

Appendix for LTE BAND 41

Product Name: HTC Smartphone
Model No: Wildfire E7

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.16	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.32	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.12	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.75	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.19	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.54	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.37	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.66	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.33	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.76	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.54	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.38	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.63	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.37	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.54	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.70	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.28	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.45	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.55	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.40	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.45	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.53	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.83	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.45	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.51	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.53	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.45	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.48	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.62	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.05	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.64	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.70	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.73	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.63	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.67	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.61	PASS

Band41	5MHz	16QAM	41565	1RB#12	22.01	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.61	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.59	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.62	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.59	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.63	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.39	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.03	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.57	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.06	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.83	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.66	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.09	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.57	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.68	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.52	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.52	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.38	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.25	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.79	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.47	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.61	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.41	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.55	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.50	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.46	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.50	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.41	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.49	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.31	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.63	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.52	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.49	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.51	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.61	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.82	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.64	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.72	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.74	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.68	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.71	PASS

Band41	10MHz	16QAM	41540	1RB#0	21.80	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.93	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.80	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.75	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.71	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.72	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.67	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.47	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.59	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.85	PASS
Band41	15MHz	QPSK	39725	38RB#0	22.60	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.90	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.61	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.43	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.09	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.08	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.87	PASS
Band41	15MHz	16QAM	39725	38RB#0	22.45	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.00	PASS
Band41	15MHz	16QAM	39725	38RB#37	22.46	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.99	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.53	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.58	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.42	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.60	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.61	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.57	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.57	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.30	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.44	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.21	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.56	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.56	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.57	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.58	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.47	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.67	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.49	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.64	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.69	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.63	PASS

Band41	15MHz	QPSK	41515	75RB#0	21.64	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.41	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.56	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.40	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.65	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.68	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.65	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.61	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.80	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.63	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.07	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.89	PASS
Band41	20MHz	QPSK	39750	50RB#25	22.60	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.36	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.45	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.70	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.98	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.56	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.48	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.13	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.86	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.99	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.26	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.72	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.15	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.61	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.59	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.47	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.54	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.89	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.67	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.74	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.66	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.65	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.52	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.58	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.41	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.81	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.43	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.62	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.67	PASS

Band41	20MHz	QPSK	41490	50RB#50	21.62	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.61	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.06	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.81	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.06	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.60	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.63	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.60	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.61	PASS

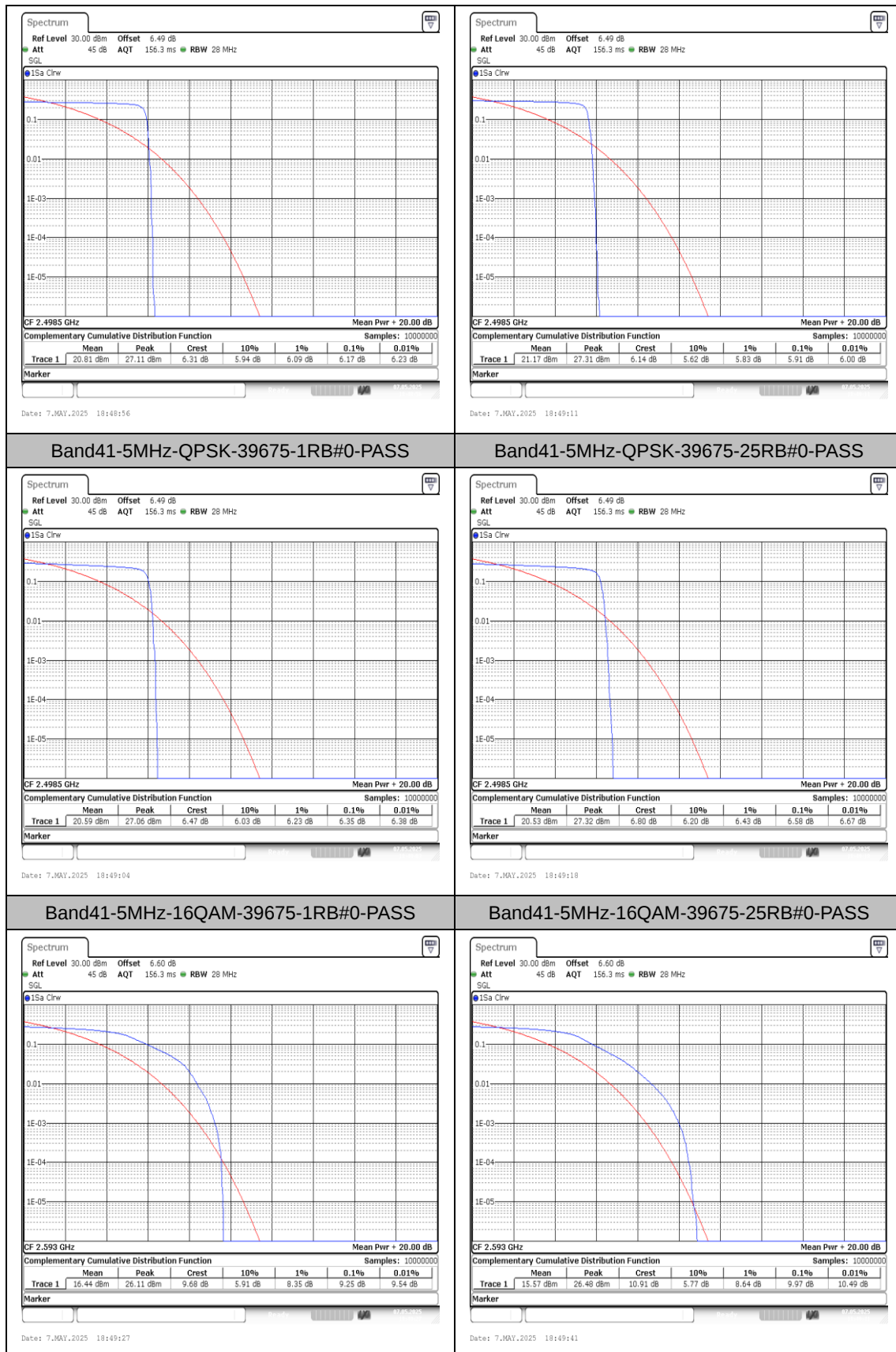
Appendix B: Peak-to-Average Ratio(CCDF)

