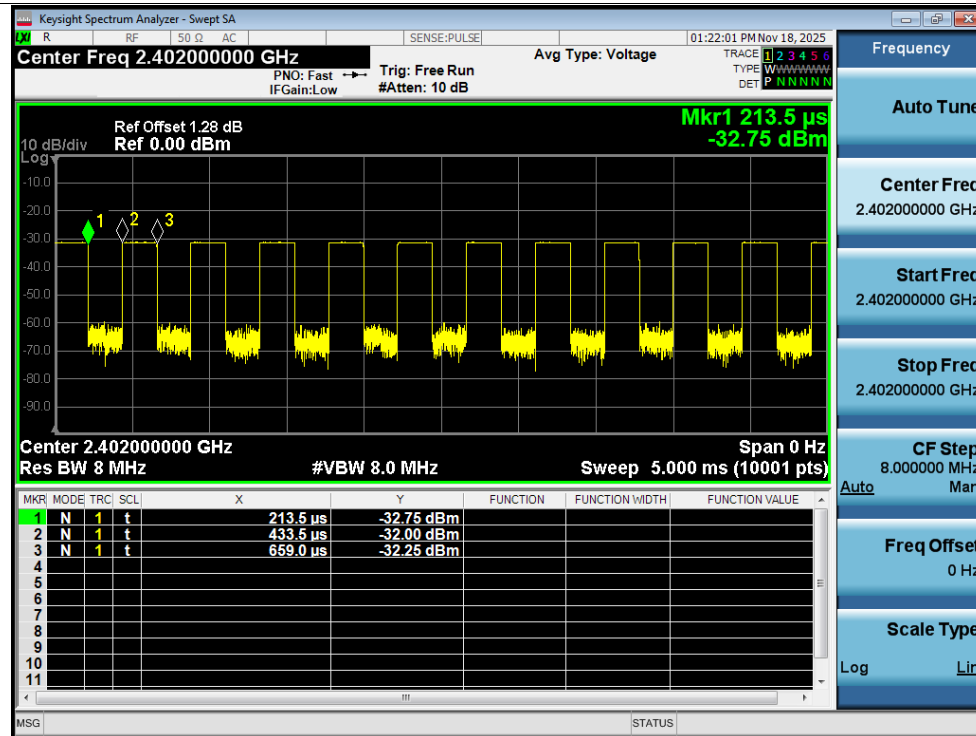


Duty Cycle

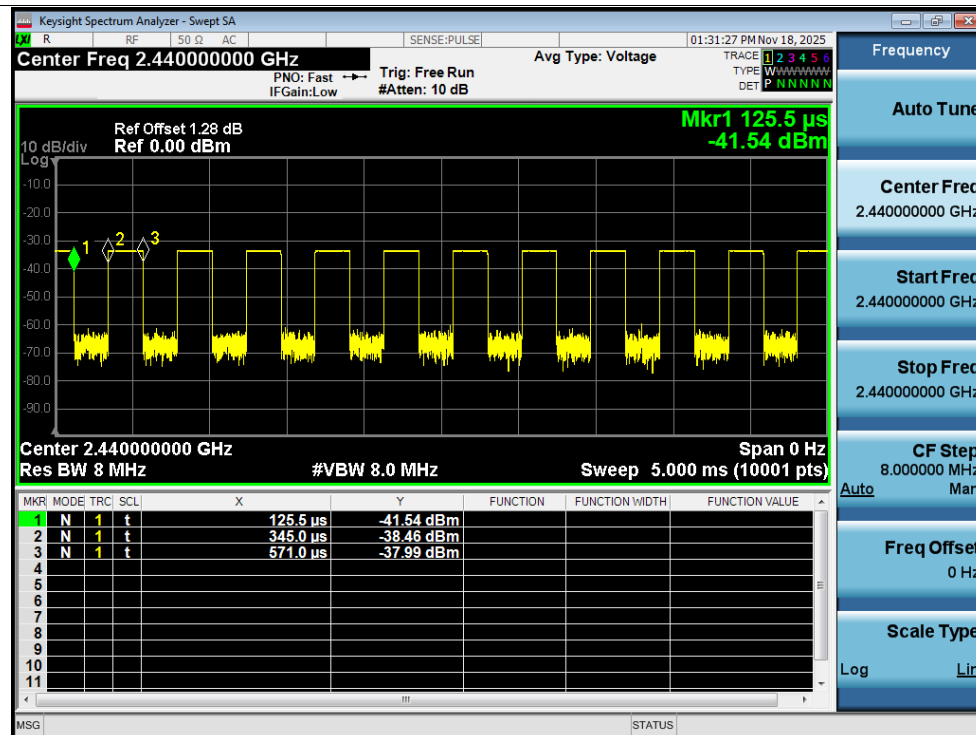
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant3	0.23	0.45	51.11	2.91	4.43
NVNT	BLE 1M	2440	Ant3	0.23	0.45	51.11	2.91	4.42
NVNT	BLE 1M	2480	Ant3	0.23	0.45	51.11	2.91	4.43
NVNT	BLE 2M	2402	Ant3	0.14	0.36	38.89	4.1	7.35
NVNT	BLE 2M	2440	Ant3	0.14	0.36	38.89	4.1	7.38
NVNT	BLE 2M	2480	Ant3	0.14	0.36	38.89	4.1	7.35

