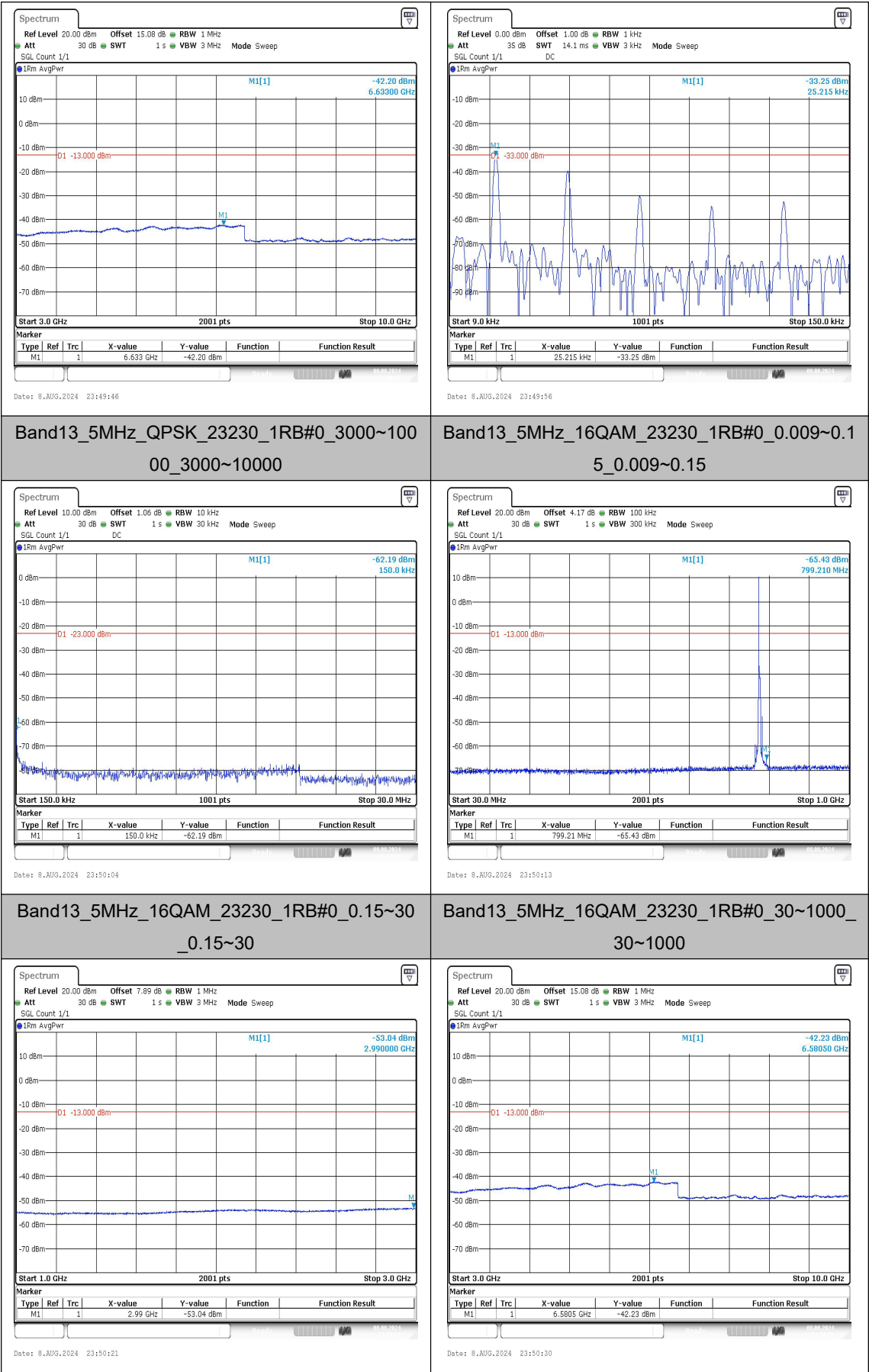
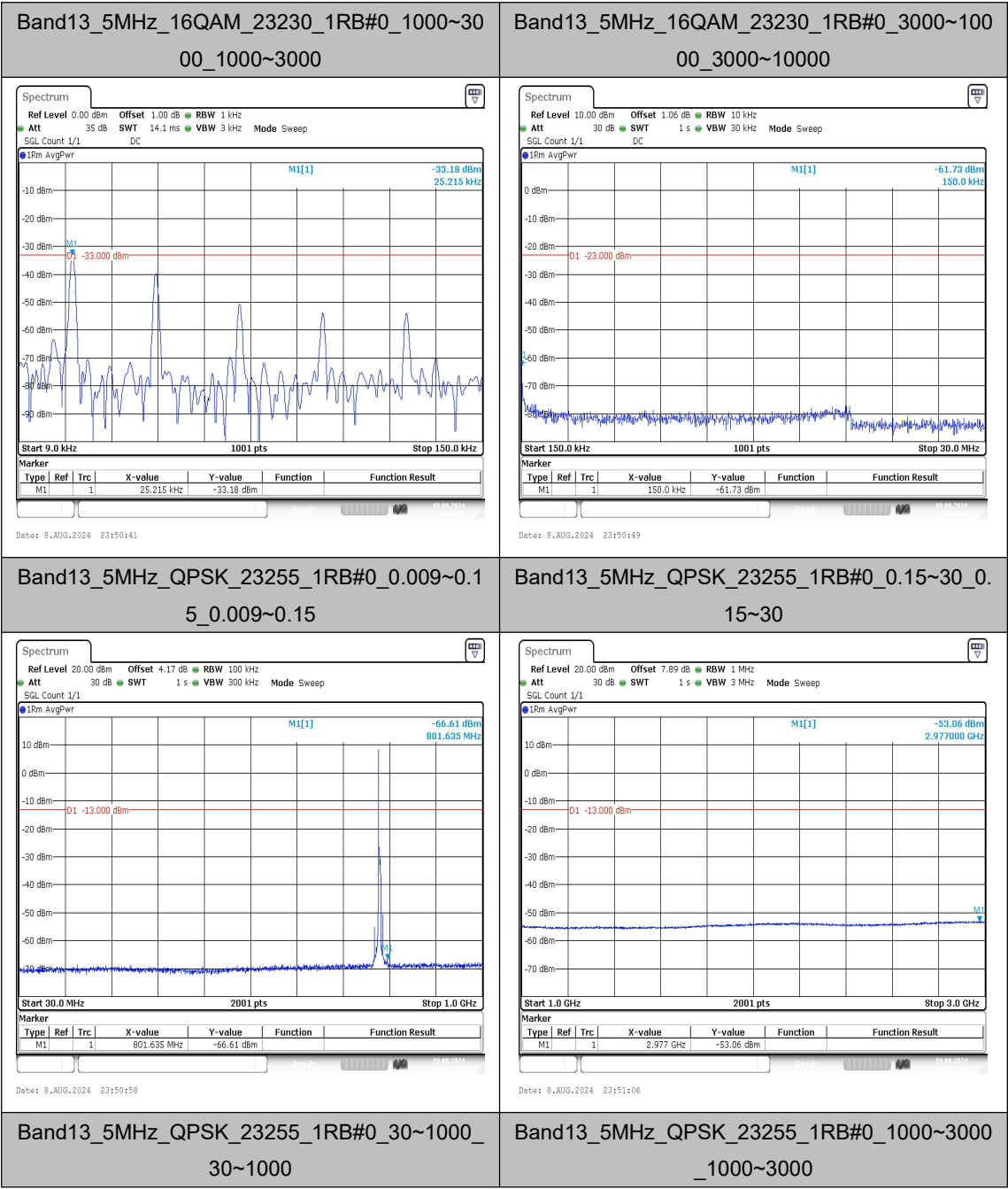
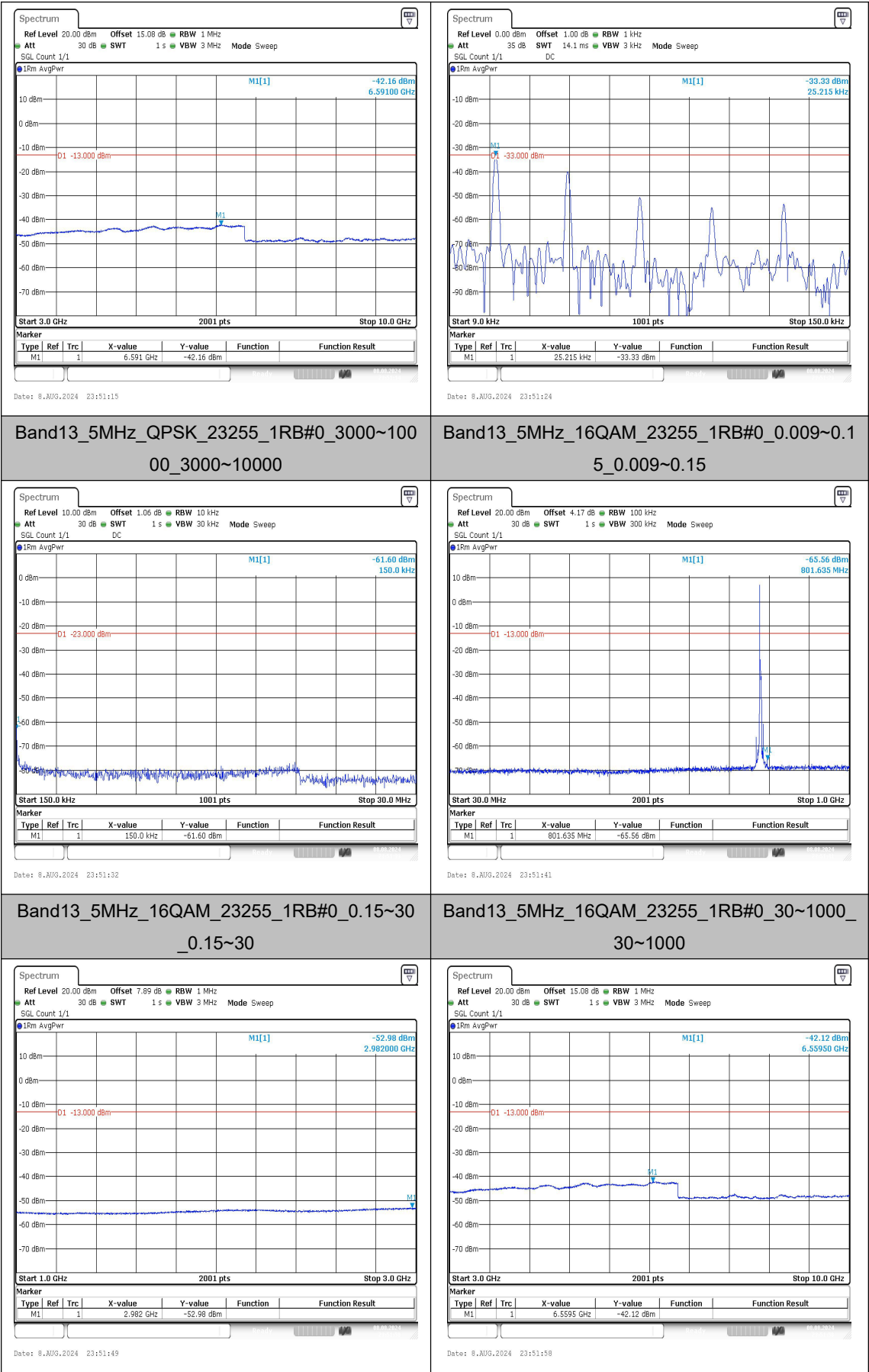
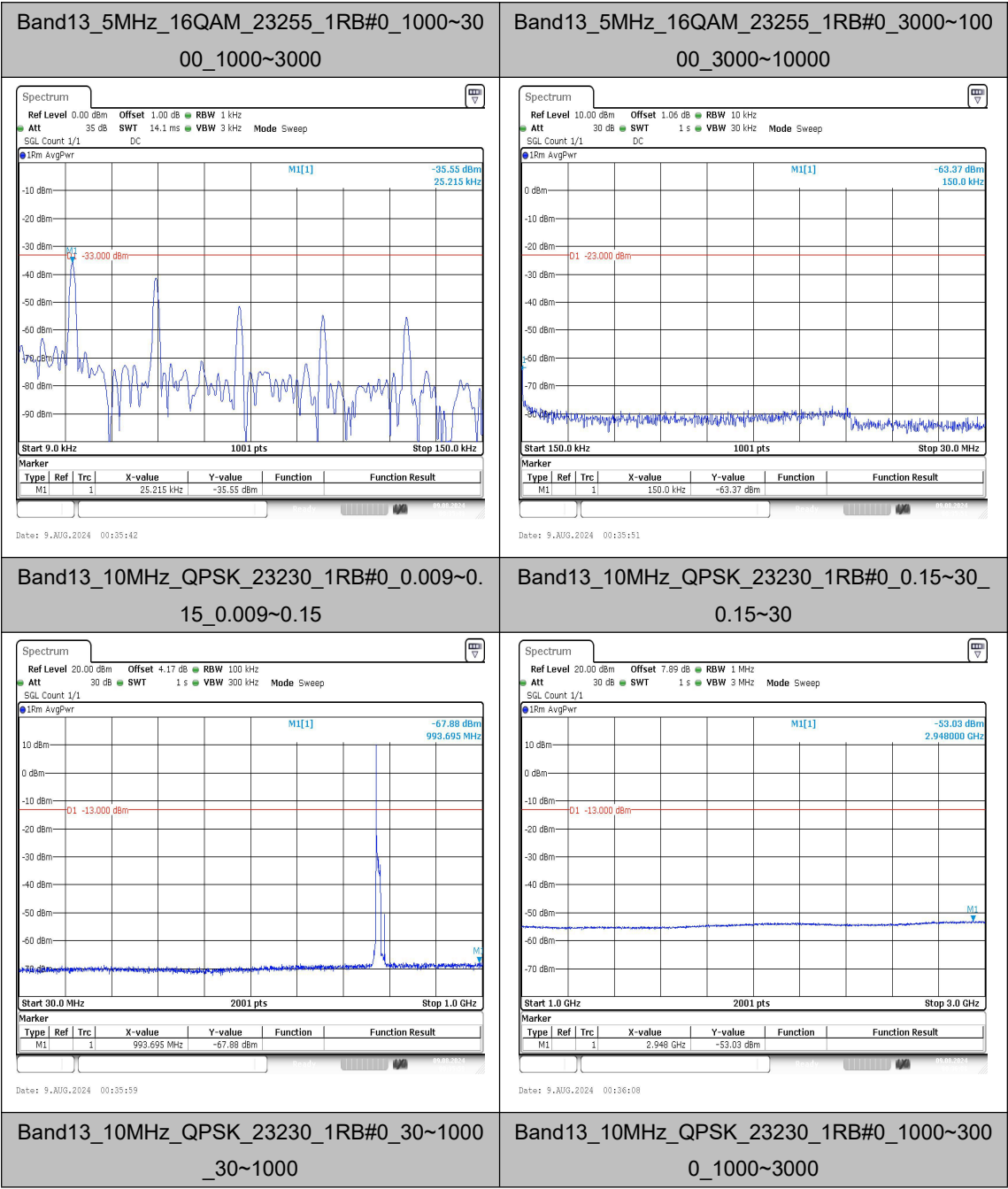
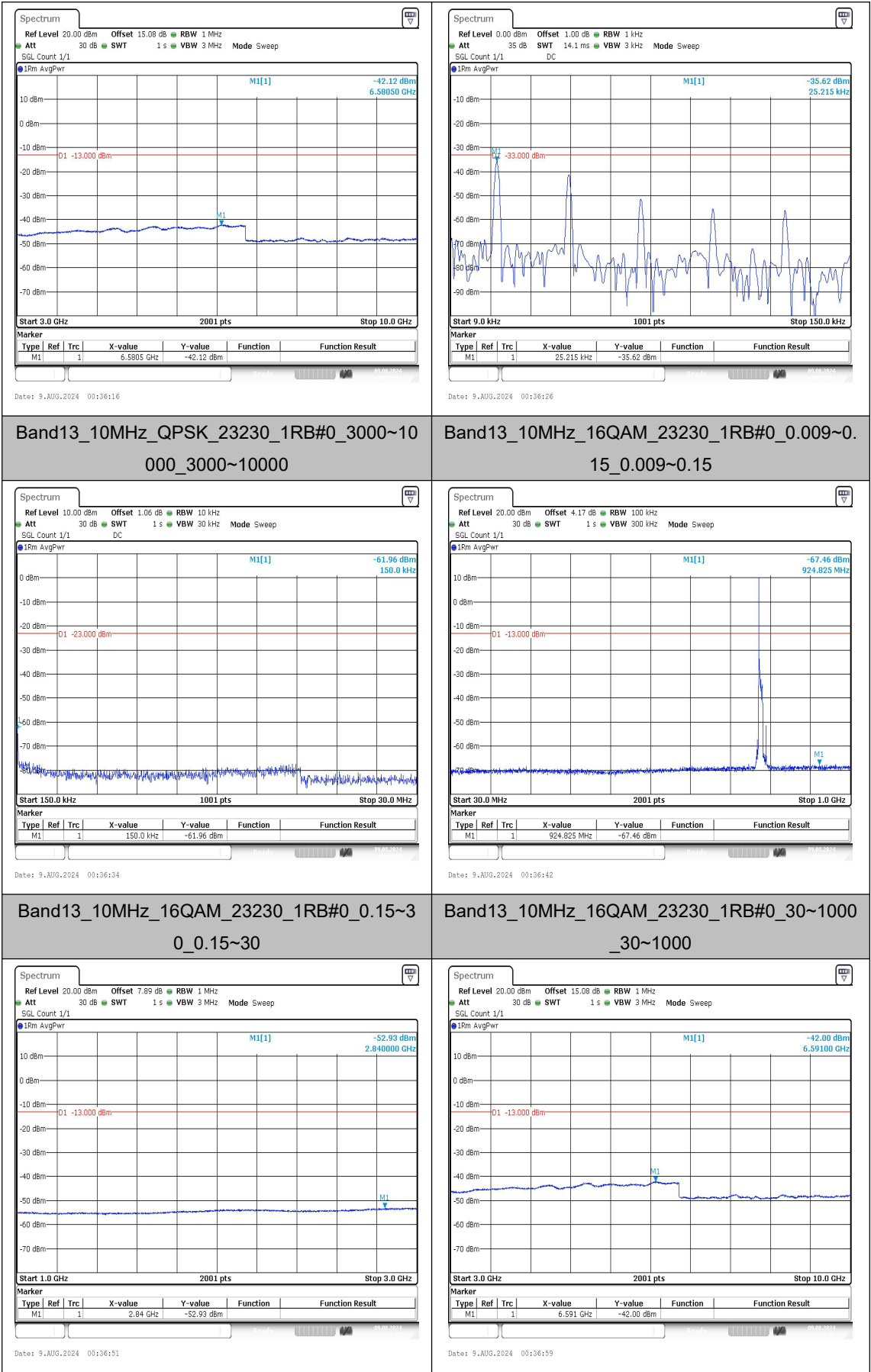












Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000	Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	4.85	0.006222	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	8.85	0.011353	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	4.62	0.005927	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-6.21	-0.007967	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	11.20	0.014368	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	26.56	0.034073	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	4.98	0.006368	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	8.10	0.010358	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-7.55	-0.009655	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-47.46	-0.060691	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-37.85	-0.048402	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-21.74	-0.027801	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	9.87	0.012581	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	9.54	0.012161	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-12.65	-0.016125	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-19.56	-0.024933	