

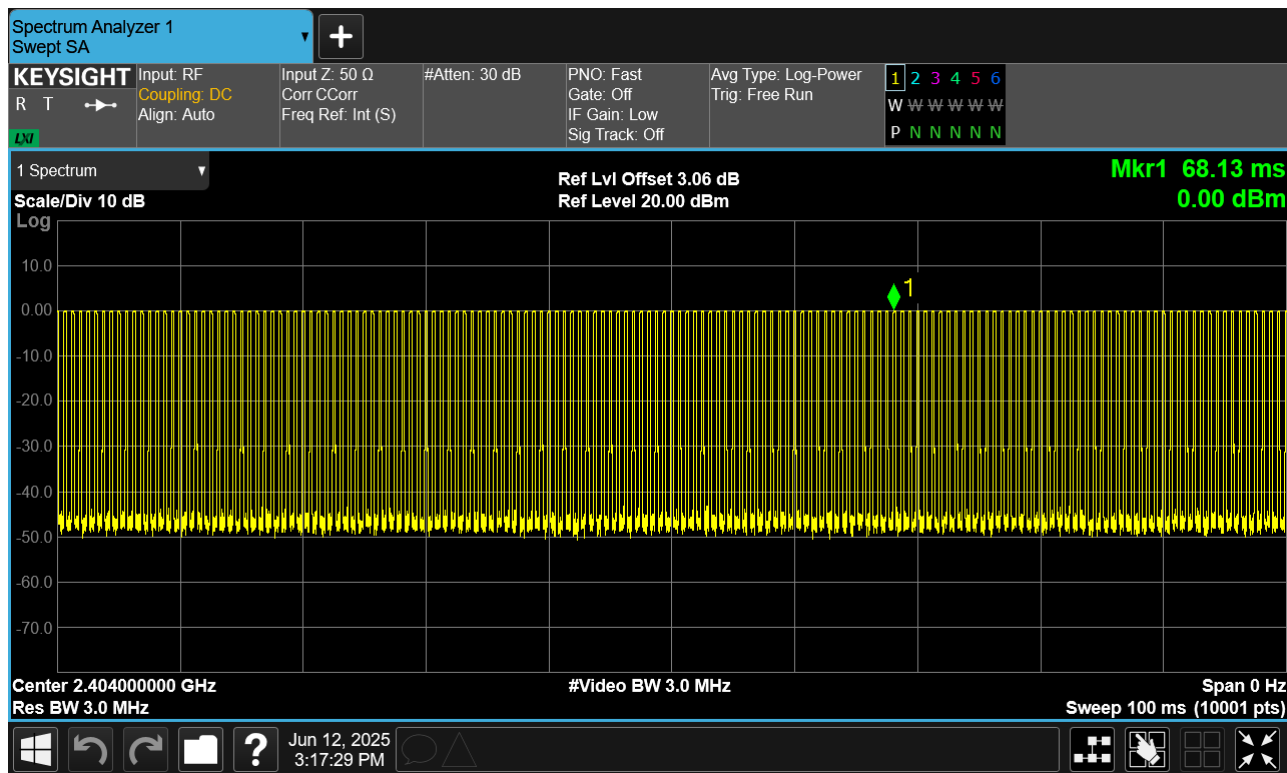
Test Data

Duty Cycle

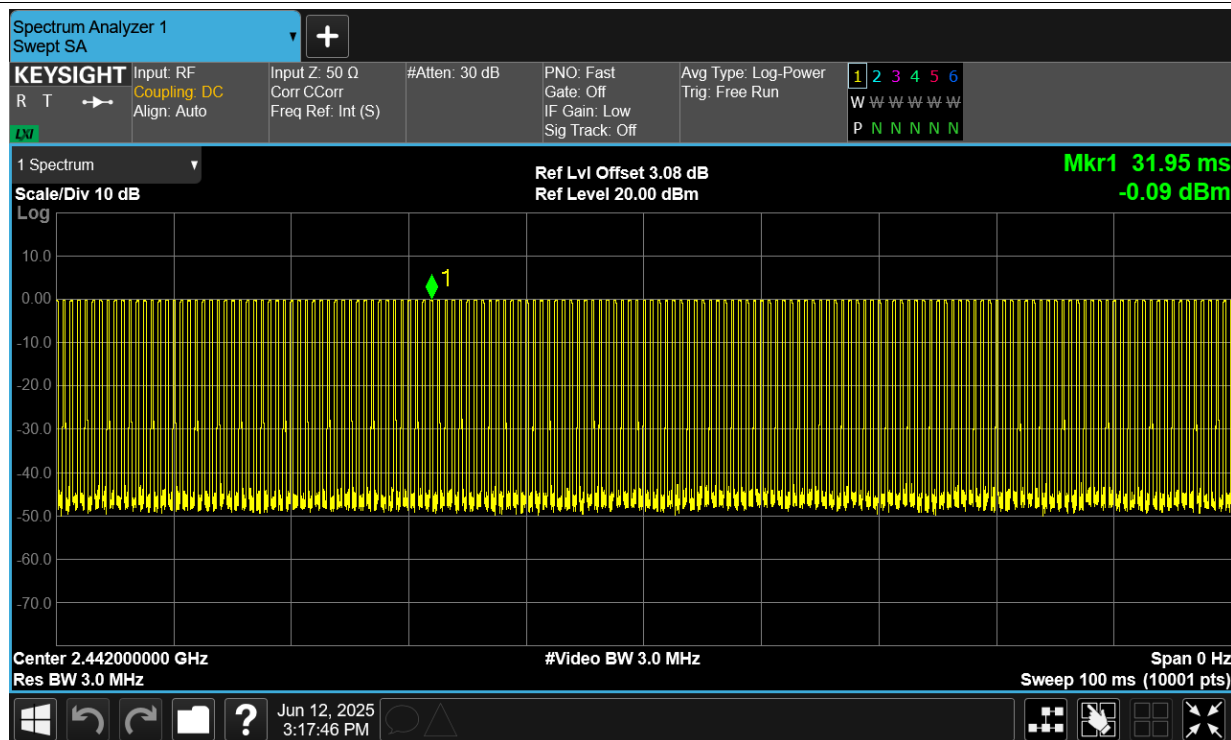
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2404	Ant1	40.81	3.89
NVNT	BLE	2442	Ant1	40.81	3.89
NVNT	BLE	2478	Ant1	40.69	3.91

Test Graphs

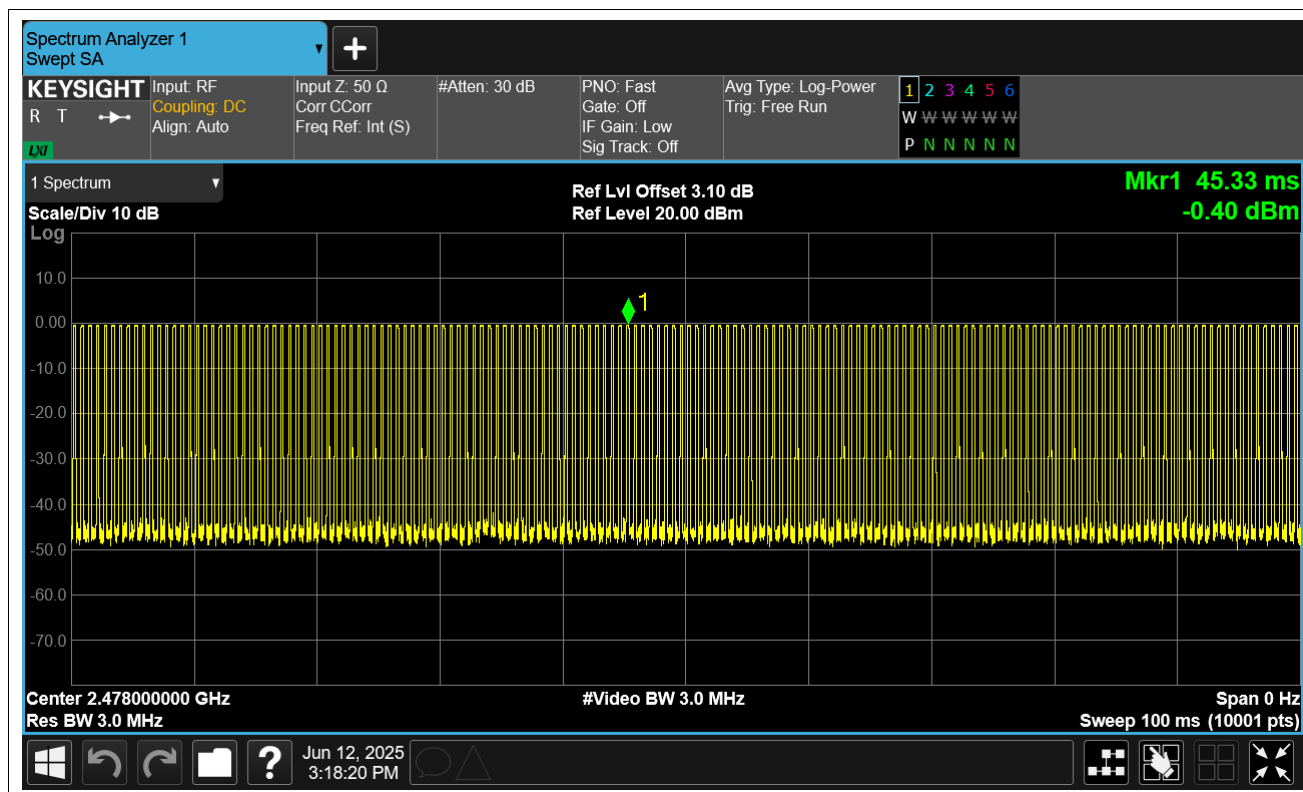
Duty Cycle NVNT BLE 2404MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2478MHz Ant1

