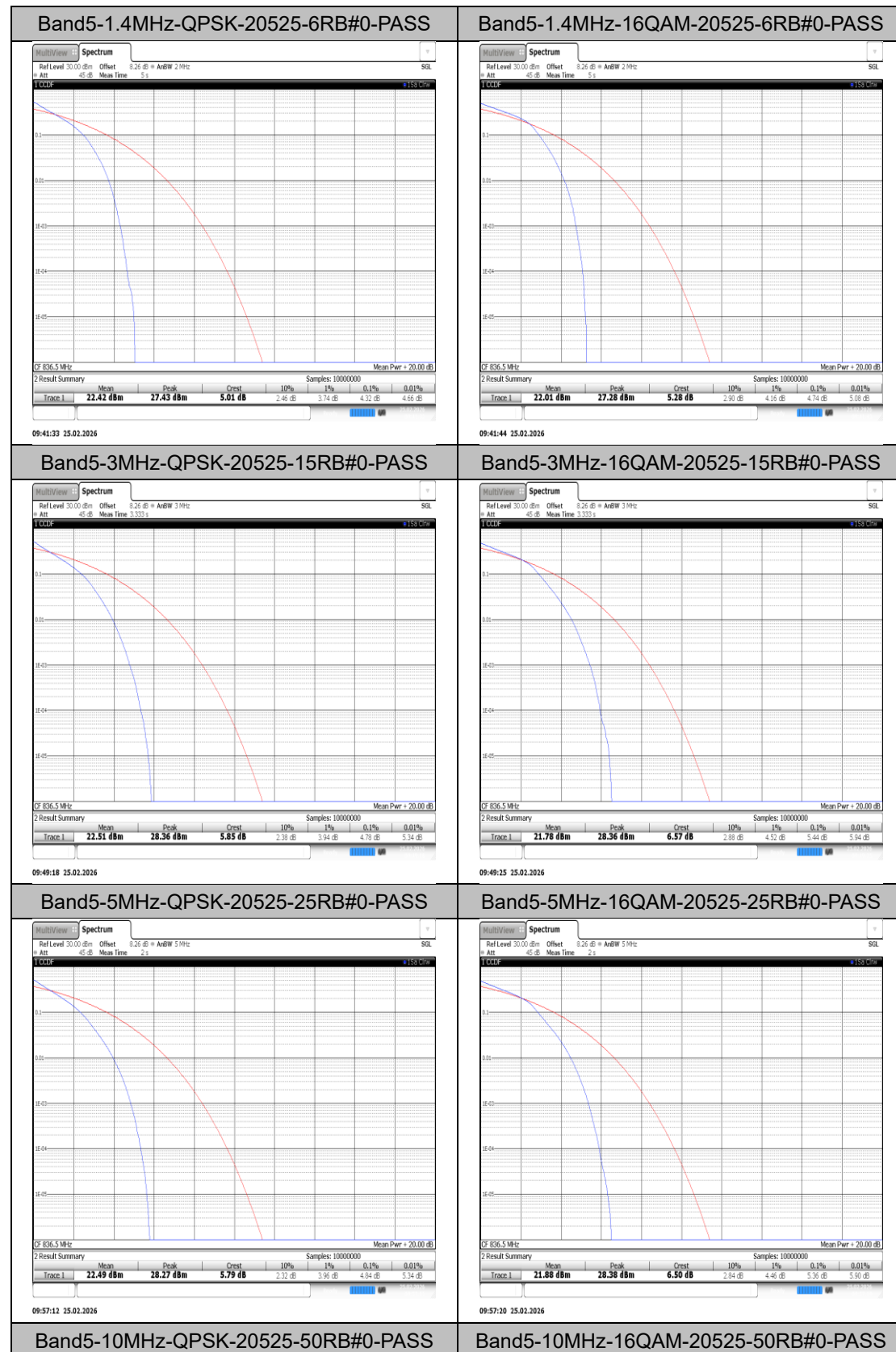


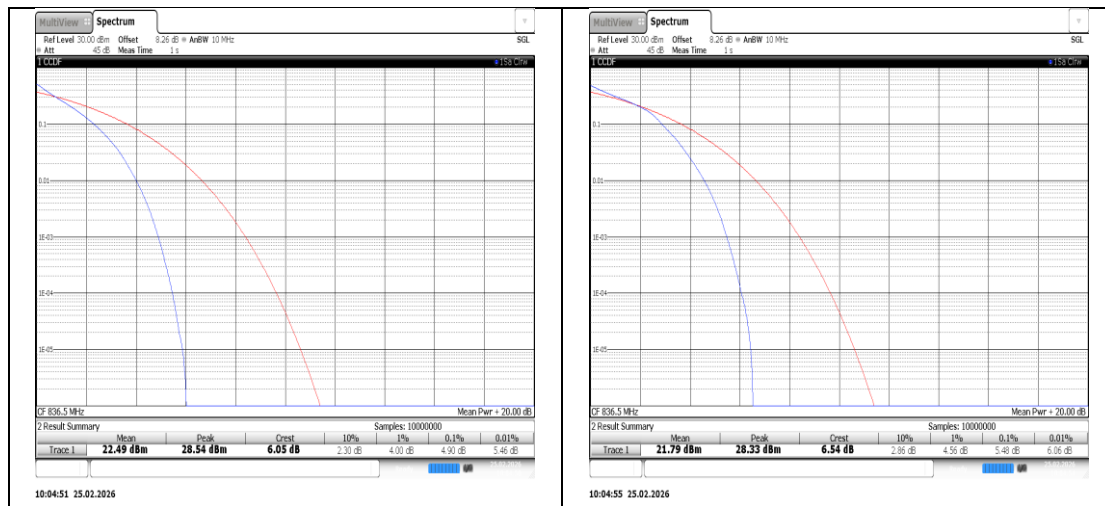
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	4.32	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	4.74	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.78	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.44	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.84	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.36	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.90	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.48	13	PASS

Test Graphs



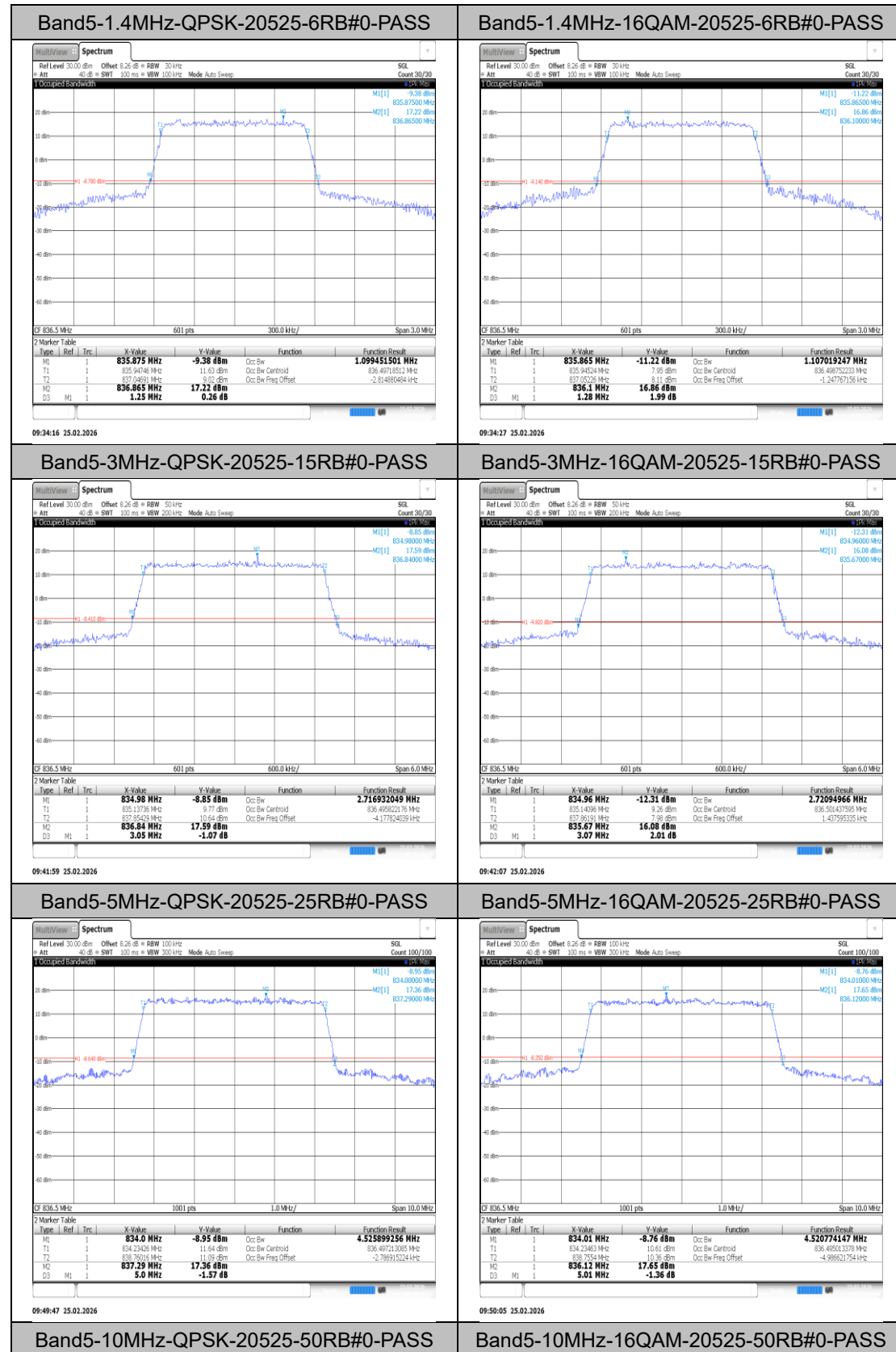


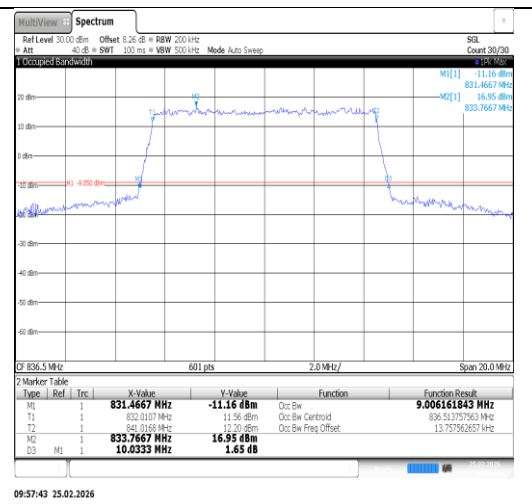
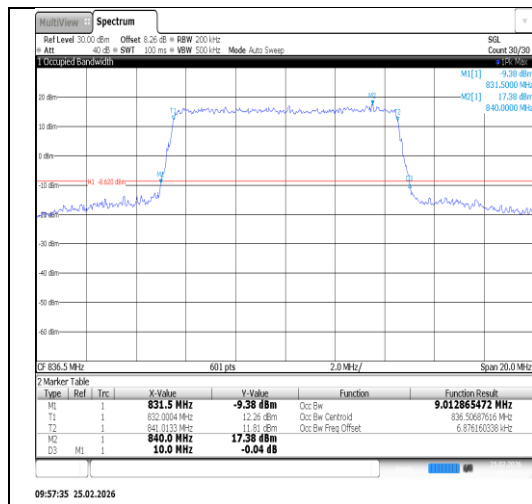
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.099	1.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.107	1.28	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.717	3.05	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.721	3.07	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.526	5.00	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.521	5.01	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.013	10.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.006	10.03	PASS

