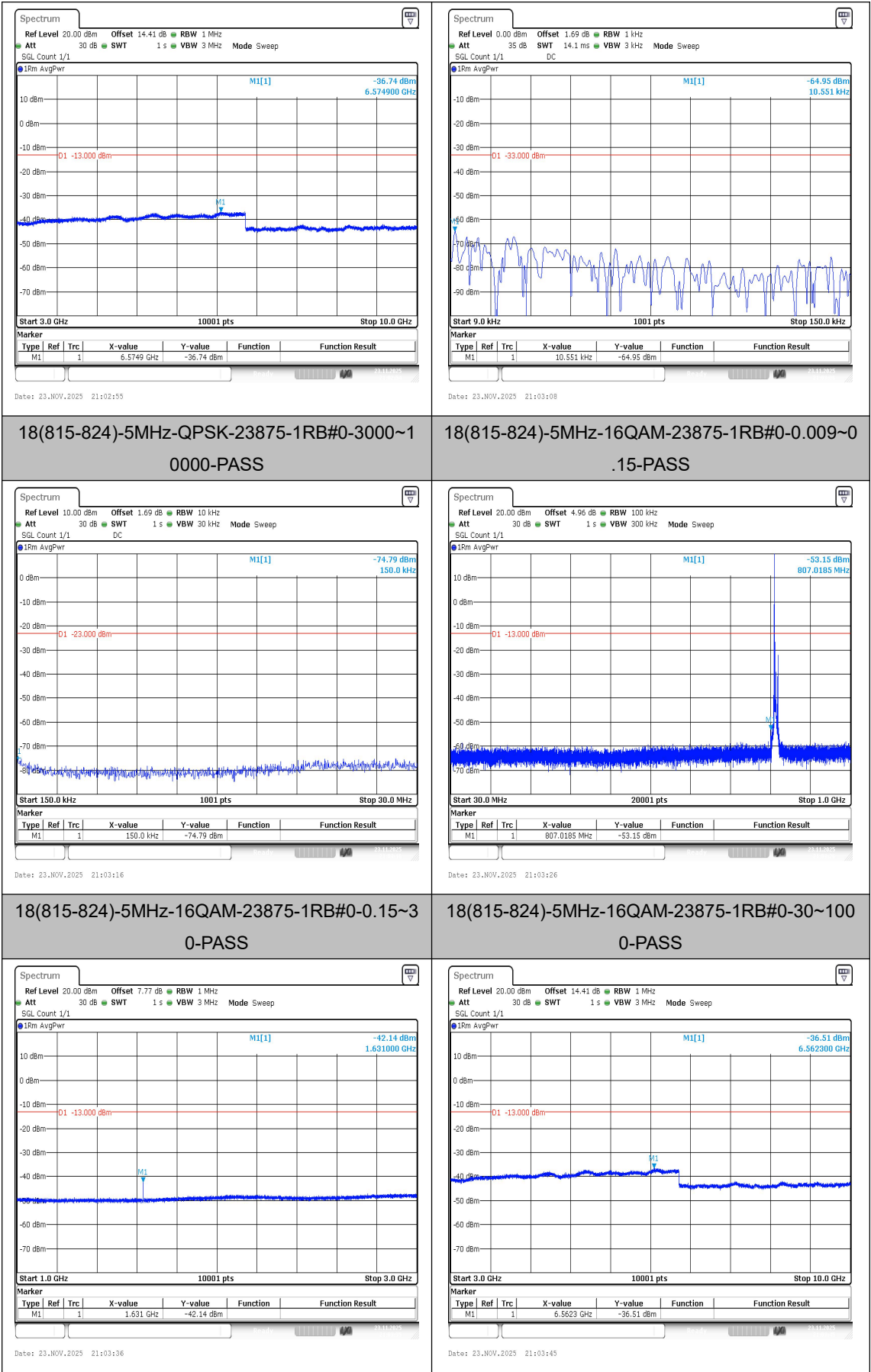
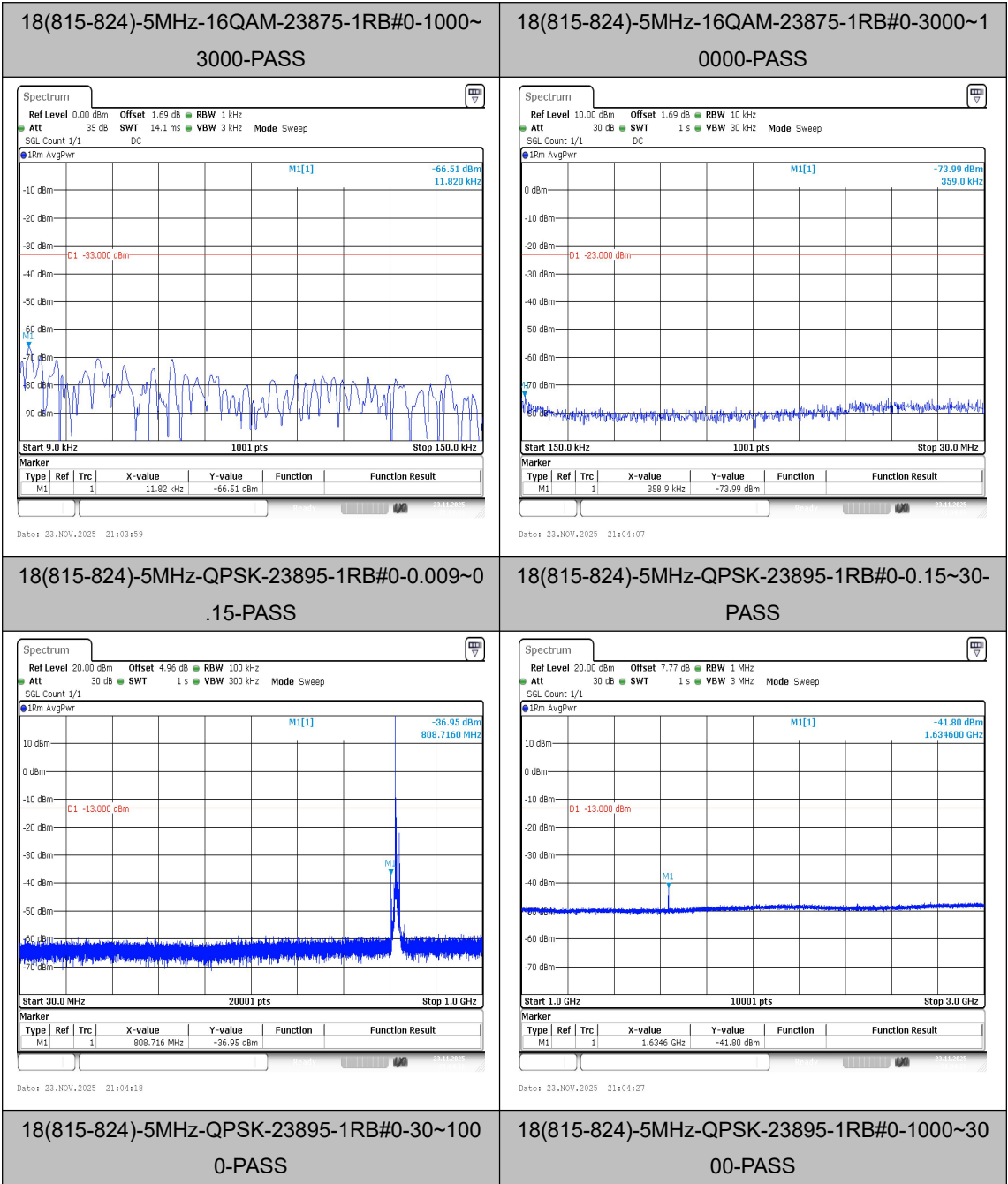
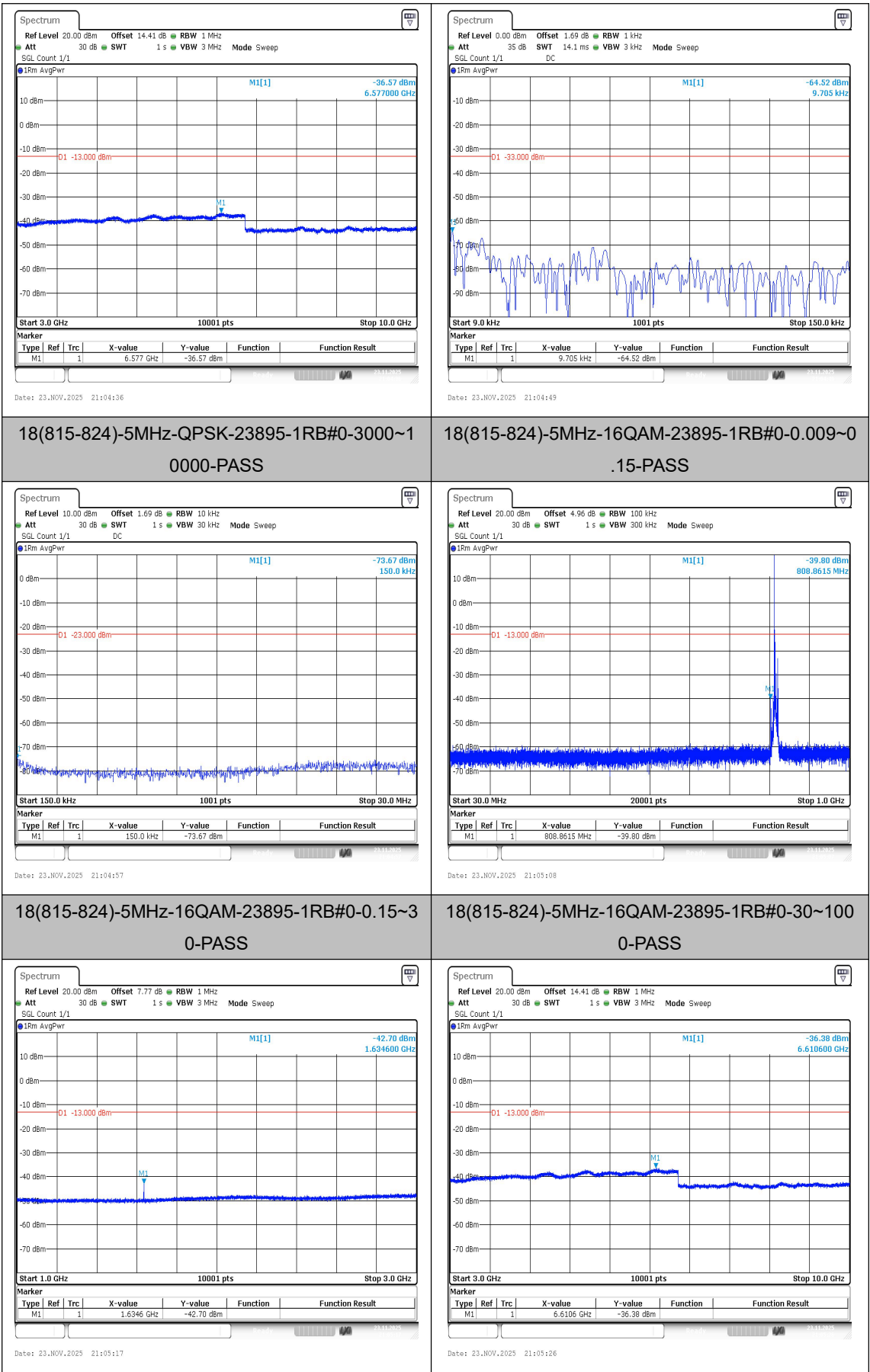
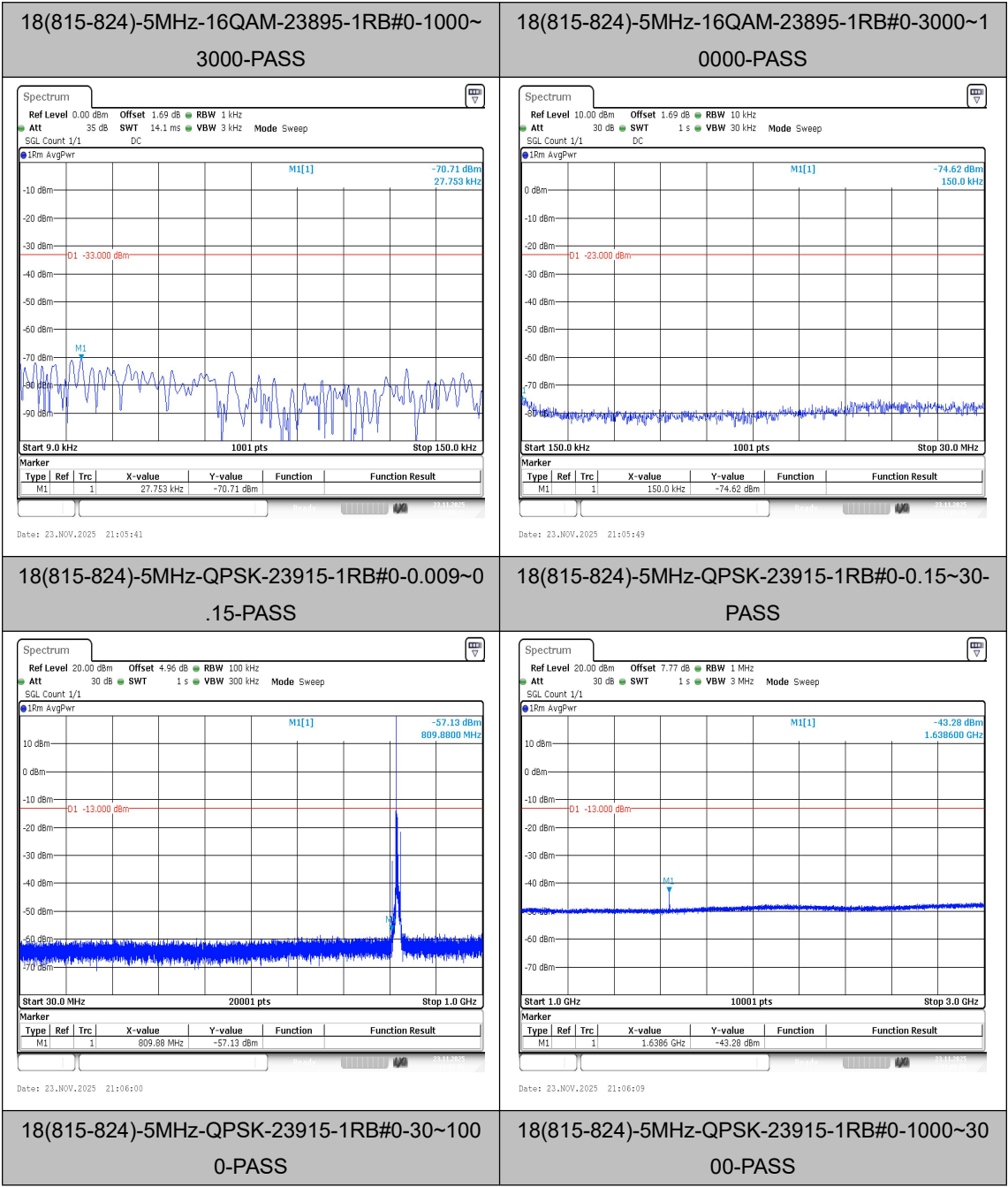
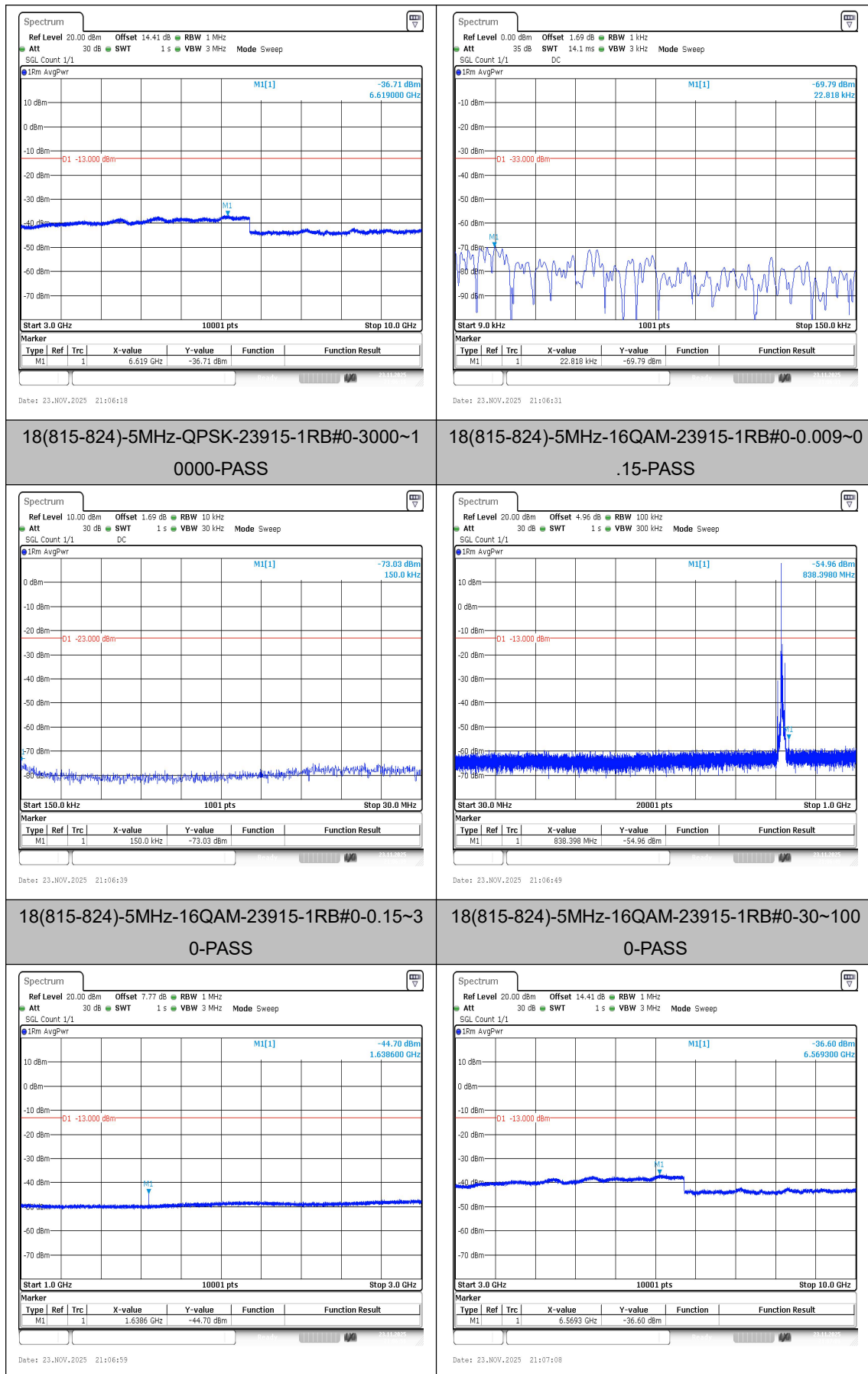












18(815-824)-5MHz-16QAM-23915-1RB#0-1000~ 3000-PASS	18(815-824)-5MHz-16QAM-23915-1RB#0-3000~1 0000-PASS
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Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
18(815-824)	5MHz	QPSK	23875	25RB#0	VN	NT	-11.19	-0.013688	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	VL	NT	-10.24	-0.012526	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	VH	NT	-12.55	-0.015352	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	VN	NT	-10.80	-0.013211	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	VL	NT	-14.08	-0.017223	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	VH	NT	-10.89	-0.013321	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	VN	NT	-9.76	-0.011910	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	VL	NT	-11.63	-0.014192	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	VH	NT	-9.47	-0.011556	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	VN	NT	-4.98	-0.006077	