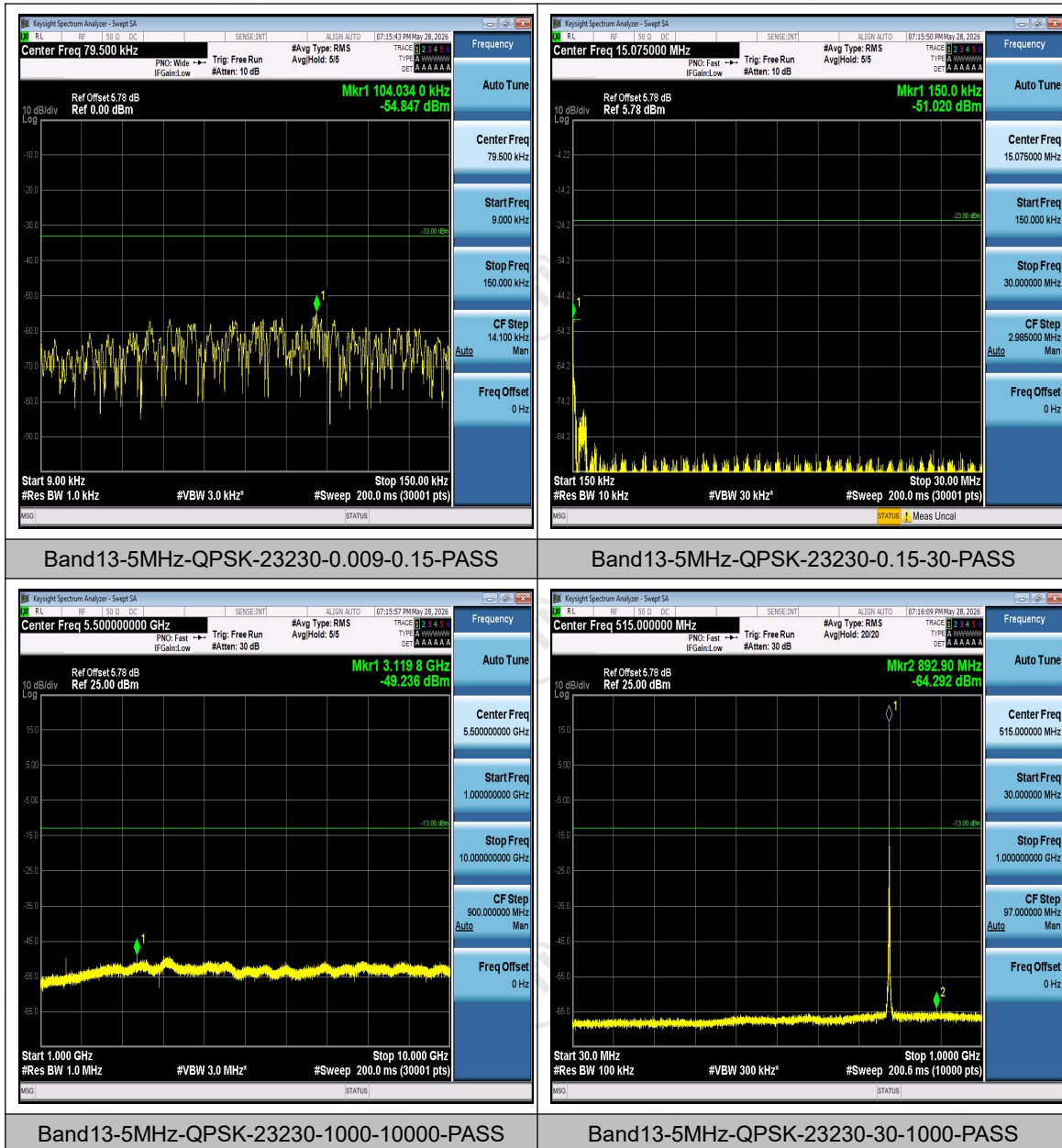
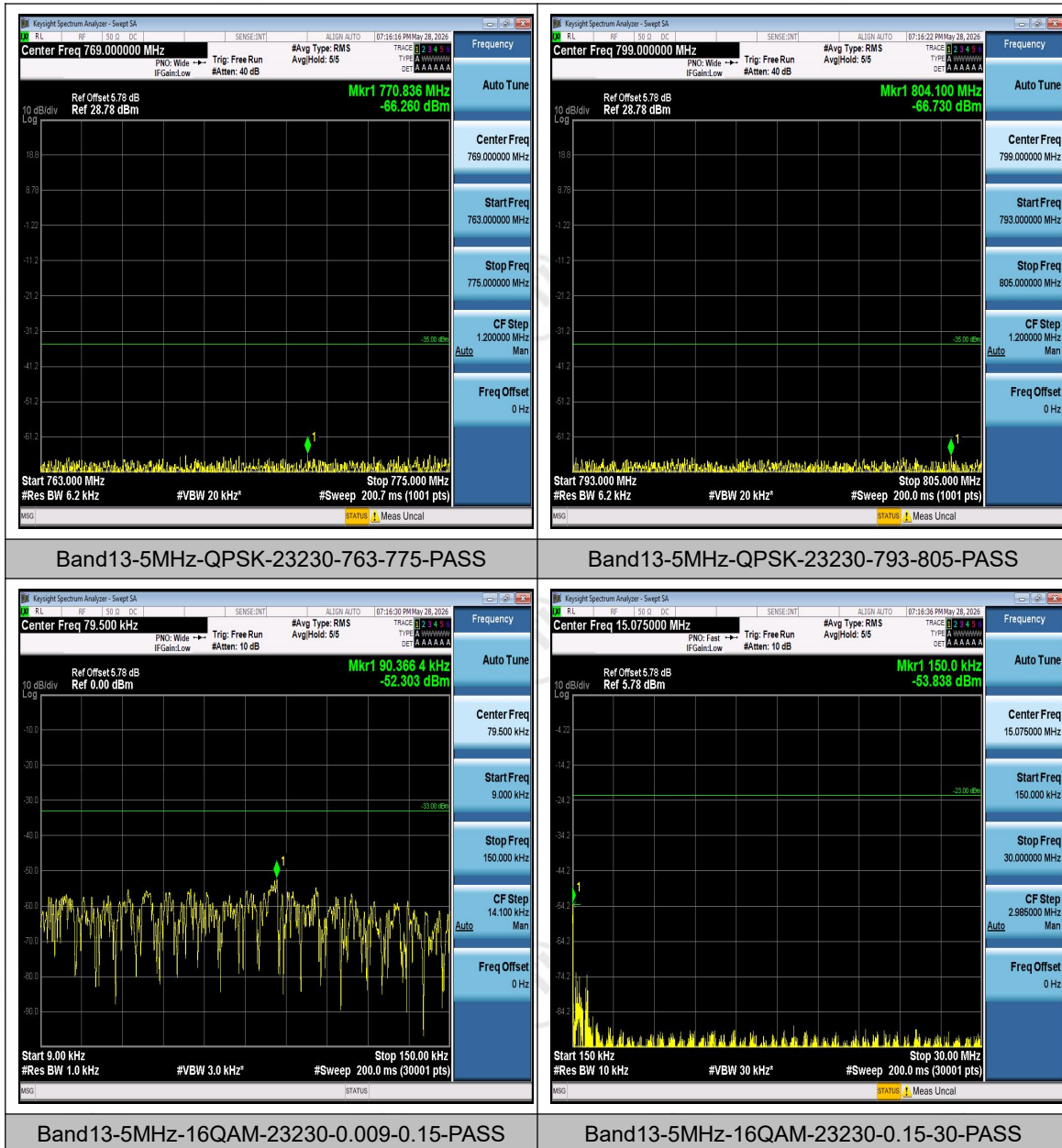
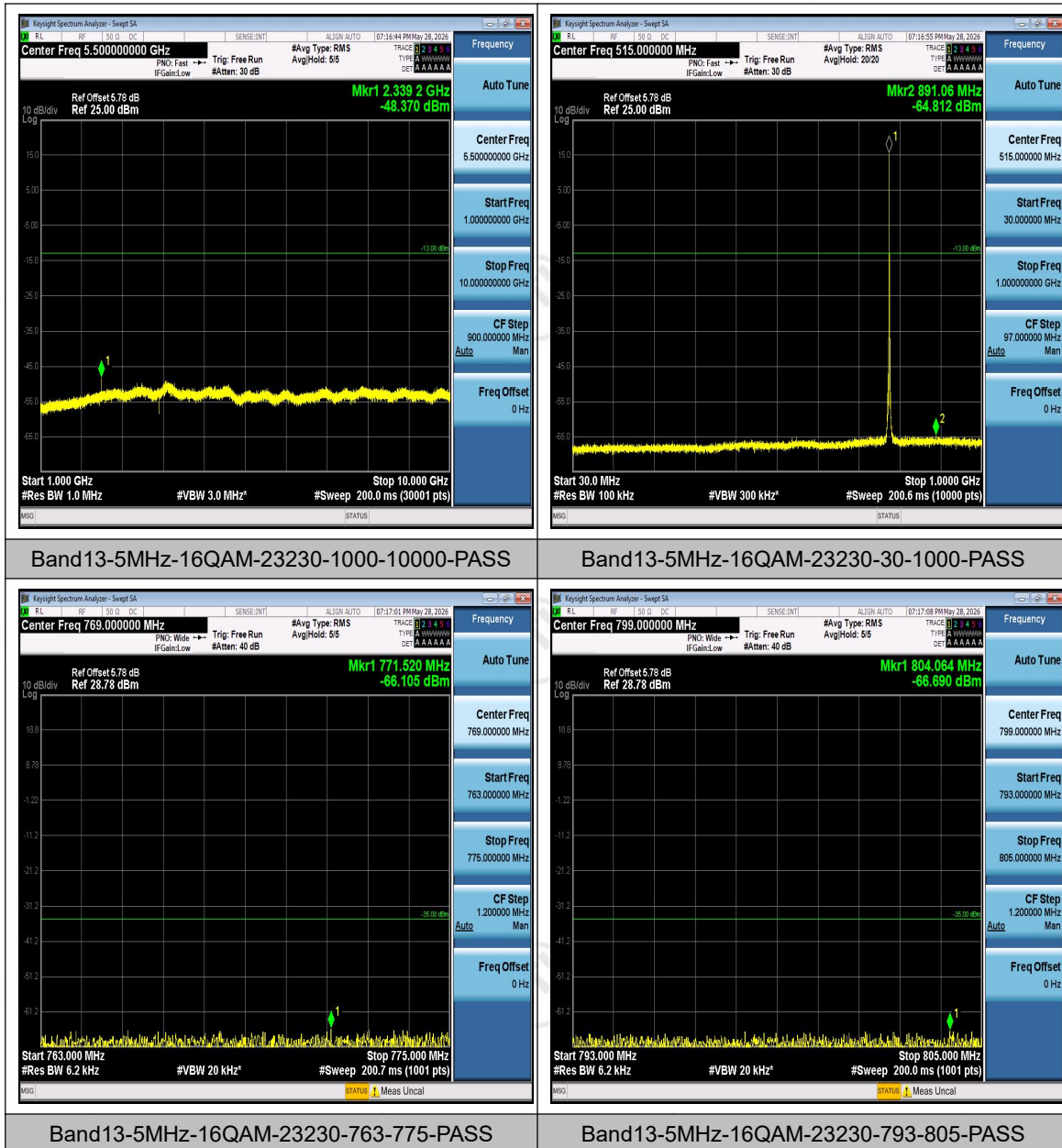
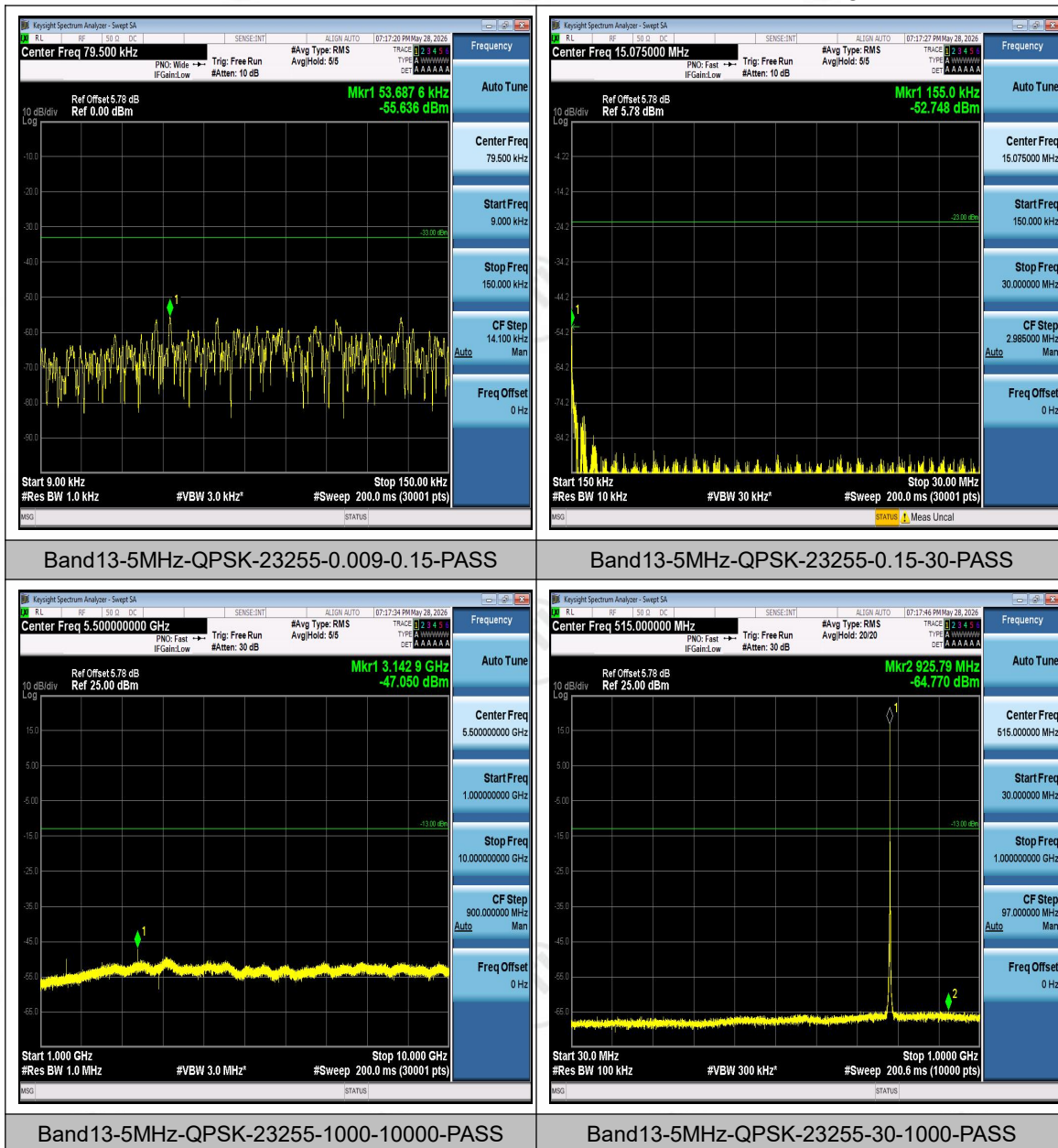
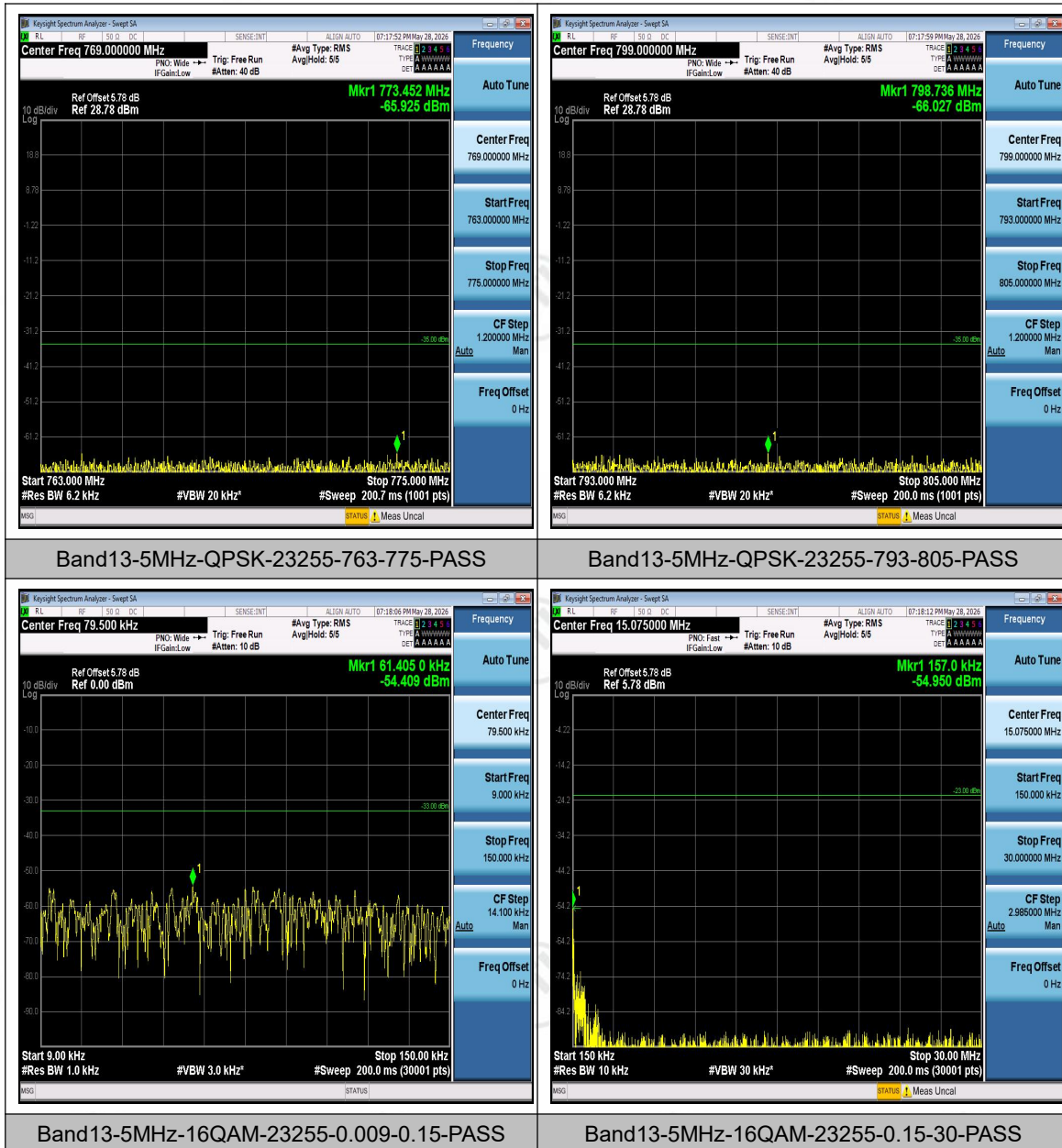


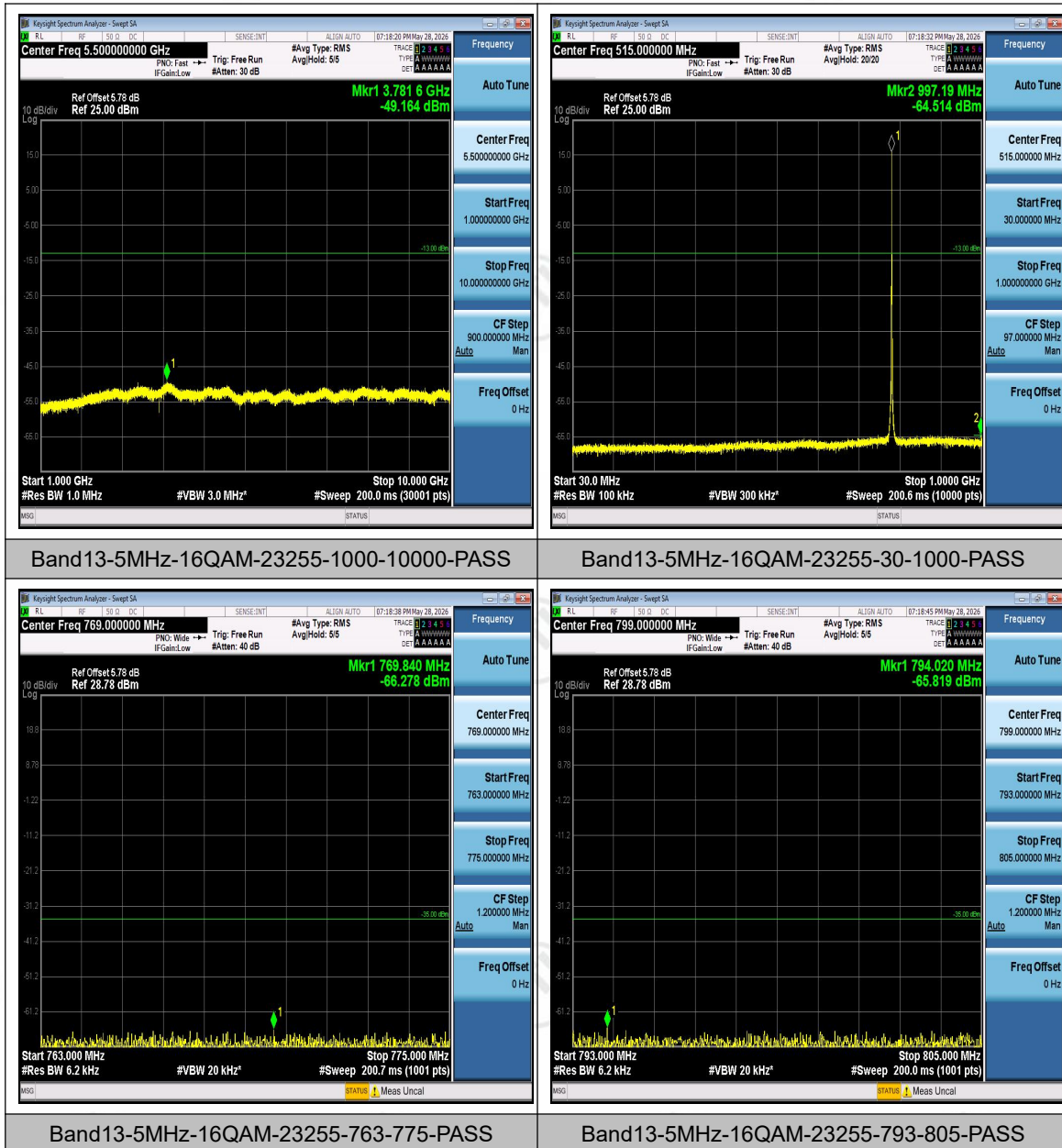












Appendix F: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	VN	NT	6.31	0.008095	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	VL	NT	8.24	0.010571	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	VH	NT	7.45	0.009557	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VN	NT	6.35	0.008146	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VL	NT	6.49	0.008326	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	VH	NT	5.84	0.007492	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VN	NT	-13.28	-0.016982	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VL	NT	-10.96	-0.014015	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	VH	NT	-11.00	-0.014066	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VN	NT	-8.96	-0.011458	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VL	