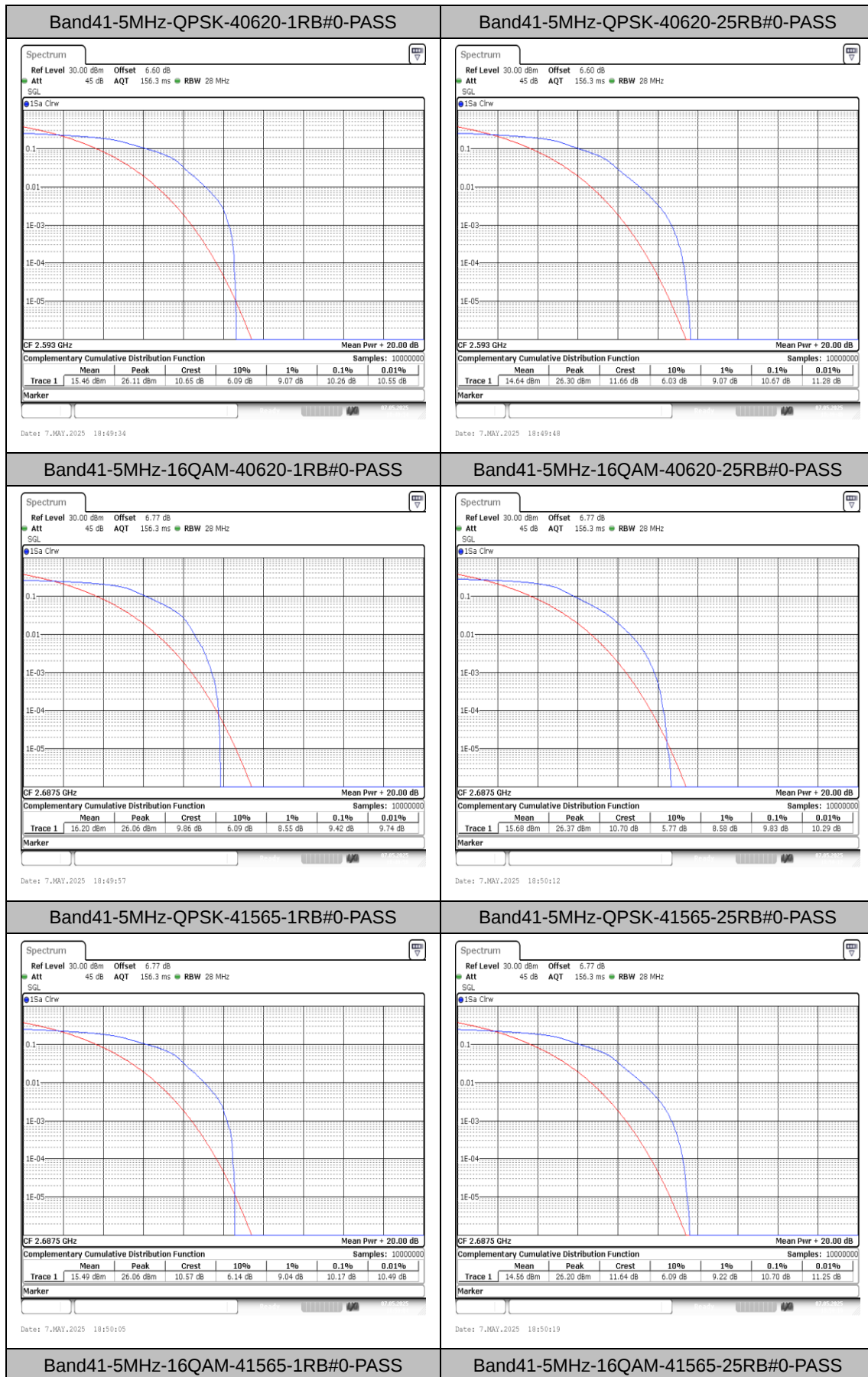
Test Result

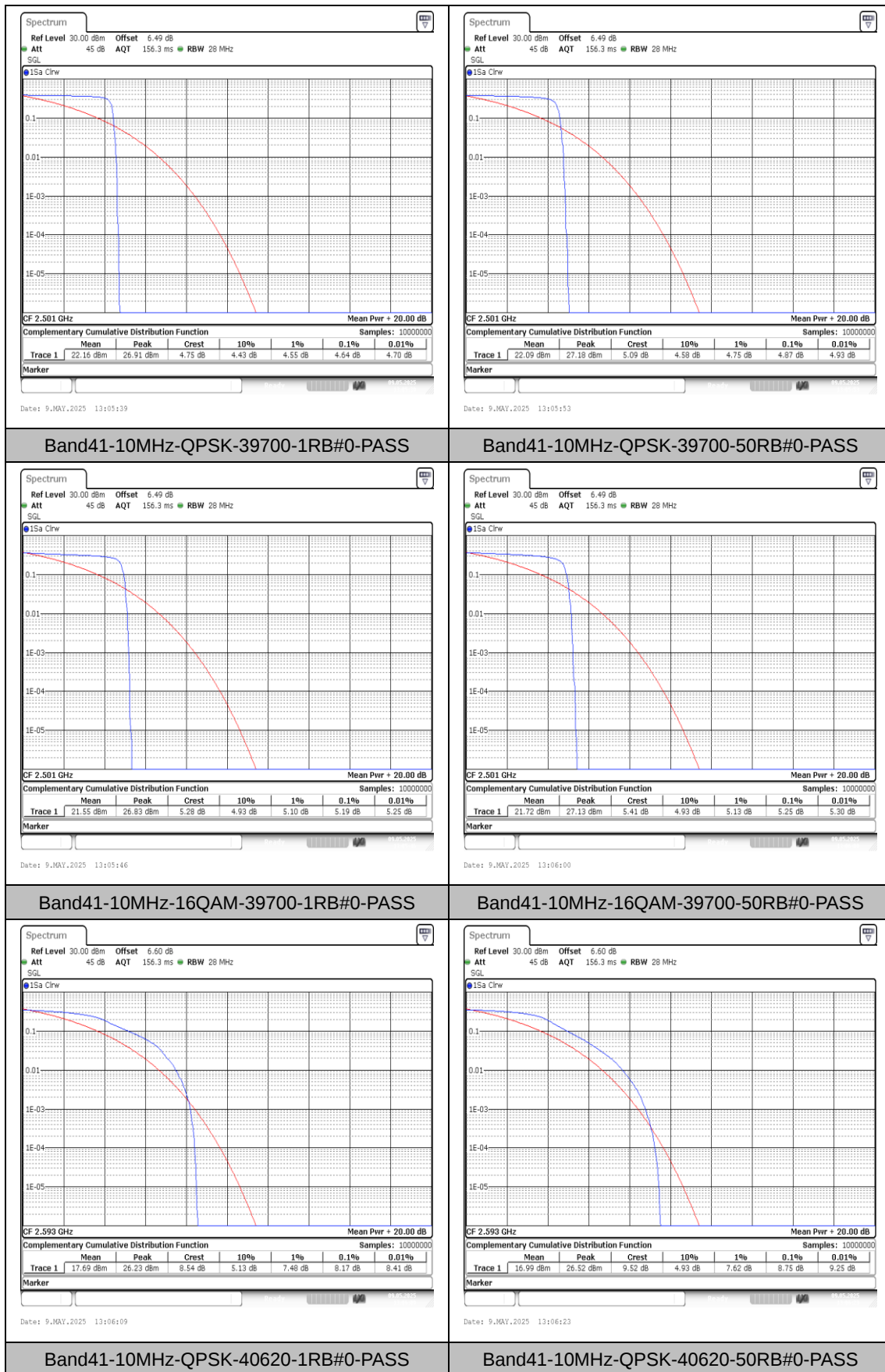
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	6.17	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.91	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	6.35	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.58	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	9.25	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.97	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	10.26	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	10.67	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	9.42	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.83	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	10.17	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	10.70	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.64	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.87	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.19	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.25	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.17	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.75	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.13	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.59	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.09	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.70	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.99	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.51	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.67	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.10	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.10	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	5.57	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.38	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.04	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.16	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.77	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.09	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	8.96	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.90	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.65	13	PASS

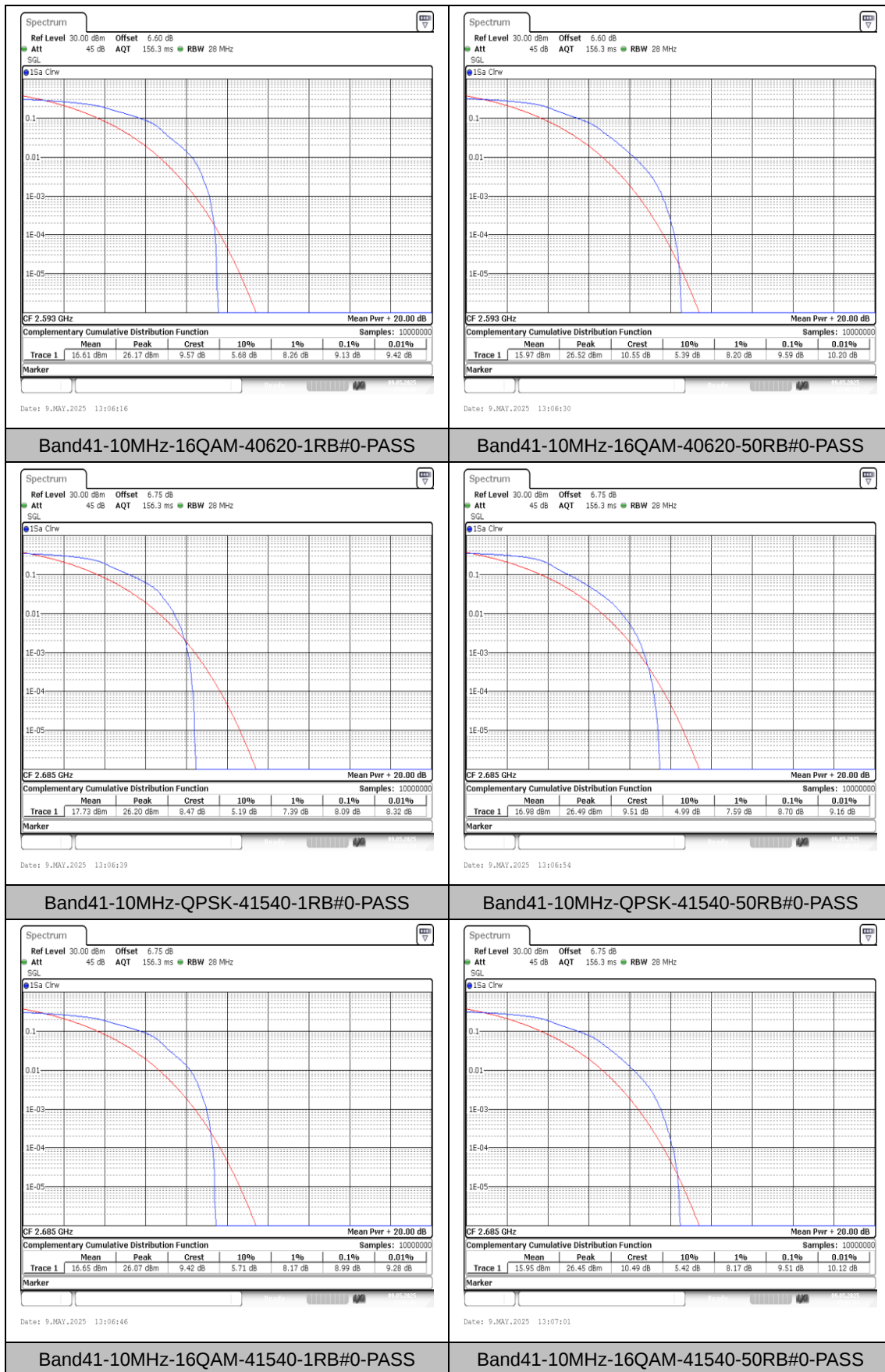
Band41	20MHz	QPSK	39750	1RB#0	4.64	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.45	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.01	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.83	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.23	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.84	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.01	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.59	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.80	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.72	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.64	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.57	13	PASS

