

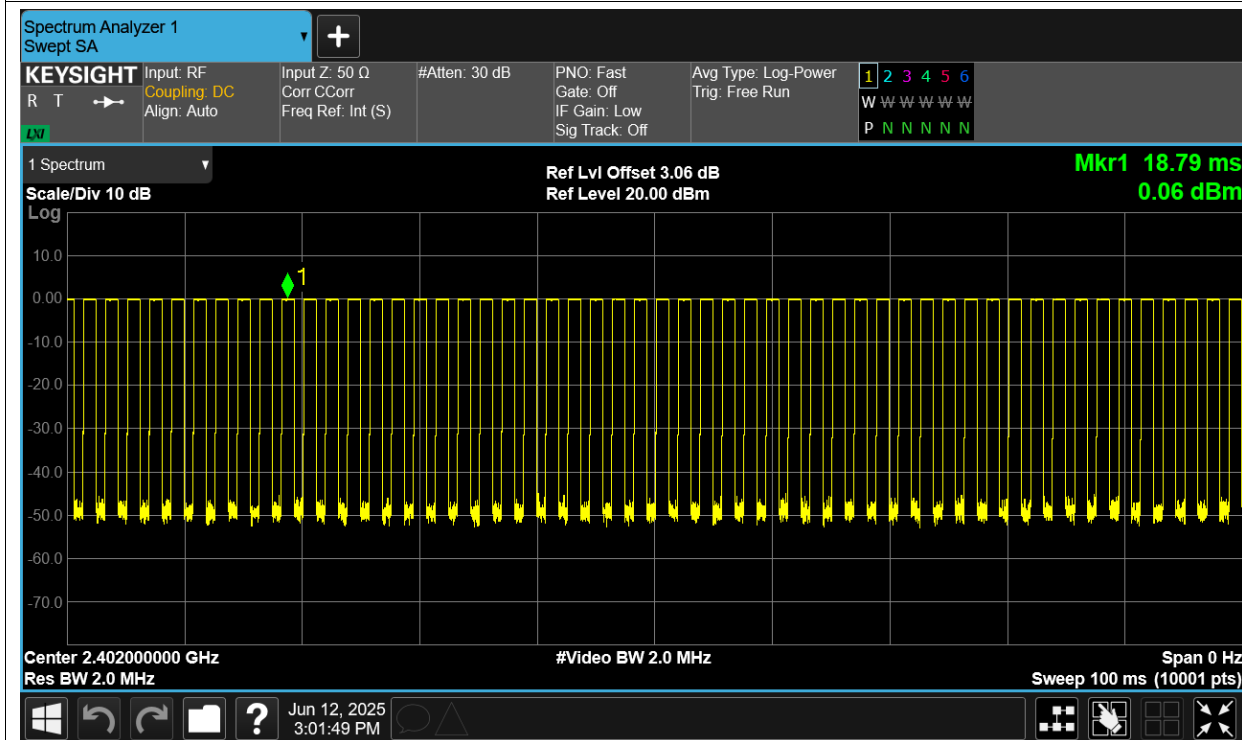
Test Data

Duty Cycle

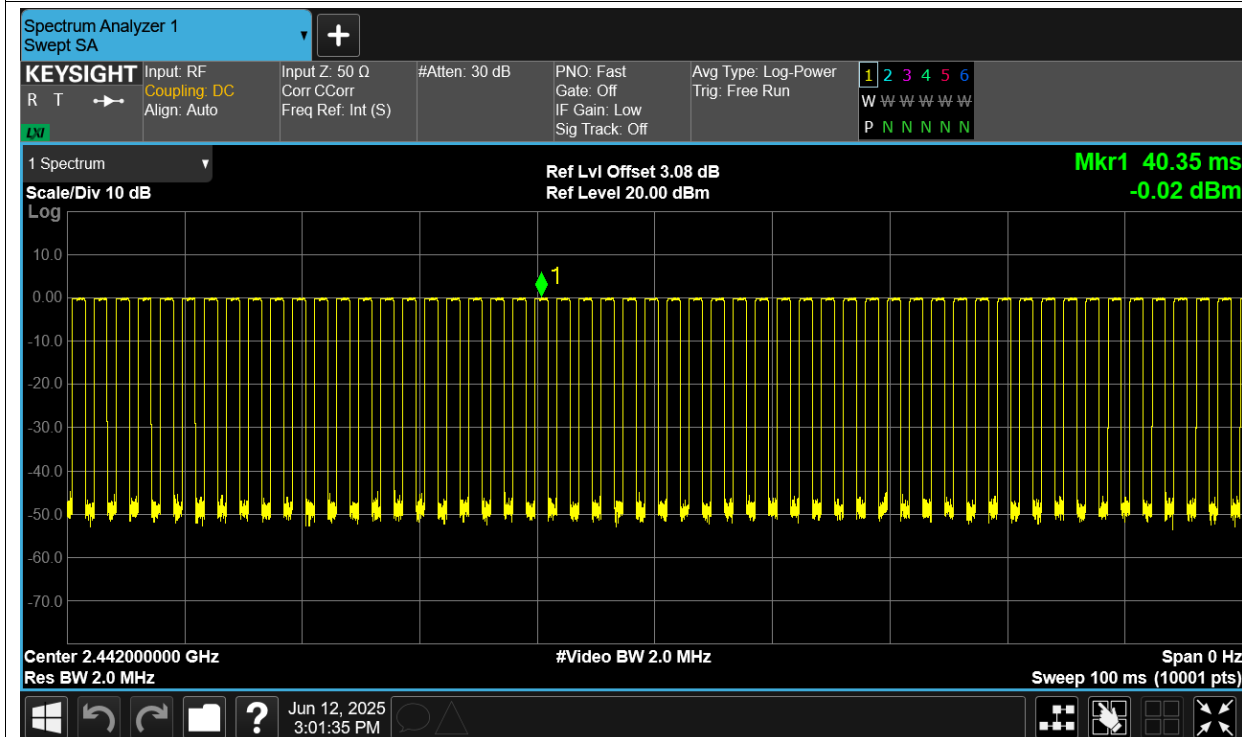
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	Ant1	60.2	2.2
NVNT	BLE	2442	Ant1	59.85	2.23
NVNT	BLE	2480	Ant1	59.62	2.25

Test Graphs

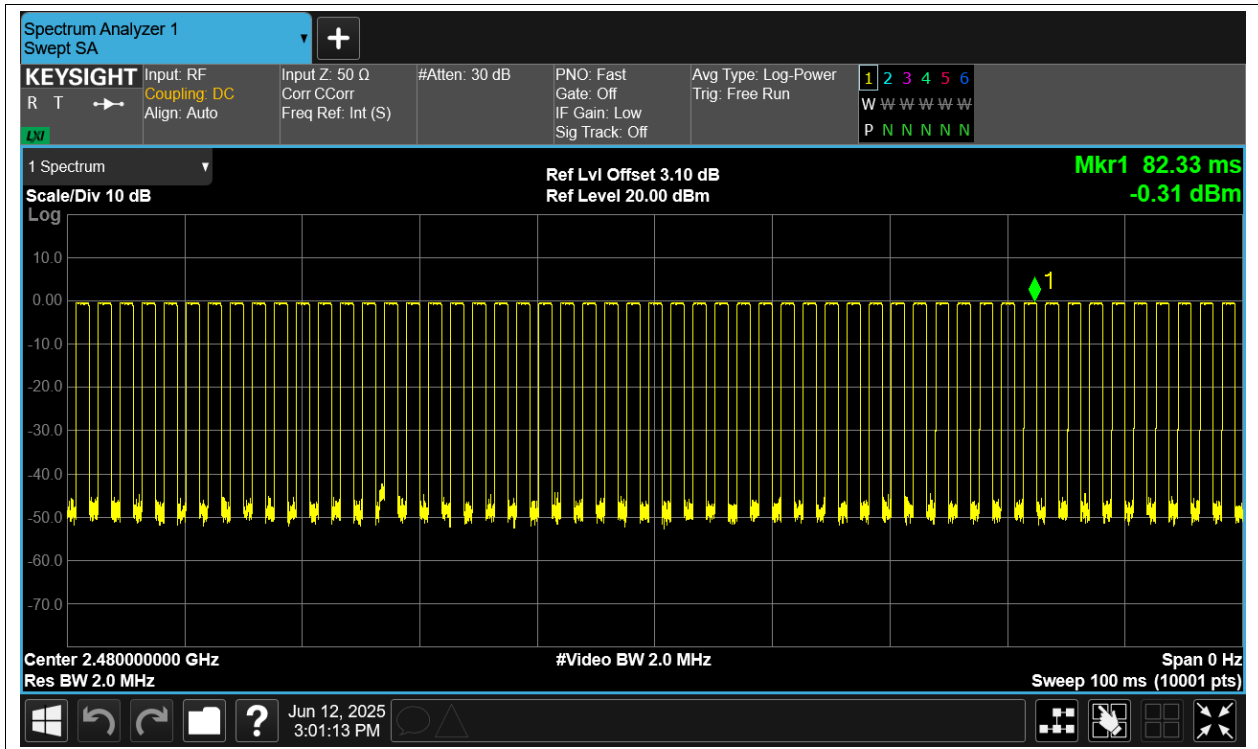
Duty Cycle NVNT BLE 2402MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2480MHz Ant1

