

Appendix for Band 5

Product Name: Tablet

Model No: S87

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.42	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.50	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.59	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.57	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.32	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.56	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.35	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.48	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.26	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.44	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.24	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.47	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.23	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.46	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.15	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.02	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.24	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.00	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	23.22	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.99	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.10	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.97	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.47	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.49	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.46	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.48	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.43	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.42	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.54	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.52	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.54	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.52	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.51	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.44	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.48	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.40	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.43	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.34	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.36	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.34	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.44	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.44	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.43	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.44	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.33	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.38	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.34	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.19	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.15	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.18	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.18	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.17	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.30	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.22	PASS

Band5	3MHz	QPSK	20635	8RB#4	22.29	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.37	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.23	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.19	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.21	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.20	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.40	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.55	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.46	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.46	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.41	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.44	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.43	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.48	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.44	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.50	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.47	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.50	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.40	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.47	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.44	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.65	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.24	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.29	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.41	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.44	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.42	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.42	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.42	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.43	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.43	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.37	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.08	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.31	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.14	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.20	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.08	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.27	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.16	PASS

Band5	5MHz	QPSK	20625	12RB#6	22.23	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.20	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.18	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.10	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.22	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.51	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.51	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.67	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.58	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.44	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.55	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.52	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.53	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.64	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.53	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.48	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.50	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.58	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.43	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.26	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.31	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.55	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.52	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.57	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.52	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.43	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.44	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.50	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.50	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.35	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.34	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.26	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.17	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.23	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.39	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.28	PASS

Band5	10MHz	QPSK	20600	25RB#12	22.39	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.34	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.14	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.06	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.22	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.24	PASS

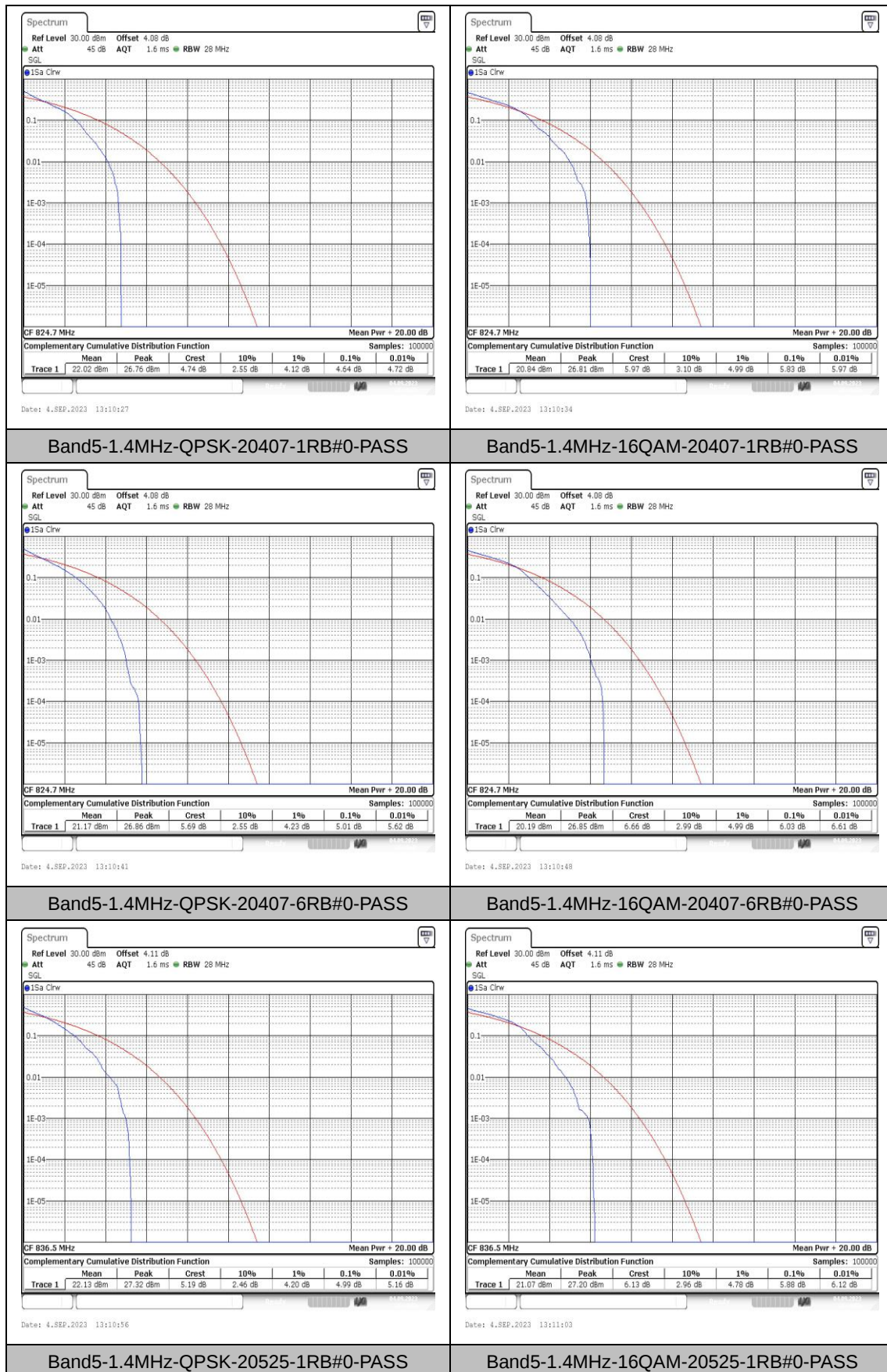
Appendix B: Peak-to-Average Ratio(CCDF)