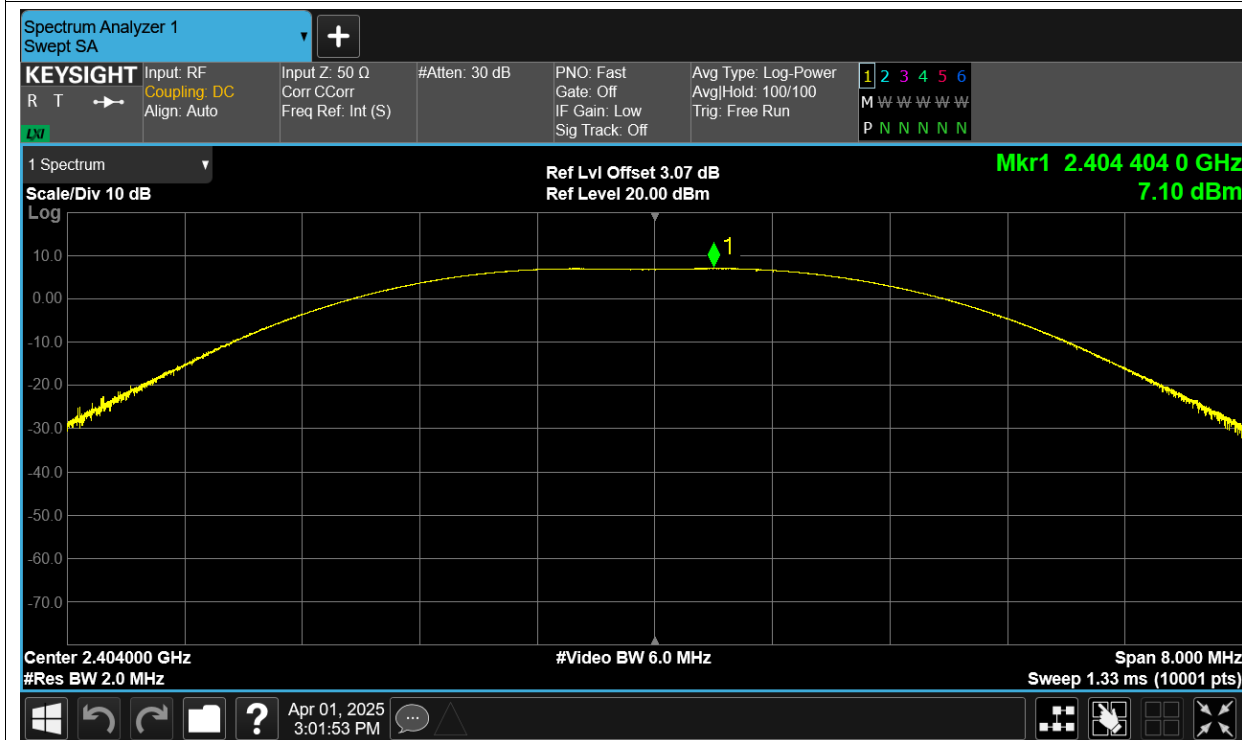


Maximum Conducted Output Power

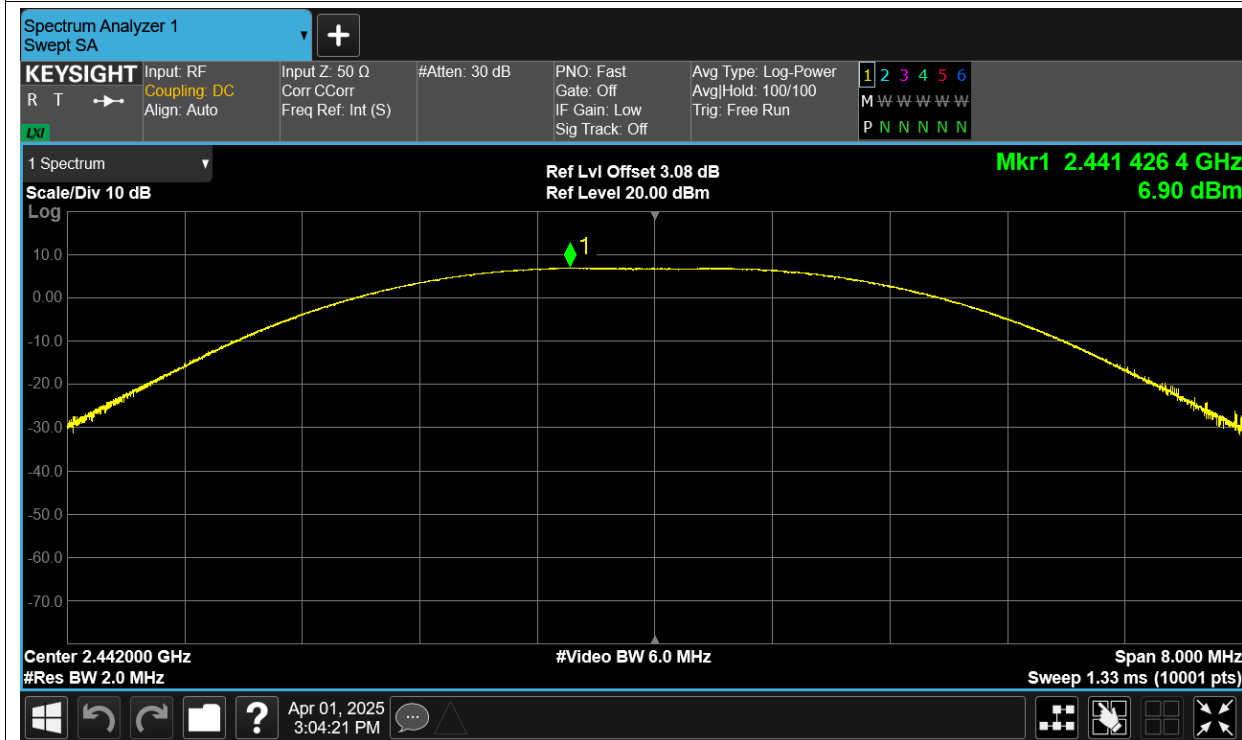
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant1	7.102	30	Pass
NVNT	BLE	2442	Ant1	6.903	30	Pass
NVNT	BLE	2478	Ant1	7.014	30	Pass