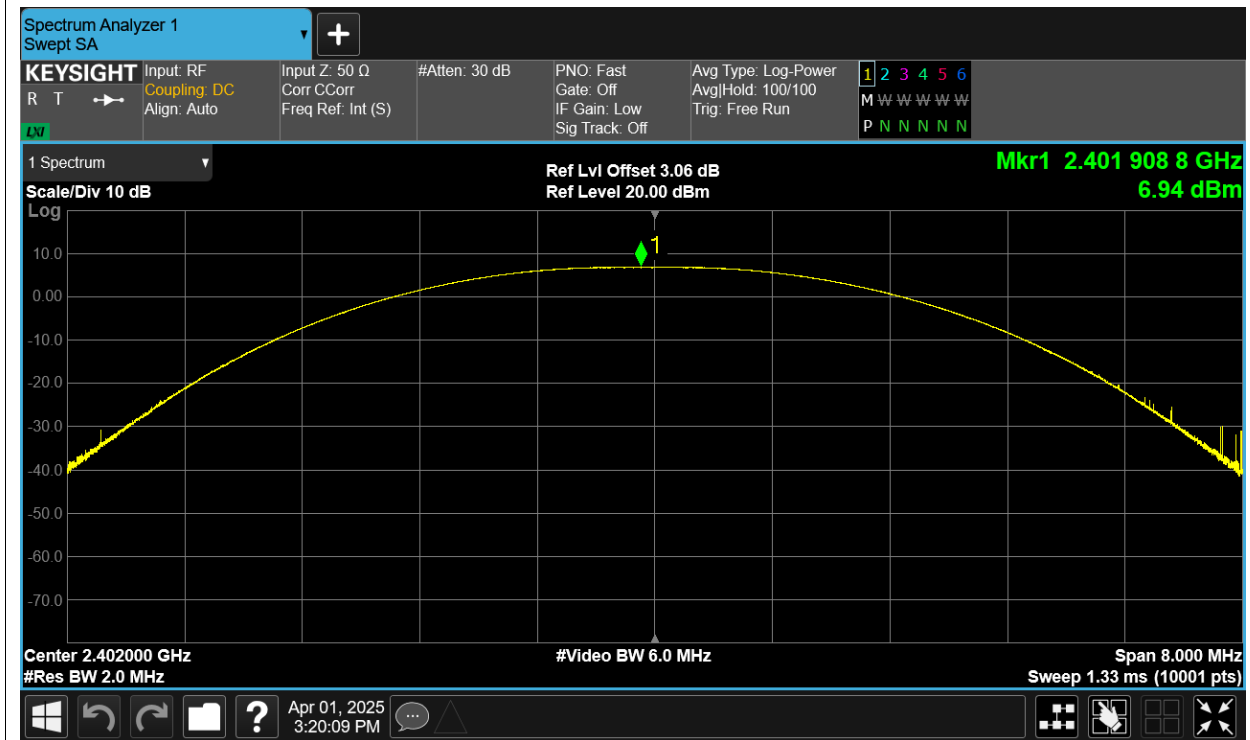


Maximum Conducted Output Power

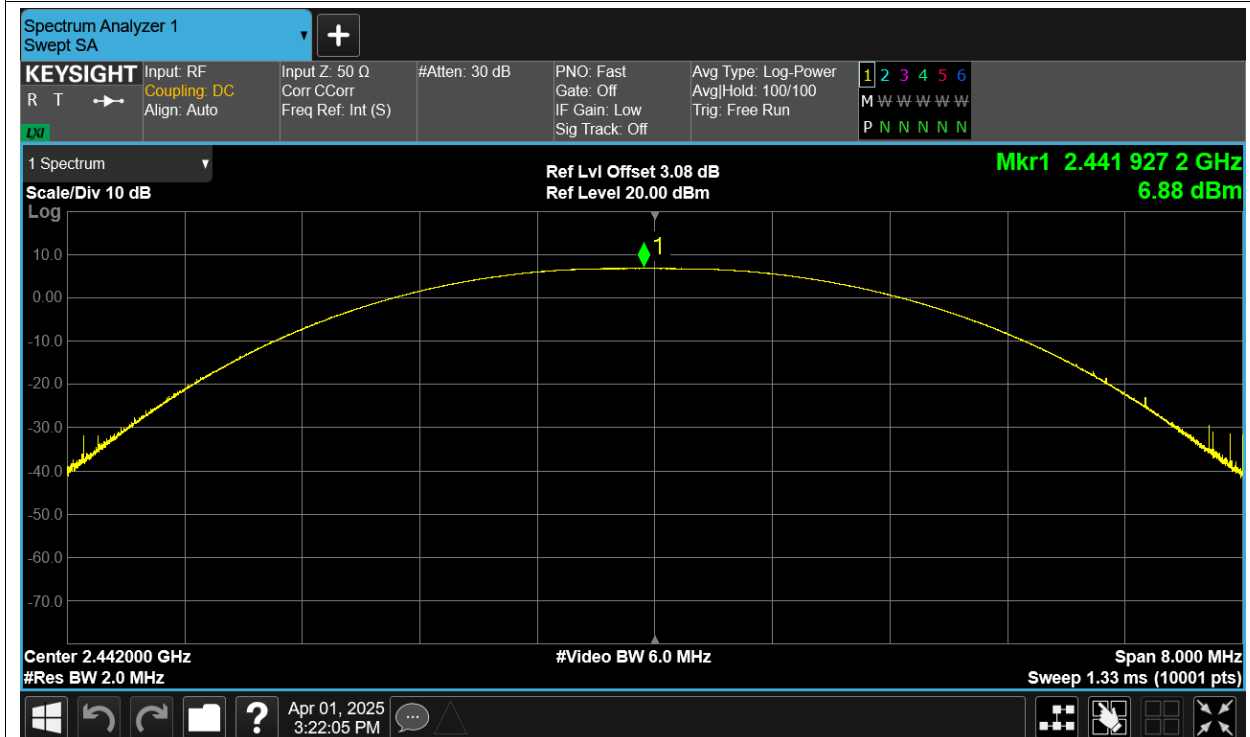
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	6.942	30	Pass
NVNT	BLE	2442	Ant1	6.881	30	Pass
NVNT	BLE	2480	Ant1	6.859	30	Pass

Test Graphs

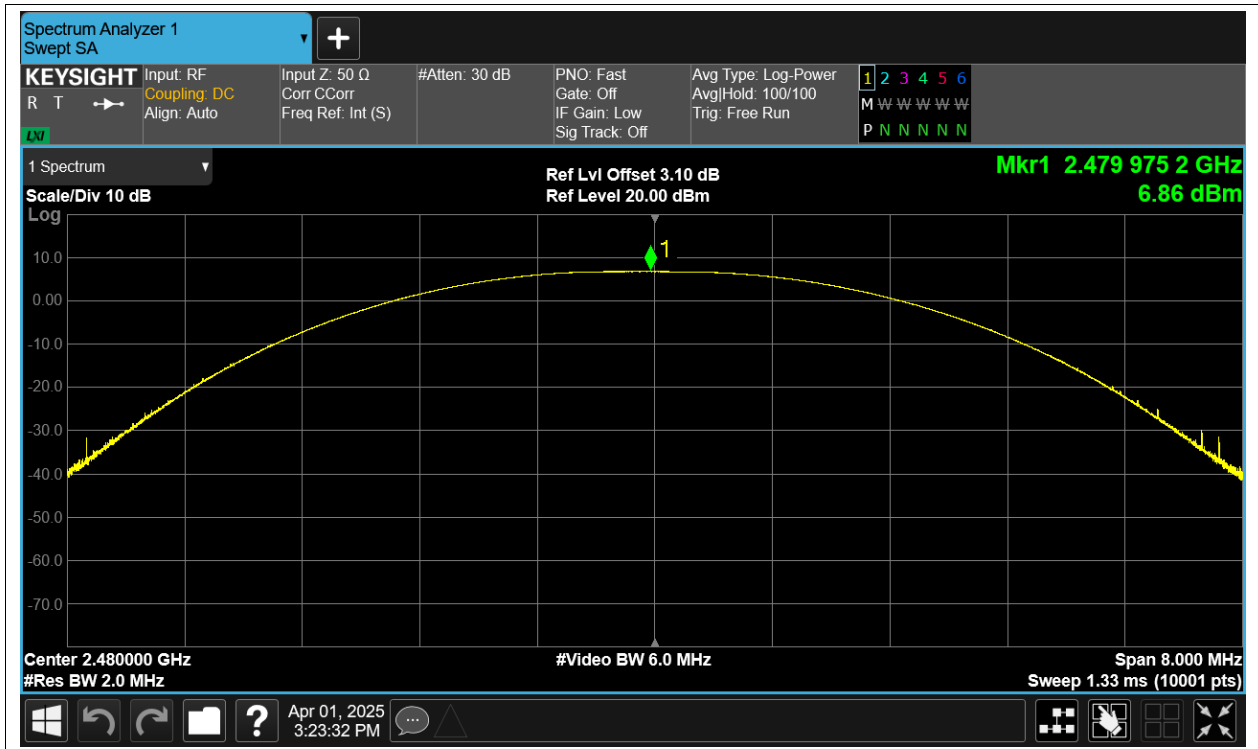
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2480MHz Ant1