NT	-9.73	-0.012442	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	VH	NT	-9.61	-0.012289	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VN	NT	9.11	0.011612	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VL	NT	-14.46	-0.018432	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	VH	NT	-14.38	-0.018330	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	VN	NT	-14.58	-0.018585	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	VL	NT	-13.33	-0.016992	±2.5	PASS

Band13	5MHz	23255	16QAM	6	0	High	VH	NT	-13.32	-0.016 979	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VN	NT	-3.49	-0.004 463	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VL	NT	-3.00	-0.003 836	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VH	NT	-2.96	-0.003 785	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VN	NT	-3.29	-0.004 207	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VL	NT	-3.69	-0.004 719	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	VH	NT	-3.86	-0.004 936	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	NV	-30	7.30	0.0093 65	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	-20	7.81	0.0100 19	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	-10	7.25	0.0093 01	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	0	7.67	0.0098 40	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	10	6.47	0.0083 00	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	20	6.48	0.0083 13	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	30	6.61	0.0084 80	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	40	6.48	0.0083 13	±2.5	PASS
Band13	5MHz	23205	QPSK	6	0	Low	NV	50	6.59	0.0084 54	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-30	6.37	0.0081 72	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-20	5.98	0.0076 72	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	-10	5.62	0.0072 10	±2.5	PASS

Band13	5MHz	23205	16QAM	6	0	Low	NV	0	5.48	0.0070 30	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	10	5.36	0.0068 76	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	20	5.35	0.0068 63	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	30	5.26	0.0067 48	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	40	5.64	0.0072 35	±2.5	PASS
