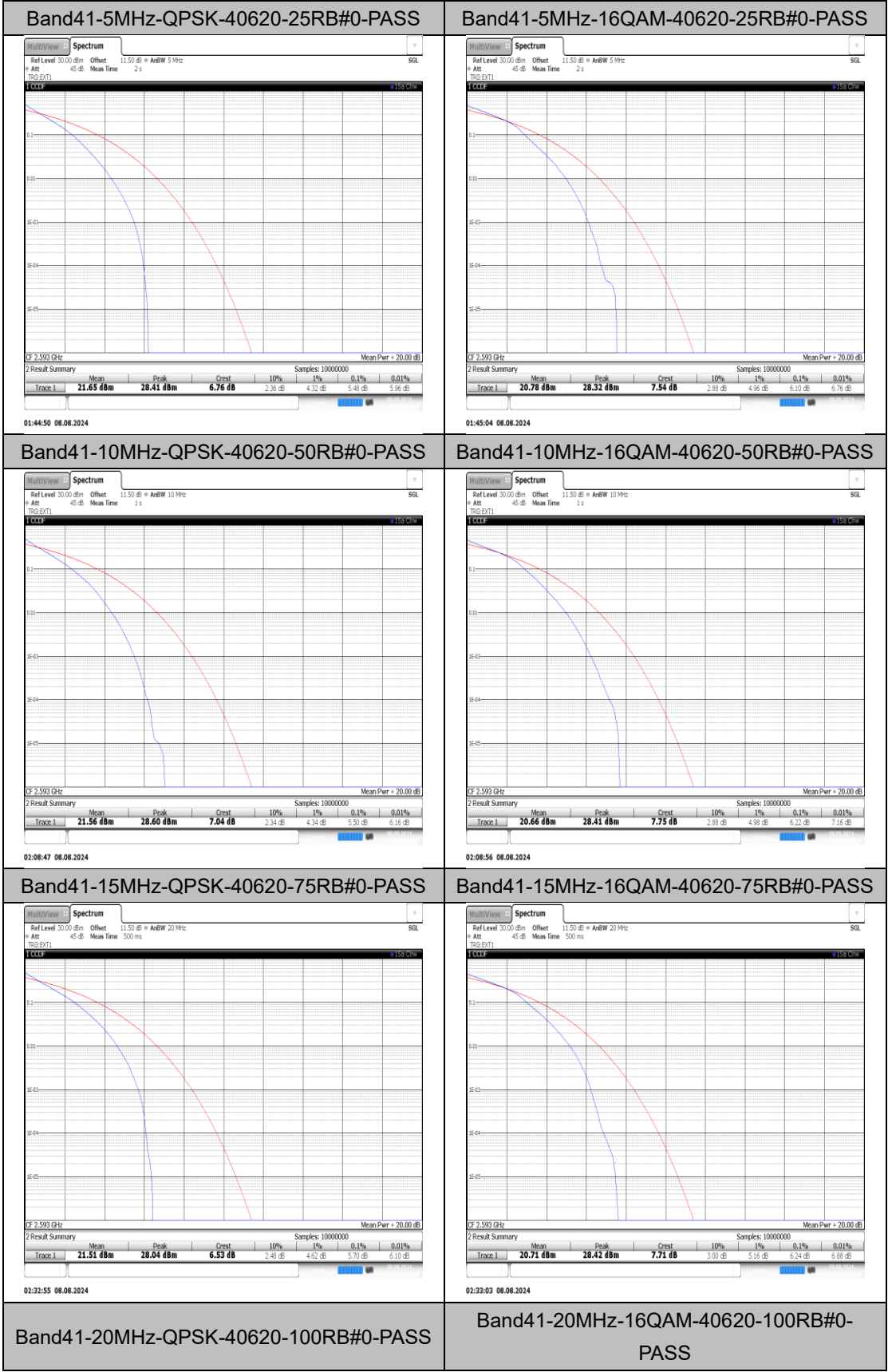


Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	5.48	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.10	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.50	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.22	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.70	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.24	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.50	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.22	13	PASS

Test Graphs

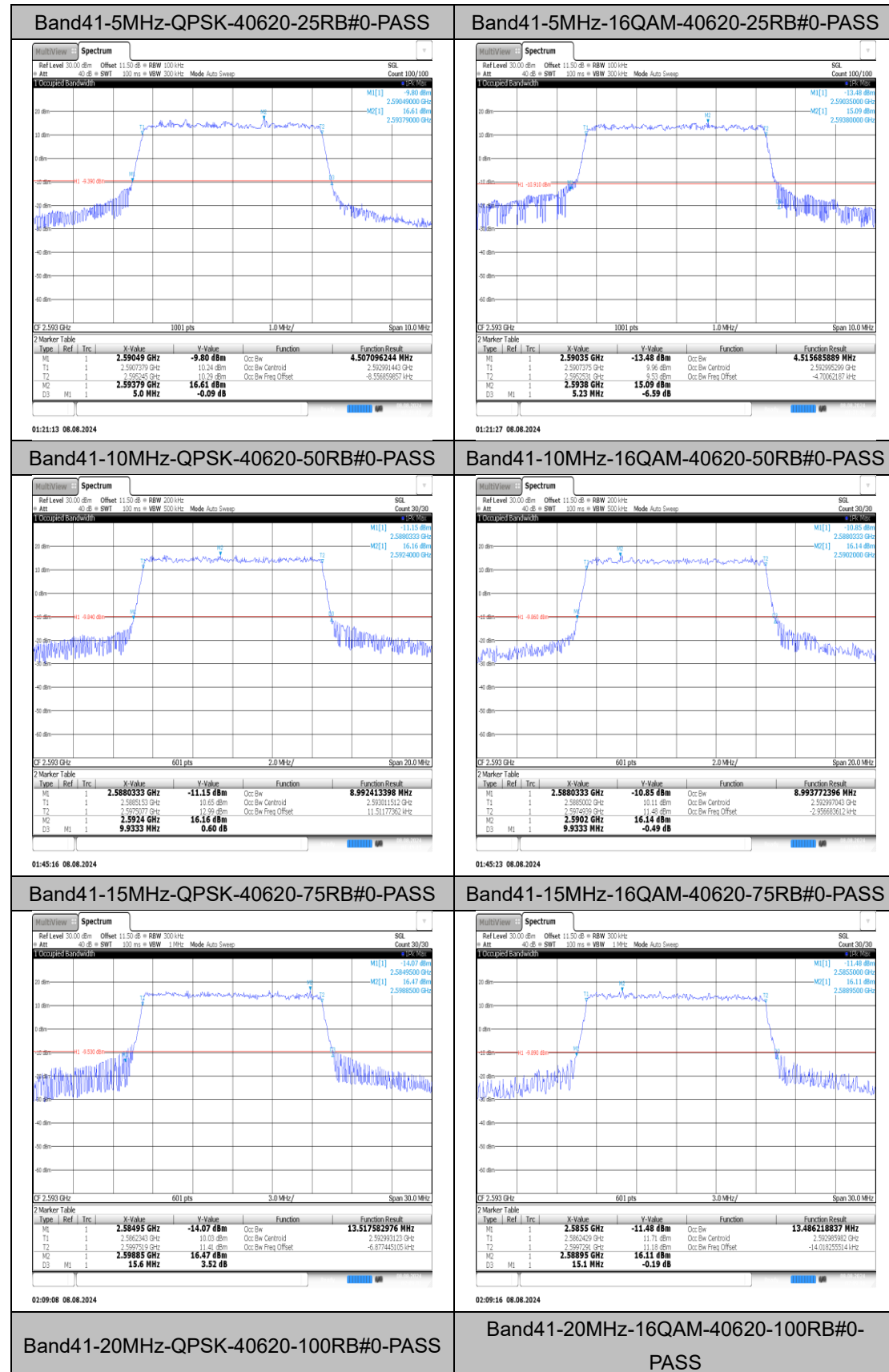


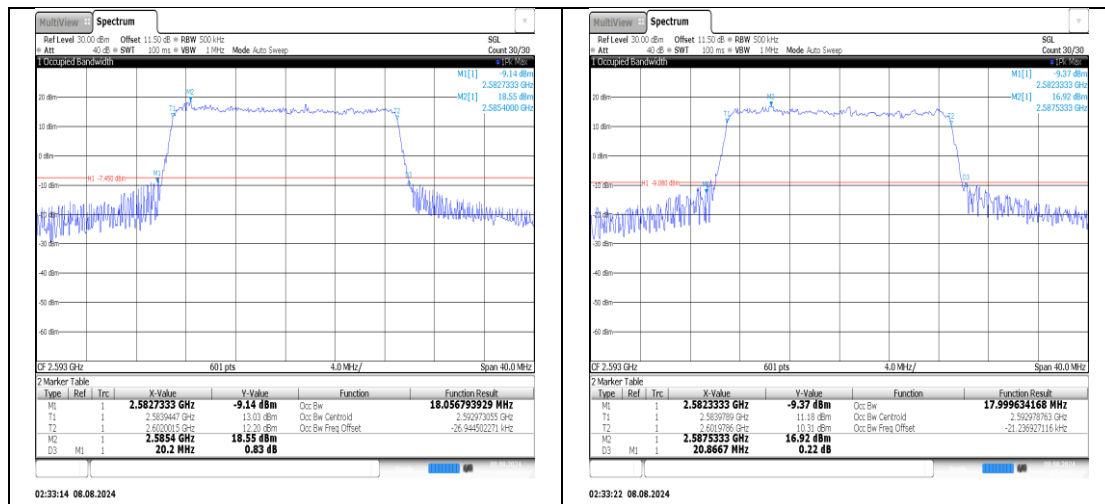
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	4.507	5.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.516	5.23	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.992	9.93	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.994	9.93	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.518	15.60	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.486	15.10	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.057	20.20	PASS
Band41	20MHz	16QAM	40620	100RB#0	18	20.87	PASS