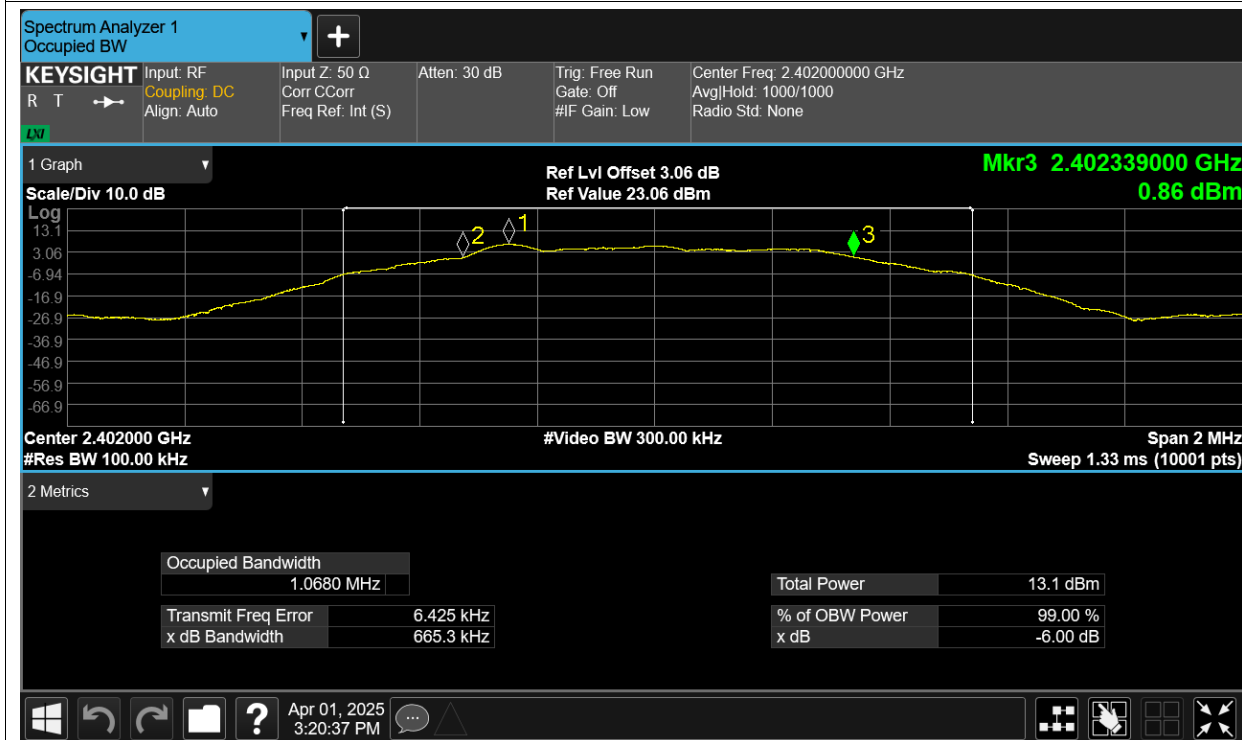


-6dB Bandwidth

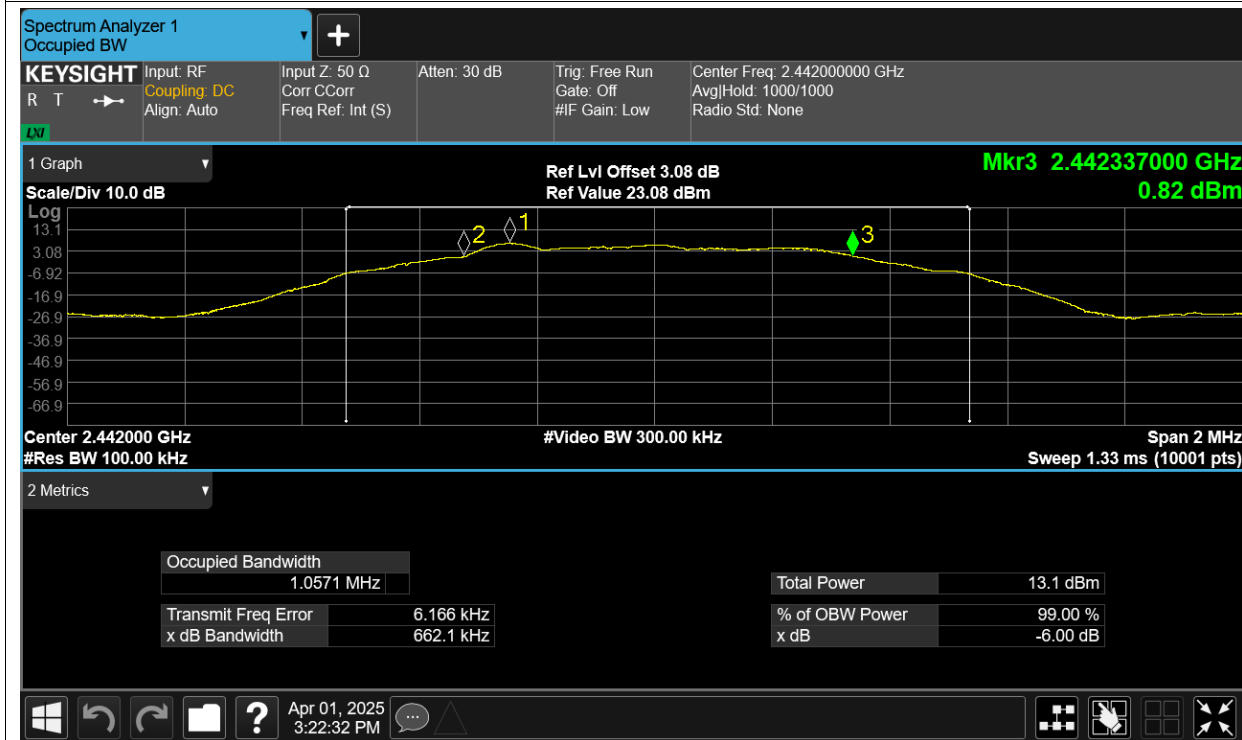
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit(MHz)	Verdic
NVNT	BLE	2402	Ant1	0.665	0.5	Pass
NVNT	BLE	2442	Ant1	0.662	0.5	Pass
NVNT	BLE	2480	Ant1	0.665	0.5	Pass

