

Appendix for Band 5

Product Name: Wireless data terminal

Model No: SC55G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.29	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.43	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.33	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.27	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.32	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.21	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.98	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.80	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.79	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.68	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.78	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.68	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.66	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.73	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.29	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.07	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.02	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	20.90	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.02	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.91	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.02	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.88	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.97	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.44	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.18	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.33	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.14	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.28	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.24	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.26	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.24	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.57	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.16	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.70	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.19	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.65	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.69	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.90	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.68	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.86	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.61	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.80	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.73	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.77	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.71	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.76	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.67	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.73	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.66	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.85	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.08	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.91	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.04	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.89	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.08	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.92	PASS

Band5	3MHz	16QAM	20635	8RB#0	20.99	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.91	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.99	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.97	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.96	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.90	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.14	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.20	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.20	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.22	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.00	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.94	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.22	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.18	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.22	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.50	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.08	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.54	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.15	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.50	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.74	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.88	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.83	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.00	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.60	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.81	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.72	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.69	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.71	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.72	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.59	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.65	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.70	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.69	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.80	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.89	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.96	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.01	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.90	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.93	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.90	PASS

Band5	5MHz	16QAM	20625	12RB#0	20.90	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.89	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.84	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.92	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.89	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.92	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.18	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.28	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.73	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.88	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.19	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.76	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.12	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.49	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.04	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.54	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.08	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.59	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.86	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.05	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.77	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.94	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.70	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.89	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.73	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.73	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.74	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.76	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.66	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.65	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.70	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.69	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.68	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.88	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.95	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.11	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.95	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.16	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.91	PASS

Band5	10MHz	16QAM	20600	25RB#0	20.91	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.90	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.90	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.95	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.95	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.96	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.92	PASS

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

Test Result

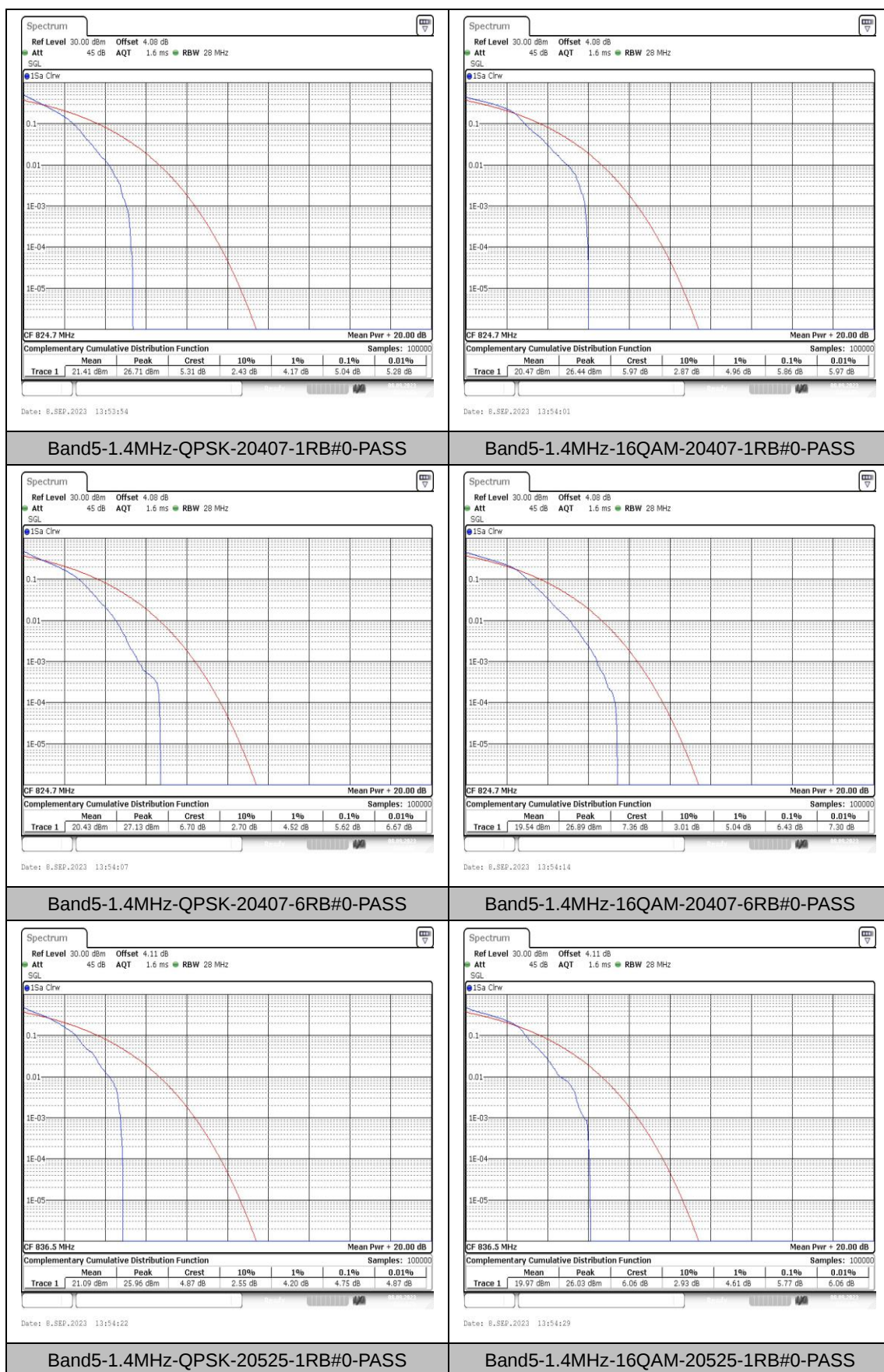
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.04	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.86	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.43	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.75	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.77	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.51	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.29	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.71	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.52	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.68	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.29	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.96	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.88	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.51	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.03	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.32	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.39	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.91	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.83	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.41	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.83	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.77	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.49	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.74	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.91	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.62	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.38	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.39	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.33	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.74	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.43	13	PASS

