

Appendix for Band 41

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
Band41	5MHz	QPSK	39675	1RB#0	20.86	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.08	PASS
Band41	5MHz	QPSK	39675	1RB#12	20.89	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.15	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.97	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.99	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.74	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.65	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.75	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.66	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.93	PASS
Band41	5MHz	16QAM	39675	12RB#13	23.66	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.83	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.44	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.72	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.58	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.91	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.32	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.71	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.56	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.55	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.54	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.55	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.56	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.54	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.57	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.54	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.40	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.62	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.54	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.68	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.41	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.64	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.41	PASS

Band41	5MHz	16QAM	41565	12RB#0	21.37	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.43	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.28	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.42	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.38	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.43	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.41	PASS
Band41	10MHz	QPSK	39700	1RB#0	20.58	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.77	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.39	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.88	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.76	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.73	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.81	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.64	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.81	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.64	PASS
Band41	10MHz	QPSK	39700	25RB#25	25.63	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.60	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.87	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.67	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.71	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.44	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.79	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.56	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.60	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.36	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.63	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.61	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.61	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.61	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.59	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.54	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.59	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.58	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.50	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.58	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.70	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.71	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.56	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.56	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.42	PASS

Band41	10MHz	16QAM	41540	25RB#0	21.52	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.46	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.51	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.50	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.60	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.48	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.46	PASS
Band41	15MHz	QPSK	39725	1RB#0	20.59	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.76	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.54	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.76	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.66	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.64	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.84	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.84	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.83	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.83	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.83	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.83	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.83	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.64	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.68	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.57	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.71	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.56	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.57	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.35	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.66	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.69	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.72	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.69	PASS
Band41	15MHz	QPSK	40620	38RB#37	22.69	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.69	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.71	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.63	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.36	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.49	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.51	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.57	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.38	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.41	PASS
Band41	15MHz	QPSK	41515	38RB#0	22.59	PASS

Band41	15MHz	16QAM	41515	38RB#0	22.58	PASS
Band41	15MHz	QPSK	41515	38RB#18	22.59	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.59	PASS
Band41	15MHz	QPSK	41515	38RB#37	22.59	PASS
Band41	15MHz	16QAM	41515	38RB#37	22.57	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.57	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.46	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.22	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.36	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.33	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.45	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.88	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.24	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.51	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.32	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.52	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.32	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.16	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.23	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.61	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.41	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.23	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.82	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.53	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.06	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.05	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.60	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.30	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.29	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.29	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.31	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.24	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.23	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.27	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.23	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.95	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.06	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.38	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.36	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.99	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.96	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.10	PASS

Band41	20MHz	16QAM	41490	50RB#0	21.08	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.10	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.09	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.16	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.13	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.13	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.08	PASS

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

Test Result

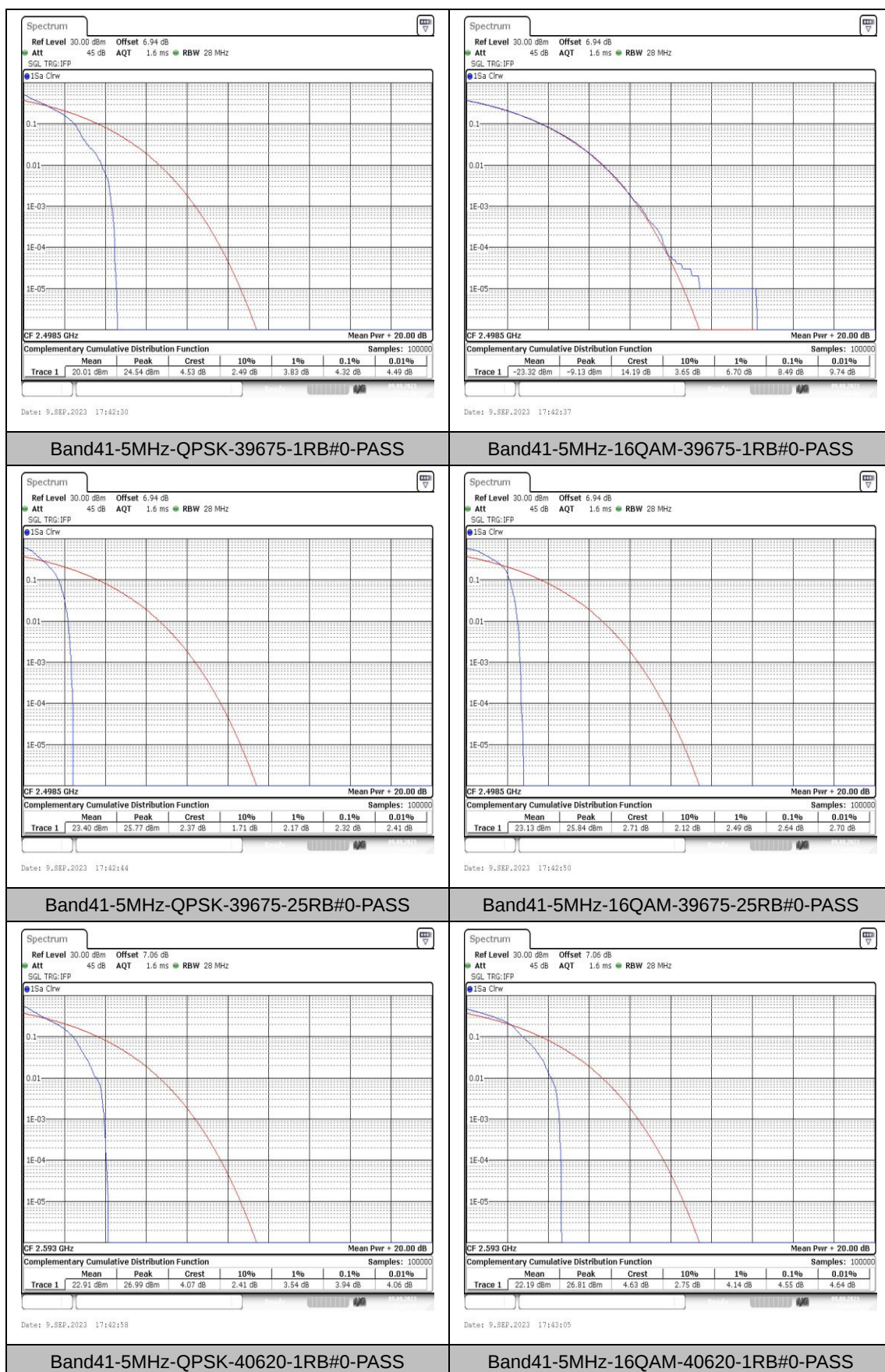
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.32	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.49	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	2.32	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	2.64	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	3.94	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	4.55	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.75	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.51	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	2.61	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	3.48	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	3.71	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.75	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.52	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	4.61	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	2.41	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	2.70	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	3.88	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	4.67	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	4.72	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.65	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	2.78	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	3.71	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	3.91	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	4.90	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.43	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	4.61	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	2.67	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	2.96	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.52	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.55	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	8.41	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.65	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	3.01	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	4.03	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	3.94	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	8.43	13	PASS