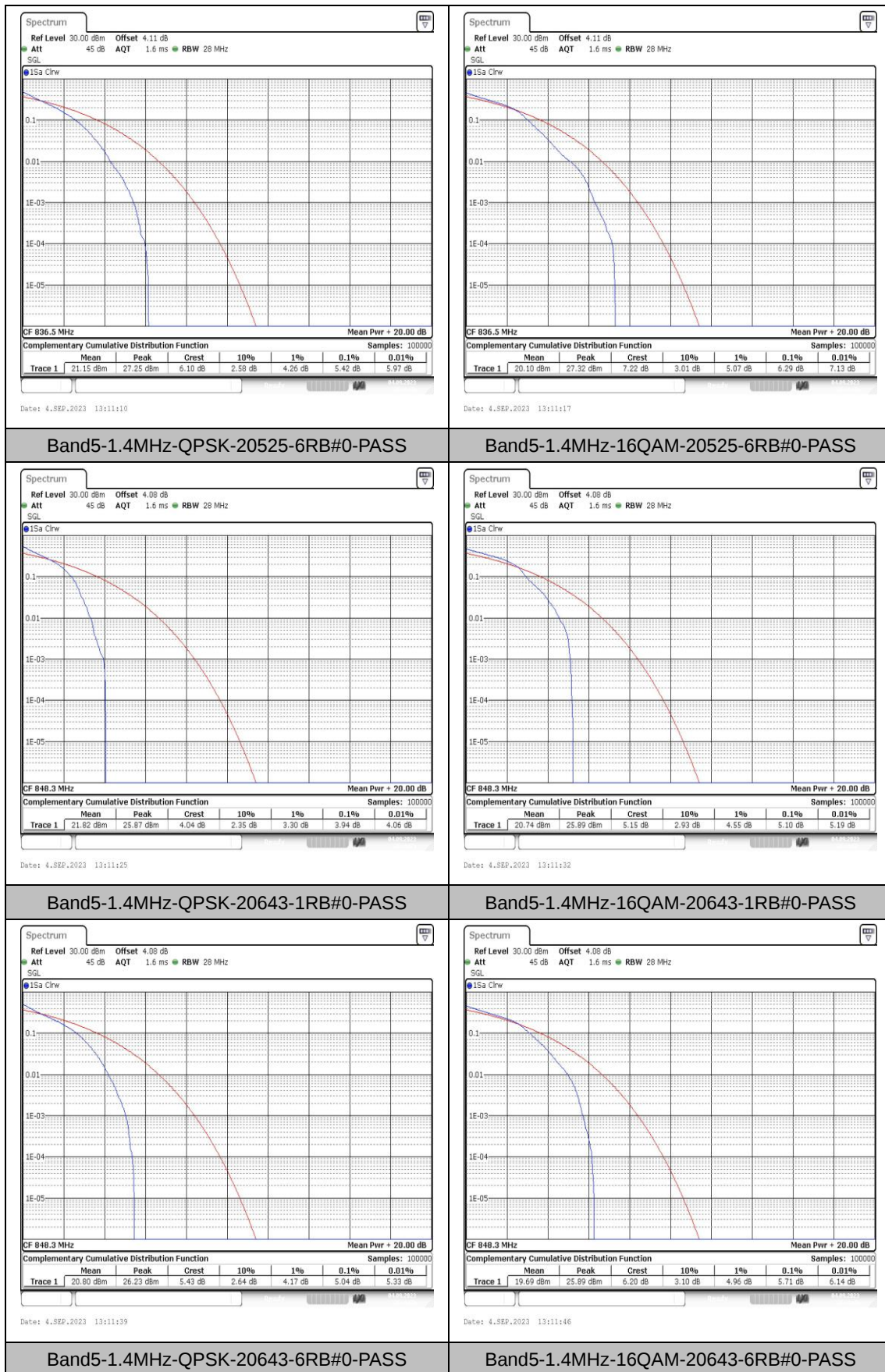
Test Result

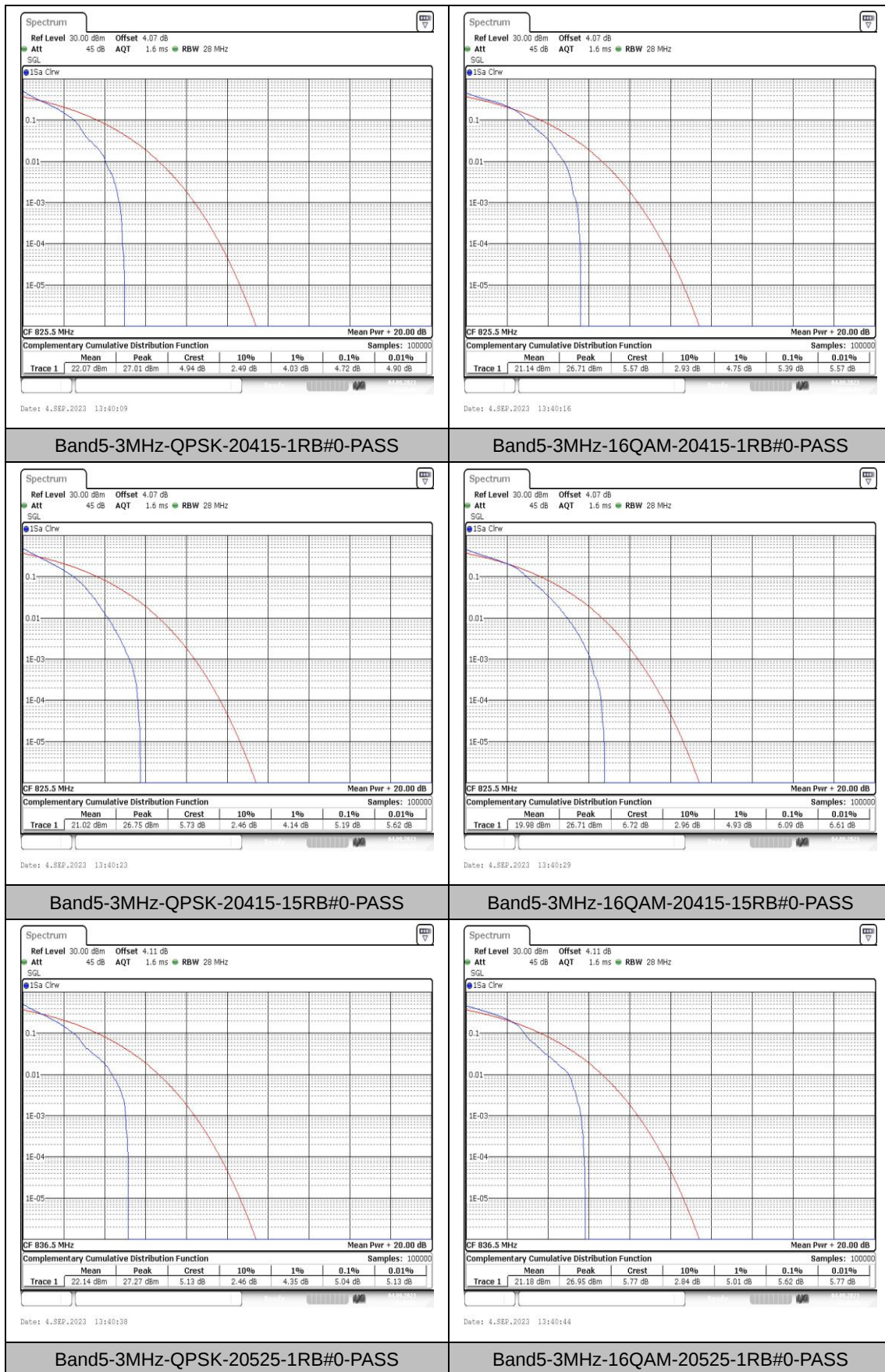
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.64	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.83	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.01	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.03	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.99	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.88	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.42	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.29	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.94	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.10	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.04	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.71	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.72	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.19	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.52	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	8.43	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.72	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.78	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.62	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.67	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.36	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.12	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.19	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.74	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.74	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.41	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.80	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.78	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.81	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.51	13	PASS

