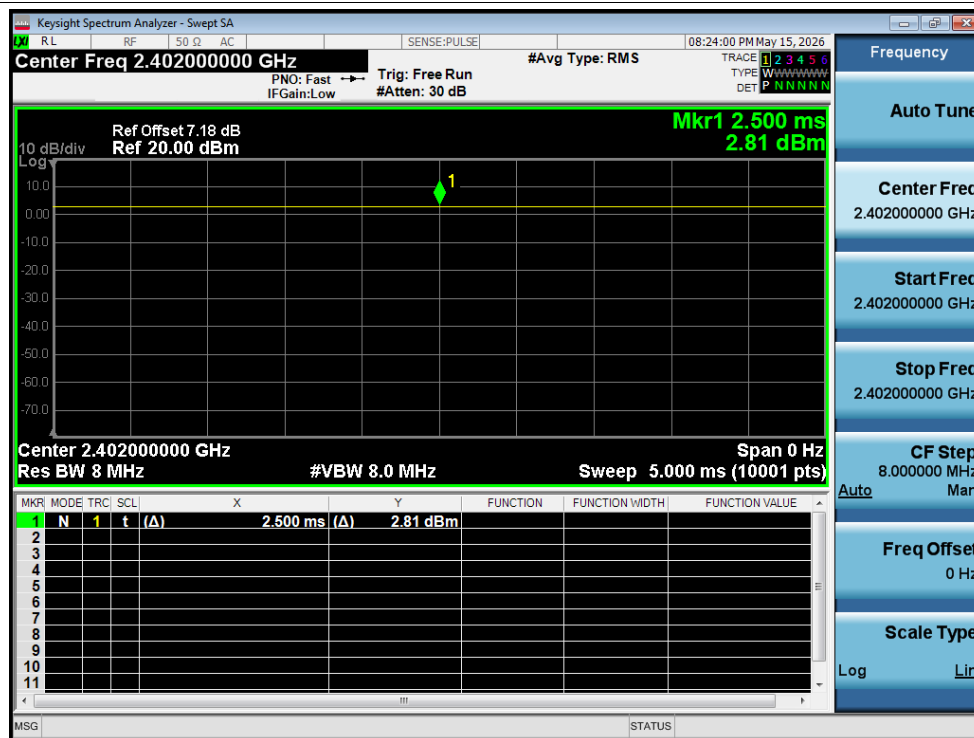


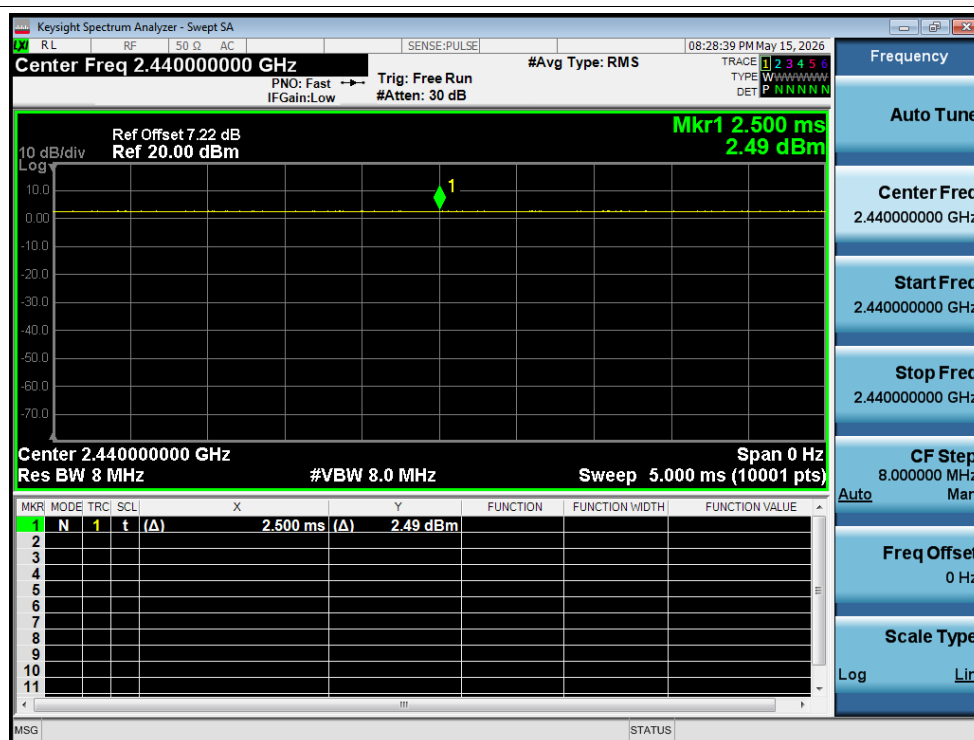
Appendix A

Duty Cycle

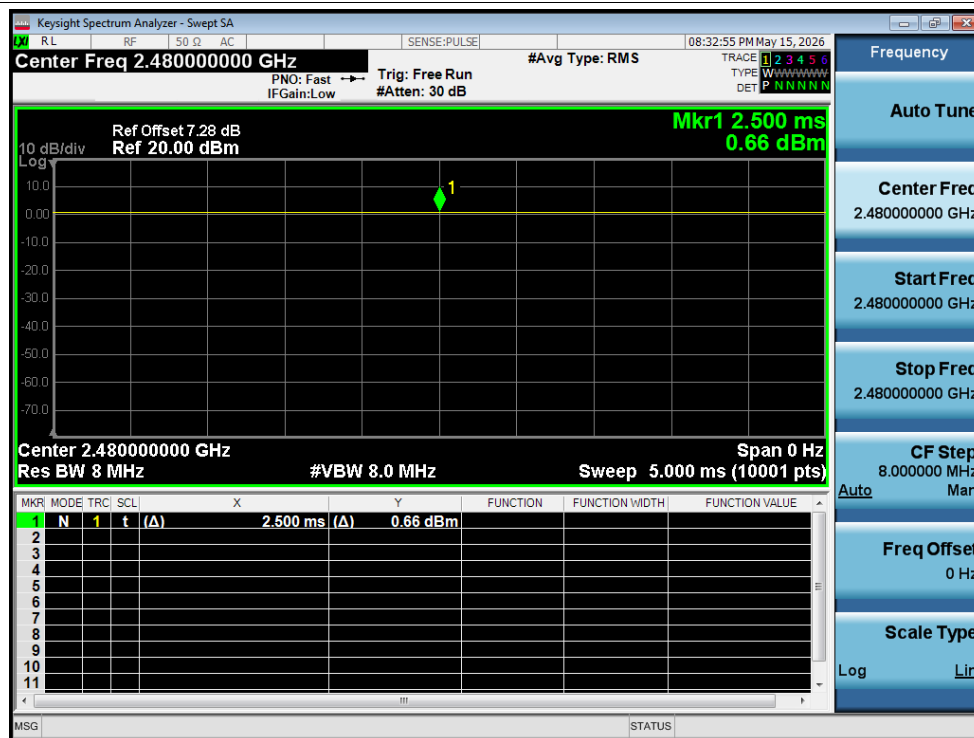
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



