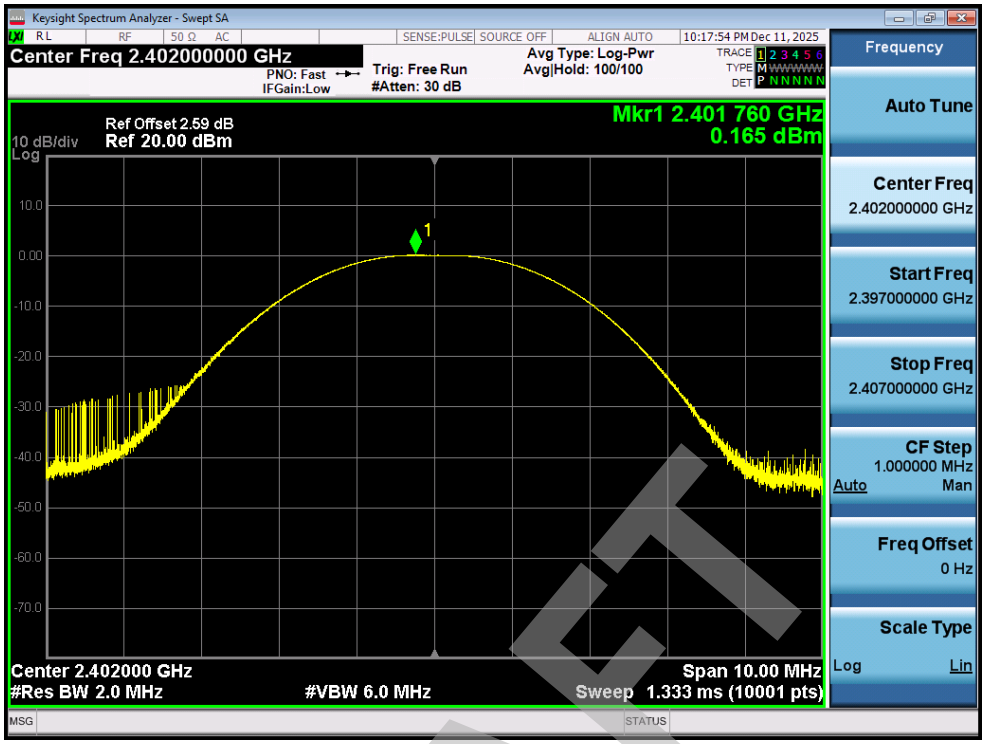
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	0.17	30	Pass
NVNT	BLE 1M	2440	0.82	30	Pass
NVNT	BLE 1M	2480	1.18	30	Pass
NVNT	BLE 2M	2402	0.17	30	Pass
NVNT	BLE 2M	2440	0.82	30	Pass
NVNT	BLE 2M	2480	1.16	30	Pass

DRAFT

Test Graphs
Power NVNT BLE 1M 2402MHz



Power NVNT BLE 1M 2440MHz

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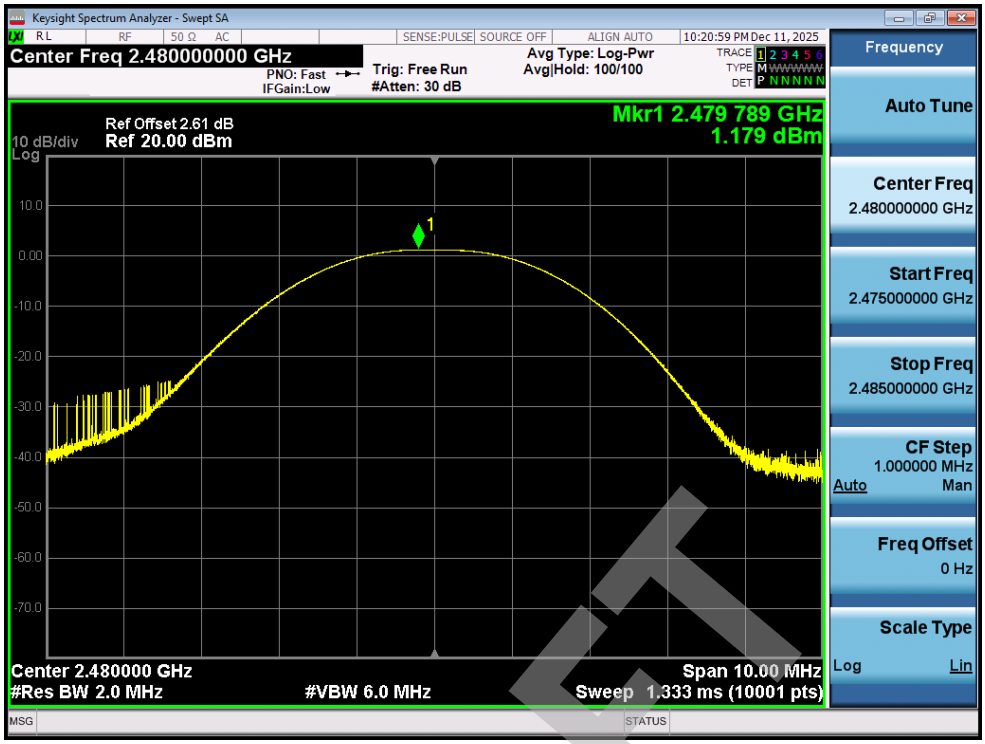
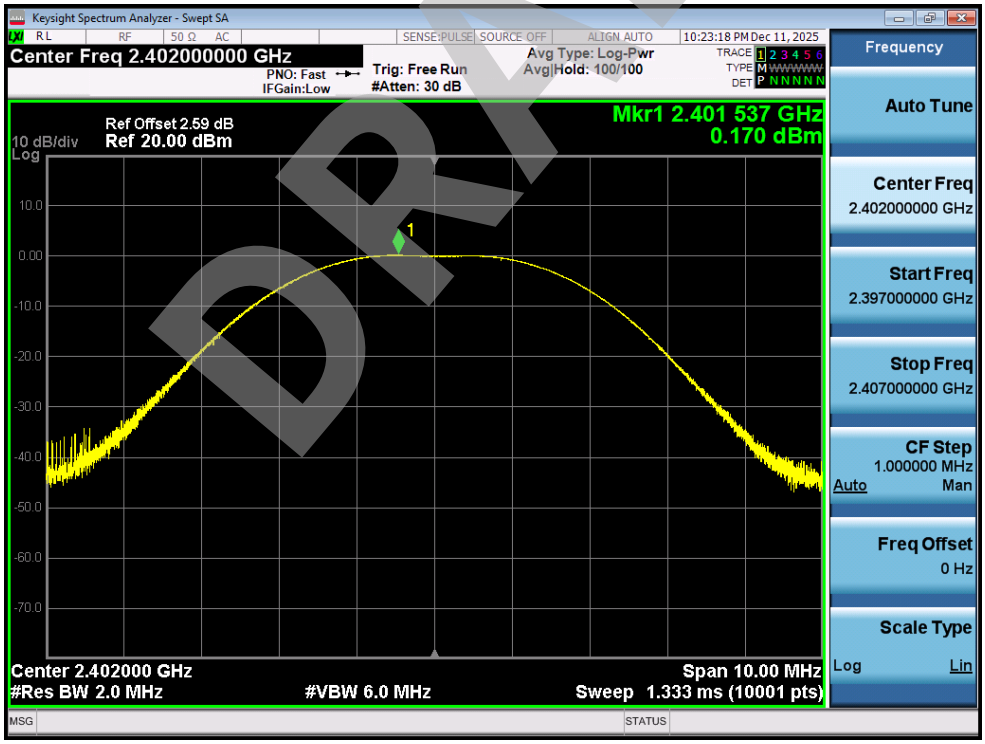
Power NVNT BLE 1M 2480MHz



Power NVNT BLE 2M 2402MHz



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Power NVNT BLE 2M 2440MHz

Power NVNT BLE 2M 2480MHz

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-6dB Bandwidth

Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	0.681	0.5	Pass
NVNT	BLE 1M	2440	0.68	0.5	Pass
NVNT	BLE 1M	2480	0.688	0.5	Pass
NVNT	BLE 2M	2402	1.232	0.5	Pass
NVNT	BLE 2M	2440	1.172	0.5	Pass
NVNT	BLE 2M	2480	1.128	0.5	Pass