Test Graphs

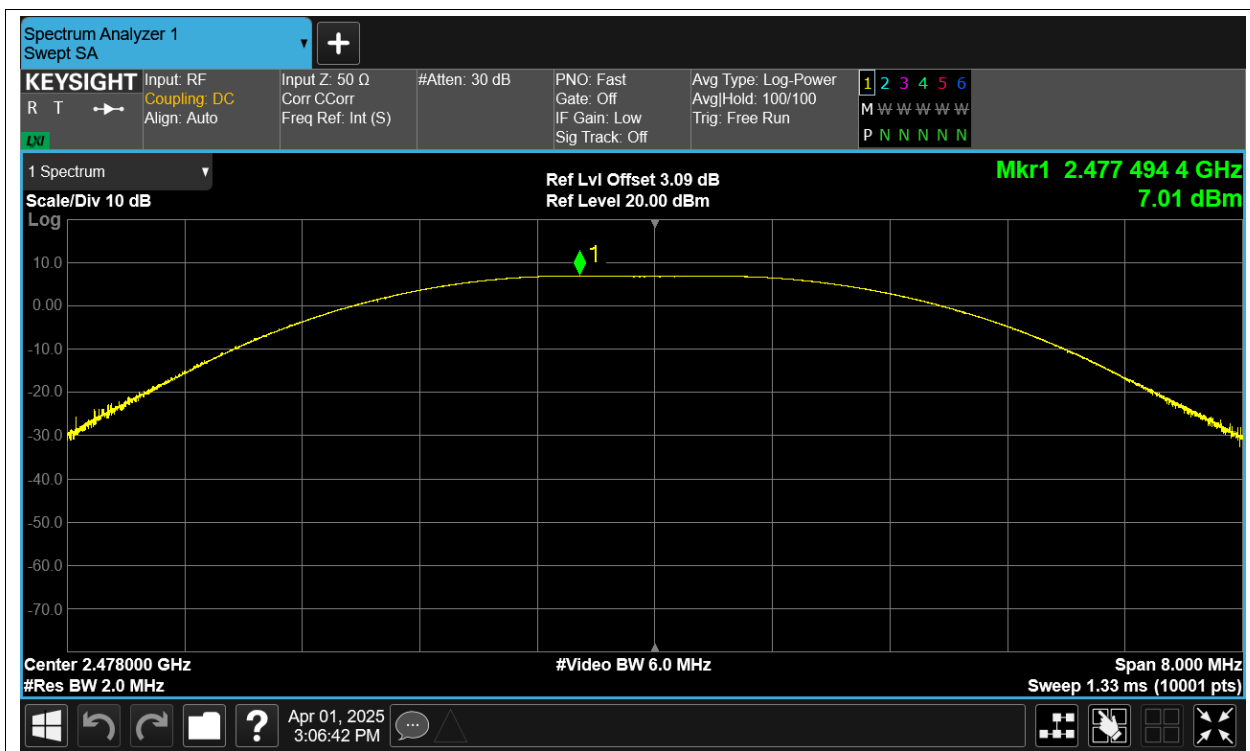
Power NVNT BLE 2404MHz Ant1



Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2478MHz Ant1

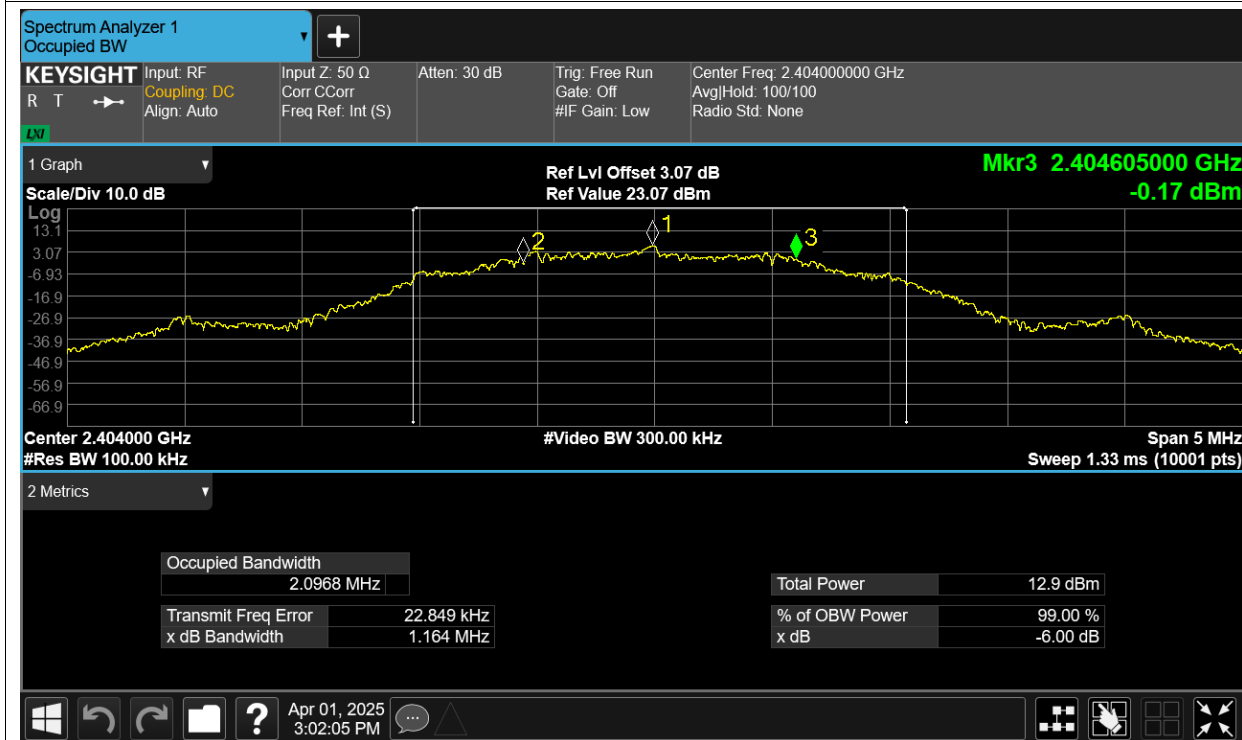


-6dB Bandwidth

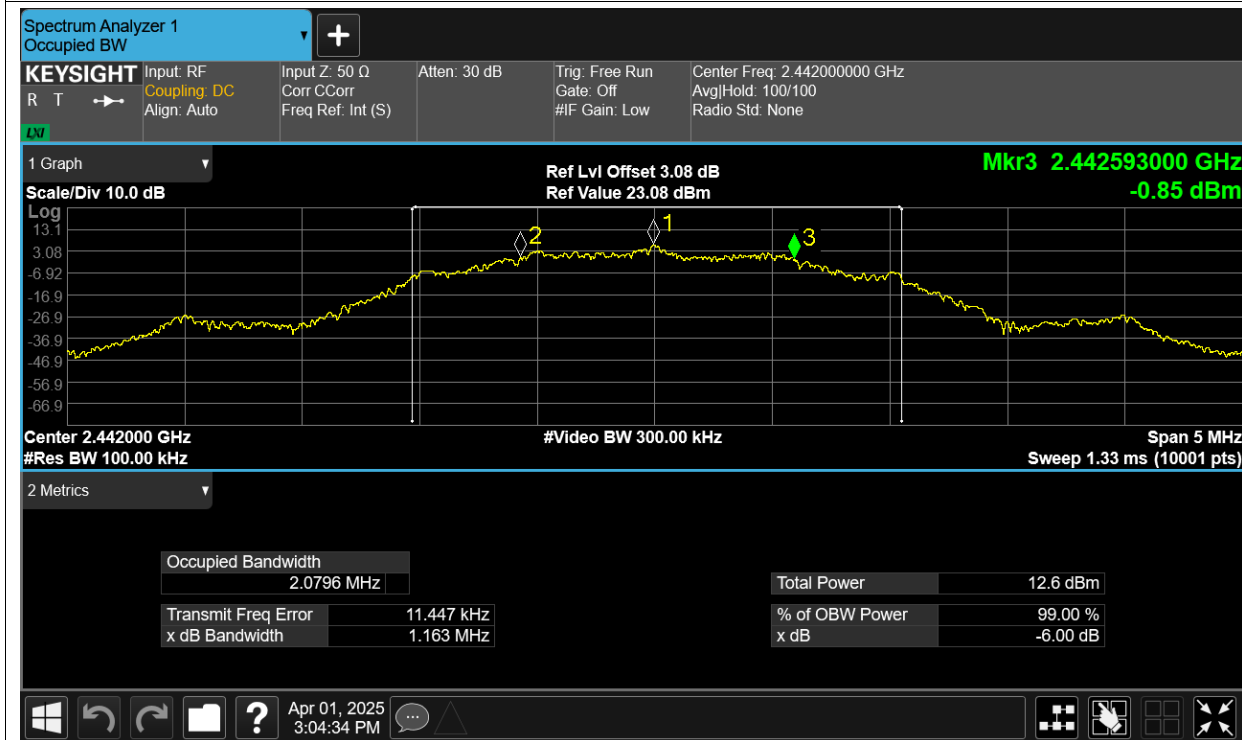
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit(MHz)	Verdic
NVNT	BLE	2404	Ant1	1.164	0.5	Pass
NVNT	BLE	2442	Ant1	1.163	0.5	Pass
NVNT	BLE	2478	Ant1	1.167	0.5	Pass

