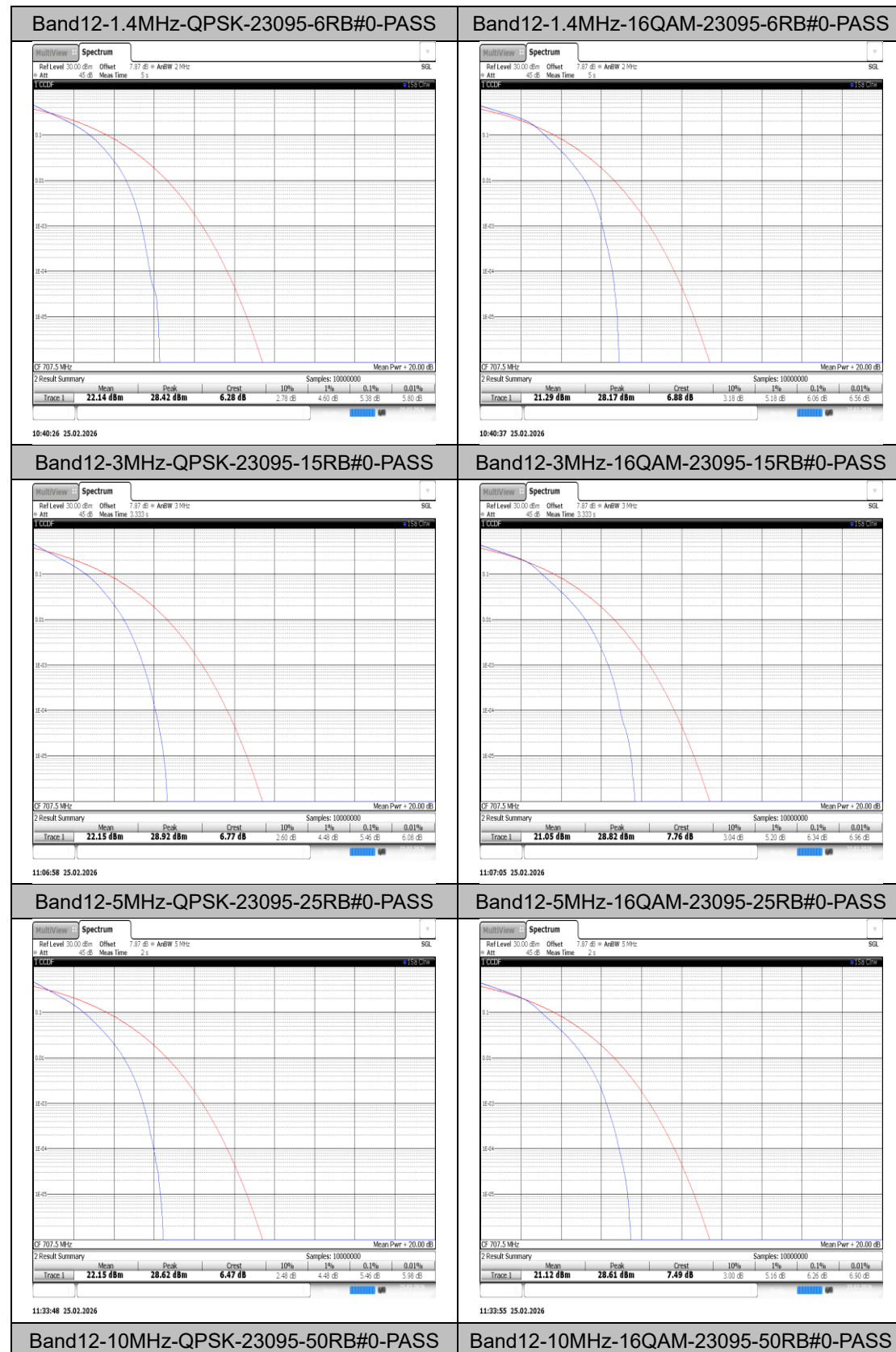


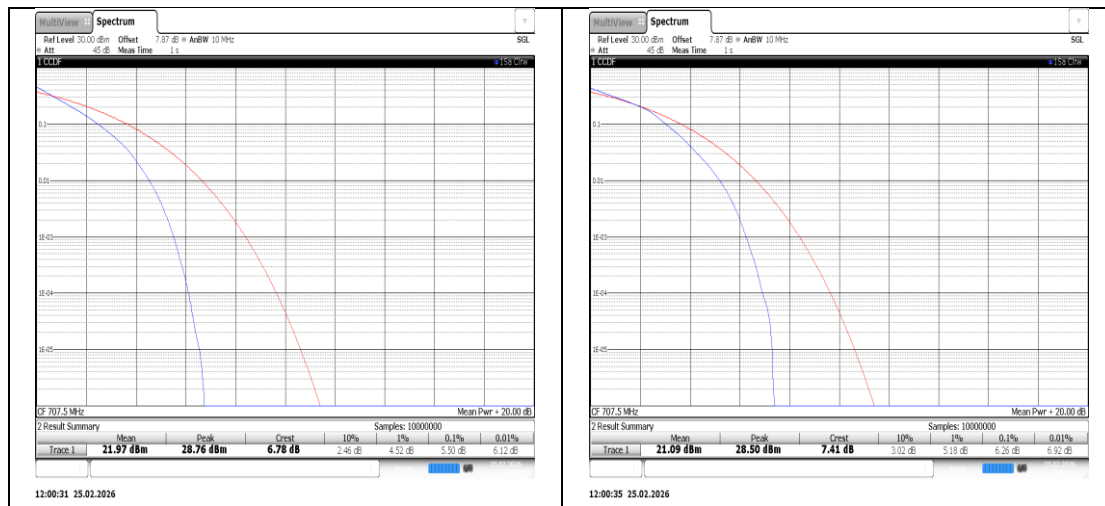
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.06	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.46	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.34	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.46	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.26	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.50	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.26	13	PASS

Test Graphs



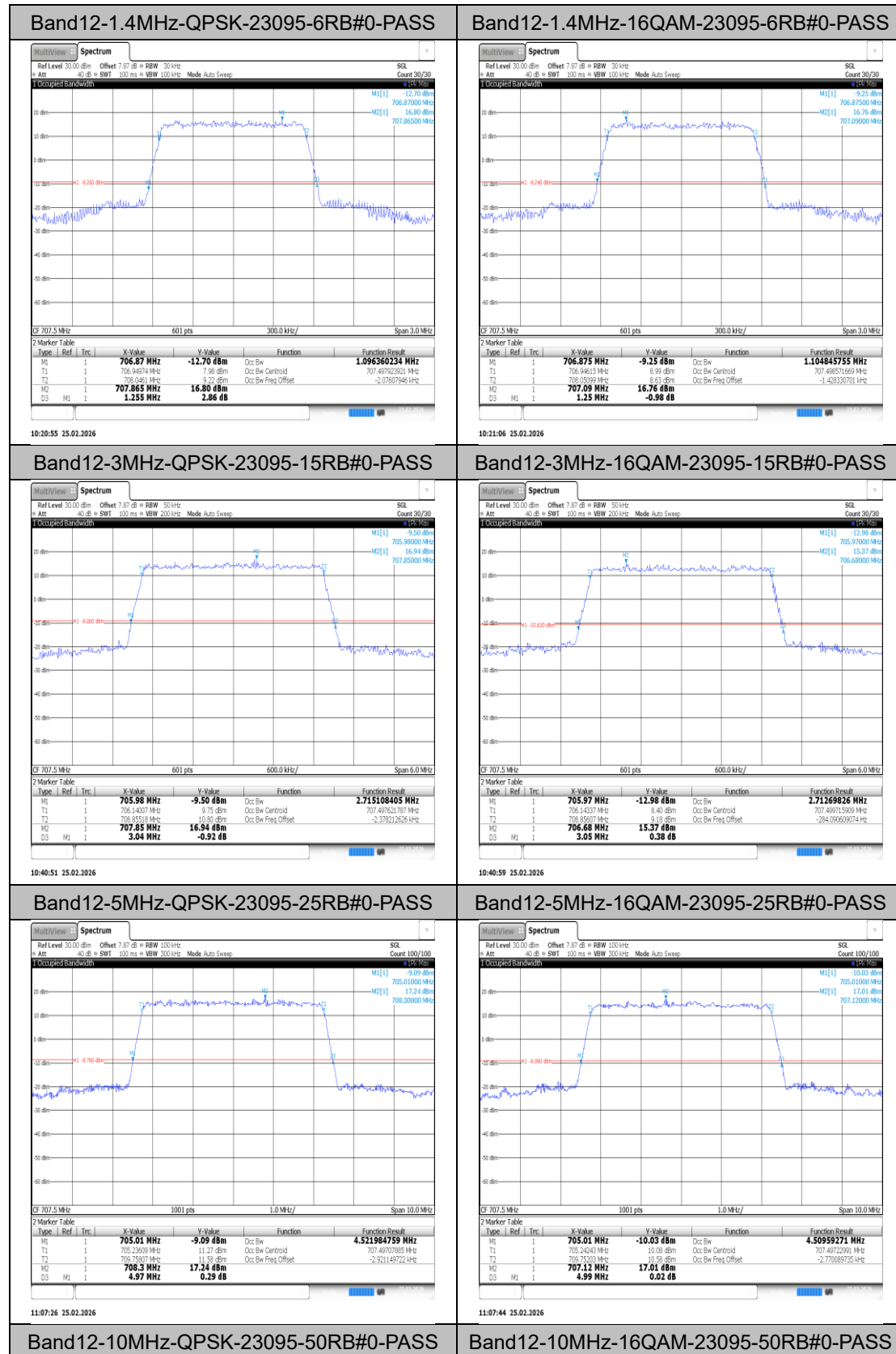


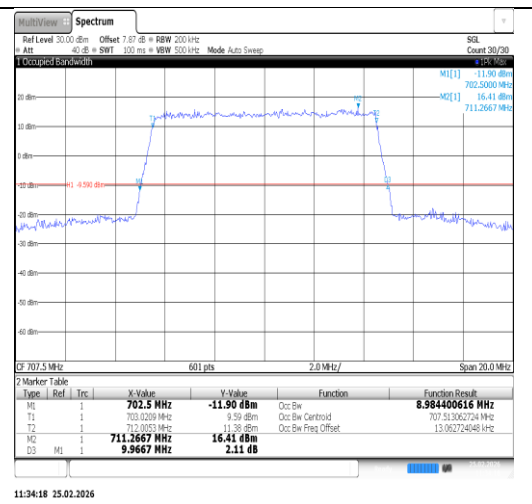
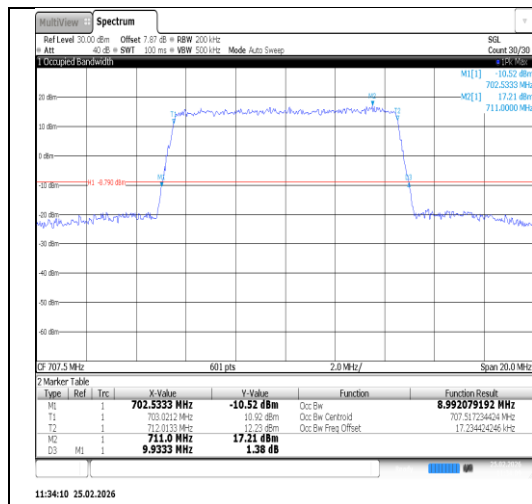
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.096	1.26	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.105	1.25	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.715	3.04	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.713	3.05	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.522	4.97	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.51	4.99	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.992	9.93	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.984	9.97	PASS

