

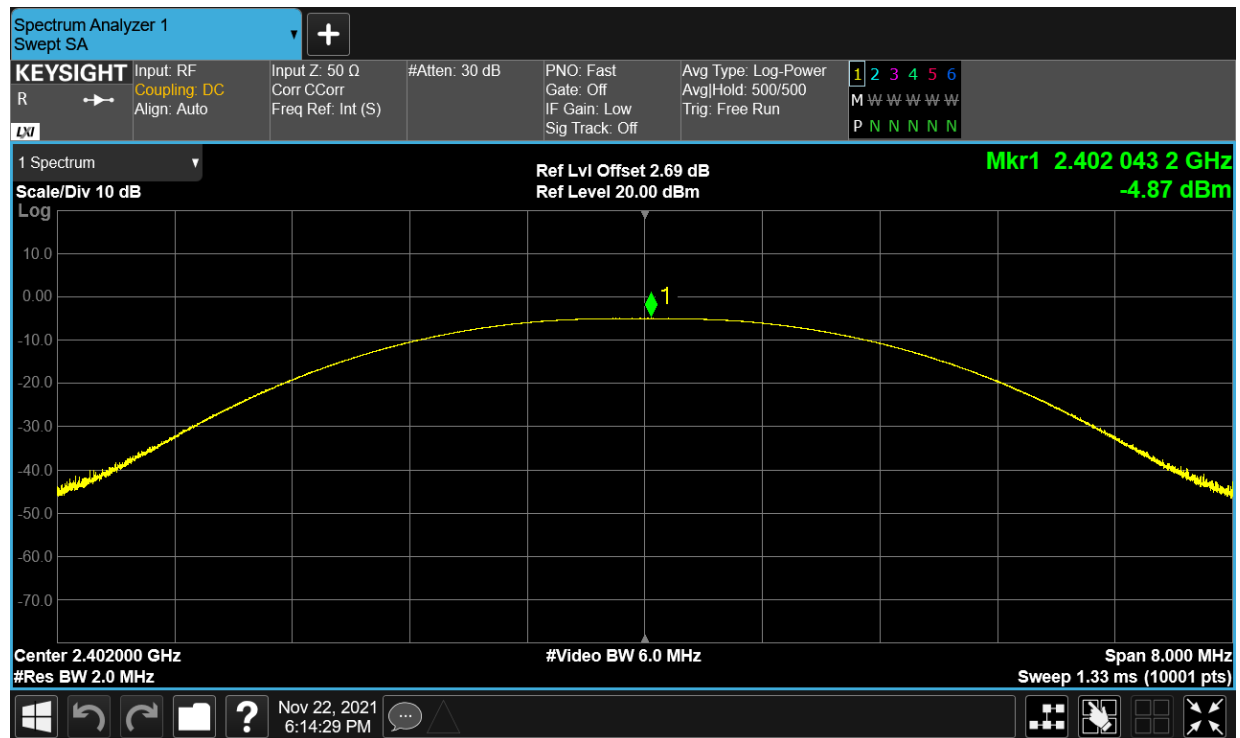
## Test Data

### Maximum Conducted Output Power

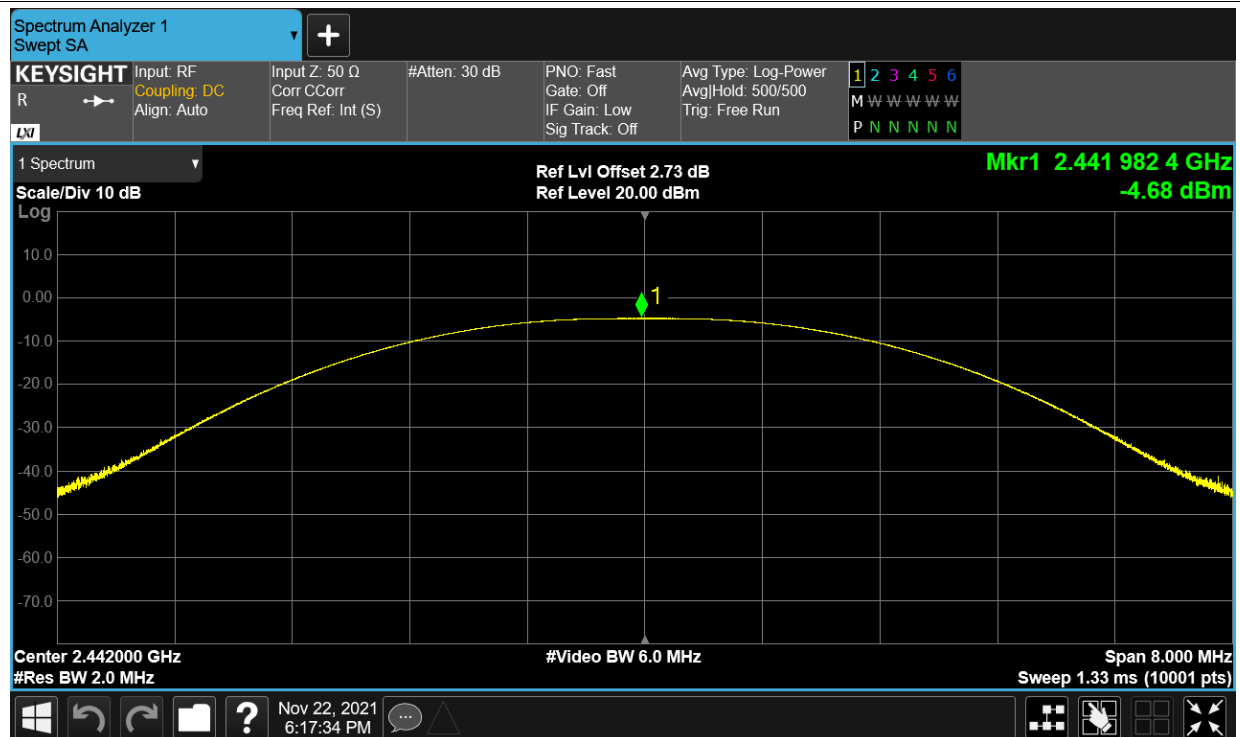
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | BLE  | 2402               | Ant1    | -4.865                   | 0                   | -4.865               | 30             | Pass    |
| NVNT      | BLE  | 2442               | Ant1    | -4.682                   | 0                   | -4.682               | 30             | Pass    |
| NVNT      | BLE  | 2480               | Ant1    | -6.846                   | 0                   | -6.846               | 30             | Pass    |

