

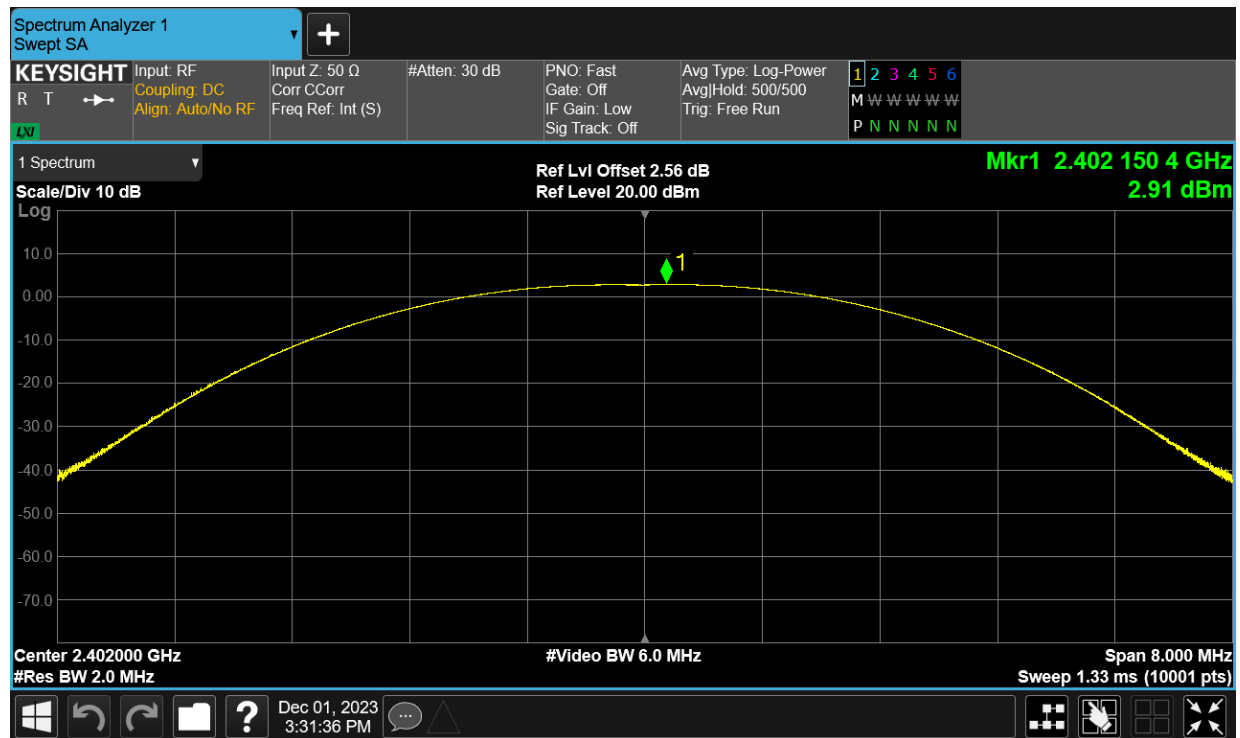
## Test Data

### Maximum Conducted Output Power

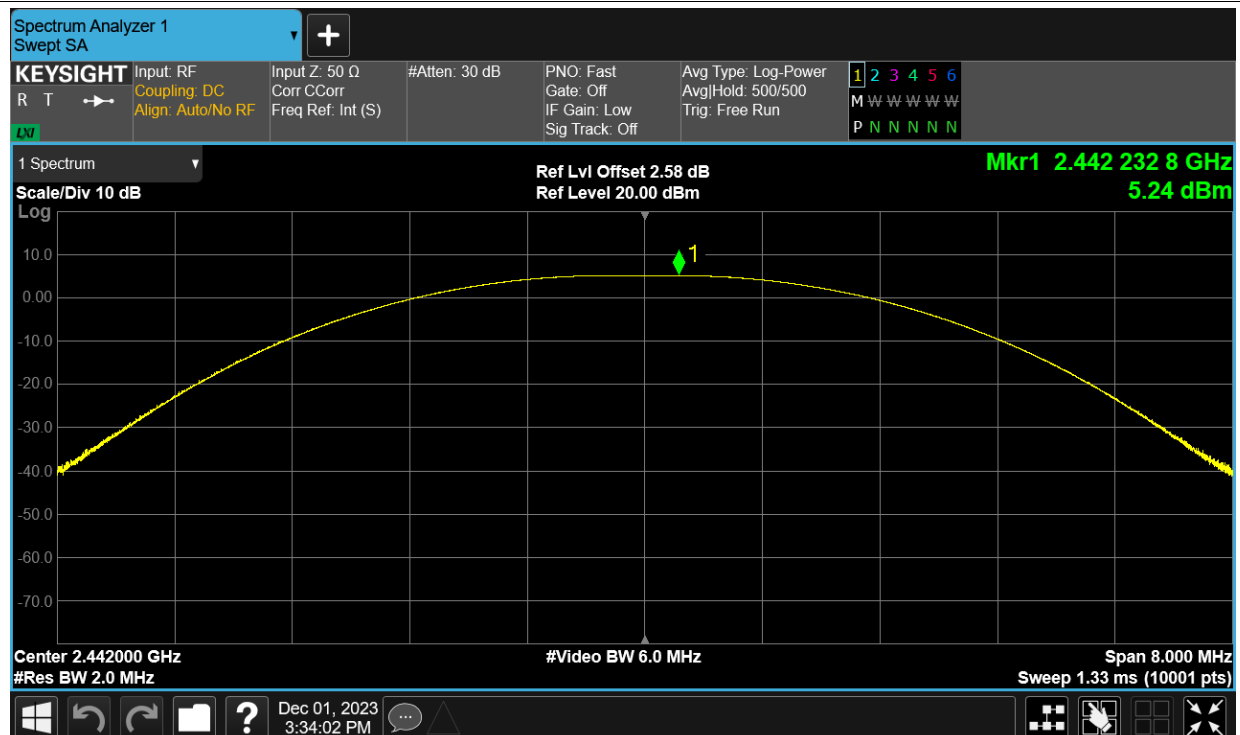
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant13   | 2.914                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant13   | 5.236                 | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant13   | 4.269                 | 30          | Pass    |