Test Graphs

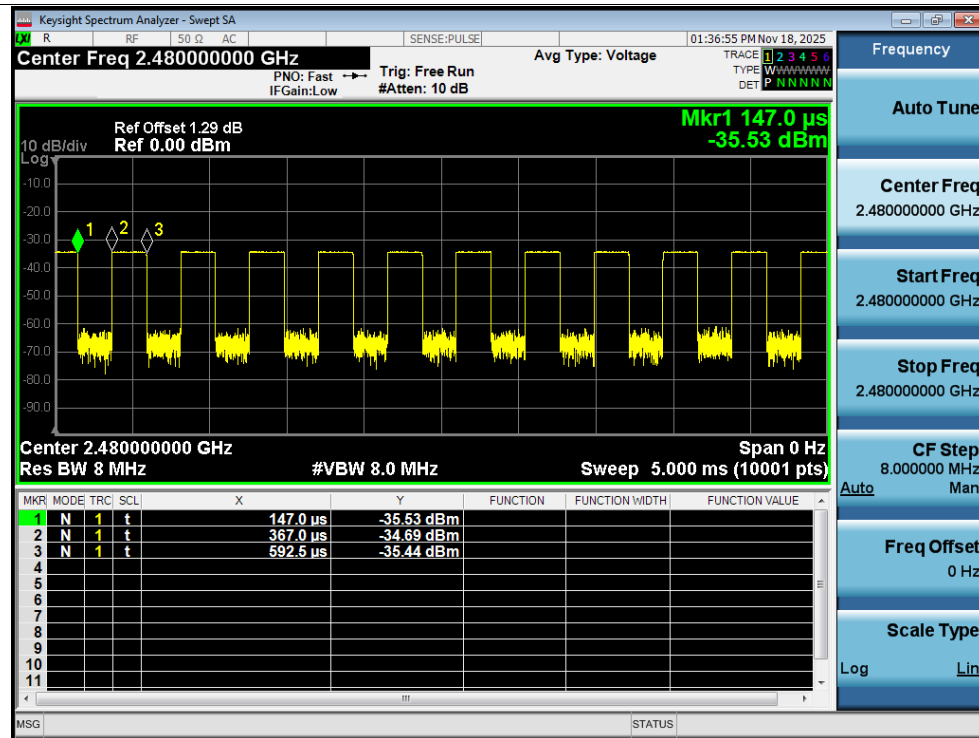
Duty Cycle NVNT BLE 1M 2402MHz Ant3



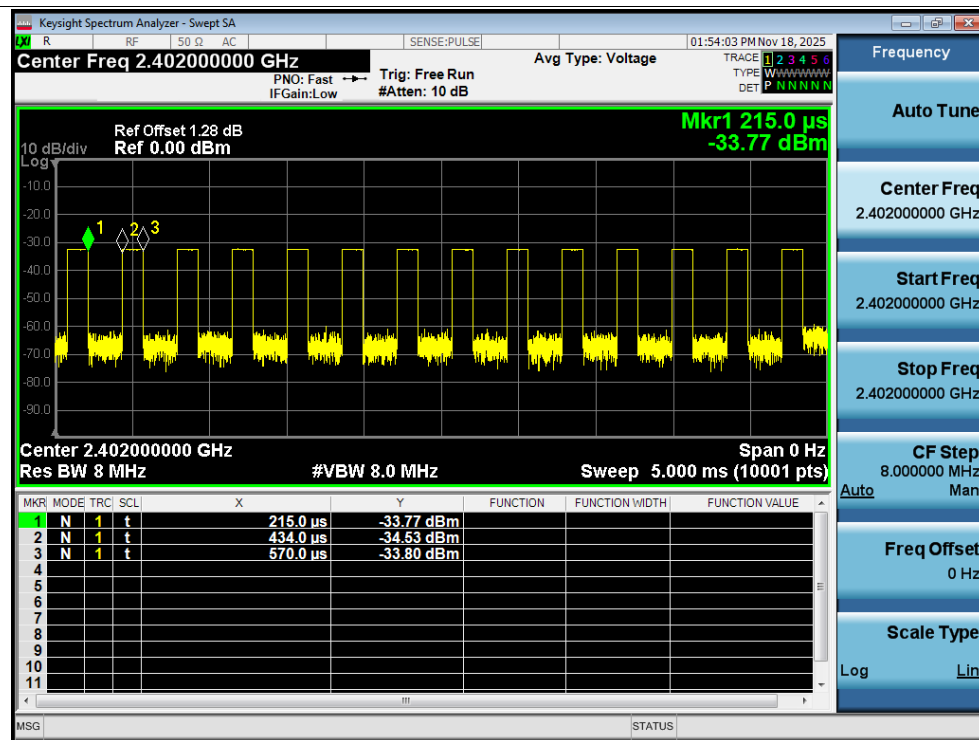
Duty Cycle NVNT BLE 1M 2440MHz Ant3



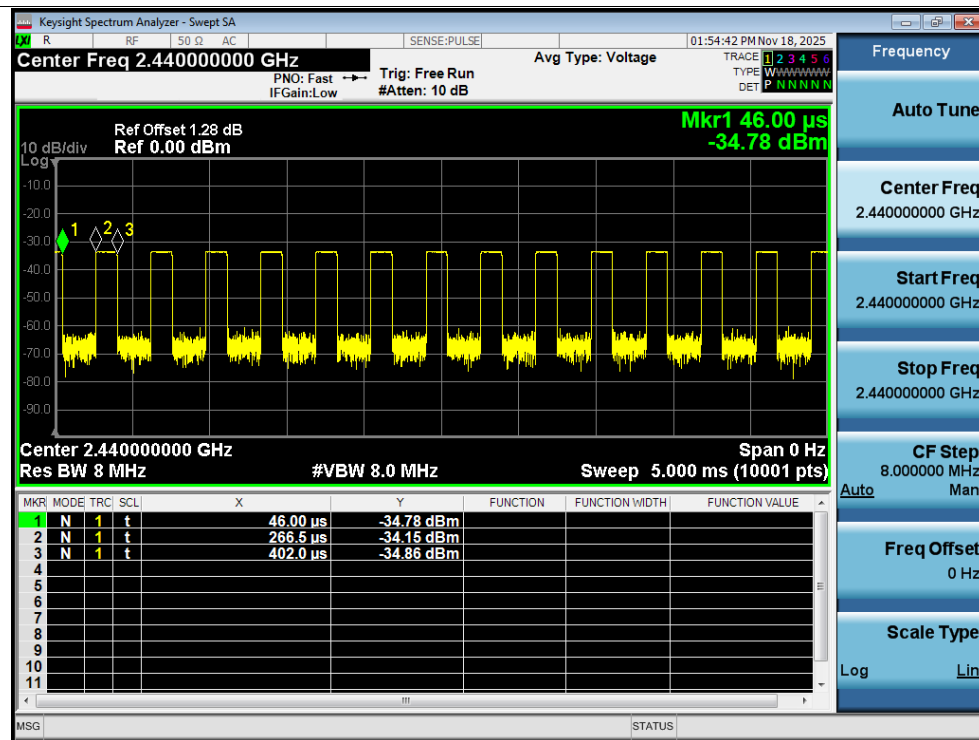
Duty Cycle NVNT BLE 1M 2480MHz Ant3



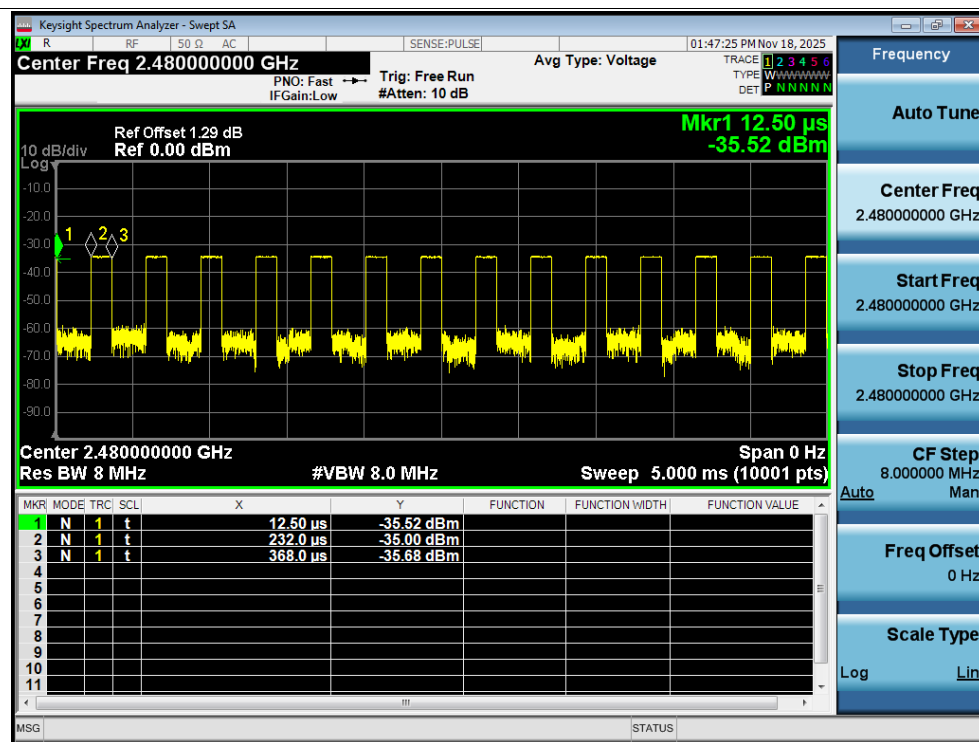
Duty Cycle NVNT BLE 2M 2402MHz Ant3



Duty Cycle NVNT BLE 2M 2440MHz Ant3



Duty Cycle NVNT BLE 2M 2480MHz Ant3

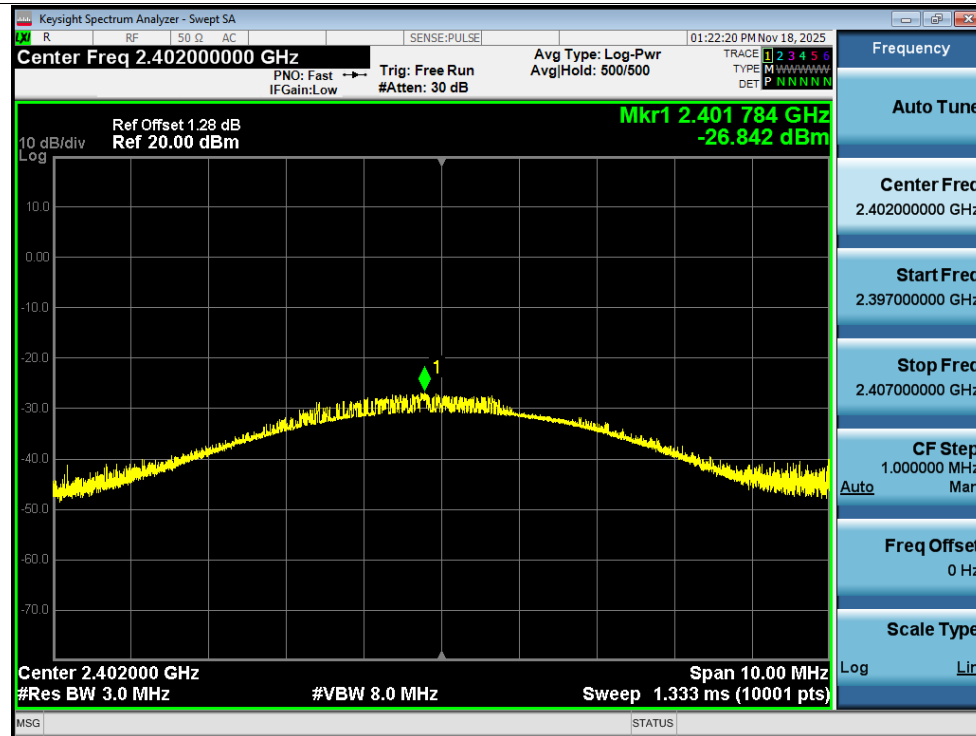


Maximum Conducted Output Power

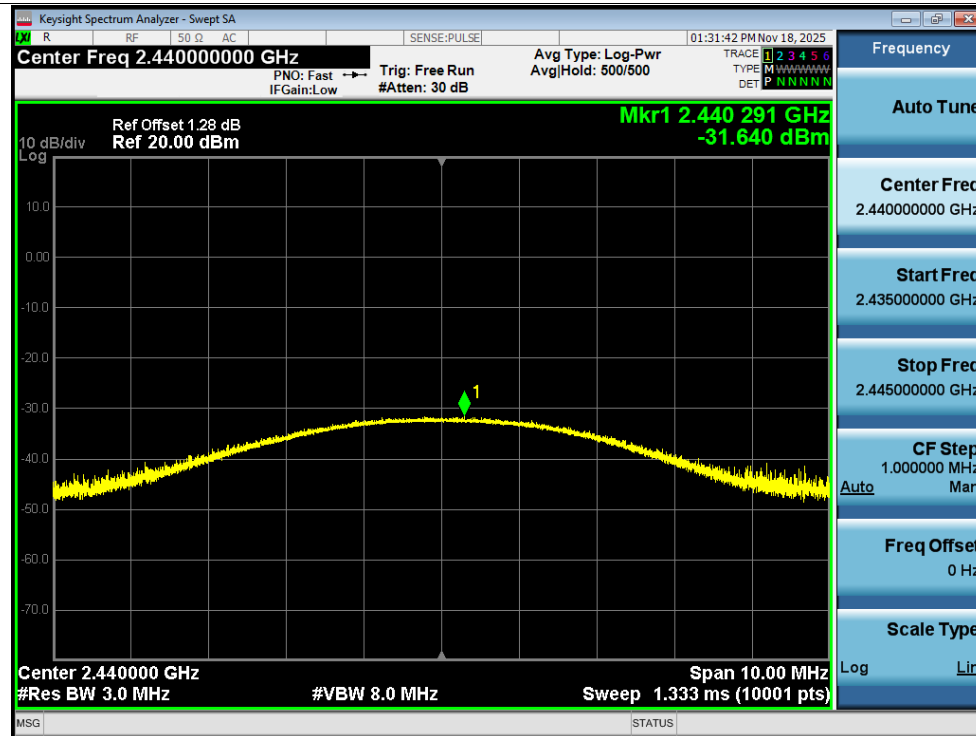
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant3	-26.84	30	Pass
NVNT	BLE 1M	2440	Ant3	-31.64	30	Pass
NVNT	BLE 1M	2480	Ant3	-29.44	30	Pass
NVNT	BLE 2M	2402	Ant3	-28.46	30	Pass
NVNT	BLE 2M	2440	Ant3	-31.68	30	Pass
NVNT	BLE 2M	2480	Ant3	-31.31	30	Pass