Test Graphs





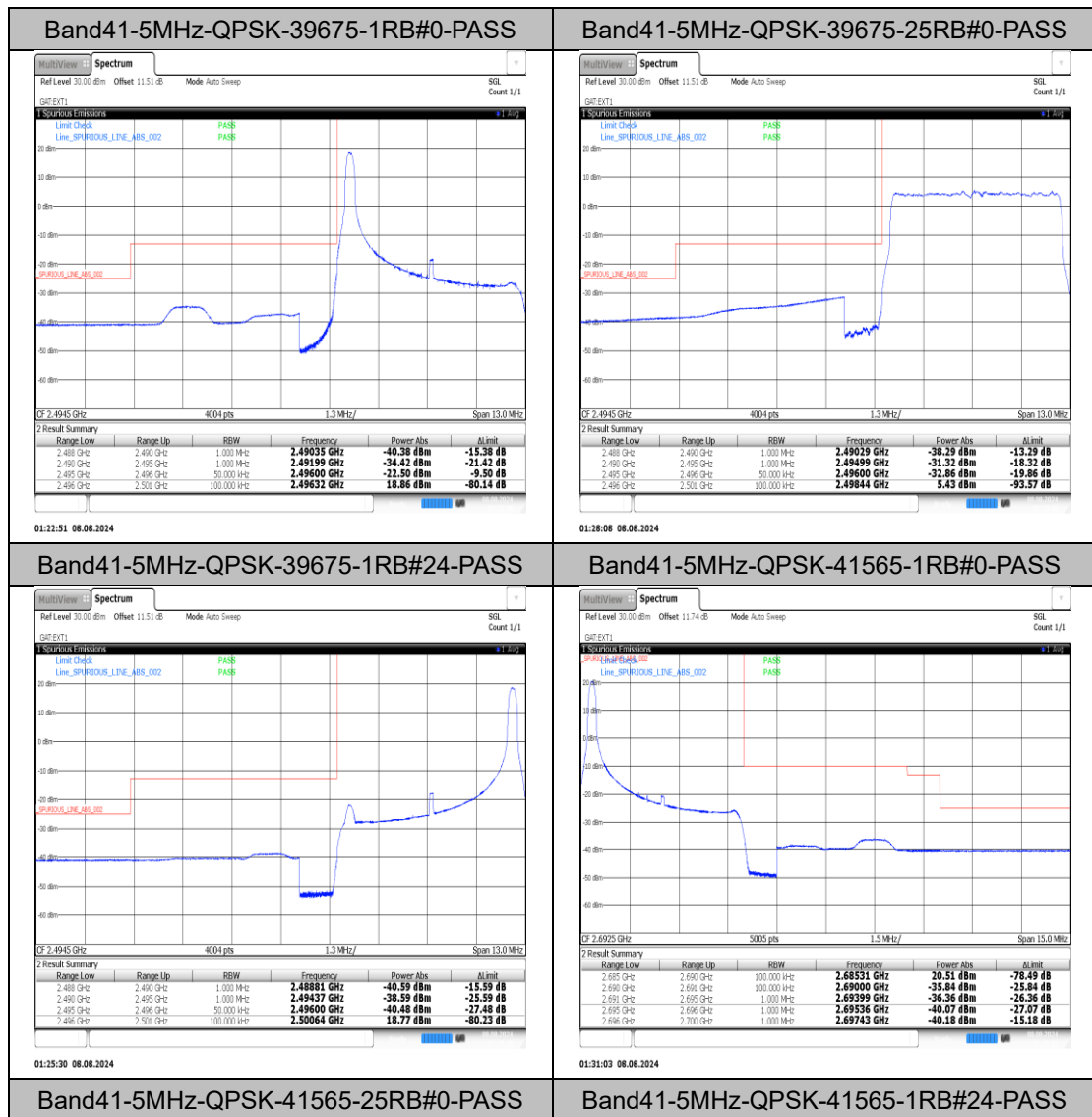
Appendix D: Band Edge

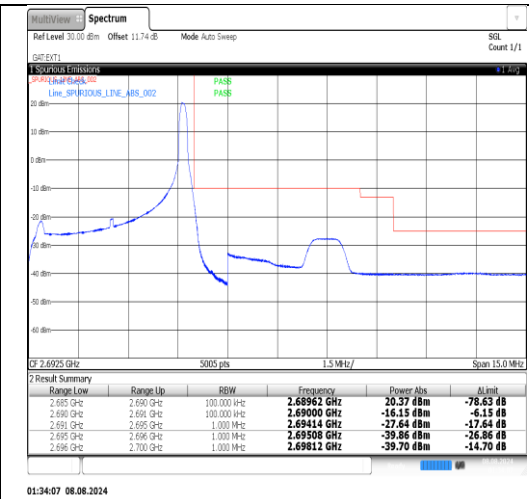
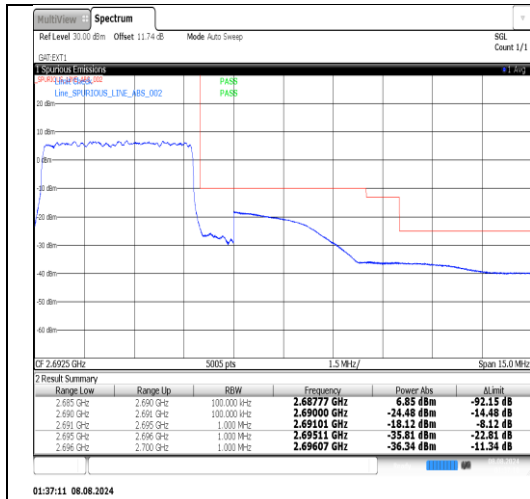
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-22.50	PASS
Band41	5MHz	QPSK	39675	25RB#0	-38.29	PASS
Band41	5MHz	QPSK	39675	1RB#24	-40.59	PASS
Band41	5MHz	QPSK	41565	1RB#0	-40.18	PASS
Band41	5MHz	QPSK	41565	25RB#0	-18.12	PASS
Band41	5MHz	QPSK	41565	1RB#24	-16.15	PASS
Band41	5MHz	16QAM	39675	1RB#0	-22.33	PASS
Band41	5MHz	16QAM	39675	25RB#0	-38.97	PASS
Band41	5MHz	16QAM	39675	1RB#24	-40.53	PASS
Band41	5MHz	16QAM	41565	1RB#0	-40.14	PASS
Band41	5MHz	16QAM	41565	25RB#0	-19.25	PASS
Band41	5MHz	16QAM	41565	1RB#24	-16.85	PASS
Band41	10MHz	QPSK	39700	1RB#0	-25.25	PASS
Band41	10MHz	QPSK	39700	50RB#0	-36.97	PASS
Band41	10MHz	QPSK	39700	1RB#49	-38.54	PASS
Band41	10MHz	QPSK	41540	1RB#0	-40.20	PASS
Band41	10MHz	QPSK	41540	50RB#0	-20.14	PASS
Band41	10MHz	QPSK	41540	1RB#49	-19.18	PASS
Band41	10MHz	16QAM	39700	1RB#0	-37.25	PASS
Band41	10MHz	16QAM	39700	50RB#0	-36.77	PASS
Band41	10MHz	16QAM	39700	1RB#49	-39.76	PASS
Band41	10MHz	16QAM	41540	1RB#0	-40.25	PASS
Band41	10MHz	16QAM	41540	50RB#0	-36.21	PASS
Band41	10MHz	16QAM	41540	1RB#49	-18.75	PASS
Band41	15MHz	QPSK	39725	1RB#0	-24.71	PASS
Band41	15MHz	QPSK	39725	75RB#0	-36.61	PASS
Band41	15MHz	QPSK	39725	1RB#74	-39.11	PASS
Band41	15MHz	QPSK	41515	1RB#0	-40.12	PASS
Band41	15MHz	QPSK	41515	75RB#0	-22.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	-18.56	PASS
Band41	15MHz	16QAM	39725	1RB#0	-23.55	PASS
Band41	15MHz	16QAM	39725	75RB#0	-35.44	PASS
Band41	15MHz	16QAM	39725	1RB#74	-39.05	PASS
Band41	15MHz	16QAM	41515	1RB#0	-40.15	PASS
Band41	15MHz	16QAM	41515	75RB#0	-36.08	PASS
Band41	15MHz	16QAM	41515	1RB#74	-21.35	PASS
Band41	20MHz	QPSK	39750	1RB#0	-38.02	PASS

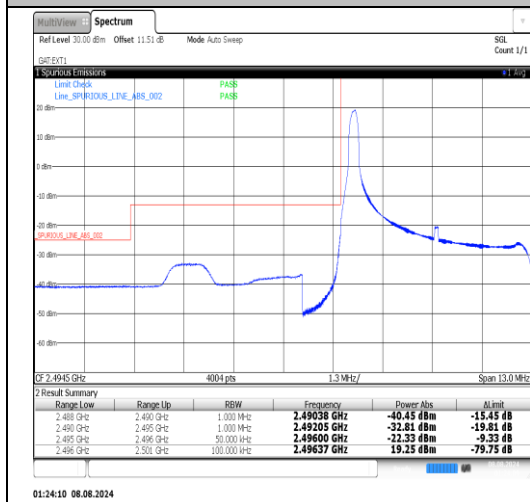
Band41	20MHz	QPSK	39750	100RB#0	-37.57	PASS
Band41	20MHz	QPSK	39750	1RB#99	-39.27	PASS
Band41	20MHz	QPSK	41490	1RB#0	-40.15	PASS
Band41	20MHz	QPSK	41490	100RB#0	-24.18	PASS
Band41	20MHz	QPSK	41490	1RB#99	-21.42	PASS
Band41	20MHz	16QAM	39750	1RB#0	-36.75	PASS
Band41	20MHz	16QAM	39750	100RB#0	-36.41	PASS
Band41	20MHz	16QAM	39750	1RB#99	-38.98	PASS
Band41	20MHz	16QAM	41490	1RB#0	-40.19	PASS
Band41	20MHz	16QAM	41490	100RB#0	-36.11	PASS
Band41	20MHz	16QAM	41490	1RB#99	-18.80	PASS

Test Graphs

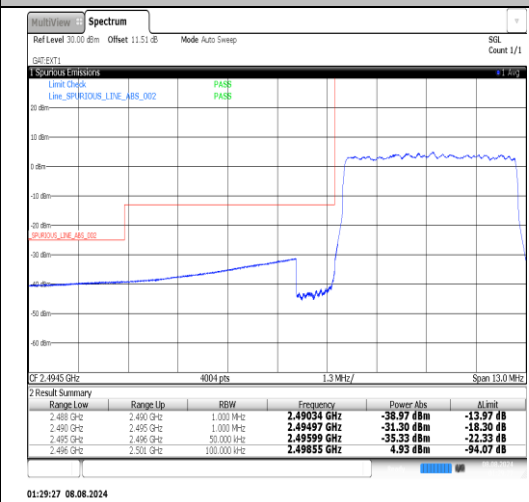




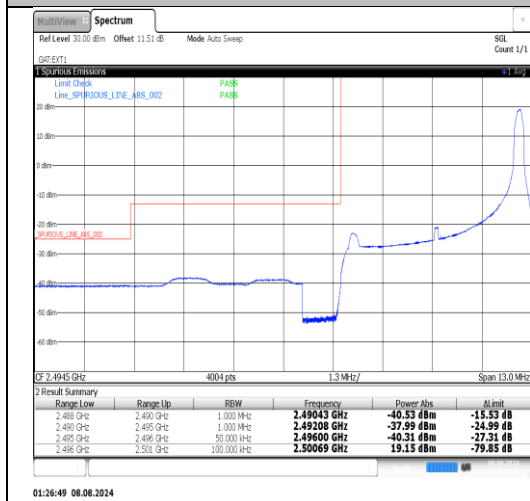
Band41-5MHz-16QAM-39675-1RB#0-PASS



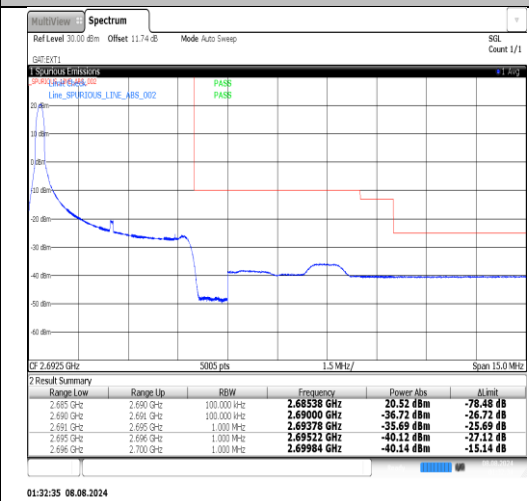
Band41-5MHz-16QAM-39675-25RB#0-PASS



Band41-5MHz-16QAM-39675-1RB#24-PASS

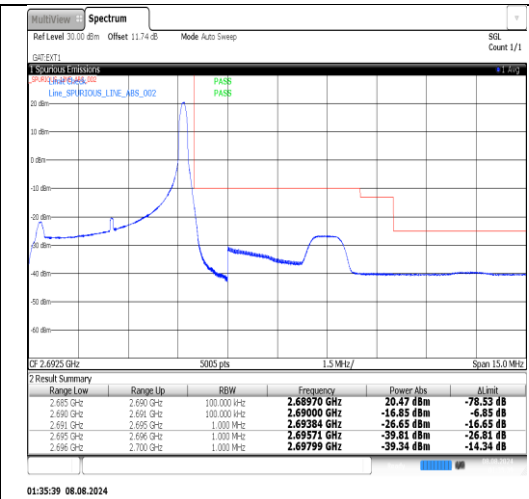
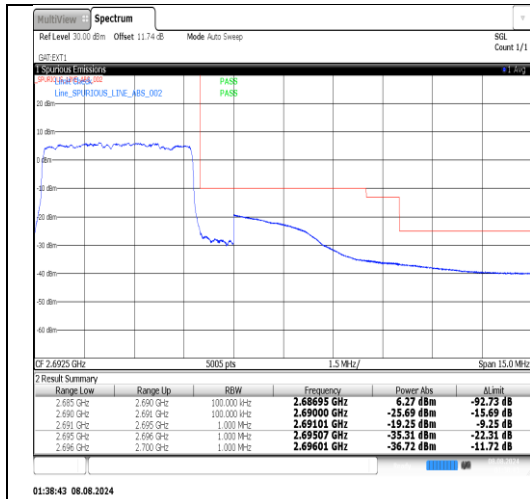