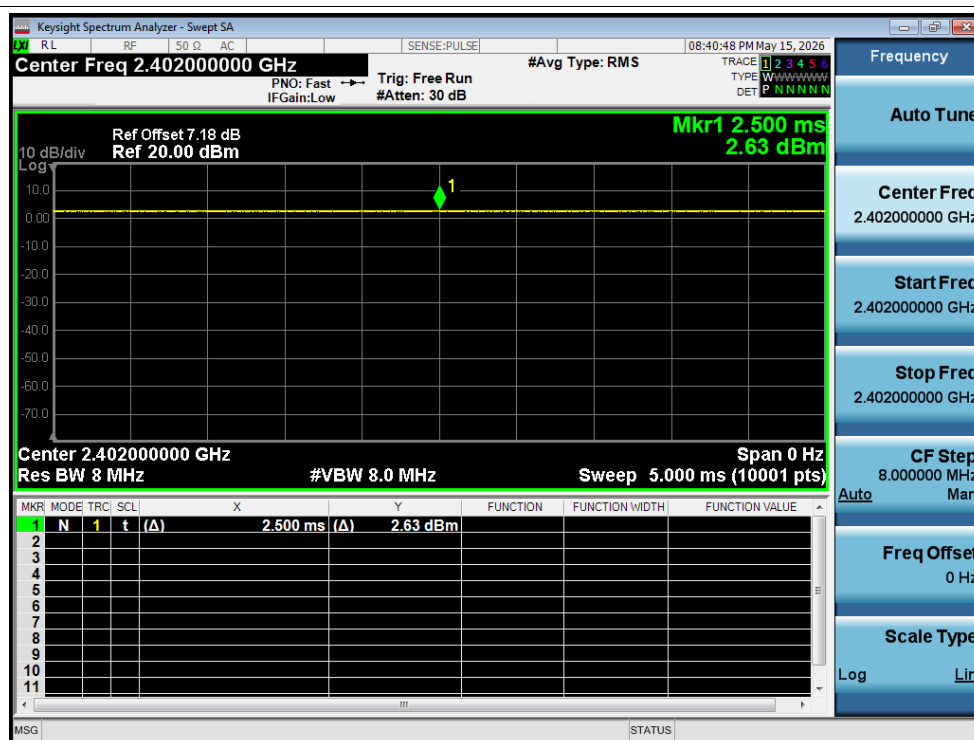
Duty Cycle NVNT BLE 1M 2402MHz Ant1



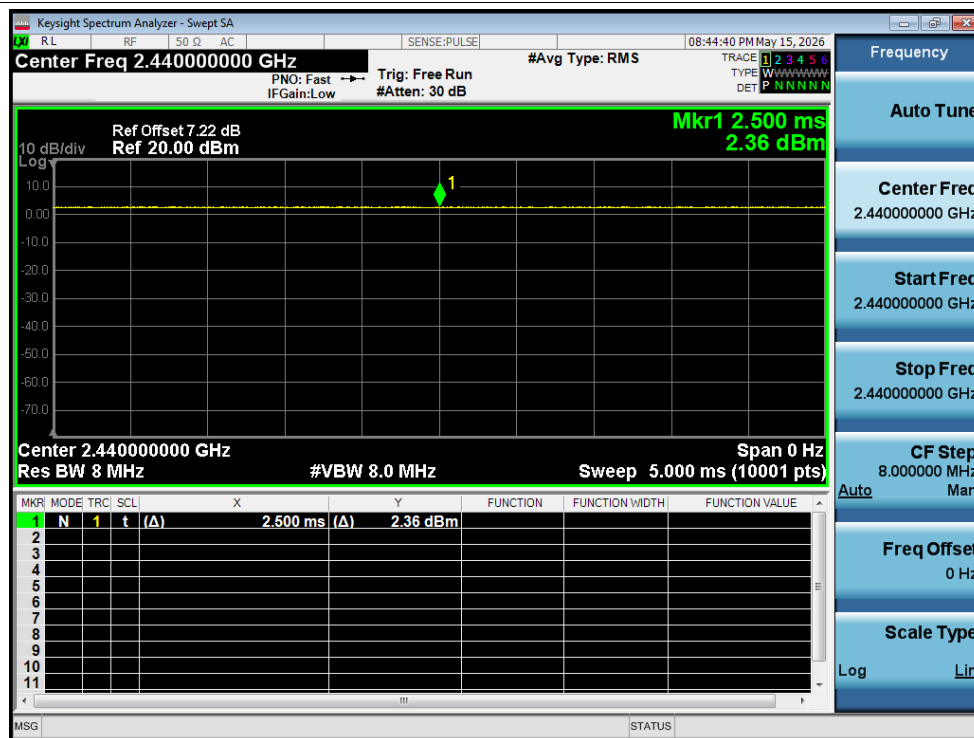
Duty Cycle NVNT BLE 1M 2440MHz Ant1



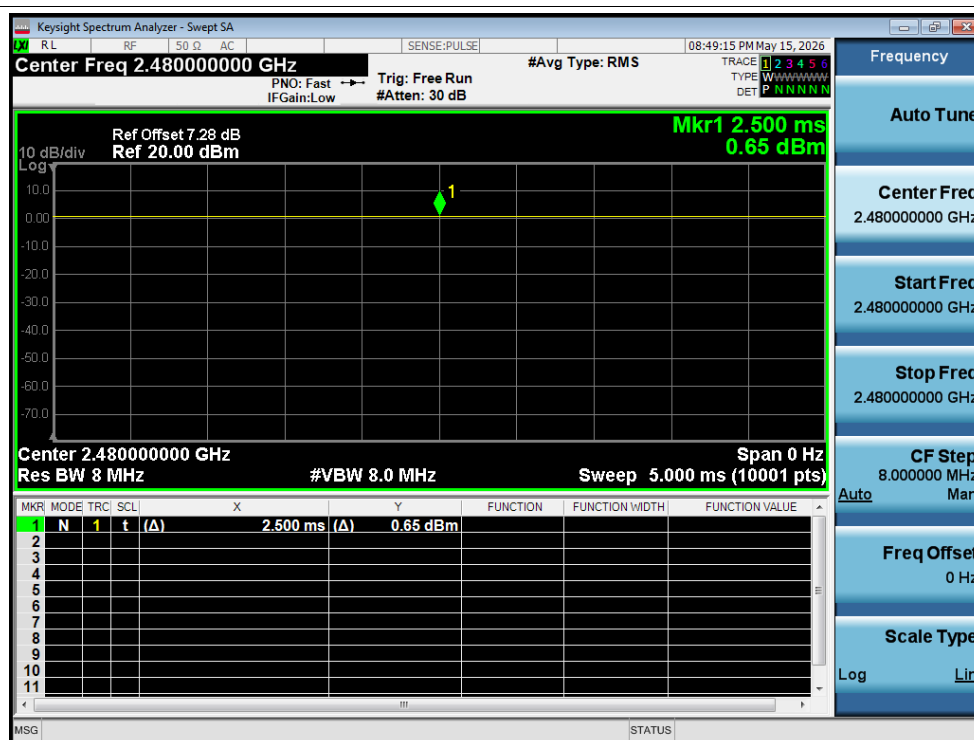
Duty Cycle NVNT BLE 1M 2480MHz Ant1



Duty Cycle NVNT BLE 2M 2402MHz Ant1



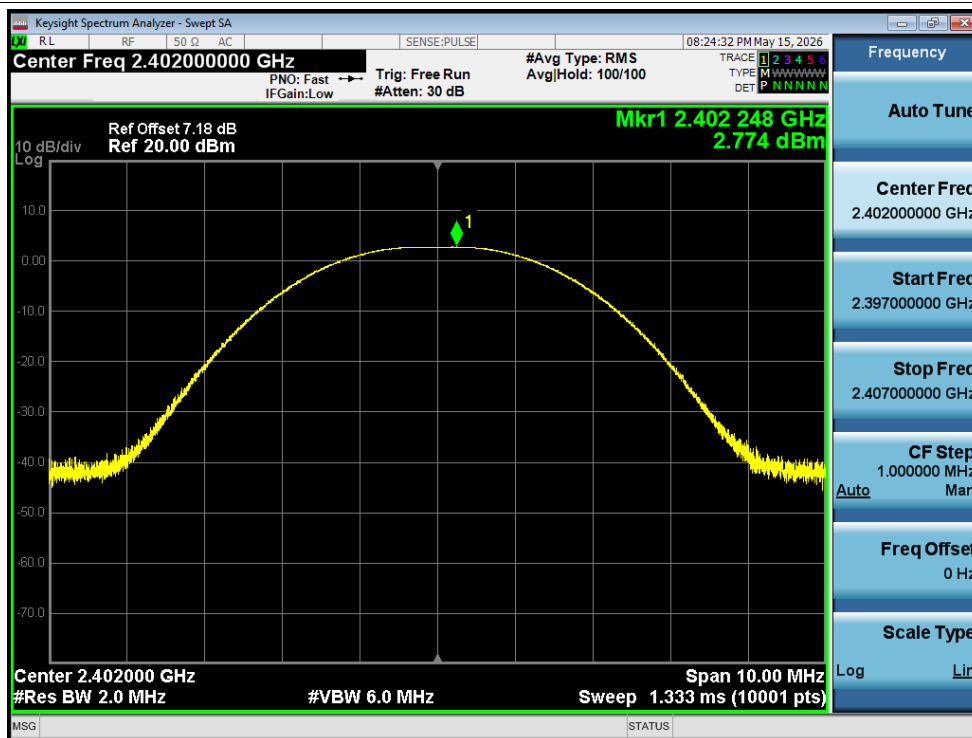
Duty Cycle NVNT BLE 2M 2440MHz Ant1



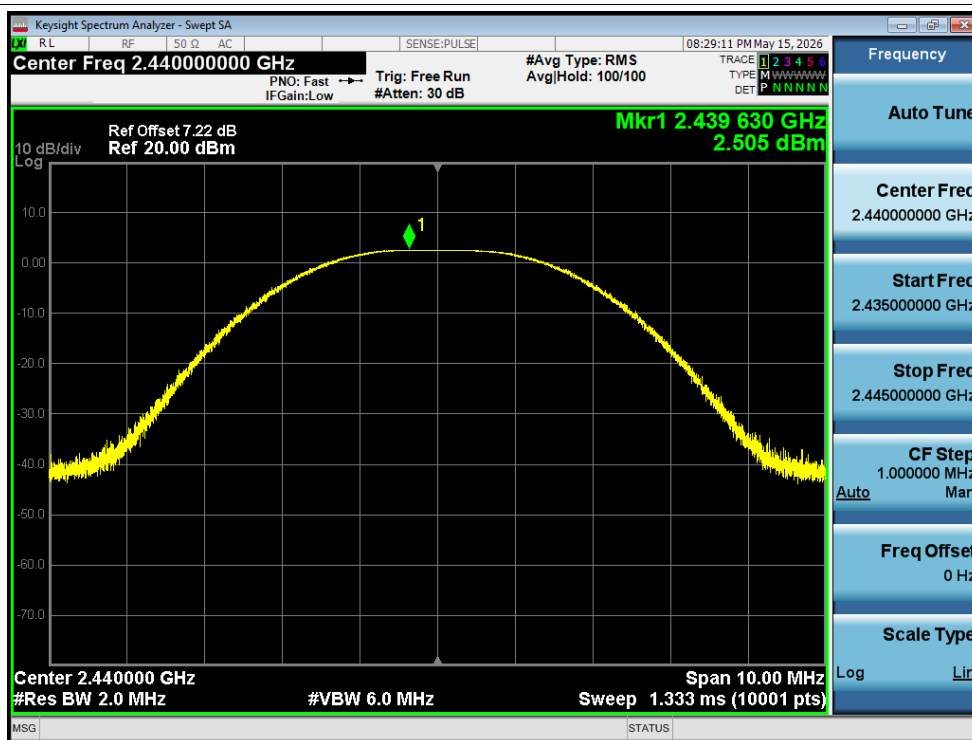