Test Graphs

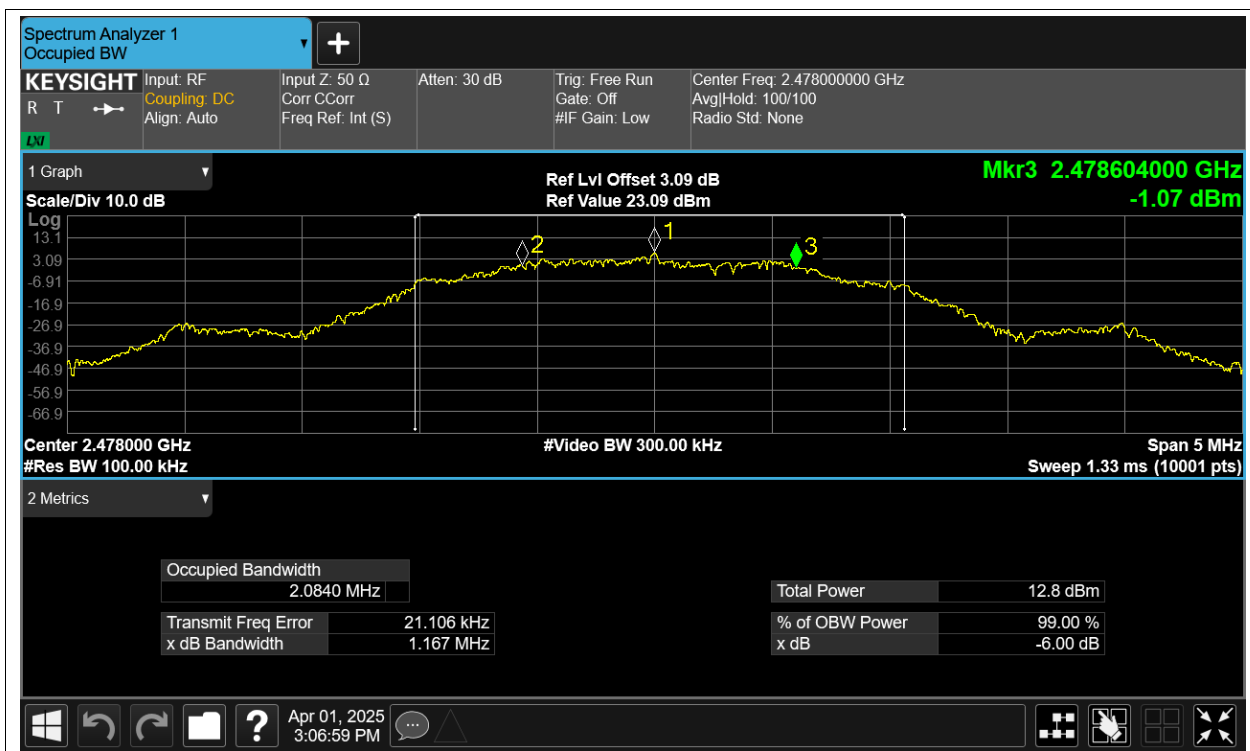
-6dB Bandwidth NVNT BLE 2404MHz Ant1



-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2478MHz Ant1

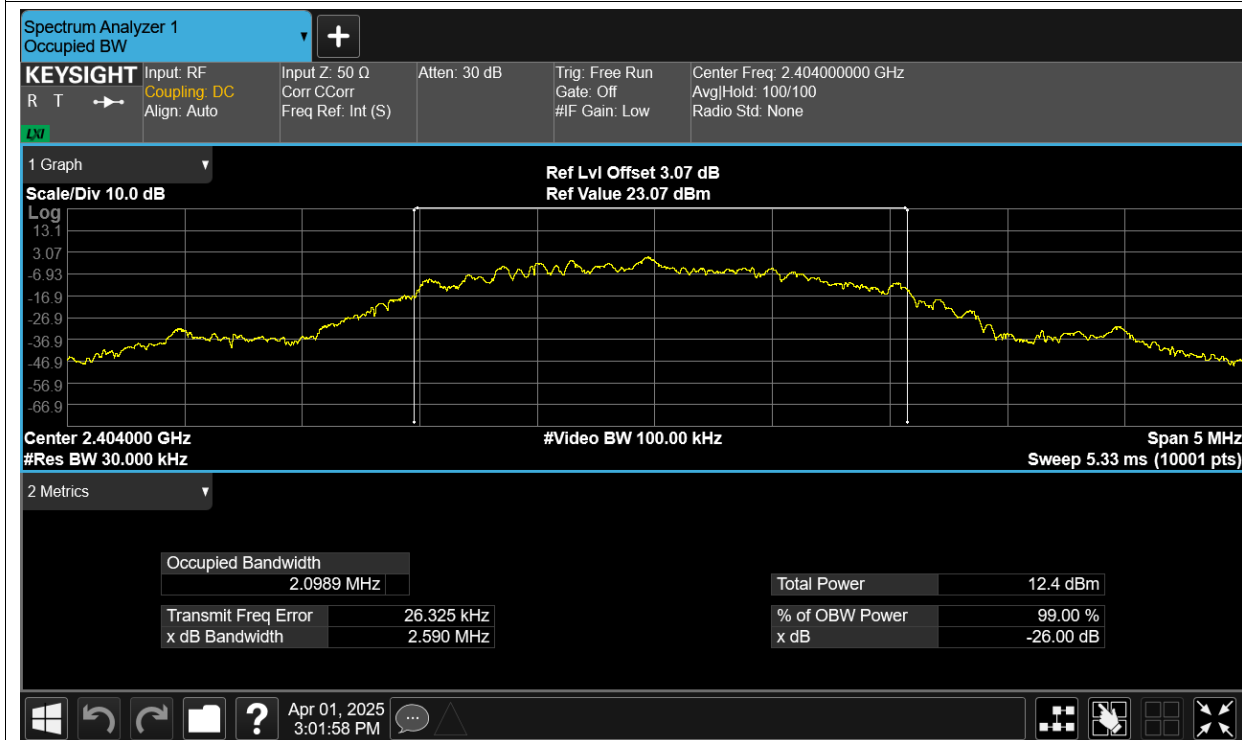


Occupied Channel Bandwidth

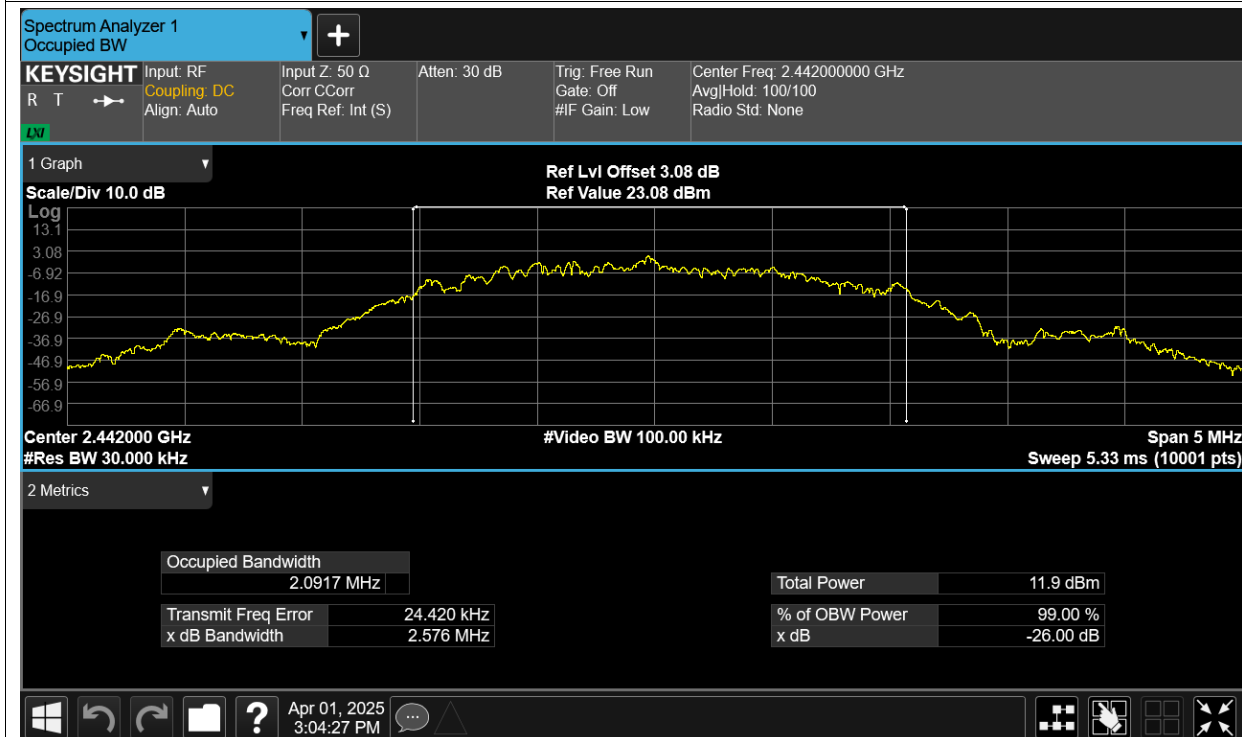
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant1	2.099
NVNT	BLE	2442	Ant1	2.092
NVNT	BLE	2478	Ant1	2.085

