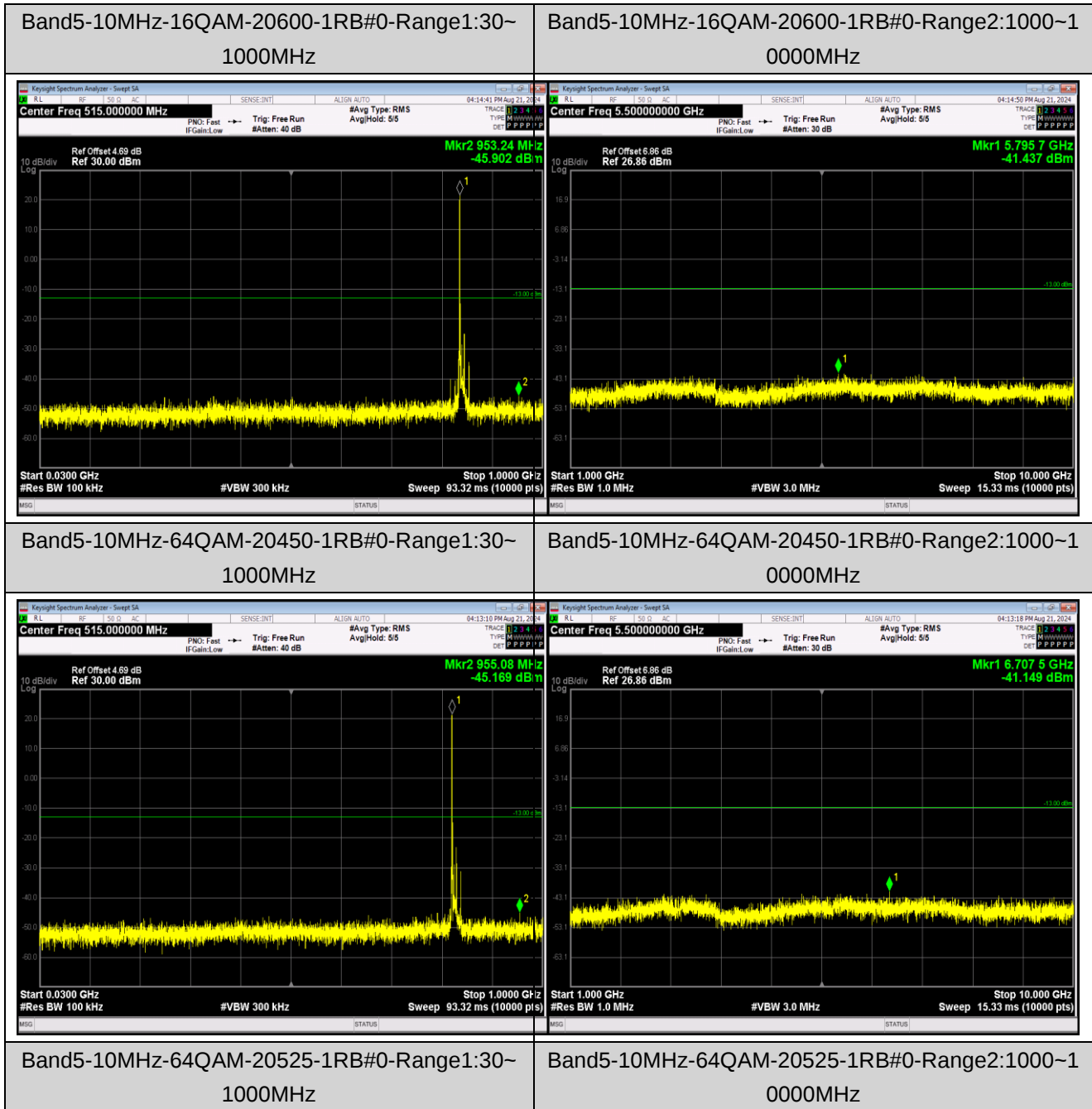
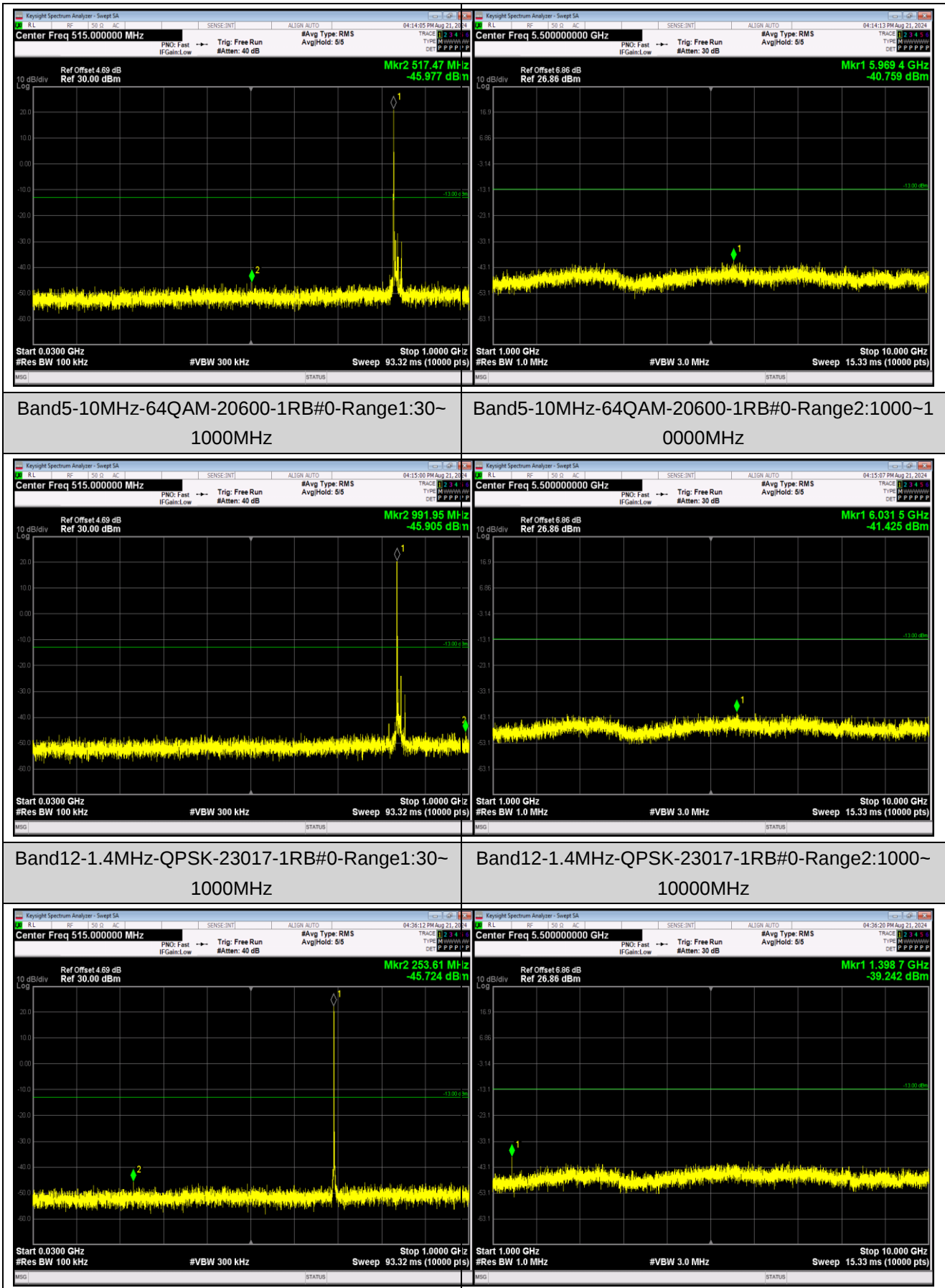
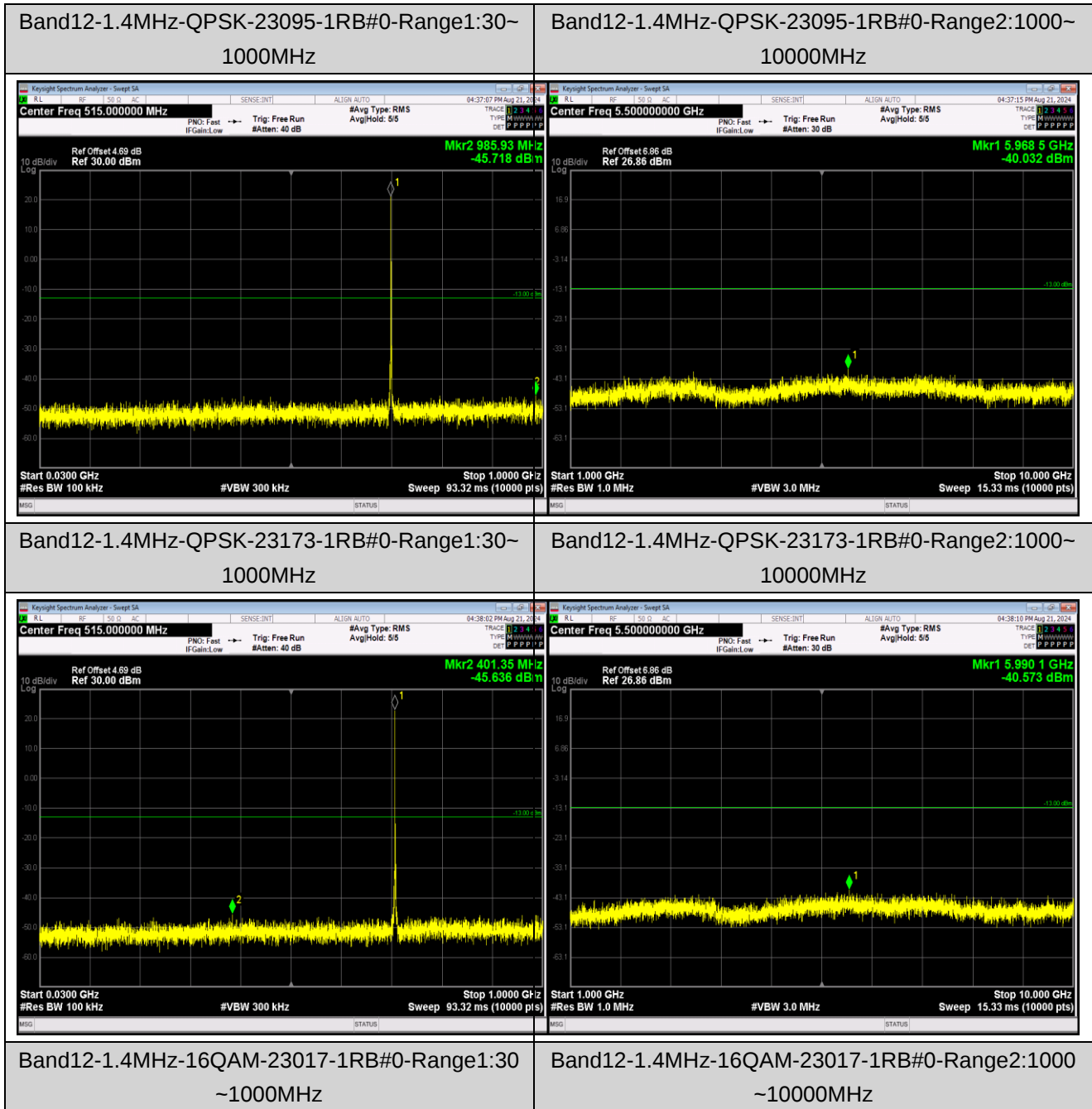
