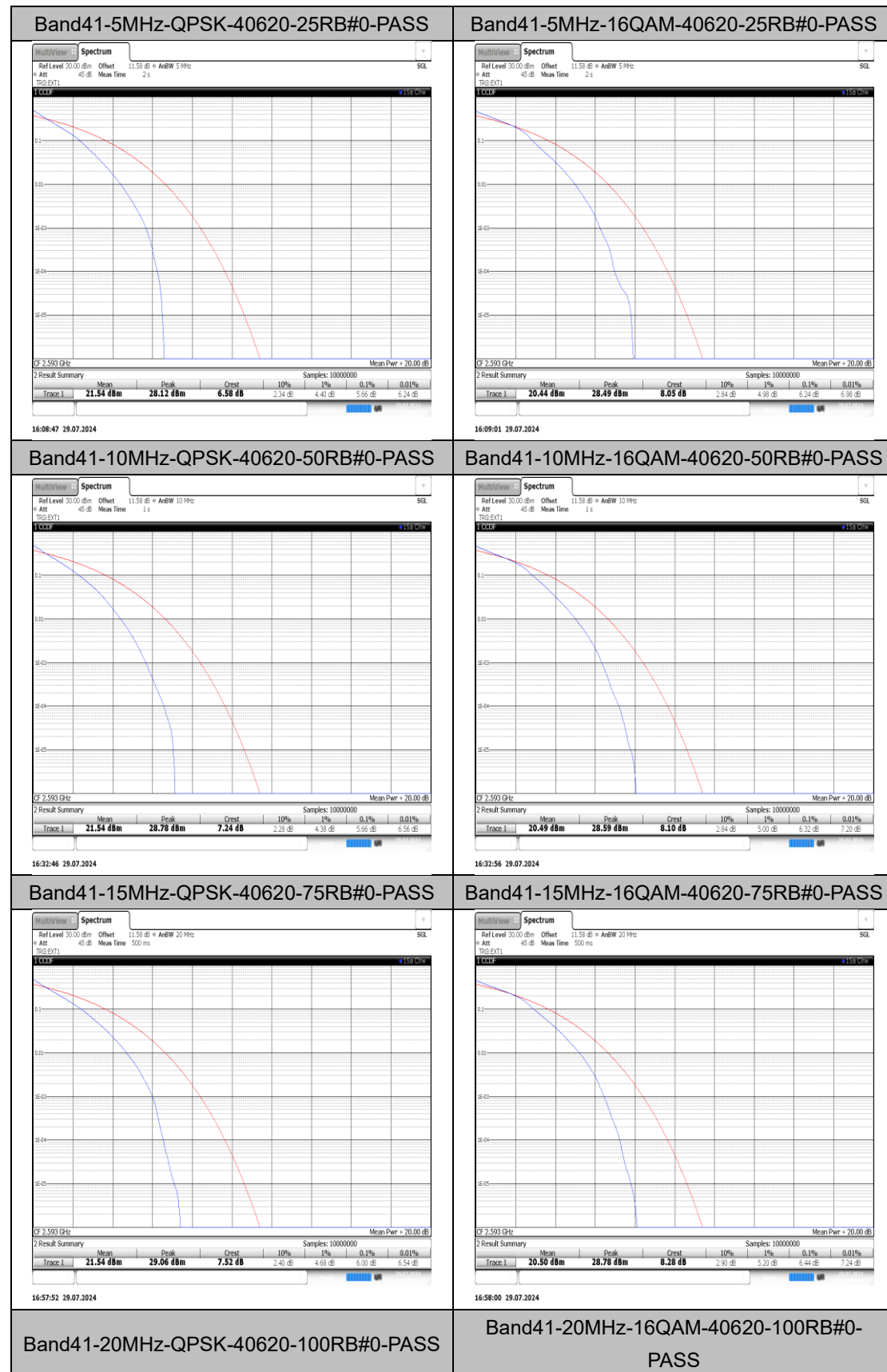


Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	5.66	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.24	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.66	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.32	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.00	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.44	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.66	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.38	13	PASS

Test Graphs

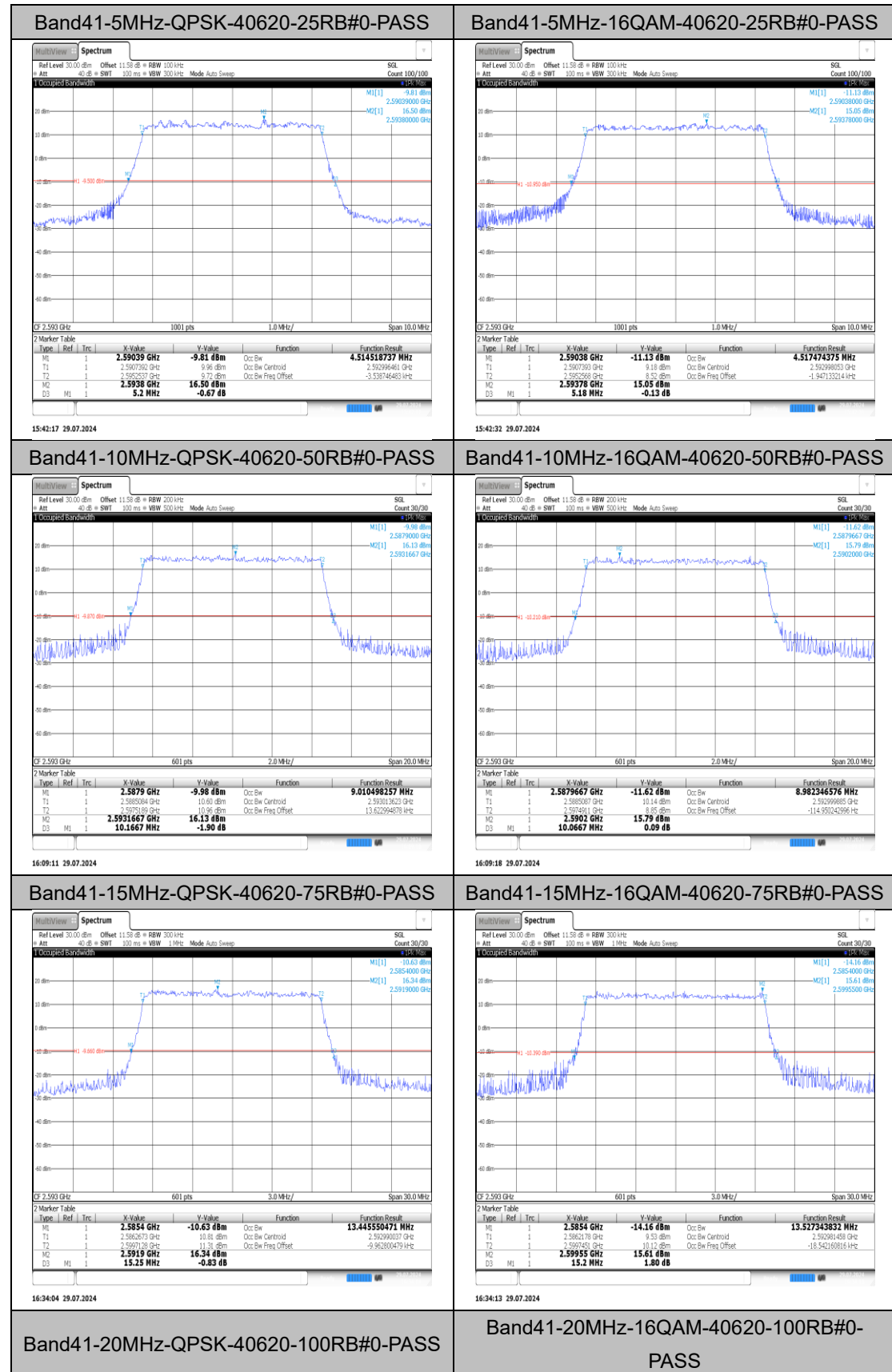


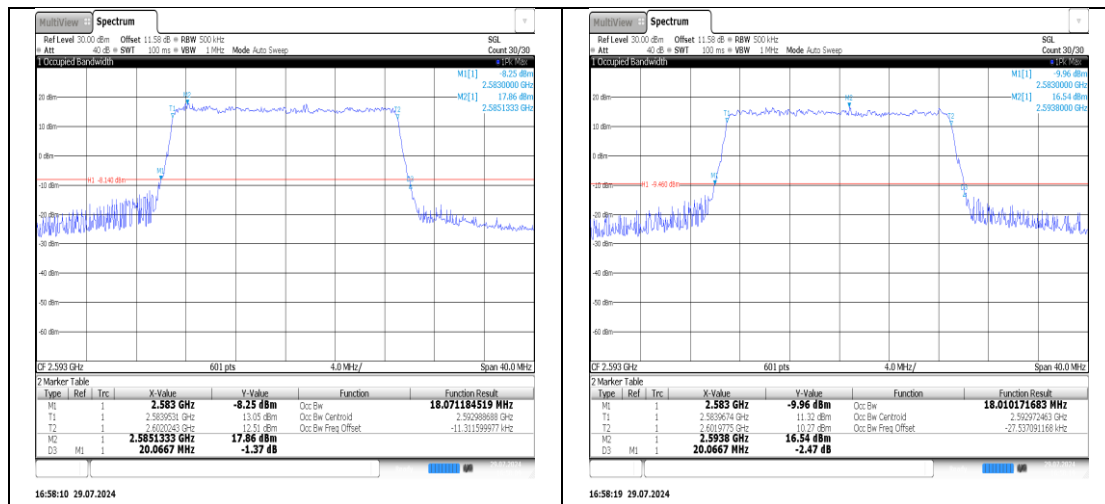
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	4.515	5.20	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.517	5.18	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.01	10.17	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.982	10.07	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.446	15.25	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.527	15.20	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.071	20.07	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.01	20.07	PASS