Test Graphs

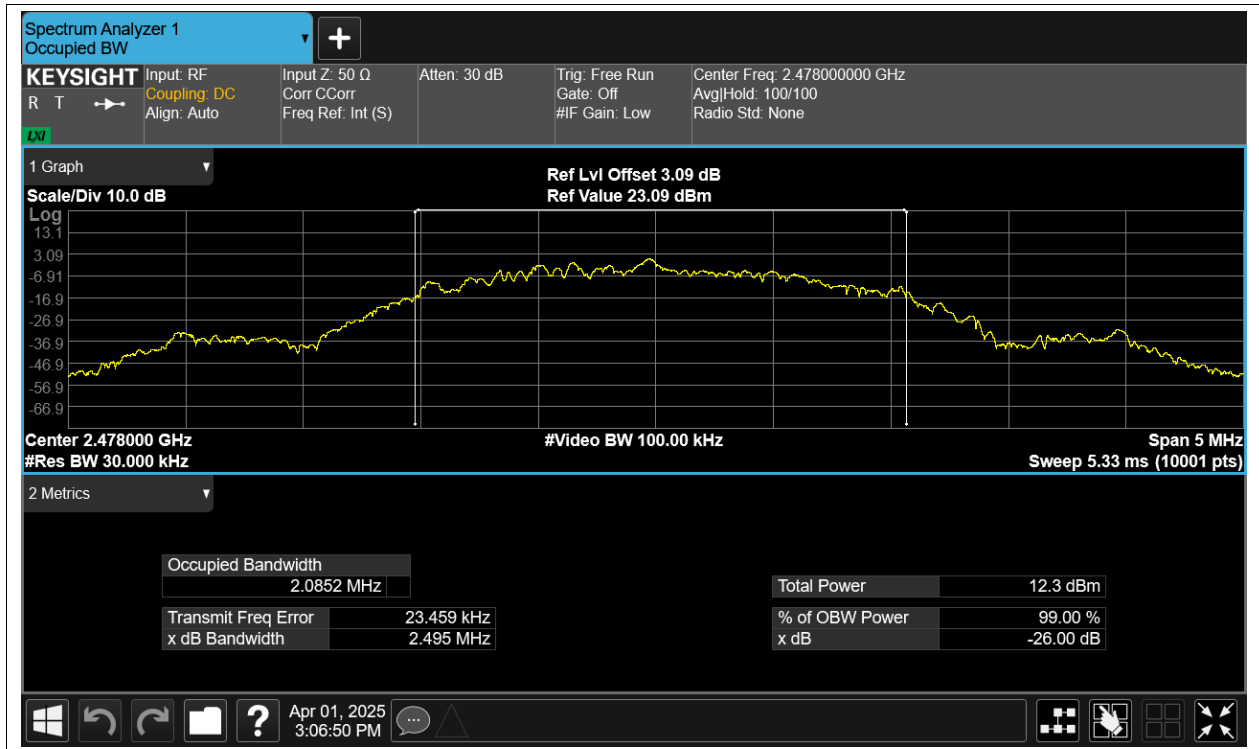
OBW NVNT BLE 2404MHz Ant1



OBW NVNT BLE 2442MHz Ant1

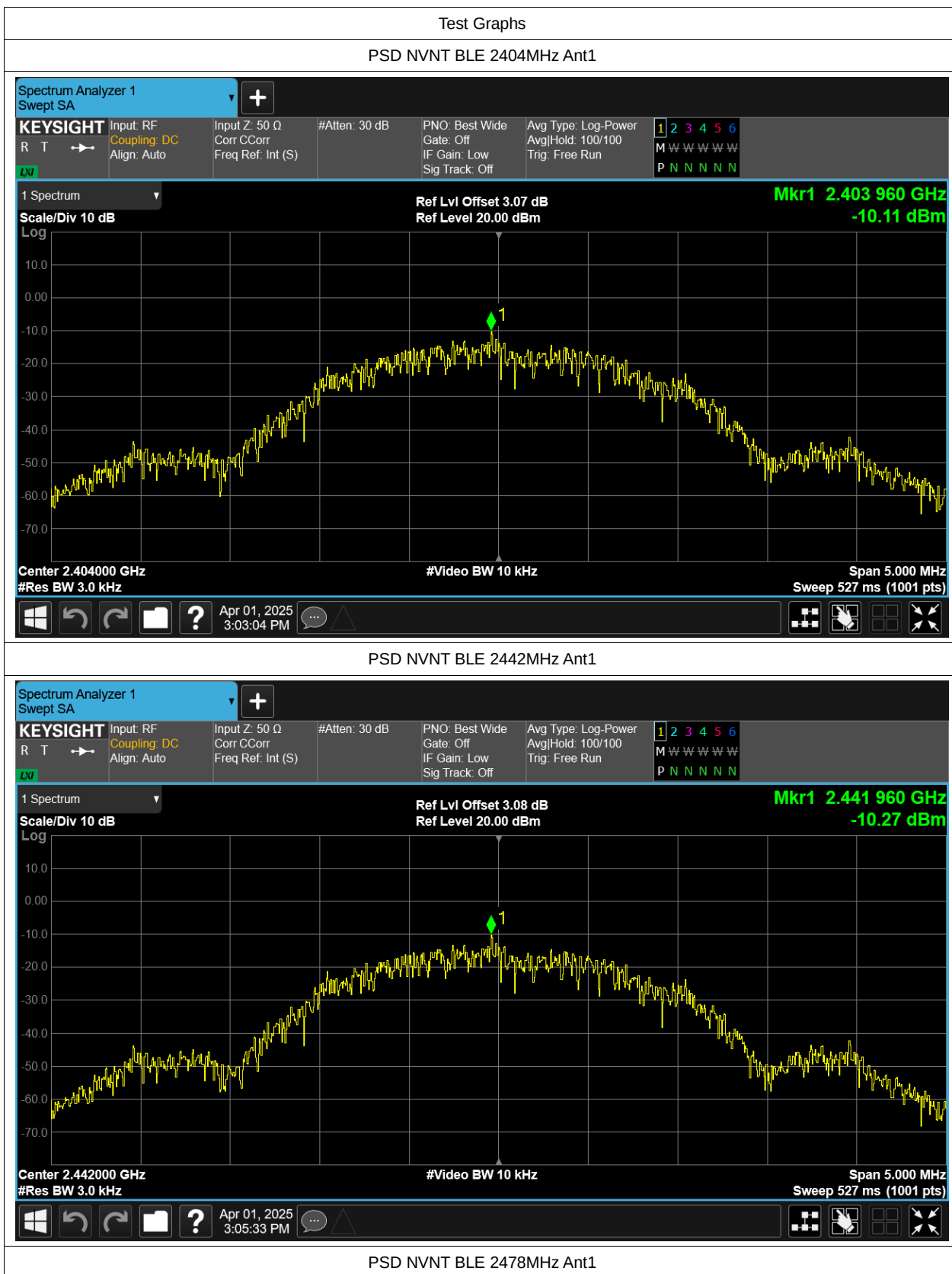


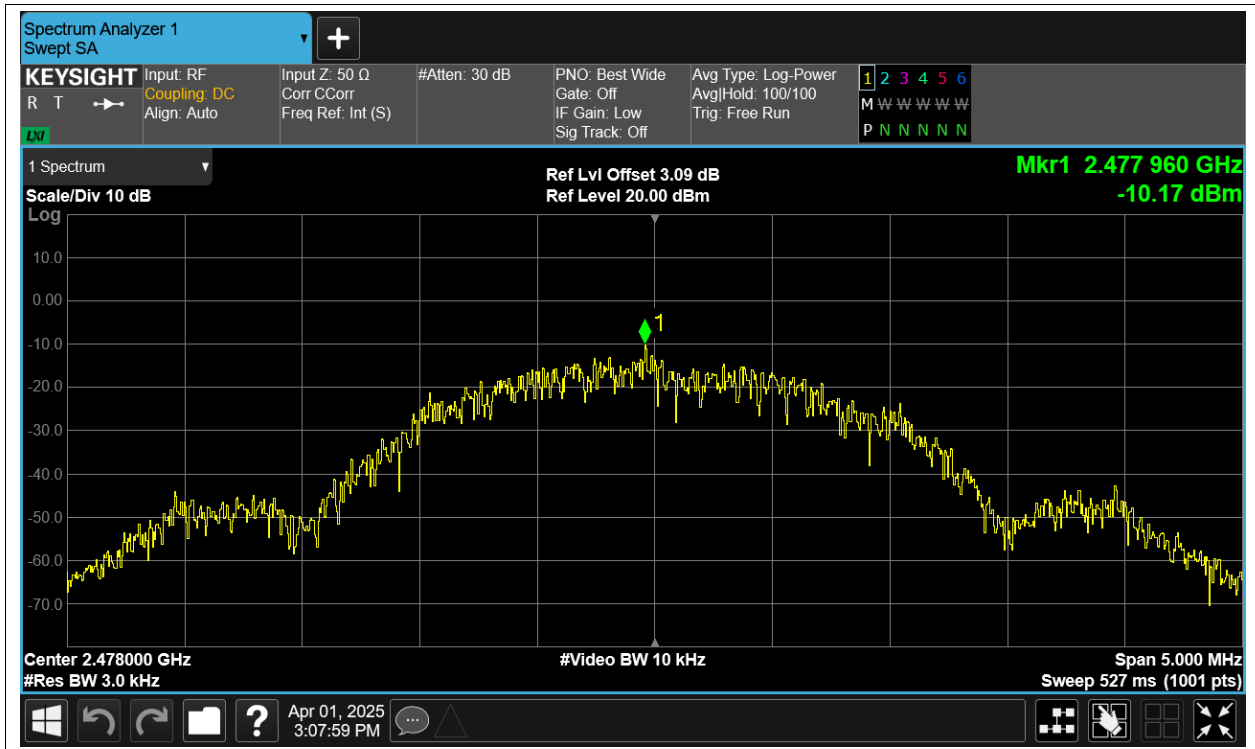
OBW NVNT BLE 2478MHz Ant1



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3KHz)	Limit (dBm/3KHz)	Verdict
NVNT	BLE	2404	Ant1	-10.106	8	Pass
NVNT	BLE	2442	Ant1	-10.266	8	Pass
NVNT	BLE	2478	Ant1	-10.174	8	Pass