Test Graphs

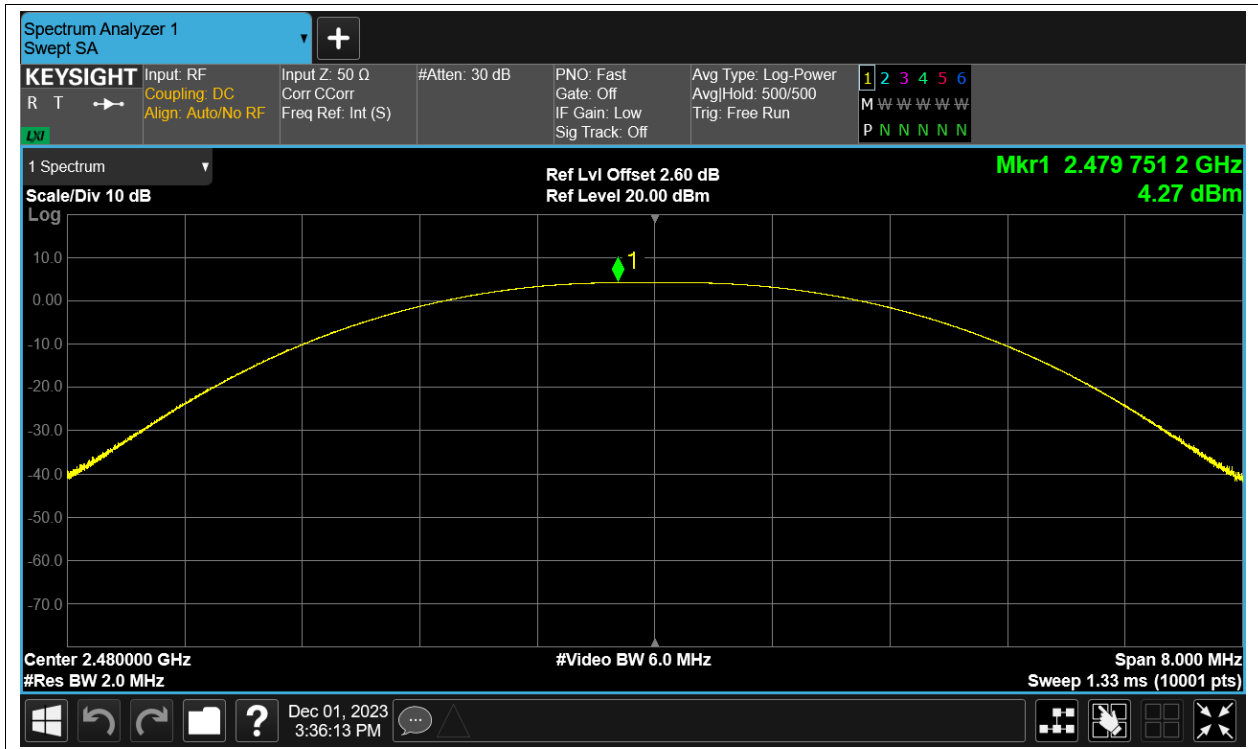
Power NVNT BLE 2402MHz Ant13



Power NVNT BLE 2442MHz Ant13



Power NVNT BLE 2480MHz Ant13



## -6dB Bandwidth

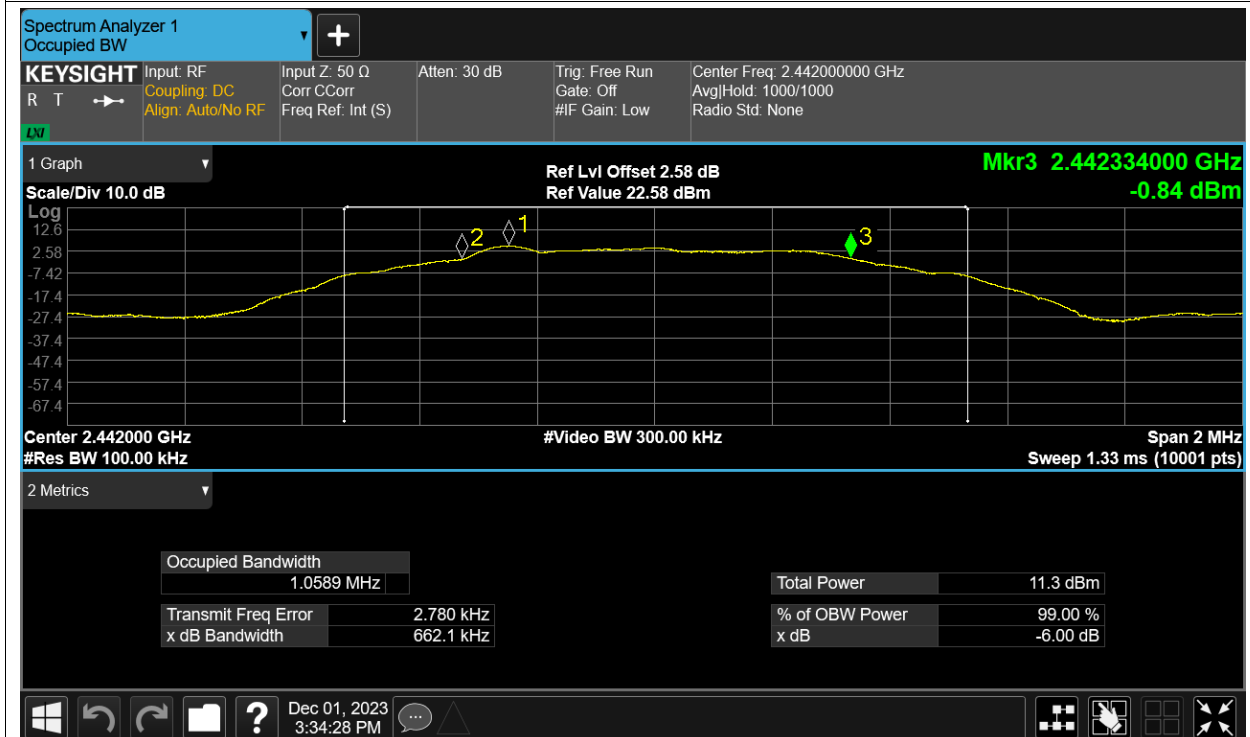
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2402            | Ant13   | 0.661                 | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant13   | 0.662                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant13   | 0.66                  | 0.5   | Pass   |