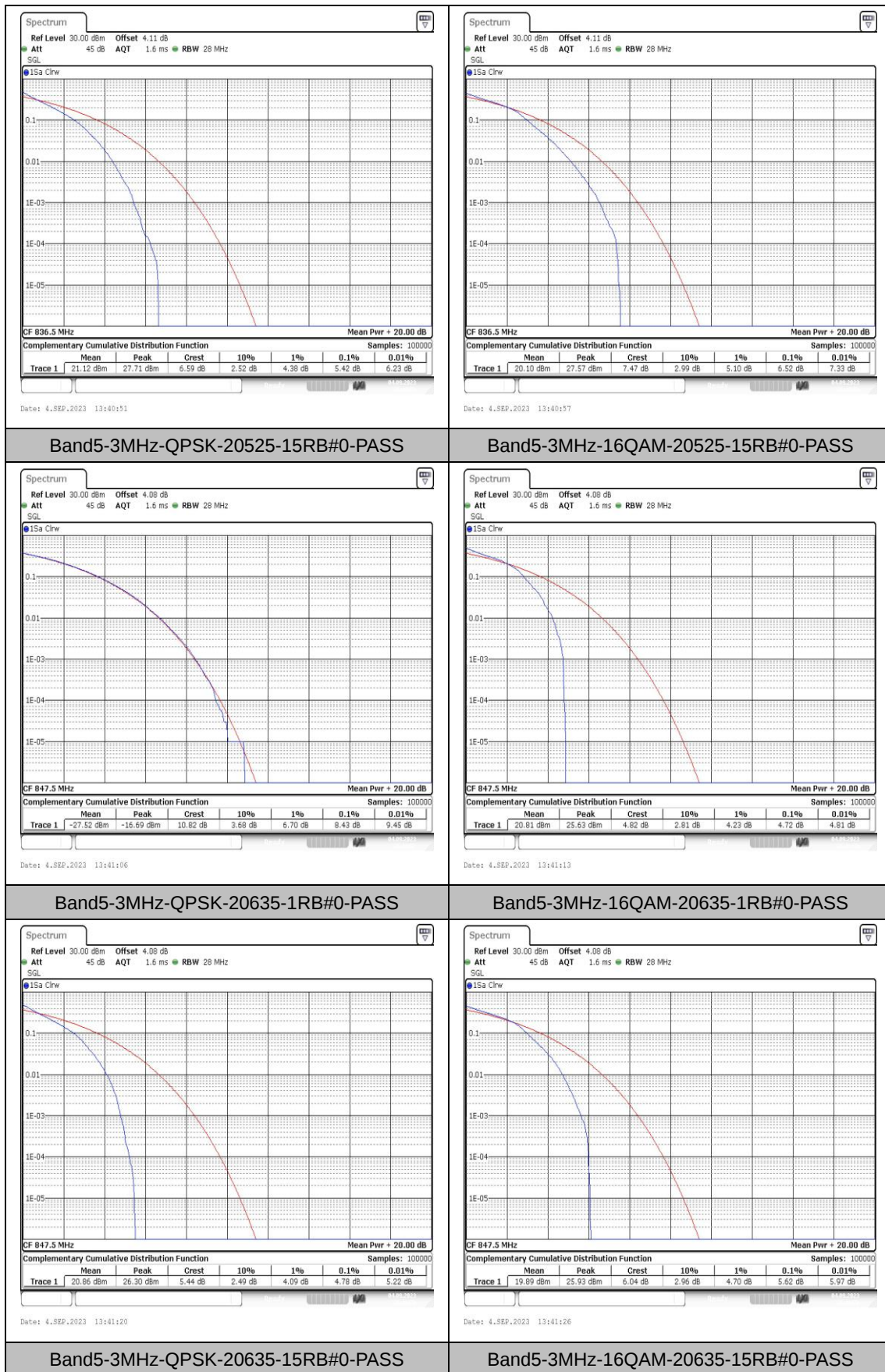
Band5	10MHz	QPSK	20450	1RB#0	4.49	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.36	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.23	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.57	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.17	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.46	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.46	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.80	13	PASS