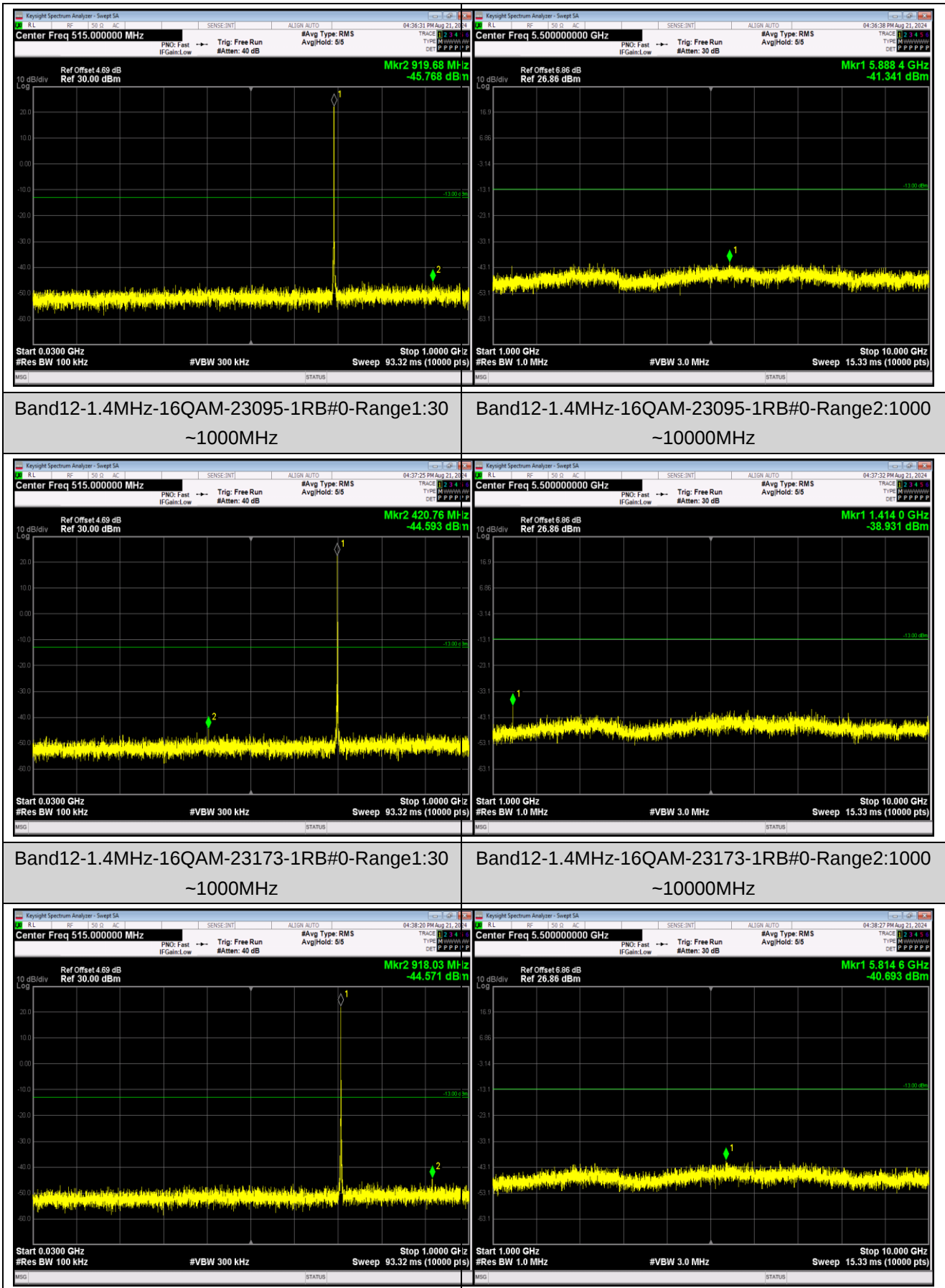
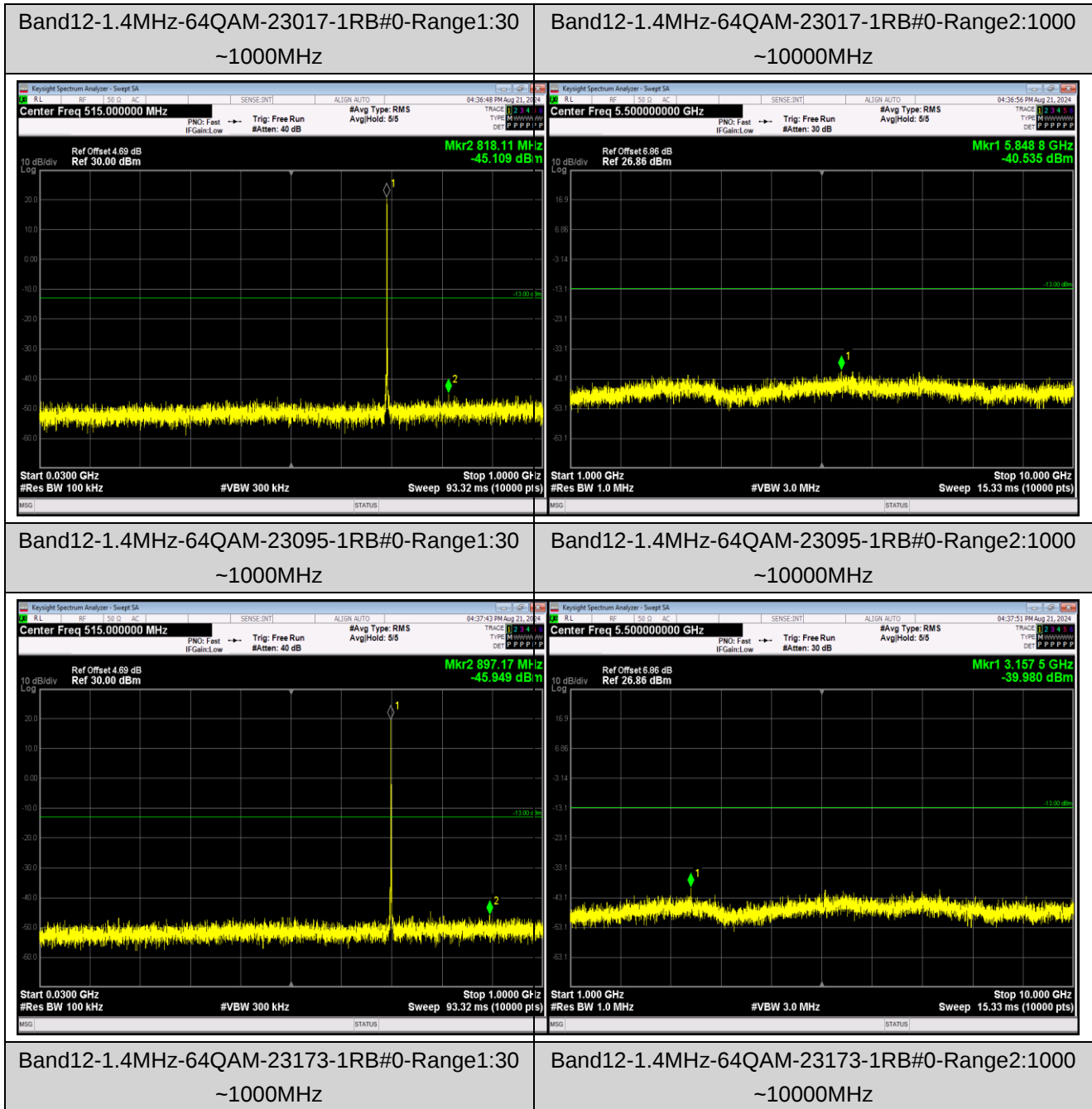


