

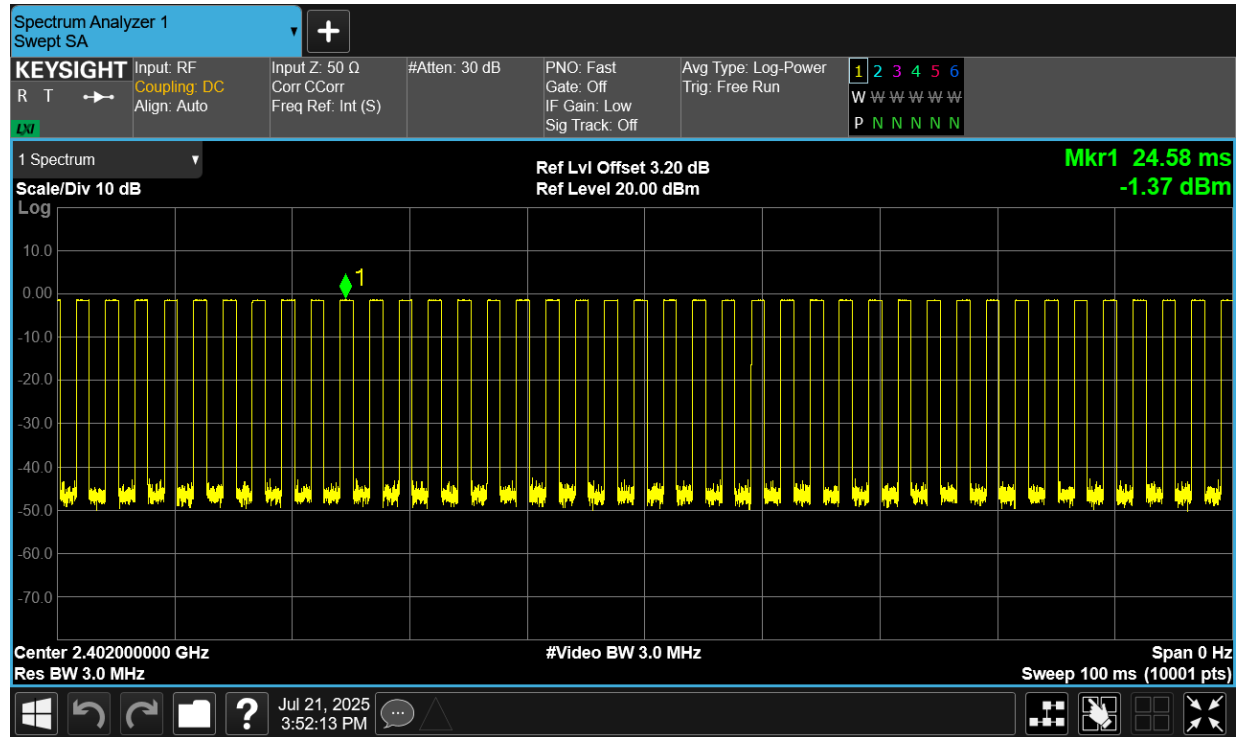
## Test Data

### Duty Cycle

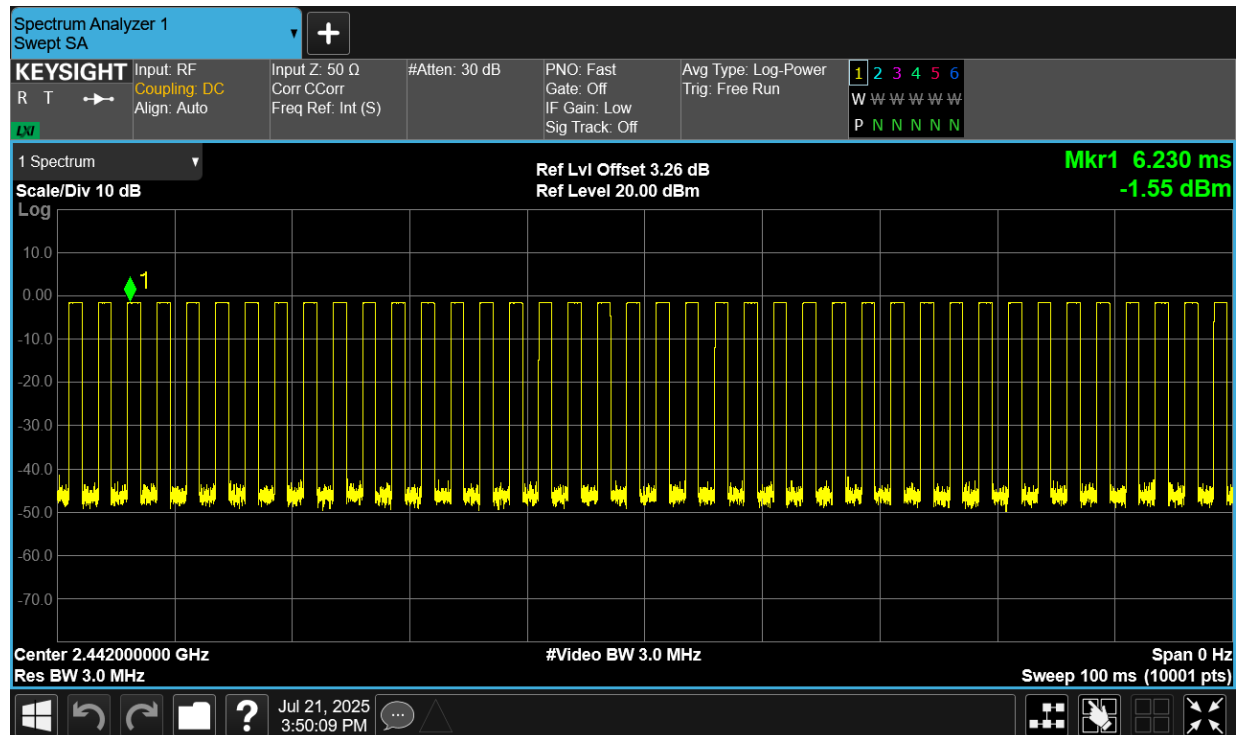
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	Ant1	44.73	3.49
NVNT	BLE	2442	Ant1	44.62	3.51
NVNT	BLE	2480	Ant1	44.65	3.5

## Test Graphs

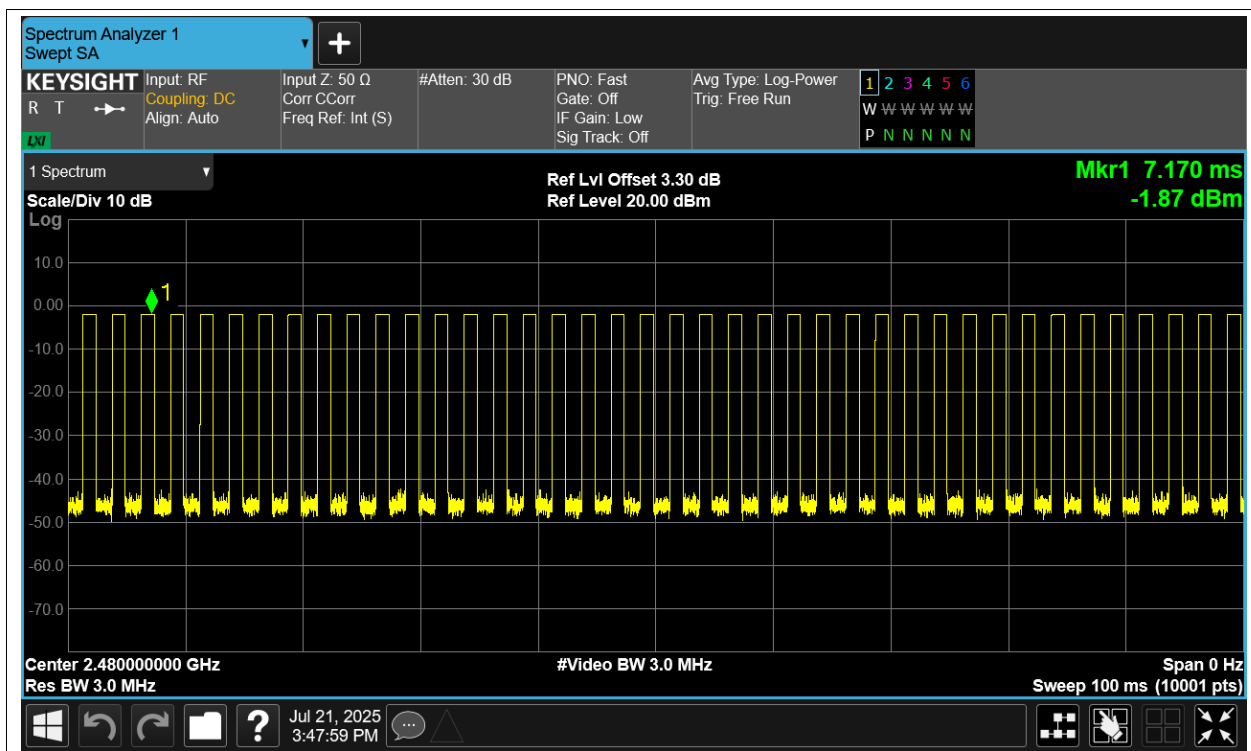
Duty Cycle NVNT BLE 2402MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2480MHz Ant1

