

Appendix A:

Maximum Conducted Output Power

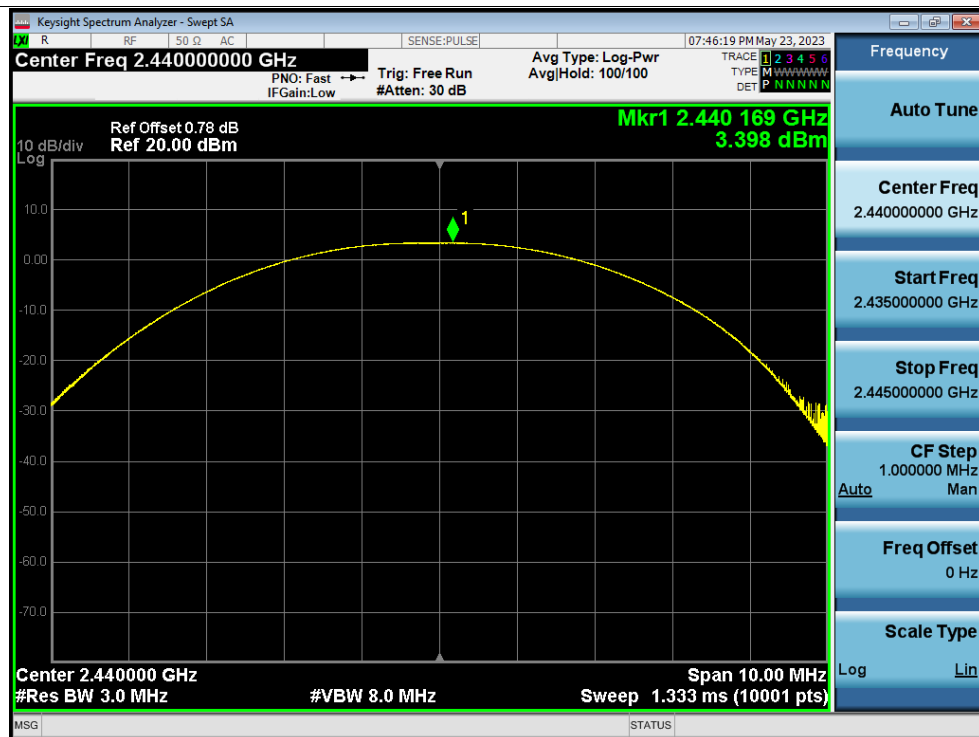
Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	EIRP(dBm)	EIRP Limit (dBm)	Verdict
BLE 1M	2402	2.36	0	2.36	5.9	36	Pass
BLE 1M	2440	3.4	0	3.4	6.94	36	Pass
BLE 1M	2480	4.49	0	4.49	8.03	36	Pass