Band41-5MHz-16QAM-41565-1RB#0-PASS

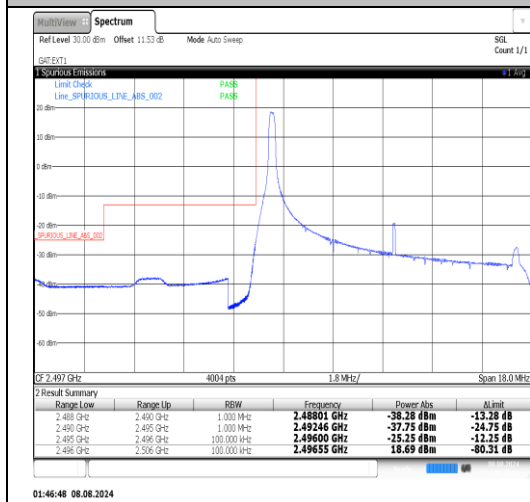


Band41-5MHz-16QAM-41565-25RB#0-PASS

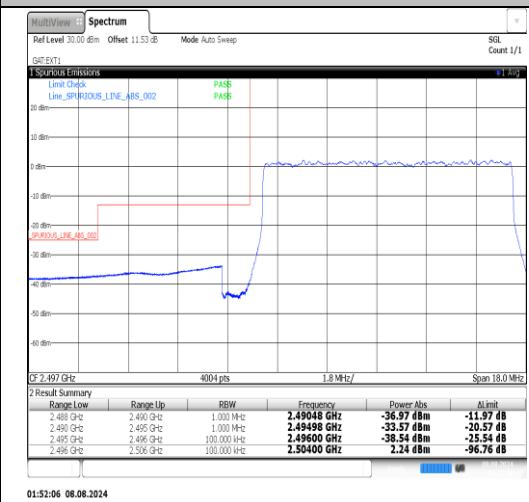
Band41-5MHz-16QAM-41565-1RB#24-PASS



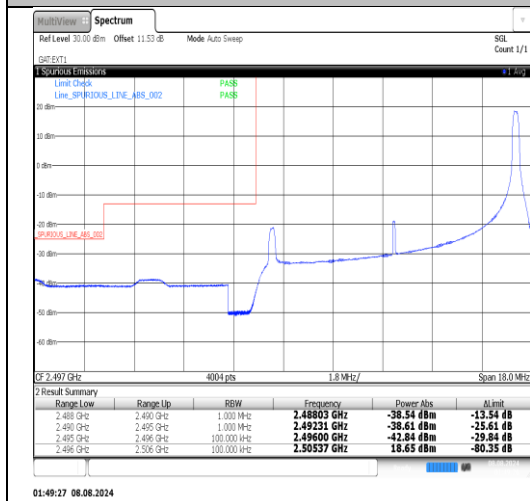
Band41-10MHz-QPSK-39700-1RB#0-PASS



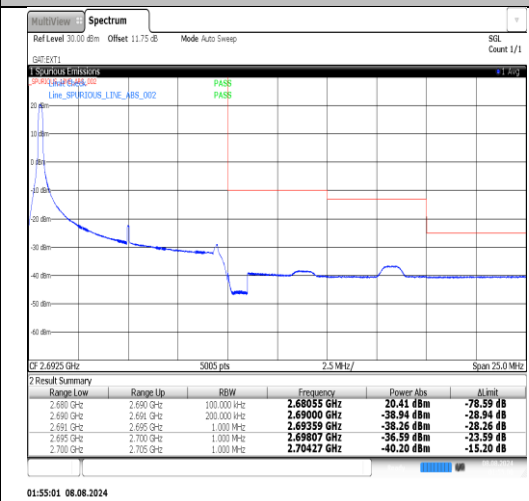
Band41-10MHz-QPSK-39700-50RB#0-PASS



Band41-10MHz-QPSK-39700-1RB#49-PASS

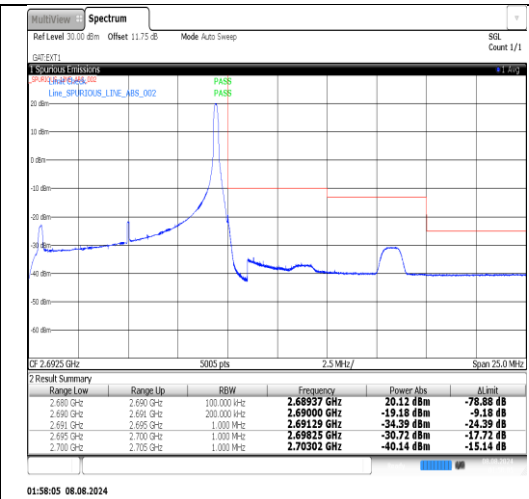
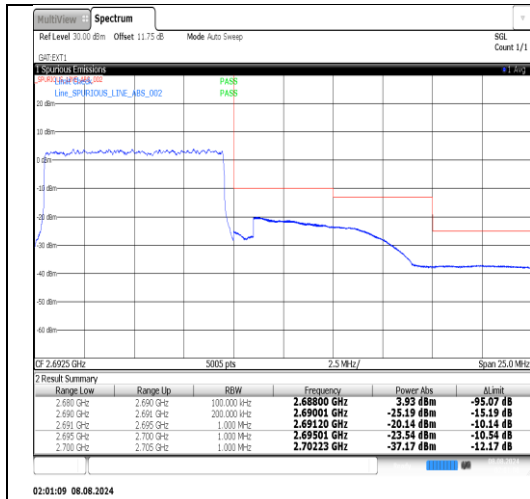


Band41-10MHz-QPSK-41540-1RB#0-PASS

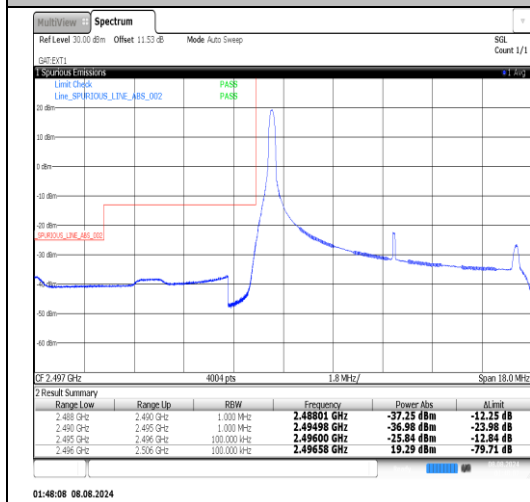


Band41-10MHz-QPSK-41540-50RB#0-PASS

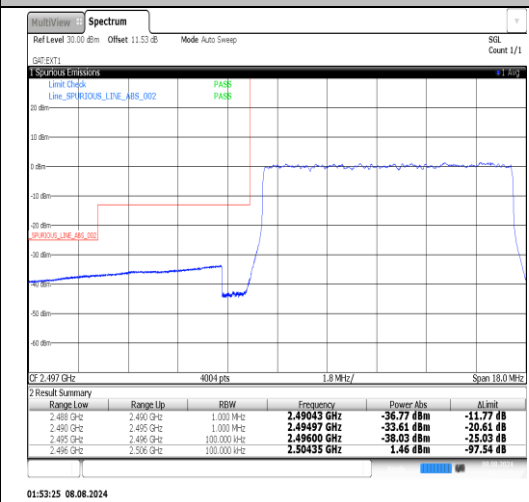
Band41-10MHz-QPSK-41540-1RB#49-PASS



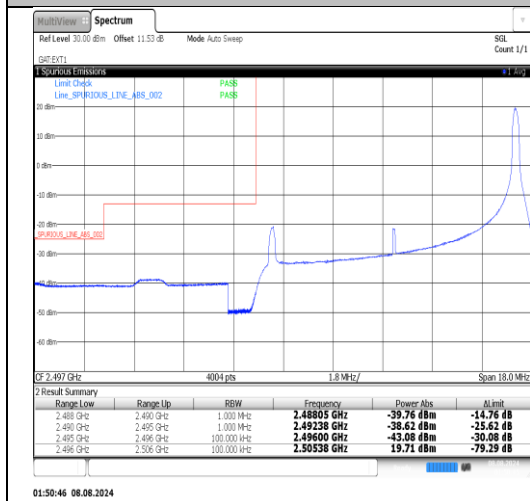
Band41-10MHz-16QAM-39700-1RB#0-PASS



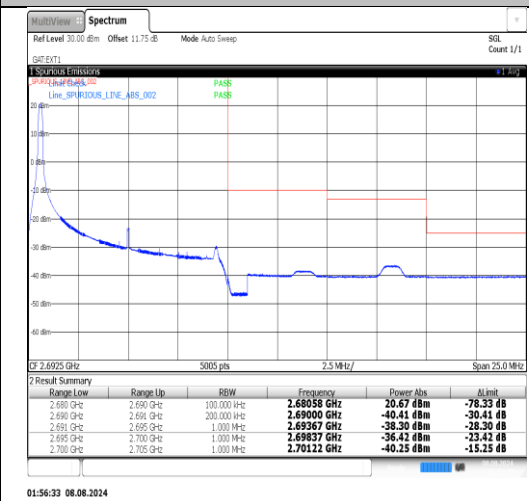
Band41-10MHz-16QAM-39700-50RB#0-PASS



Band41-10MHz-16QAM-39700-1RB#49-PASS

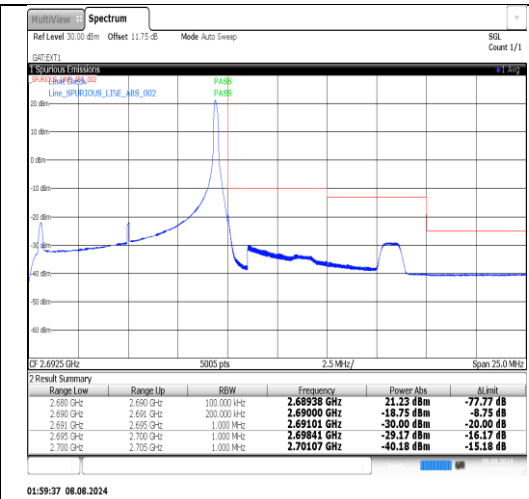
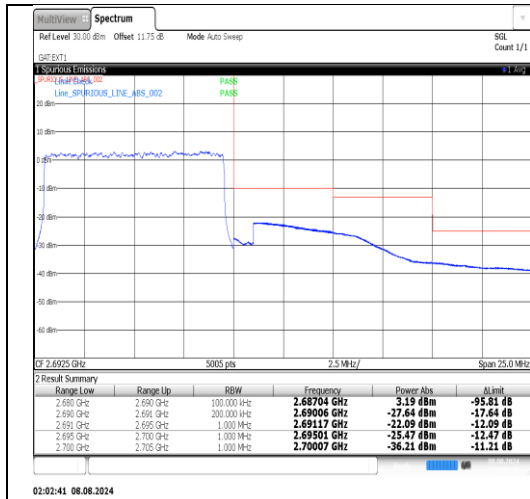


Band41-10MHz-16QAM-41540-1RB#0-PASS

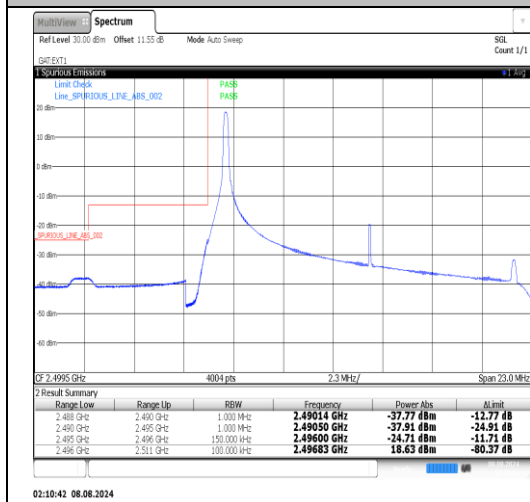


Band41-10MHz-16QAM-41540-50RB#0-PASS

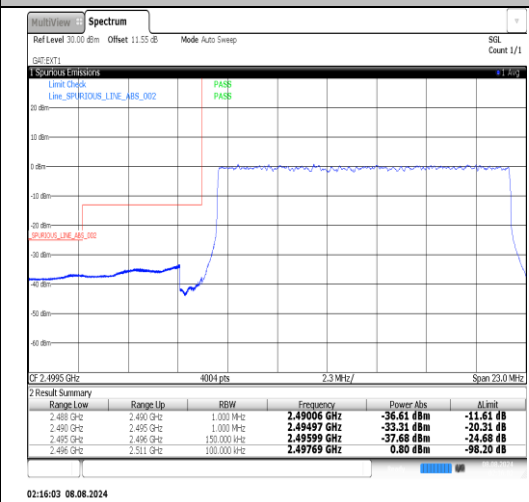
Band41-10MHz-16QAM-41540-1RB#49-PASS



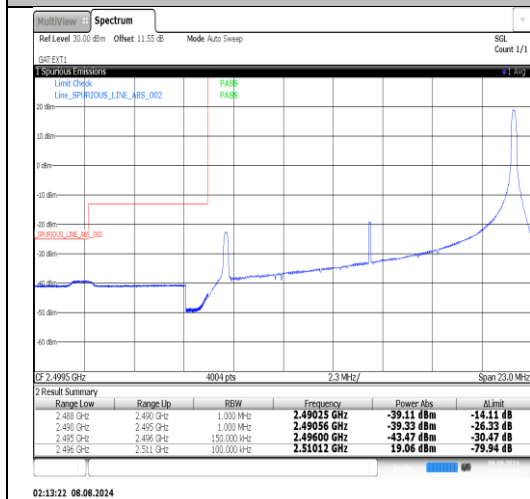
Band41-15MHz-QPSK-39725-1RB#0-PASS



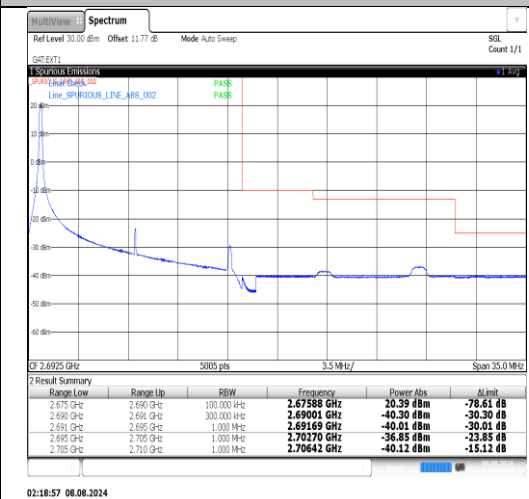
Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-39725-1RB#74-PASS

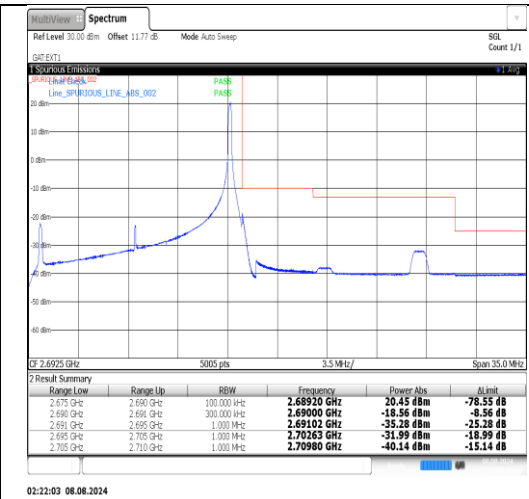
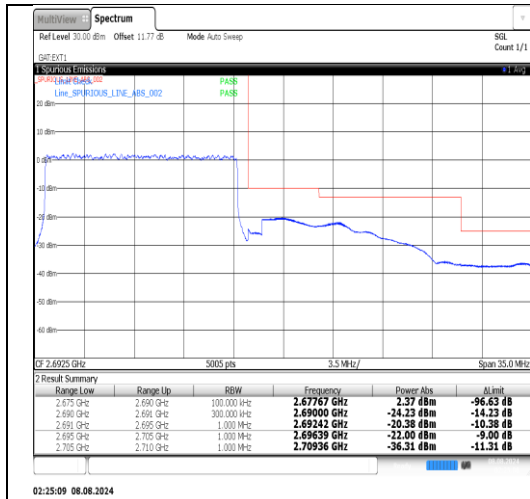


