

Appendix for Band 41

Product Name: 5G CPE

Model No: C150

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.97	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.39	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.03	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.43	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.95	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.35	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.99	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.02	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.98	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.05	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.99	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.06	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.03	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.01	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.16	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.62	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.24	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.67	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.07	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.49	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.25	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.27	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.25	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.23	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.12	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.19	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.10	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.15	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.40	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.74	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.42	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.67	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.34	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.61	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.39	PASS

Band41	5MHz	16QAM	41565	12RB#0	20.53	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.41	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.53	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.41	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.54	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.50	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.40	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.02	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.32	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.95	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.15	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.97	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.33	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.02	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.06	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.98	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.14	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.96	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.16	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.91	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.98	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.20	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.54	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.15	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.41	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.14	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.43	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.28	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.42	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.36	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.41	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.02	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.30	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.23	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.18	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.47	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.14	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.50	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.21	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.52	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.11	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.43	PASS

Band41	10MHz	16QAM	41540	25RB#0	20.61	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.55	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.54	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.60	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.57	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.32	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.49	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.86	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.20	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.94	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.18	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.90	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.26	PASS
Band41	15MHz	QPSK	39725	38RB#0	22.95	PASS
Band41	15MHz	16QAM	39725	38RB#0	22.99	PASS
Band41	15MHz	QPSK	39725	38RB#18	22.94	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.10	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.93	PASS
Band41	15MHz	16QAM	39725	38RB#37	22.97	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.97	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.18	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.18	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.60	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.05	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.34	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.03	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.30	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.24	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.25	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.11	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.30	PASS
Band41	15MHz	QPSK	40620	38RB#37	22.30	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.12	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.05	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.14	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.62	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.46	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.50	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.26	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.46	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.31	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.67	PASS

Band41	15MHz	16QAM	41515	38RB#0	21.64	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.60	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.47	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.69	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.48	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.69	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.65	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.92	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.12	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.96	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.03	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.05	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.96	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.12	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.03	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.16	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.97	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.01	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.01	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.05	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.40	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.60	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.19	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.25	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.08	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.18	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.30	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.37	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.35	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.40	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.11	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.15	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.13	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.21	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.56	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.34	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.34	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.05	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.27	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.63	PASS

Band41	20MHz	16QAM	41490	50RB#0	20.58	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.56	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.59	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.50	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.59	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.53	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.50	PASS

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

Test Result

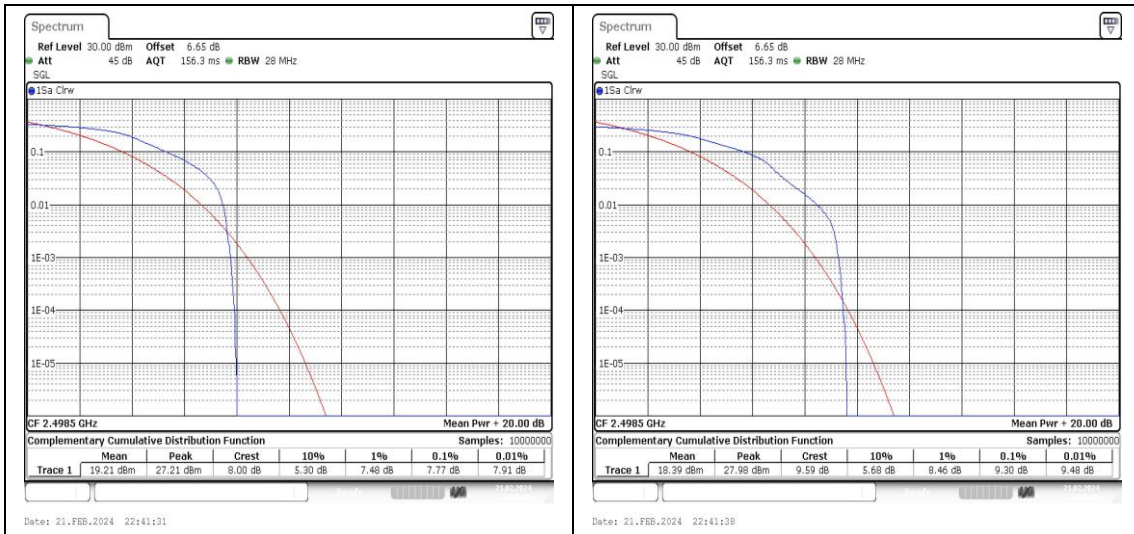
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	7.77	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	9.30	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.04	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.83	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	7.91	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.59	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.36	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.94	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.03	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	9.59	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.33	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	10.06	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.74	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	9.36	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.01	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.83	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.77	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.74	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.22	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	10.03	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	7.88	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	9.77	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.28	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	10.09	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	7.71	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	9.45	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.10	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.86	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	7.68	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.68	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.42	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.09	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	7.94	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	9.80	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.39	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.09	13	PASS

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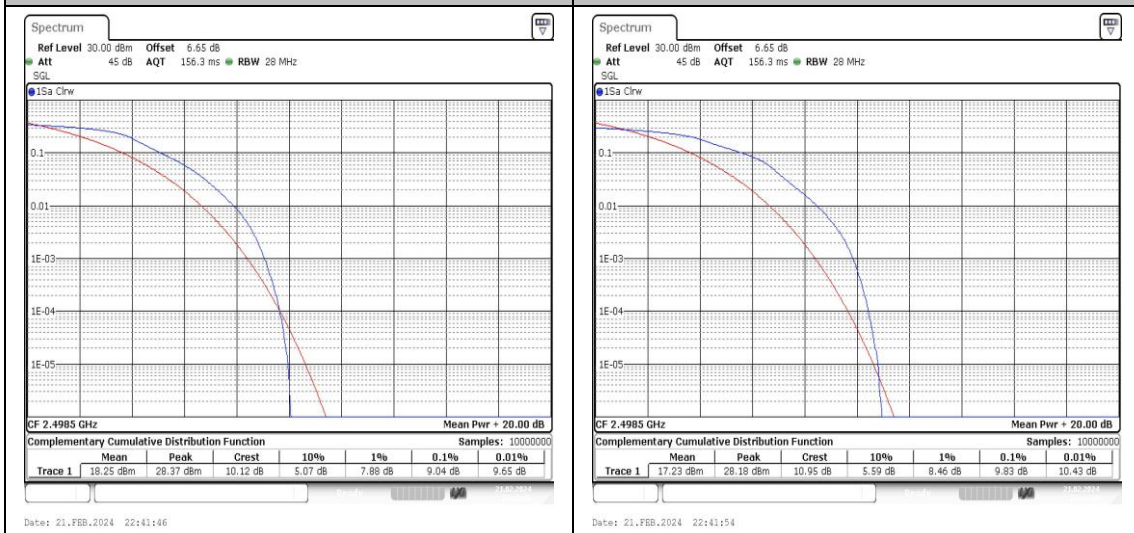
<http://www.waltek.com.cn>

Band41	20MHz	QPSK	39750	1RB#0	7.62	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	9.19	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.81	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.68	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.80	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.65	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.01	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.86	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.86	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	9.54	13	PASS
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Band41	20MHz	16QAM	41490	100RB#0	9.97	13	PASS