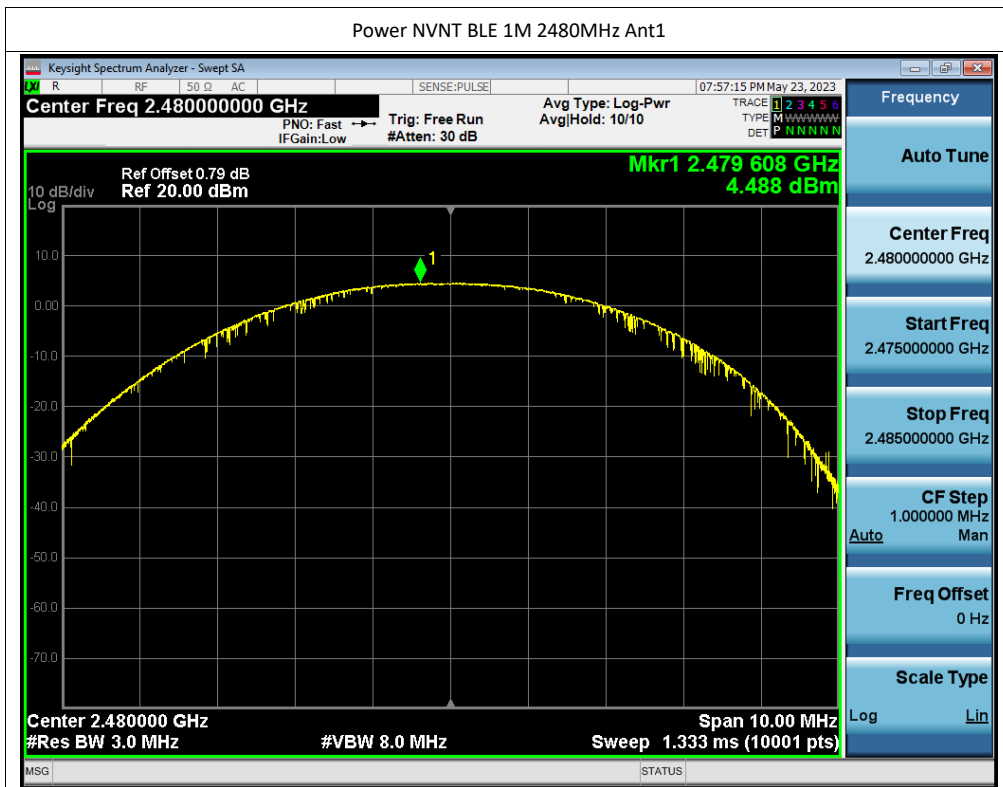
Test Graphs

Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1



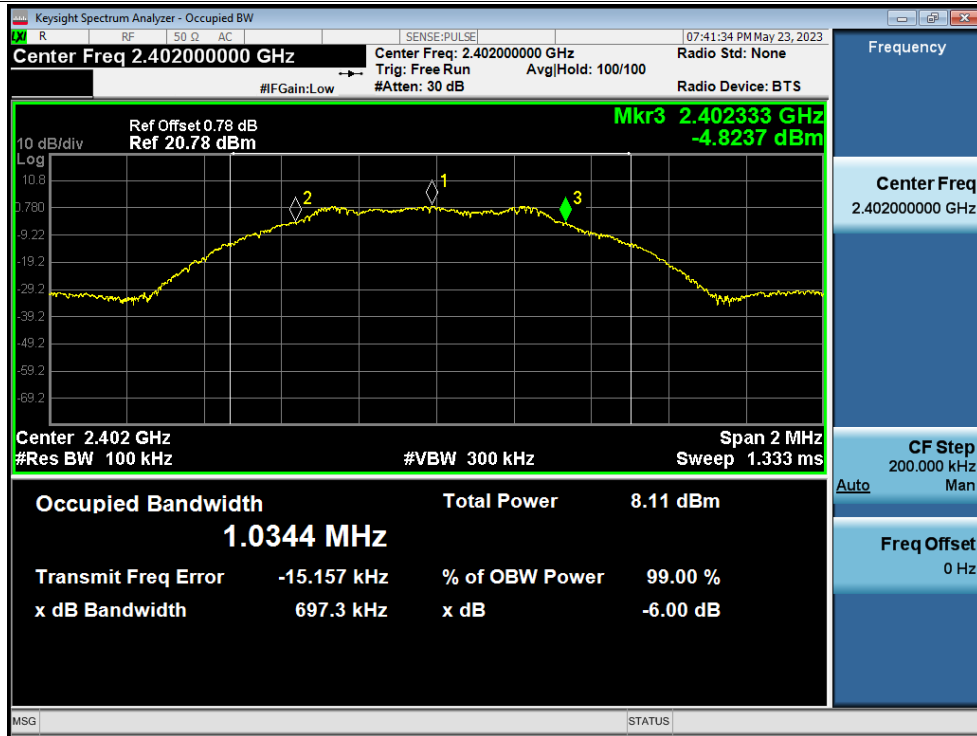


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.697	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.69	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.695	0.5	Pass

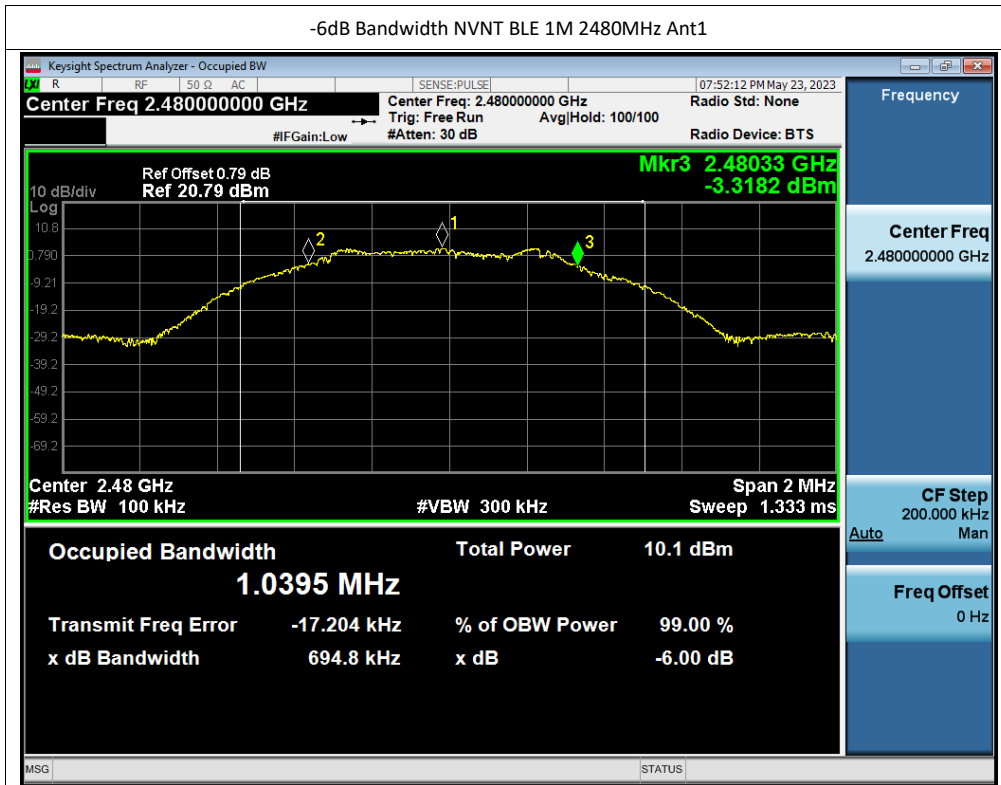
Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1

