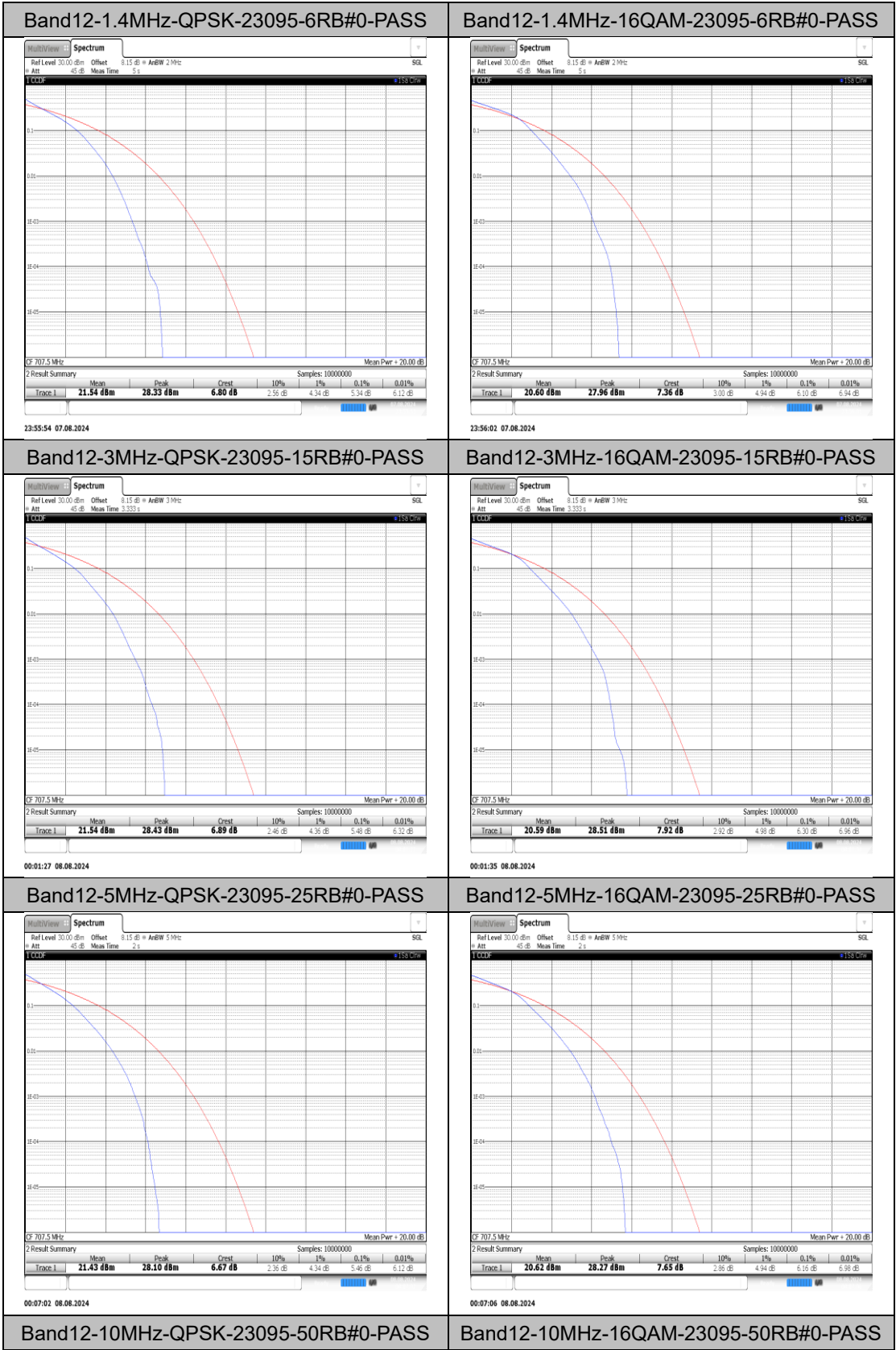


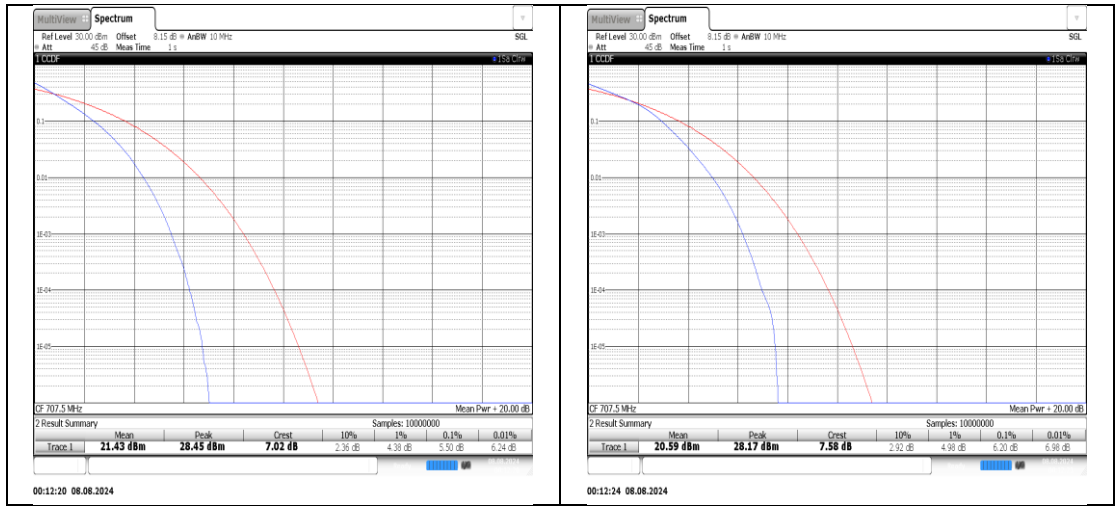
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.30	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.46	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.16	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.50	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.20	13	PASS

Test Graphs



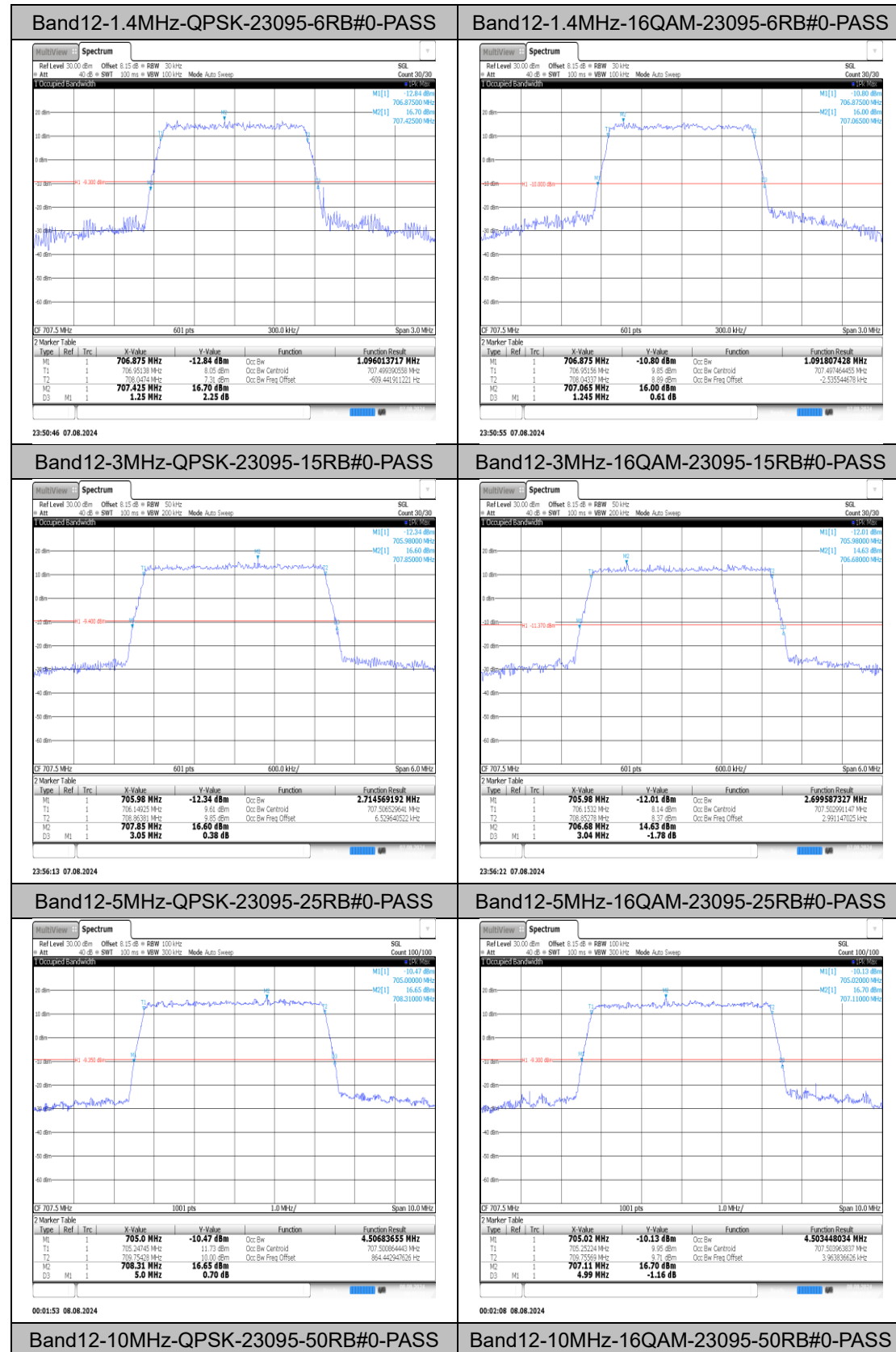


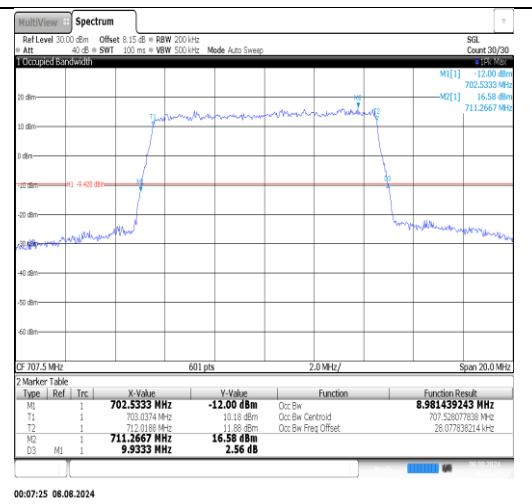
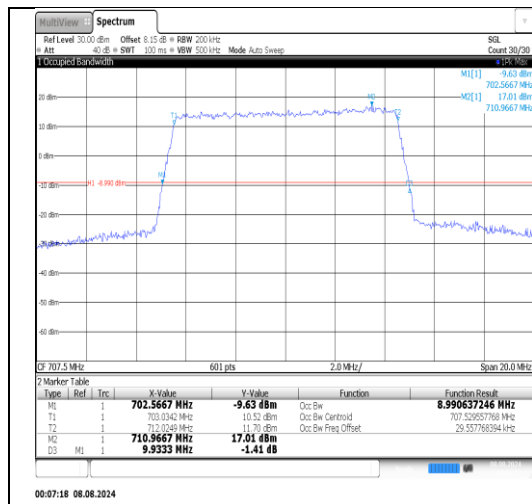
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.096	1.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.092	1.25	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.715	3.05	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7	3.04	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.507	5.00	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.503	4.99	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.991	9.93	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.981	9.93	PASS

