

Test Data Appendix For BLE

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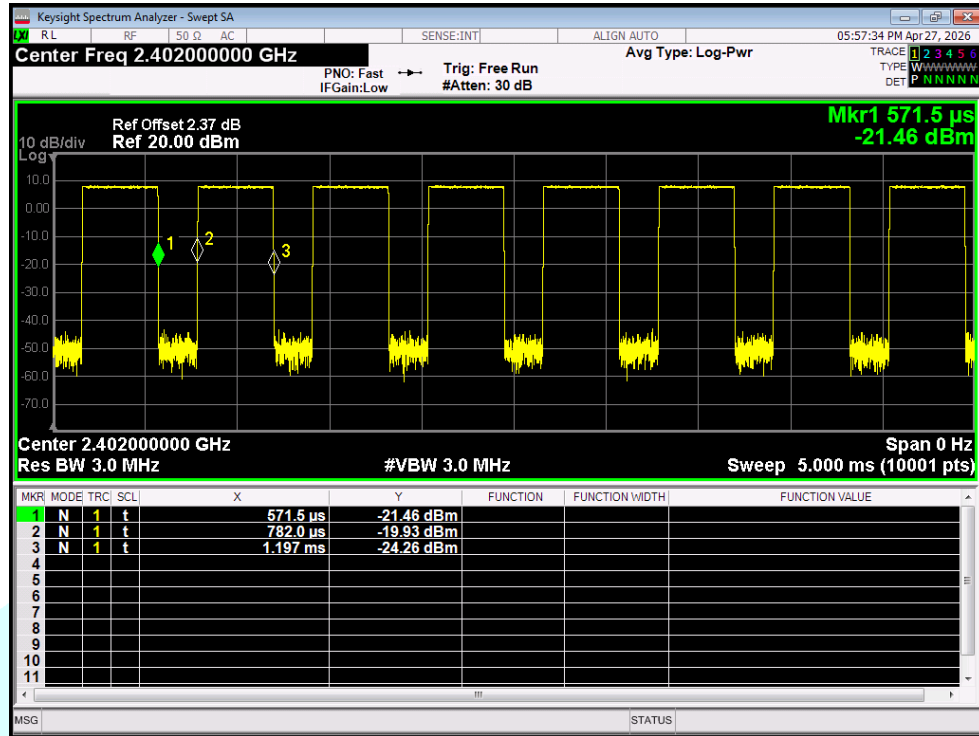
Duty Cycle

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
BLE 1M	2402	66.35	1.78	2.41
	2440	66.4	1.78	2.41
	2480	66.4	1.78	2.41

