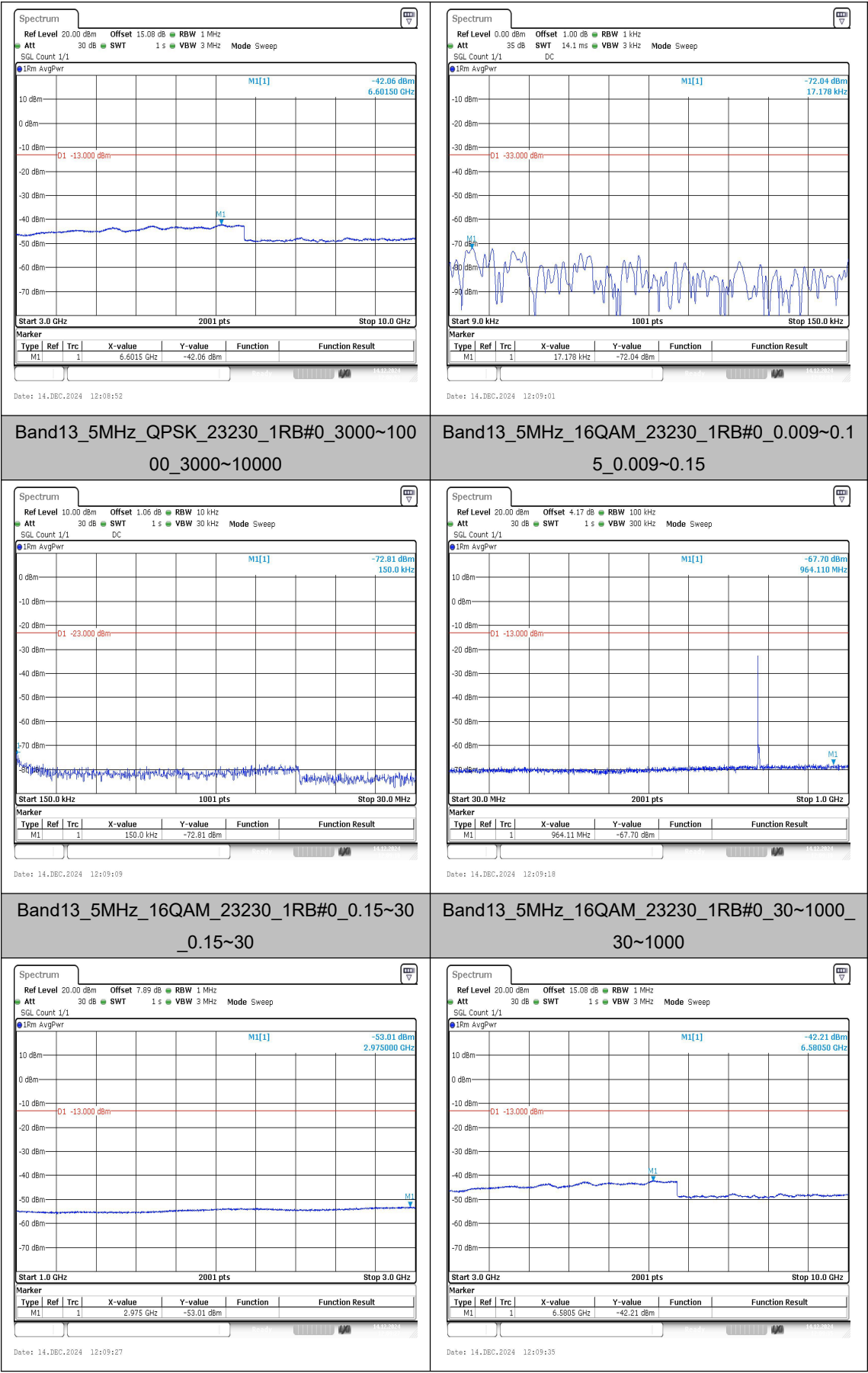
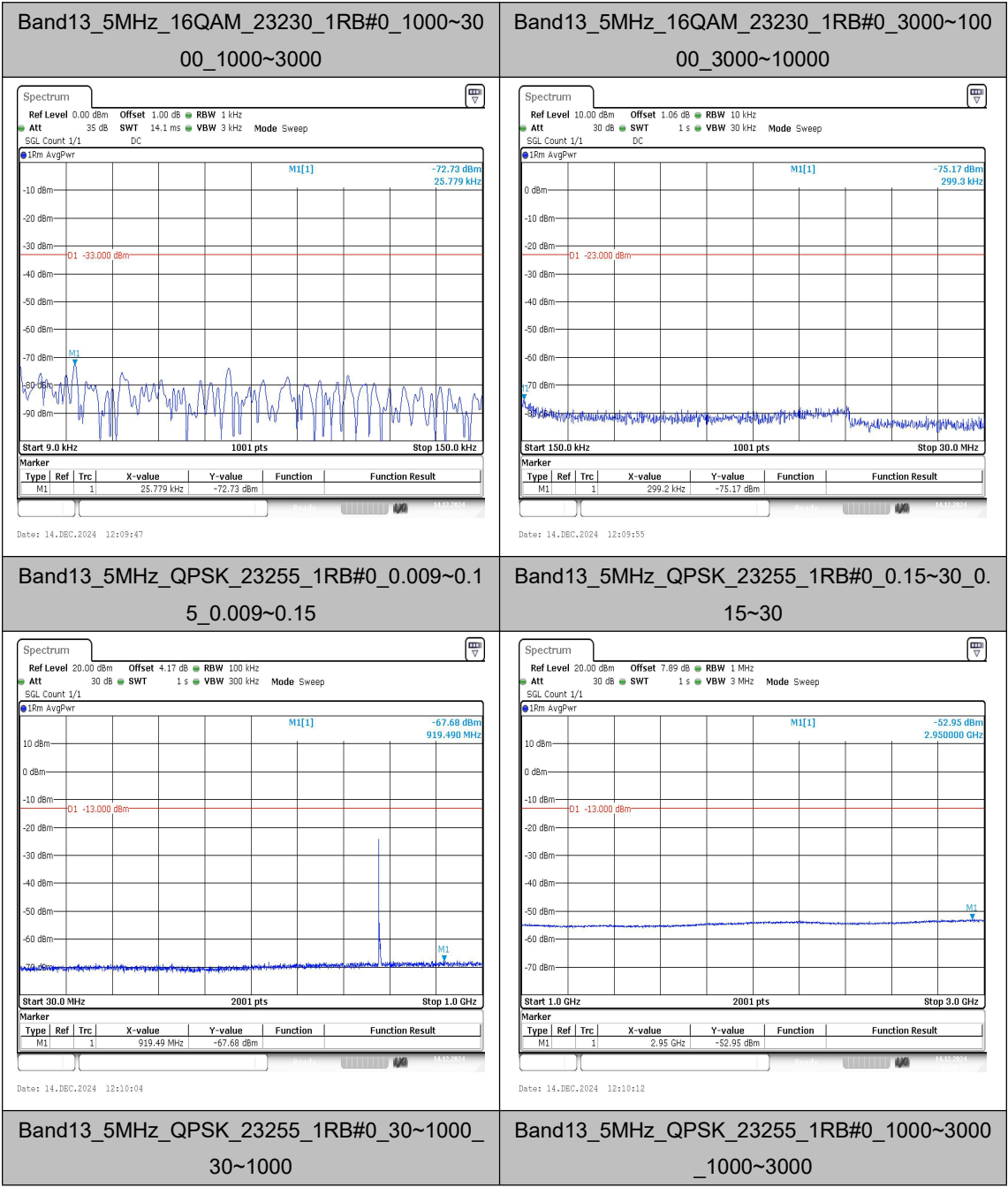
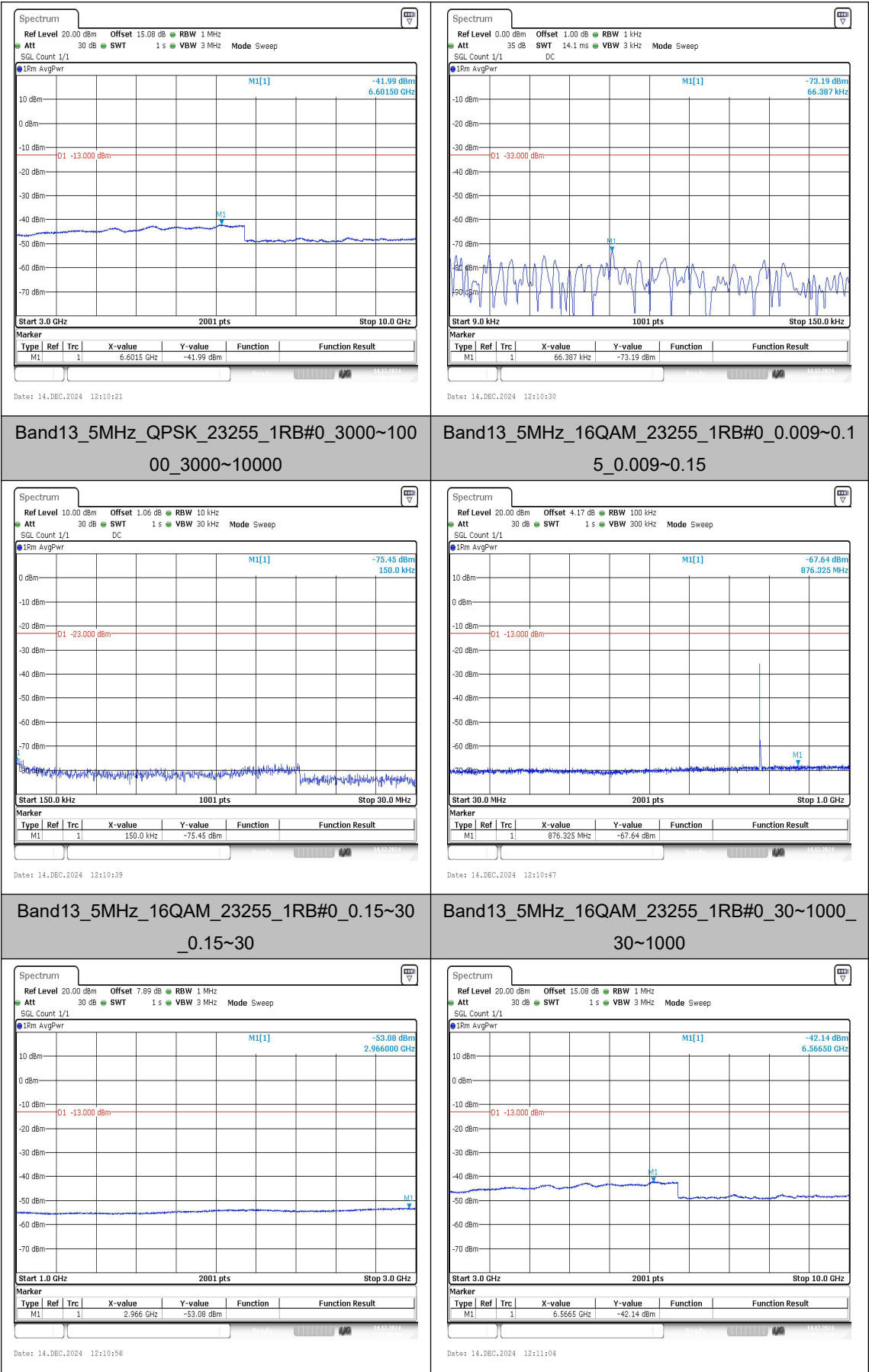
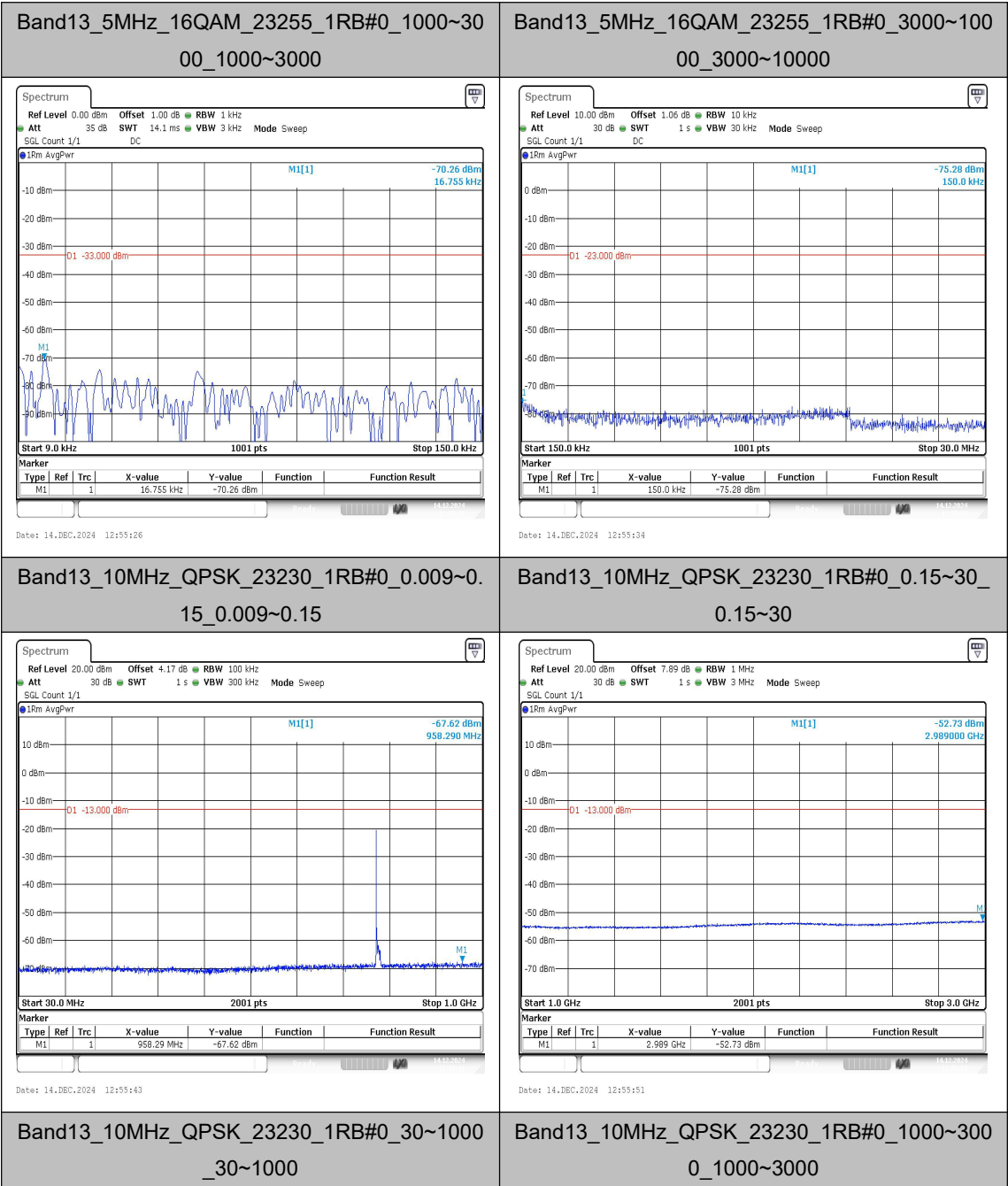
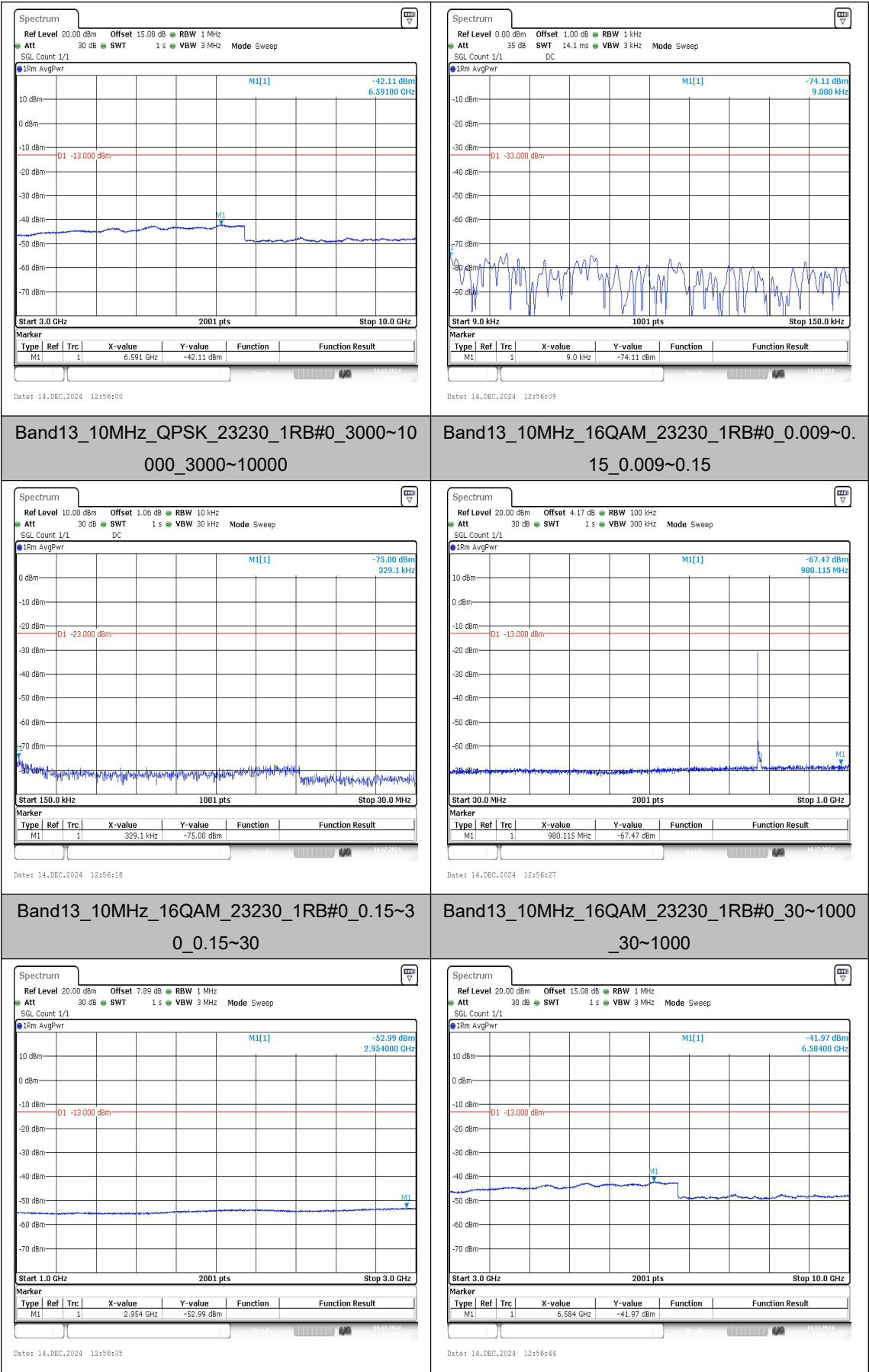












Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000	Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000
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Appendix F: Frequency Stability

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	23.52	0.030173	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-7.62	-0.009775	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-29.21	-0.037473	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-51.86	-0.066530	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-43.40	-0.055677	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-27.55	-0.035343	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	10.61	0.013568	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	8.24	0.010537	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-14.18	-0.018133	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-8.48	-0.010844	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	5.31	0.006790	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	21.90	0.028005	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	11.74	0.014965	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	18.35	0.023391	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	