

Appendix for LTE Band 5

Product Name: Tablet

Model No: MDT665

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.37	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.09	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.41	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.14	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.41	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.16	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.40	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.10	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.99	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.22	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.34	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.05	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.20	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.99	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.19	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.97	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.14	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.97	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.17	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.88	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.91	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.14	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.95	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	23.13	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.89	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.16	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.04	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.05	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.19	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.30	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.19	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.22	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.14	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.23	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.13	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.23	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.11	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.20	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.18	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.20	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.16	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.21	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.05	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.09	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.16	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.09	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.19	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.03	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.09	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.07	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.11	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.14	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.16	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.08	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.11	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.32	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.24	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.26	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.28	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.31	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.29	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.30	PASS

Band5	3MHz	QPSK	20635	8RB#4	22.28	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.35	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.30	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.30	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.30	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.35	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.27	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.23	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.36	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.35	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.21	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.08	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.24	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.19	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.24	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.19	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.22	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.21	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.26	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.26	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.10	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.16	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.16	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.24	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.02	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.13	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.21	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.21	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.18	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.19	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.15	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.12	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.16	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.19	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.98	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.97	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.15	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.09	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.95	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.90	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.10	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.06	PASS

Band5	5MHz	QPSK	20625	12RB#6	22.06	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.05	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.02	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.03	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.08	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.30	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.38	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.42	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.47	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.17	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.20	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.31	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.32	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.34	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.28	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.29	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.22	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.31	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.30	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.32	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.29	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.08	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.17	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.31	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.28	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.29	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.29	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.19	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.16	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.23	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.20	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.17	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.14	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.14	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.00	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.03	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.21	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.21	PASS

Band5	10MHz	QPSK	20600	25RB#12	22.24	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.22	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.08	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.11	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.16	PASS

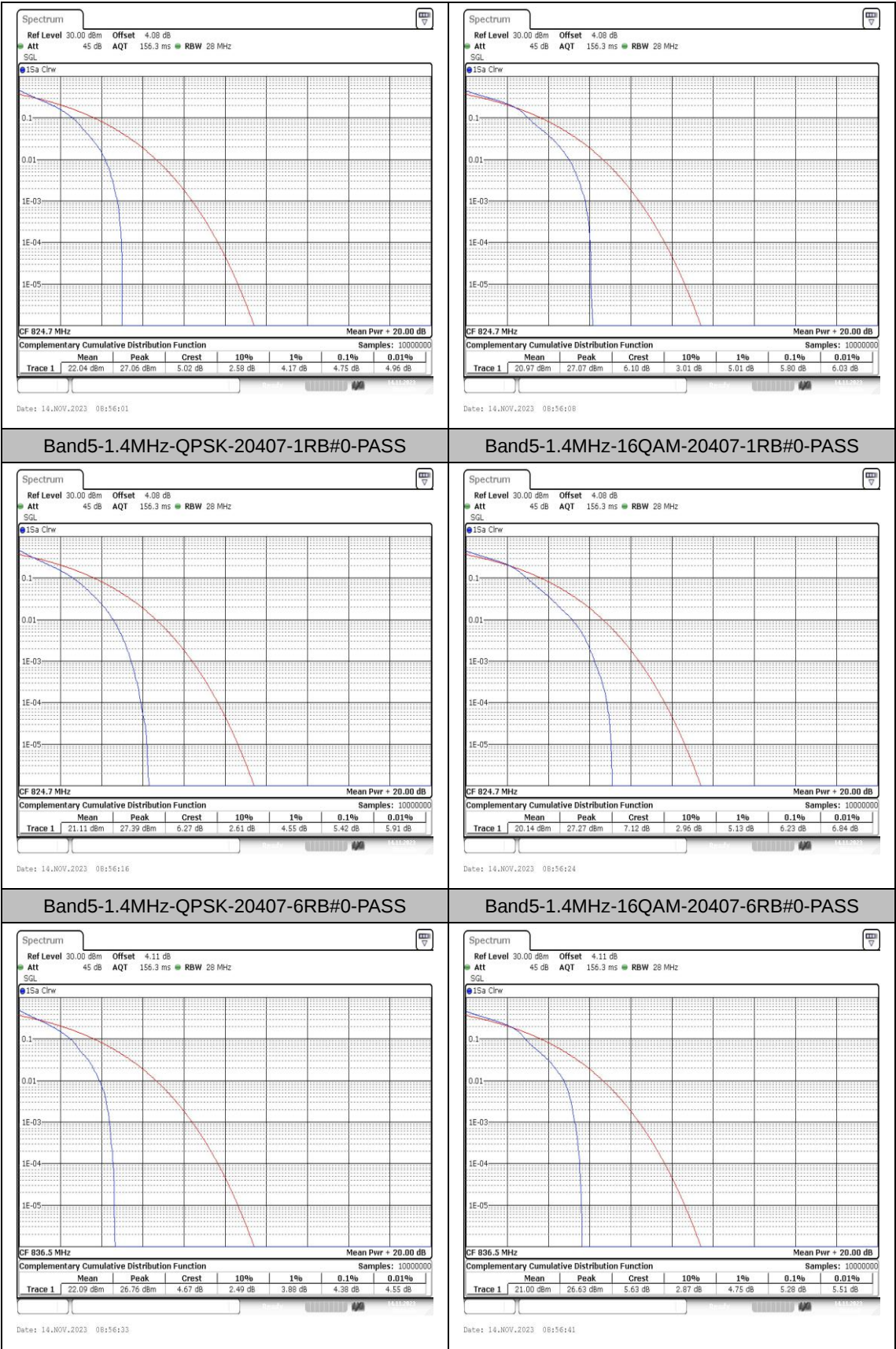
Appendix B: Peak-to-Average Ratio(CCDF)