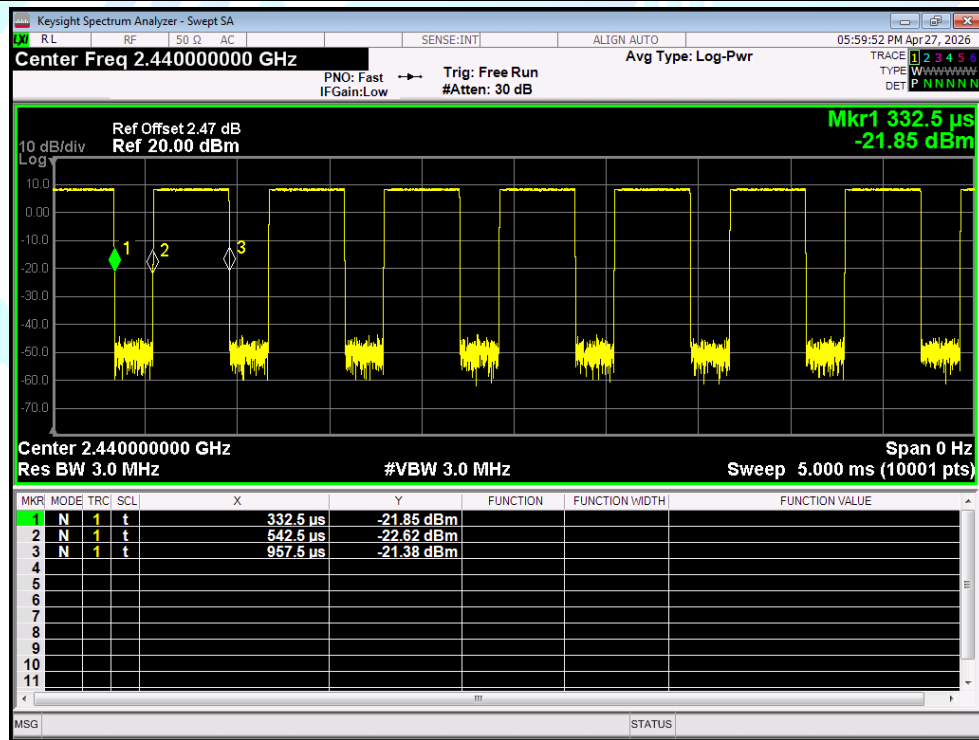


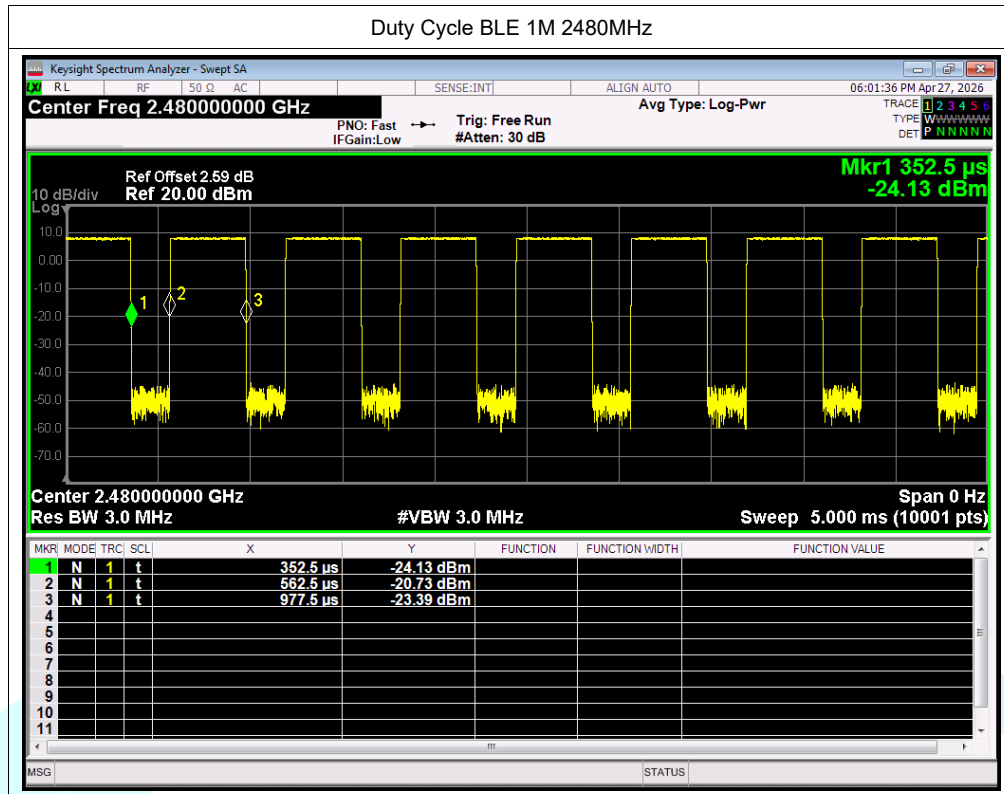
Test Graphs

Duty Cycle BLE 1M 2402MHz



Duty Cycle BLE 1M 2440MHz

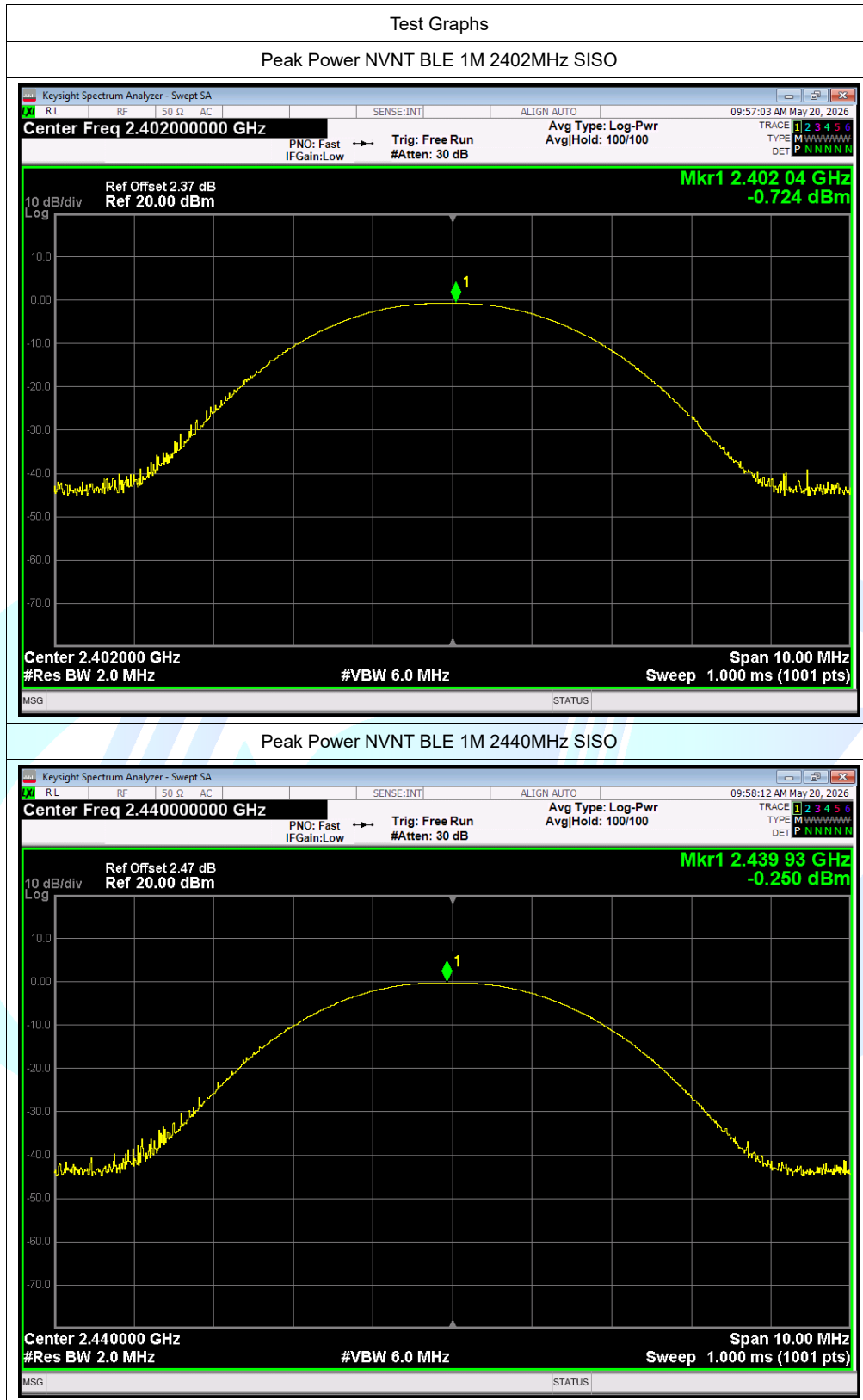


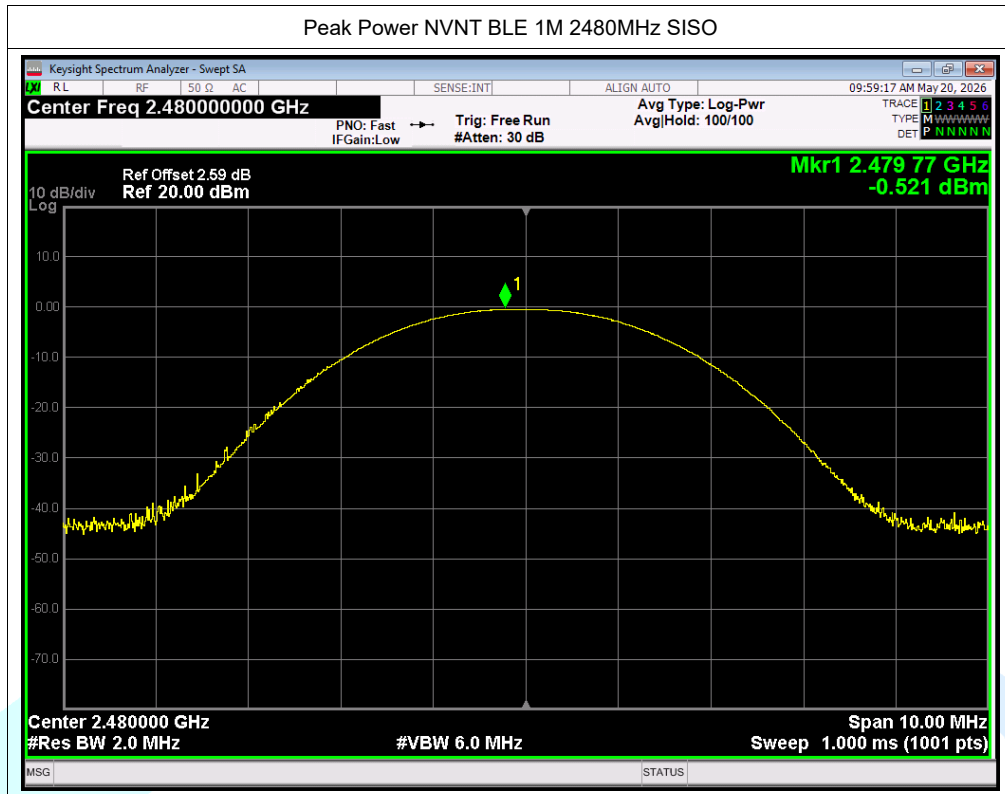


Maximum Peak Conducted Output Power

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
BLE 1M	2402	-0.72	30	Pass
	2440	-0.25	30	Pass
	2480	-0.52	30	Pass







-6dB Bandwidth

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.503	0.5	Pass
	2440	0.5042	0.5	Pass
	2480	0.508	0.5	Pass