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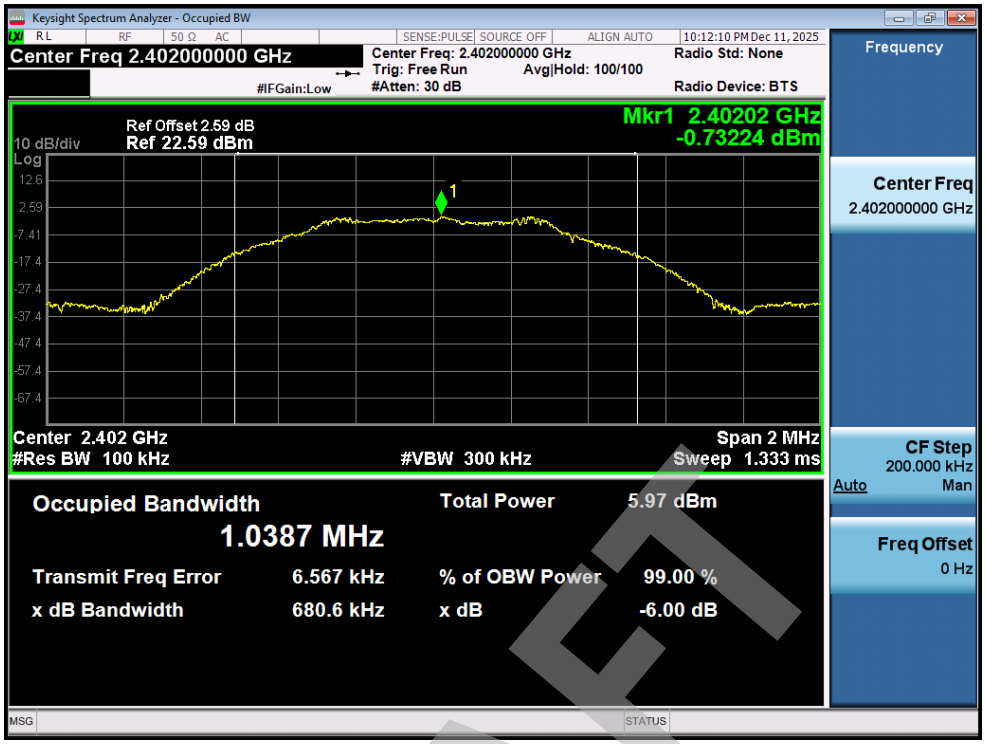
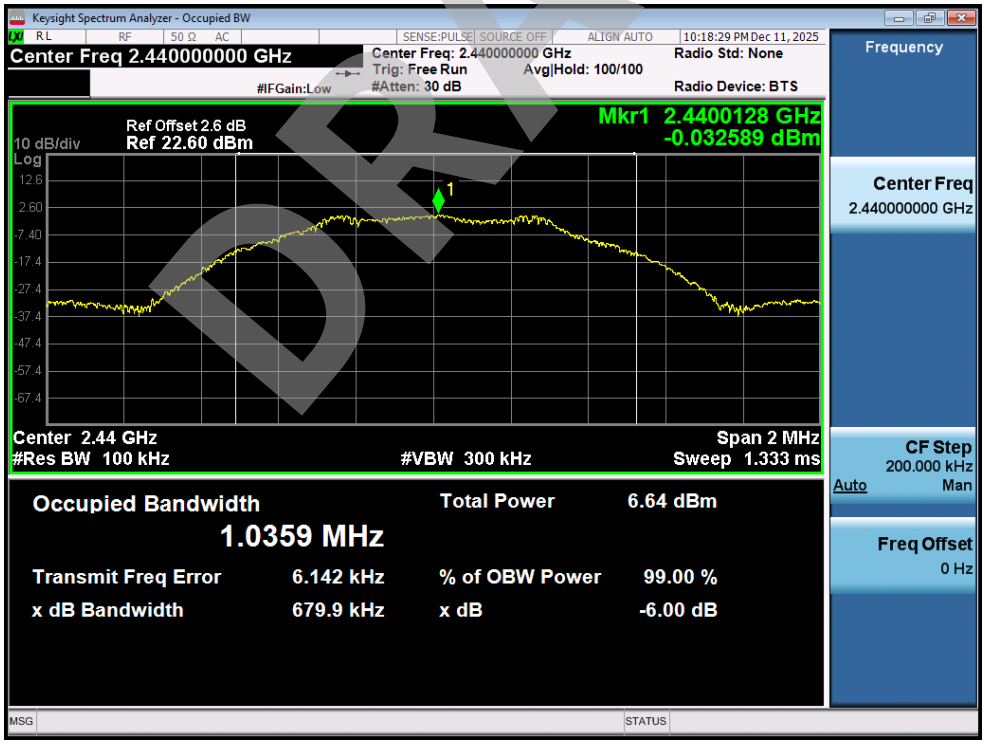
Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz



-6dB Bandwidth NVNT BLE 1M 2440MHz



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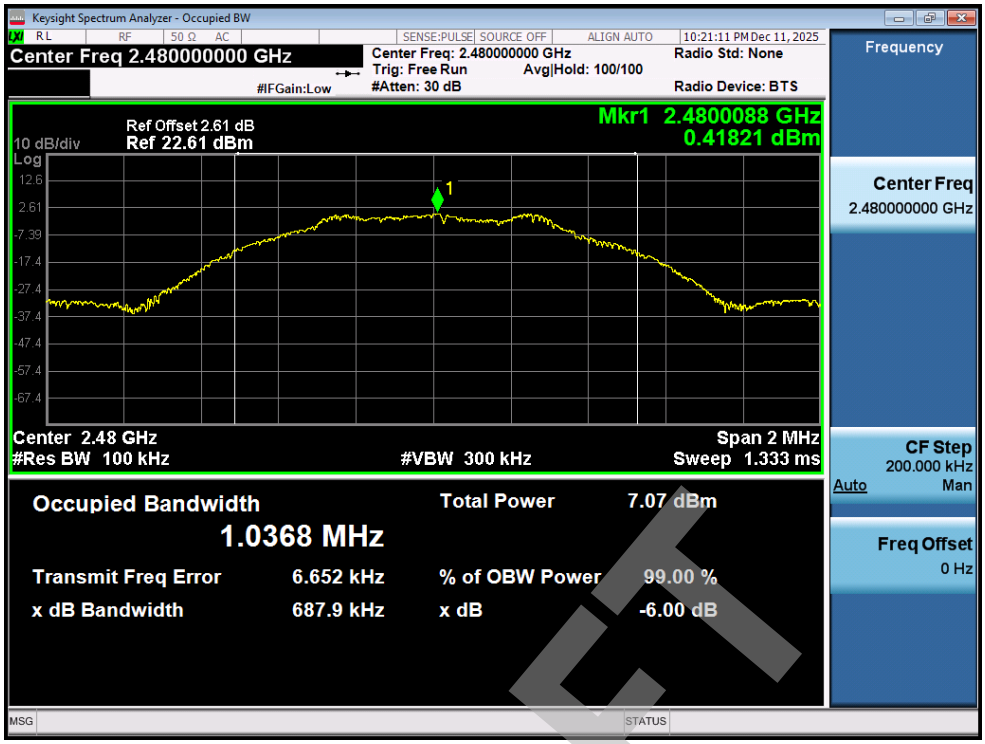
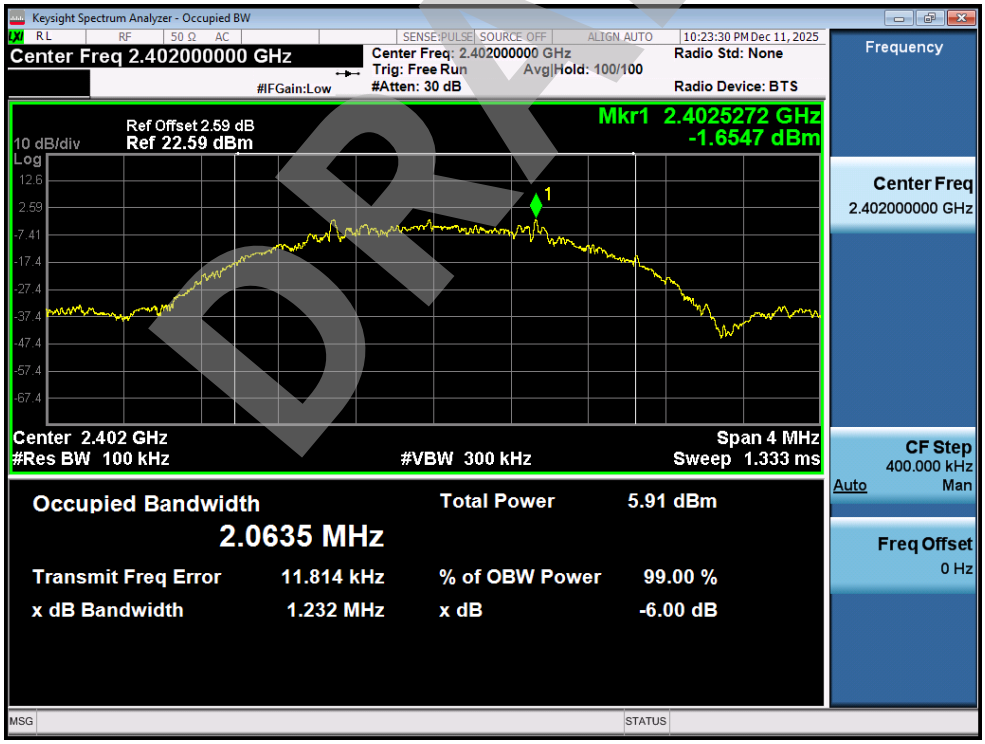
-6dB Bandwidth NVNT BLE 1M 2480MHz