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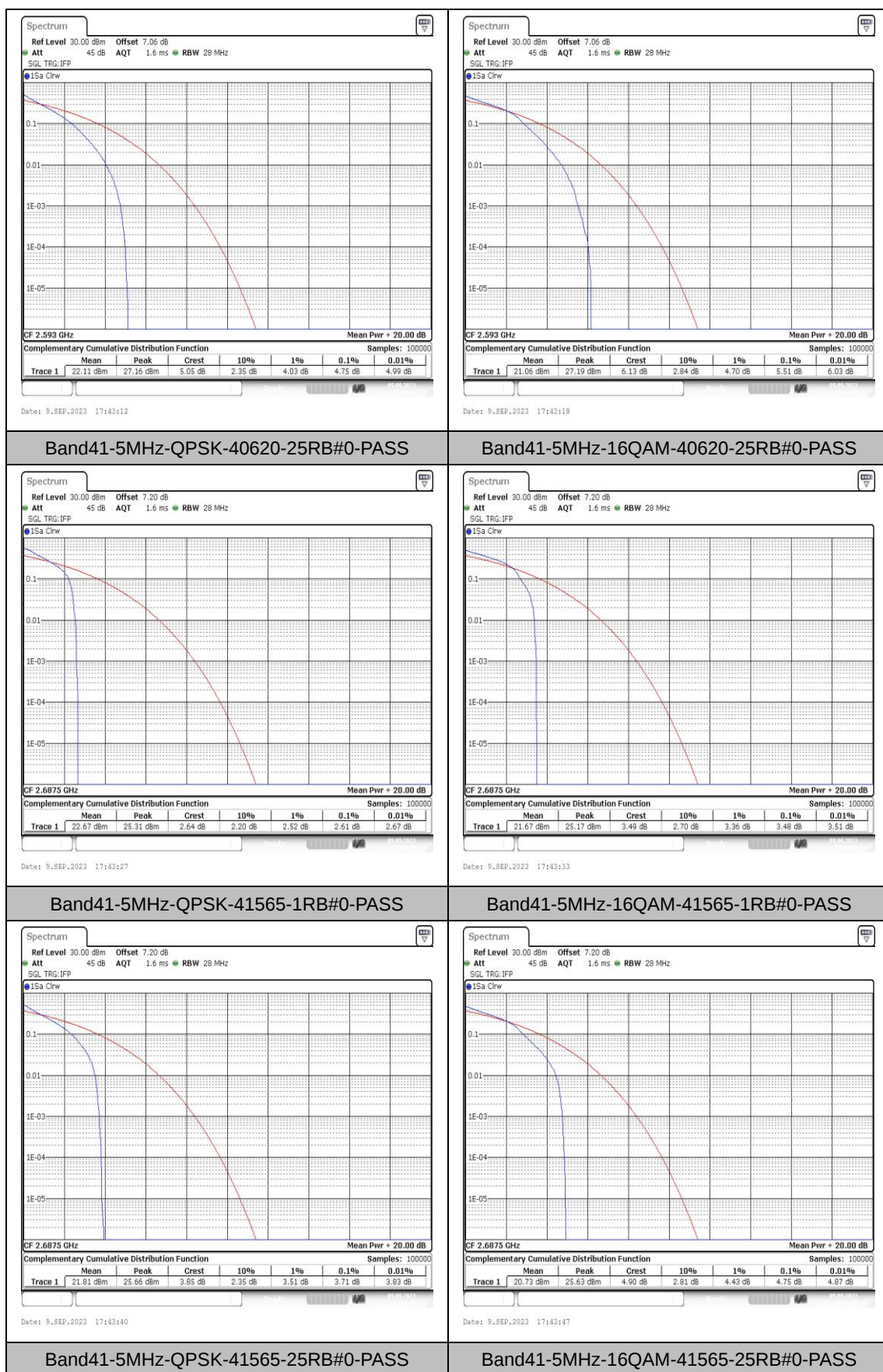
Band41	20MHz	QPSK	39750	1RB#0	4.49	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	4.67	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	3.07	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	3.33	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.52	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	4.96	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.41	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	8.41	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	3.25	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.70	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.26	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.25	13	PASS