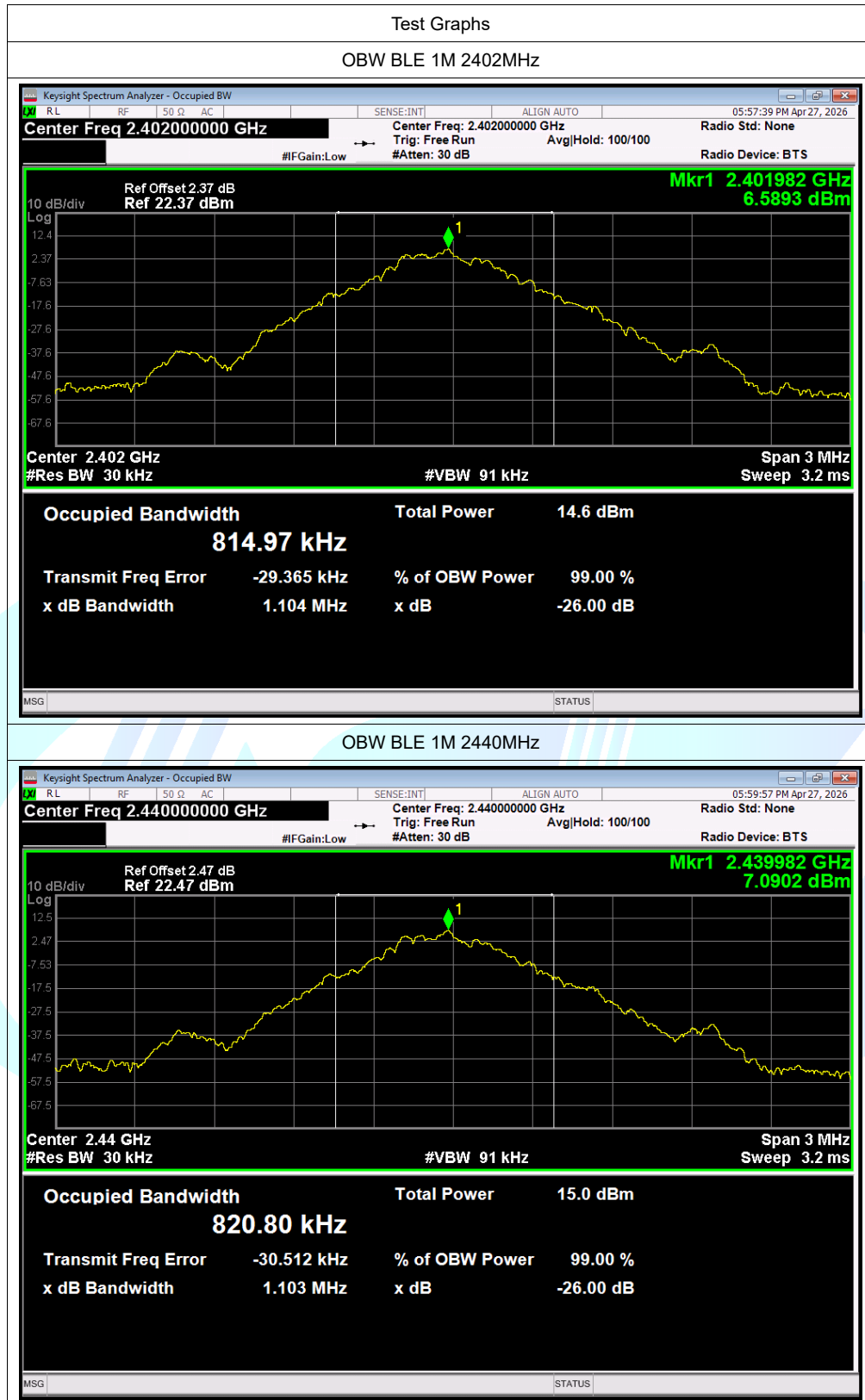


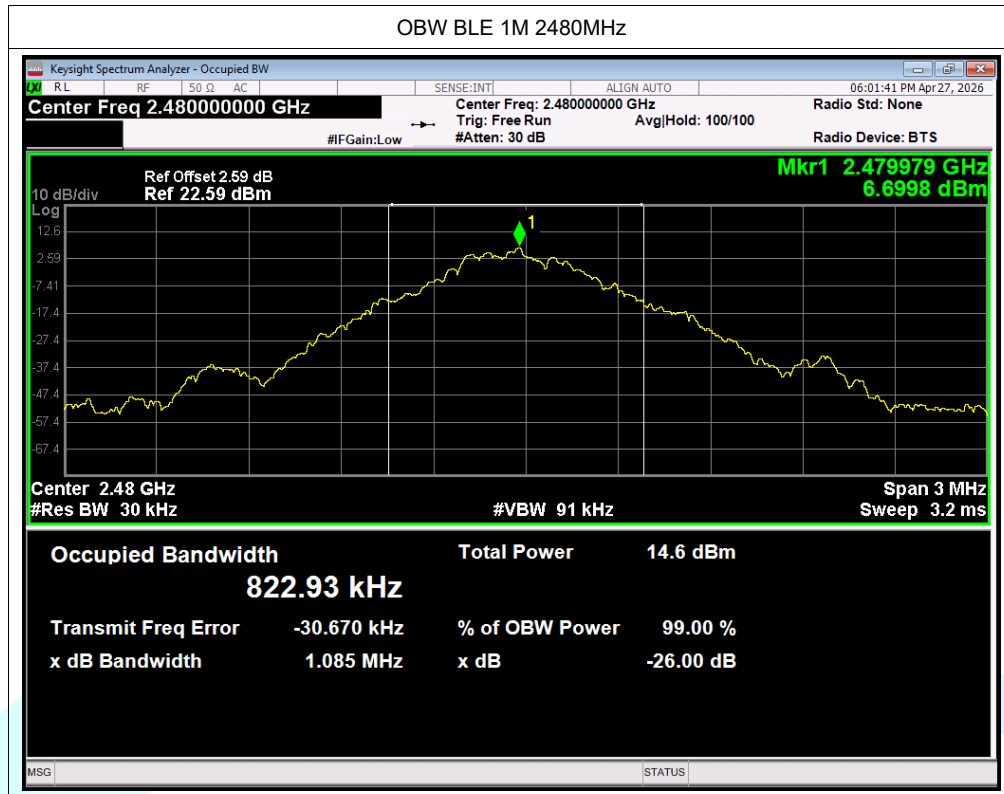


Occupied Channel Bandwidth

Mode	Frequency (MHz)	99% OBW (MHz)
BLE 1M	2402	0.81497
	2440	0.8208
	2480	0.82293