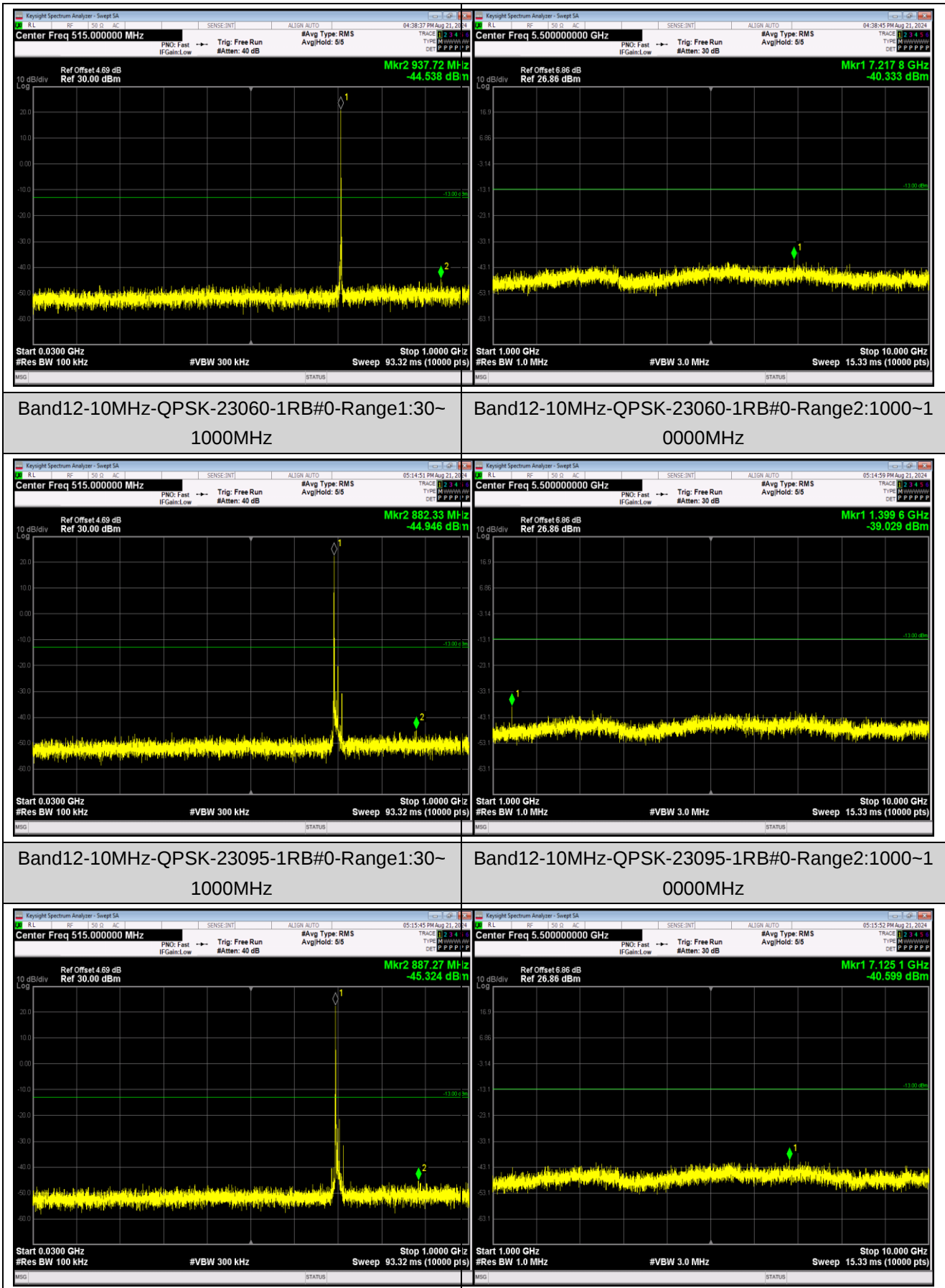


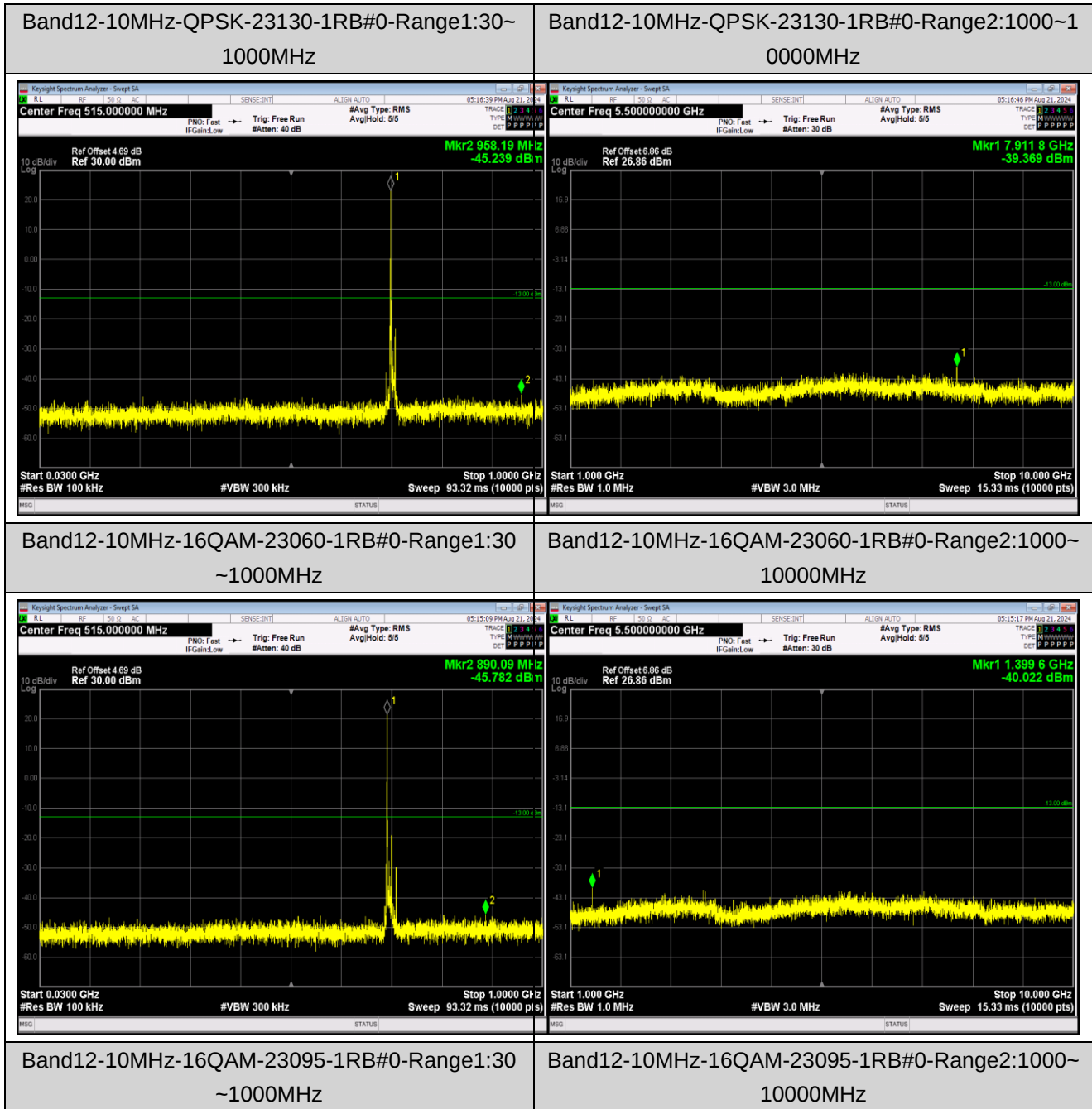


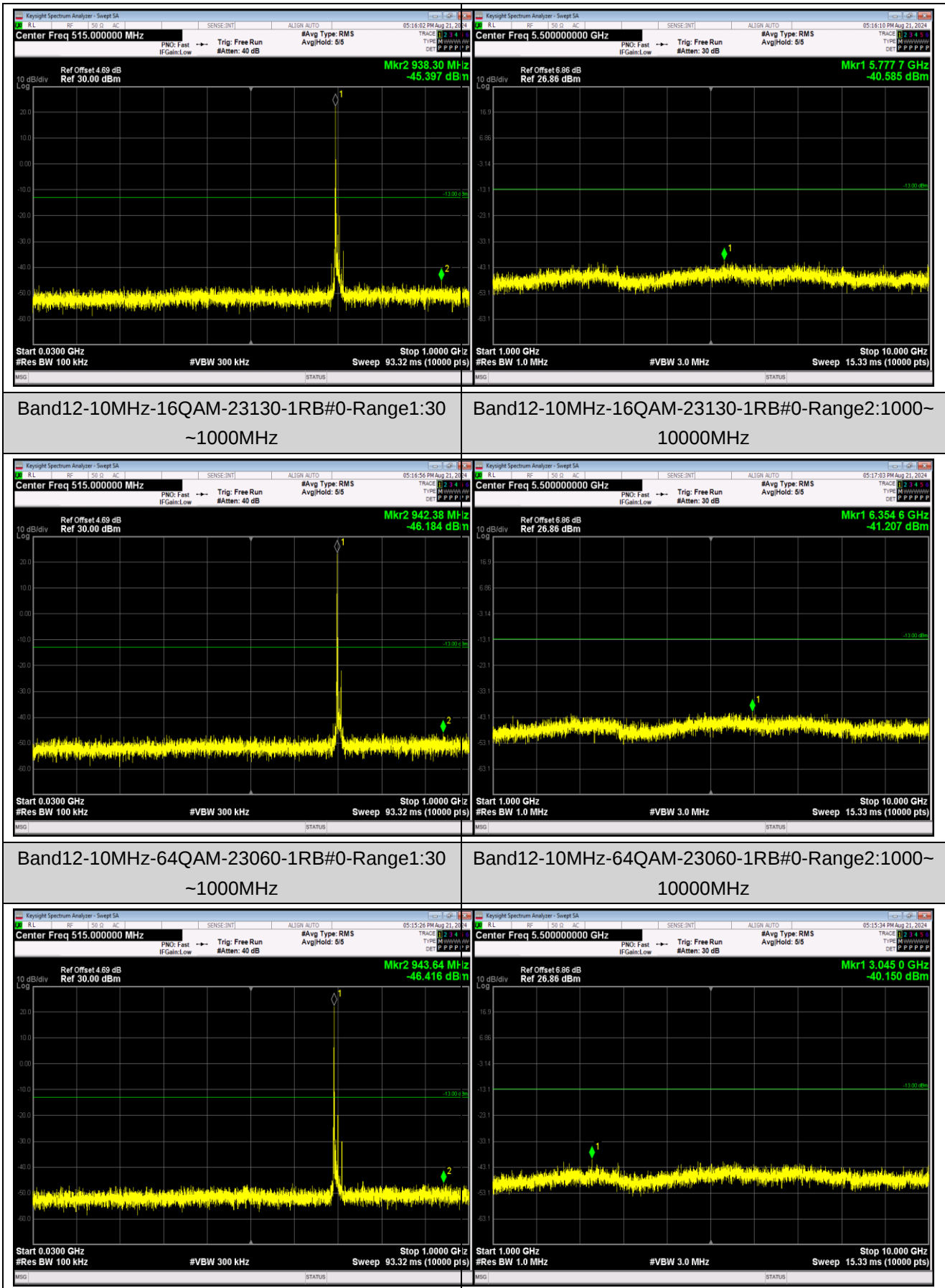


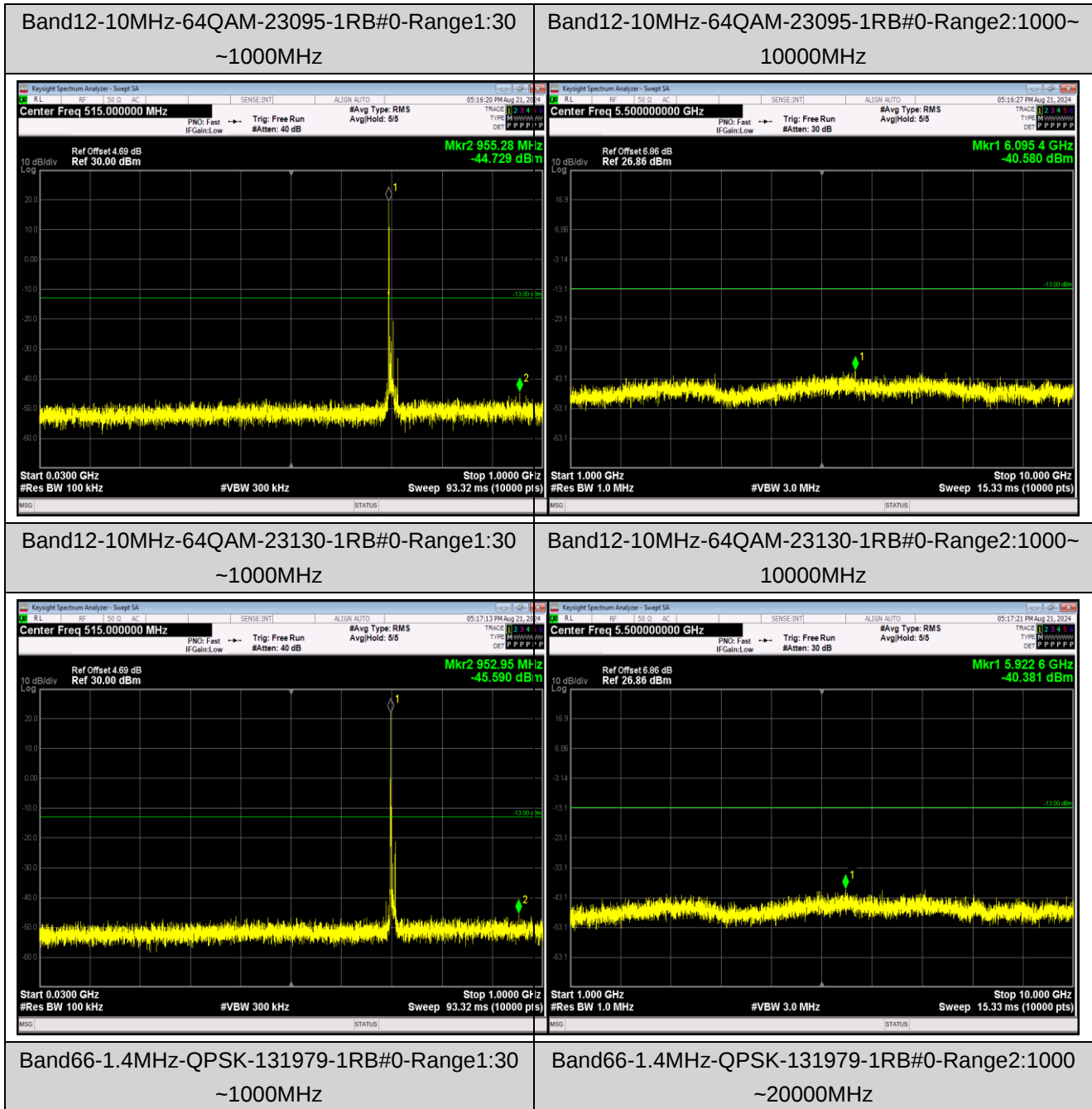


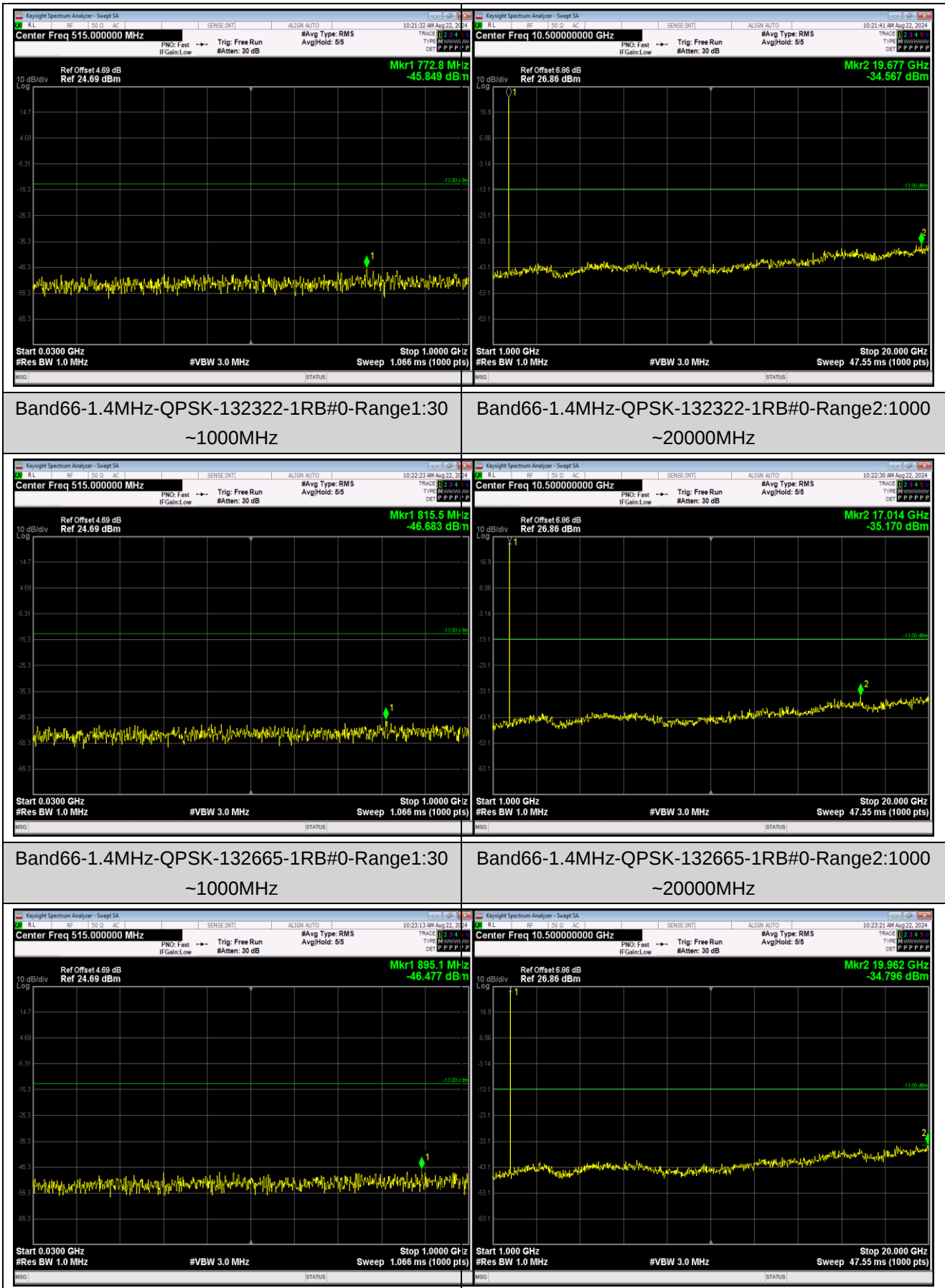


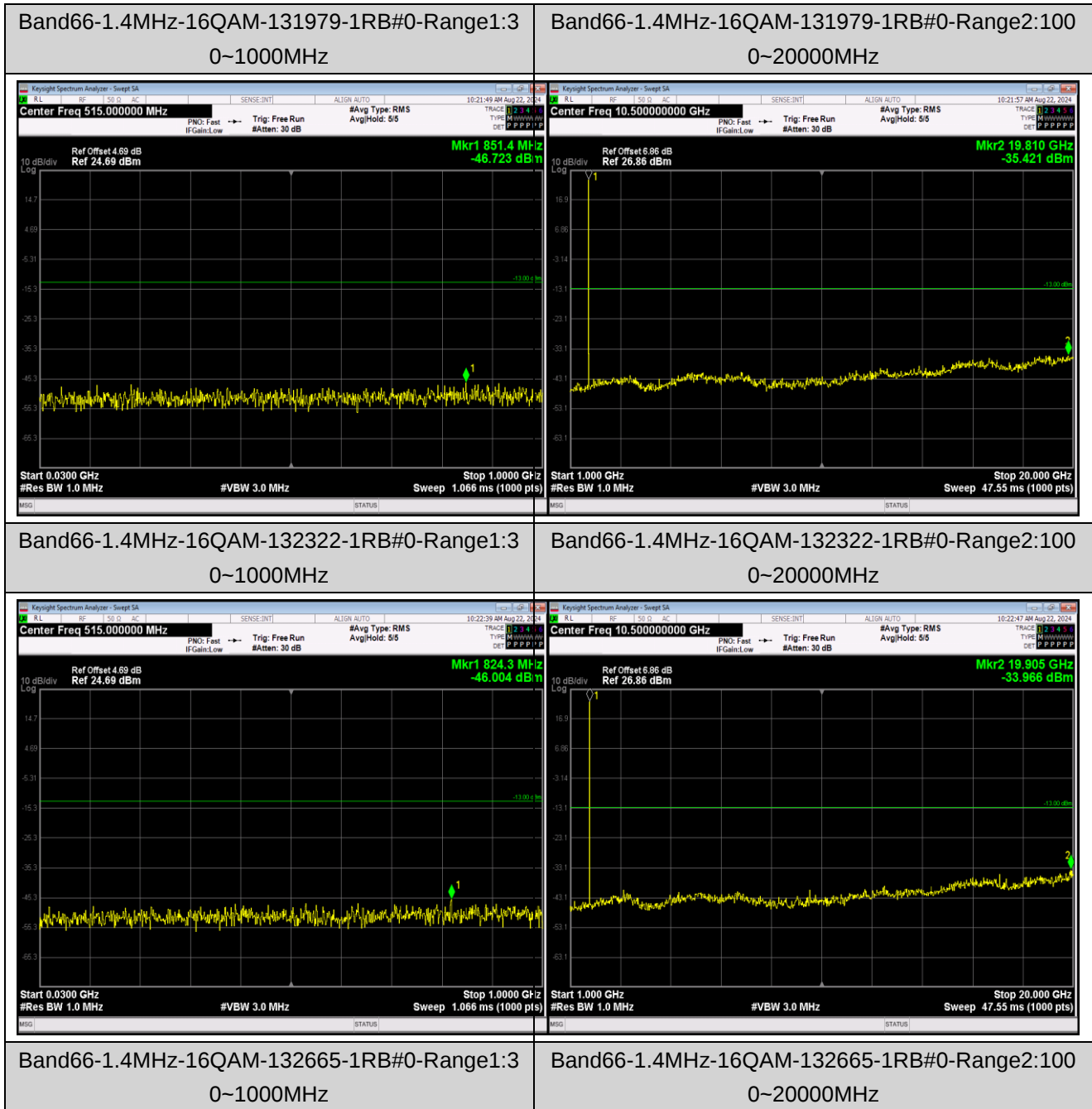


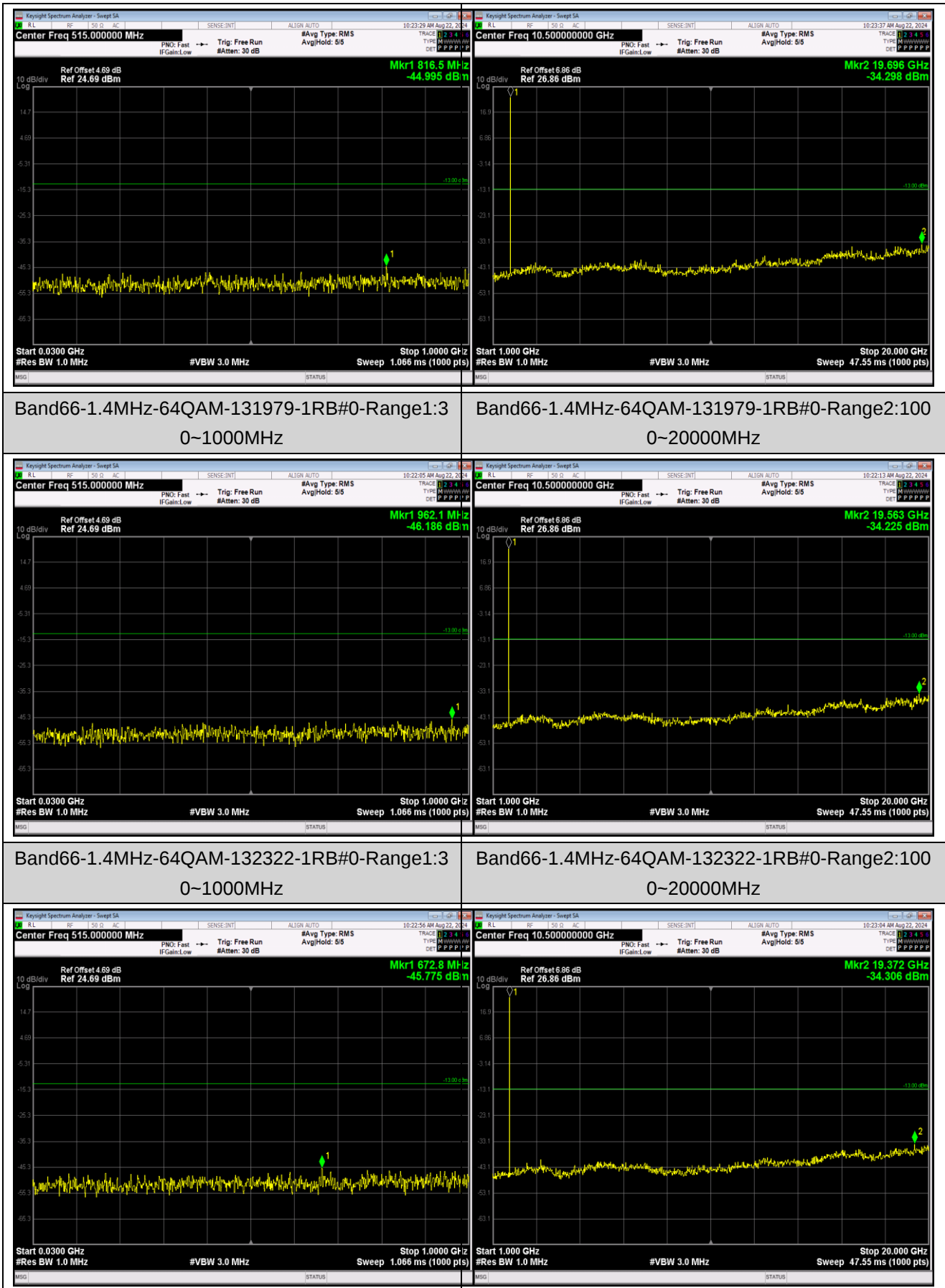