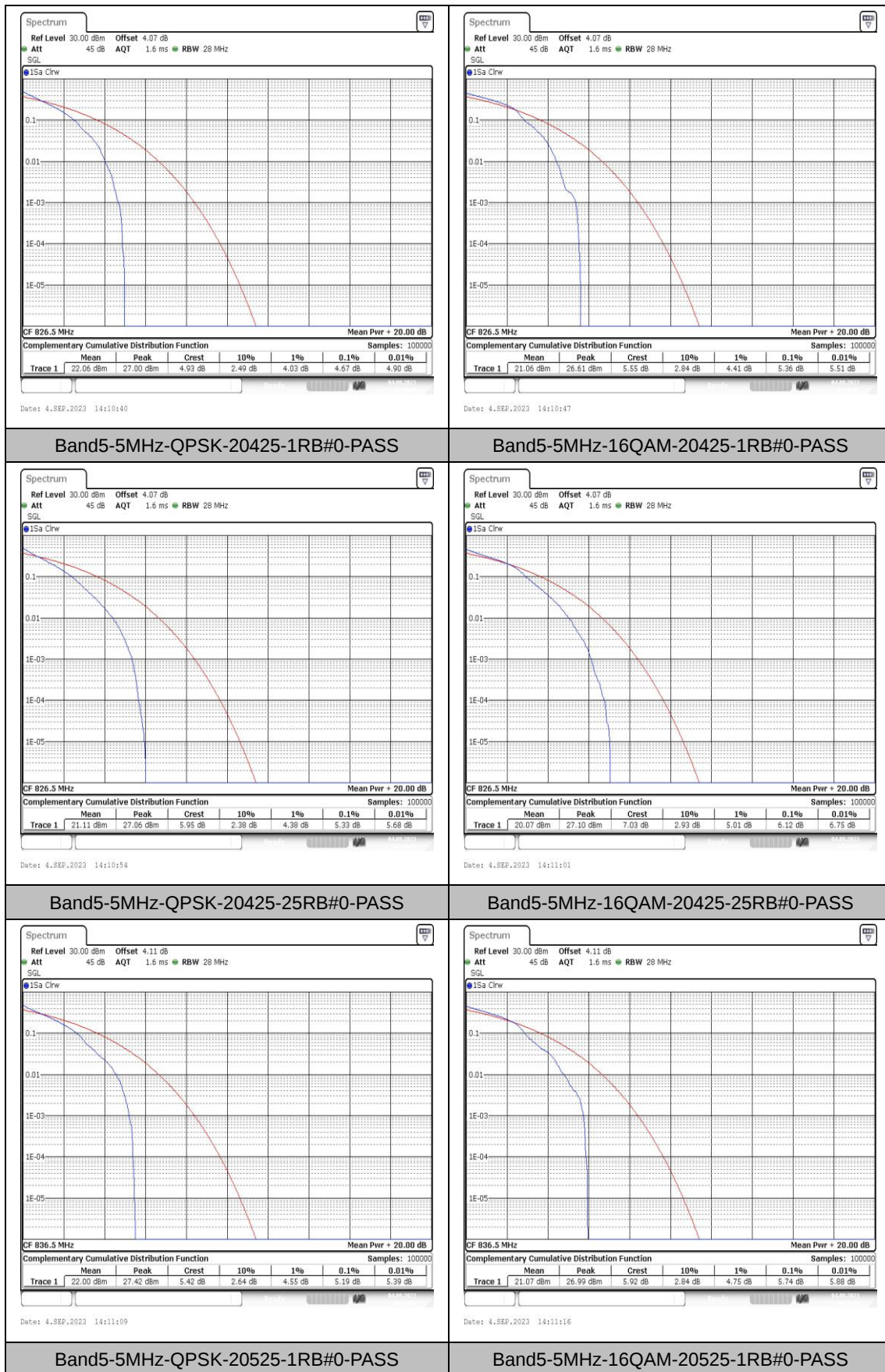
Test Graphs

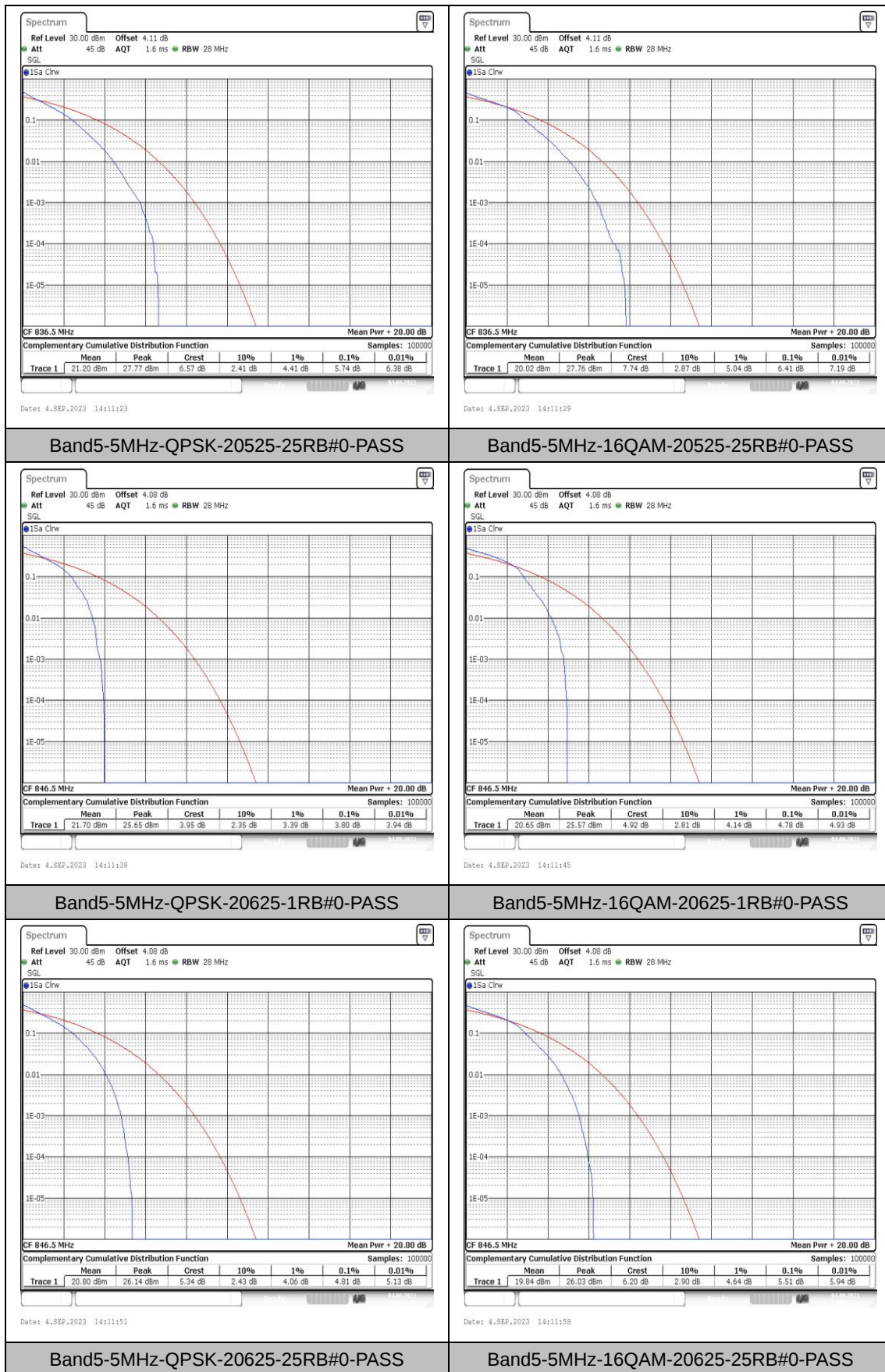