Test Graphs





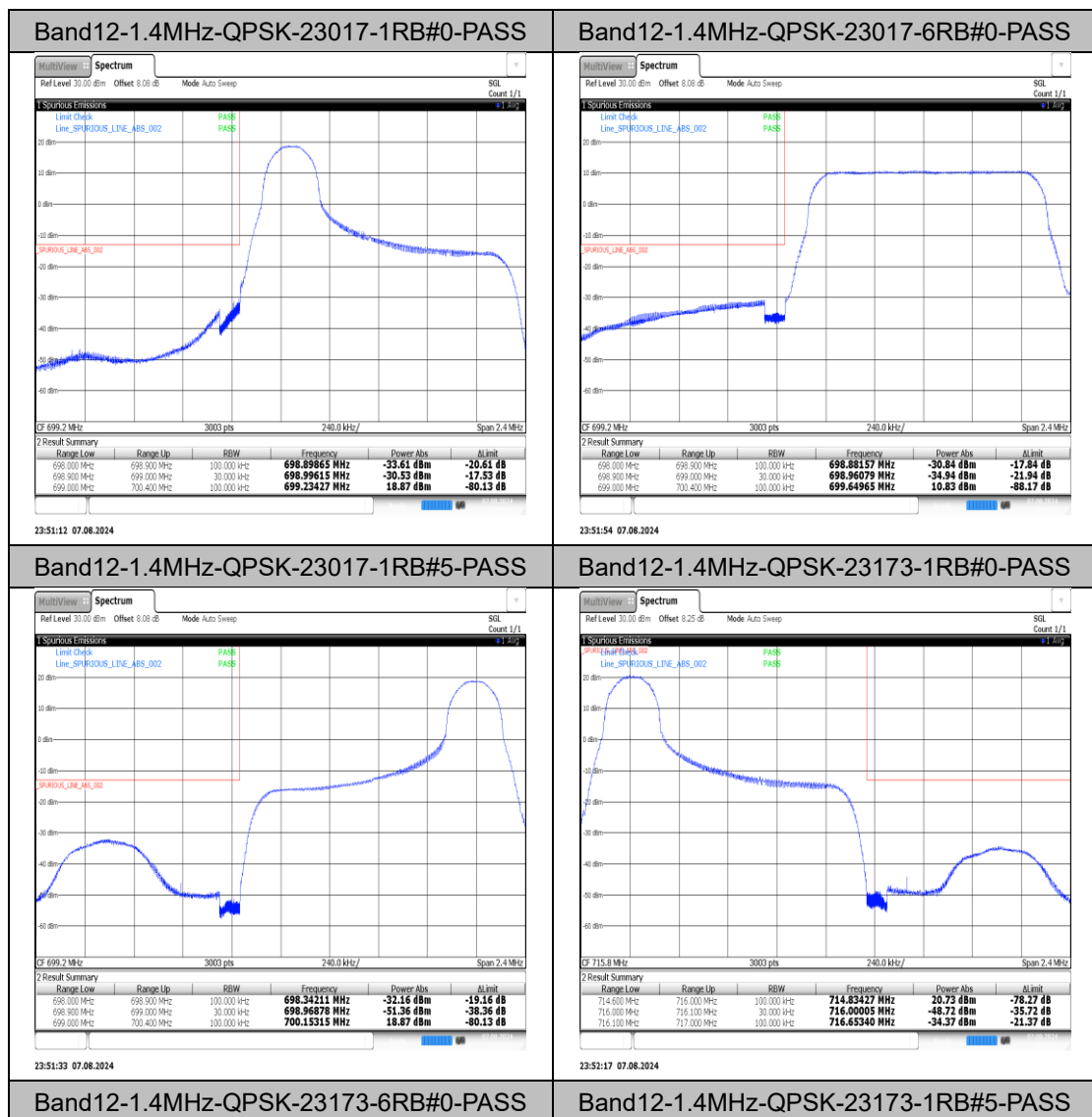
Appendix D: Band Edge

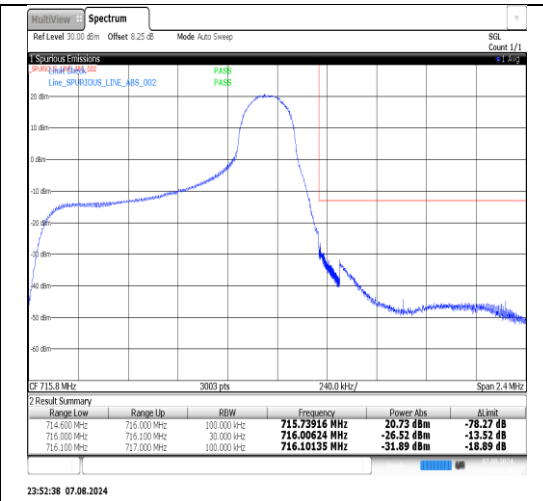
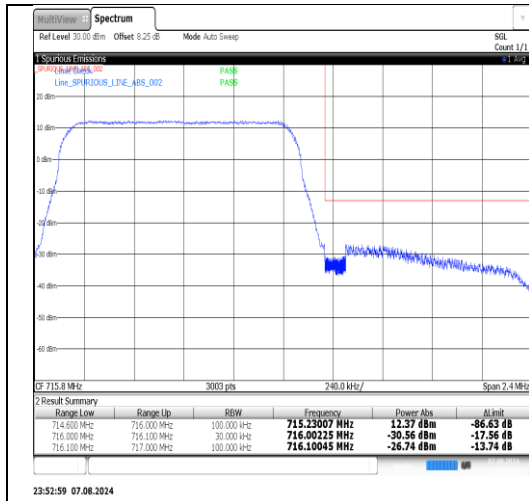
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-30.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-30.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-32.16	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-34.37	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-26.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-28.82	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.60	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-30.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-34.56	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-25.17	PASS
Band12	3MHz	QPSK	23025	1RB#0	-17.25	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.58	PASS
Band12	3MHz	QPSK	23025	1RB#14	-30.82	PASS
Band12	3MHz	QPSK	23165	1RB#0	-28.64	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.53	PASS
Band12	3MHz	QPSK	23165	1RB#14	-15.92	PASS
Band12	3MHz	16QAM	23025	1RB#0	-17.62	PASS
Band12	3MHz	16QAM	23025	15RB#0	-28.19	PASS
Band12	3MHz	16QAM	23025	1RB#14	-30.16	PASS
Band12	3MHz	16QAM	23165	1RB#0	-28.45	PASS
Band12	3MHz	16QAM	23165	15RB#0	-26.76	PASS
Band12	3MHz	16QAM	23165	1RB#14	-14.90	PASS
Band12	5MHz	QPSK	23035	1RB#0	-24.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	-35.72	PASS
Band12	5MHz	QPSK	23035	1RB#24	-43.04	PASS
Band12	5MHz	QPSK	23155	1RB#0	-41.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	-33.12	PASS
Band12	5MHz	QPSK	23155	1RB#24	-23.03	PASS
Band12	5MHz	16QAM	23035	1RB#0	-25.51	PASS
Band12	5MHz	16QAM	23035	25RB#0	-36.53	PASS
Band12	5MHz	16QAM	23035	1RB#24	-43.63	PASS
Band12	5MHz	16QAM	23155	1RB#0	-41.49	PASS
Band12	5MHz	16QAM	23155	25RB#0	-34.03	PASS
Band12	5MHz	16QAM	23155	1RB#24	-23.80	PASS
Band12	10MHz	QPSK	23060	1RB#0	-31.04	PASS

Band12	10MHz	QPSK	23060	50RB#0	-39.74	PASS
Band12	10MHz	QPSK	23060	1RB#49	-49.61	PASS
Band12	10MHz	QPSK	23130	1RB#0	-46.94	PASS
Band12	10MHz	QPSK	23130	50RB#0	-37.31	PASS
Band12	10MHz	QPSK	23130	1RB#49	-28.69	PASS
Band12	10MHz	16QAM	23060	1RB#0	-30.39	PASS
Band12	10MHz	16QAM	23060	50RB#0	-39.92	PASS
Band12	10MHz	16QAM	23060	1RB#49	-49.40	PASS
Band12	10MHz	16QAM	23130	1RB#0	-46.82	PASS
Band12	10MHz	16QAM	23130	50RB#0	-36.27	PASS
Band12	10MHz	16QAM	23130	1RB#49	-27.57	PASS

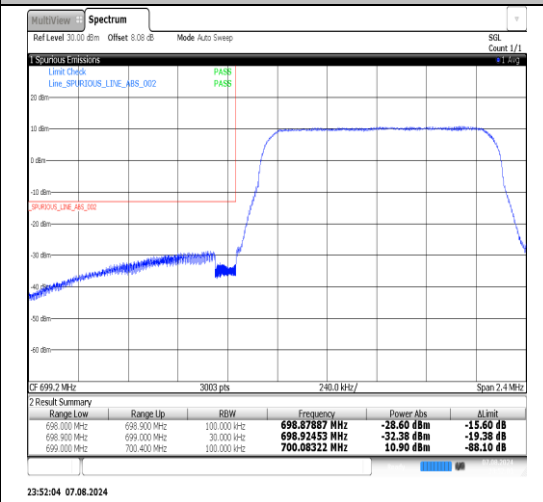
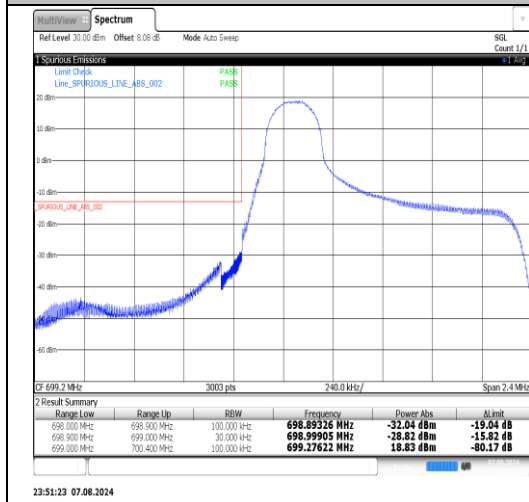
Test Graphs





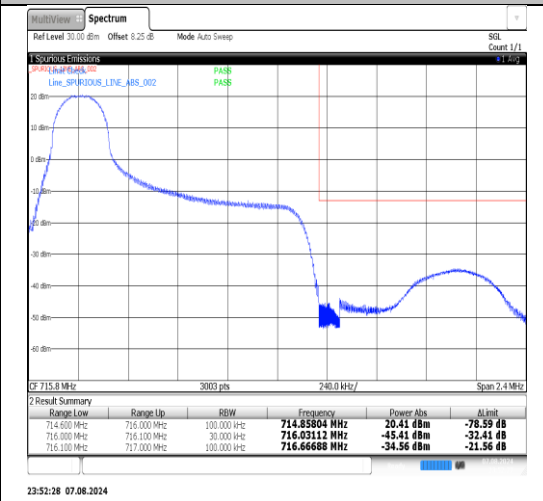
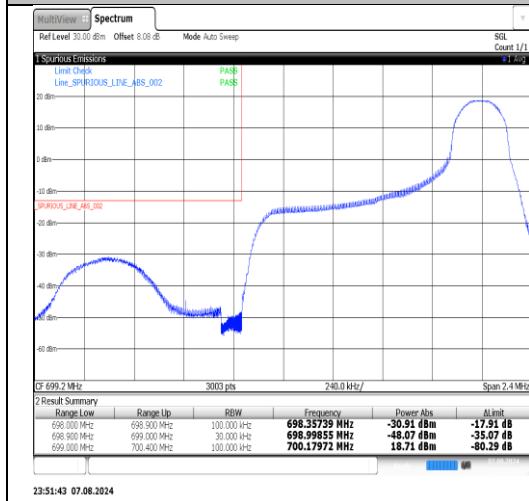
Band12-1.4MHz-16QAM-23017-1RB#0-PASS

Band12-1.4MHz-16QAM-23017-6RB#0-PASS



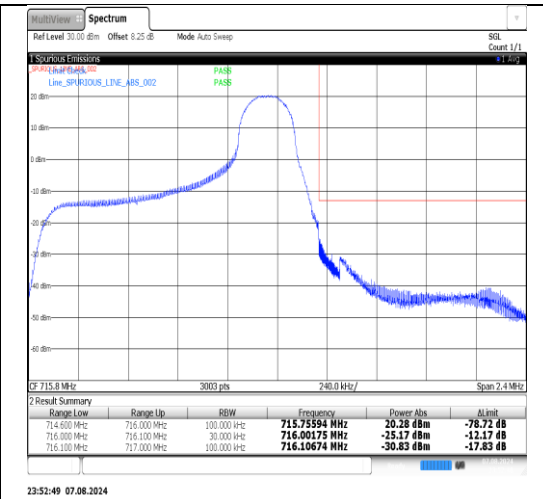
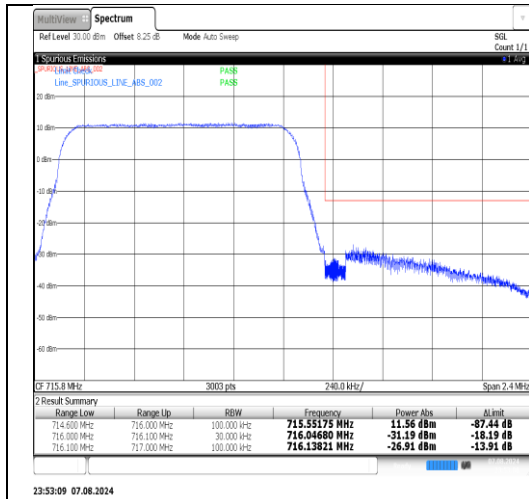
Band12-1.4MHz-16QAM-23017-1RB#5-PASS

Band12-1.4MHz-16QAM-23173-1RB#0-PASS



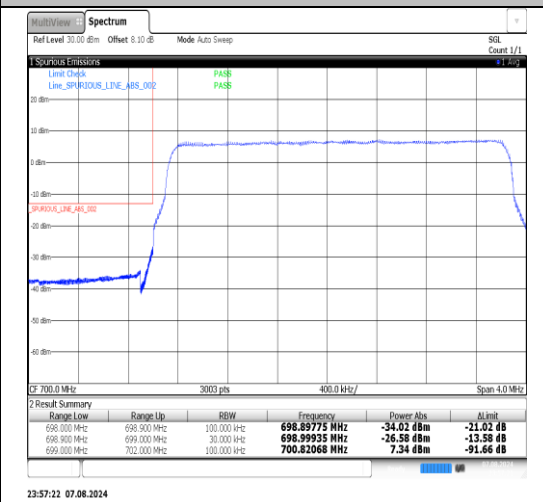
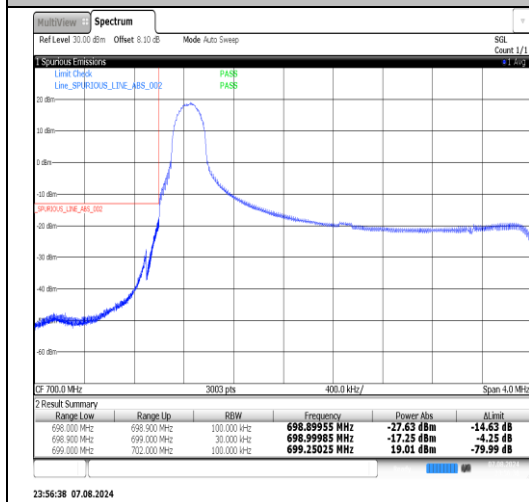
Band12-1.4MHz-16QAM-23173-6RB#0-PASS