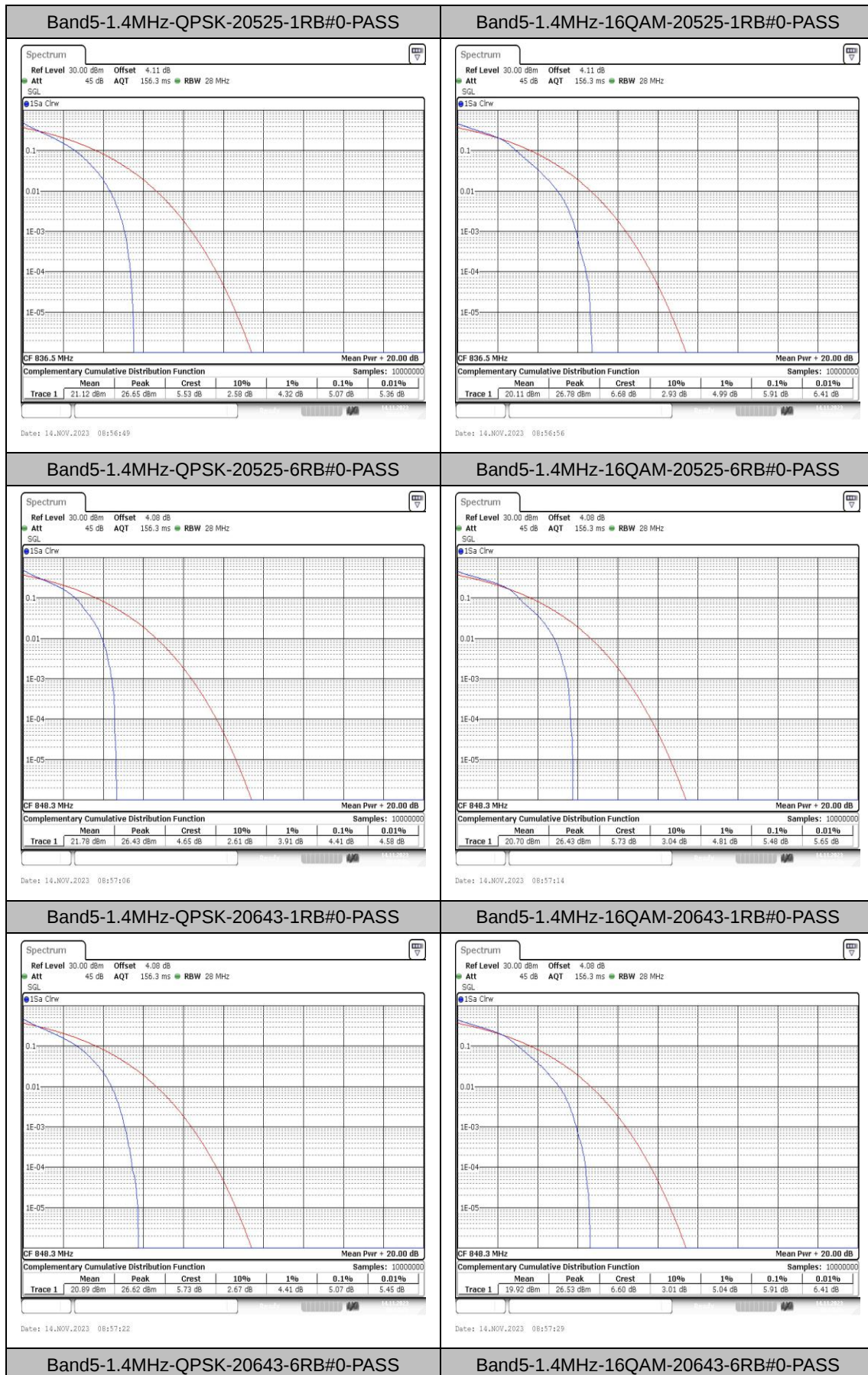
Test Result

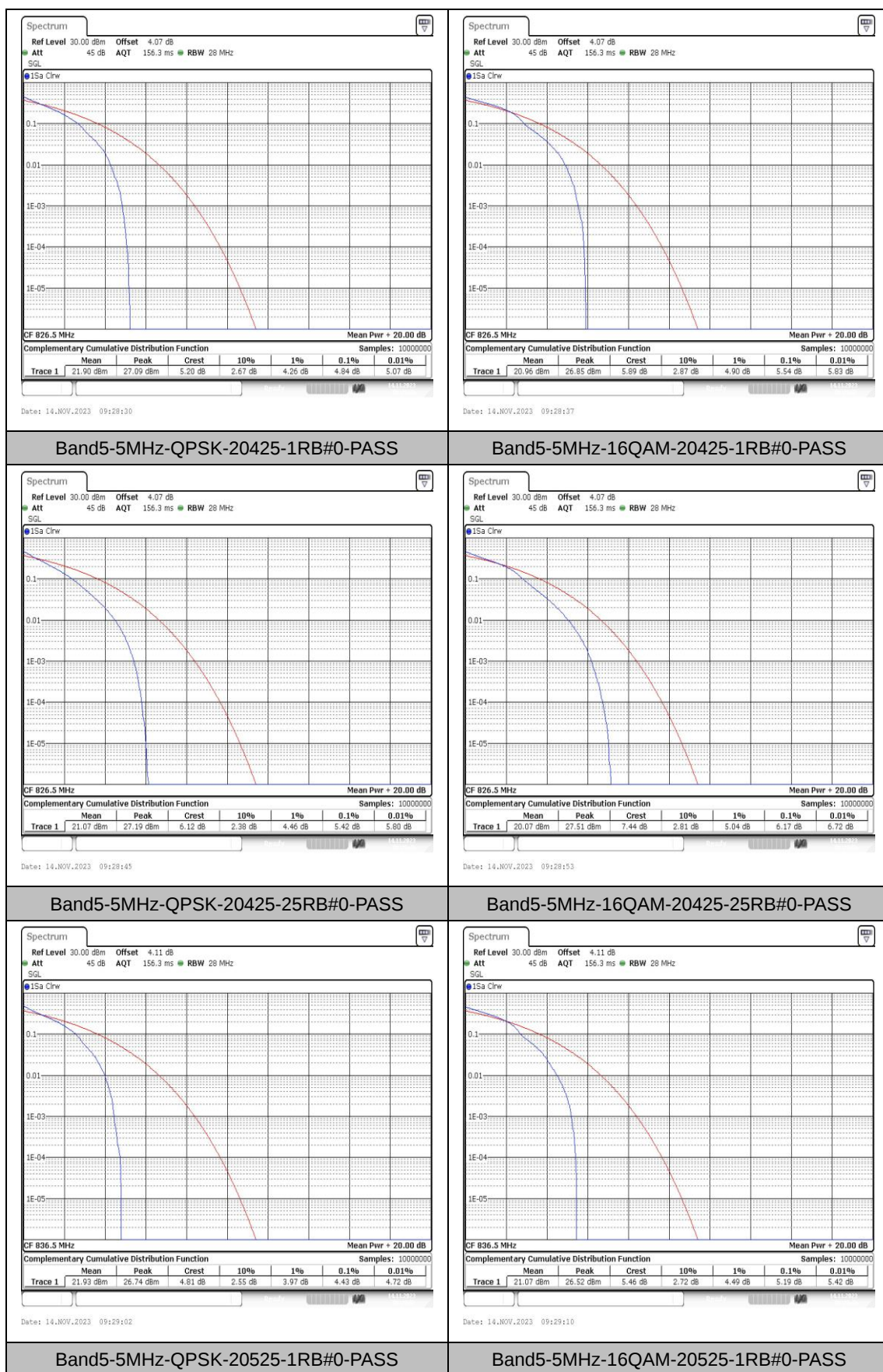
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.75	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.80	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.42	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.23	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.38	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.28	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.07	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.91	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.41	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.07	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.91	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.84	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.42	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.17	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.43	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.91	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.91	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.72	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.59	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.20	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.16	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.00	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.64	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.48	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.54	13	PASS