Test Graphs

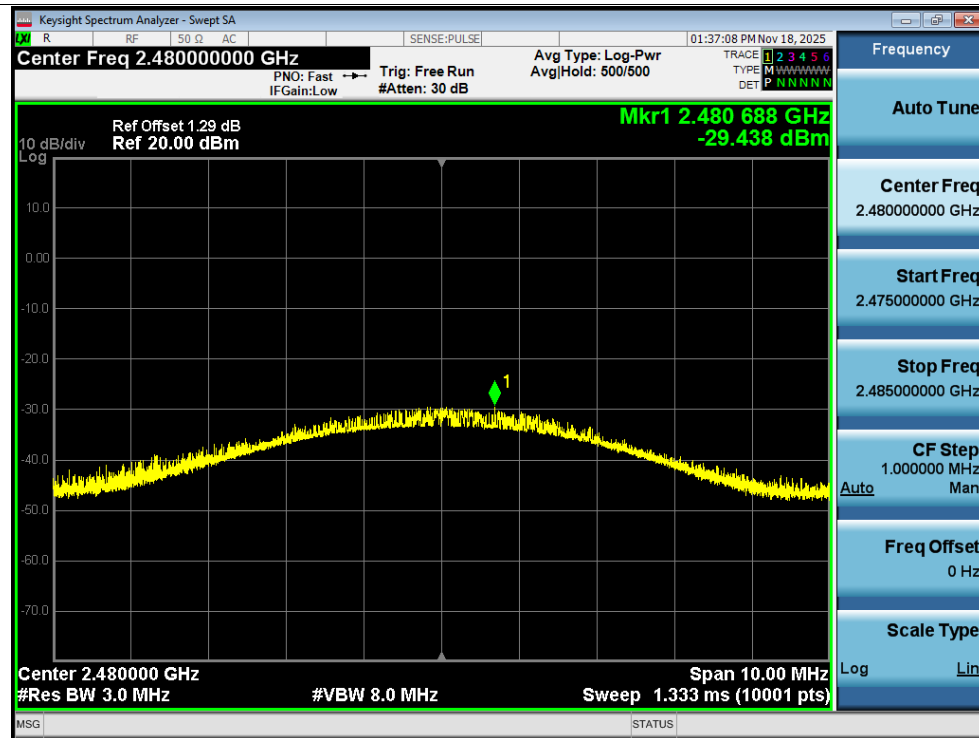
Power NVNT BLE 1M 2402MHz Ant3



Power NVNT BLE 1M 2440MHz Ant3



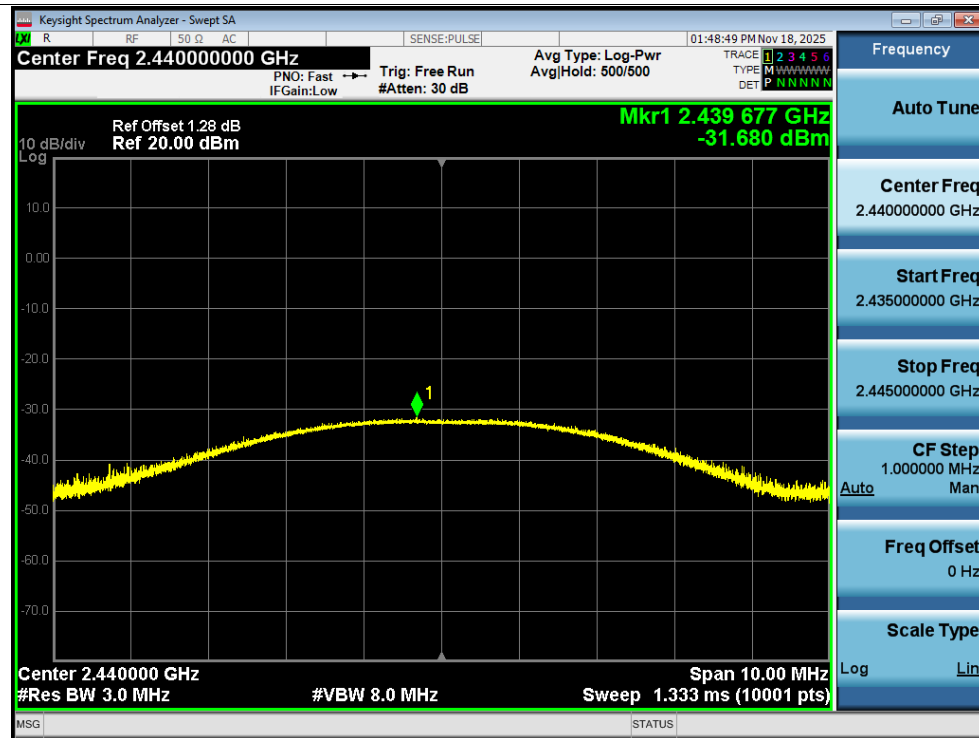
Power NVNT BLE 1M 2480MHz Ant3



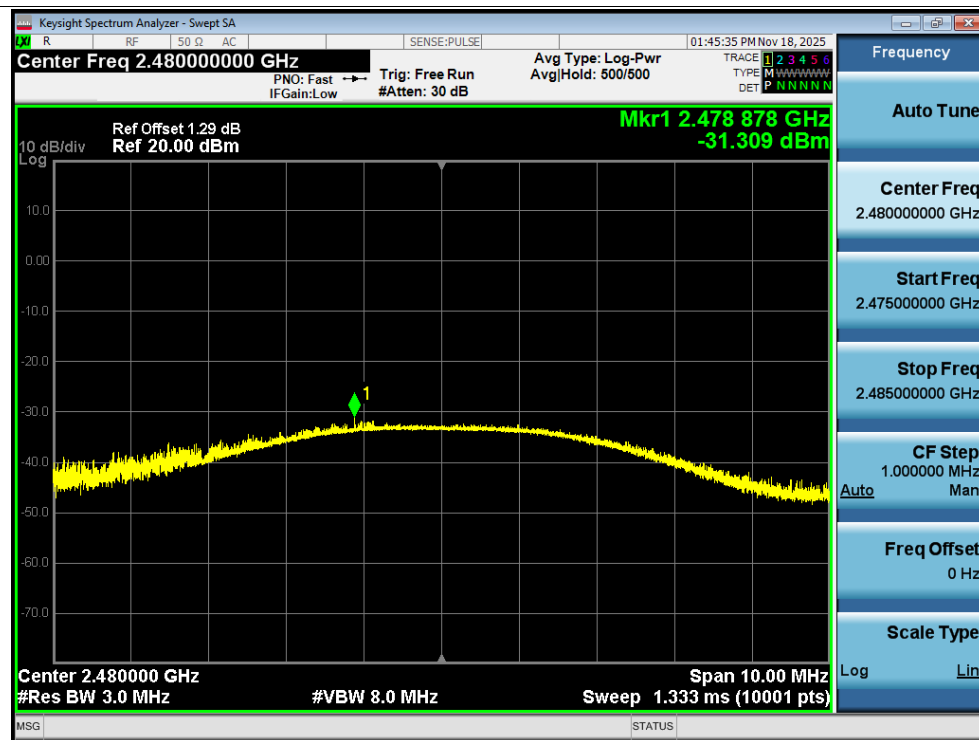
Power NVNT BLE 2M 2402MHz Ant3



Power NVNT BLE 2M 2440MHz Ant3



Power NVNT BLE 2M 2480MHz Ant3



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant3	0.64	0.5	Pass
NVNT	BLE 1M	2440	Ant3	0.64	0.5	Pass
NVNT	BLE 1M	2480	Ant3	0.64	0.5	Pass
NVNT	BLE 2M	2402	Ant3	1.04	0.5	Pass
NVNT	BLE 2M	2440	Ant3	1.05	0.5	Pass
NVNT	BLE 2M	2480	Ant3	1.03	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant3



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant3



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant3



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant3



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant3



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant3

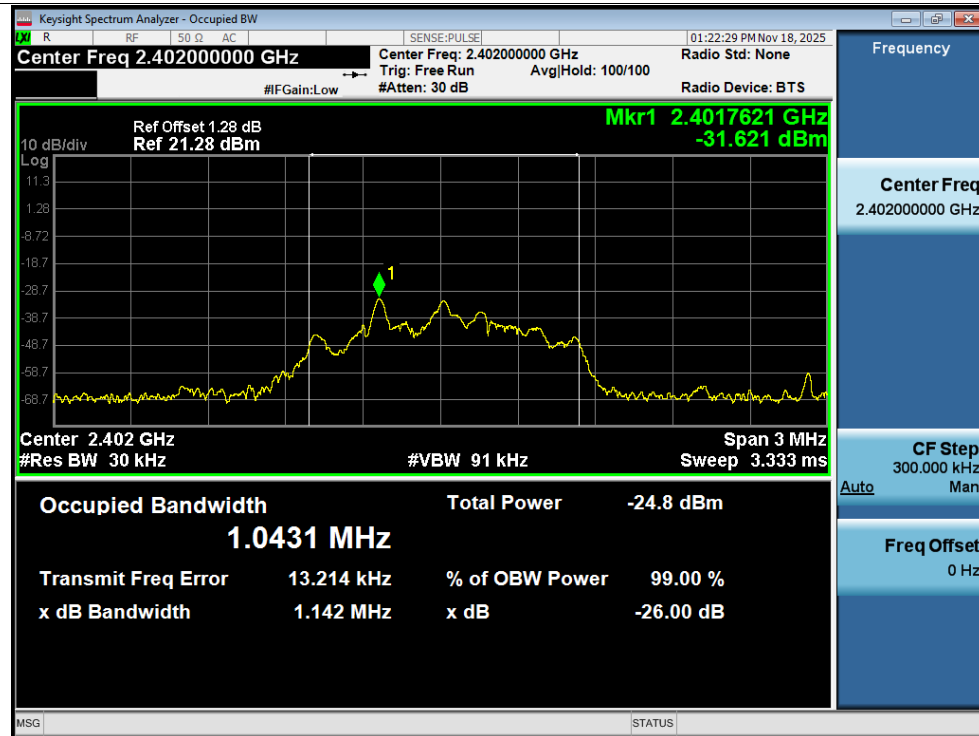


Occupied Channel Bandwidth

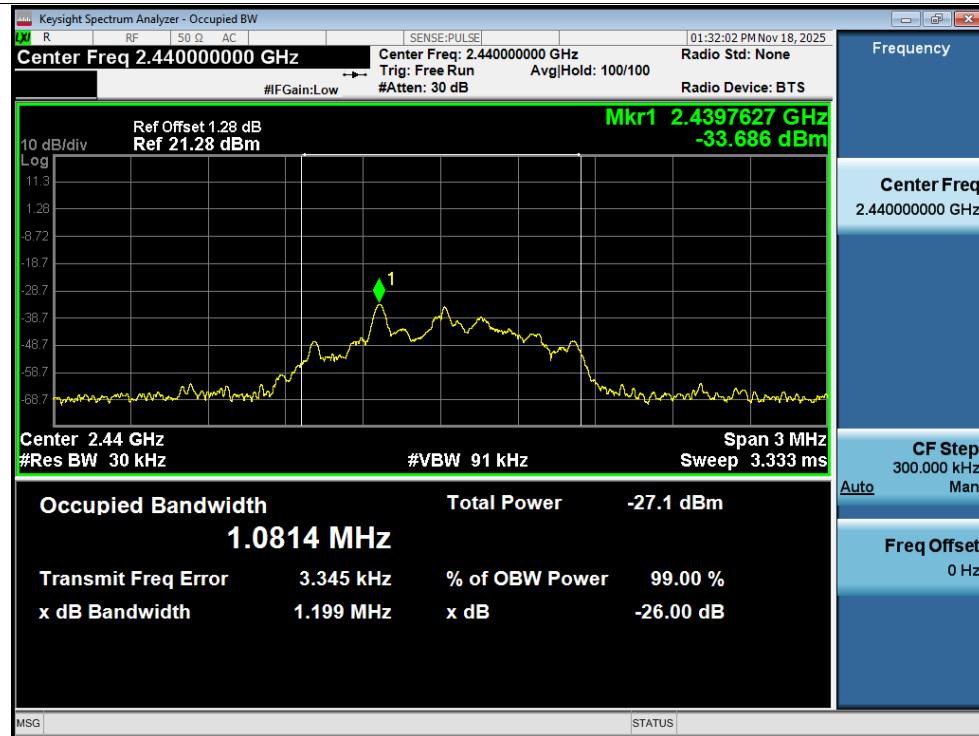
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant3	1.043
NVNT	BLE 1M	2440	Ant3	1.081
NVNT	BLE 1M	2480	Ant3	1.12
NVNT	BLE 2M	2402	Ant3	2.152
NVNT	BLE 2M	2440	Ant3	2.179
NVNT	BLE 2M	2480	Ant3	2.322