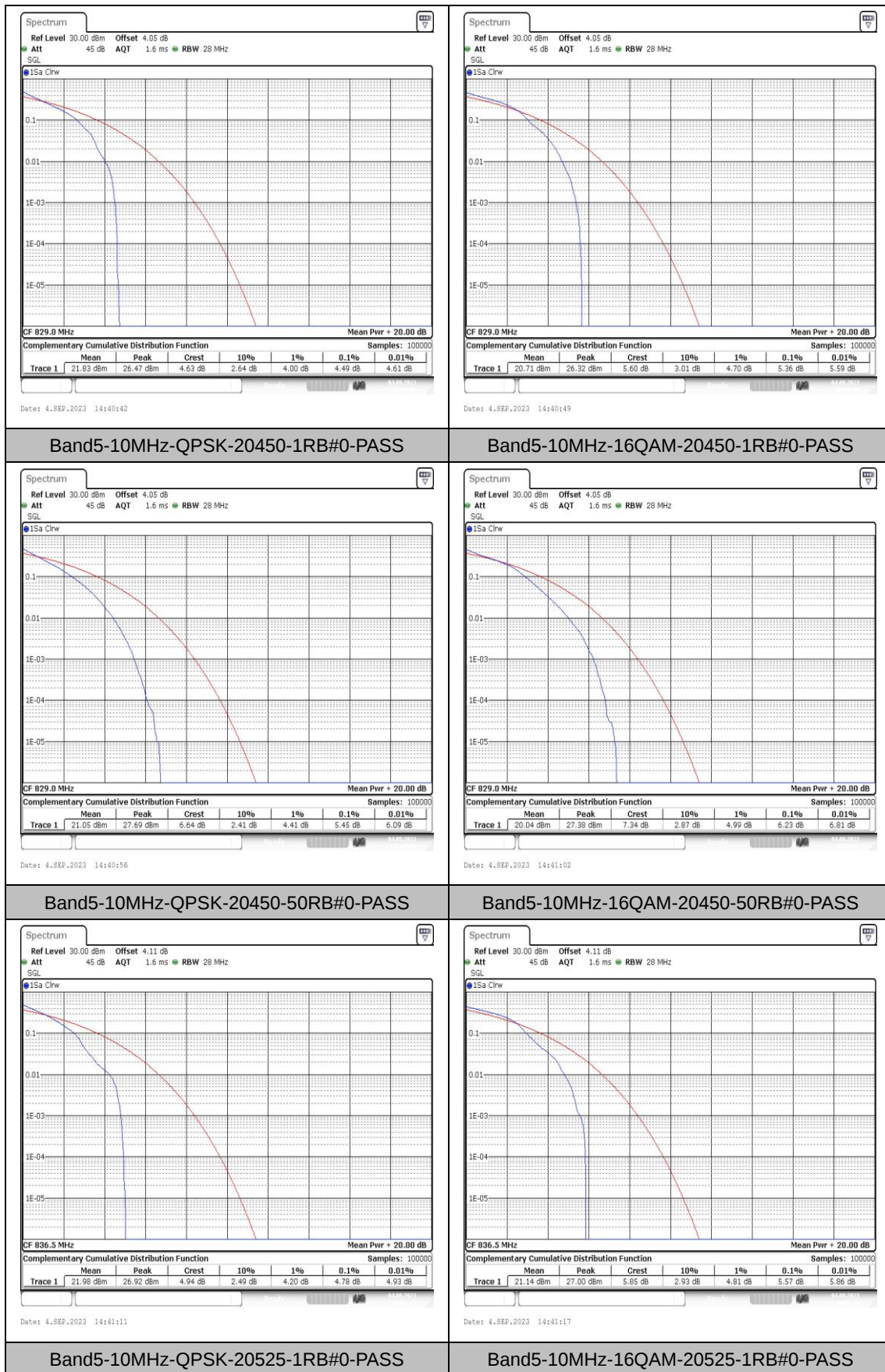


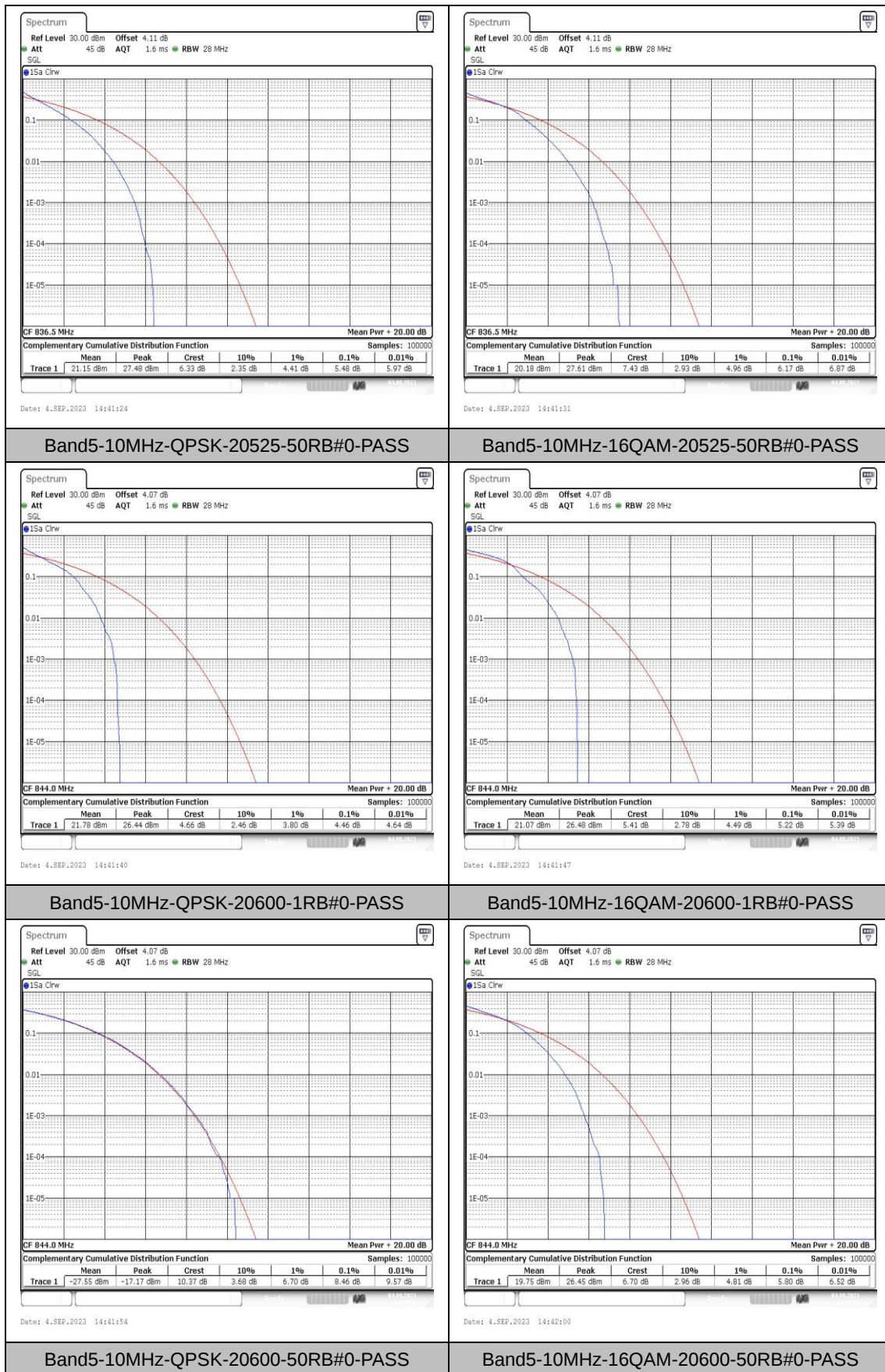










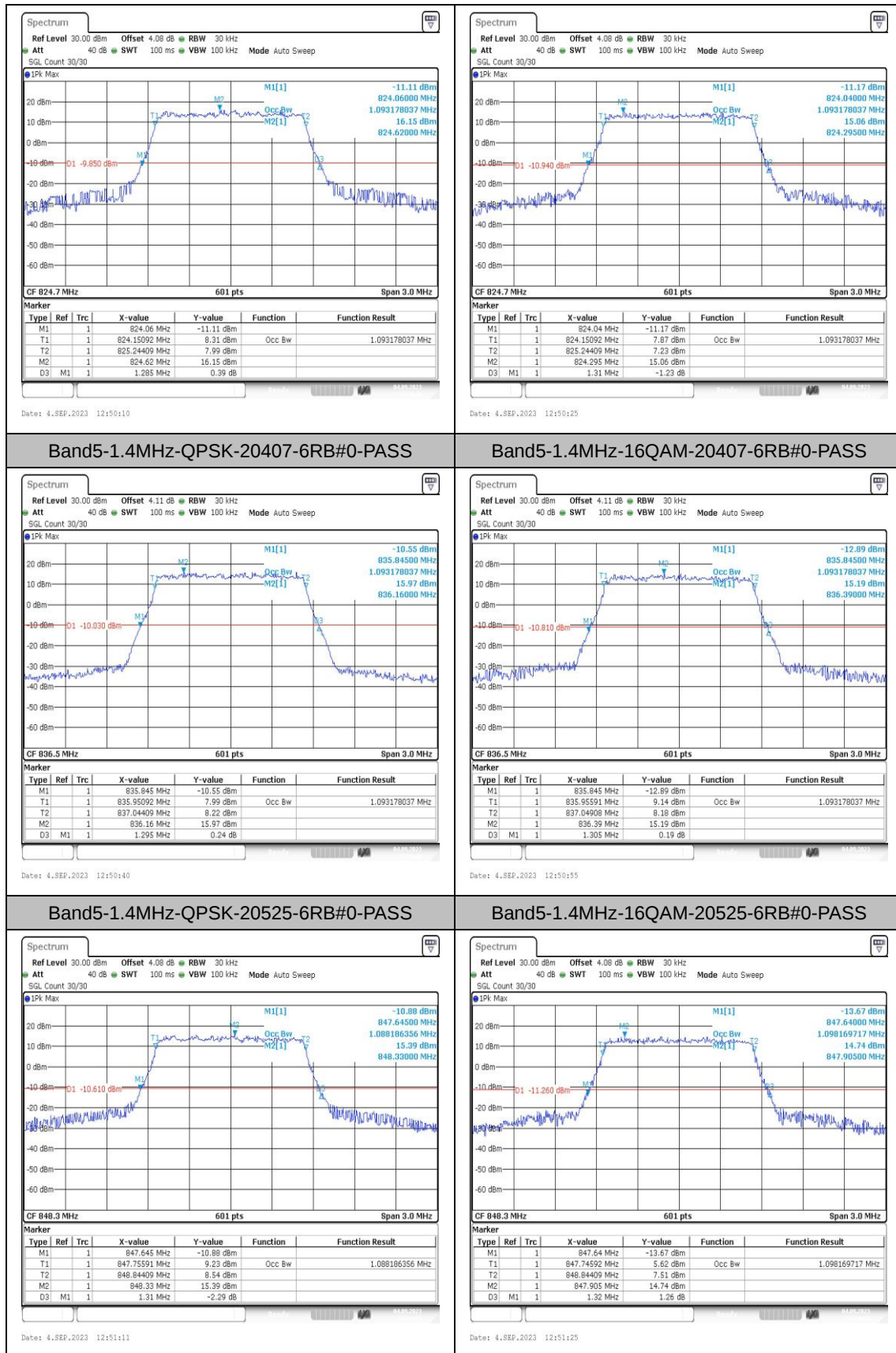


