

Test Data Appendix For BLE

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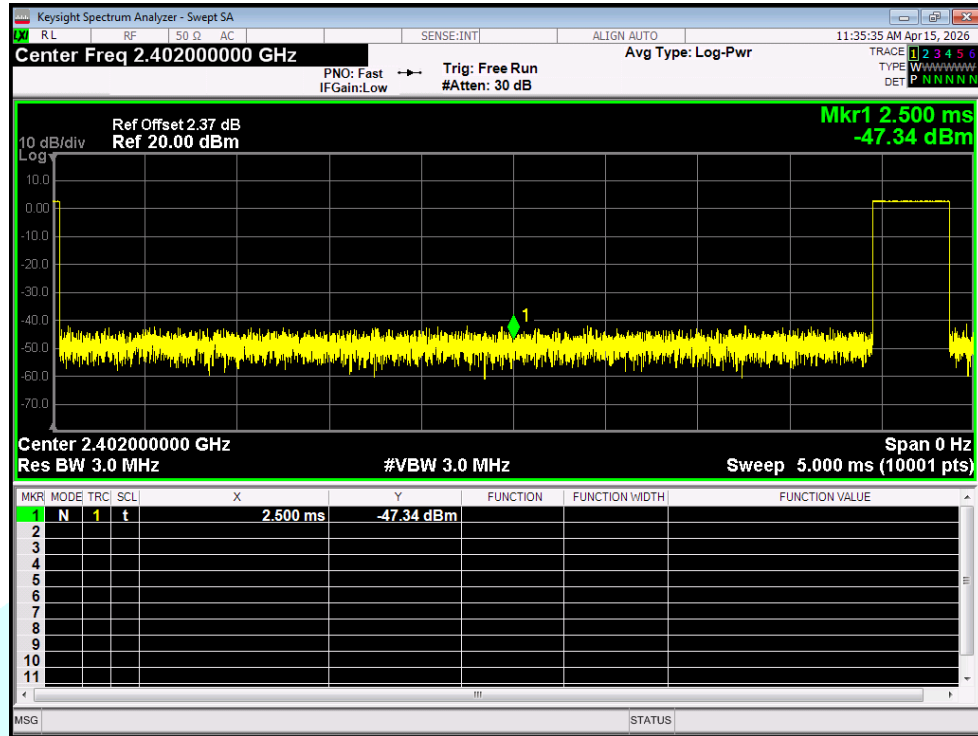
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	9.11	10.41	0
NVNT	BLE 1M	2440	11.77	9.29	0
NVNT	BLE 1M	2480	8.38	10.77	0