Test Graphs





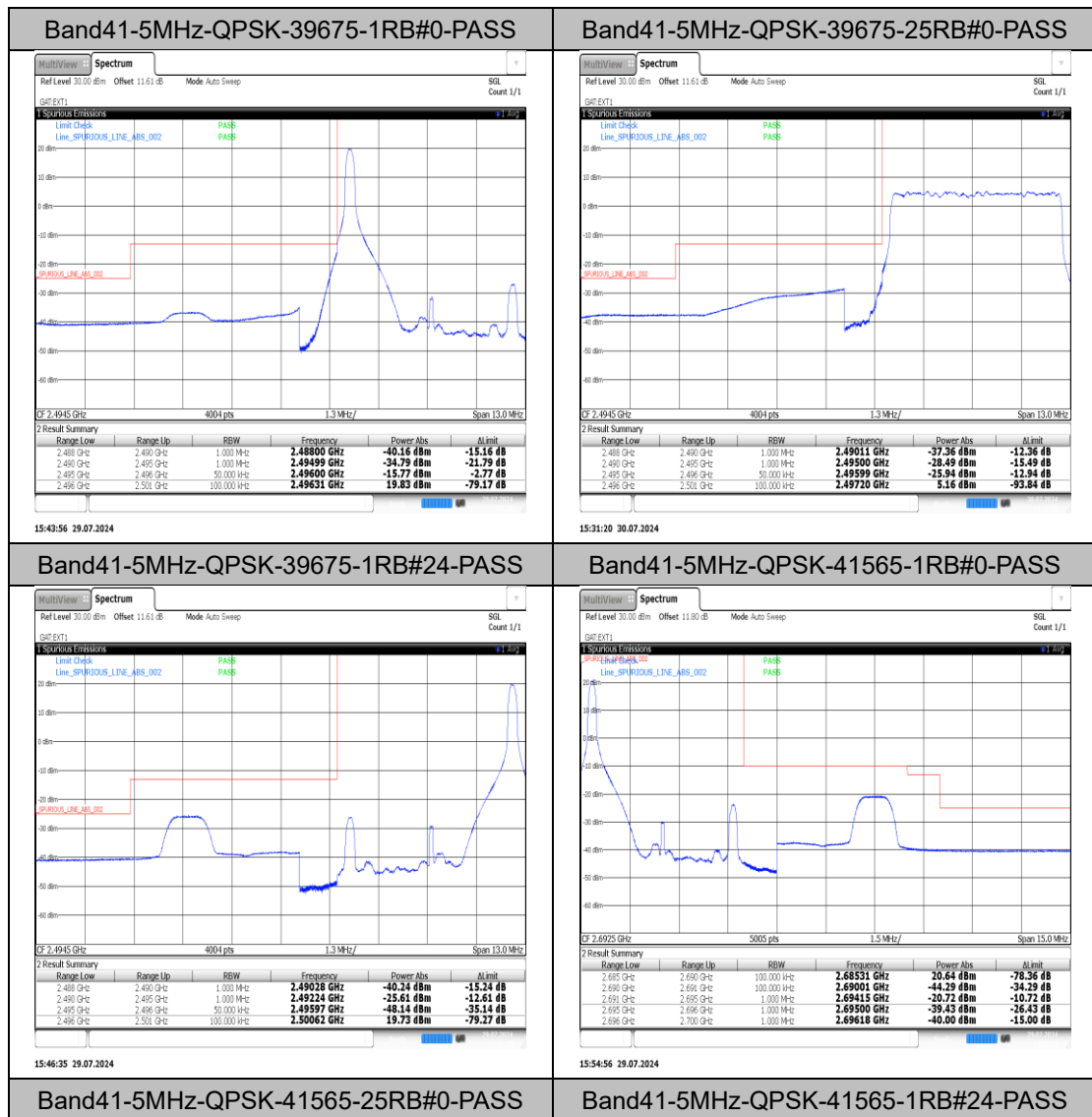
Appendix D: Band Edge

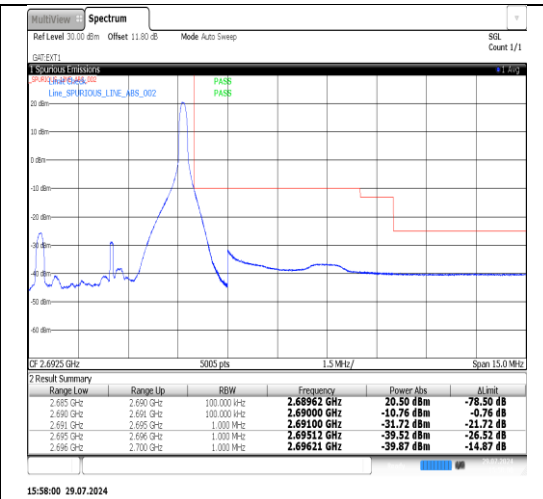
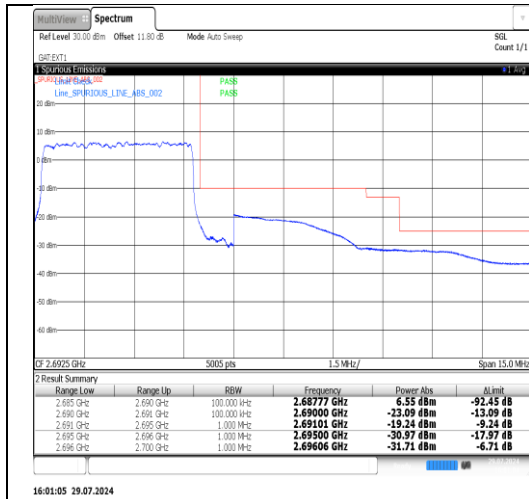
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-15.77	PASS
Band41	5MHz	QPSK	39675	25RB#0	-37.36	PASS
Band41	5MHz	QPSK	39675	1RB#24	-25.61	PASS
Band41	5MHz	QPSK	41565	1RB#0	-20.72	PASS
Band41	5MHz	QPSK	41565	25RB#0	-31.71	PASS
Band41	5MHz	QPSK	41565	1RB#24	-10.76	PASS
Band41	5MHz	16QAM	39675	1RB#0	-16.81	PASS
Band41	5MHz	16QAM	39675	25RB#0	-37.45	PASS
Band41	5MHz	16QAM	39675	1RB#24	-27.41	PASS
Band41	5MHz	16QAM	41565	1RB#0	-22.71	PASS
Band41	5MHz	16QAM	41565	25RB#0	-32.94	PASS
Band41	5MHz	16QAM	41565	1RB#24	-13.19	PASS
Band41	10MHz	QPSK	39700	1RB#0	-17.81	PASS
Band41	10MHz	QPSK	39700	50RB#0	-36.88	PASS
Band41	10MHz	QPSK	39700	1RB#49	-26.21	PASS
Band41	10MHz	QPSK	41540	1RB#0	-17.75	PASS
Band41	10MHz	QPSK	41540	50RB#0	-34.26	PASS
Band41	10MHz	QPSK	41540	1RB#49	-13.71	PASS
Band41	10MHz	16QAM	39700	1RB#0	-19.40	PASS
Band41	10MHz	16QAM	39700	50RB#0	-36.71	PASS
Band41	10MHz	16QAM	39700	1RB#49	-28.06	PASS
Band41	10MHz	16QAM	41540	1RB#0	-19.92	PASS
Band41	10MHz	16QAM	41540	50RB#0	-33.82	PASS
Band41	10MHz	16QAM	41540	1RB#49	-15.19	PASS
Band41	15MHz	QPSK	39725	1RB#0	-19.25	PASS
Band41	15MHz	QPSK	39725	75RB#0	-36.14	PASS
Band41	15MHz	QPSK	39725	1RB#74	-39.12	PASS
Band41	15MHz	QPSK	41515	1RB#0	-16.21	PASS
Band41	15MHz	QPSK	41515	75RB#0	-33.13	PASS
Band41	15MHz	QPSK	41515	1RB#74	-14.59	PASS
Band41	15MHz	16QAM	39725	1RB#0	-19.29	PASS
Band41	15MHz	16QAM	39725	75RB#0	-36.11	PASS
Band41	15MHz	16QAM	39725	1RB#74	-39.37	PASS
Band41	15MHz	16QAM	41515	1RB#0	-18.22	PASS
Band41	15MHz	16QAM	41515	75RB#0	-33.74	PASS
Band41	15MHz	16QAM	41515	1RB#74	-18.11	PASS
Band41	20MHz	QPSK	39750	1RB#0	-22.60	PASS

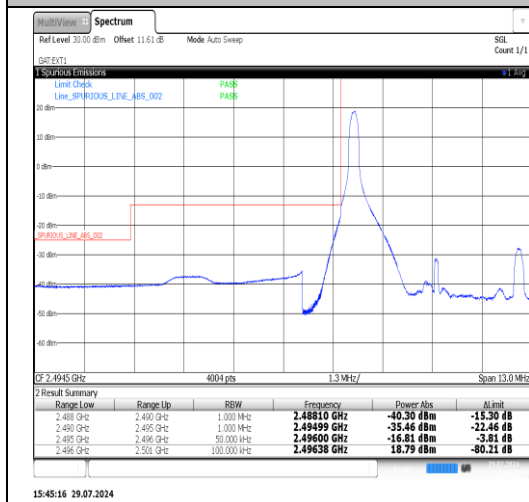
Band41	20MHz	QPSK	39750	100RB#0	-37.03	PASS
Band41	20MHz	QPSK	39750	1RB#99	-39.28	PASS
Band41	20MHz	QPSK	41490	1RB#0	-18.89	PASS
Band41	20MHz	QPSK	41490	100RB#0	-35.83	PASS
Band41	20MHz	QPSK	41490	1RB#99	-17.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	-22.79	PASS
Band41	20MHz	16QAM	39750	100RB#0	-36.57	PASS
Band41	20MHz	16QAM	39750	1RB#99	-39.59	PASS
Band41	20MHz	16QAM	41490	1RB#0	-20.37	PASS
Band41	20MHz	16QAM	41490	100RB#0	-36.02	PASS
Band41	20MHz	16QAM	41490	1RB#99	-16.86	PASS

Test Graphs

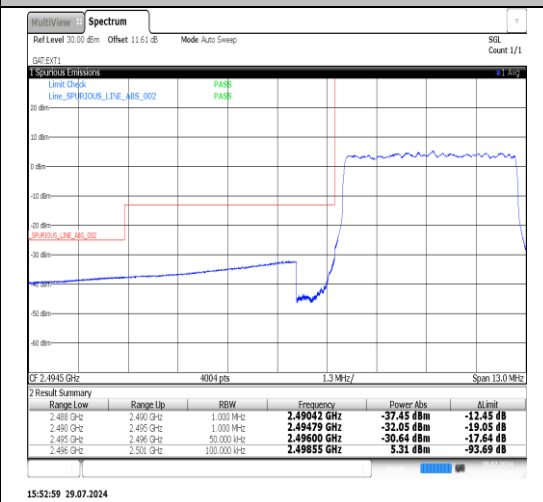




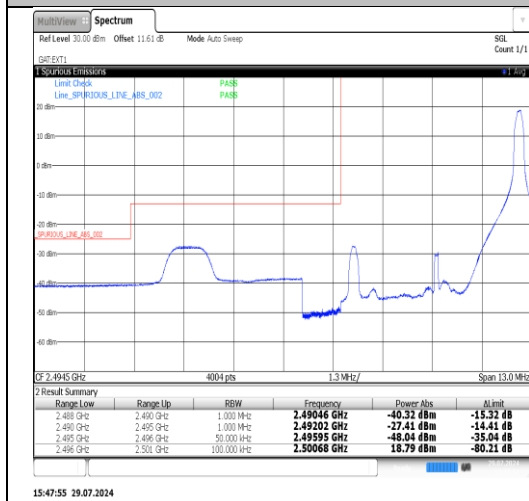
Band41-5MHz-16QAM-39675-1RB#0-PASS



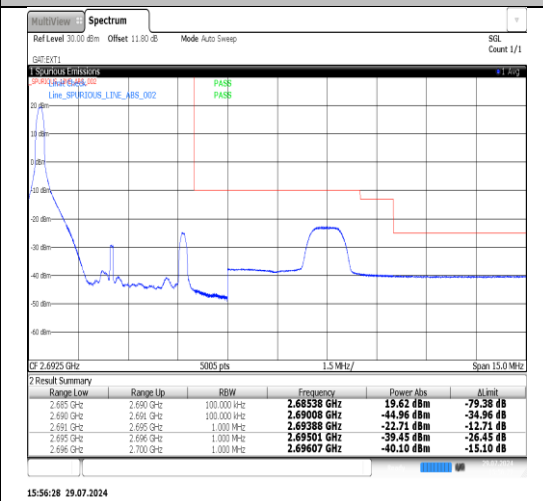
Band41-5MHz-16QAM-39675-25RB#0-PASS



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

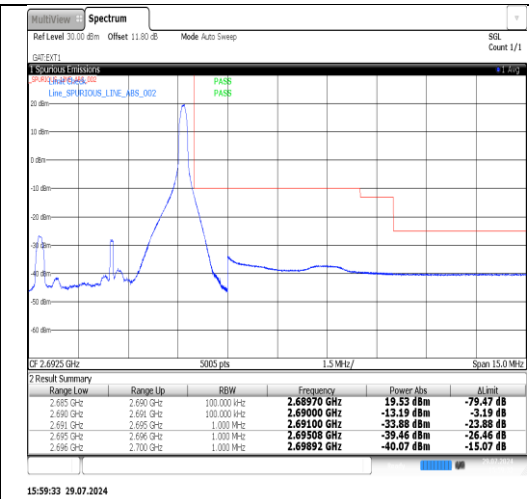
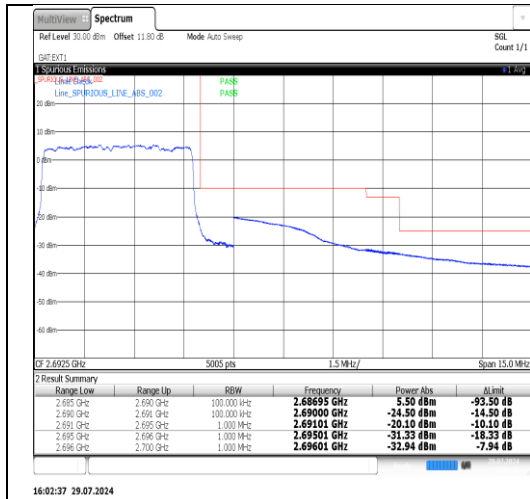