Duty Cycle NVNT BLE 2M 2480MHz Ant1

Maximum Peak Conducted Output Power

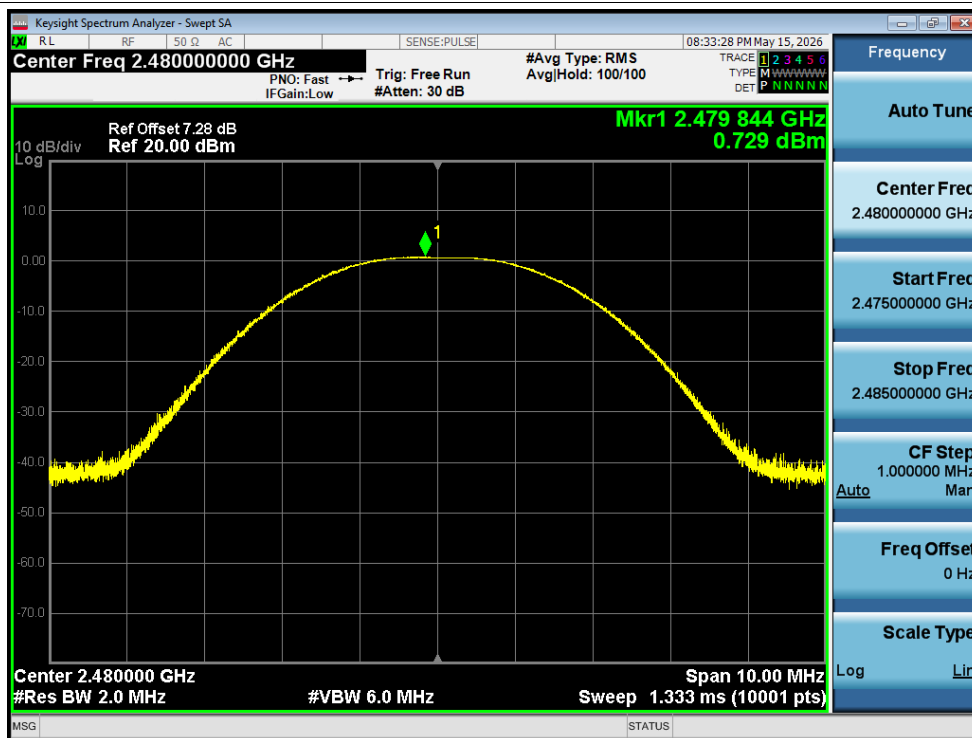
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.77	0.00189	30	Pass
NVNT	BLE 1M	2440	Ant1	2.51	0.00178	30	Pass
NVNT	BLE 1M	2480	Ant1	0.73	0.00118	30	Pass
NVNT	BLE 2M	2402	Ant1	2.71	0.00187	30	Pass
NVNT	BLE 2M	2440	Ant1	2.48	0.00177	30	Pass
NVNT	BLE 2M	2480	Ant1	0.71	0.00118	30	Pass



Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1



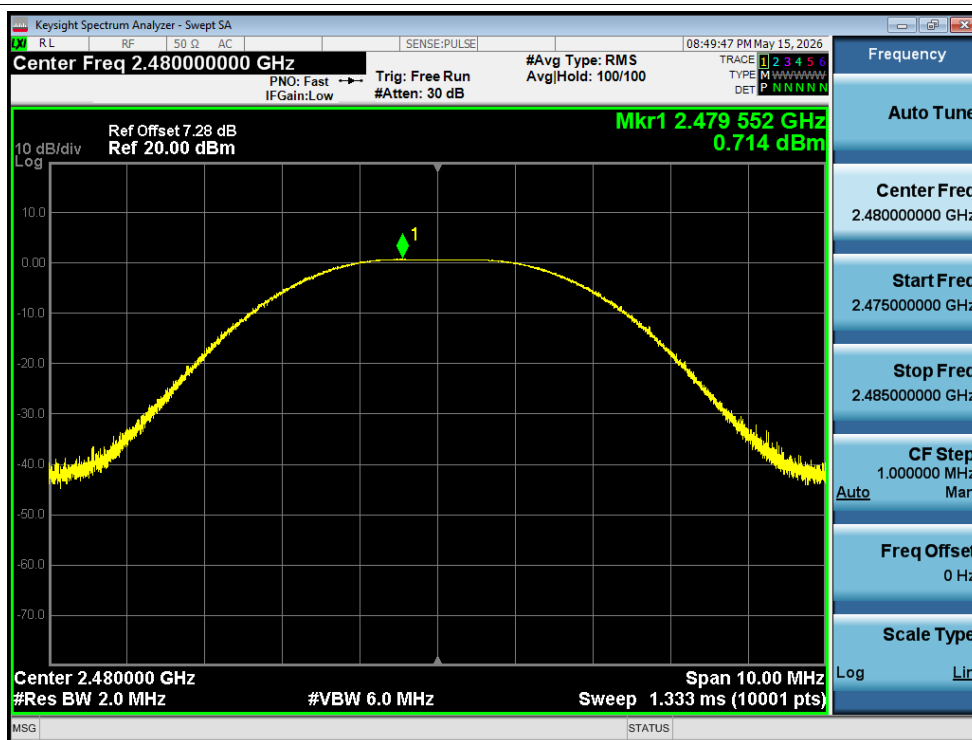
Peak Power NVNT BLE 1M 2480MHz Ant1



Peak Power NVNT BLE 2M 2402MHz Ant1



Peak Power NVNT BLE 2M 2440MHz Ant1



Peak Power NVNT BLE 2M 2480MHz Ant1

-6dB Bandwidth

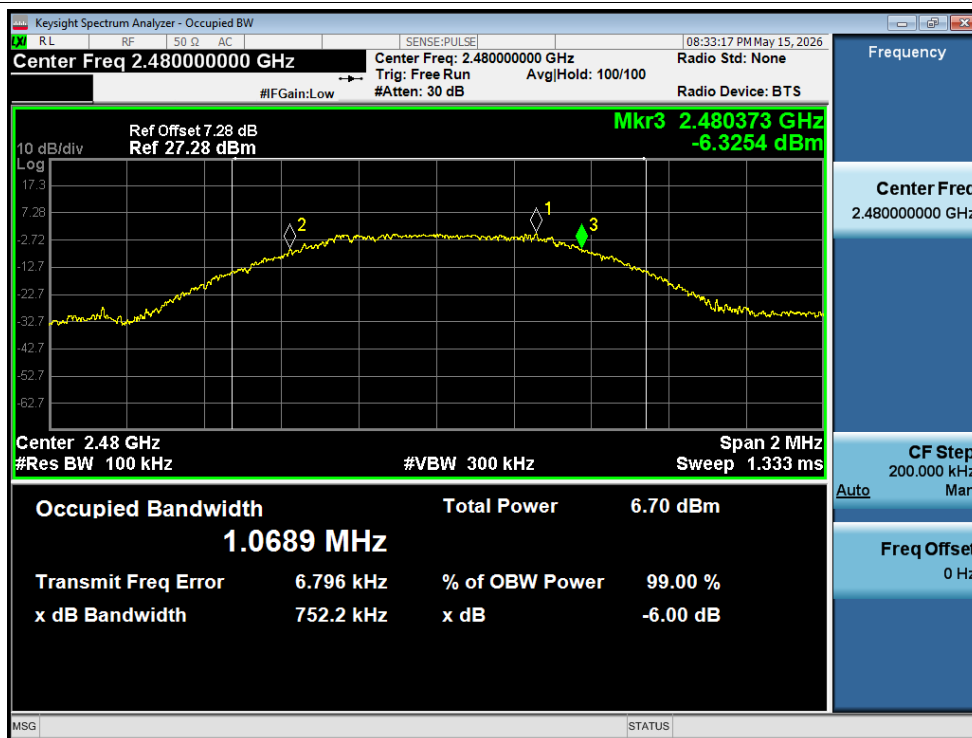
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.6817	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.8728	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.7522	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.117	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.706	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.296	0.5	Pass



-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0178
NVNT	BLE 1M	2440	Ant1	1.3803
NVNT	BLE 1M	2480	Ant1	1.0657
NVNT	BLE 2M	2402	Ant1	1.9396
NVNT	BLE 2M	2440	Ant1	2.3946
NVNT	BLE 2M	2480	Ant1	2.0291



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1



OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2440MHz Ant1



OBW NVNT BLE 2M 2480MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.52	0	-12.52	8	Pass
NVNT	BLE 1M	2440	Ant1	-14.69	0	-14.69	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.43	0	-13.43	8	Pass
NVNT	BLE 2M	2402	Ant1	-15.48	0	-15.48	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.25	0	-17.25	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.48	0	-18.48	8	Pass



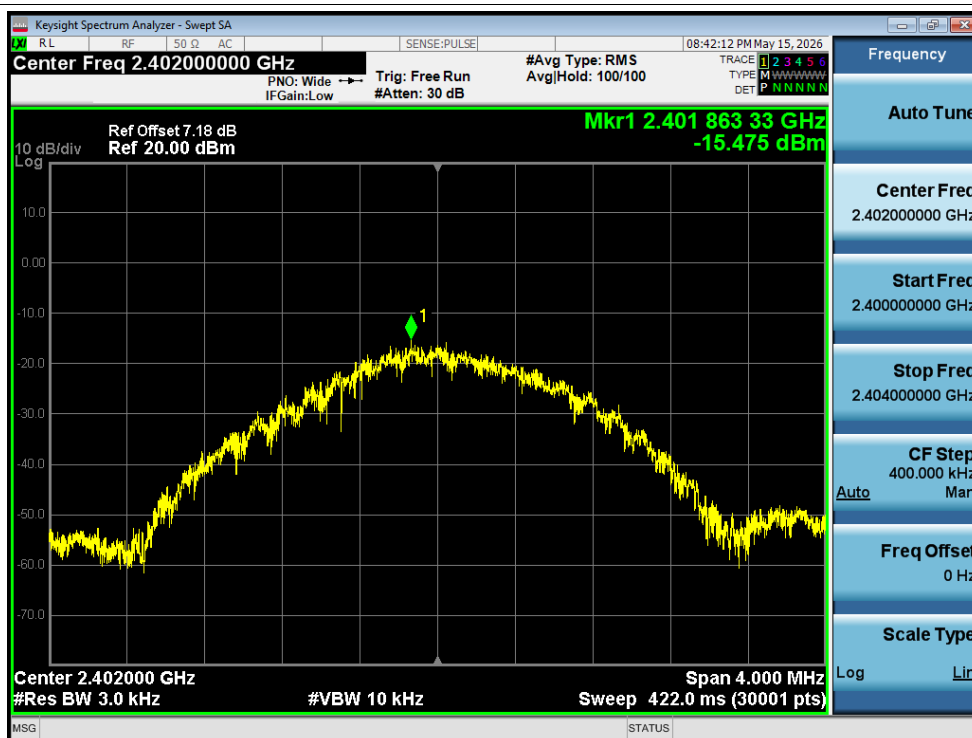
PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