-6dB Bandwidth NVNT BLE 2M 2402MHz



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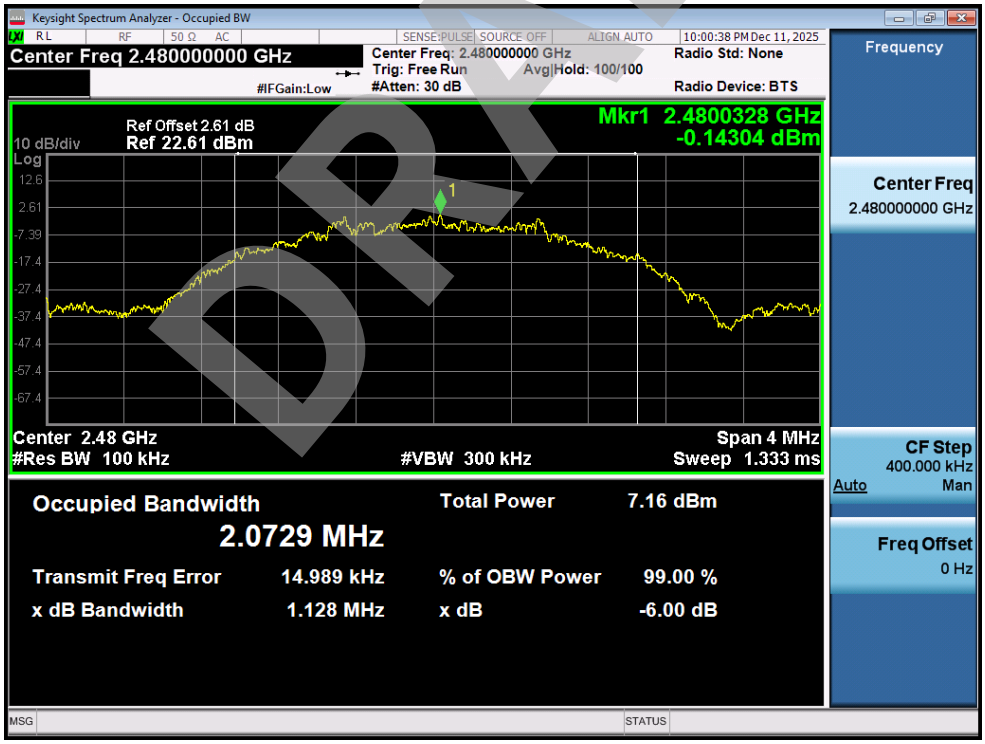
-6dB Bandwidth NVNT BLE 2M 2440MHz

-6dB Bandwidth NVNT BLE 2M 2480MHz



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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.032
NVNT	BLE 1M	2440	1.03
NVNT	BLE 1M	2480	1.033
NVNT	BLE 2M	2402	2.075
NVNT	BLE 2M	2440	2.067
NVNT	BLE 2M	2480	2.07

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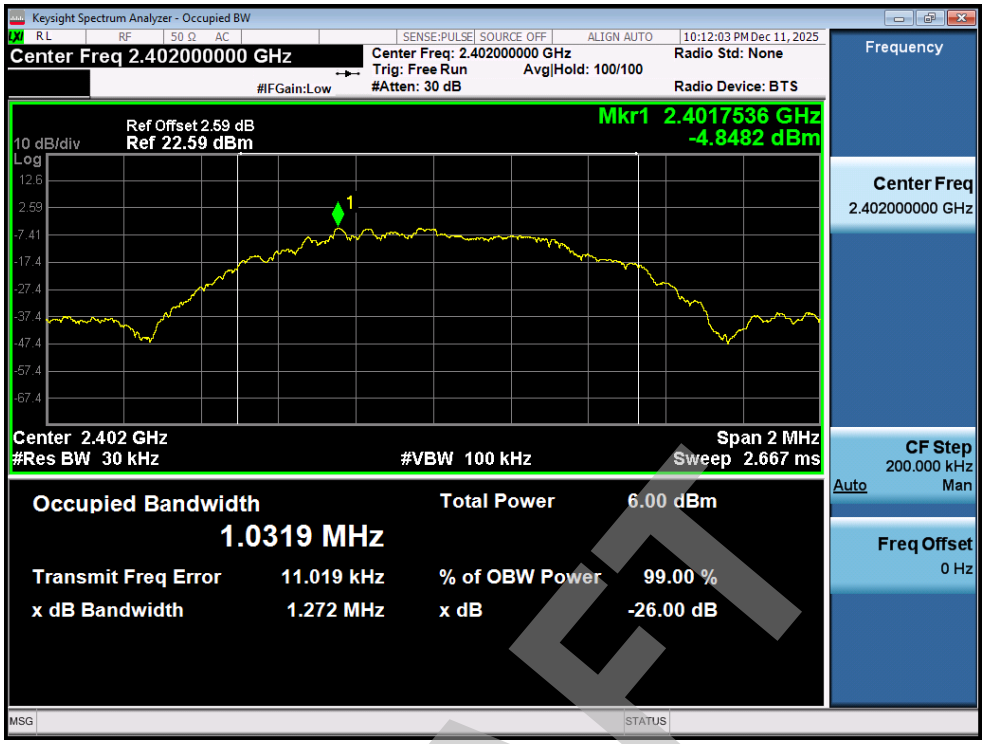
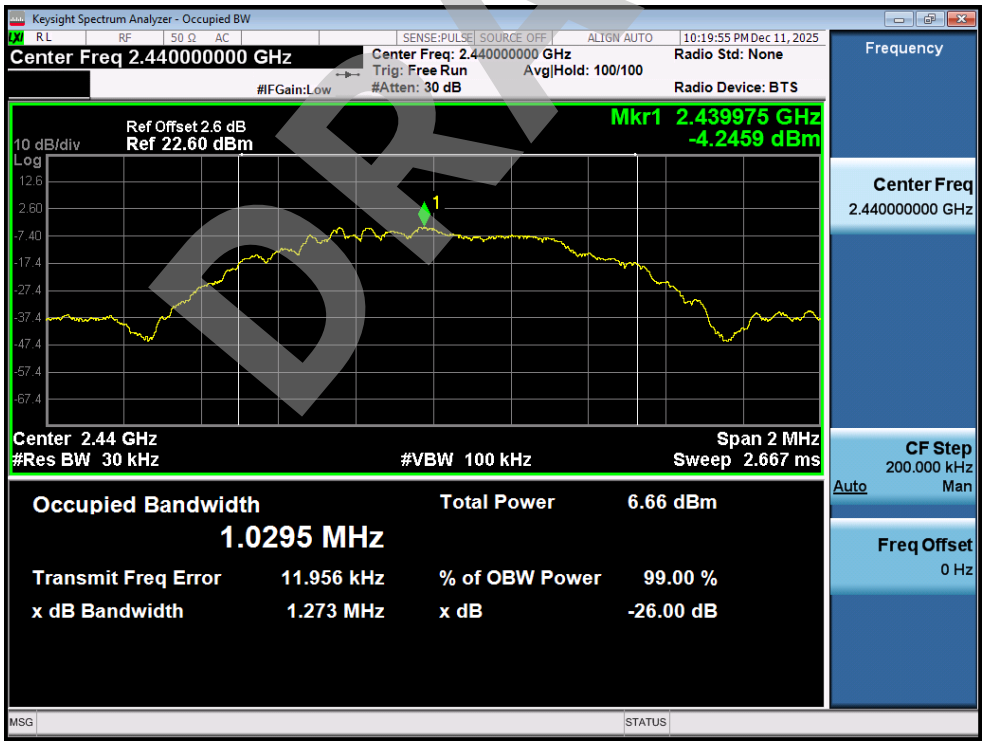
Test Graphs
OBW NVNT BLE 1M 2402MHz