## Test Graphs

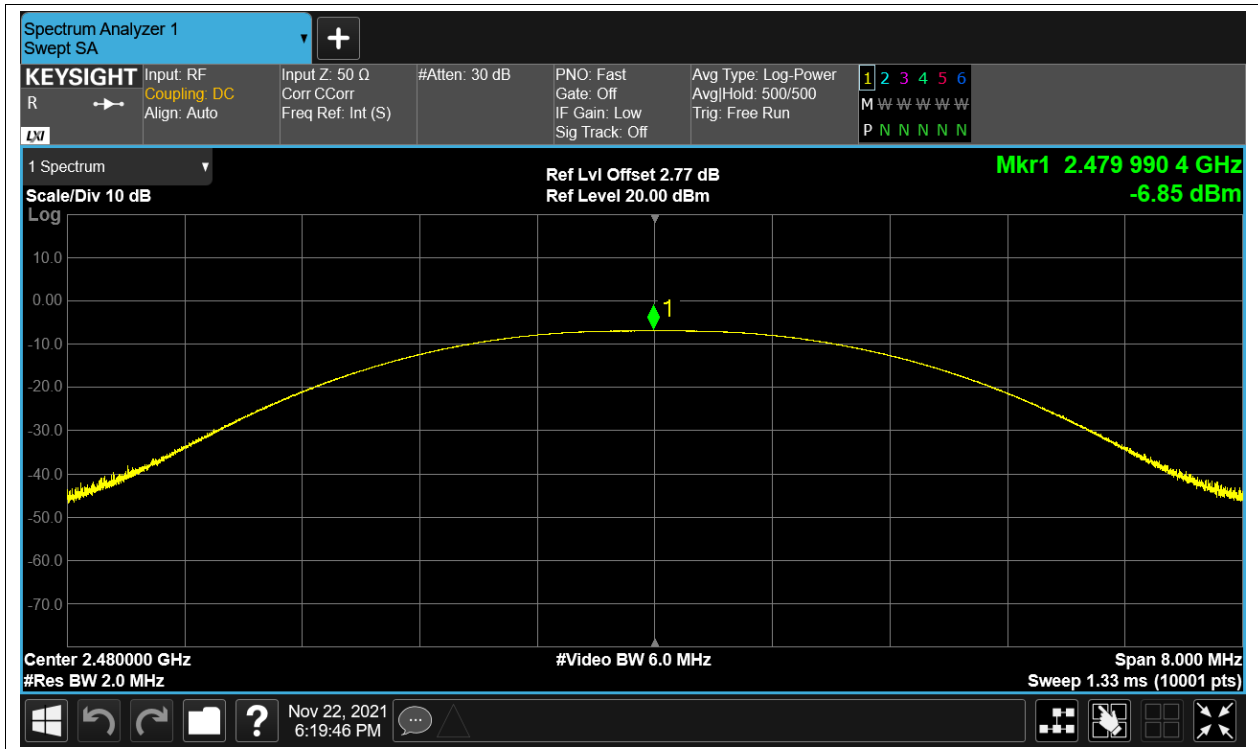
## Power NVNT BLE 2402MHz Ant1



## Power NVNT BLE 2442MHz Ant1



## Power NVNT BLE 2480MHz Ant1

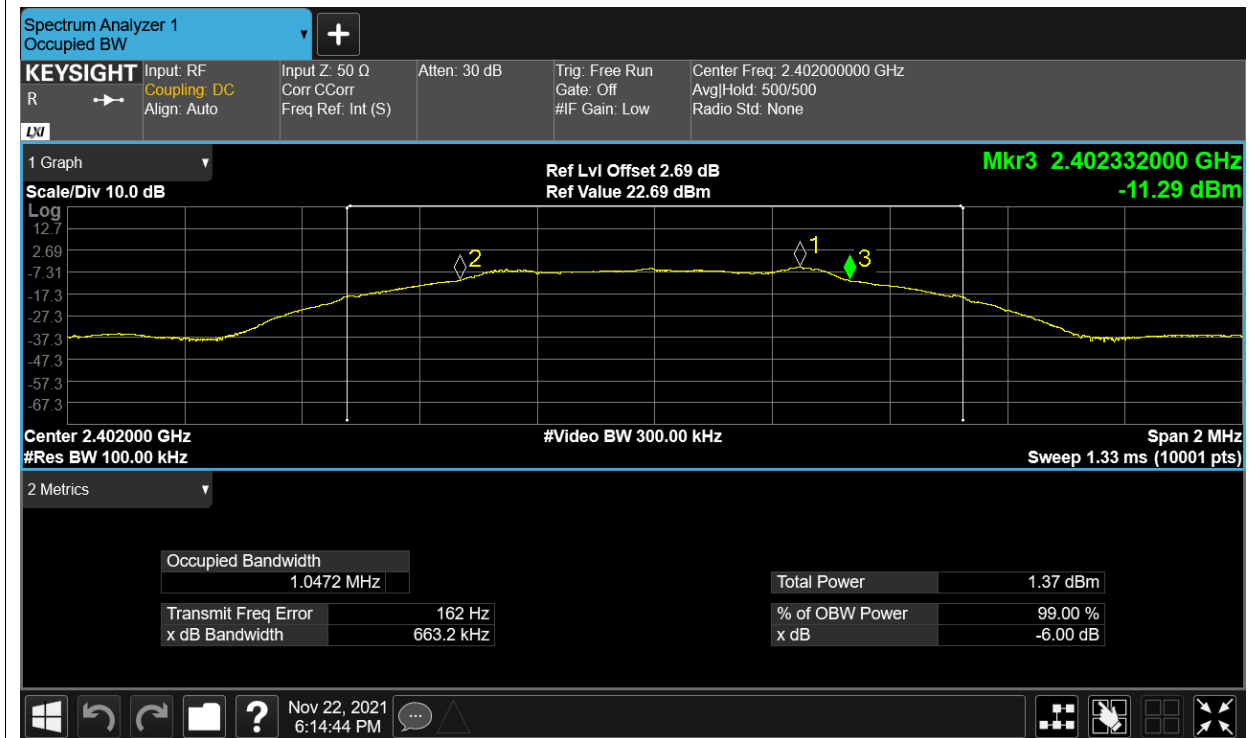


## -6dB Bandwidth

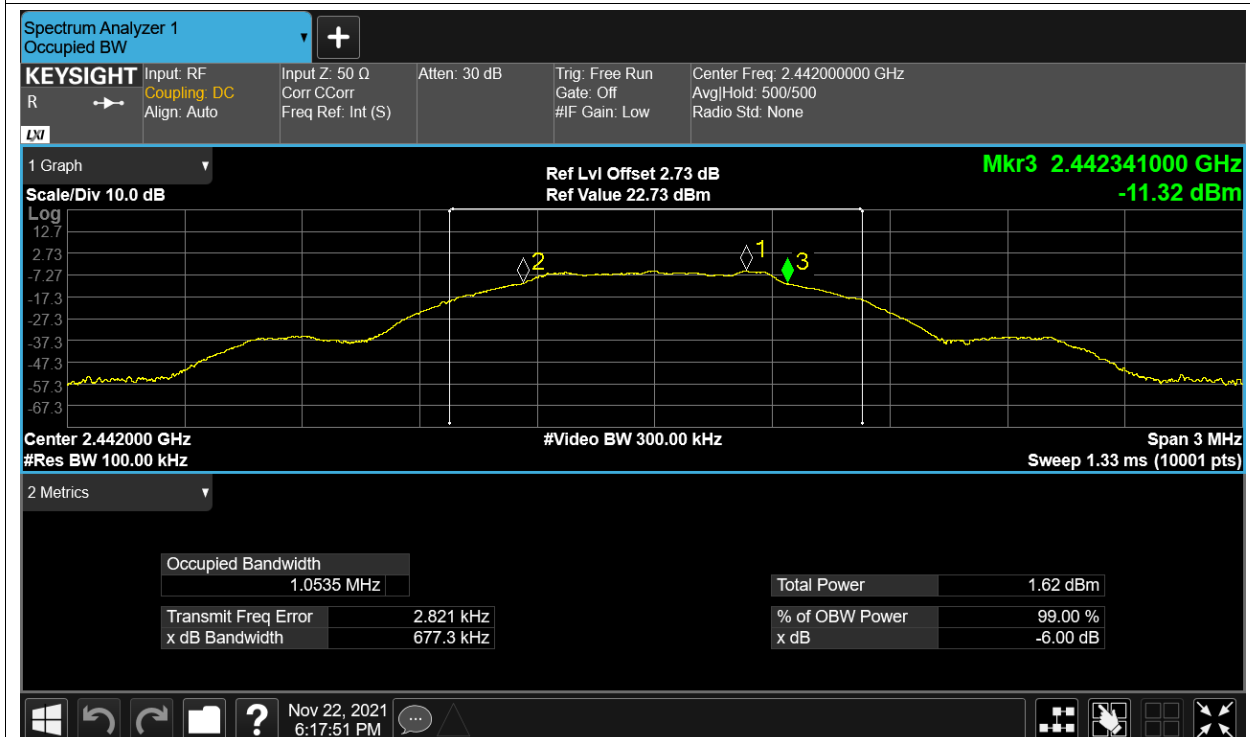
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 0.663                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 0.677                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 0.664                 | 0.5                         | Pass    |