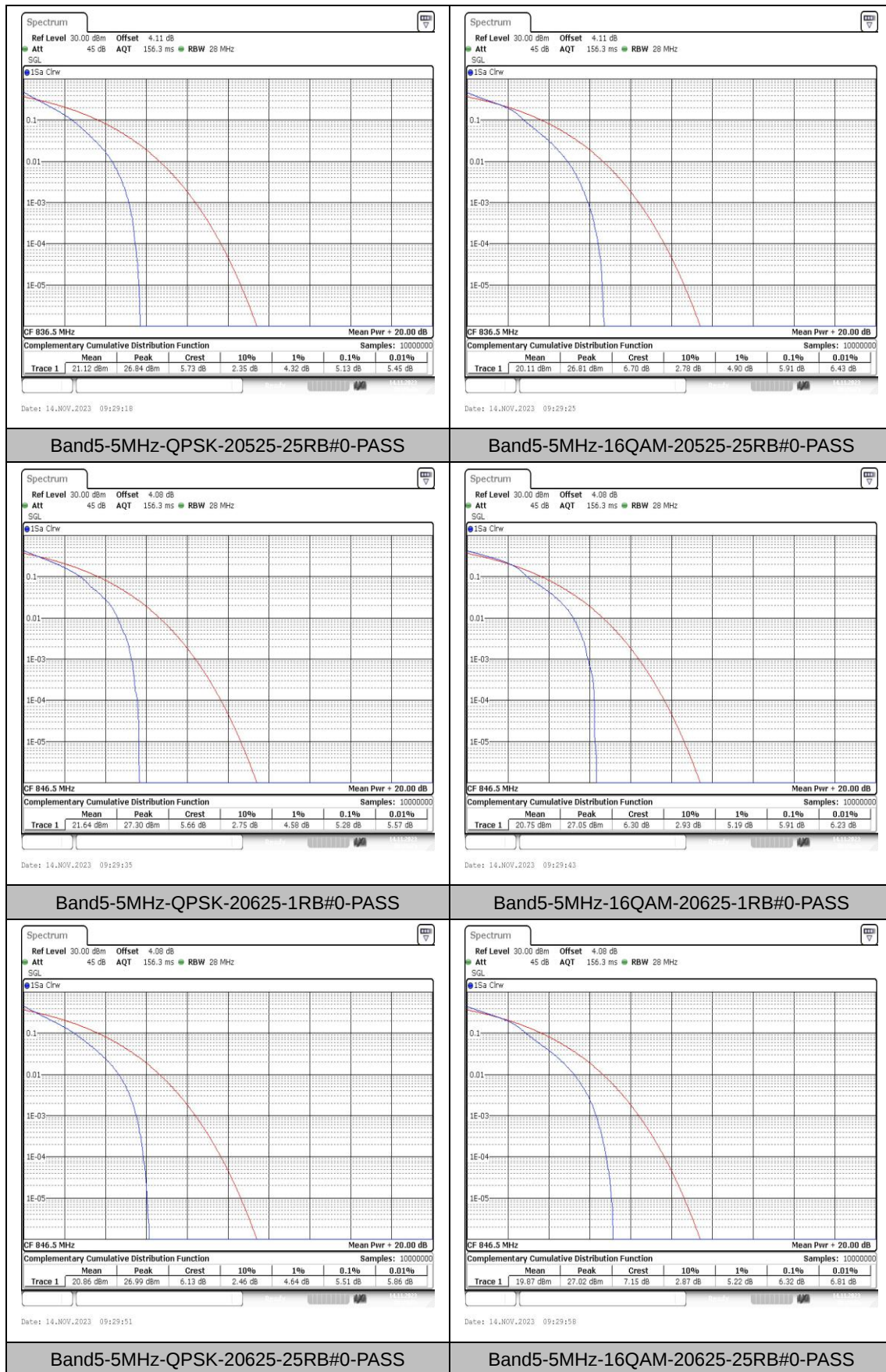
Band5	10MHz	16QAM	20600	50RB#0	6.38	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.64	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.51	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.17	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.14	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.16	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.97	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.17	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.96	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.83	13	PASS