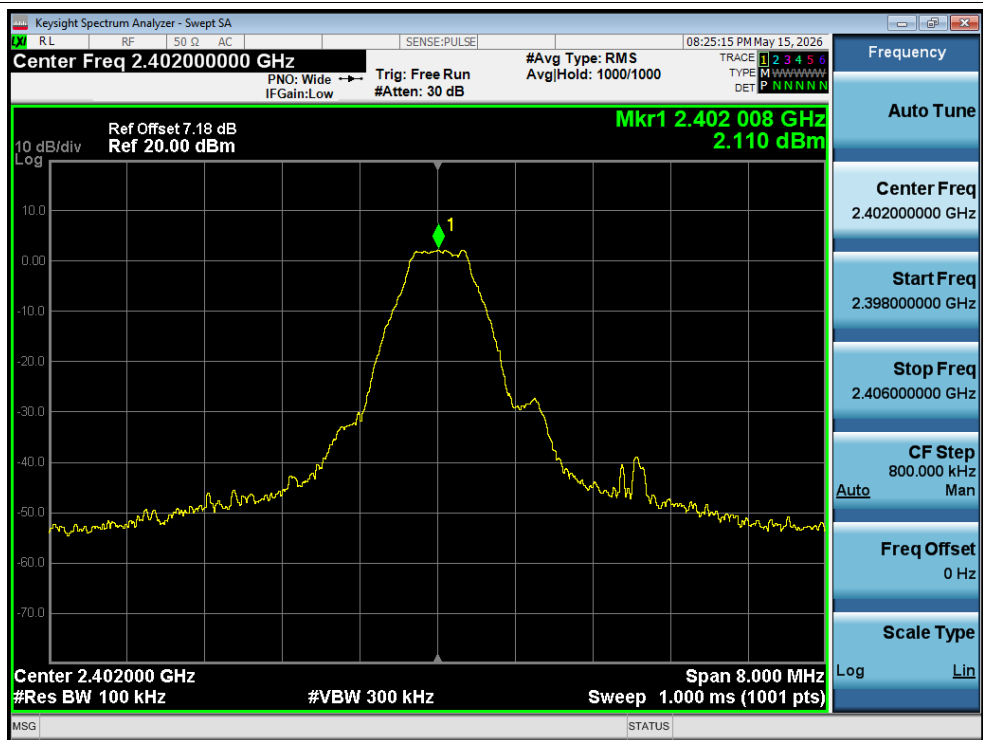
PSD NVNT BLE 2M 2440MHz Ant1



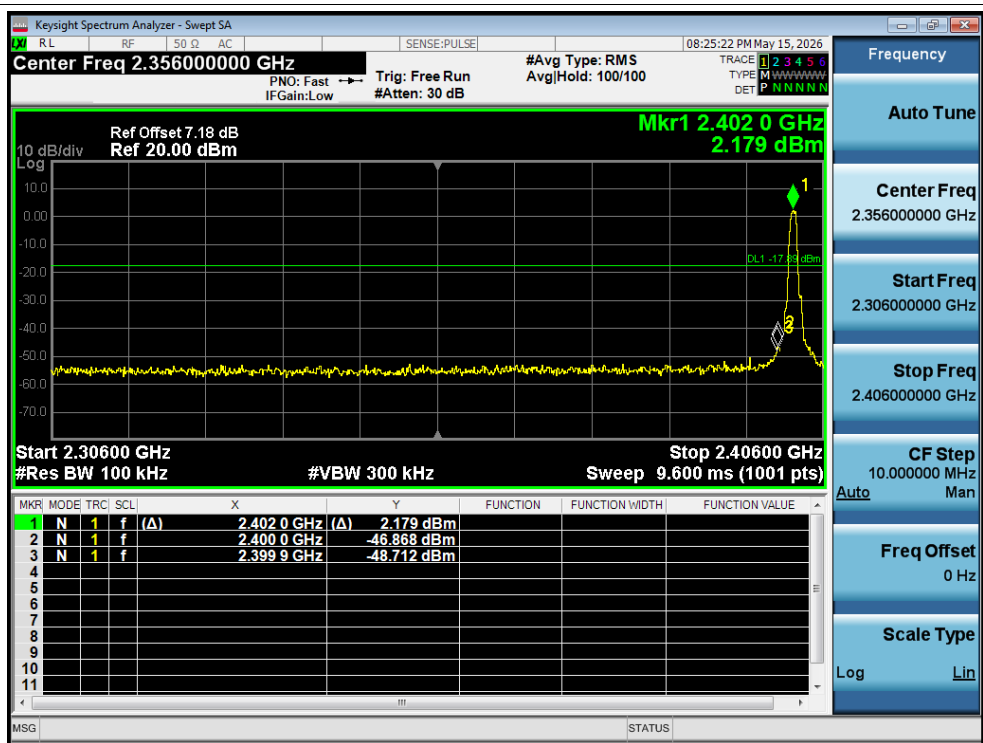
PSD NVNT BLE 2M 2480MHz Ant1

Band Edge

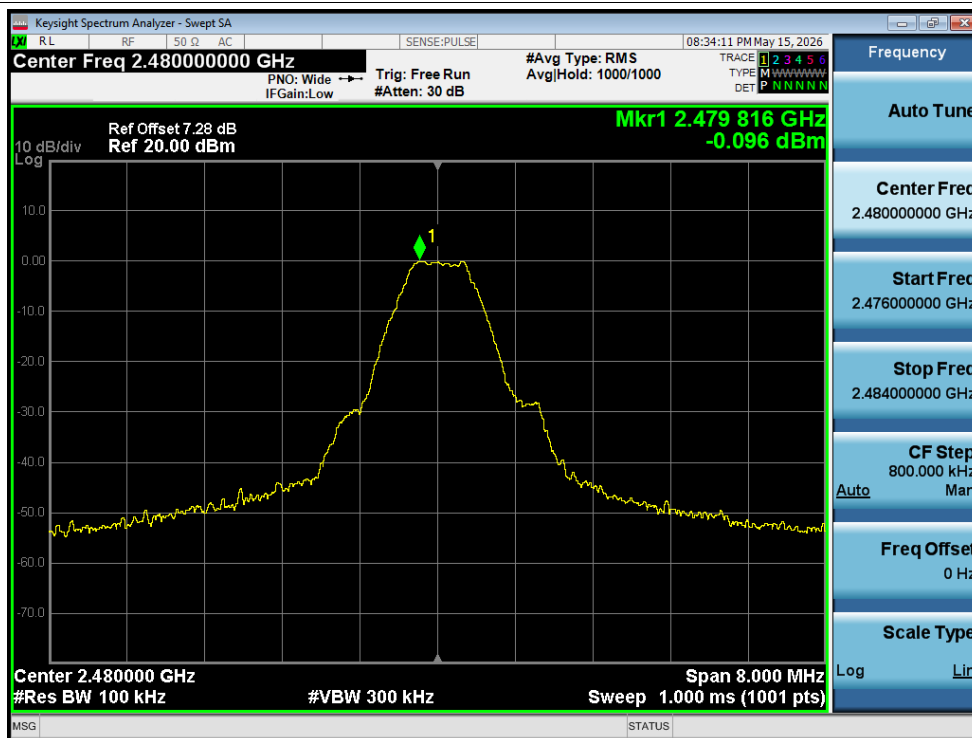
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.98	-20	Pass
NVNT	BLE 1M	2480	Ant1	-51.58	-20	Pass
NVNT	BLE 2M	2402	Ant1	-38.46	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.07	-20	Pass



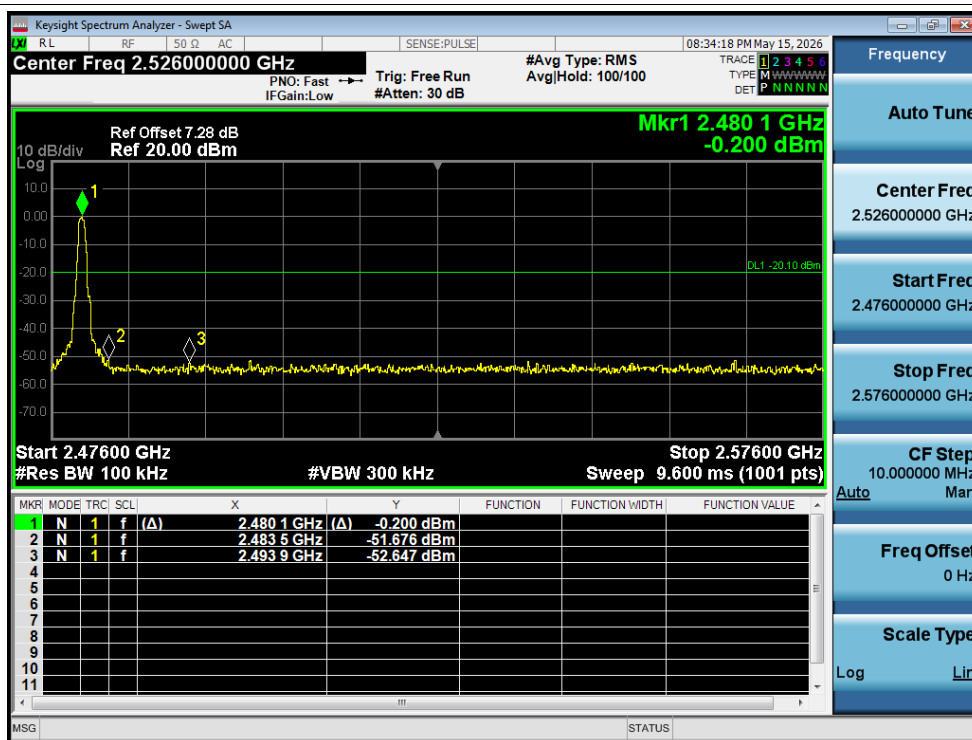
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