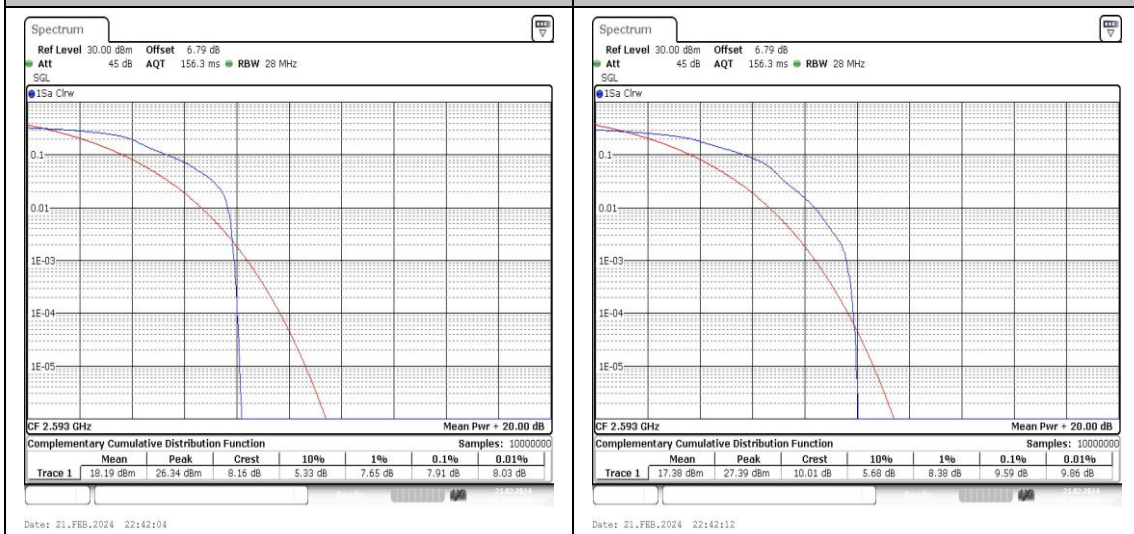
Test Graphs



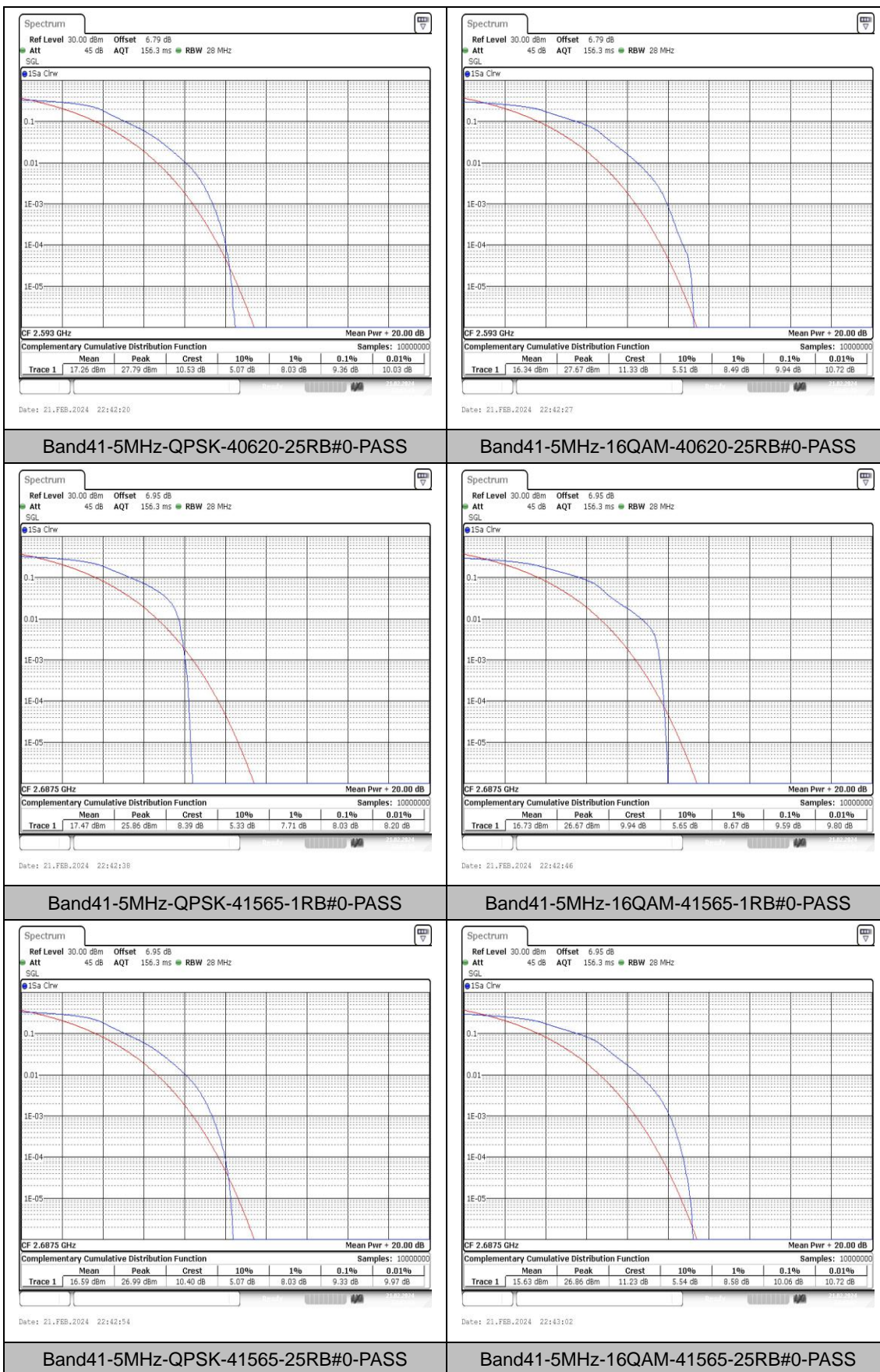
Band41-5MHz-QPSK-39675-1RB#0-PASS **Band41-5MHz-16QAM-39675-1RB#0-PASS**