OBW NVNT BLE 1M 2440MHz



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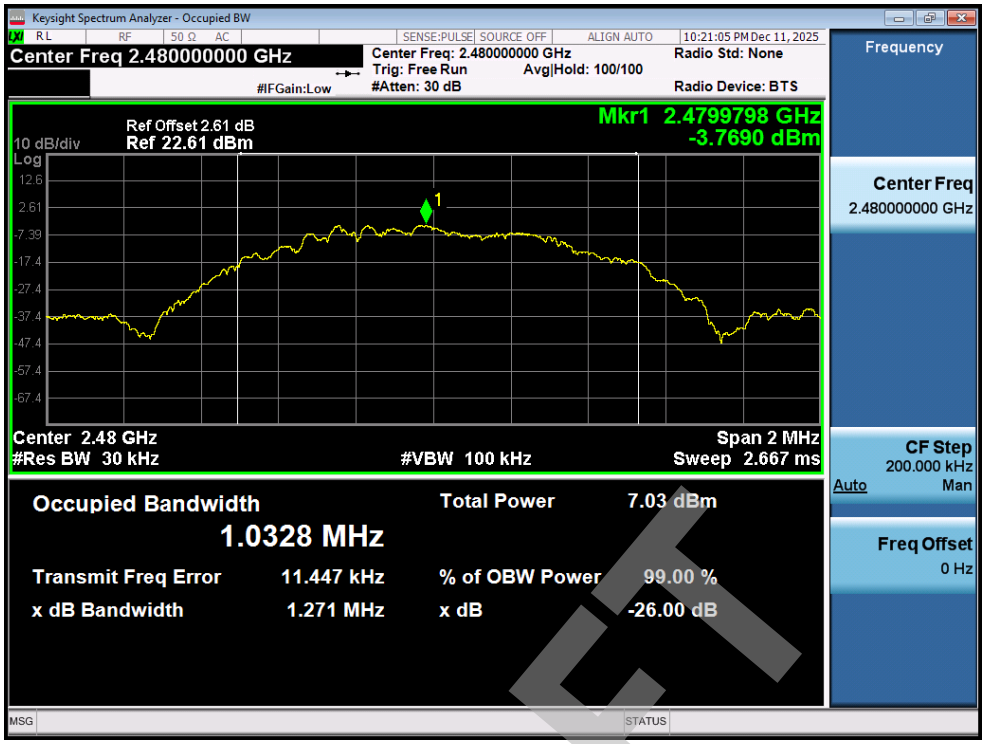
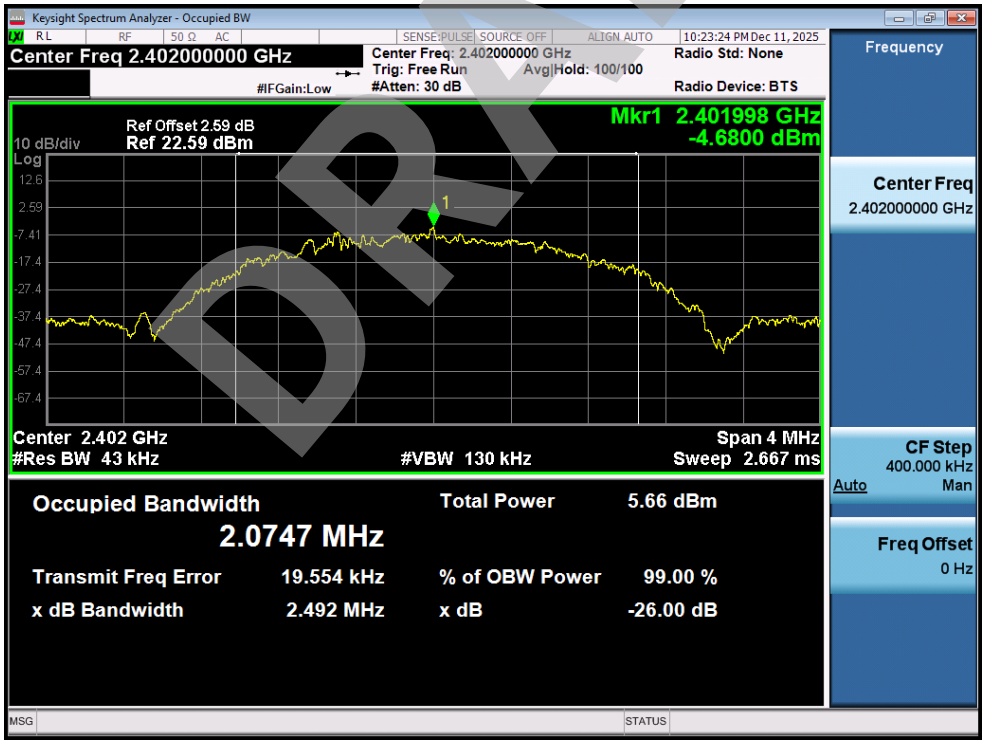
OBW NVNT BLE 1M 2480MHz



OBW NVNT BLE 2M 2402MHz



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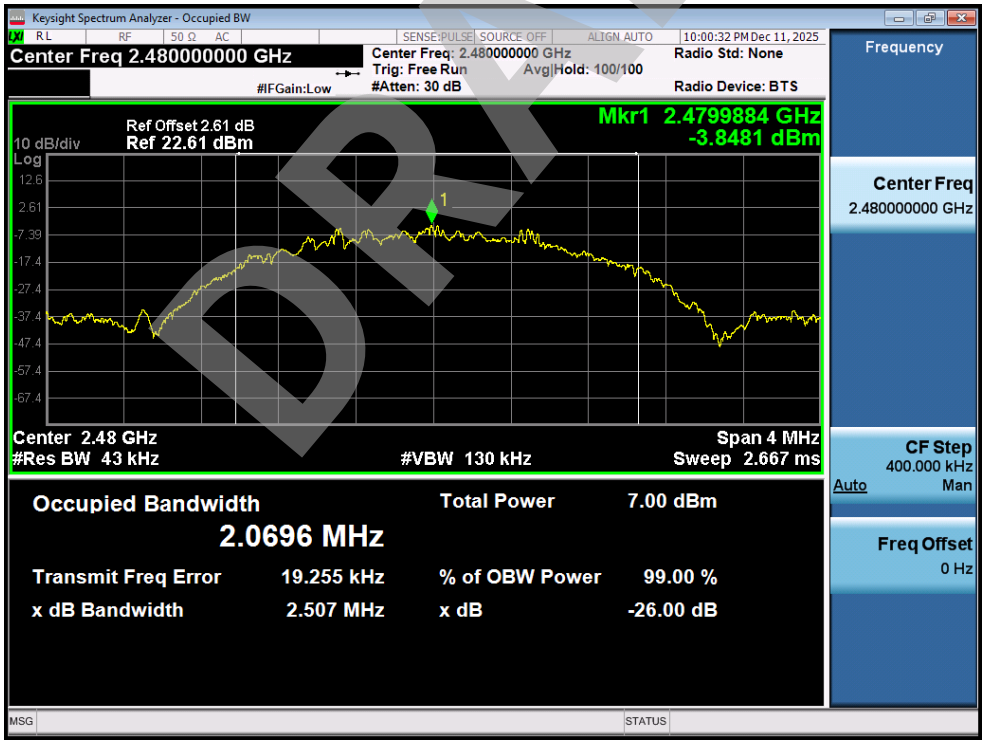
OBW NVNT BLE 2M 2440MHz

OBW NVNT BLE 2M 2480MHz



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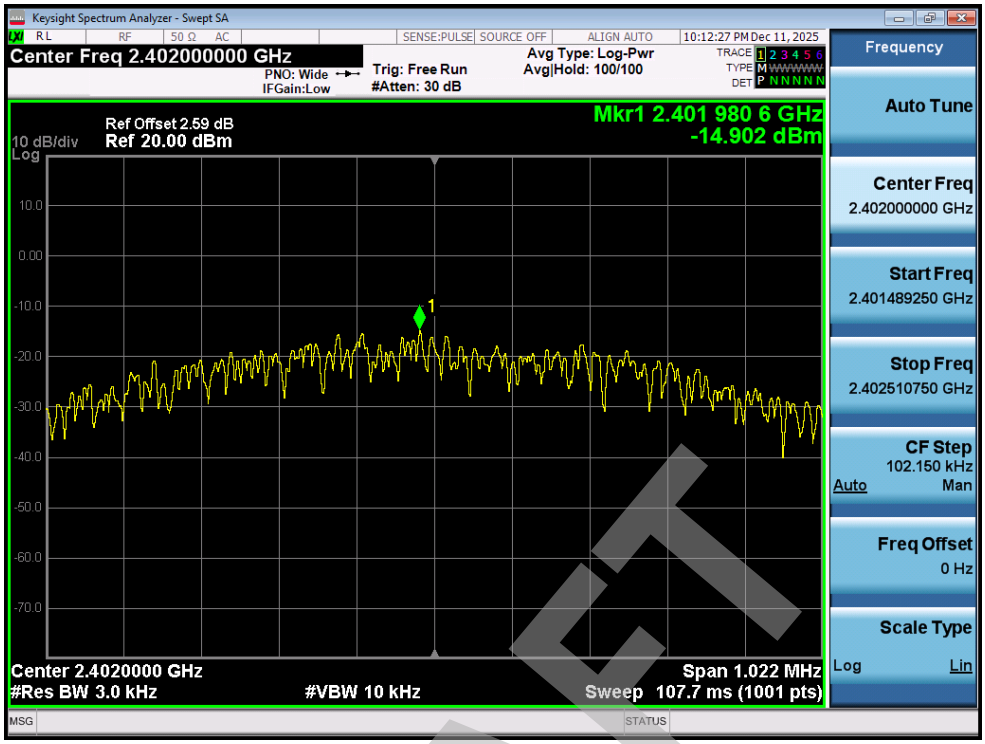
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	-14.9	8	Pass
NVNT	BLE 1M	2440	-14.18	8	Pass
NVNT	BLE 1M	2480	-13.66	8	Pass
NVNT	BLE 2M	2402	-19.31	8	Pass
NVNT	BLE 2M	2440	-18.82	8	Pass
NVNT	BLE 2M	2480	-18.2	8	Pass