## Test Graphs

## -6dB Bandwidth NVNT BLE 2402MHz Ant13



## -6dB Bandwidth NVNT BLE 2442MHz Ant13



## -6dB Bandwidth NVNT BLE 2480MHz Ant13

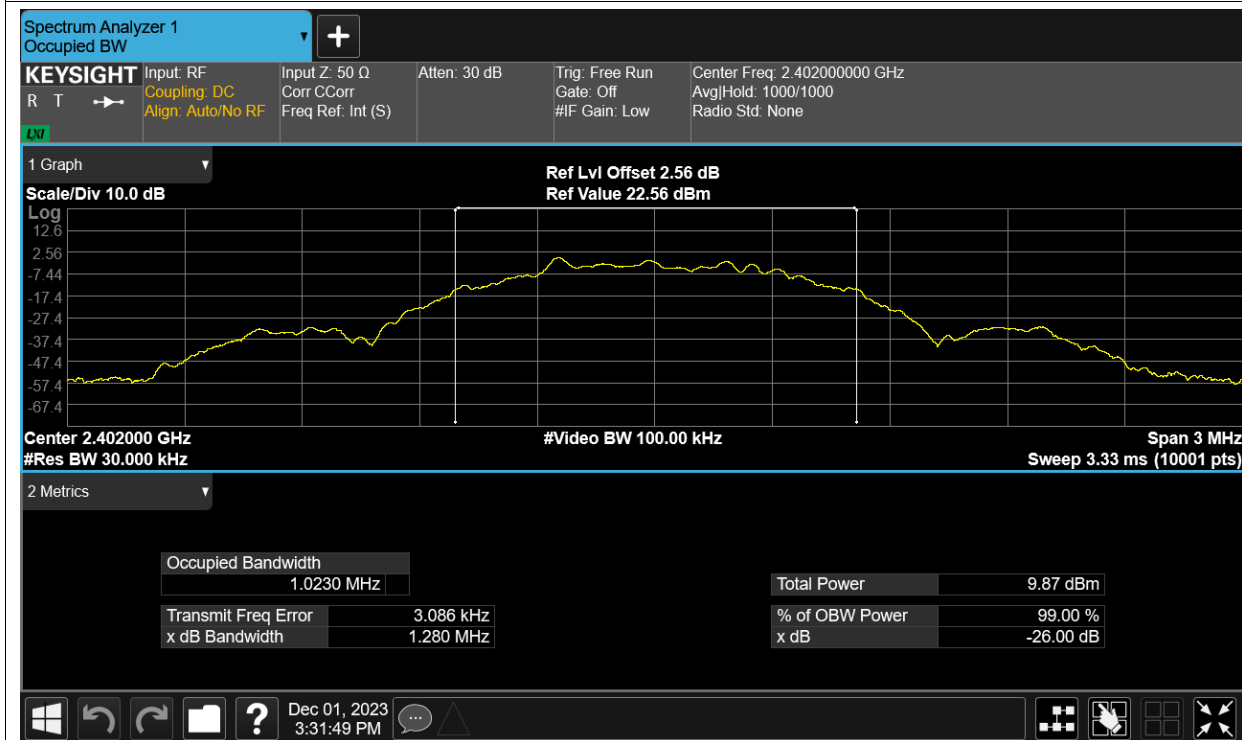


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant13   | 1.023         |
| NVNT      | BLE  | 2442            | Ant13   | 1.026         |
| NVNT      | BLE  | 2480            | Ant13   | 1.026         |