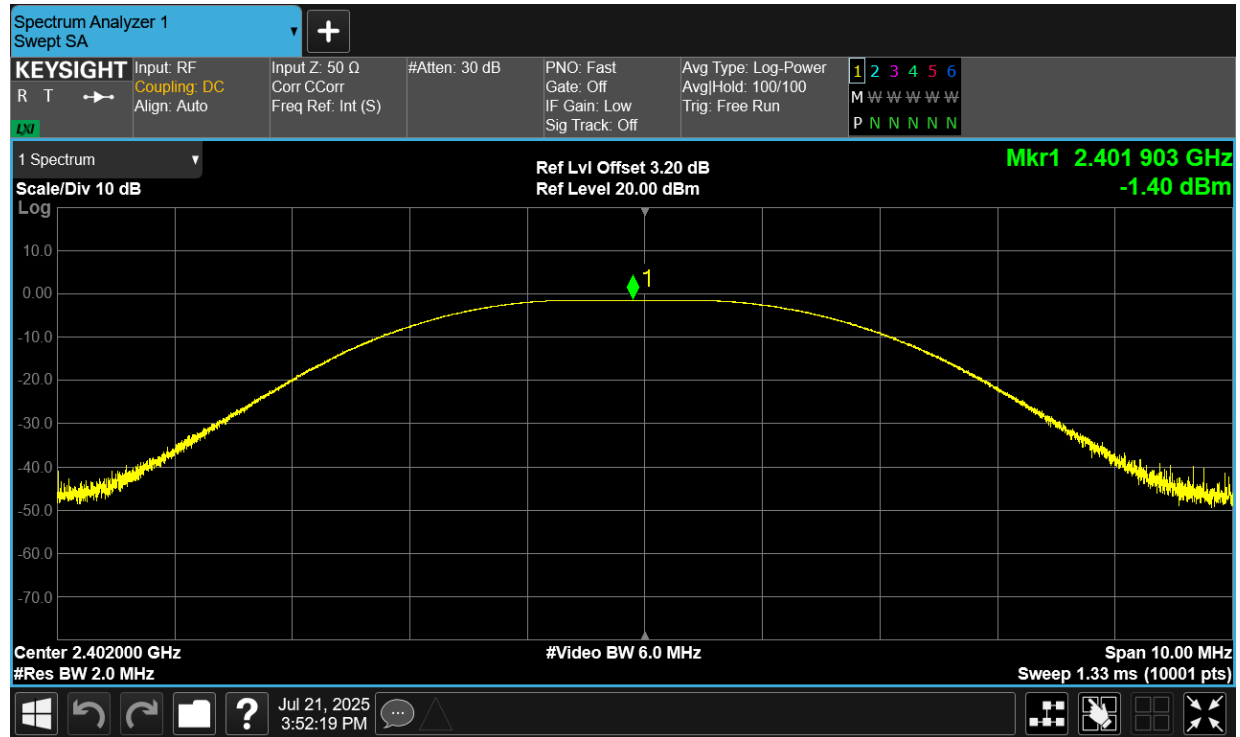


## Maximum Conducted Output Power

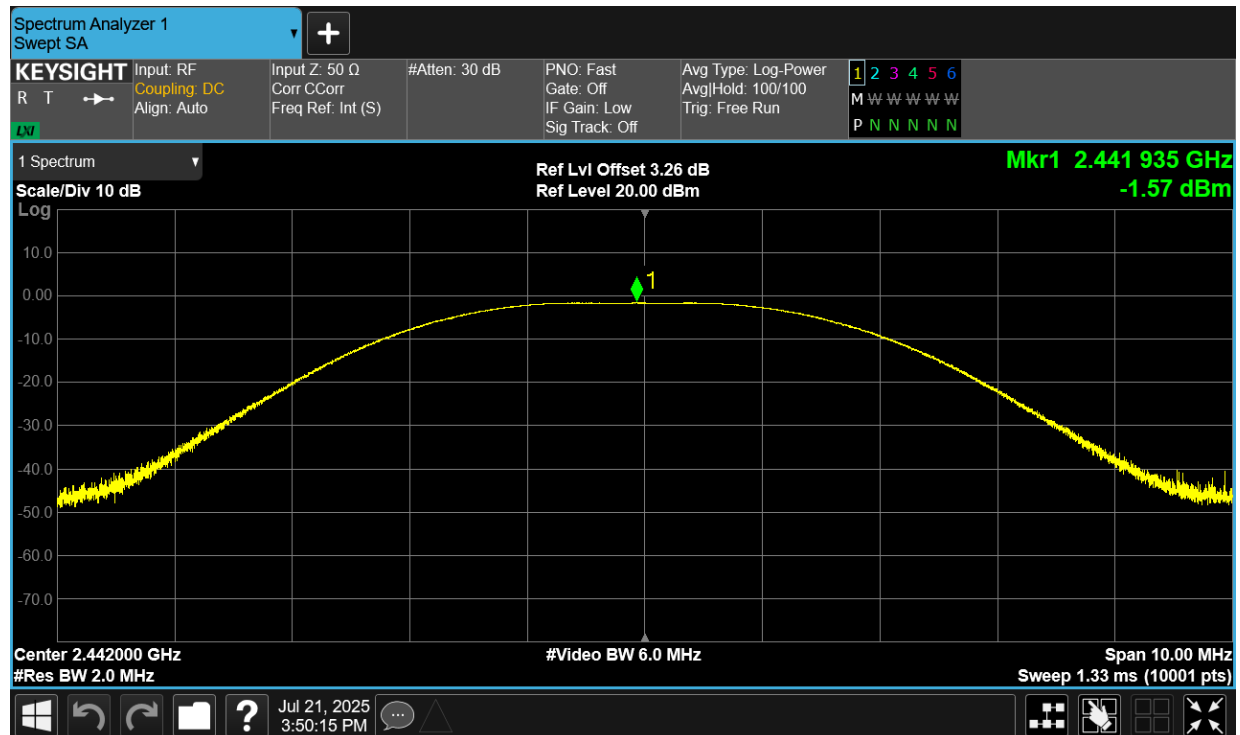
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-1.402	30	Pass
NVNT	BLE	2442	Ant1	-1.573	30	Pass
NVNT	BLE	2480	Ant1	-1.943	30	Pass