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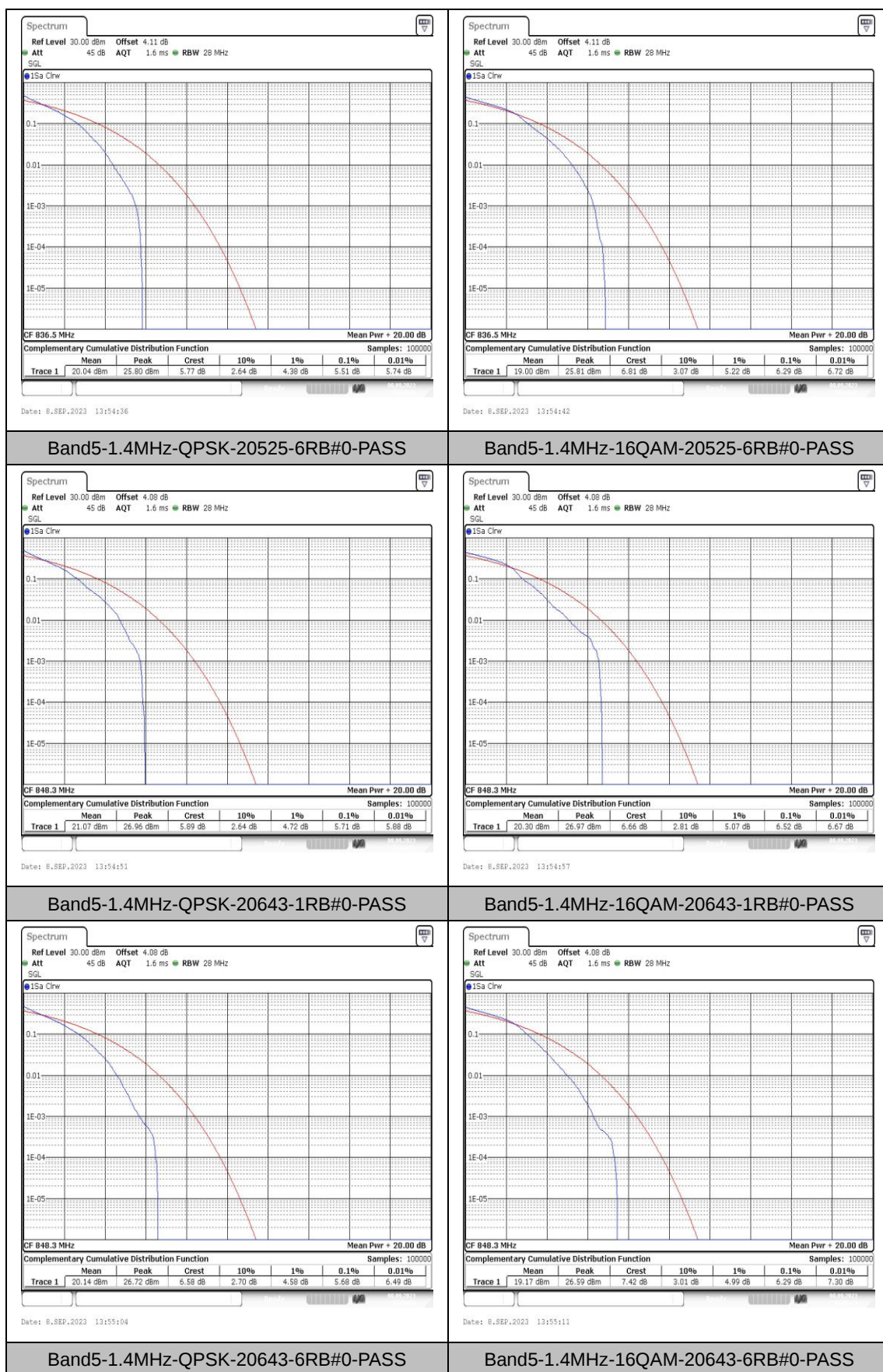
Band5	10MHz	QPSK	20450	1RB#0	5.16	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.68	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.41	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.74	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.46	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.99	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.91	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.49	13	PASS