Band13	5MHz	23205	16QAM	6	0	Low	NV	50	5.32	0.0068 25	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-30	-10.16	-0.012 992	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-20	-9.64	-0.012 327	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	-10	-9.88	-0.012 634	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	0	-9.81	-0.012 545	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	10	-9.90	-0.012 660	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	20	-9.98	-0.012 762	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	30	-9.78	-0.012 506	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	40	-9.84	-0.012 583	±2.5	PASS
Band13	5MHz	23230	QPSK	6	0	Low	NV	50	-9.01	-0.011 522	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-30	-9.33	-0.011 931	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-20	-9.30	-0.011 893	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	-10	-9.60	-0.012 276	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	0	-9.14	-0.011 688	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	10	-9.57	-0.012 238	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	20	-9.77	-0.012 494	±2.5	PASS

Band13	5MHz	23230	16QAM	6	0	Low	NV	30	-9.27	-0.011 854	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	40	-9.84	-0.012 583	±2.5	PASS
Band13	5MHz	23230	16QAM	6	0	Low	NV	50	-9.20	-0.011 765	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-30	-13.35	-0.017 017	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-20	-14.09	-0.017 960	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	-10	-14.39	-0.018 343	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	0	-13.73	-0.017 502	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	10	-13.16	-0.016 775	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	20	-13.86	-0.017 667	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	30	-12.99	-0.016 558	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	40	-13.20	-0.016 826	±2.5	PASS
