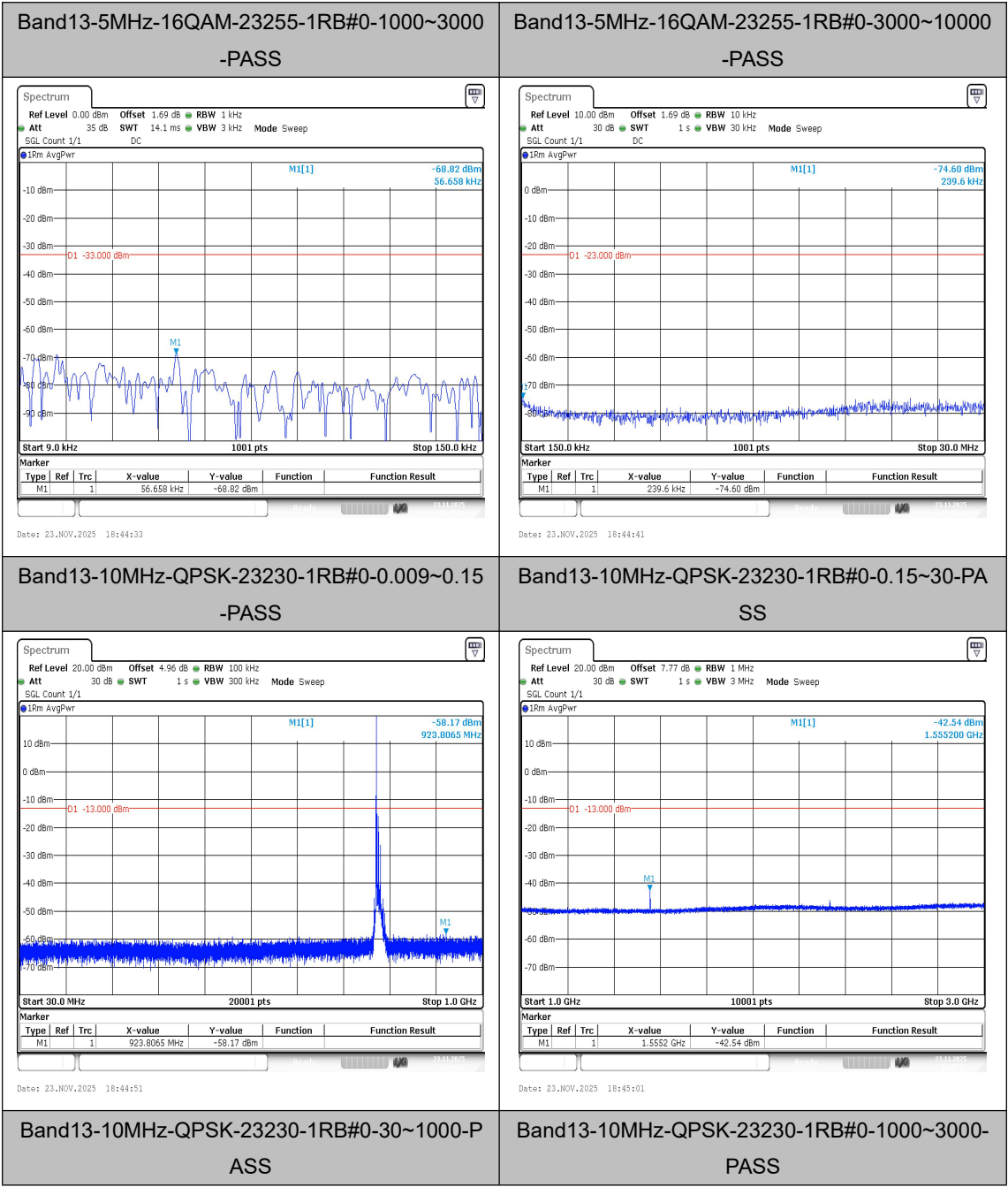
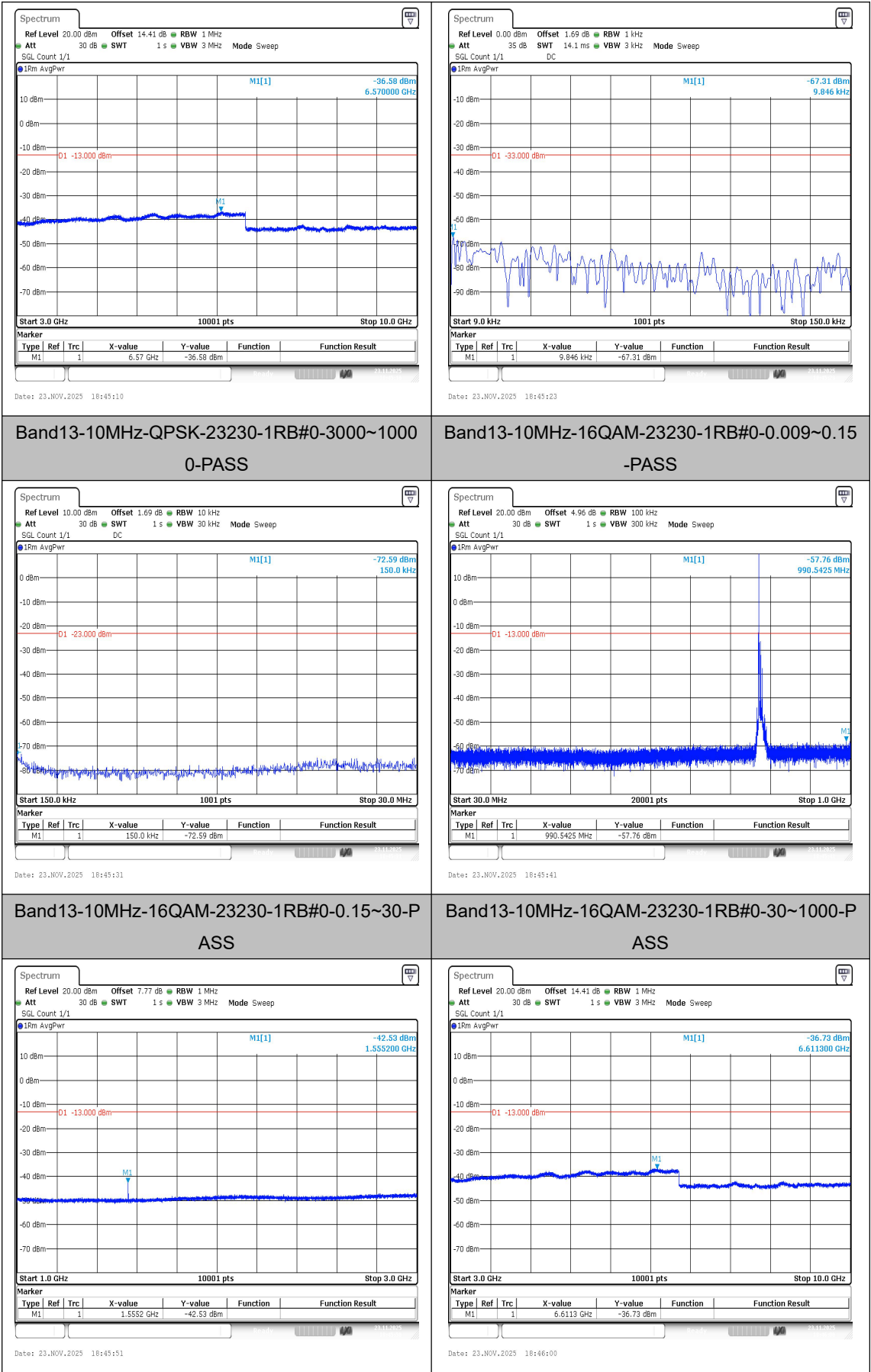






Band13-10MHz-16QAM-23230-1RB#0-1000~300 0-PASS	Band13-10MHz-16QAM-23230-1RB#0-3000~1000 0-PASS
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-5.28	-0.006774	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-9.74	-0.012495	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-7.51	-0.009634	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-10.89	-0.013970	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-10.53	-0.013509	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-8.24	-0.010571	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-12.17	-0.015563	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-12.96	-0.016573	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-7.67	-0.009808	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-12.40	-0.015857	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-12.37	-0.015818	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-4.13	-0.005281	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-13.88	-0.017693	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-7.88	-0.010045	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-7.04	-0.008974	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-7.25	-0.009242	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-9.30	-0.011855	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-10.83	-0.013805	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-10.77	-0.013772	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-11.29	-0.014437	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-11.86	-0.015166	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-8.77	-0.011215	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-7.85	-0.010038	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-9.30	-0.011893	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-1.14	-0.001462	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-9.97	-0.012790	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-8.91	-0.011430	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-5.88	-0.007543	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-8.63	-0.011071	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	20	-9.71	-0.012457	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-12.37	-0.015869	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-7.71	-0.009891	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-8.63	-0.011071	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-10.63	-0.013637	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-10.40	-0.013342	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-8.31	-0.010661	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-11.20	-0.014368	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-11.04	-0.014163	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-10.91	-0.013996	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-10.20	-0.013085	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-10.07	-0.012919	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-9.44	-0.012110	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-9.11	-0.011650	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-8.30	-0.010614	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-12.57	-0.016074	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-6.74	-0.008619	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-13.48	