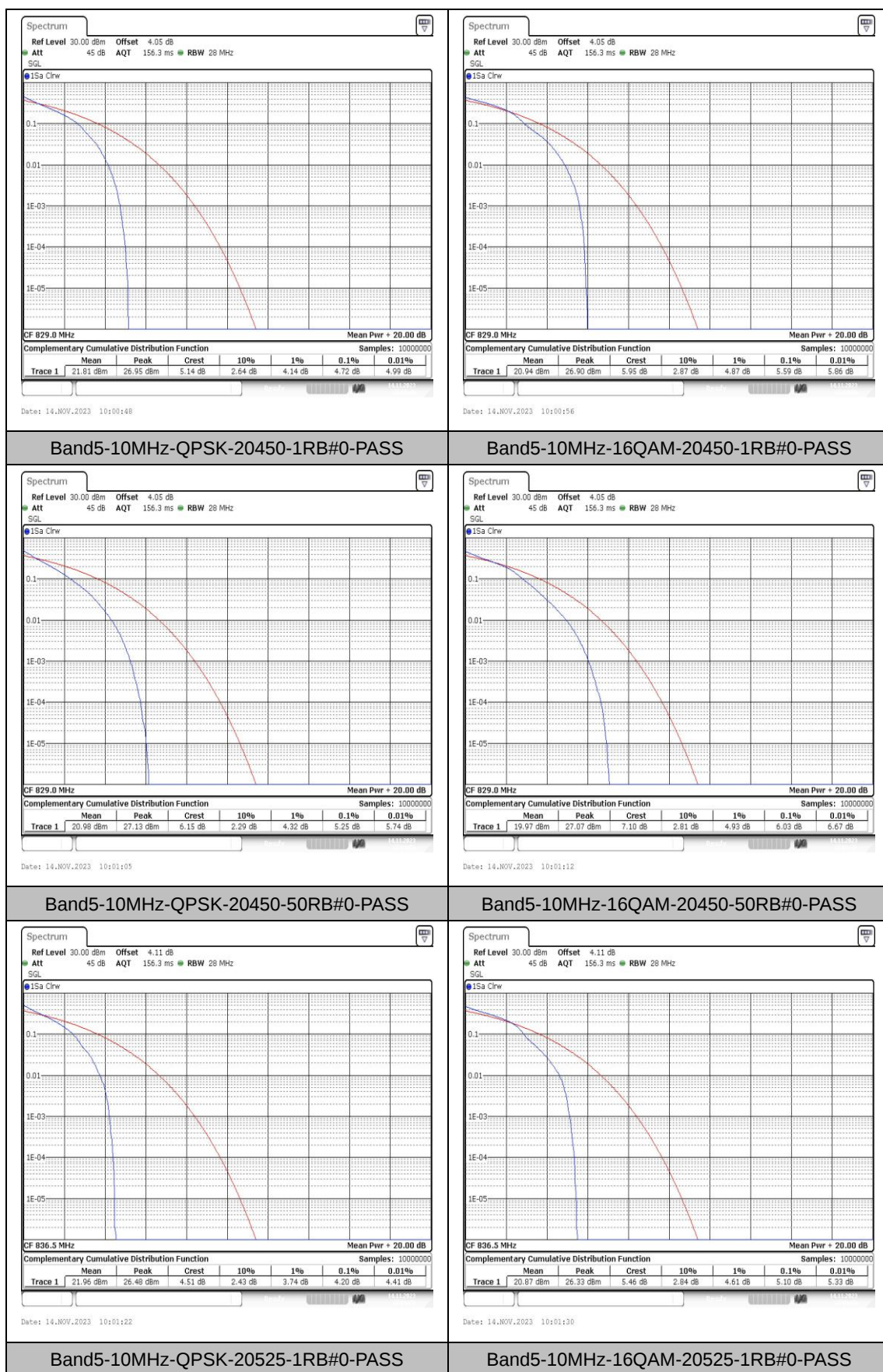
Test Graphs

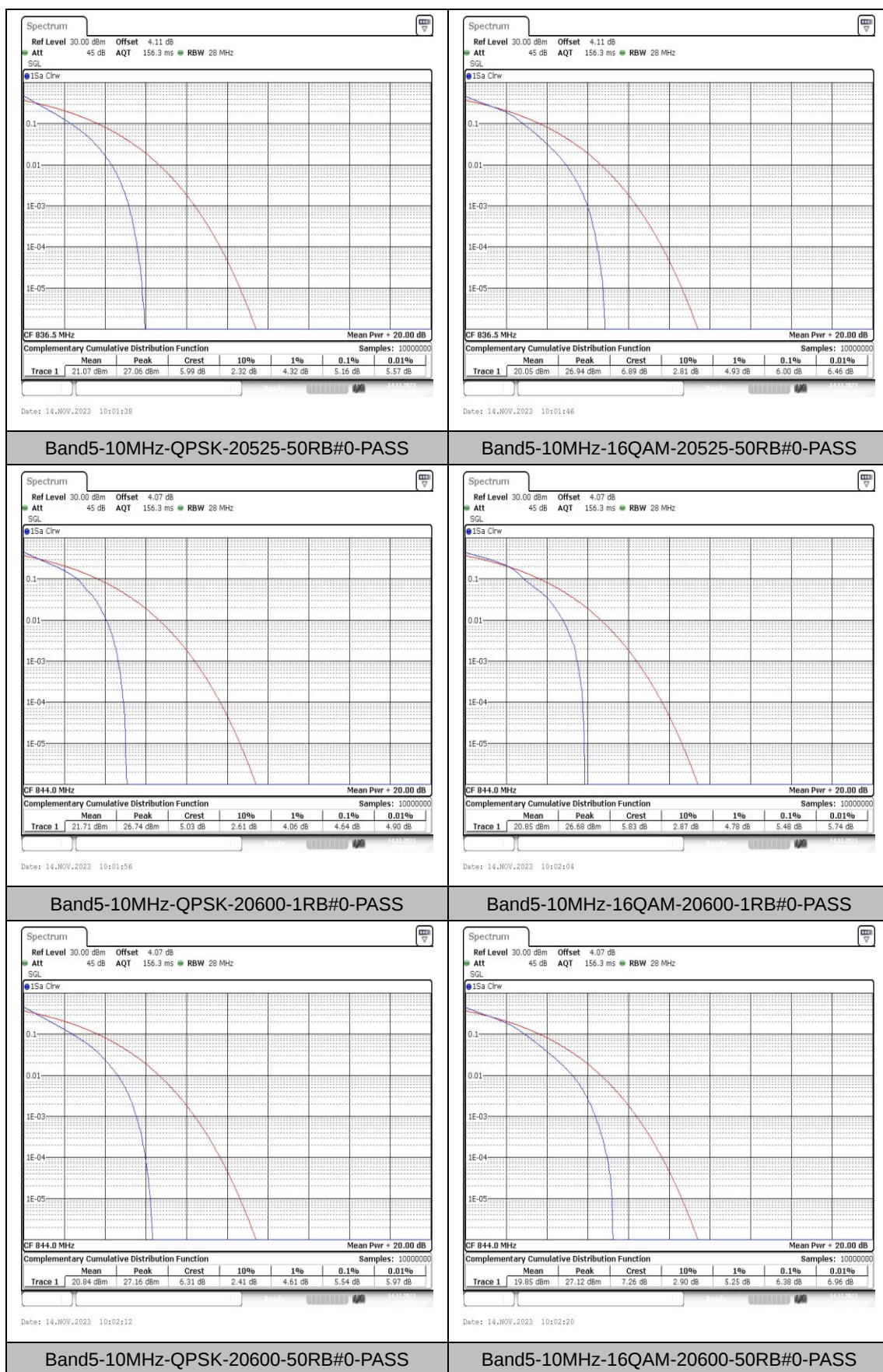