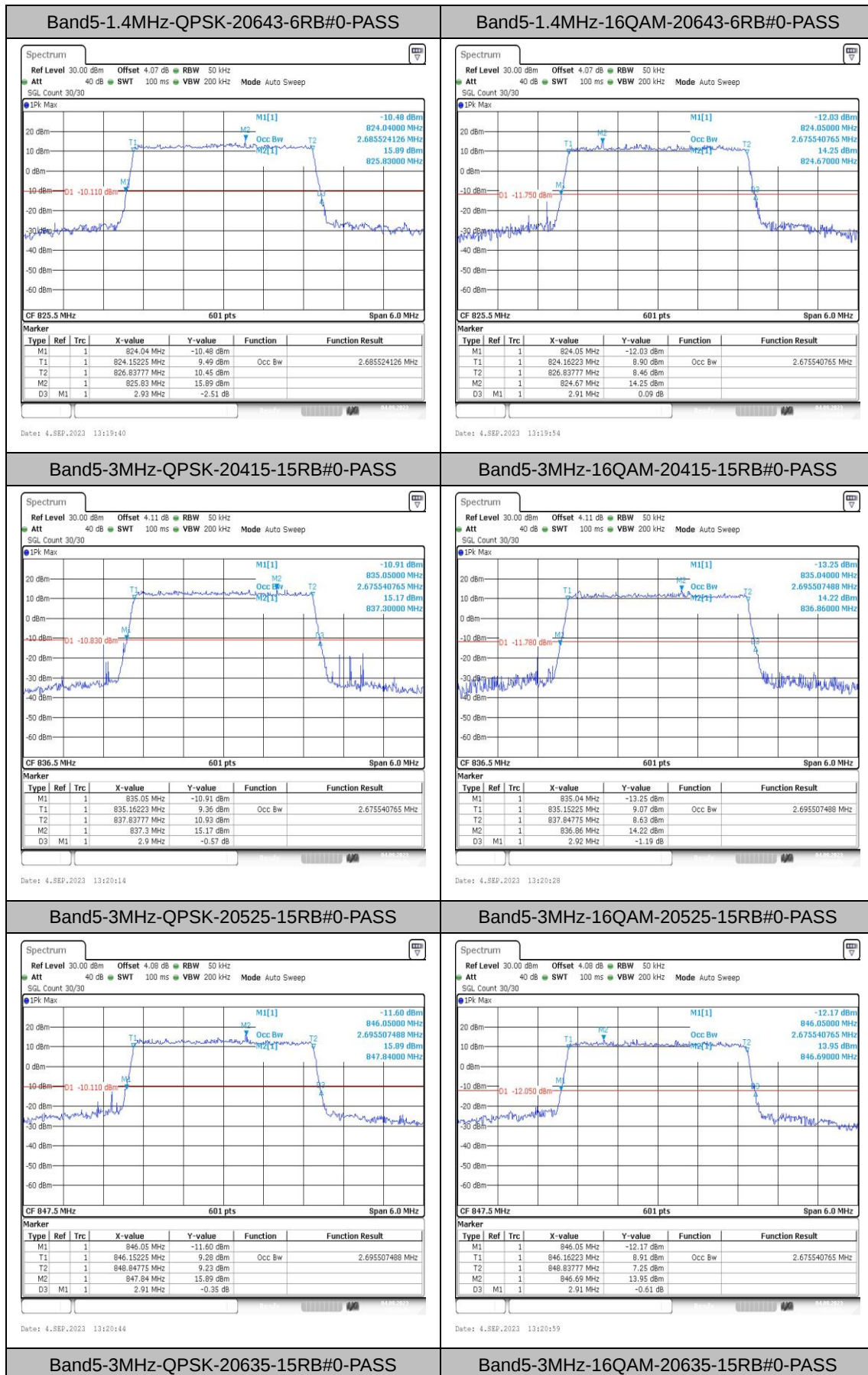
Appendix C: 26dB Bandwidth and Occupied Bandwidth