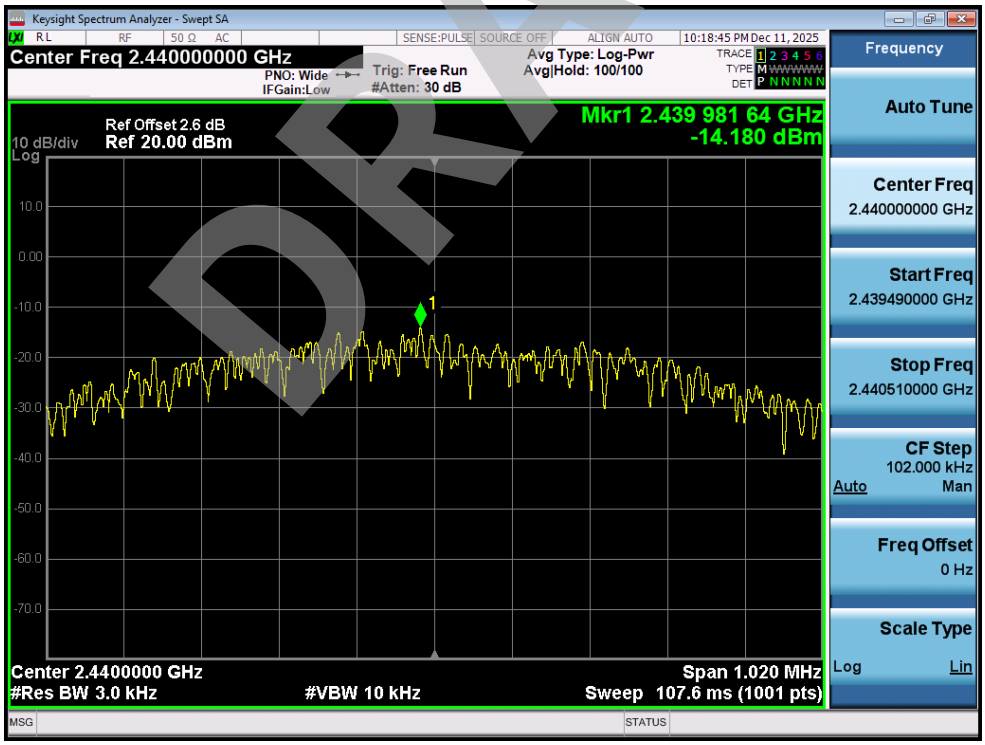
DRAFT

Test Graphs

PSD NVNT BLE 1M 2402MHz



PSD NVNT BLE 1M 2440MHz



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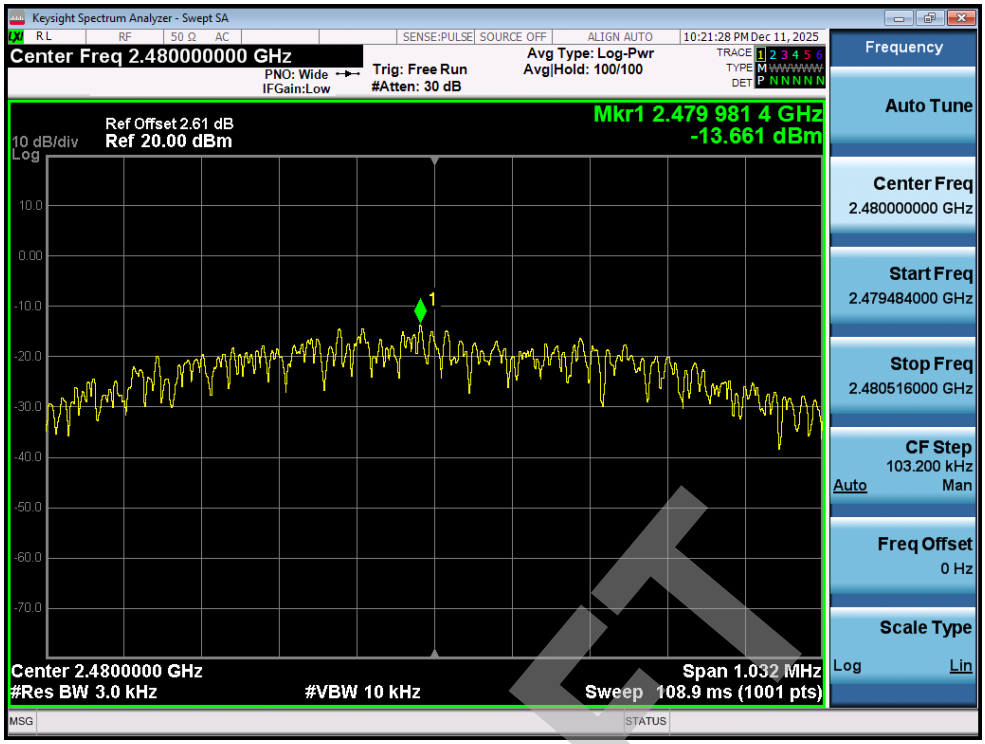
PSD NVNT BLE 1M 2480MHz



PSD NVNT BLE 2M 2402MHz

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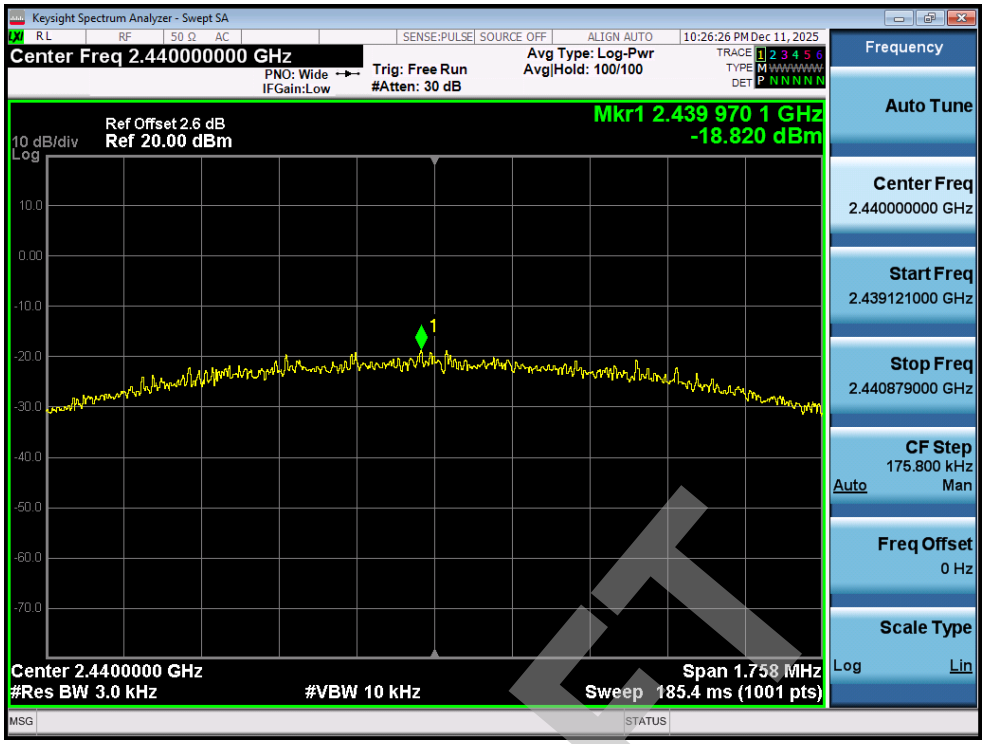
PSD NVNT BLE 2M 2440MHz