Band41-15MHz-QPSK-41515-1RB#0-PASS



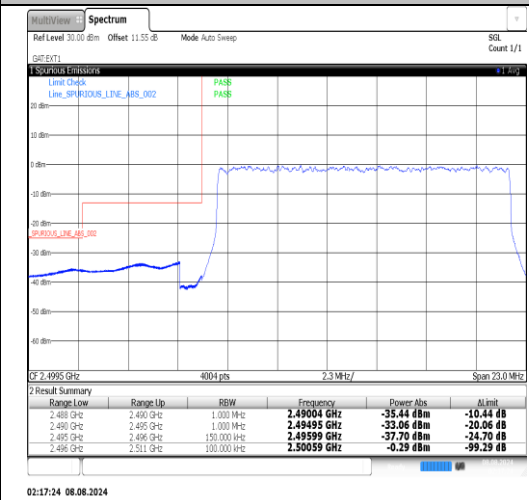
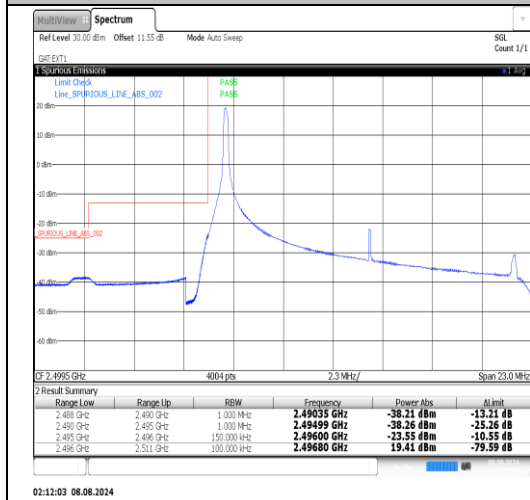
Band41-15MHz-QPSK-41515-75RB#0-PASS

Band41-15MHz-QPSK-41515-1RB#74-PASS



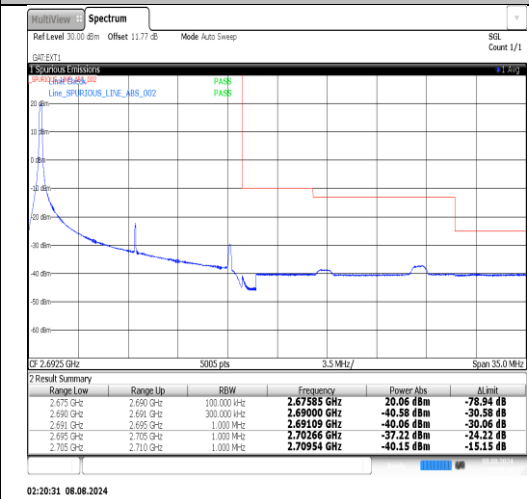
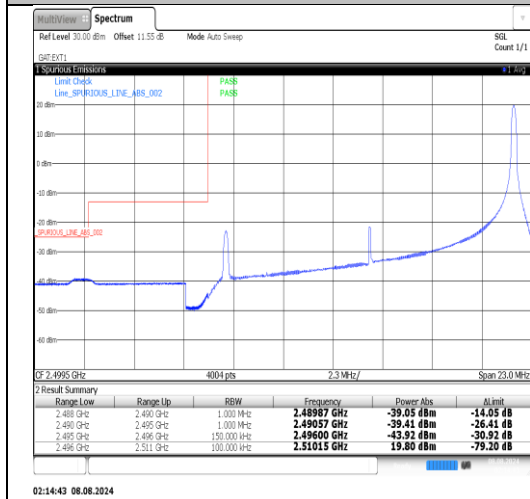
Band41-15MHz-16QAM-39725-1RB#0-PASS

Band41-15MHz-16QAM-39725-75RB#0-PASS



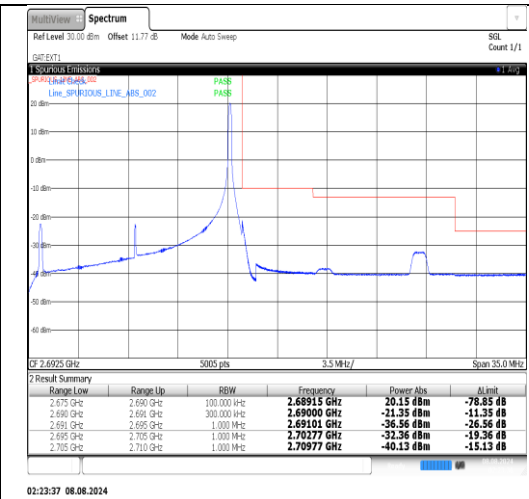
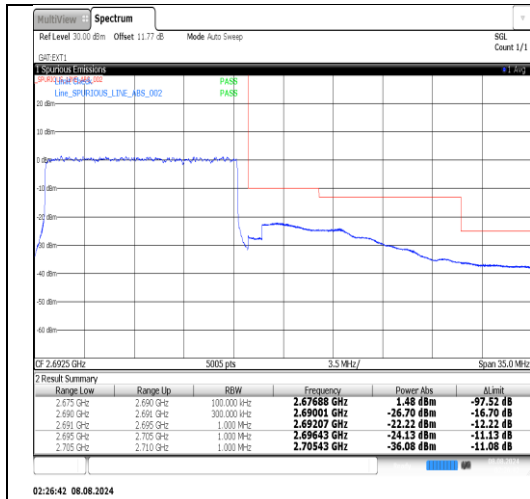
Band41-15MHz-16QAM-39725-1RB#74-PASS