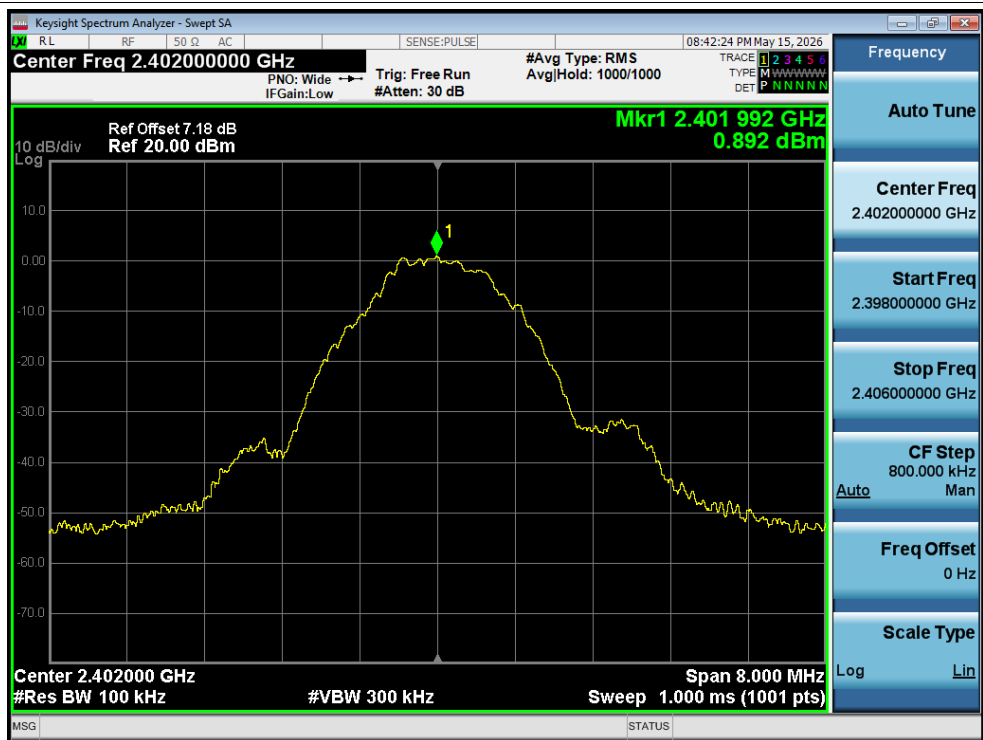
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



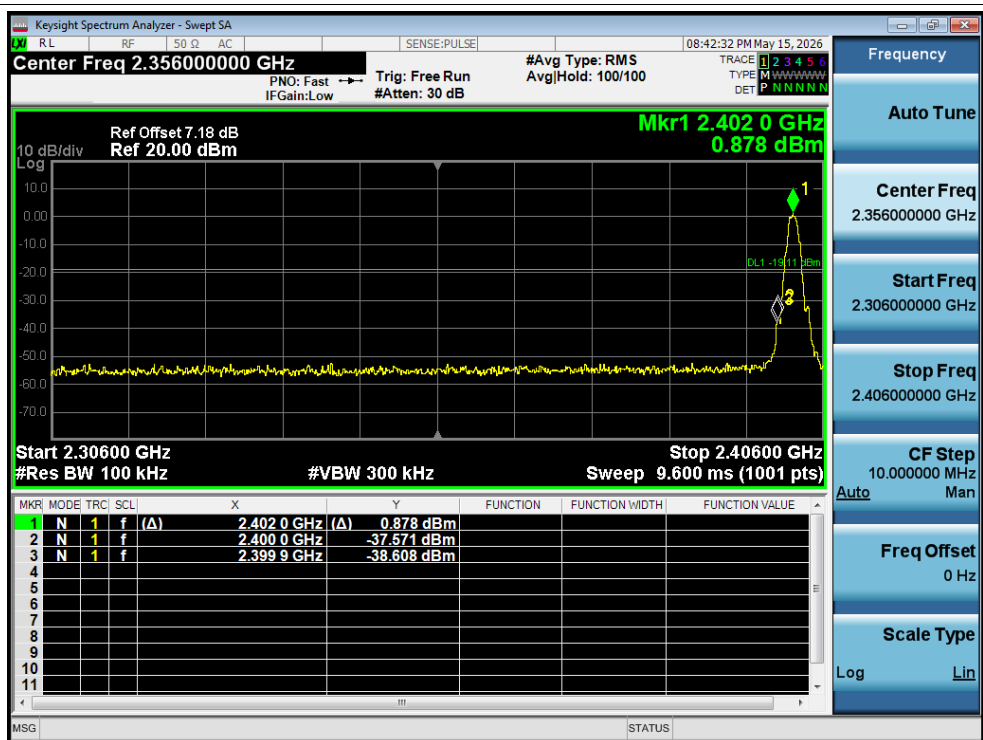
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



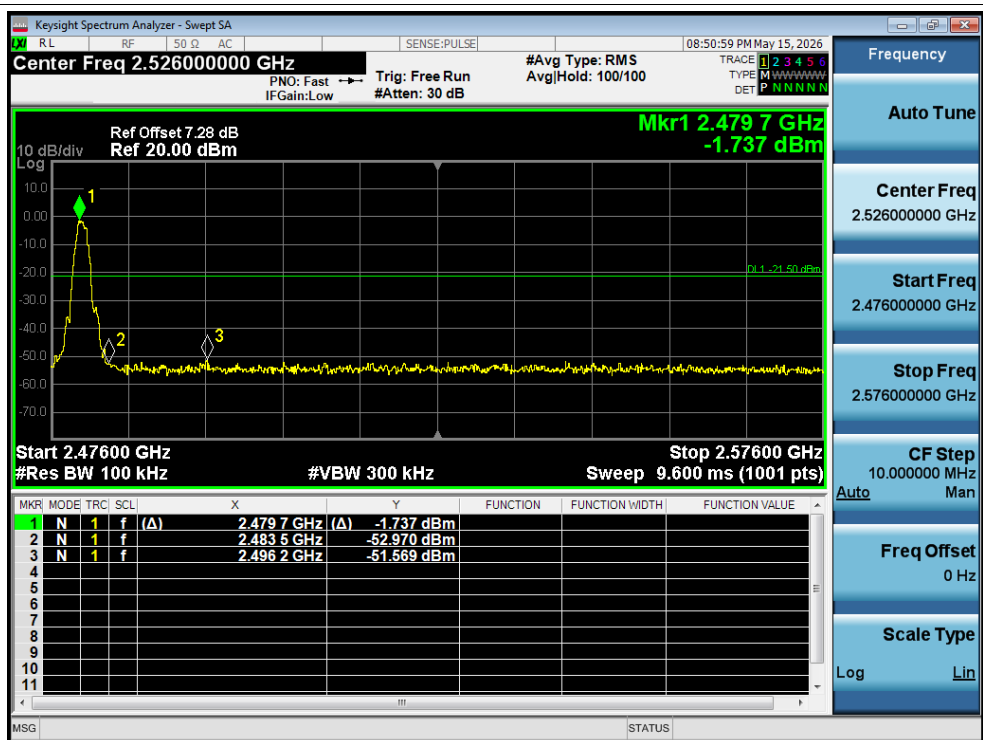
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