Test Graphs





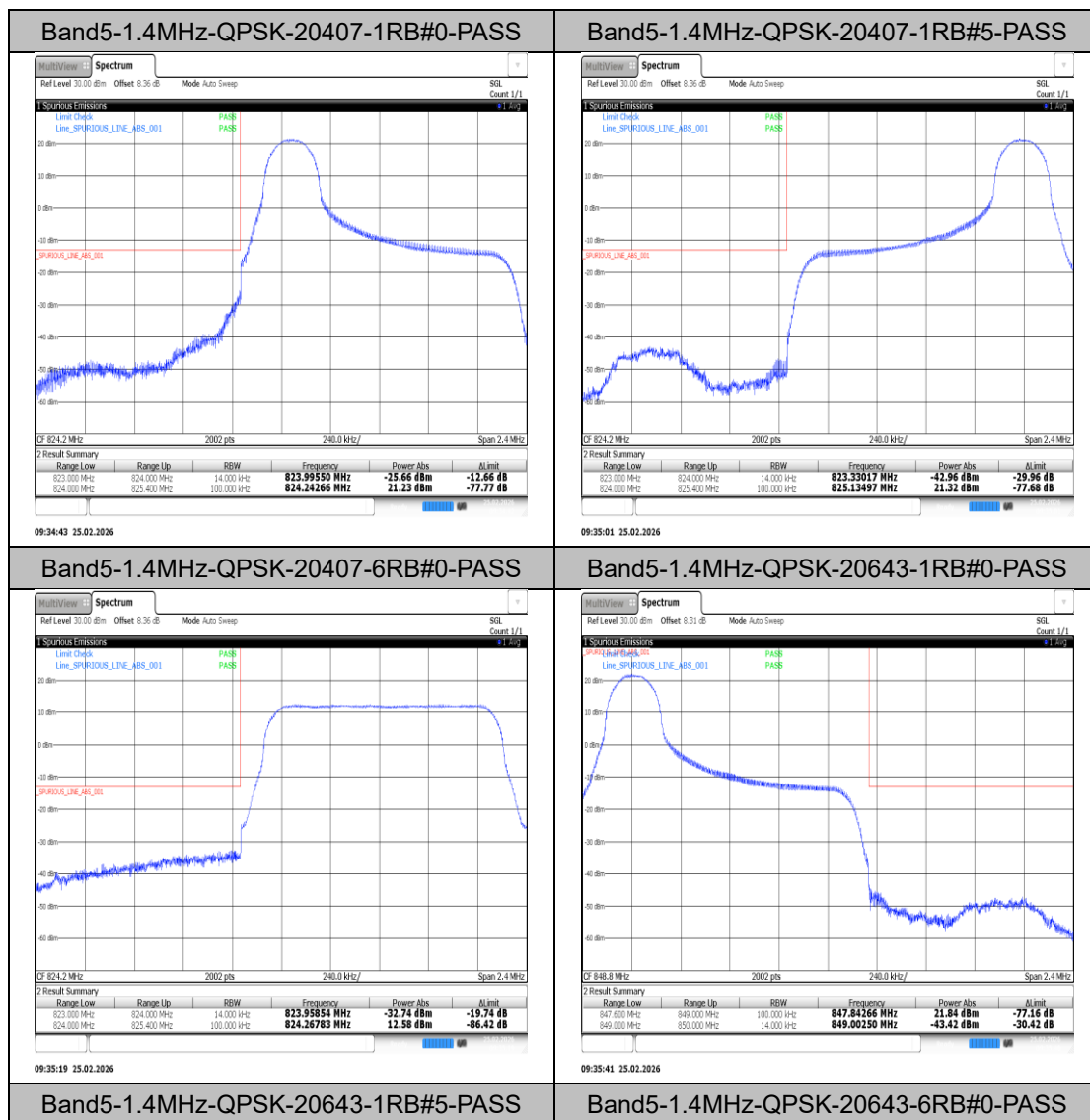
Appendix C: Band Edge

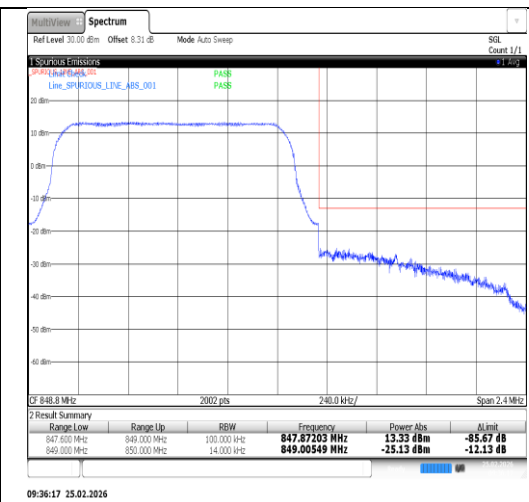
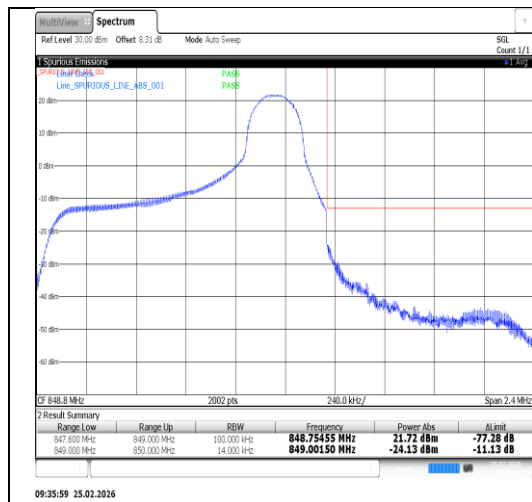
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-25.66	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-42.96	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-32.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-43.42	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-24.13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-28.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-45.93	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.33	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-22.84	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-25.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	-15.00	PASS
Band5	3MHz	QPSK	20415	1RB#14	-28.55	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.03	PASS
Band5	3MHz	QPSK	20635	1RB#0	-28.28	PASS
Band5	3MHz	QPSK	20635	1RB#14	-13.75	PASS
Band5	3MHz	QPSK	20635	15RB#0	-22.07	PASS
Band5	3MHz	16QAM	20415	1RB#0	-15.83	PASS
Band5	3MHz	16QAM	20415	1RB#14	-28.77	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.27	PASS
Band5	3MHz	16QAM	20635	1RB#0	-29.14	PASS
Band5	3MHz	16QAM	20635	1RB#14	-14.31	PASS
Band5	3MHz	16QAM	20635	15RB#0	-24.21	PASS
Band5	5MHz	QPSK	20425	1RB#0	-19.77	PASS
Band5	5MHz	QPSK	20425	1RB#24	-37.90	PASS
Band5	5MHz	QPSK	20425	25RB#0	-31.62	PASS
Band5	5MHz	QPSK	20625	1RB#0	-38.35	PASS
Band5	5MHz	QPSK	20625	1RB#24	-18.30	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	-21.90	PASS
Band5	5MHz	16QAM	20425	1RB#24	-39.23	PASS
Band5	5MHz	16QAM	20425	25RB#0	-32.15	PASS
Band5	5MHz	16QAM	20625	1RB#0	-39.12	PASS
Band5	5MHz	16QAM	20625	1RB#24	-19.42	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.04	PASS
Band5	10MHz	QPSK	20450	1RB#0	-22.65	PASS

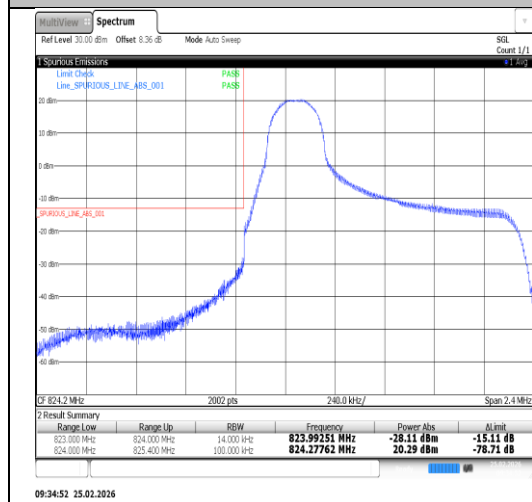
Band5	10MHz	QPSK	20450	1RB#49	-41.48	PASS
Band5	10MHz	QPSK	20450	50RB#0	-32.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	-41.78	PASS
Band5	10MHz	QPSK	20600	1RB#49	-21.27	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	-24.40	PASS
Band5	10MHz	16QAM	20450	1RB#49	-41.65	PASS
Band5	10MHz	16QAM	20450	50RB#0	-34.52	PASS
Band5	10MHz	16QAM	20600	1RB#0	-42.93	PASS
Band5	10MHz	16QAM	20600	1RB#49	-21.26	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.68	PASS

Test Graphs

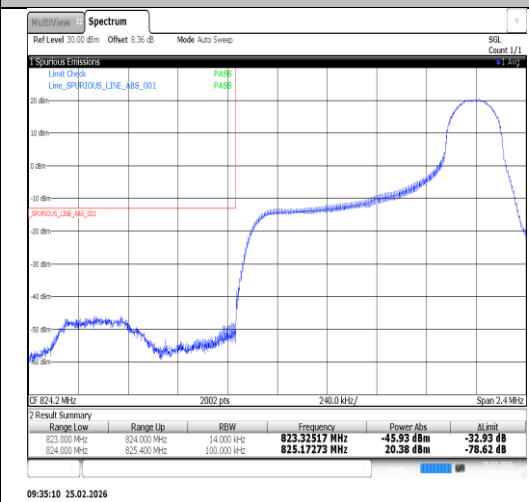




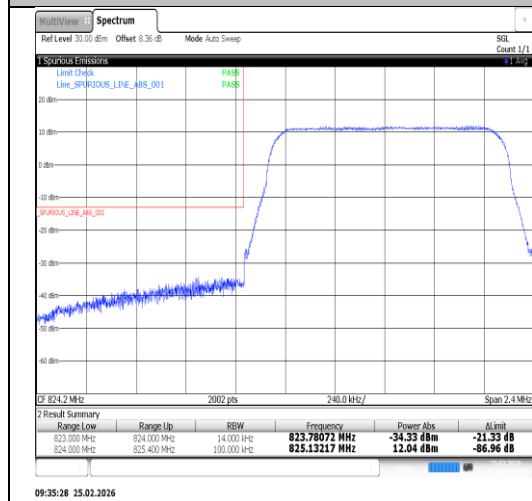
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



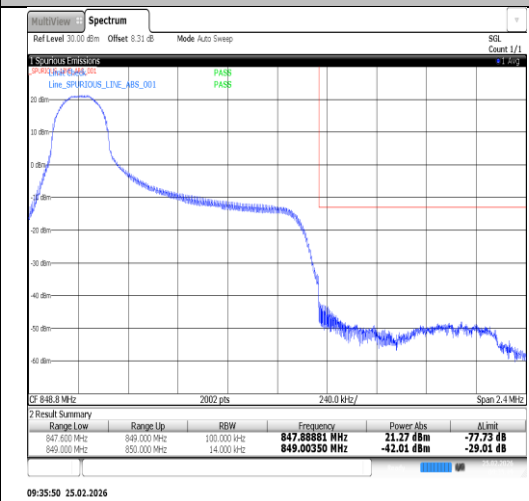
Band5-1.4MHz-16QAM-20407-1RB#5-PASS



Band5-1.4MHz-16QAM-20407-6RB#0-PASS

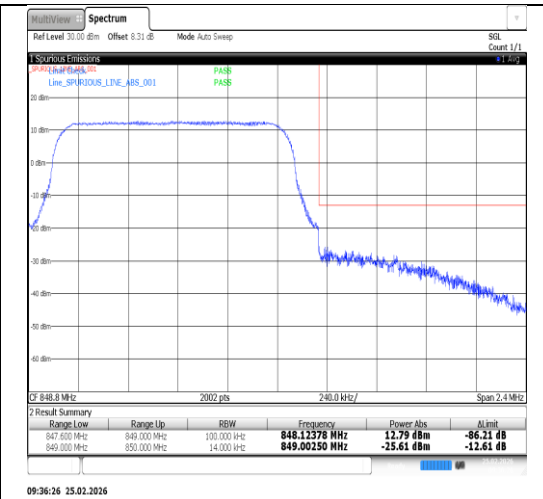
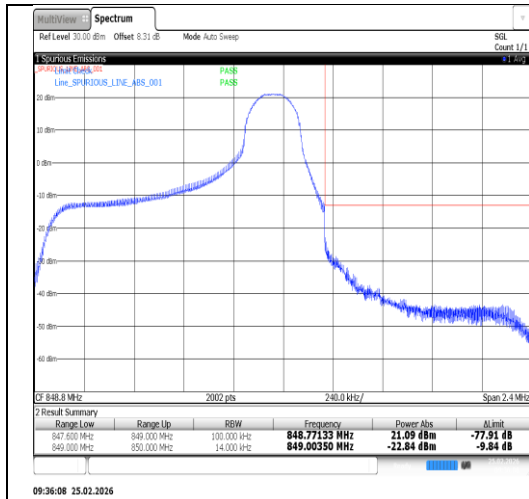


Band5-1.4MHz-16QAM-20643-1RB#0-PASS



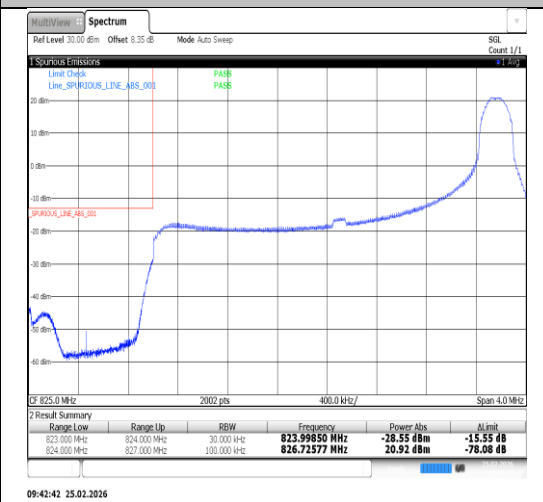
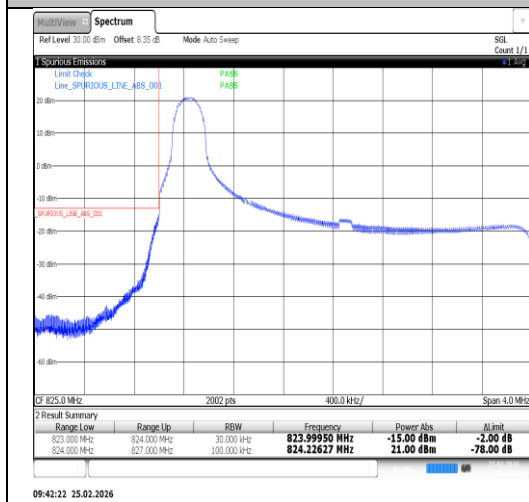
Band5-1.4MHz-16QAM-20643-1RB#5-PASS