Band12-1.4MHz-16QAM-23173-1RB#5-PASS



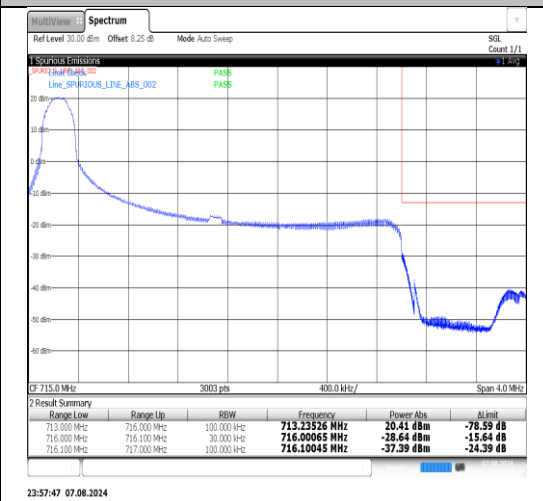
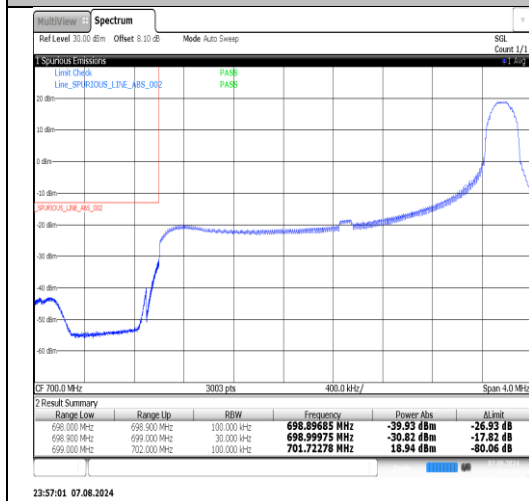
Band12-3MHz-QPSK-23025-1RB#0-PASS

Band12-3MHz-QPSK-23025-15RB#0-PASS



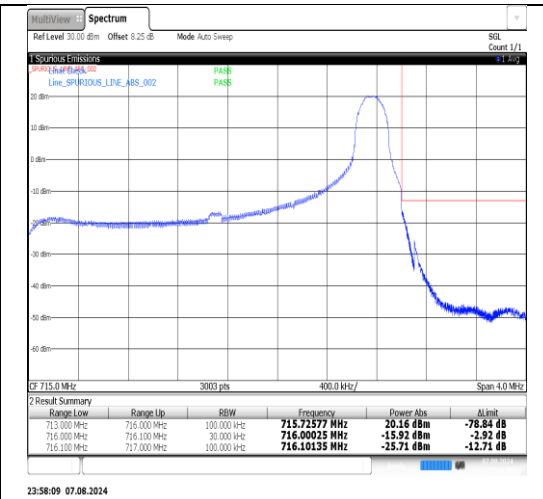
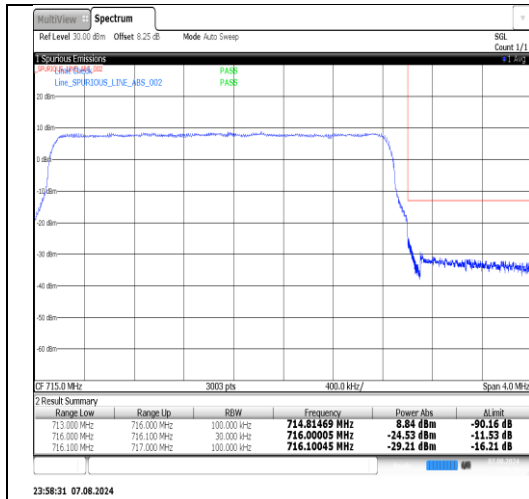
Band12-3MHz-QPSK-23025-1RB#14-PASS

Band12-3MHz-QPSK-23165-1RB#0-PASS



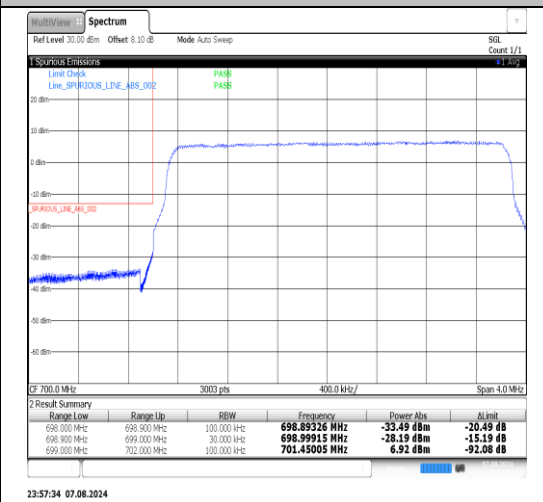
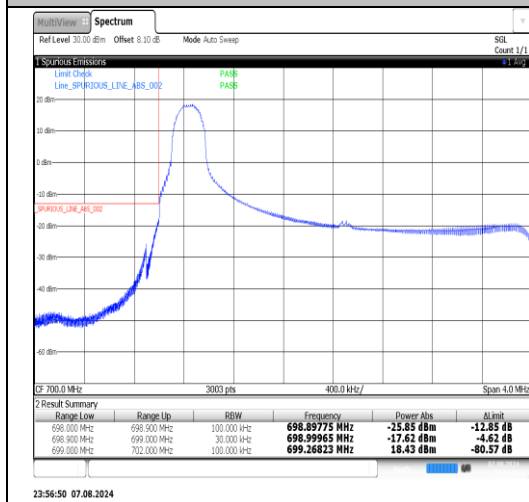
Band12-3MHz-QPSK-23165-15RB#0-PASS

Band12-3MHz-QPSK-23165-1RB#14-PASS



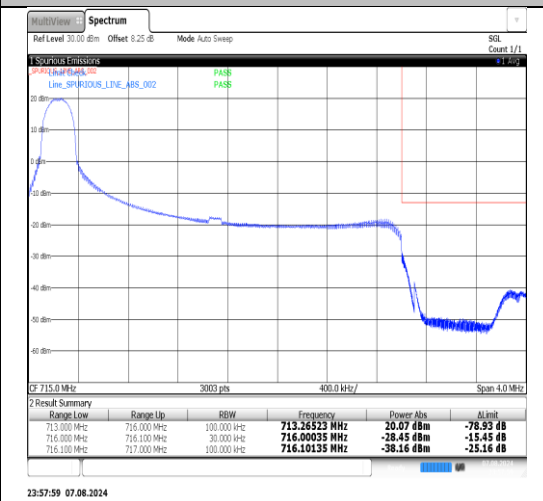
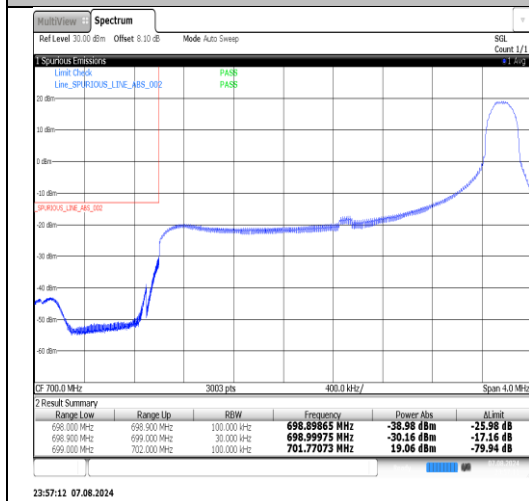
Band12-3MHz-16QAM-23025-1RB#0-PASS

Band12-3MHz-16QAM-23025-15RB#0-PASS



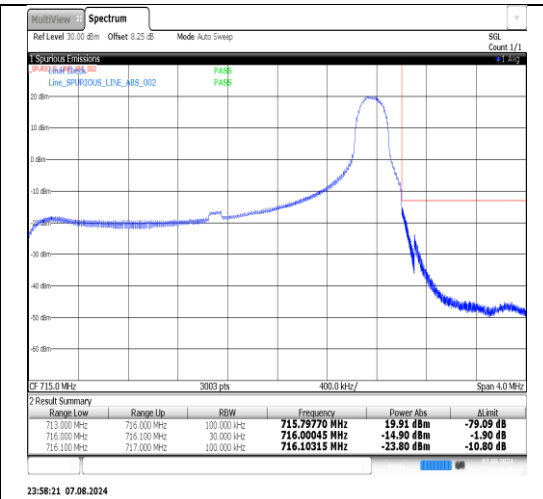
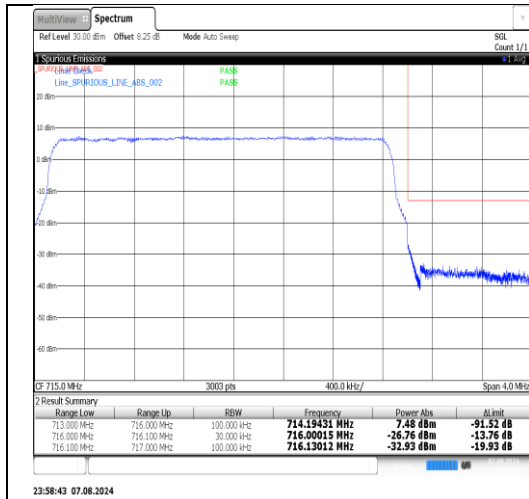
Band12-3MHz-16QAM-23025-1RB#14-PASS

Band12-3MHz-16QAM-23165-1RB#0-PASS

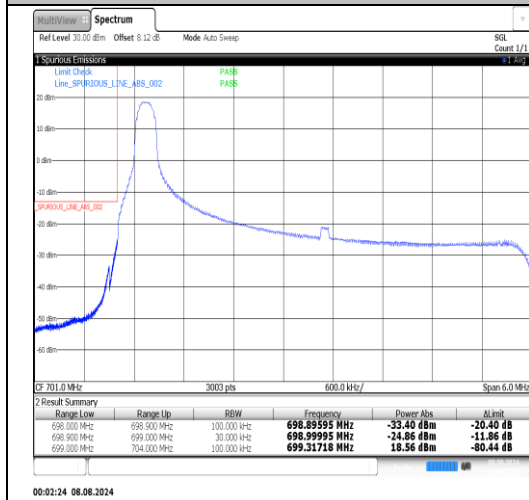


Band12-3MHz-16QAM-23165-15RB#0-PASS

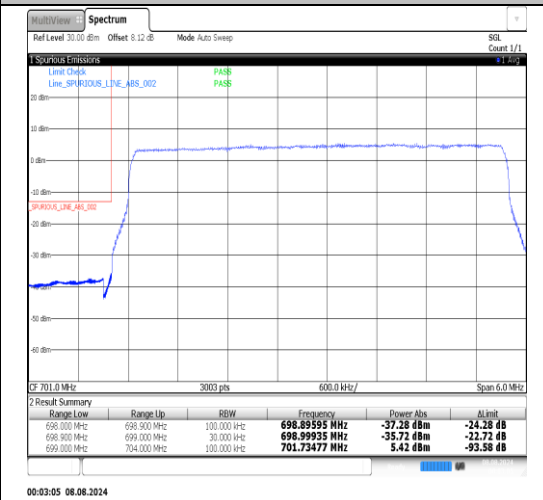
Band12-3MHz-16QAM-23165-1RB#14-PASS



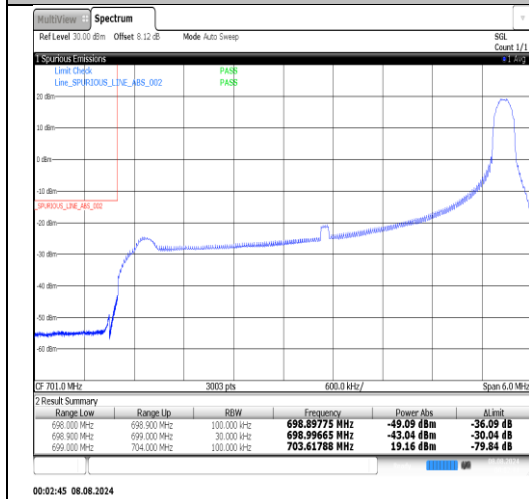
Band12-5MHz-QPSK-23035-1RB#0-PASS



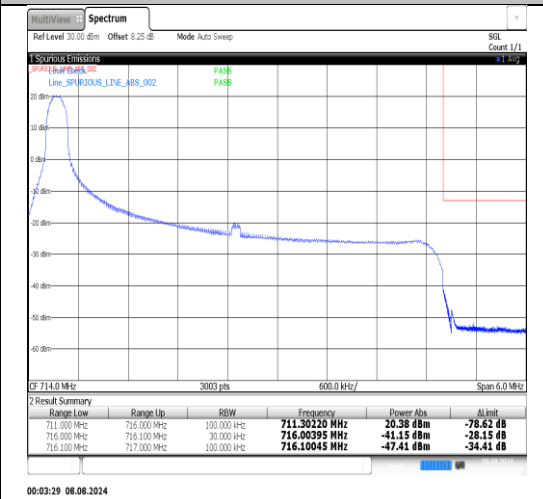
Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-QPSK-23035-1RB#24-PASS

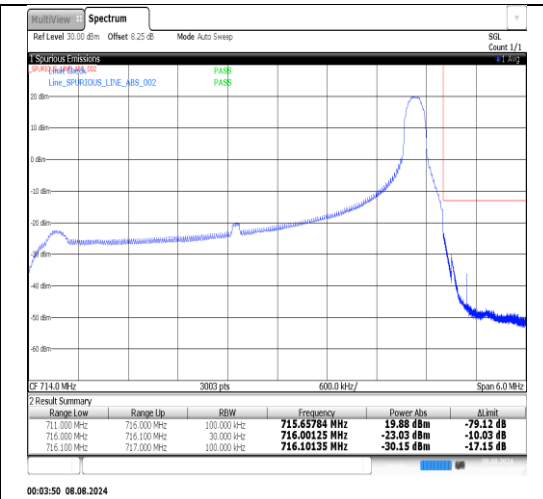
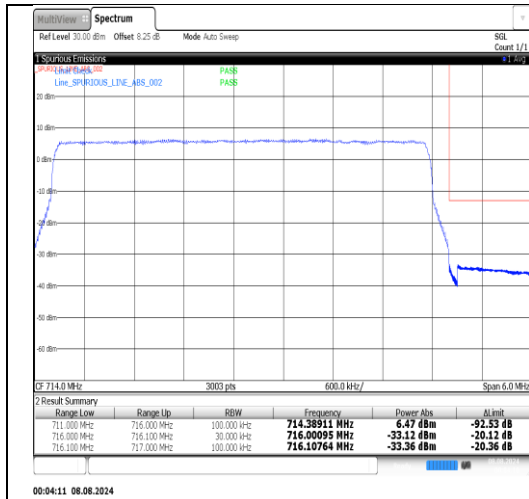