## Test Graphs

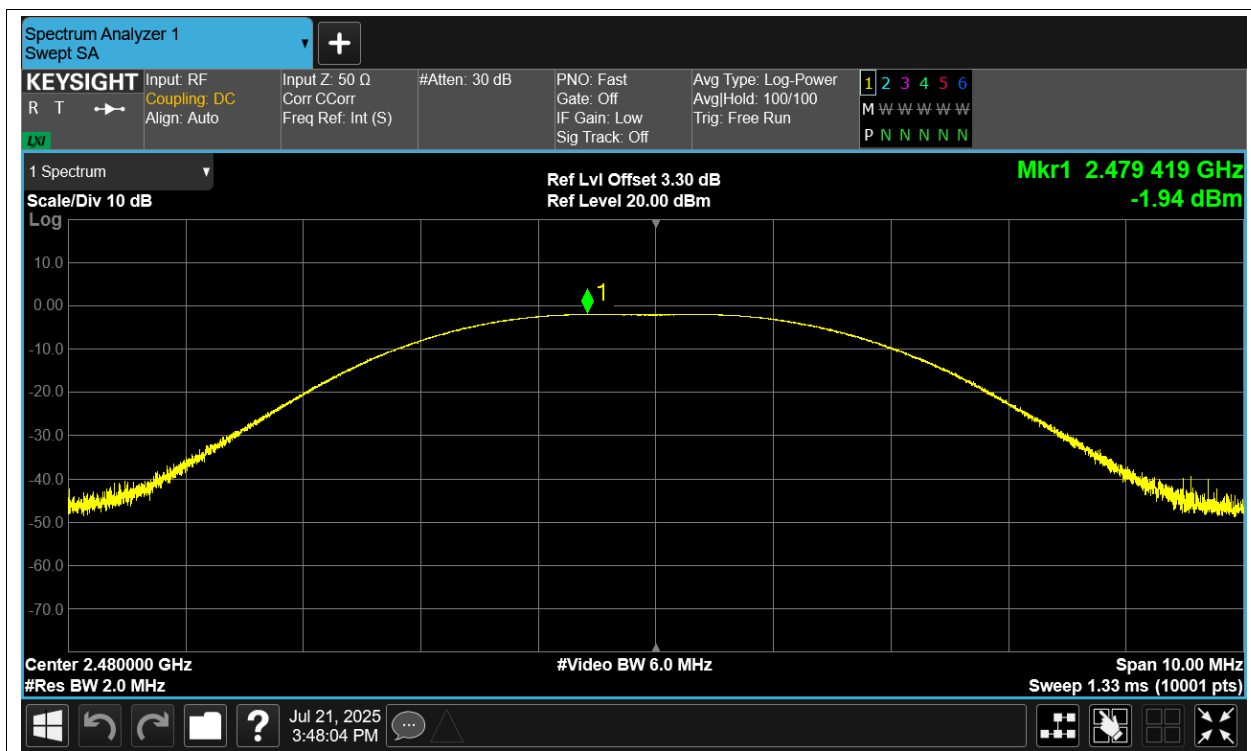
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2480MHz Ant1



## -6dB Bandwidth

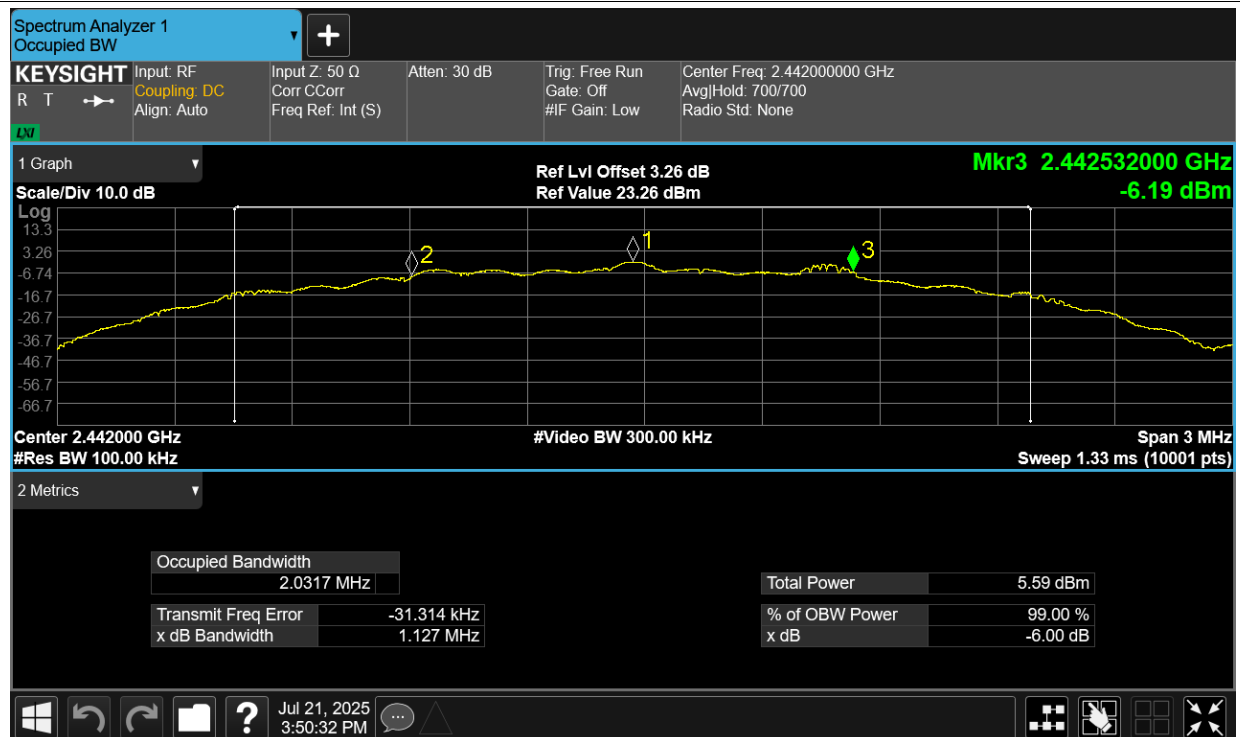
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant1	1.106	0.5	Pass
NVNT	BLE	2442	Ant1	1.127	0.5	Pass
NVNT	BLE	2480	Ant1	1.109	0.5	Pass