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	VL	NT	-6.75	-0.008237	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	VH	NT	-3.85	-0.004698	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	VN	NT	-10.34	-0.012587	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	VL	NT	-6.74	-0.008205	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	VH	NT	-11.76	-0.014315	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	VN	NT	-9.94	-0.012100	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	VL	NT	-6.61	-0.008046	±2.5	PASS

18(815-824)	5MHz	16QAM	23915	25RB#0	VH	NT	-13.79	-0.016786	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	-30	-11.64	-0.014239	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	-20	-8.48	-0.010373	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	-10	-10.87	-0.013297	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	0	-4.76	-0.005823	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	10	-7.87	-0.009627	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	20	-11.82	-0.014459	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	30	-5.55	-0.006789	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	40	-12.16	-0.014875	±2.5	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	NV	50	-11.50	-0.014067	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	-30	-7.11	-0.008697	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	-20	-5.79	-0.007083	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	-10	-5.92	-0.007242	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	0	-7.58	-0.009272	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	10	-6.74	-0.008245	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	20	-7.34	-0.008979	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	30	-11.00	-0.013456	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	40	-7.88	-0.009639	±2.5	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	NV	50	-11.93	-0.014593	±2.5	PASS

824)										
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	-30	-8.05	-0.009823	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	-20	-13.50	-0.016473	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	-10	-7.58	-0.009250	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	0	-10.16	-0.012398	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	10	-8.94	-0.010909	