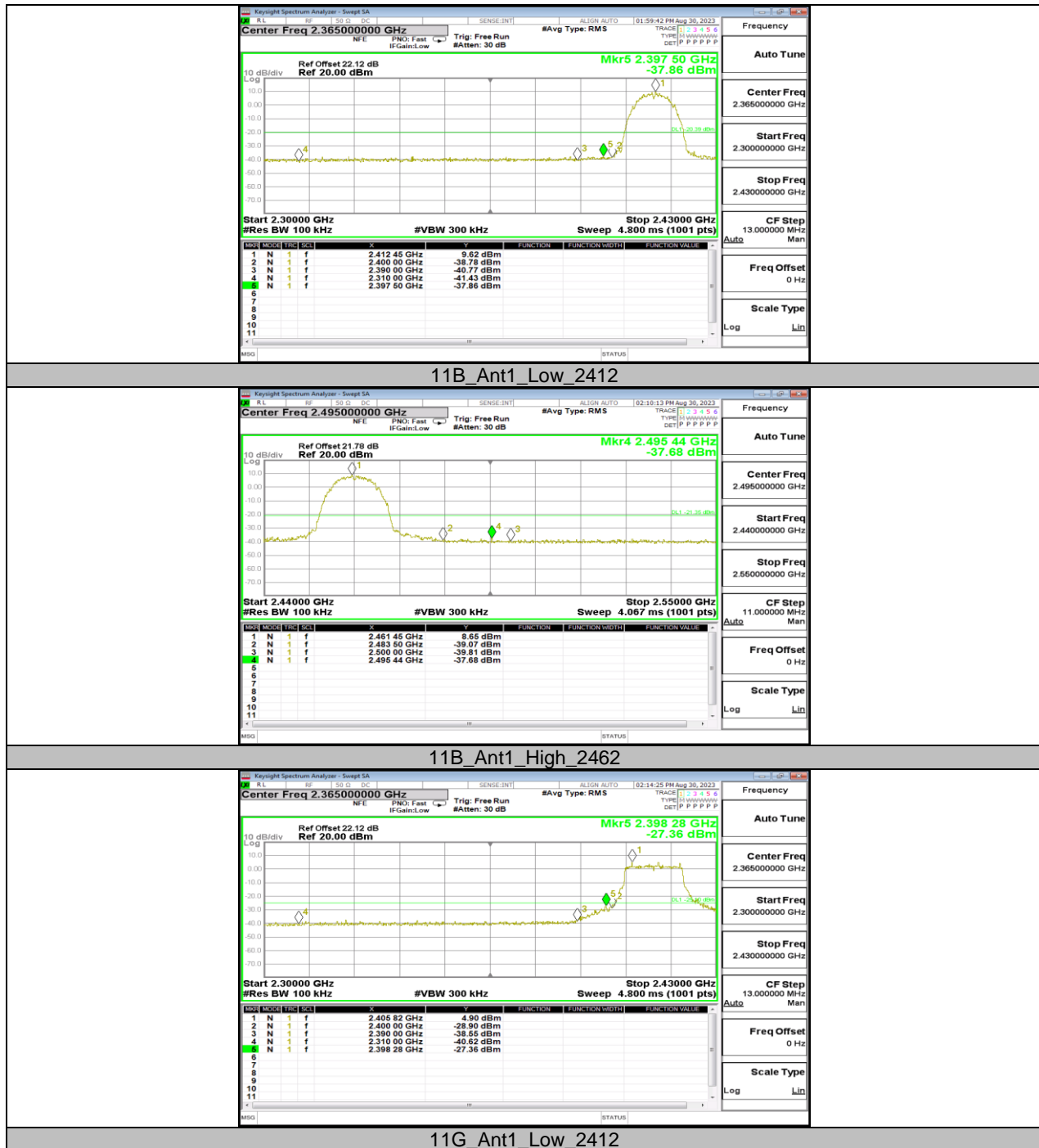


## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

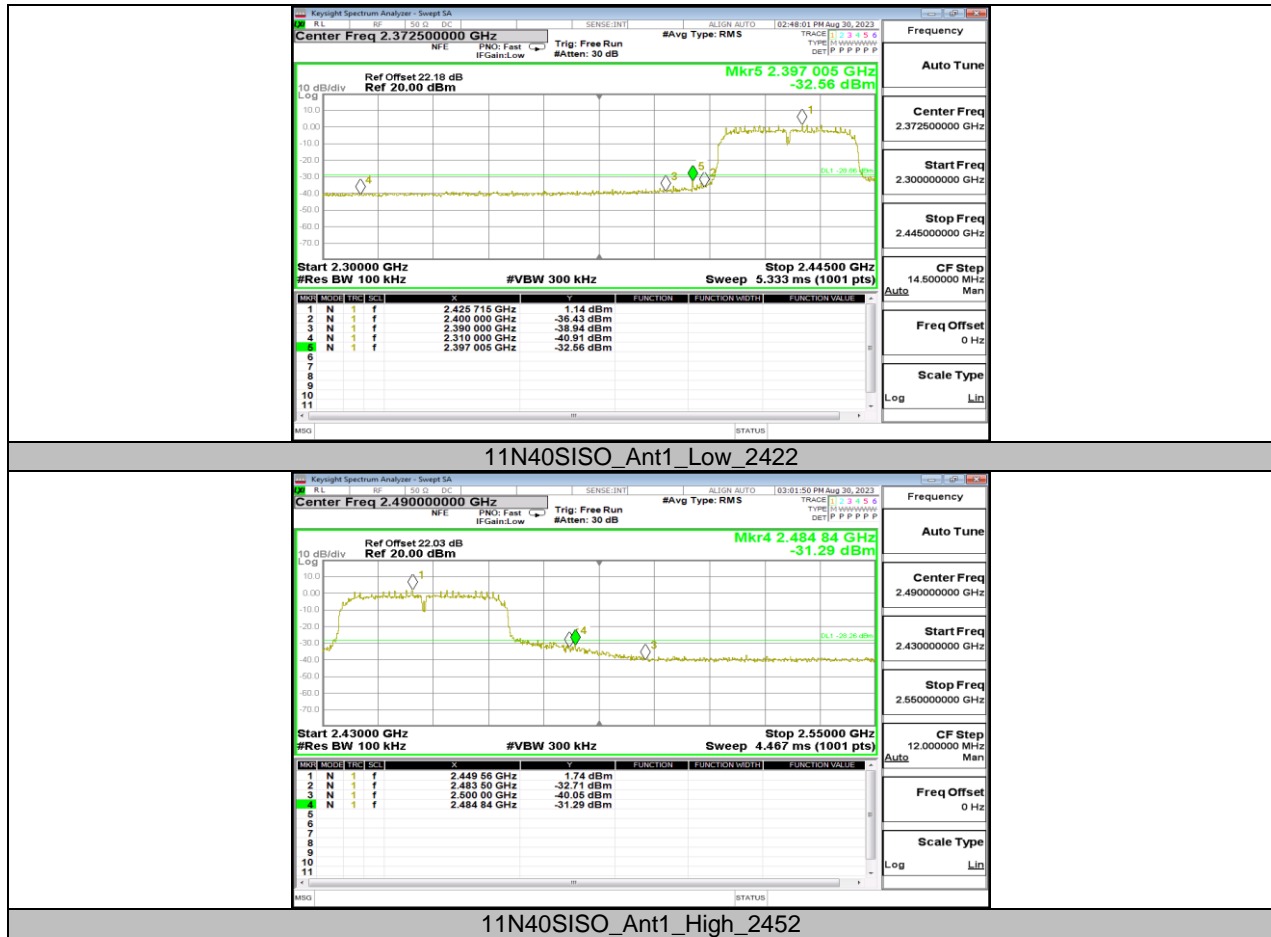
### 11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.62	-37.86	≤-20.39	PASS
		High	2462	8.65	-37.68	≤-21.35	PASS
11G	Ant1	Low	2412	4.91	-27.36	≤-25.1	PASS