## Test Graphs

-6dB Bandwidth NVNT BLE 2402MHz Ant1

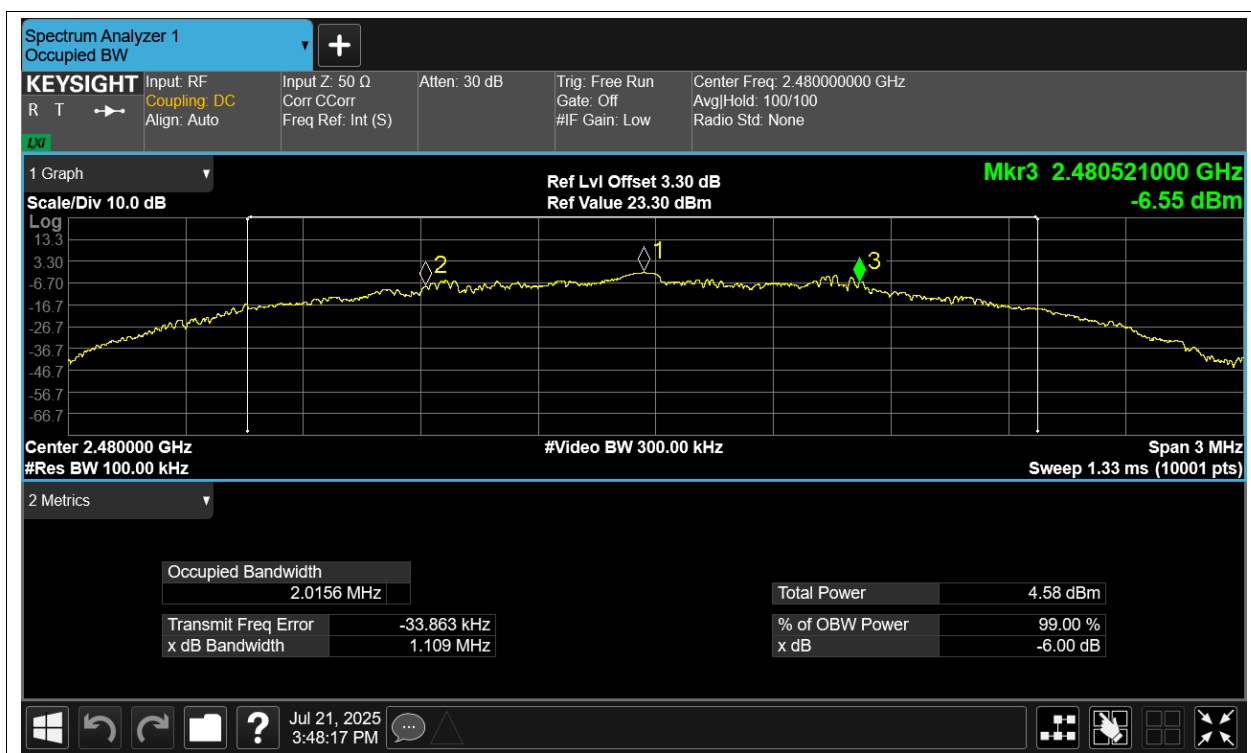


-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1



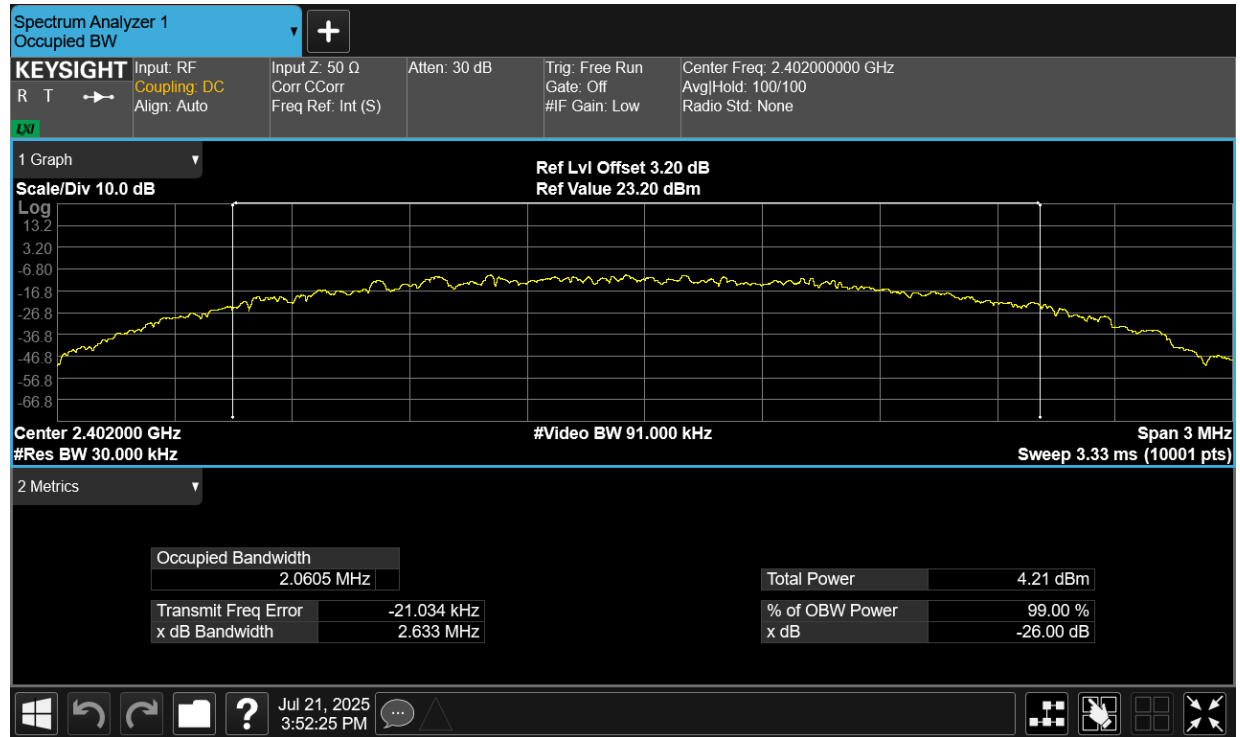


## Occupied Channel Bandwidth

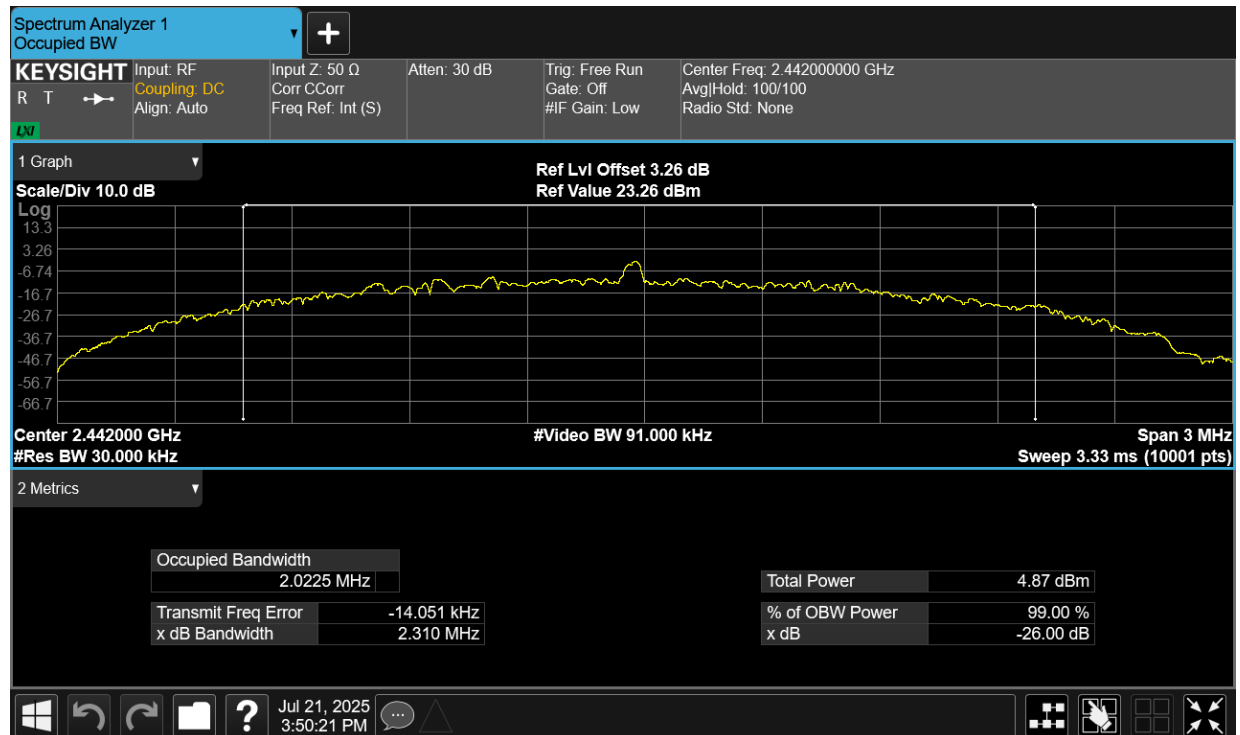
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	2.06
NVNT	BLE	2442	Ant1	2.023
NVNT	BLE	2480	Ant1	2.018