Test Graphs

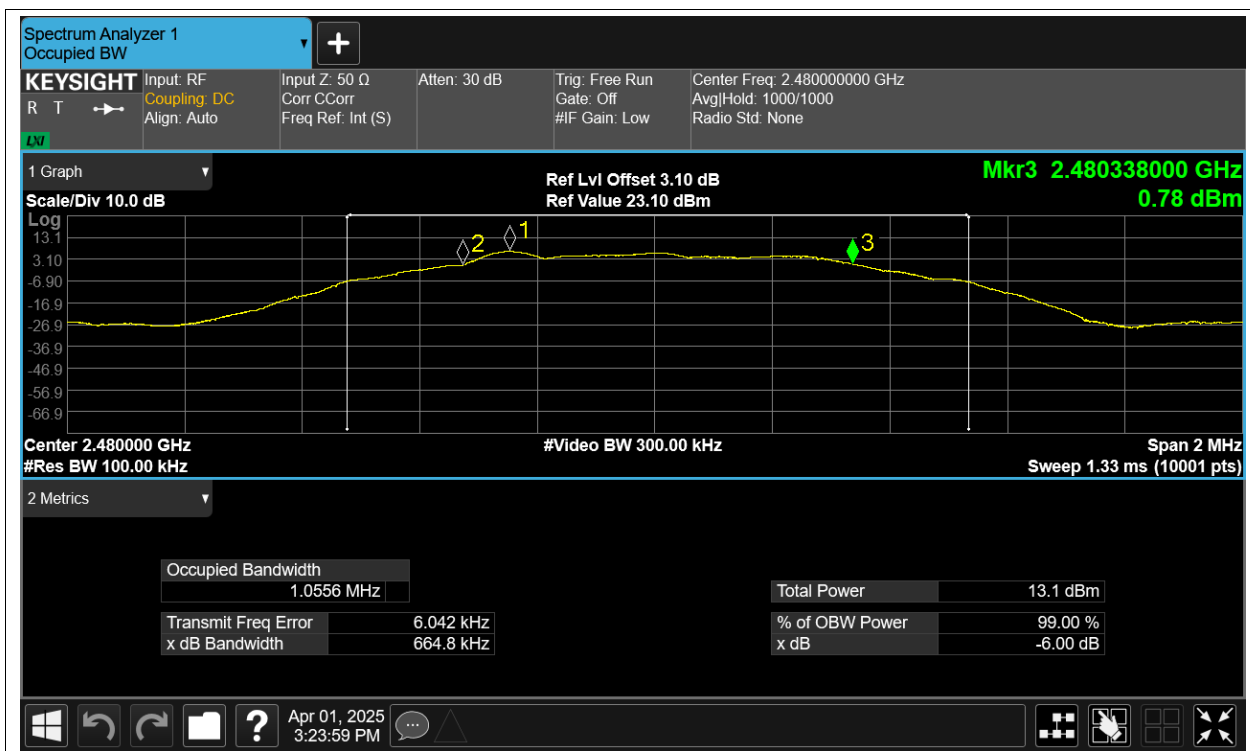
-6dB Bandwidth NVNT BLE 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1

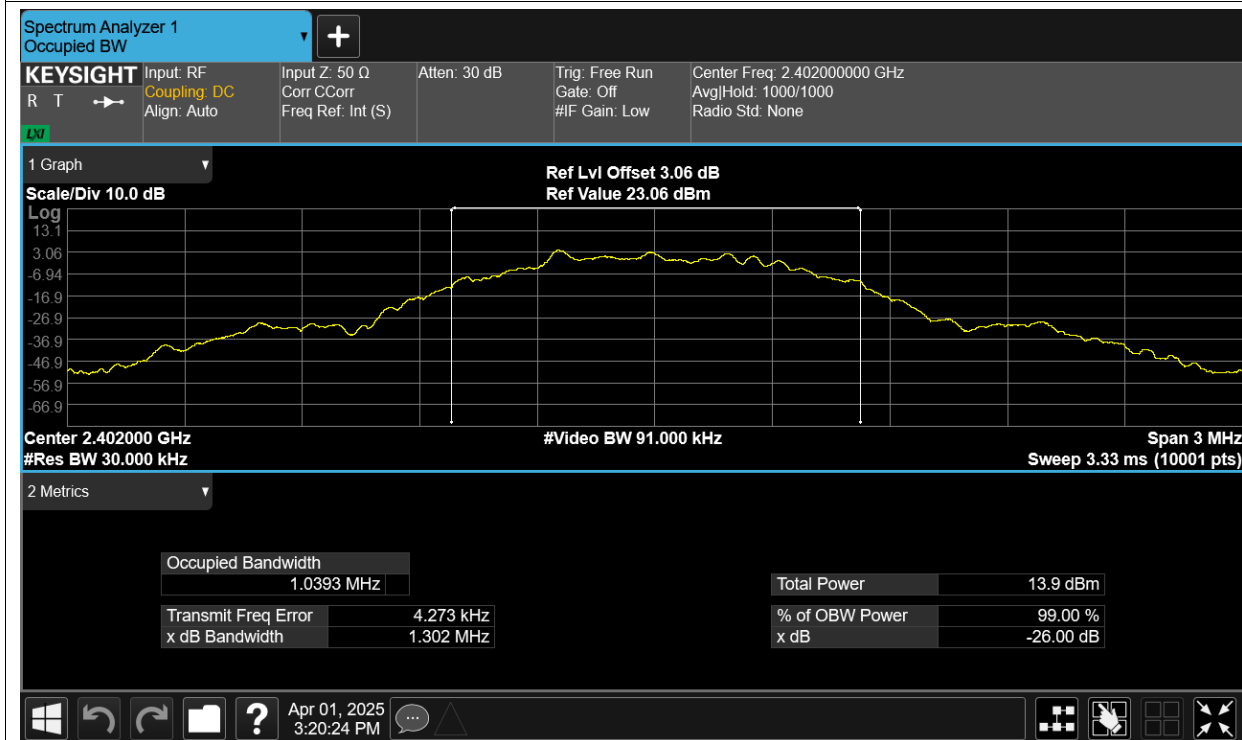


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.039
NVNT	BLE	2442	Ant1	1.029
NVNT	BLE	2480	Ant1	1.028