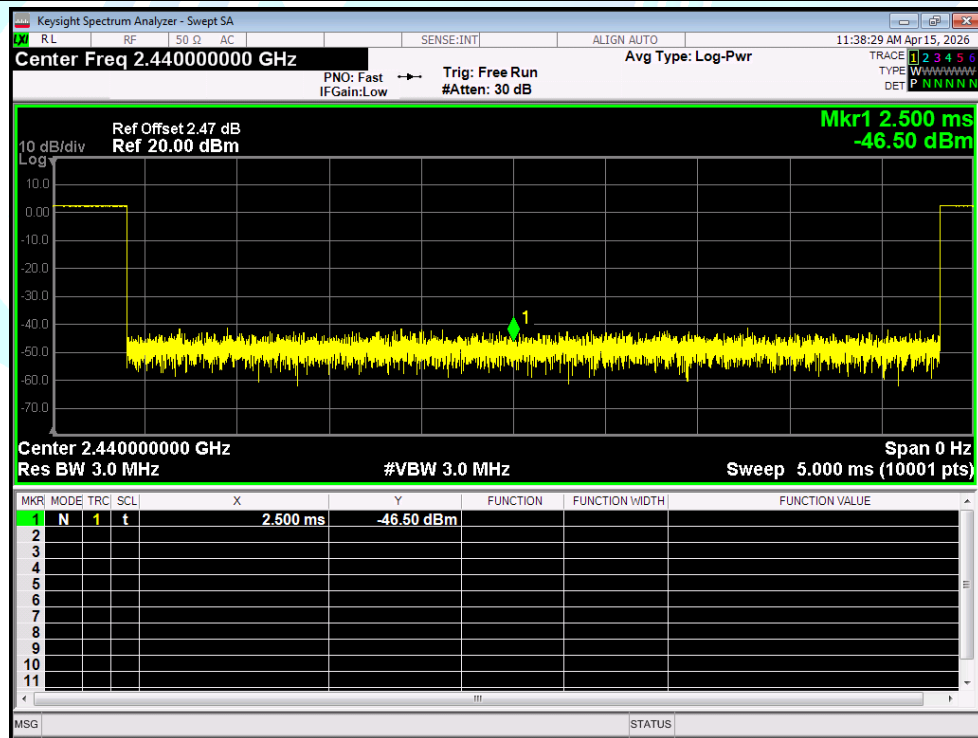


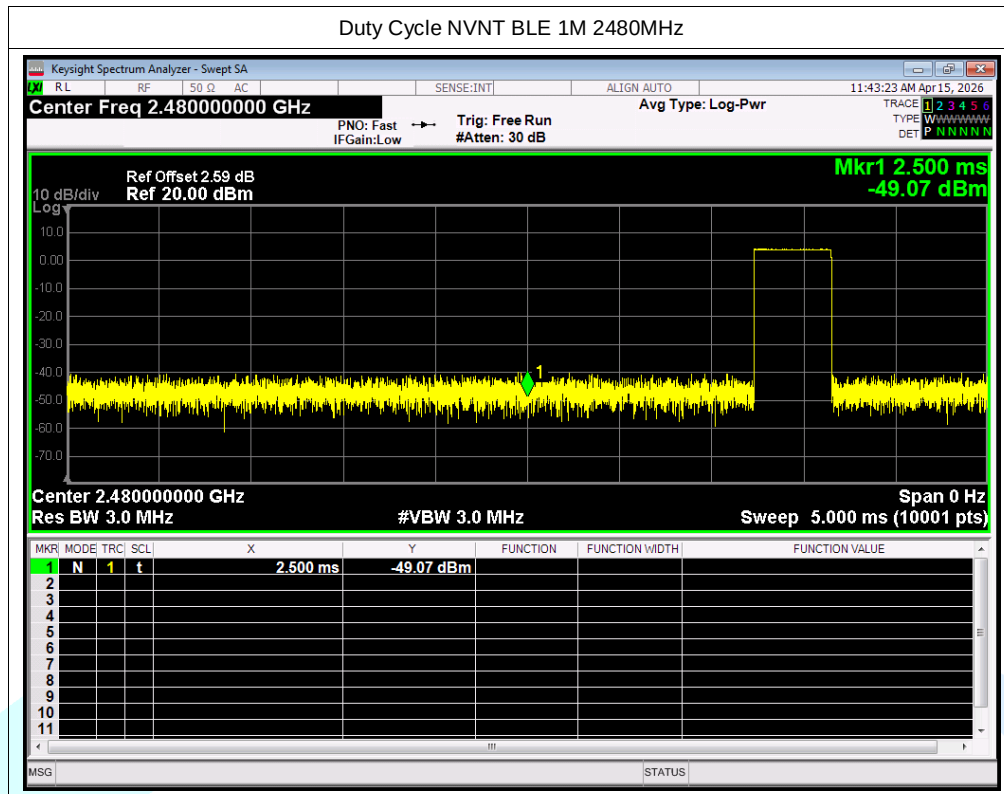
Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz



Duty Cycle NVNT BLE 1M 2440MHz

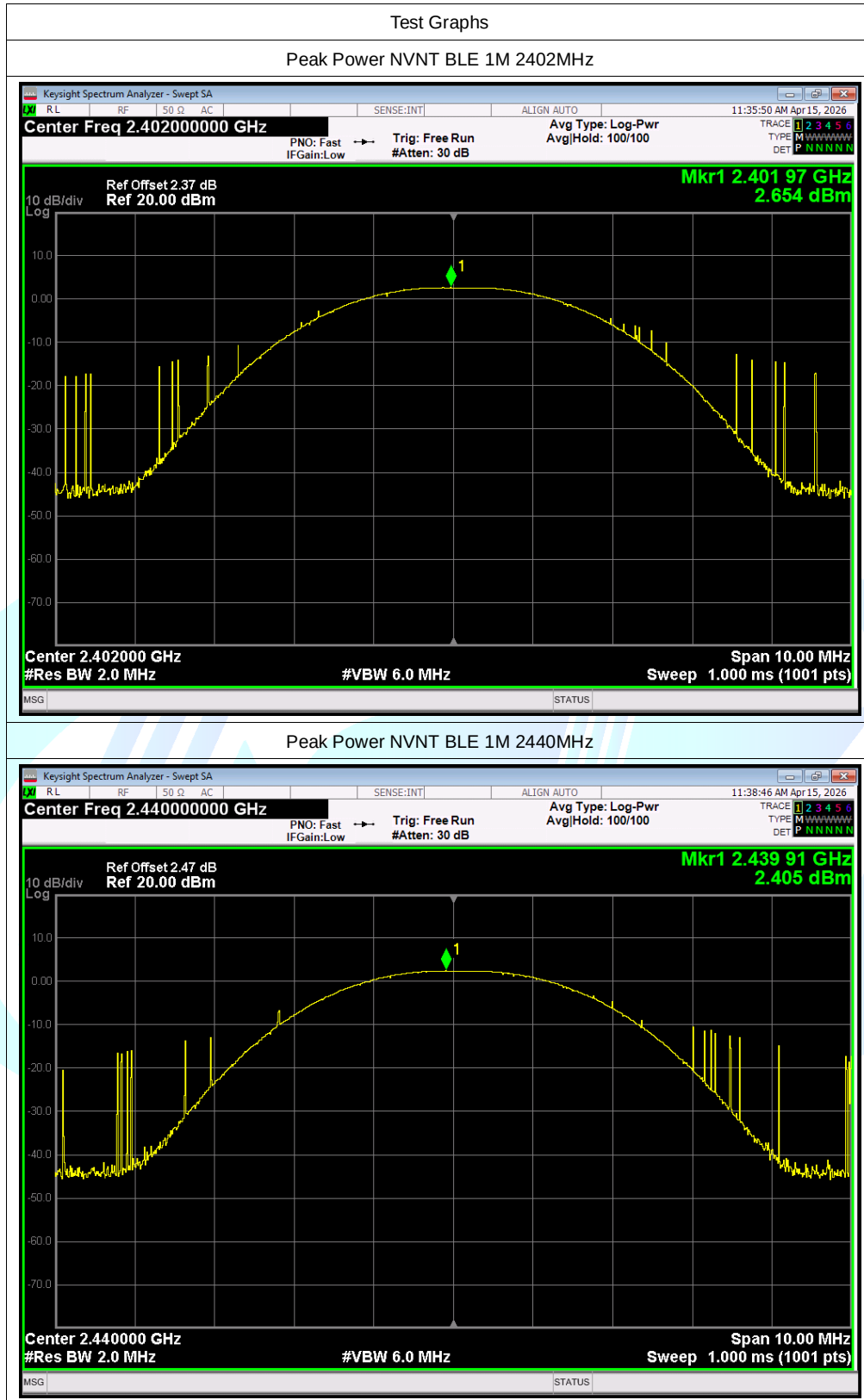


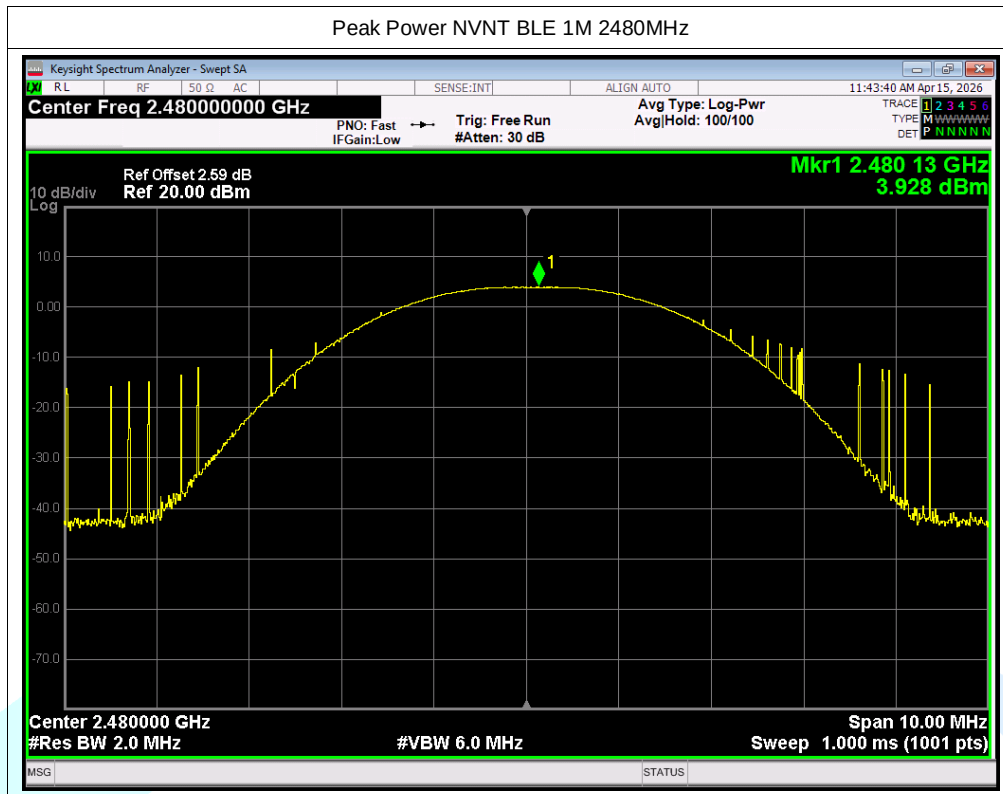


Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted (dBm)	Verdict
NVNT	BLE 1M	2402	2.65	0	2.65	30	Pass
NVNT	BLE 1M	2440	2.40	0	2.40	30	Pass
NVNT	BLE 1M	2480	3.93	0	3.93	30	Pass





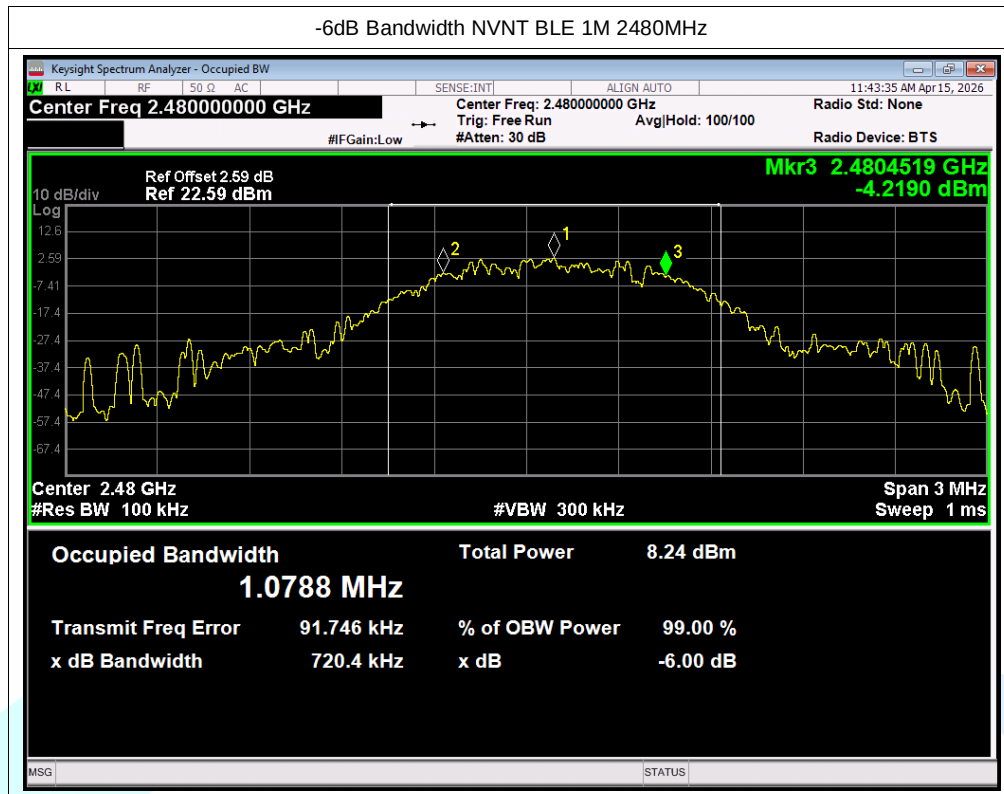


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	0.6758	0.5	Pass
NVNT	BLE 1M	2440	0.639	0.5	Pass
NVNT	BLE 1M	2480	0.7204	0.5	Pass