Band12-5MHz-QPSK-23155-1RB#0-PASS



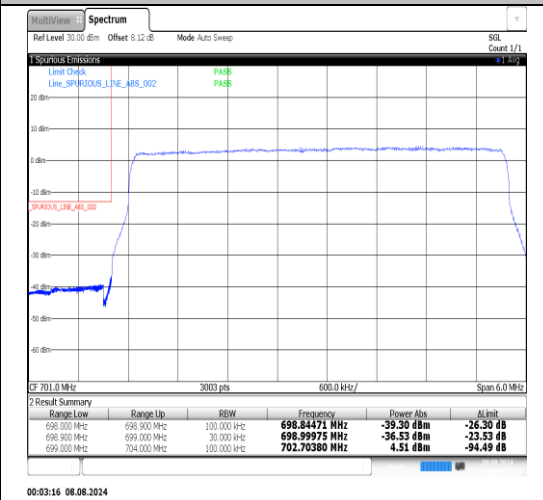
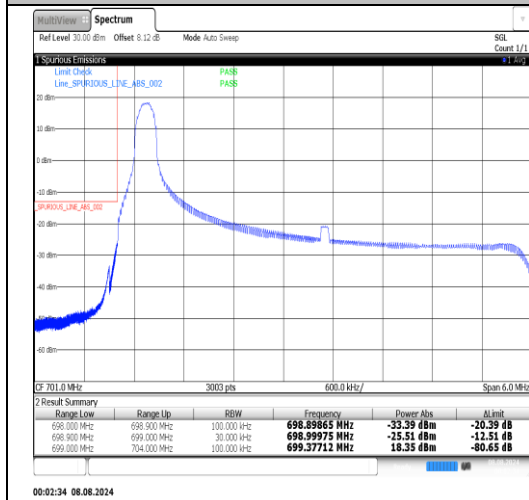
Band12-5MHz-QPSK-23155-25RB#0-PASS

Band12-5MHz-QPSK-23155-1RB#24-PASS



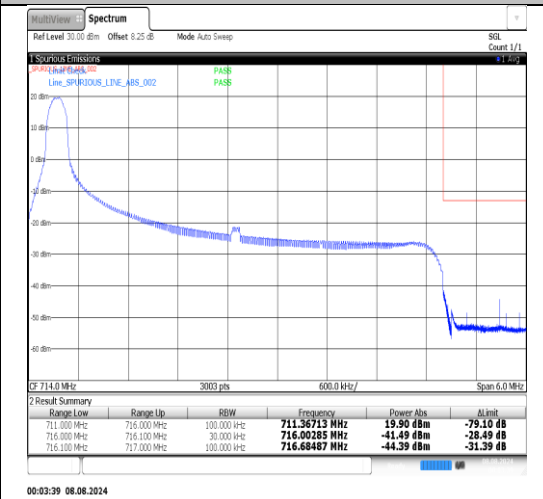
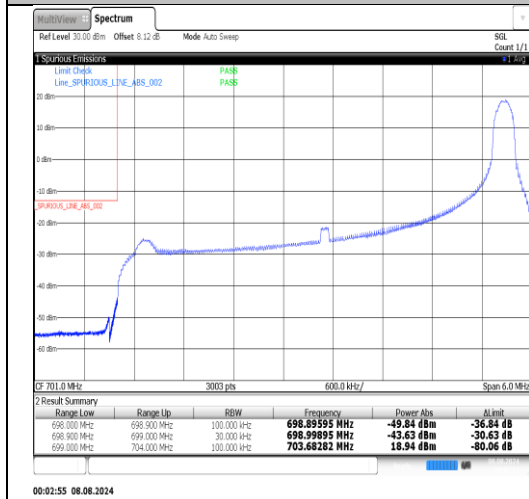
Band12-5MHz-16QAM-23035-1RB#0-PASS

Band12-5MHz-16QAM-23035-25RB#0-PASS



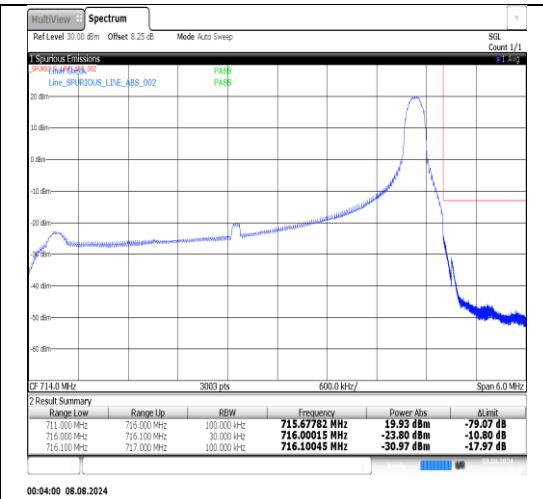
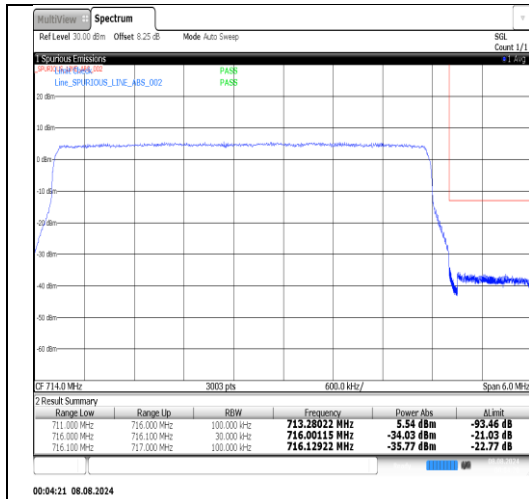
Band12-5MHz-16QAM-23035-1RB#24-PASS

Band12-5MHz-16QAM-23155-1RB#0-PASS



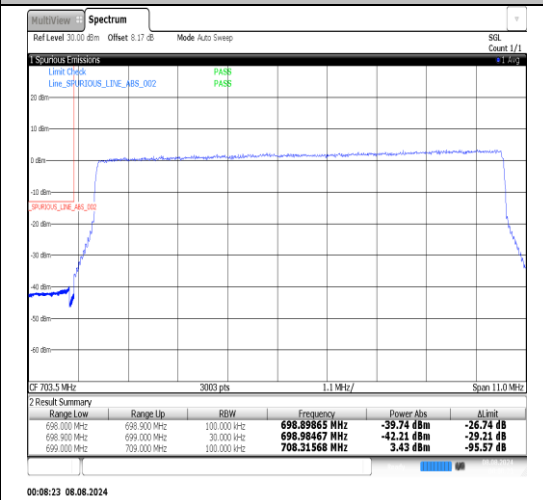
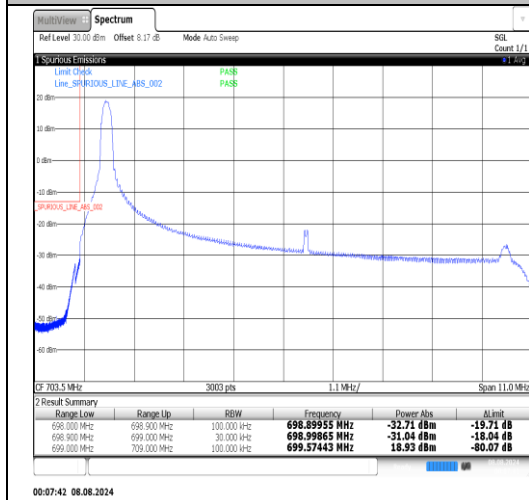
Band12-5MHz-16QAM-23155-25RB#0-PASS

Band12-5MHz-16QAM-23155-1RB#24-PASS



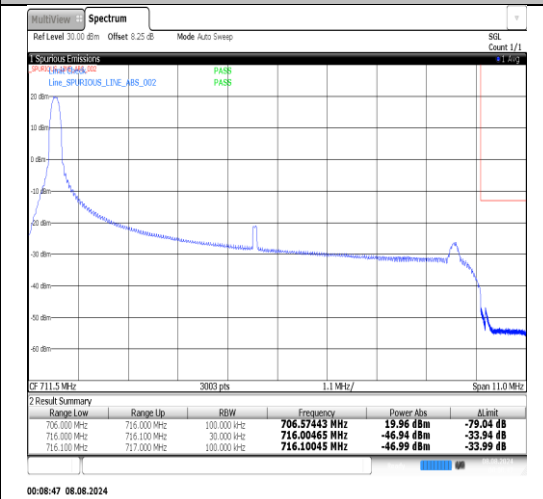
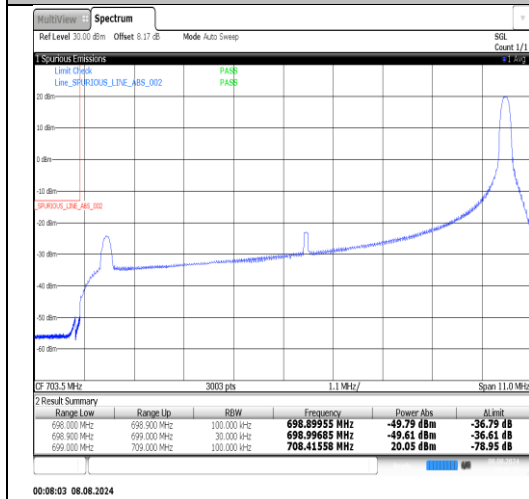
Band12-10MHz-QPSK-23060-1RB#0-PASS

Band12-10MHz-QPSK-23060-50RB#0-PASS



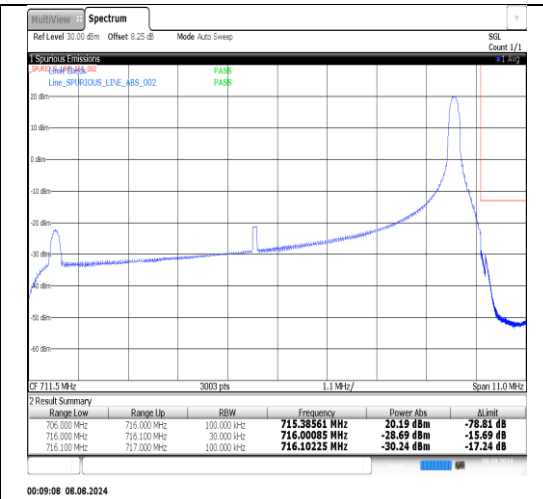
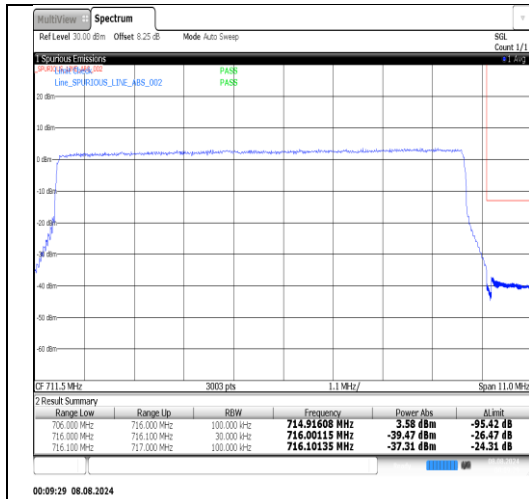
Band12-10MHz-QPSK-23060-1RB#49-PASS

Band12-10MHz-QPSK-23130-1RB#0-PASS



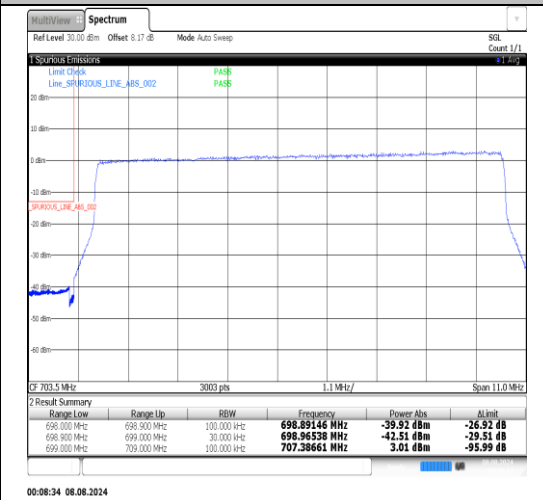
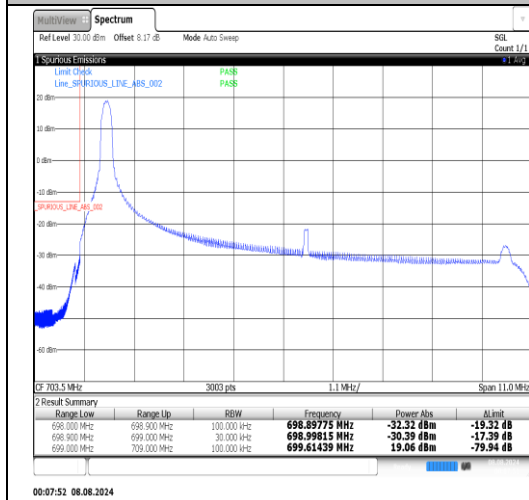
Band12-10MHz-QPSK-23130-50RB#0-PASS