Test Graphs

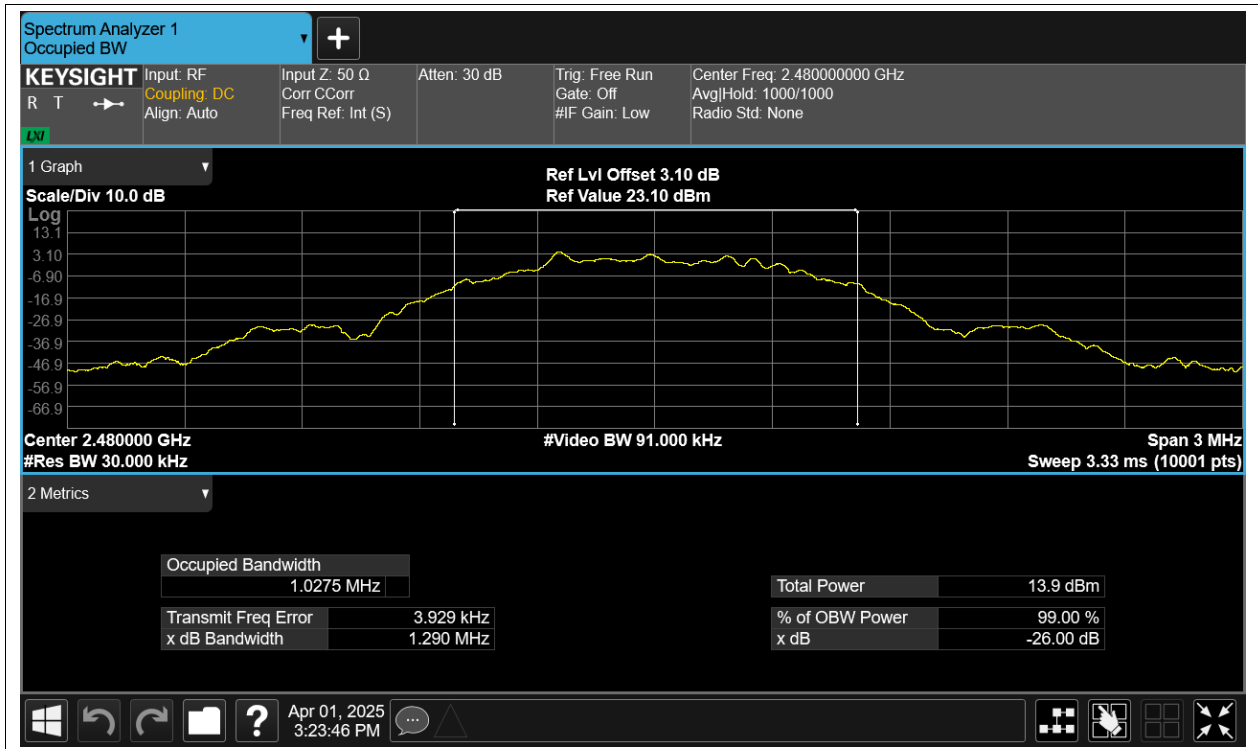
OBW NVNT BLE 2402MHz Ant1



OBW NVNT BLE 2442MHz Ant1



OBW NVNT BLE 2480MHz Ant1

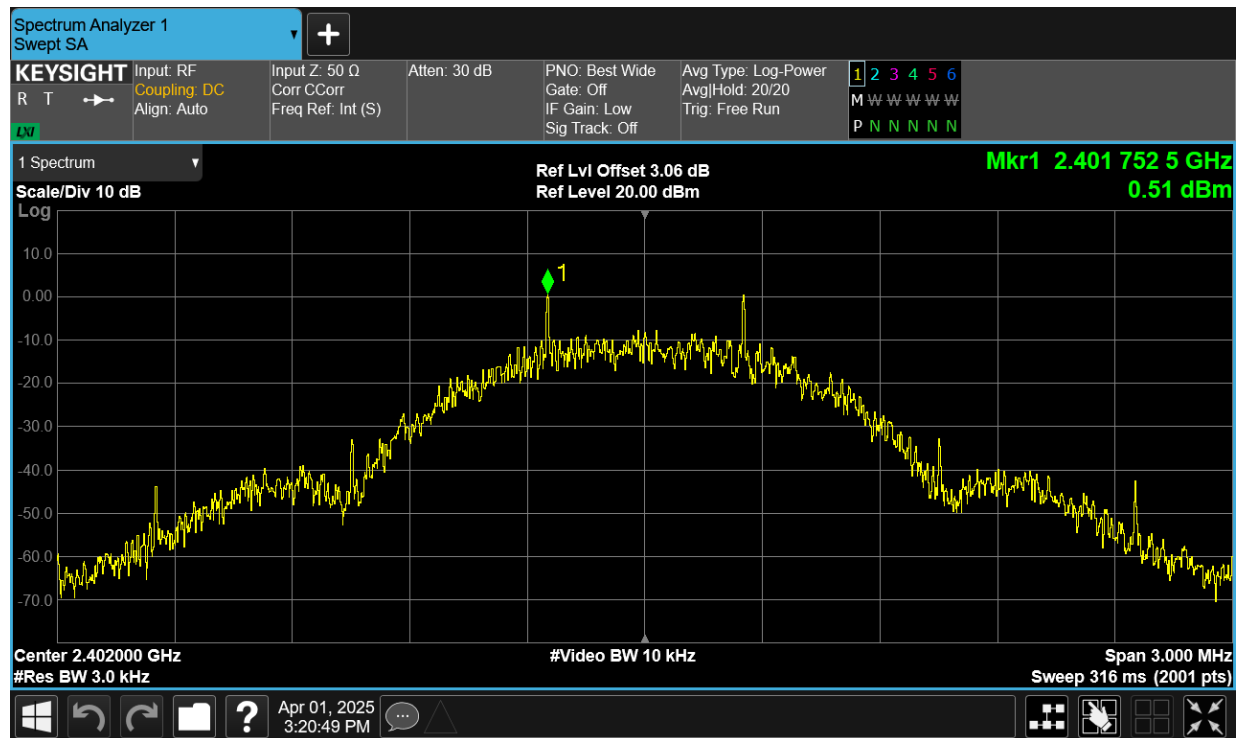


Maximum Power Spectral Density Level

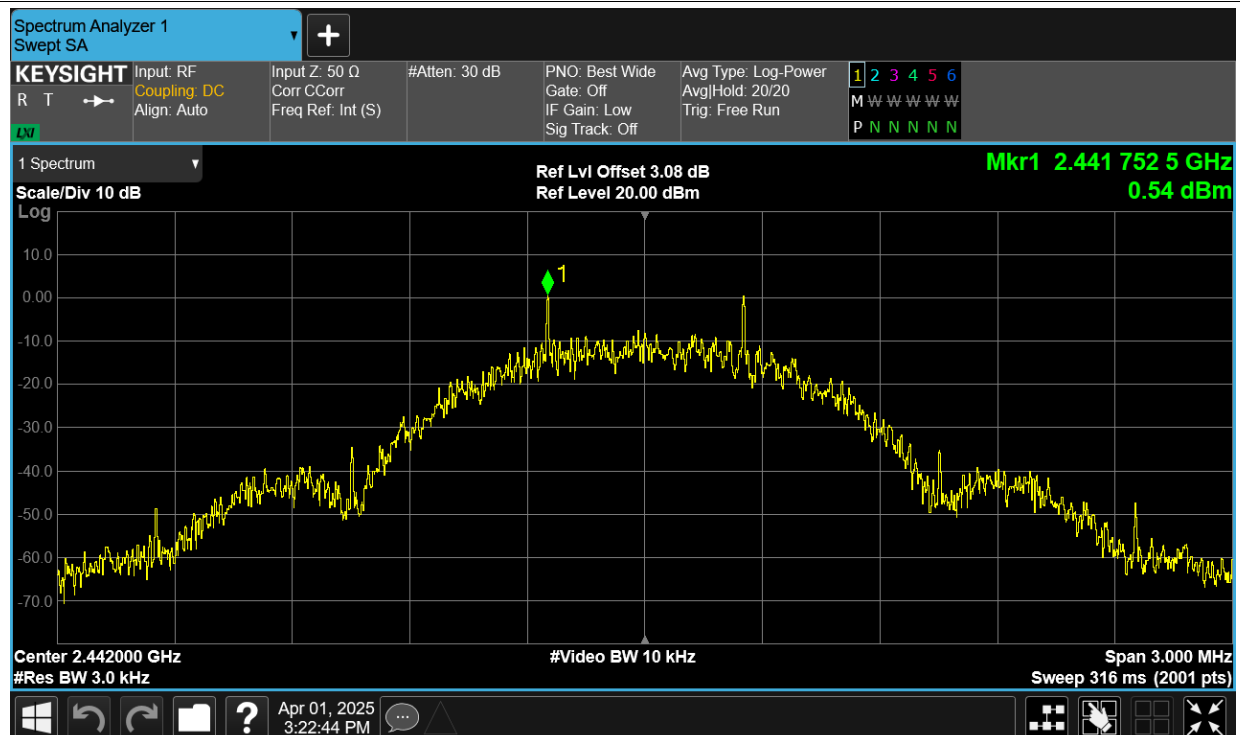
Condition	Mode	Frequency (MHz)	Antenna	Max PSD(dBm/3KHz)	Limit (dBm/3KHz)	Verdict
NVNT	BLE	2402	Ant1	0.505	8	Pass
NVNT	BLE	2442	Ant1	0.543	8	Pass
NVNT	BLE	2480	Ant1	0.381	8	Pass

Test Graphs

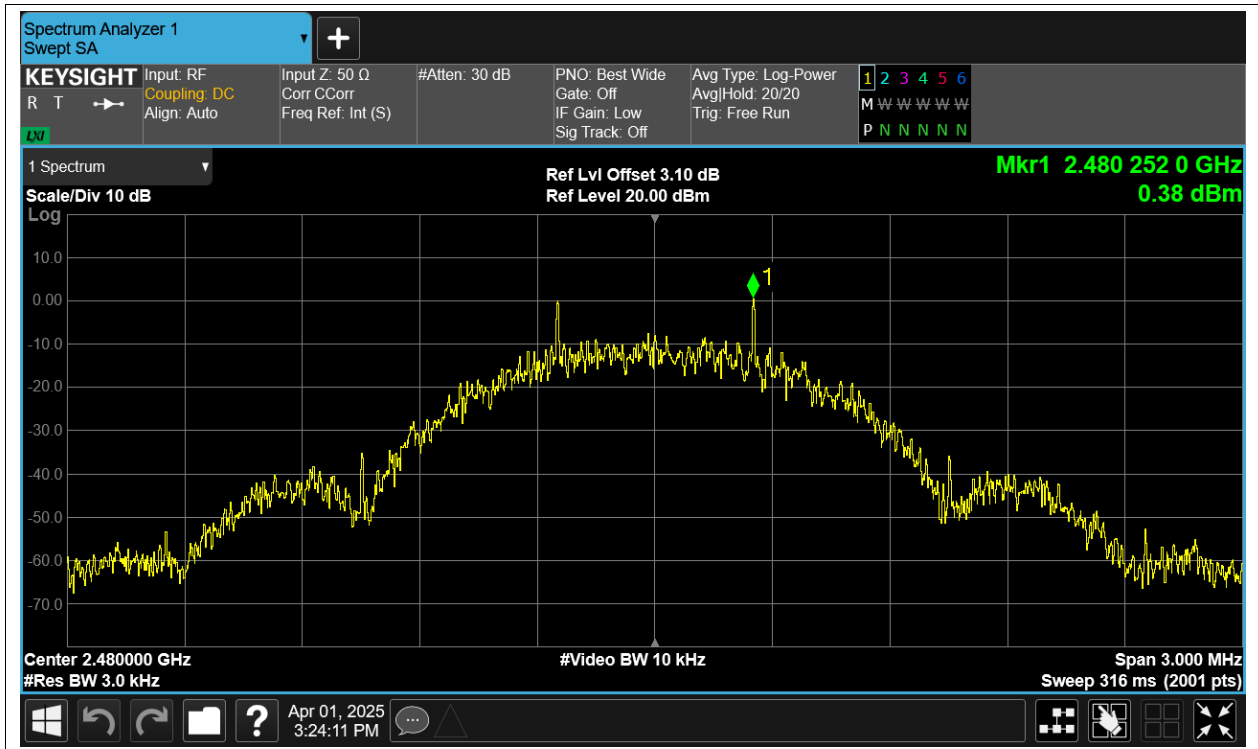
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1