## Test Graphs

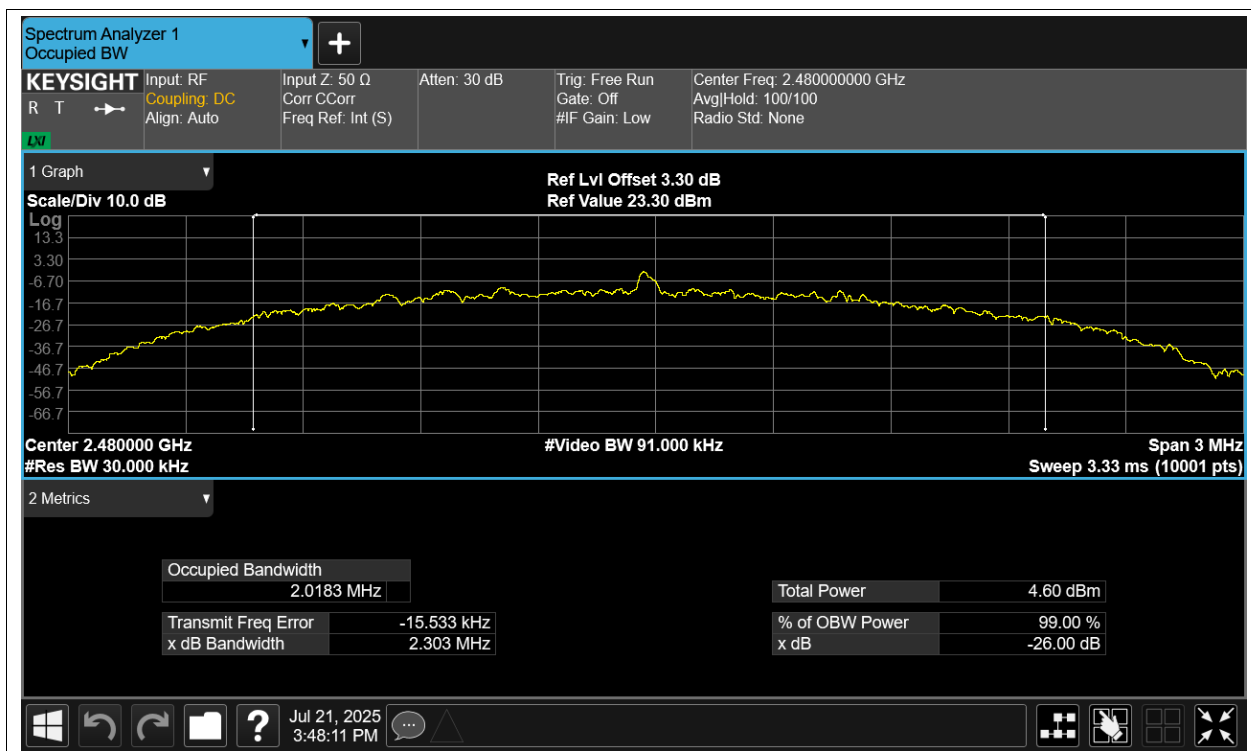
### OBW NVNT BLE 2402MHz Ant1



### OBW NVNT BLE 2442MHz Ant1



### OBW NVNT BLE 2480MHz Ant1

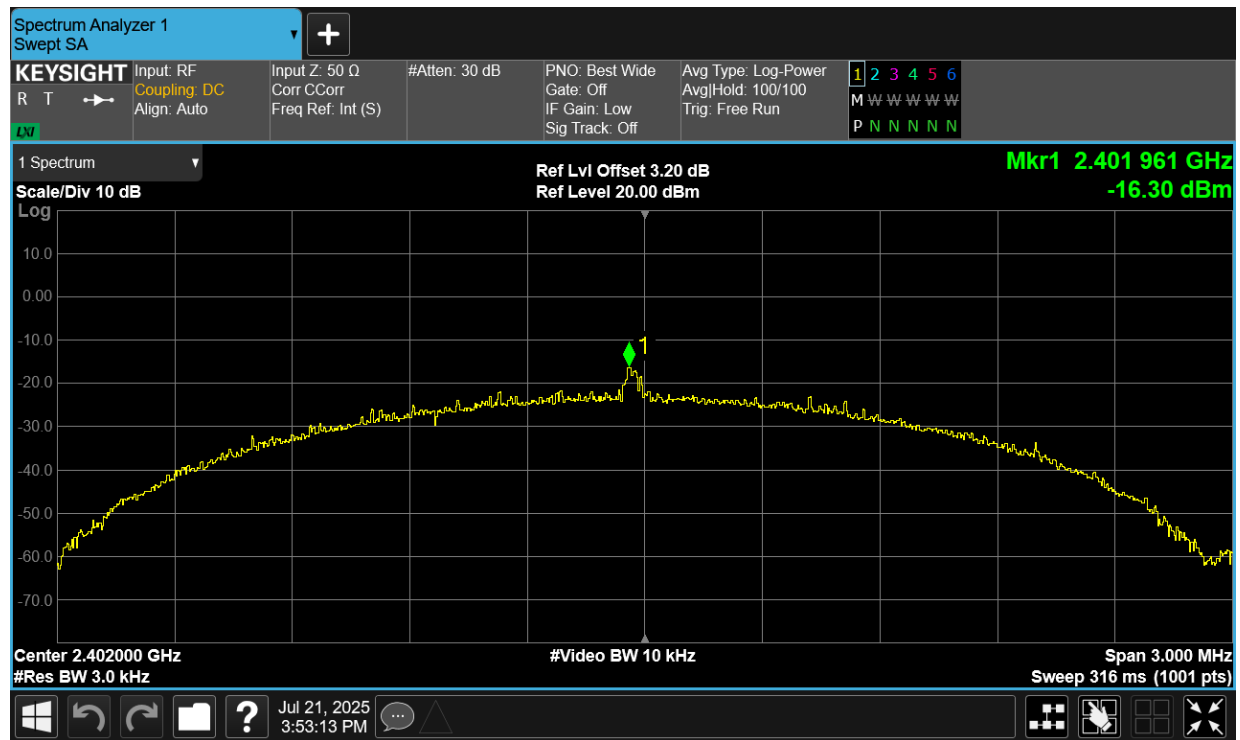


## Maximum Power Spectral Density Level

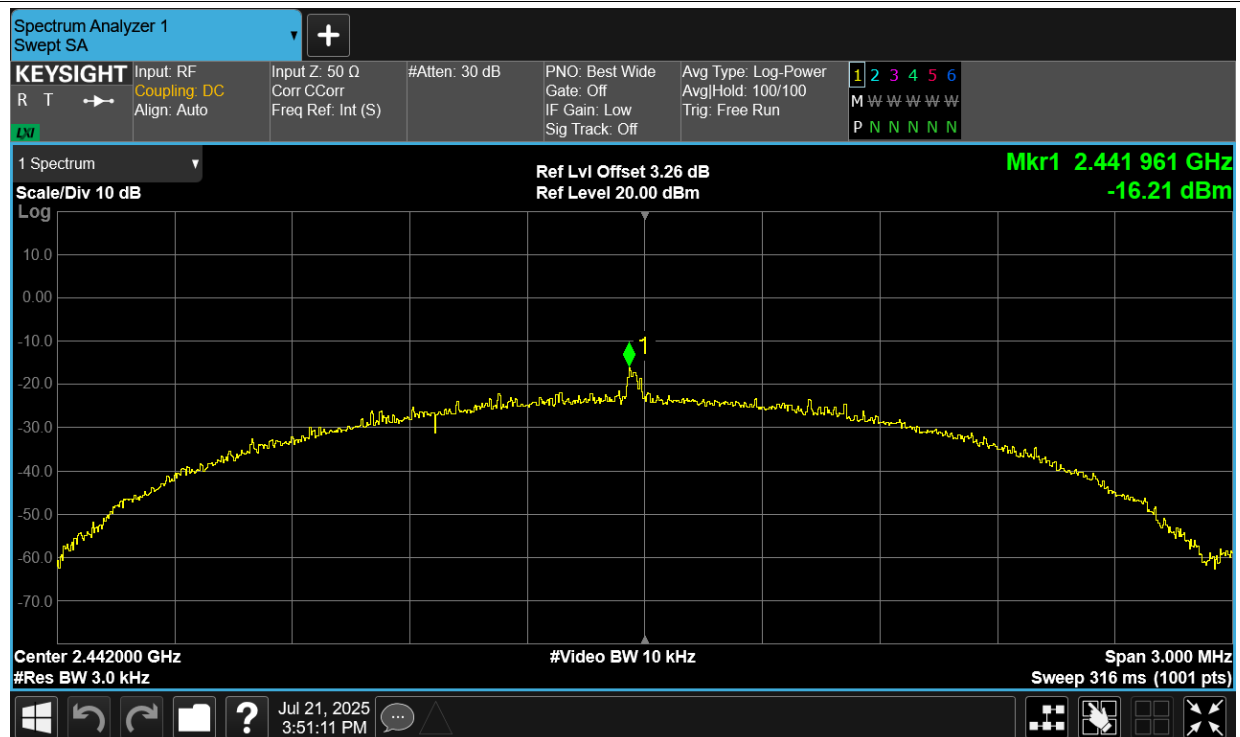
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-16.304	8	Pass
NVNT	BLE	2442	Ant1	-16.211	8	Pass
NVNT	BLE	2480	Ant1	-16.049	8	Pass

## Test Graphs

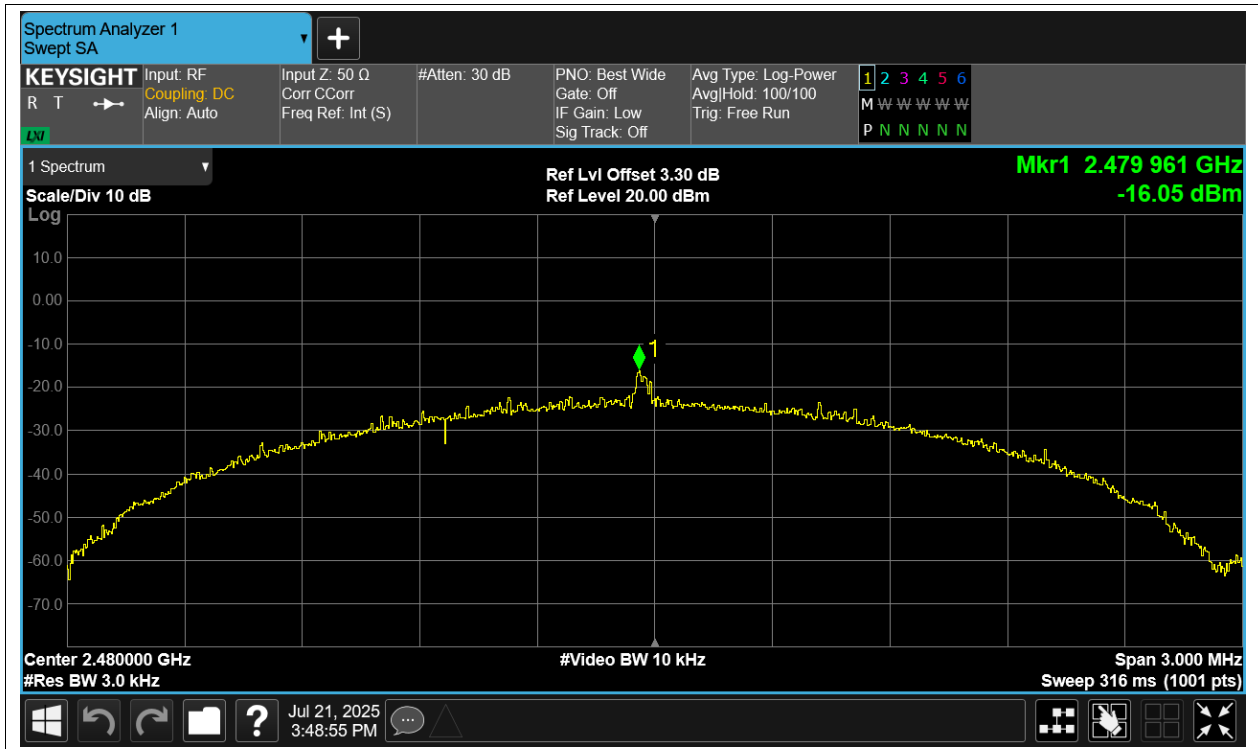
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1