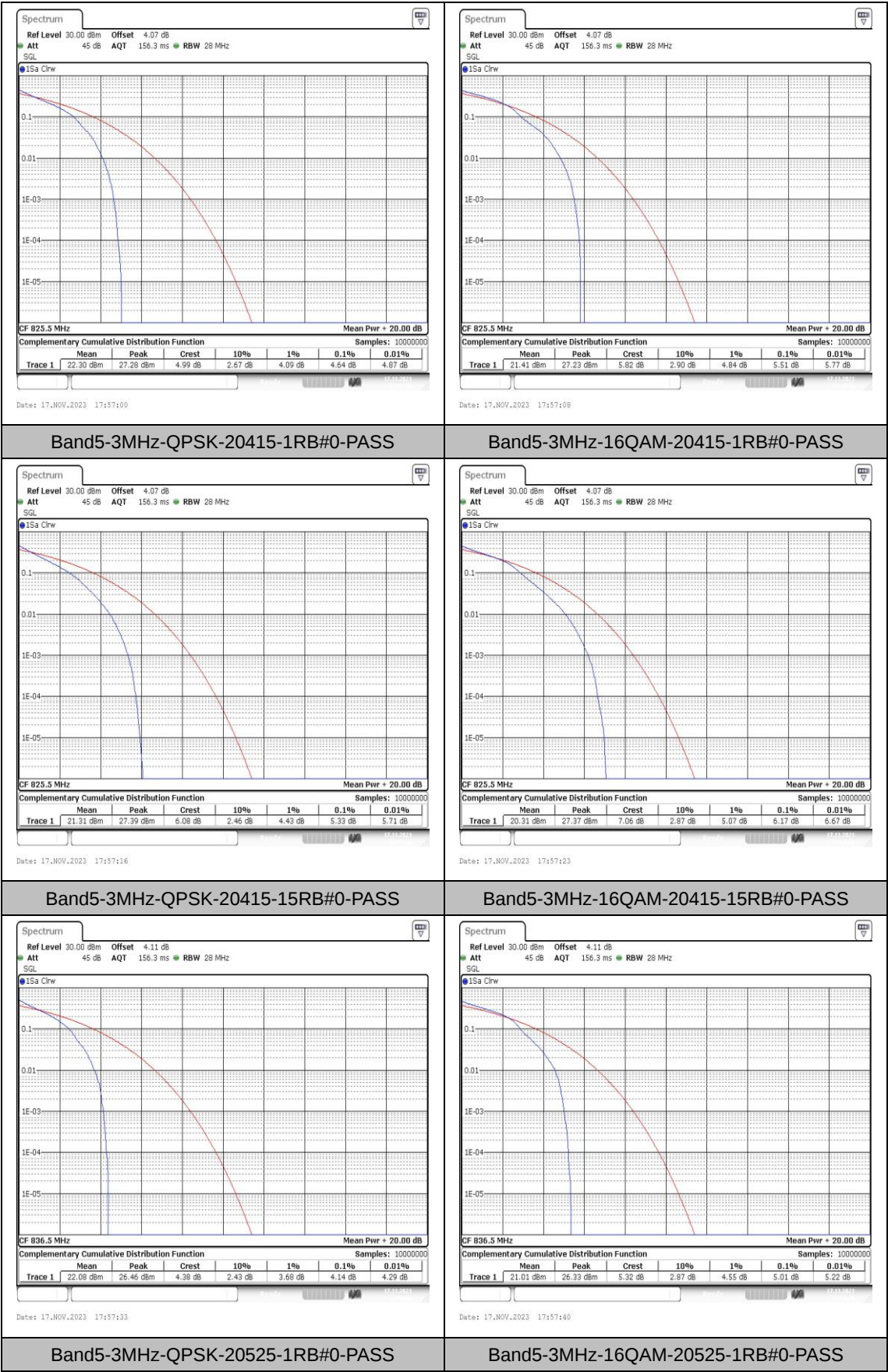


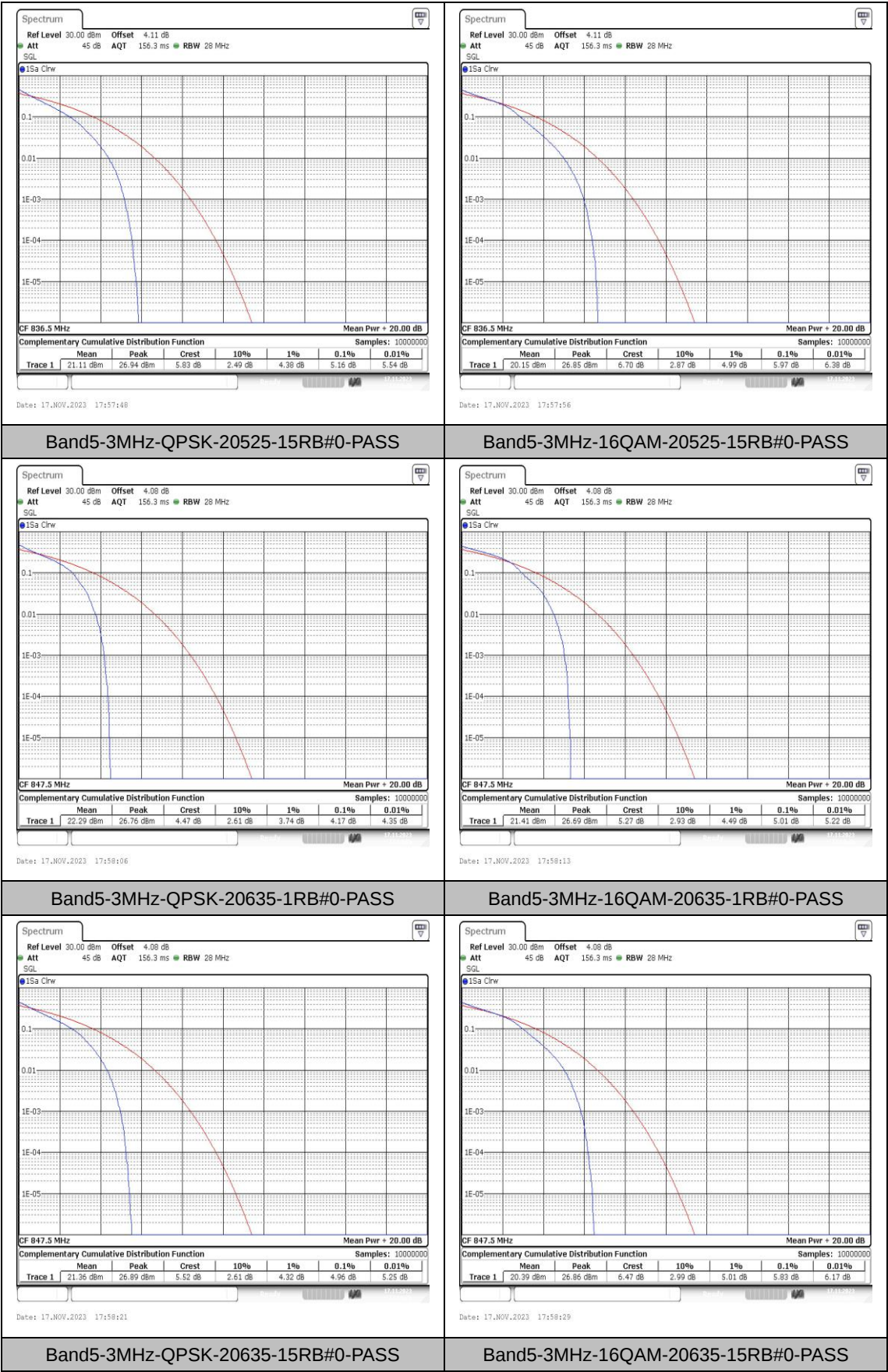










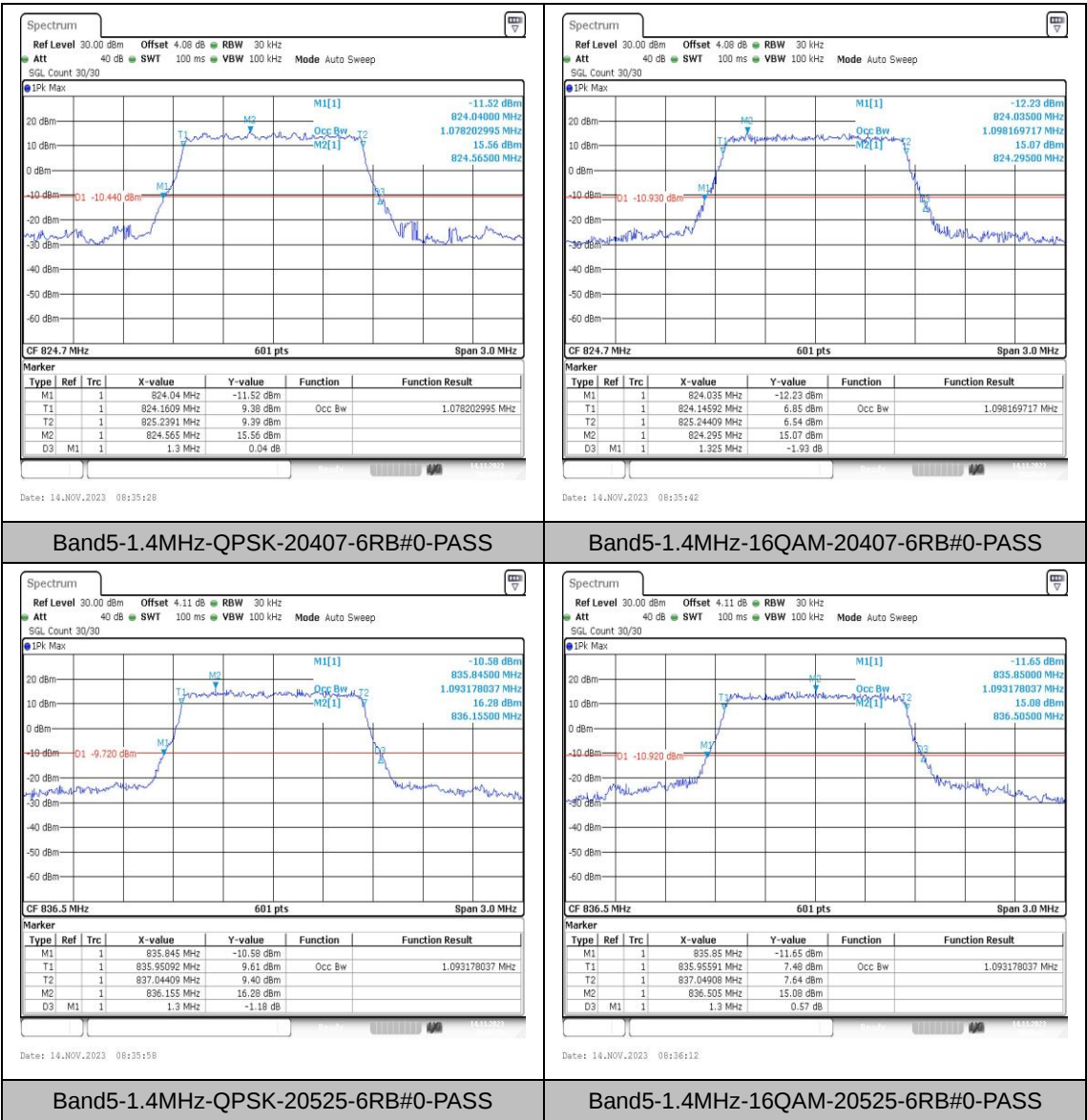