27.07	0.034506	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-10.16	-0.012951	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	15.65	0.019949	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	28.44	0.036252	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-6.29	-0.008043	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-51.64	-0.066036	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-46.16	-0.059028	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	30.40	0.038875	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	59.14	0.075627	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	26.71	0.034156	±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	-37.75	-0.048428	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-42.72	-0.054804	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-37.79	-0.048480	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-27.61	-0.035420	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-40.53	-0.051995	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	20	-38.22	-0.049031	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-44.96	-0.057678	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-52.77	-0.067697	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-51.78	-0.066427	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-38.22	-0.049031	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-32.04	-0.041103	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-29.30	-0.037588	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-24.25	-0.031110	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-13.70	-0.017575	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-35.58	-0.045645	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-4.45	-0.005709	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	9.91	0.012713	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	6.39	0.008198	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-18.65	-0.023849	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-29.83	-0.038146	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-36.52	-0.046701	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-52.13	-0.066662	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-7.00	-0.008951	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	6.84	0.008747	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	10.99	0.014054	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	11.54	0.014757	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	3.98	0.005090	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	34.55	0.044182	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	41.79	0.053440	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	47.65	0.060934	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	52.99	0.067762	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	6.12	0.007826	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-4.75	-0.006074	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	6.47	0.008274	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-13.16	-0.016829	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-12.29	-0.015716	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	30.60	0.039006	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	29.83	0.038024	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	29.93	0.038152	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	34.88	0.044461	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	39.64	0.050529	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	37.67	0.048018	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	43.20	0.055067	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	11.77	0.015003	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-24.06	-0.030669	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	48.98	0.062435	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	14.83	0.018904	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	29.17	0.037183	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	34.58	0.044079	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-49.55	-0.063161	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-9.16	-0.011676	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	30.16	0.038445	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	55.09	0.070223	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	20.74	0.026437	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-17.34	-0.022174	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	9.84	0.012583	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	8.24	0.010537	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	17.81	0.022775	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	51.44	0.065780	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	20.30	0.025959	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	36.86	0.047136	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	2.96	0.003785	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	21.41	0.027379	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	43.17	0.055205	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	8.27	0.010575	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	14.88	0.019028	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	22.95	0.029348	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	30.64	0.039182	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	50.07	0.064028	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	45.46	0.058133	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	48.75	0.062340	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	10.69	0.013670	±2.5	PASS