Band12-10MHz-QPSK-23130-1RB#49-PASS



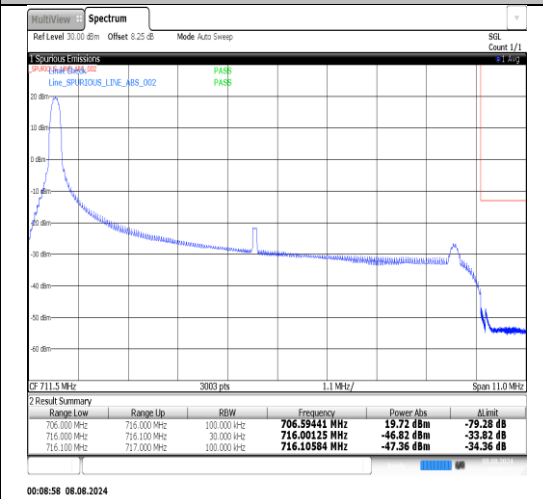
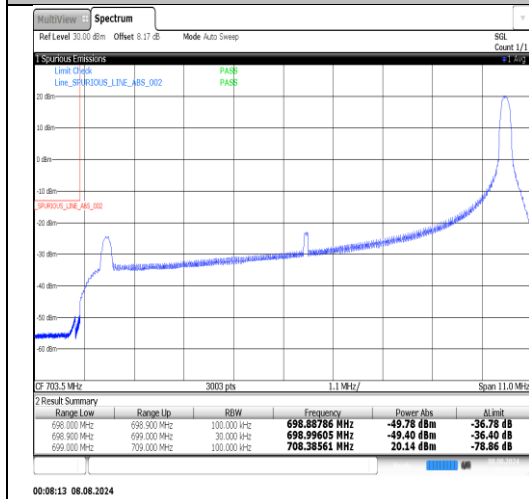
Band12-10MHz-16QAM-23060-1RB#0-PASS

Band12-10MHz-16QAM-23060-50RB#0-PASS



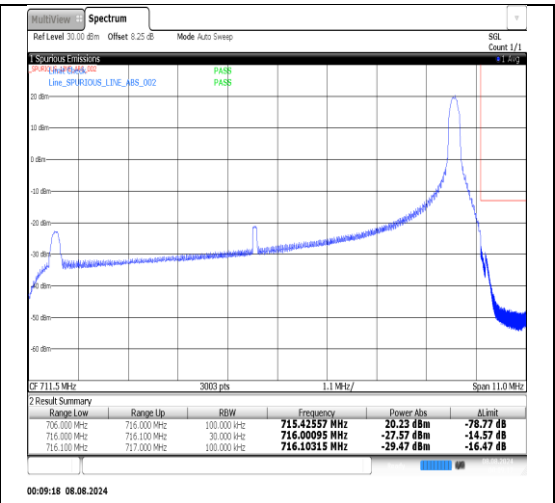
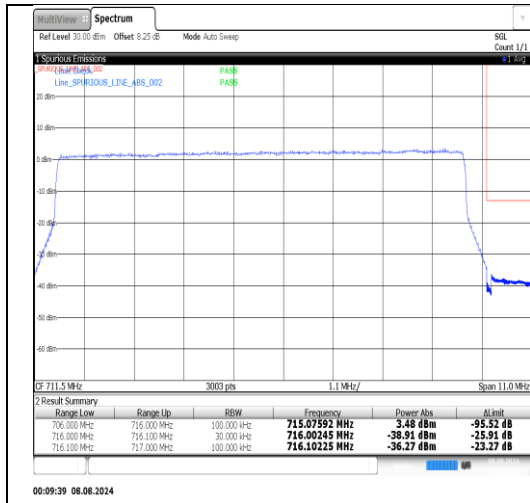
Band12-10MHz-16QAM-23060-1RB#49-PASS

Band12-10MHz-16QAM-23130-1RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS

Band12-10MHz-16QAM-23130-1RB#49-PASS



Appendix E: Conducted Spurious Emission

Test Result

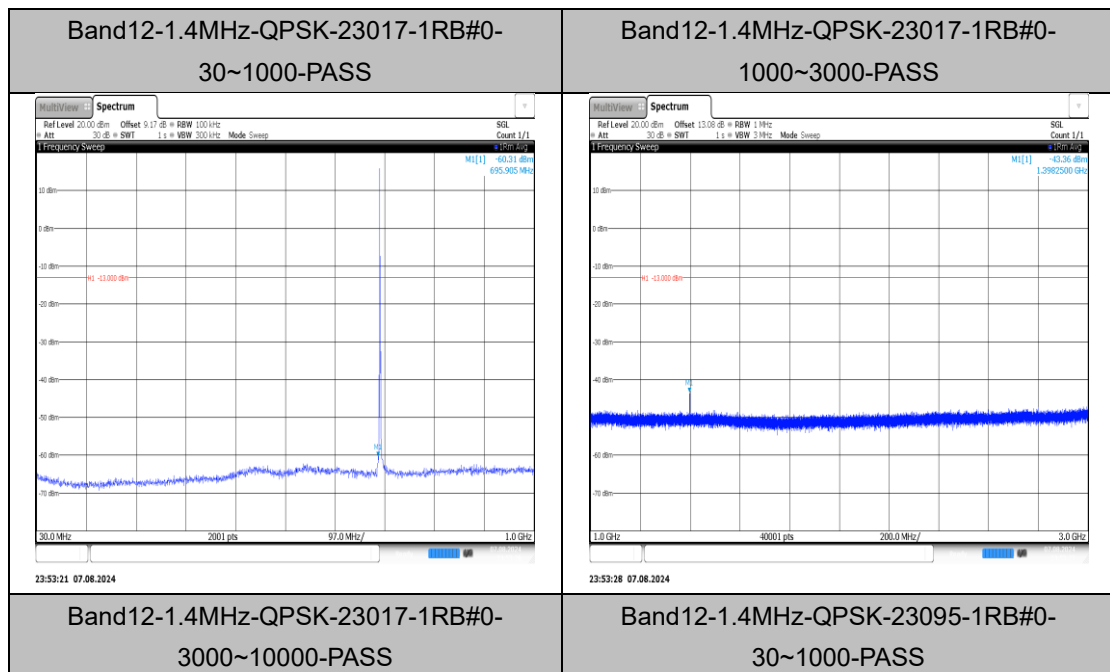
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	- 60.31	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	- 43.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	- 36.90	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	- 59.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	- 45.28	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	- 36.72	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	- 59.68	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	- 45.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	- 37.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	- 59.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	- 40.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	- 37.10	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	- 58.57	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	- 40.38	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	- 37.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	- 60.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	- 42.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	- 37.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-	PASS

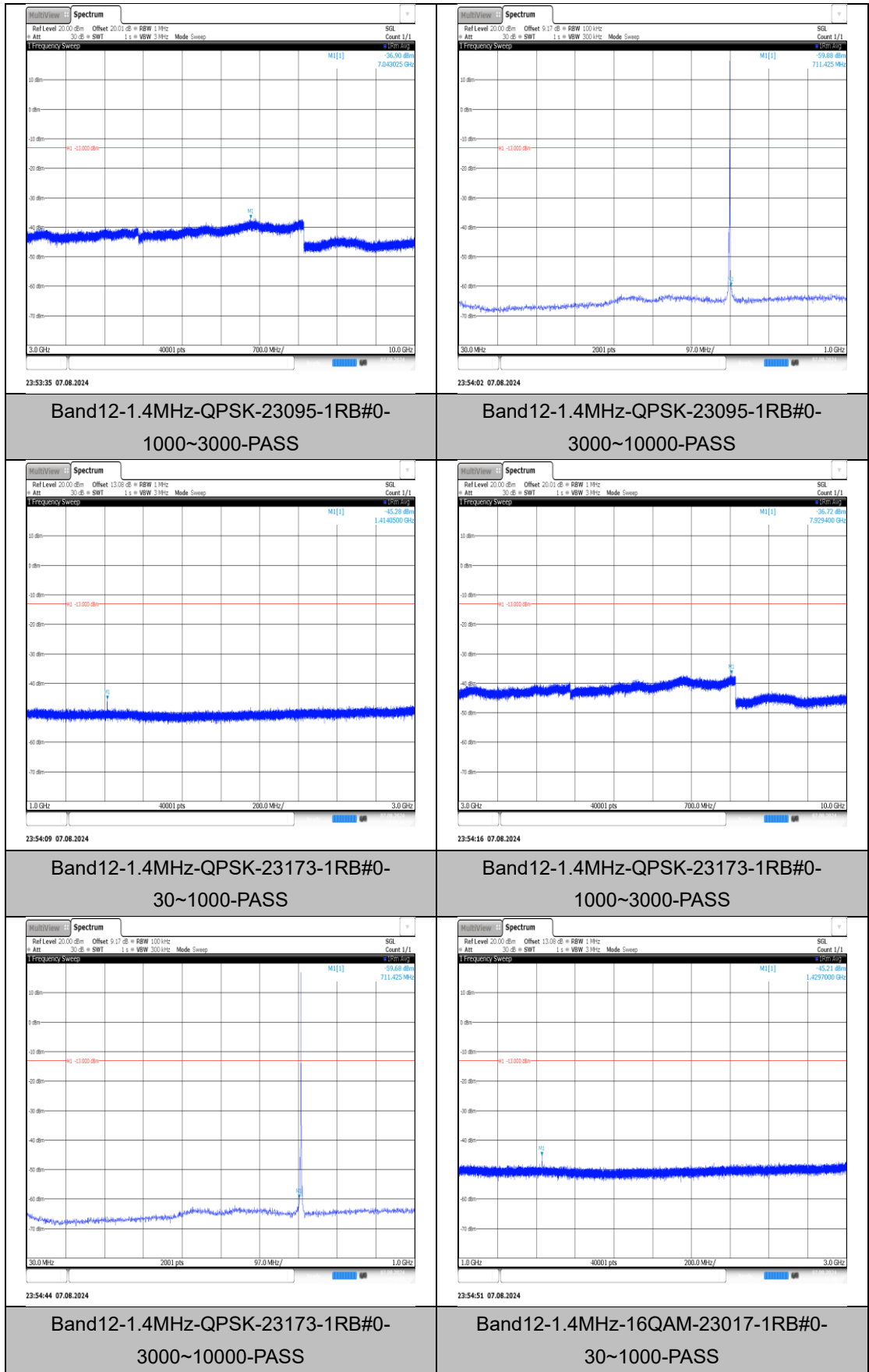
						60.04	
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	- 43.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	- 36.59	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	- 60.34	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	- 41.97	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	- 37.19	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	- 60.82	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	- 42.68	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	- 37.08	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	- 58.33	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	- 43.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	- 37.08	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	- 58.75	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	- 38.61	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	- 36.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	- 59.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	- 43.97	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	- 37.17	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	- 60.70	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	- 44.49	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	- 36.47	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	- 61.42	PASS

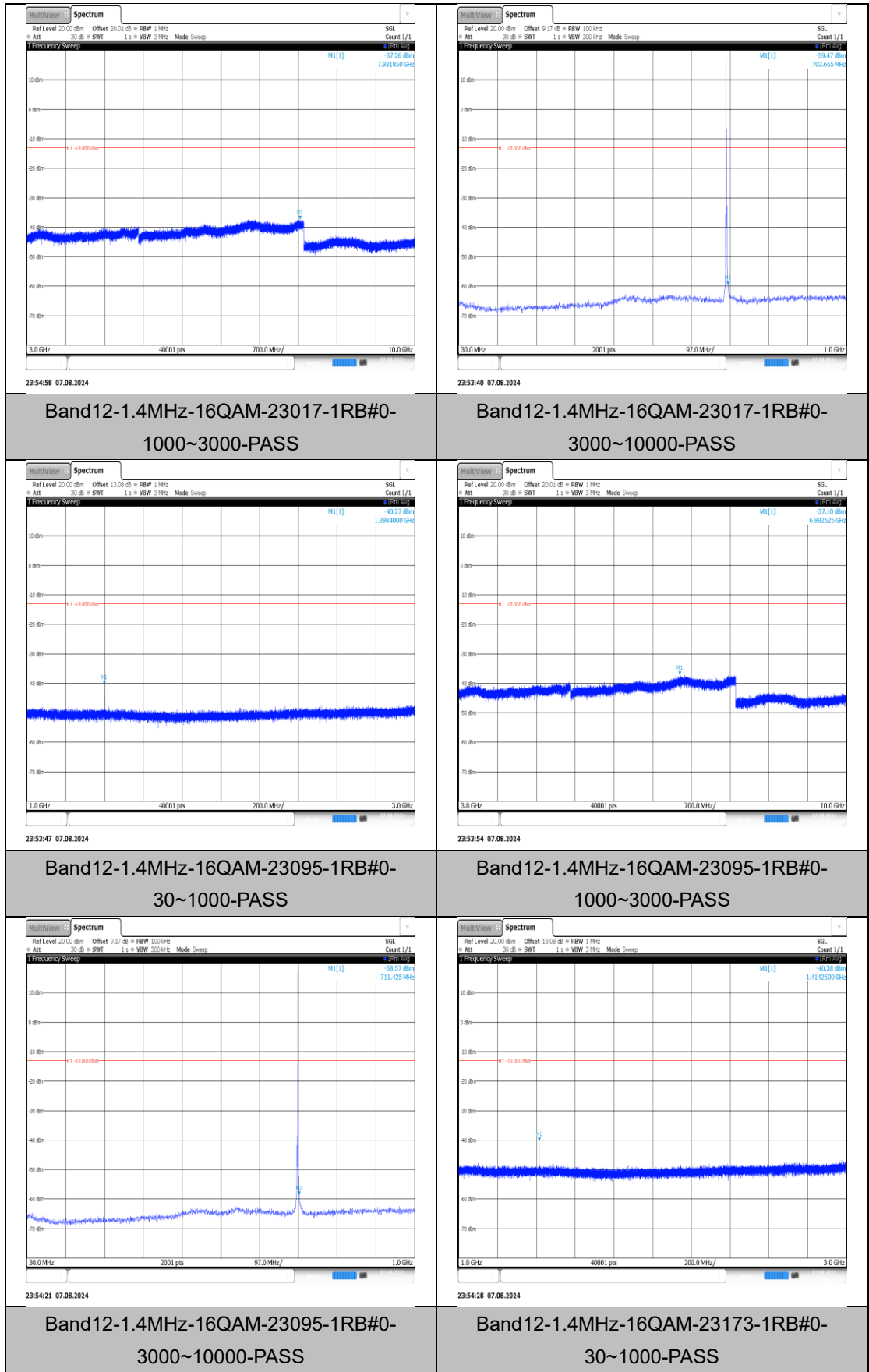
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	- 40.65	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	- 37.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	- 62.34	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	- 39.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	- 36.81	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	- 58.03	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	- 43.74	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	- 36.80	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	- 61.68	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	- 42.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	- 37.00	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	- 62.16	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	- 40.98	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	- 36.27	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	- 62.24	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	- 44.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	- 36.92	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	- 62.42	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	- 43.00	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	- 36.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	- 62.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	- 45.01	PASS