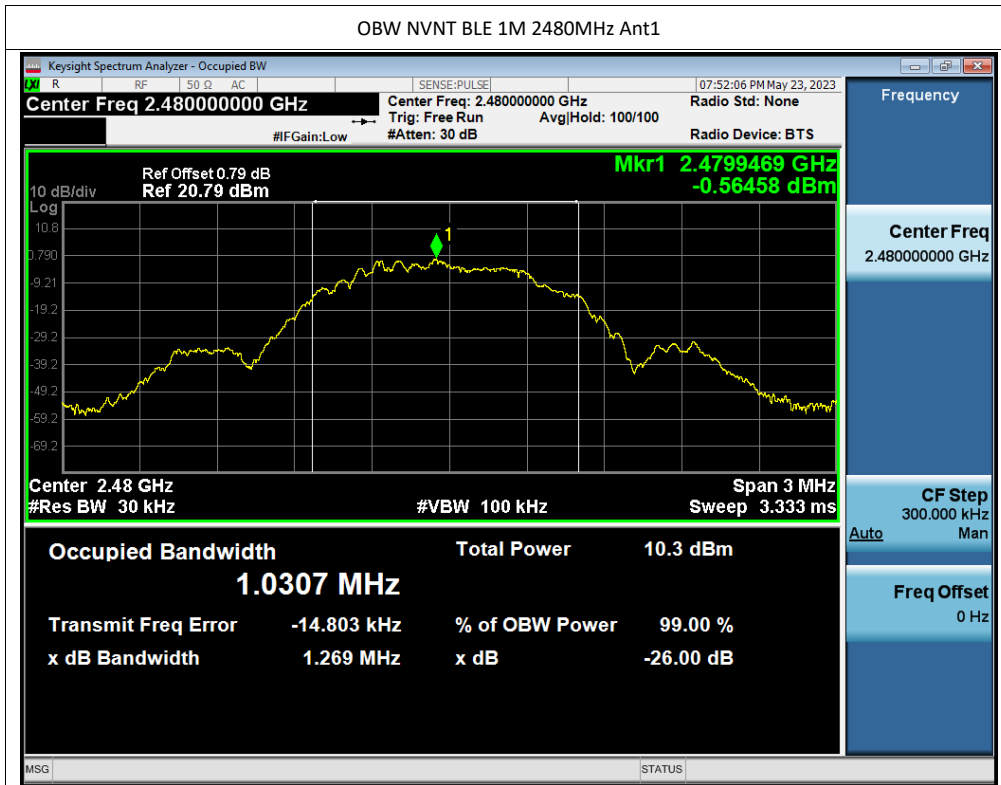




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.03
NVNT	BLE 1M	2440	Ant1	1.029
NVNT	BLE 1M	2480	Ant1	1.031





Maximum Power Spectral Density Level

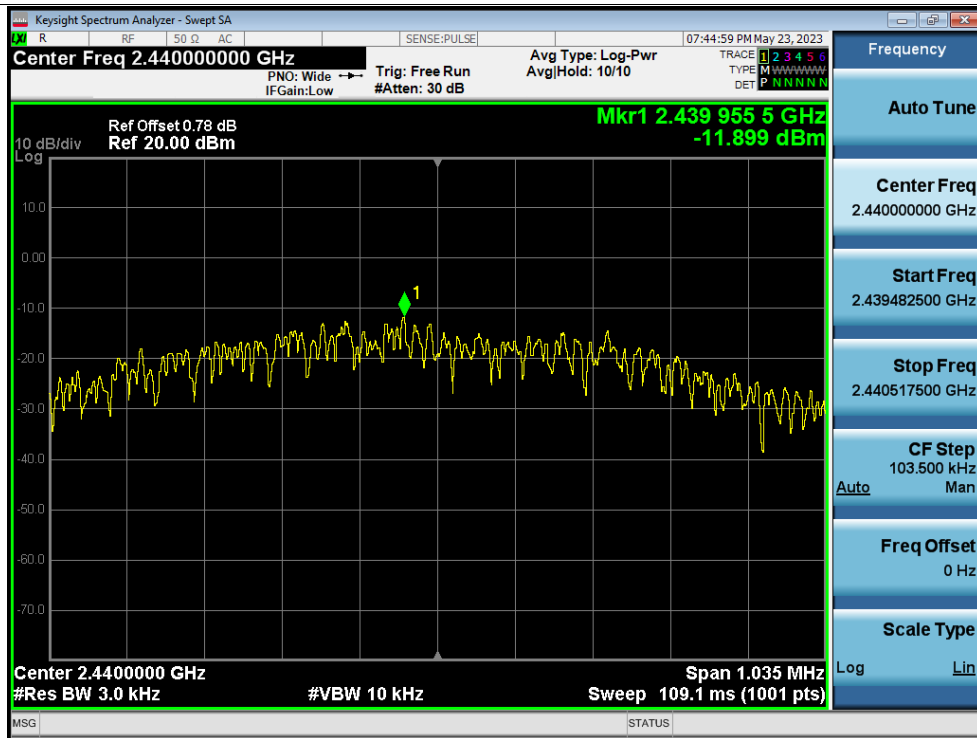
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-13.02	0	-13.02	8	Pass
NVNT	BLE 1M	2440	Ant1	-11.9	0	-11.9	8	Pass
NVNT	BLE 1M	2480	Ant1	-10.96	0	-10.96	8	Pass

Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



Band Edge

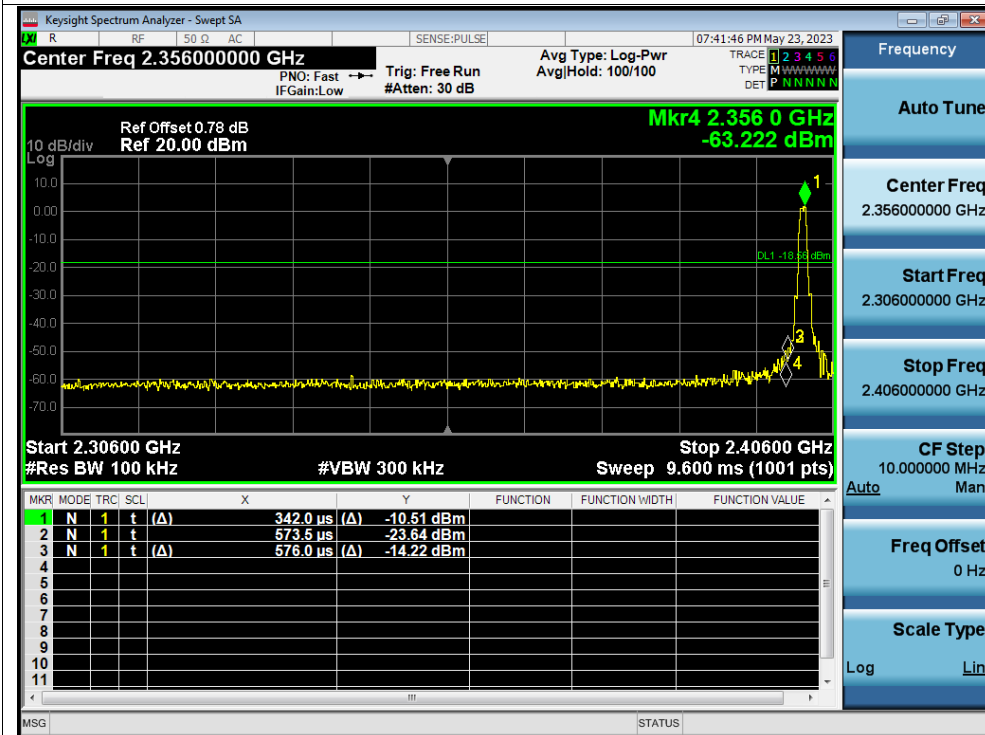
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-51.4	-20	Pass
NVNT	BLE 1M	2480	Ant1	-55.5	-20	Pass

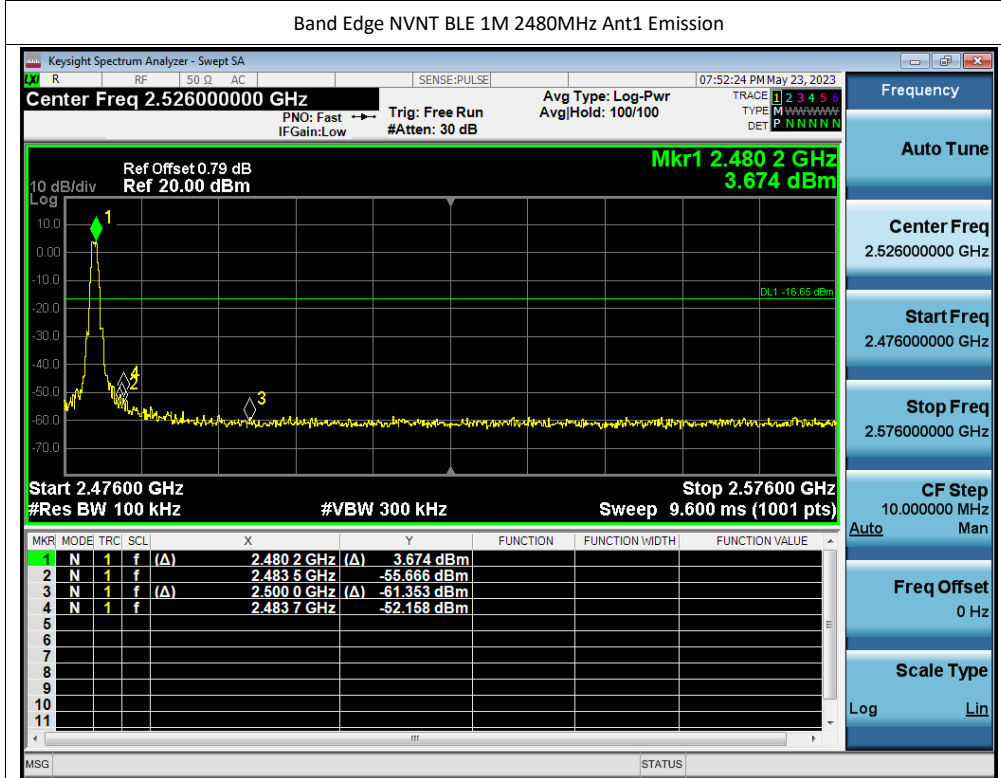
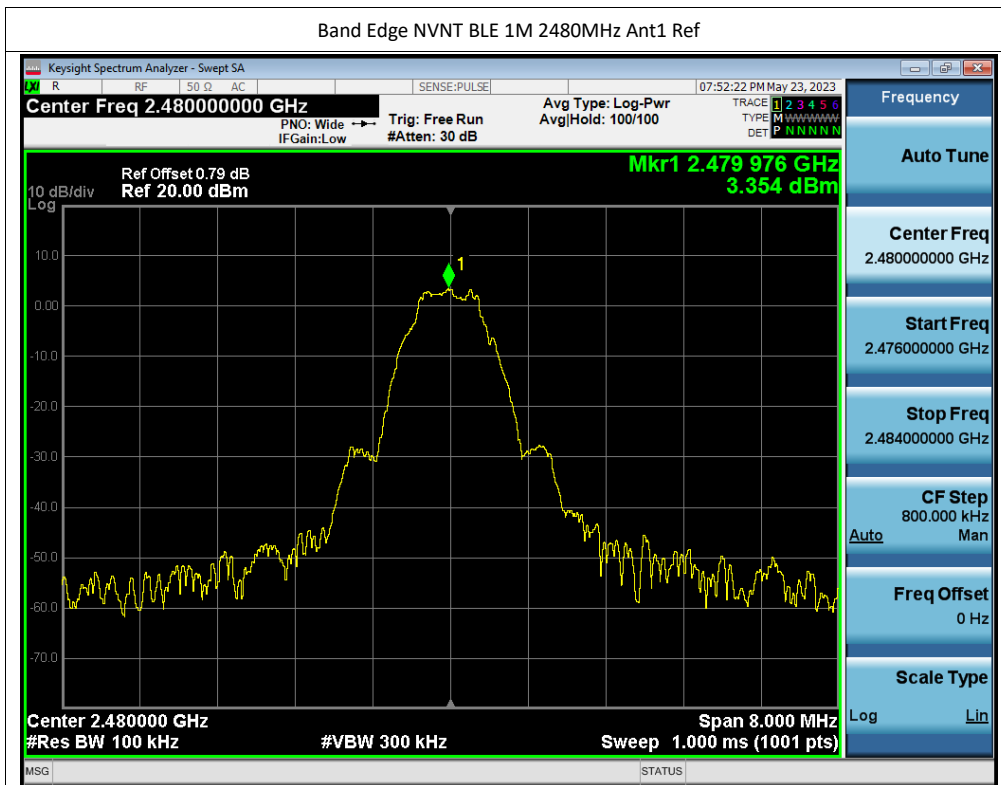
Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission