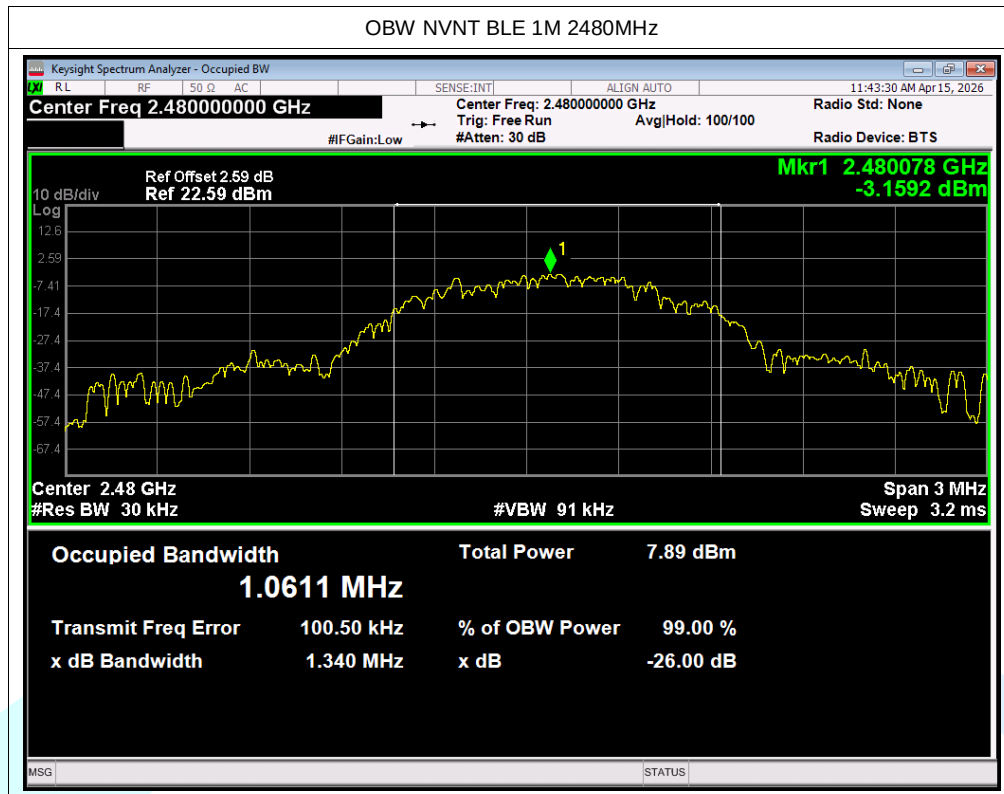


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.0407
NVNT	BLE 1M	2440	1.0561
NVNT	BLE 1M	2480	1.0611