## Test Graphs

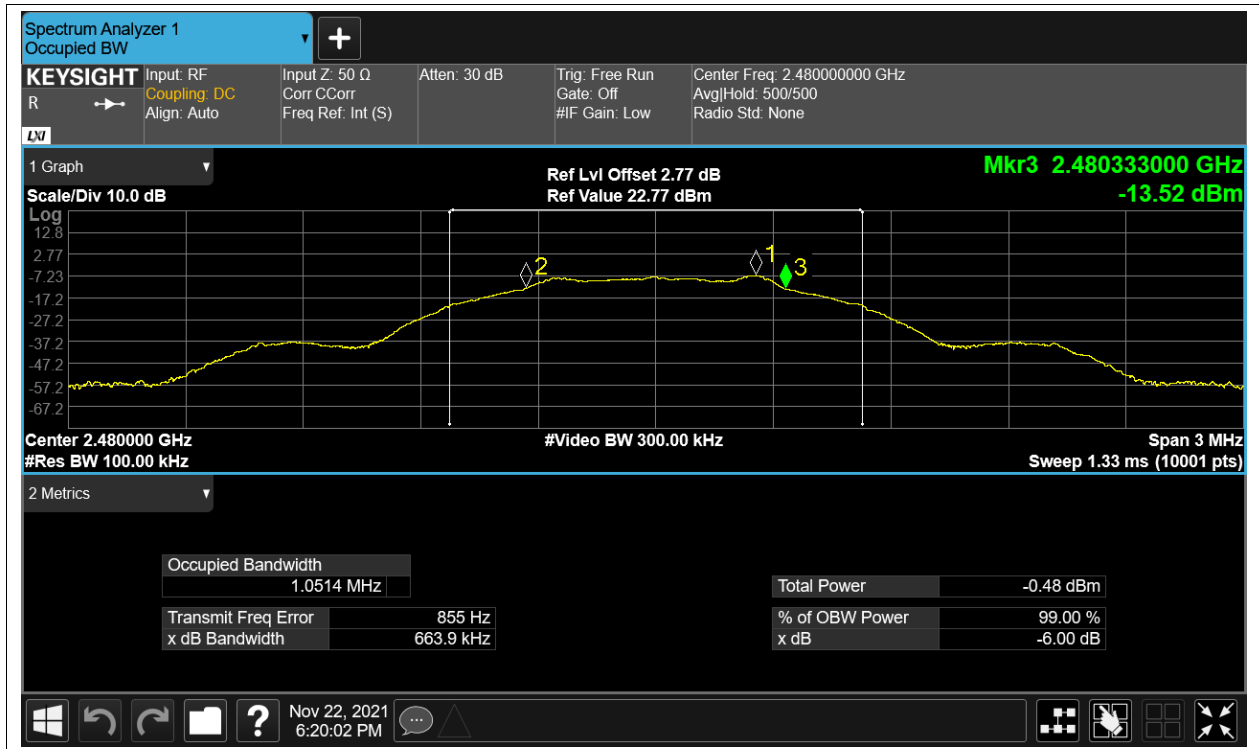
### -6dB Bandwidth NVNT BLE 2402MHz Ant1