Band41-15MHz-16QAM-41515-1RB#0-PASS

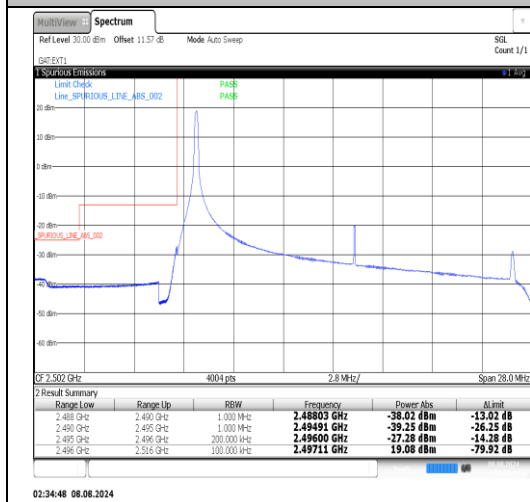


Band41-15MHz-16QAM-41515-75RB#0-PASS

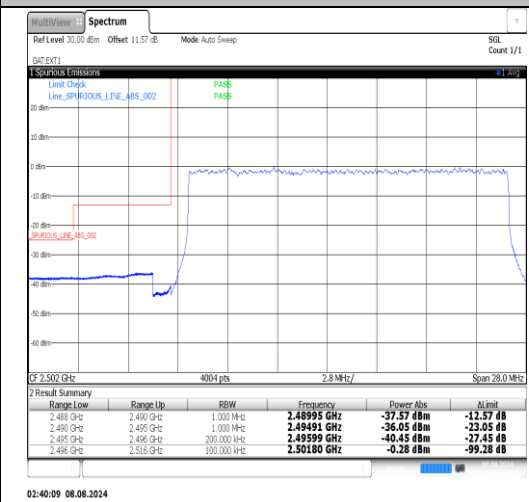
Band41-15MHz-16QAM-41515-1RB#74-PASS



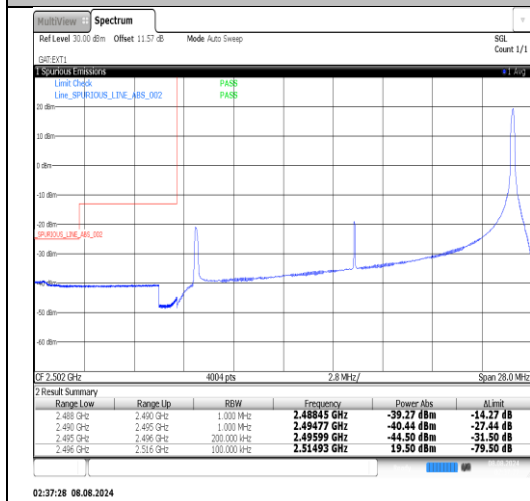
Band41-20MHz-QPSK-39750-1RB#0-PASS



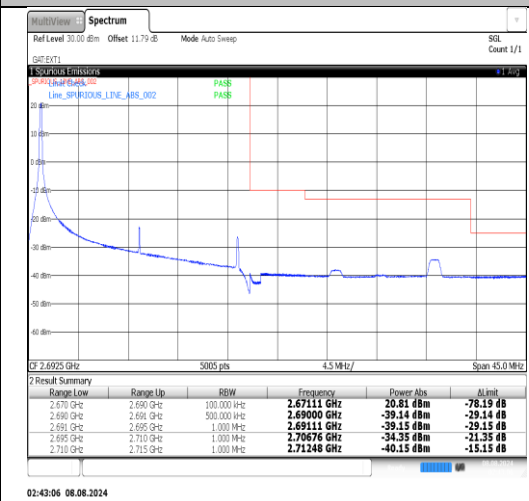
Band41-20MHz-QPSK-39750-100RB#0-PASS



Band41-20MHz-QPSK-39750-1RB#99-PASS

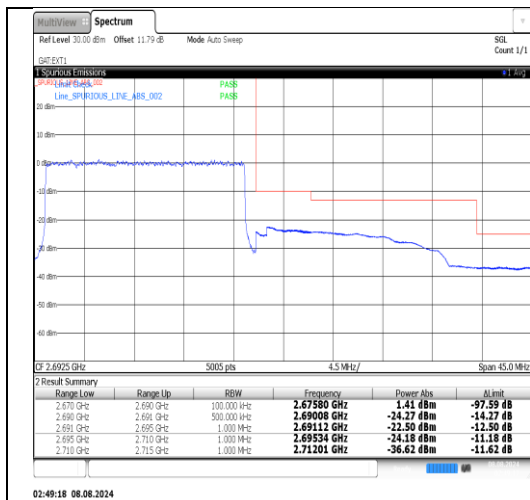


Band41-20MHz-QPSK-41490-1RB#0-PASS

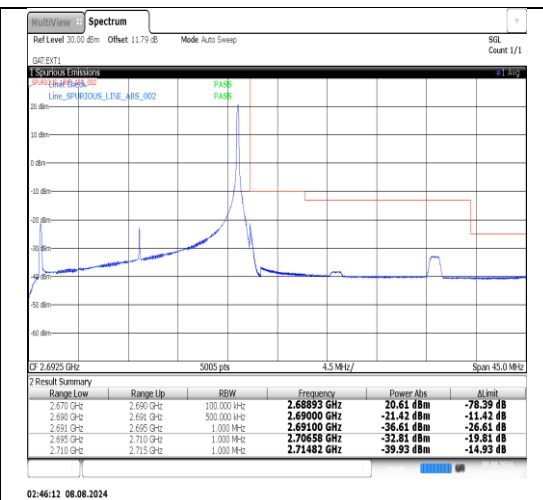


Band41-20MHz-QPSK-41490-100RB#0-PASS

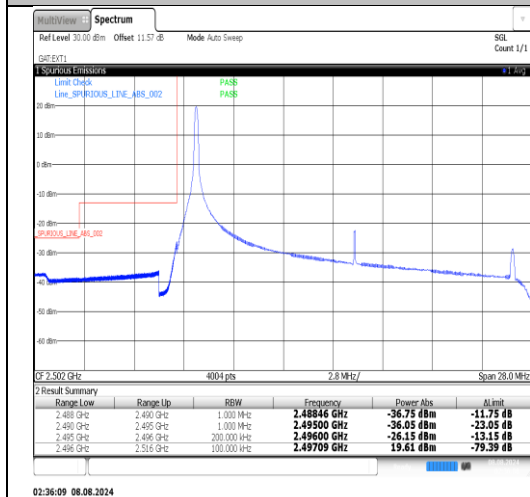
Band41-20MHz-QPSK-41490-1RB#99-PASS



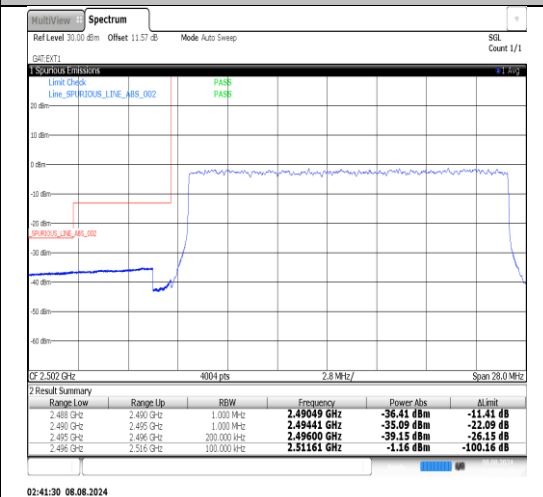
Band41-20MHz-16QAM-39750-1RB#0-PASS



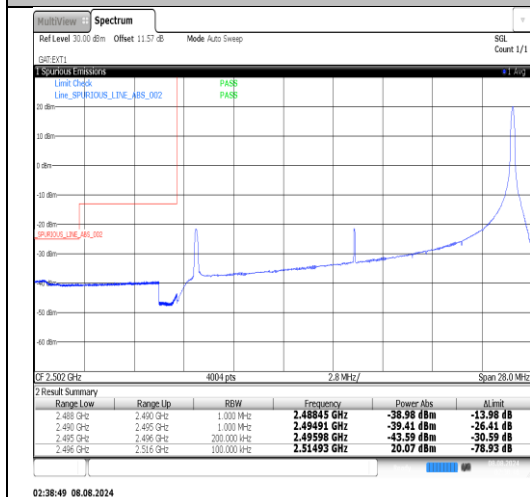
Band41-20MHz-16QAM-39750-100RB#0-PASS



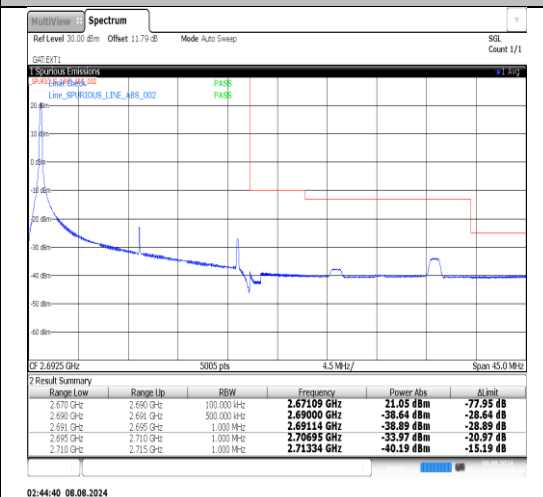
Band41-20MHz-16QAM-39750-1RB#99-PASS



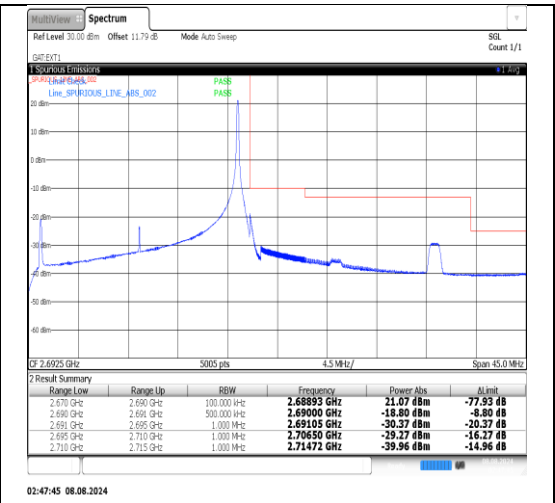
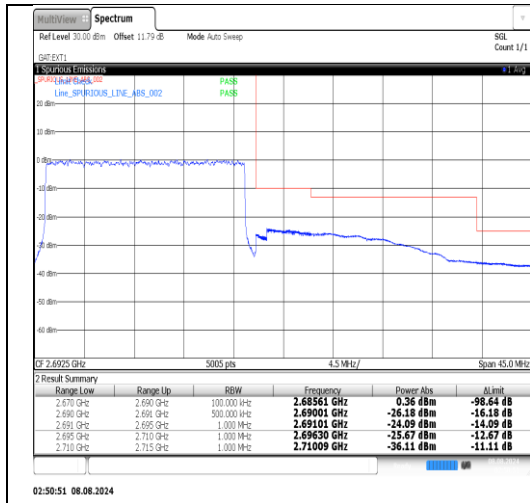
Band41-20MHz-16QAM-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#99-PASS



Appendix E: Conducted Spurious Emission

Test Result

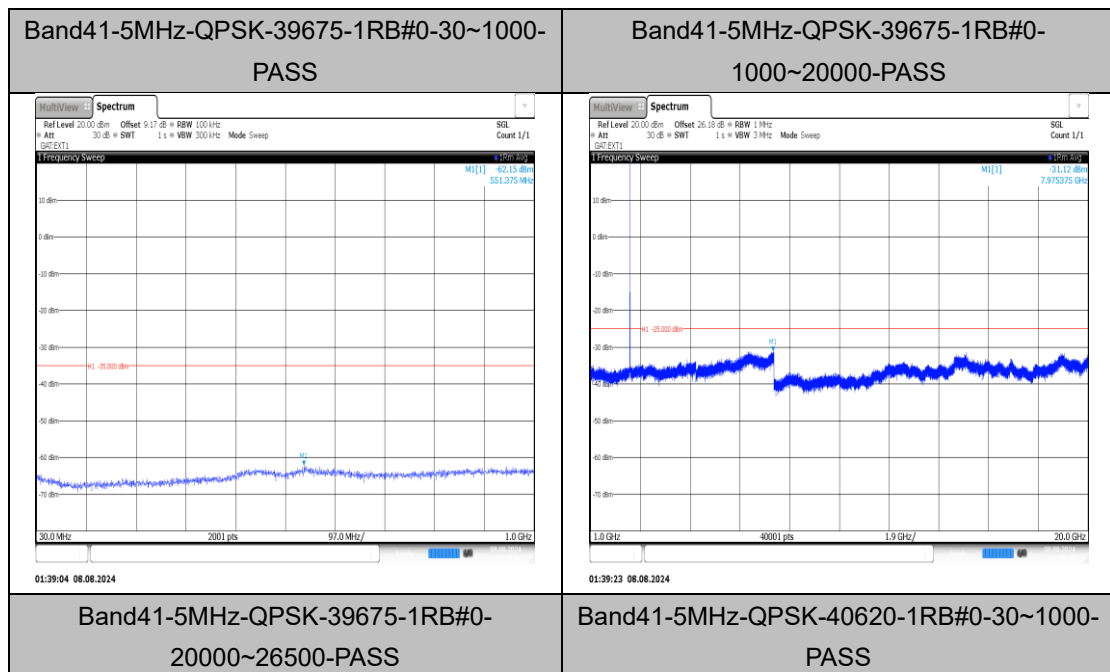
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-62.15	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-31.12	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~26500	-29.96	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-61.99	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-31.24	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~26500	-29.31	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-62.22	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-31.03	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~26500	-29.77	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-62.02	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-30.49	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~26500	-29.70	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-62.51	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-31.19	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~26500	-29.64	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-62.40	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-30.72	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~26500	-29.90	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-	PASS

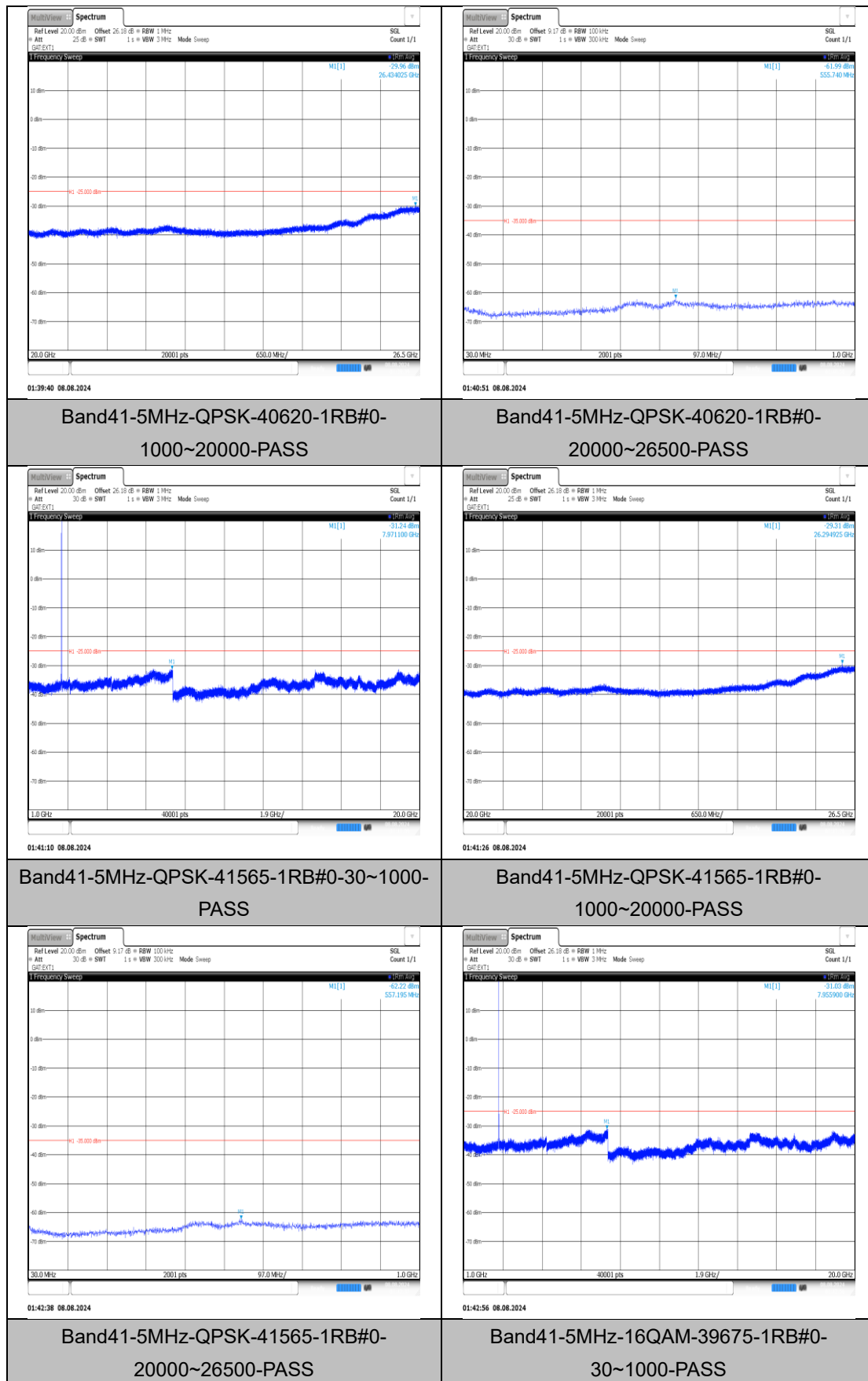
						62.32	
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	- 31.16	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~26500	- 29.96	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	- 62.30	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	- 31.45	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~26500	- 29.99	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	- 62.42	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	- 31.20	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~26500	- 29.58	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	- 62.18	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	- 31.12	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~26500	- 29.75	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	- 62.53	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	- 31.02	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~26500	- 29.93	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	- 62.36	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	- 30.78	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~26500	- 29.64	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	- 62.18	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	- 30.92	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~26500	- 29.66	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	- 62.41	PASS

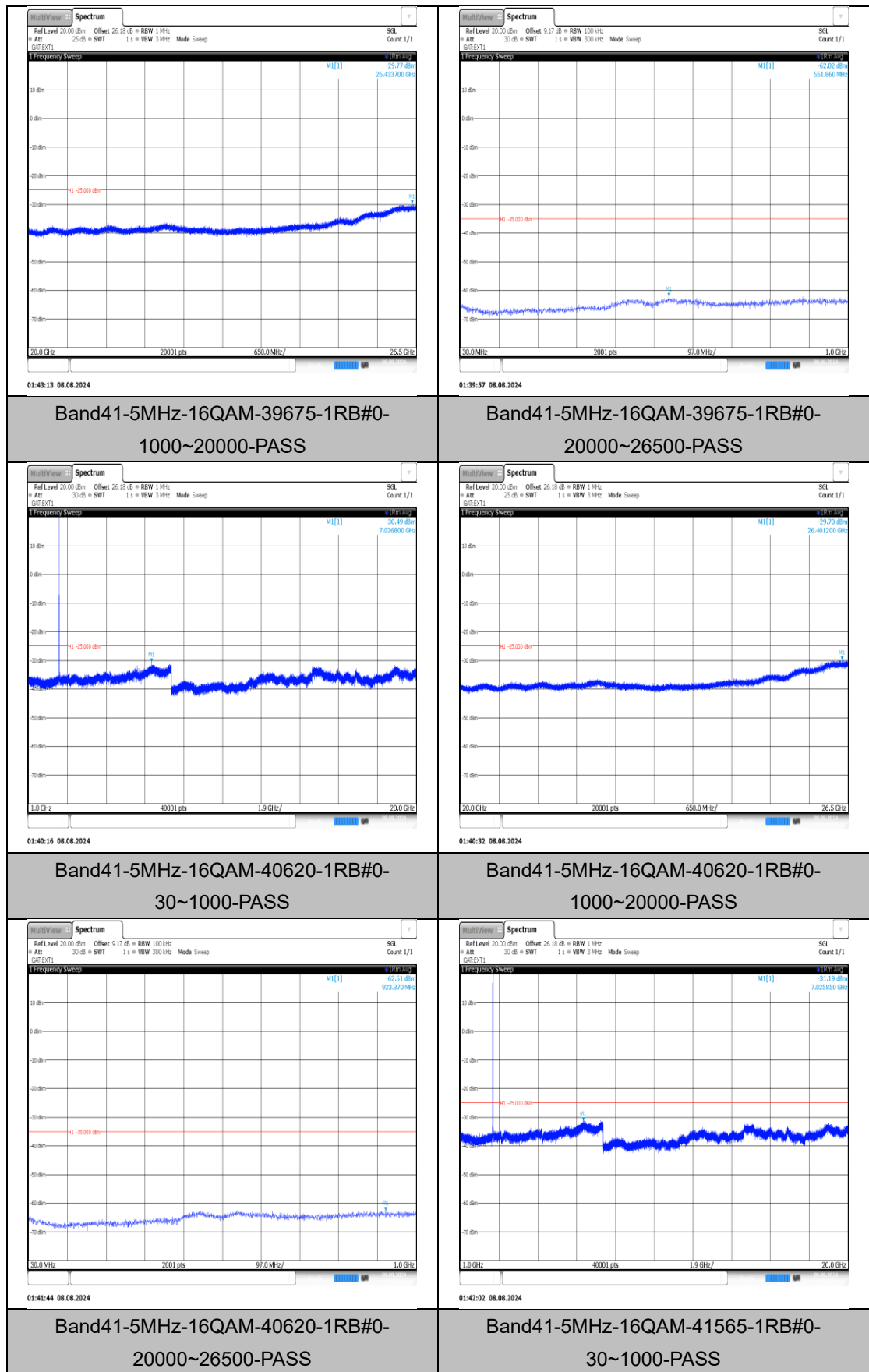
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	- 30.88	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~26500	- 29.64	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	- 62.07	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	- 26.41	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~26500	- 29.93	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	- 62.60	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	- 30.63	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~26500	- 29.94	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	- 62.64	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	- 31.12	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~26500	- 29.84	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	- 62.43	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	- 26.32	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~26500	- 29.93	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	- 62.42	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	- 25.88	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~26500	- 30.32	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	- 62.53	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	- 27.52	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~26500	- 30.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	- 62.59	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	- 27.16	PASS