		High	2462	5.38	-34.56	≤-24.62	PASS
11N20SISO	Ant1	Low	2412	4.34	-29.66	≤-25.66	PASS
		High	2462	4.41	-35.4	≤-25.59	PASS
11N40SISO	Ant1	Low	2422	1.14	-32.56	≤-28.86	PASS
		High	2452	1.74	-31.29	≤-28.26	PASS

## 11.5.2. Test Graphs







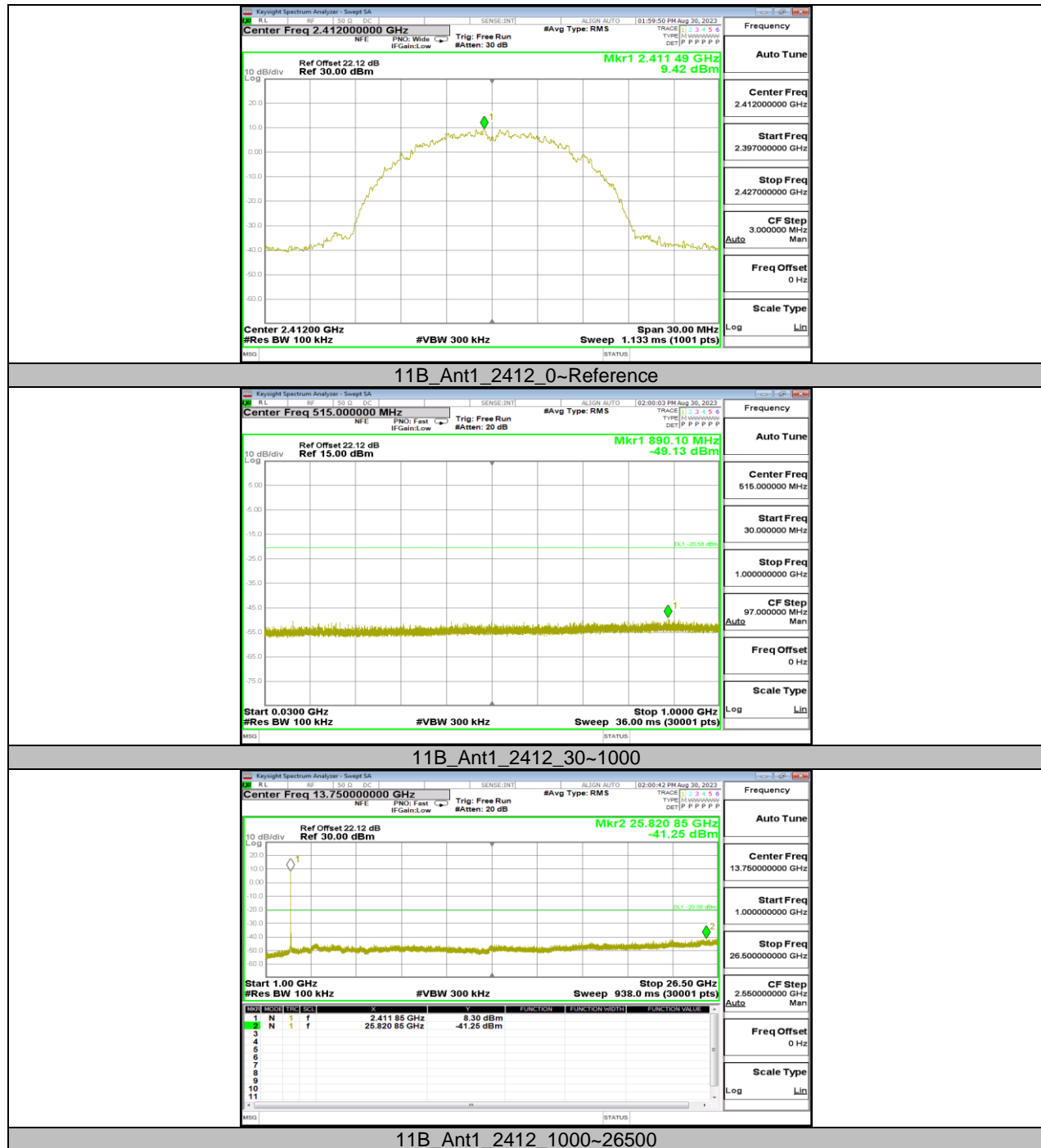
## 11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