Band5-1.4MHz-16QAM-20643-6RB#0-PASS



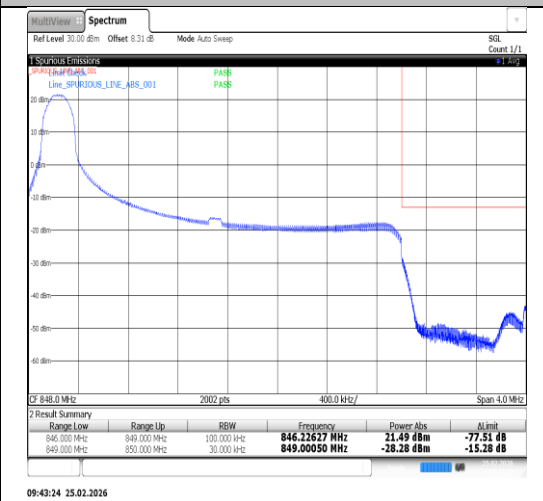
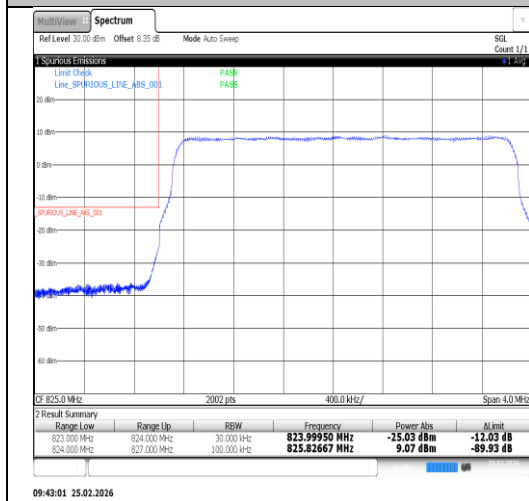
Band5-3MHz-QPSK-20415-1RB#0-PASS

Band5-3MHz-QPSK-20415-1RB#14-PASS



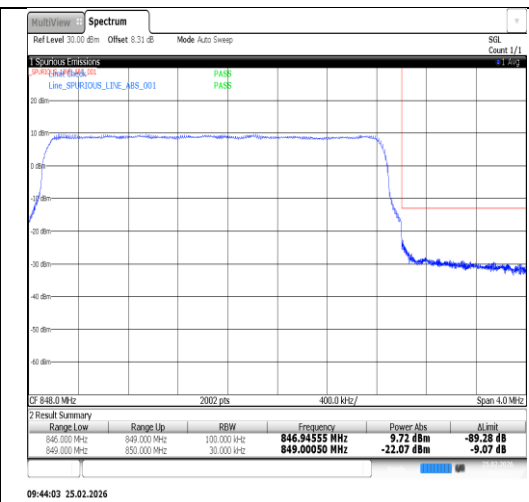
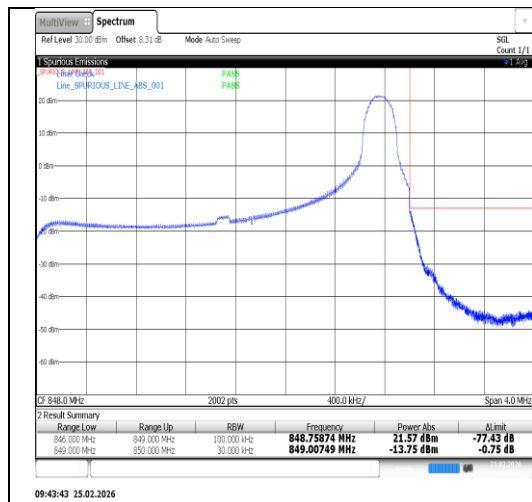
Band5-3MHz-QPSK-20415-15RB#0-PASS

Band5-3MHz-QPSK-20635-1RB#0-PASS



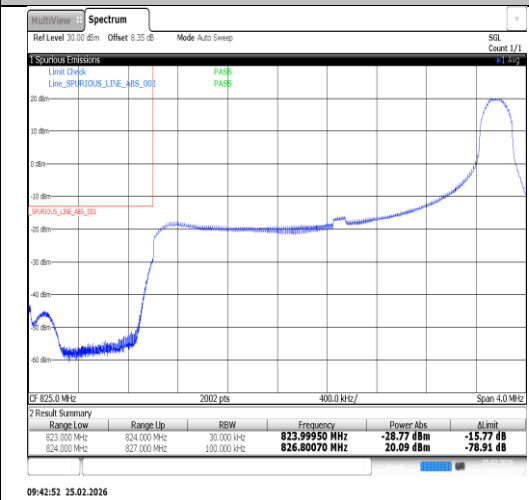
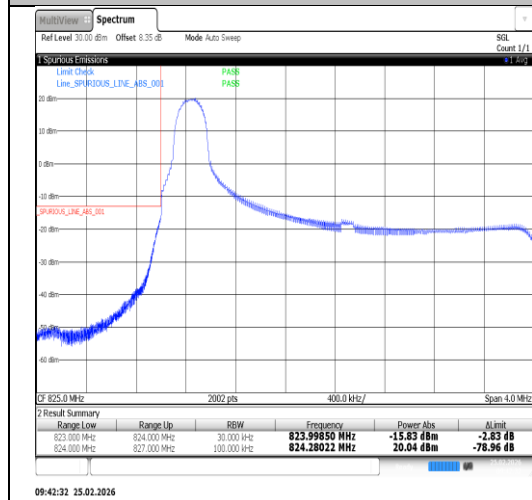
Band5-3MHz-QPSK-20635-1RB#14-PASS

Band5-3MHz-QPSK-20635-15RB#0-PASS



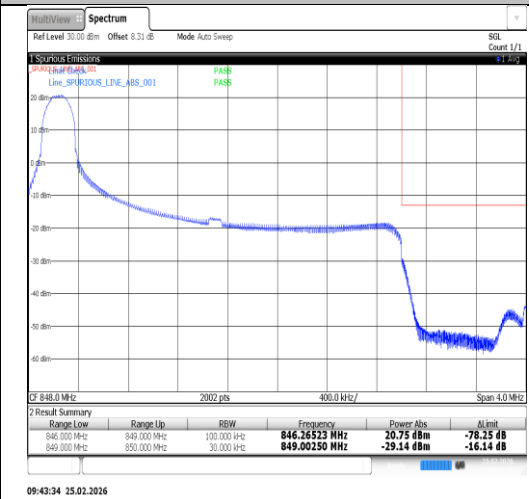
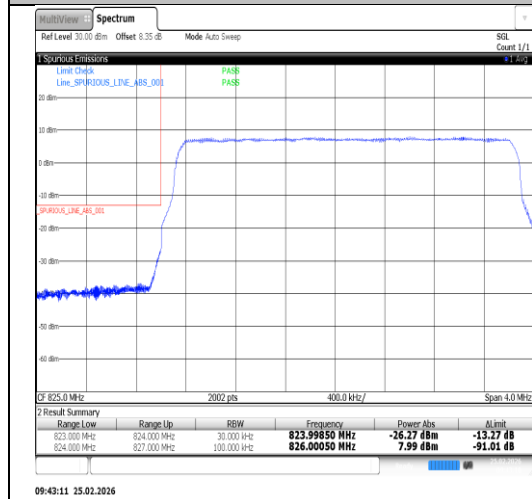
Band5-3MHz-16QAM-20415-1RB#0-PASS

Band5-3MHz-16QAM-20415-1RB#14-PASS



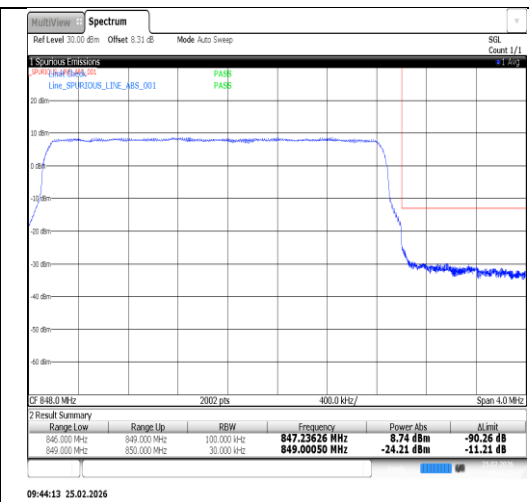
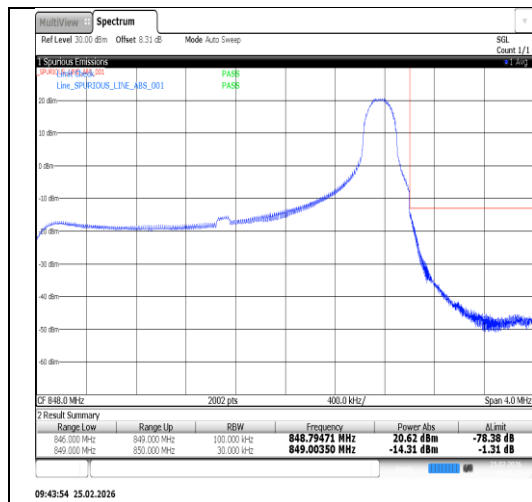
Band5-3MHz-16QAM-20415-15RB#0-PASS

Band5-3MHz-16QAM-20635-1RB#0-PASS



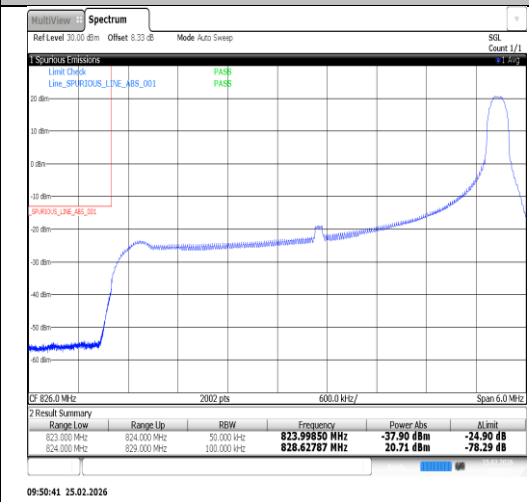
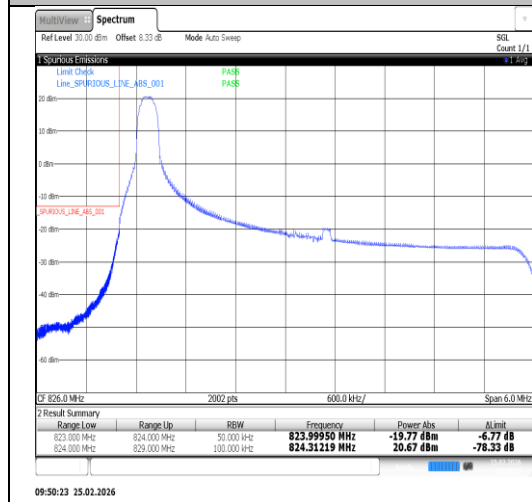
Band5-3MHz-16QAM-20635-1RB#14-PASS

Band5-3MHz-16QAM-20635-15RB#0-PASS



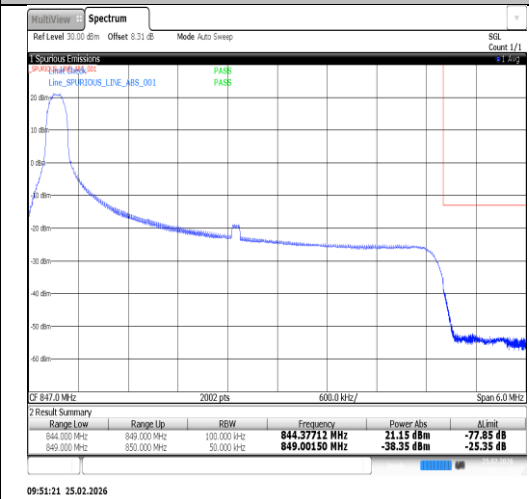
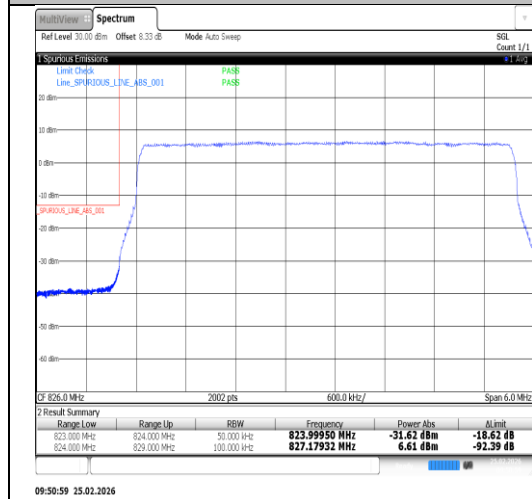
Band5-5MHz-QPSK-20425-1RB#0-PASS

Band5-5MHz-QPSK-20425-1RB#24-PASS



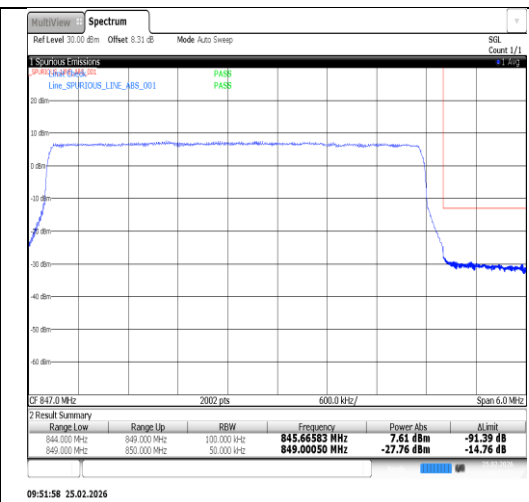
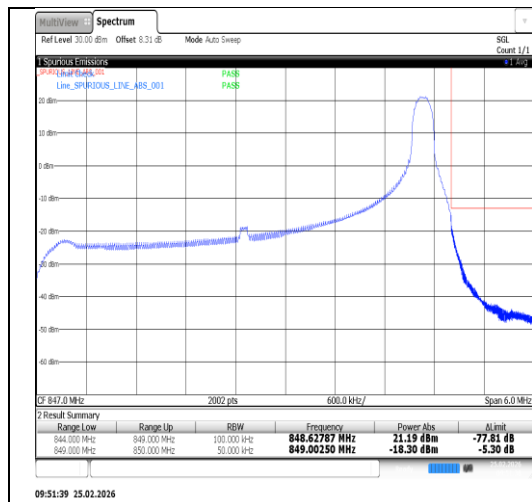
Band5-5MHz-QPSK-20425-25RB#0-PASS