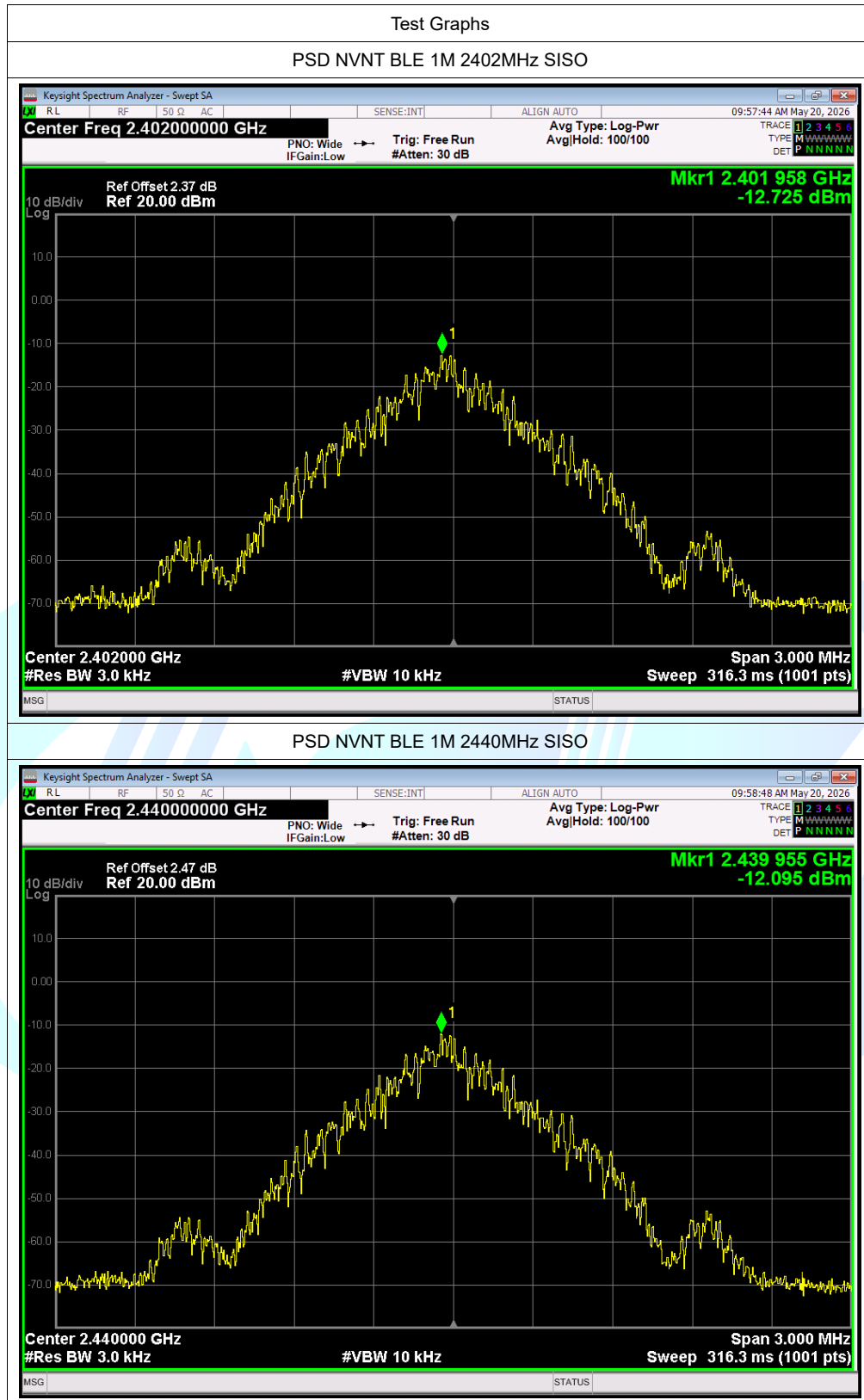


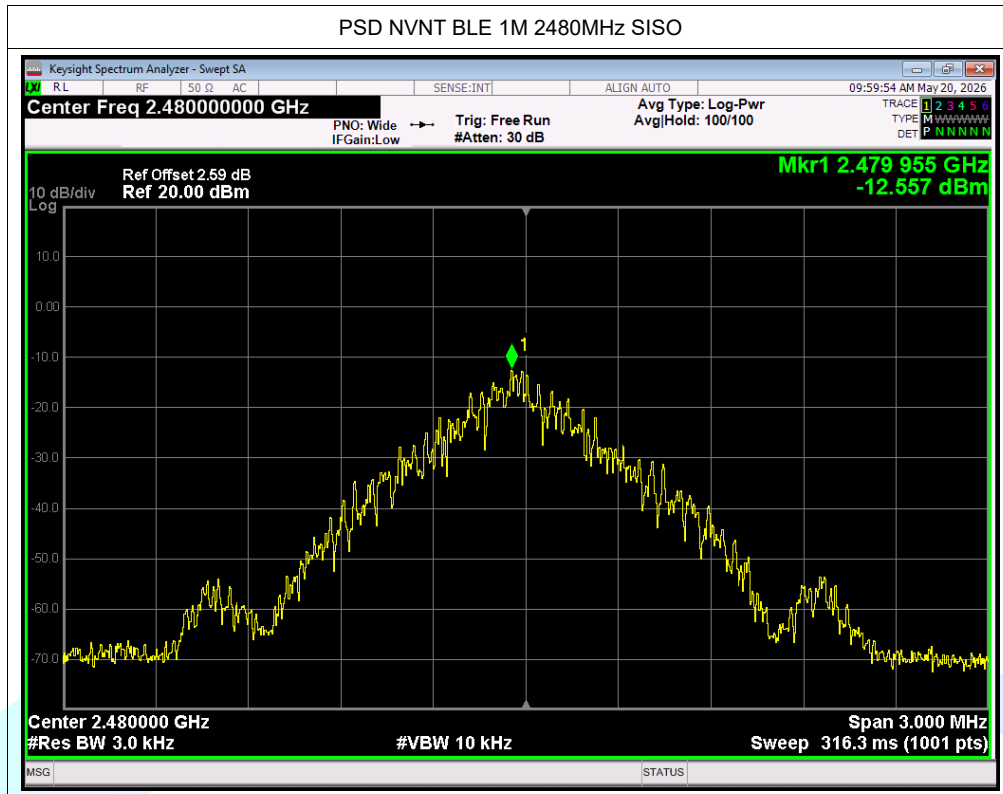


Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-12.73	8	Pass
	2440	-12.10	8	Pass
	2480	-12.56	8	Pass