## Test Graphs

## OBW NVNT BLE 2402MHz Ant13



## OBW NVNT BLE 2442MHz Ant13



## OBW NVNT BLE 2480MHz Ant13

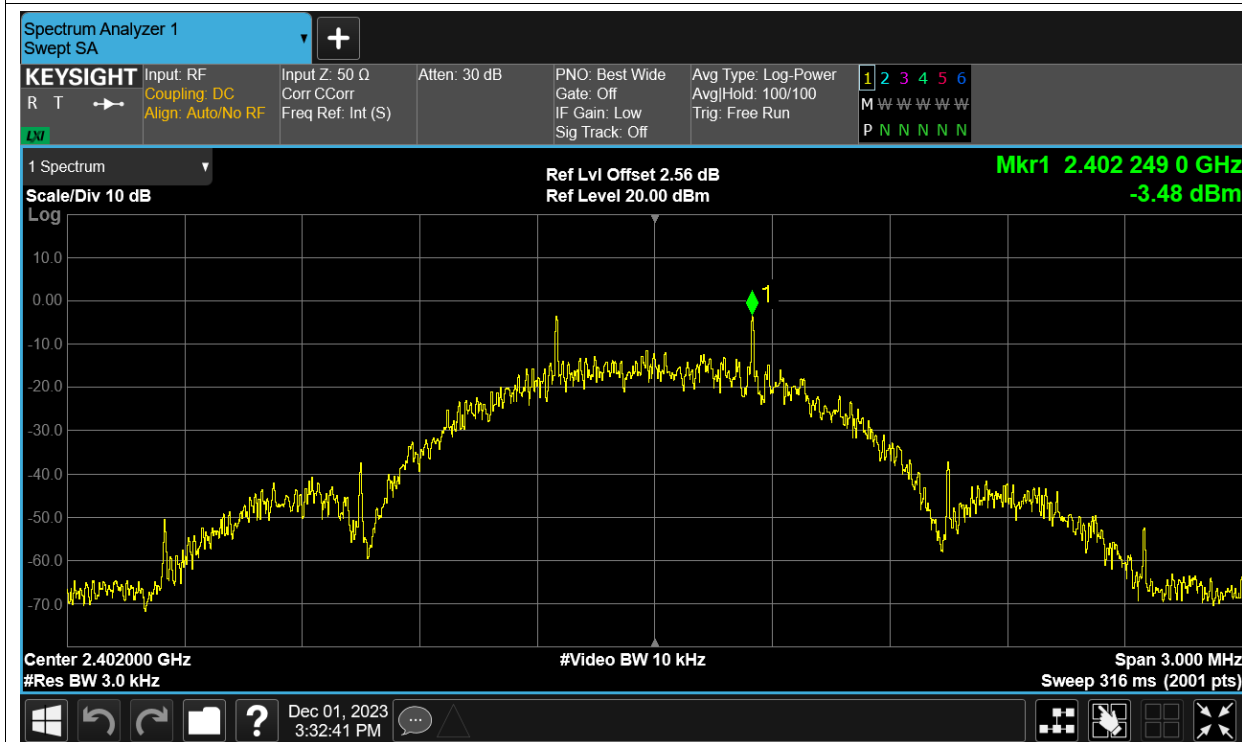


## Maximum Power Spectral Density Level

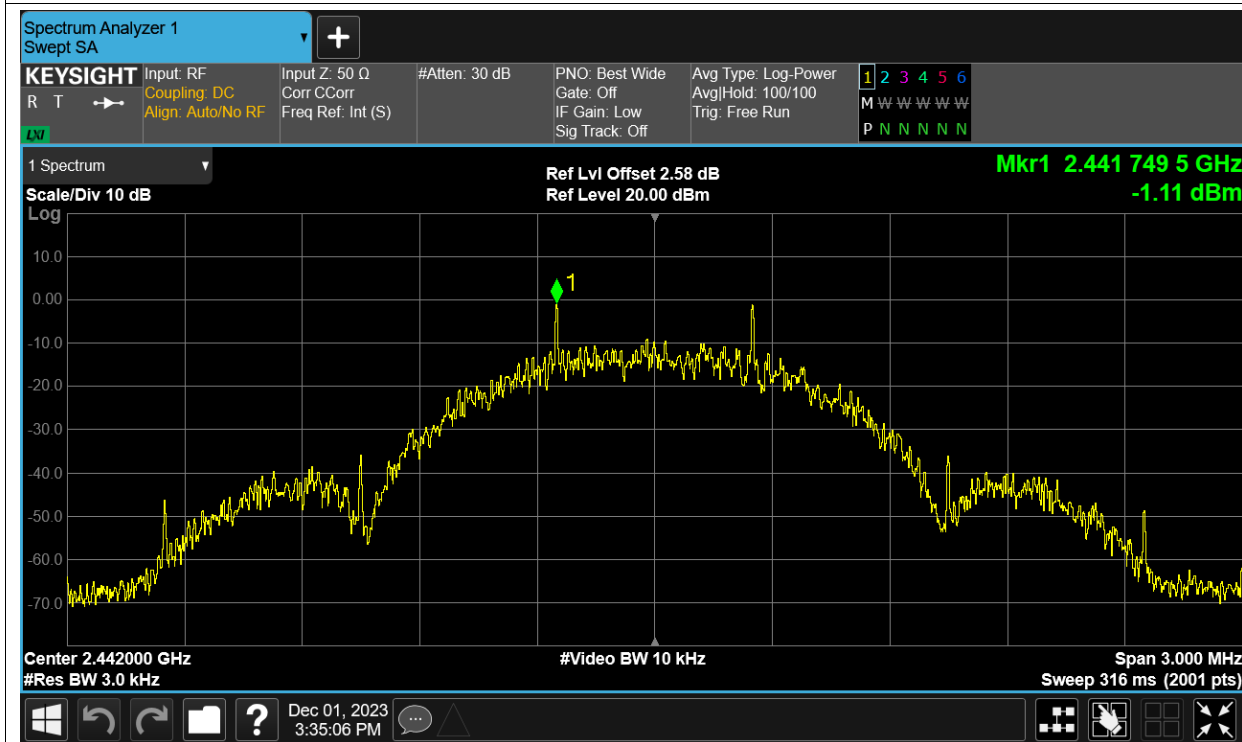
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant13   | -3.476        | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant13   | -1.106        | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant13   | -2.08         | 8           | Pass    |