Test Graphs

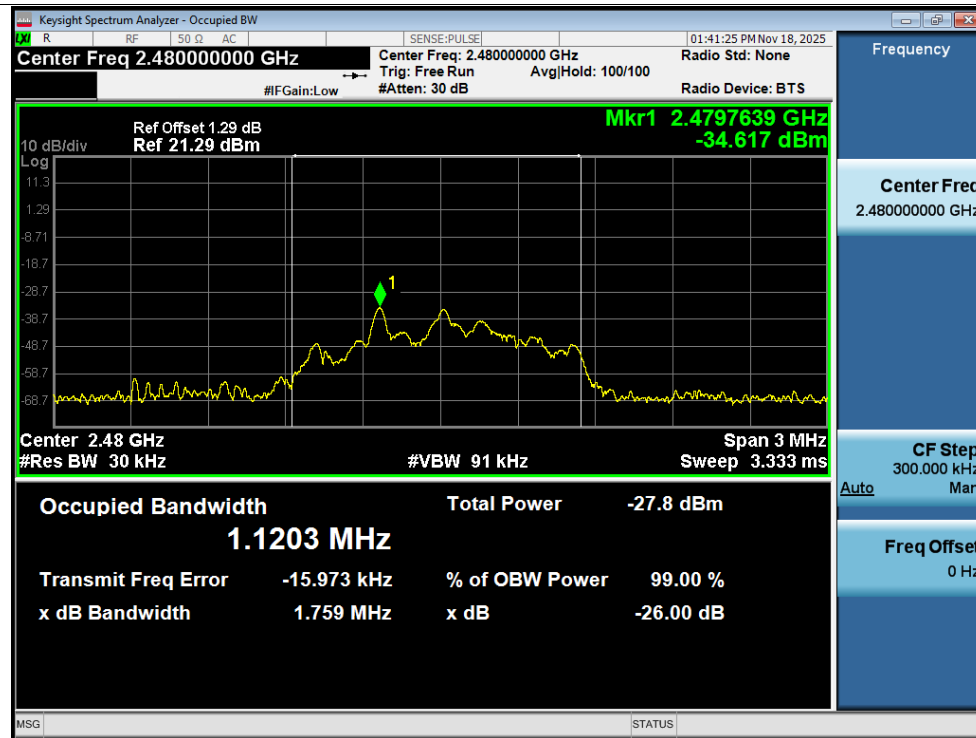
OBW NVNT BLE 1M 2402MHz Ant3



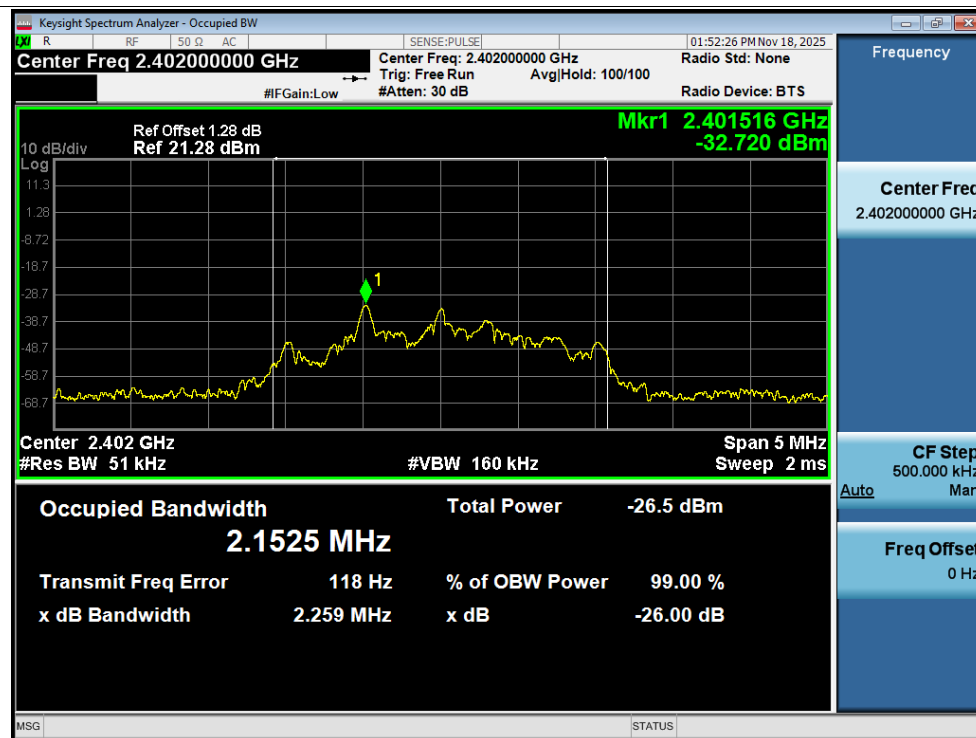
OBW NVNT BLE 1M 2440MHz Ant3



OBW NVNT BLE 1M 2480MHz Ant3



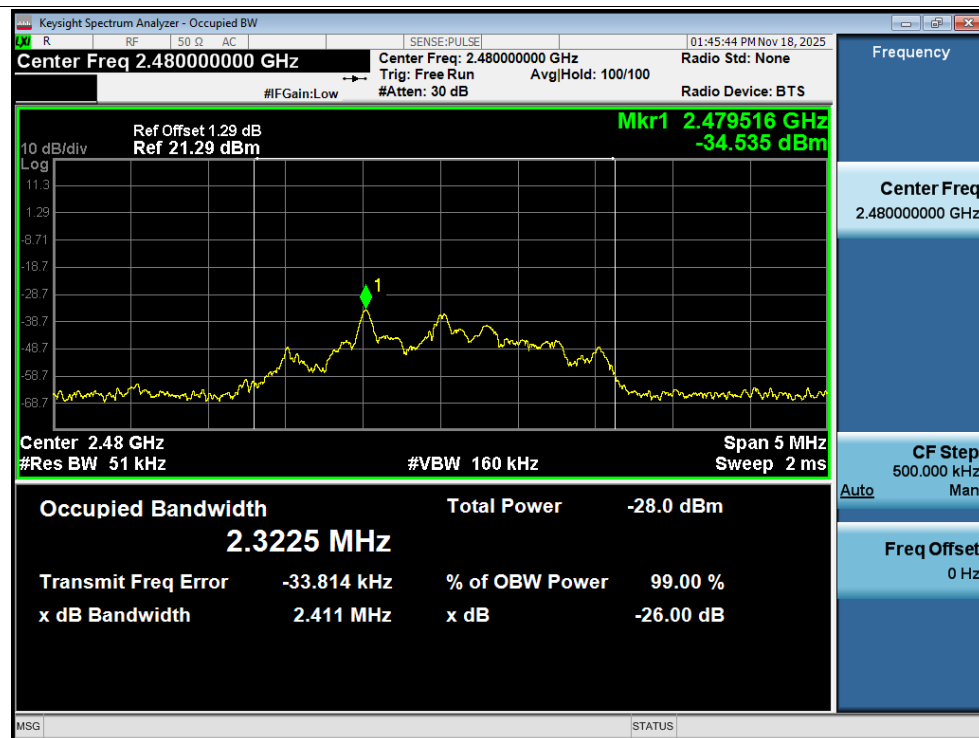
OBW NVNT BLE 2M 2402MHz Ant3



OBW NVNT BLE 2M 2440MHz Ant3



OBW NVNT BLE 2M 2480MHz Ant3



Maximum Power Spectral Density Level

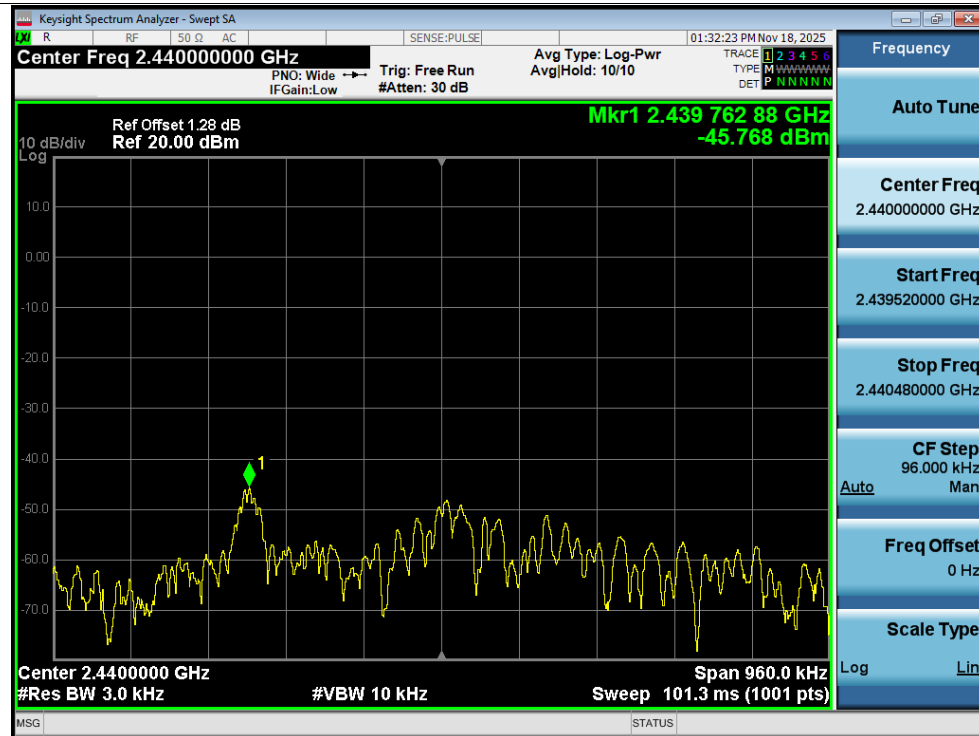
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant3	-43.7	8	Pass
NVNT	BLE 1M	2440	Ant3	-45.77	8	Pass
NVNT	BLE 1M	2480	Ant3	-46.77	8	Pass
NVNT	BLE 2M	2402	Ant3	-44.57	8	Pass
NVNT	BLE 2M	2440	Ant3	-45.55	8	Pass
NVNT	BLE 2M	2480	Ant3	-46.38	8	Pass