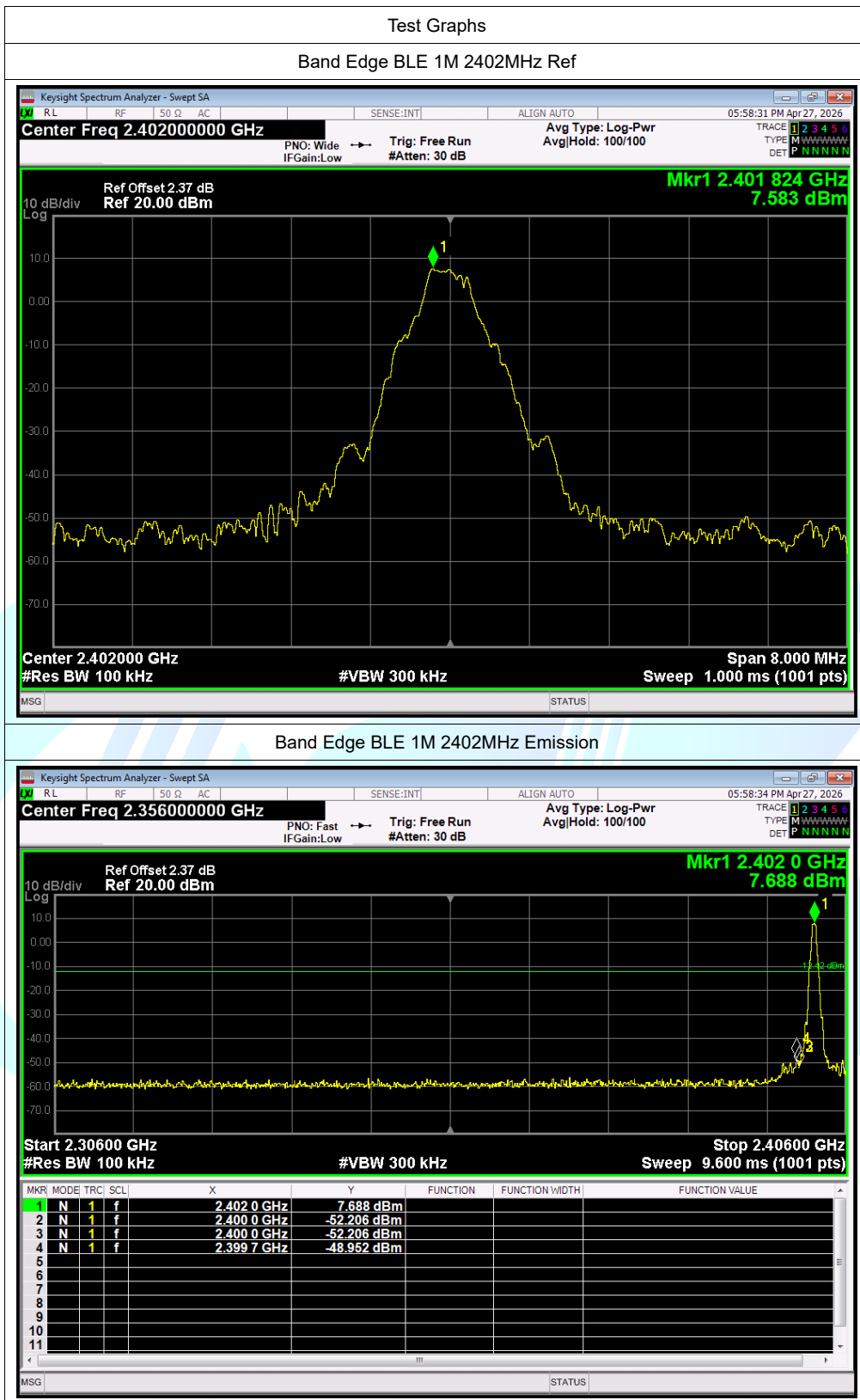


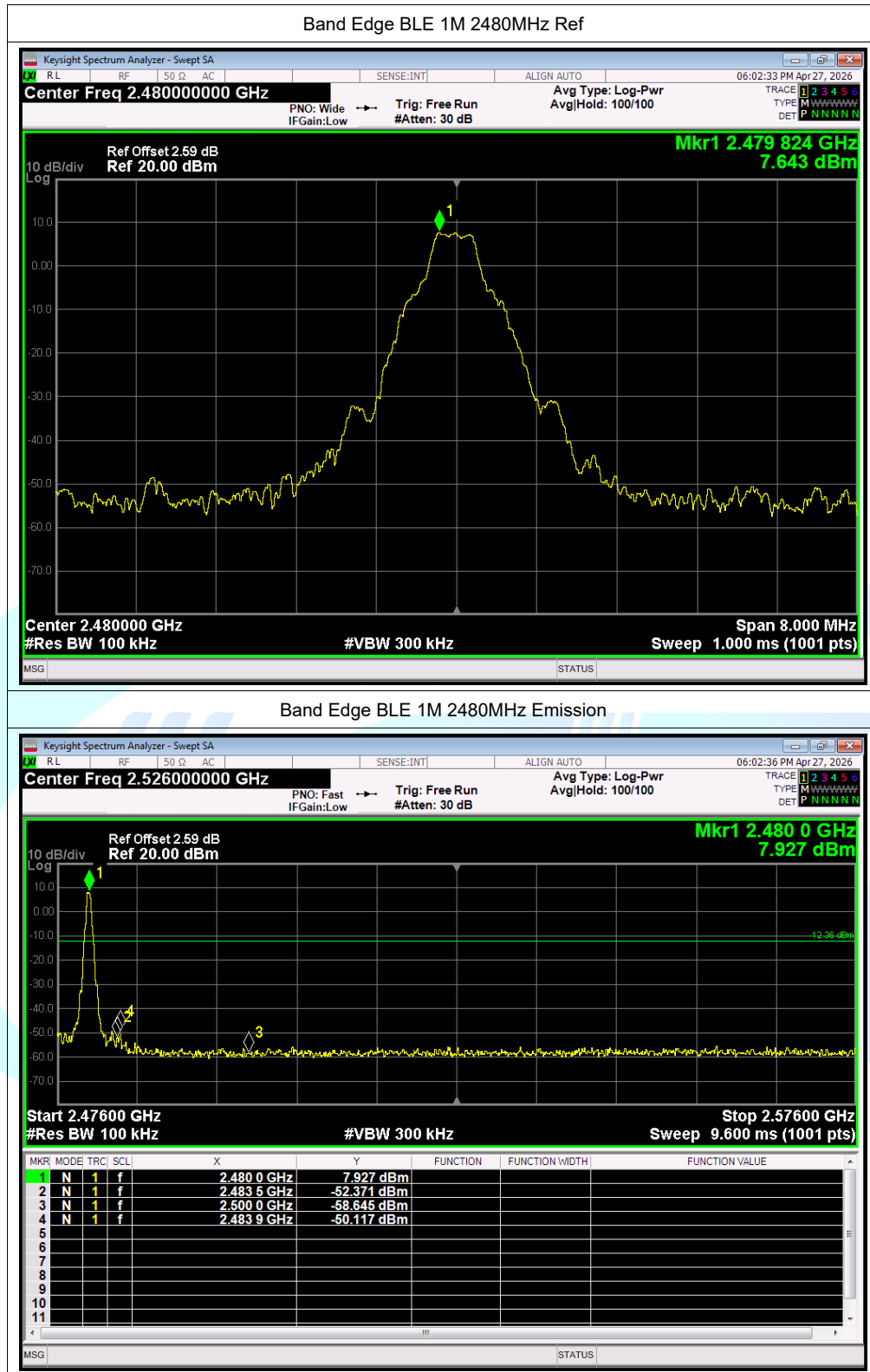


Band Edge

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-56.53	-20	Pass
	2480	-57.75	-20	Pass