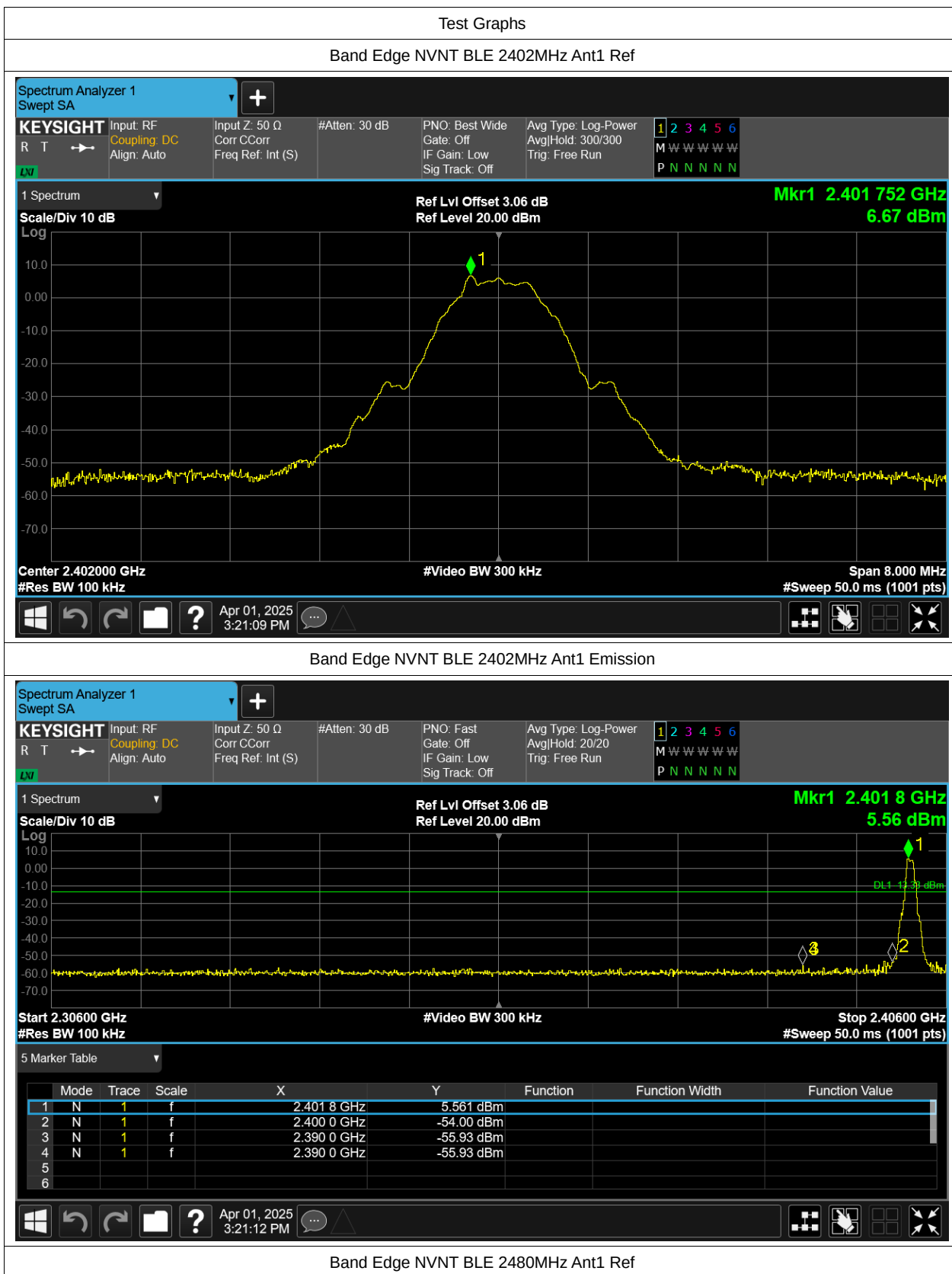


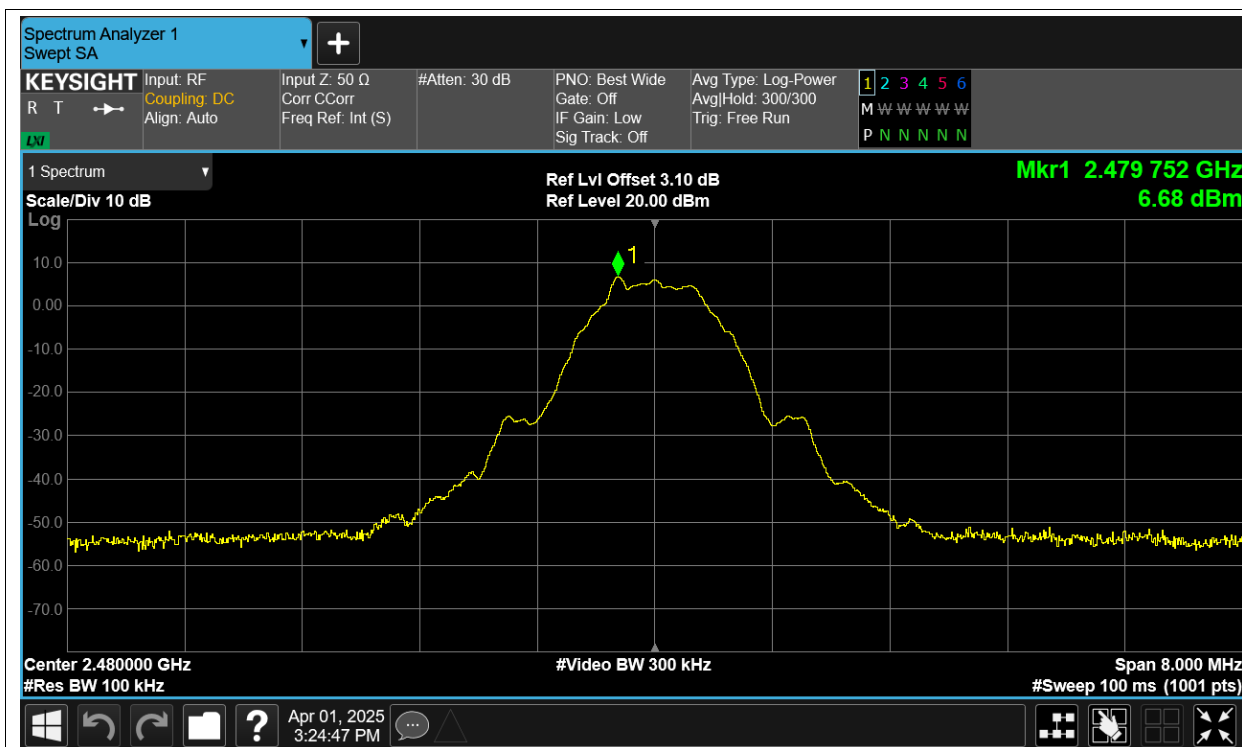
PSD NVNT BLE 2480MHz Ant1



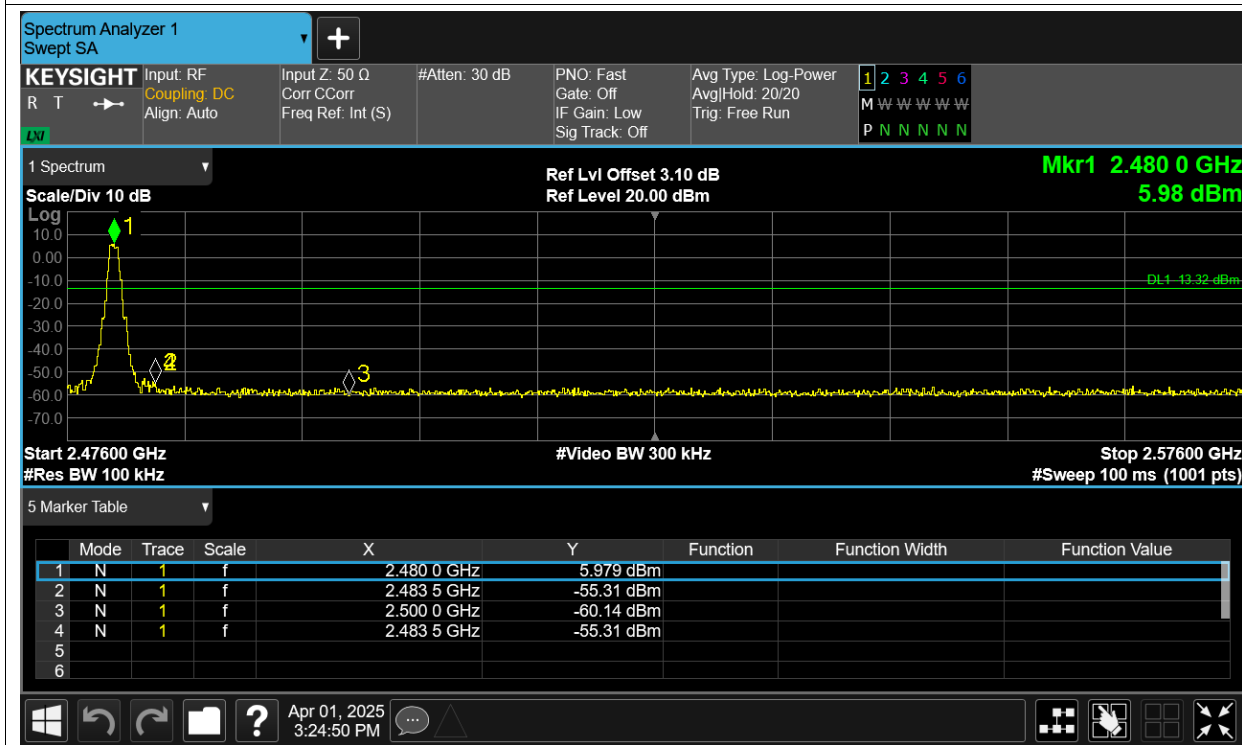
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-62.6	-20	Pass
NVNT	BLE	2480	Ant1	-61.99	-20	Pass





Band Edge NVNT BLE 2480MHz Ant1 Emission

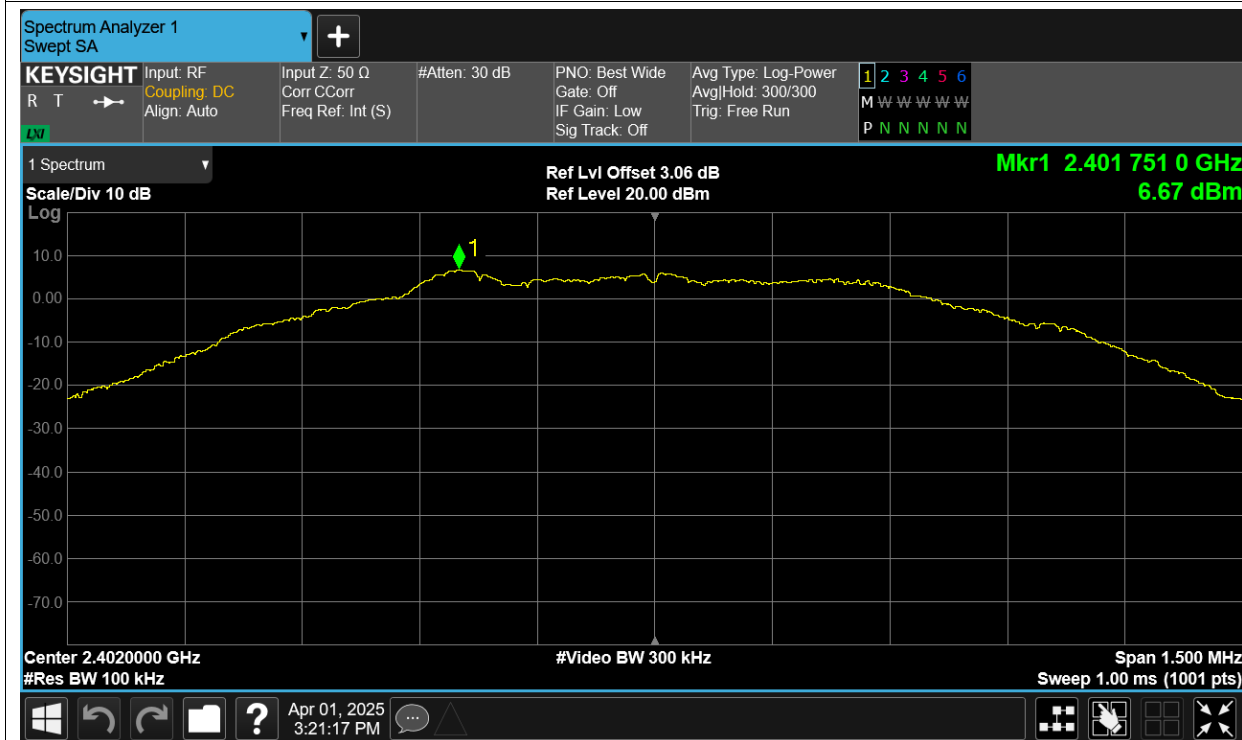


Conducted RF Spurious Emission