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	20	-5.28	-0.006443	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	30	-11.39	-0.013899	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	40	-14.28	-0.017425	±2.5	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	NV	50	-6.12	-0.007468	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	-30	-11.22	-0.013691	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	-20	-10.11	-0.012337	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	-10	-7.84	-0.009567	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	0	-6.01	-0.007334	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	10	-8.88	-0.010836	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	20	-5.74	-0.007004	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	30	-12.50	-0.015253	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	40	-12.83	-0.015656	±2.5	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	NV	50	-10.04	-0.012251	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	-30	-9.83	-0.011966	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	-20	-9.71	-0.011820	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	-10	-3.92	-0.004772	±2.5	PASS

824)										
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	0	-11.14	-0.013561	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	10	-9.86	-0.012002	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	20	-6.90	-0.008399	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	30	-11.12	-0.013536	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	40	-7.75	-0.009434	±2.5	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	NV	50	-7.71	-0.009385	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	-30	-6.38	-0.007766	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	-20	-11.12	-0.013536	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	-10	-8.75	-0.010651	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	0	-5.24	-0.006379	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	10	-6.68	-0.008131	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	20	-9.67	-0.011771	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	30	-4.81	-0.005855	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	40	-9.16	-0.011150	±2.5	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	NV	50	-6.02	-0.007328	±2.5	PASS