Test Graphs





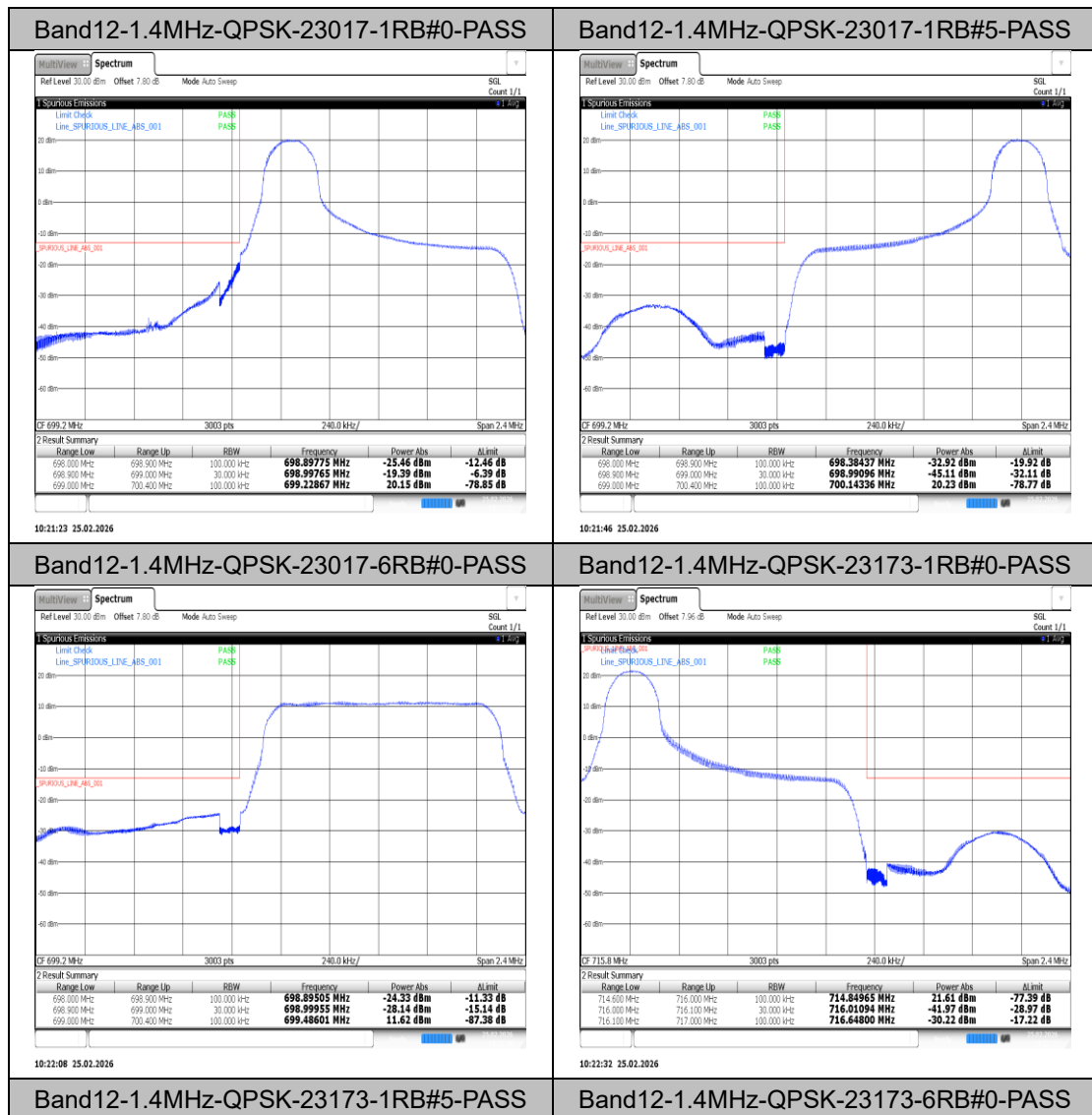
Appendix C: Band Edge

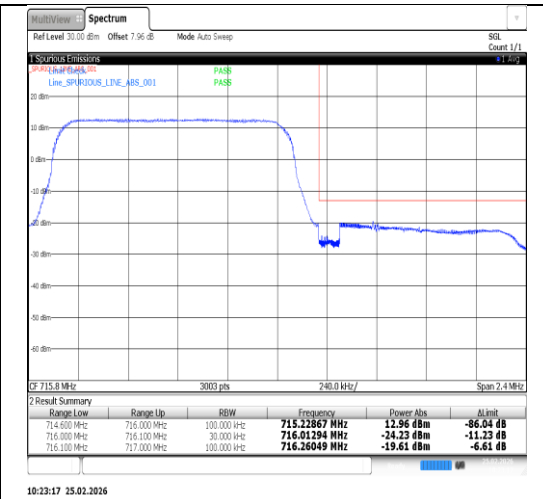
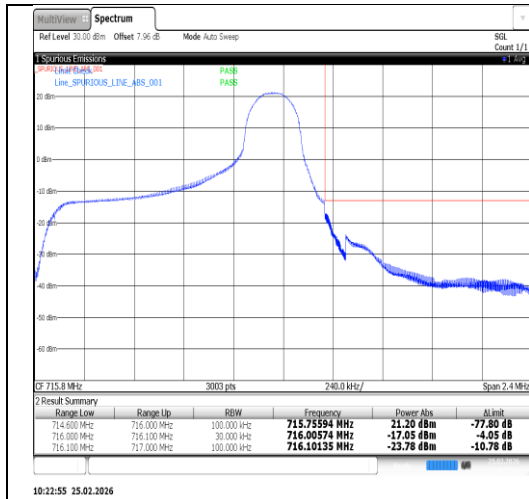
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-19.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-32.92	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-24.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-30.22	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-17.05	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-19.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-25.54	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-34.40	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-24.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-30.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-19.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-17.37	PASS
Band12	3MHz	QPSK	23025	1RB#0	-14.69	PASS
Band12	3MHz	QPSK	23025	1RB#14	-29.37	PASS
Band12	3MHz	QPSK	23025	15RB#0	-25.30	PASS
Band12	3MHz	QPSK	23165	1RB#0	-28.16	PASS
Band12	3MHz	QPSK	23165	1RB#14	-13.32	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.98	PASS
Band12	3MHz	16QAM	23025	1RB#0	-16.91	PASS
Band12	3MHz	16QAM	23025	1RB#14	-29.46	PASS
Band12	3MHz	16QAM	23025	15RB#0	-26.44	PASS
Band12	3MHz	16QAM	23165	1RB#0	-29.65	PASS
Band12	3MHz	16QAM	23165	1RB#14	-15.12	PASS
Band12	3MHz	16QAM	23165	15RB#0	-25.10	PASS
Band12	5MHz	QPSK	23035	1RB#0	-23.36	PASS
Band12	5MHz	QPSK	23035	1RB#24	-41.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	-29.85	PASS
Band12	5MHz	QPSK	23155	1RB#0	-40.84	PASS
Band12	5MHz	QPSK	23155	1RB#24	-21.23	PASS
Band12	5MHz	QPSK	23155	25RB#0	-30.38	PASS
Band12	5MHz	16QAM	23035	1RB#0	-25.32	PASS
Band12	5MHz	16QAM	23035	1RB#24	-42.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	-30.17	PASS
Band12	5MHz	16QAM	23155	1RB#0	-42.00	PASS
Band12	5MHz	16QAM	23155	1RB#24	-23.18	PASS
Band12	5MHz	16QAM	23155	25RB#0	-30.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	-29.66	PASS

Band12	10MHz	QPSK	23060	1RB#49	-47.47	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.40	PASS
Band12	10MHz	QPSK	23130	1RB#0	-47.35	PASS
Band12	10MHz	QPSK	23130	1RB#49	-27.32	PASS
Band12	10MHz	QPSK	23130	50RB#0	-33.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	-30.43	PASS
Band12	10MHz	16QAM	23060	1RB#49	-47.94	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.29	PASS
Band12	10MHz	16QAM	23130	1RB#0	-47.17	PASS
Band12	10MHz	16QAM	23130	1RB#49	-27.92	PASS
Band12	10MHz	16QAM	23130	50RB#0	-33.40	PASS

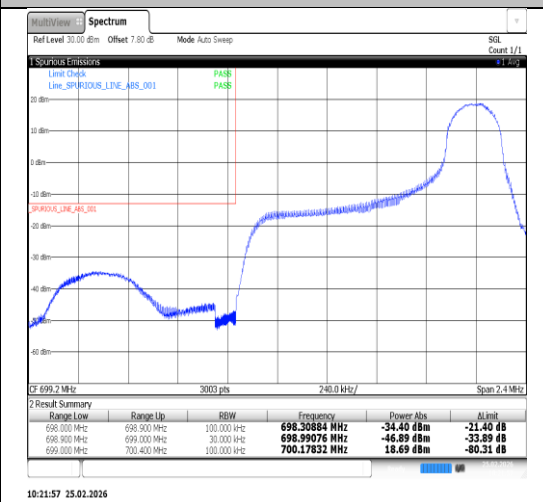
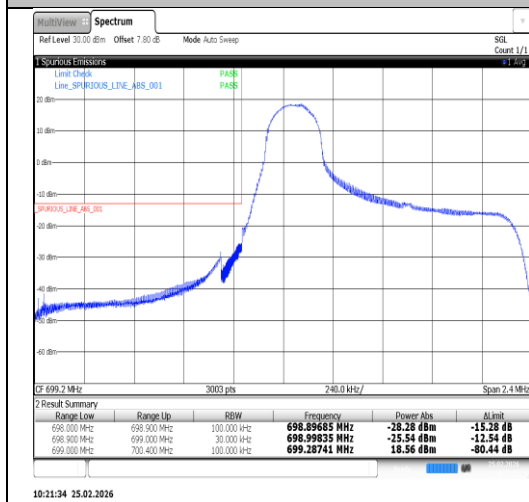
Test Graphs





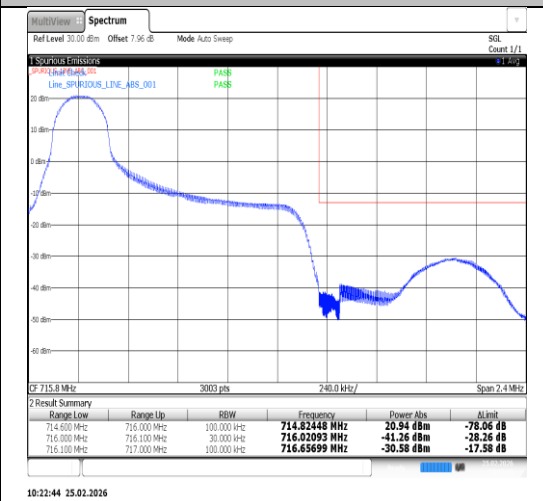
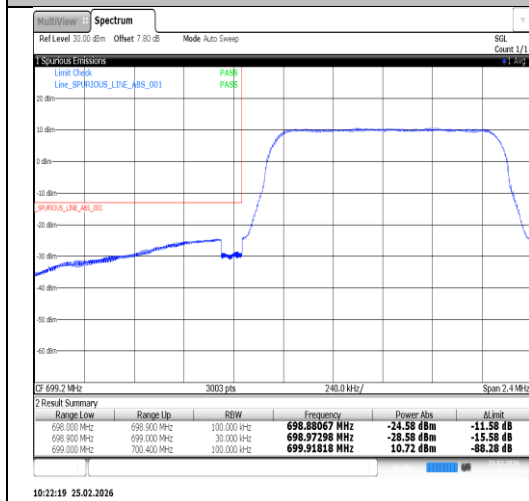
Band12-1.4MHz-16QAM-23017-1RB#0-PASS

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



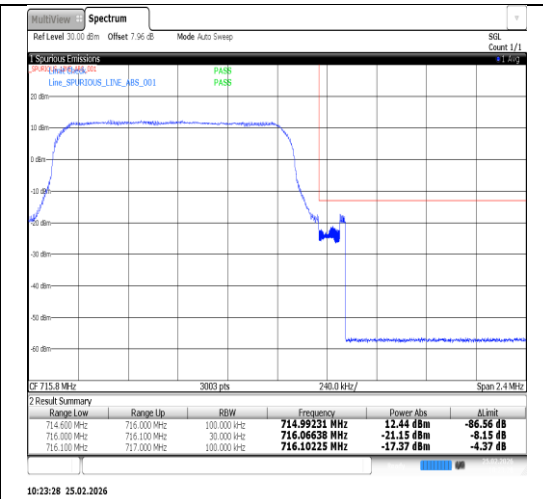
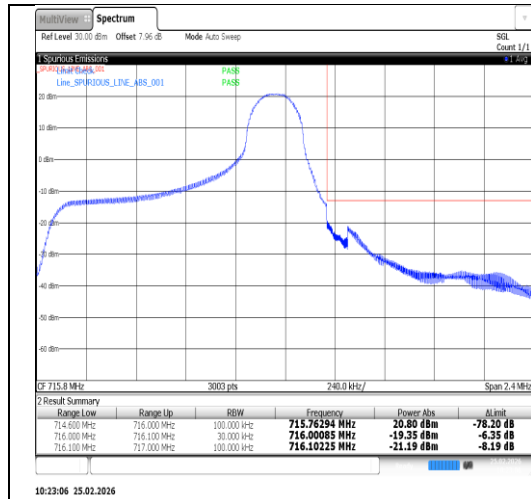
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Band12-1.4MHz-16QAM-23173-1RB#0-PASS

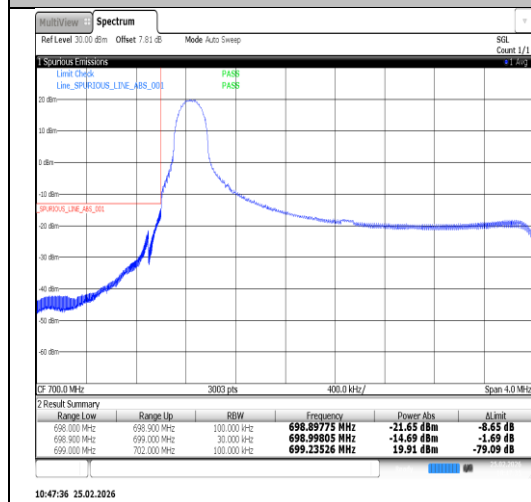


Band12-1.4MHz-16QAM-23173-1RB#5-PASS

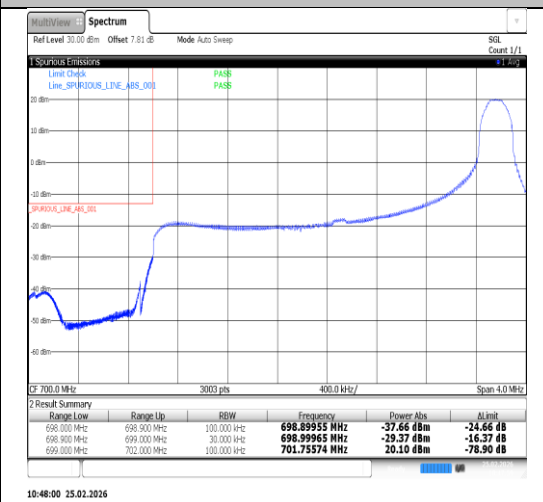
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