-0.017238	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-10.29	-0.013159	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-12.22	-0.015627	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-11.03	-0.014105	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-4.06	-0.005192	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-11.33	-0.014488	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-7.65	-0.009783	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-6.17	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-11.10	-0.014194	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-10.67	-0.013645	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-8.58	-0.010972	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-9.68	-0.012379	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-6.52	-0.008338	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-6.58	-0.008414	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-8.21	-0.010465	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-7.07	-0.009012	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-7.47	-0.009522	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-17.42	-0.022205	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-11.74	-0.014965	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-12.60	-0.016061	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-8.70	-0.011090	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-16.01	-0.020408	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-8.57	-0.010924	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-6.35	-0.008094	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-9.03	-0.011511	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-11.76	-0.014990	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-8.01	-0.010210	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-13.38	-0.017055	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-12.32	-0.015704	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-2.98	-0.003799	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-10.24	-0.013053	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-3.20	-0.004079	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-11.32	-0.014476	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-7.08	-0.009054	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-13.15	-0.016816	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-15.22	-0.019463	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-6.57	-0.008402	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-12.09	-0.015460	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-8.51	-0.010882	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-11.56	-0.014783	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-10.63	-0.013593	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-7.02	-0.008977	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-10.66	-0.013632	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-11.34	-0.014501	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-3.96	-0.005064	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-13.05	-0.016688	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-11.22	-0.014348	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-12.79	-0.016355	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-8.53	-0.010908	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-9.21	-0.011777	±2.5	PASS