Test Graphs

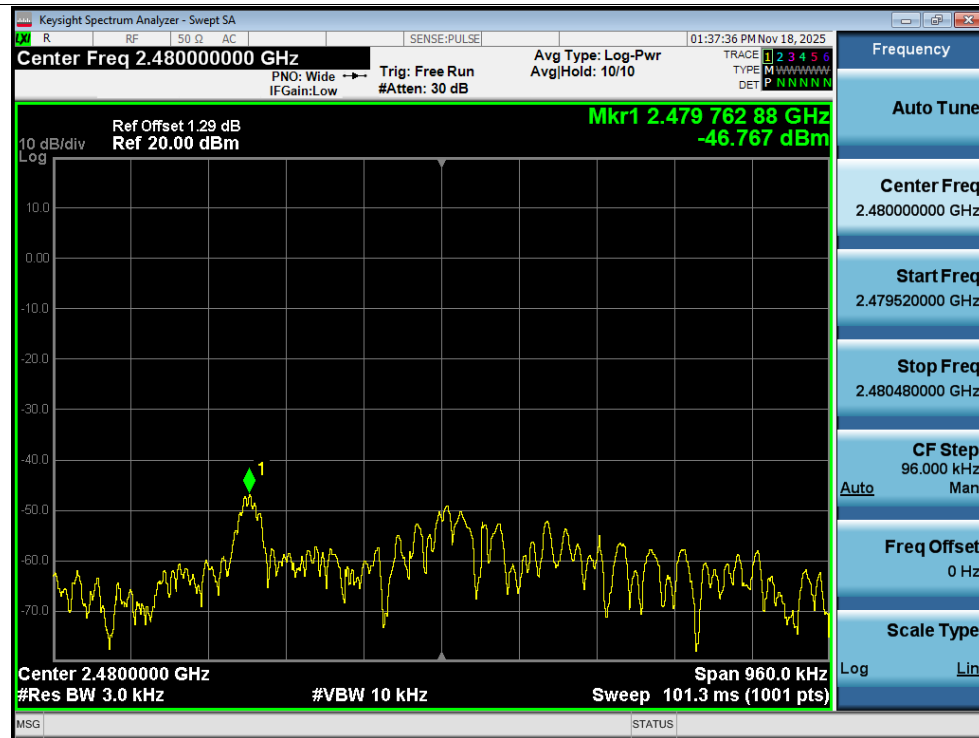
PSD NVNT BLE 1M 2402MHz Ant3



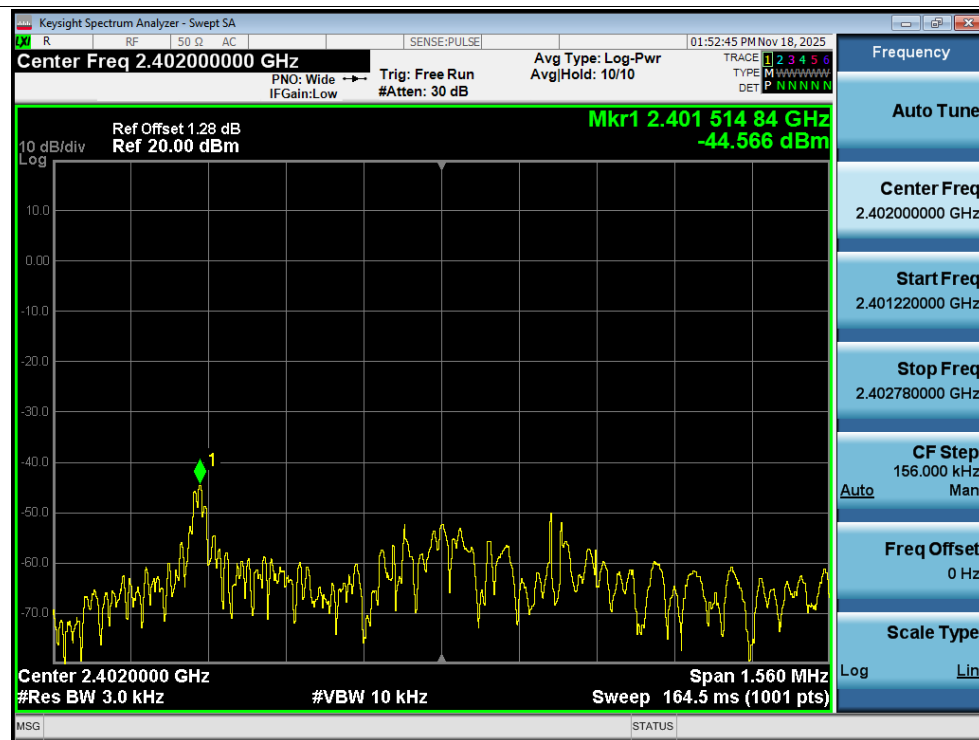
PSD NVNT BLE 1M 2440MHz Ant3



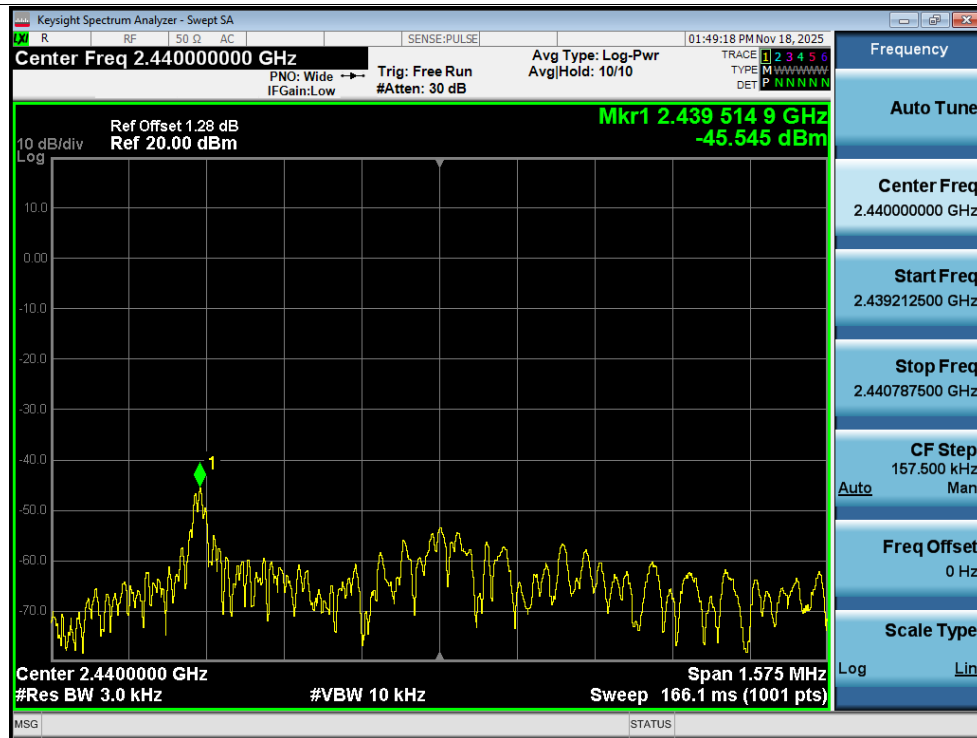
PSD NVNT BLE 1M 2480MHz Ant3



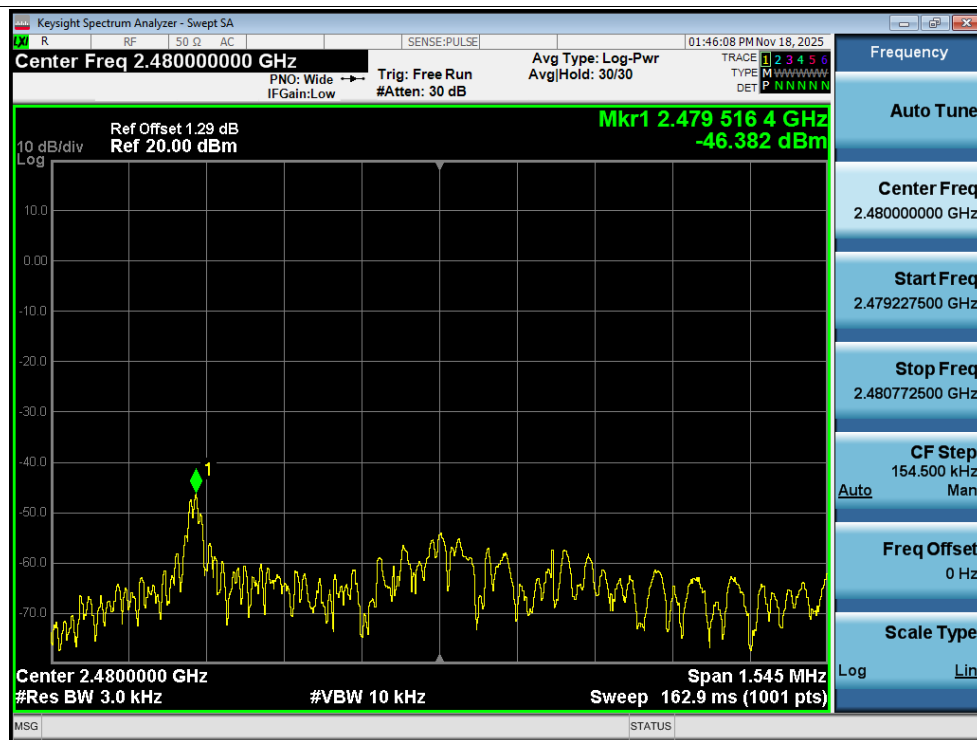
PSD NVNT BLE 2M 2402MHz Ant3



PSD NVNT BLE 2M 2440MHz Ant3



PSD NVNT BLE 2M 2480MHz Ant3

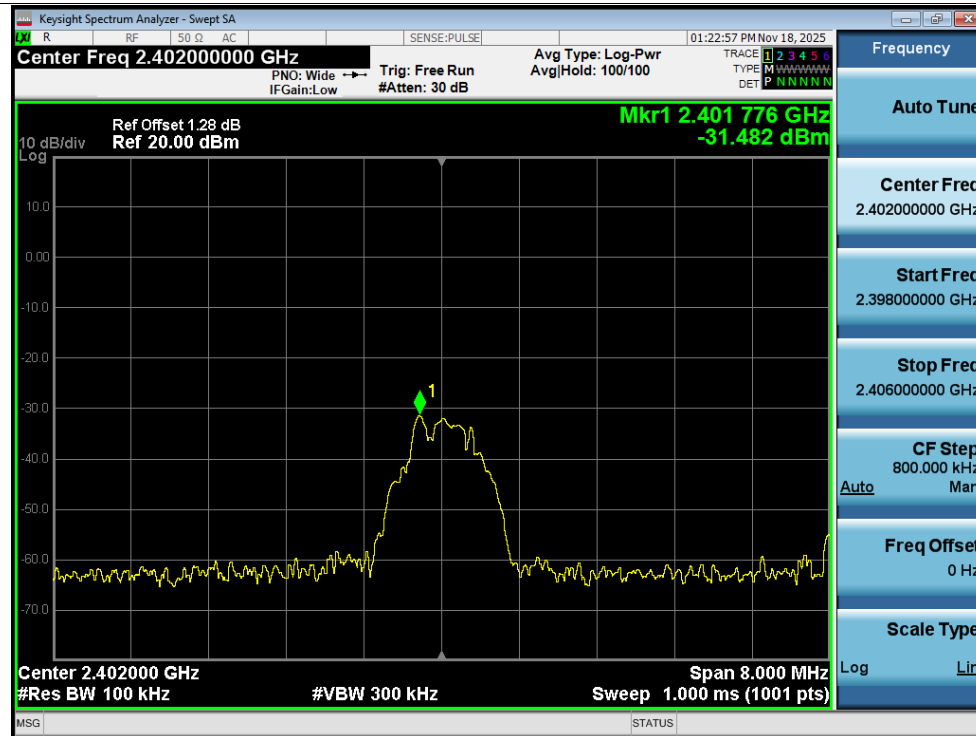


Band Edge