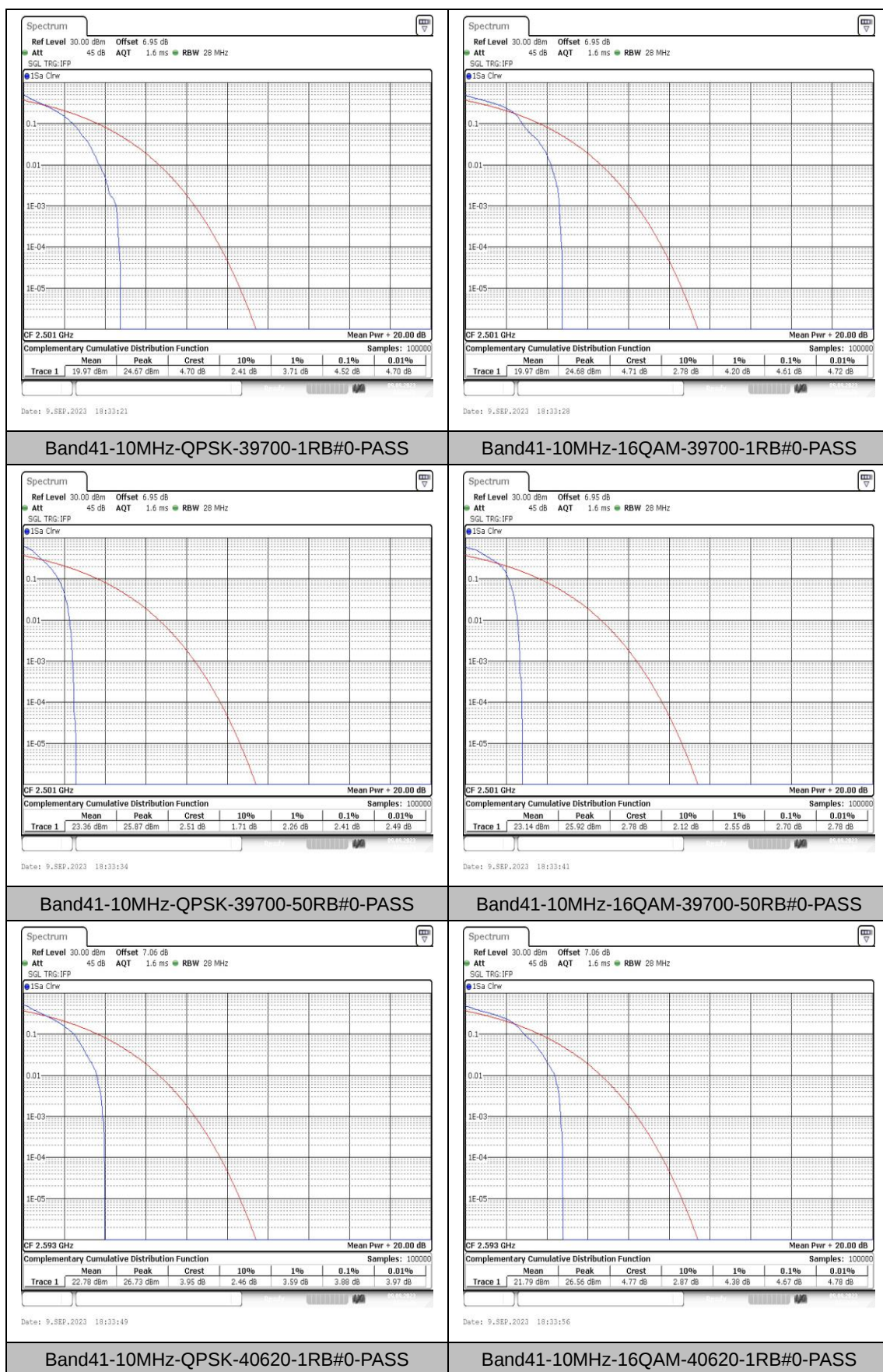
Test Graphs

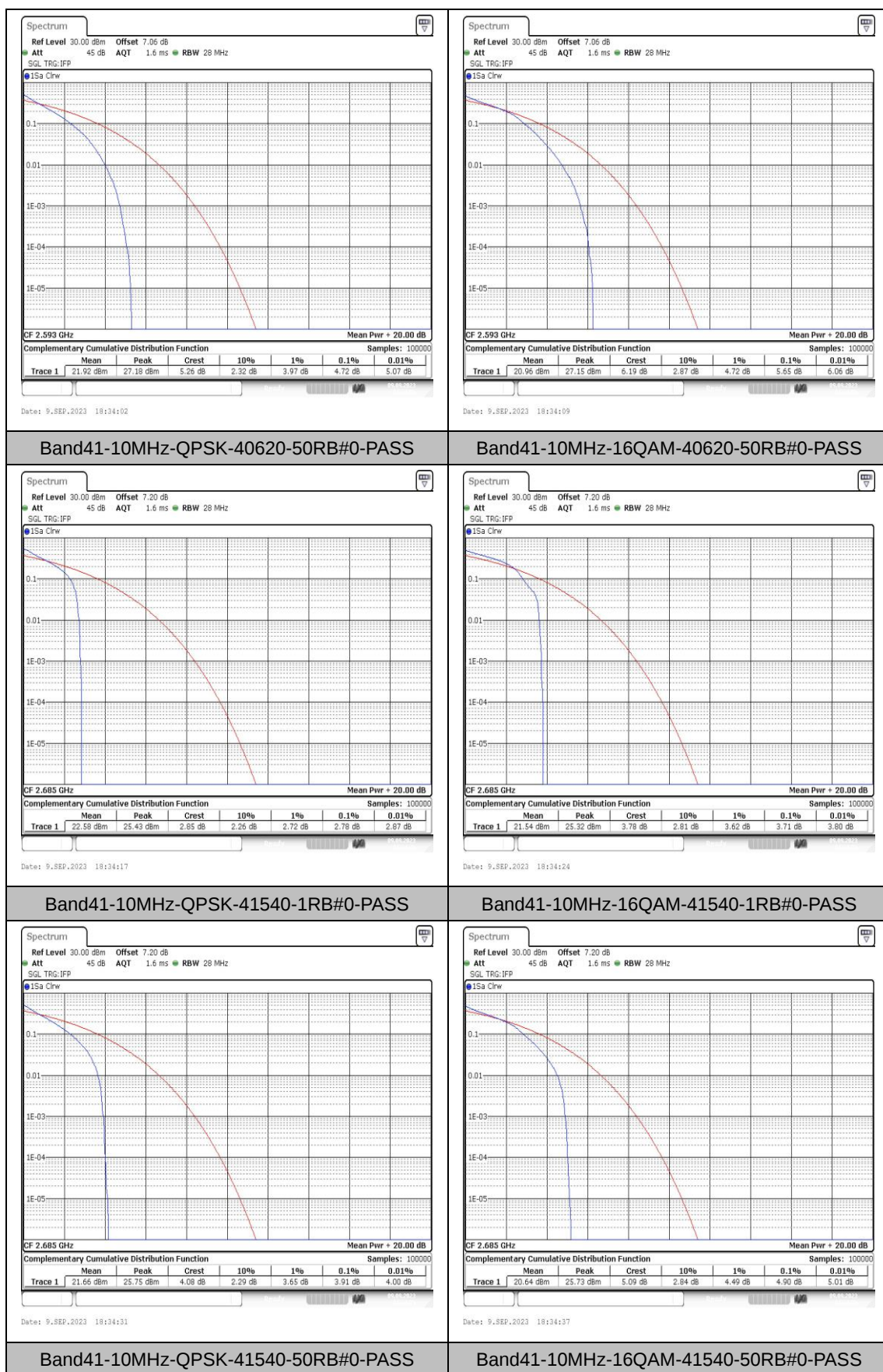


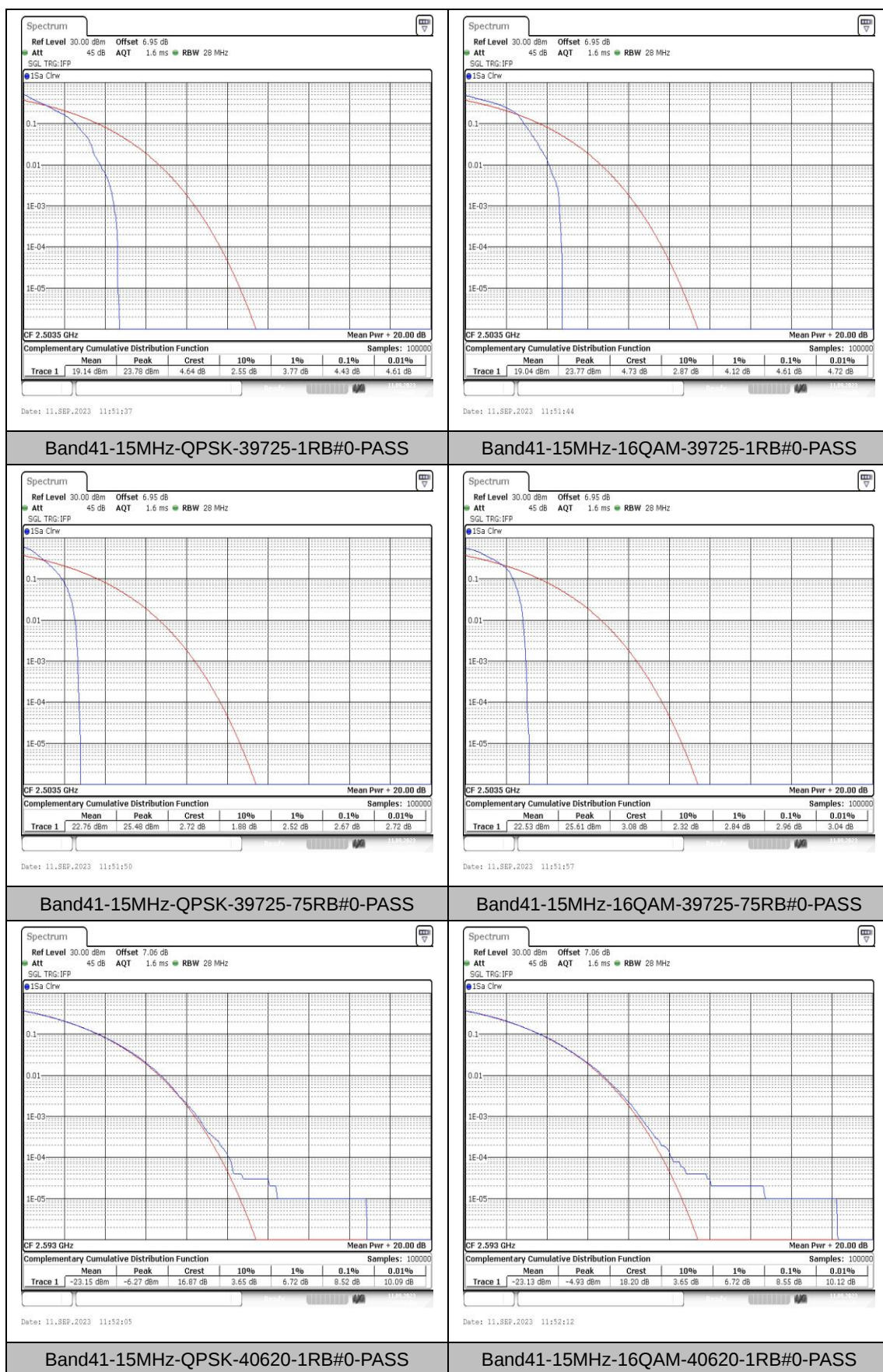