### 11.6.1. Test Result

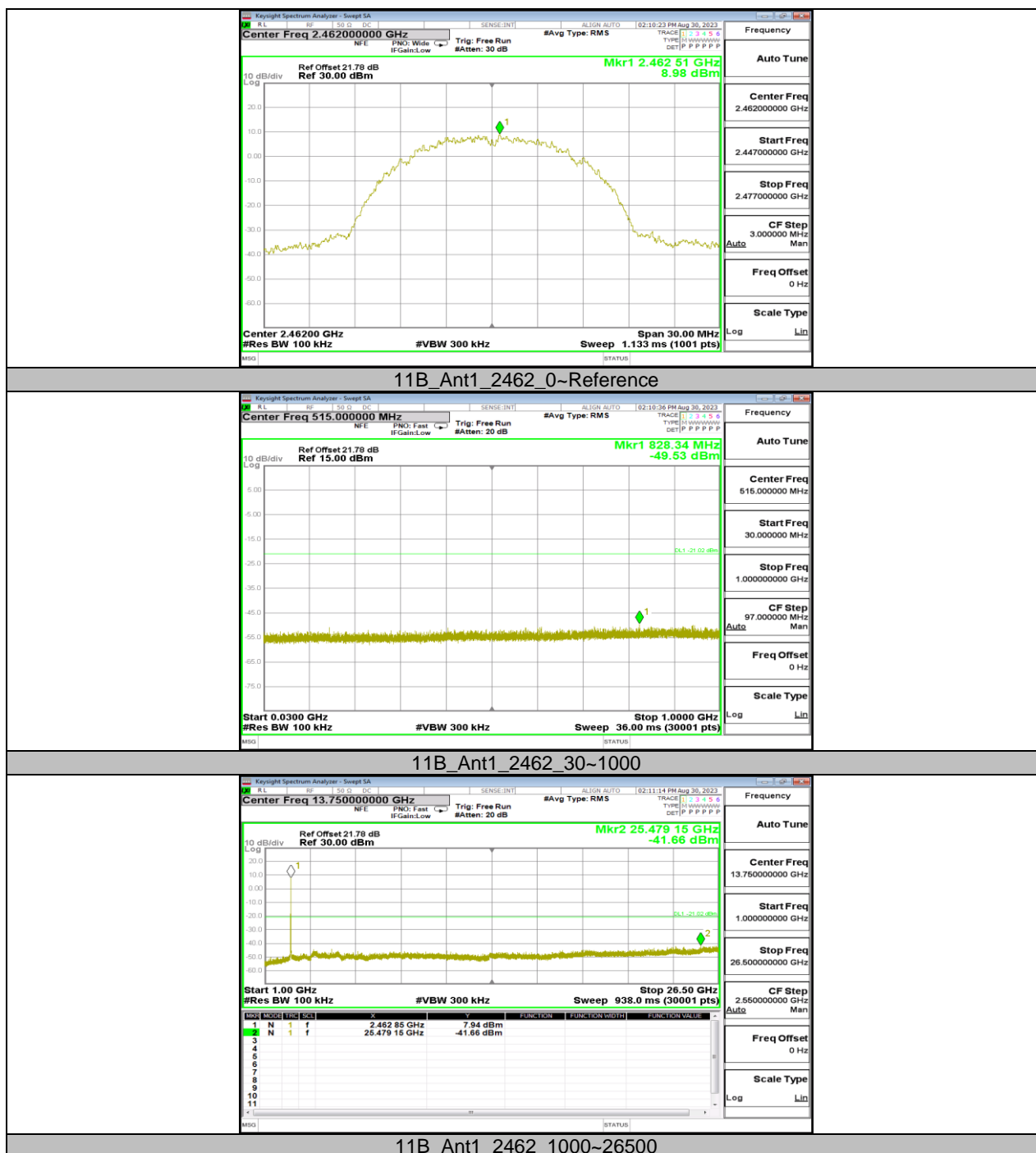
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.42	---	PASS
			30~1000	-49.13	≤-20.58	PASS
			1000~26500	-41.25	≤-20.58	PASS
		2437	Reference	9.77	---	PASS
			30~1000	-50.22	≤-20.23	PASS
			1000~26500	-41.97	≤-20.23	PASS
		2462	Reference	8.98	---	PASS
			30~1000	-49.54	≤-21.02	PASS
			1000~26500	-41.66	≤-21.02	PASS
11G	Ant1	2412	Reference	5.07	---	PASS
			30~1000	-49.66	≤-24.93	PASS
			1000~26500	-41.22	≤-24.93	PASS
		2437	Reference	6.40	---	PASS
			30~1000	-49.75	≤-23.6	PASS
			1000~26500	-41.98	≤-23.6	PASS
		2462	Reference	5.06	---	PASS
			30~1000	-49.87	≤-24.94	PASS
			1000~26500	-41.71	≤-24.94	PASS
11N20SISO	Ant1	2412	Reference	3.94	---	PASS
			30~1000	-49.72	≤-26.06	PASS
			1000~26500	-41.52	≤-26.06	PASS
		2437	Reference	5.35	---	PASS
			30~1000	-48.75	≤-24.65	PASS
			1000~26500	-41.79	≤-24.65	PASS
		2462	Reference	4.44	---	PASS
			30~1000	-50.05	≤-25.56	PASS
			1000~26500	-41.39	≤-25.56	PASS
11N40SISO	Ant1	2422	Reference	1.51	---	PASS
			30~1000	-46.41	≤-28.49	PASS
			1000~26500	-41.07	≤-28.49	PASS
		2437	Reference	2.33	---	PASS
			30~1000	-44.74	≤-27.67	PASS
			1000~26500	-42.1	≤-27.67	PASS
		2452	Reference	2.19	---	PASS
			30~1000	-46.11	≤-27.81	PASS
			1000~26500	-41.84	≤-27.81	PASS