### -6dB Bandwidth NVNT BLE 2442MHz Ant1



### -6dB Bandwidth NVNT BLE 2480MHz Ant1

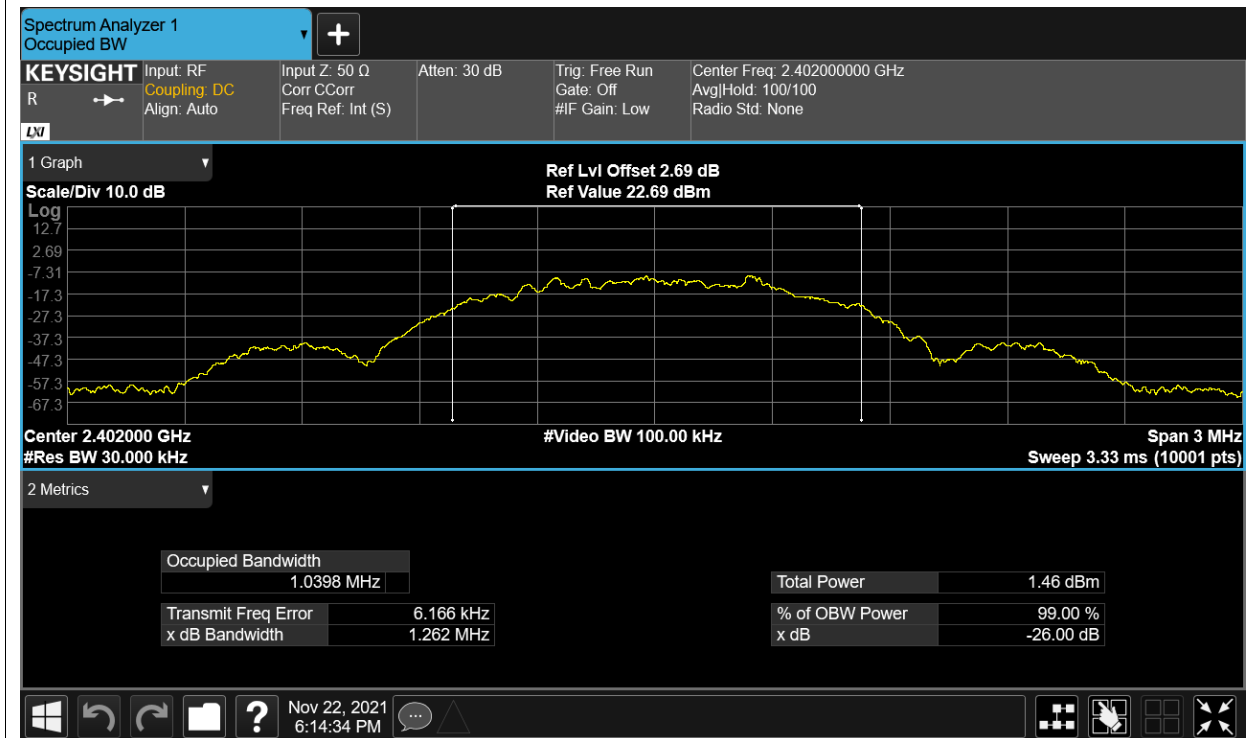


## Occupied Channel Bandwidth

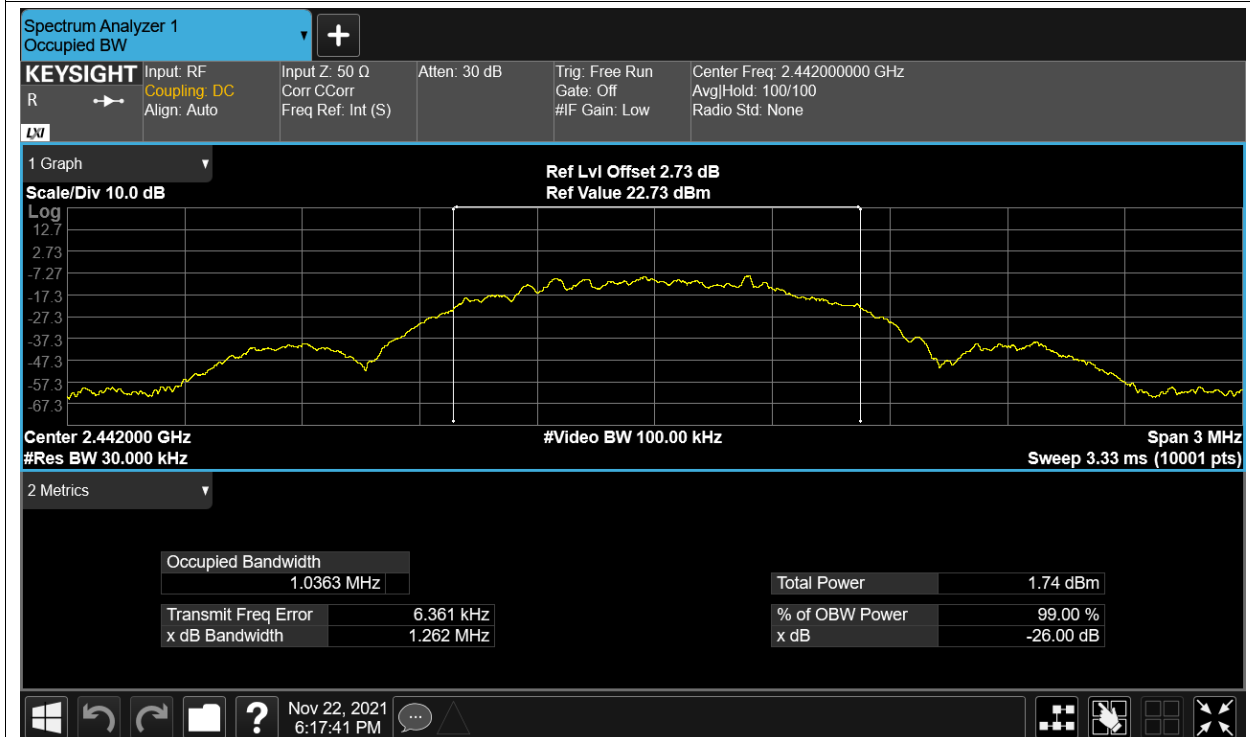
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.039807839   |
| NVNT      | BLE  | 2442            | Ant1    | 1.036333095   |
| NVNT      | BLE  | 2480            | Ant1    | 1.043926287   |