Conducted RF Spurious Emission

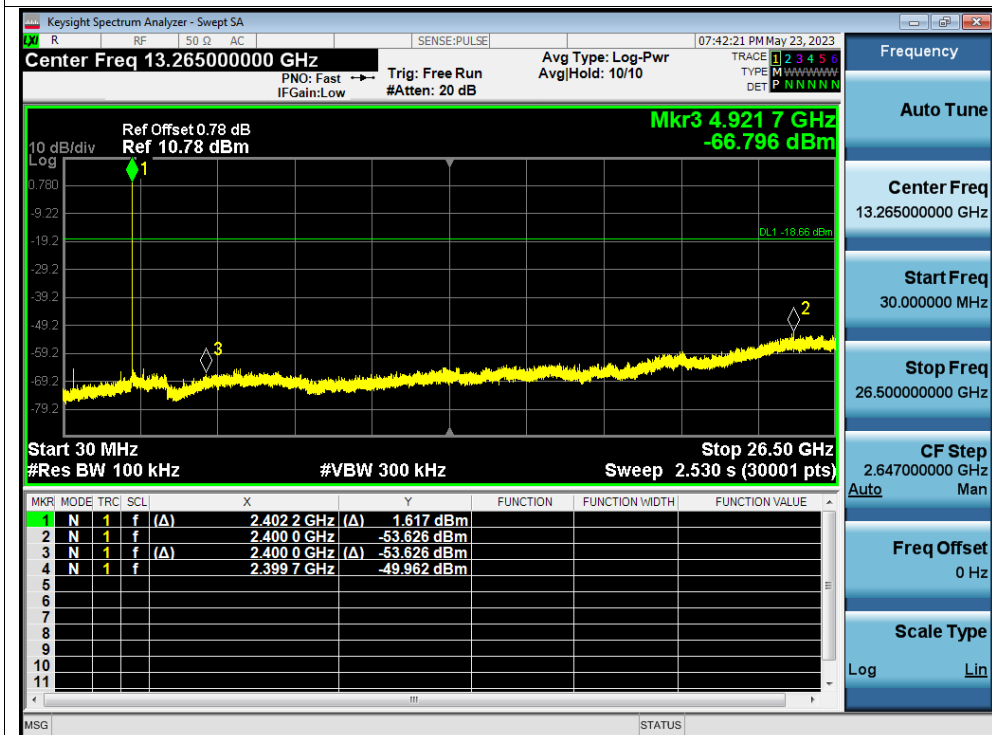
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.42	-20	Pass
NVNT	BLE 1M	2440	Ant1	-55.21	-20	Pass
NVNT	BLE 1M	2480	Ant1	-55.86	-20	Pass