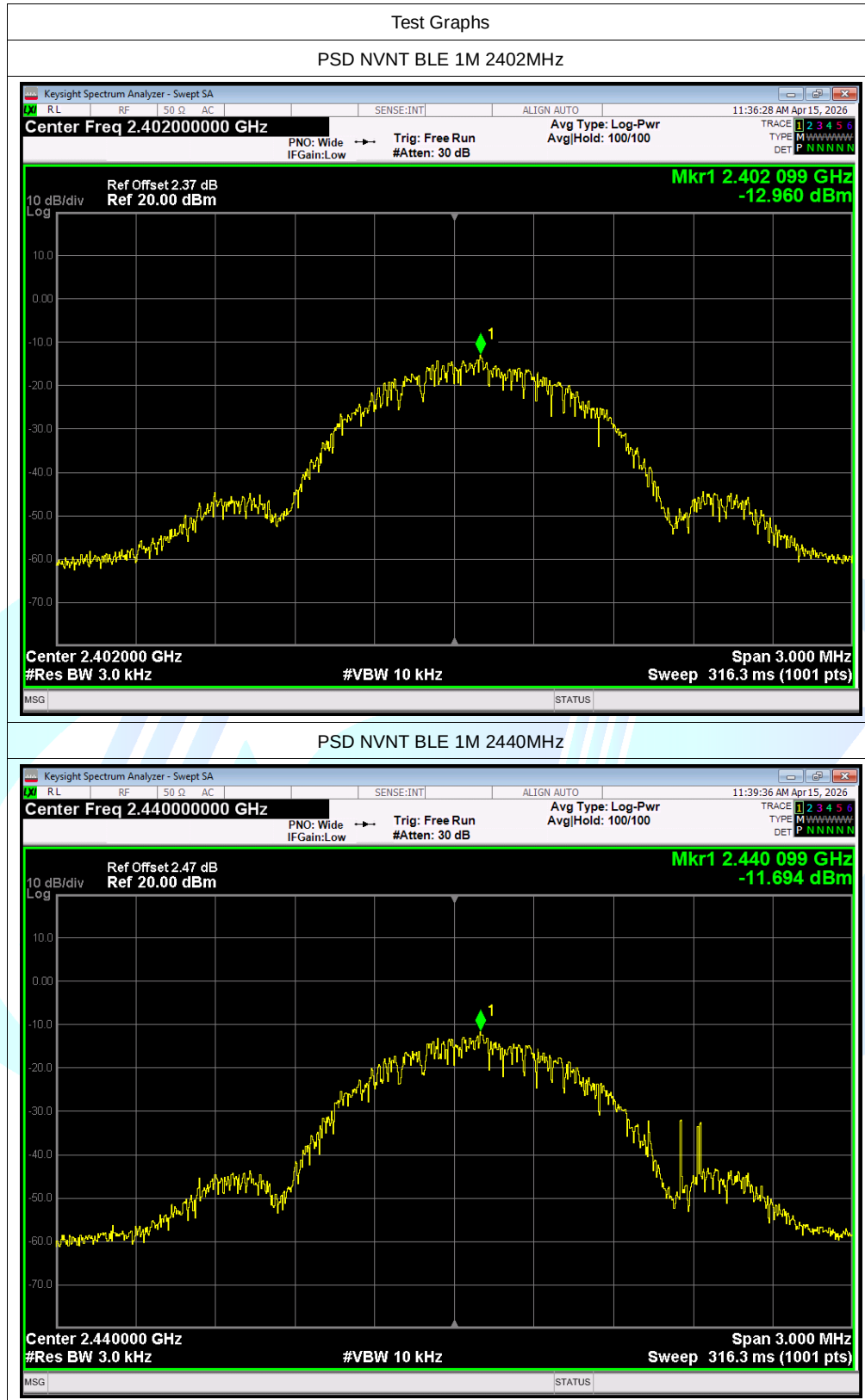


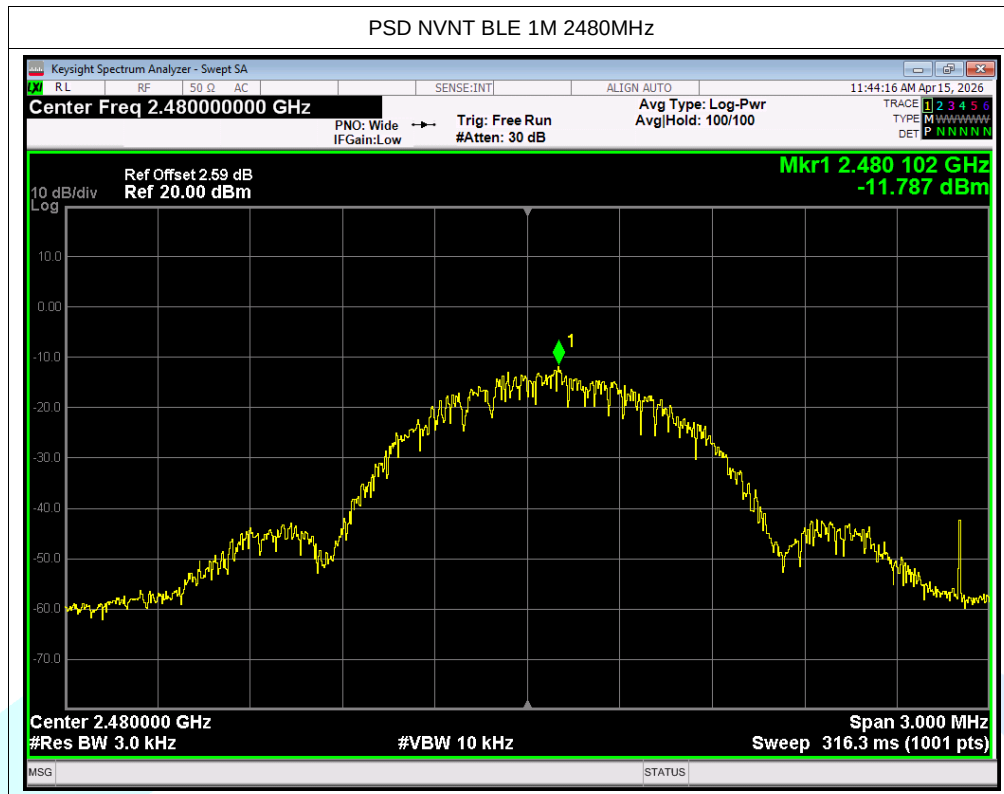


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	-12.96	0	-12.96	8	Pass
NVNT	BLE 1M	2440	-11.69	0	-11.69	8	Pass
NVNT	BLE 1M	2480	-11.79	0	-11.79	8	Pass