Band5-5MHz-QPSK-20625-1RB#0-PASS



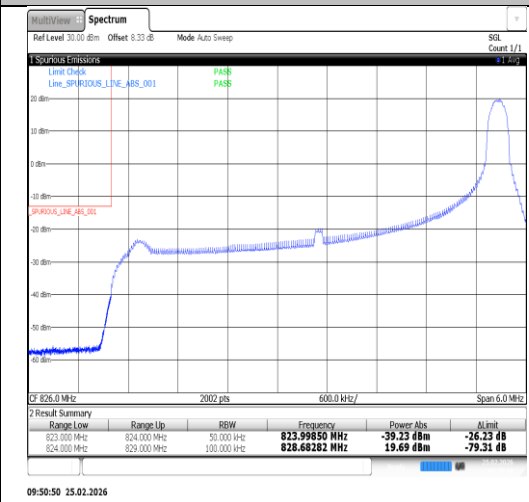
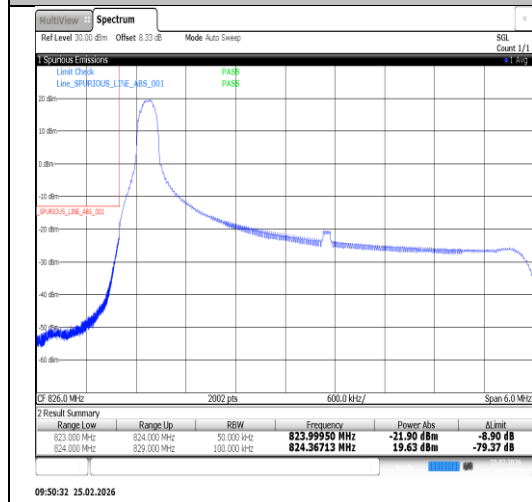
Band5-5MHz-QPSK-20625-1RB#24-PASS

Band5-5MHz-QPSK-20625-25RB#0-PASS



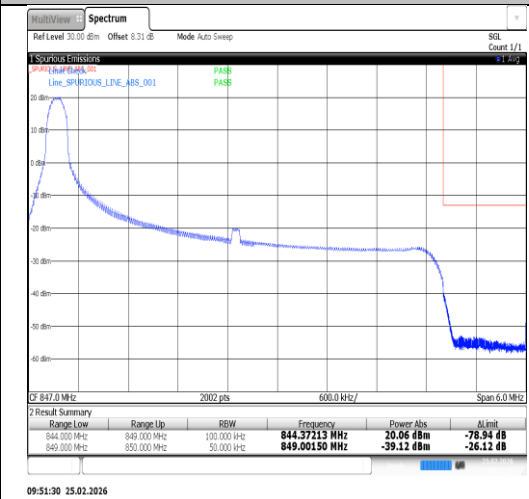
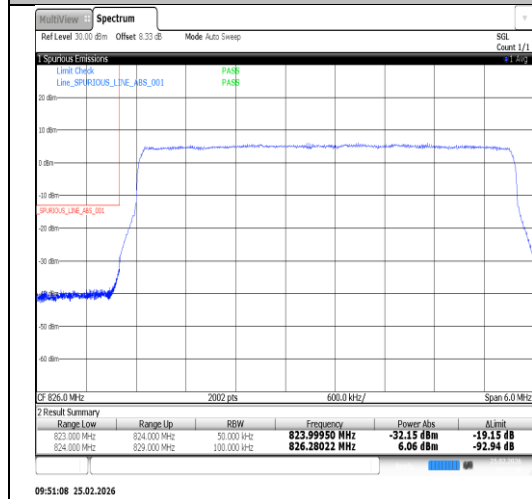
Band5-5MHz-16QAM-20425-1RB#0-PASS

Band5-5MHz-16QAM-20425-1RB#24-PASS



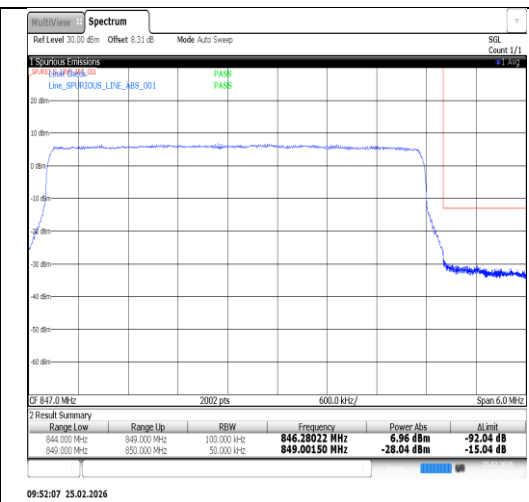
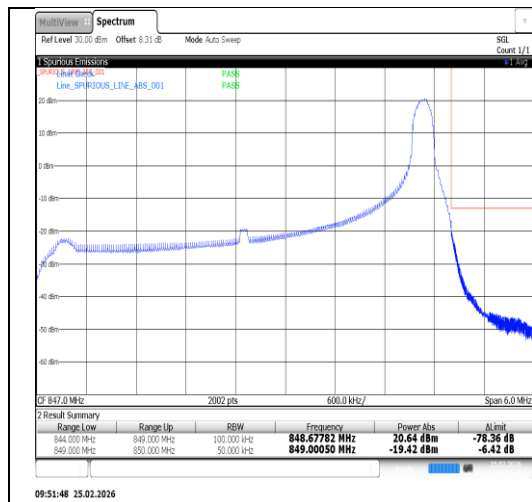
Band5-5MHz-16QAM-20425-25RB#0-PASS

Band5-5MHz-16QAM-20625-1RB#0-PASS



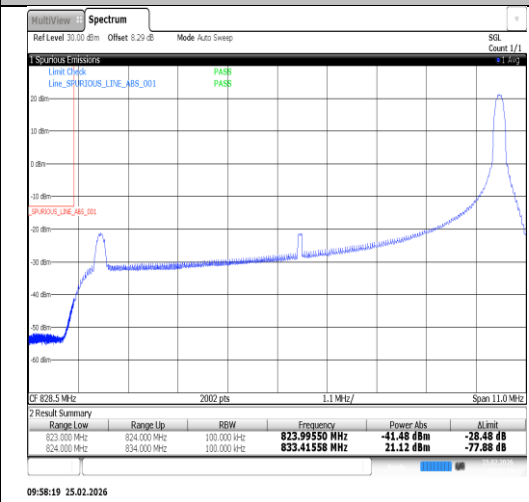
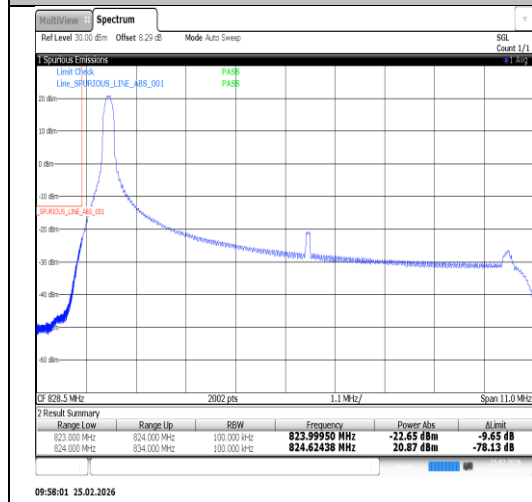
Band5-5MHz-16QAM-20625-1RB#24-PASS

Band5-5MHz-16QAM-20625-25RB#0-PASS



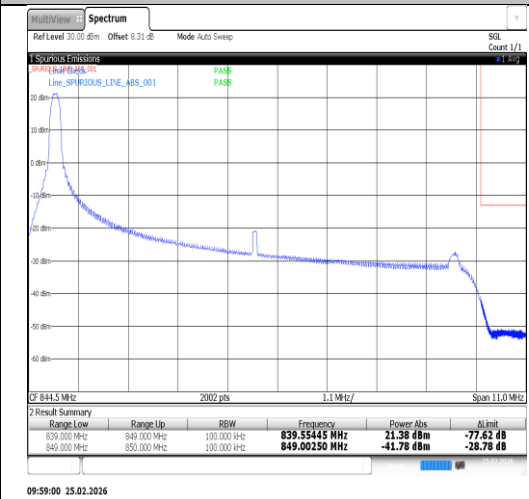
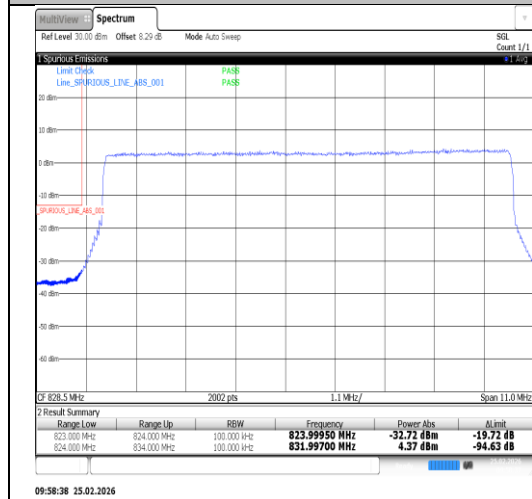
Band5-10MHz-QPSK-20450-1RB#0-PASS

Band5-10MHz-QPSK-20450-1RB#49-PASS



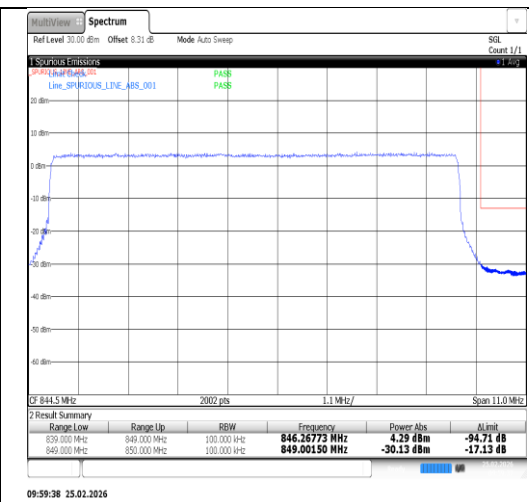
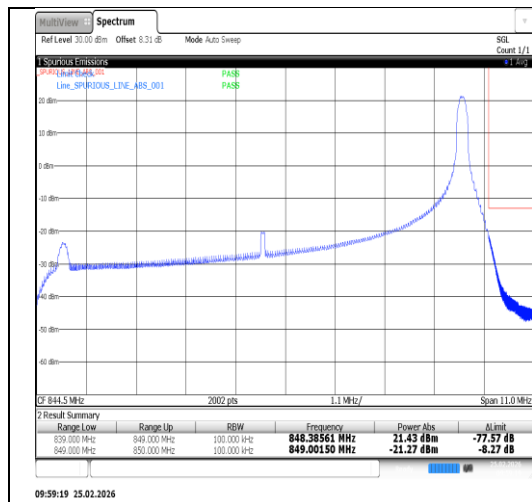
Band5-10MHz-QPSK-20450-50RB#0-PASS

Band5-10MHz-QPSK-20600-1RB#0-PASS



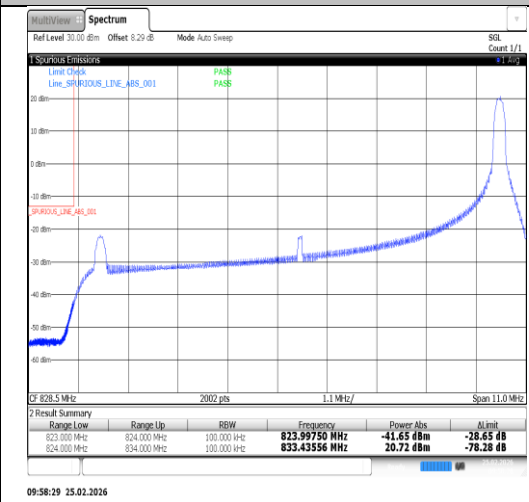
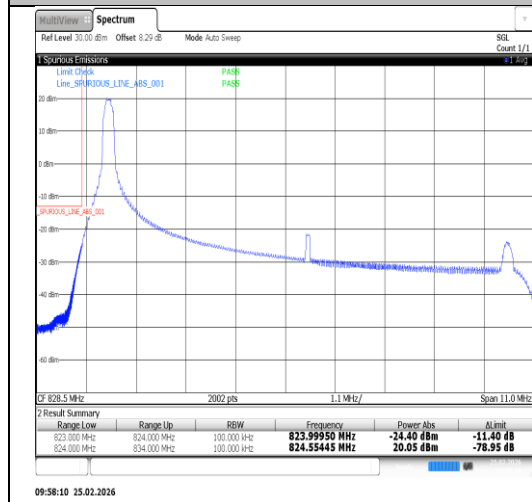
Band5-10MHz-QPSK-20600-1RB#49-PASS