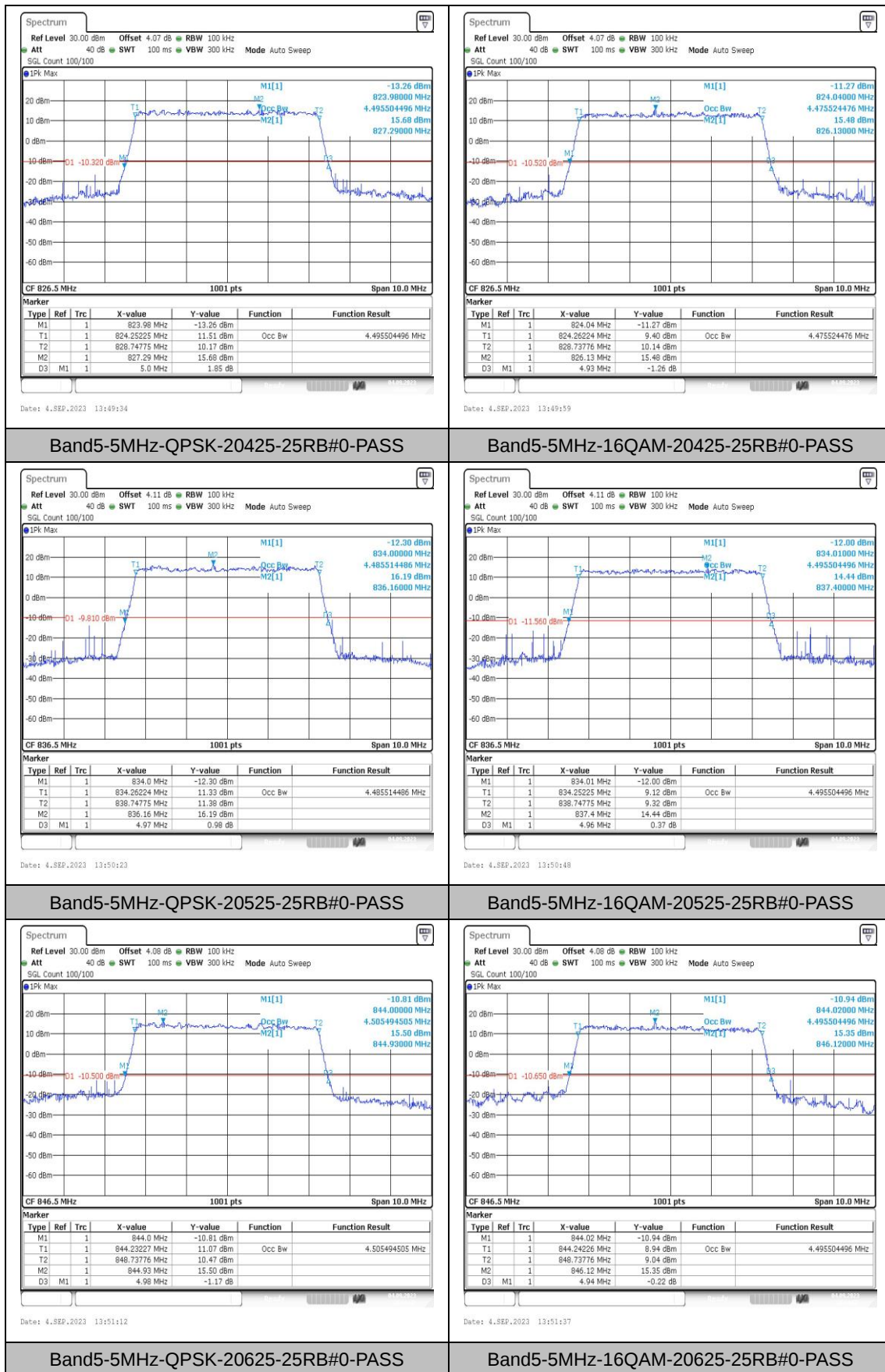
Test Result

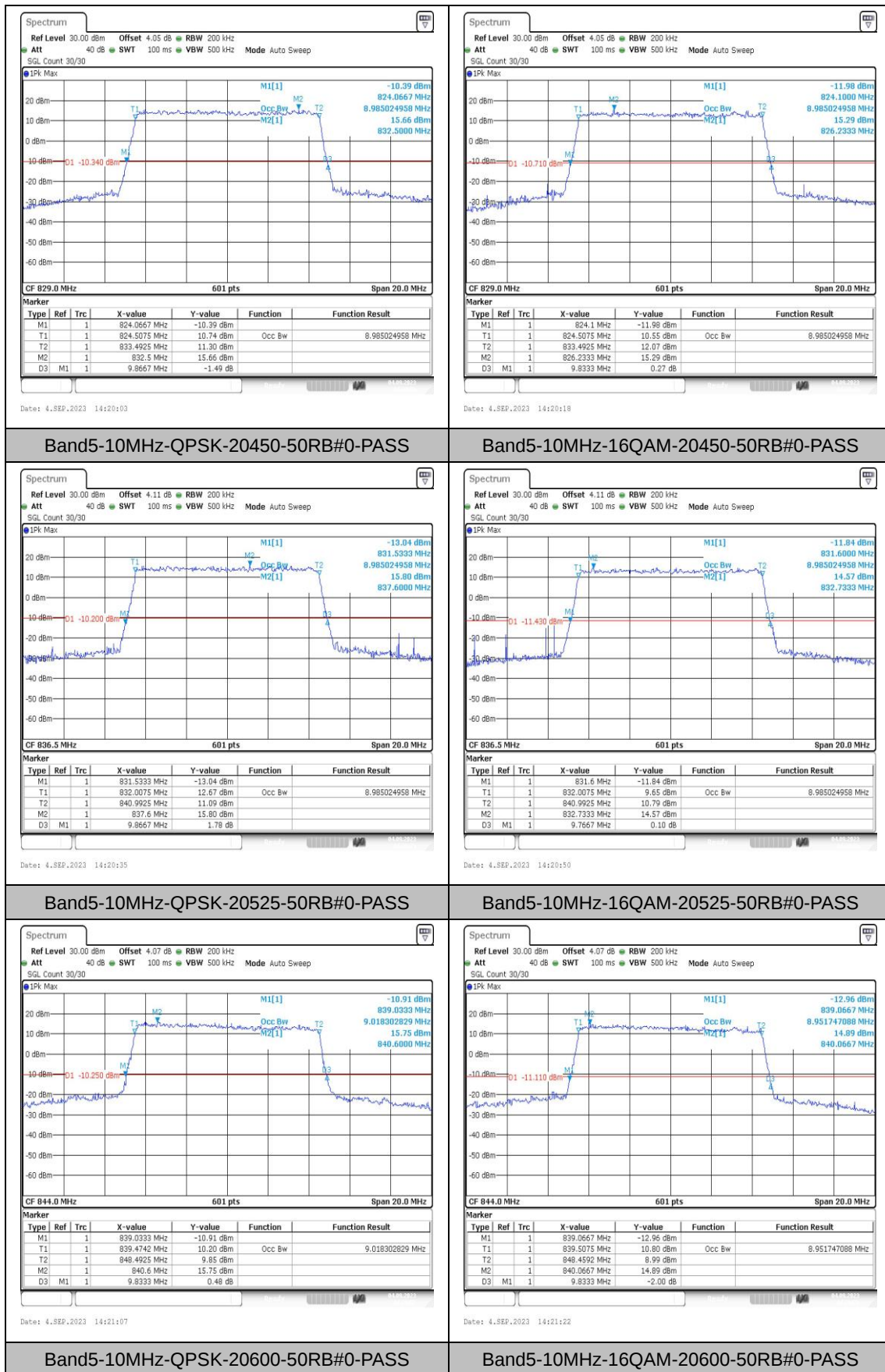
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.093	1.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.093	1.31	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.093	1.29	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.093	1.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.31	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.098	1.32	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.686	2.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.676	2.91	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.676	2.90	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.92	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.676	2.91	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	5.00	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.93	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.97	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.96	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.505	4.98	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.496	4.94	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.87	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.83	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.985	9.87	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.985	9.77	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.018	9.83	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.952	9.83	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	-25.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-26.63	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-43.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-46.10	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-35.24	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-33.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-42.