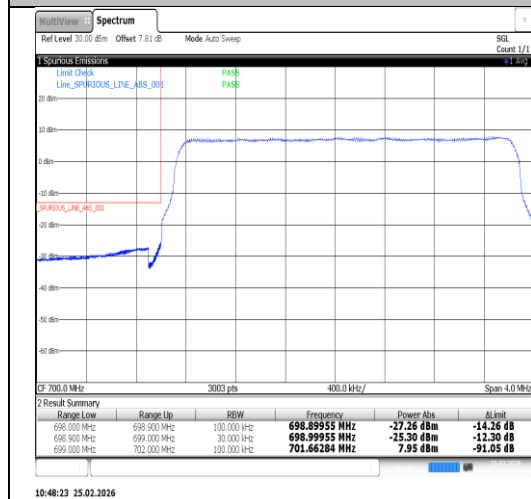
Band12-3MHz-QPSK-23025-1RB#0-PASS



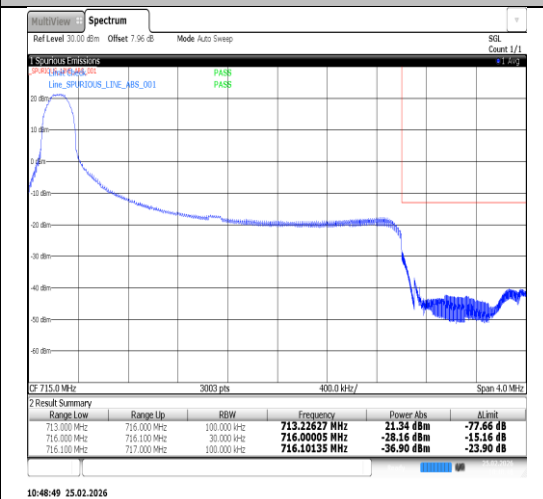
Band12-3MHz-QPSK-23025-1RB#14-PASS



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

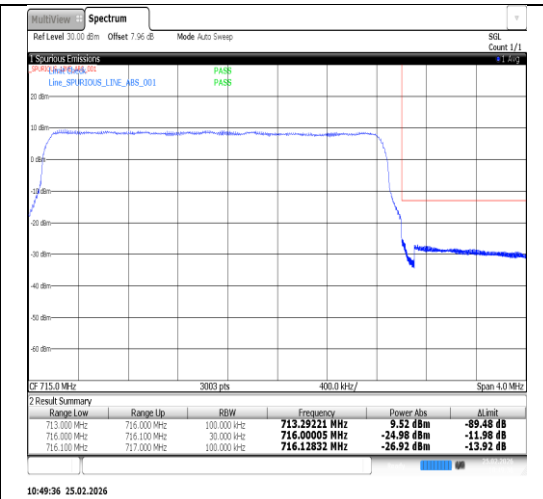
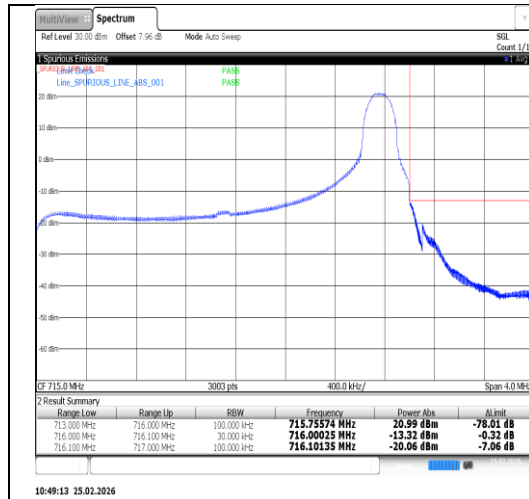


Band12-3MHz-QPSK-23165-1RB#0-PASS

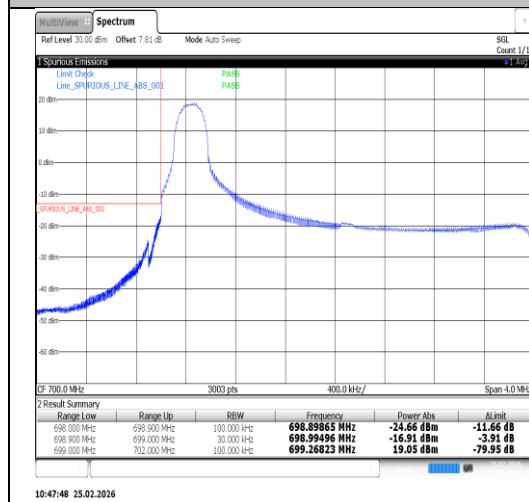


Band12-3MHz-QPSK-23165-1RB#14-PASS

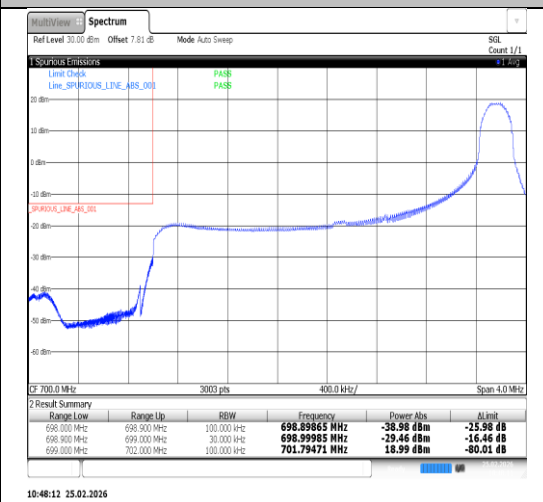
Band12-3MHz-QPSK-23165-15RB#0-PASS



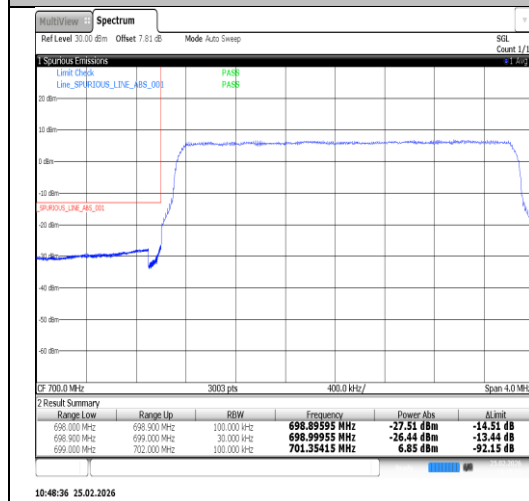
Band12-3MHz-16QAM-23025-1RB#0-PASS



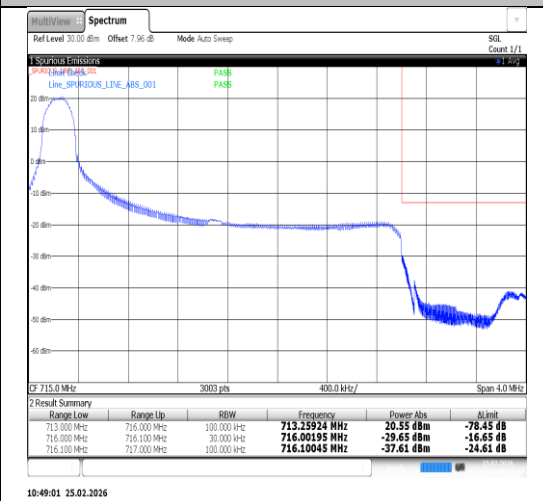
Band12-3MHz-16QAM-23025-1RB#14-PASS



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

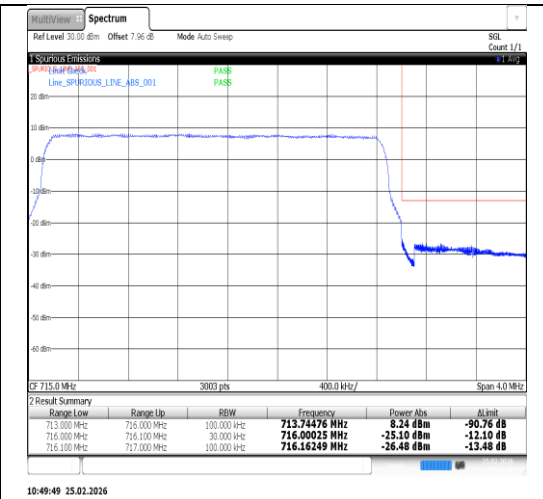
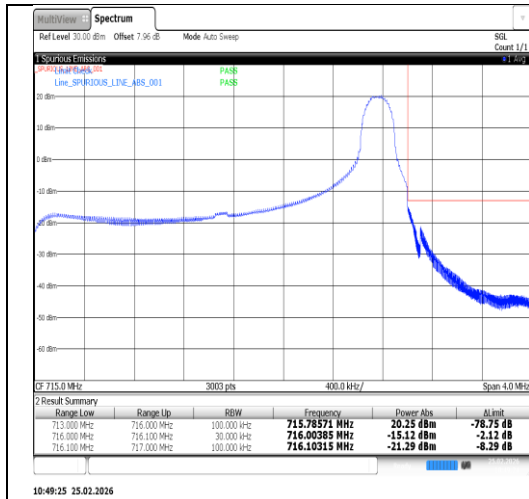