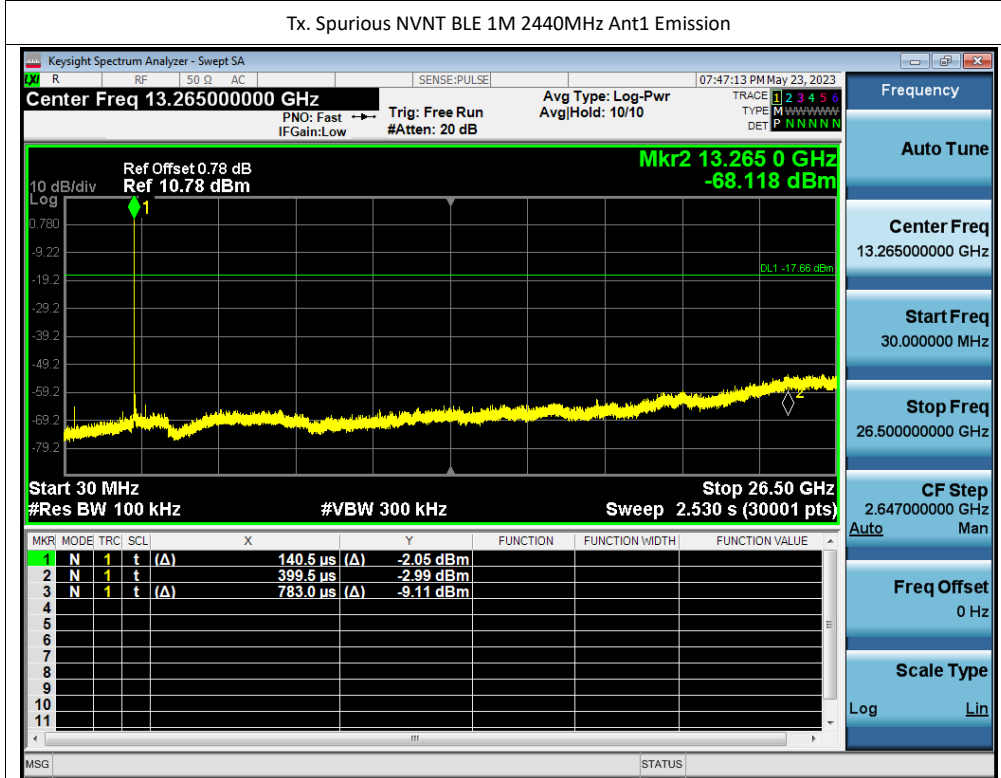
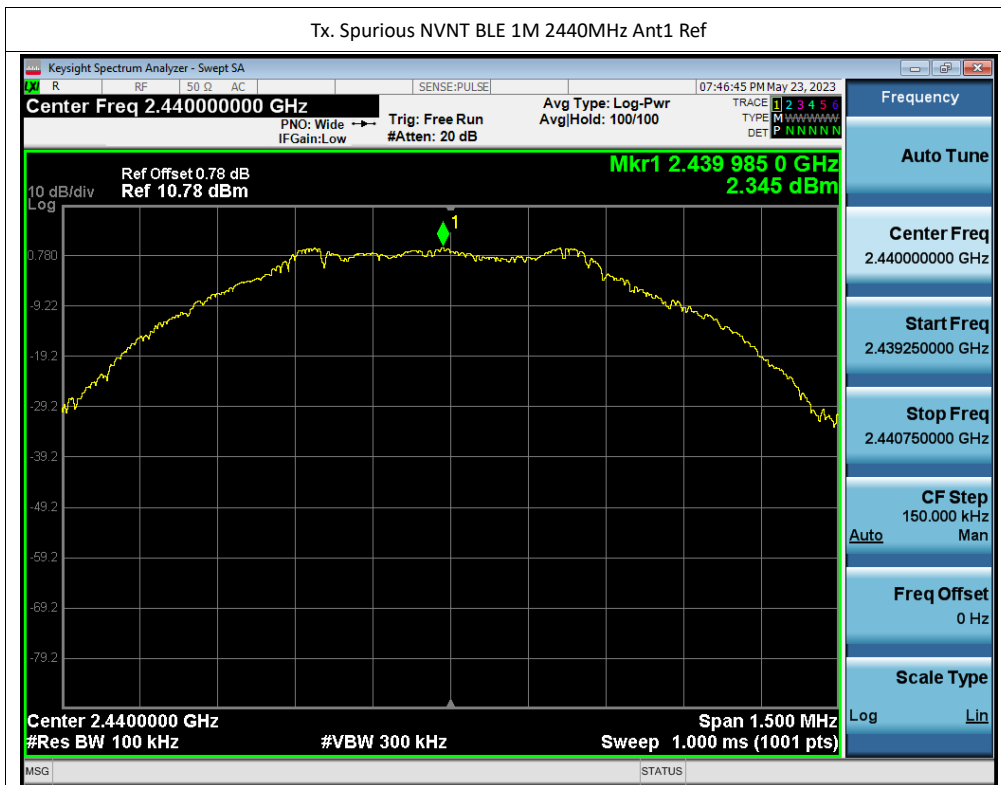
Test Graphs