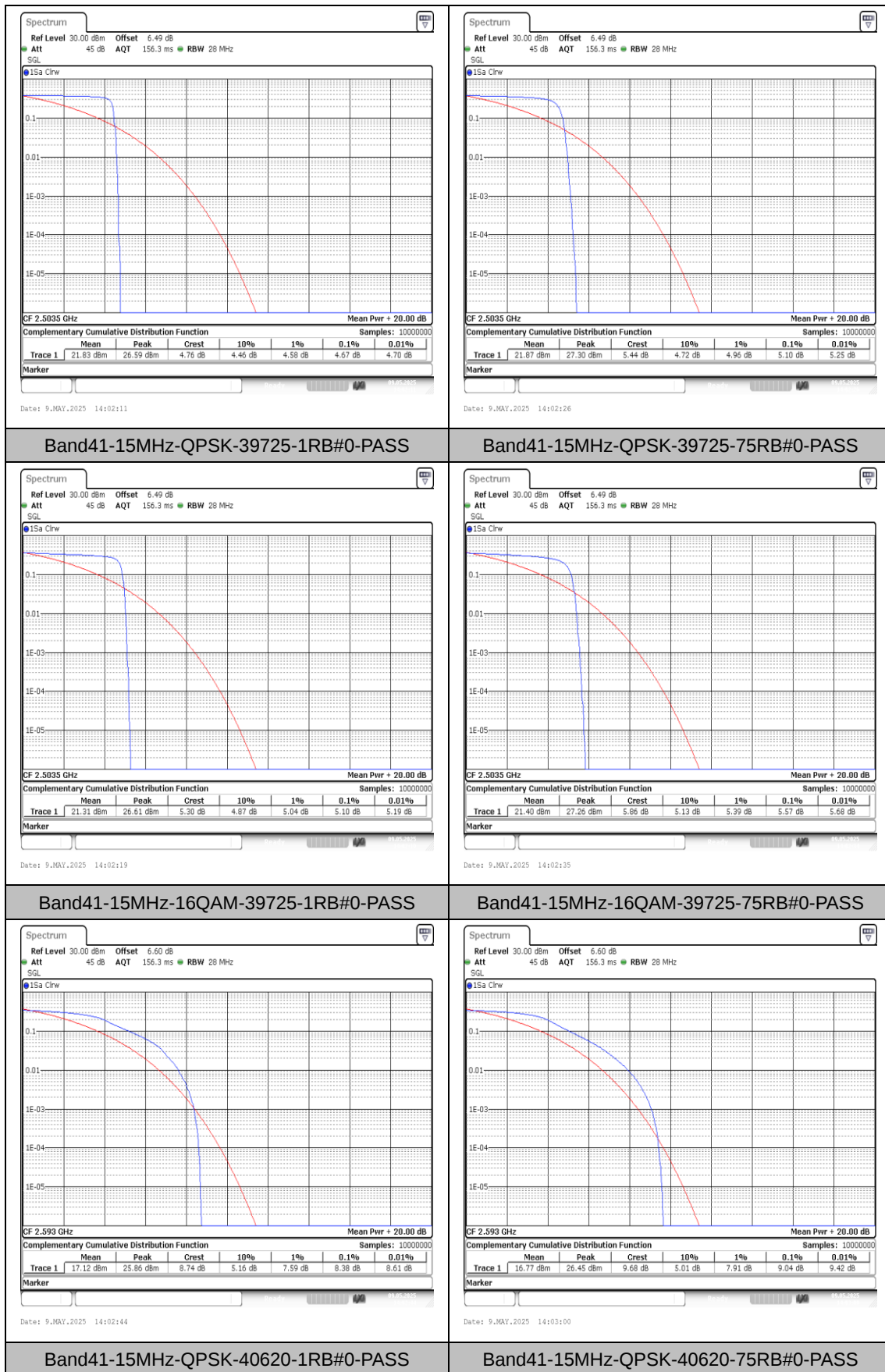
Test Graphs

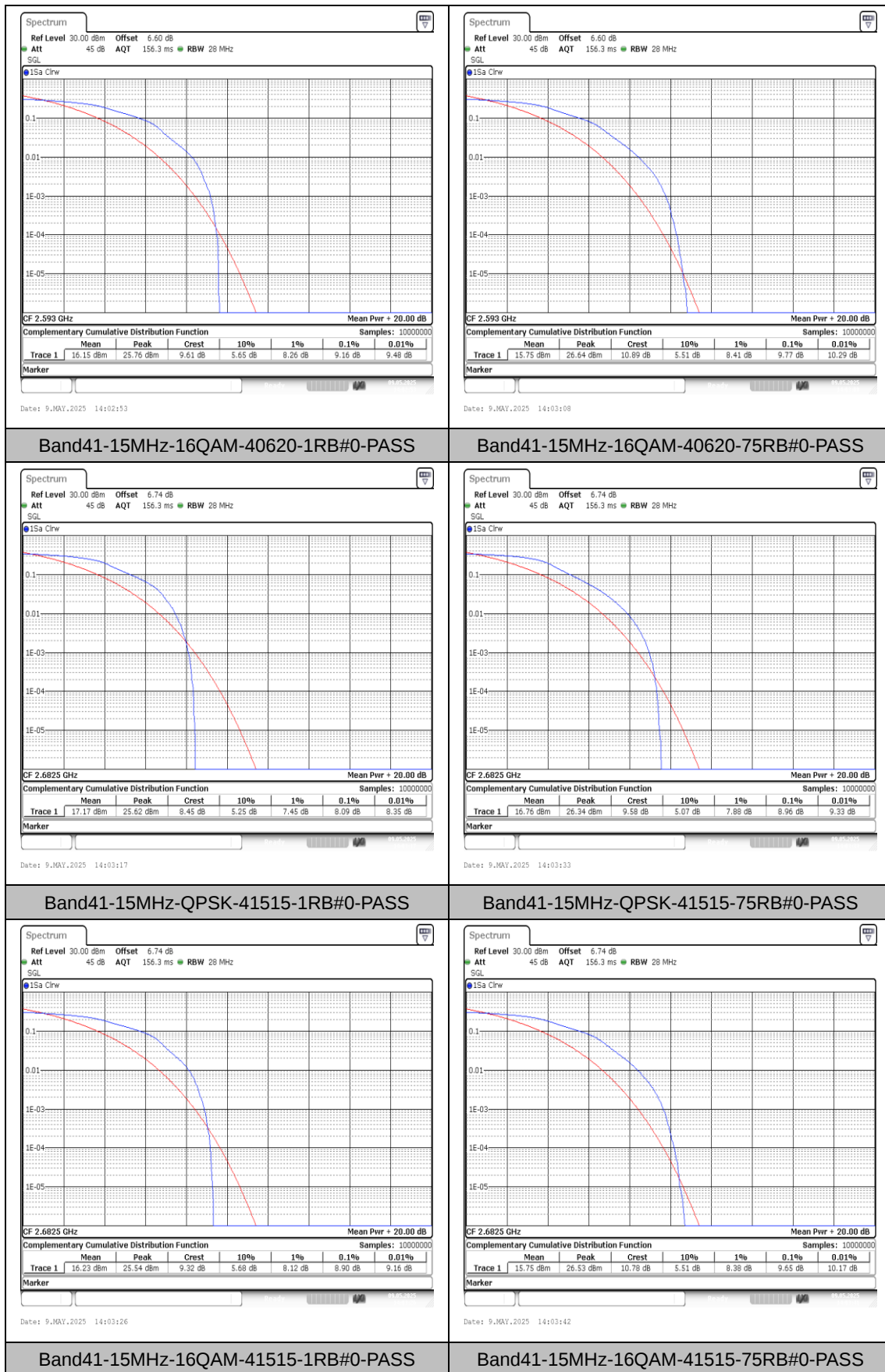


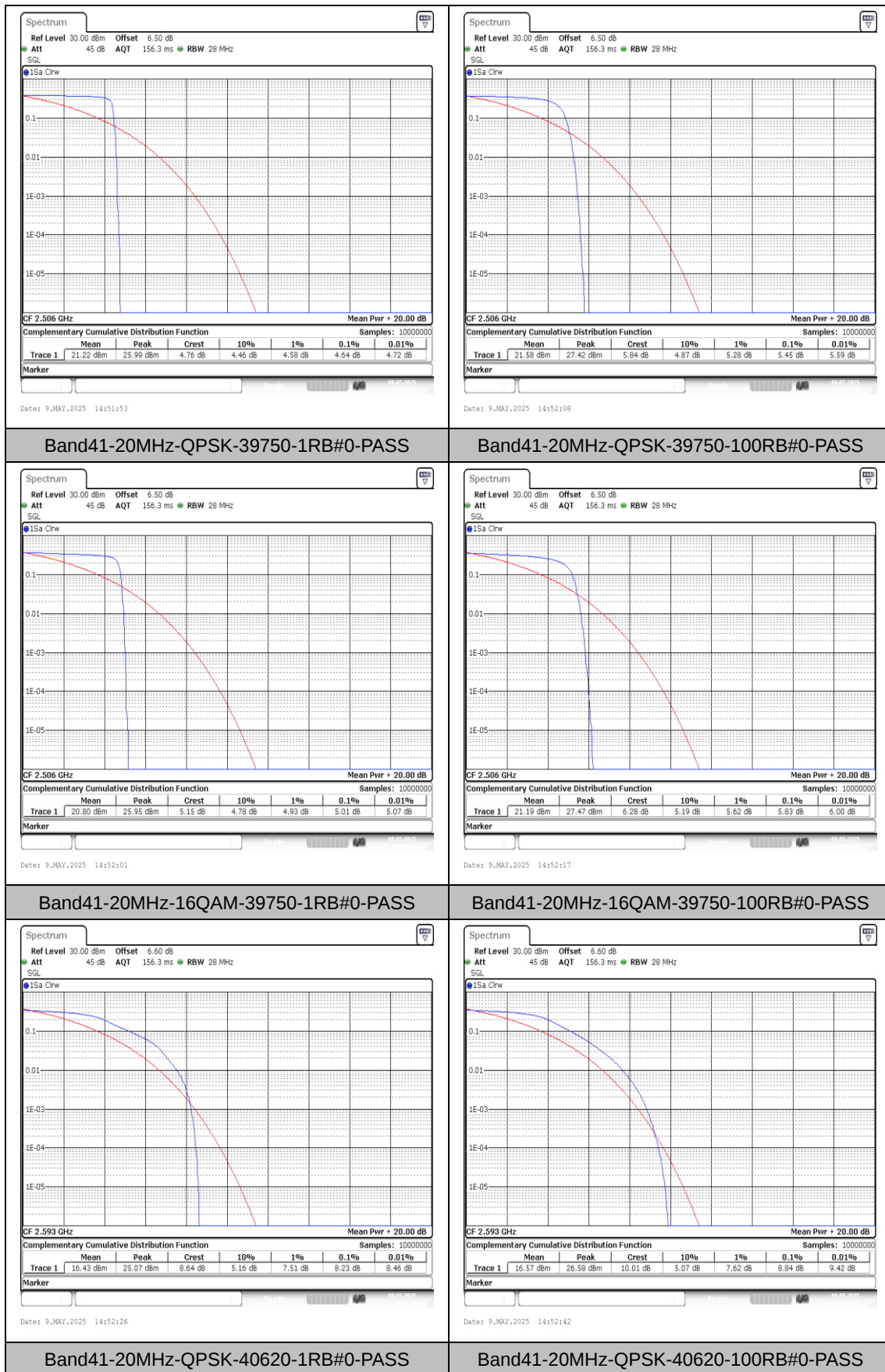


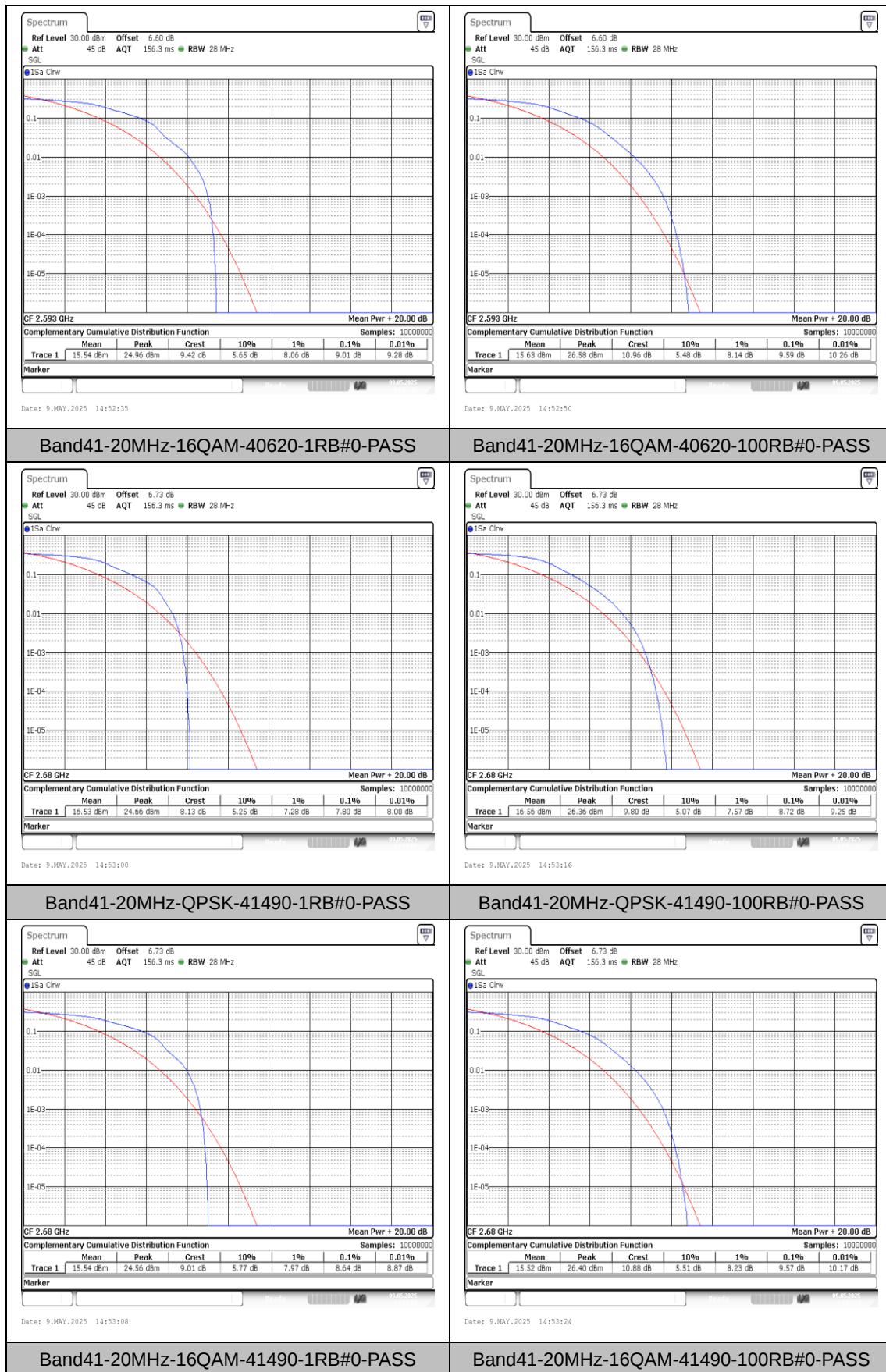










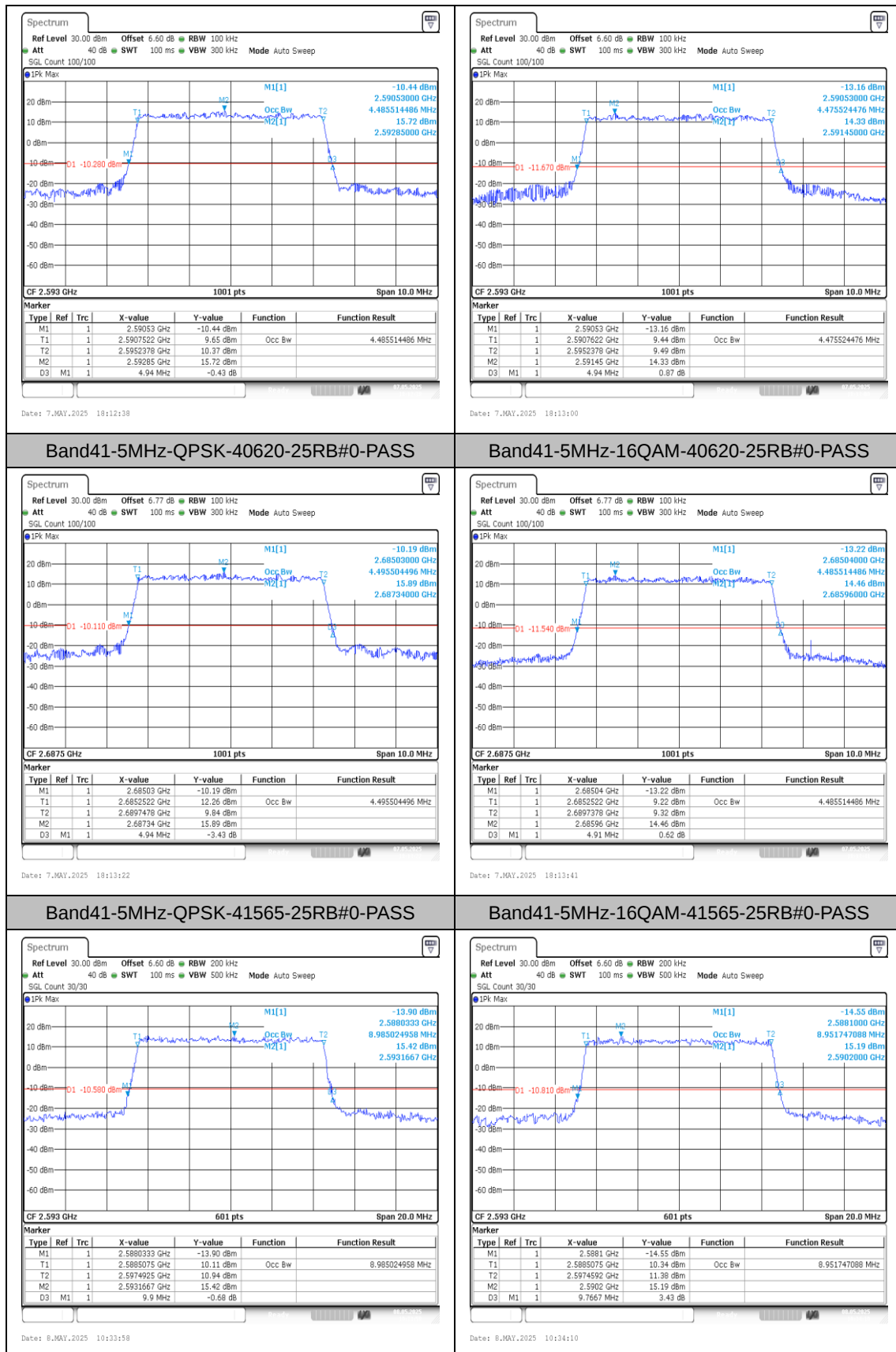


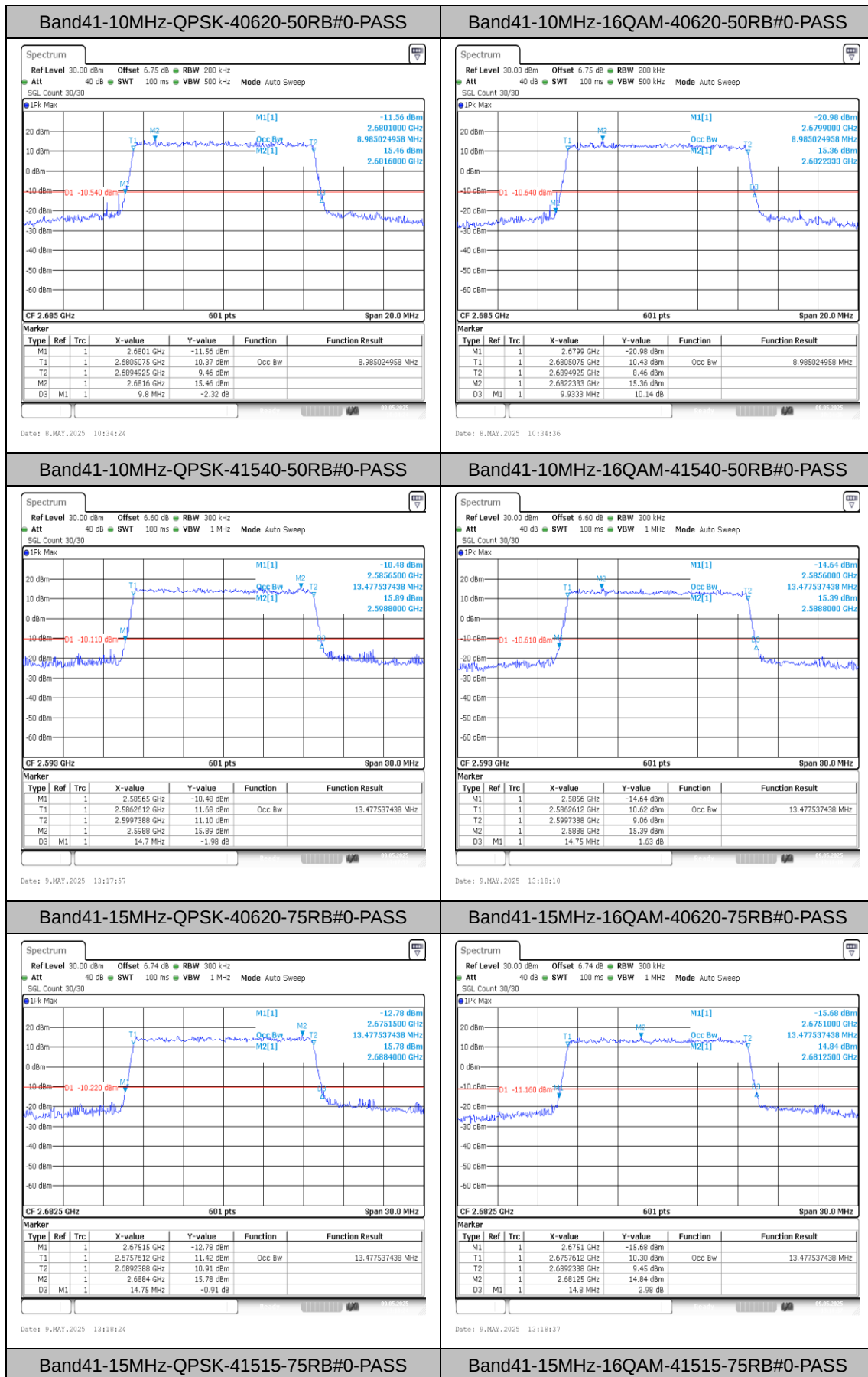
Appendix C: 26dB Bandwidth and Occupied Bandwidth

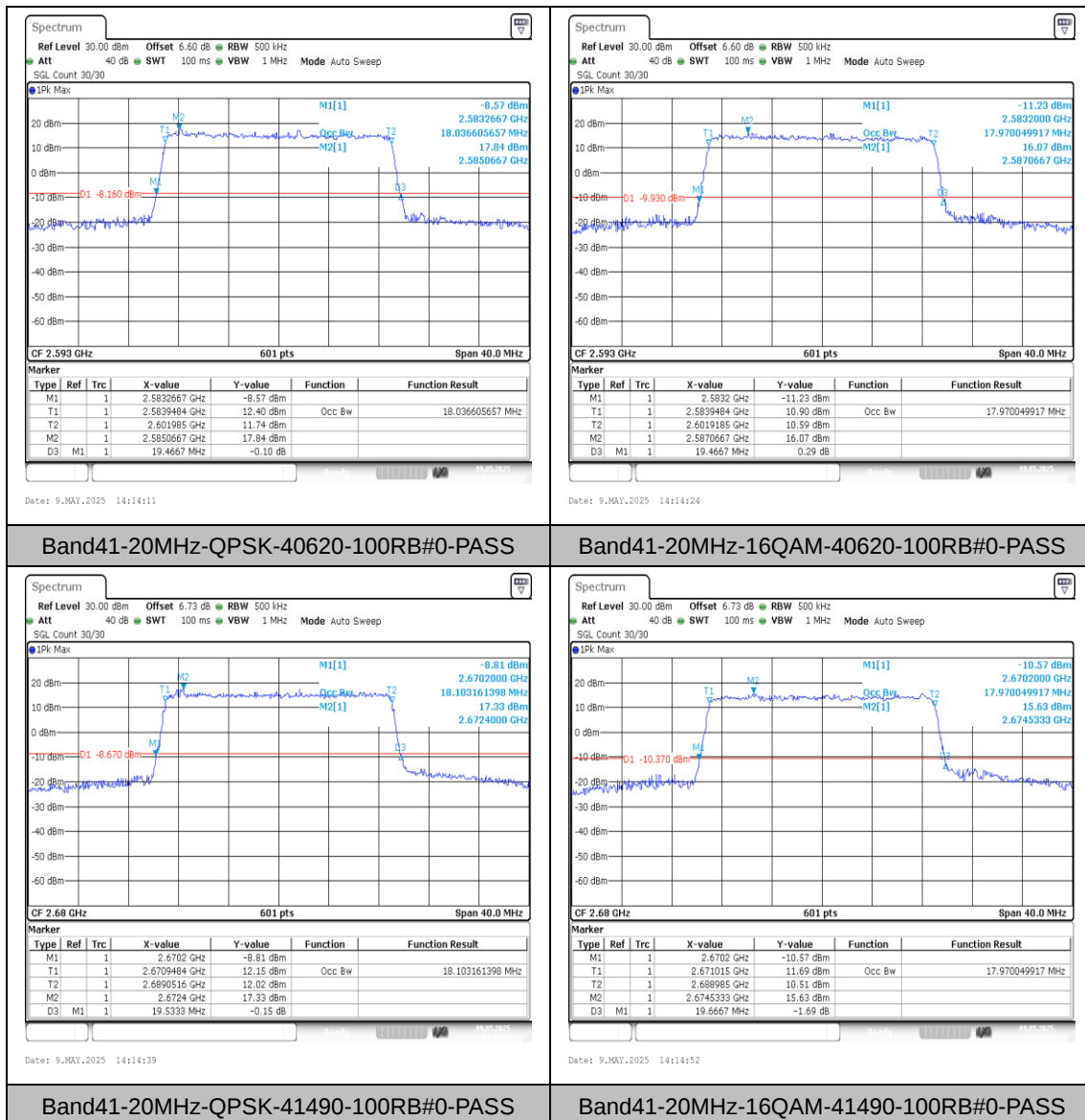
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	4.486	4.94	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.476	4.94	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.496	4.94	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.486	4.91	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.985	9.90	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.952	9.77	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.985	9.80	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.985	9.93	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	14.70	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	14.75	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	14.75	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	14.80	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.037	19.47	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.97	19.47	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.103	19.53	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.97	19.67	PASS