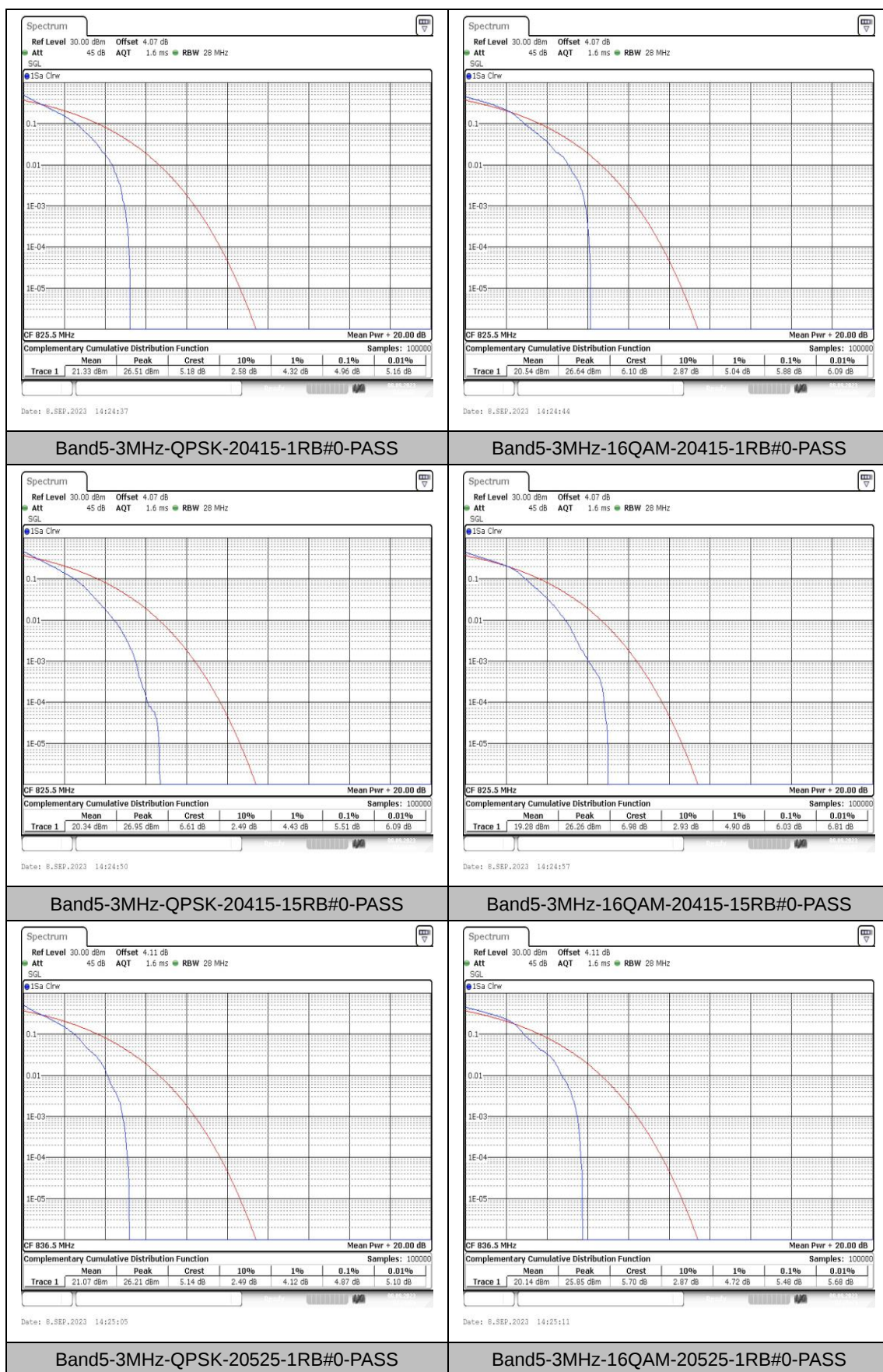
Test Graphs

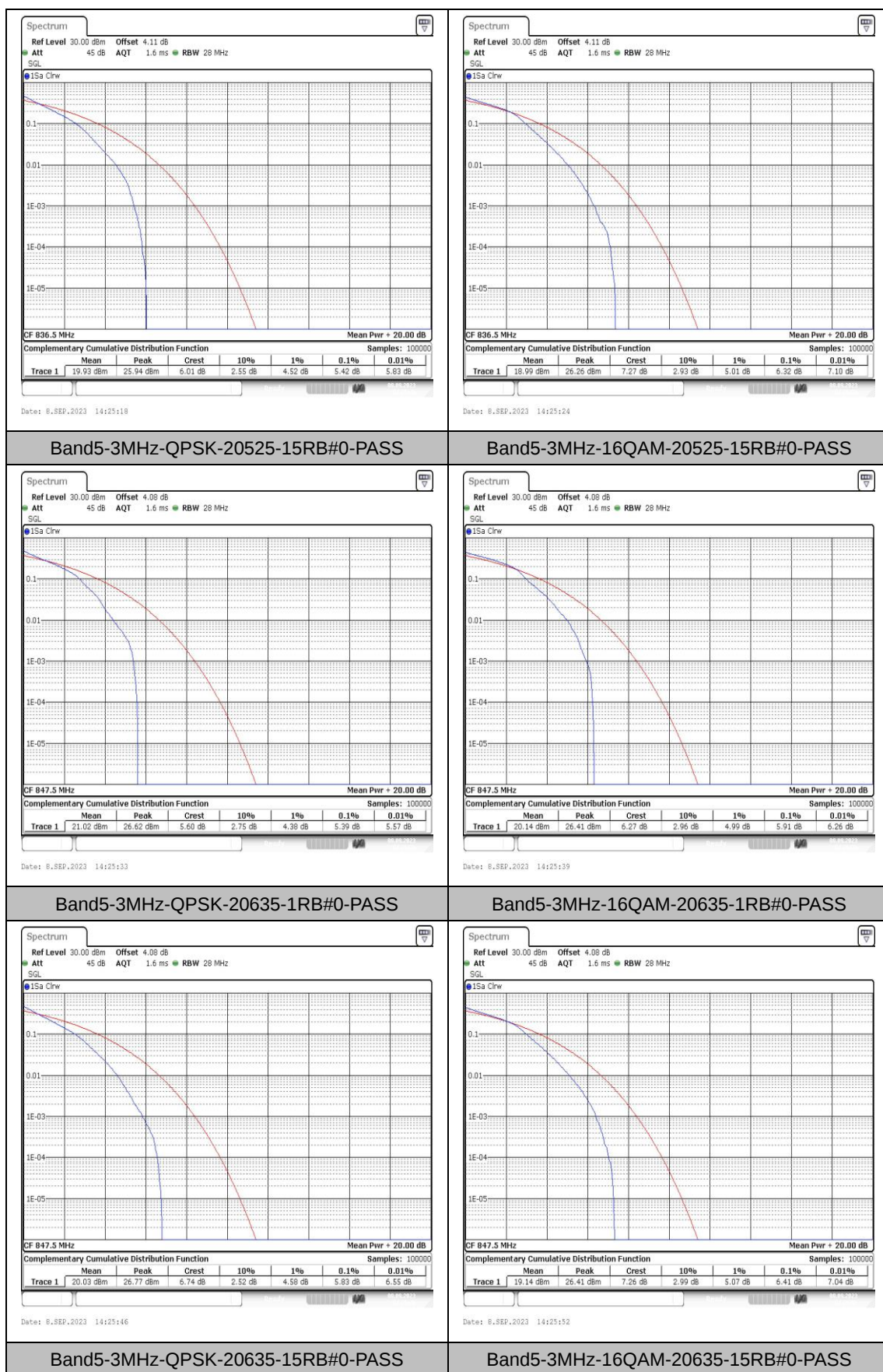


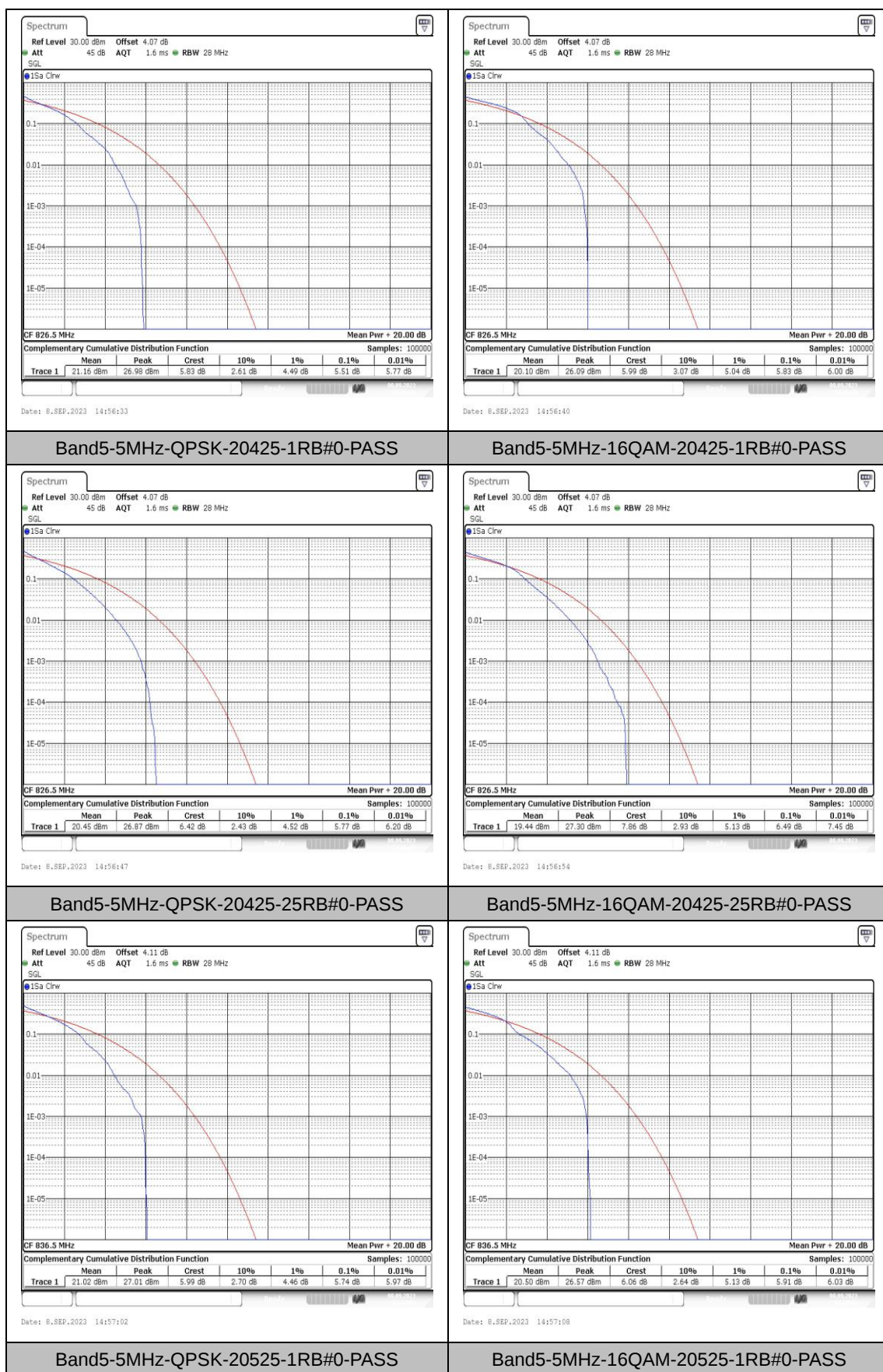