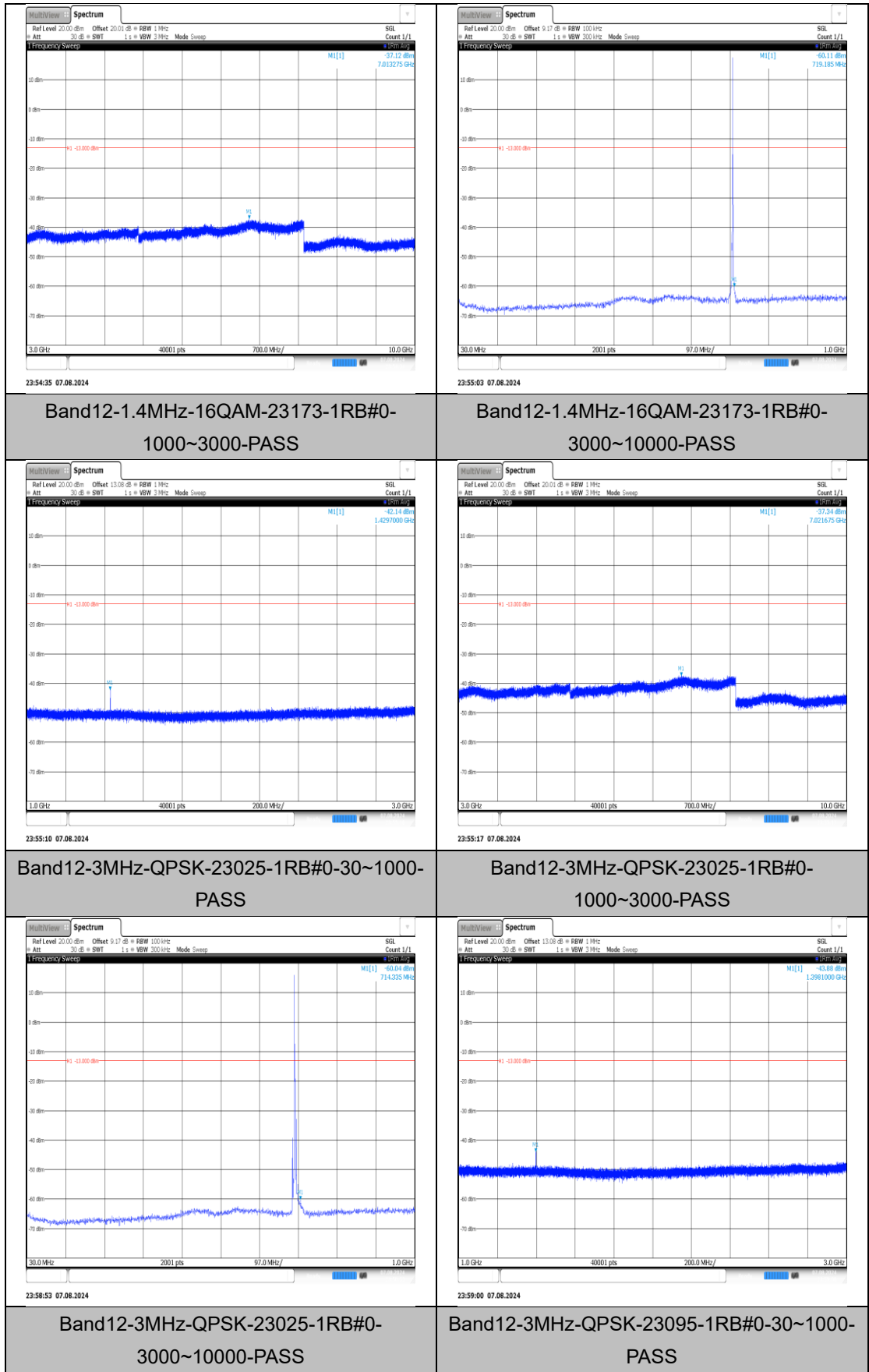
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	- 37.22	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	- 62.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	- 44.78	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	- 37.03	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	- 62.30	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	- 40.91	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	- 36.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	- 62.26	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	- 43.20	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	- 37.18	PASS