Band5-10MHz-QPSK-20600-50RB#0-PASS



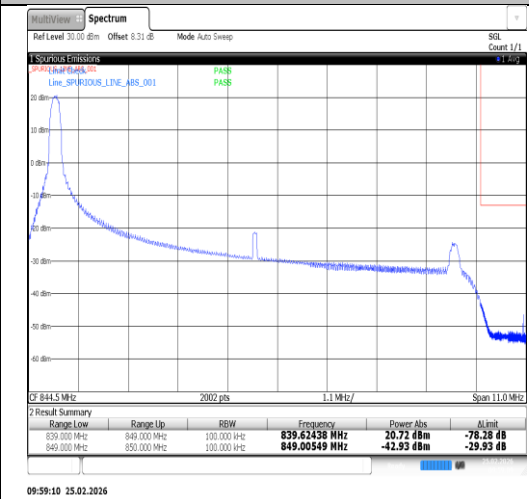
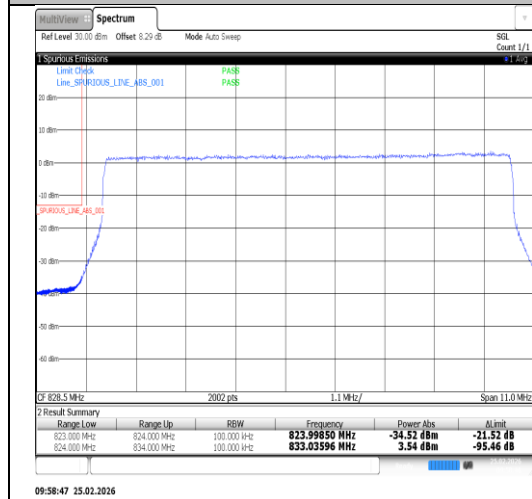
Band5-10MHz-16QAM-20450-1RB#0-PASS

Band5-10MHz-16QAM-20450-1RB#49-PASS



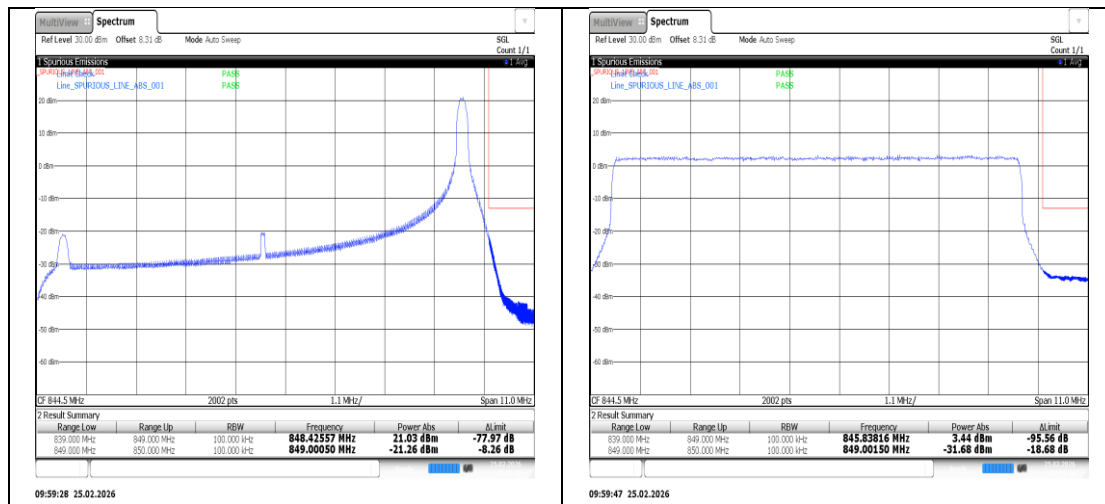
Band5-10MHz-16QAM-20450-50RB#0-PASS

Band5-10MHz-16QAM-20600-1RB#0-PASS



Band5-10MHz-16QAM-20600-1RB#49-PASS

Band5-10MHz-16QAM-20600-50RB#0-PASS



Appendix D: Conducted Spurious Emission

Test Result

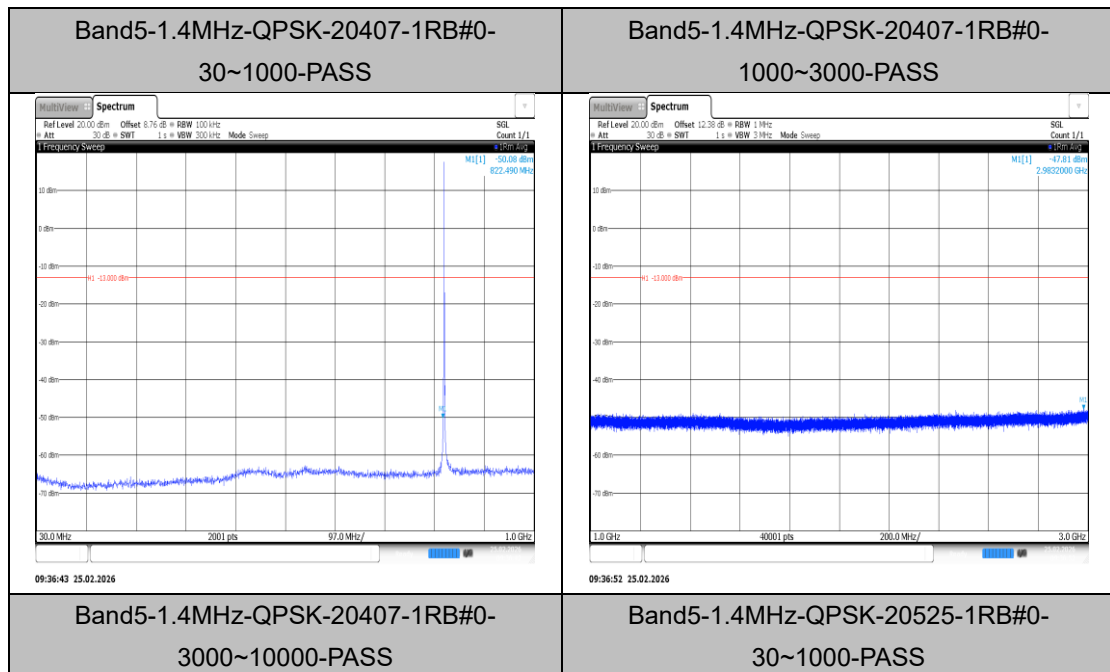
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	- 50.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	- 47.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	- 37.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	- 62.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	- 47.76	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	- 37.08	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	- 44.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	- 45.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	- 37.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	- 51.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	- 47.93	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	- 37.35	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	- 62.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	- 47.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	- 37.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	- 46.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	- 45.62	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	- 37.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-	PASS

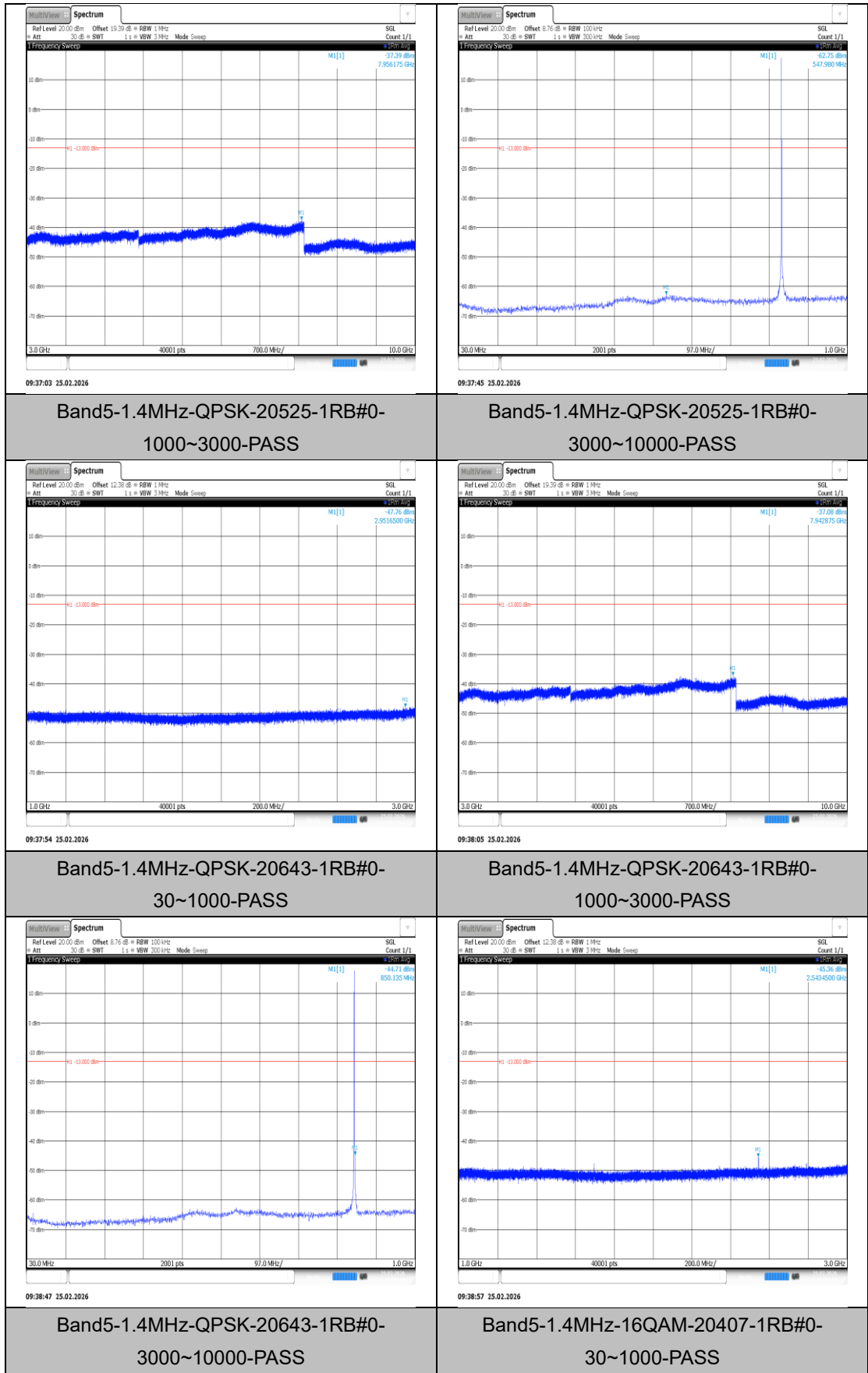
						46.19	
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	- 47.87	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	- 37.61	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	- 61.82	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	- 47.59	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	- 37.50	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	- 43.50	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	- 43.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	- 37.46	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	- 46.04	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	- 47.61	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	- 37.40	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	- 61.48	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	- 47.89	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	- 37.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	- 43.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	- 42.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	- 37.57	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	- 47.30	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	- 47.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	- 37.26	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	- 61.73	PASS

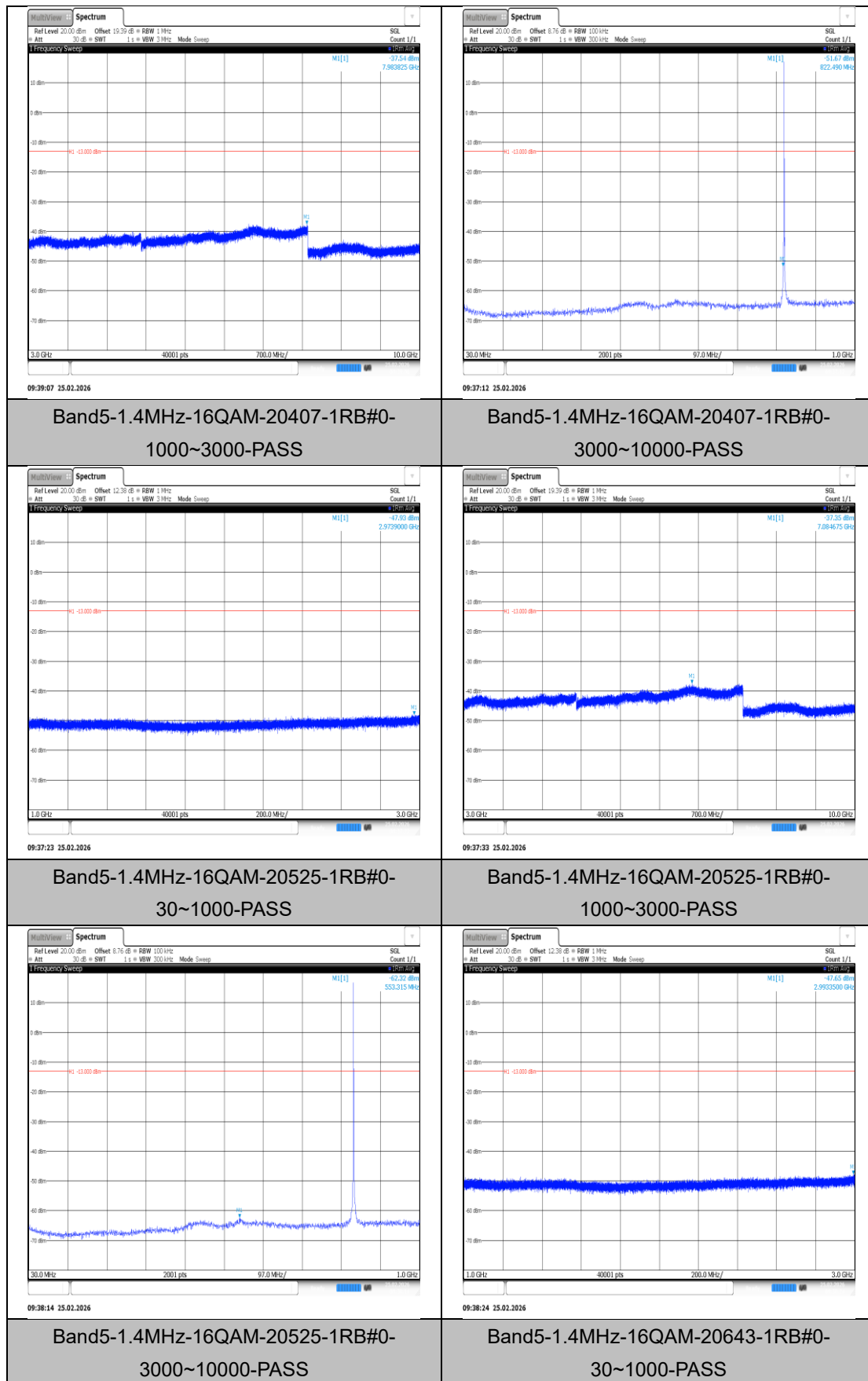
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	- 47.92	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	- 37.67	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	- 46.44	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	- 47.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	- 37.66	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	- 49.70	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	- 47.83	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	- 37.49	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	- 61.99	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	- 47.14	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	- 37.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	- 49.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	- 47.67	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	- 37.50	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	- 50.05	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	- 47.62	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	- 37.53	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	- 48.61	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	- 47.50	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	- 37.46	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	- 49.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	- 47.84	PASS