## Test Graphs

### OBW NVNT BLE 2402MHz Ant1



### OBW NVNT BLE 2442MHz Ant1



### OBW NVNT BLE 2480MHz Ant1

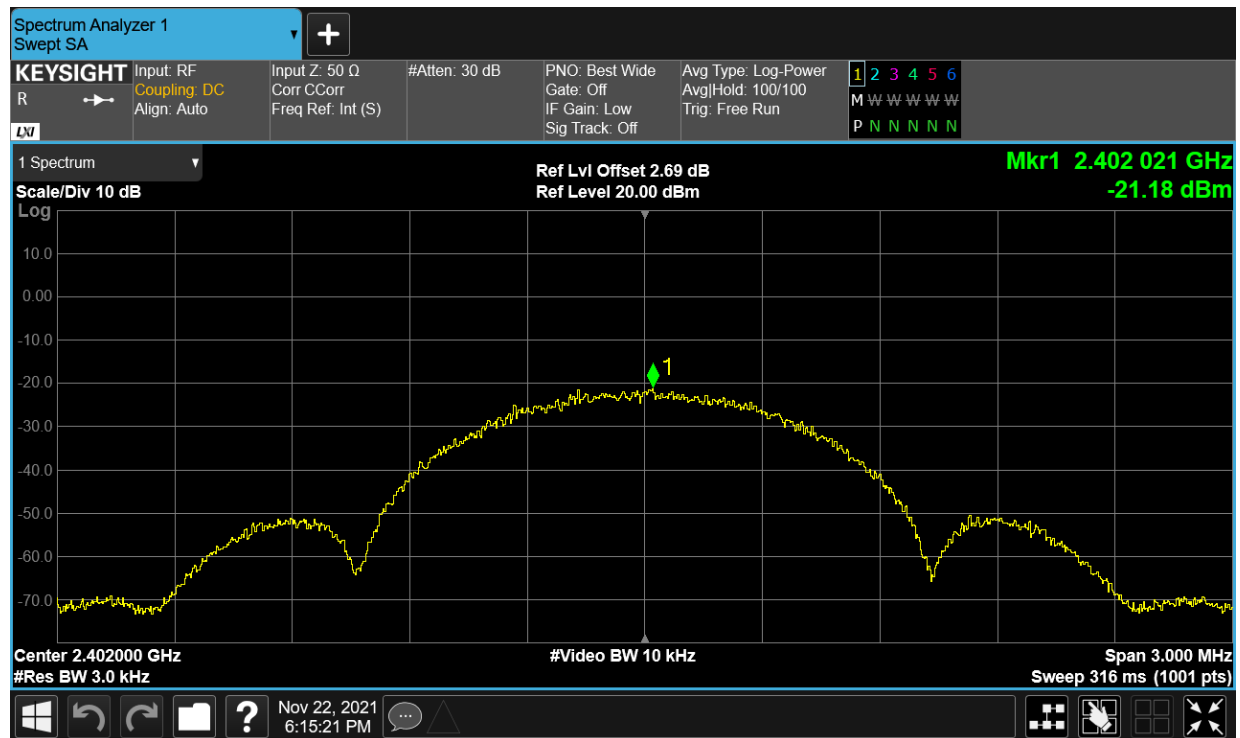


## Maximum Power Spectral Density Level

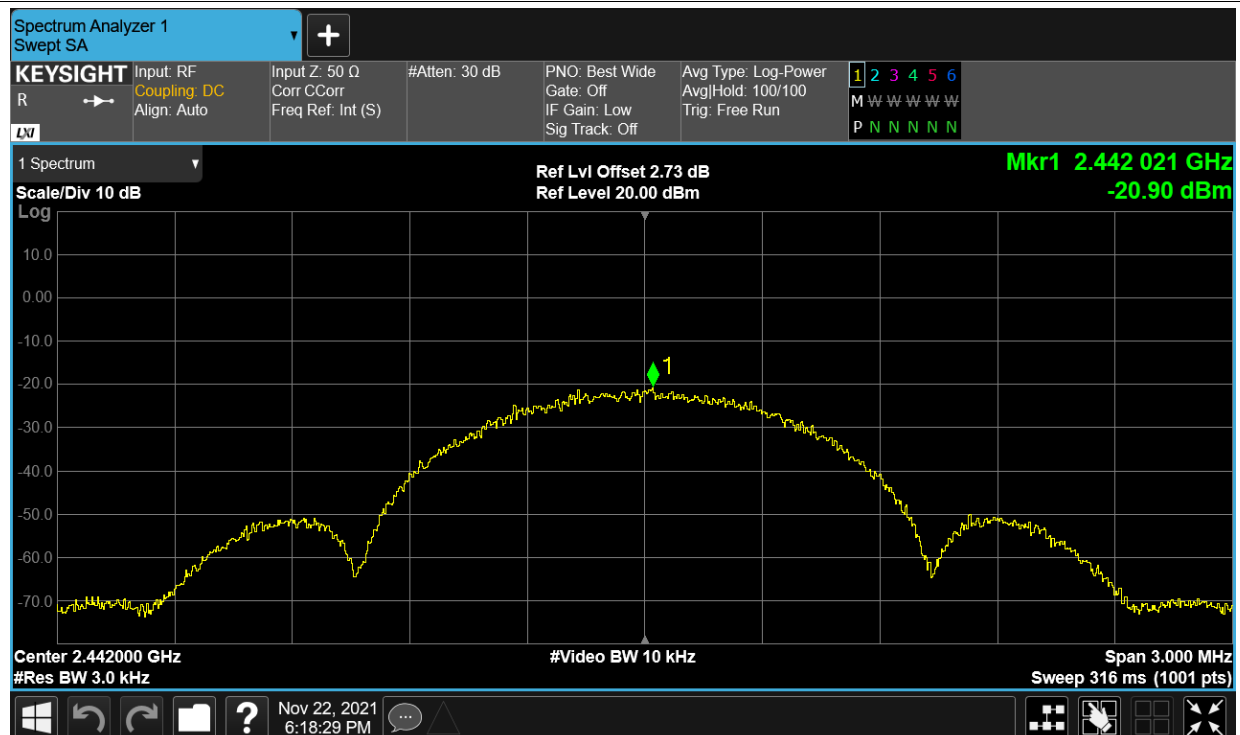
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -21.182       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -20.903       | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -23.111       | 8           | Pass    |

## Test Graphs

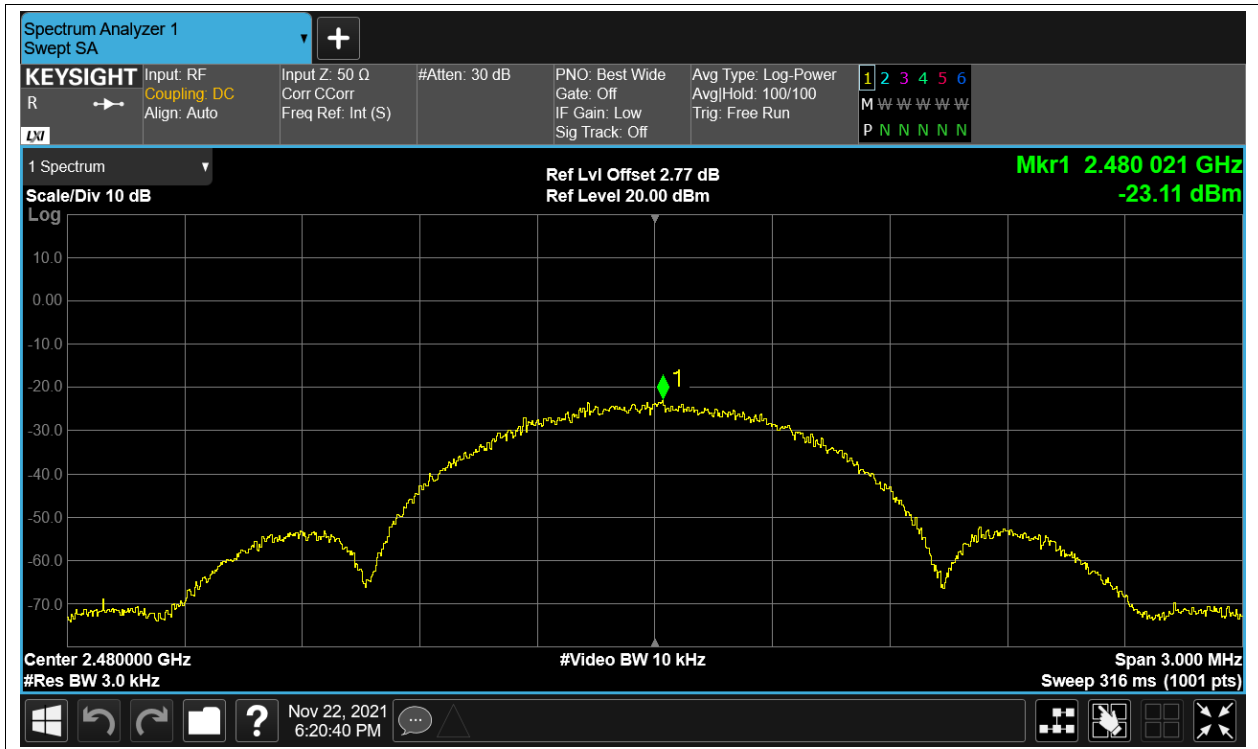
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1