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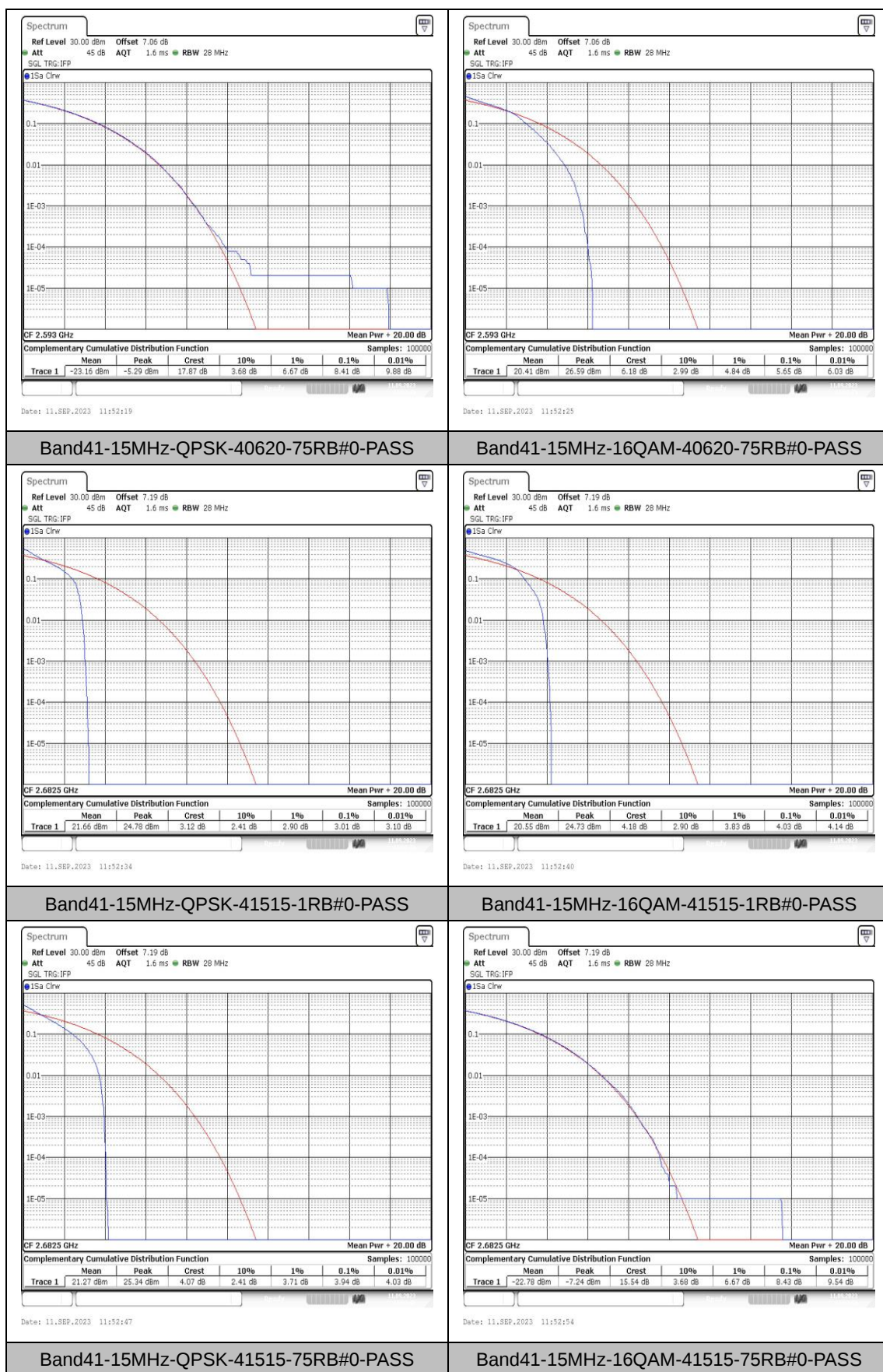
<http://www.waltek.com.cn>