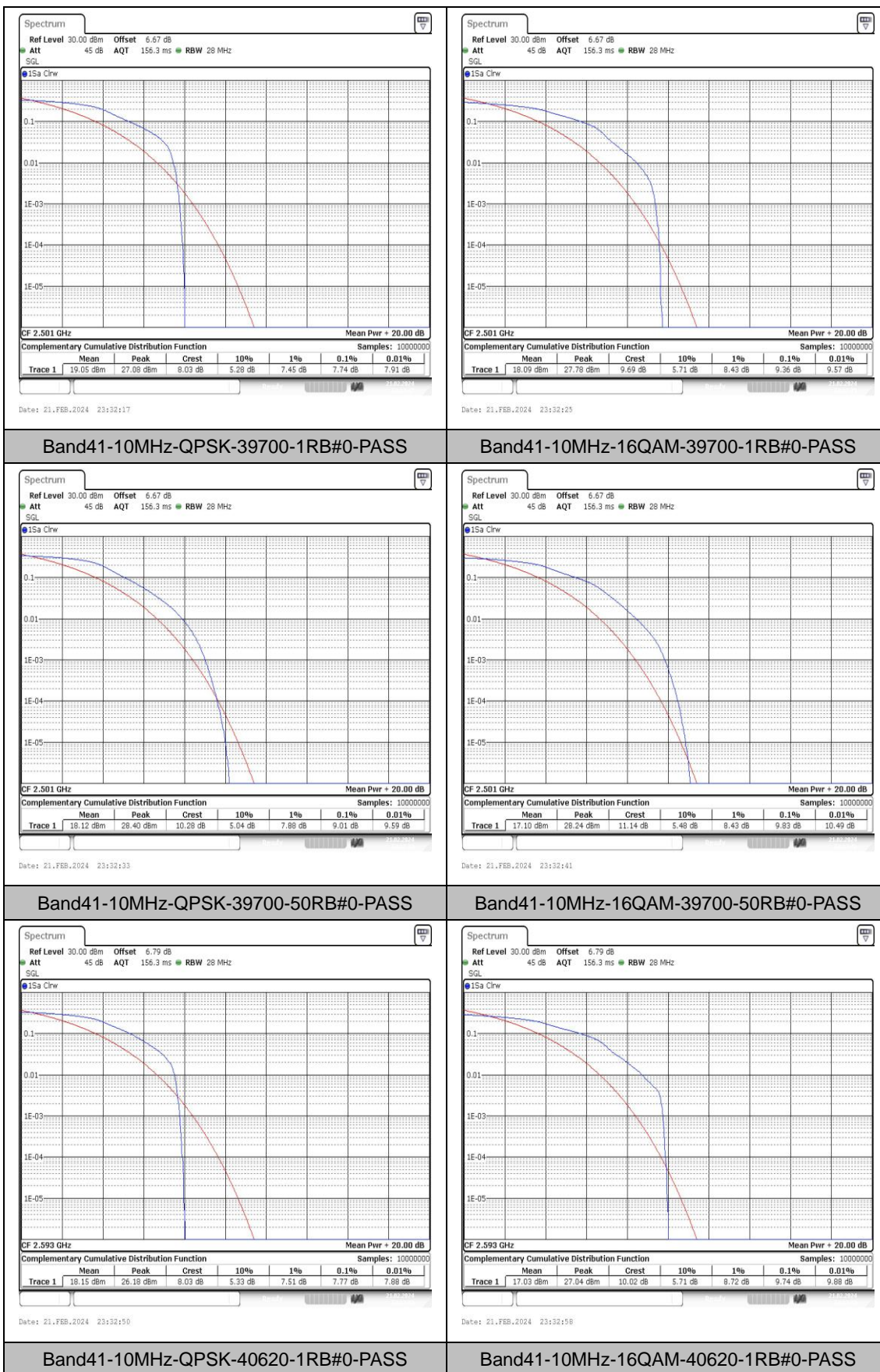


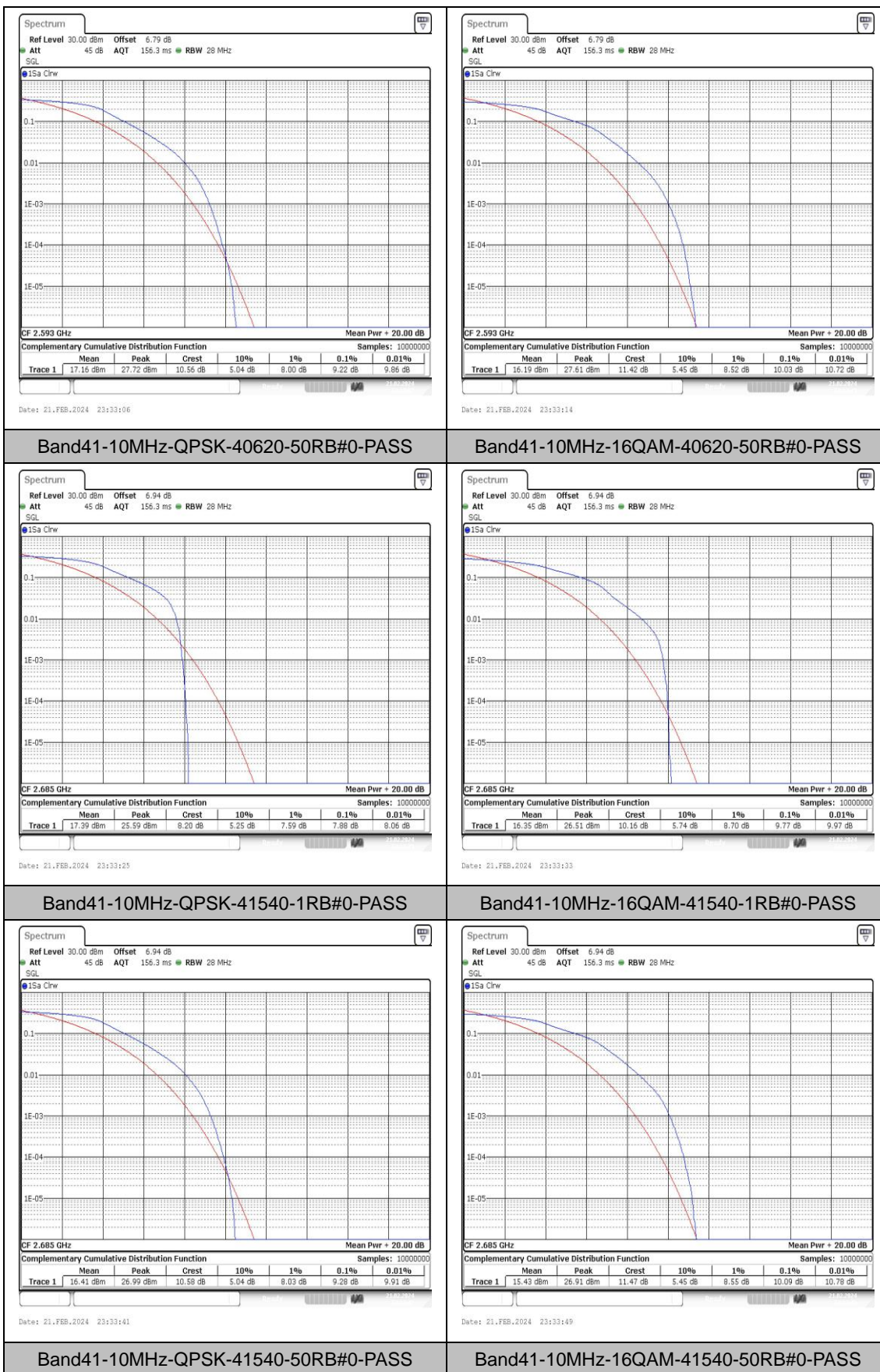
Band41-5MHz-QPSK-39675-25RB#0-PASS **Band41-5MHz-16QAM-39675-25RB#0-PASS**