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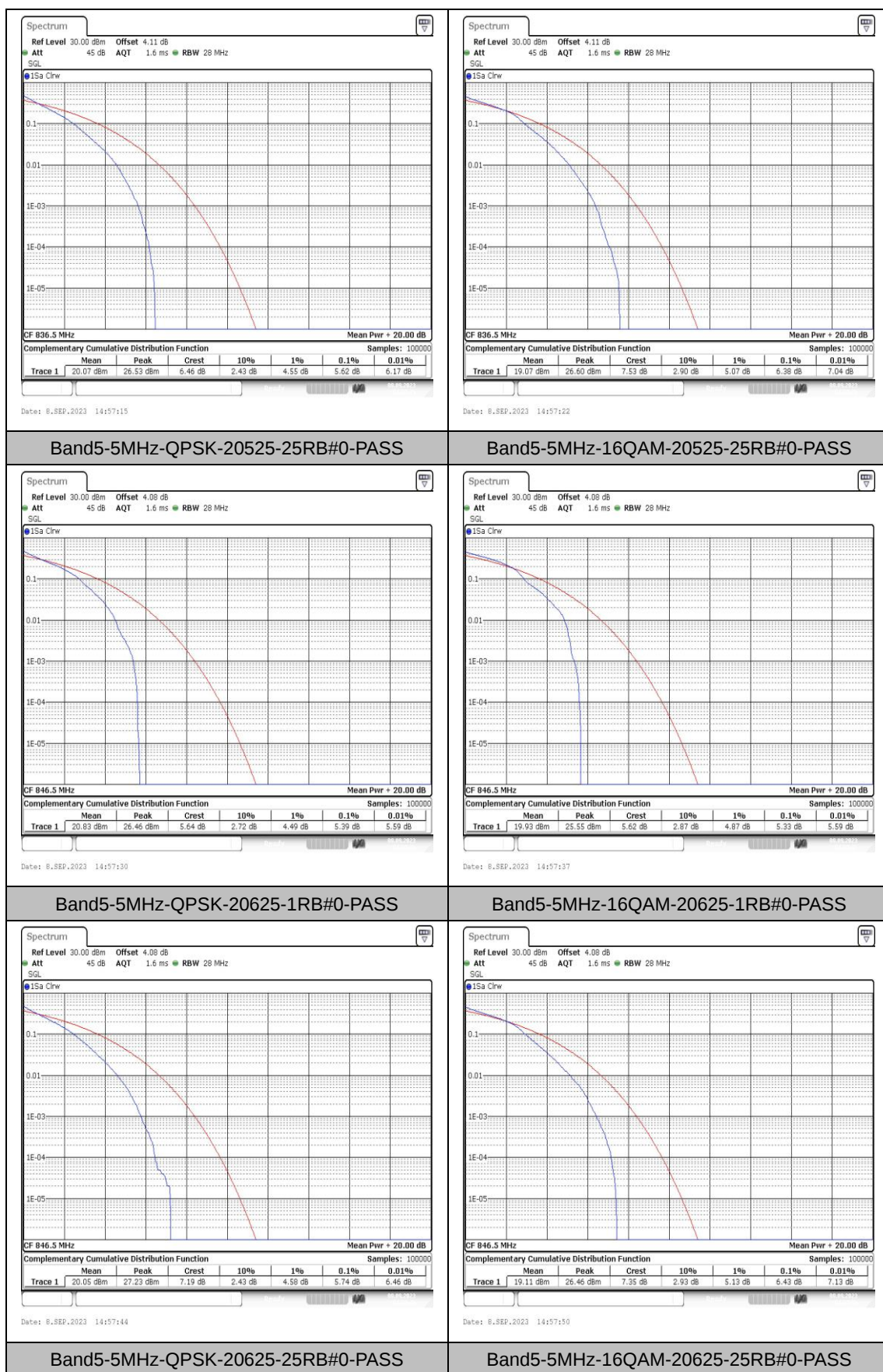
<http://www.waltek.com.cn>