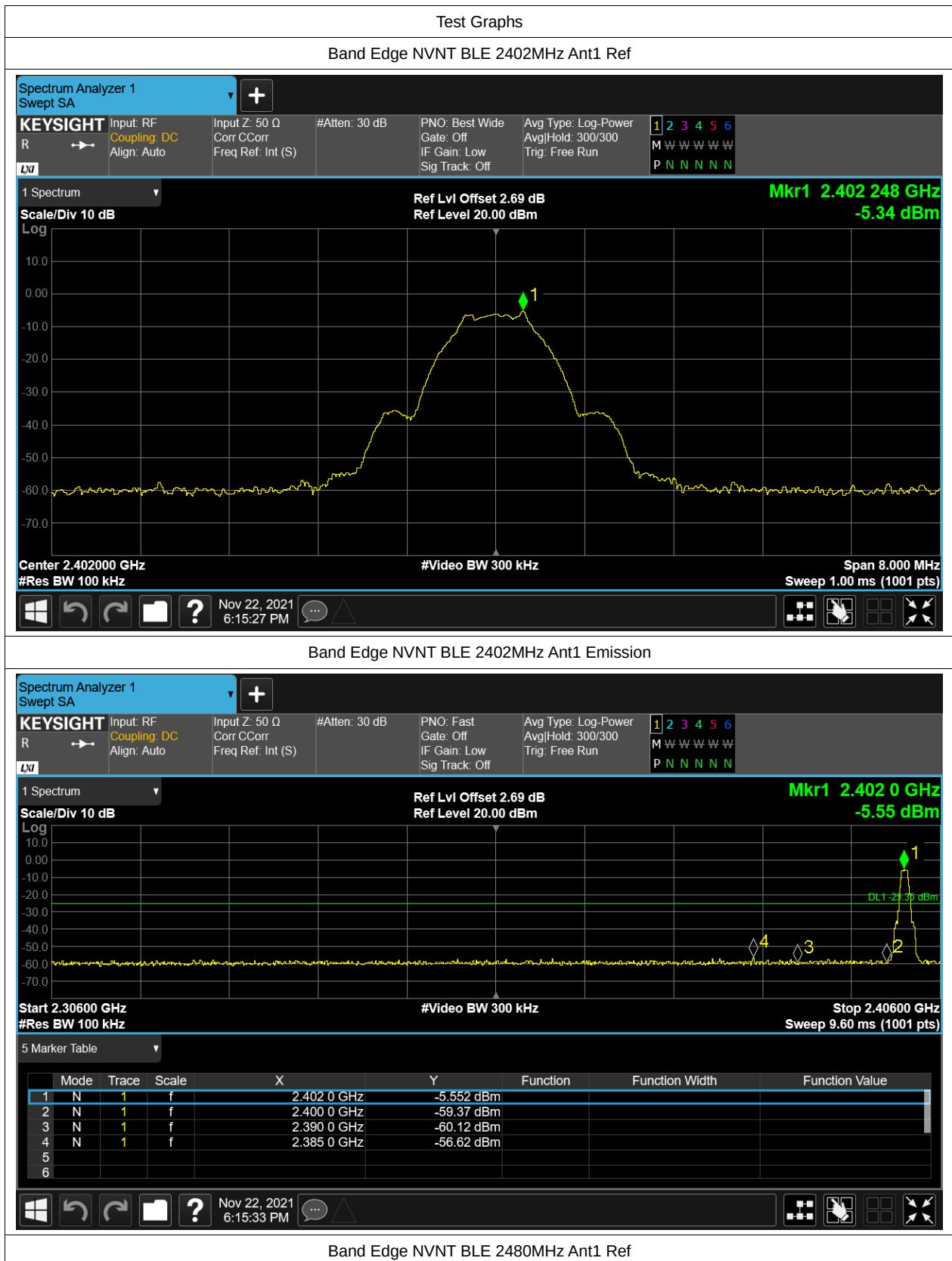


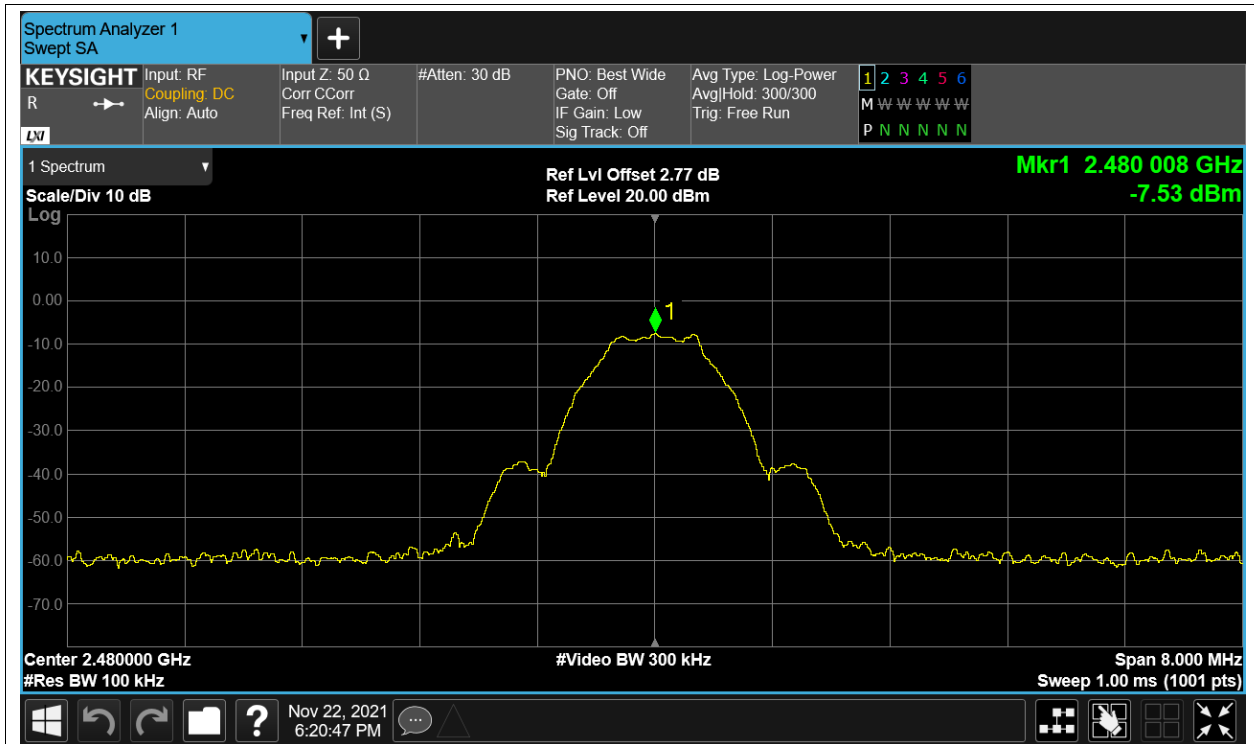
PSD NVNT BLE 2480MHz Ant1



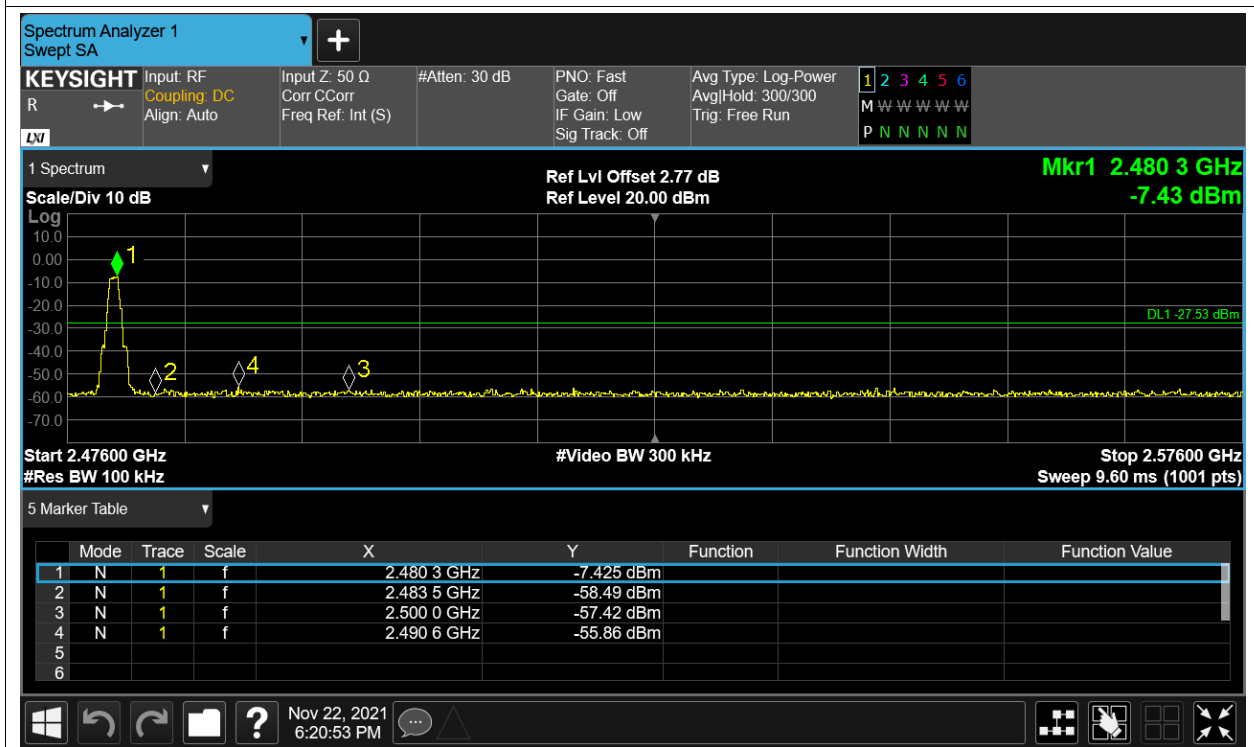
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -51.27          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -48.32          | -20         | Pass    |