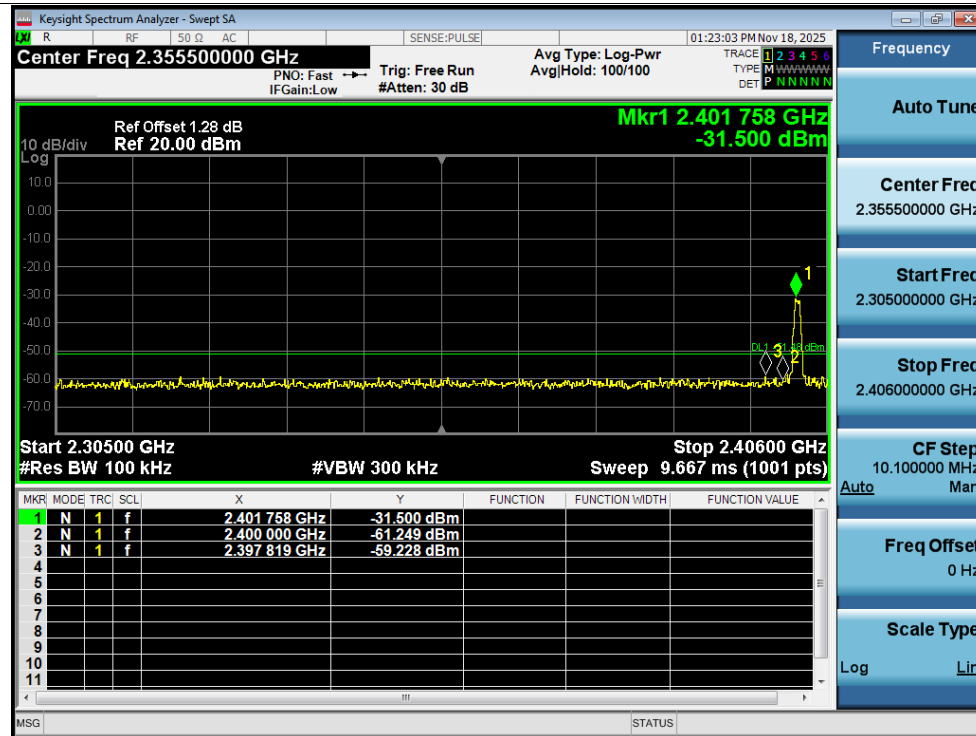
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant3	-27.75	-20	Pass
NVNT	BLE 1M	2480	Ant3	-24.15	-20	Pass
NVNT	BLE 2M	2402	Ant3	-25.63	-20	Pass
NVNT	BLE 2M	2480	Ant3	-23.76	-20	Pass

Test Graphs

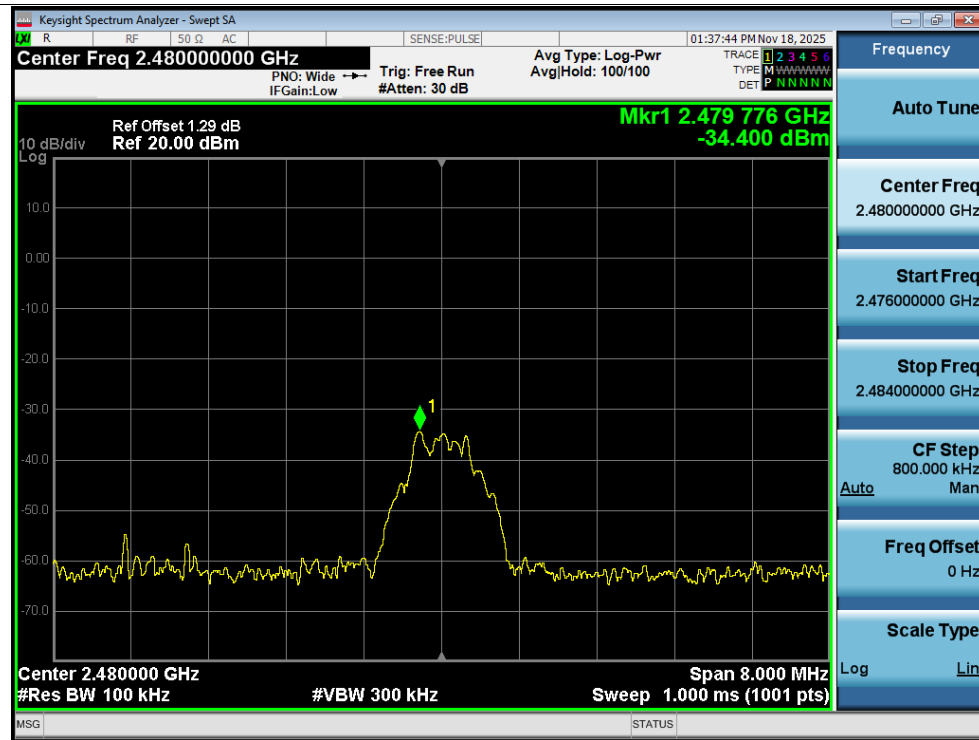
Band Edge NVNT BLE 1M 2402MHz Ant3 Ref



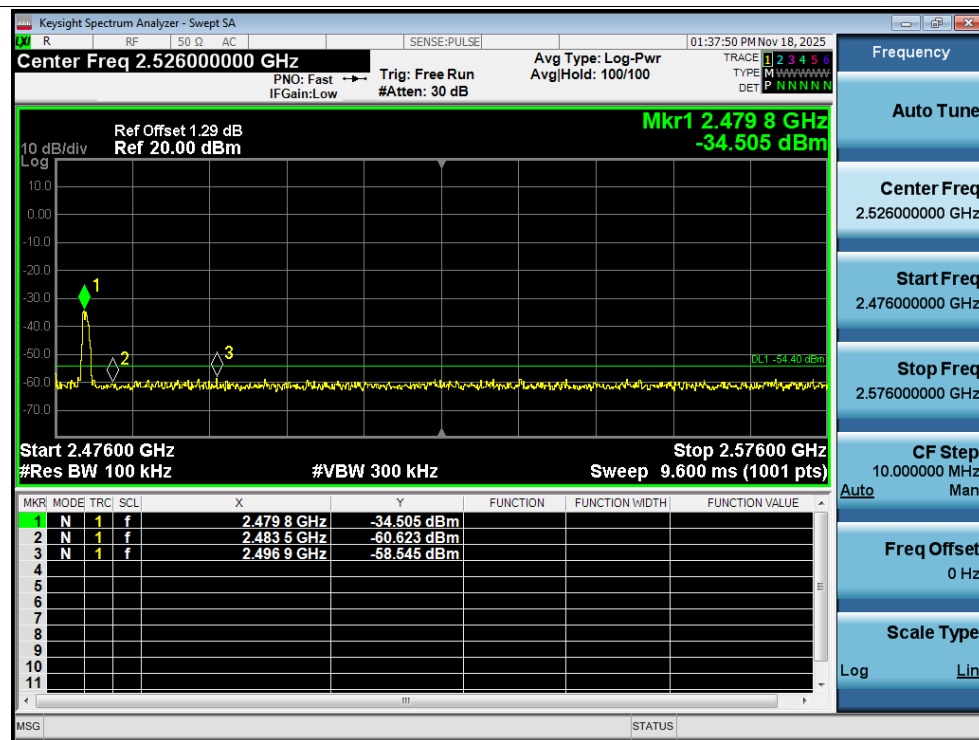
Band Edge NVNT BLE 1M 2402MHz Ant3 Emission