Band12-3MHz-16QAM-23165-1RB#0-PASS

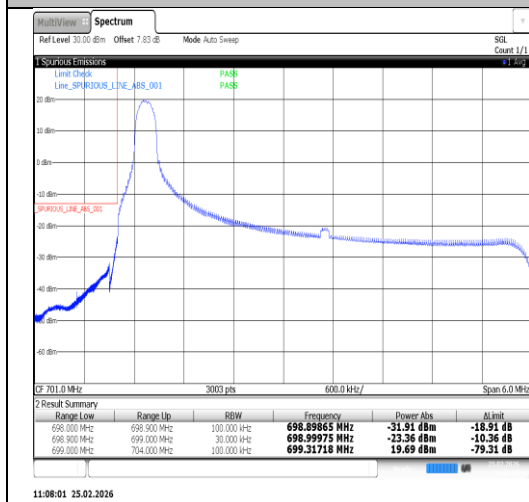


Band12-3MHz-16QAM-23165-1RB#14-PASS

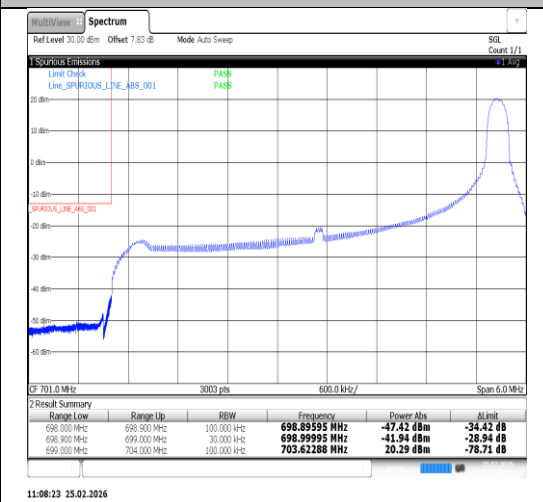
Band12-3MHz-16QAM-23165-15RB#0-PASS



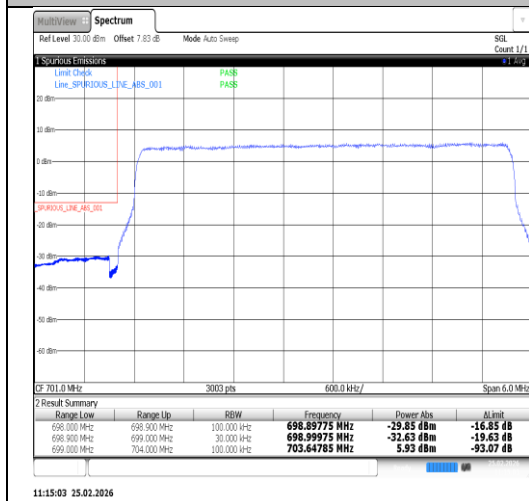
Band12-5MHz-QPSK-23035-1RB#0-PASS



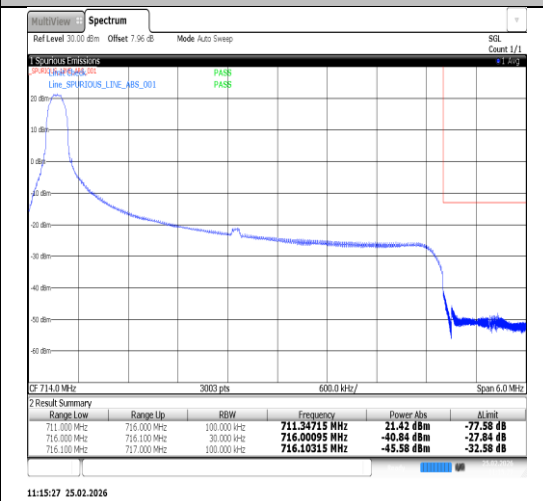
Band12-5MHz-QPSK-23035-1RB#24-PASS



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

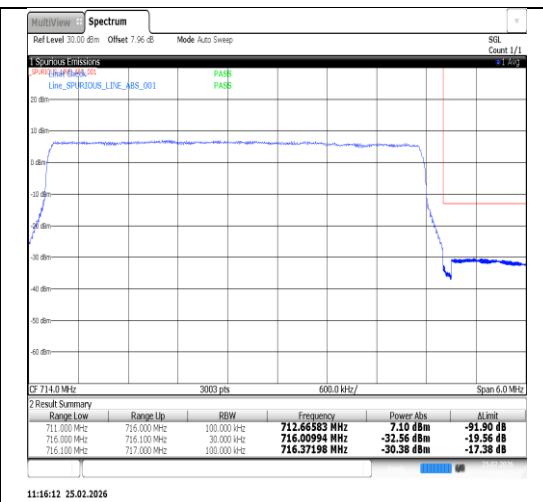
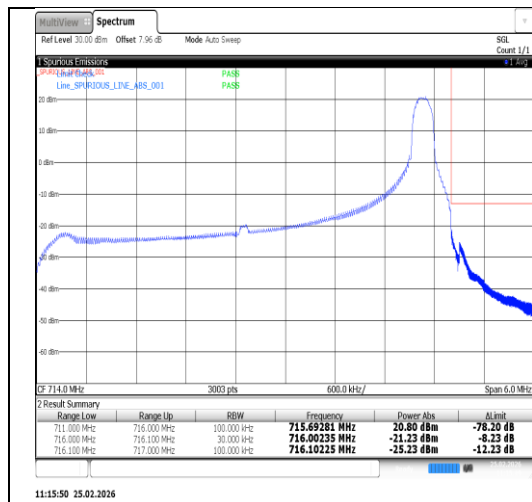


Band12-5MHz-QPSK-23155-1RB#0-PASS

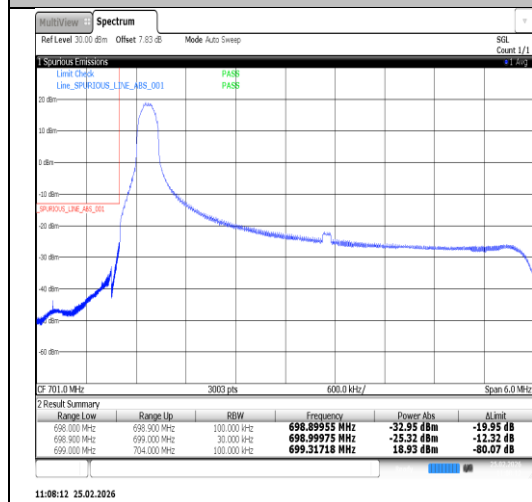


Band12-5MHz-QPSK-23155-1RB#24-PASS

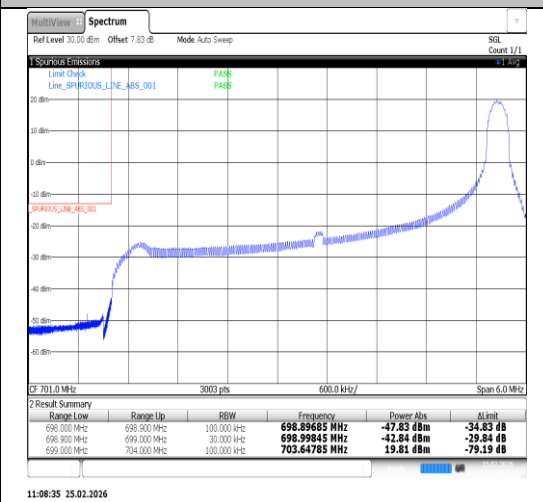
Band12-5MHz-QPSK-23155-25RB#0-PASS



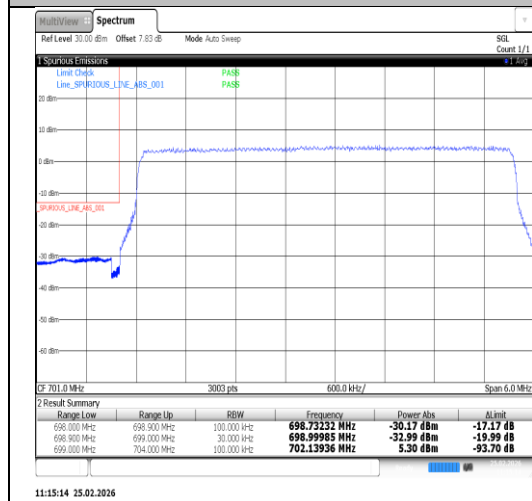
Band12-5MHz-16QAM-23035-1RB#0-PASS



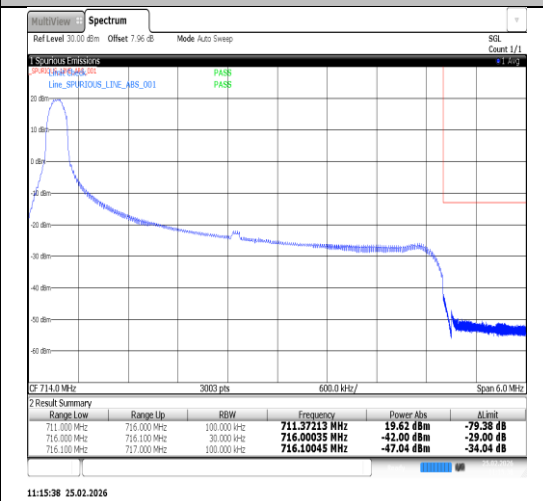
Band12-5MHz-16QAM-23035-1RB#24-PASS



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

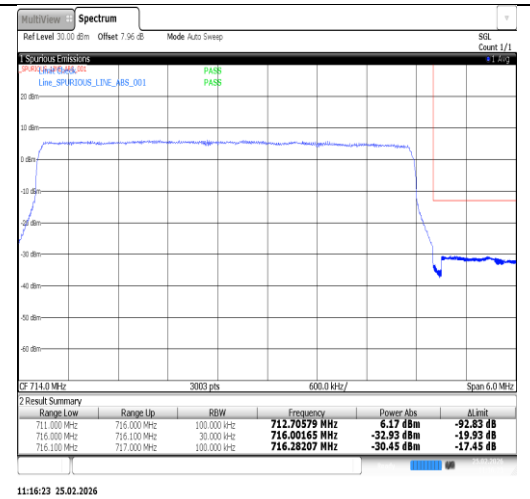
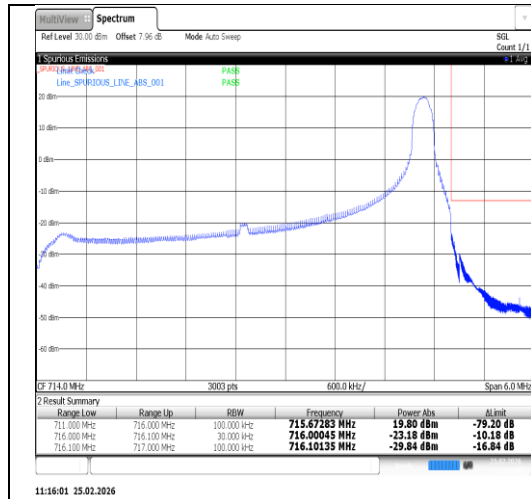


Band12-5MHz-16QAM-23155-1RB#0-PASS



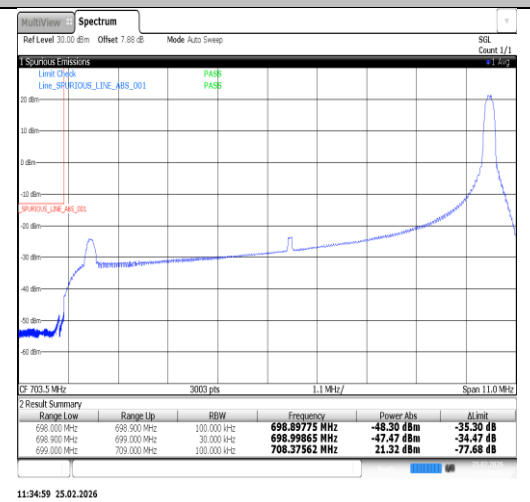
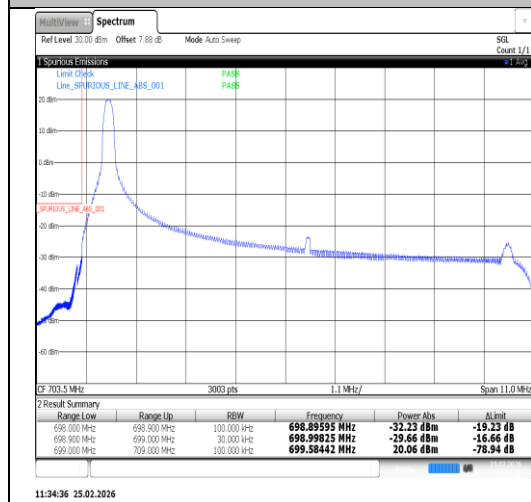
Band12-5MHz-16QAM-23155-1RB#24-PASS

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



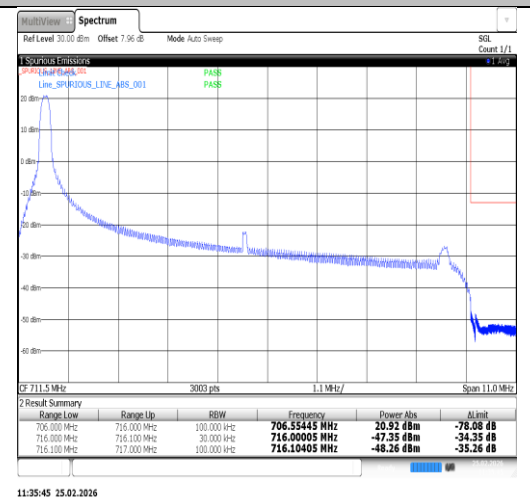
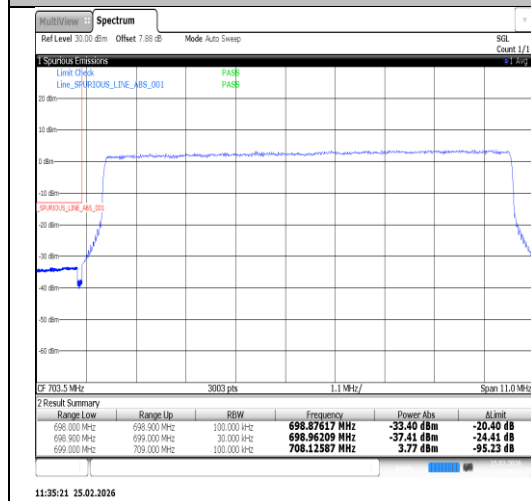
Band12-10MHz-QPSK-23060-1RB#0-PASS

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



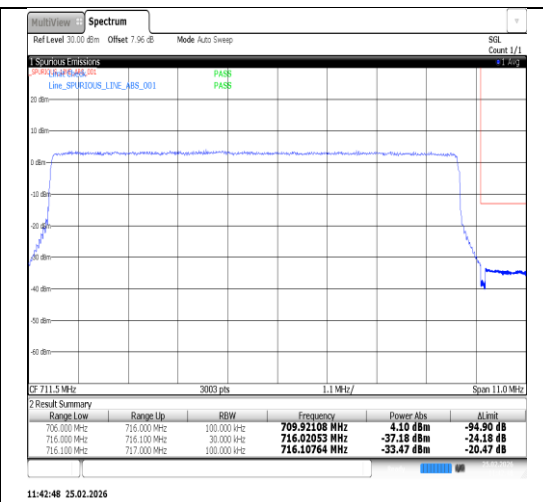
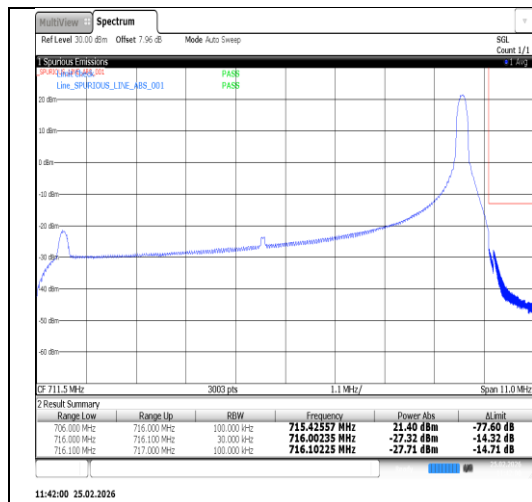
Band12-10MHz-QPSK-23060-50RB#0-PASS