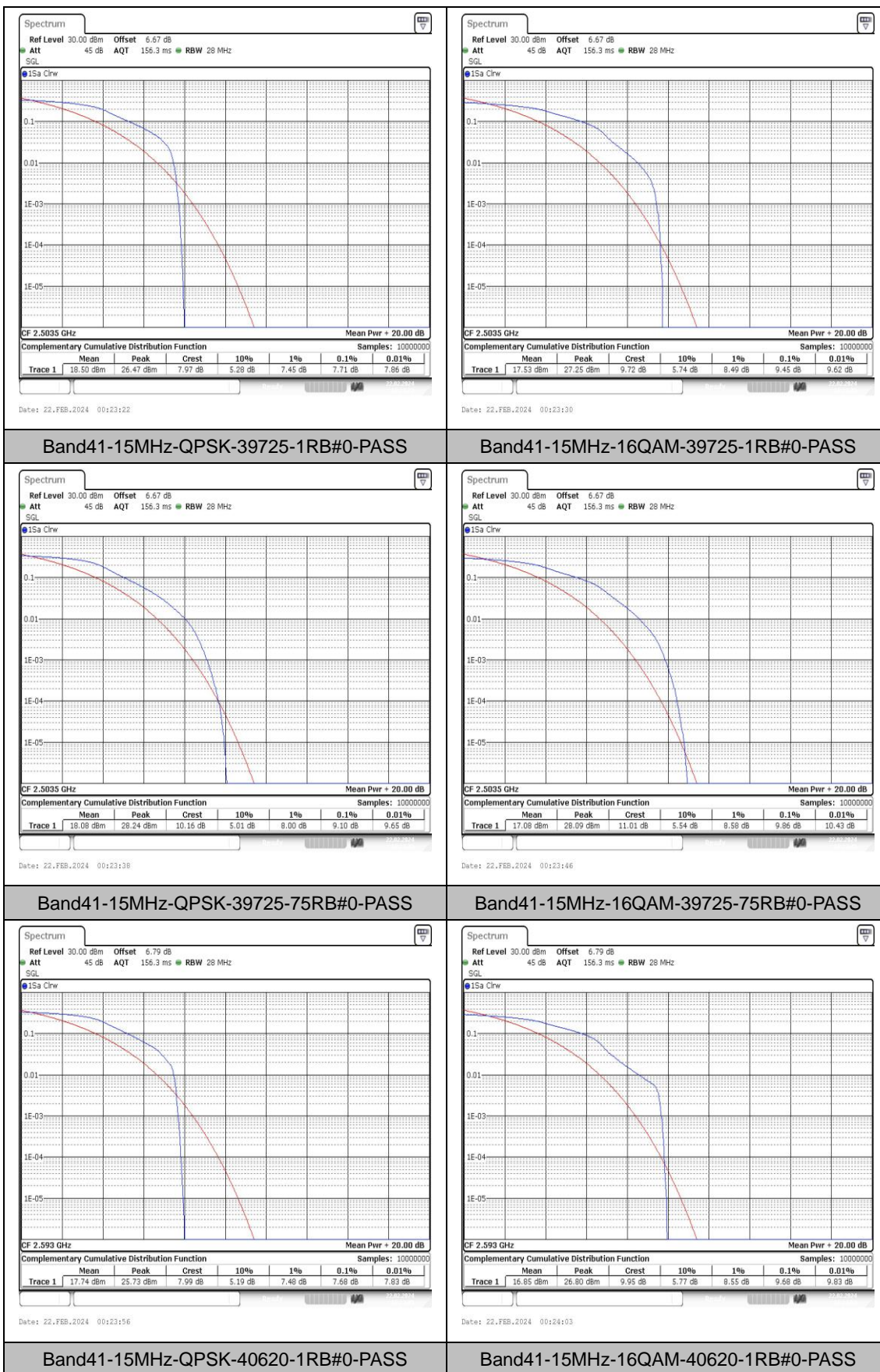


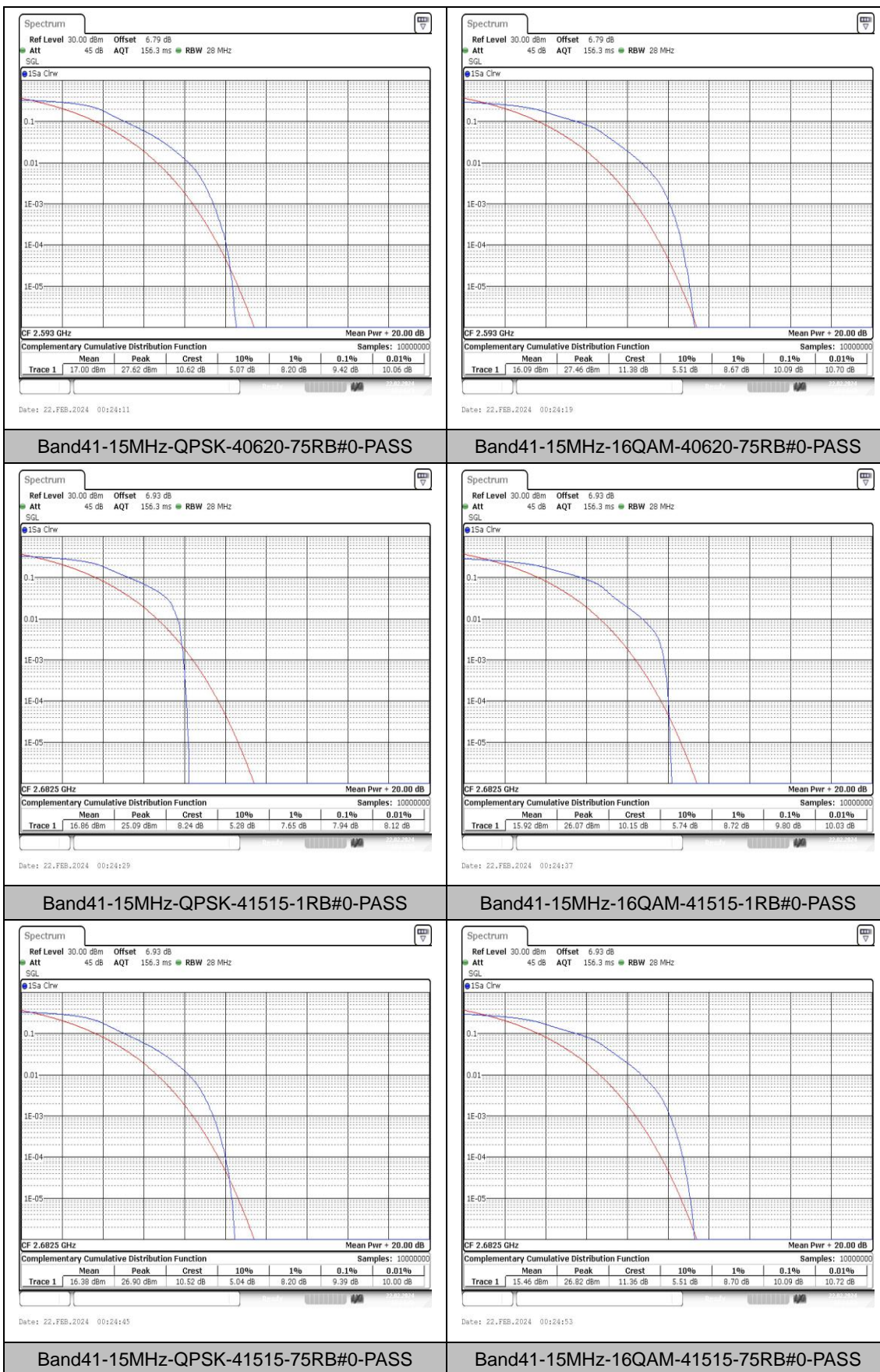
Band41-5MHz-QPSK-40620-1RB#0-PASS **Band41-5MHz-16QAM-40620-1RB#0-PASS**