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-46.17	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-25.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-24.38	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-32.83	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-33.63	PASS
Band5	3MHz	QPSK	20415	1RB#0	-22.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	-23.77	PASS
Band5	3MHz	QPSK	20415	1RB#14	-47.29	PASS
Band5	3MHz	16QAM	20415	1RB#14	-47.52	PASS
Band5	3MHz	QPSK	20415	15RB#0	-34.86	PASS
Band5	3MHz	16QAM	20415	15RB#0	-37.09	PASS
Band5	3MHz	QPSK	20635	1RB#0	-47.50	PASS
Band5	3MHz	16QAM	20635	1RB#0	-48.19	PASS
Band5	3MHz	QPSK	20635	1RB#14	-22.30	PASS
Band5	3MHz	16QAM	20635	1RB#14	-22.58	PASS
Band5	3MHz	QPSK	20635	15RB#0	-34.12	PASS
Band5	3MHz	16QAM	20635	15RB#0	-35.76	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	-21.81	PASS
Band5	5MHz	QPSK	20425	1RB#24	-46.47	PASS
Band5	5MHz	16QAM	20425	1RB#24	-46.28	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.73	PASS
Band5	5MHz	16QAM	20425	25RB#0	-33.57	PASS
Band5	5MHz	QPSK	20625	1RB#0	-47.95	PASS
Band5	5MHz	16QAM	20625	1RB#0	-49.14	PASS
Band5	5MHz	QPSK	20625	1RB#24	-20.72	PASS
Band5	5MHz	16QAM	20625	1RB#24	-23.20	PASS
Band5	5MHz	QPSK	20625	25RB#0	-32.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	-34.07	PASS

Band5	10MHz	QPSK	20450	1RB#0	-23.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	-24.02	PASS
Band5	10MHz	QPSK	20450	1RB#49	-45.93	PASS
Band5	10MHz	16QAM	20450	1RB#49	-48.97	PASS
Band5	10MHz	QPSK	20450	50RB#0	-35.99	PASS
Band5	10MHz	16QAM	20450	50RB#0	-38.40	PASS
Band5	10MHz	QPSK	20600	1RB#0	-50.53	PASS
Band5	10MHz	16QAM	20600	1RB#0	-50.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	-23.60	PASS
Band5	10MHz	16QAM	20600	1RB#49	-22.72	PASS
Band5	10MHz	QPSK	20600	50RB#0	-32.84	PASS
Band5	10MHz	16QAM	20600	50RB#0	-36.32	PASS

Test Graphs