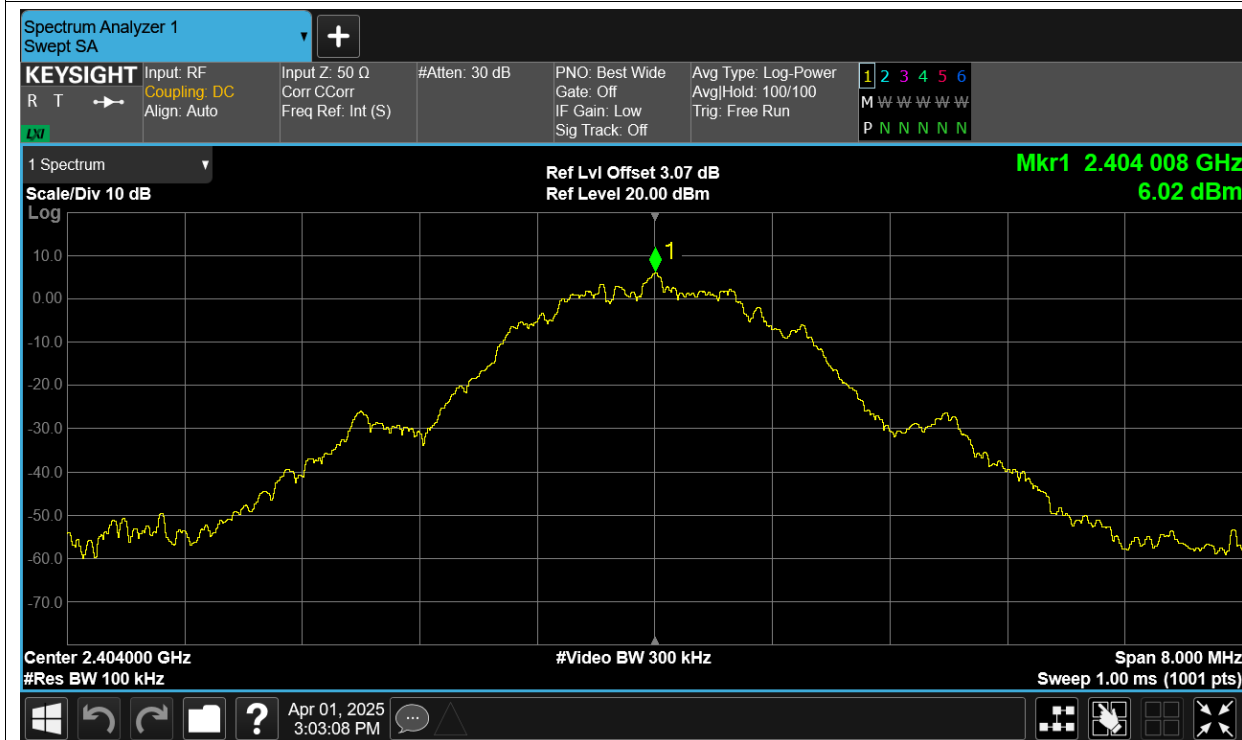


Band Edge

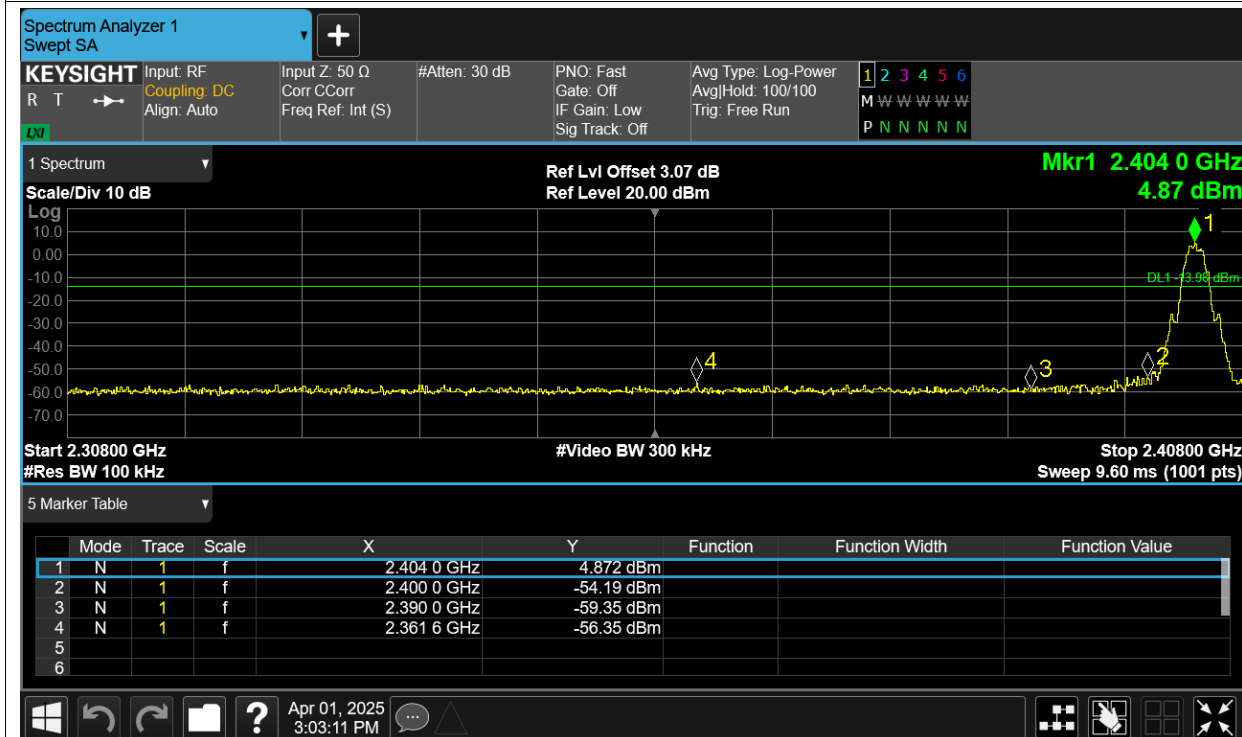
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-62.37	-20	Pass
NVNT	BLE	2478	Ant1	-59.95	-20	Pass