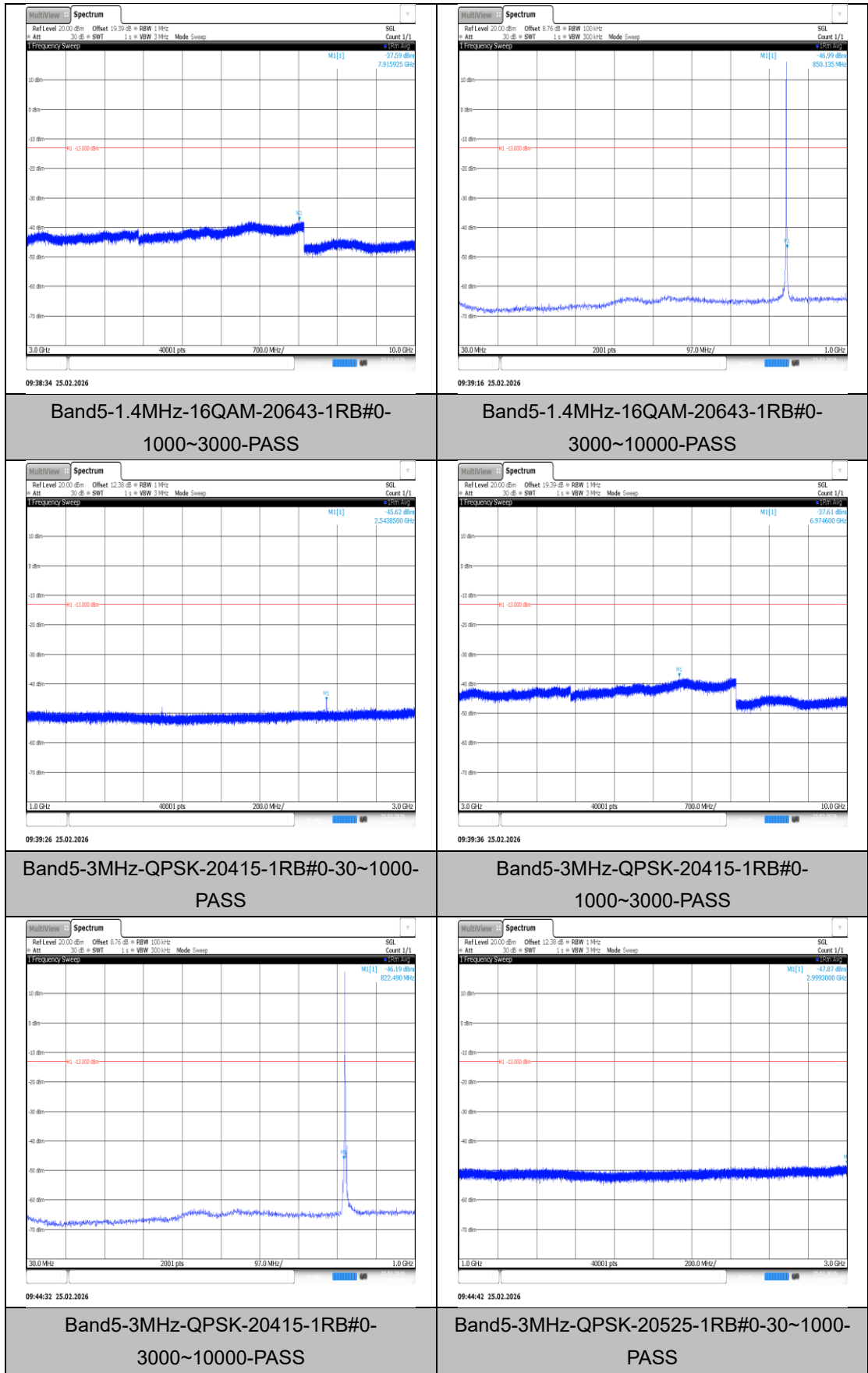
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	- 37.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	- 51.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	- 46.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	- 37.30	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	- 51.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	- 47.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	- 37.28	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	- 53.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	- 47.41	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	- 37.64	PASS