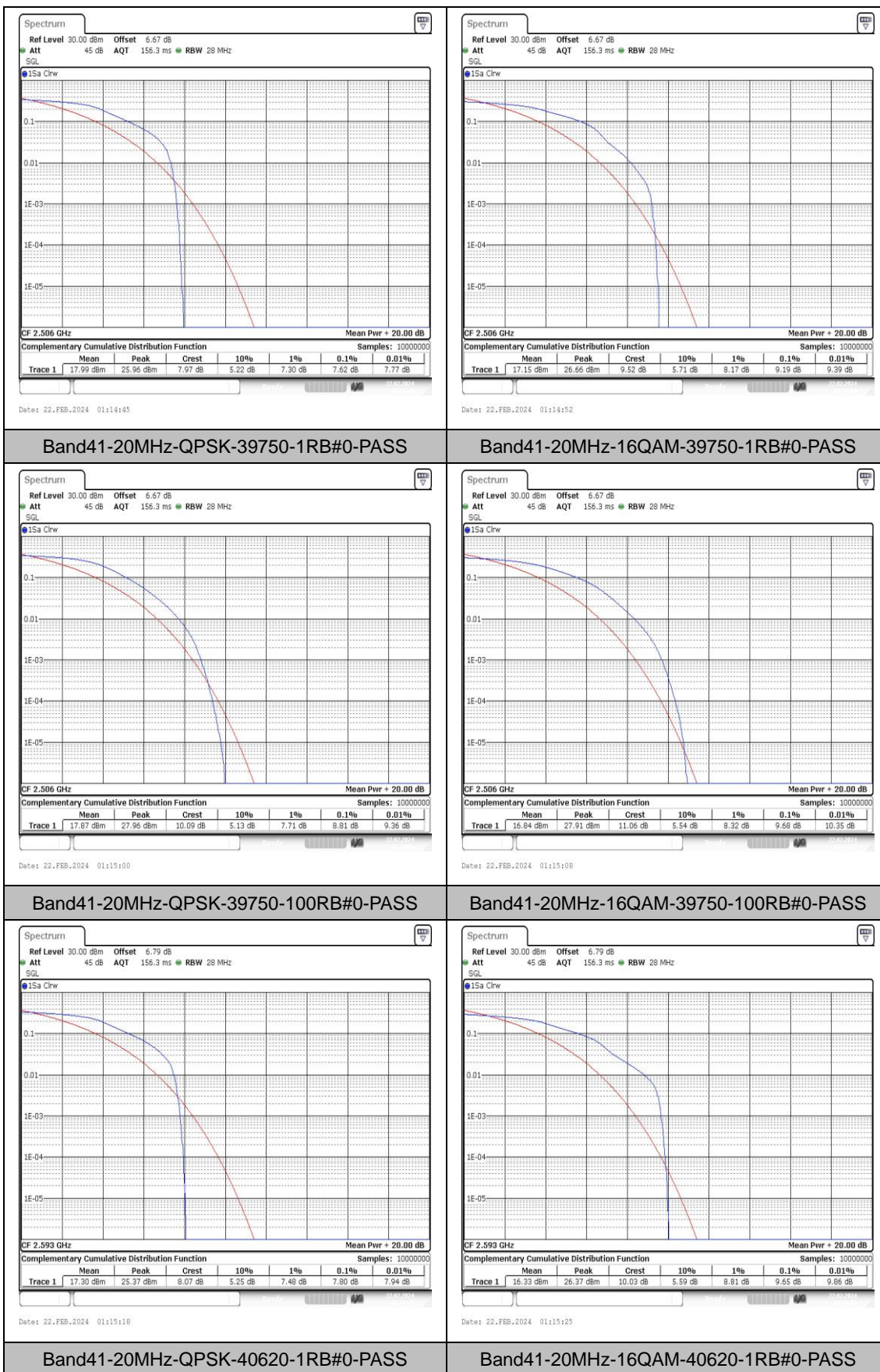


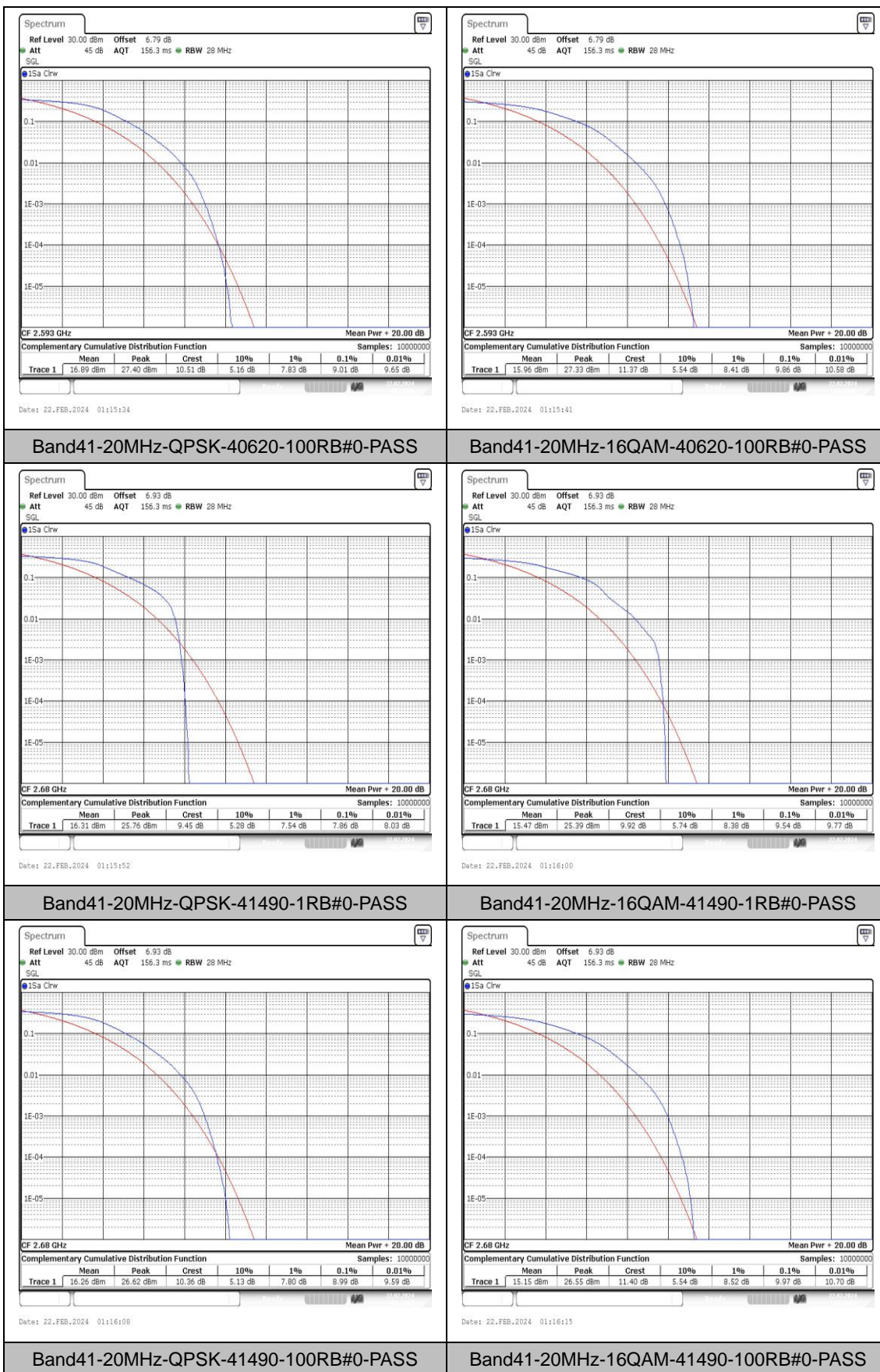










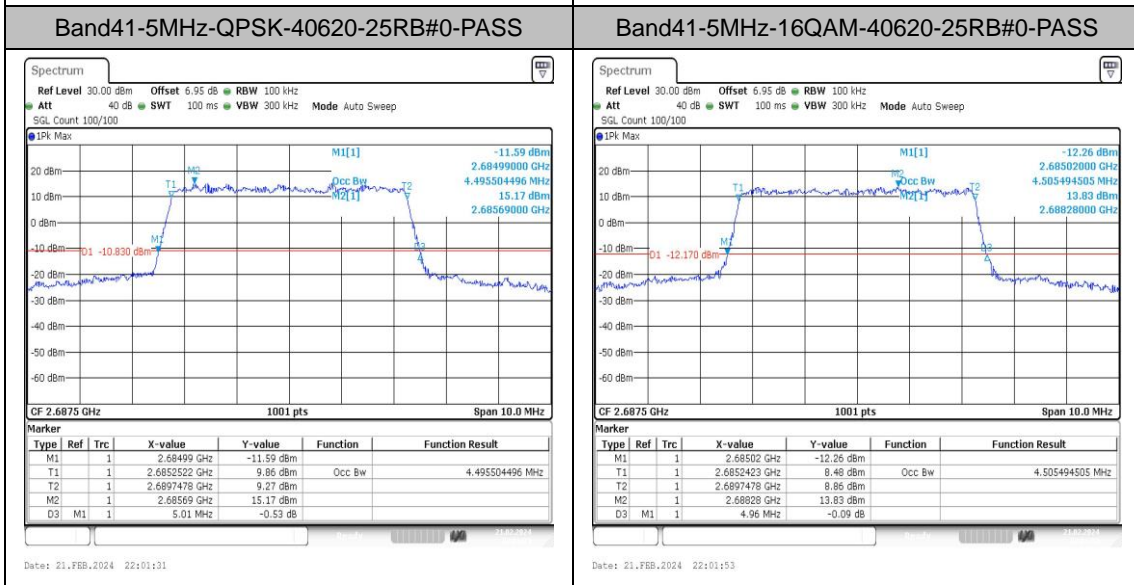