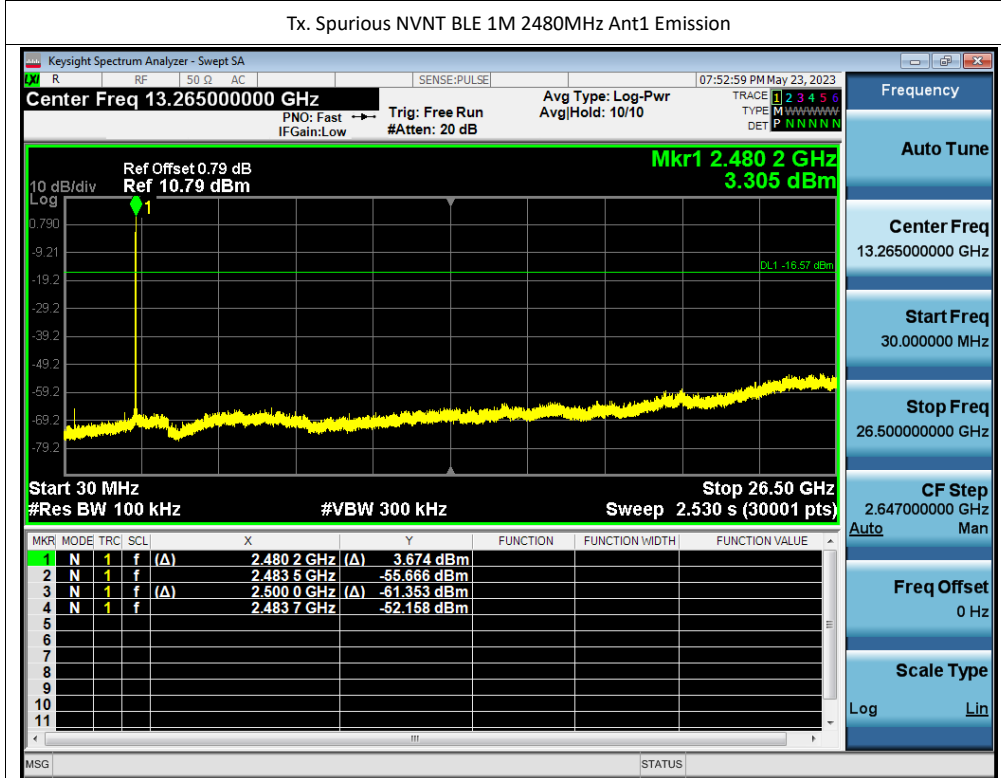
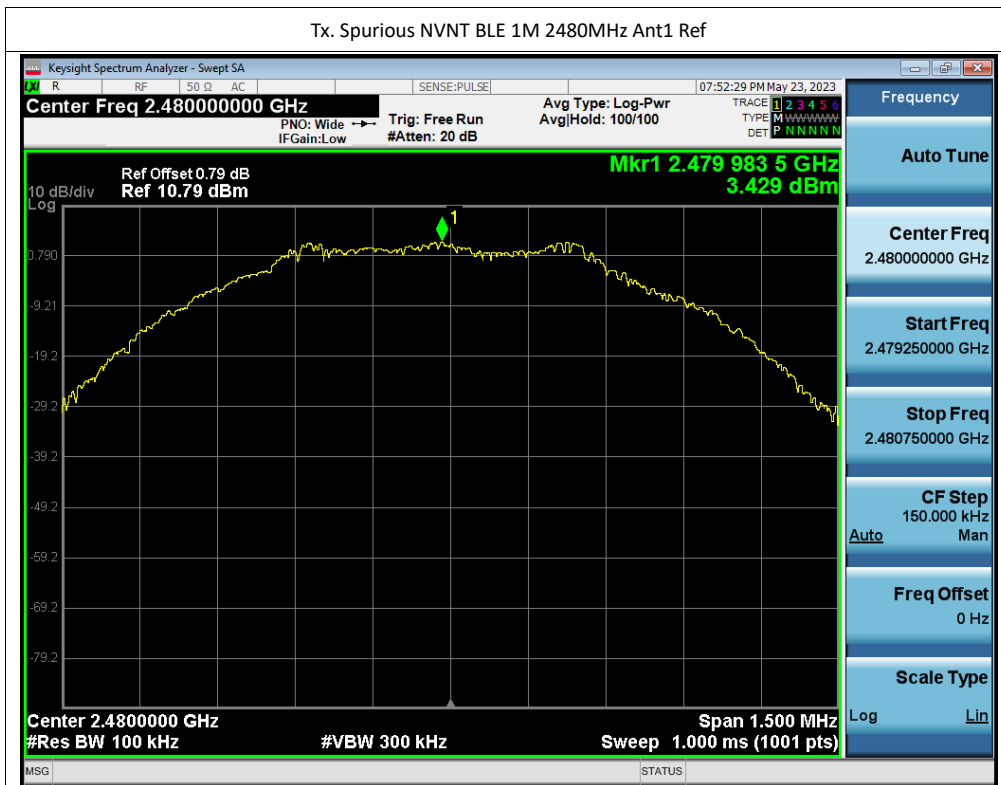
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