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

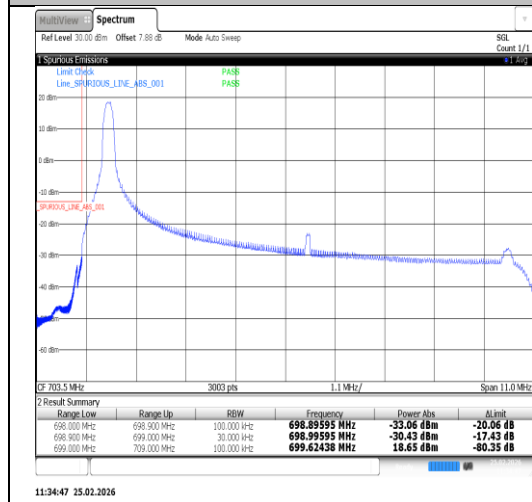


Band12-10MHz-QPSK-23130-1RB#49-PASS

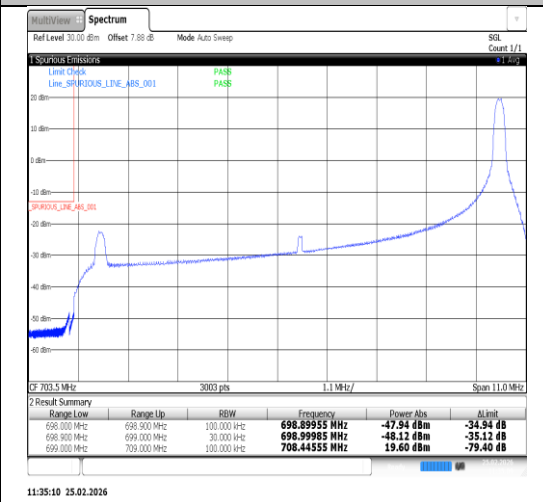
Band12-10MHz-QPSK-23130-50RB#0-PASS



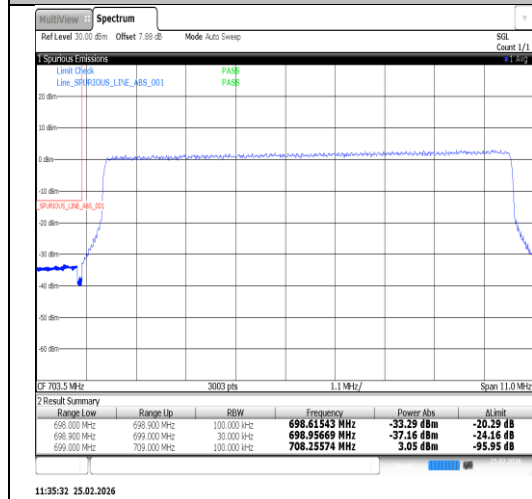
Band12-10MHz-16QAM-23060-1RB#0-PASS



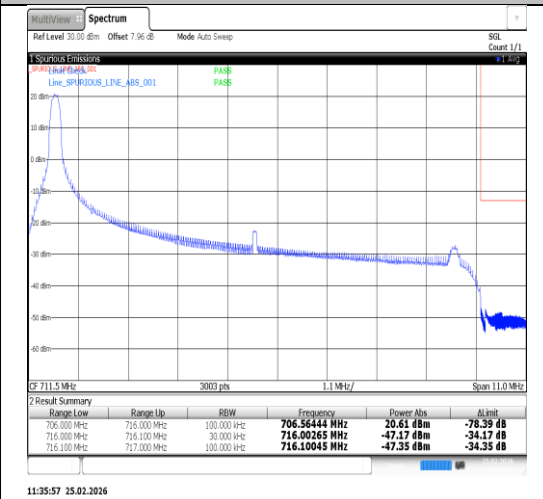
Band12-10MHz-16QAM-23060-1RB#49-PASS



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

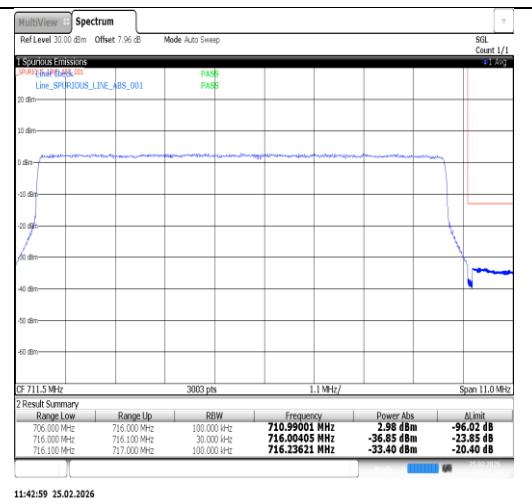
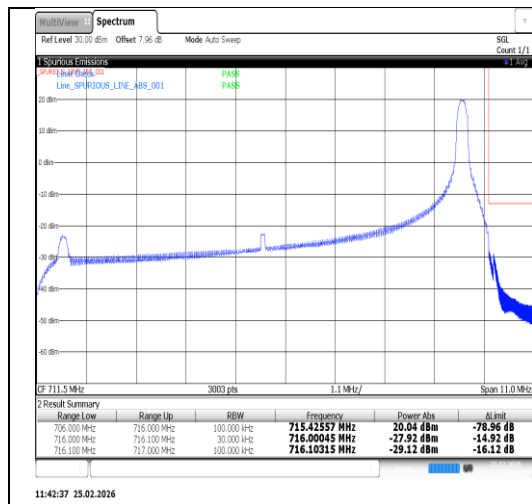


Band12-10MHz-16QAM-23130-1RB#0-PASS



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

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



Appendix D: Conducted Spurious Emission

Test Result

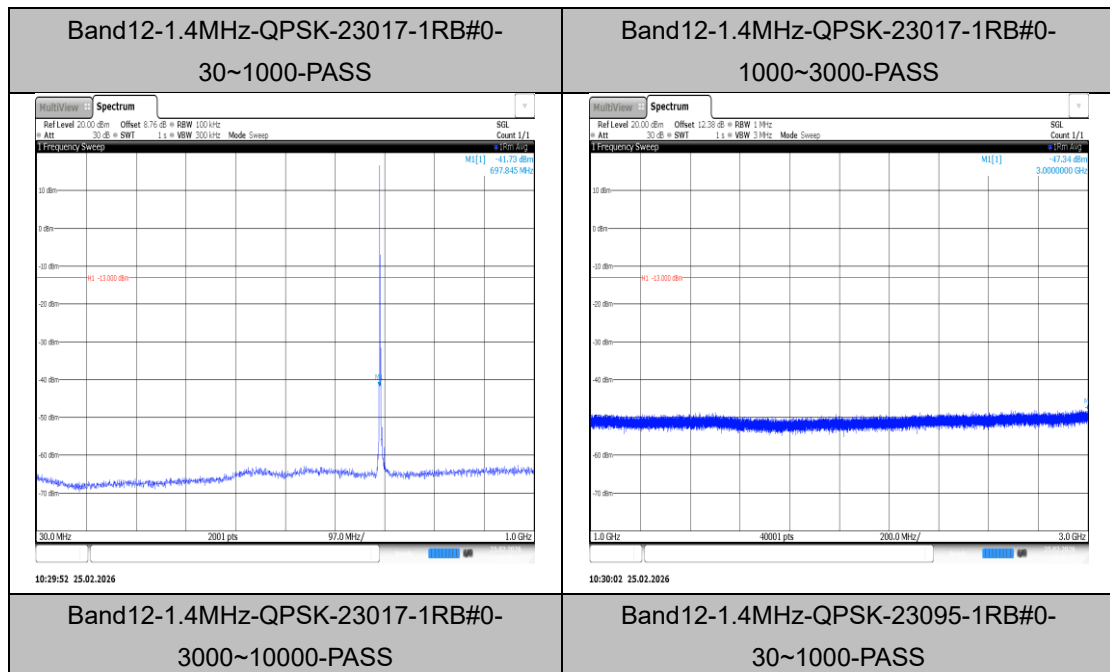
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	- 41.73	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	- 47.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	- 37.56	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	- 62.67	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	- 47.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	- 37.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	- 47.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	- 47.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	- 37.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	- 44.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	- 47.73	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	- 37.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	- 62.67	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	- 47.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	- 37.42	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	- 62.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	- 47.81	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	- 37.72	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-	PASS

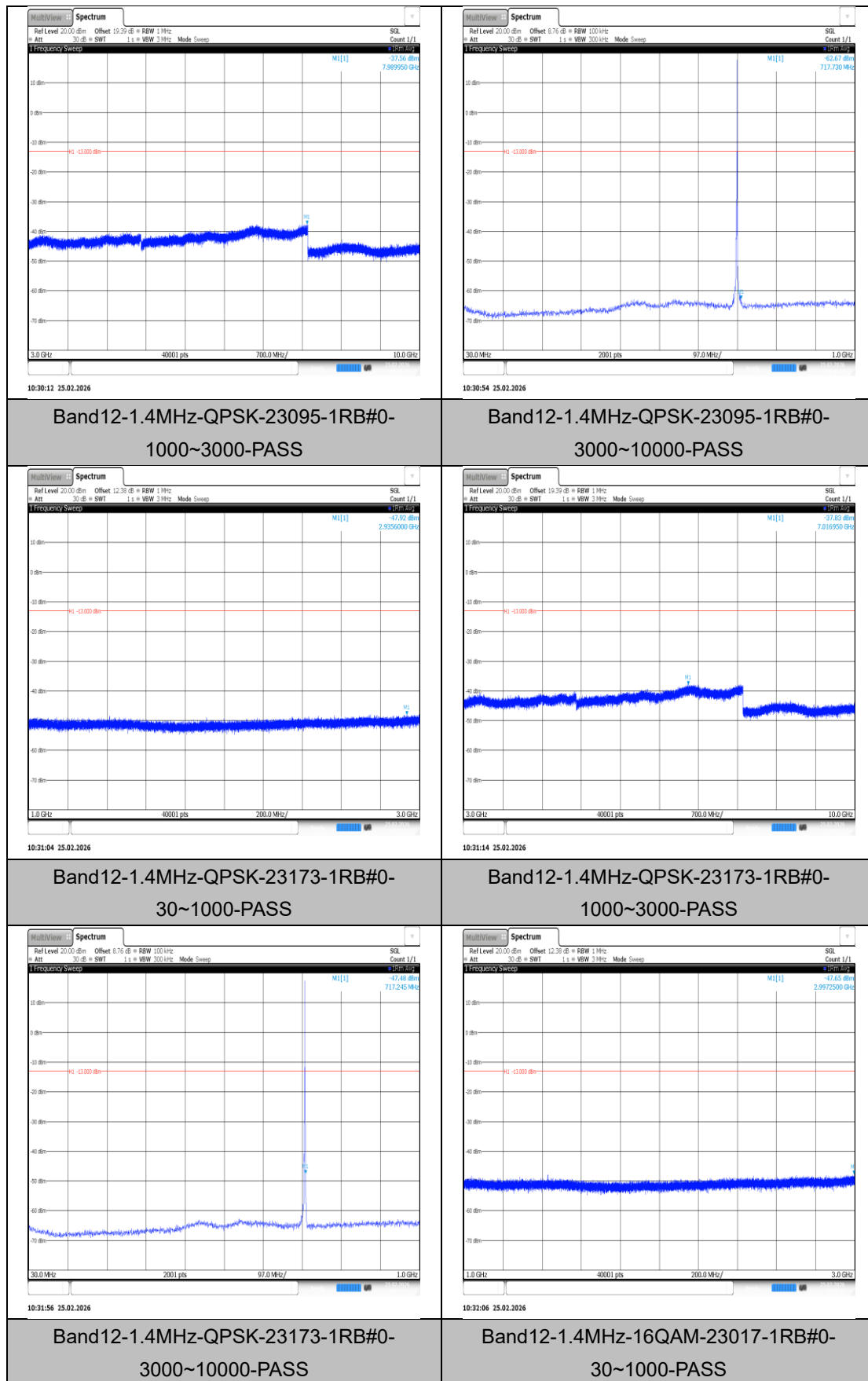
						43.01	
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	- 47.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	- 37.26	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	- 58.89	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	- 47.67	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	- 37.40	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	- 33.71	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	- 47.70	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	- 37.79	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	- 46.14	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	- 47.85	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	- 37.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	- 59.33	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	- 47.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	- 37.37	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	- 36.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	- 47.48	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	- 37.68	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	- 49.28	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	- 47.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	- 37.29	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	- 38.94	PASS