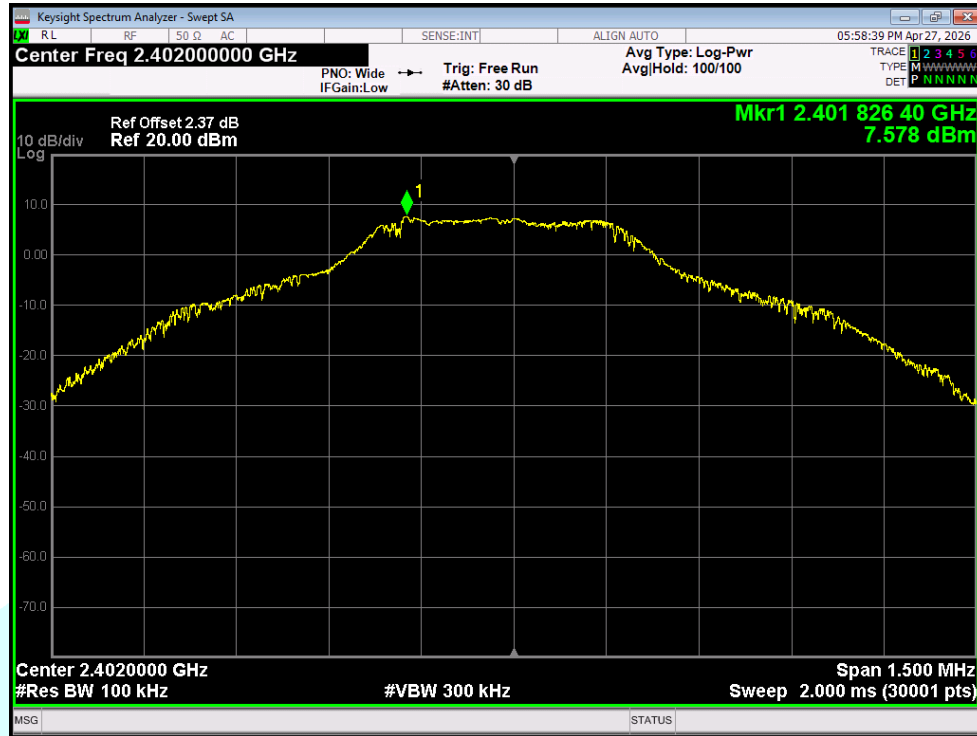
Conducted RF Spurious Emission

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-30.23	-20	Pass
	2440	-28.79	-20	Pass
	2480	-30.45	-20	Pass