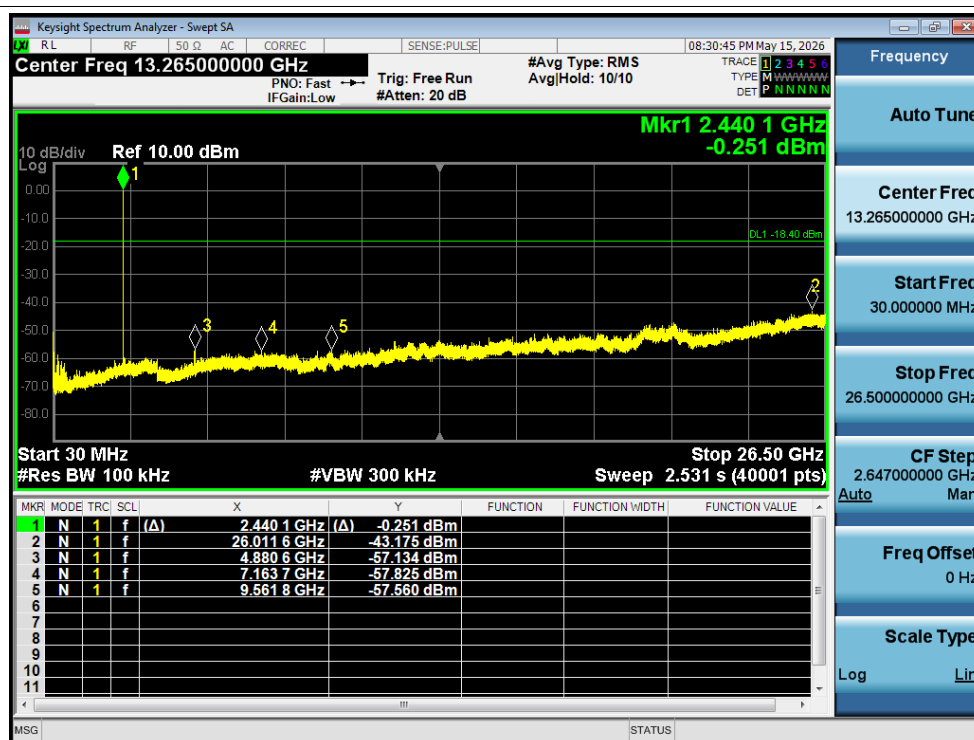
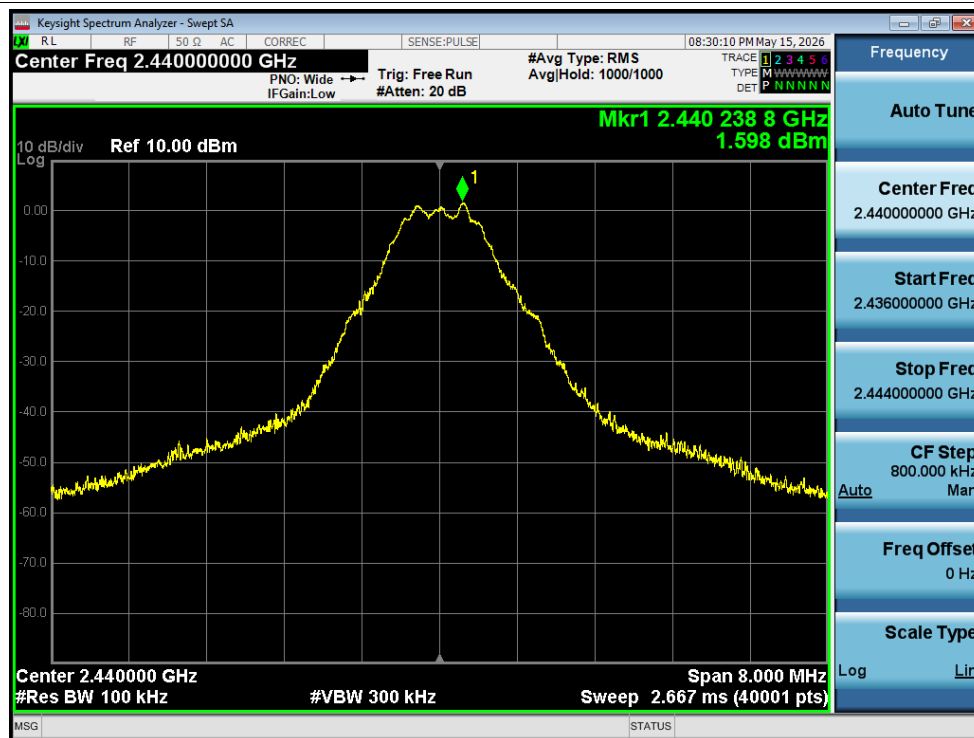
Band Edge NVNT BLE 2M 2480MHz Ant1 Ref

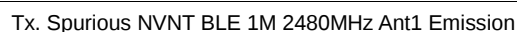


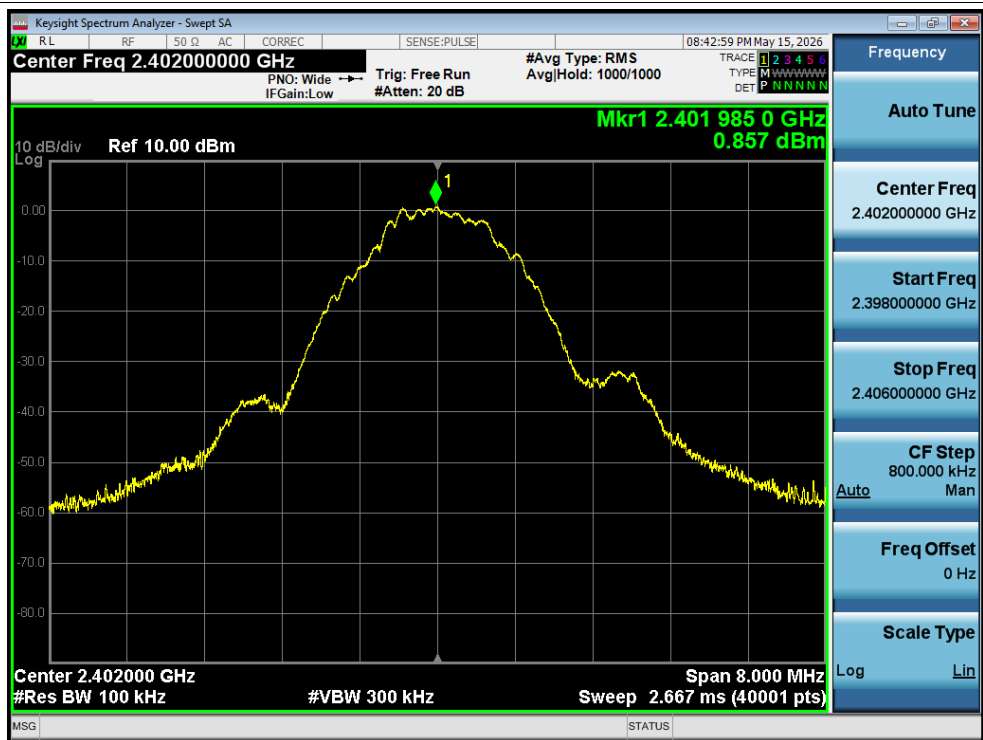
Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