PSD NVNT BLE 2M 2480MHz

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Band Edge

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-42.54	-20	Pass
NVNT	BLE 1M	2480	-46.77	-20	Pass
NVNT	BLE 2M	2402	-33.82	-20	Pass
NVNT	BLE 2M	2480	-50.45	-20	Pass

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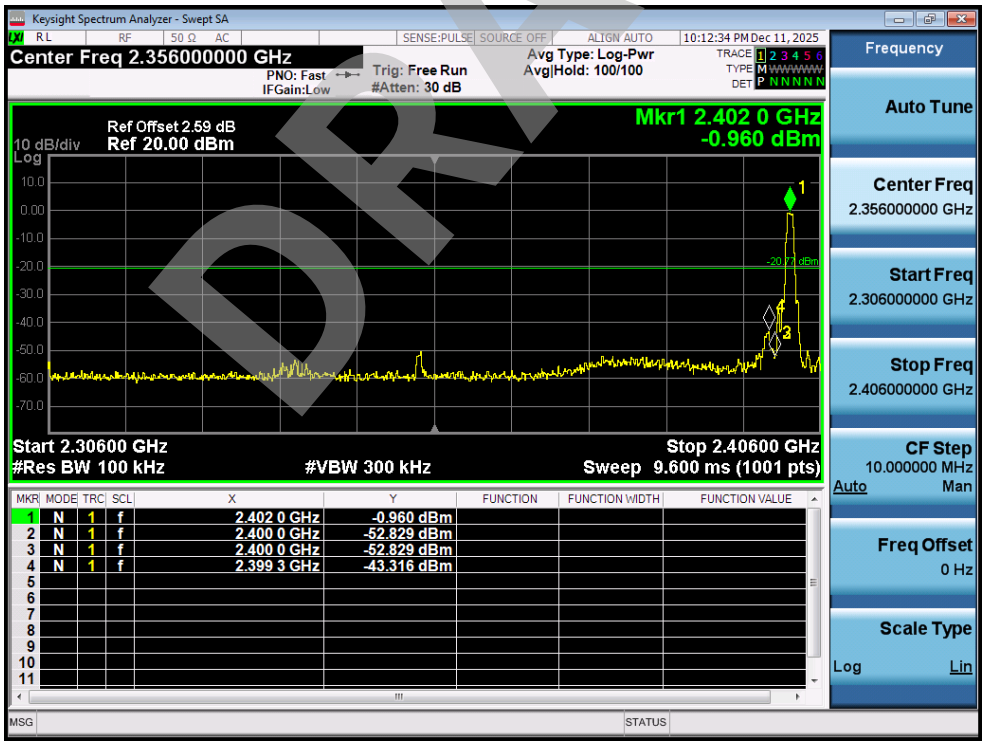
Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ref

Band Edge NVNT BLE 1M 2402MHz Emission



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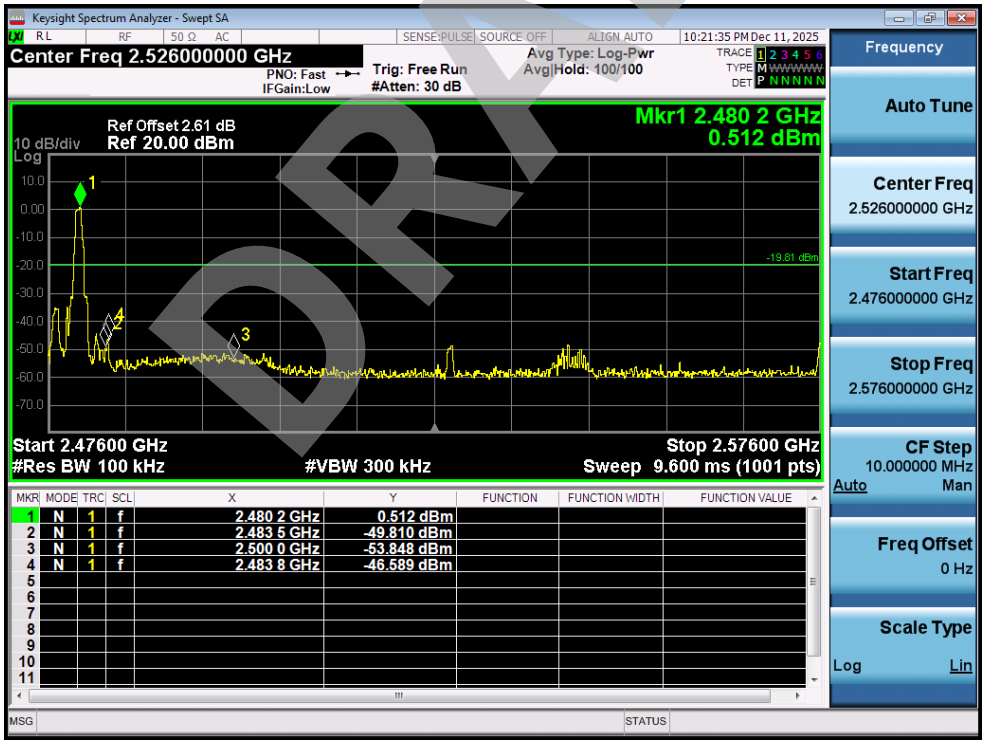
Band Edge NVNT BLE 1M 2480MHz Ref

Band Edge NVNT BLE 1M 2480MHz Emission



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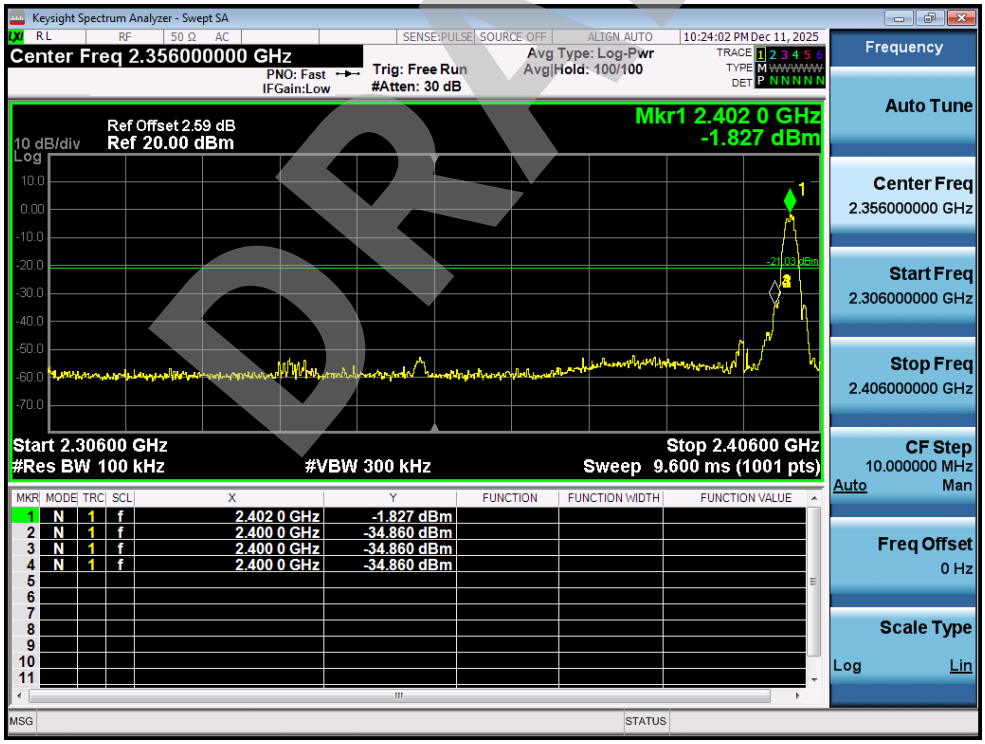
Band Edge NVNT BLE 2M 2402MHz Ref