## Test Graphs

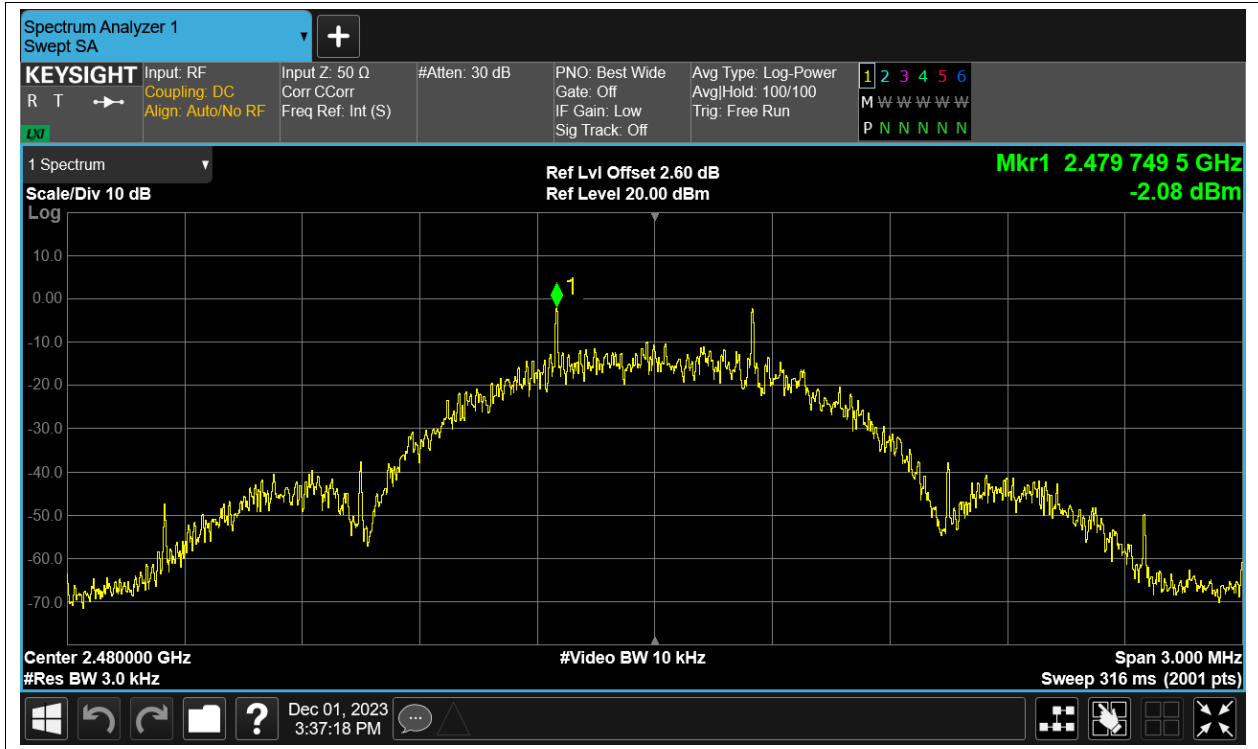
PSD NVNT BLE 2402MHz Ant13



PSD NVNT BLE 2442MHz Ant13



PSD NVNT BLE 2480MHz Ant13

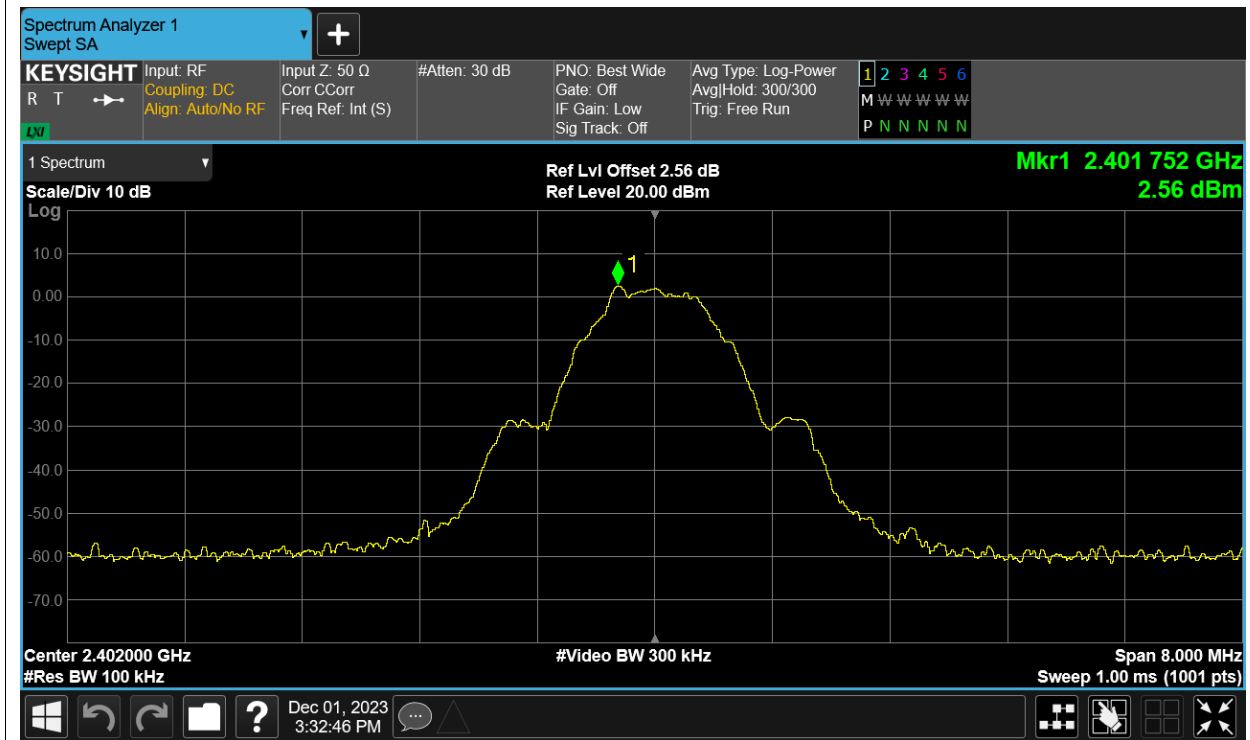


## Band Edge

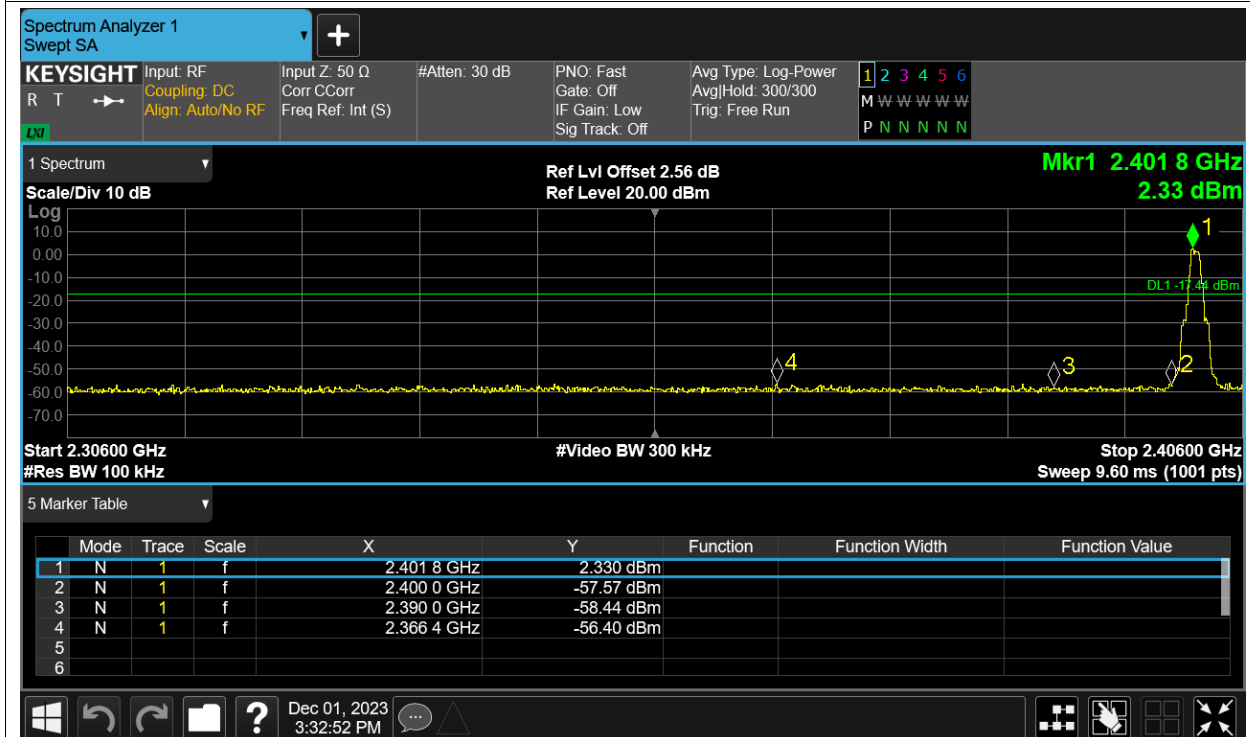
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant13   | -58.96          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant13   | -60.26          | -20         | Pass    |