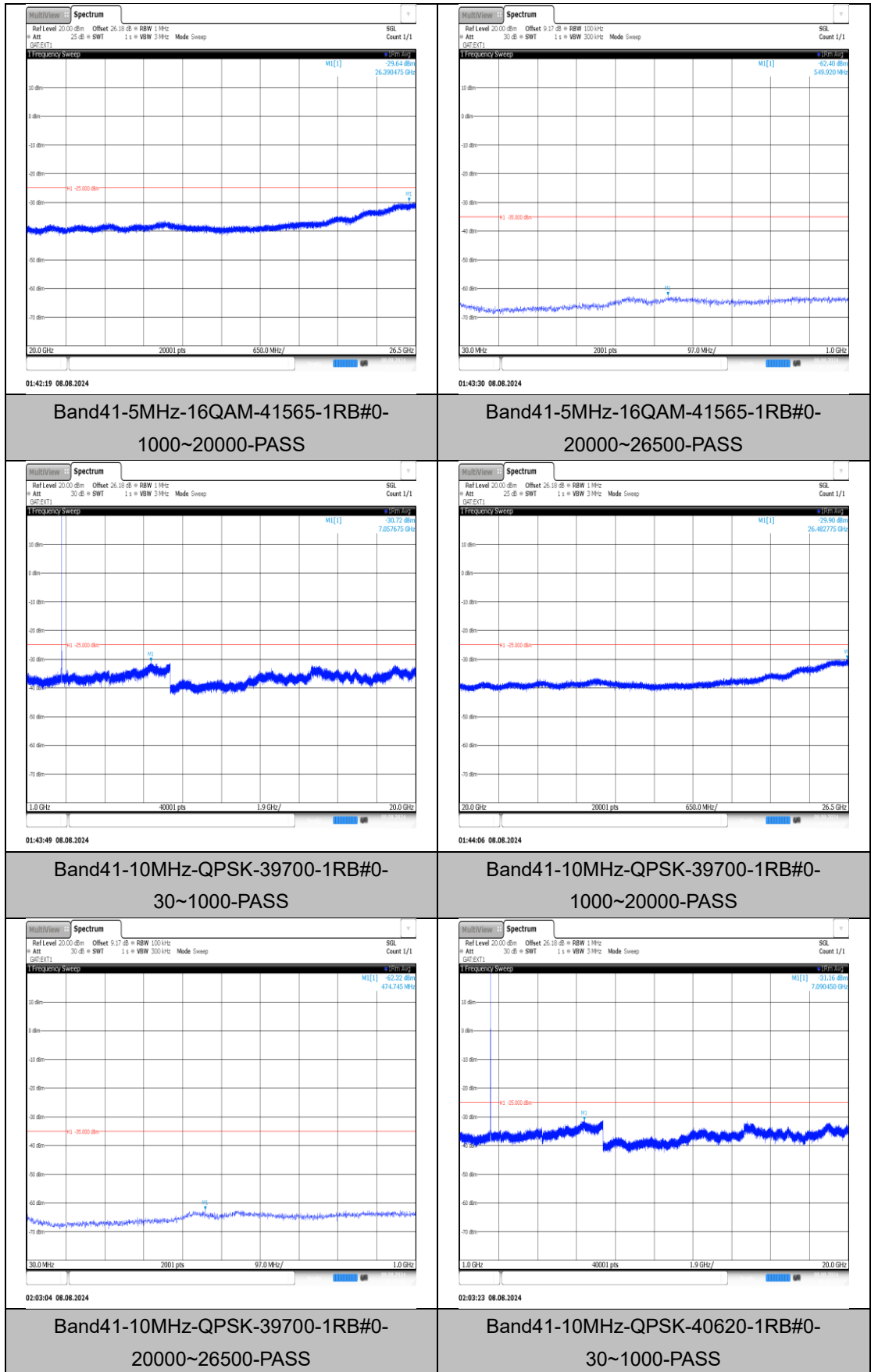
Band41	20MHz	QPSK	41490	1RB#0	20000~26500	- 30.30	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	- 62.27	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	- 25.39	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~26500	- 30.32	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	- 62.16	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	- 27.48	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~26500	- 30.27	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	- 62.21	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	- 25.98	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~26500	- 30.00	PASS