Band Edge NVNT BLE 2M 2402MHz Emission



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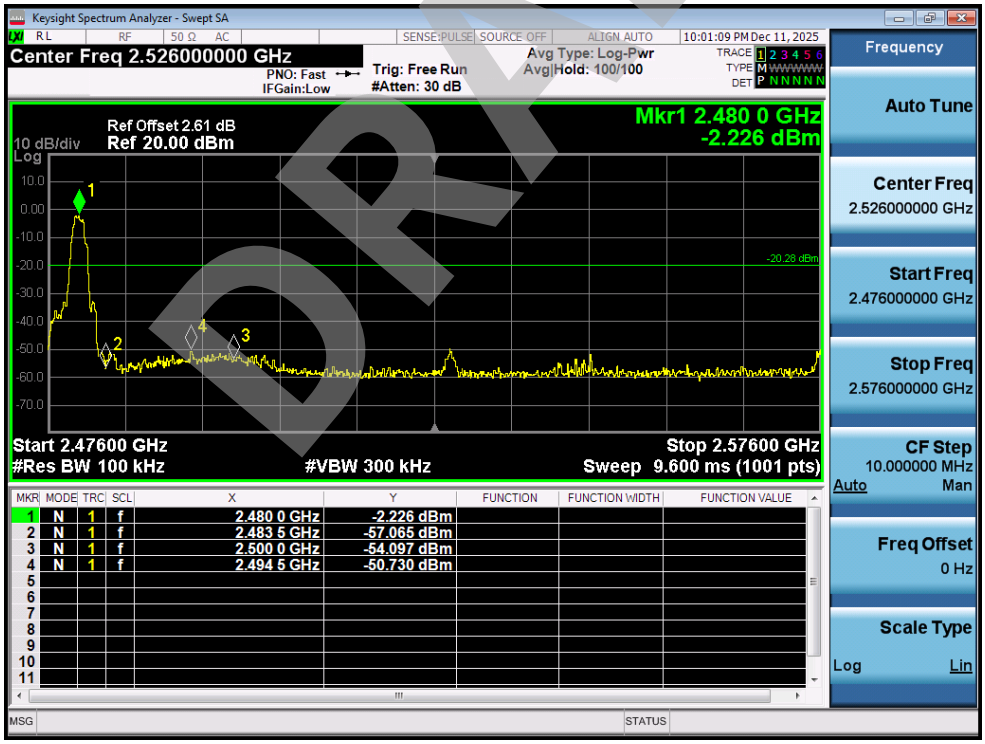
Band Edge NVNT BLE 2M 2480MHz Ref

Band Edge NVNT BLE 2M 2480MHz Emission



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Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-40.81	-20	Pass
NVNT	BLE 1M	2440	-42.05	-20	Pass
NVNT	BLE 1M	2480	-42.33	-20	Pass
NVNT	BLE 2M	2402	-40.27	-20	Pass
NVNT	BLE 2M	2440	-41.09	-20	Pass
NVNT	BLE 2M	2480	-41.63	-20	Pass

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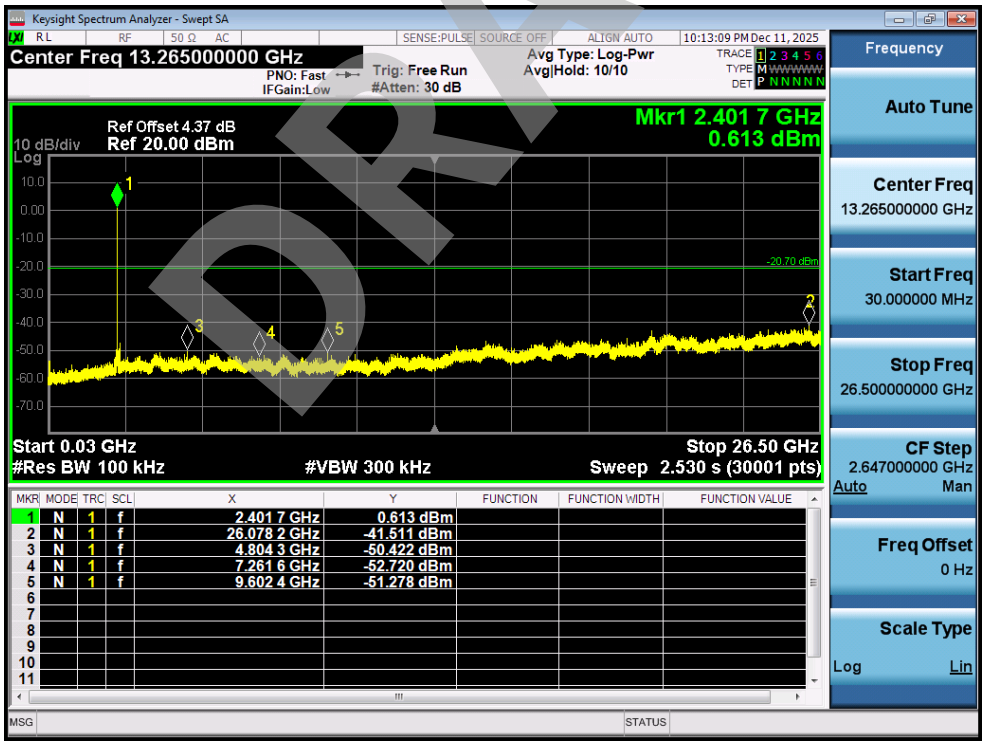
Test Graphs
Tx. Spurious NVNT BLE 1M 2402MHz Ref

Tx. Spurious NVNT BLE 1M 2402MHz Emission



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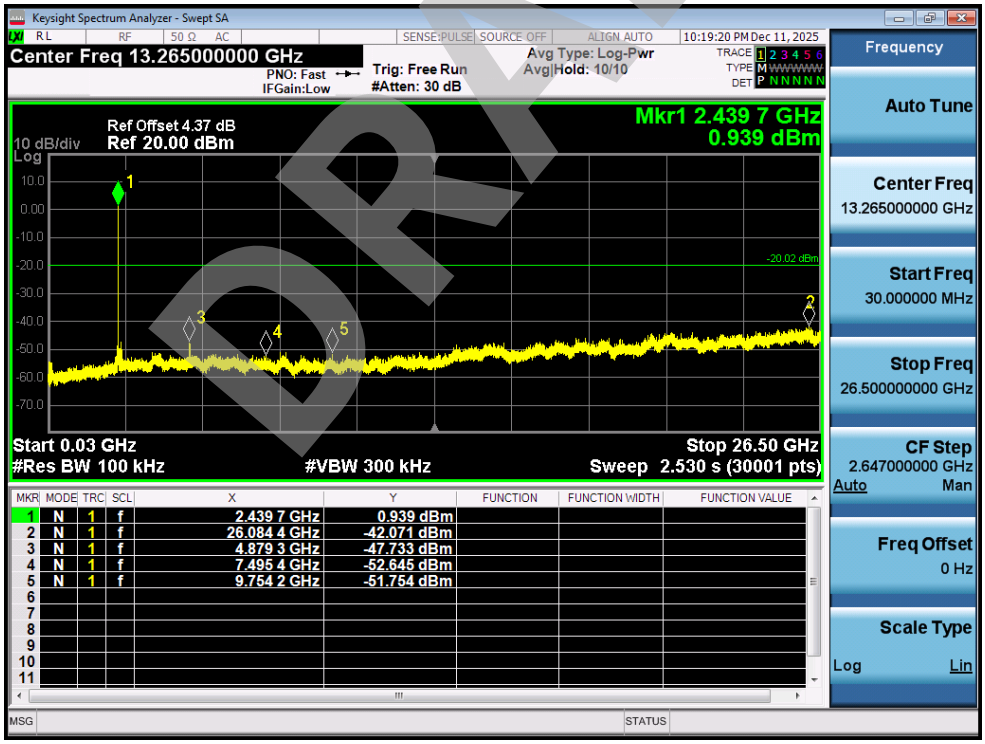
Tx. Spurious NVNT BLE 1M 2440MHz Ref

Tx. Spurious NVNT BLE 1M 2440MHz Emission



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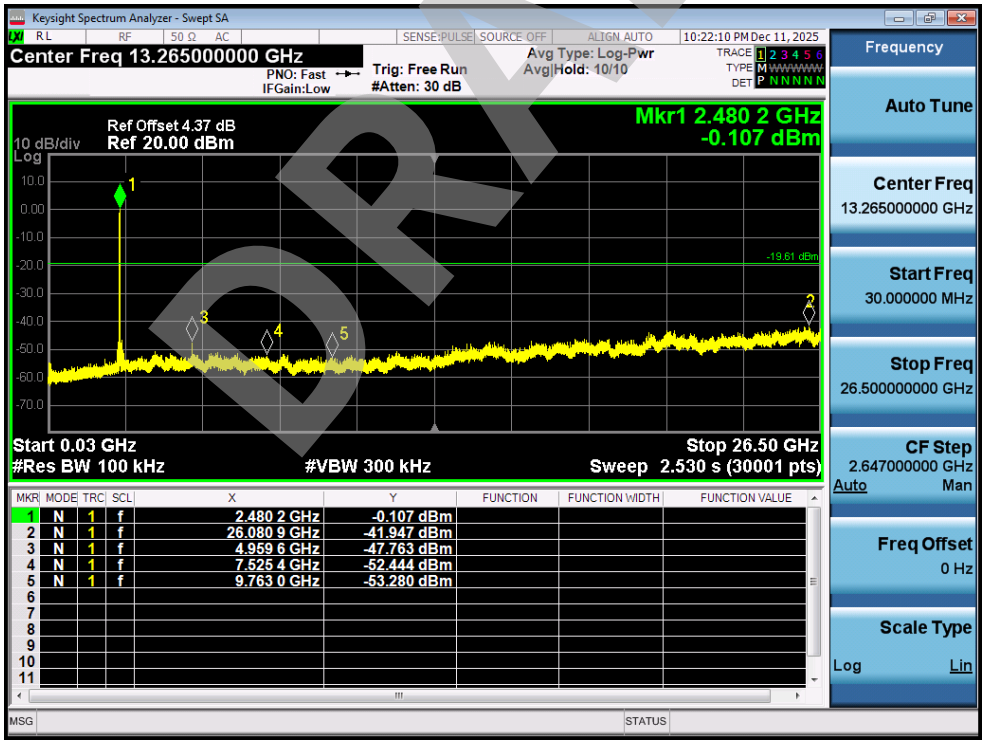
Tx. Spurious NVNT BLE 1M 2480MHz Ref