Band Edge NVNT BLE 2480MHz Ant1 Emission

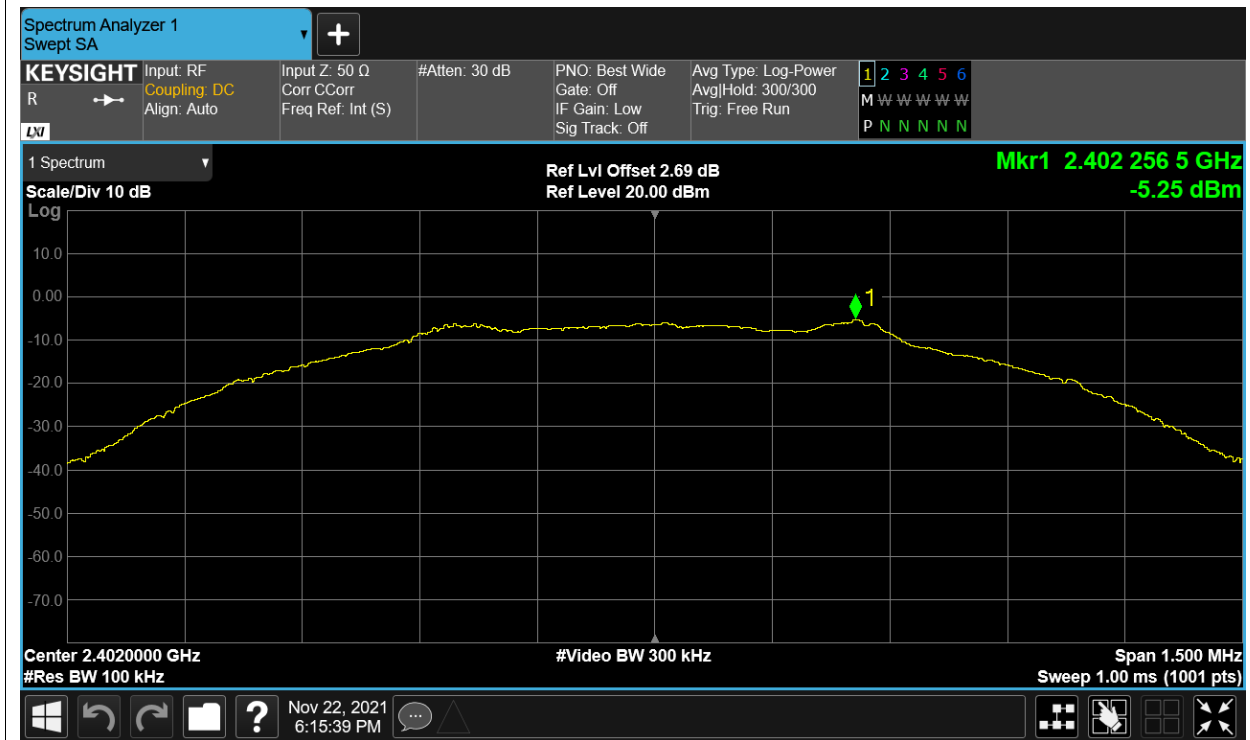


## Conducted RF Spurious Emission

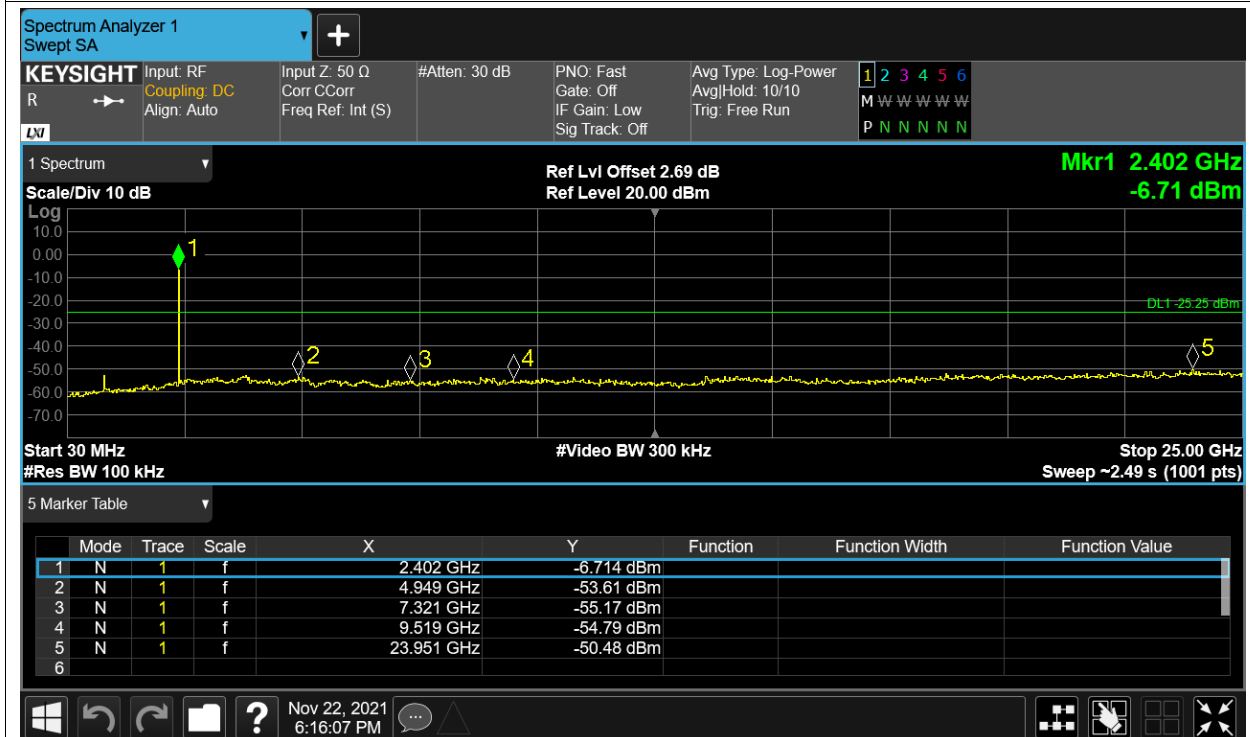
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -45.22          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -44.83          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -43.38          | -20         | Pass    |

## Test Graphs

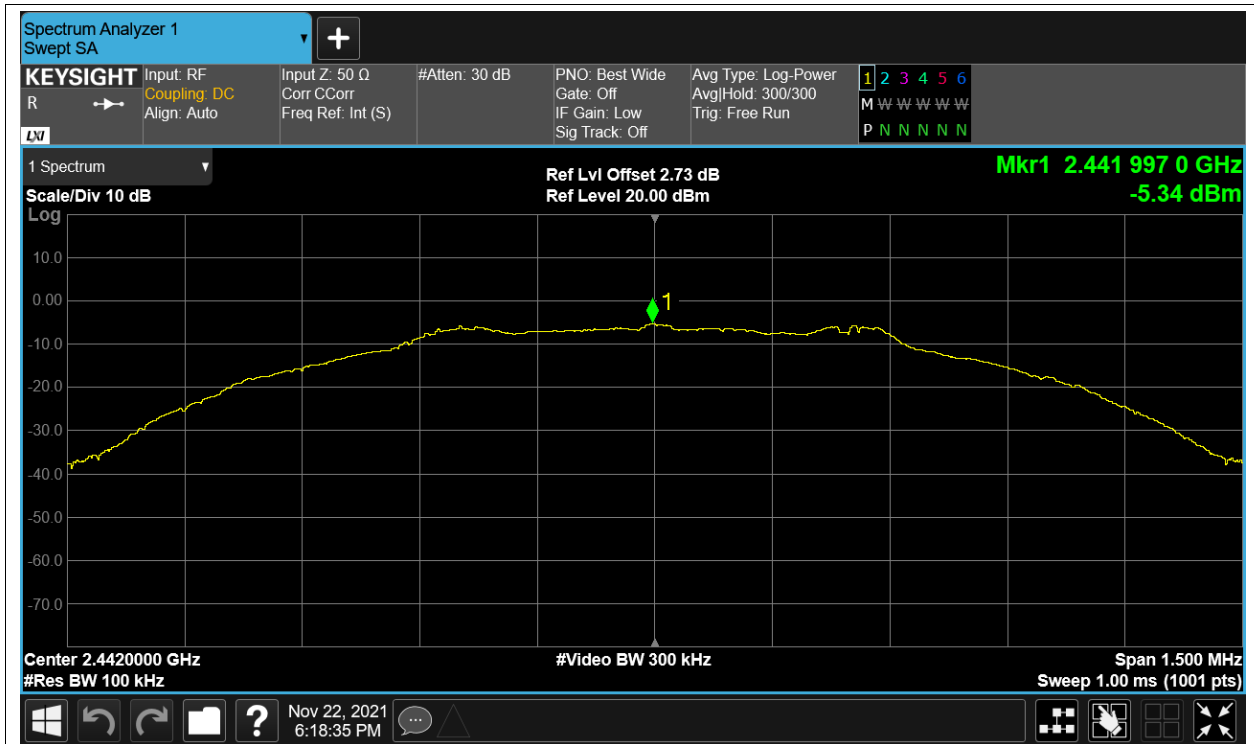
## Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