## Test Graphs

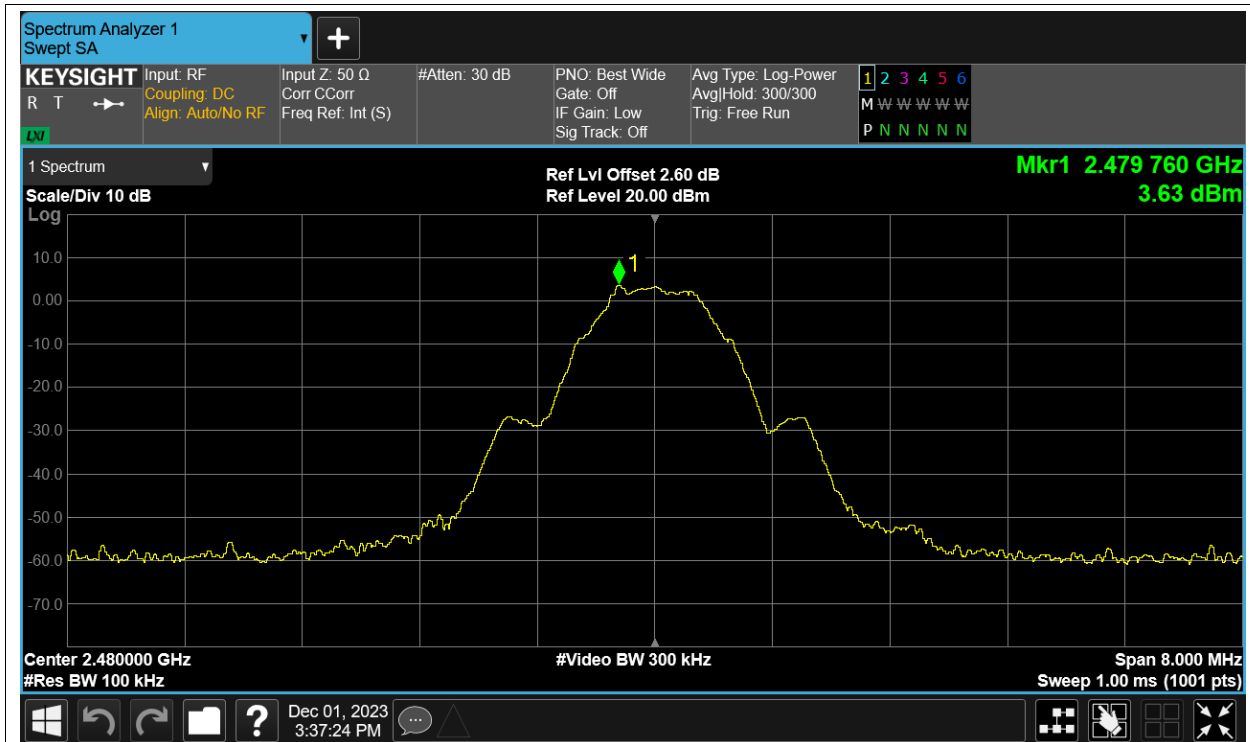
## Band Edge NVNT BLE 2402MHz Ant13 Ref



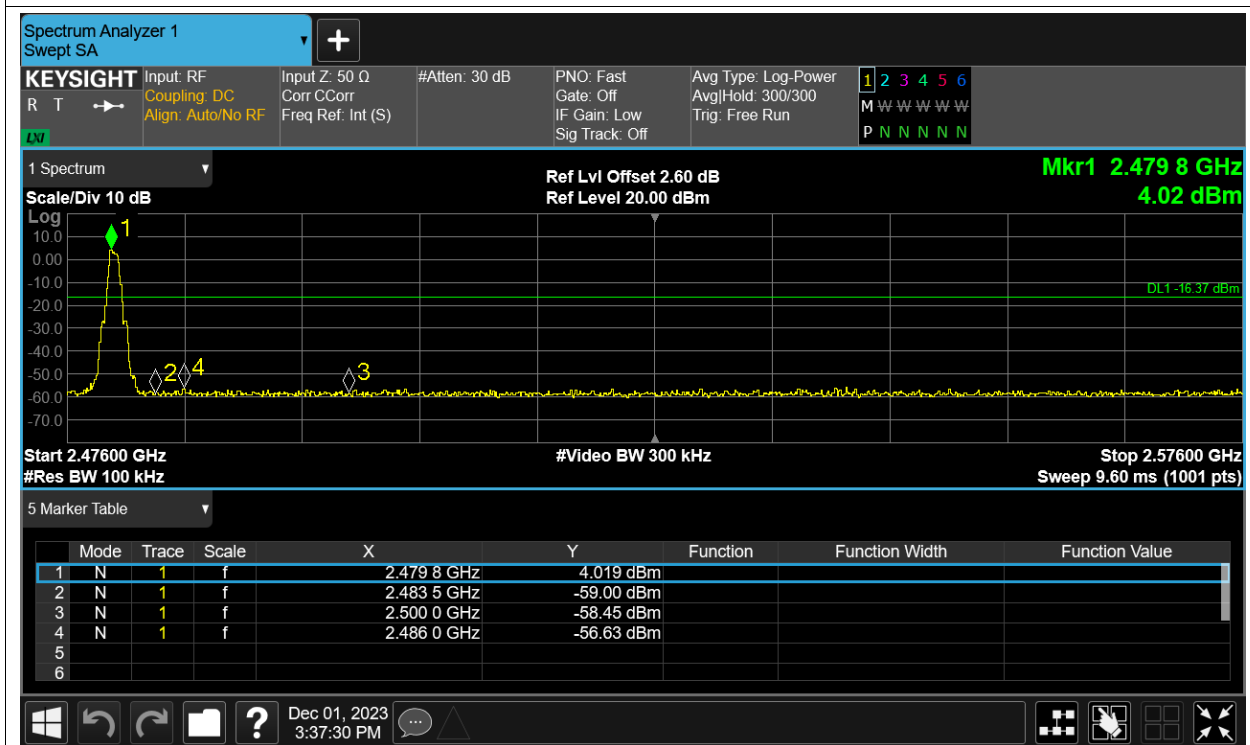
## Band Edge NVNT BLE 2402MHz Ant13 Emission