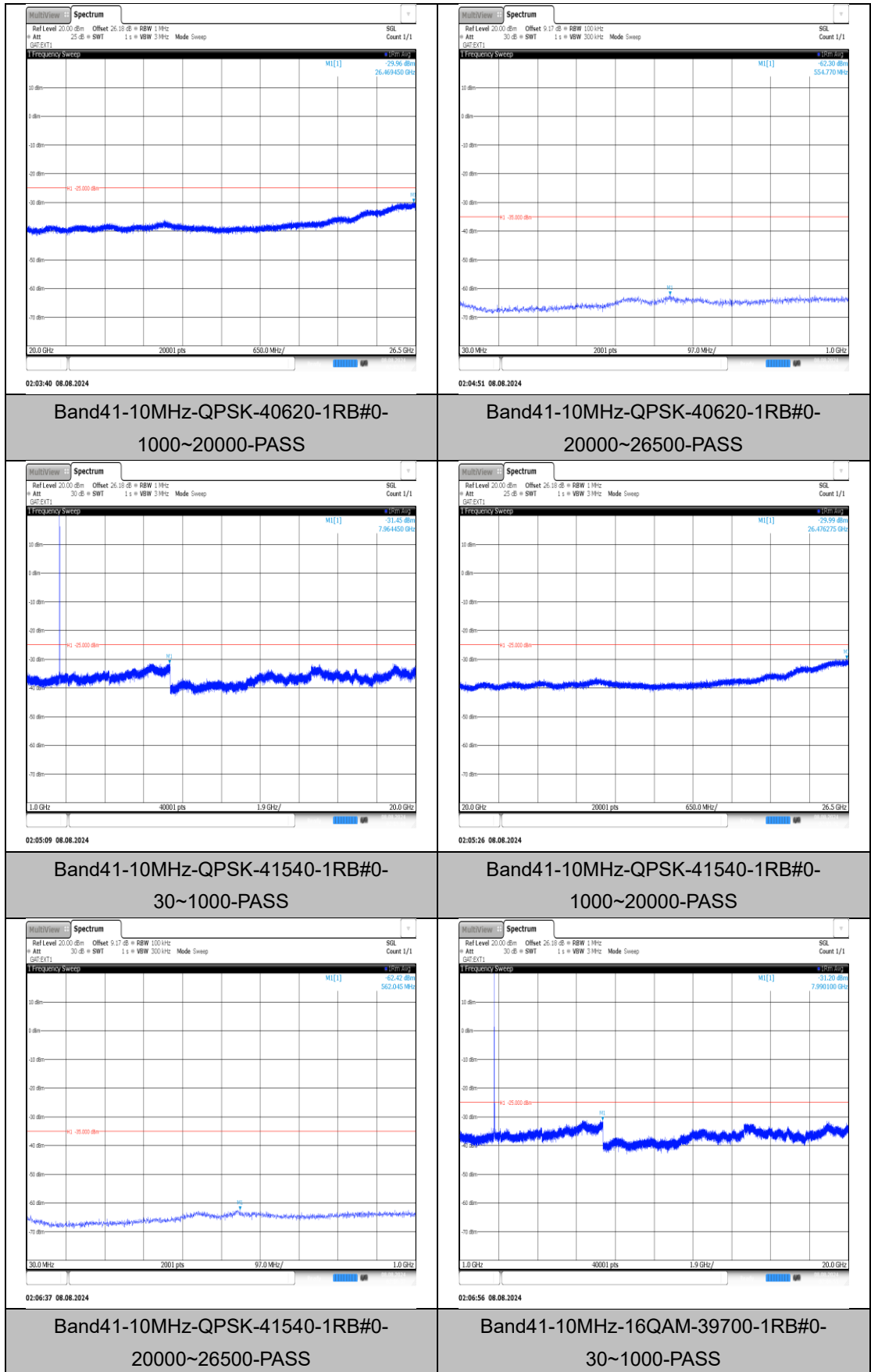
Test Graphs

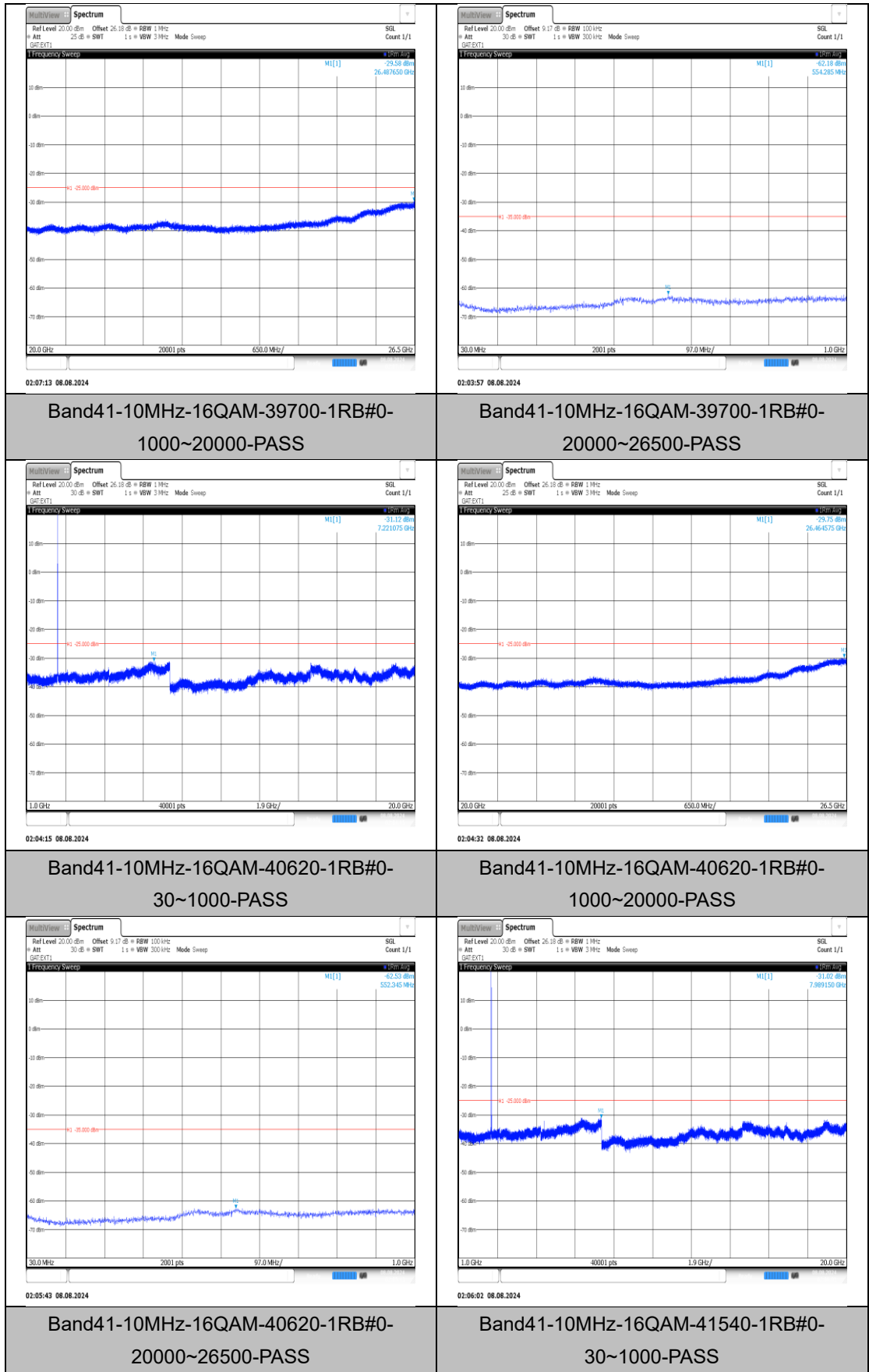


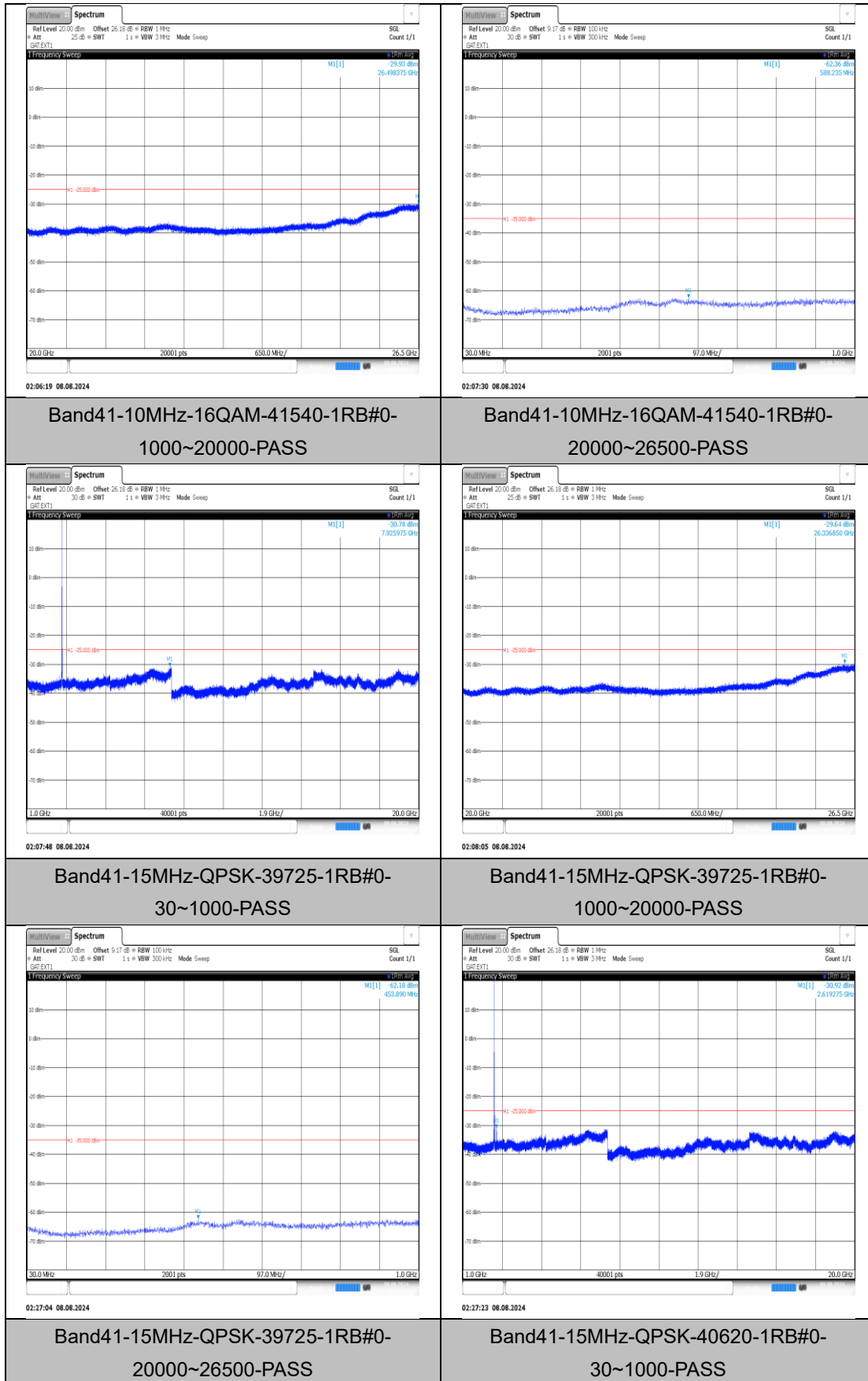


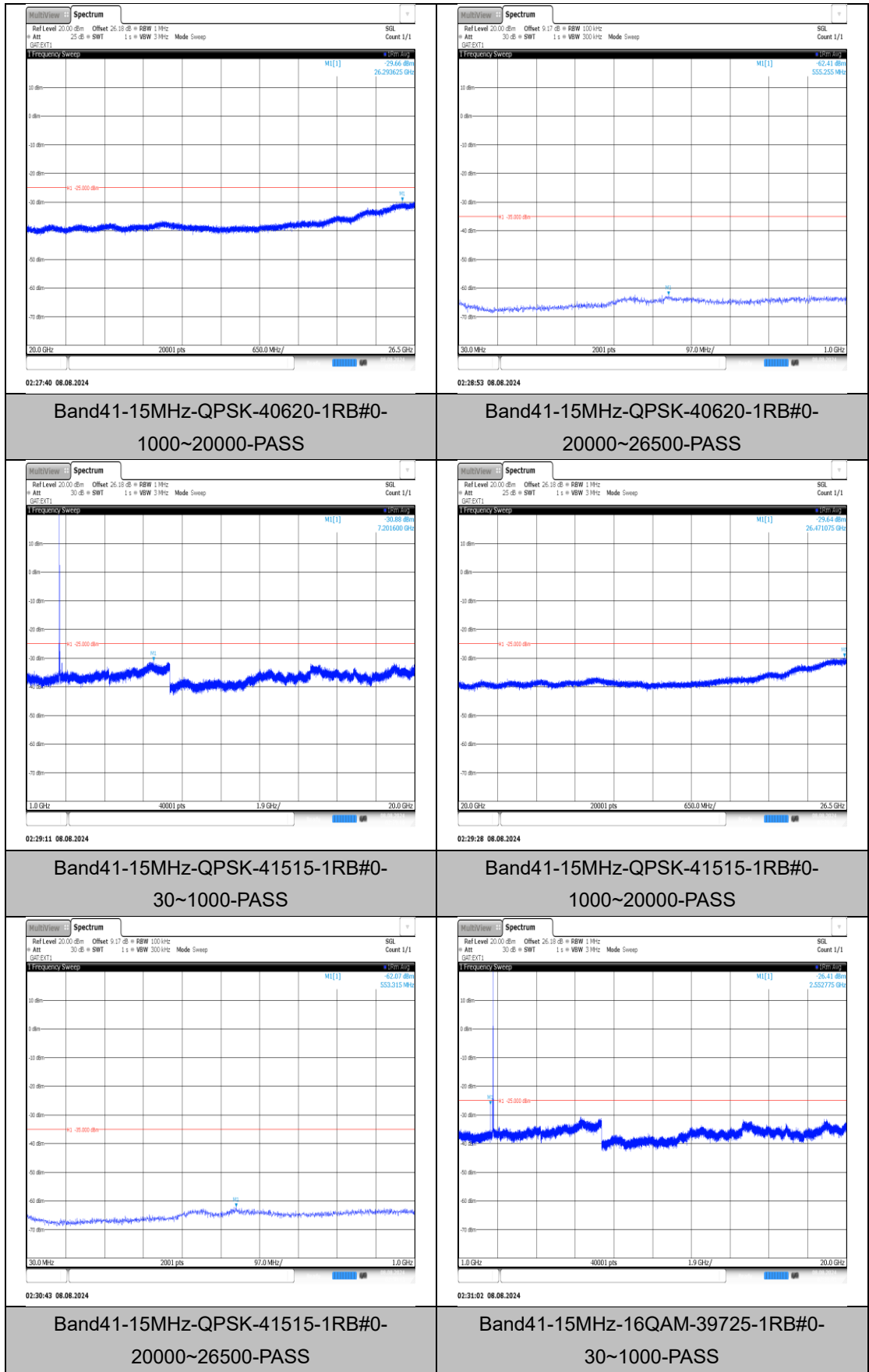


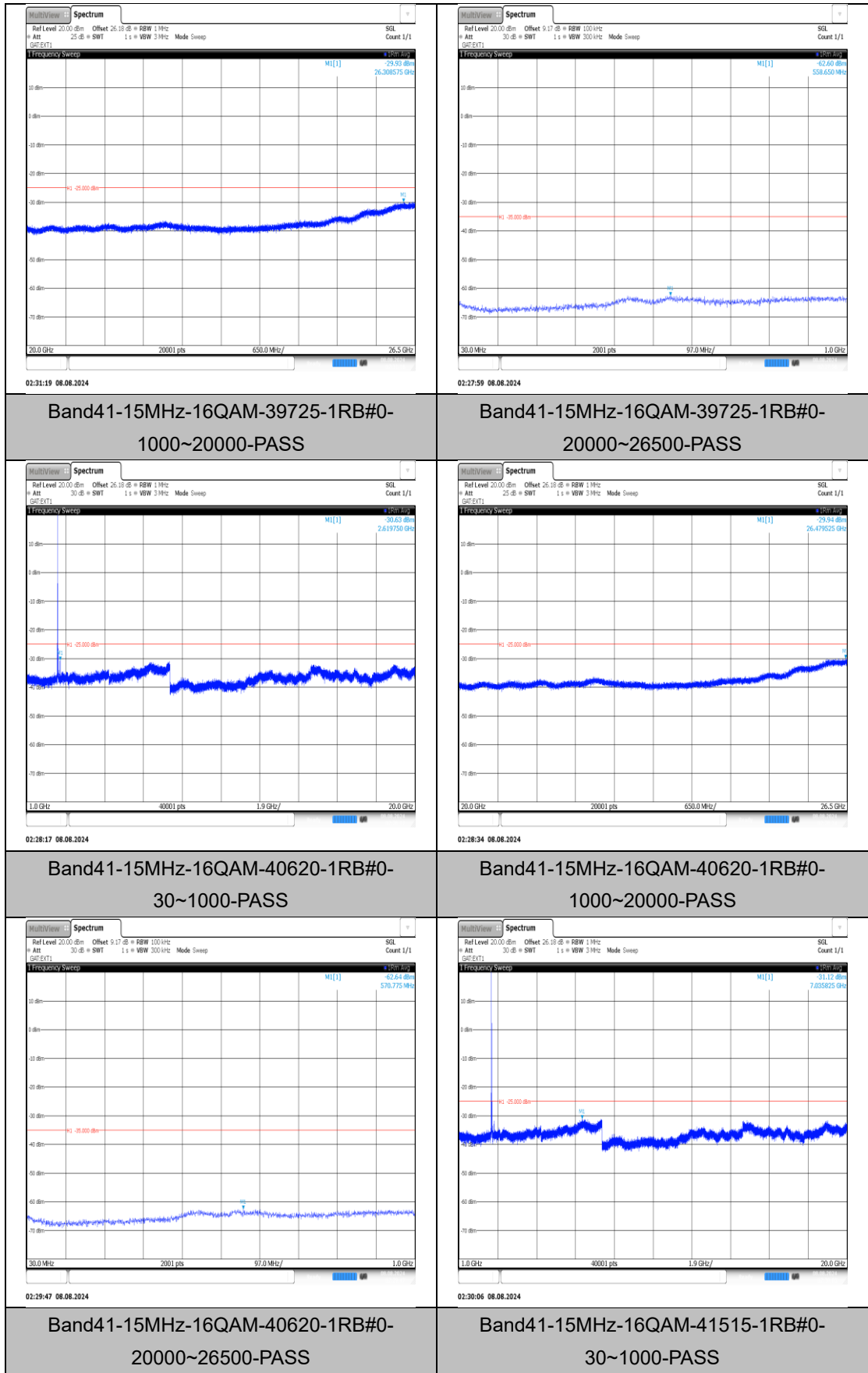


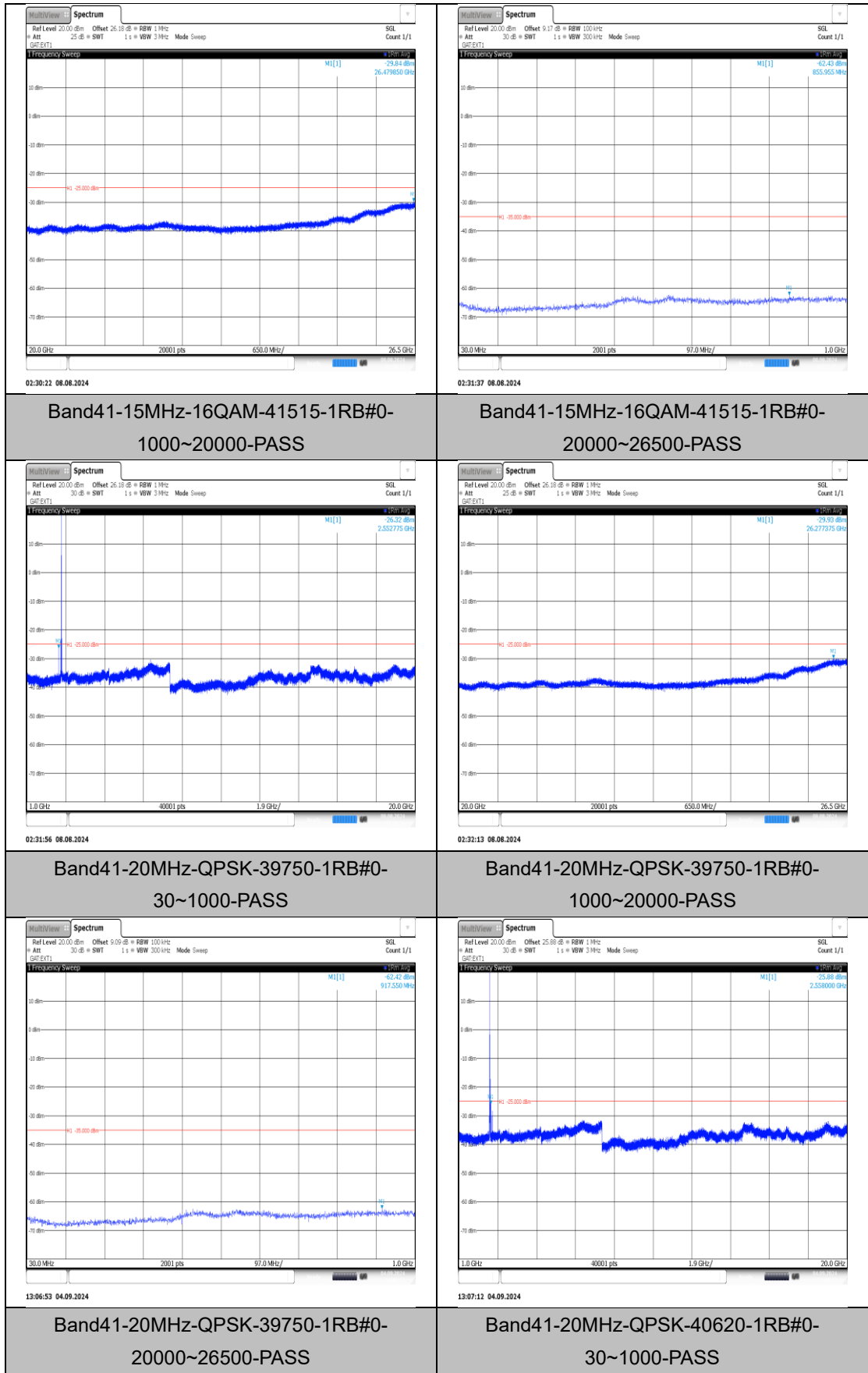


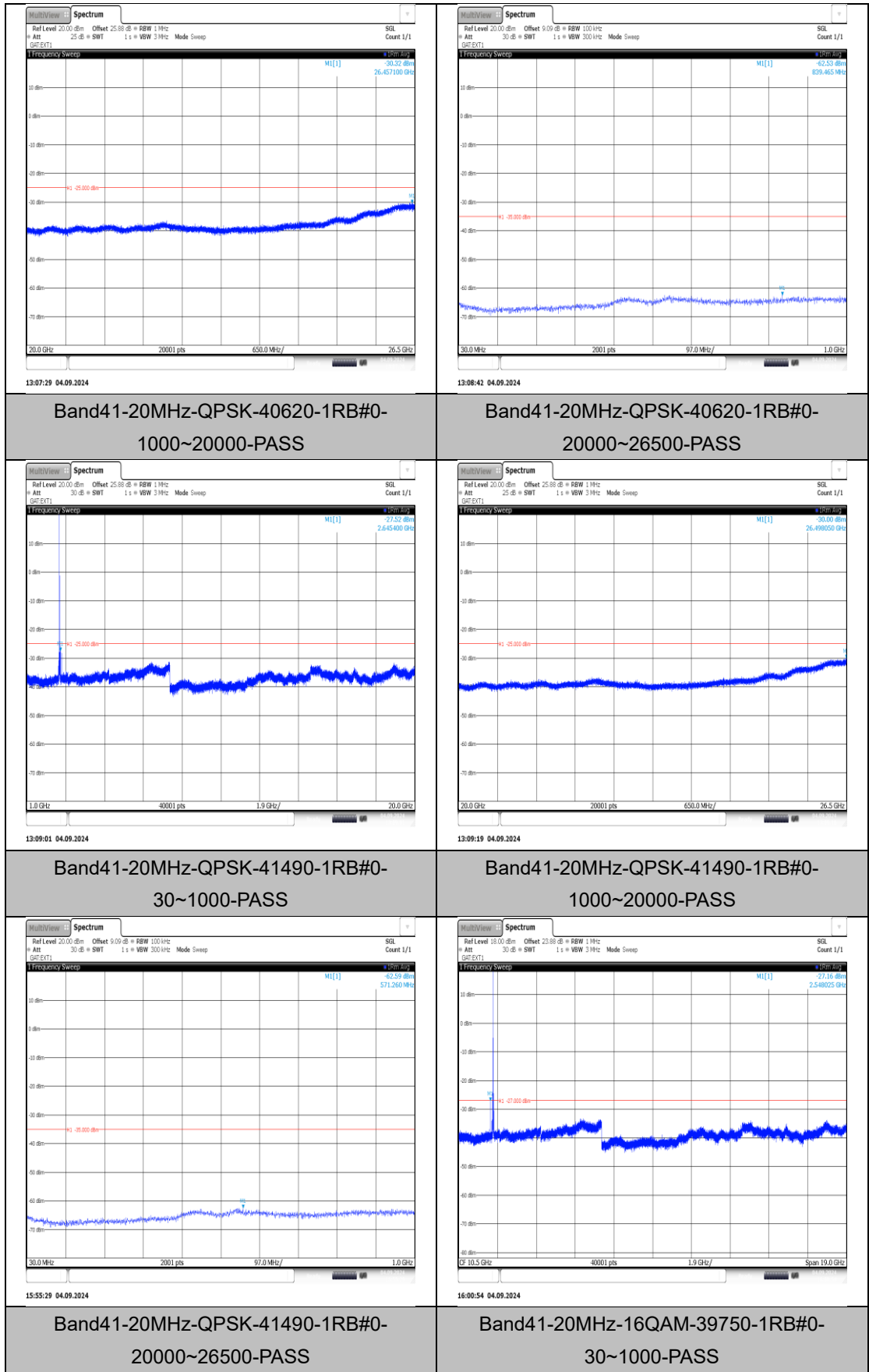


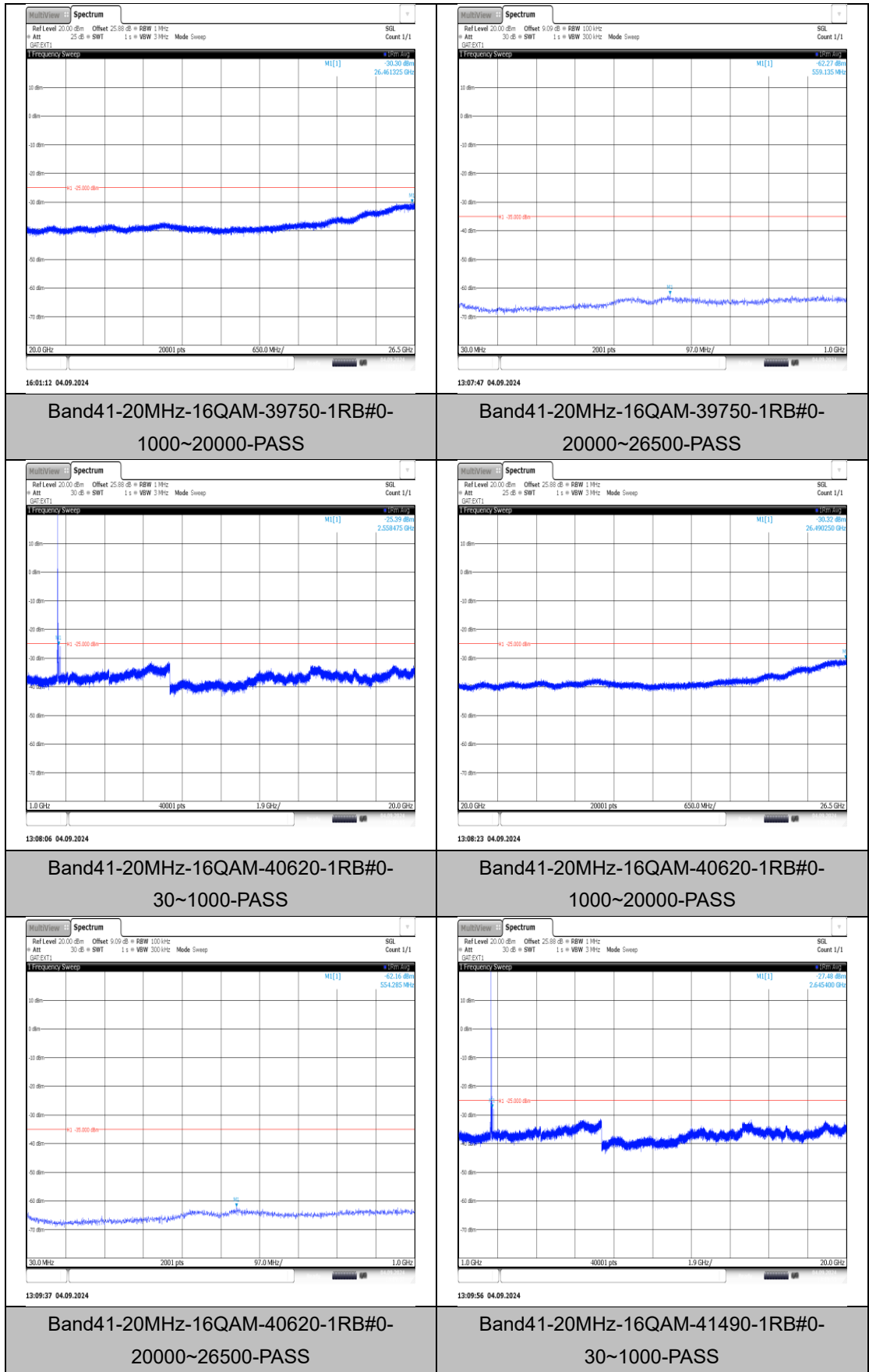


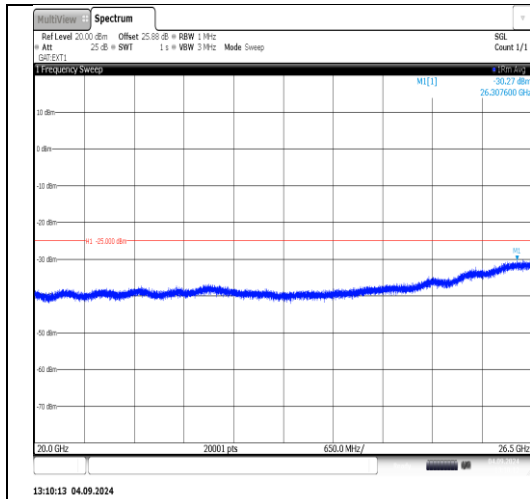




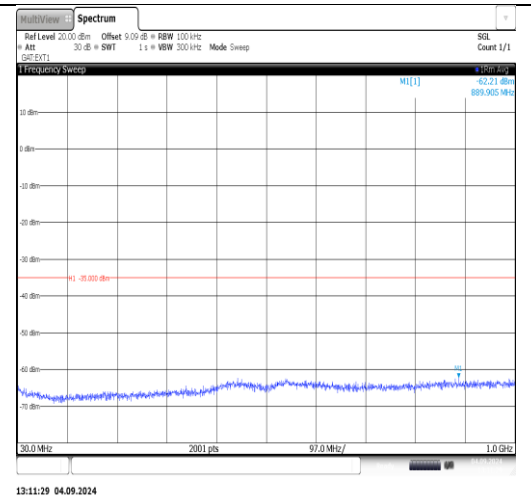




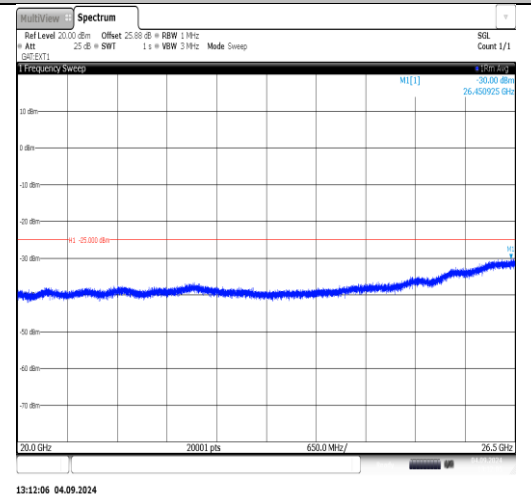
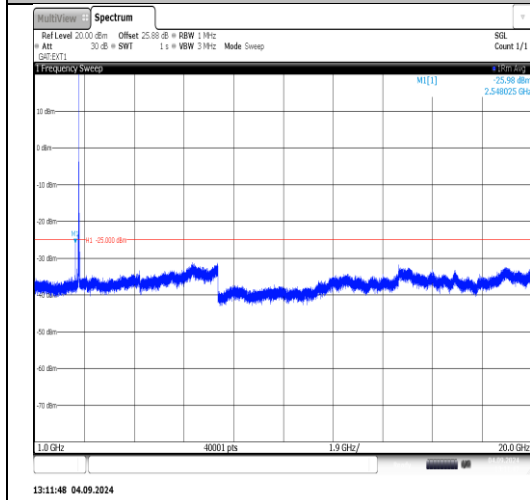




Band41-20MHz-16QAM-41490-1RB#0-
1000~20000-PASS



Band41-20MHz-16QAM-41490-1RB#0-
20000~26500-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	40.14	0.015480	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	41.43	0.015978	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	51.34	0.019799	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	52.89	0.020397	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	43.42	0.016745	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	27.38	0.010559	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	21.46	0.008276	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	34.05	0.013132	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	20.24	0.007806	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	42.04	0.016213	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	59.01	0.022757	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	18.87	0.007277	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	8.73	0.003367	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	11.66	0.004497	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	18.54	0.007150	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	25.09	0.009676	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	31.66	0.012210	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	34.25	0.013209	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	47.21	0.018207	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	55.07	0.021238	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	35.26	0.013598	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	43.04	0.016599	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	9.86	0.003803	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	22.06	0.008508	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	40.73	0.015708	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	43.47	0.016764	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	21.73	0.008380	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	28.15	0.010856	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	40.57	0.015646	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	52.36	0.020193	±2.5	PASS

Band41	15MHz	QPSK	40620	75RB#0	NV	-30	45.03	0.017366	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	13.05	0.005033	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	28.80	0.011107	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	50.75	0.019572	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	-9.64	-0.003718	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	22.23	0.008573	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	37.26	0.014369	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	52.47	0.020235	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	29.27	0.011288	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	63.86	0.024628	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	51.61	0.019904	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	16.16	0.006232	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	52.43	0.020220	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	12.43	0.004794	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	42.04	0.016213	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	29.64	0.011431	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	50.54	0.019491	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	12.27	0.004732	±2.5	PASS