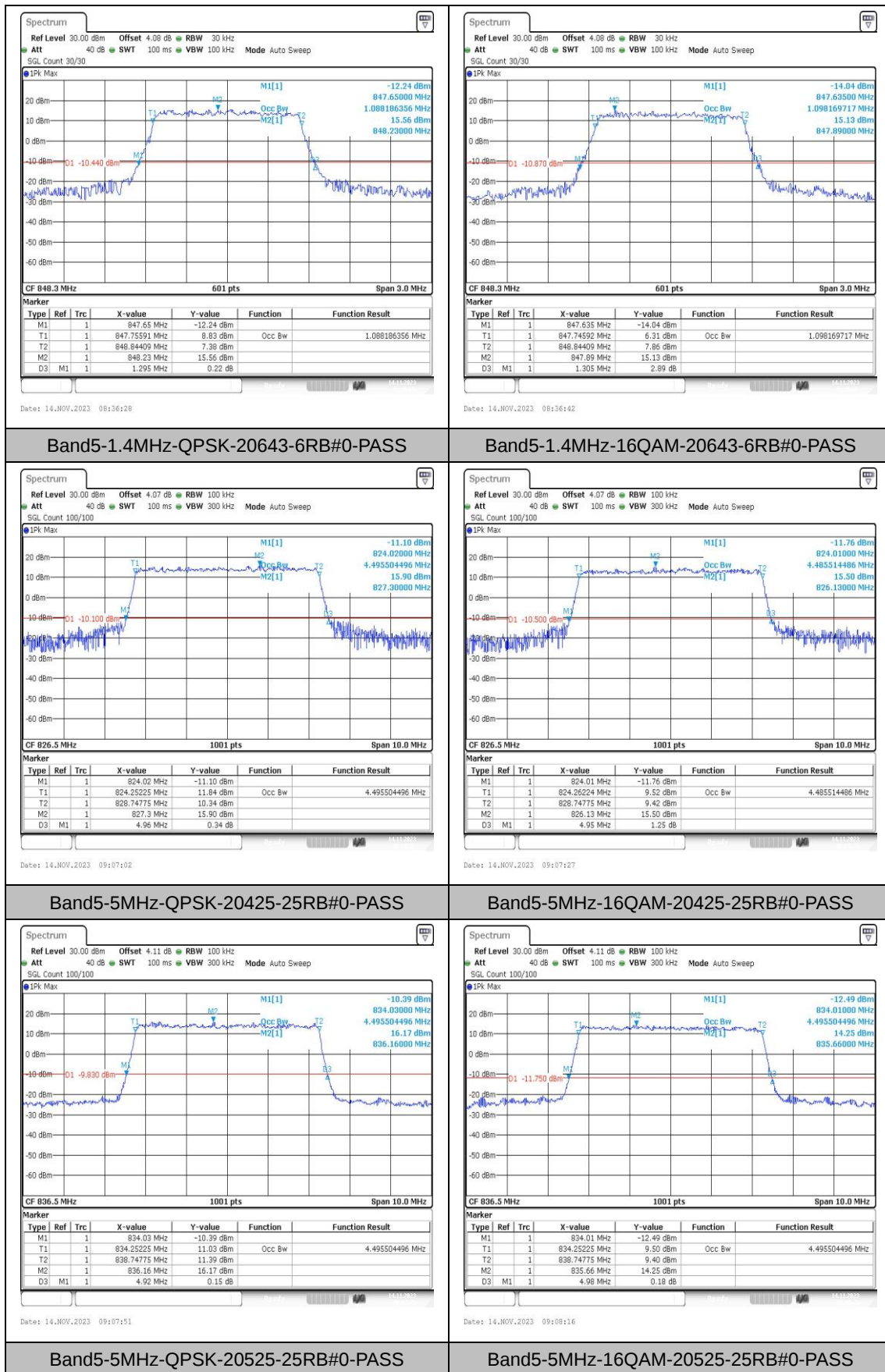
Appendix C: 26dB Bandwidth and Occupied Bandwidth