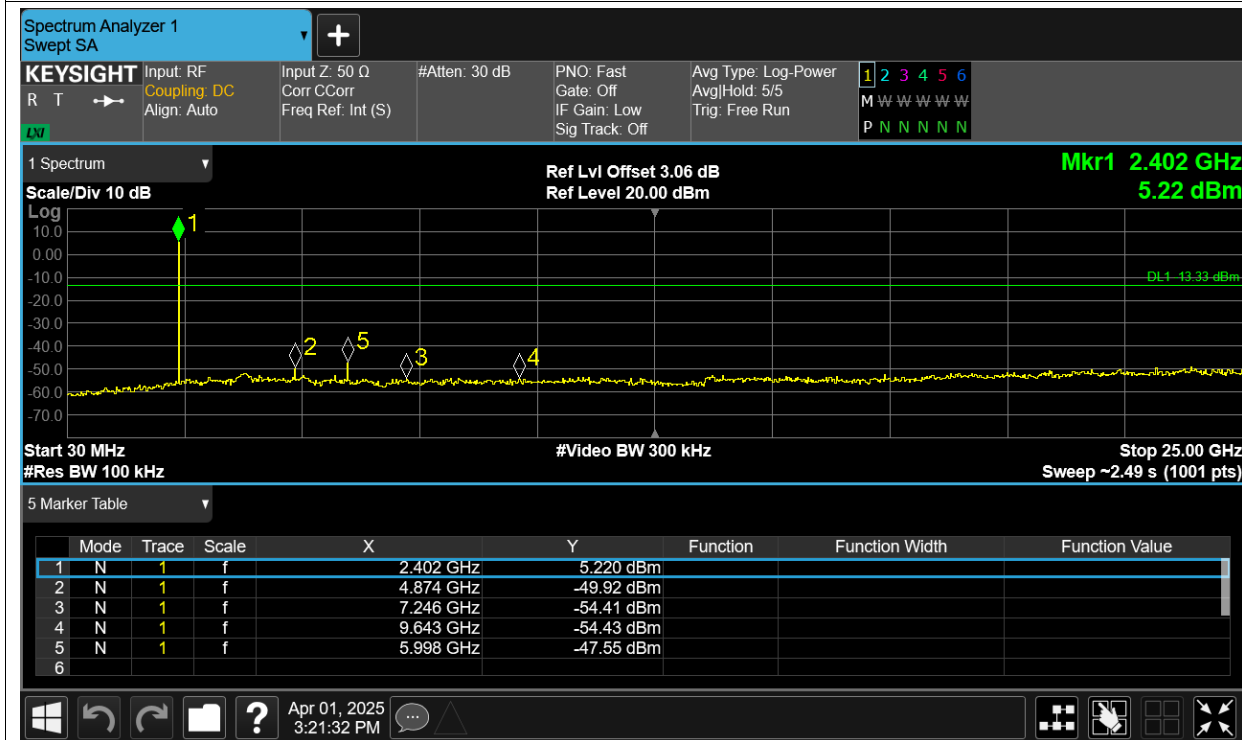
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-54.22	-20	Pass
NVNT	BLE	2442	Ant1	-53.33	-20	Pass
NVNT	BLE	2480	Ant1	-55.19	-20	Pass
Remark: 1. Rel Lvl Offset=External cable loss + Internal loss(Internal cable loss+ RF Control Unit loss+ Power Detector Box loss) 2. Internal loss: It varies with the test frequency.						