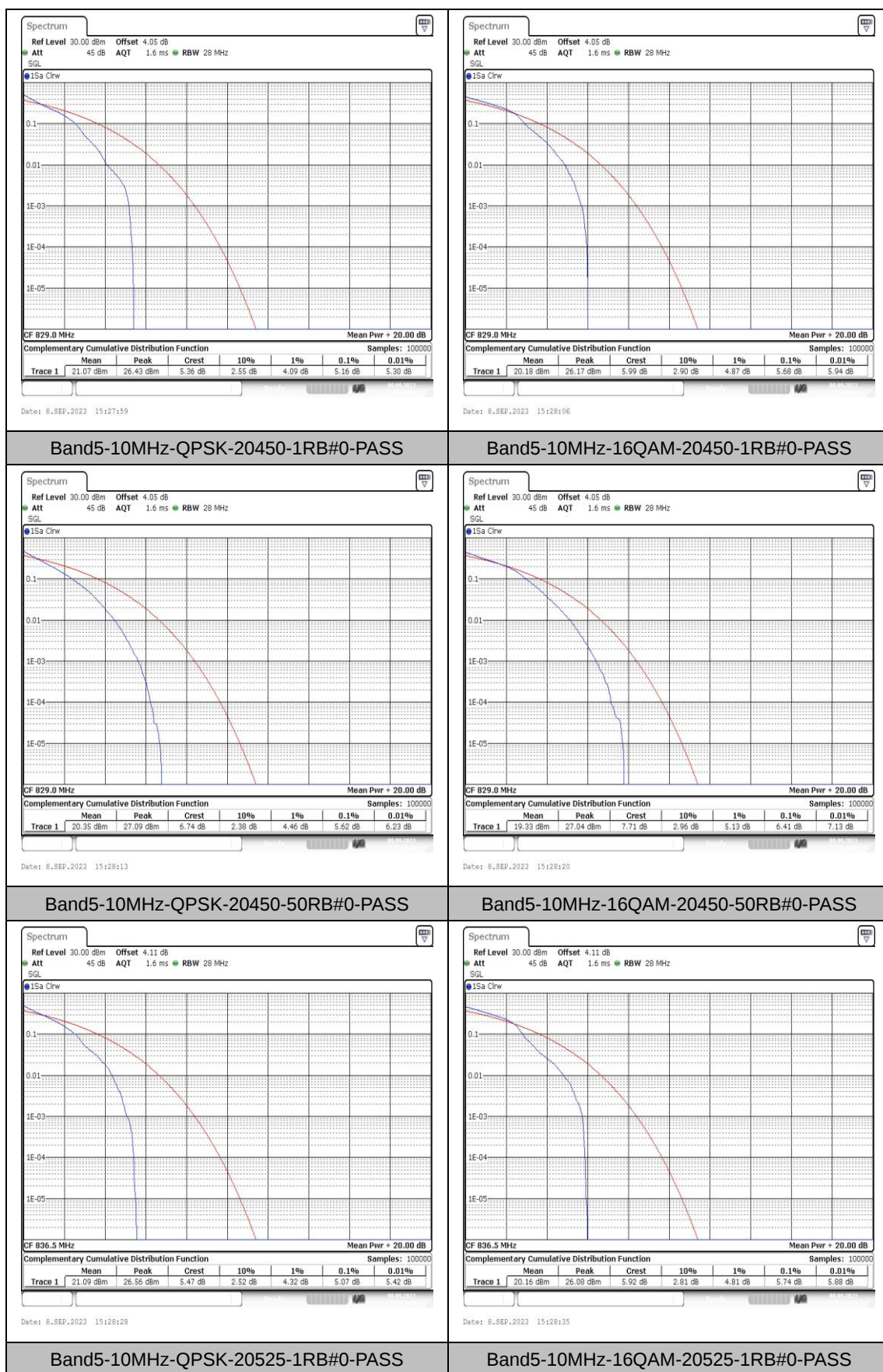


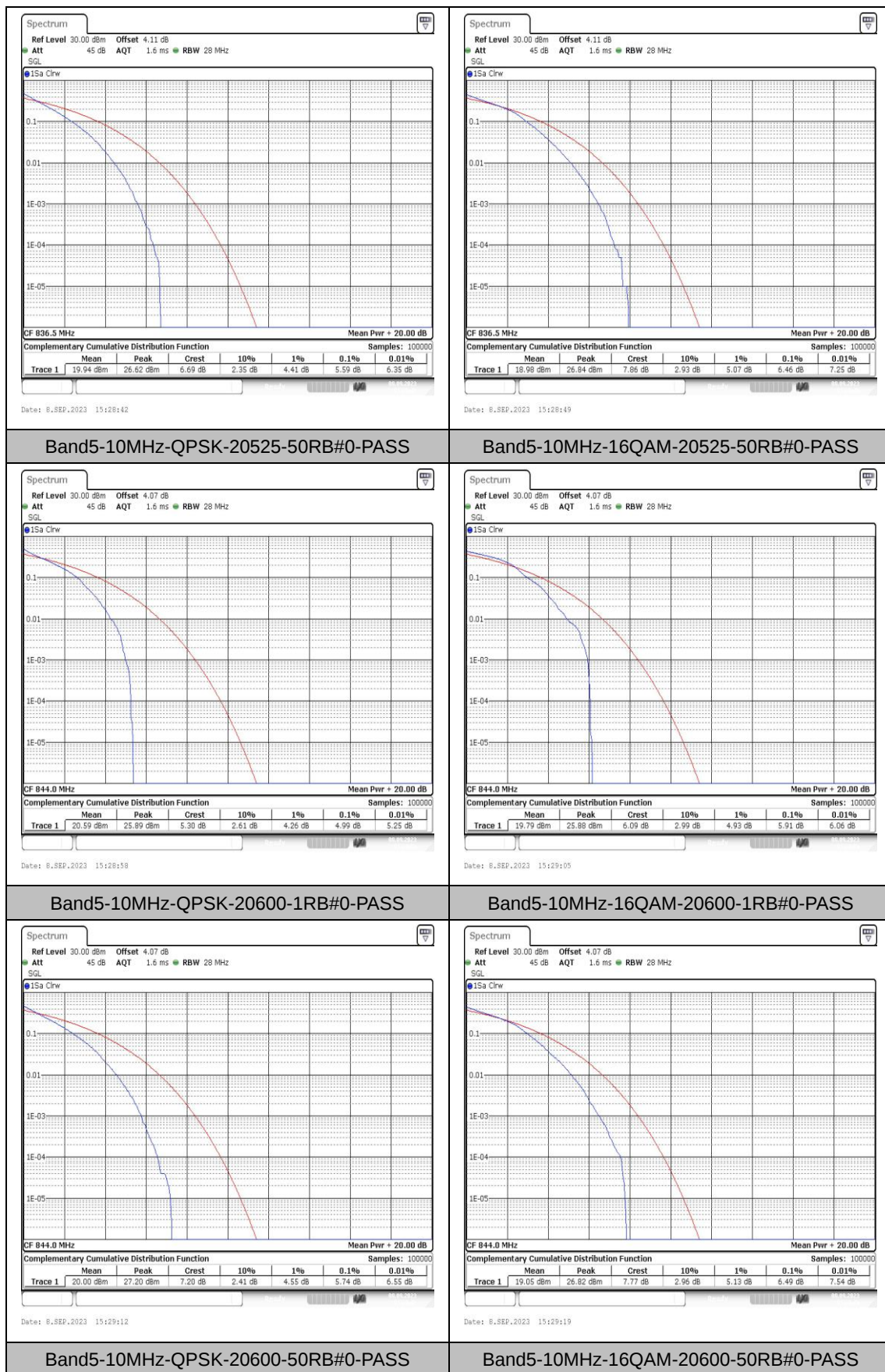










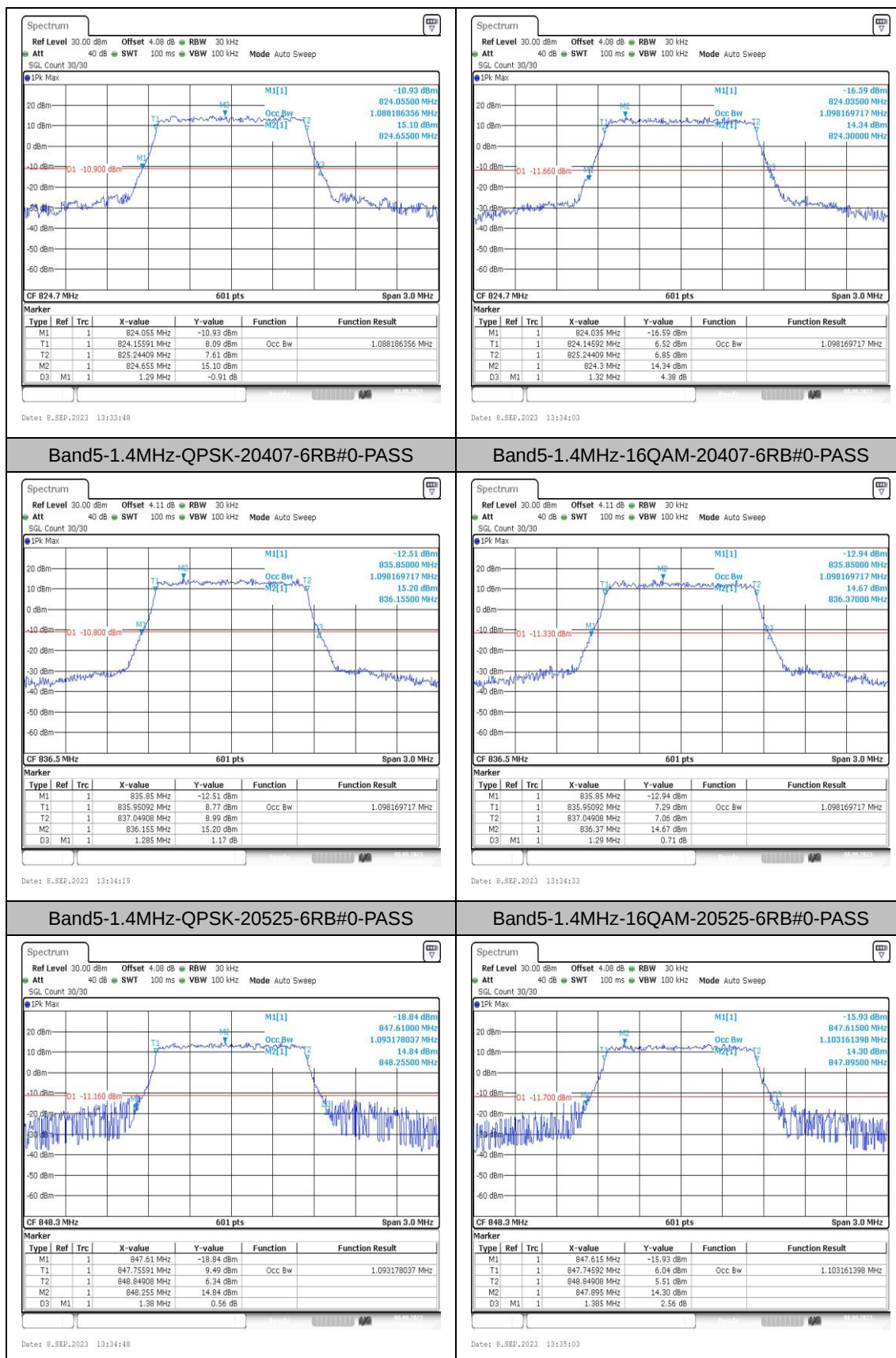


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

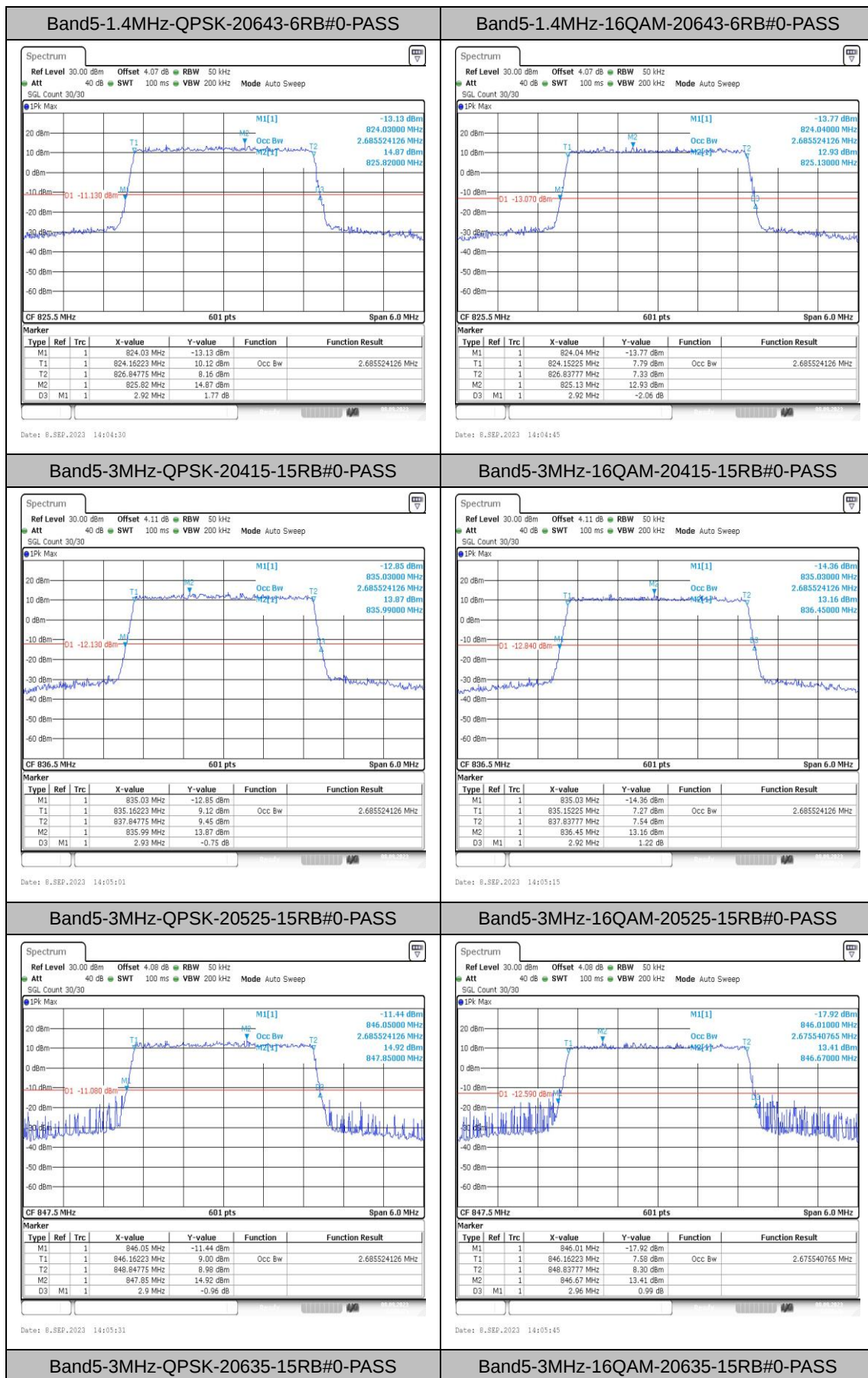
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.098	1.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.098	1.28	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.098	1.29	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.093	1.38	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.103	1.38	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.686	2.92	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.686	2.92	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.686	2.93	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.686	2.92	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.686	2.90	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.676	2.96	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.505	4.96	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.93	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.94	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.97	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.92	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.90	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.83	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.952	9.83	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.952	9.80	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.018	9.90	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.77	PASS