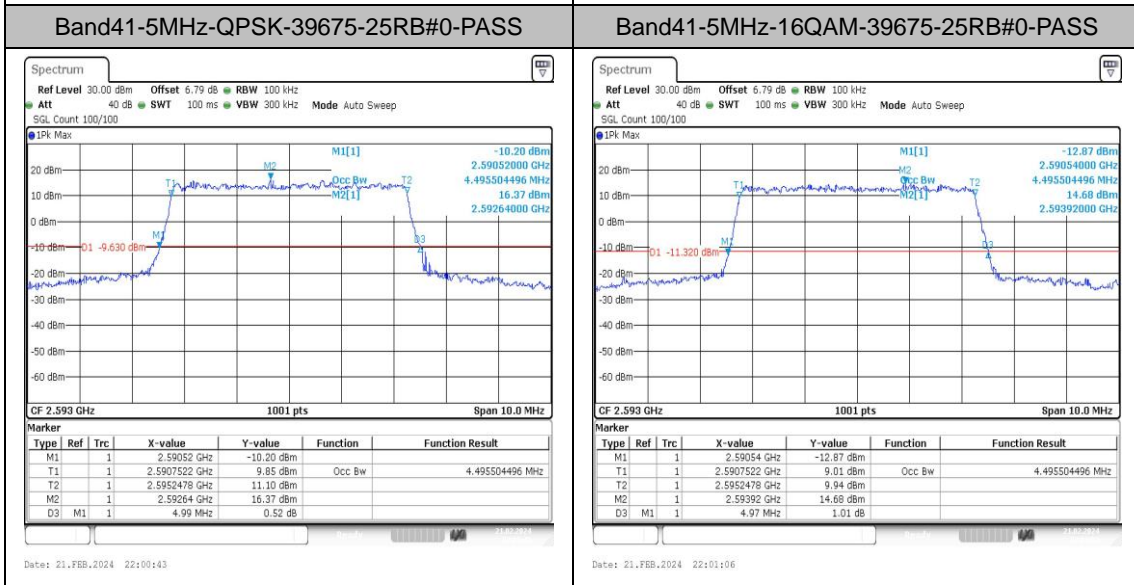
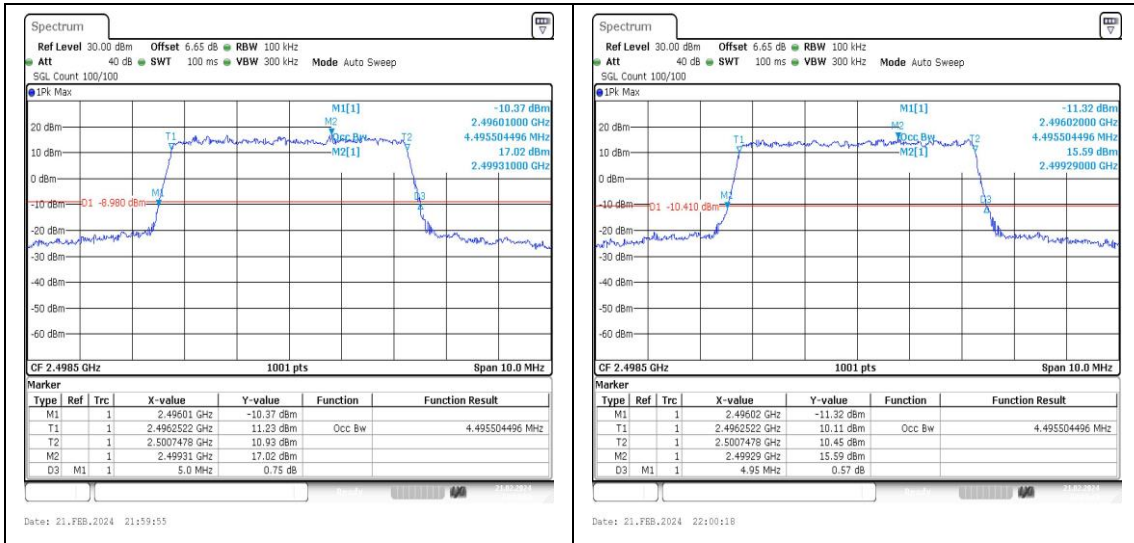


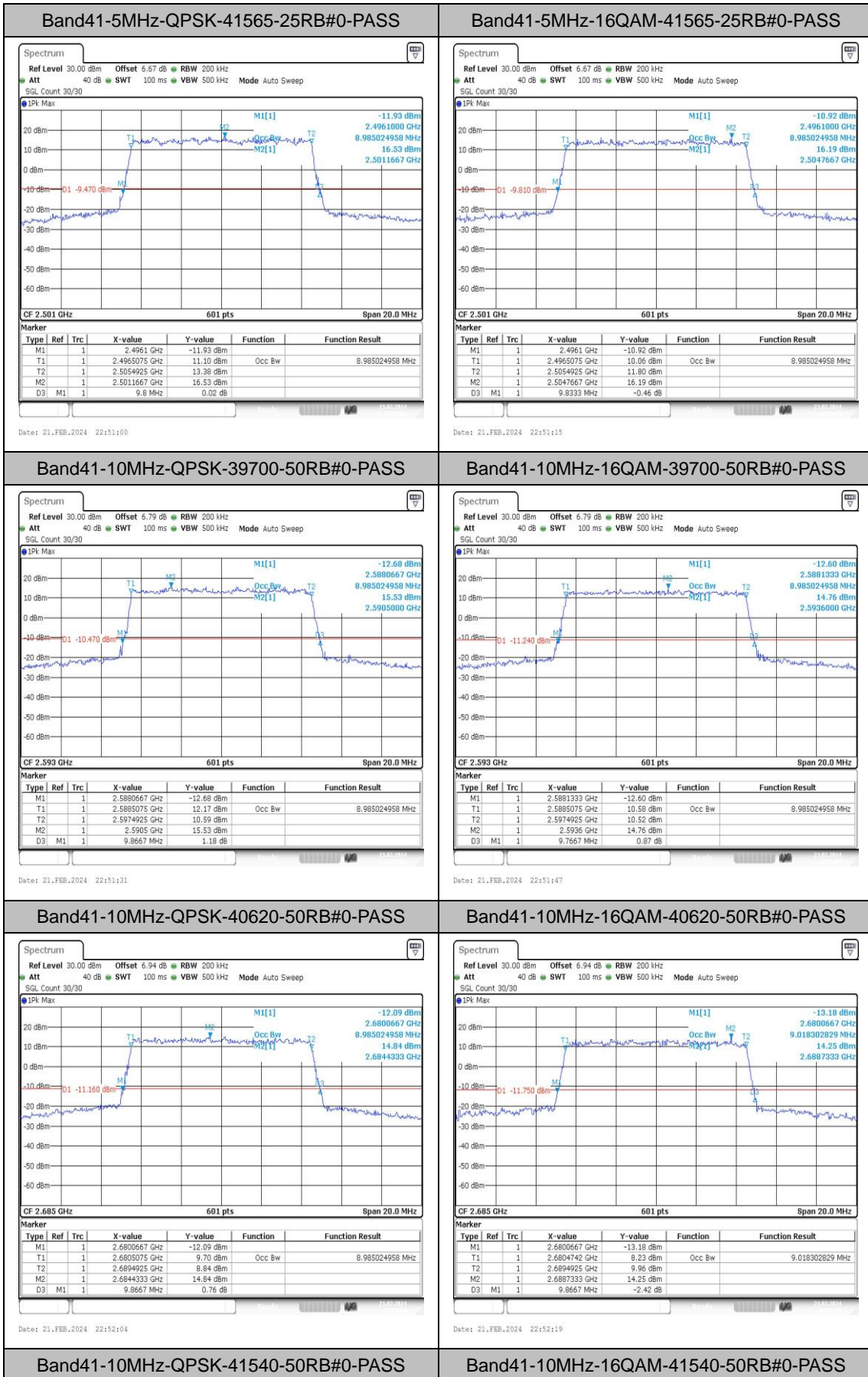
Appendix C: 26dB Bandwidth and Occupied Bandwidth