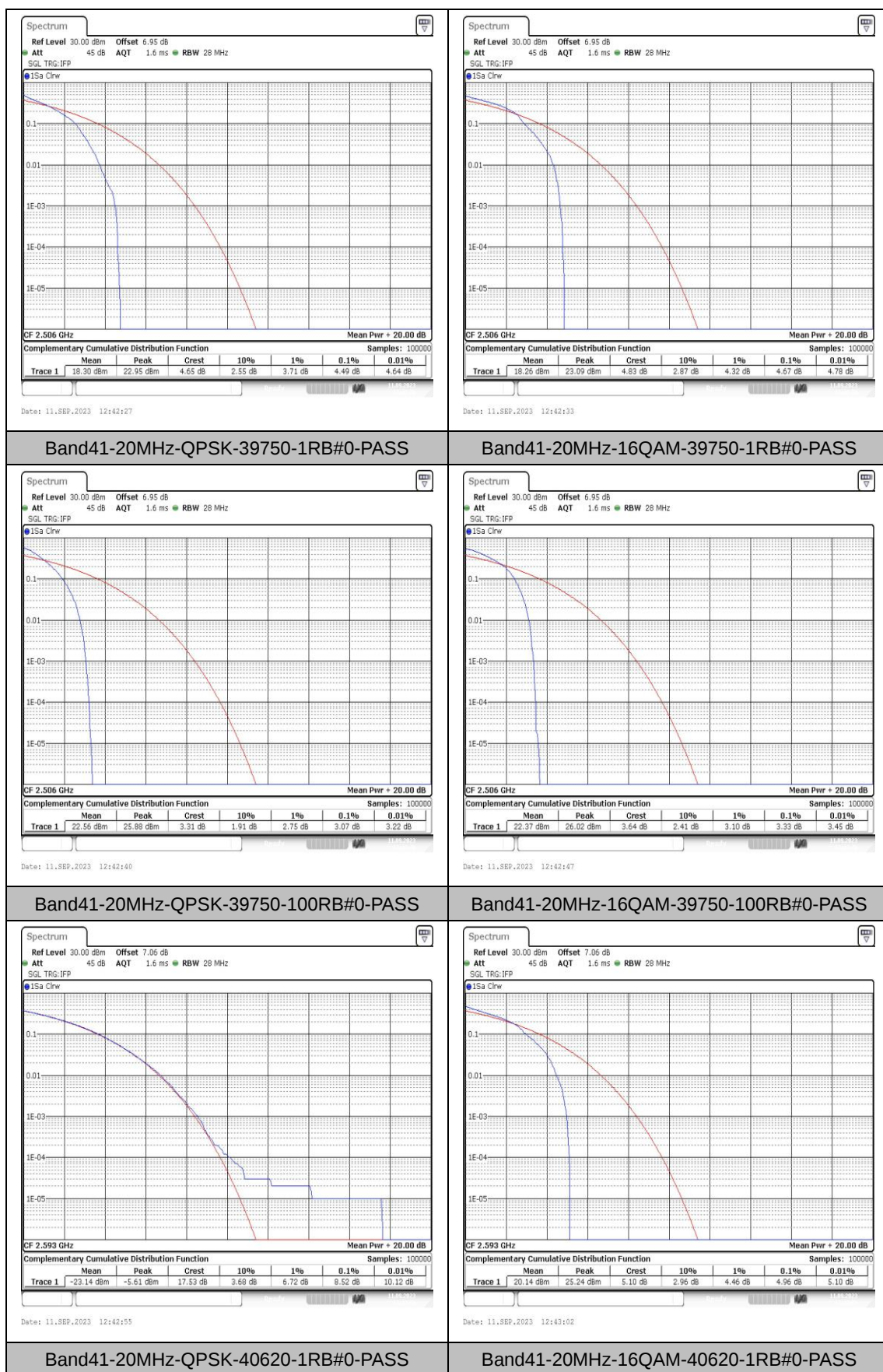


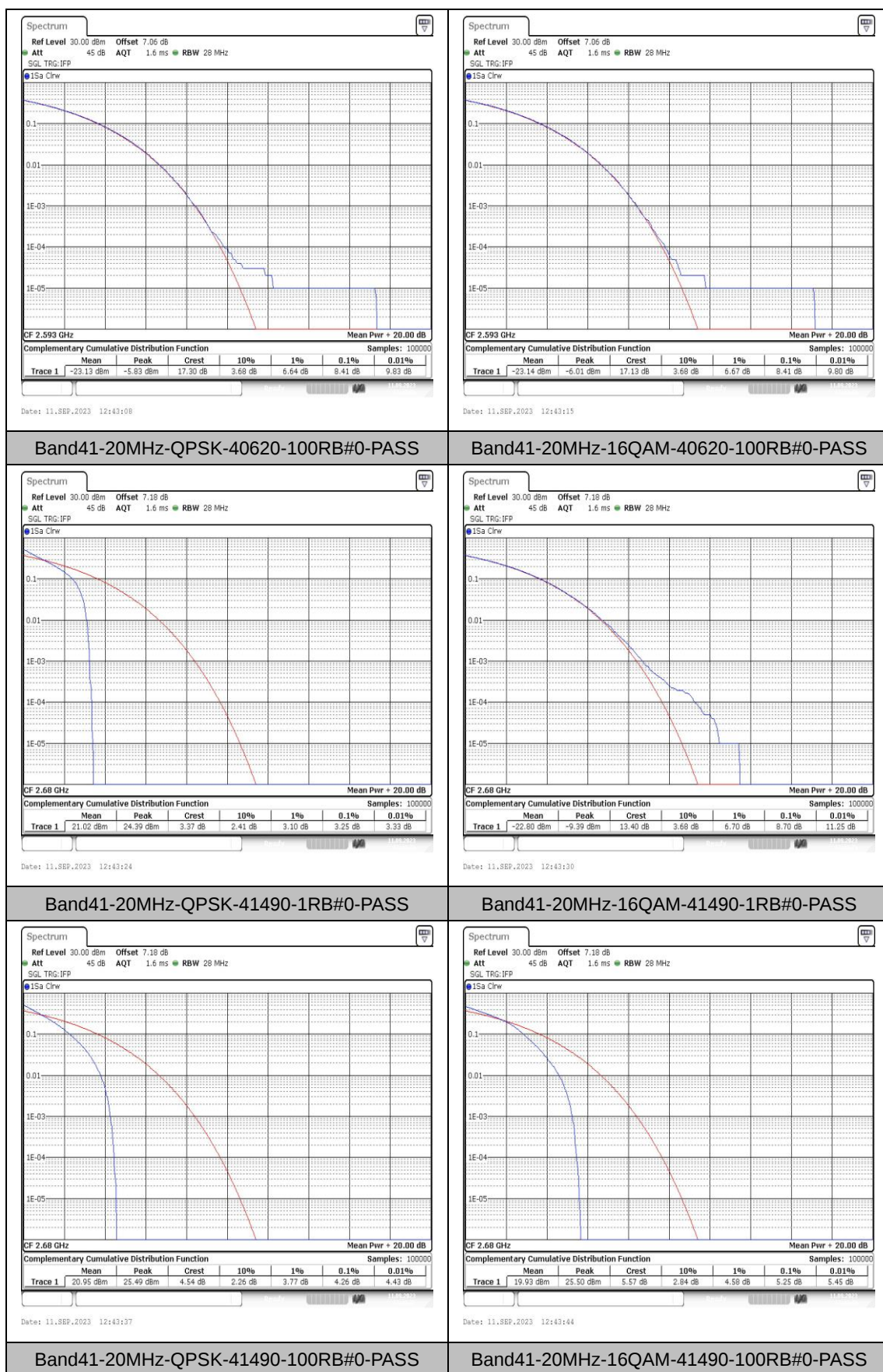










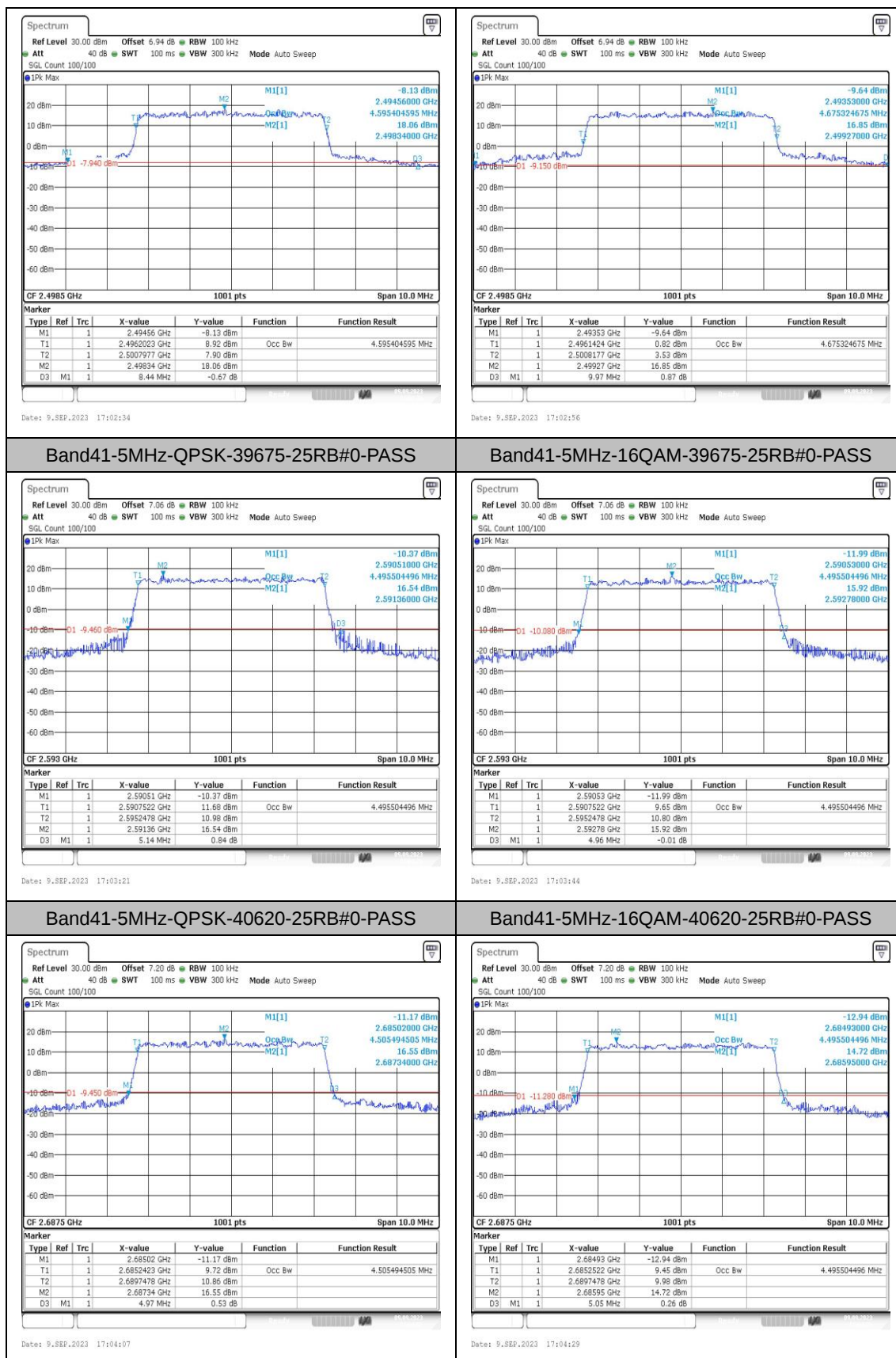


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

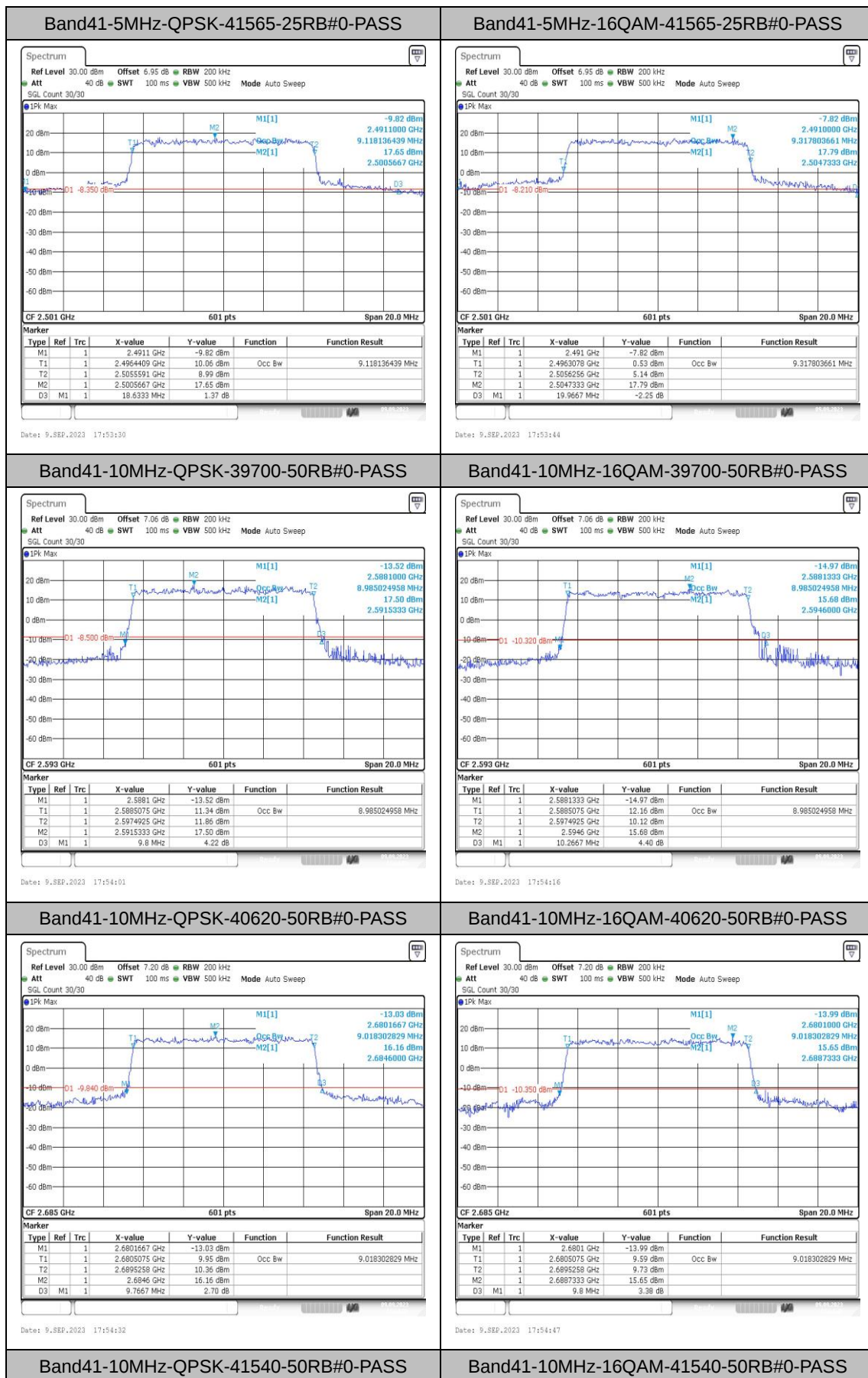
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.595	8.44	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.675	9.97	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.496	5.14	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.96	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.505	4.97	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	5.05	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.118	18.63	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.318	19.97	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.985	9.80	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.985	10.27	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.018	9.77	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.018	9.80	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.727	28.25	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.927	29.60	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	15.05	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	15.45	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	15.50	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.527	14.80	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.303	32.07	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.436	39.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.037	19.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.97	20.07	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.037	19.93	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.037	20.20	PASS