## 11.6.2. Test Graphs

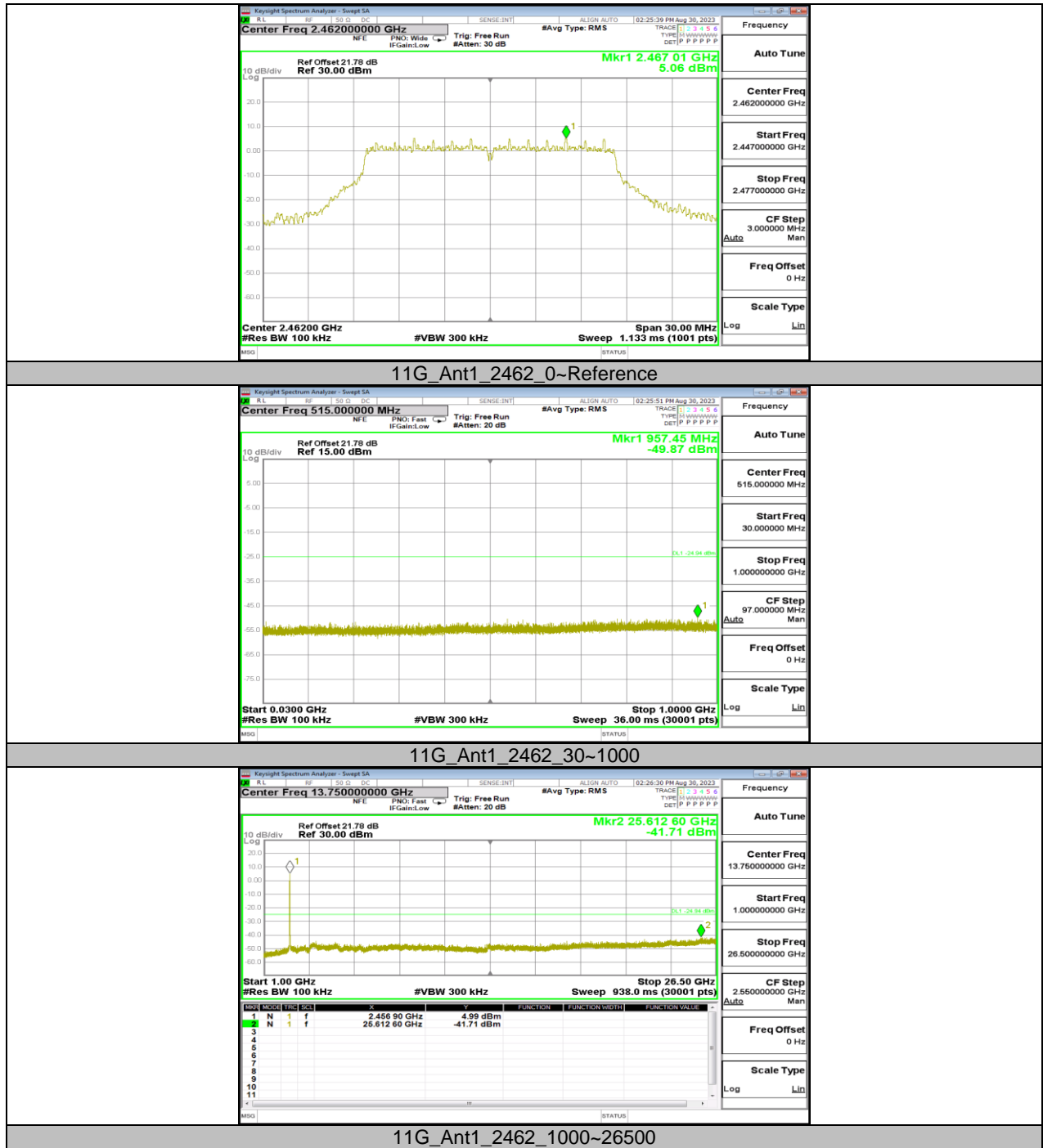




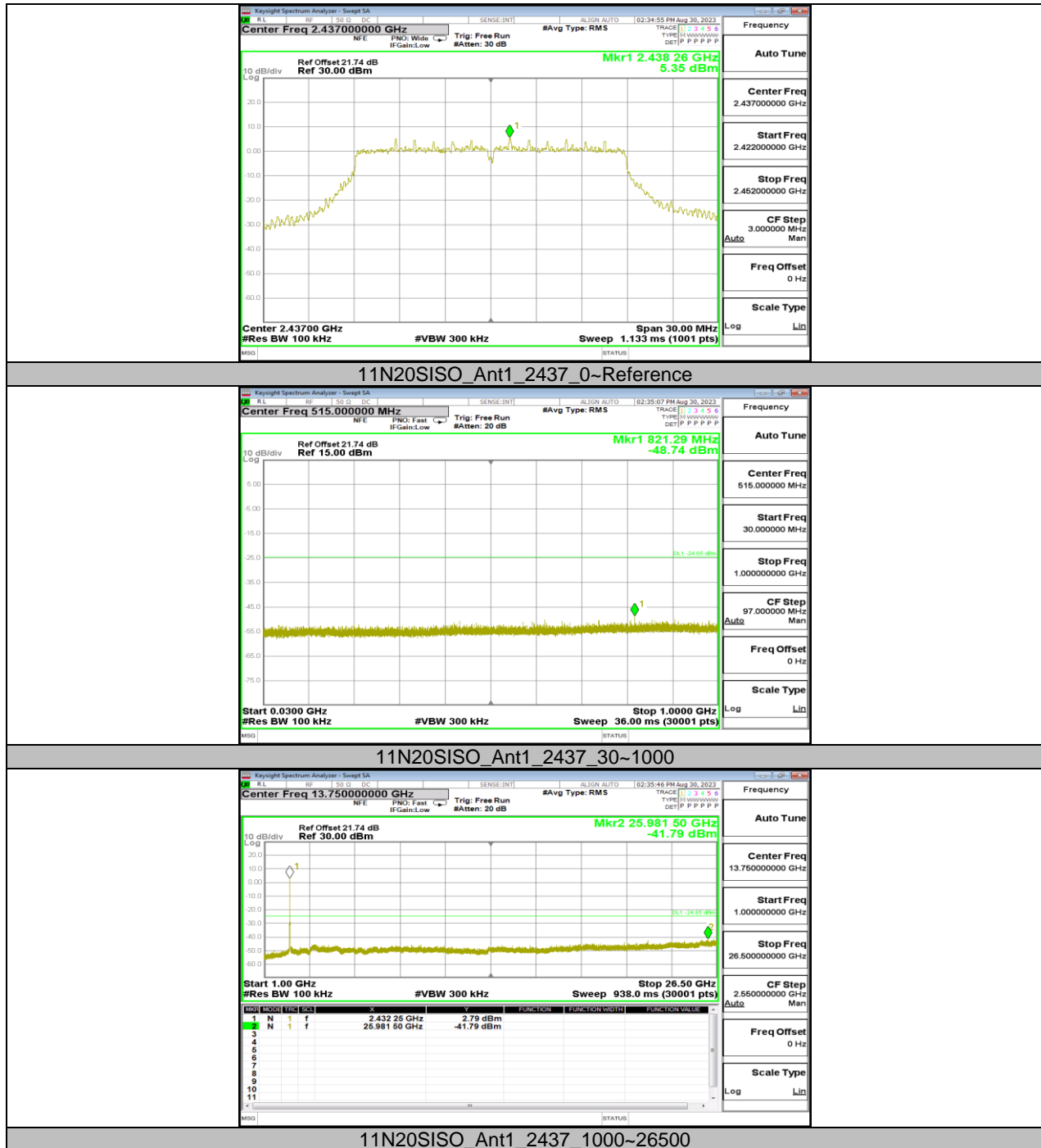




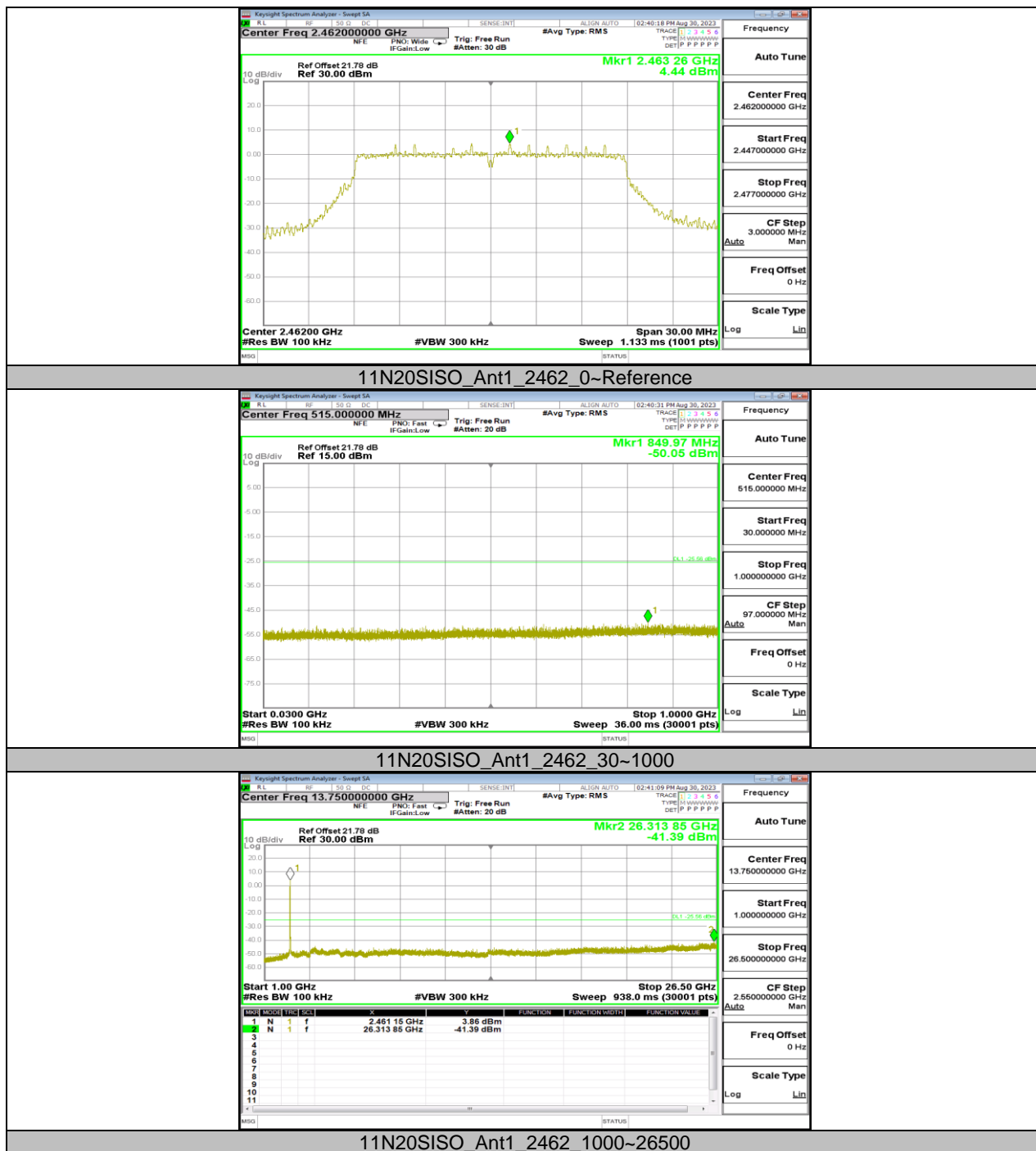