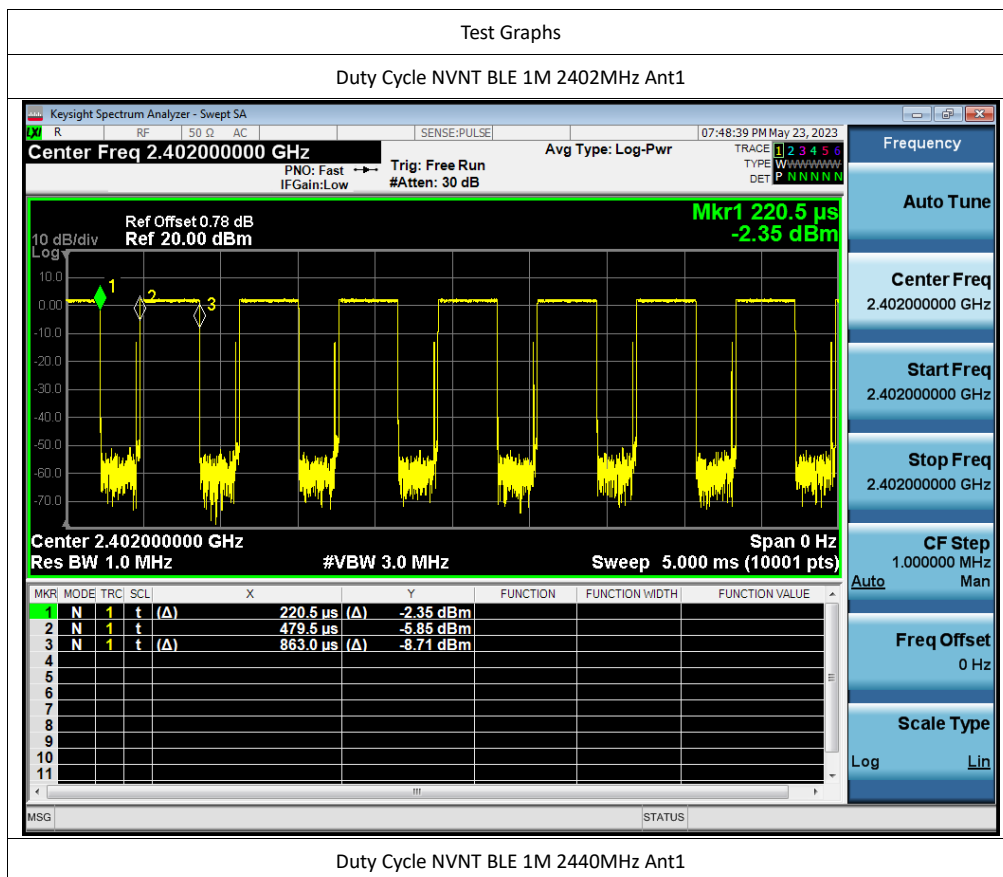


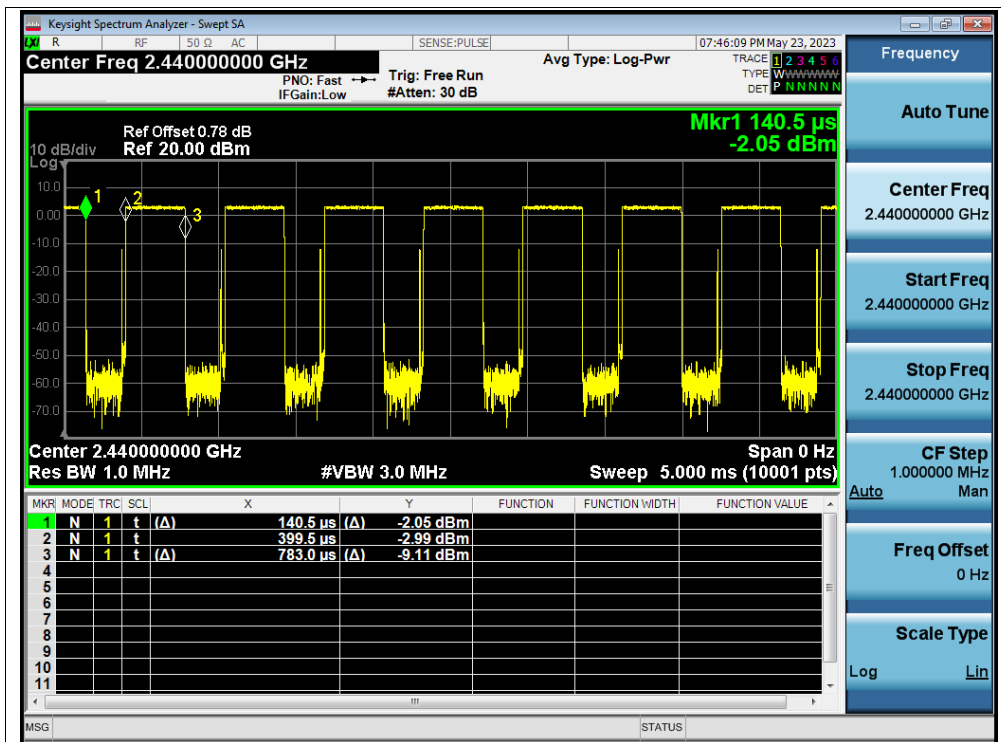




Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	59.69	2.24	2.61
NVNT	BLE 1M	2440	Ant1	59.69	2.24	2.61
NVNT	BLE 1M	2480	Ant1	59.74	2.24	2.61





Duty Cycle NVNT BLE 1M 2480MHz Ant1