Band41-5MHz-16QAM-41565-1RB#0-PASS

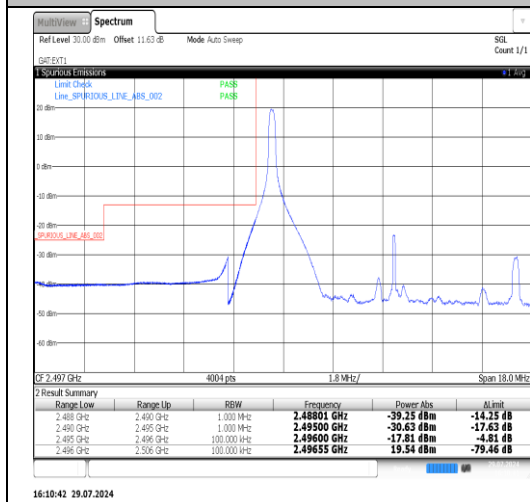


Band41-5MHz-16QAM-41565-25RB#0-PASS

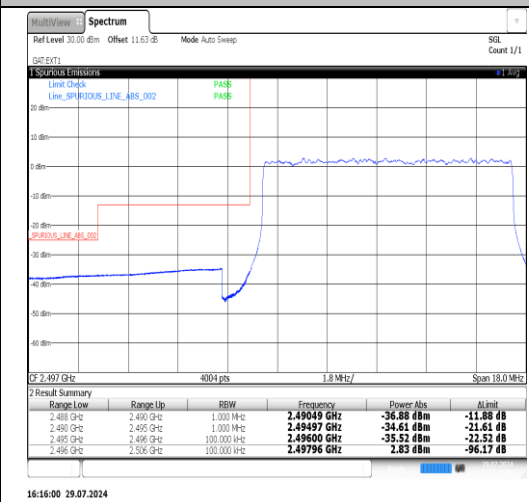
Band41-5MHz-16QAM-41565-1RB#24-PASS



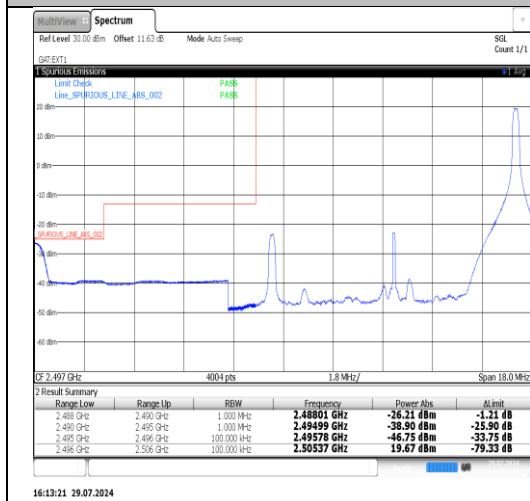
Band41-10MHz-QPSK-39700-1RB#0-PASS



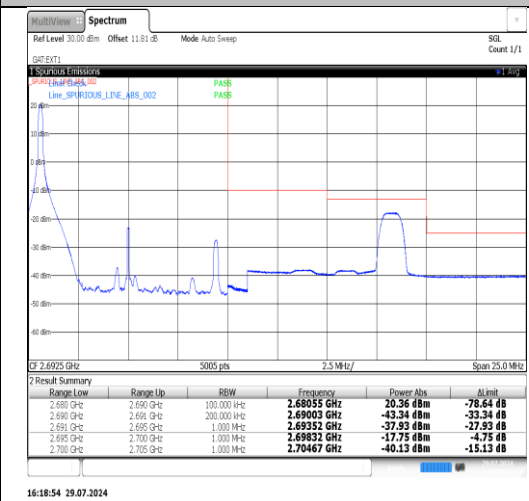
Band41-10MHz-QPSK-39700-50RB#0-PASS



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

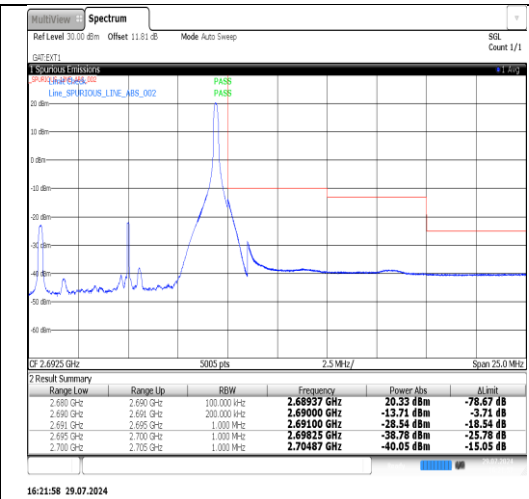
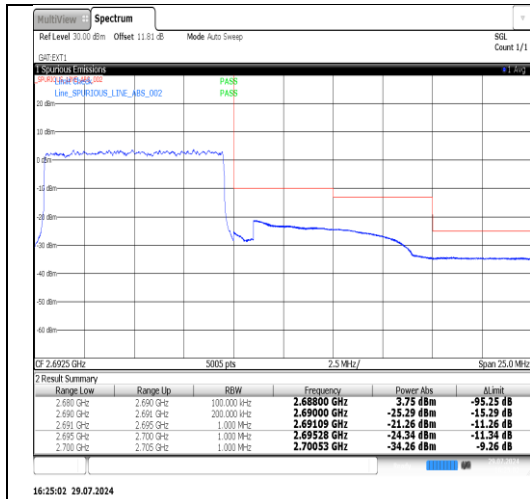


Band41-10MHz-QPSK-41540-1RB#0-PASS



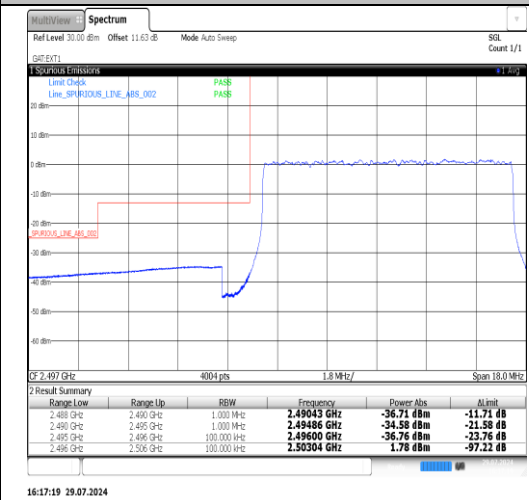
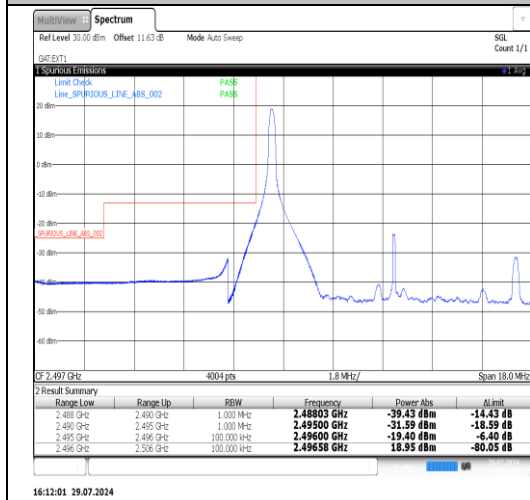
Band41-10MHz-QPSK-41540-50RB#0-PASS

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



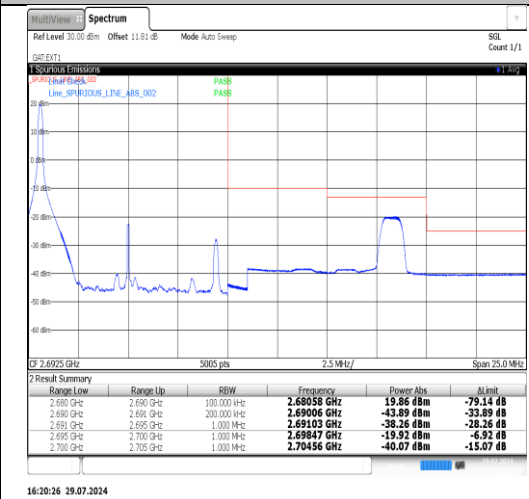
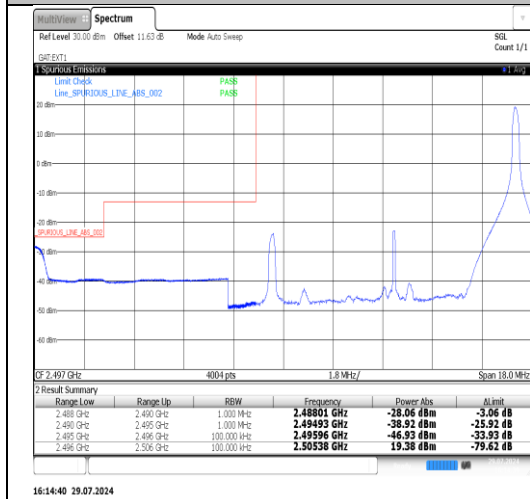
Band41-10MHz-16QAM-39700-1RB#0-PASS

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



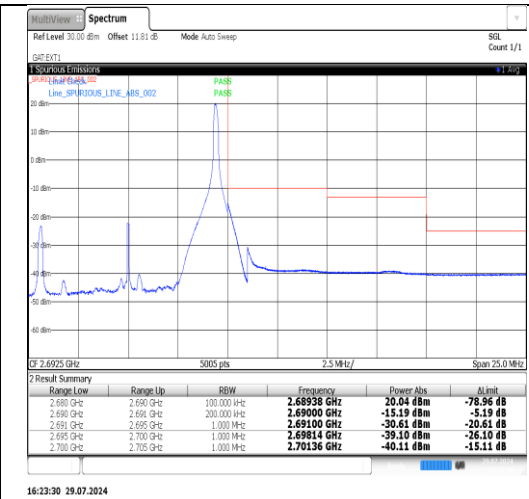
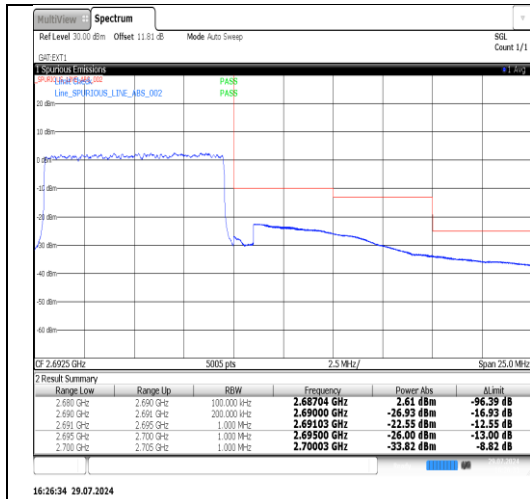
Band41-10MHz-16QAM-39700-1RB#49-PASS

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

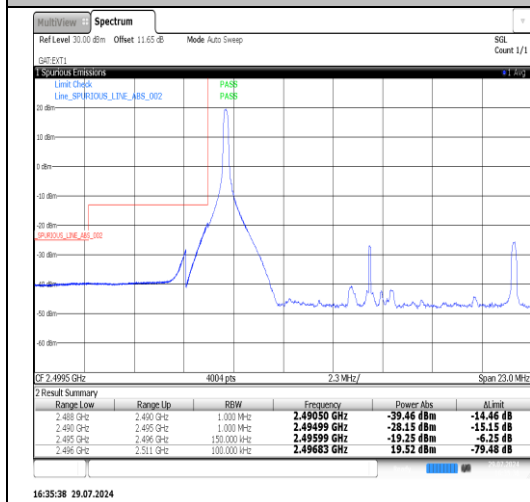


Band41-10MHz-16QAM-41540-50RB#0-PASS

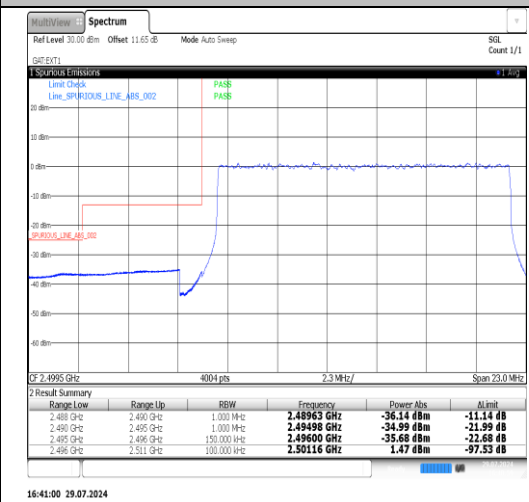
Band41-10MHz-16QAM-41540-1RB#49-PASS



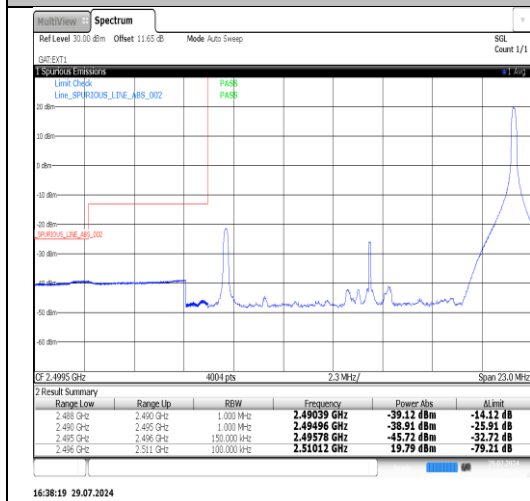
Band41-15MHz-QPSK-39725-1RB#0-PASS



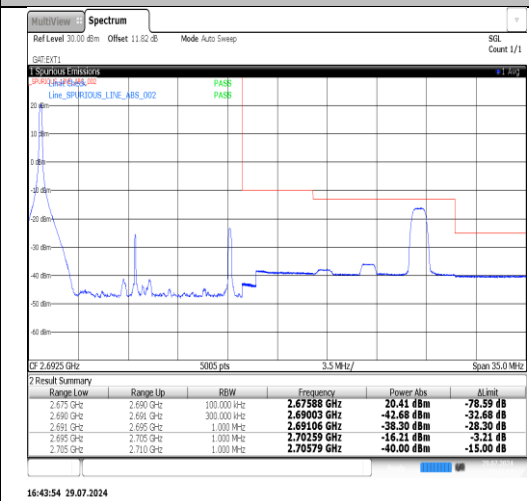
Band41-15MHz-QPSK-39725-75RB#0-PASS



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

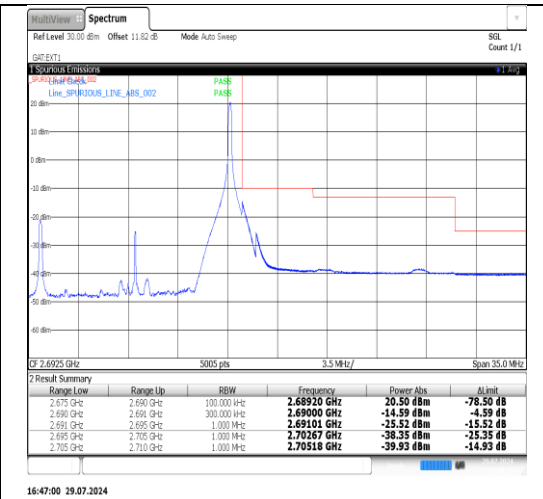
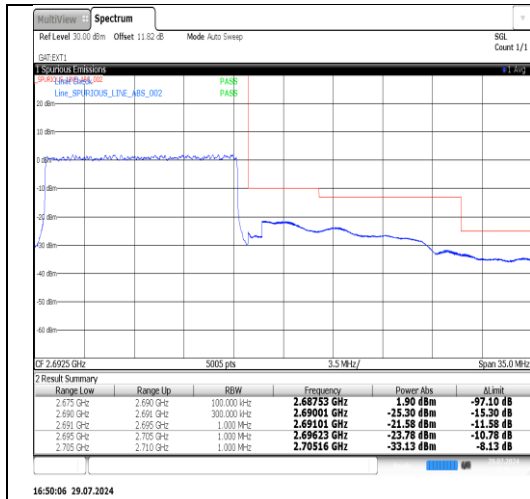


Band41-15MHz-QPSK-41515-1RB#0-PASS



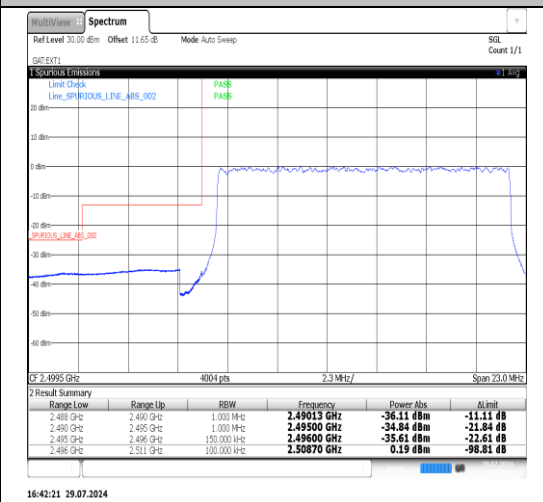
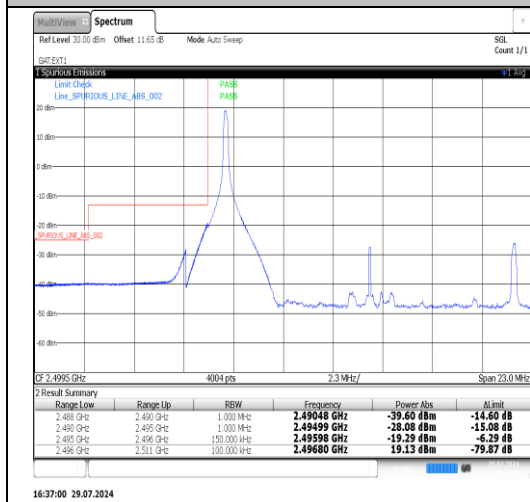
Band41-15MHz-QPSK-41515-75RB#0-PASS

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



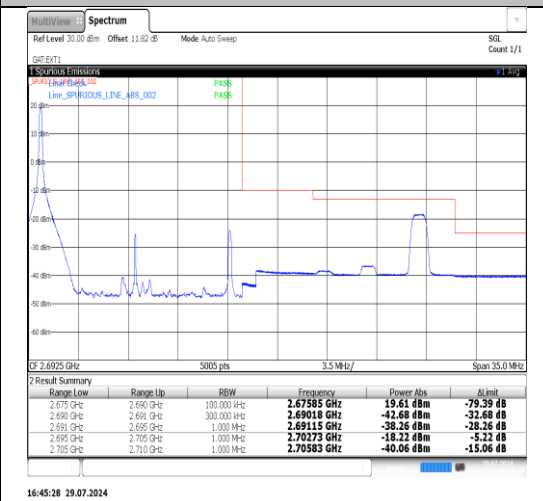
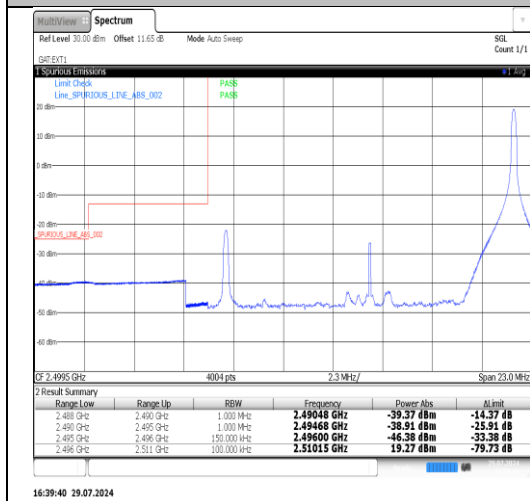
Band41-15MHz-16QAM-39725-1RB#0-PASS

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



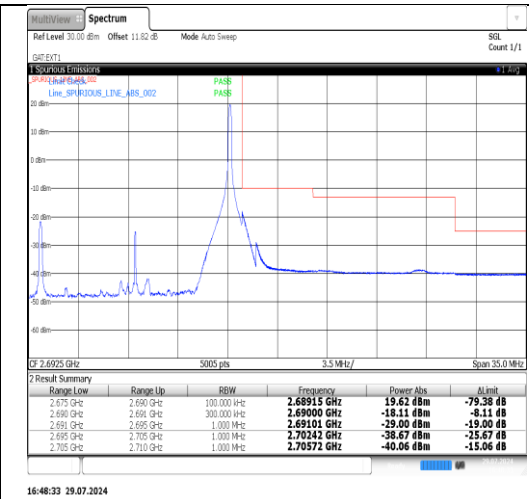
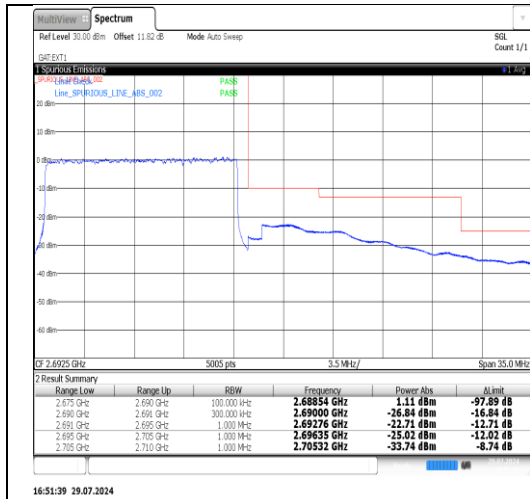
Band41-15MHz-16QAM-39725-1RB#74-PASS