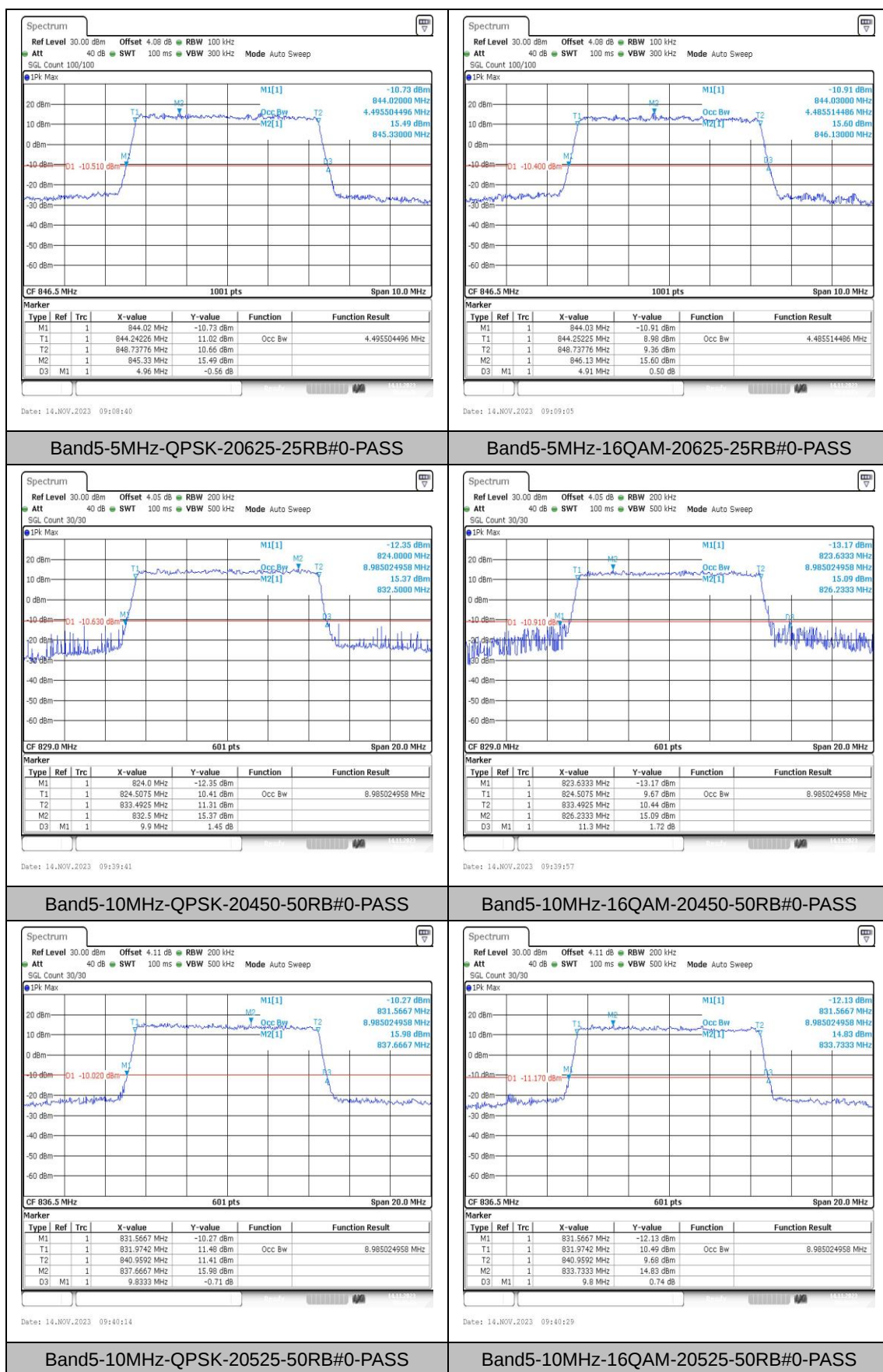
Test Result

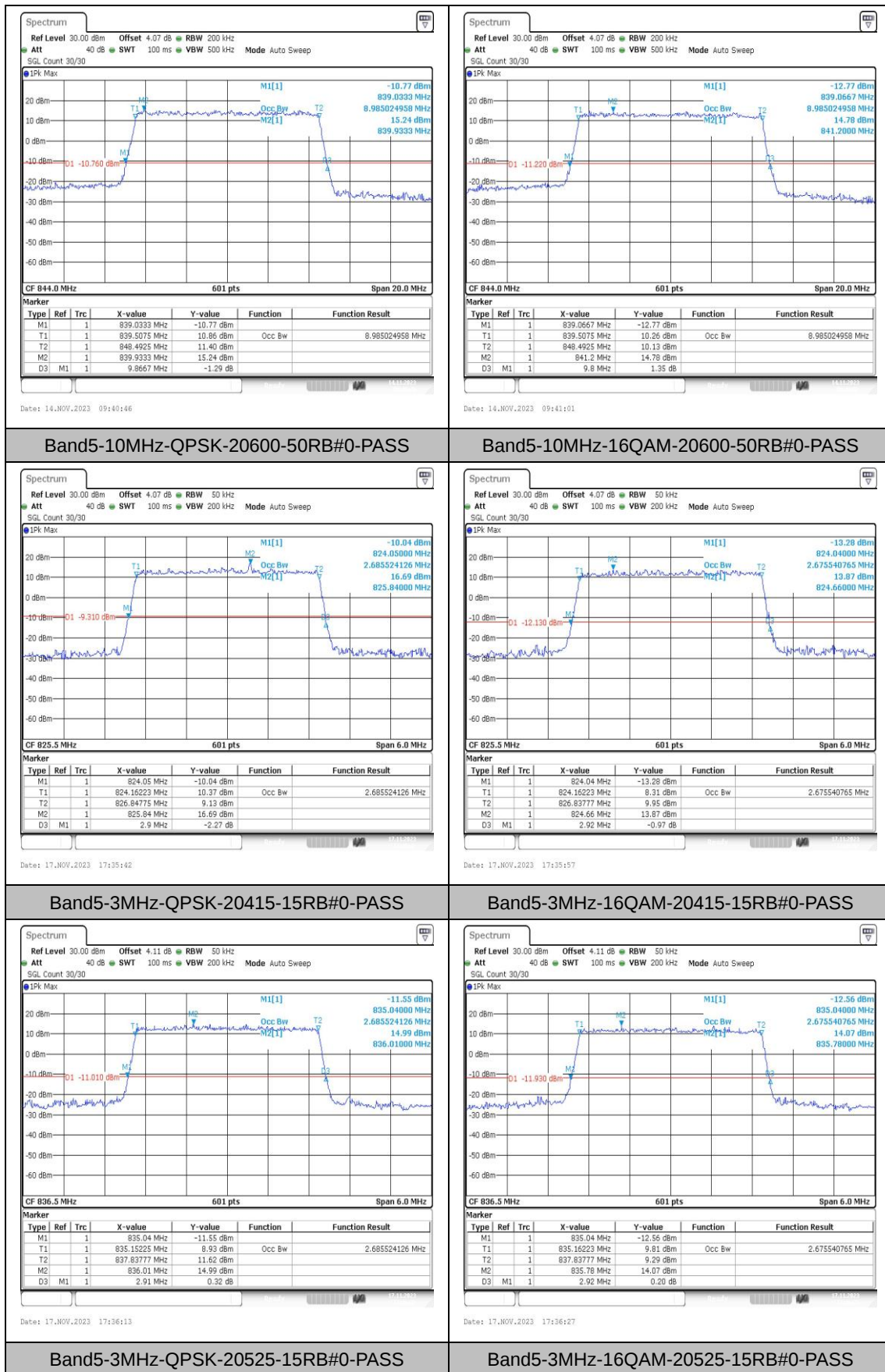
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.078	1.30	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.098	1.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.093	1.30	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.093	1.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.29	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.098	1.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.96	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.496	4.92	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.98	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.91	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.90	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	11.30	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.985	9.83	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.985	9.80	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.985	9.87	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.80	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.686	2.90	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.676	2.92	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.686	2.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.676	2.92	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.686	2.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.676	2.92	PASS

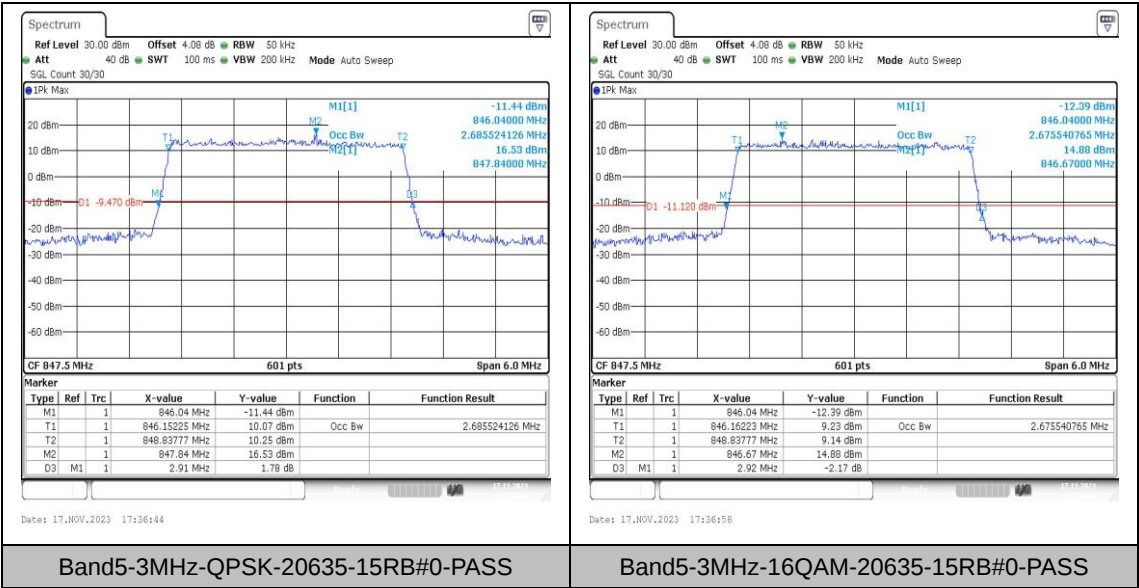
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-26.40	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-27.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-49.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-49.93	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-33.60	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.51	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-51.