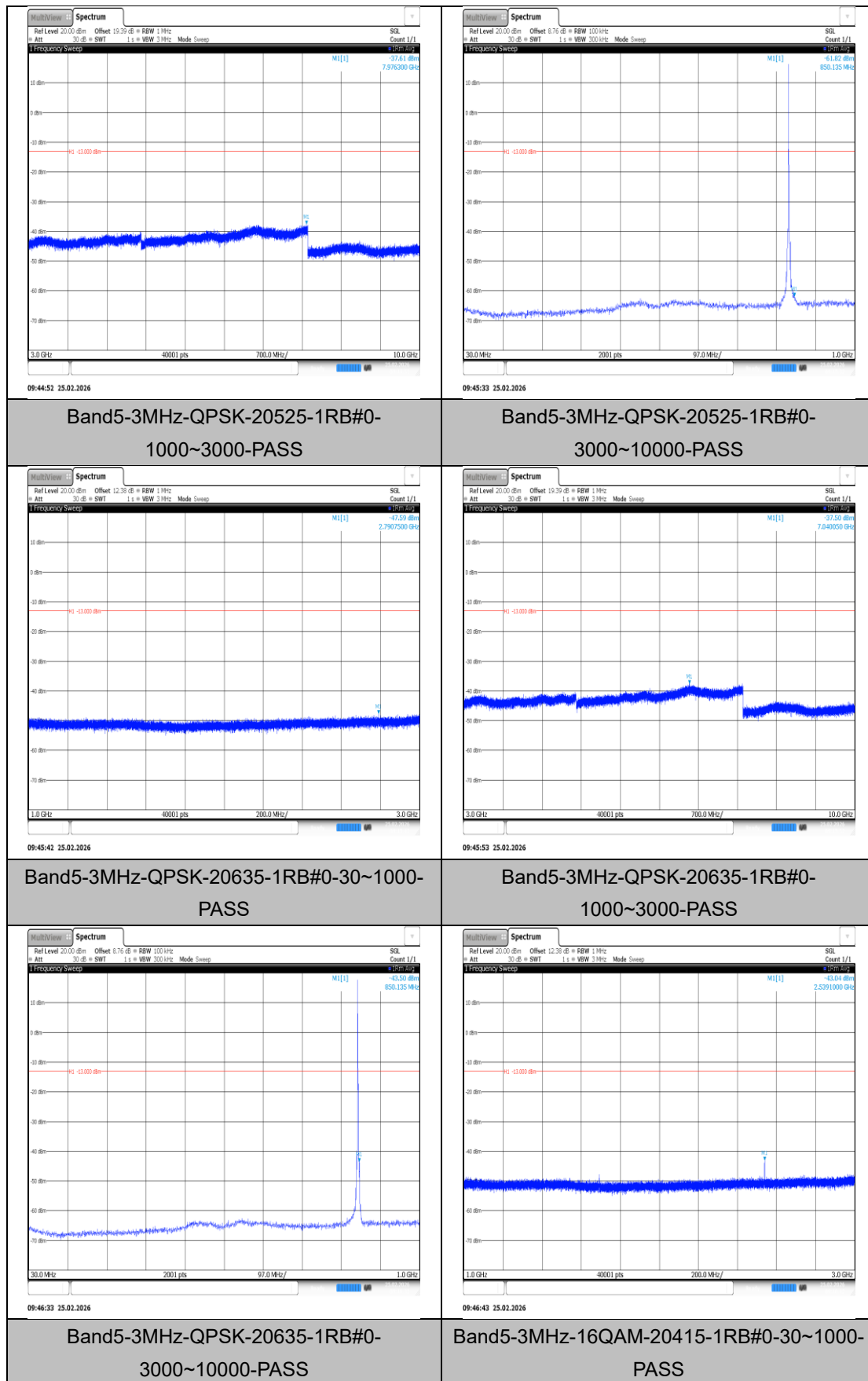
Test Graphs

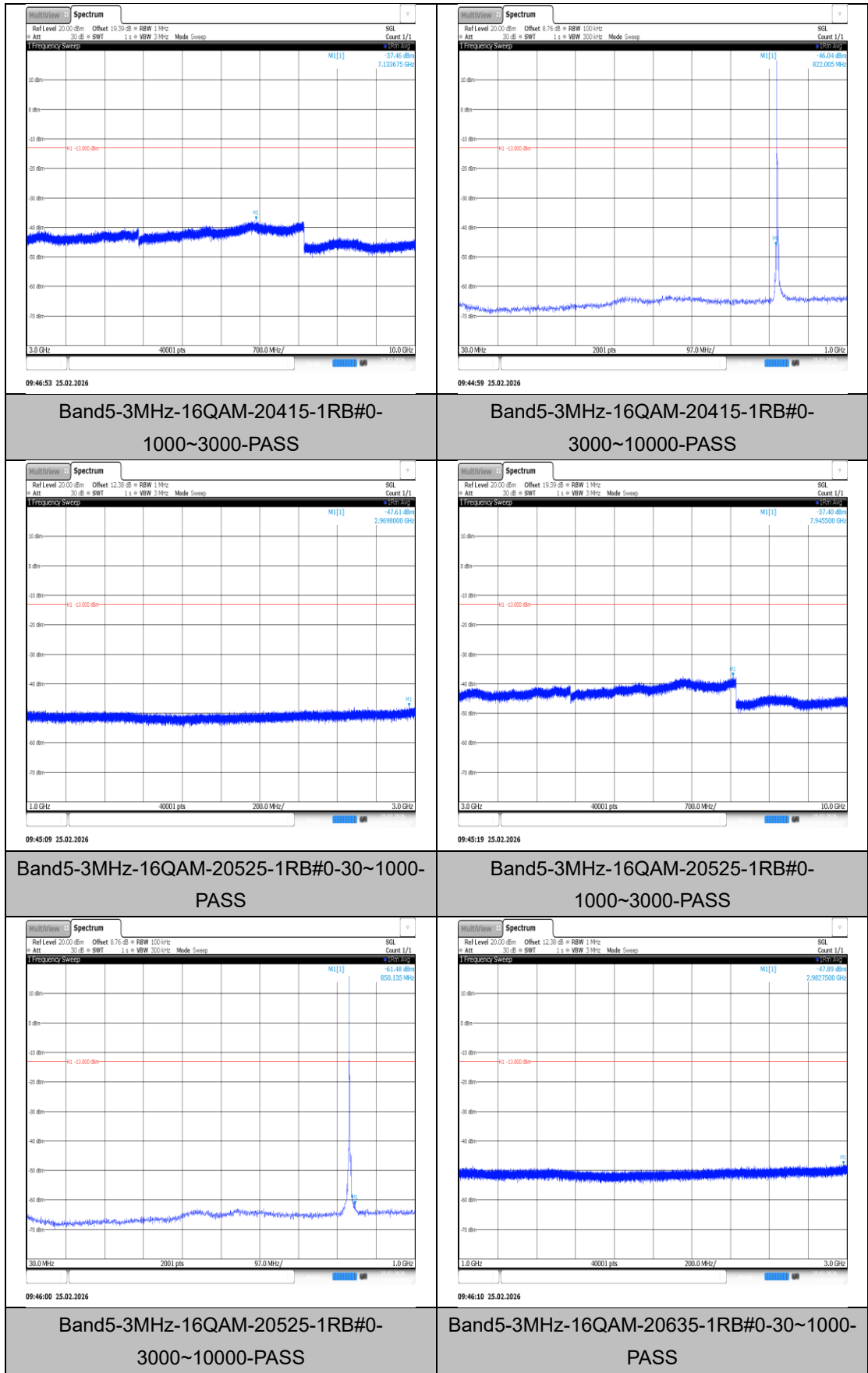


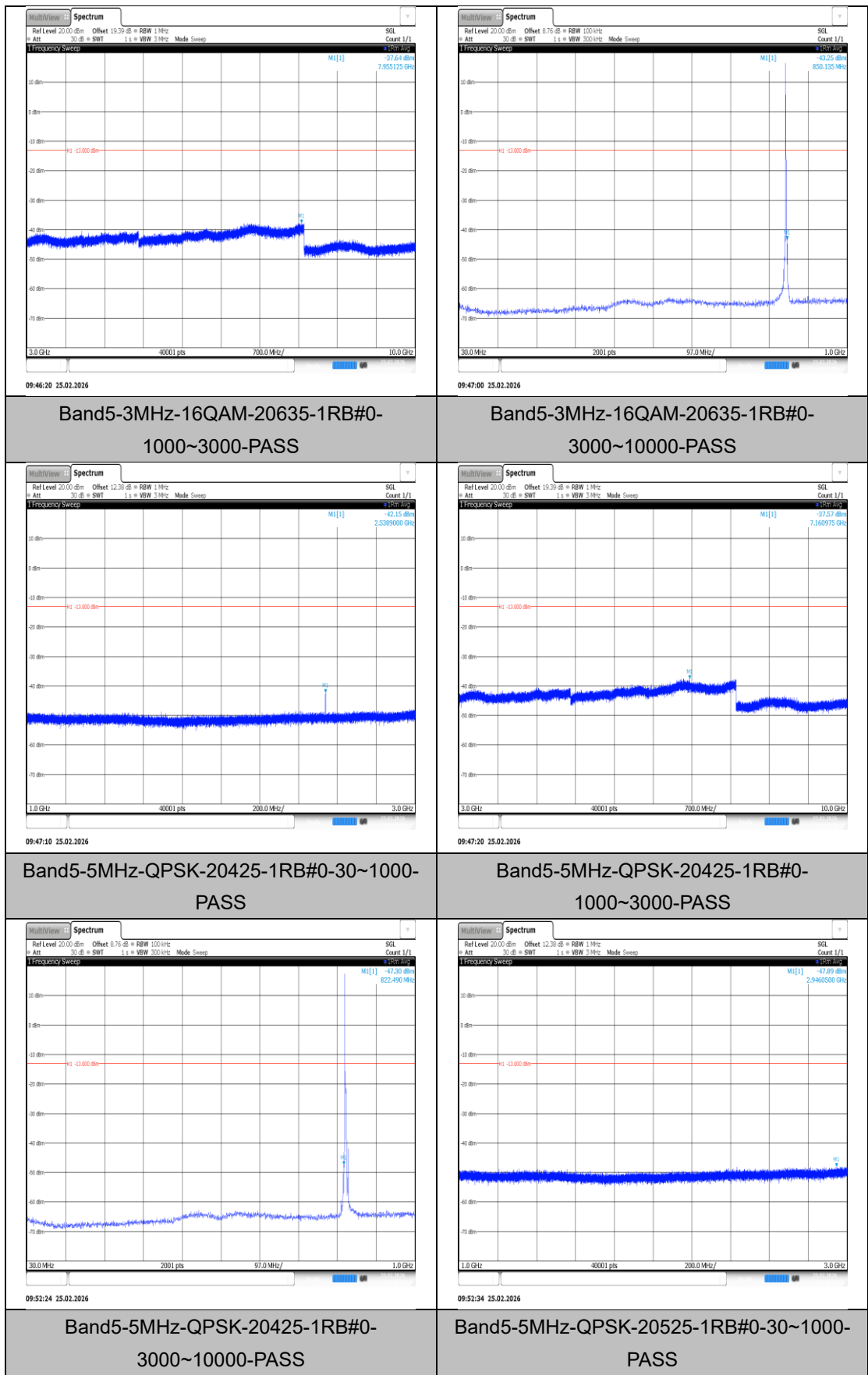


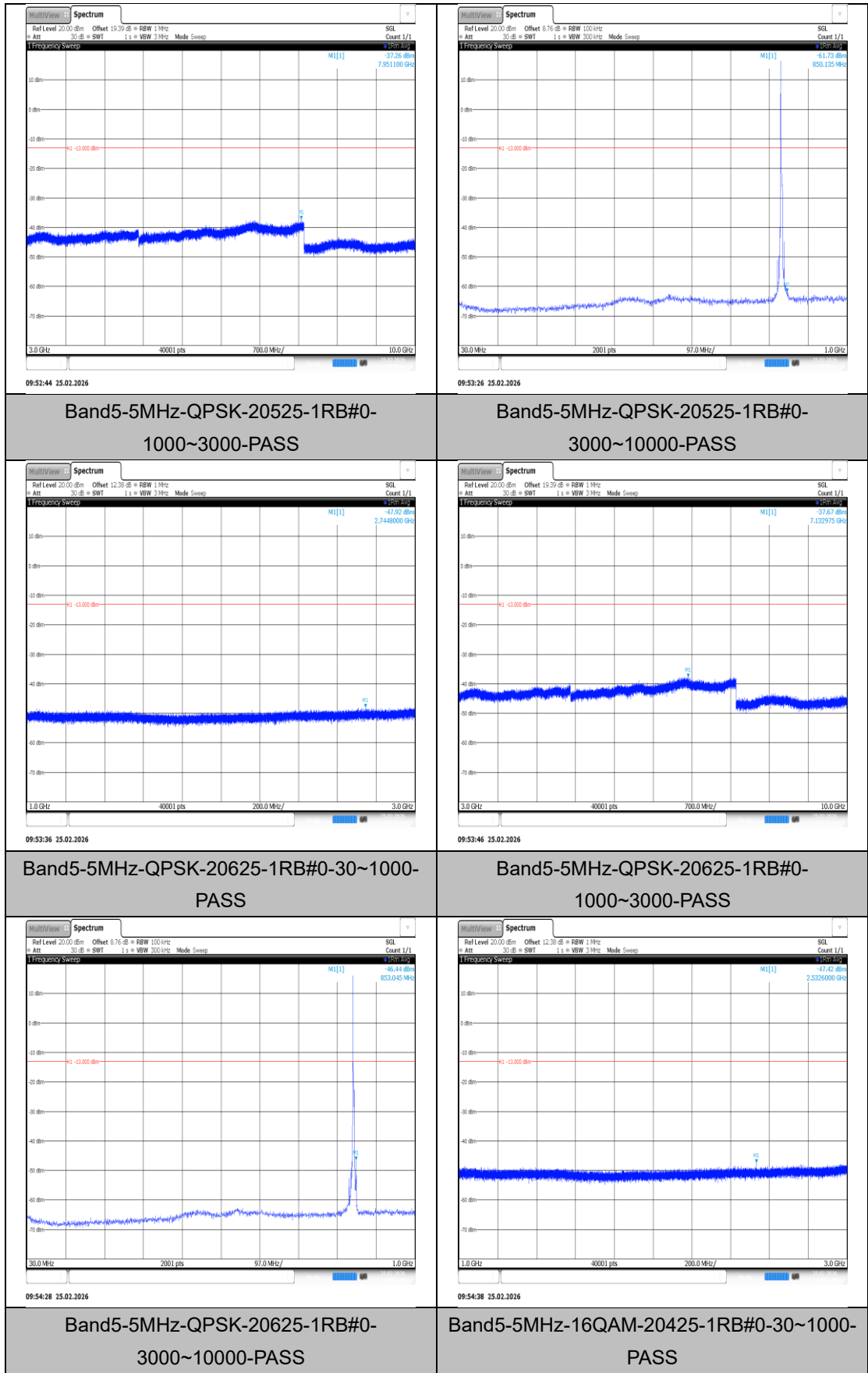


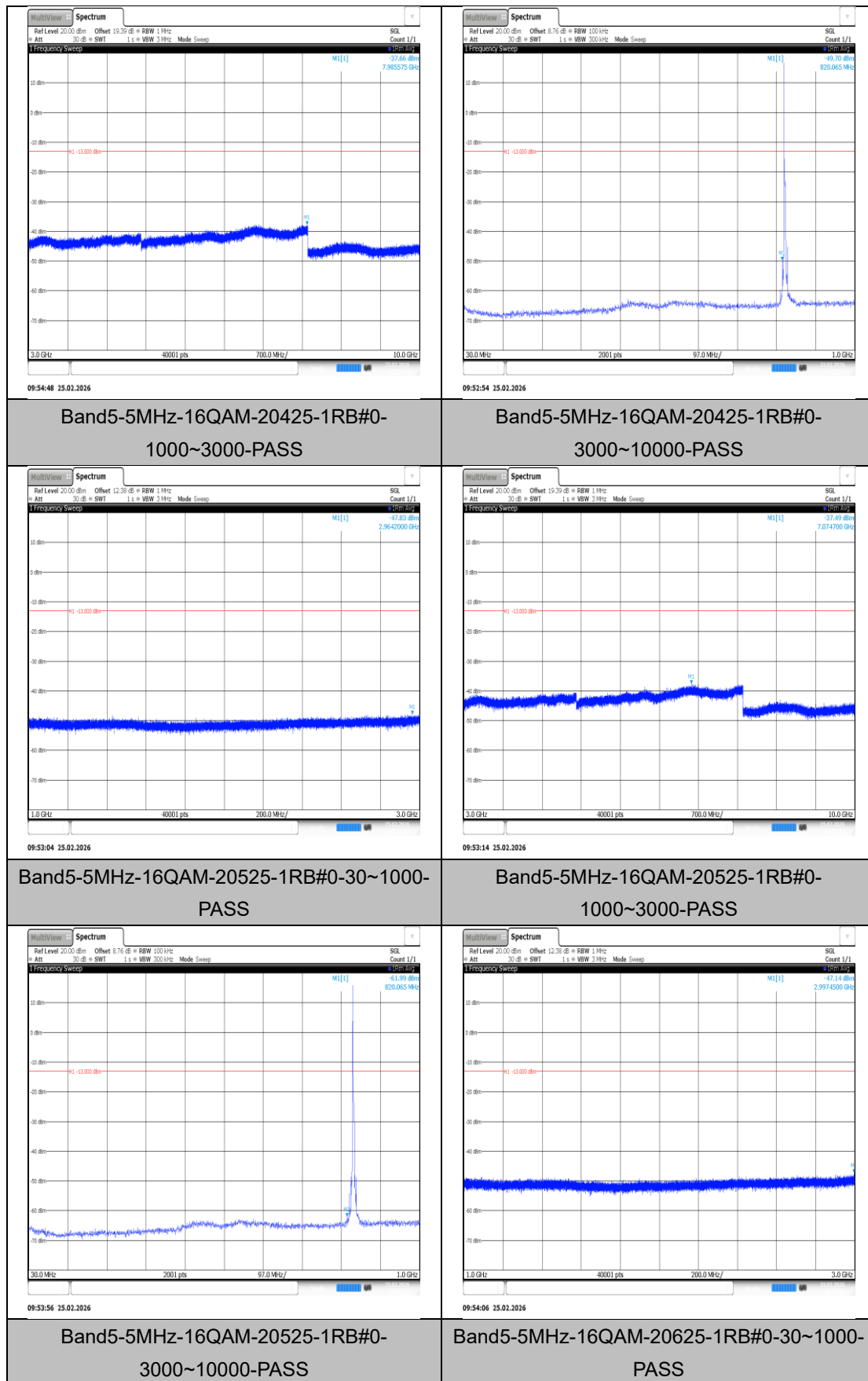


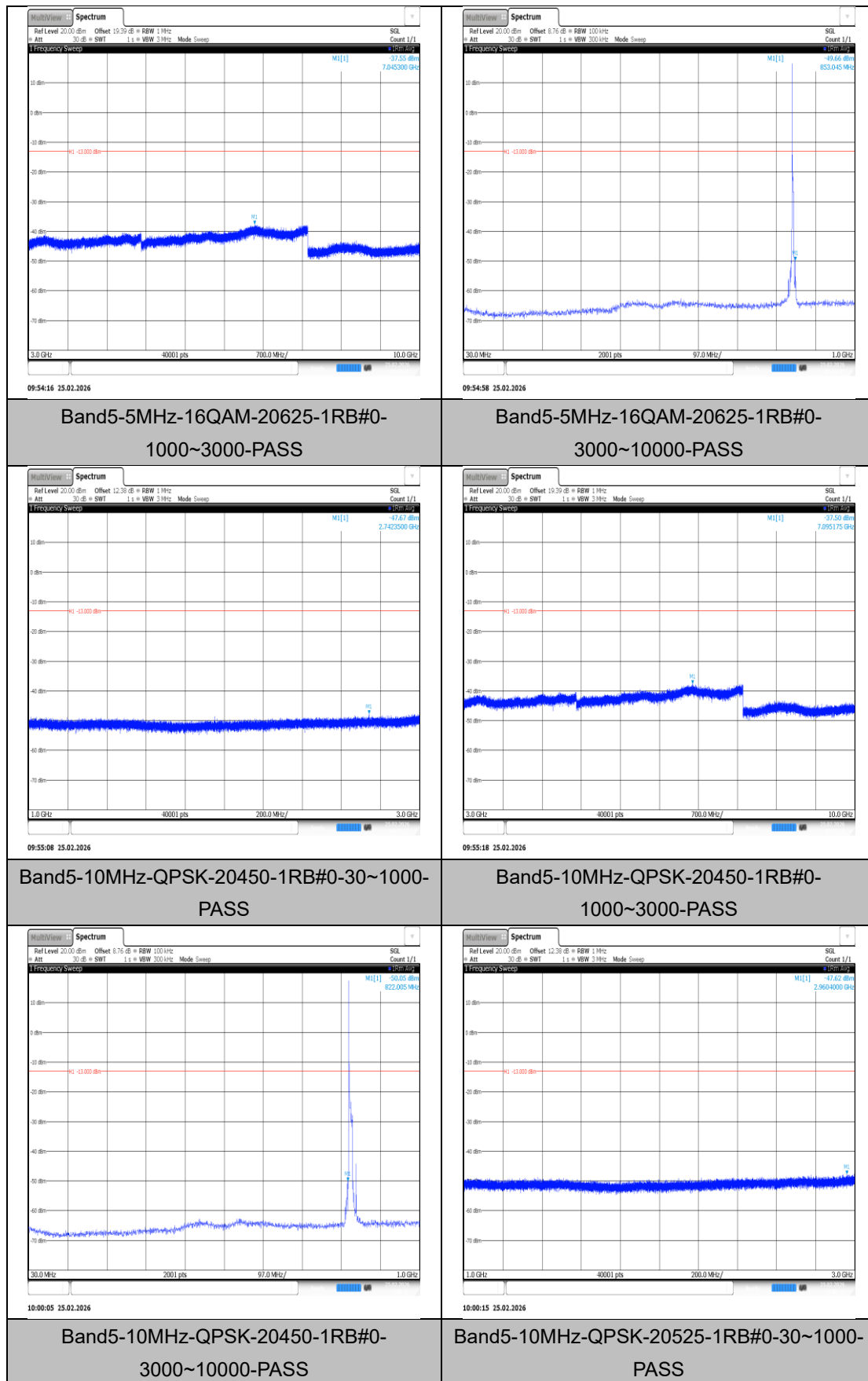


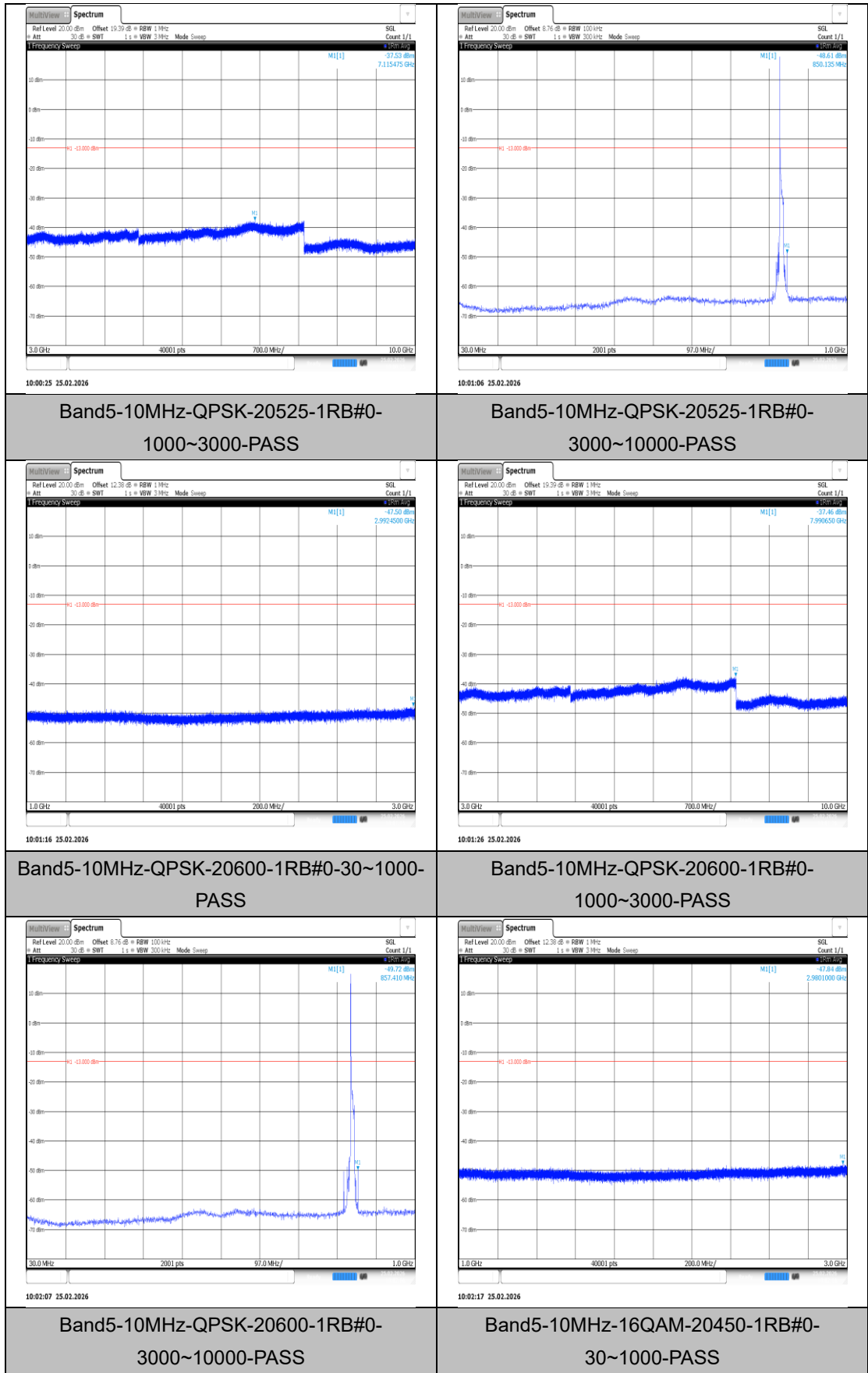


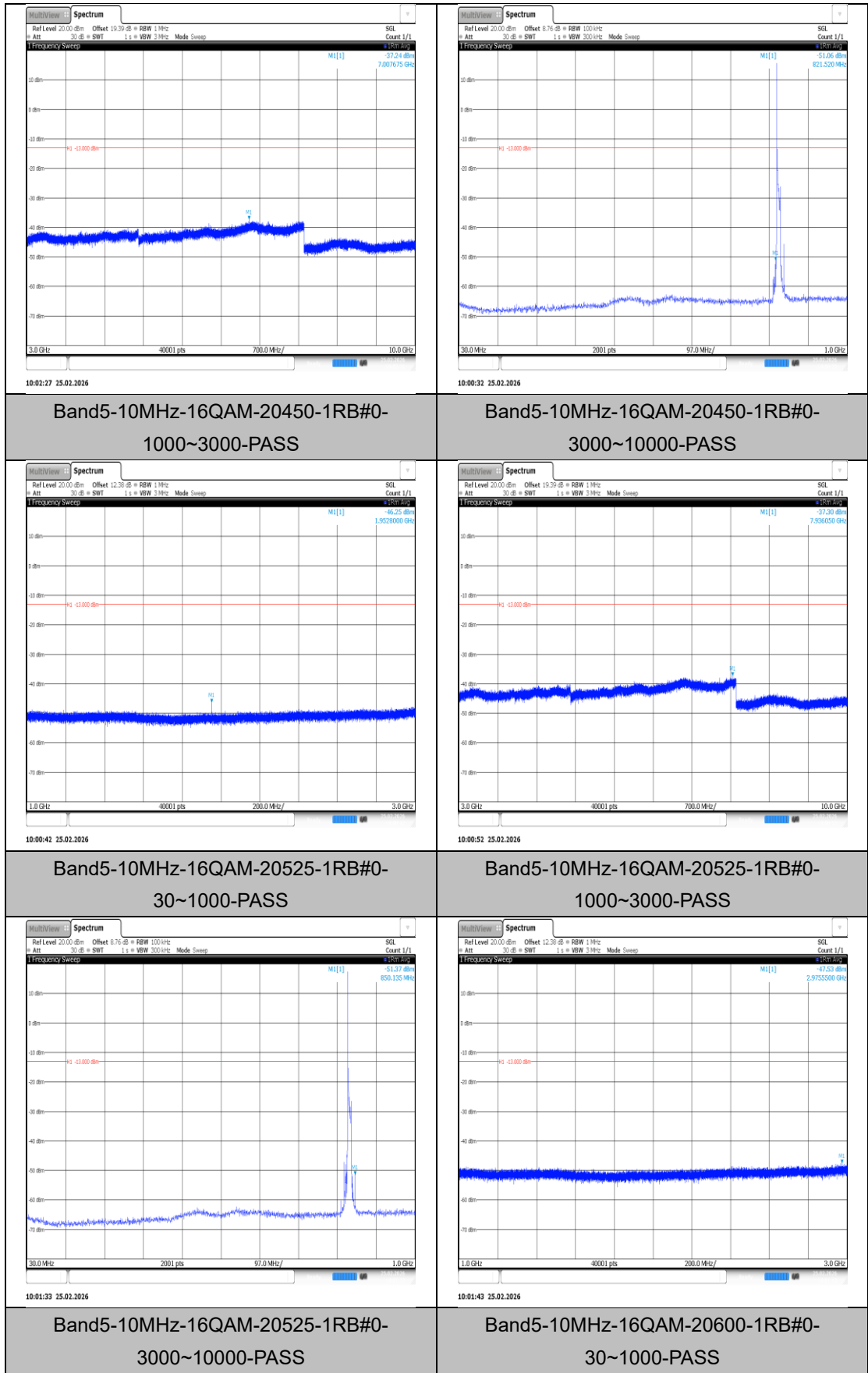


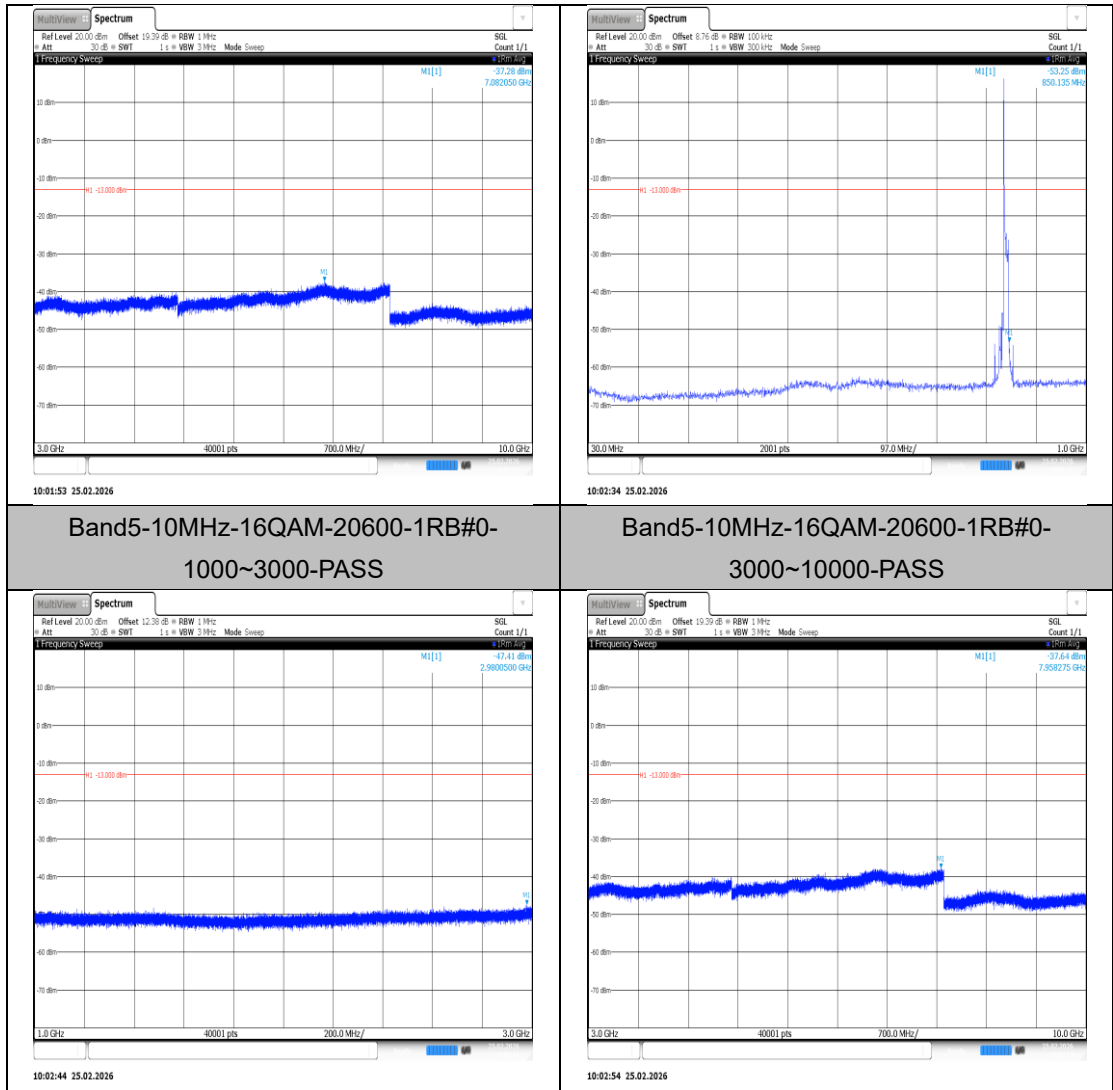












Band5-10MHz-16QAM-20600-1RB#0-
1000~3000-PASS

Band5-10MHz-16QAM-20600-1RB#0-
3000~10000-PASS

Appendix E: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-49.51	-0.059187	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-45.52	-0.054417	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-50.74	-0.060658	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-31.43	-0.037573	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-19.38	-0.023168	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-9.24	-0.011046	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	3.99	0.004770	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	41.13	0.049169	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	49.40	0.059056	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-33.85	-0.040466	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-33.56	-0.040120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-45.53	-0.054429	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	30.11	0.035995	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-18.71	-0.022367	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-39.53	-0.047256	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-18.08	-0.021614	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-16.16	-0.019319	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-41.08	-0.049109	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-39.54	-0.047268	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	2.92	0.003491	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-4.31	-0.005152	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	39.34	0.047029	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-34.95	-0.041781	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-17.11	-0.020454	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-40.15	-0.047998	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-20.27	-0.024232	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-26.19	-0.031309	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	3.16	0.003778	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-22.72	-0.027161	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-12.80	-0.015302	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-22.45	-0.026838	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-8.28	-0.009898	±2.5	PASS

Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-35.89	-0.042905	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-20.99	-0.025093	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-41.03	-0.049050	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-17.29	-0.020669	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-44.92	-0.053700	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-29.43	-0.035182	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-17.42	-0.020825	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	18.08	0.021614	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	2.47	0.002953	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	12.04	0.014393	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	5.85	0.006993	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-8.55	-0.010221	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-21.46	-0.025655	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-18.14	-0.021686	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-24.69	-0.029516	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-32.90	-0.039331	±2.5	PASS