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

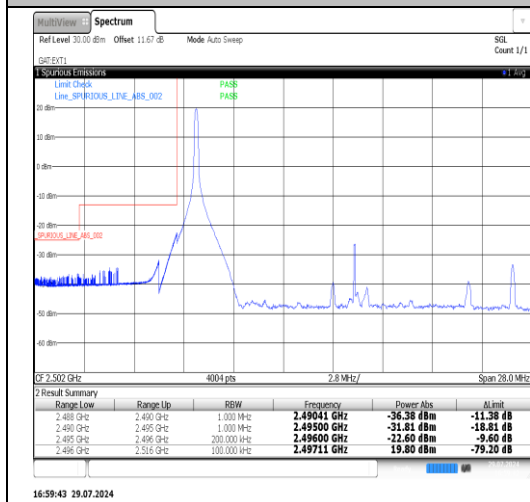


Band41-15MHz-16QAM-41515-75RB#0-PASS

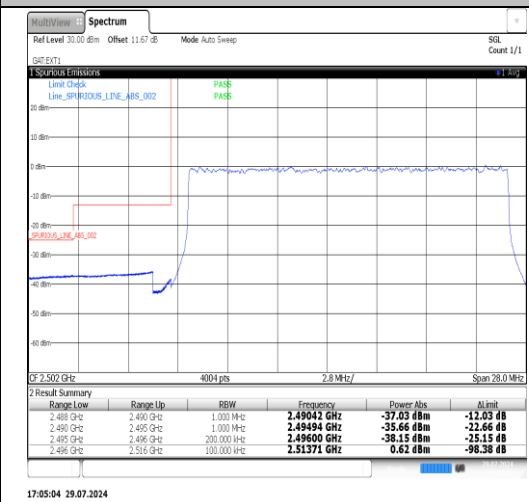
Band41-15MHz-16QAM-41515-1RB#74-PASS



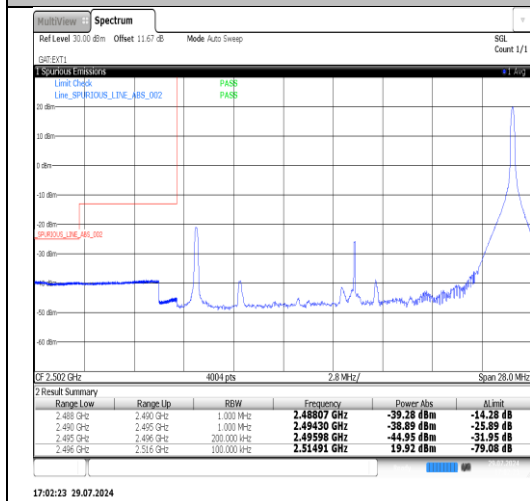
Band41-20MHz-QPSK-39750-1RB#0-PASS



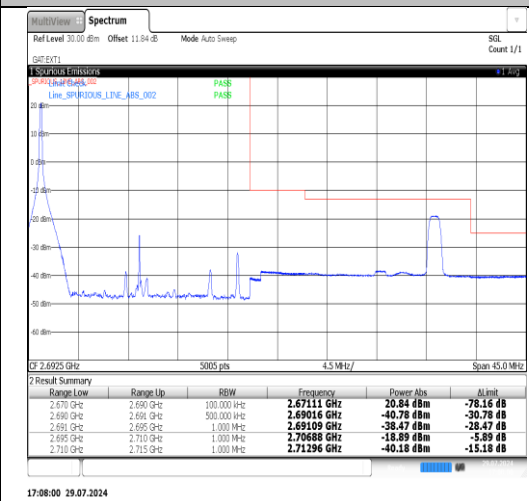
Band41-20MHz-QPSK-39750-100RB#0-PASS



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

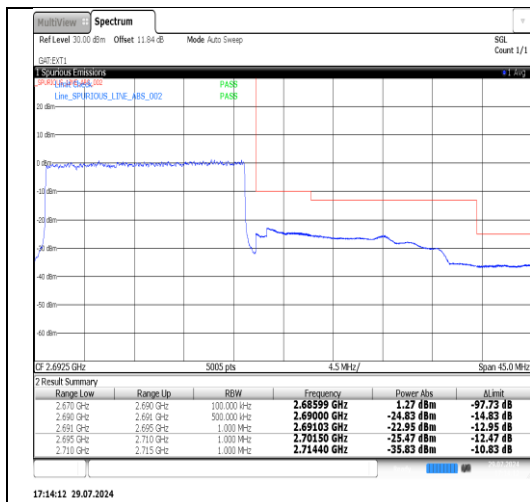


Band41-20MHz-QPSK-41490-1RB#0-PASS

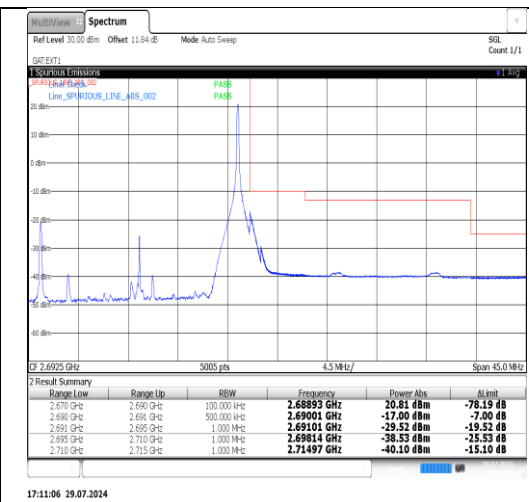


Band41-20MHz-QPSK-41490-100RB#0-PASS

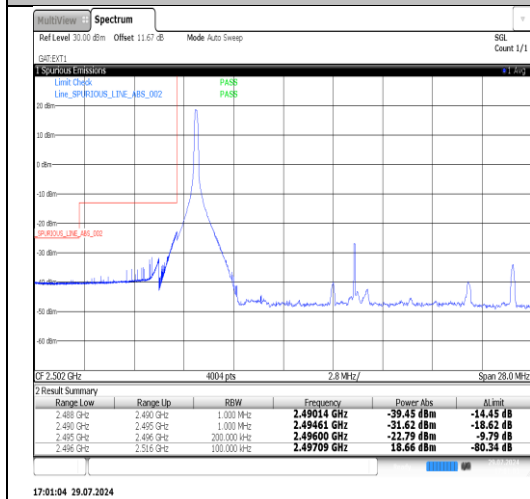
Band41-20MHz-QPSK-41490-1RB#99-PASS



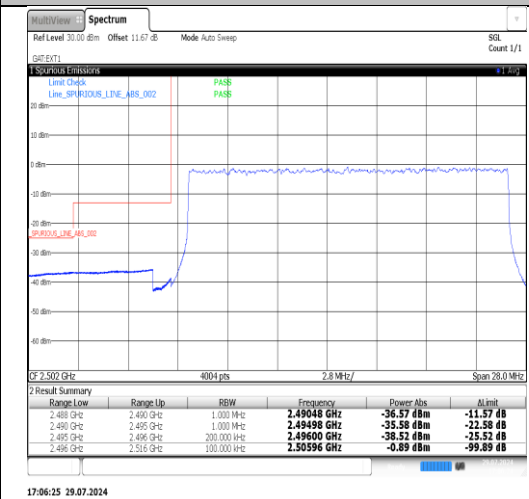
Band41-20MHz-16QAM-39750-1RB#0-PASS



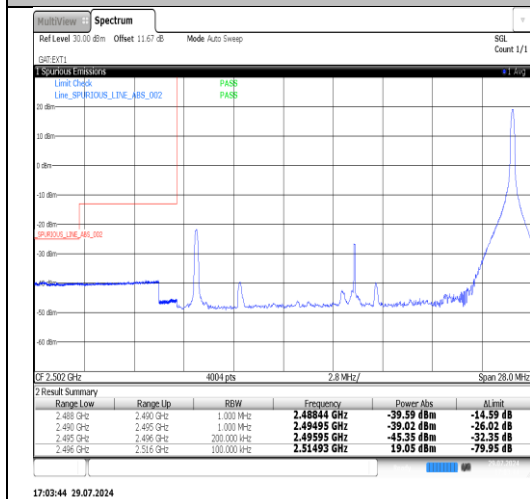
Band41-20MHz-16QAM-39750-100RB#0-PASS



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



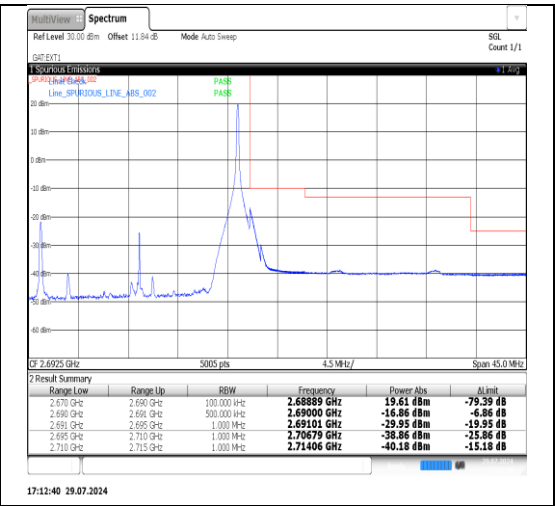
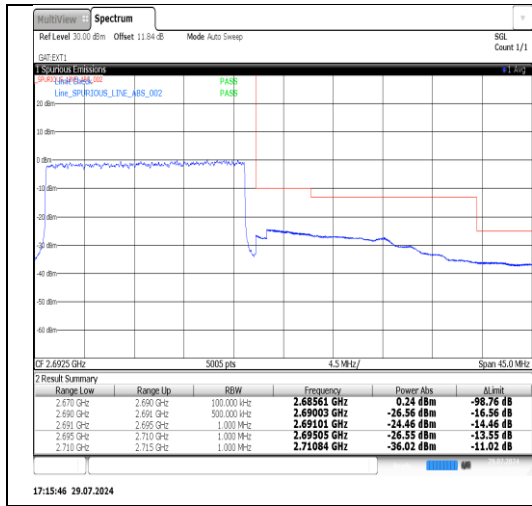
Band41-20MHz-16QAM-41490-1RB#0-PASS



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



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



Appendix E: Conducted Spurious Emission

Test Result

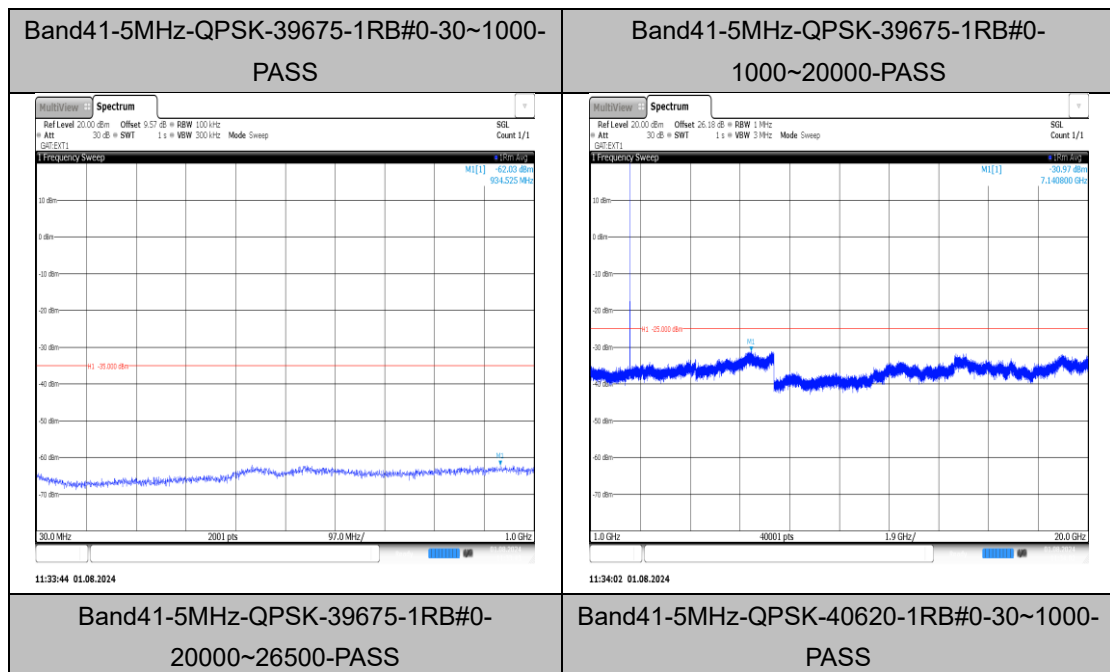
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-62.03	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-30.97	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~26500	-29.81	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-61.68	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-31.13	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~26500	-29.95	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-61.72	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-27.43	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~26500	-29.83	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-61.80	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-30.83	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~26500	-29.94	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-61.98	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-31.41	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~26500	-29.59	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-62.04	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-28.12	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~26500	-30.01	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-	PASS

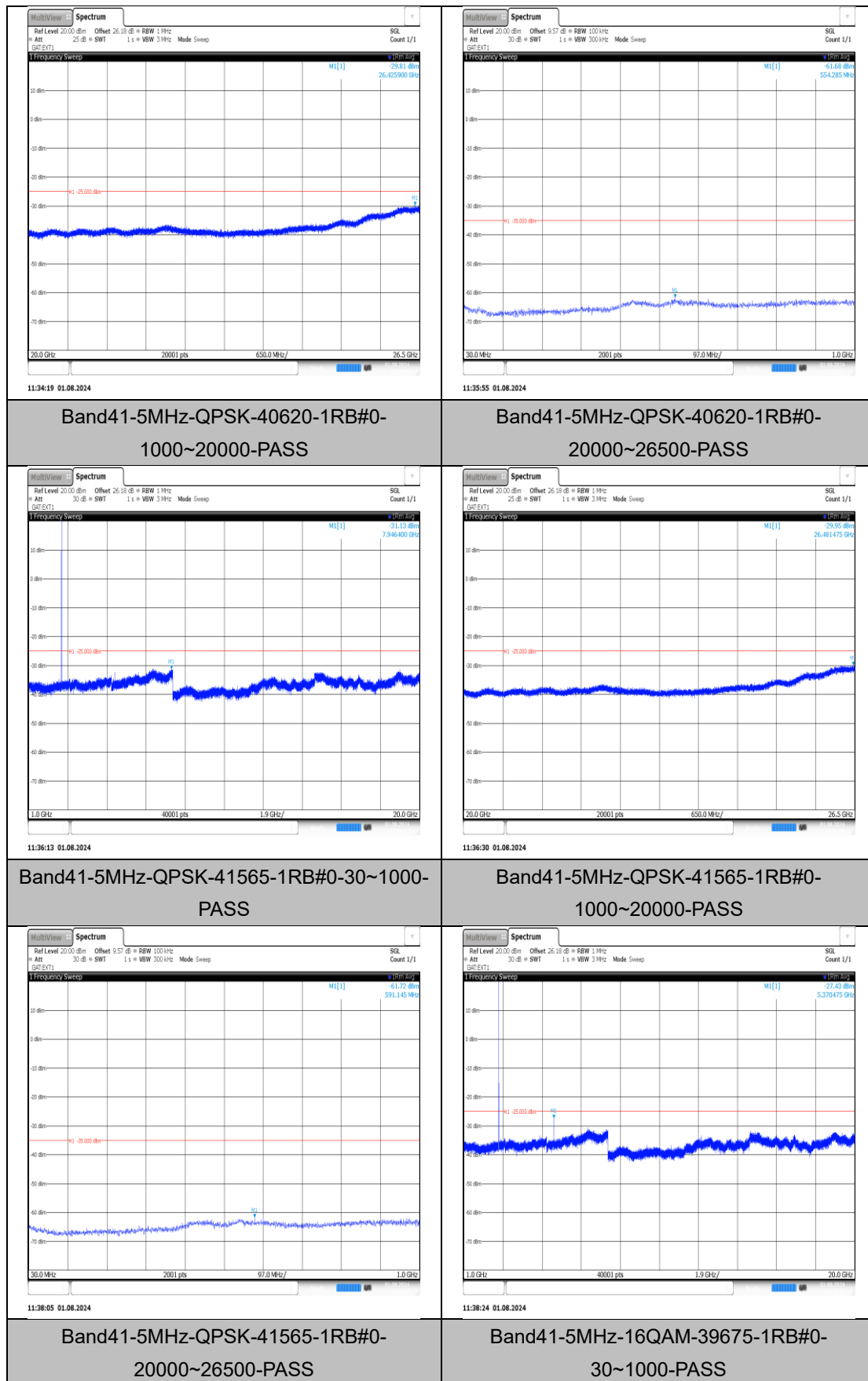
						61.98	
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	- 31.02	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~26500	- 29.70	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	- 61.54	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	- 30.50	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~26500	- 30.06	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	- 61.06	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	- 28.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~26500	- 30.10	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	- 61.85	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	- 31.08	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~26500	- 29.88	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	- 61.98	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	- 30.78	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~26500	- 29.56	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	- 61.89	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	- 28.28	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~26500	- 29.55	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	- 61.85	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	- 31.05	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~26500	- 29.90	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	- 62.15	PASS

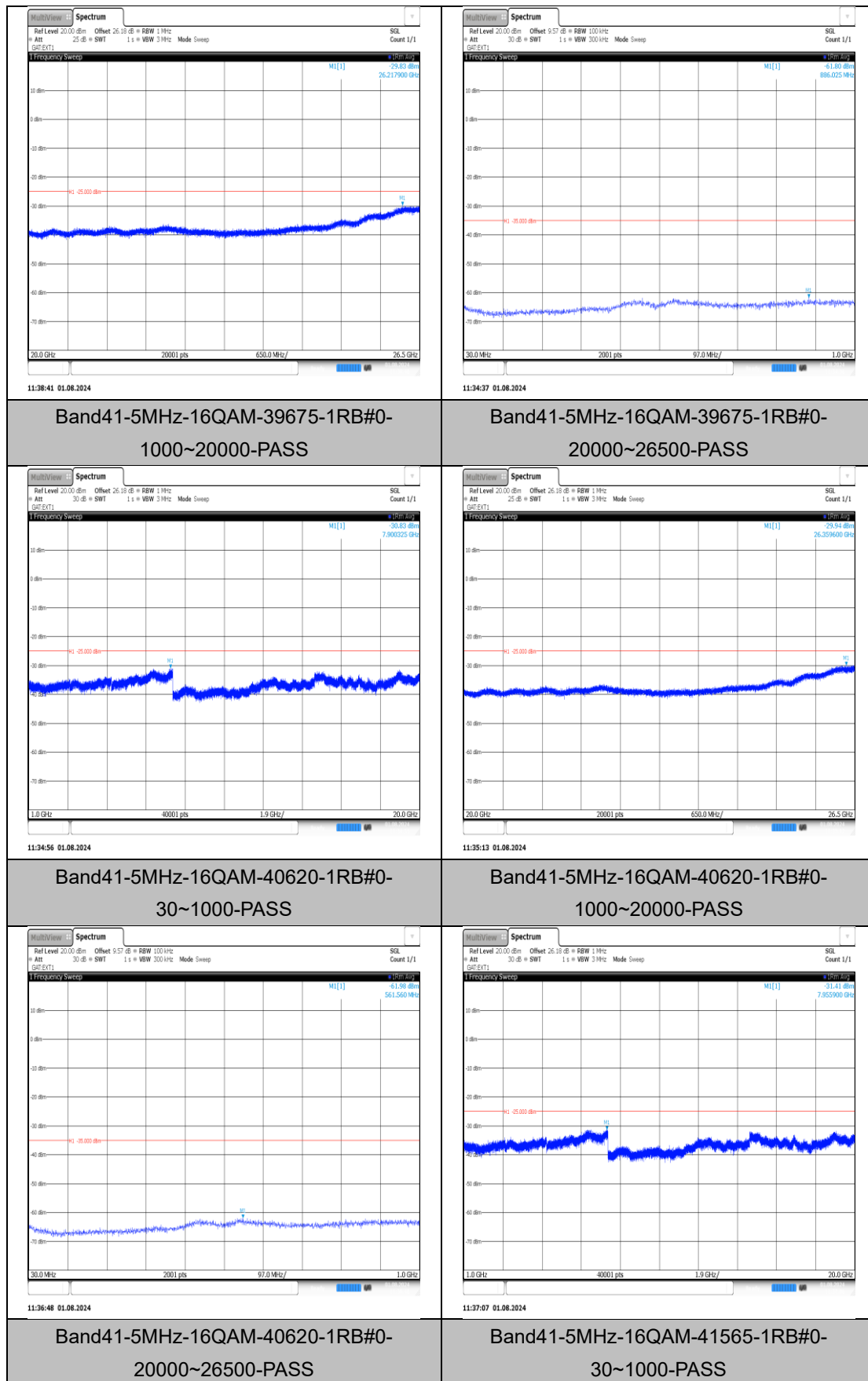
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	- 30.99	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~26500	- 30.04	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	- 62.03	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	- 26.84	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~26500	- 29.96	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	- 61.36	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	- 31.12	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~26500	- 29.78	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	- 61.90	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	- 31.25	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~26500	- 30.08	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	- 61.83	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	- 27.85	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~26500	- 29.85	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	- 62.05	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	- 31.01	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~26500	- 29.85	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	- 61.84	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	- 31.09	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~26500	- 29.88	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	- 61.81	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	- 26.84	PASS