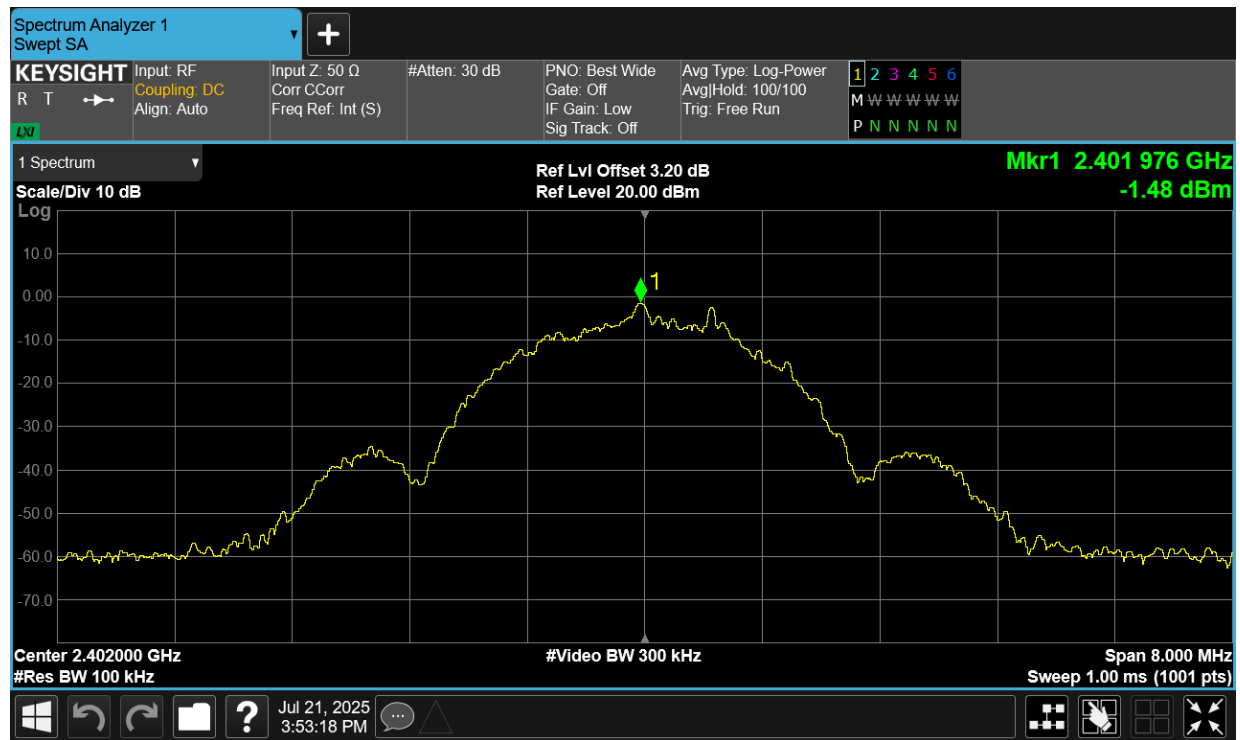
## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-55.2	-30	Pass
NVNT	BLE	2480	Ant1	-51.21	-30	Pass

