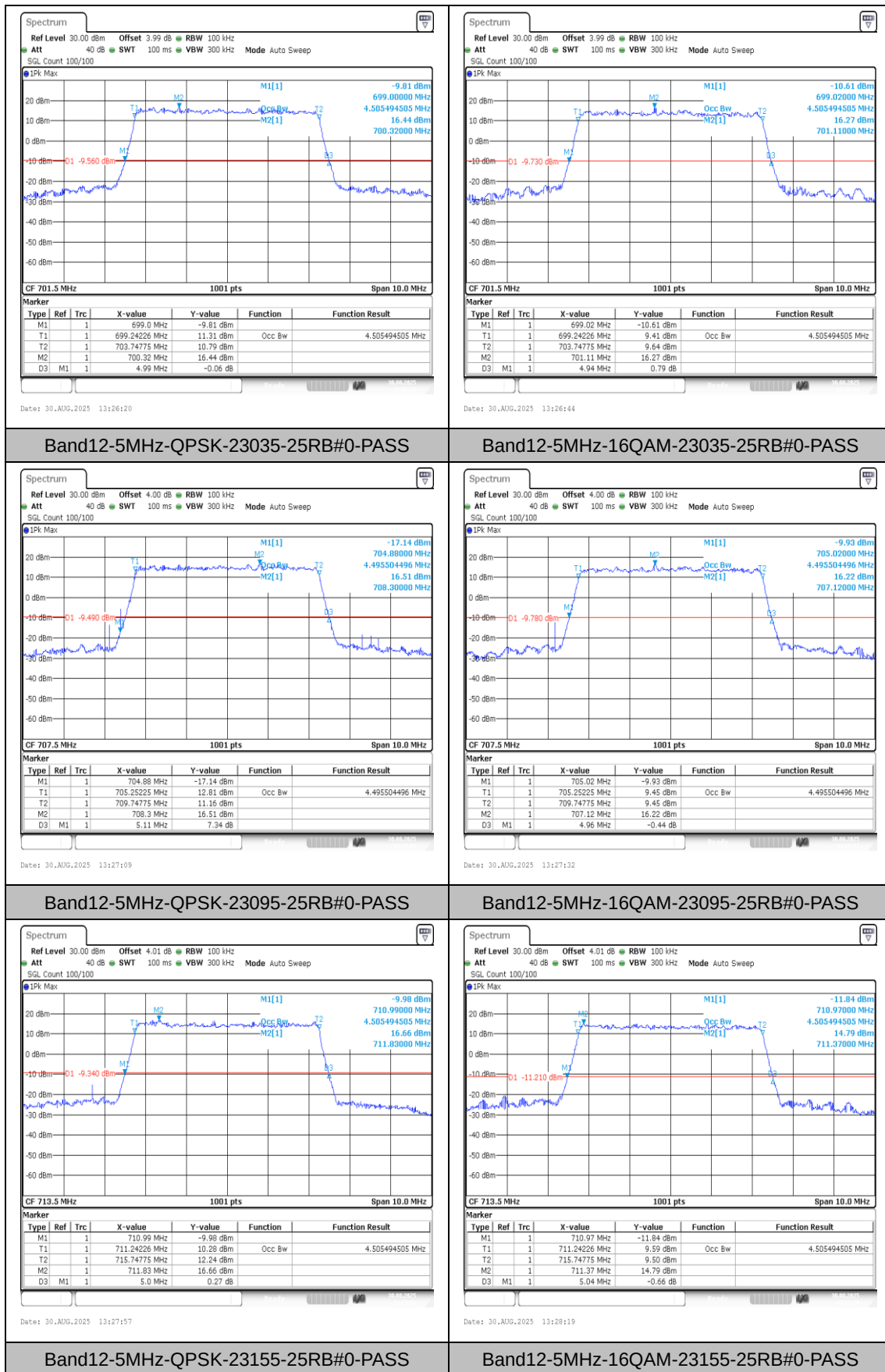
Test Result

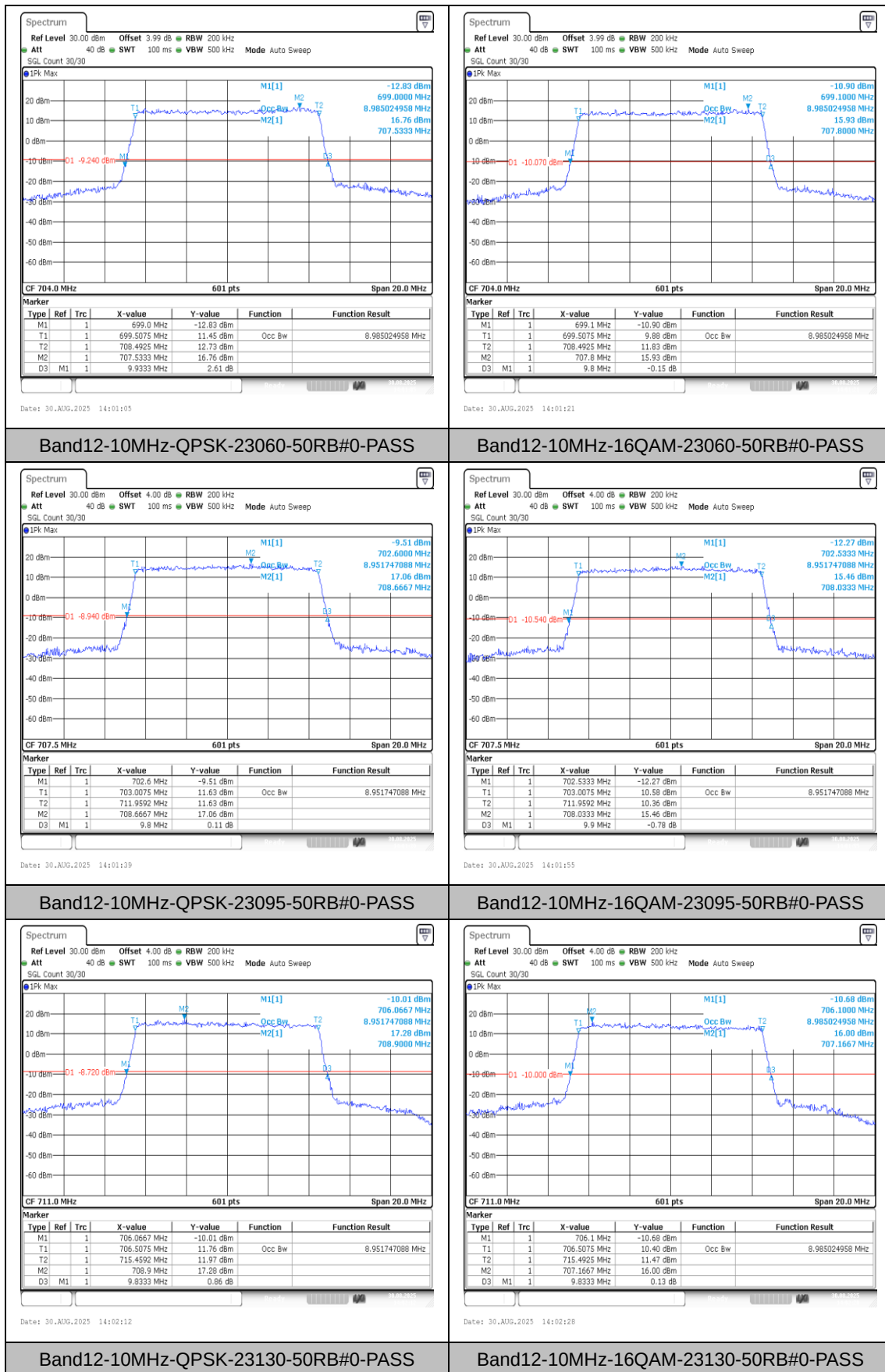
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.098	1.30	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.093	1.31	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.31	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.098	1.31	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.30	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.093	1.31	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.696	2.98	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.676	2.93	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.686	2.94	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.686	2.94	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.696	2.95	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.686	2.95	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.505	4.99	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.505	4.94	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.496	5.11	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.496	4.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.505	5.00	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.505	5.04	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.93	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.80	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.952	9.80	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.952	9.90	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.952	9.83	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.985	9.83	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	-19.68	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-41.19	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-26.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-21.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-42.05	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-41.