## Band Edge NVNT BLE 2480MHz Ant13 Ref



Band Edge NVNT BLE 2480MHz Ant13 Emission

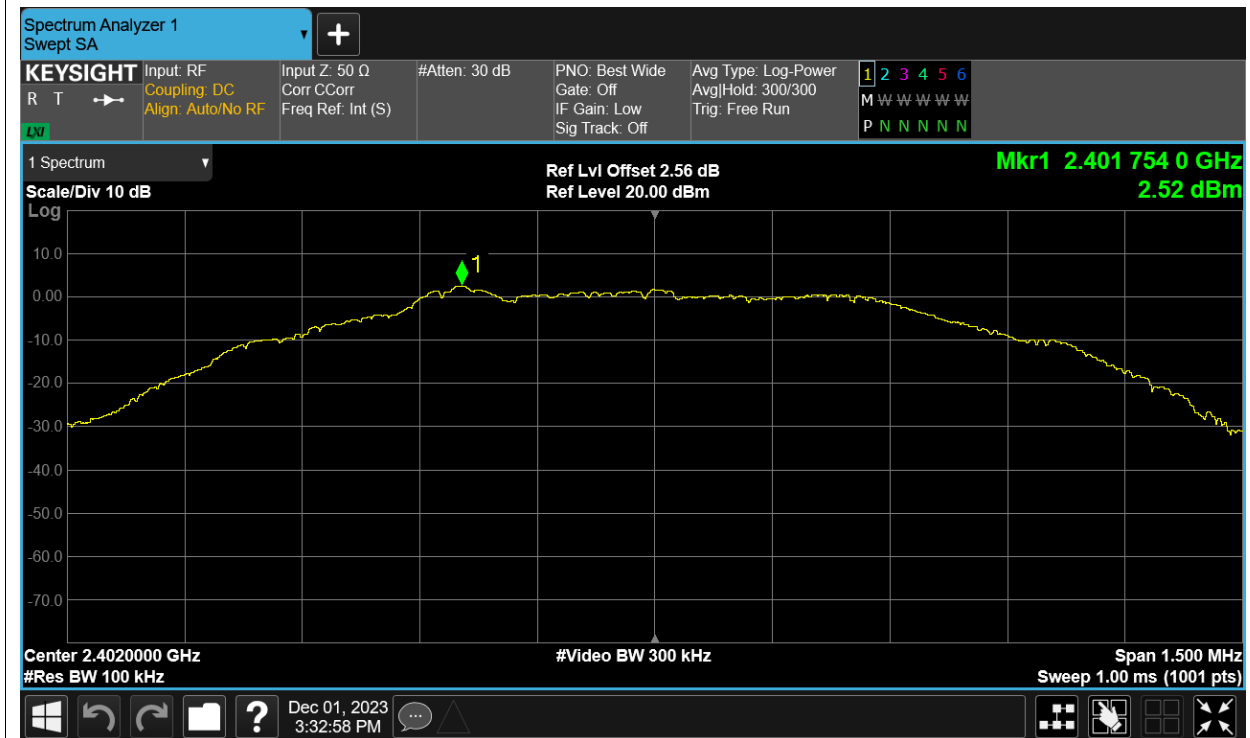


## Conducted RF Spurious Emission

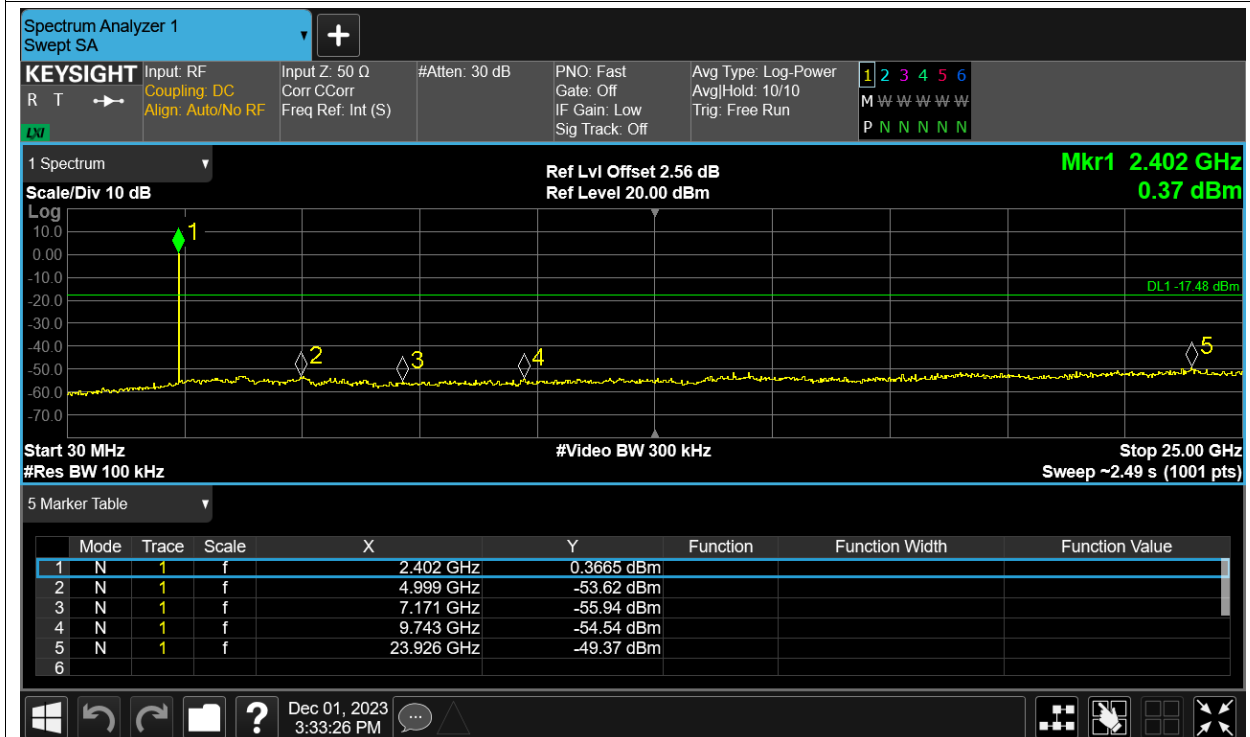
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant13   | -51.89          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant13   | -54.44          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant13   | -53.21          | -20         | Pass    |

## Test Graphs

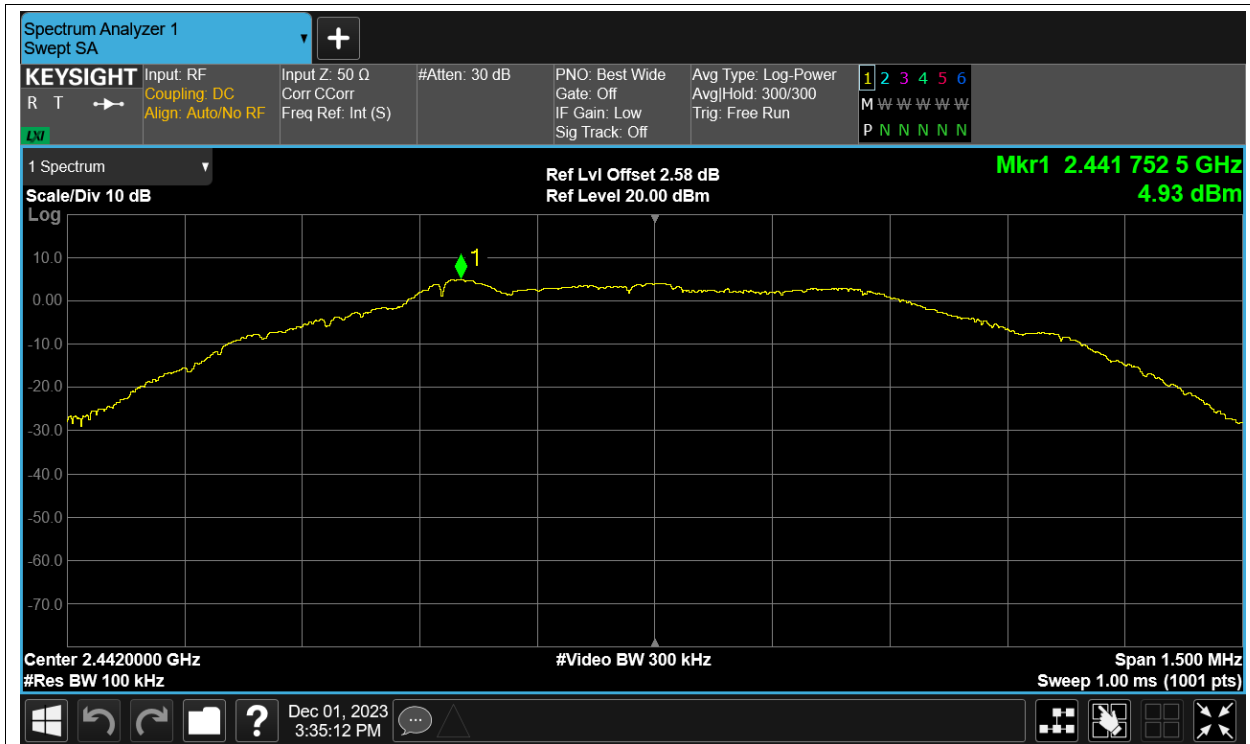
### Tx. Spurious NVNT BLE 2402MHz Ant13 Ref