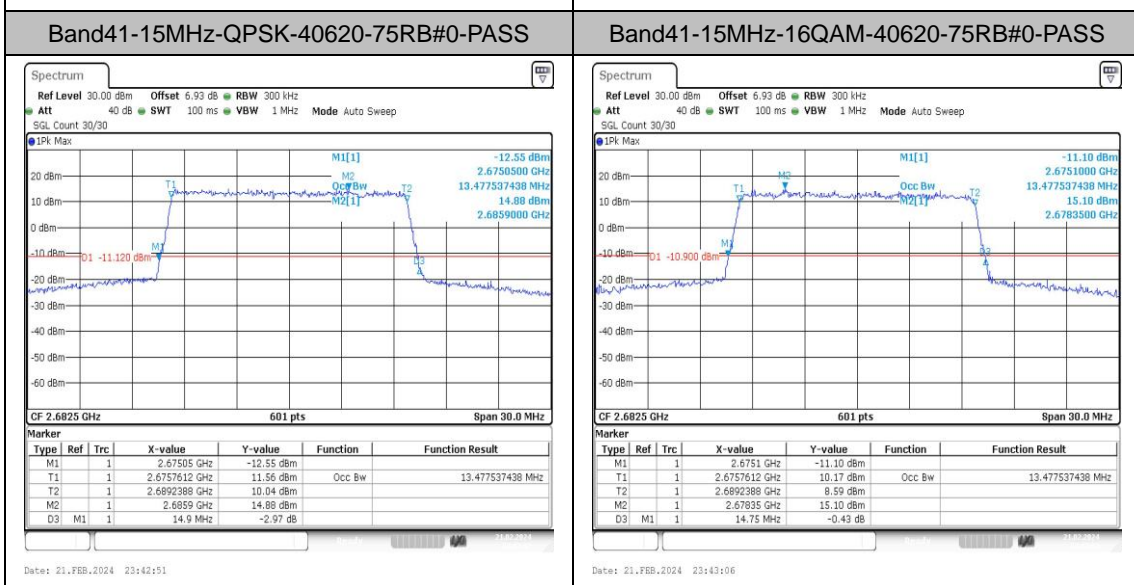
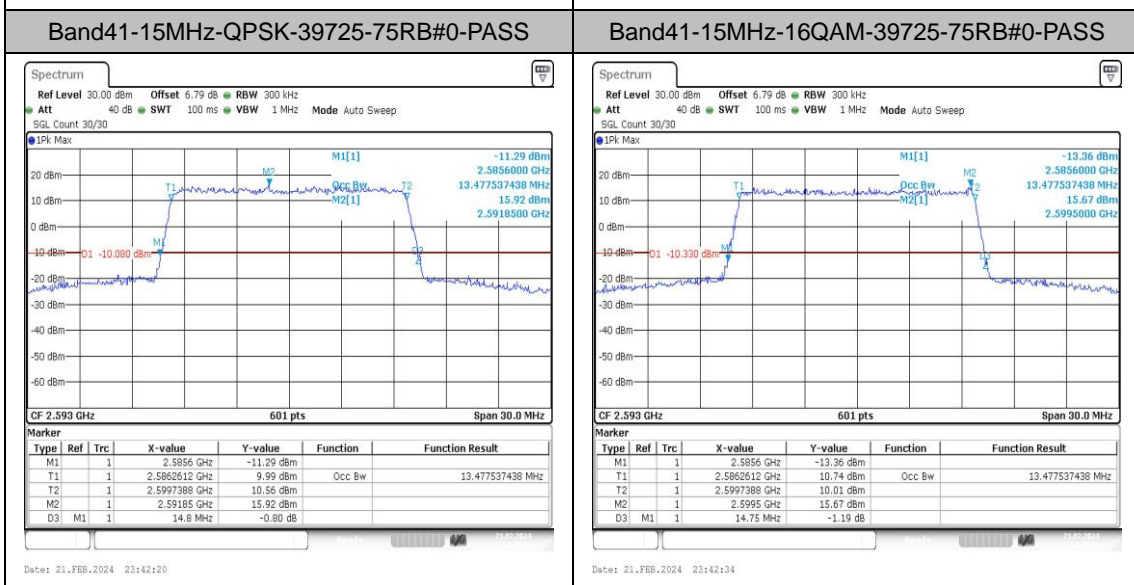
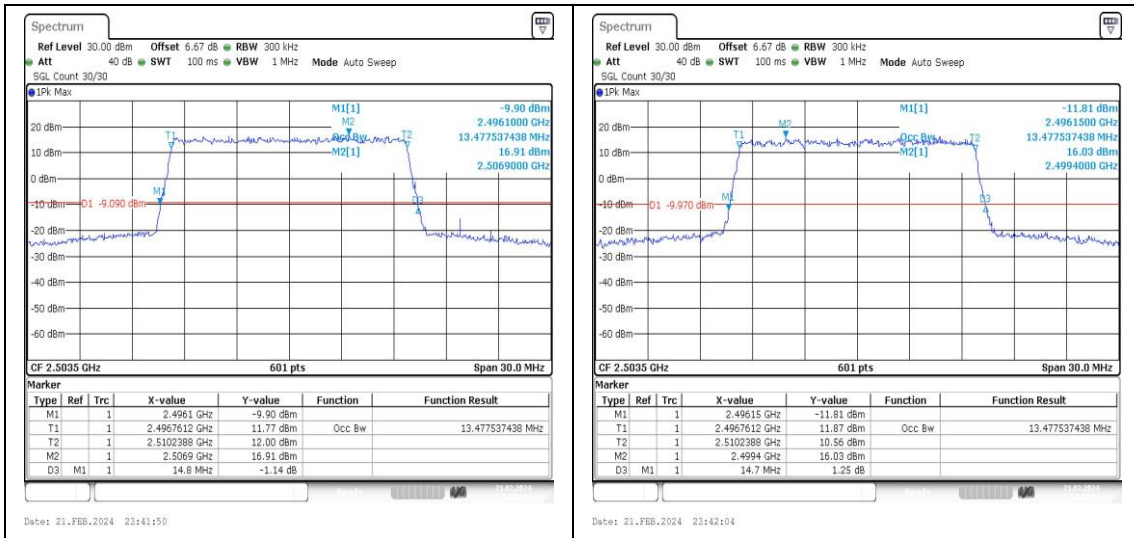
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.496	5.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.95	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.496	4.99	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.97	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.496	5.01	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.505	4.96	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.985	9.80	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.985	9.83	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.985	9.87	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.985	9.77	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.985	9.87	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.018	9.87	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.478	14.80	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.478	14.70	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	14.80	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	14.75	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	14.90	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	14.75	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.037	19.60	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.97	19.73	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.97	19.80	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.97	19.67	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.97	19.60	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.97	19.67	PASS