Test Graphs







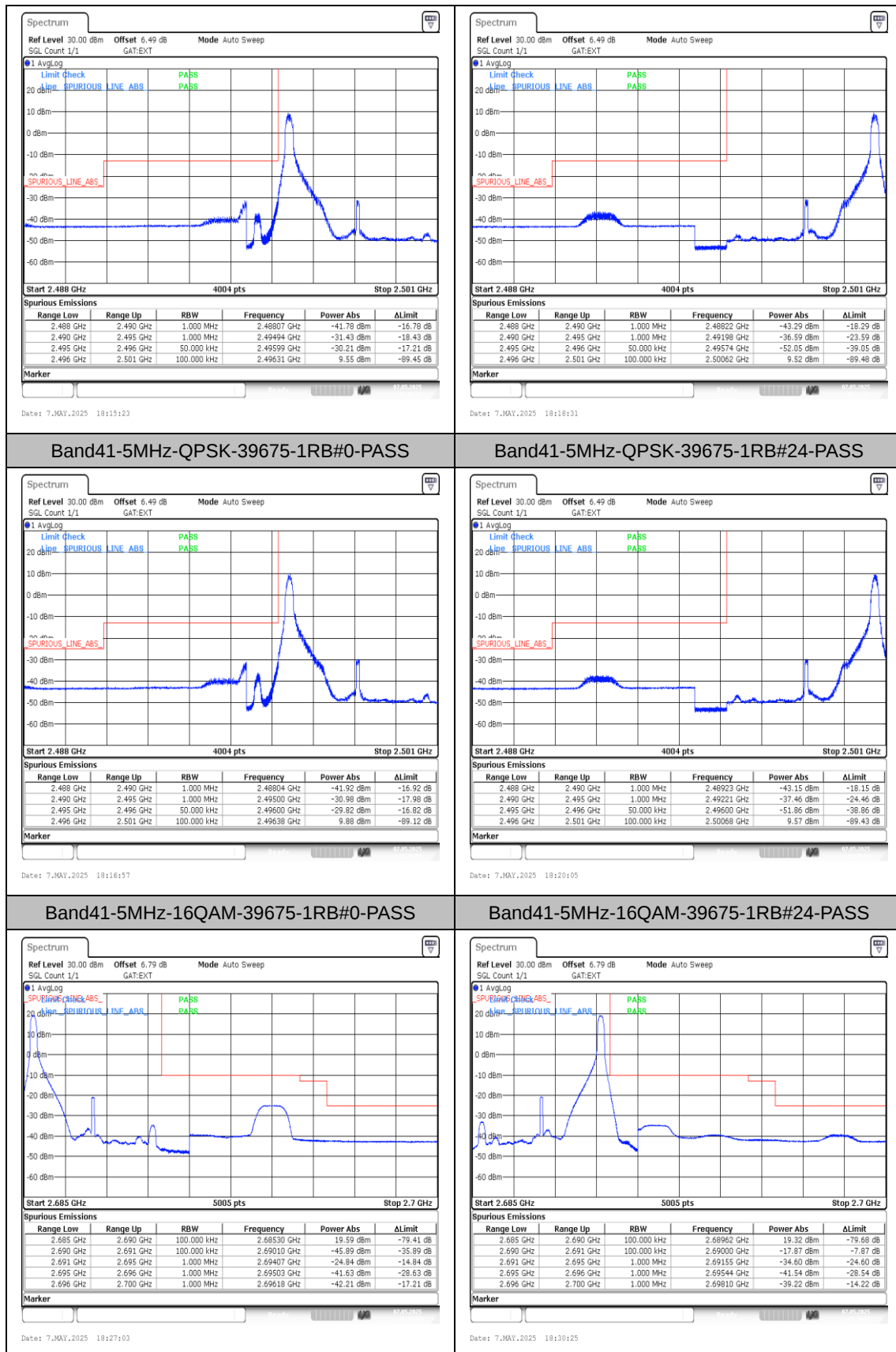
Appendix D: Band Edge

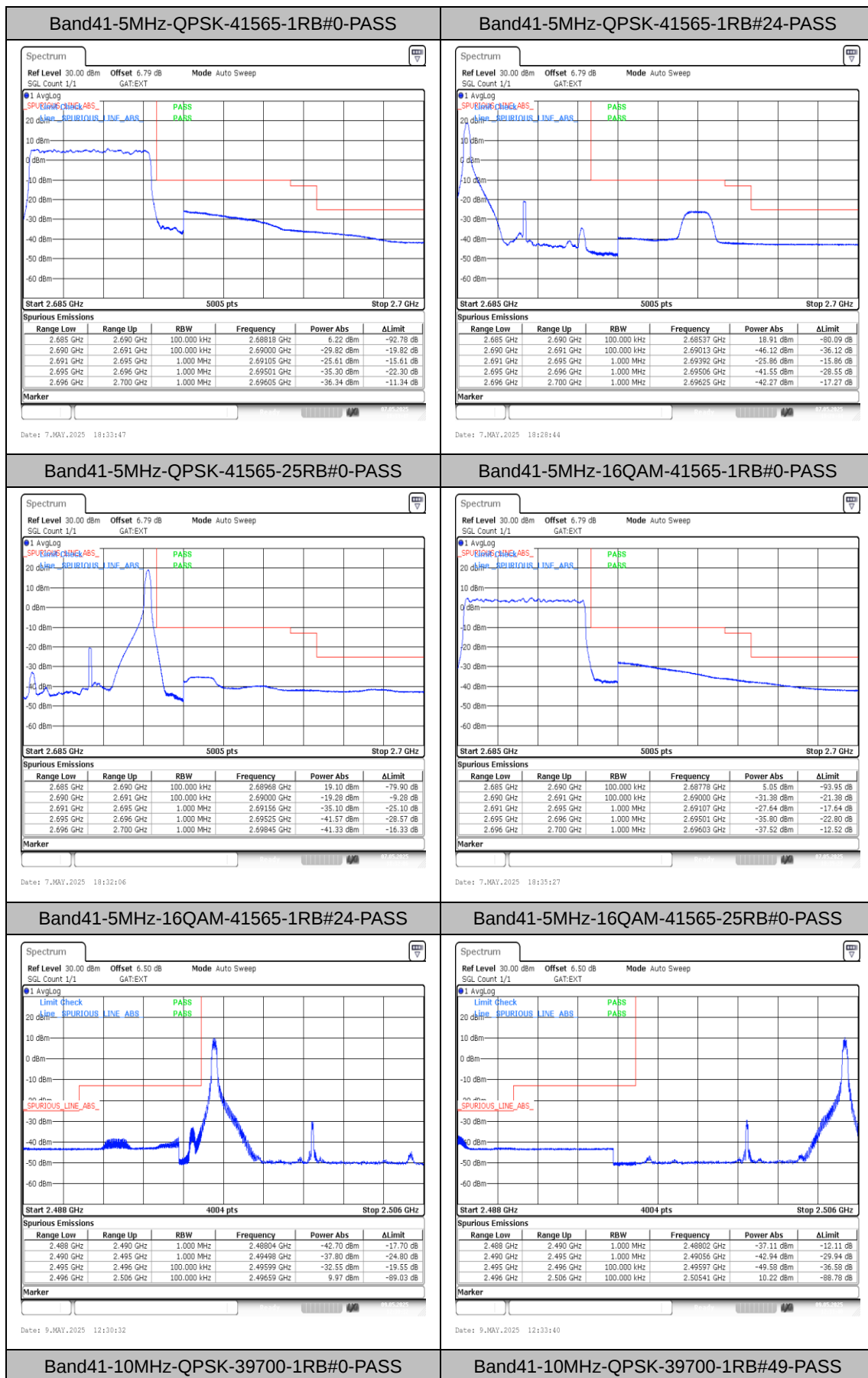
Test Result

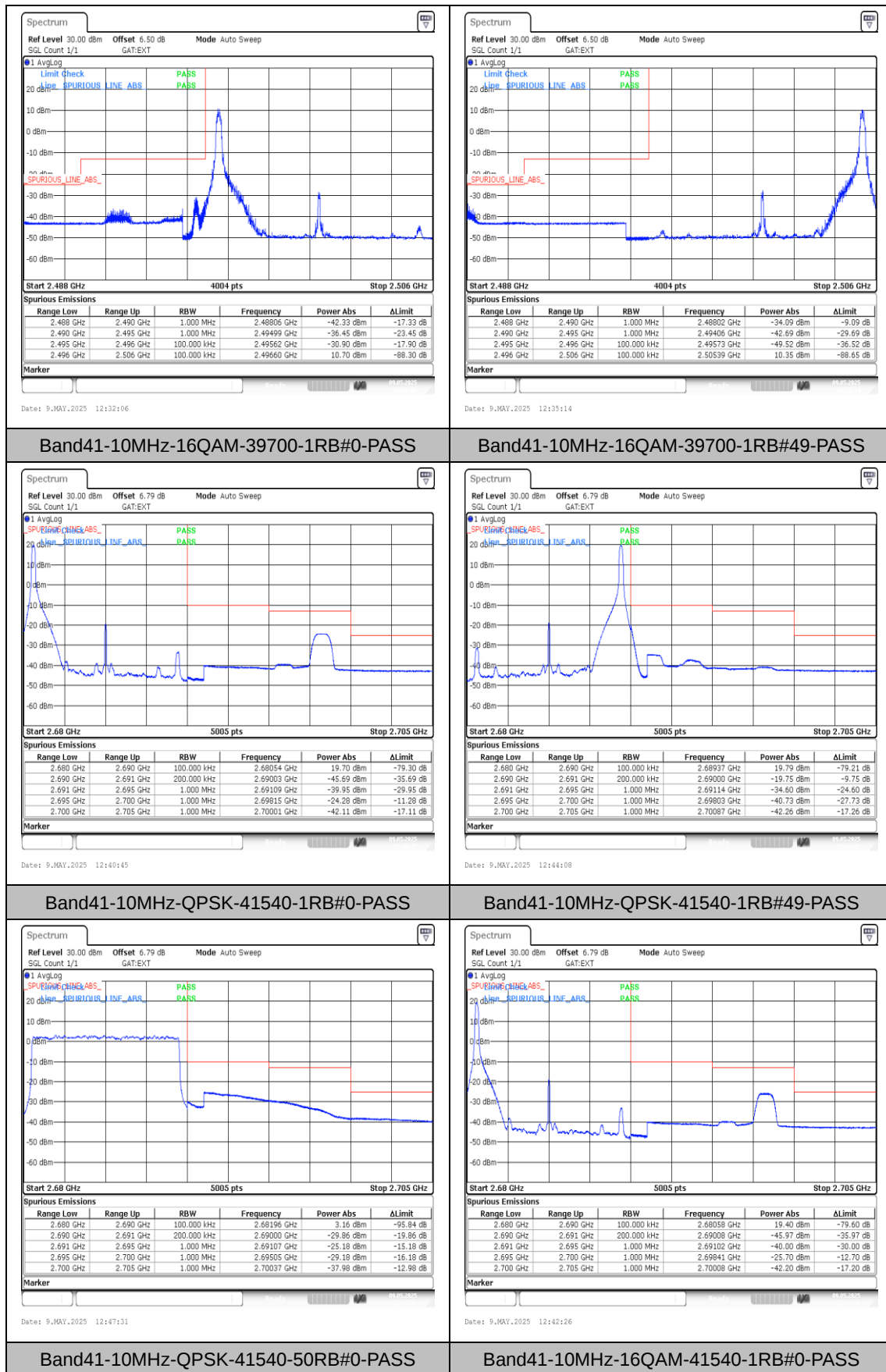
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-41.78	PASS
Band41	5MHz	QPSK	39675	1RB#24	-43.29	PASS
Band41	5MHz	16QAM	39675	1RB#0	-29.82	PASS
Band41	5MHz	16QAM	39675	1RB#24	-43.15	PASS
Band41	5MHz	QPSK	41565	1RB#0	-24.84	PASS
Band41	5MHz	QPSK	41565	1RB#24	-17.87	PASS
Band41	5MHz	QPSK	41565	25RB#0	-36.34	PASS
Band41	5MHz	16QAM	41565	1RB#0	-25.86	PASS
Band41	5MHz	16QAM	41565	1RB#24	-19.28	PASS
Band41	5MHz	16QAM	41565	25RB#0	-37.52	PASS
Band41	10MHz	QPSK	39700	1RB#0	-42.70	PASS
Band41	10MHz	QPSK	39700	1RB#49	-37.11	PASS
Band41	10MHz	16QAM	39700	1RB#0	-42.33	PASS
Band41	10MHz	16QAM	39700	1RB#49	-34.09	PASS
Band41	10MHz	QPSK	41540	1RB#0	-24.28	PASS
Band41	10MHz	QPSK	41540	1RB#49	-19.75	PASS
Band41	10MHz	QPSK	41540	50RB#0	-37.98	PASS
Band41	10MHz	16QAM	41540	1RB#0	-25.70	PASS
Band41	10MHz	16QAM	41540	1RB#49	-21.30	PASS