Test Graphs

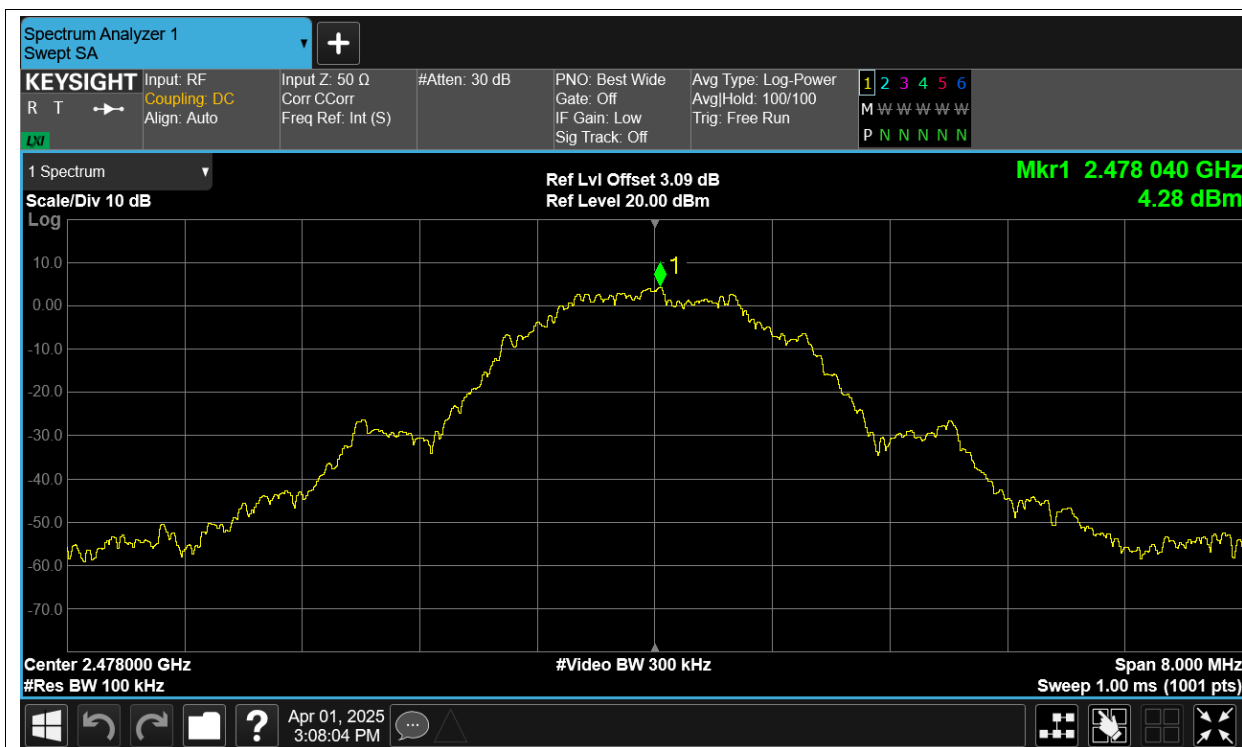
Band Edge NVNT BLE 2404MHz Ant1 Ref



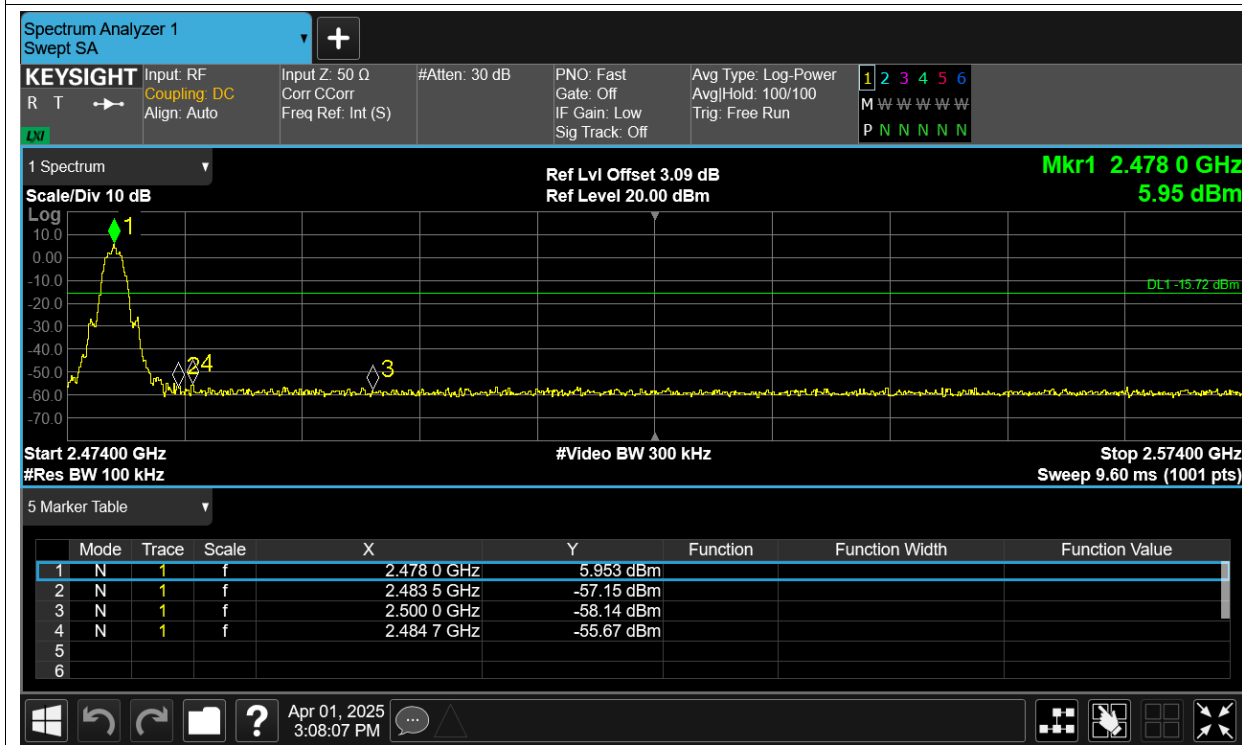
Band Edge NVNT BLE 2404MHz Ant1 Emission



Band Edge NVNT BLE 2478MHz Ant1 Ref



Band Edge NVNT BLE 2478MHz Ant1 Emission

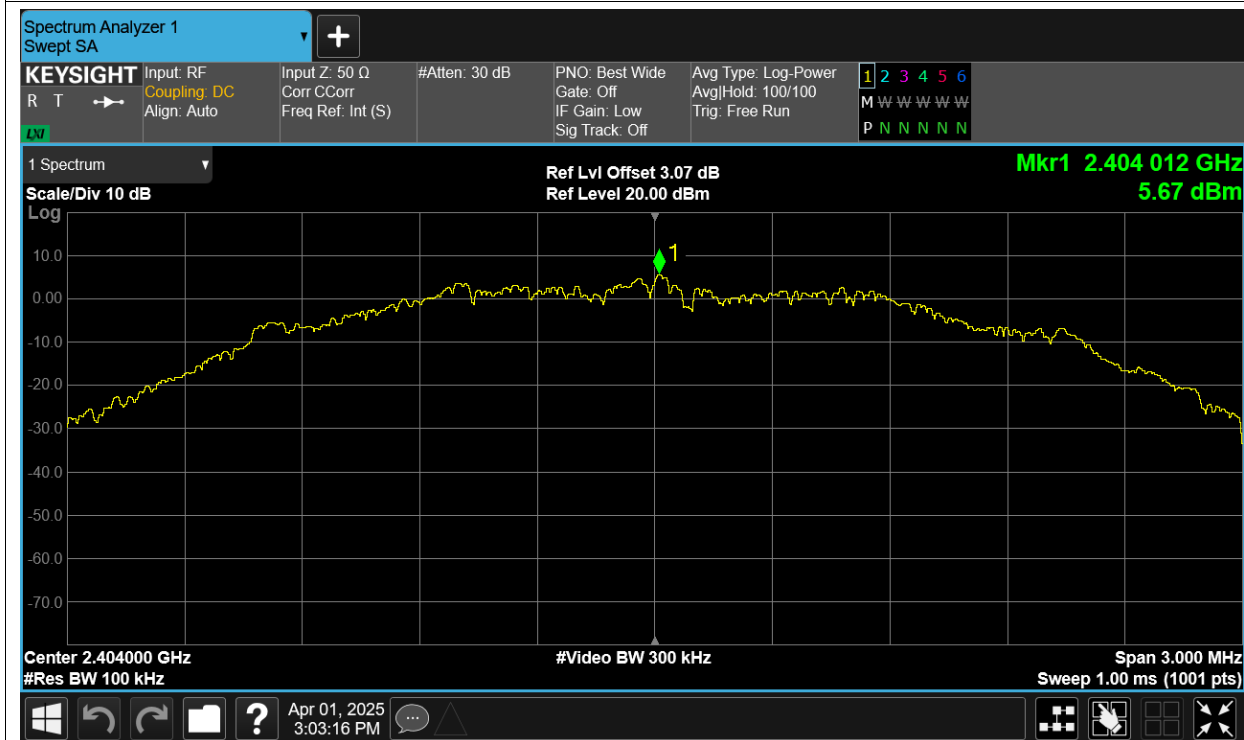


Conducted RF Spurious Emission

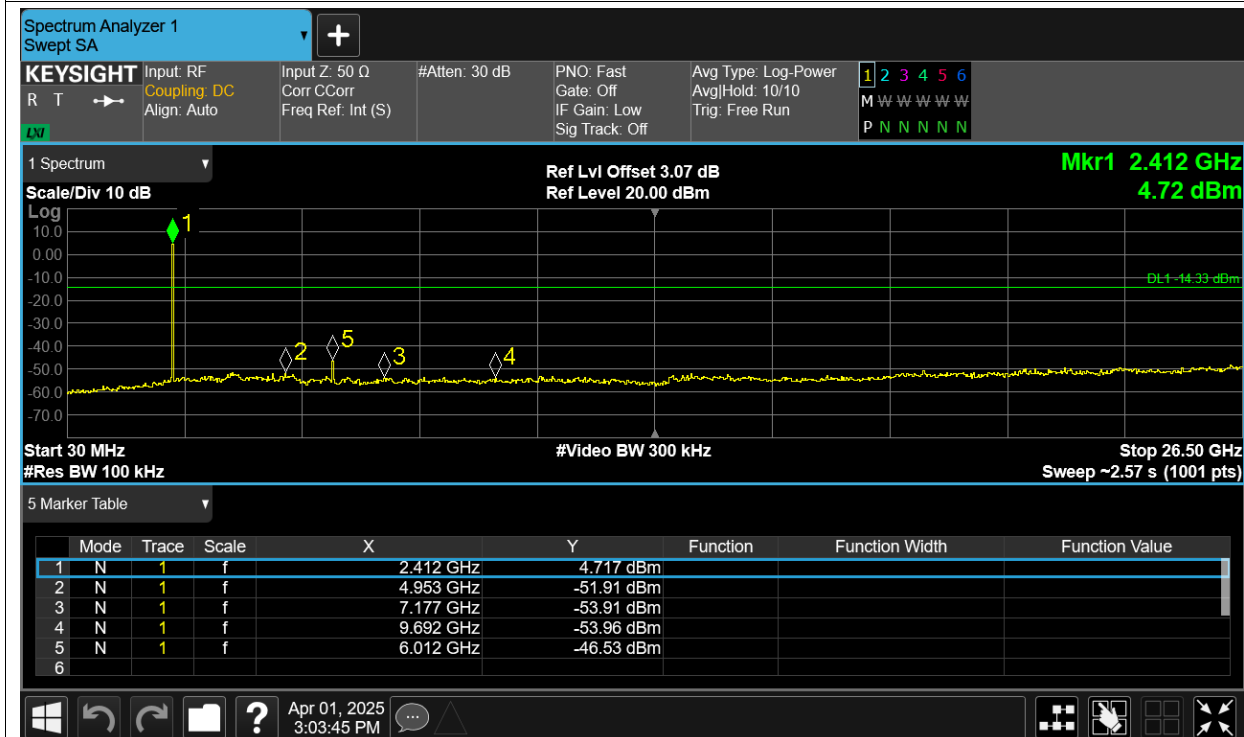
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-52.2	-20	Pass
NVNT	BLE	2442	Ant1	-53.09	-20	Pass
NVNT	BLE	2478	Ant1	-53.75	-20	Pass
Remark: 1. Rel Lvl Offset=External cable loss + Internal loss(Internal cable loss+ RF Control Unit loss+ Power Detector Box loss) 2. Internal loss: It varies with the test frequency.						