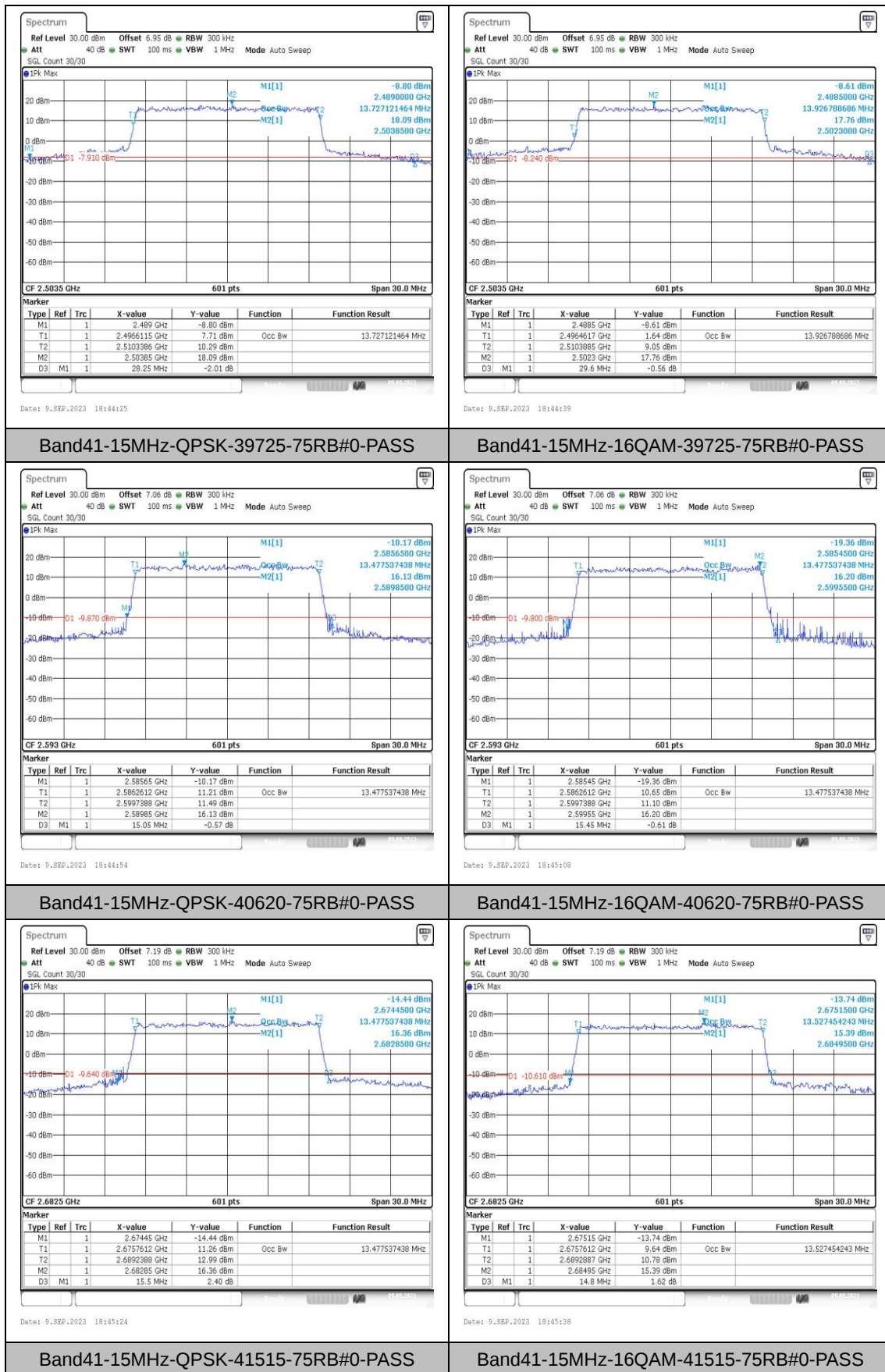
Test Graphs

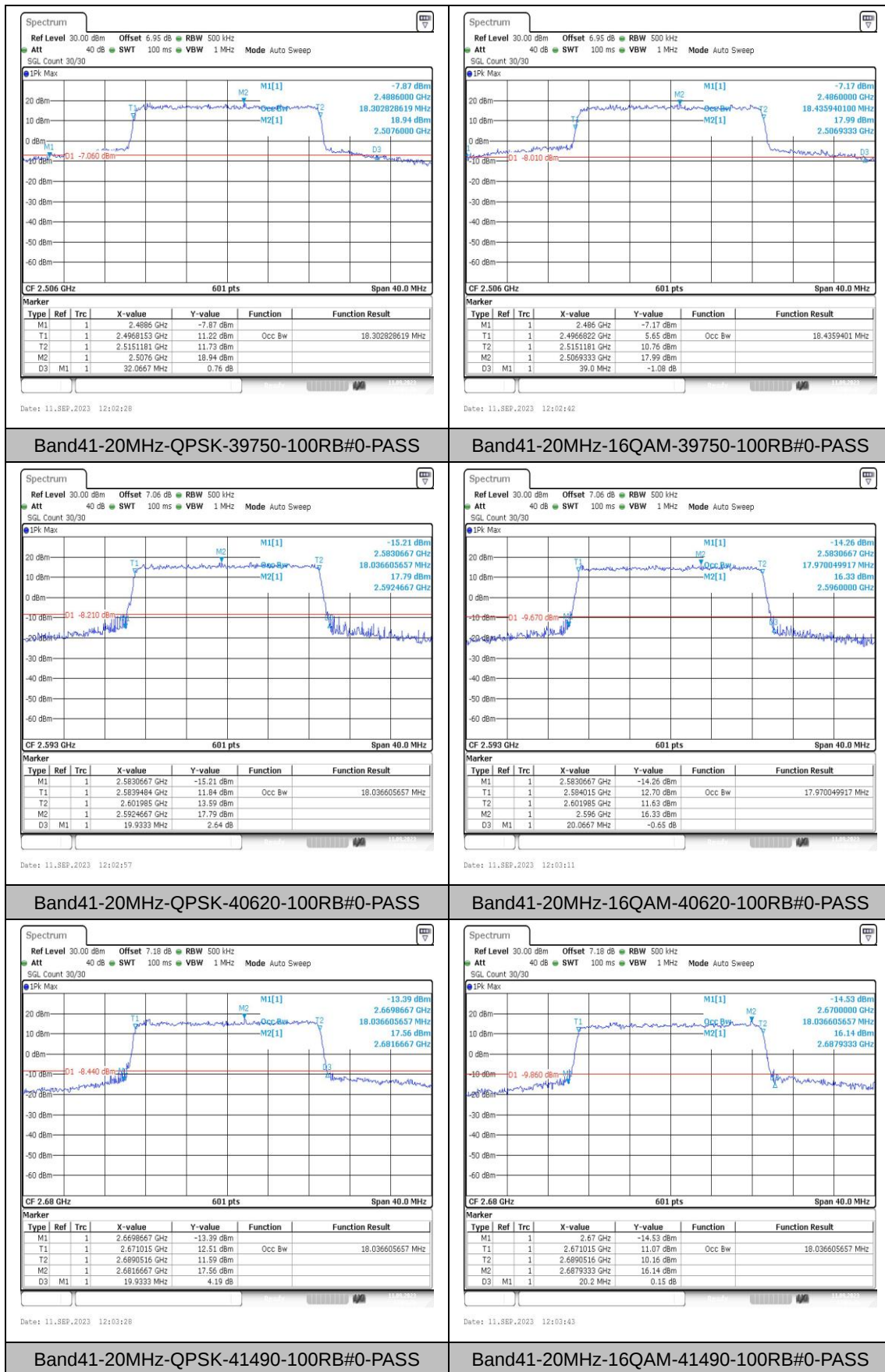


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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band41	5MHz	QPSK	39675	1RB#0	PASS
Band41	5MHz	16QAM	39675	1RB#0	PASS
Band41	5MHz	QPSK	39675	1RB#24	PASS
Band41	5MHz	16QAM	39675	1RB#24	PASS
Band41	5MHz	QPSK	39675	25RB#0	PASS
Band41	5MHz	16QAM	39675	25RB#0	PASS
Band41	5MHz	QPSK	41565	1RB#0	PASS
Band41	5MHz	16QAM	41565	1RB#0	PASS
Band41	5MHz	QPSK	41565	1RB#24	PASS
Band41	5MHz	16QAM	41565	1RB#24	PASS
Band41	5MHz	QPSK	41565	25RB#0	PASS
Band41	5MHz	16QAM	41565	25RB#0	PASS
Band41	10MHz	QPSK	39700	1RB#0	PASS
Band41	10MHz	16QAM	39700	1RB#0	PASS
Band41	10MHz	QPSK	39700	1RB#49	PASS
Band41	10MHz	16QAM	39700	1RB#49	PASS
Band41	10MHz	QPSK	39700	50RB#0	PASS
Band41	10MHz	16QAM	39700	50RB#0	PASS
Band41	10MHz	QPSK	41540	1RB#0	PASS
Band41	10MHz	16QAM	41540	1RB#0	PASS
Band41	10MHz	QPSK	41540	1RB#49	PASS
Band41	10MHz	16QAM	41540	1RB#49	PASS