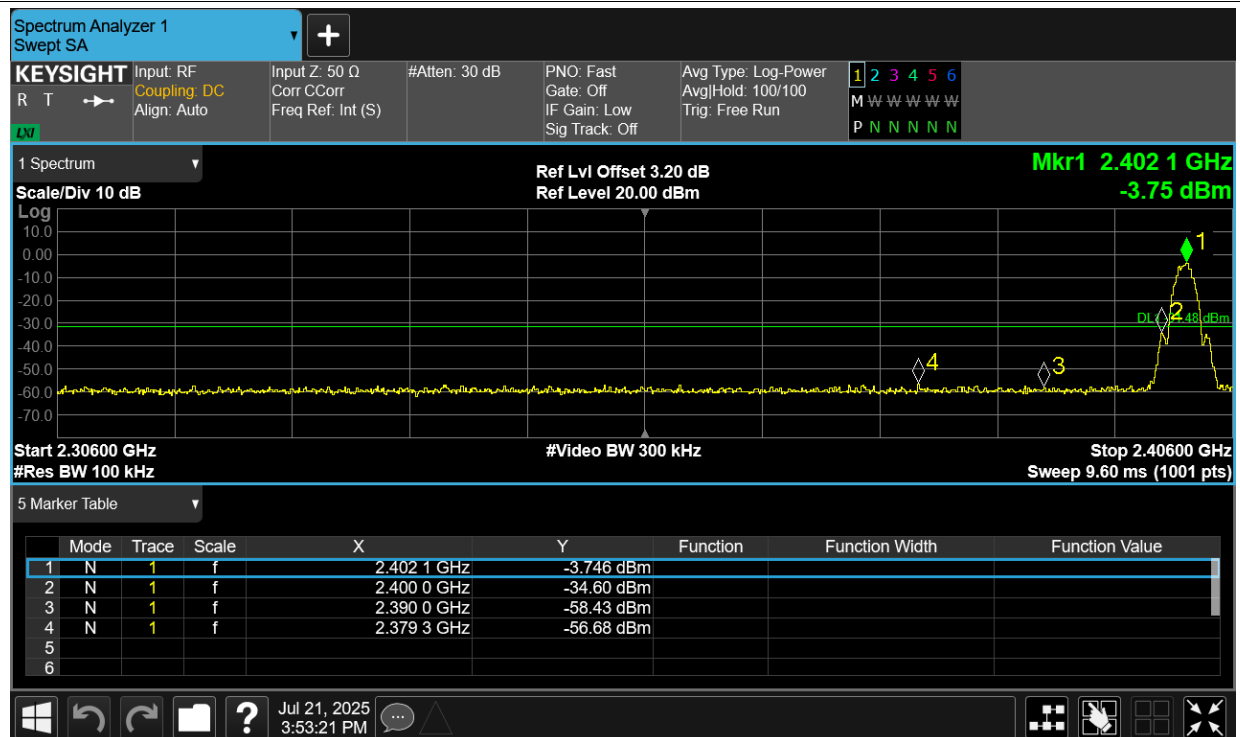


## Test Graphs

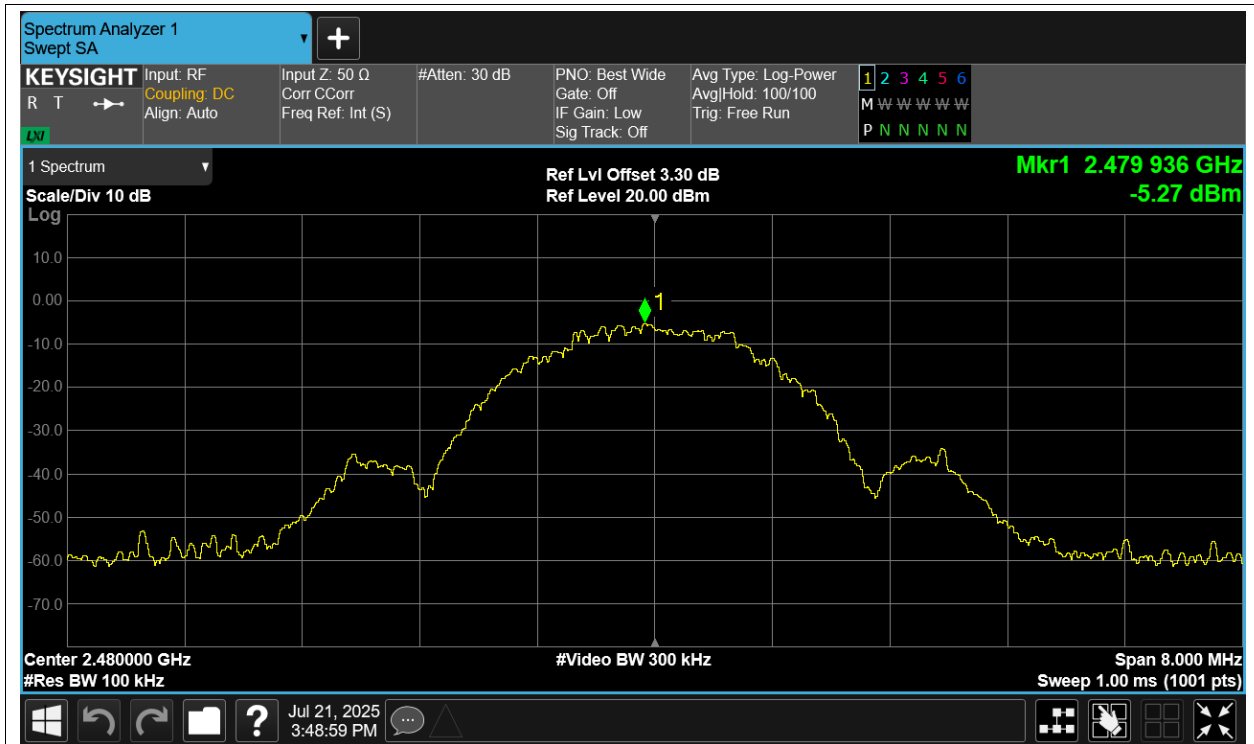
### Band Edge NVNT BLE 2402MHz Ant1 Ref



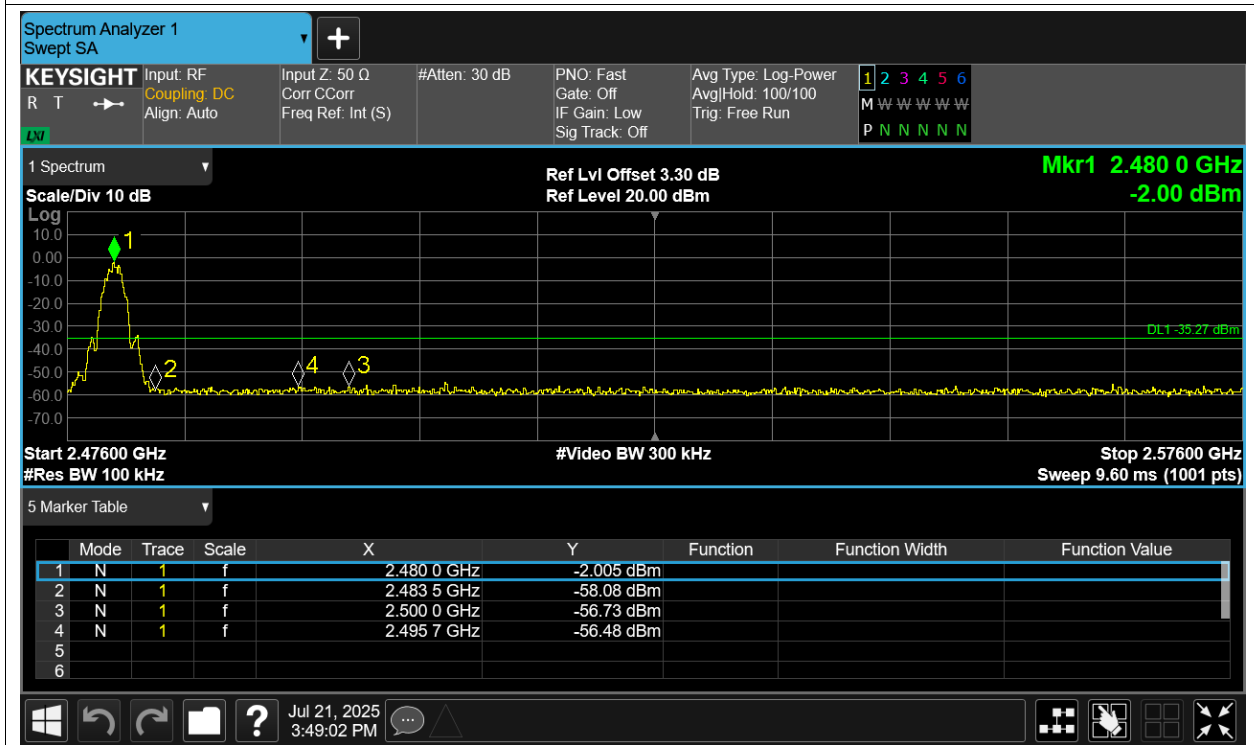
### Band Edge NVNT BLE 2402MHz Ant1 Emission



### Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



## Conducted RF Spurious Emission

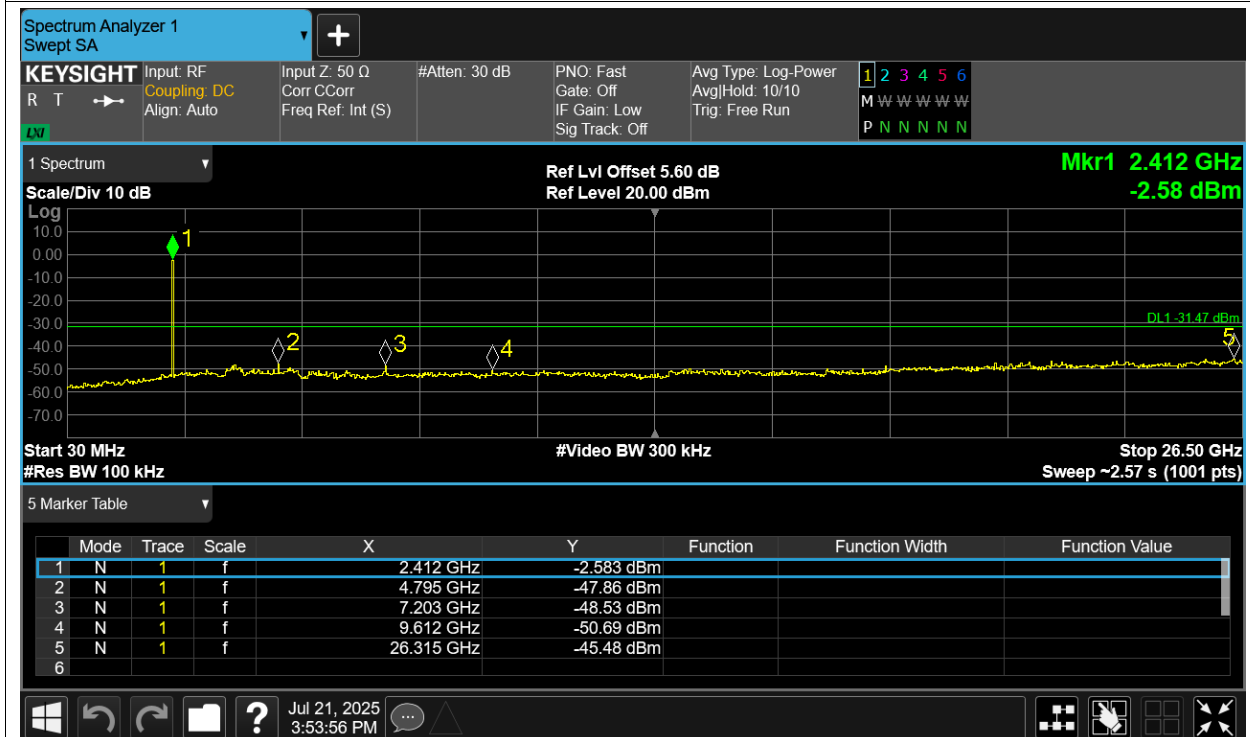
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-44.01	-30	Pass
NVNT	BLE	2442	Ant1	-43.61	-30	Pass
NVNT	BLE	2480	Ant1	-42.72	-30	Pass