Test Graphs

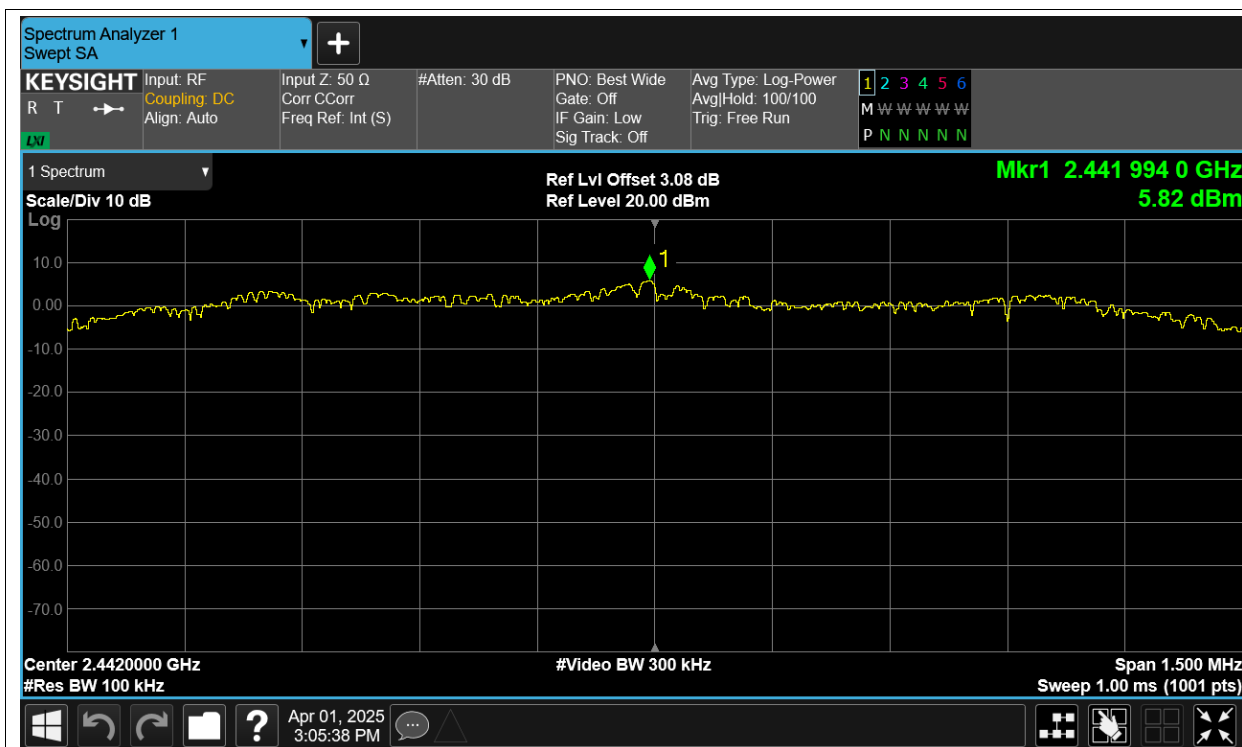
Tx. Spurious NVNT BLE 2404MHz Ant1 Ref



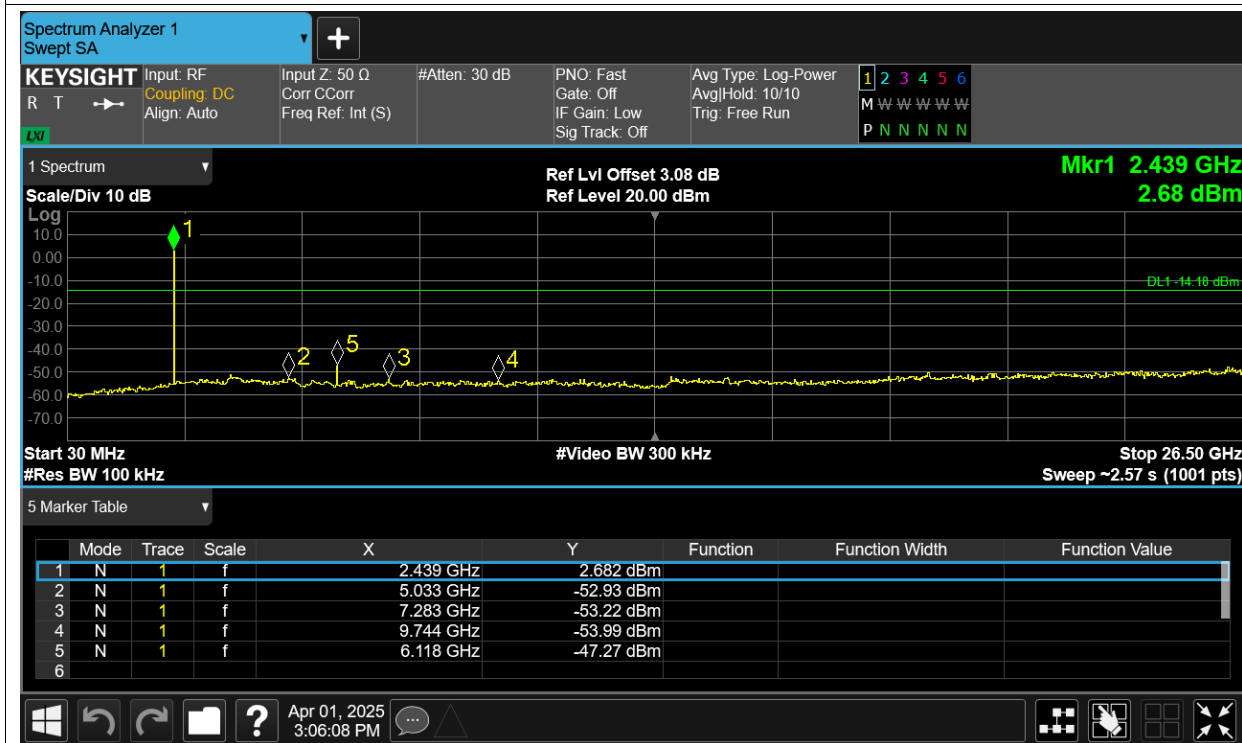
Tx. Spurious NVNT BLE 2404MHz Ant1 Emission



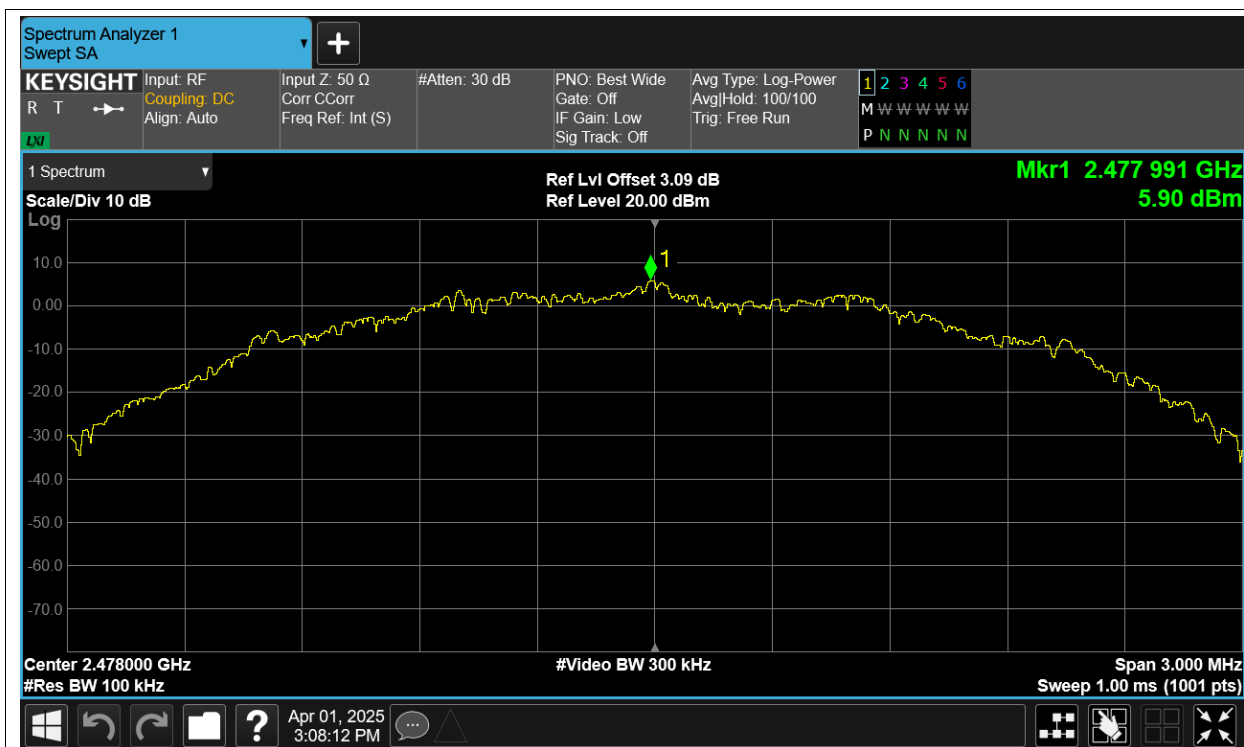
Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2478MHz Ant1 Ref



Tx. Spurious NVNT BLE 2478MHz Ant1 Emission