Band41	10MHz	16QAM	41540	50RB#0	-37.83	PASS
Band41	15MHz	QPSK	39725	1RB#0	-38.93	PASS
Band41	15MHz	QPSK	39725	1RB#74	-42.81	PASS
Band41	15MHz	16QAM	39725	1RB#0	-37.13	PASS
Band41	15MHz	16QAM	39725	1RB#74	-42.96	PASS
Band41	15MHz	QPSK	41515	1RB#0	-23.62	PASS
Band41	15MHz	QPSK	41515	1RB#74	-21.12	PASS
Band41	15MHz	QPSK	41515	75RB#0	-36.71	PASS
Band41	15MHz	16QAM	41515	1RB#0	-25.31	PASS
Band41	15MHz	16QAM	41515	1RB#74	-23.55	PASS
Band41	15MHz	16QAM	41515	75RB#0	-38.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	-39.28	PASS
Band41	20MHz	QPSK	39750	1RB#99	-42.99	PASS
Band41	20MHz	16QAM	39750	1RB#0	-37.19	PASS
Band41	20MHz	16QAM	39750	1RB#99	-42.94	PASS
Band41	20MHz	QPSK	41490	1RB#0	-24.71	PASS

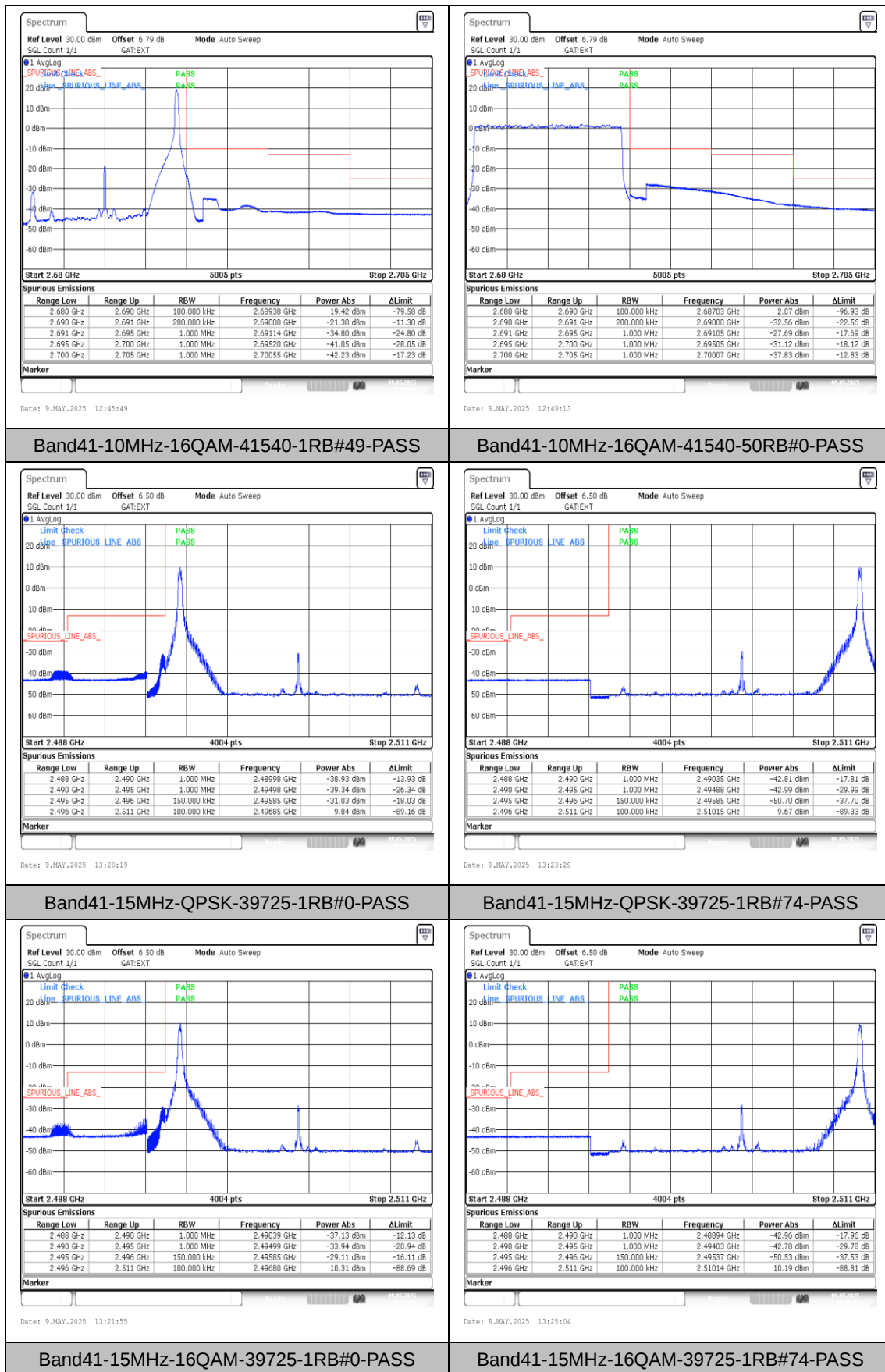
Band41	20MHz	QPSK	41490	1RB#99	-23.54	PASS
Band41	20MHz	QPSK	41490	100RB#0	-26.61	PASS
Band41	20MHz	16QAM	41490	1RB#0	-25.86	PASS
Band41	20MHz	16QAM	41490	1RB#99	-23.09	PASS
Band41	20MHz	16QAM	41490	100RB#0	-39.88	PASS