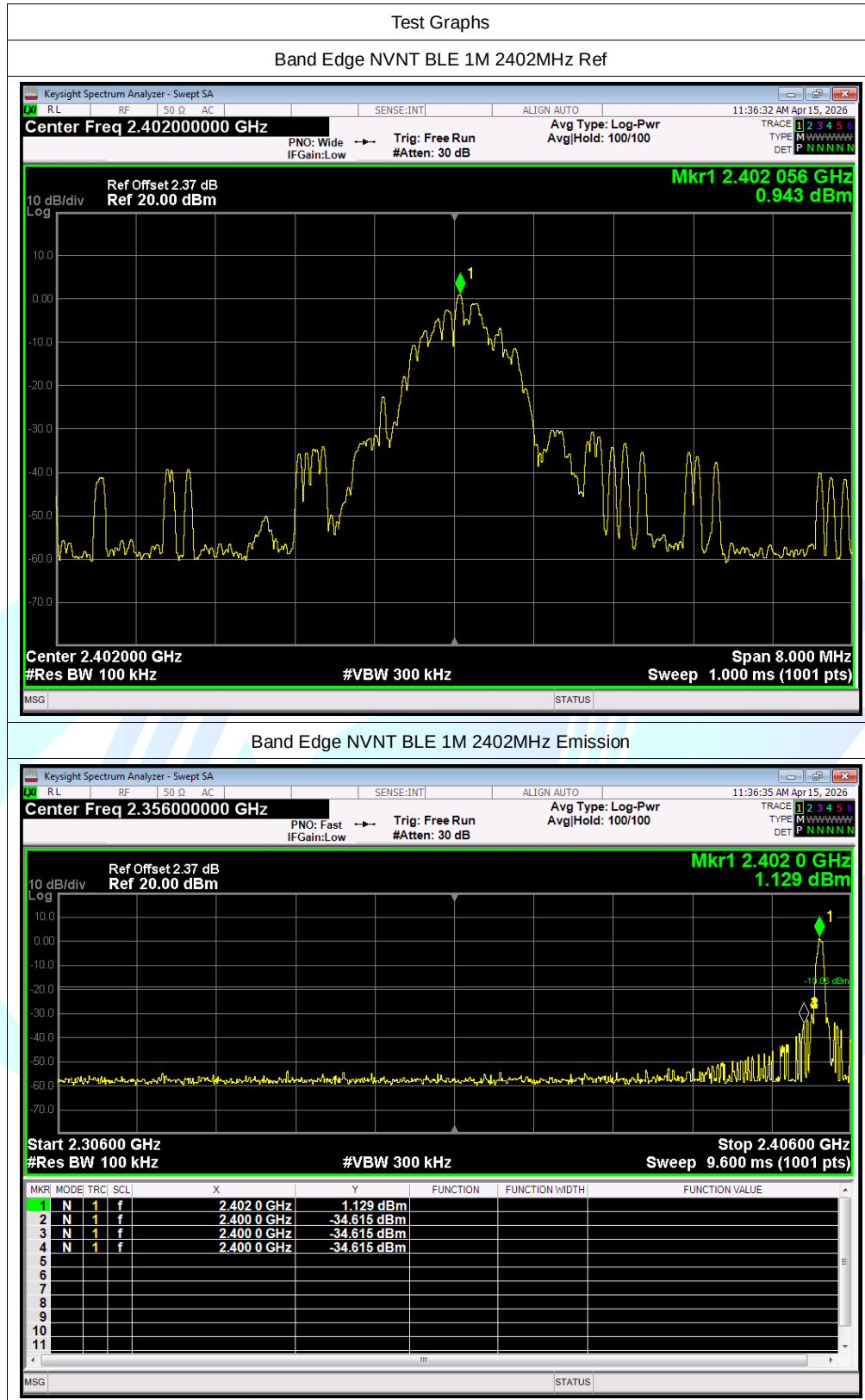


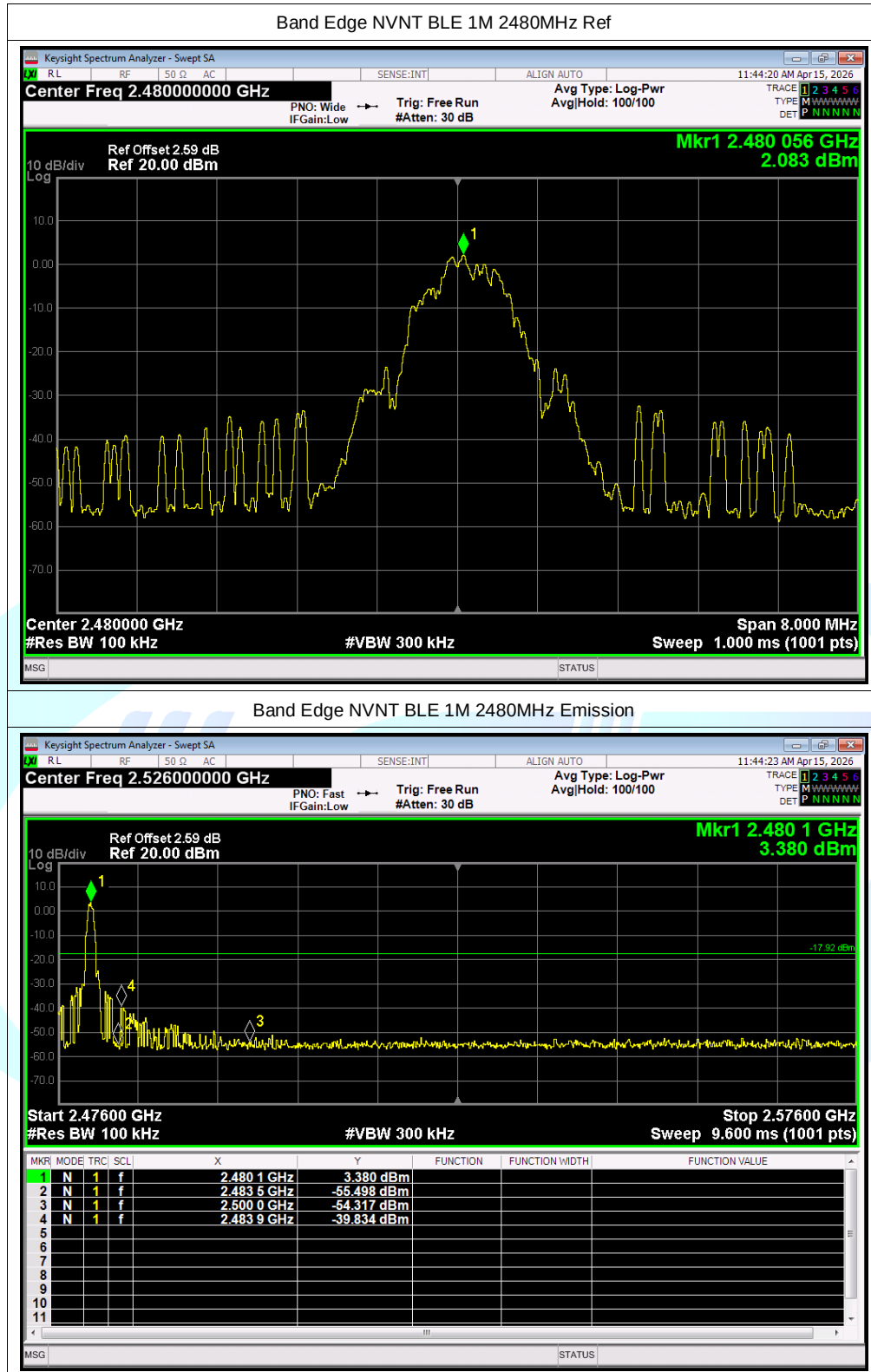


Band Edge

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-35.55	-20	Pass
NVNT	BLE 1M	2480	-41.91	-20	Pass