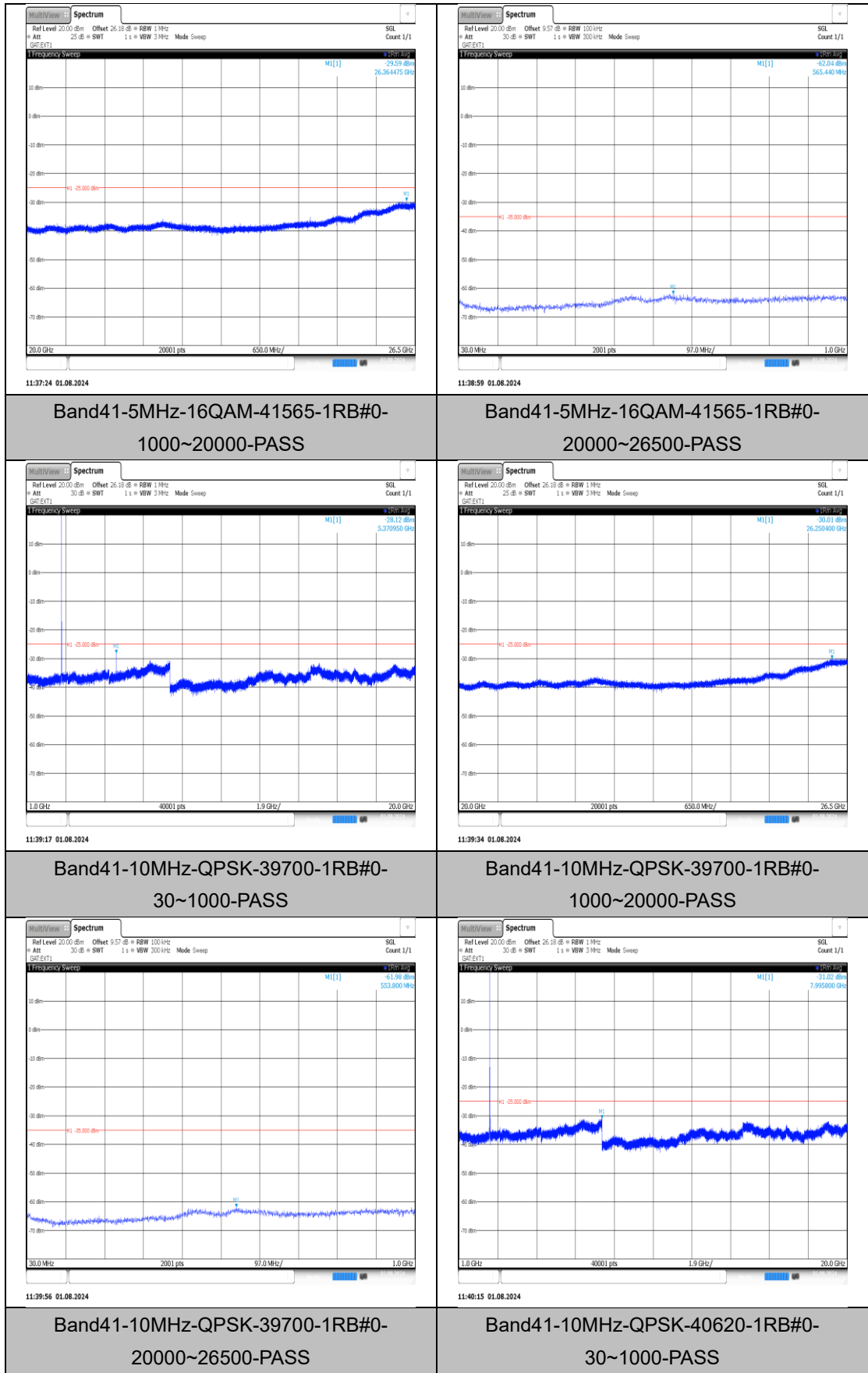
Band41	20MHz	QPSK	41490	1RB#0	20000~26500	- 29.79	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	- 61.53	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	- 30.86	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~26500	- 29.98	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	- 61.90	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	- 30.96	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~26500	- 29.67	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	- 62.14	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	- 26.77	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~26500	- 29.67	PASS