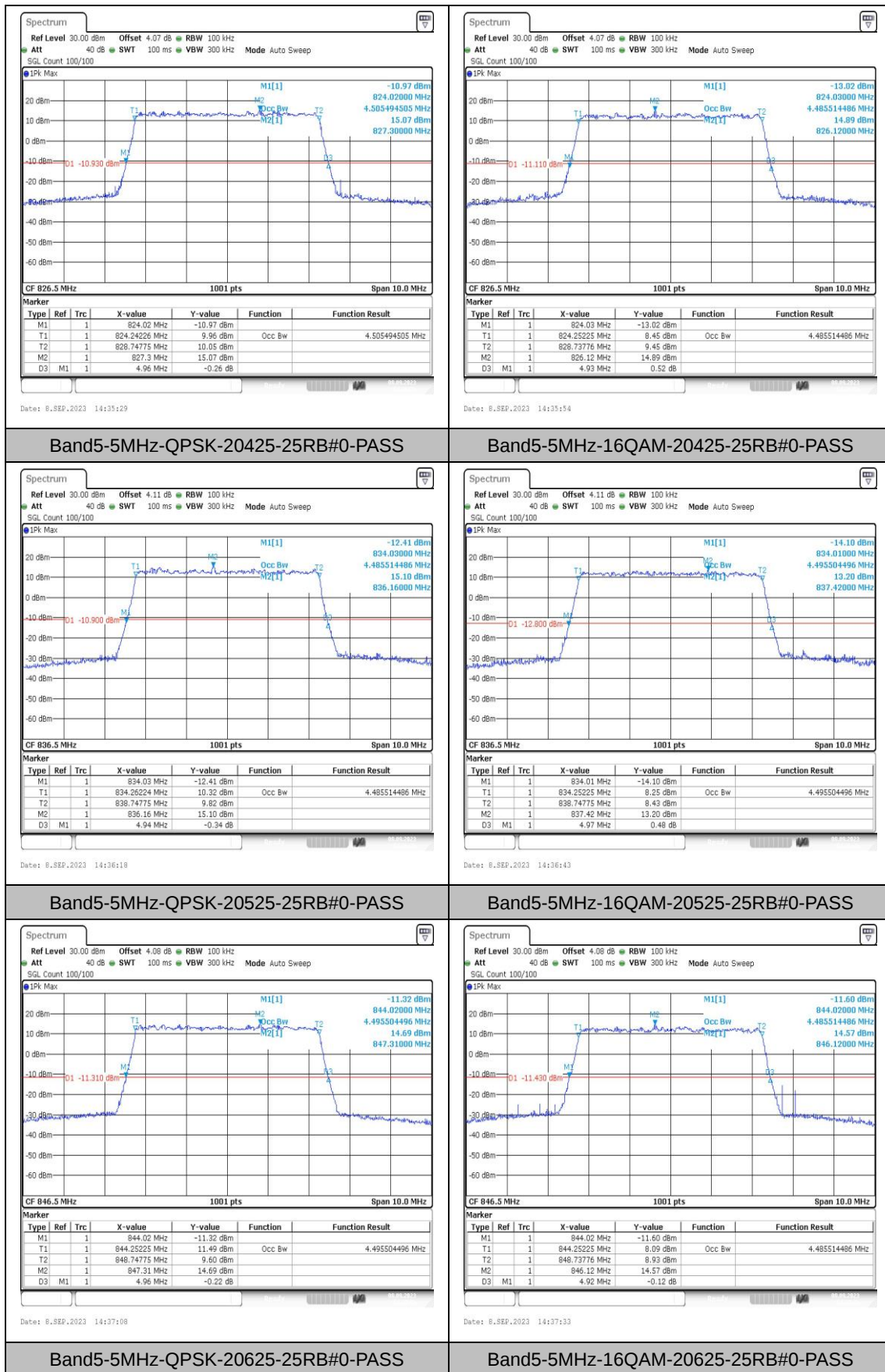
Test Graphs

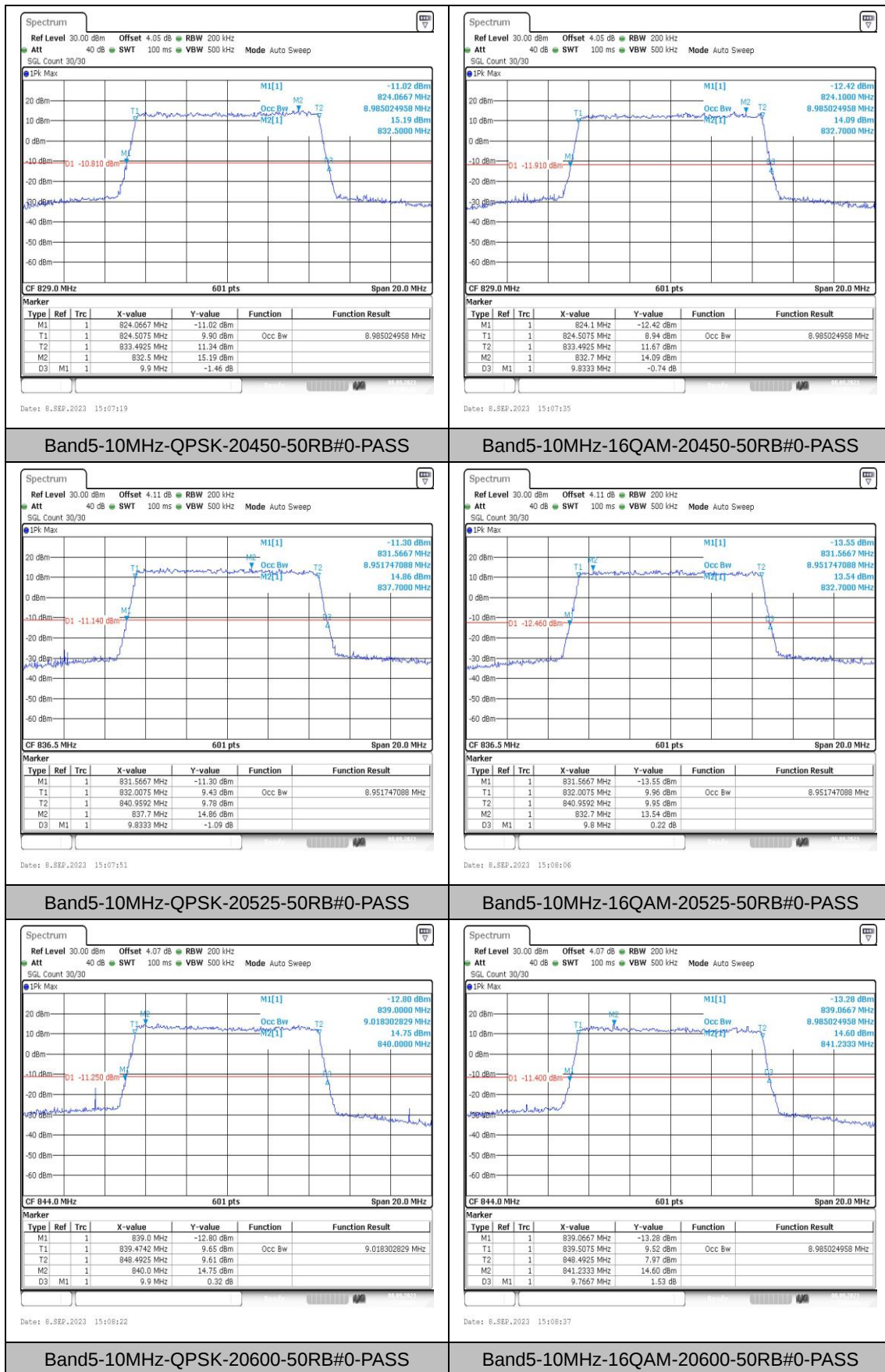


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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-26.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-27.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-30.78	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-32.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-33.58	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.49	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-31.62	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-33.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-27.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-28.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.89	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-35.49	PASS
Band5	3MHz	QPSK	20415	1RB#0	-24.19	PASS
Band5	3MHz	16QAM	20415	1RB#0	-25.18	PASS
Band5	3MHz	QPSK	20415	1RB#14	-39.42	PASS
Band5	3MHz	16QAM	20415	1RB#14	-40.76	PASS
Band5	3MHz	QPSK	20415	15RB#0	-34.11	PASS
Band5	3MHz	16QAM	20415	15RB#0	-35.09	PASS
Band5	3MHz	QPSK	20635	1RB#0	-37.90	PASS
Band5	3MHz	16QAM	20635	1RB#0	-40.67	PASS
Band5	3MHz	QPSK	20635	1RB#14	-25.97	PASS