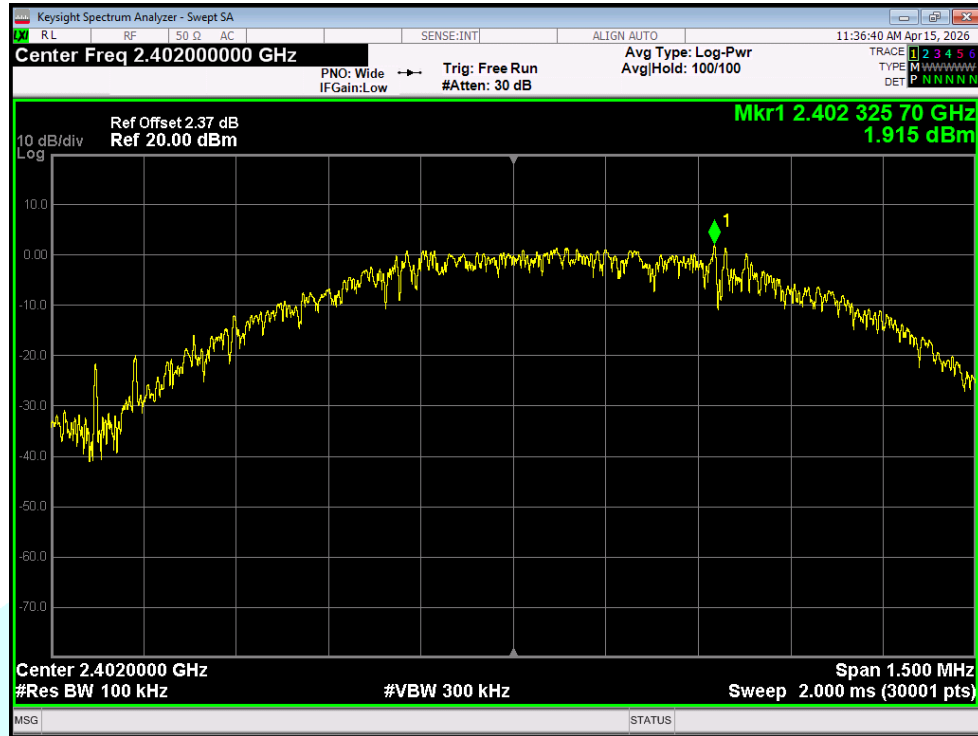
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-35.48	-20	Pass
NVNT	BLE 1M	2440	-40.13	-20	Pass
NVNT	BLE 1M	2480	-43.71	-20	Pass