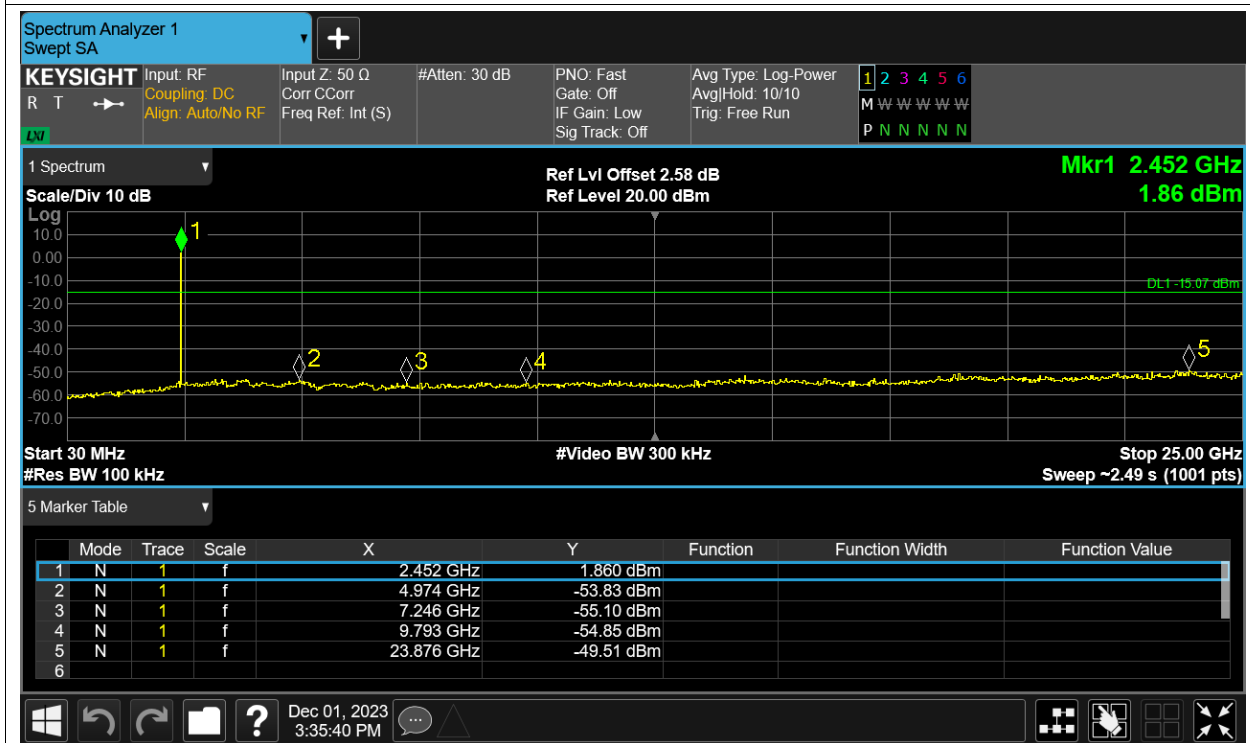
### Tx. Spurious NVNT BLE 2402MHz Ant13 Emission



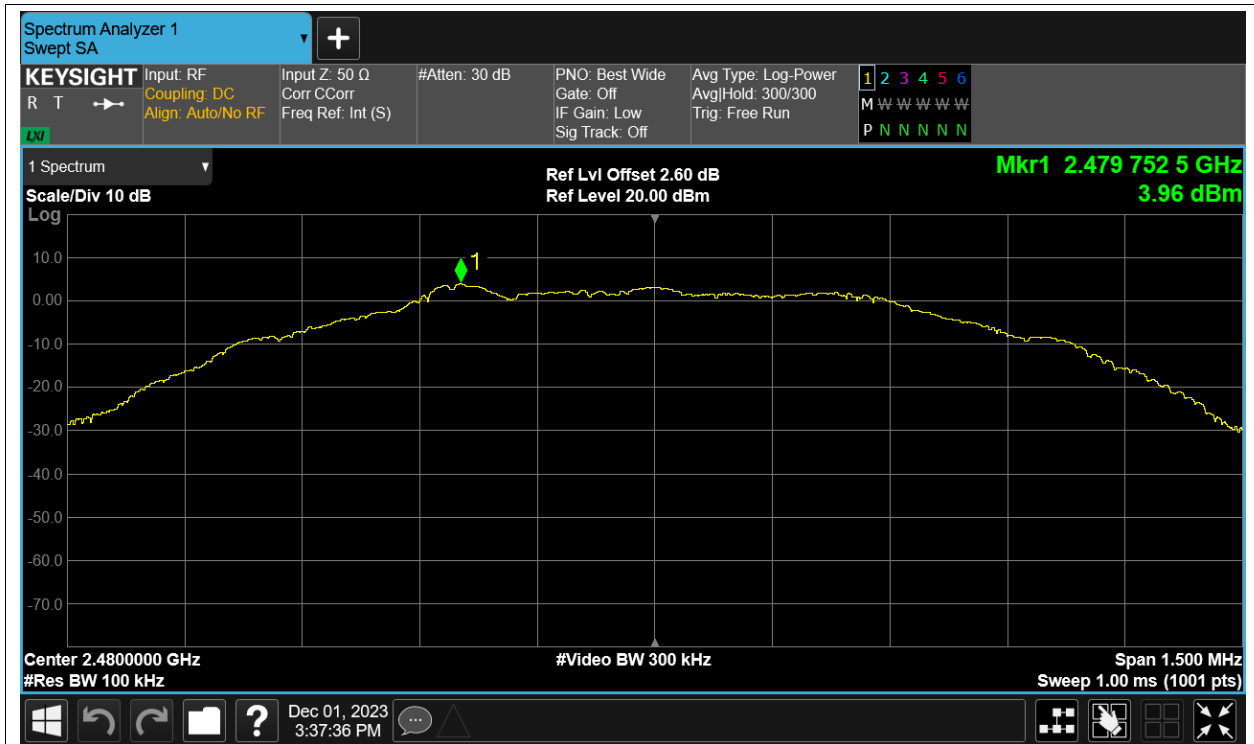
### Tx. Spurious NVNT BLE 2442MHz Ant13 Ref



Tx. Spurious NVNT BLE 2442MHz Ant13 Emission



Tx. Spurious NVNT BLE 2480MHz Ant13 Ref



Tx. Spurious NVNT BLE 2480MHz Ant13 Emission