Band41	10MHz	QPSK	41540	50RB#0	PASS
Band41	10MHz	16QAM	41540	50RB#0	PASS
Band41	15MHz	QPSK	39725	1RB#0	PASS
Band41	15MHz	16QAM	39725	1RB#0	PASS
Band41	15MHz	QPSK	39725	1RB#74	PASS
Band41	15MHz	16QAM	39725	1RB#74	PASS
Band41	15MHz	QPSK	39725	75RB#0	PASS
Band41	15MHz	16QAM	39725	75RB#0	PASS
Band41	15MHz	QPSK	41515	1RB#0	PASS
Band41	15MHz	16QAM	41515	1RB#0	PASS
Band41	15MHz	QPSK	41515	1RB#74	PASS
Band41	15MHz	16QAM	41515	1RB#74	PASS
Band41	15MHz	QPSK	41515	75RB#0	PASS

Band41	15MHz	16QAM	41515	75RB#0	PASS
Band41	20MHz	QPSK	39750	1RB#0	PASS
Band41	20MHz	16QAM	39750	1RB#0	PASS
Band41	20MHz	QPSK	39750	1RB#99	PASS
Band41	20MHz	16QAM	39750	1RB#99	PASS
Band41	20MHz	QPSK	39750	100RB#0	PASS
Band41	20MHz	16QAM	39750	100RB#0	PASS
Band41	20MHz	QPSK	41490	1RB#0	PASS
Band41	20MHz	16QAM	41490	1RB#0	PASS
Band41	20MHz	QPSK	41490	1RB#99	PASS
Band41	20MHz	16QAM	41490	1RB#99	PASS
Band41	20MHz	QPSK	41490	100RB#0	PASS
Band41	20MHz	16QAM	41490	100RB#0	PASS

Test Graphs