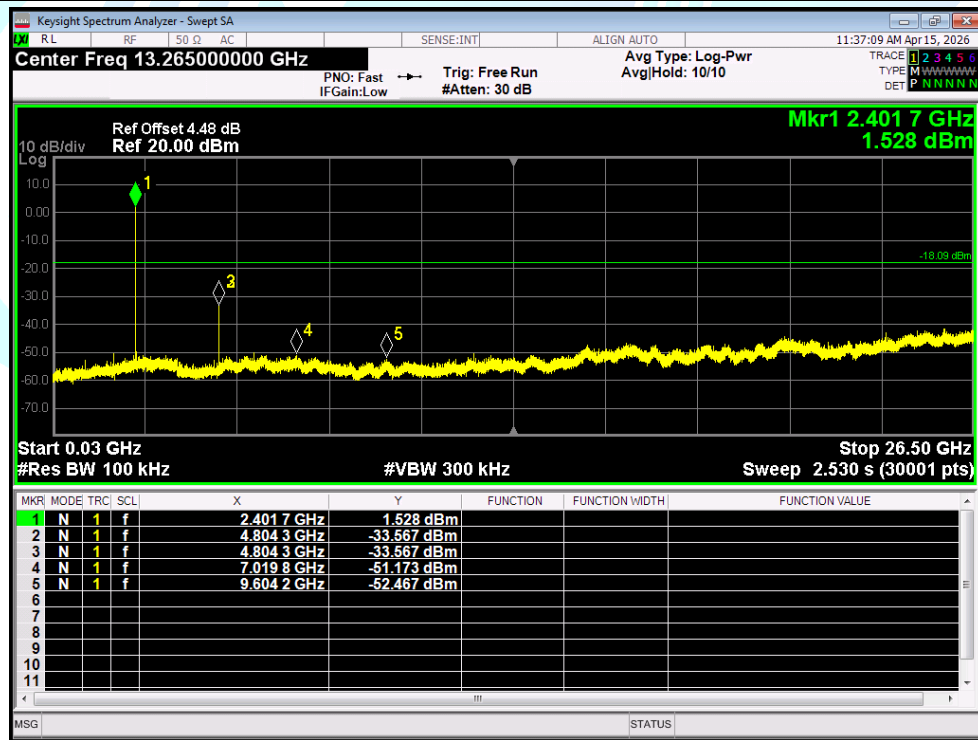


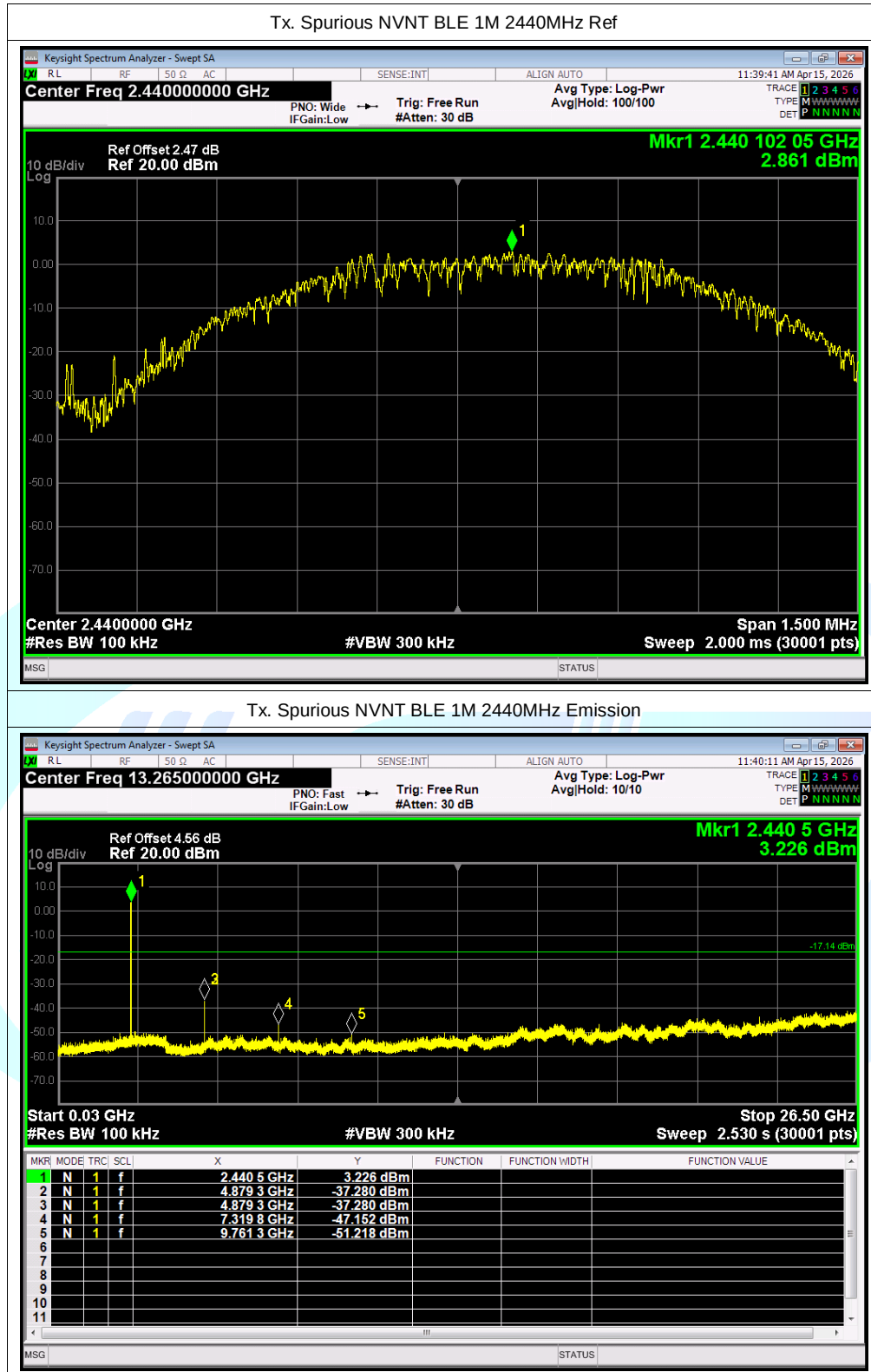
Test Graphs

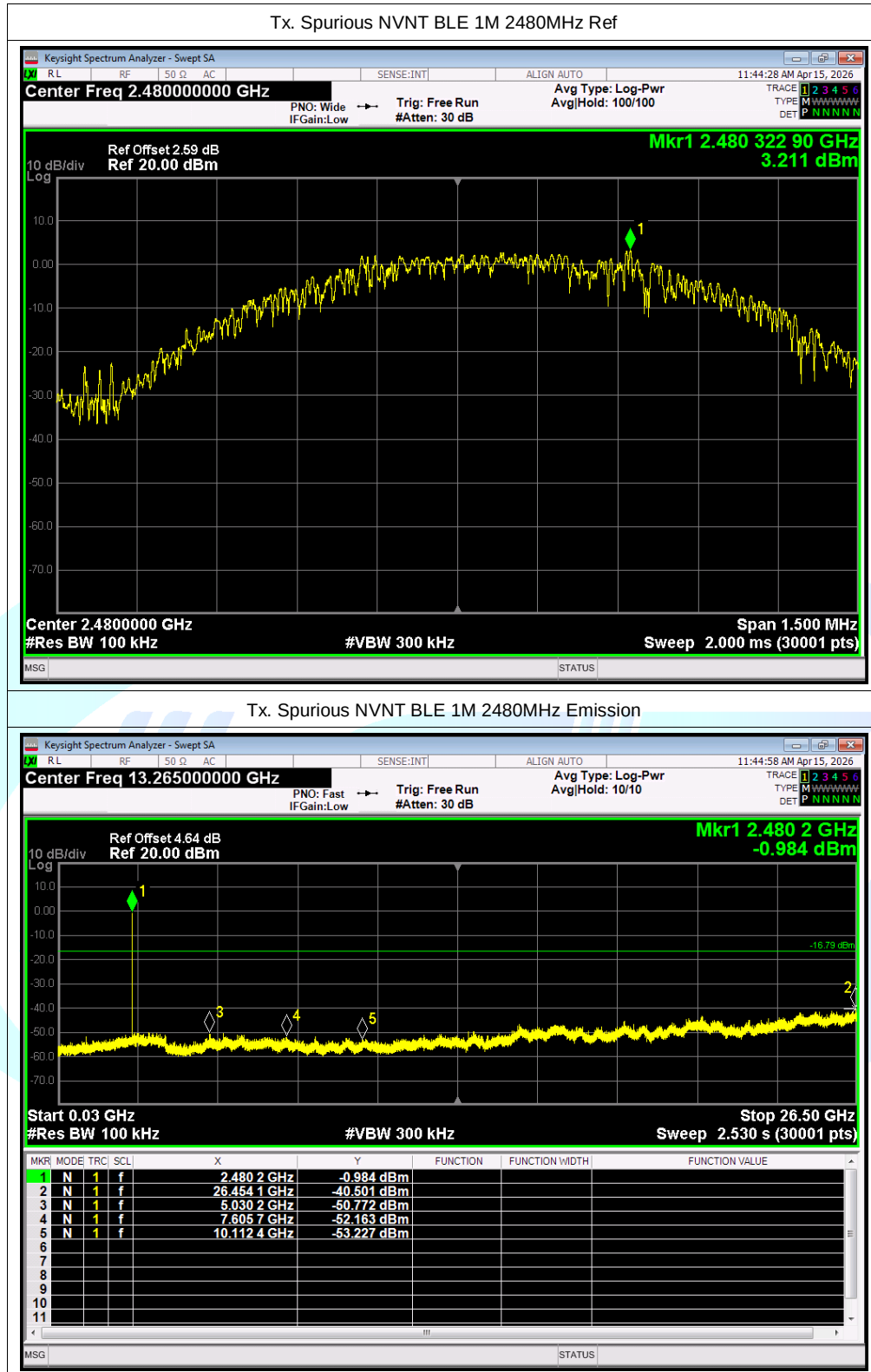
Tx. Spurious NVNT BLE 1M 2402MHz Ref



Tx. Spurious NVNT BLE 1M 2402MHz Emission







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