Band13	5MHz	23255	QPSK	6	0	High	NV	50	-13.58	-0.017 310	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-30	-14.08	-0.017 948	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-20	-13.80	-0.017 591	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	-10	-13.70	-0.017 463	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	0	-13.90	-0.017 718	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	10	-13.35	-0.017 017	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	20	-14.20	-0.018 101	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	30	-13.92	-0.017 744	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	40	-15.12	-0.019 273	±2.5	PASS
Band13	5MHz	23255	16QAM	6	0	High	NV	50	-14.02	-0.017 871	±2.5	PASS

Band13	10MHz	23230	QPSK	6	0	Low	NV	-30	-3.03	-0.003 875	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-20	-3.39	-0.004 335	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-10	-2.68	-0.003 427	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	0	-3.75	-0.004 795	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	10	-2.78	-0.003 555	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	20	-3.08	-0.003 939	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	30	-3.45	-0.004 412	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	40	-3.32	-0.004 246	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	50	-3.62	-0.004 629	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-30	-3.83	-0.004 898	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-20	-3.10	-0.003 964	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	-10	-3.46	-0.004 425	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	0	-3.22	-0.004 118	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	10	-5.06	-0.006 471	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	20	-3.52	-0.004 501	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	30	-2.98	-0.003 811	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	40	-3.60	-0.004 604	±2.5	PASS
Band13	10MHz	23230	16QAM	6	0	Low	NV	50	-3.09	-0.003 951	±2.5	PASS

*** End of Report ***