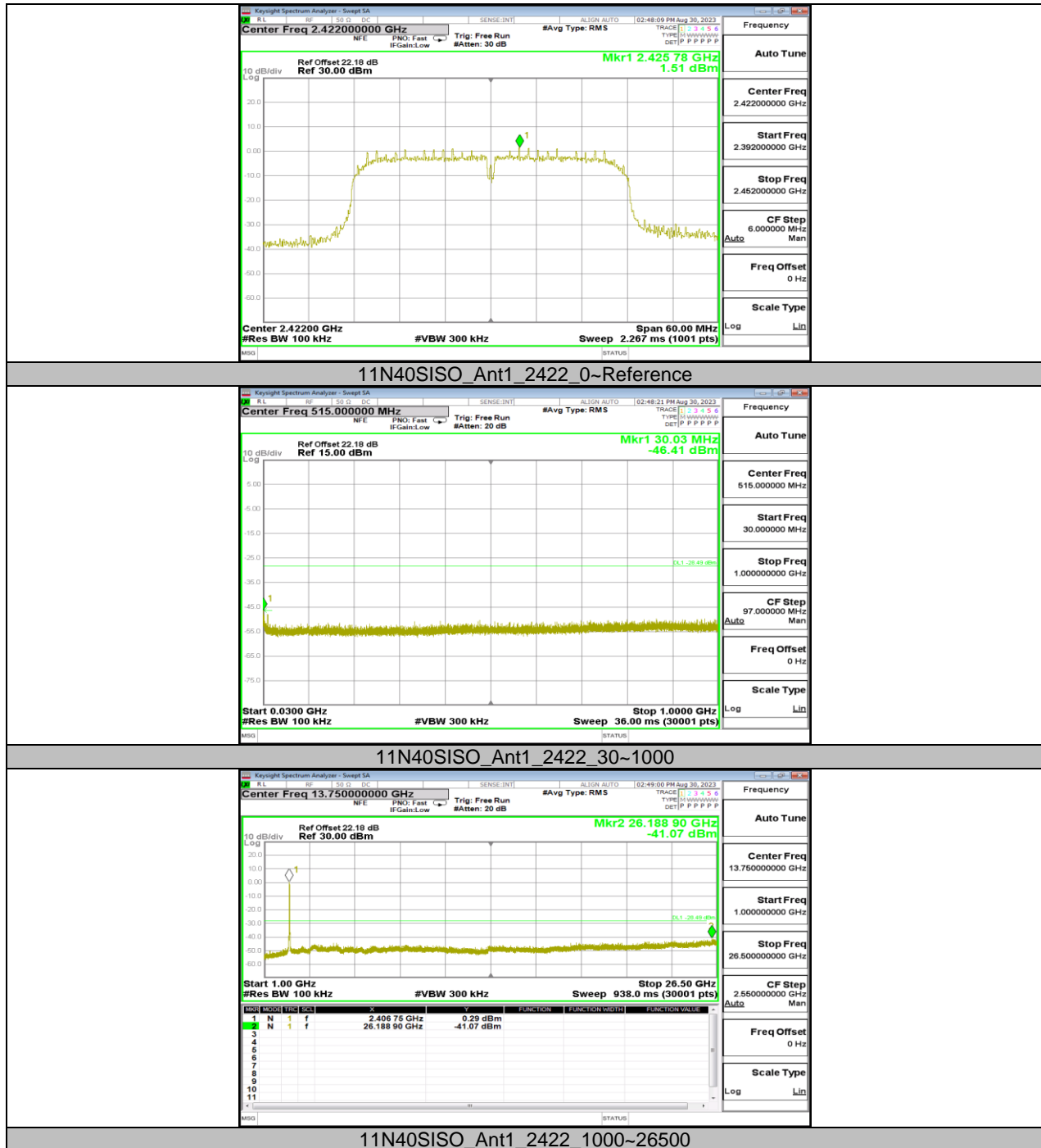


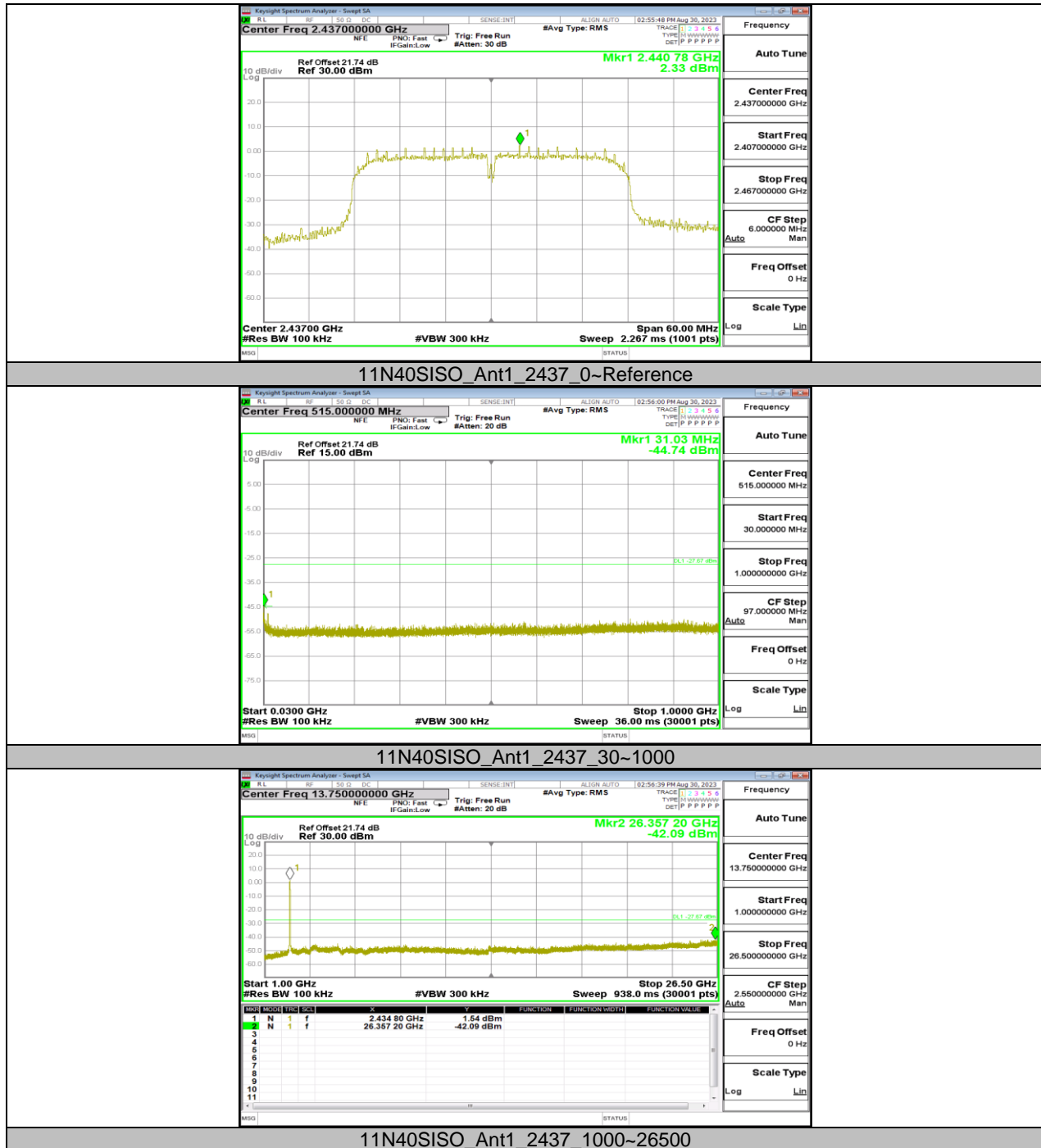


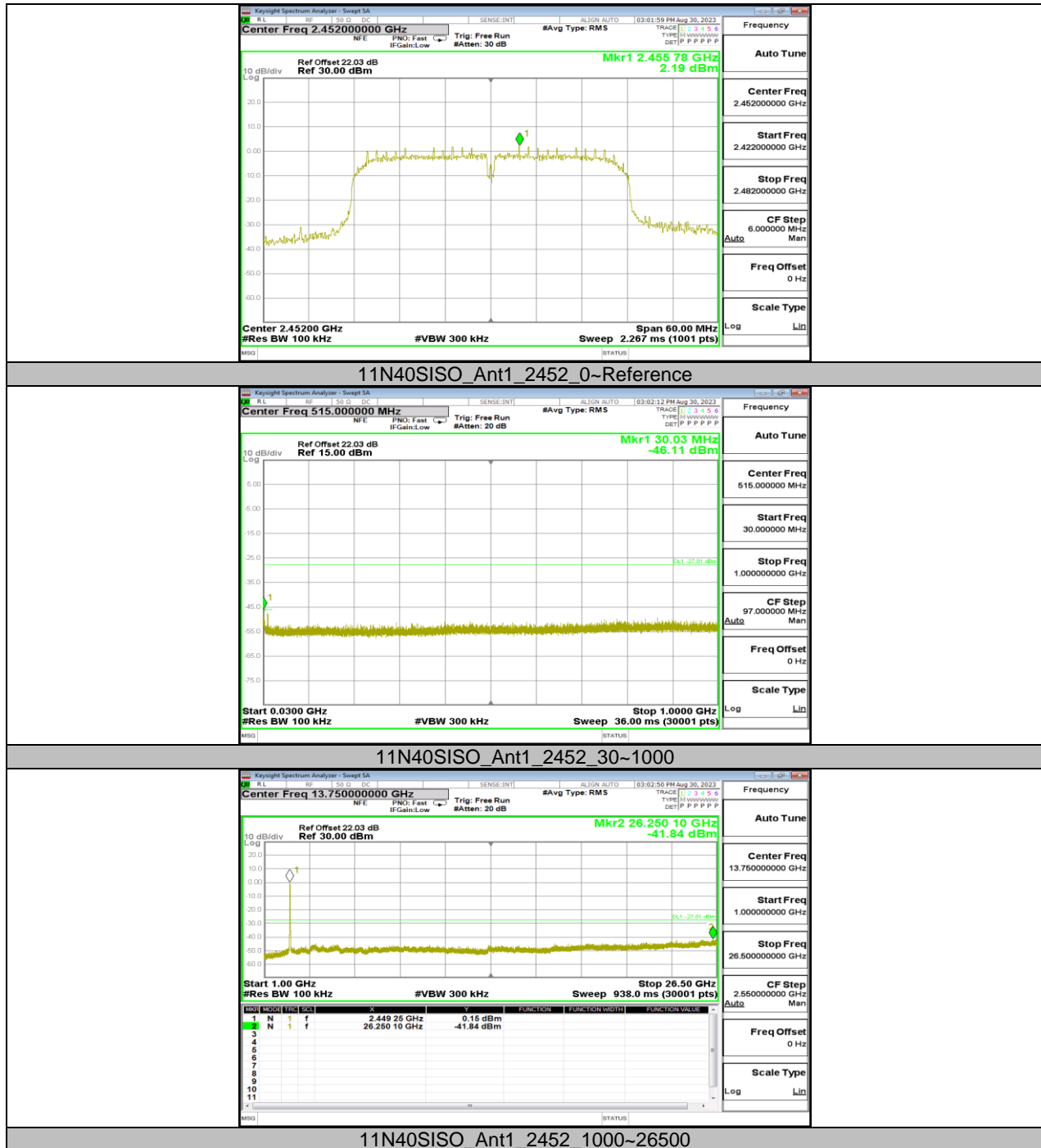












## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle <sup>x</sup> (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	32.95	32.97	0.9994	99.94	0.00	0.03	0.01
11G	5.48	5.51	0.9946	99.46	0.02	0.18	0.01
11N20SISO	5.07	5.10	0.9941	99.41	0.03	0.20	0.01
11N40SISO	2.46	2.49	0.9880	98.80	0.05	0.41	0.01

Note:

Duty Cycle Correction Factor= $10\log(1/x)$ .

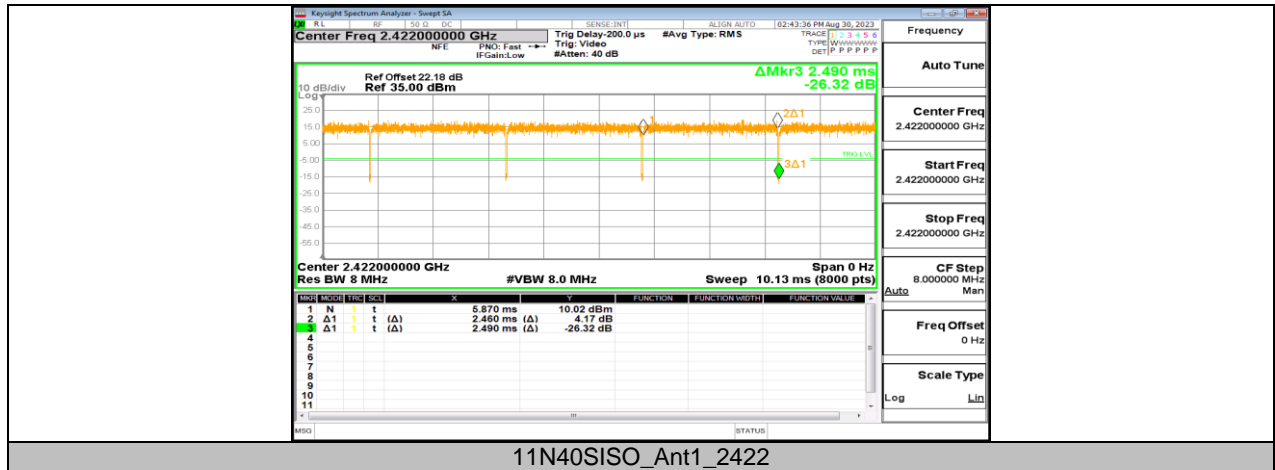
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

## 11.7.2. Test Graphs





END OF REPORT