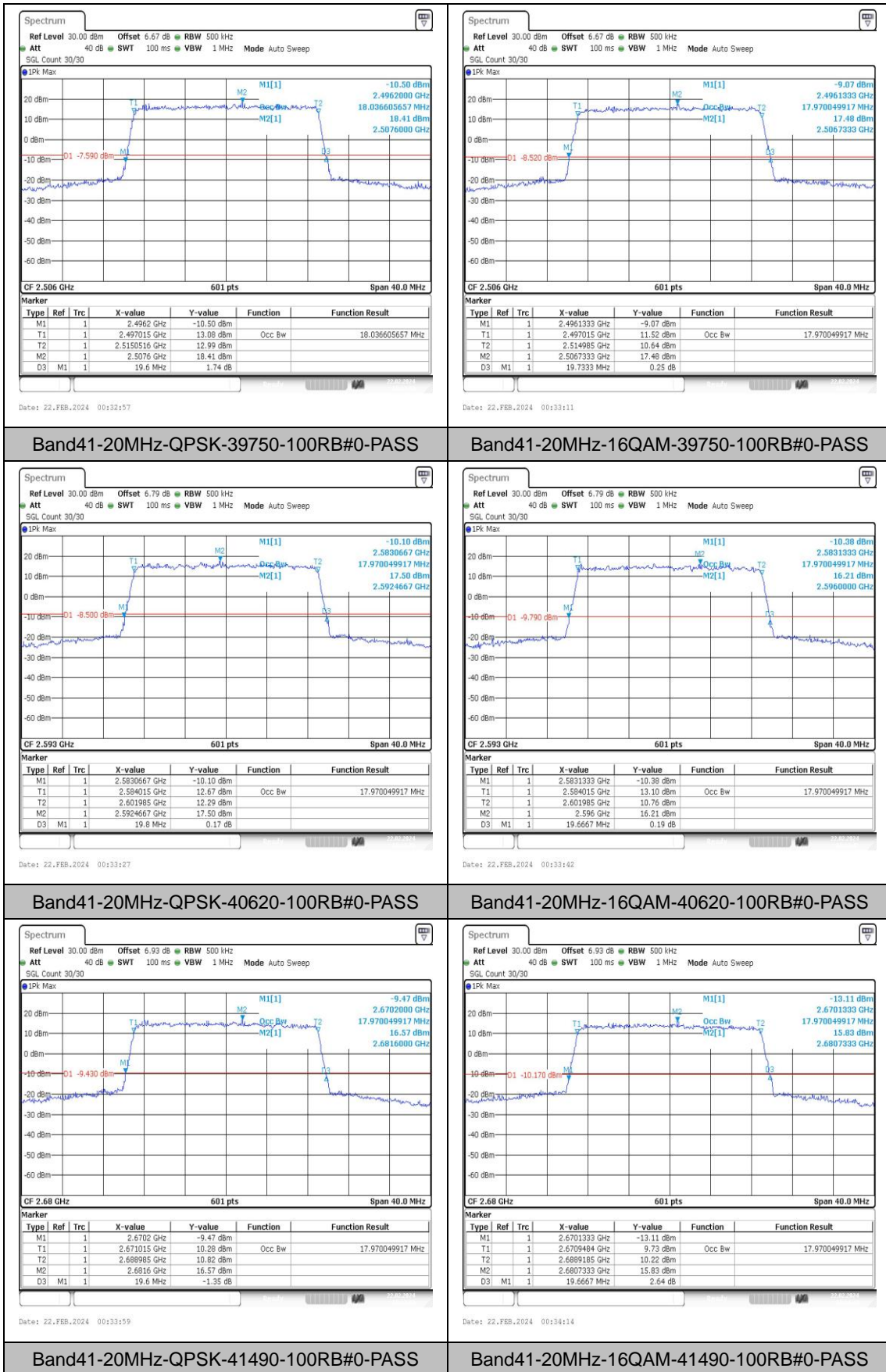
Test Graphs







Band41-15MHz-QPSK-41515-75RB#0-PASS **Band41-15MHz-16QAM-41515-75RB#0-PASS**



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-23.49	PASS
Band41	5MHz	16QAM	39675	1RB#0	-25.78	PASS
Band41	5MHz	QPSK	39675	1RB#24	-42.73	PASS
Band41	5MHz	16QAM	39675	1RB#24	-43.05	PASS
Band41	5MHz	QPSK	39675	25RB#0	-21.74	PASS
Band41	5MHz	16QAM	39675	25RB#0	-21.84	PASS
Band41	5MHz	QPSK	41565	1RB#0	-42.80	PASS
Band41	5MHz	16QAM	41565	1RB#0	-42.76	PASS
Band41	5MHz	QPSK	41565	1RB#24	-21.06	PASS
Band41	5MHz	16QAM	41565	1RB#24	-24.58	PASS
Band41	5MHz	QPSK	41565	25RB#0	-22.06	PASS
Band41	5MHz	16QAM	41565	25RB#0	-22.37	PASS
Band41	10MHz	QPSK	39700	1RB#0	-25.88	PASS
Band41	10MHz	16QAM	39700	1RB#0	-26.79	PASS
Band41	10MHz	QPSK	39700	1RB#49	-42.95	PASS
Band41	10MHz	16QAM	39700	1RB#49	-43.01	PASS
Band41	10MHz	QPSK	39700	50RB#0	-28.15	PASS
Band41	10MHz	16QAM	39700	50RB#0	-28.90	PASS
Band41	10MHz	QPSK	41540	1RB#0	-43.04	PASS
Band41	10MHz	16QAM	41540	1RB#0	-43.01	PASS
Band41	10MHz	QPSK	41540	1RB#49	-42.47	PASS
Band41	10MHz	16QAM	41540	1RB#49	-42.36	PASS
Band41	10MHz	QPSK	41540	50RB#0	-23.57	PASS
Band41	10MHz	16QAM	41540	50RB#0	-24.20	PASS
Band41	15MHz	QPSK	39725	1RB#0	-40.92	PASS
Band41	15MHz	16QAM	39725	1RB#0	-41.09	PASS
Band41	15MHz	QPSK	39725	1RB#74	-40.60	PASS
Band41	15MHz	16QAM	39725	1RB#74	-43.49	PASS
Band41	15MHz	QPSK	39725	75RB#0	-27.34	PASS
Band41	15MHz	16QAM	39725	75RB#0	-27.81	PASS
Band41	15MHz	QPSK	41515	1RB#0	-42.92	PASS
Band41	15MHz	16QAM	41515	1RB#0	-43.01	PASS
Band41	15MHz	QPSK	41515	1RB#74	-42.76	PASS
Band41	15MHz	16QAM	41515	1RB#74	-42.74	PASS
Band41	15MHz	QPSK	41515	75RB#0	-24.27	PASS
Band41	15MHz	16QAM	41515	75RB#0	-25.02	PASS

Band41	20MHz	QPSK	39750	1RB#0	-41.16	PASS
Band41	20MHz	16QAM	39750	1RB#0	-41.27	PASS
Band41	20MHz	QPSK	39750	1RB#99	-43.35	PASS
Band41	20MHz	16QAM	39750	1RB#99	-43.58	PASS
Band41	20MHz	QPSK	39750	100RB#0	-29.40	PASS
Band41	20MHz	16QAM	39750	100RB#0	-29.60	PASS
Band41	20MHz	QPSK	41490	1RB#0	-43.02	PASS
Band41	20MHz	16QAM	41490	1RB#0	-42.98	PASS
Band41	20MHz	QPSK	41490	1RB#99	-42.99	PASS
Band41	20MHz	16QAM	41490	1RB#99	-26.89	PASS
Band41	20MHz	QPSK	41490	100RB#0	-25.35	PASS
Band41	20MHz	16QAM	41490	100RB#0	-29.65	PASS

Test Graphs