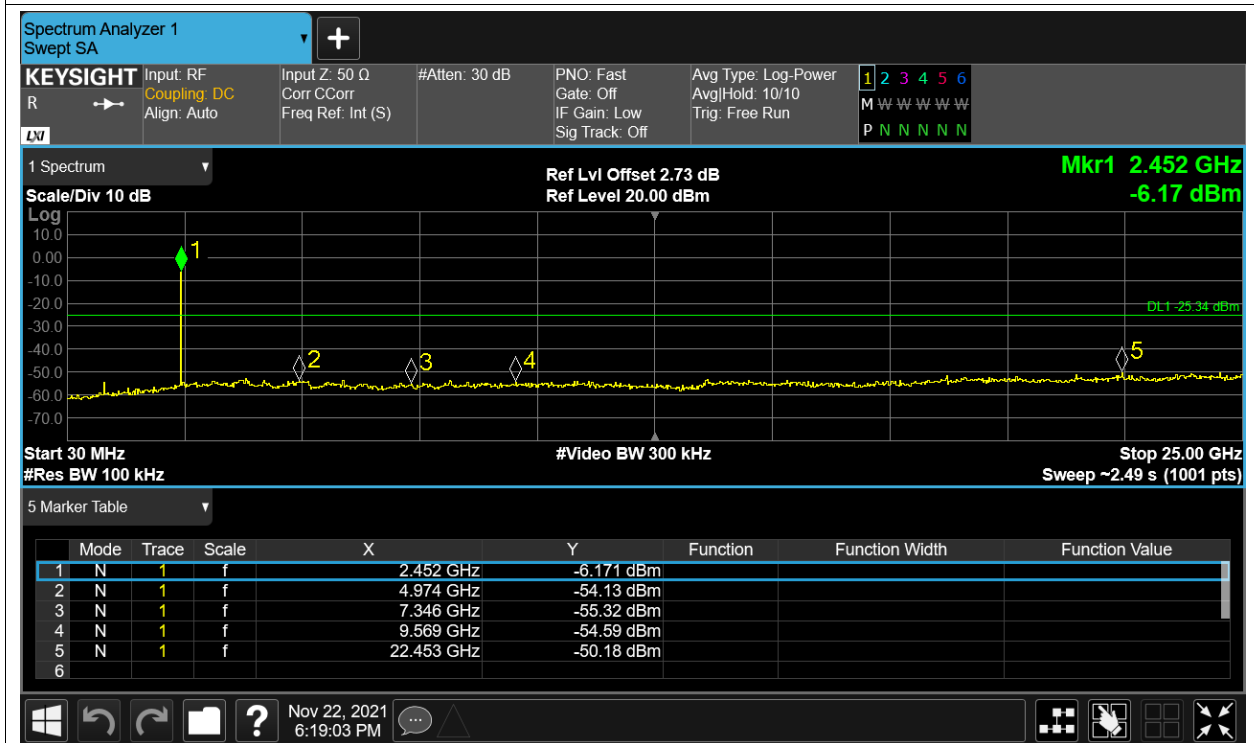
## Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



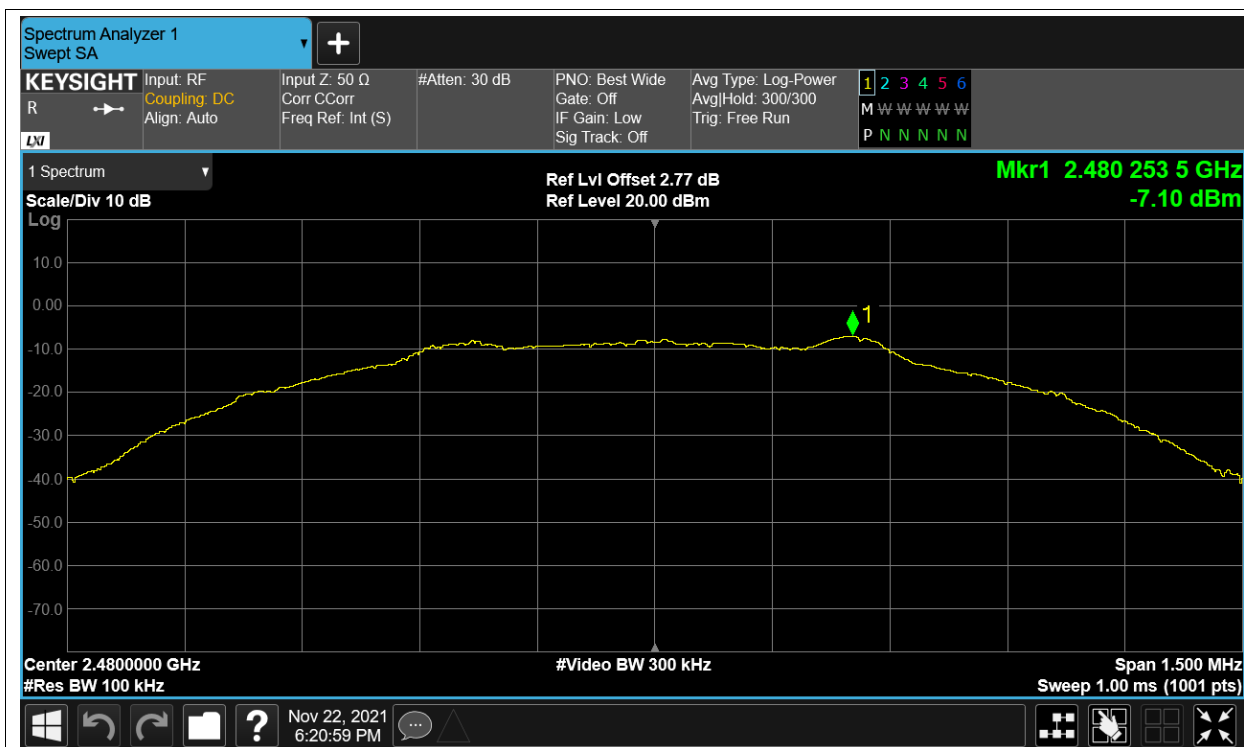
## Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