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-6.88	-0.008770	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	10.54	0.013435	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-6.67	-0.008529	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	15.46	0.019770	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	34.70	0.044373	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	6.62	0.008465	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	17.72	0.022660	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	32.40	0.041432	±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	2.07	0.002656	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-4.68	-0.006004	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-6.08	-0.007800	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-7.78	-0.009981	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-7.00	-0.008980	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	20	-7.82	-0.010032	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-6.61	-0.008480	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-7.61	-0.009763	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-6.55	-0.008403	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	40.57	0.052046	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	49.85	0.063951	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	1.59	0.002040	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	9.20	0.011802	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	13.16	0.016883	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	16.92	0.021706	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	21.43	0.027492	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	23.93	0.030699	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	27.49	0.035266	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-18.24	-0.023325	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-26.69	-0.034130	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-33.00	-0.042199	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-36.11	-0.046176	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-40.53	-0.051829	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-42.20	-0.053964	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-45.18	-0.057775	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-44.79	-0.057276	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-46.92	-0.060000	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-9.98	-0.012762	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	2.46	0.003146	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	8.68	0.011100	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	15.95	0.020396	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	20.71	0.026483	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	29.11	0.037225	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	32.57	0.041650	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	35.73	0.045691	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	40.00	0.051151	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-27.22	-0.034697	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-42.20	-0.053792	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-51.71	-0.065915	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-55.00	-0.070108	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-9.04	-0.011523	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-12.63	-0.016099	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-13.02	-0.016597	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-17.48	-0.022282	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-19.73	-0.025150	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	23.50	0.029955	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	32.09	0.040905	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	40.93	0.052173	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	45.19	0.057604	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	50.47	0.064334	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	4.03	0.005137	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	6.45	0.008222	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	10.16	0.012951	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	12.99	0.016558	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-5.56	-0.007110	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	12.49	0.015972	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	20.83	0.026637	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	27.31	0.034923	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	34.15	0.043670	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	40.48	0.051765	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	47.24	0.060409	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	51.40	0.065729	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	5.46	0.006982	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	42.64	0.054527	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	52.34	0.066931	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	5.72	0.007315	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	11.87	0.015179	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	17.05	0.021803	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	19.94	0.025499	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	27.59	0.035281	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	32.16	0.041125	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	36.06	0.046113	±2.5	PASS