## Test Graphs

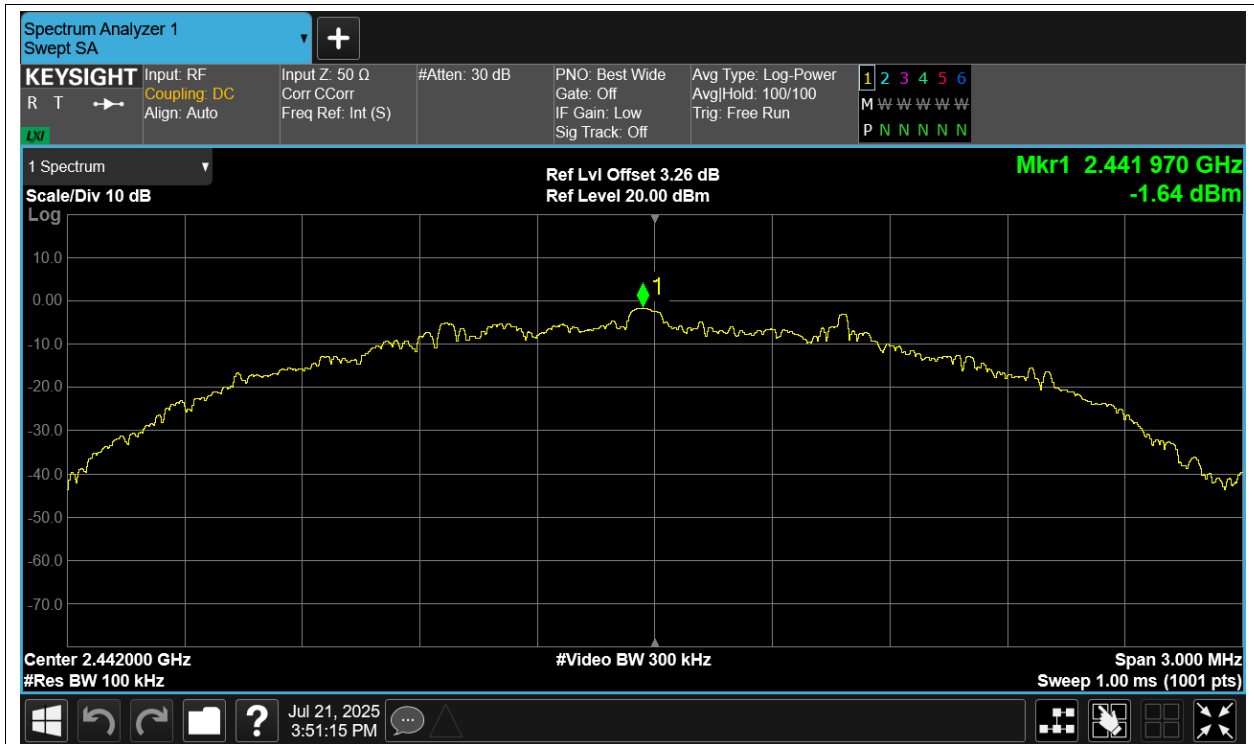
### Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



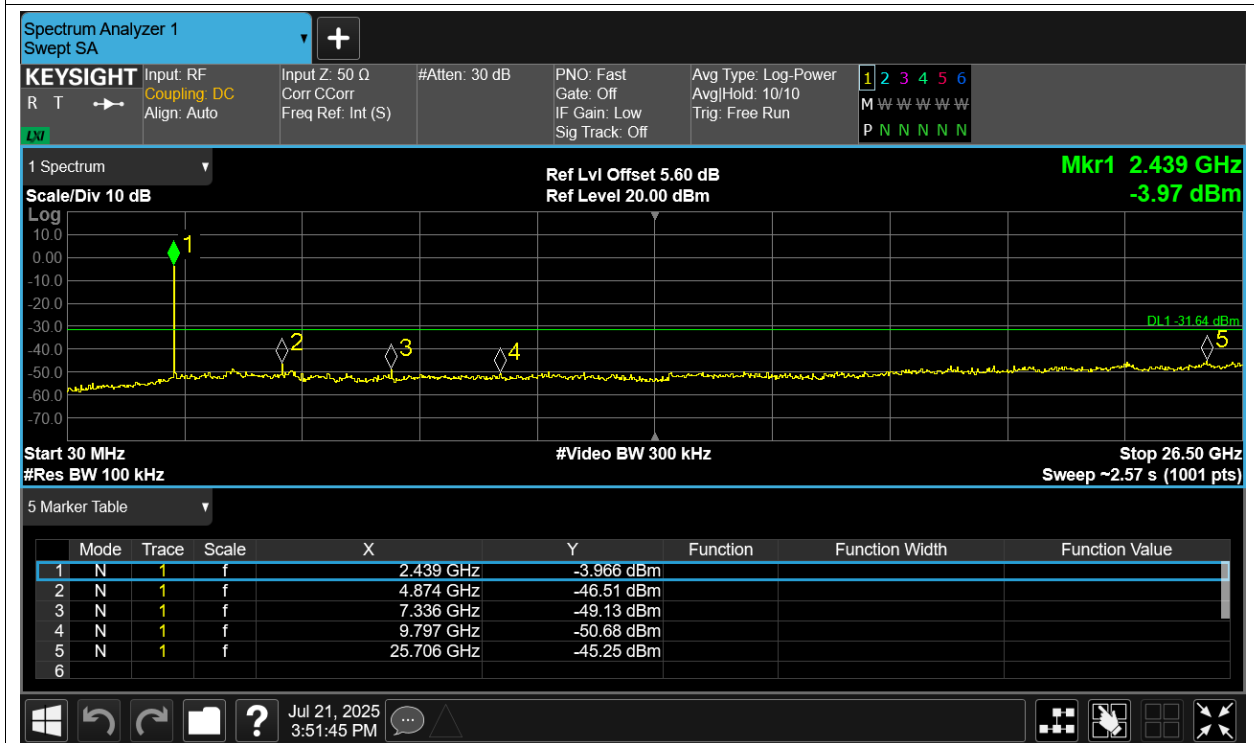
### Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



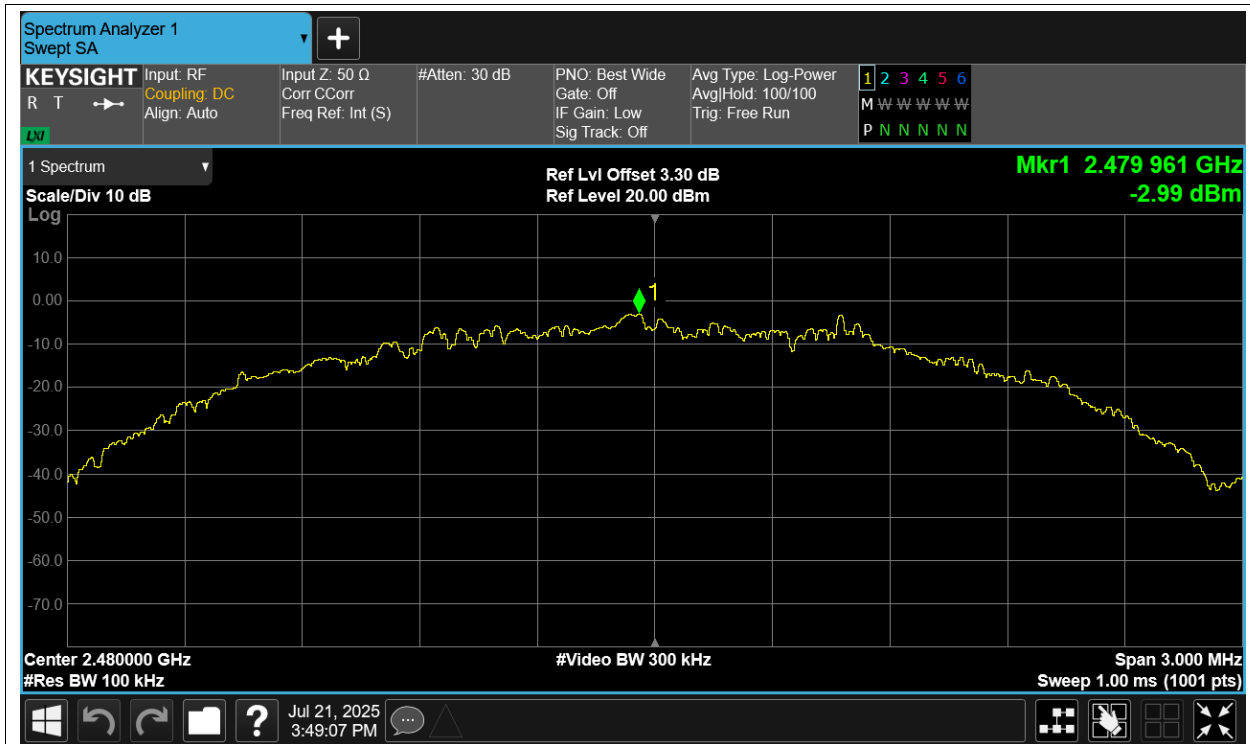
### Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