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-50.82	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-26.36	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-26.83	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-31.97	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.62	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	-22.23	PASS
Band5	5MHz	QPSK	20425	1RB#24	-50.68	PASS
Band5	5MHz	16QAM	20425	1RB#24	-49.40	PASS
Band5	5MHz	QPSK	20425	25RB#0	-33.49	PASS
Band5	5MHz	16QAM	20425	25RB#0	-33.90	PASS
Band5	5MHz	QPSK	20625	1RB#0	-50.52	PASS
Band5	5MHz	16QAM	20625	1RB#0	-49.28	PASS
Band5	5MHz	QPSK	20625	1RB#24	-21.21	PASS
Band5	5MHz	16QAM	20625	1RB#24	-22.68	PASS
Band5	5MHz	QPSK	20625	25RB#0	-33.27	PASS
Band5	5MHz	16QAM	20625	25RB#0	-34.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	-24.29	PASS
Band5	10MHz	16QAM	20450	1RB#0	-25.30	PASS
Band5	10MHz	QPSK	20450	1RB#49	-49.37	PASS
Band5	10MHz	16QAM	20450	1RB#49	-49.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	-34.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	-35.55	PASS
Band5	10MHz	QPSK	20600	1RB#0	-50.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	-50.39	PASS
Band5	10MHz	QPSK	20600	1RB#49	-24.28	PASS
Band5	10MHz	16QAM	20600	1RB#49	-24.61	PASS
Band5	10MHz	QPSK	20600	50RB#0	-35.80	PASS
Band5	10MHz	16QAM	20600	50RB#0	-36.76	PASS

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

Band5	3MHz	QPSK	20415	1RB#0	-22.33	PASS
Band5	3MHz	16QAM	20415	1RB#0	-23.75	PASS
Band5	3MHz	QPSK	20415	1RB#14	-47.82	PASS
Band5	3MHz	16QAM	20415	1RB#14	-48.25	PASS
Band5	3MHz	QPSK	20415	15RB#0	-33.95	PASS
Band5	3MHz	16QAM	20415	15RB#0	-34.56	PASS
Band5	3MHz	QPSK	20635	1RB#0	-48.27	PASS
Band5	3MHz	16QAM	20635	1RB#0	-48.85	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.64	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.91	PASS
Band5	3MHz	QPSK	20635	15RB#0	-30.83	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.19	PASS

Test Graphs