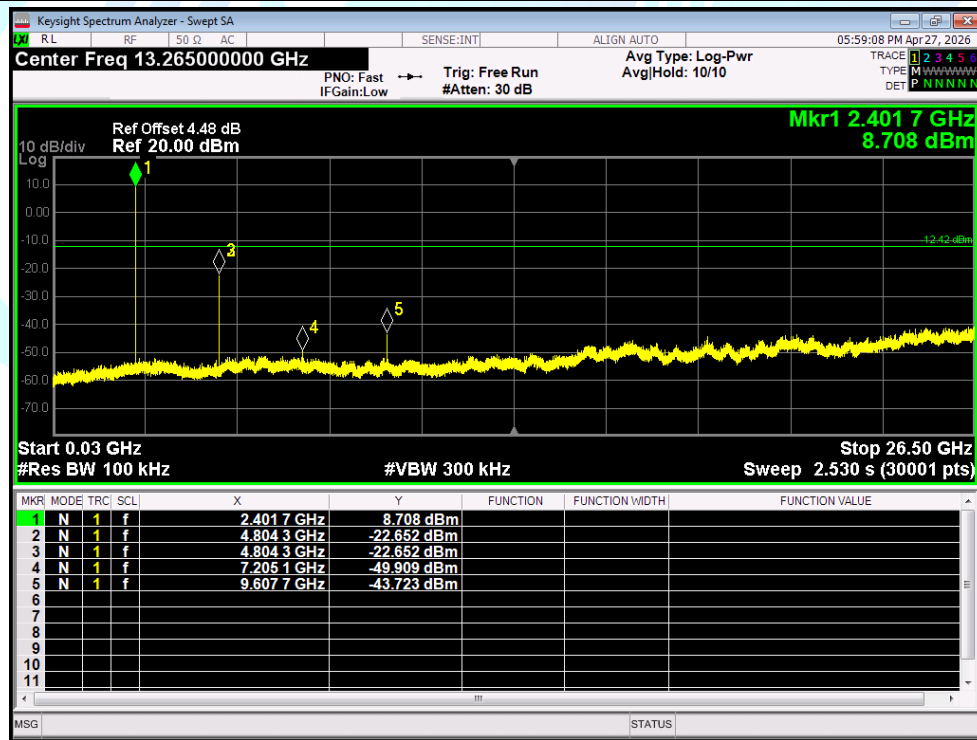


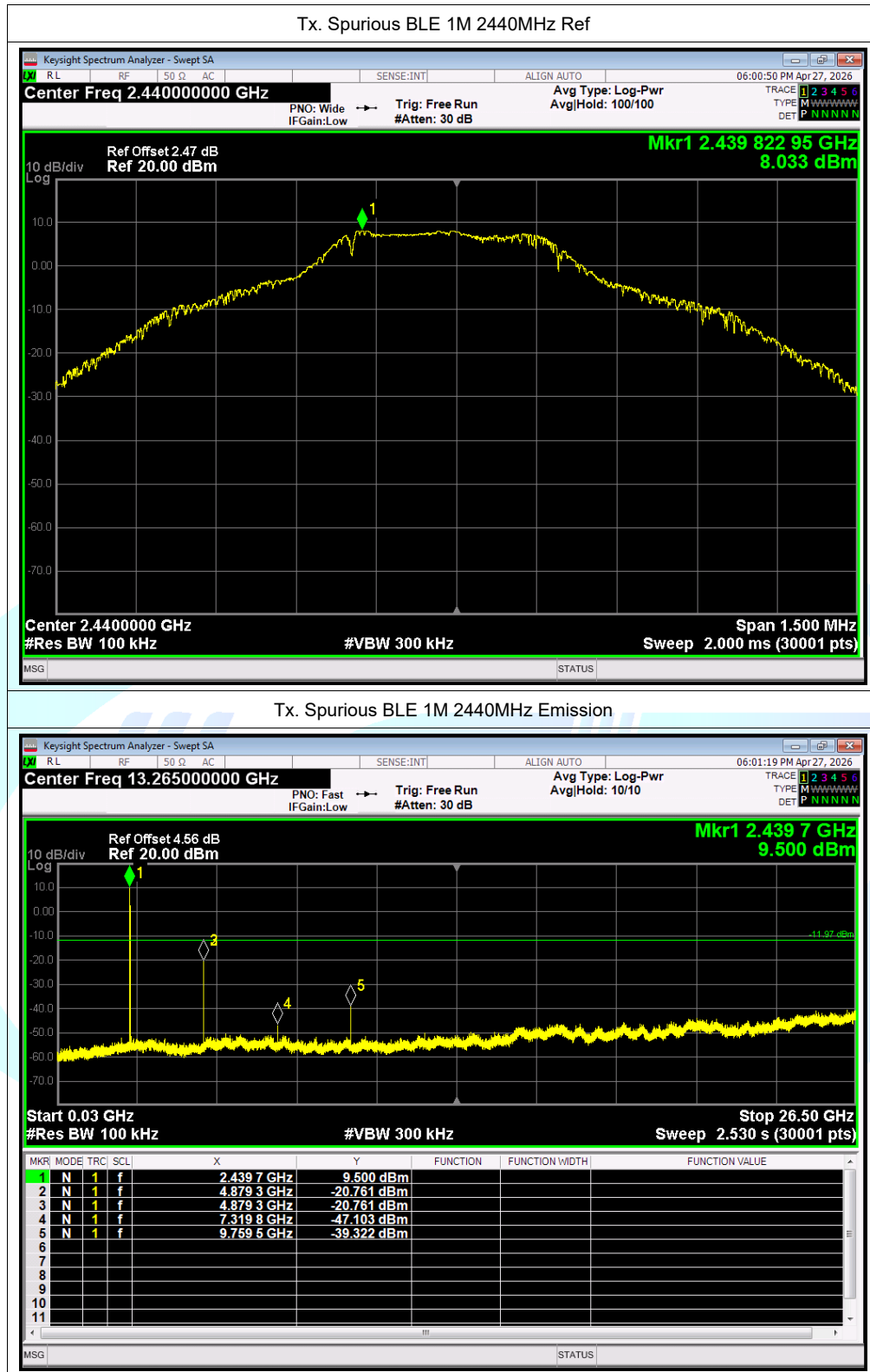
Test Graphs

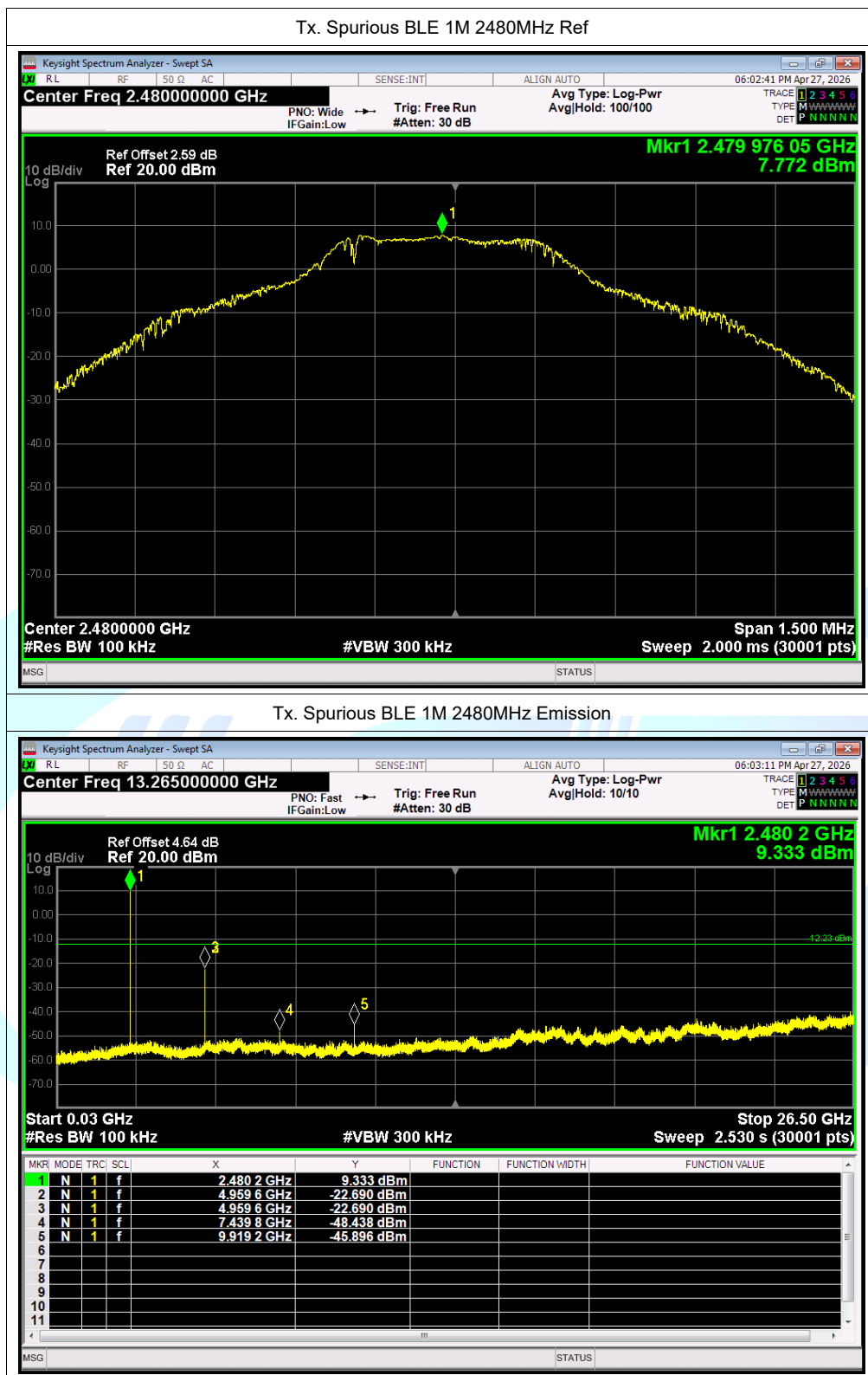
Tx. Spurious BLE 1M 2402MHz Ref



Tx. Spurious BLE 1M 2402MHz Emission







----AND----