Tx. Spurious NVNT BLE 1M 2480MHz Emission



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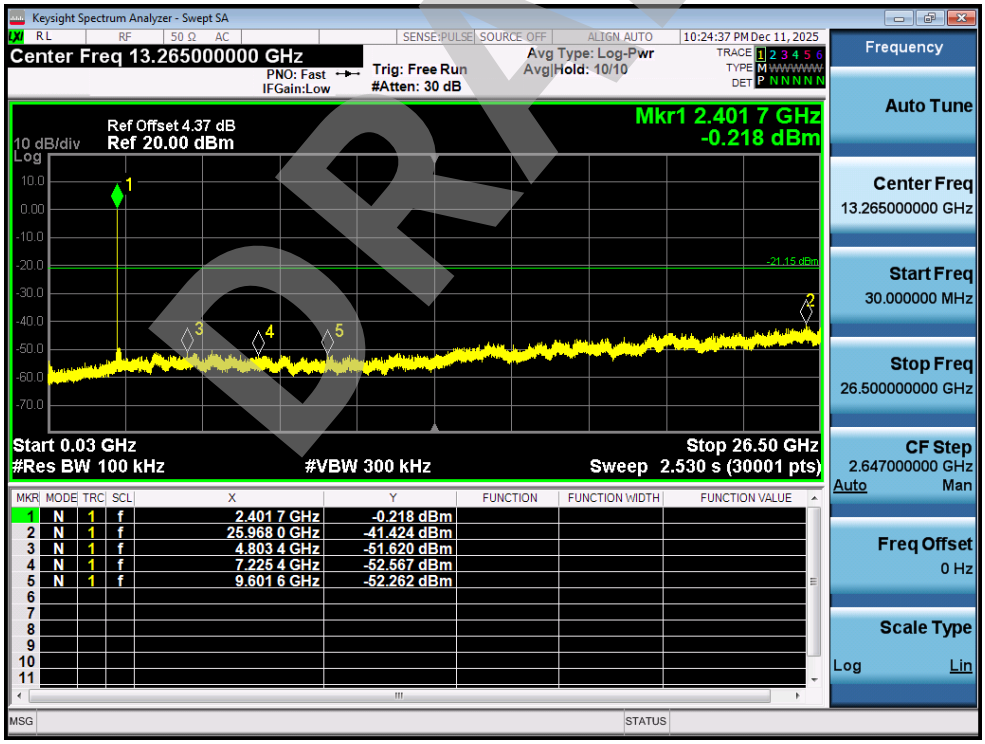
Tx. Spurious NVNT BLE 2M 2402MHz Ref

Tx. Spurious NVNT BLE 2M 2402MHz Emission



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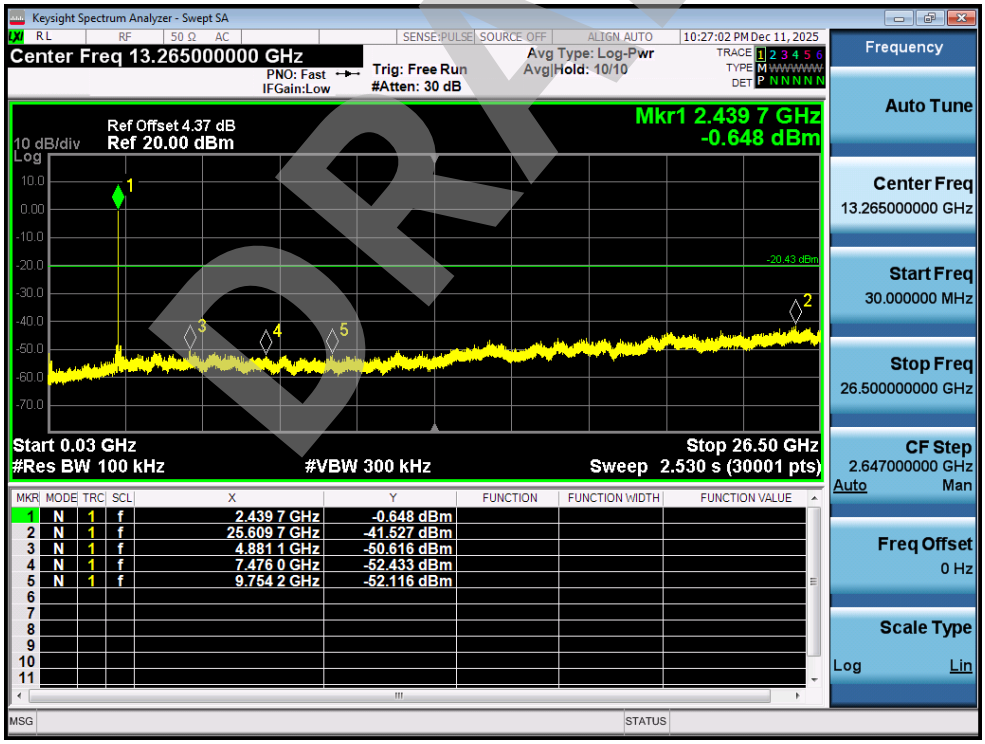
Tx. Spurious NVNT BLE 2M 2440MHz Ref

Tx. Spurious NVNT BLE 2M 2440MHz Emission



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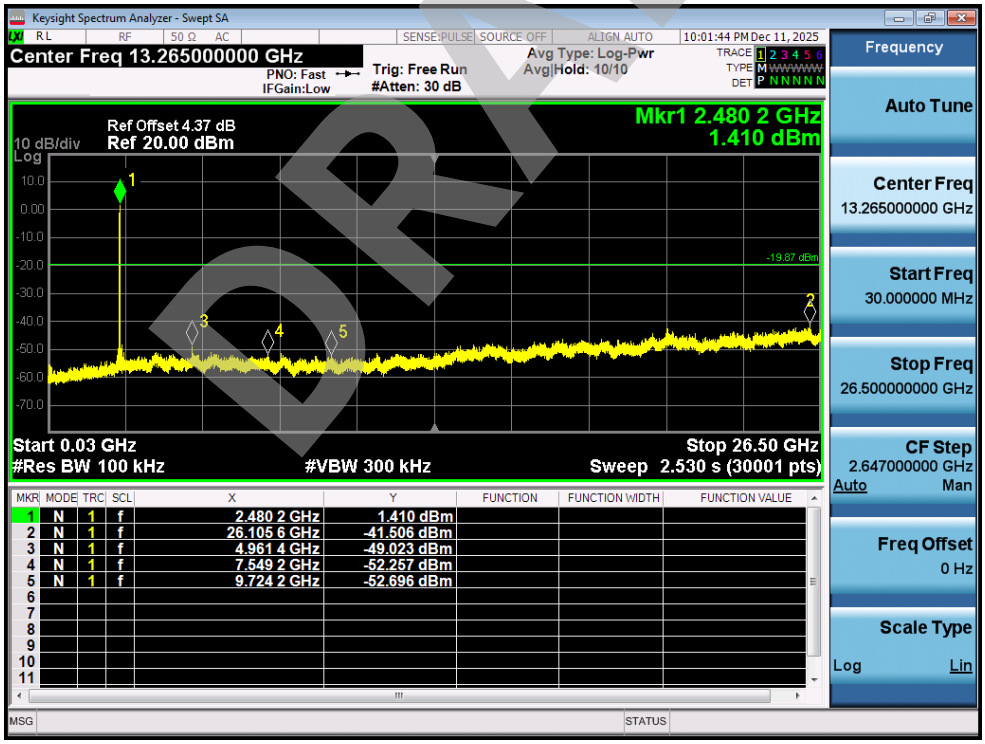
Tx. Spurious NVNT BLE 2M 2480MHz Ref

Tx. Spurious NVNT BLE 2M 2480MHz Emission



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