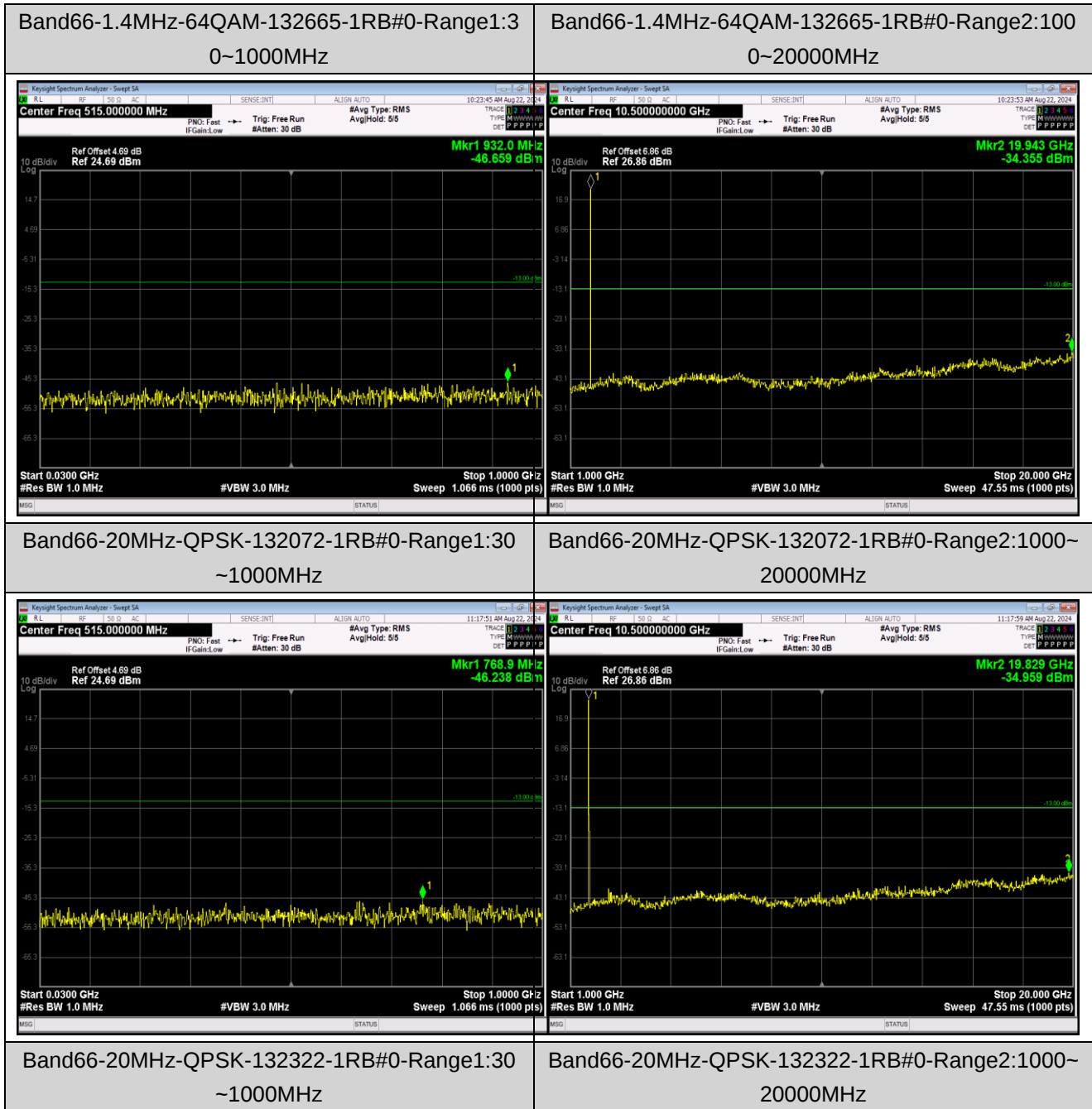


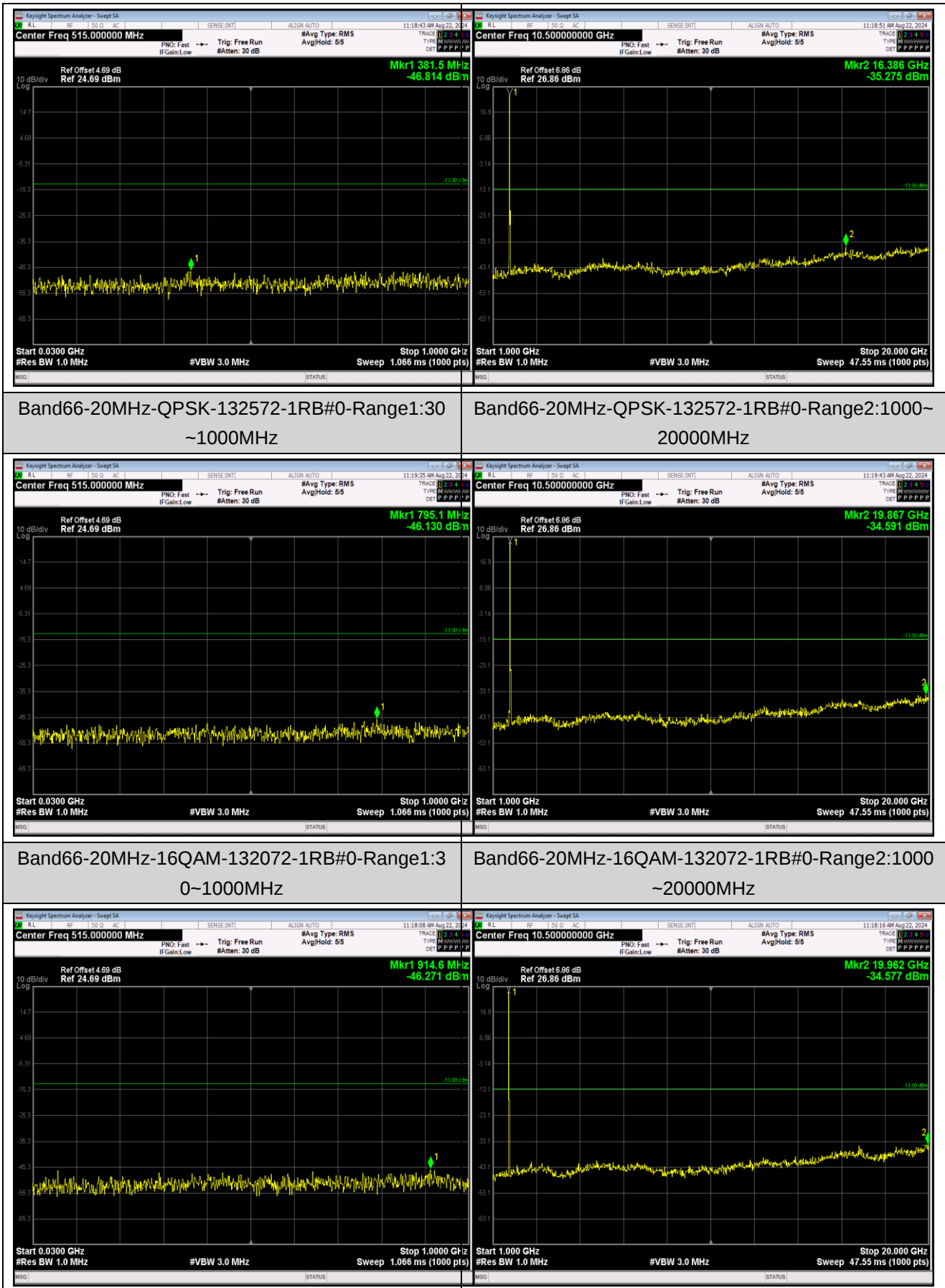


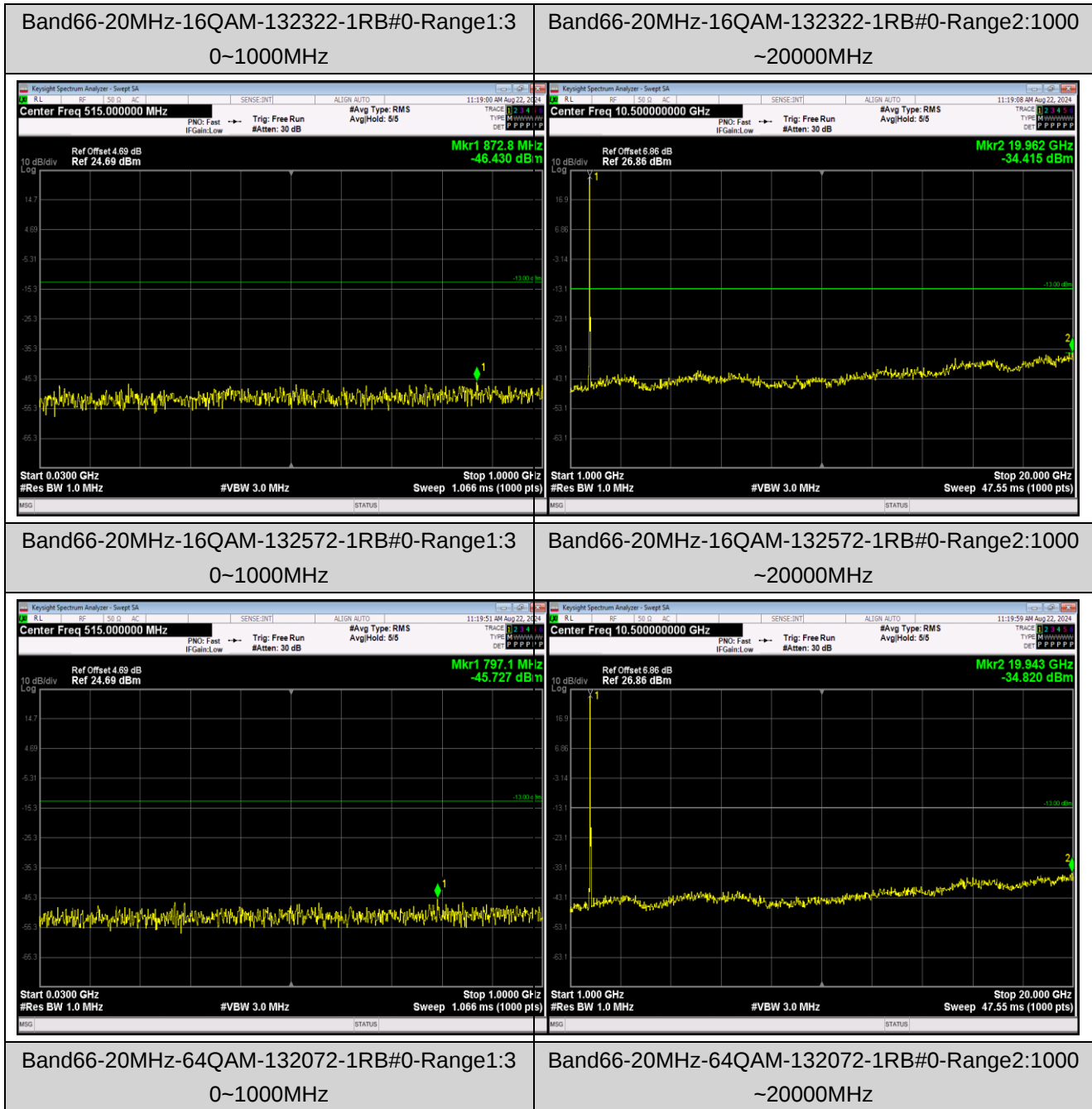


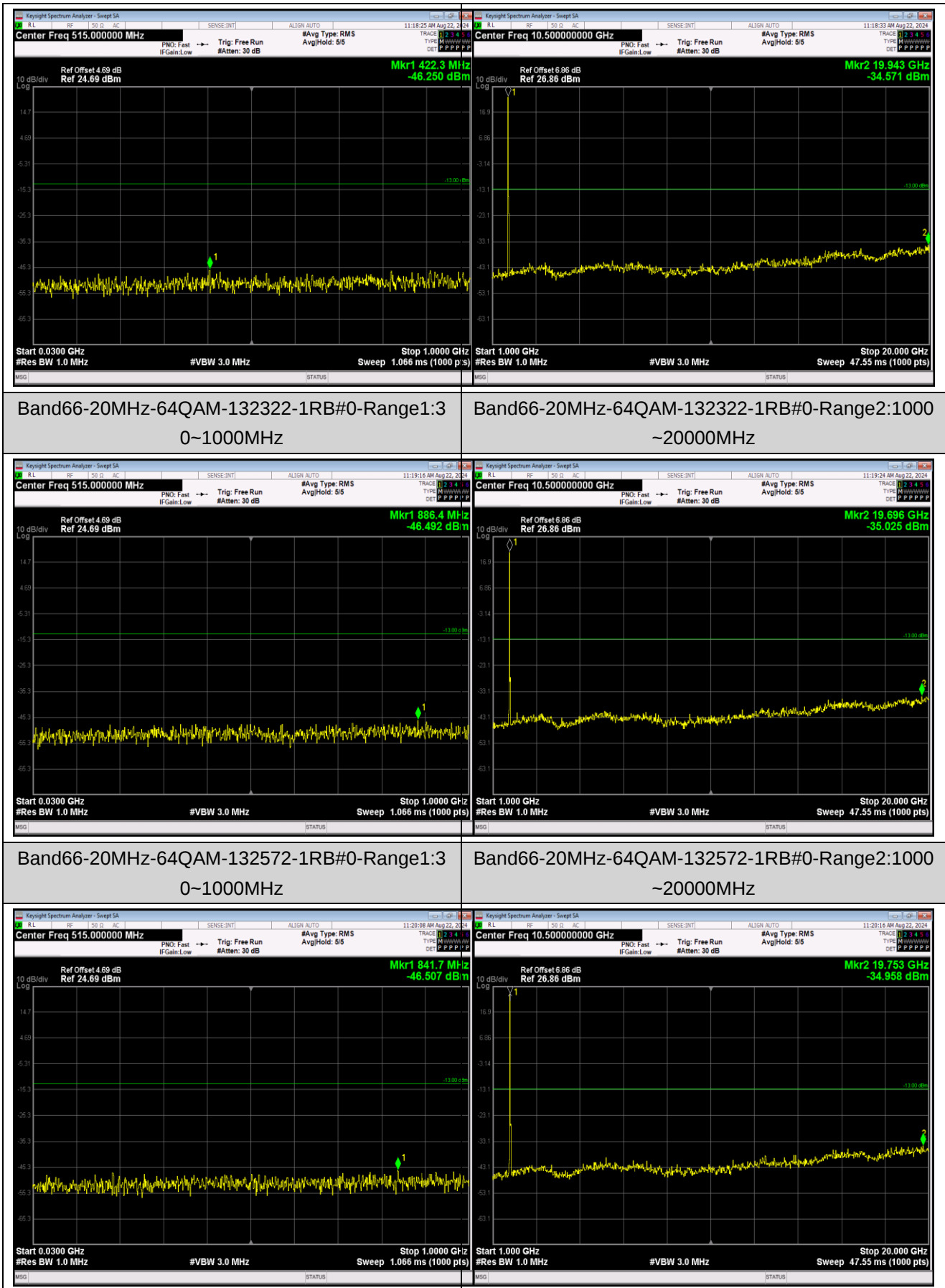












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Project No.: JYTSZR2406062

Appendix F: Frequency Stability

Test Result

LTE Band 2 part:

Reference Frequency: LTE Band 2 (10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-20.48	-0.010894	Within authorized band for Band 2	Pass
	-20	-13.73	-0.007303		
	-10	-15.94	-0.008479		
	0	-20.21	-0.010750		
	10	-11.30	-0.006011		
	20	-5.69	-0.003027		
	30	-12.56	-0.006681		
	40	-17.04	-0.009064		
	50	-17.38	-0.009245		
16QAM					
3.85	-30	-17.22	-0.009160	Within authorized band for Band 2	Pass
	-20	-18.00	-0.009574		
	-10	-13.60	-0.007234		
	0	3.98	0.002117		
	10	-13.92	-0.007404		
	20	-13.39	-0.007122		
	30	5.52	0.002936		
	40	-12.77	-0.006793		
	50	3.32	0.001766		
64QAM					
3.85	-30	-12.77	-0.006793	Within authorized band for Band 2	Pass
	-20	-16.08	-0.008553		
	-10	4.59	0.002441		
	0	-11.80	-0.006277		
	10	-16.82	-0.008947		
	20	9.78	0.005202		
	30	-15.62	-0.008309		
	40	-11.34	-0.006032		
	50	-13.68	-0.007277		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-14.33	-0.007622	Within authorized band for Band 2	Pass
	3.85	-22.97	-0.012218		
	4.40	-13.32	-0.007085		
16QAM					
25	3.50	-13.56	-0.007213	Within authorized band for Band 2	Pass
	3.85	-20.54	-0.010926		
	4.40	-15.59	-0.008293		
64QAM					
25	3.50	-13.23	-0.007037	Within authorized band for Band 2	Pass
	3.85	-12.90	-0.006862		
	4.40	-13.85	-0.007367		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					