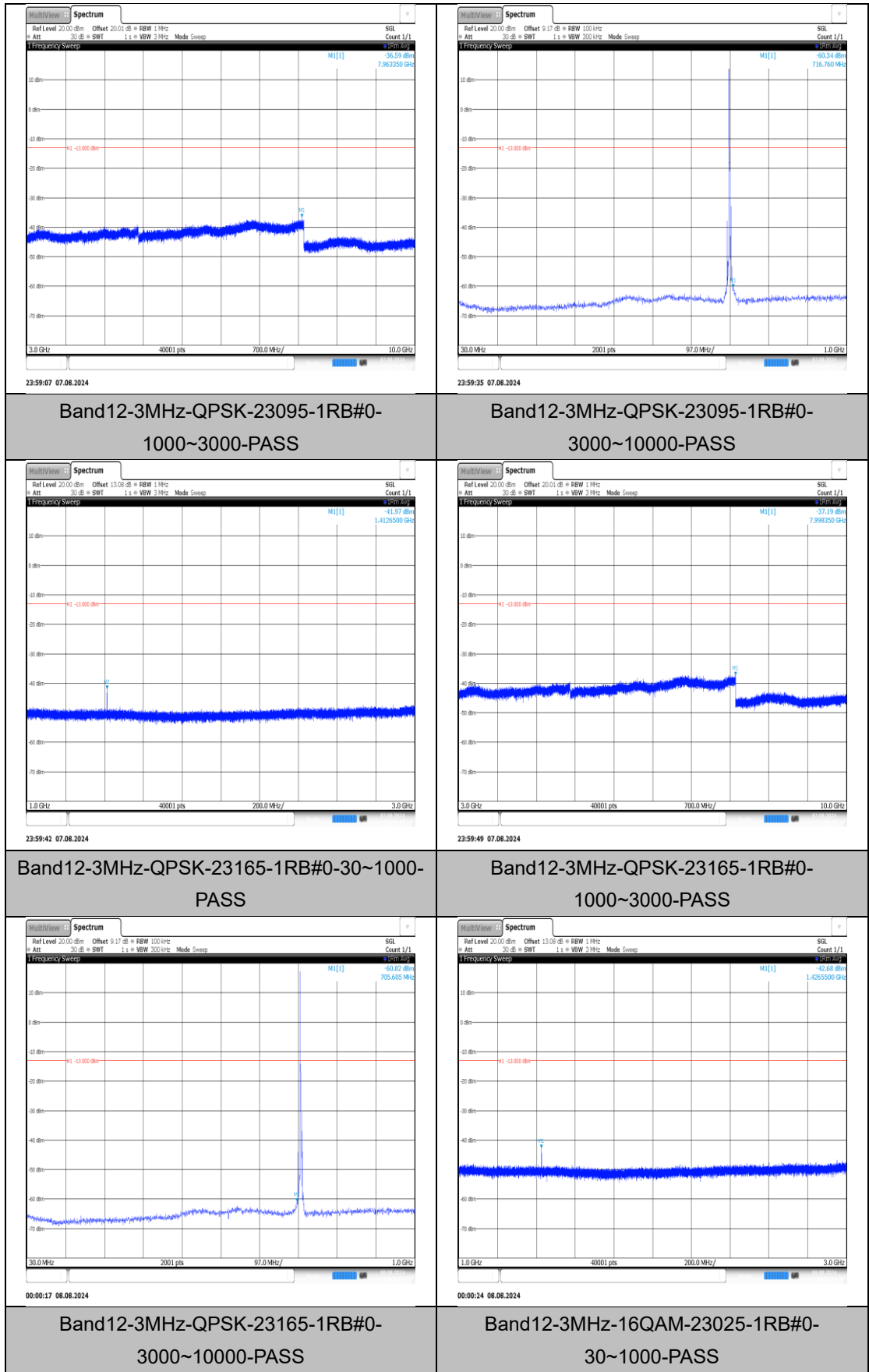
Test Graphs

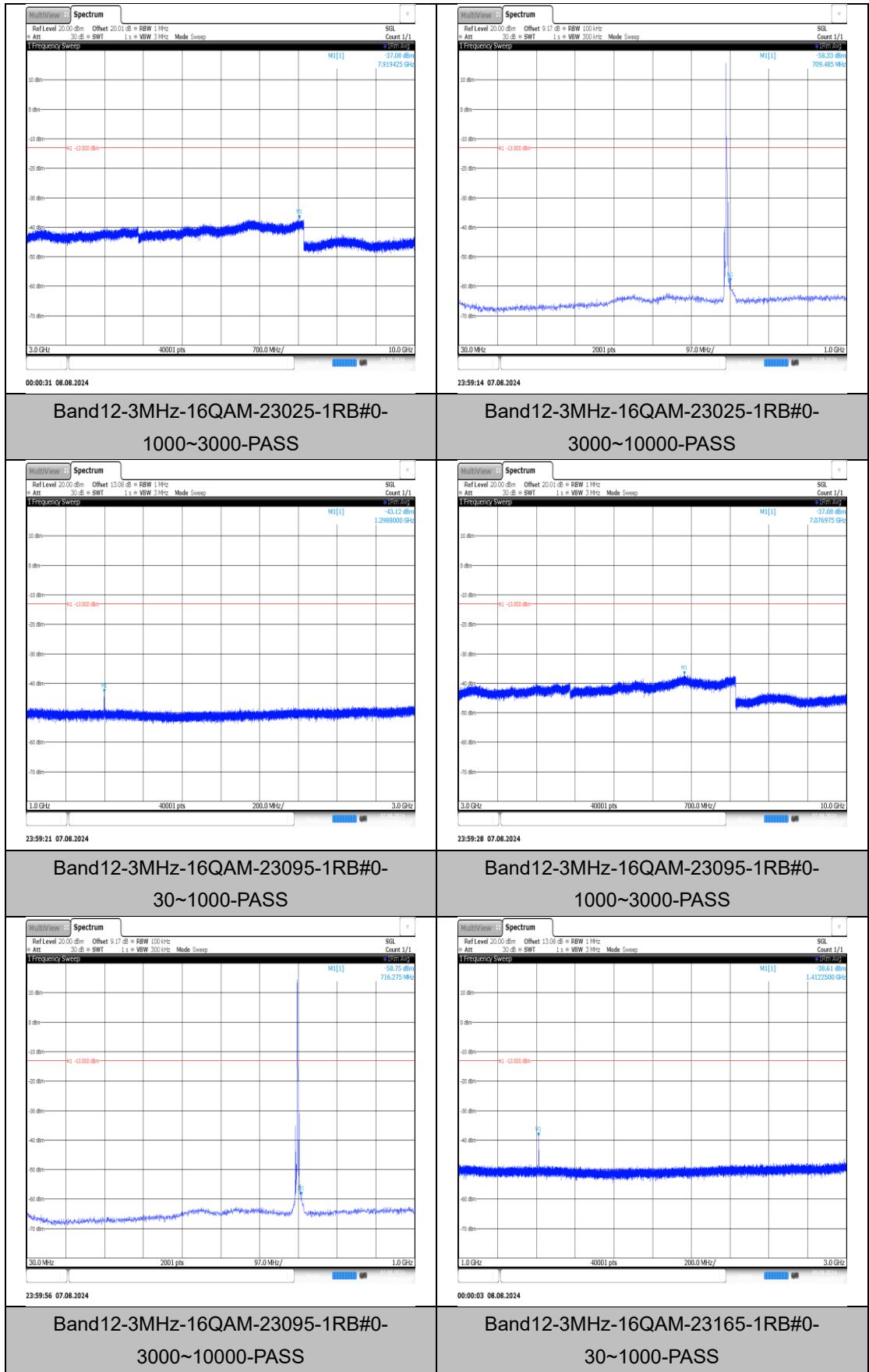


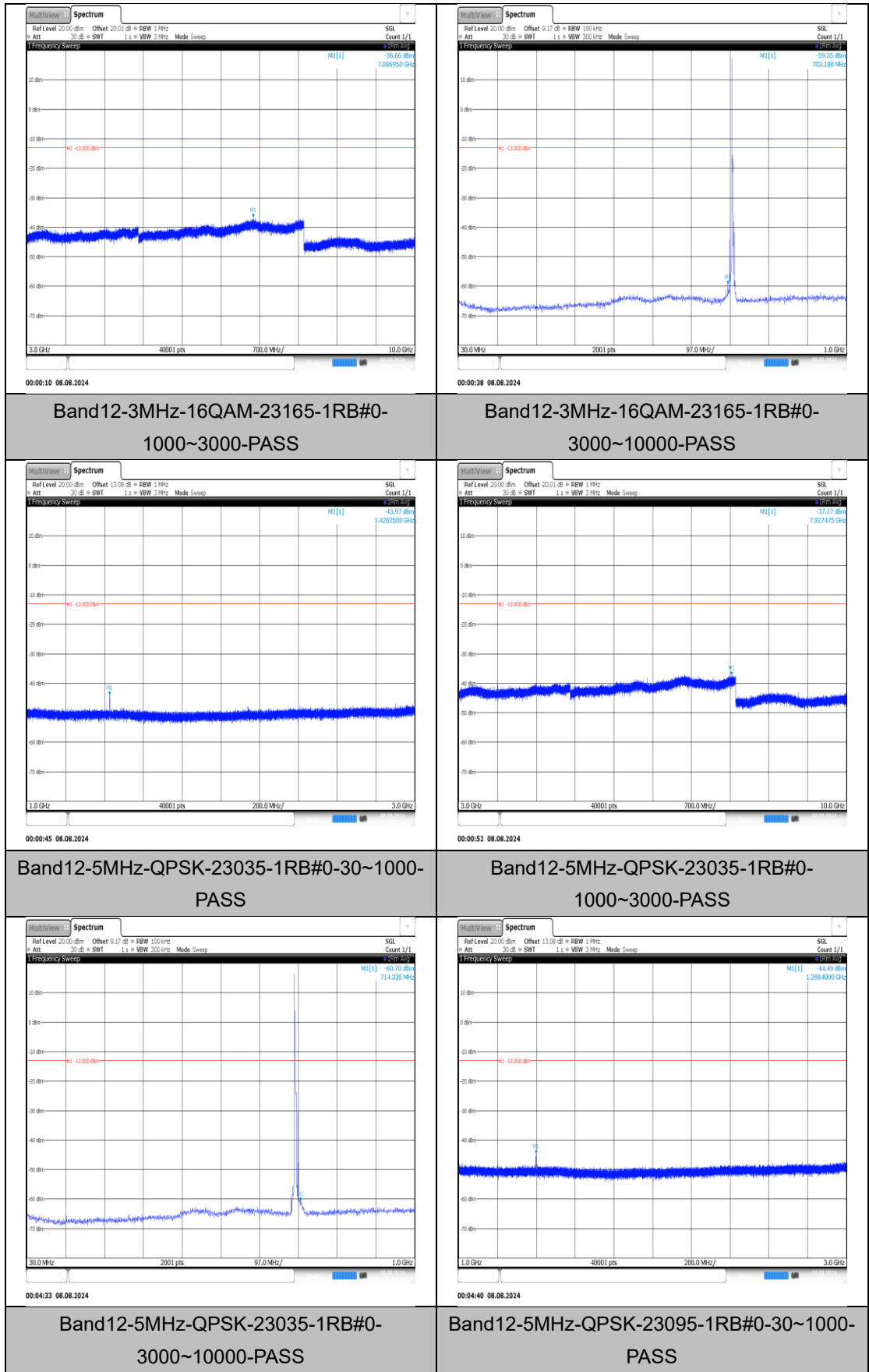


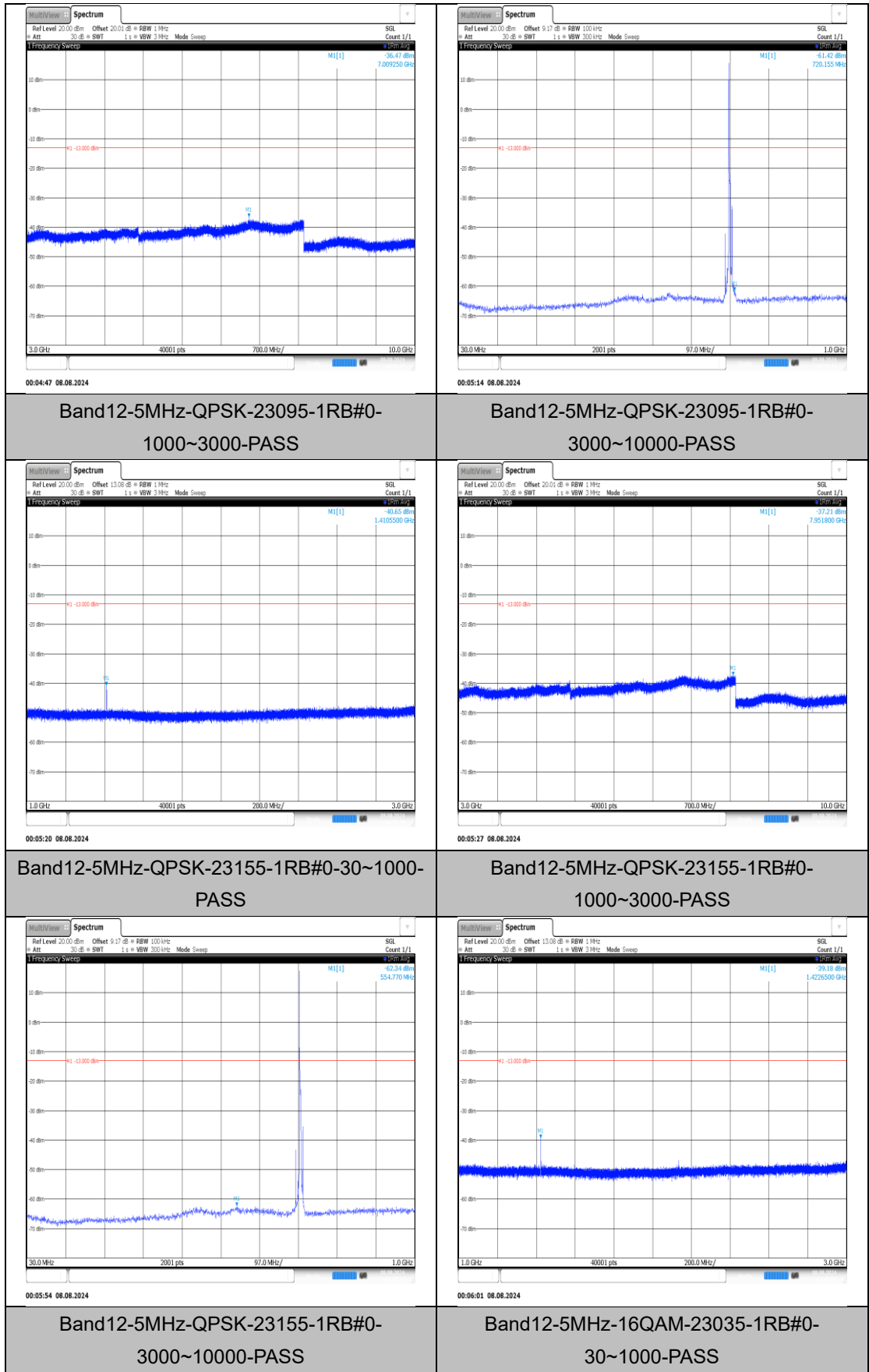


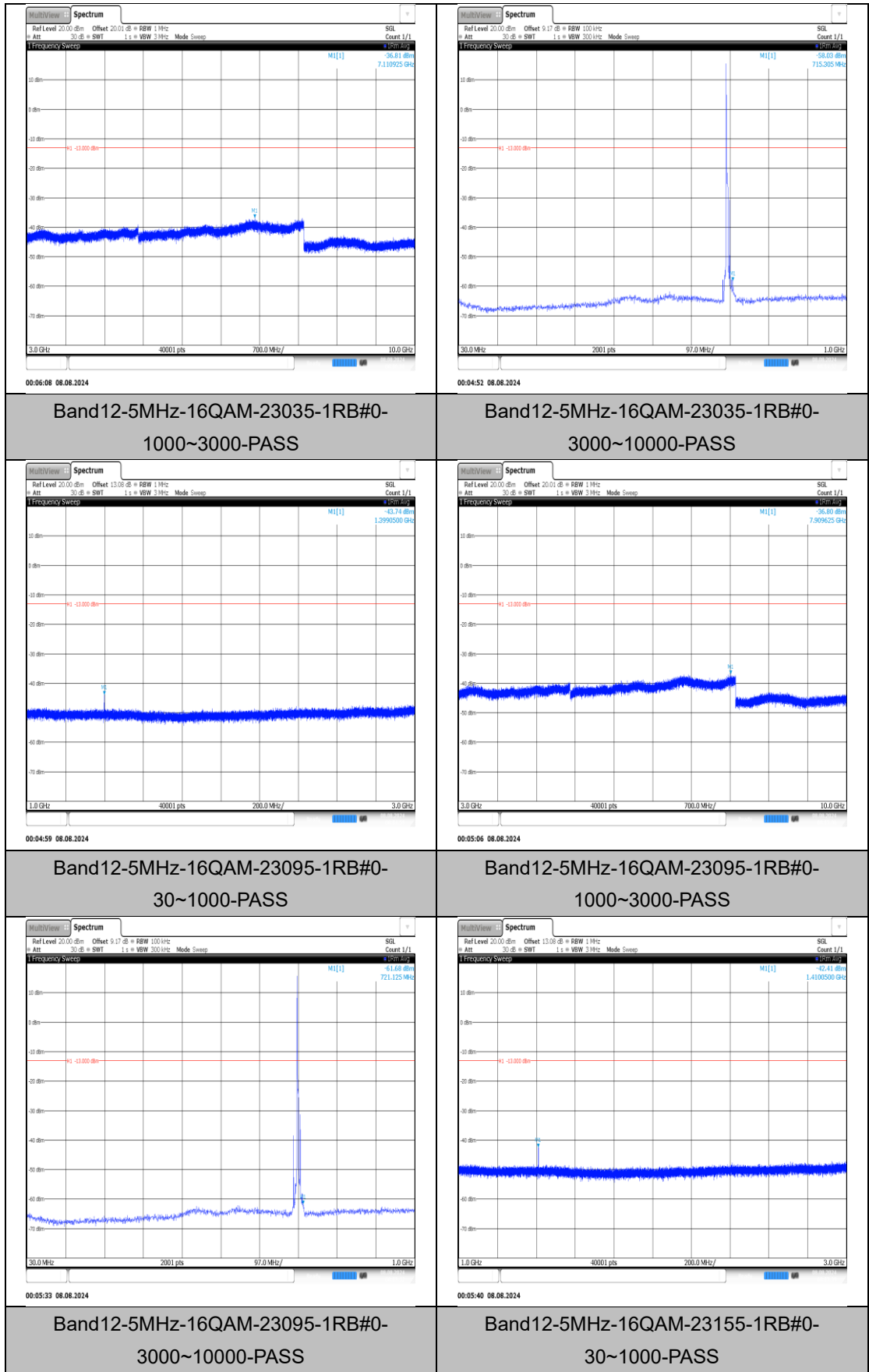


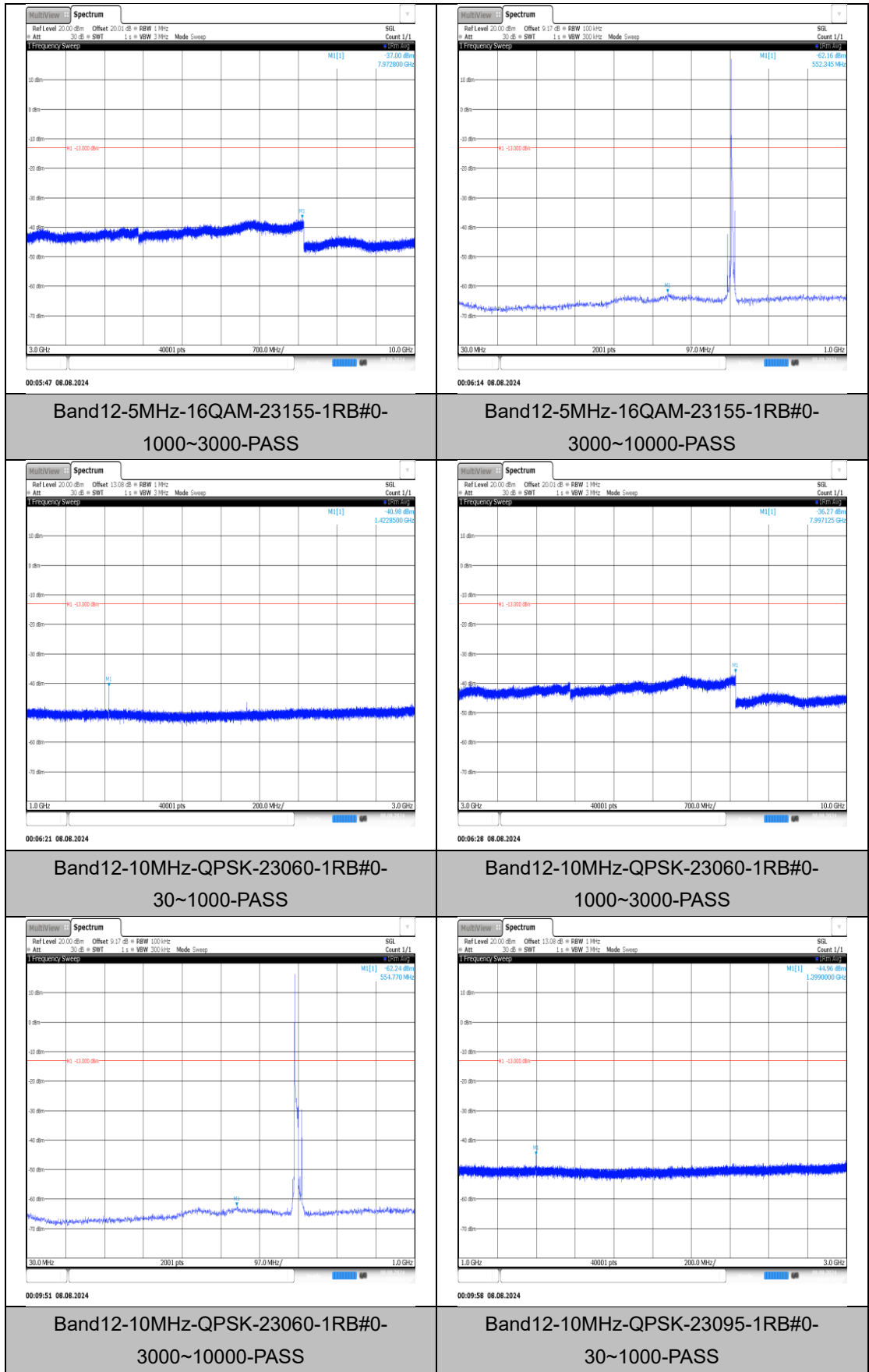


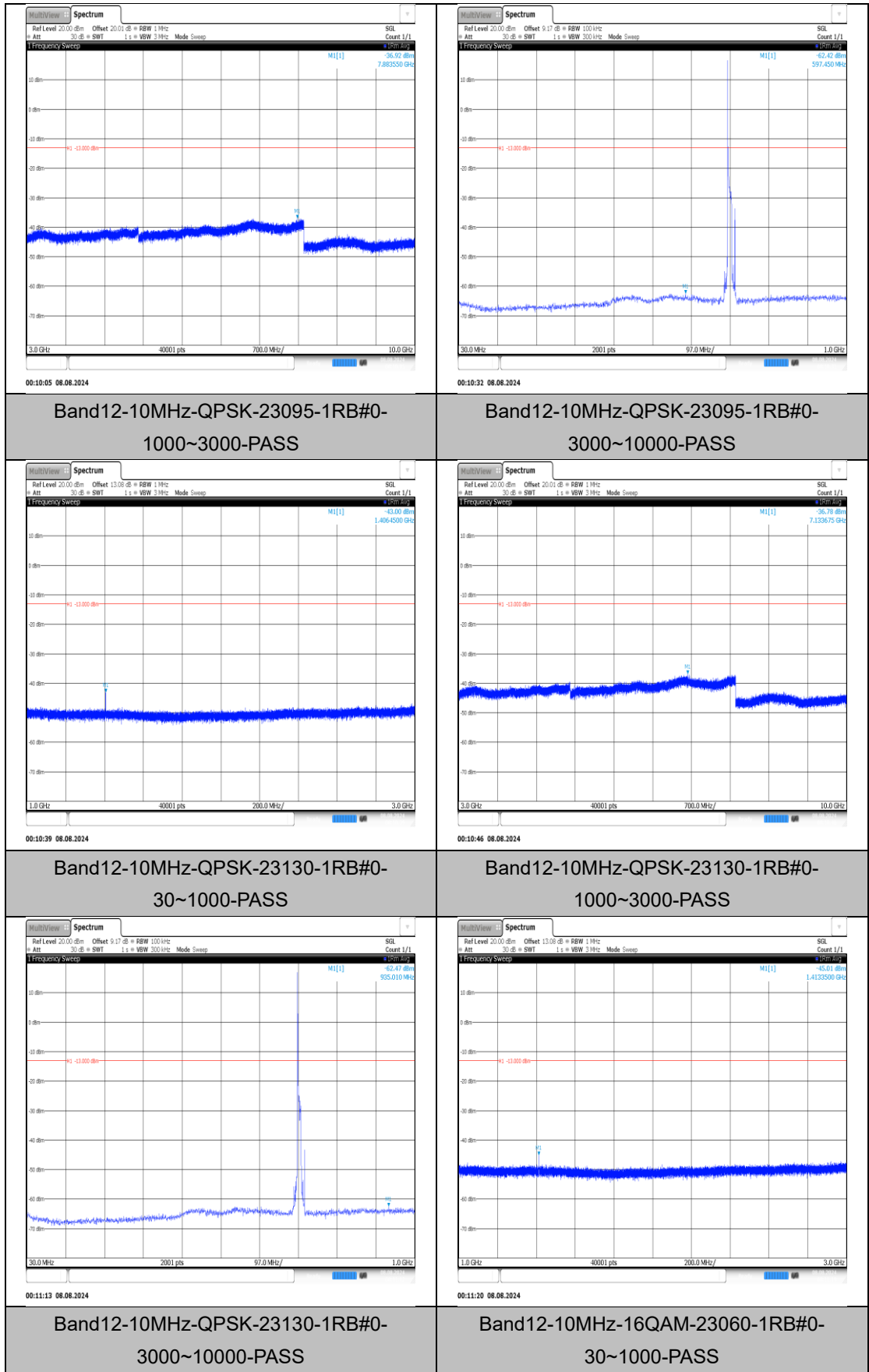


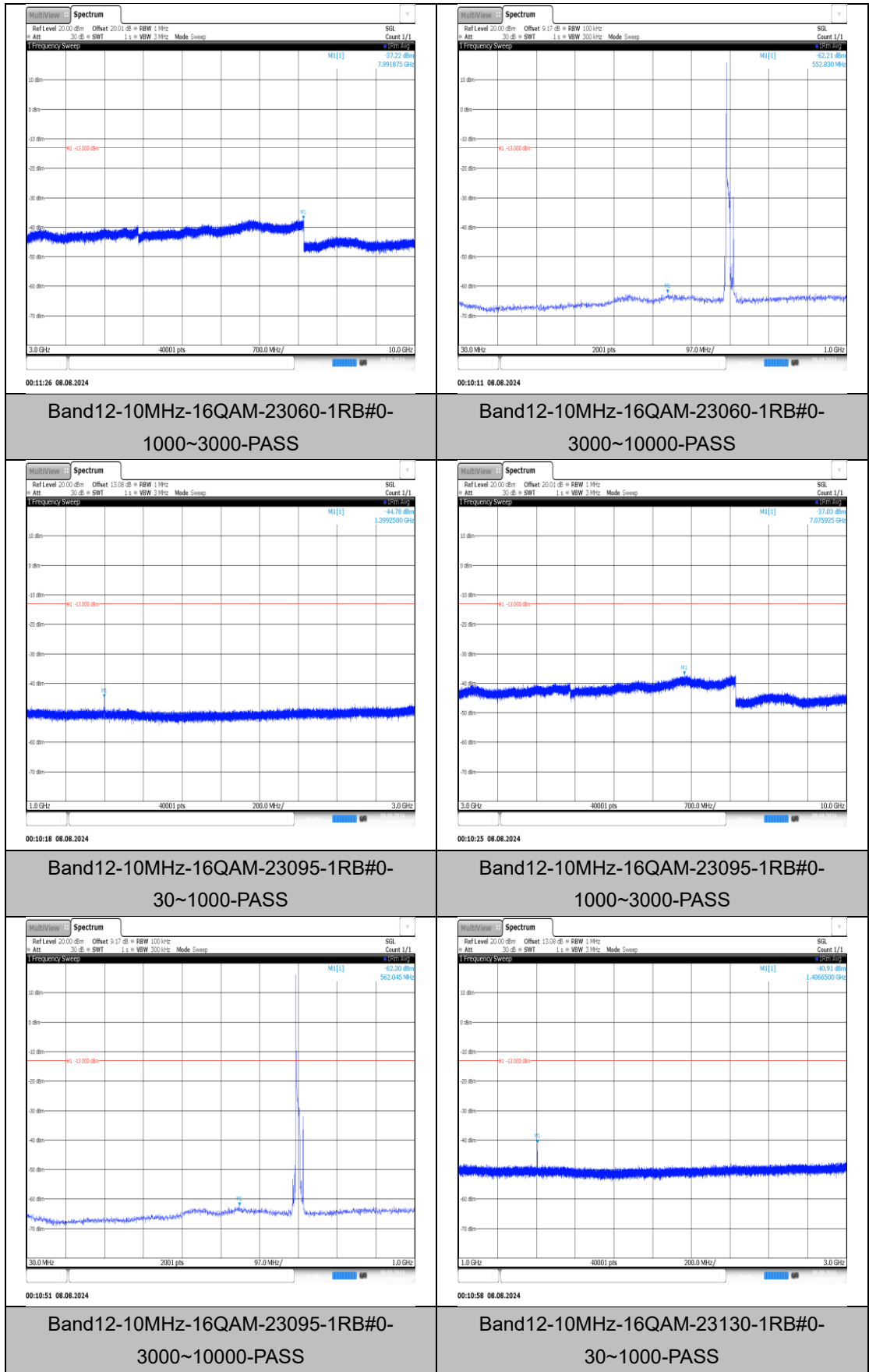


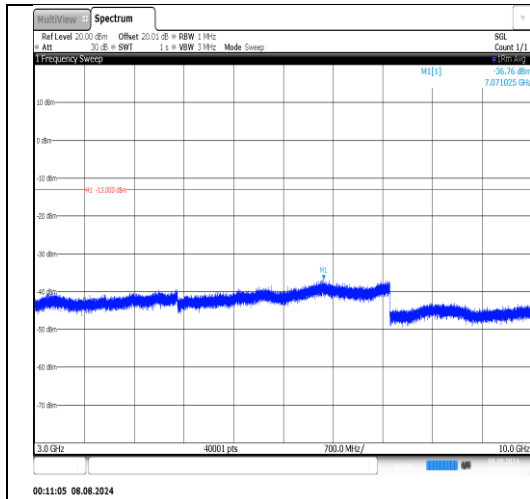




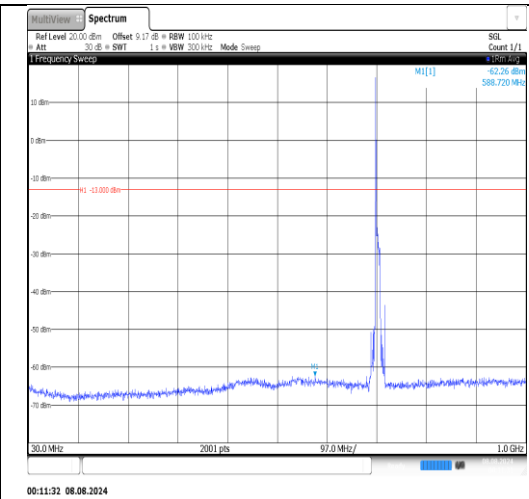




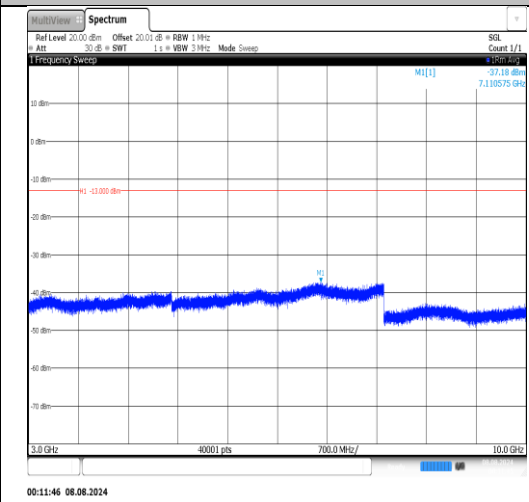
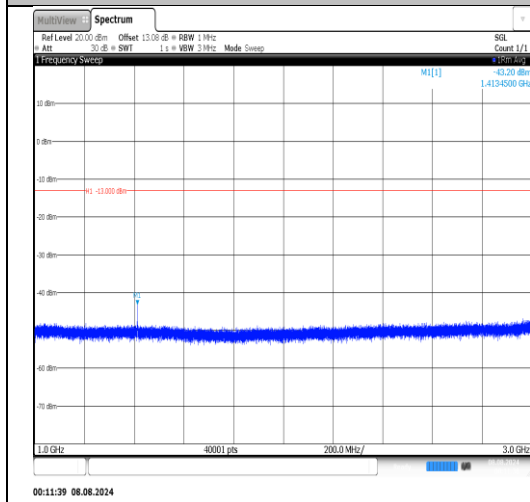




Band12-10MHz-16QAM-23130-1RB#0-
1000~3000-PASS



Band12-10MHz-16QAM-23130-1RB#0-
3000~10000-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
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	36.48	0.051562	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	35.25	0.049823	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	25.88	0.036580	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	41.27	0.058332	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	41.23	0.058276	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	34.56	0.048848	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	32.39	0.045781	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	33.97	0.048014	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	27.09	0.038290	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	14.66	0.020721	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	19.33	0.027322	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	22.43	0.031703	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	16.77	0.023703	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	3.91	0.005527	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-12.07	-0.017060	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-23.15	-0.032721	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-30.37	-0.042926	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-38.28	-0.054106	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-45.89	-0.064862	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	6.64	0.009385	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-6.41	-0.009060	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	26.44	0.037371	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	16.97	0.023986	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	11.47	0.016212	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	3.71	0.005244	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-9.90	-0.013993	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-12.77	-0.018049	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-15.98	-0.022587	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-19.86	-0.028071	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-27.19	-0.038431	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	NV	-30	19.93	0.028170	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	12.69	0.017936	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	4.88	0.006898	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-6.11	-0.008636	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-8.14	-0.011505	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-14.15	-0.020000	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-17.35	-0.024523	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-19.30	-0.027279	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-23.89	-0.033767	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	24.05	0.033993	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	20.41	0.028848	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	16.35	0.023110	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	17.87	0.025258	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	19.35	0.027350	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	16.78	0.023717	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	15.09	0.021329	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	19.05	0.026926	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	21.70	0.030671	±2.5	PASS