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-19.90	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.20	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-41.90	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-22.13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	-18.81	PASS
Band12	3MHz	QPSK	23025	1RB#14	-39.53	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.17	PASS
Band12	3MHz	16QAM	23025	1RB#0	-19.84	PASS
Band12	3MHz	16QAM	23025	1RB#14	-40.15	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	-39.62	PASS
Band12	3MHz	QPSK	23165	1RB#14	-18.56	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.04	PASS
Band12	3MHz	16QAM	23165	1RB#0	-40.15	PASS
Band12	3MHz	16QAM	23165	1RB#14	-19.12	PASS
Band12	3MHz	16QAM	23165	15RB#0	-33.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	-20.74	PASS
Band12	5MHz	QPSK	23035	1RB#24	-45.52	PASS
Band12	5MHz	QPSK	23035	25RB#0	-31.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	-21.92	PASS
Band12	5MHz	16QAM	23035	1RB#24	-45.83	PASS
Band12	5MHz	16QAM	23035	25RB#0	-32.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	-46.51	PASS
Band12	5MHz	QPSK	23155	1RB#24	-20.55	PASS
Band12	5MHz	QPSK	23155	25RB#0	-33.64	PASS
Band12	5MHz	16QAM	23155	1RB#0	-47.14	PASS
Band12	5MHz	16QAM	23155	1RB#24	-22.32	PASS
Band12	5MHz	16QAM	23155	25RB#0	-34.31	PASS
Band12	10MHz	QPSK	23060	1RB#0	-25.97	PASS

Band12	10MHz	QPSK	23060	1RB#49	-47.93	PASS
Band12	10MHz	QPSK	23060	50RB#0	-35.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	-26.62	PASS
Band12	10MHz	16QAM	23060	1RB#49	-48.13	PASS
Band12	10MHz	16QAM	23060	50RB#0	-37.49	PASS
Band12	10MHz	QPSK	23130	1RB#0	-47.83	PASS
Band12	10MHz	QPSK	23130	1RB#49	-25.67	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.33	PASS
Band12	10MHz	16QAM	23130	1RB#0	-48.28	PASS
Band12	10MHz	16QAM	23130	1RB#49	-27.12	PASS
Band12	10MHz	16QAM	23130	50RB#0	-37.96	PASS

Test Graphs