Band5	3MHz	16QAM	20635	1RB#14	-26.15	PASS
Band5	3MHz	QPSK	20635	15RB#0	-36.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	-38.02	PASS
Band5	5MHz	QPSK	20425	1RB#0	-22.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	-21.72	PASS
Band5	5MHz	QPSK	20425	1RB#24	-47.78	PASS
Band5	5MHz	16QAM	20425	1RB#24	-48.79	PASS
Band5	5MHz	QPSK	20425	25RB#0	-33.60	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.03	PASS
Band5	5MHz	QPSK	20625	1RB#0	-49.20	PASS
Band5	5MHz	16QAM	20625	1RB#0	-49.80	PASS
Band5	5MHz	QPSK	20625	1RB#24	-21.53	PASS
Band5	5MHz	16QAM	20625	1RB#24	-22.36	PASS
Band5	5MHz	QPSK	20625	25RB#0	-34.29	PASS
Band5	5MHz	16QAM	20625	25RB#0	-35.87	PASS

Band5	10MHz	QPSK	20450	1RB#0	-24.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	-24.81	PASS
Band5	10MHz	QPSK	20450	1RB#49	-50.32	PASS
Band5	10MHz	16QAM	20450	1RB#49	-50.63	PASS
Band5	10MHz	QPSK	20450	50RB#0	-36.19	PASS
Band5	10MHz	16QAM	20450	50RB#0	-37.91	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	-51.35	PASS
Band5	10MHz	QPSK	20600	1RB#49	-23.37	PASS
Band5	10MHz	16QAM	20600	1RB#49	-23.94	PASS
Band5	10MHz	QPSK	20600	50RB#0	-37.98	PASS
Band5	10MHz	16QAM	20600	50RB#0	-39.07	PASS

Test Graphs