Test Graphs

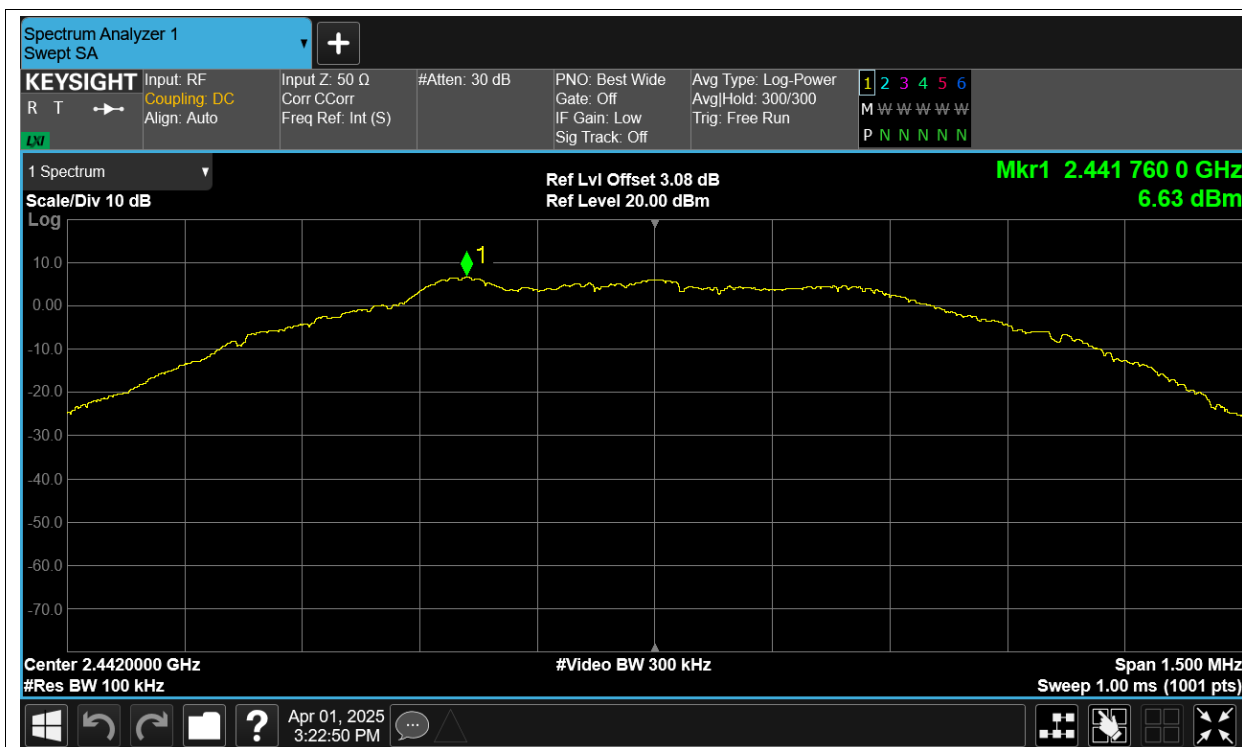
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



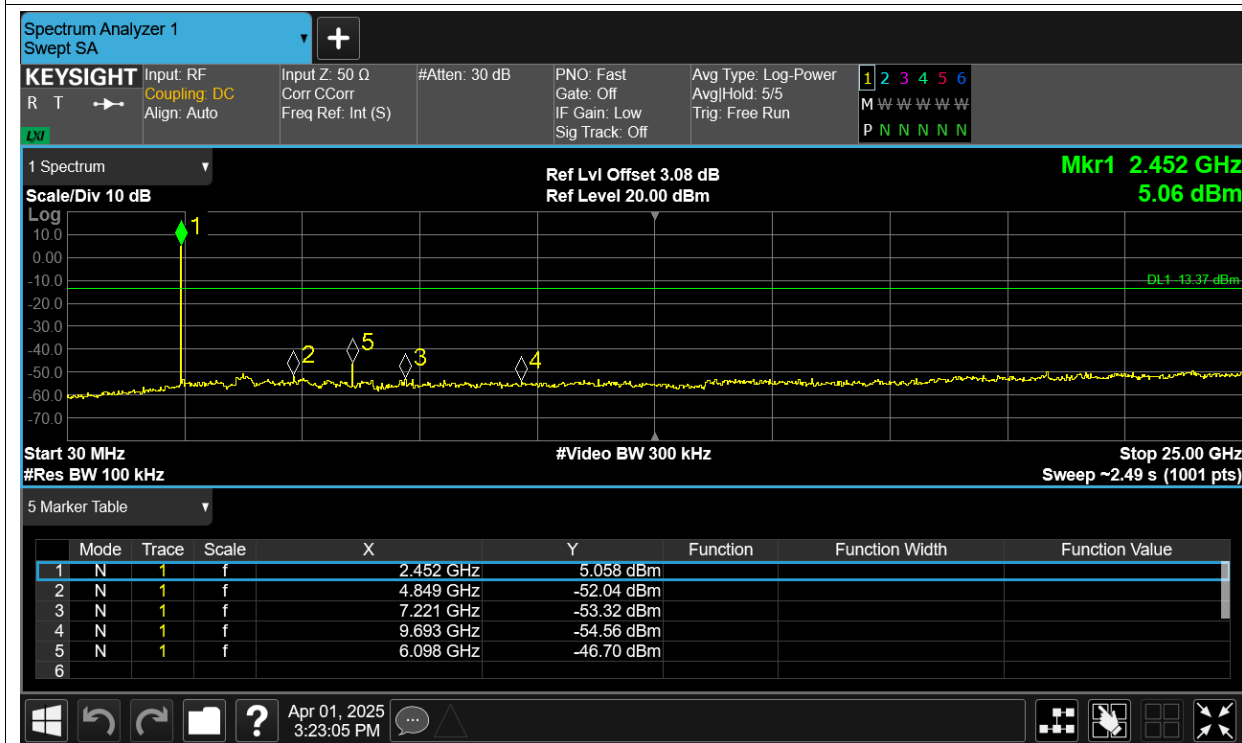
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



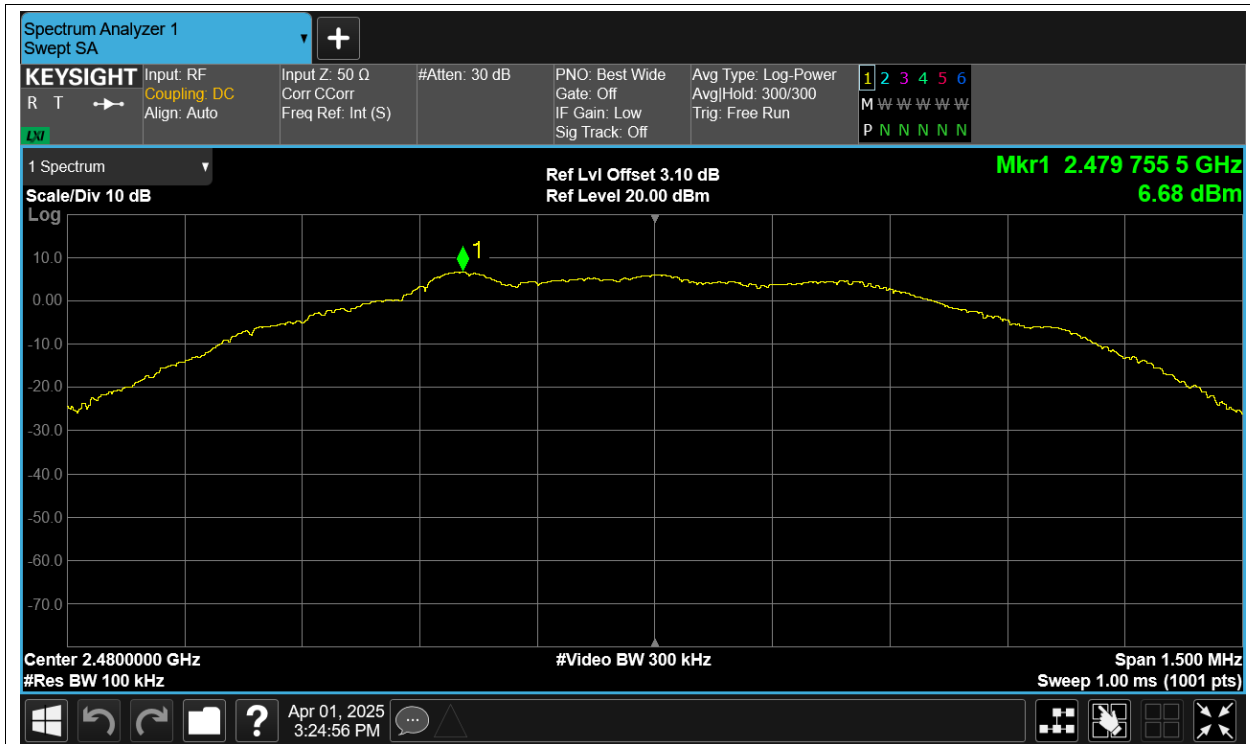
Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