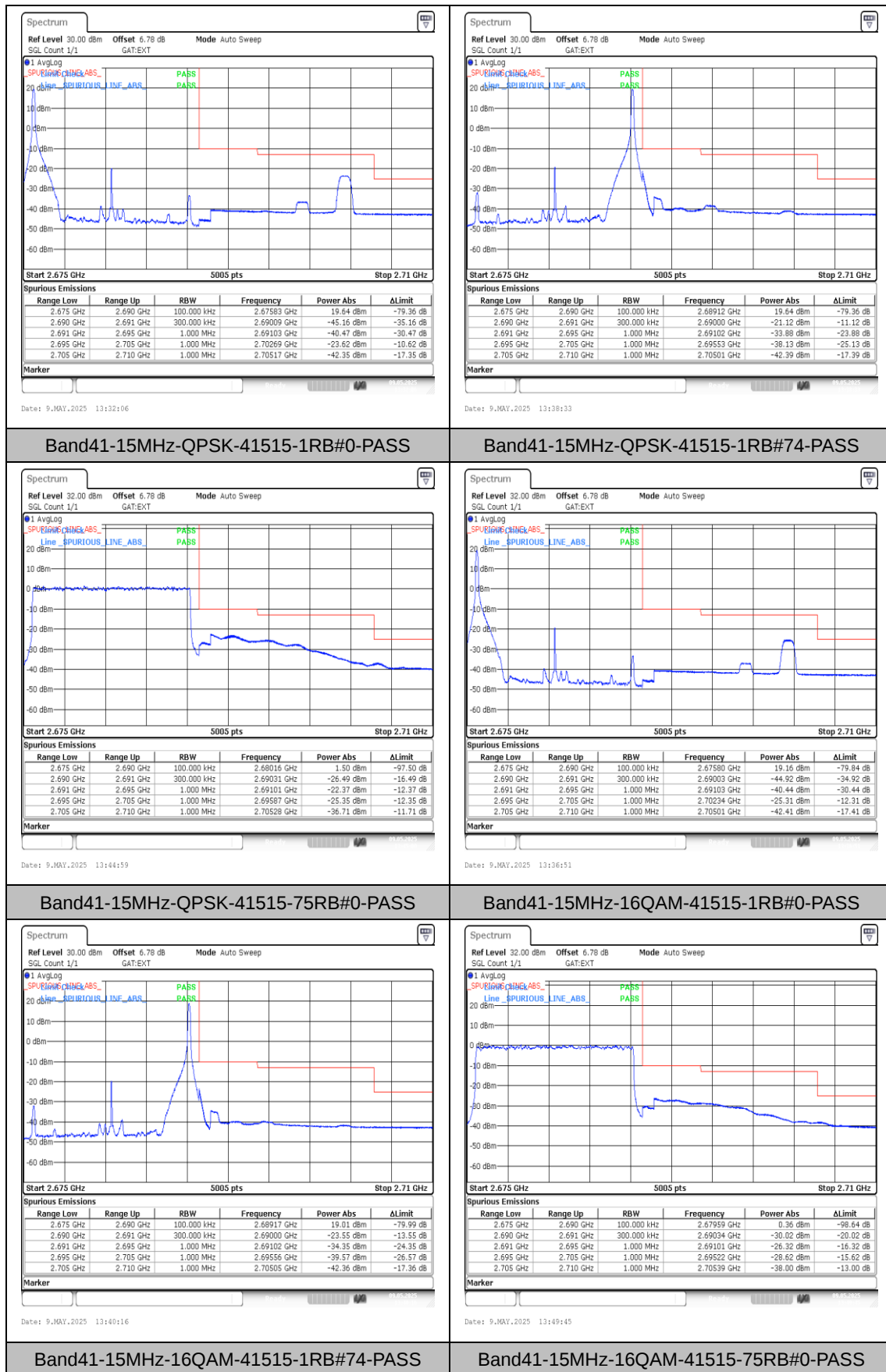
Test Graphs

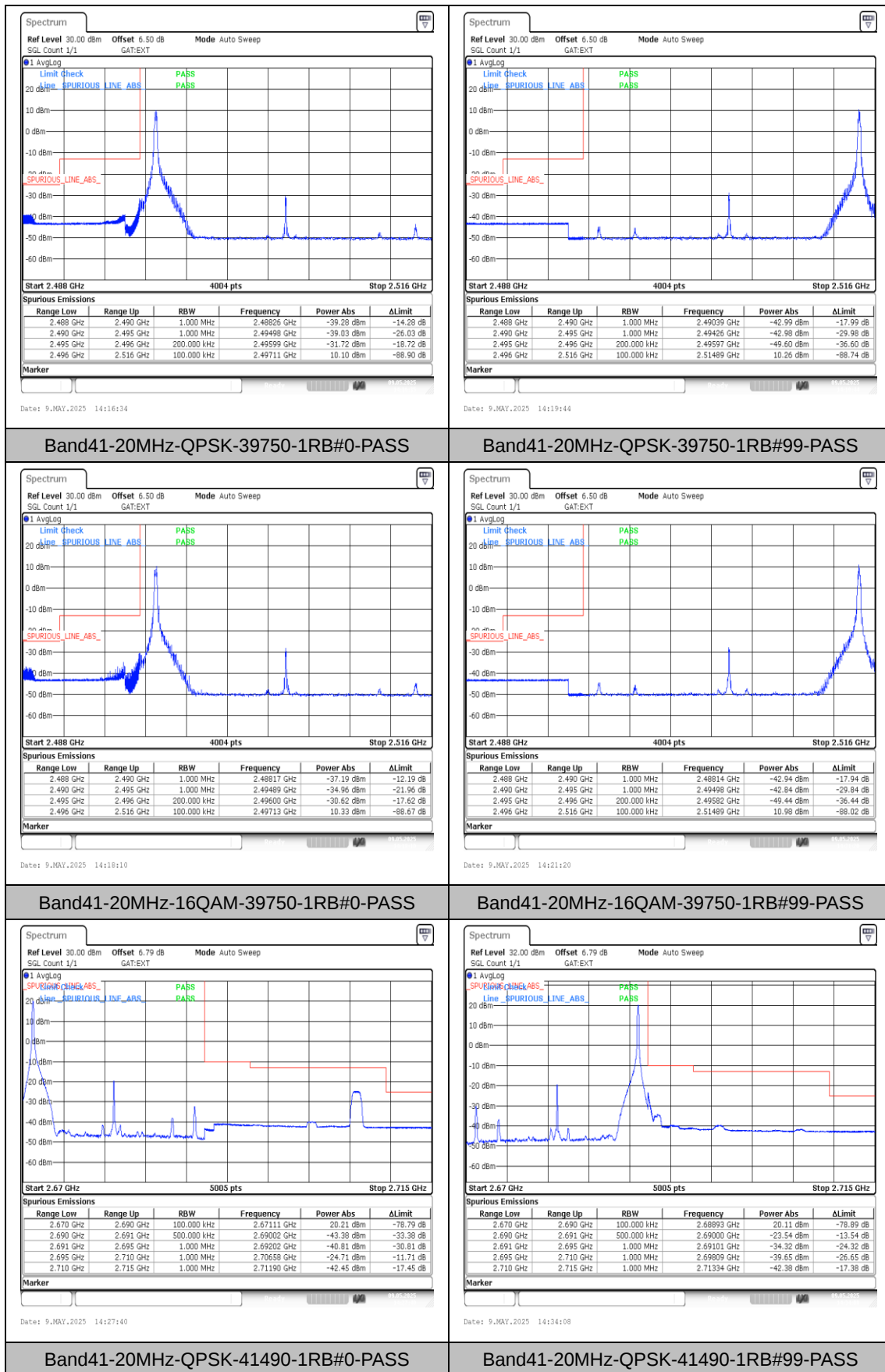


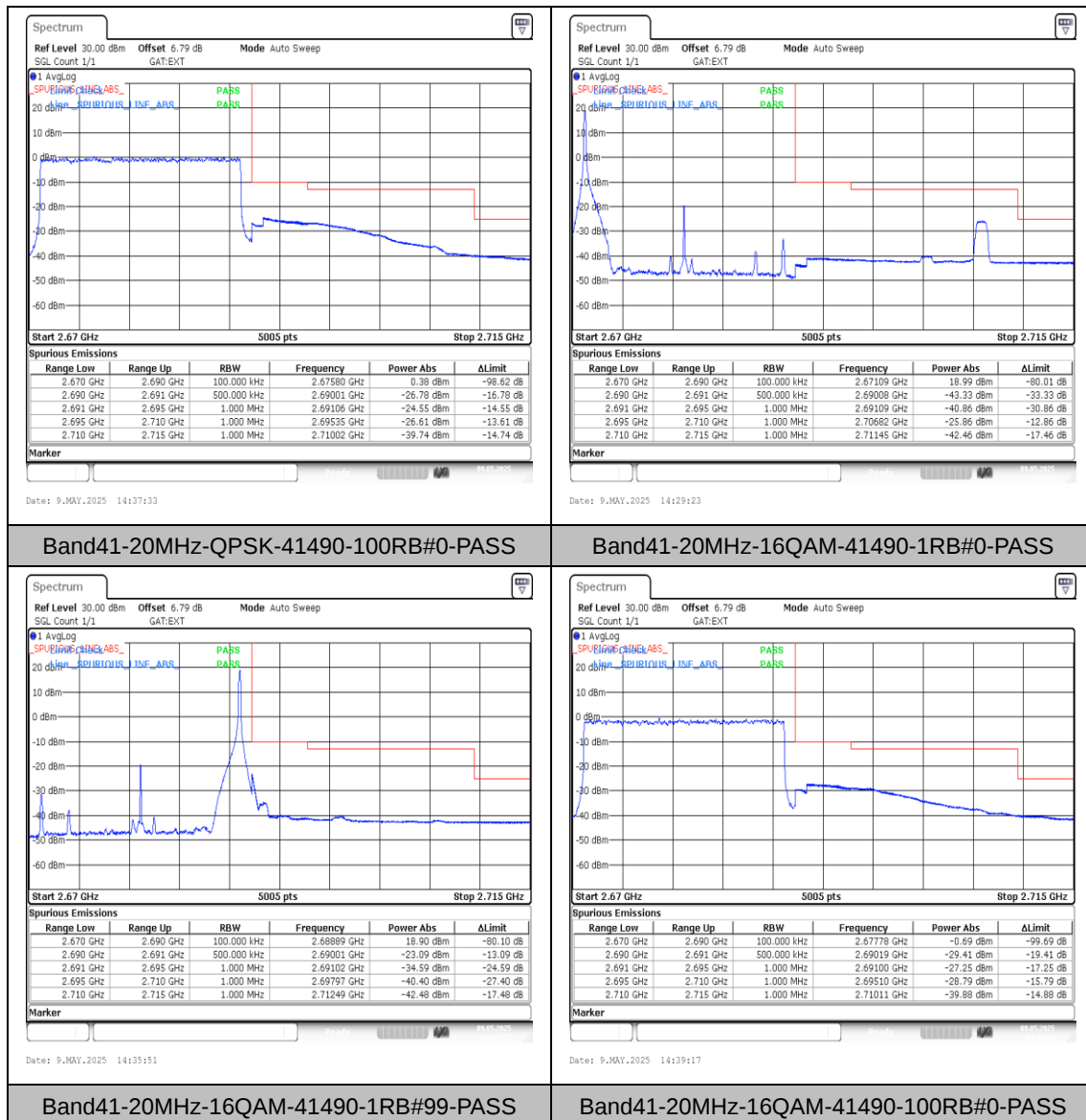










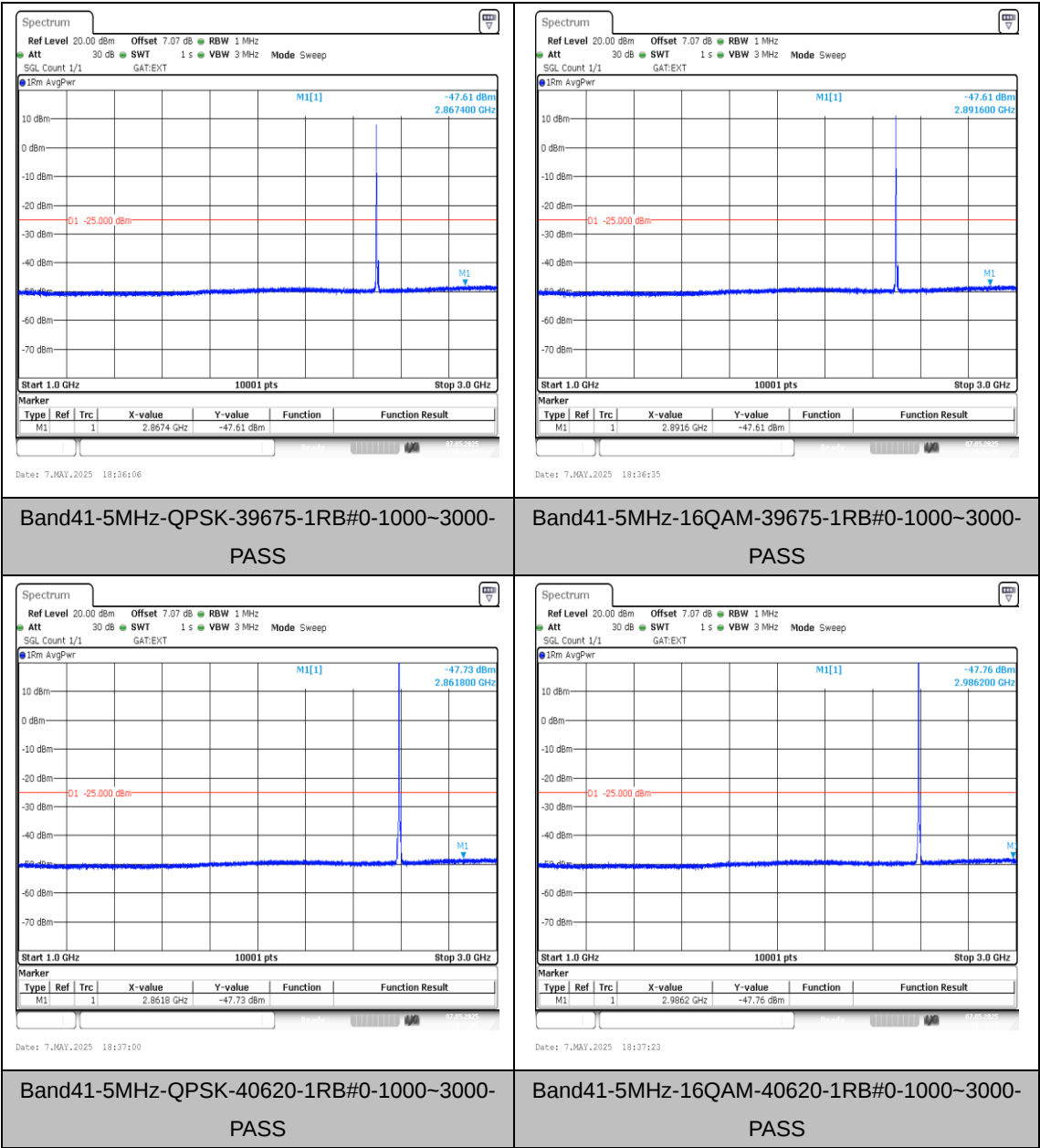


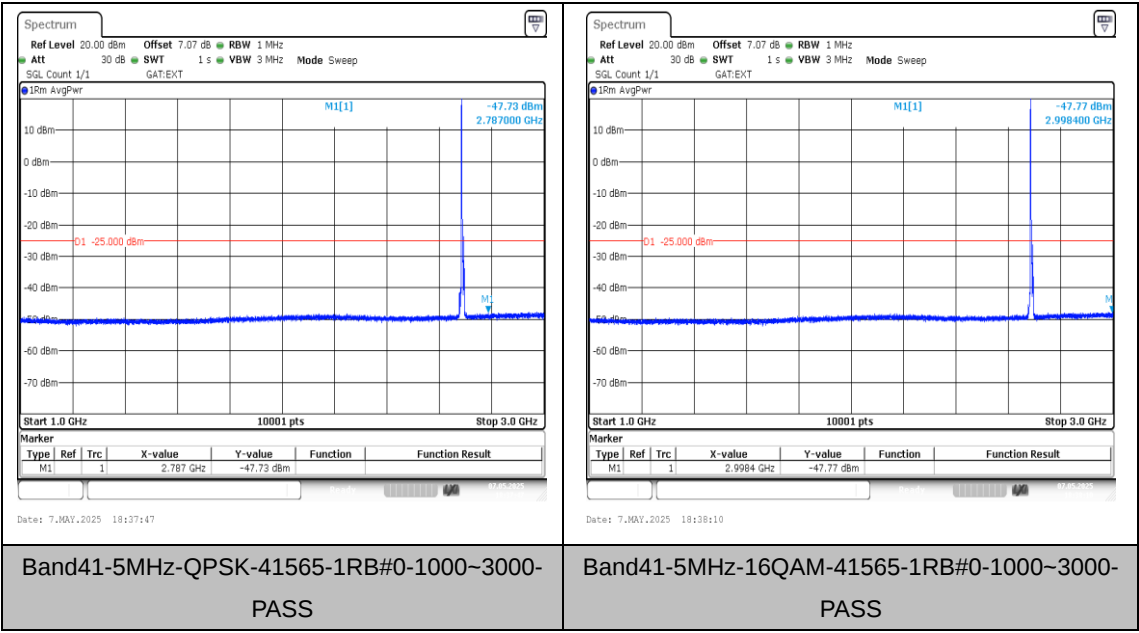
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	1000~3000	-47.61	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~3000	-47.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~3000	-47.73	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~3000	-47.76	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~3000	-47.73	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~3000	-47.77	PASS

Test Graphs





Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	-13.25	-0.005303	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	-12.39	-0.004959	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	9.30	0.003722	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	-13.49	-0.005399	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	-16.32	-0.006532	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	-24.53	-0.009818	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	8.84	0.003538	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	-20.11	-0.008049	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	-13.40	-0.005363	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	-3.26	-0.001305	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-20	-18.65	-0.007464	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	-15.61	-0.006248	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	-13.36	-0.005347	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	5.48	0.002193	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	-19.71	-0.007889	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	-17.15	-0.006864	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	-15.12	-0.006052	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	50	8.17	0.003270	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	-16.54	-0.006379	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-22.85	-0.008812	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	-21.19	-0.008172	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	-23.03	-0.008882	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-17.92	-0.006911	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	-19.01	-0.007331	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	2.66	0.001026	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	-3.56	-0.001373	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	-22.14	-0.008538	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	-6.42	-0.002476	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	-17.40	-0.006710	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	-19.60	-0.007559	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	-22.76	-0.008777	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	3.39	0.001307	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	-19.48	-0.007513	±2.5	PASS

Band41	5MHz	16QAM	40620	25RB#0	NV	30	-13.62	-0.005253	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	-17.88	-0.006895	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	-15.13	-0.005835	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	-17.87	-0.006649	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	-19.14	-0.007122	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	-5.94	-0.002210	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	-19.21	-0.007148	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	-12.73	-0.004737	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-17.58	-0.006541	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	-16.95	-0.006307	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-15.13	-0.005630	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	-17.60	-0.006549	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	-12.00	-0.004465	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	-3.36	-0.001250	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	-20.08	-0.007472	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	-17.28	-0.006430	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	-14.79	-0.005503	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	-7.02	-0.002612	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	-6.74	-0.002508	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	-16.06	-0.005976	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	50	-17.24	-0.006415	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-30	-23.46	-0.009380	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-20	-10.46	-0.004182	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-17.55	-0.007017	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-20.77	-0.008305	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	-19.91	-0.007961	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	-19.45	-0.007777	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	-18.64	-0.007453	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	-14.19	-0.005674	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	-18.70	-0.007477	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	-23.30	-0.008986	±2.5	PASS

Band41	10MHz	QPSK	40620	50RB#0	NV	-20	-12.69	-0.004894	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	-13.43	-0.005179	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	-20.00	-0.007713	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	-19.23	-0.007416	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	-20.26	-0.007813	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	-16.21	-0.006251	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	-13.29	-0.005125	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	-20.30	-0.007829	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-30	-20.33	-0.007840	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-20	-18.00	-0.006942	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	3.02	0.001165	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	-17.61	-0.006791	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	-18.35	-0.007077	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	-19.58	-0.007551	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	-24.92	-0.009610	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	-18.55	-0.007154	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	-18.45	-0.007115	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-13.96	-0.005199	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	-9.97	-0.003713	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-13.03	-0.004853	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-11.93	-0.004443	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-5.36	-0.001996	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-17.94	-0.006682	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-14.38	-0.005356	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-20.08	-0.007479	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-7.21	-0.002685	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-30	-11.93	-0.004443	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-20	-13.46	-0.005013	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	-17.74	-0.006607	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	-15.68	-0.005840	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	-5.62	-0.002093	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-15.05	-0.005605	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	-8.81	-0.003281	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-15.09	-0.005620	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	10.54	0.003926	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	-13.52	-0.005400	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-17.35	-0.006930	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-18.51	-0.007394	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-15.05	-0.006012	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-19.94	-0.007965	±2.5	PASS