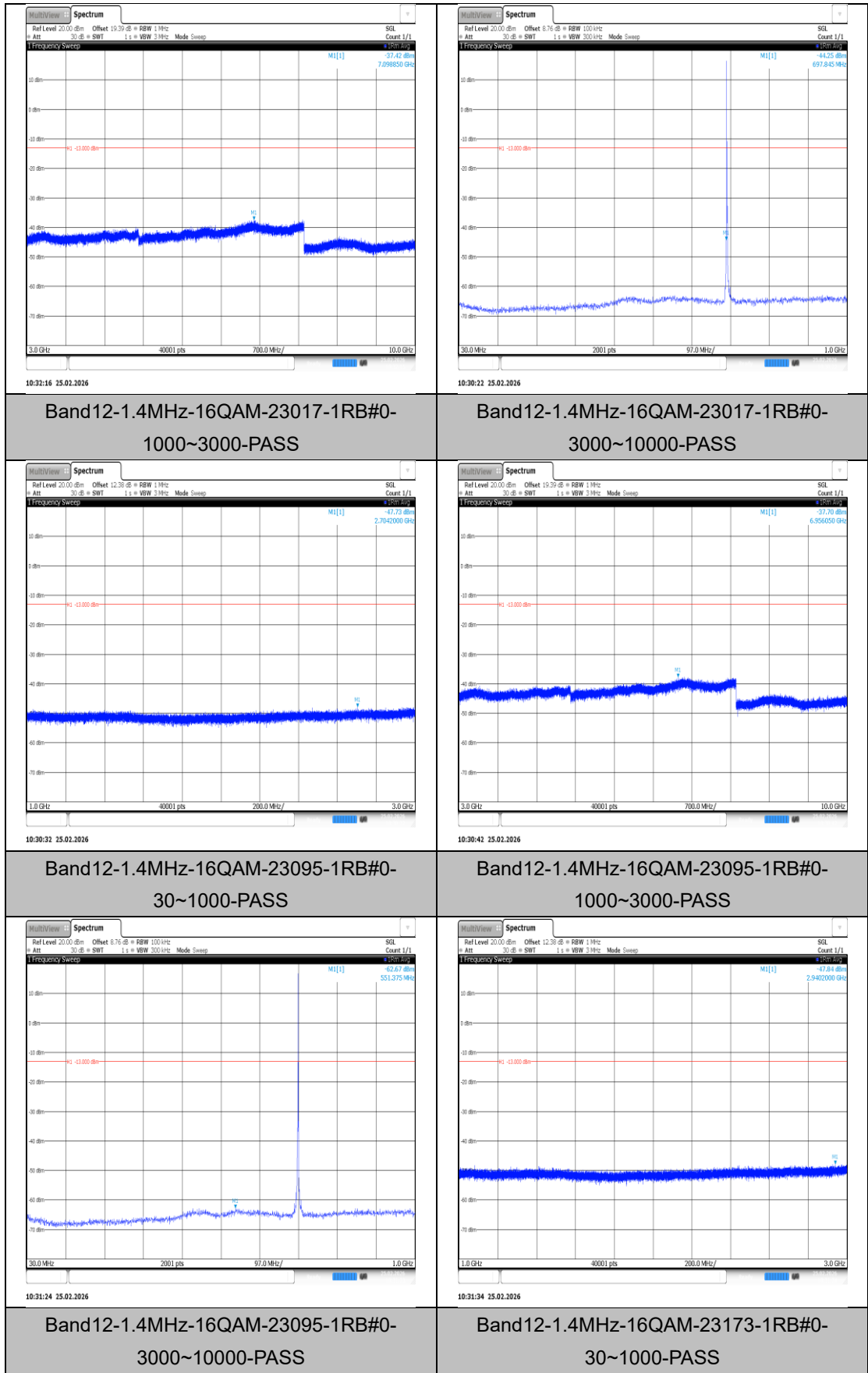
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	- 47.74	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	- 37.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	- 38.41	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	- 47.46	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	- 37.92	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	- 49.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	- 47.34	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	- 37.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	- 49.00	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	- 47.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	- 37.58	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	- 38.94	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	- 47.31	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	- 37.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	- 33.56	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	- 47.56	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	- 37.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	- 43.62	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	- 47.91	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	- 37.66	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	- 45.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	- 47.43	PASS

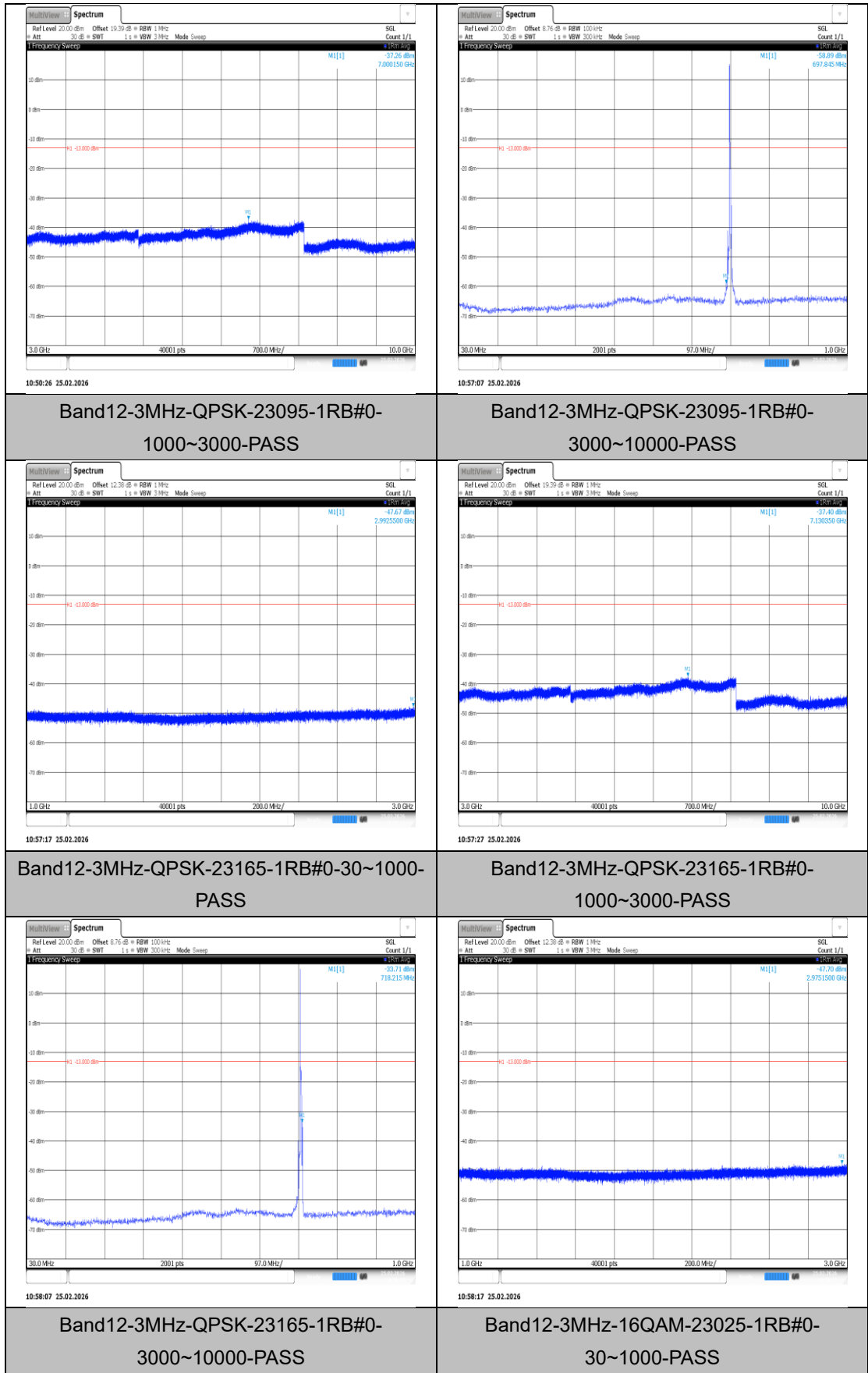
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	- 37.56	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	- 36.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	- 47.63	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	- 37.55	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	- 42.31	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	- 47.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	- 37.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	- 49.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	- 47.72	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	- 37.48	PASS