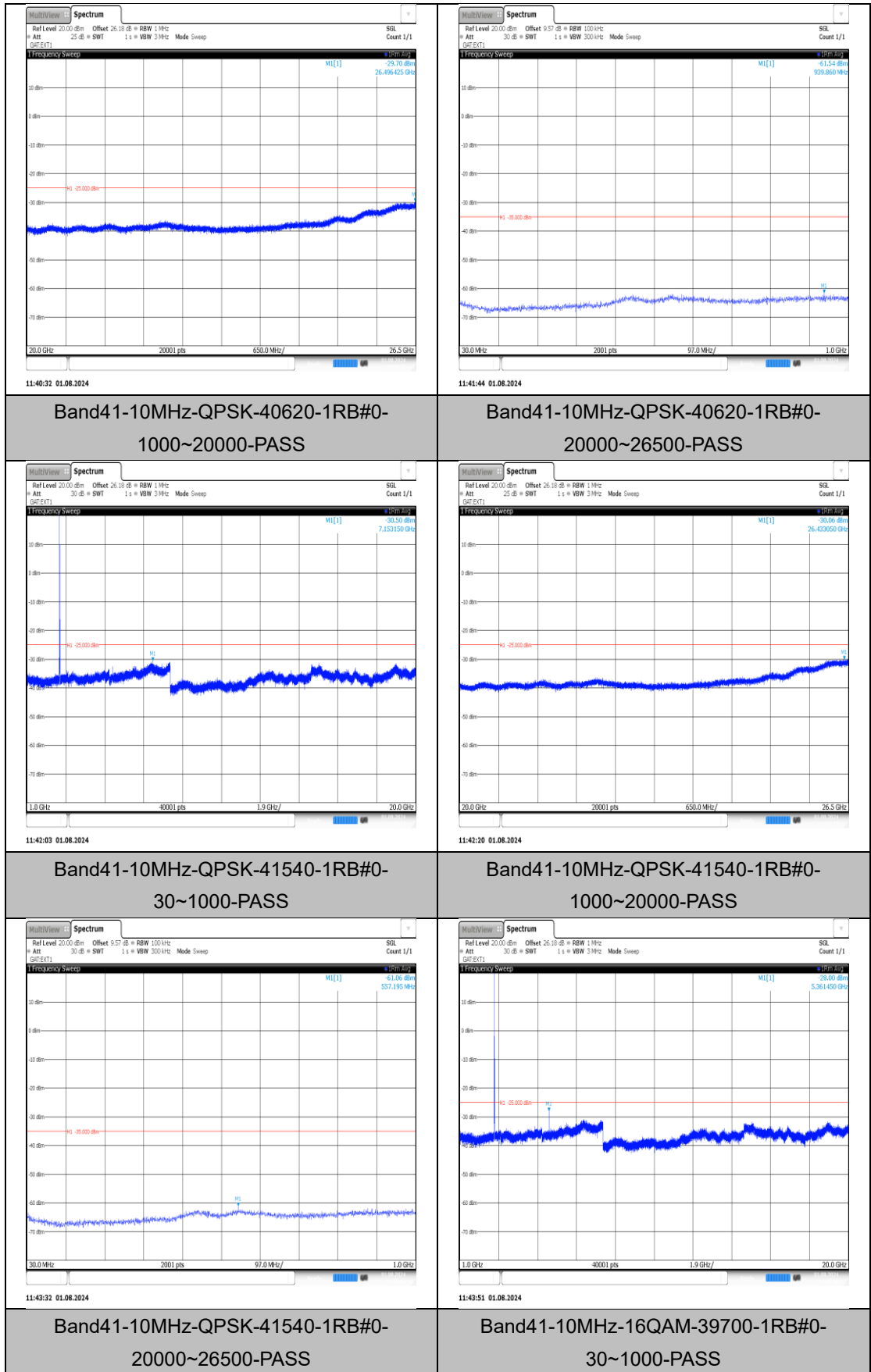
Test Graphs

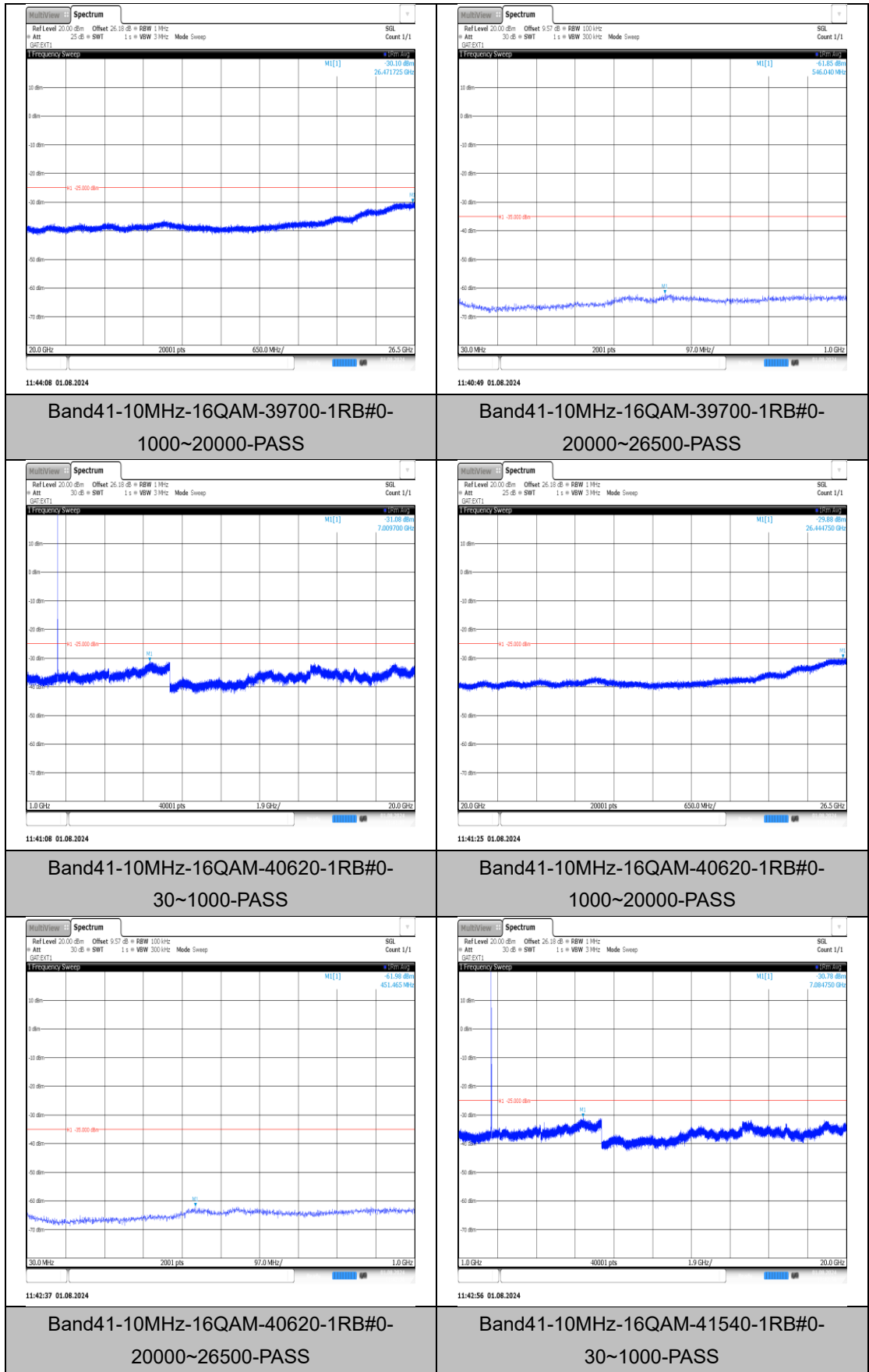


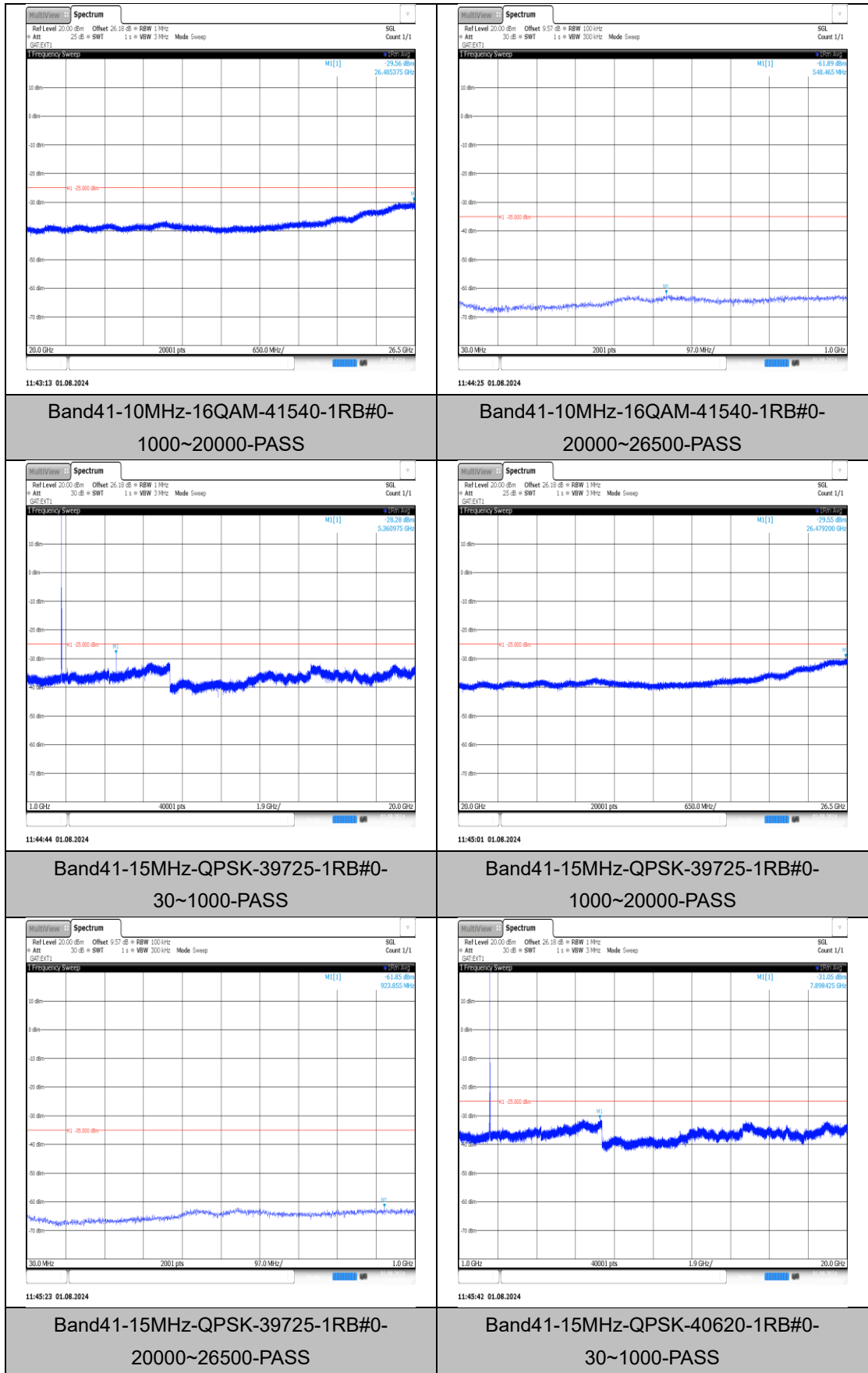


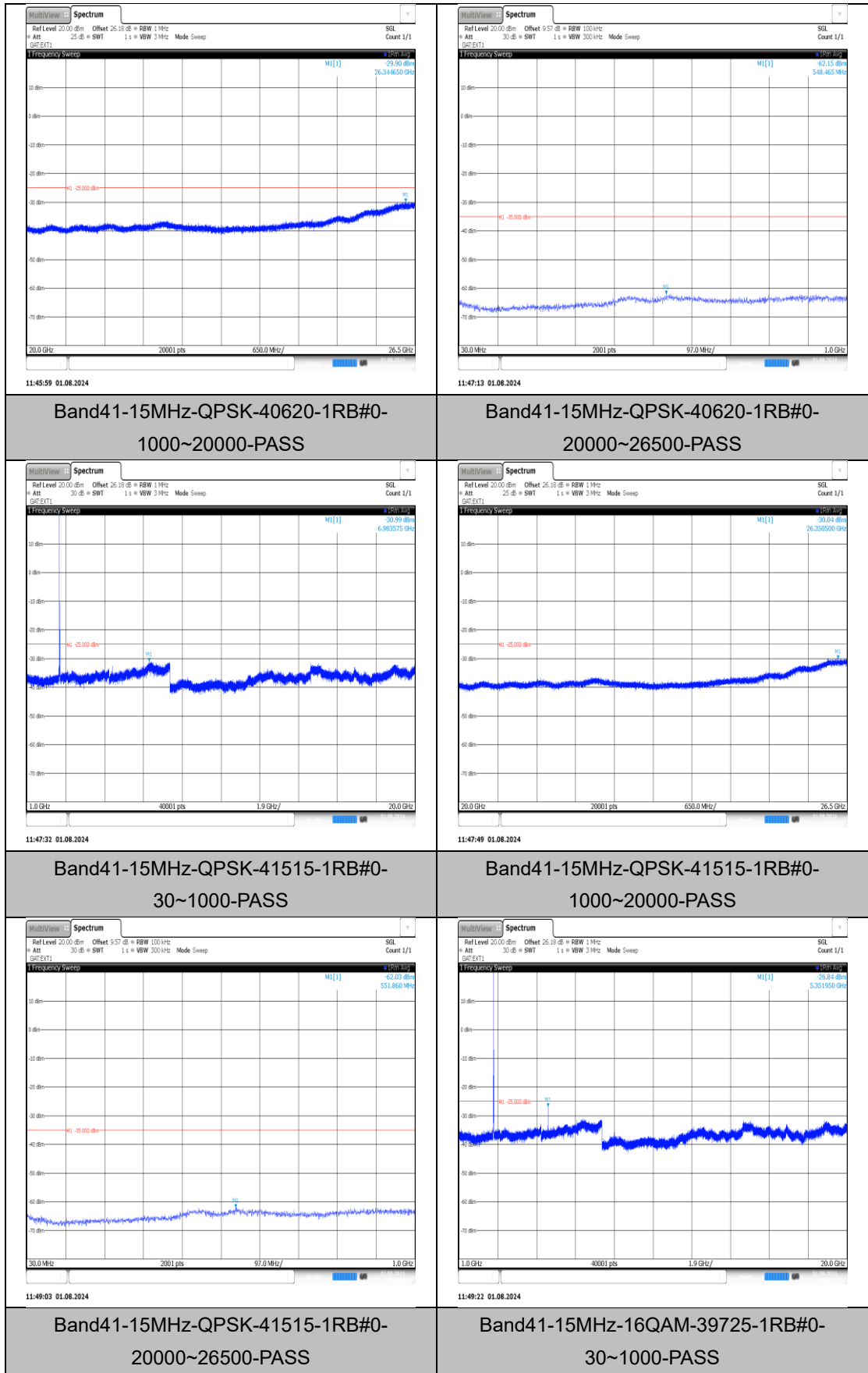


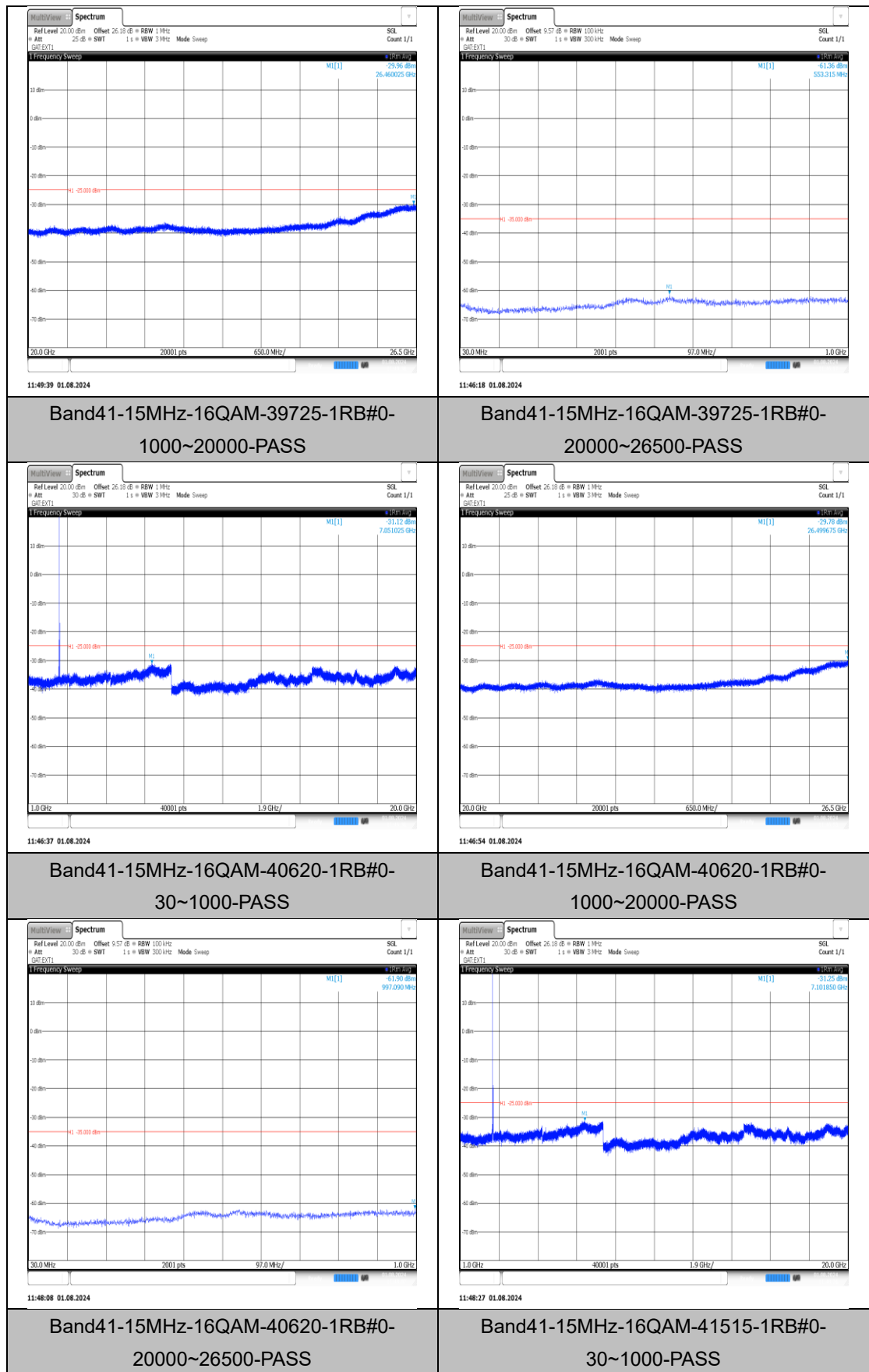


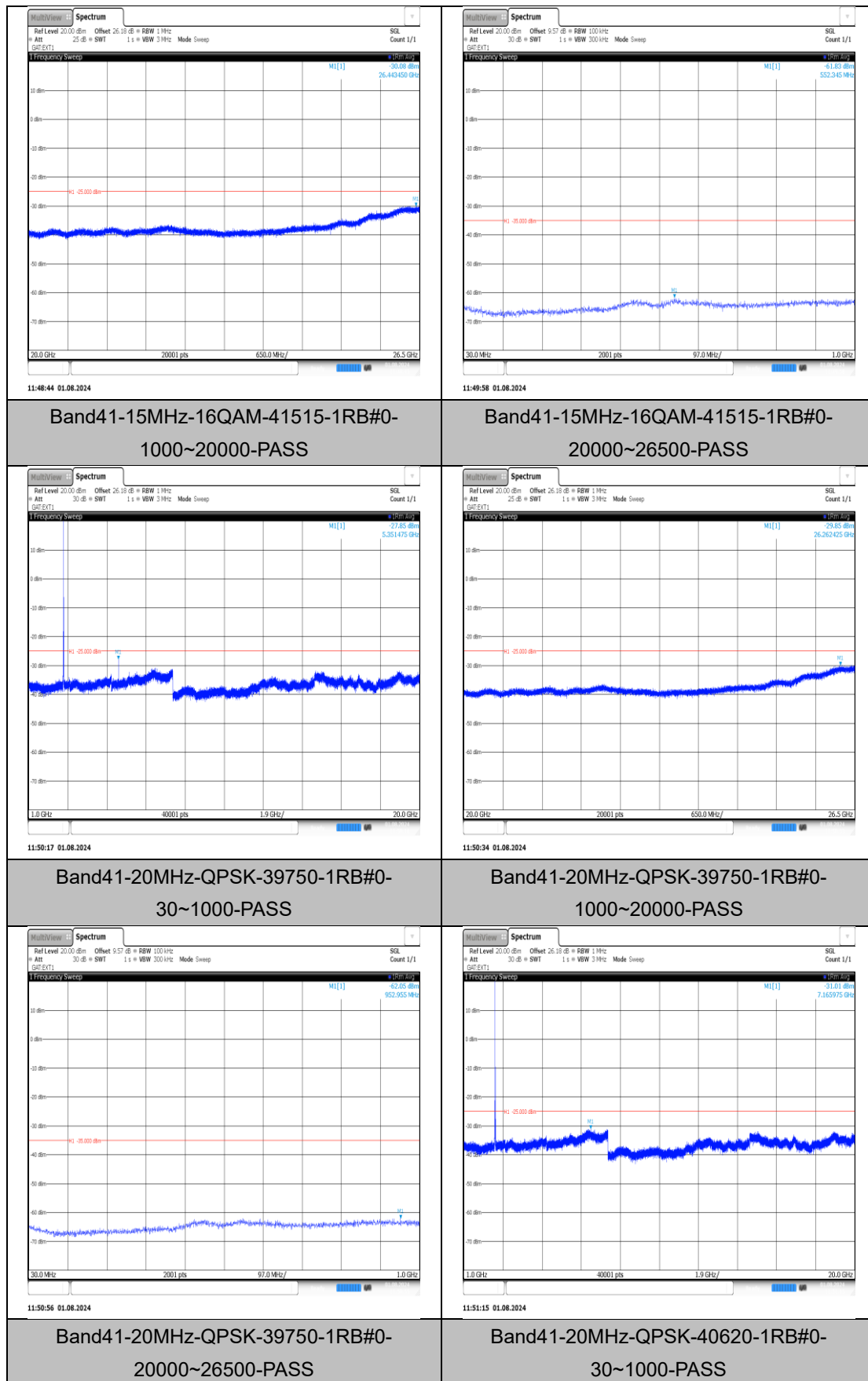


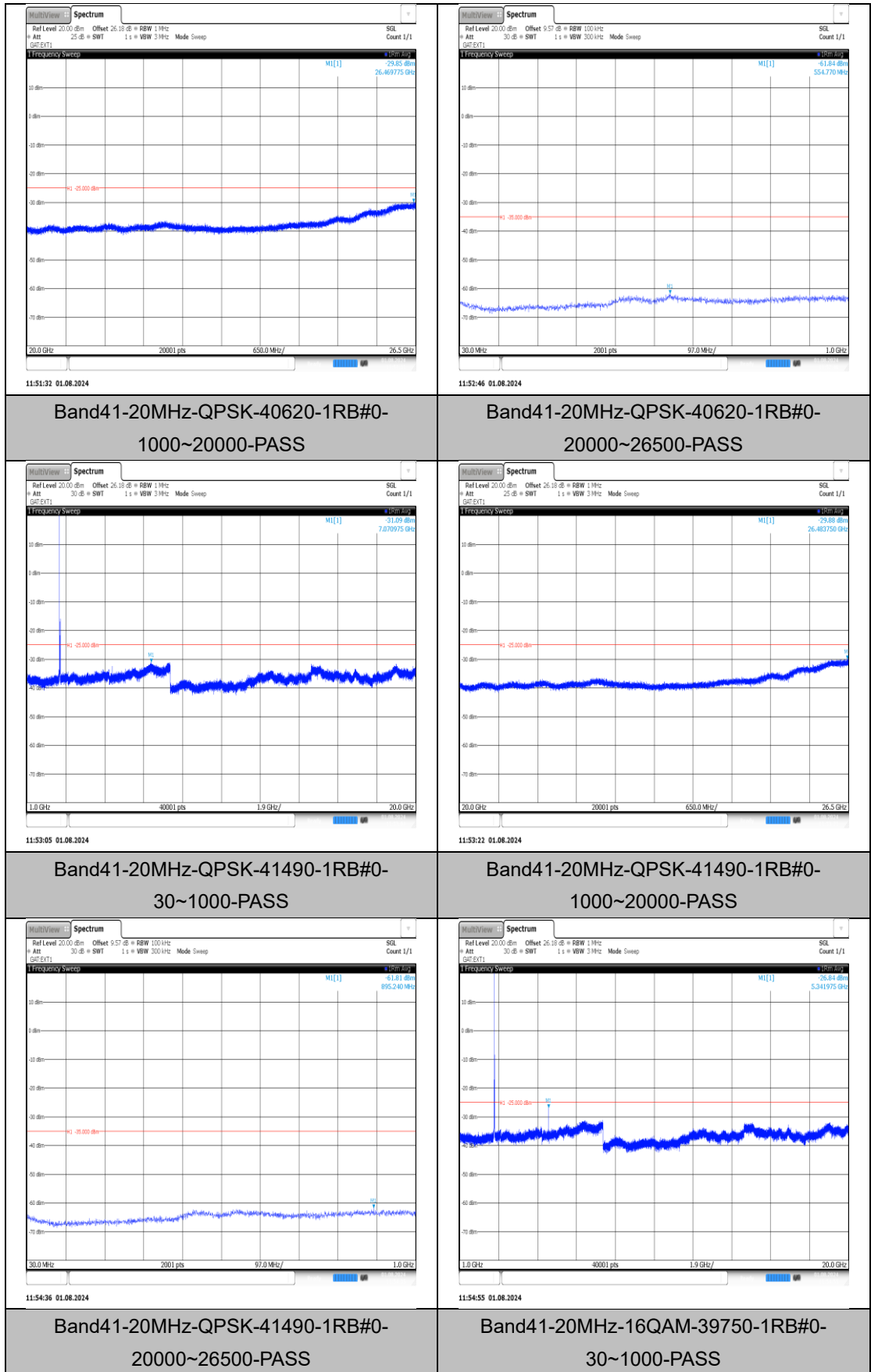


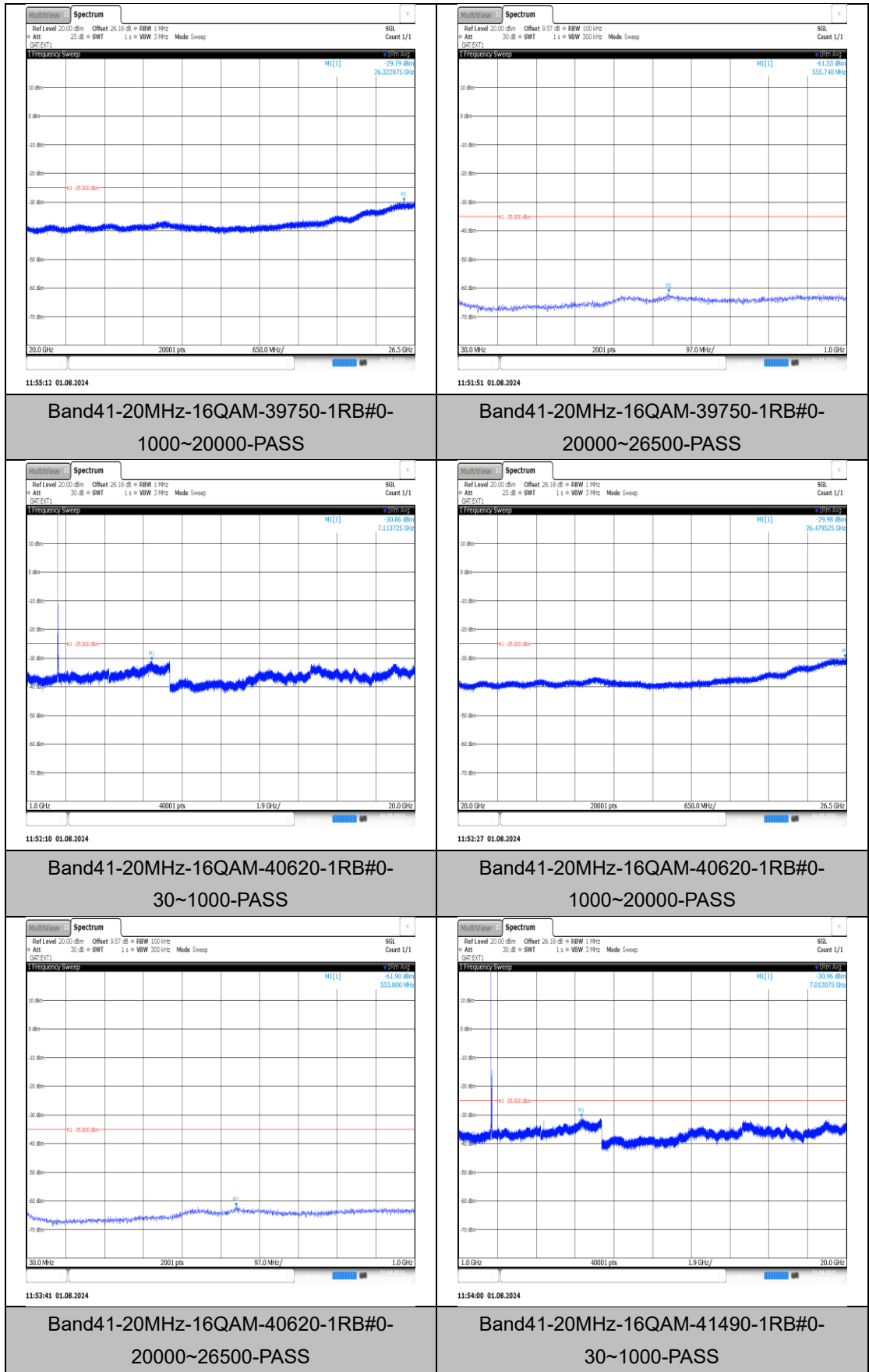


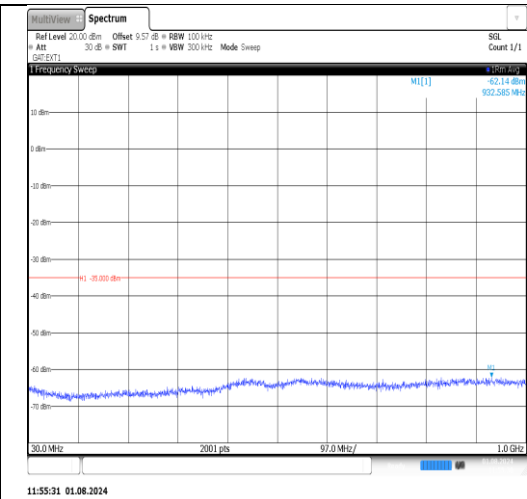
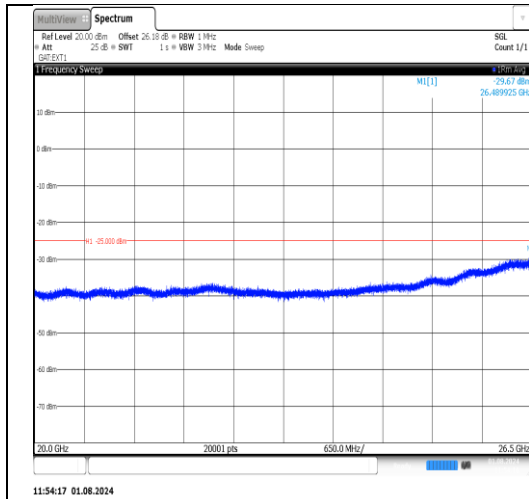






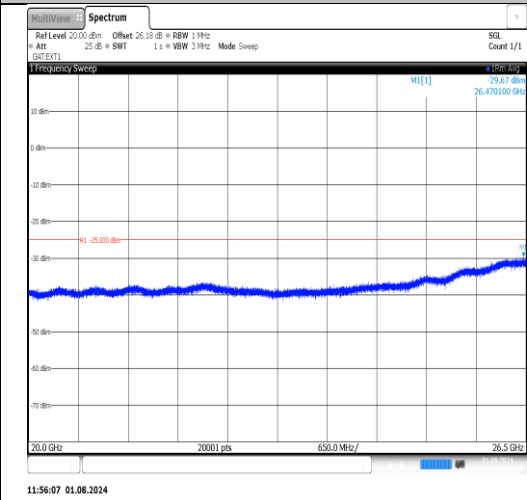
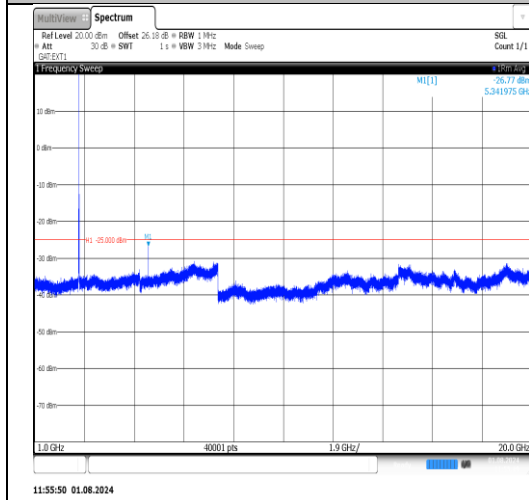






Band41-20MHz-16QAM-41490-1RB#0-
1000~20000-PASS

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	-17.64	-0.006803	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	-21.04	-0.008114	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	-24.28	-0.009364	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	-13.33	-0.005141	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	10.94	0.004219	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	-17.75	-0.006845	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	-12.55	-0.004840	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	-10.34	-0.003988	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	-13.76	-0.005307	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-16.59	-0.006398	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-15.16	-0.005847	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-19.66	-0.007582	±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	-20.04	-0.007728	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-5.74	-0.002214	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	-12.60	-0.004859	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	-11.70	-0.004512	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-21.77	-0.008396	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	-15.81	-0.006097	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	-18.20	-0.007019	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	-11.46	-0.004420	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	-24.19	-0.009329	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	4.84	0.001867	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	-12.43	-0.004794	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	-13.46	-0.005191	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	3.76	0.001450	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	12.86	0.004960	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	-11.30	-0.004358	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	-11.43	-0.004408	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	-9.87	-0.003806	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	-13.07	-0.005040	±2.5	PASS

Band41	15MHz	QPSK	40620	75RB#0	NV	-30	-11.56	-0.004458	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	-12.10	-0.004666	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-15.15	-0.005843	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-12.25	-0.004724	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	-8.01	-0.003089	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	-5.09	-0.001963	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	-13.85	-0.005341	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	-16.12	-0.006217	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	-9.07	-0.003498	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-14.62	-0.005638	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-14.76	-0.005692	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-21.16	-0.008160	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-7.50	-0.002892	±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	-11.47	-0.004423	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-14.52	-0.005600	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-12.13	-0.004678	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-13.42	-0.005175	±2.5	PASS