Band41	15MHz	QPSK	39725	75RB#0	NV	20	-24.28	-0.009698	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-13.50	-0.005392	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-19.37	-0.007737	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-21.31	-0.008512	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-30	-24.05	-0.009607	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-20	5.89	0.002353	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-17.55	-0.007010	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-14.08	-0.005624	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-24.95	-0.009966	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-22.37	-0.008935	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	-13.83	-0.005524	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-18.01	-0.007194	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-12.33	-0.004925	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	-14.15	-0.005457	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	-18.38	-0.007088	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-12.43	-0.004794	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-14.42	-0.005561	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	-4.99	-0.001924	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	-21.70	-0.008369	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	-18.18	-0.007011	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	-21.46	-0.008276	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	13.48	0.005199	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-30	-18.65	-0.007192	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-20	-16.31	-0.006290	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-10	-17.31	-0.006676	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	-15.89	-0.006128	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	-14.20	-0.005476	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	-17.81	-0.006868	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-2.32	-0.000895	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	-16.57	-0.006390	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	-13.48	-0.005199	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	-17.74	-0.006613	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-20	-19.11	-0.007124	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	-14.23	-0.005305	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-19.88	-0.007411	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	-16.81	-0.006267	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	-11.83	-0.004410	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	-18.60	-0.006934	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	12.77	0.004760	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	-18.44	-0.006874	±2.5	PASS

Band41	15MHz	16QAM	41515	75RB#0	NV	-30	-15.98	-0.005957	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-20	-18.58	-0.006926	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	-13.56	-0.005055	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	-11.89	-0.004432	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-17.34	-0.006464	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	-20.06	-0.007478	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	-15.68	-0.005845	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	-4.36	-0.001625	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	-13.18	-0.004913	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	-17.58	-0.007015	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-13.73	-0.005479	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-21.26	-0.008484	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-13.92	-0.005555	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-15.42	-0.006153	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-20.63	-0.008232	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-19.45	-0.007761	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-21.60	-0.008619	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-24.79	-0.009892	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-9.48	-0.003783	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-21.77	-0.008687	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-18.17	-0.007251	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-14.98	-0.005978	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-17.51	-0.006987	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-14.58	-0.005818	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-17.72	-0.007071	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-4.26	-0.001700	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-19.54	-0.007797	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-15.42	-0.005947	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-12.55	-0.004840	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-12.40	-0.004782	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-14.81	-0.005712	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-11.77	-0.004539	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-15.12	-0.005831	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-15.29	-0.005897	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-14.69	-0.005665	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-14.38	-0.005546	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-12.92	-0.004983	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-12.62	-0.004867	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-20.81	-0.008025	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-16.74	-0.006456	±2.5	PASS

Band41	20MHz	16QAM	40620	100RB#0	NV	10	-17.08	-0.006587	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-14.28	-0.005507	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	6.75	0.002603	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-11.37	-0.004385	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-12.65	-0.004879	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-3.19	-0.001190	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-15.75	-0.005877	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-18.91	-0.007056	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	3.71	0.001384	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-14.75	-0.005504	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-18.35	-0.006847	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-20.24	-0.007552	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-18.90	-0.007052	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-20.56	-0.007672	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-20.13	-0.007511	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-16.78	-0.006261	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	-17.91	-0.006683	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-20.43	-0.007623	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-19.00	-0.007090	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-2.98	-0.001112	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	4.38	0.001634	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-21.59	-0.008056	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-14.02	-0.005231	±2.5	PASS