Conducted RF Spurious Emission

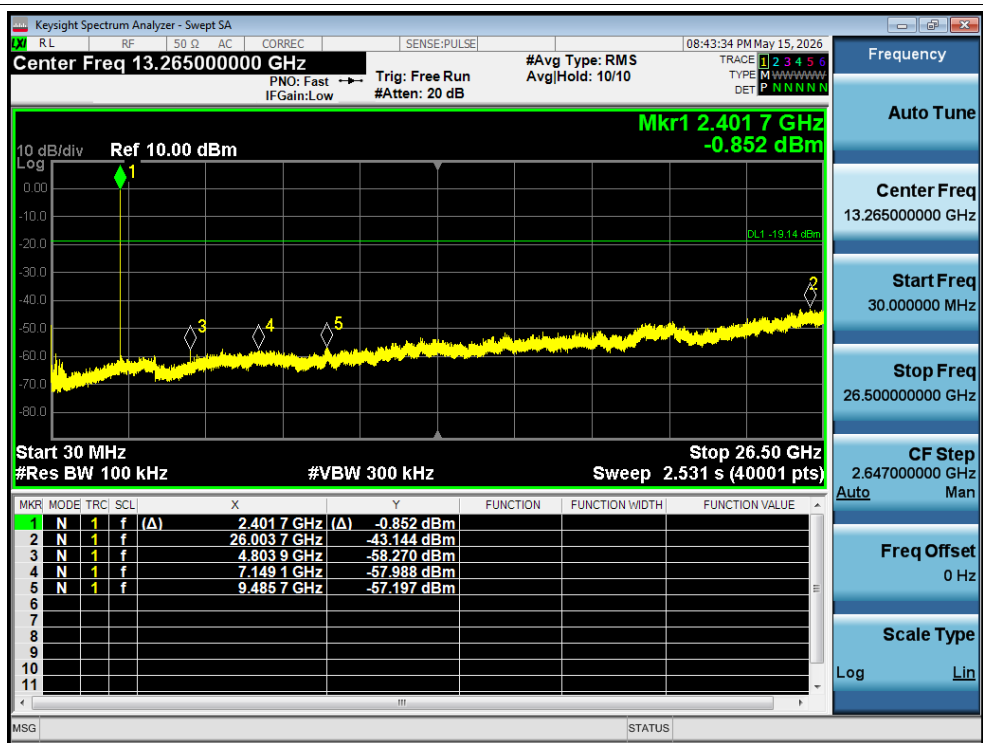
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.66	-20	Pass
NVNT	BLE 1M	2440	Ant1	-44.78	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.08	-20	Pass
NVNT	BLE 2M	2402	Ant1	-44	-20	Pass
NVNT	BLE 2M	2440	Ant1	-41.77	-20	Pass
NVNT	BLE 2M	2480	Ant1	-41.77	-20	Pass



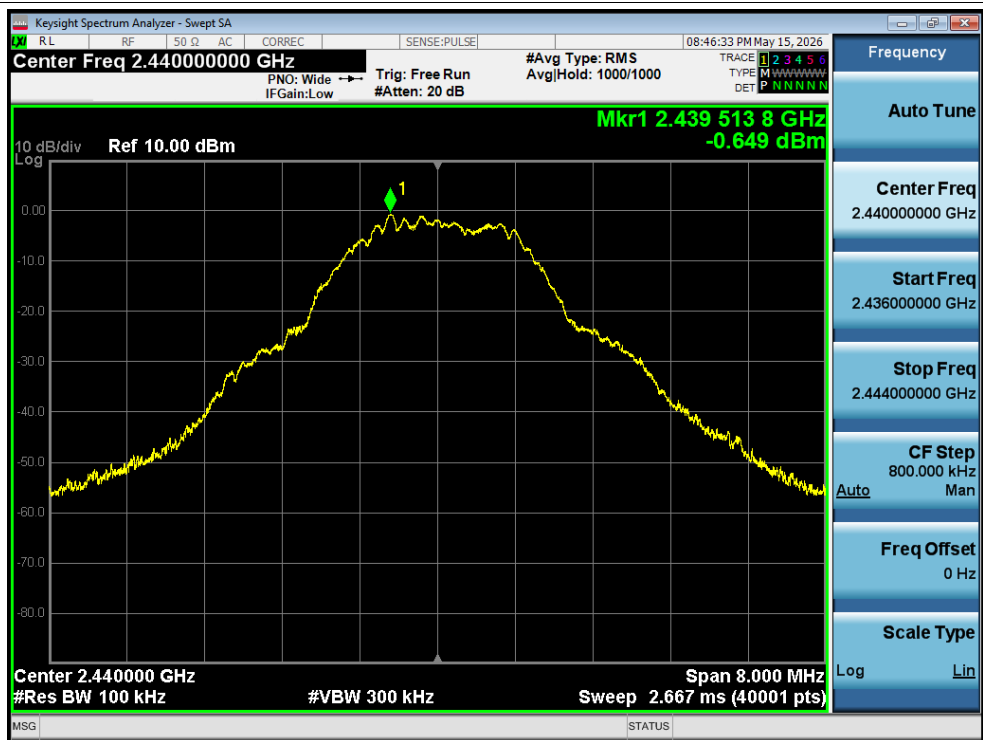




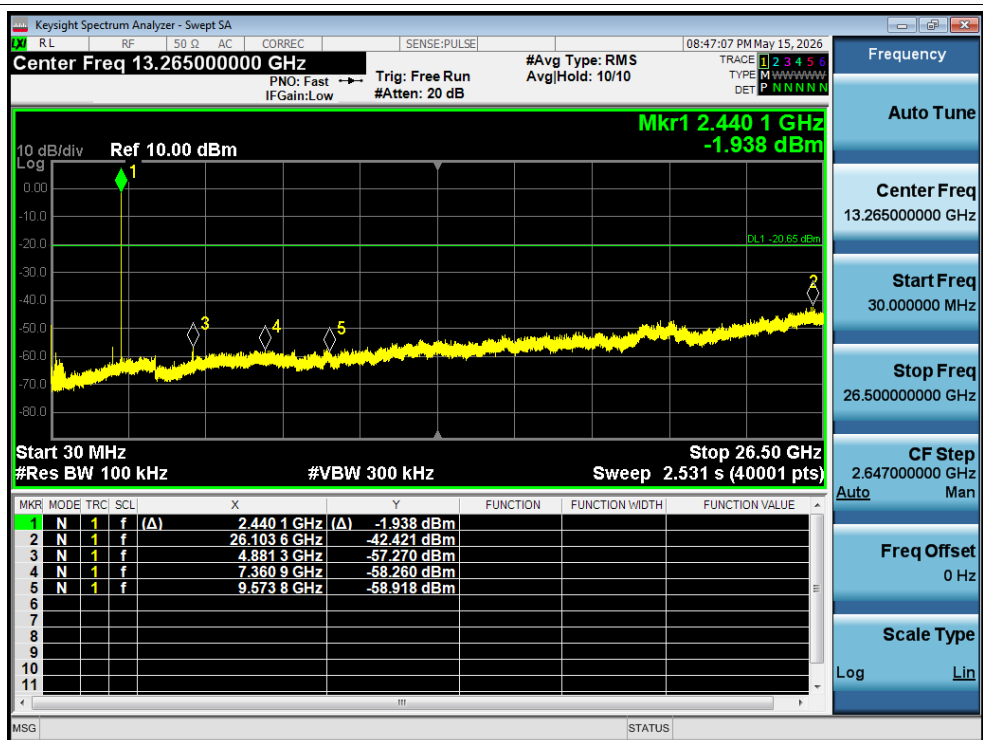
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission