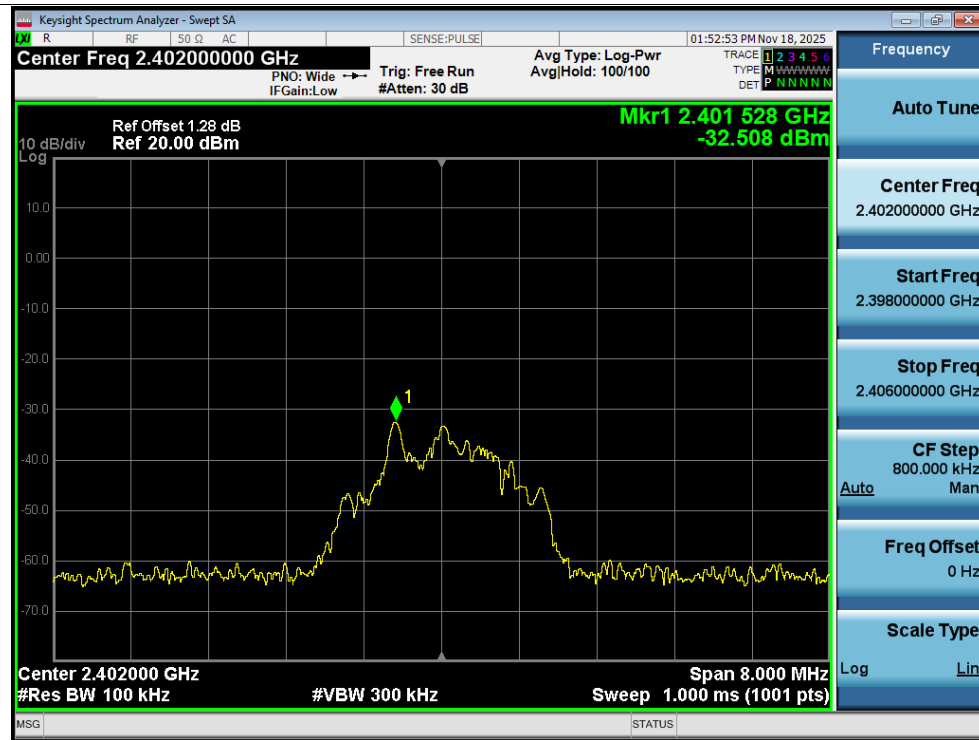
Band Edge NVNT BLE 1M 2480MHz Ant3 Ref



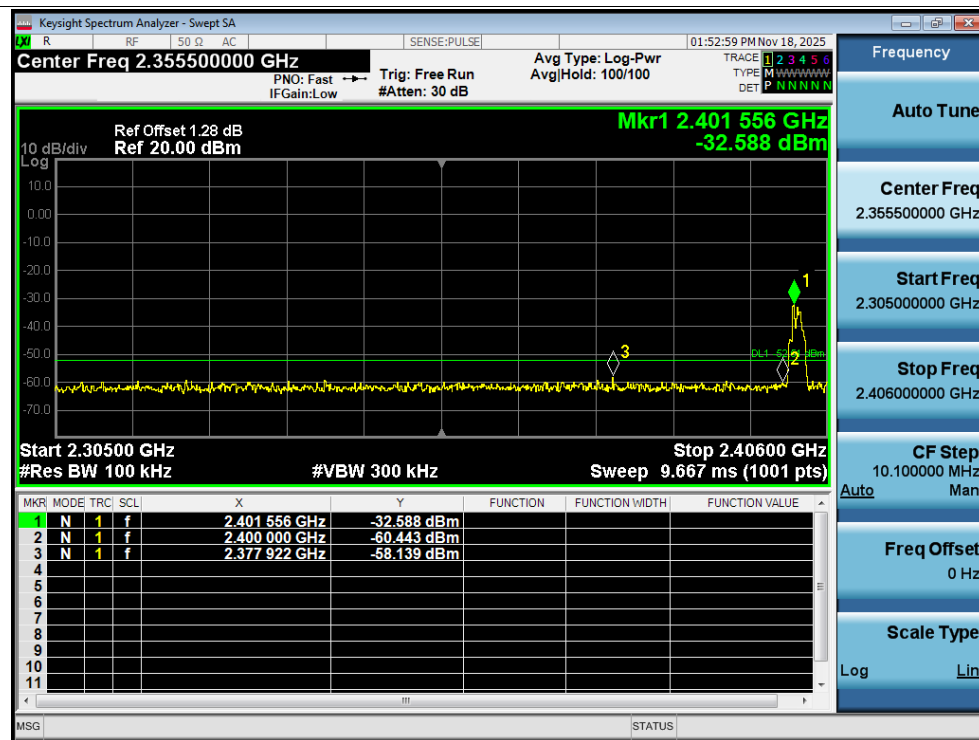
Band Edge NVNT BLE 1M 2480MHz Ant3 Emission



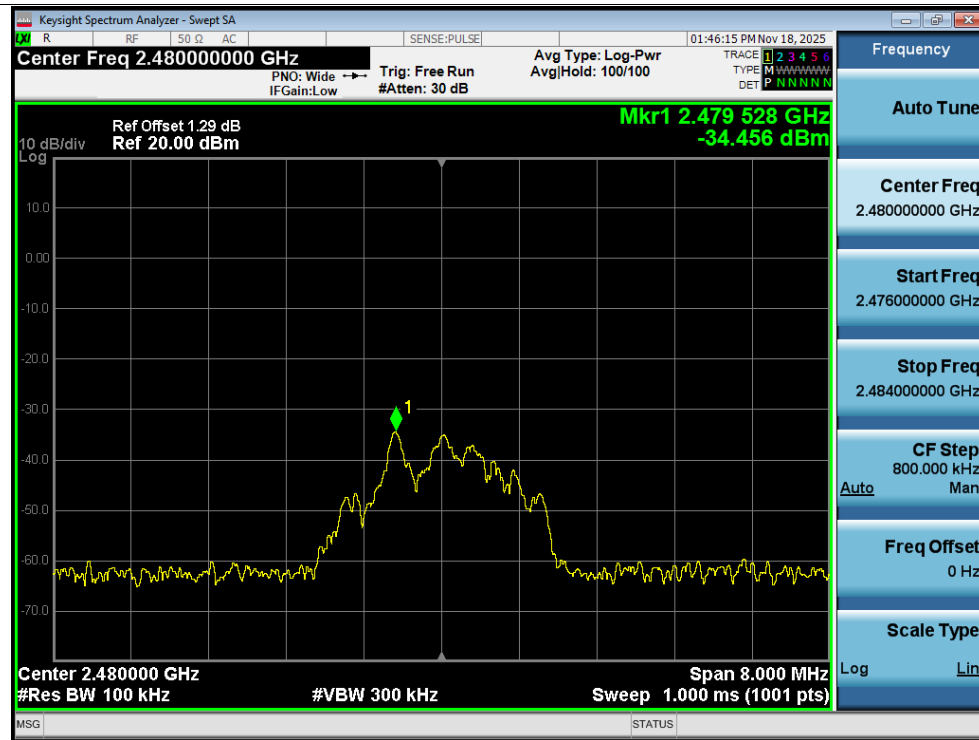
Band Edge NVNT BLE 2M 2402MHz Ant3 Ref



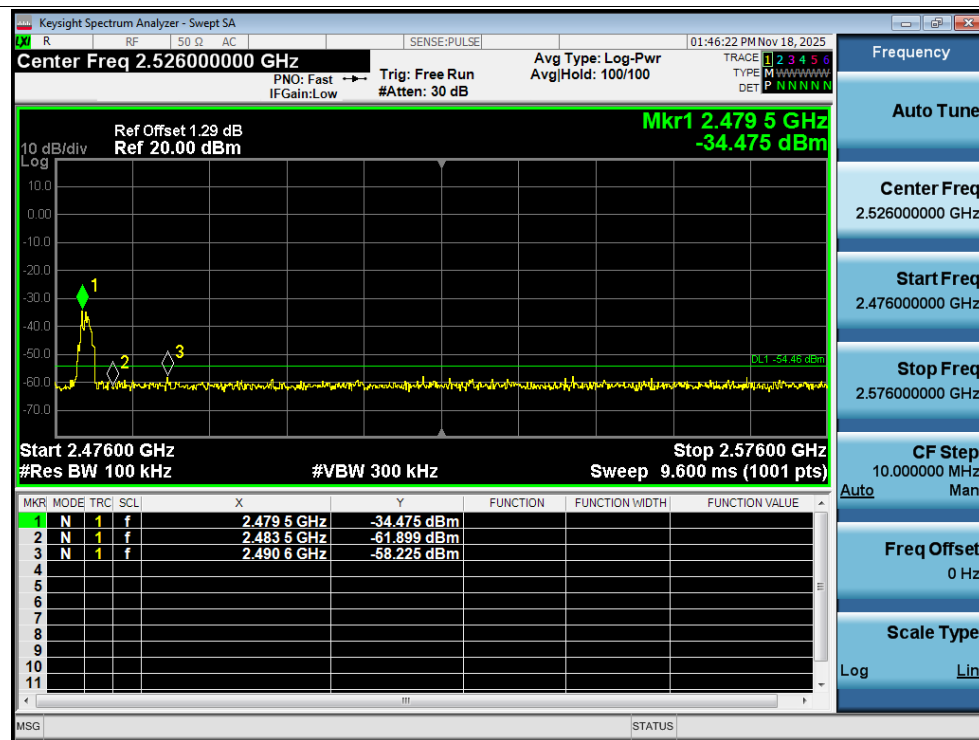
Band Edge NVNT BLE 2M 2402MHz Ant3 Emission



Band Edge NVNT BLE 2M 2480MHz Ant3 Ref



Band Edge NVNT BLE 2M 2480MHz Ant3 Emission



Conducted RF Spurious Emission

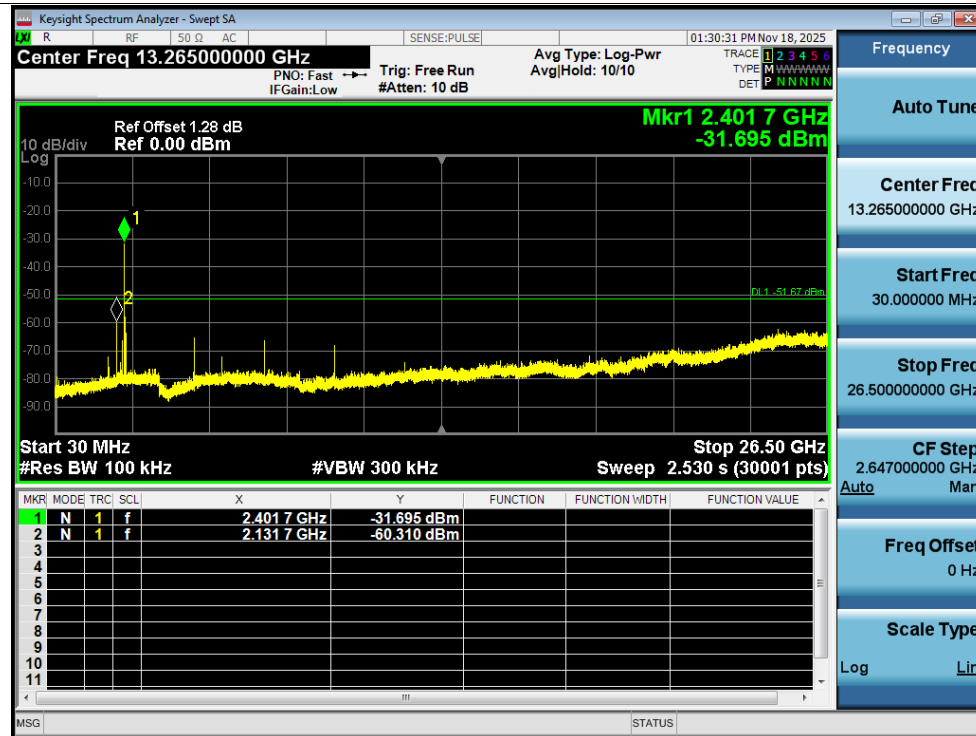
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant3	-28.64	-20	Pass
NVNT	BLE 1M	2440	Ant3	-28.1	-20	Pass
NVNT	BLE 1M	2480	Ant3	-27.65	-20	Pass
NVNT	BLE 2M	2402	Ant3	-30.5	-20	Pass
NVNT	BLE 2M	2440	Ant3	-27.81	-20	Pass
NVNT	BLE 2M	2480	Ant3	-28.2	-20	Pass

Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant3 Ref



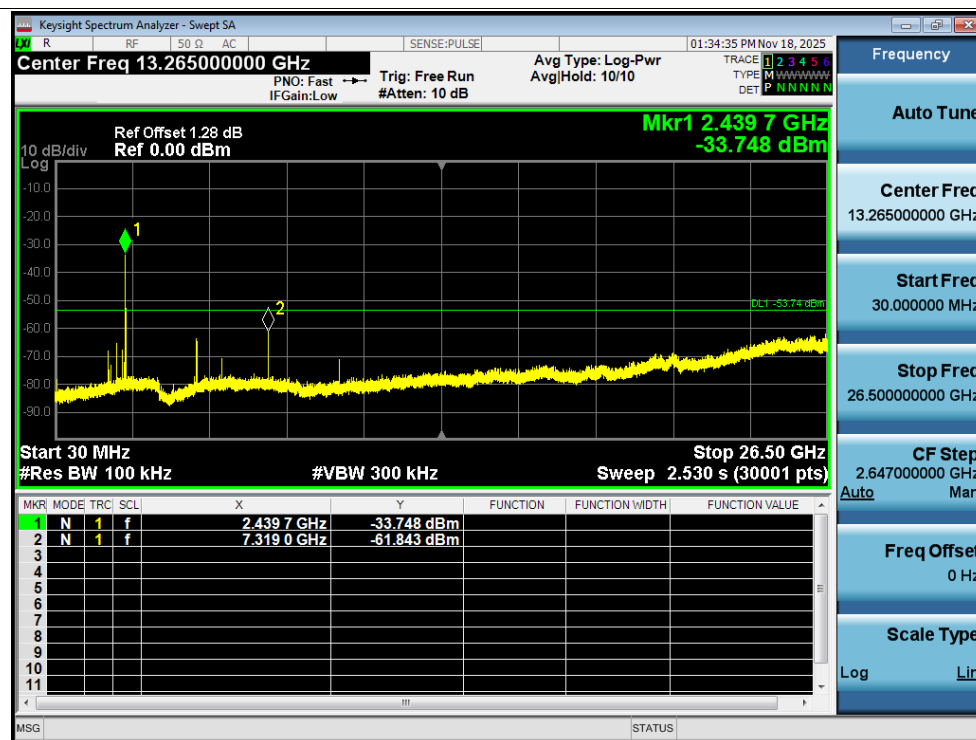
Tx. Spurious NVNT BLE 1M 2402MHz Ant3 Emission



Tx. Spurious NVNT BLE 1M 2440MHz Ant3 Ref



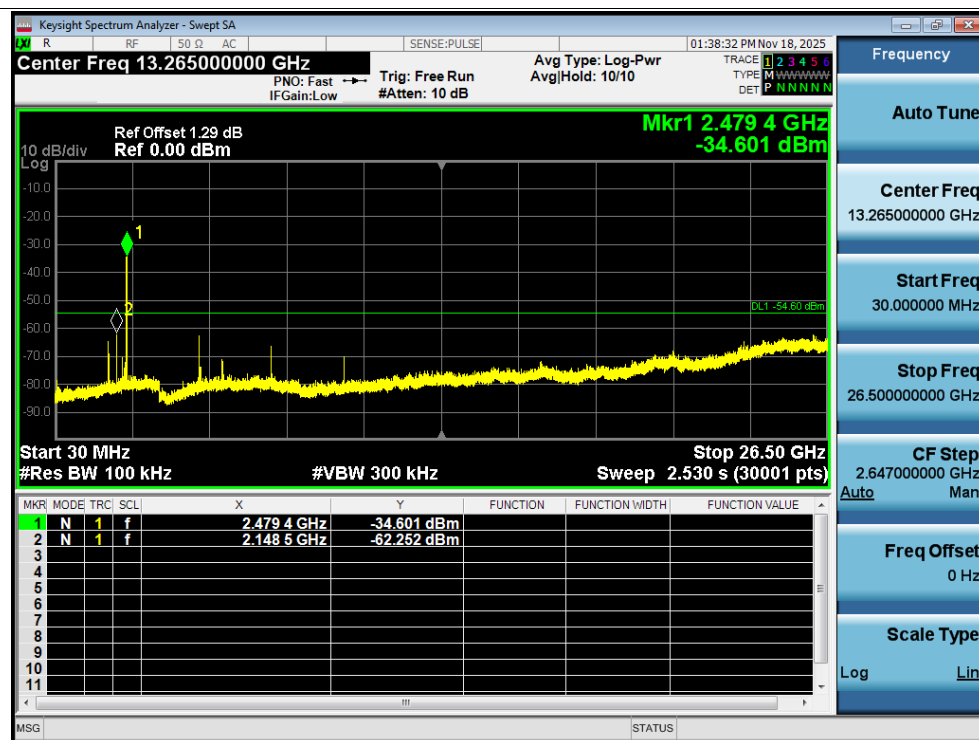
Tx. Spurious NVNT BLE 1M 2440MHz Ant3 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant3 Ref



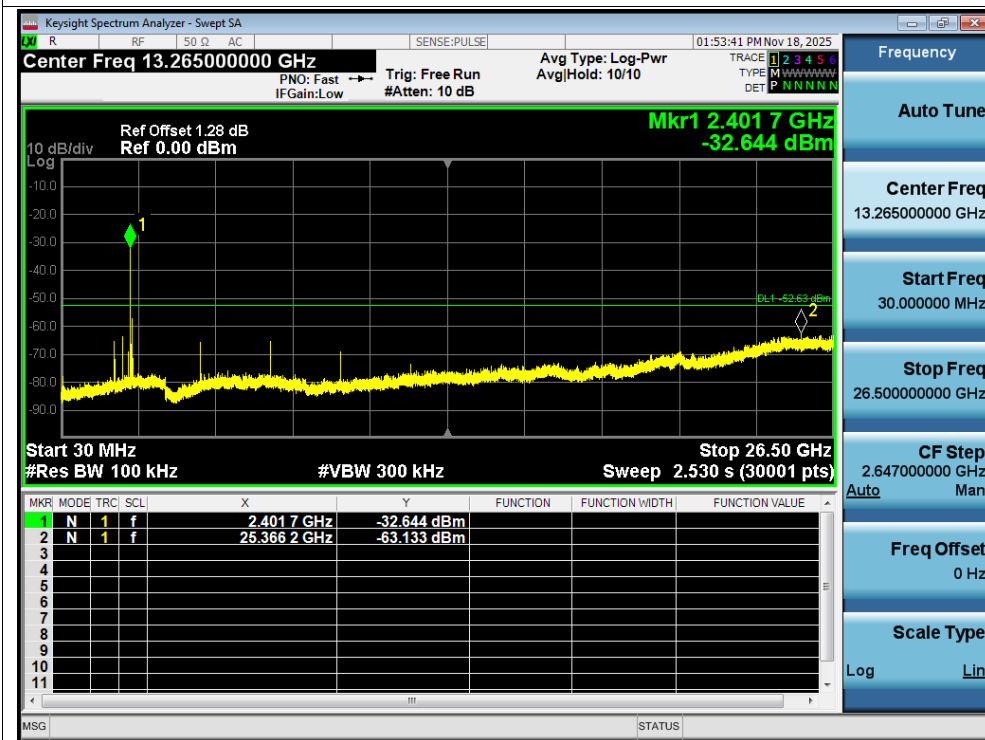
Tx. Spurious NVNT BLE 1M 2480MHz Ant3 Emission



Tx. Spurious NVNT BLE 2M 2402MHz Ant3 Ref



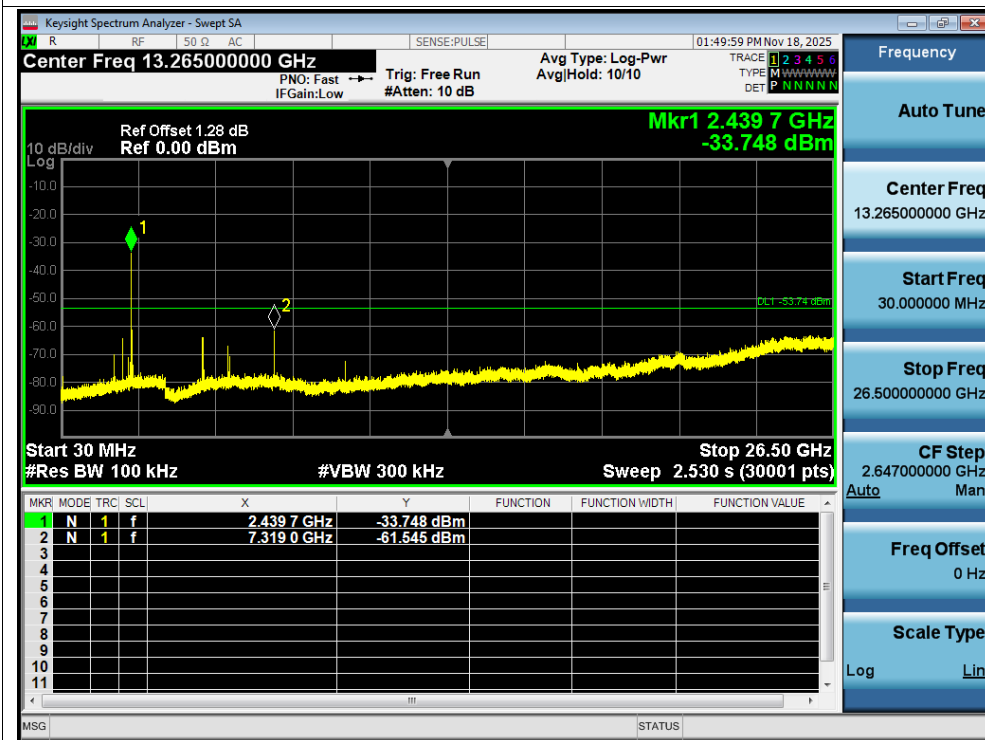
Tx. Spurious NVNT BLE 2M 2402MHz Ant3 Emission



Tx. Spurious NVNT BLE 2M 2440MHz Ant3 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant3 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant3 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant3 Emission