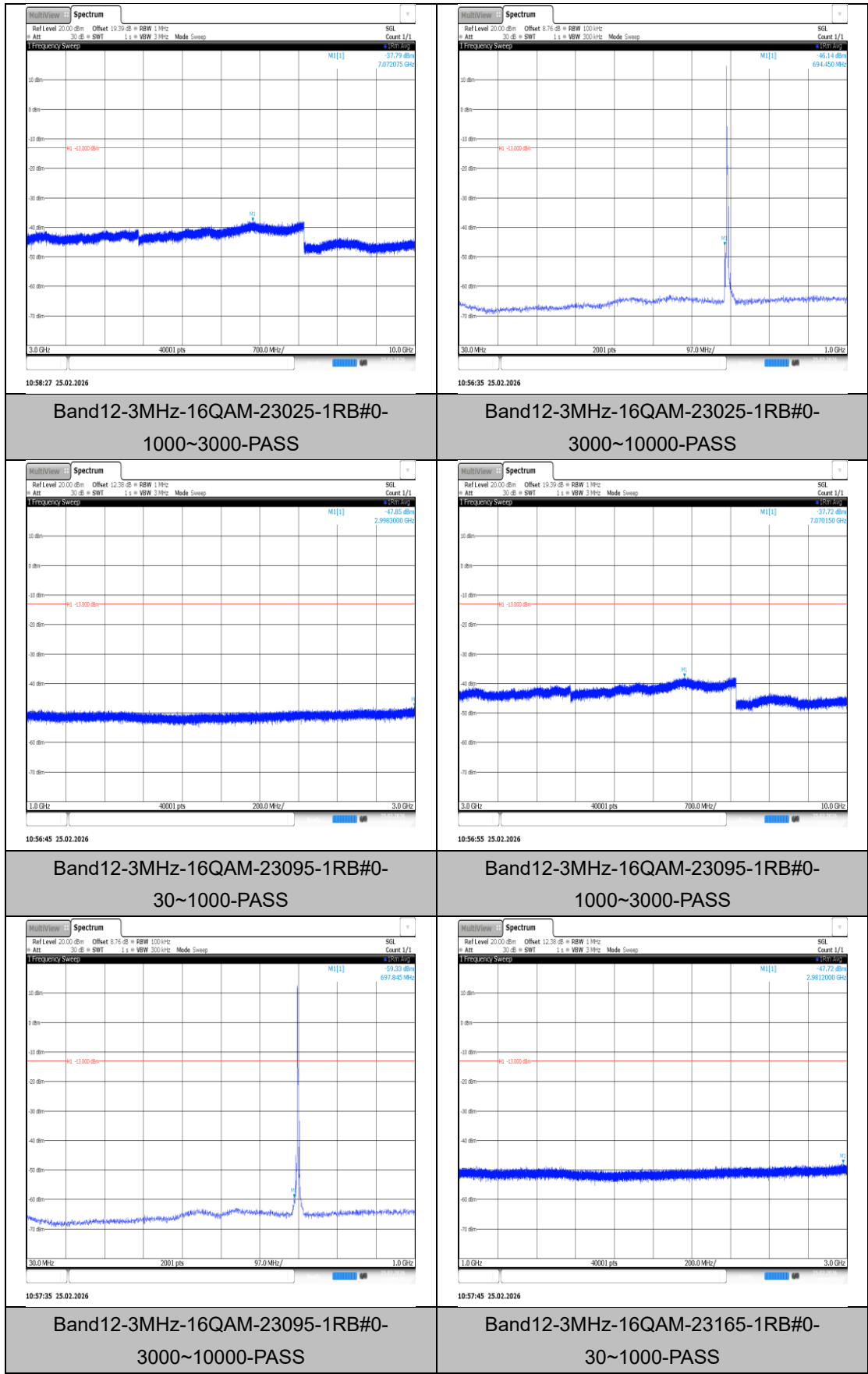
Test Graphs

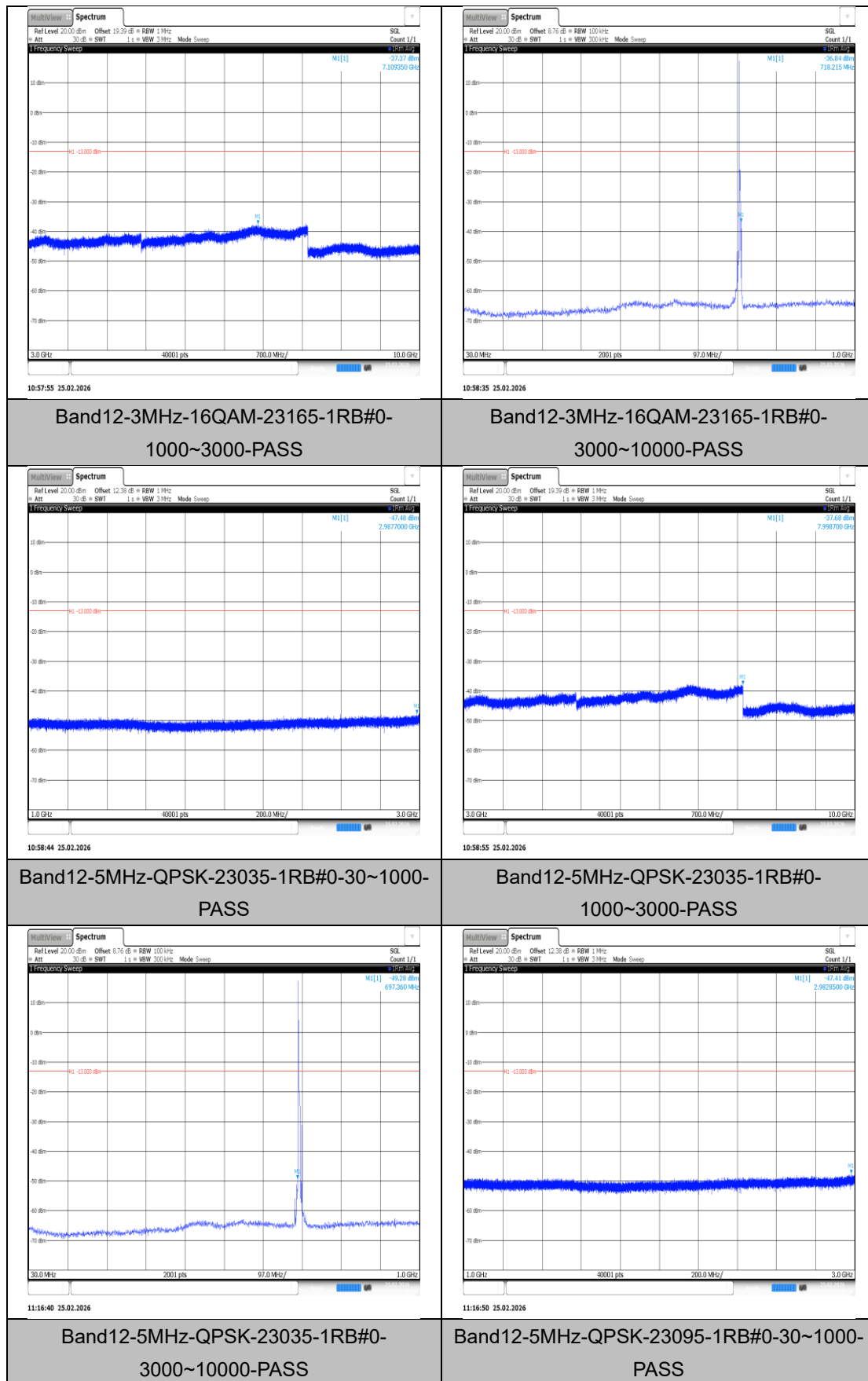


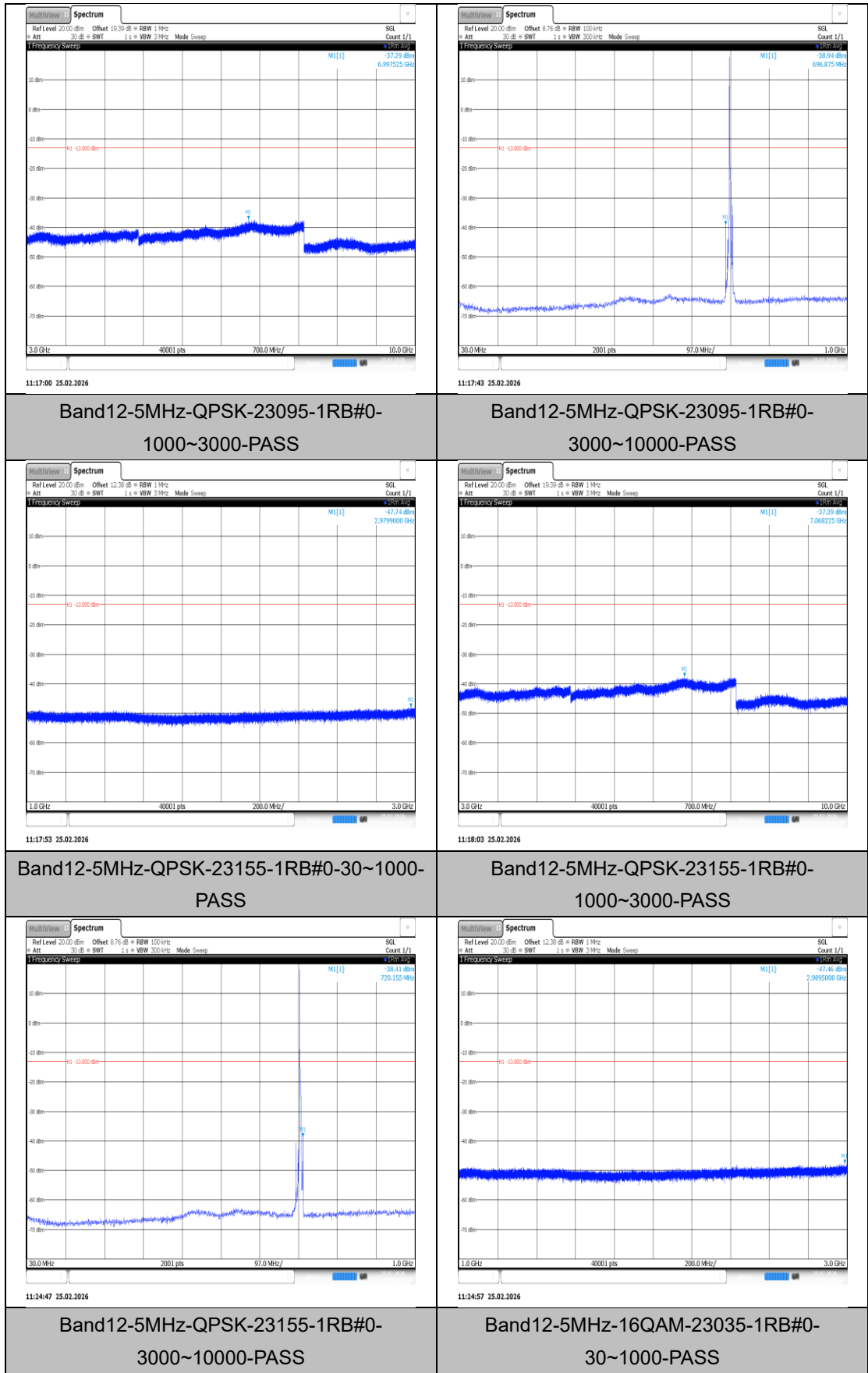


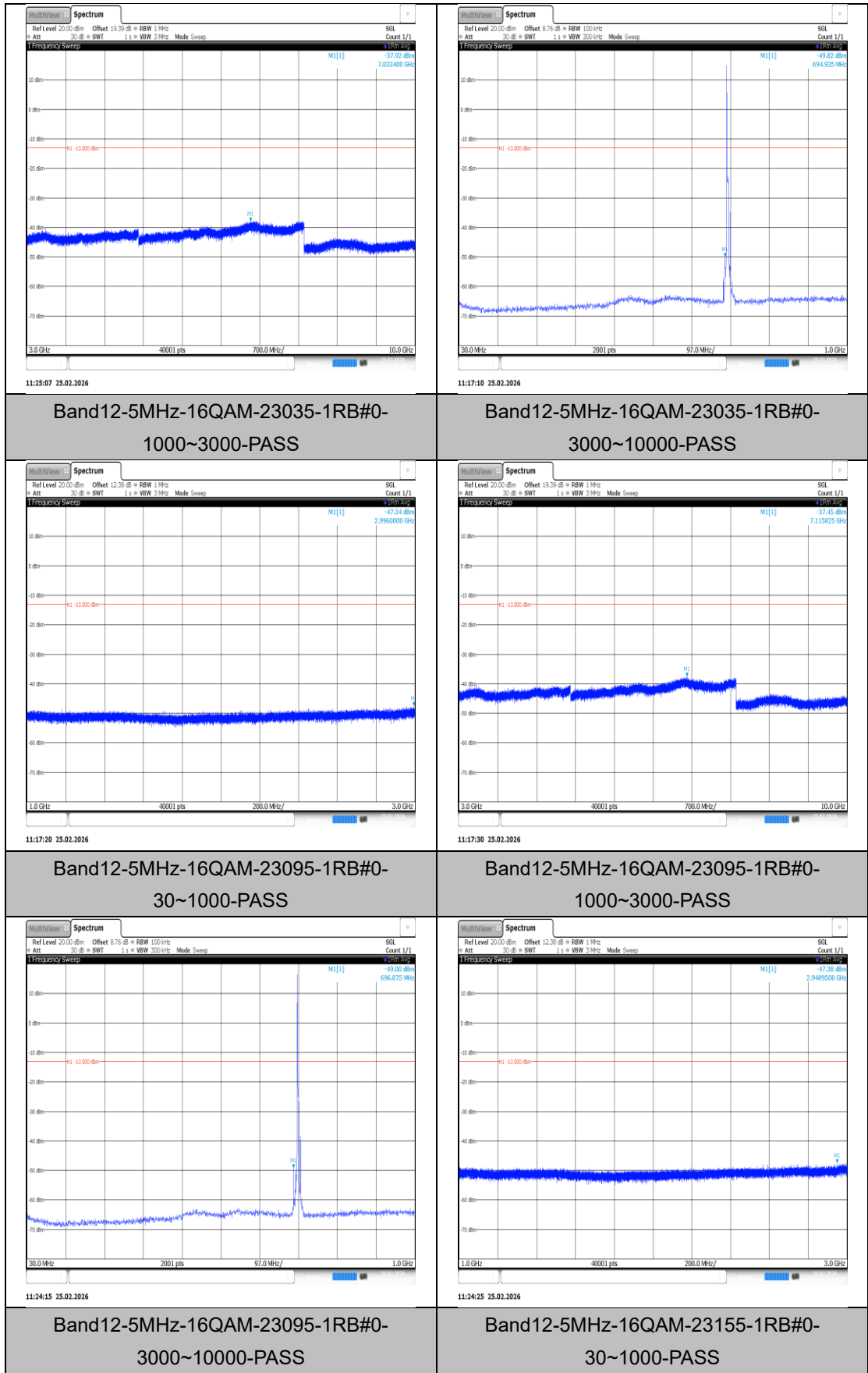


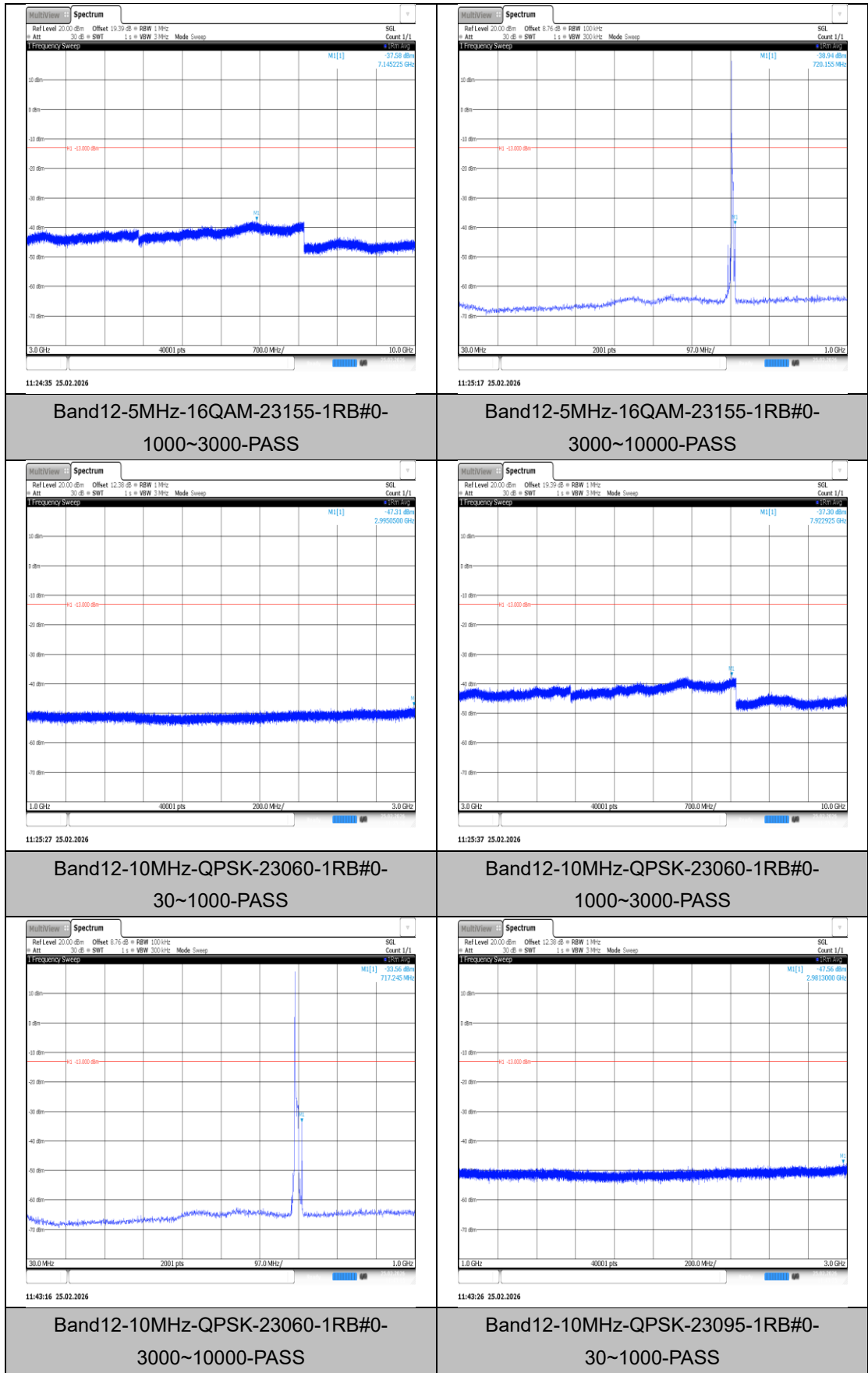


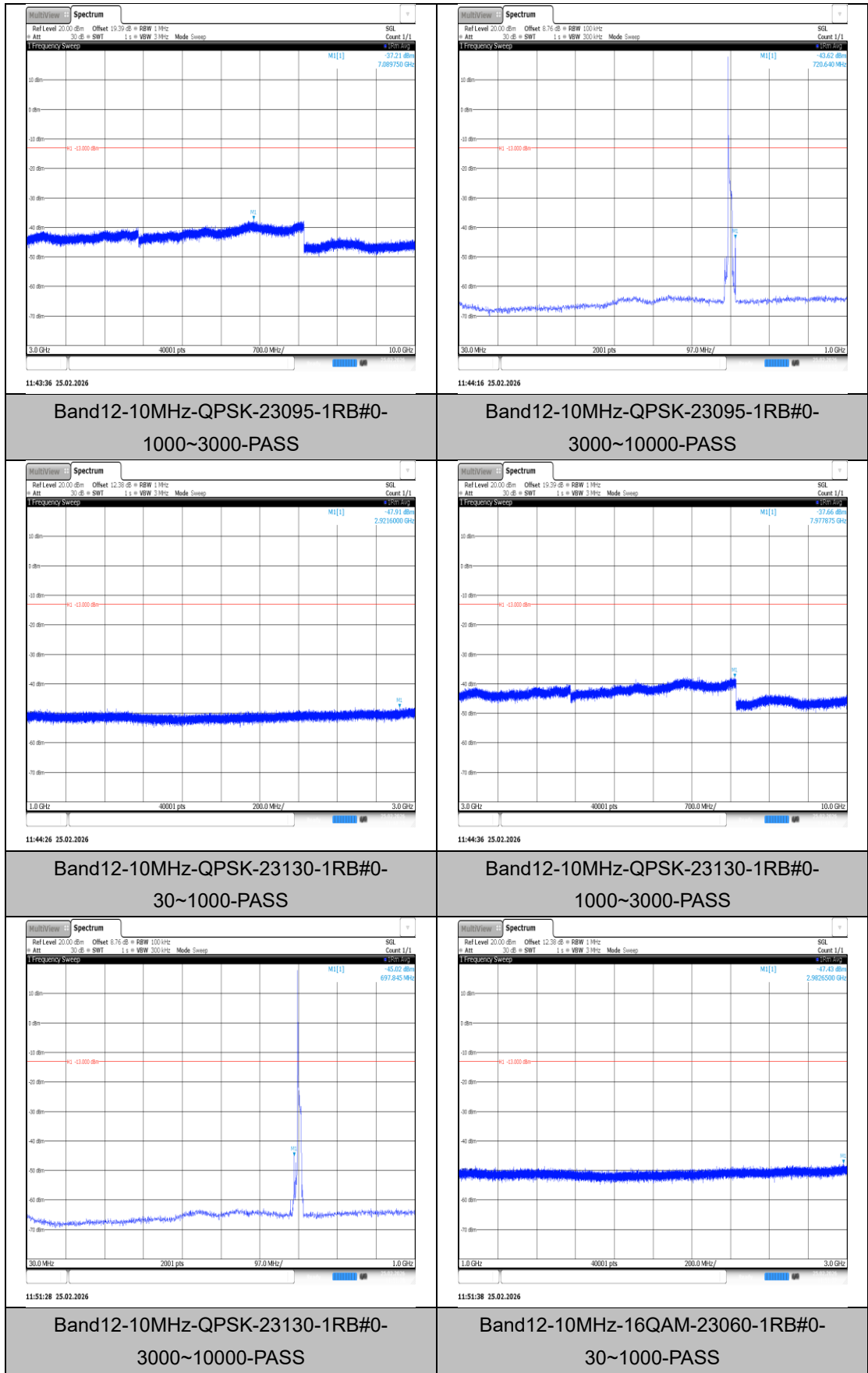


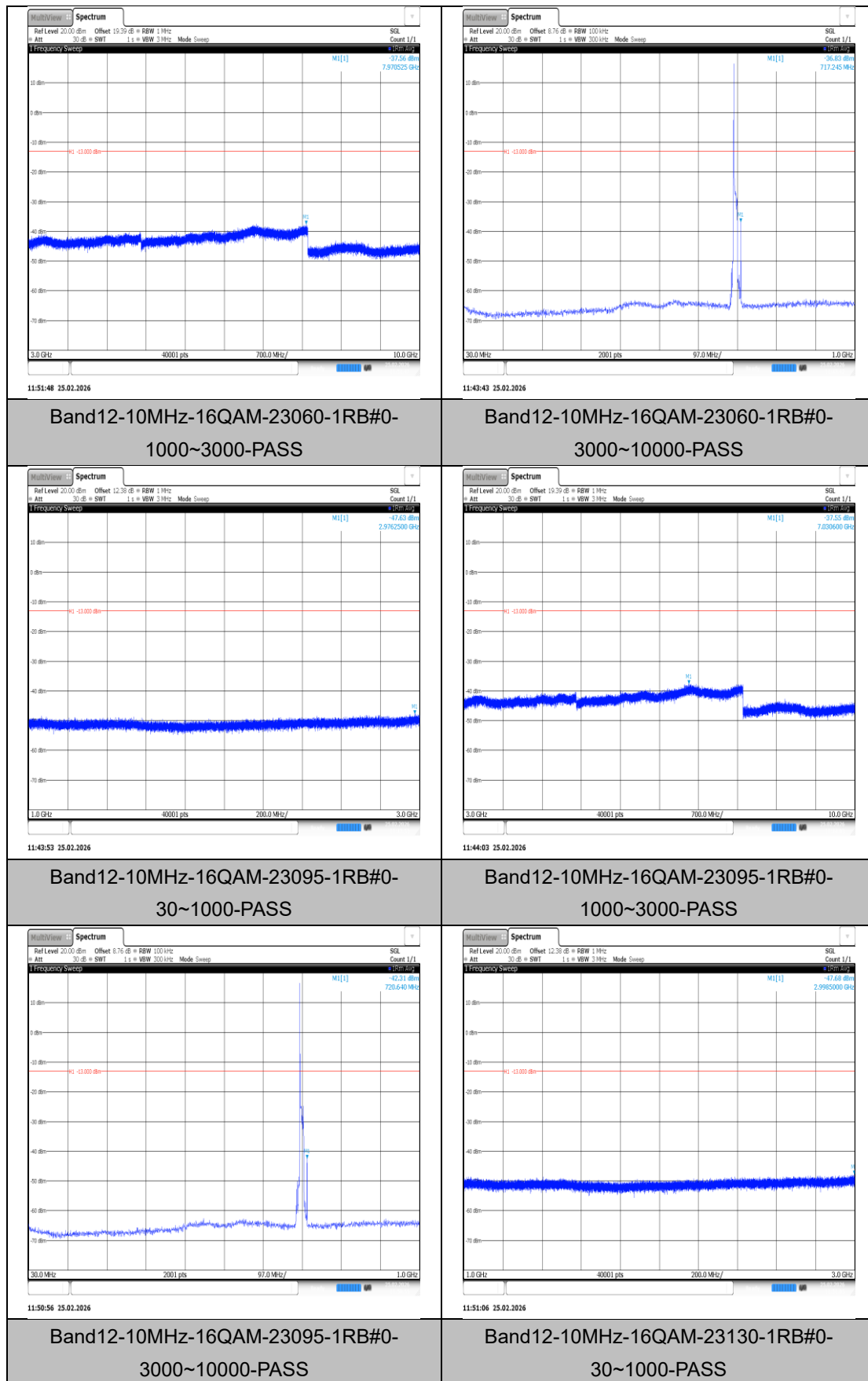


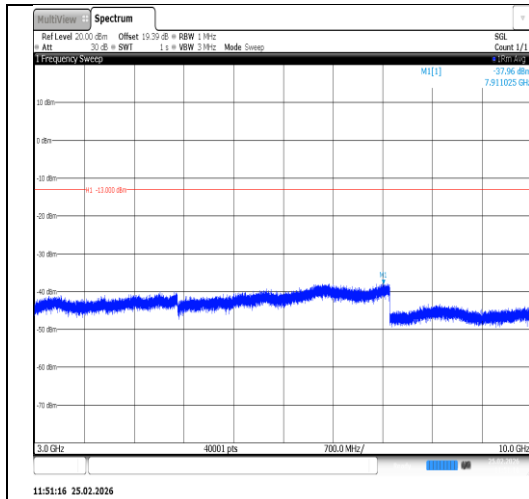




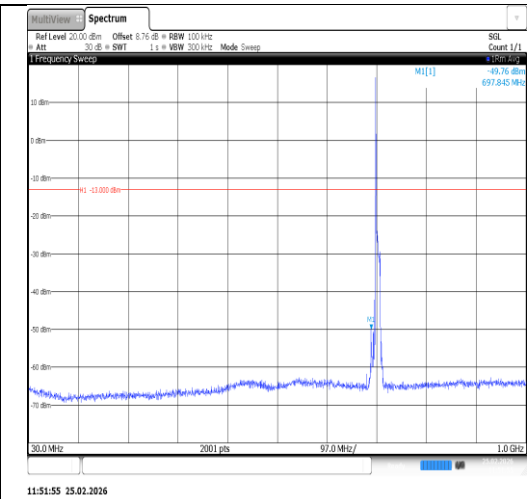




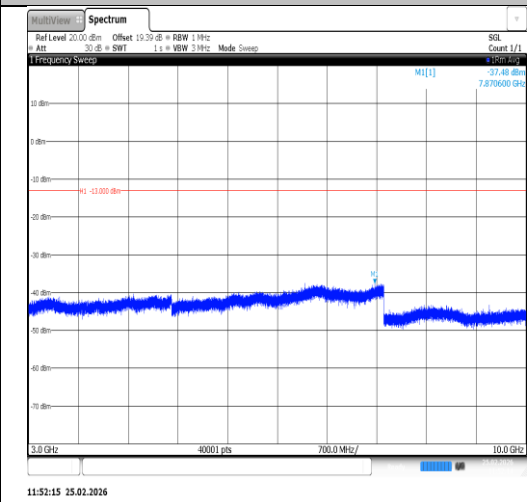
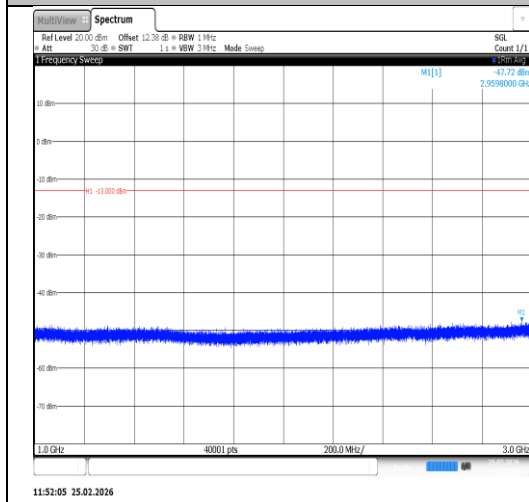




Band12-10MHz-16QAM-23130-1RB#0-
1000~3000-PASS



Band12-10MHz-16QAM-23130-1RB#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
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	17.04	0.024085	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	39.24	0.055463	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	43.69	0.061753	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-33.72	-0.047661	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-18.01	-0.025456	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-34.20	-0.048339	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	14.35	0.020283	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	25.89	0.036594	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	45.59	0.064438	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	12.36	0.017470	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	37.57	0.053102	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	45.48	0.064283	±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	41.25	0.058304	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	16.89	0.023873	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	30.38	0.042940	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	33.29	0.047053	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	19.13	0.027039	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	27.09	0.038290	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	40.77	0.057625	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-2.95	-0.004170	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-21.76	-0.030756	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	38.24	0.054049	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	18.31	0.025880	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	16.78	0.023717	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	40.48	0.057216	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	46.48	0.065696	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	8.64	0.012212	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	26.01	0.036763	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	10.20	0.014417	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	20.83	0.029442	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	NV	-30	45.17	0.063845	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	40.24	0.056876	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	5.32	0.007519	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	16.98	0.024000	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	23.25	0.032862	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	19.68	0.027816	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	10.19	0.014403	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	11.59	0.016382	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	27.57	0.038968	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-28.93	-0.040890	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	10.81	0.015279	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	35.31	0.049908	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	35.02	0.049498	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	24.10	0.034064	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	22.83	0.032269	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	5.69	0.008042	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	16.88	0.023859	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	7.11	0.010049	±2.5	PASS