

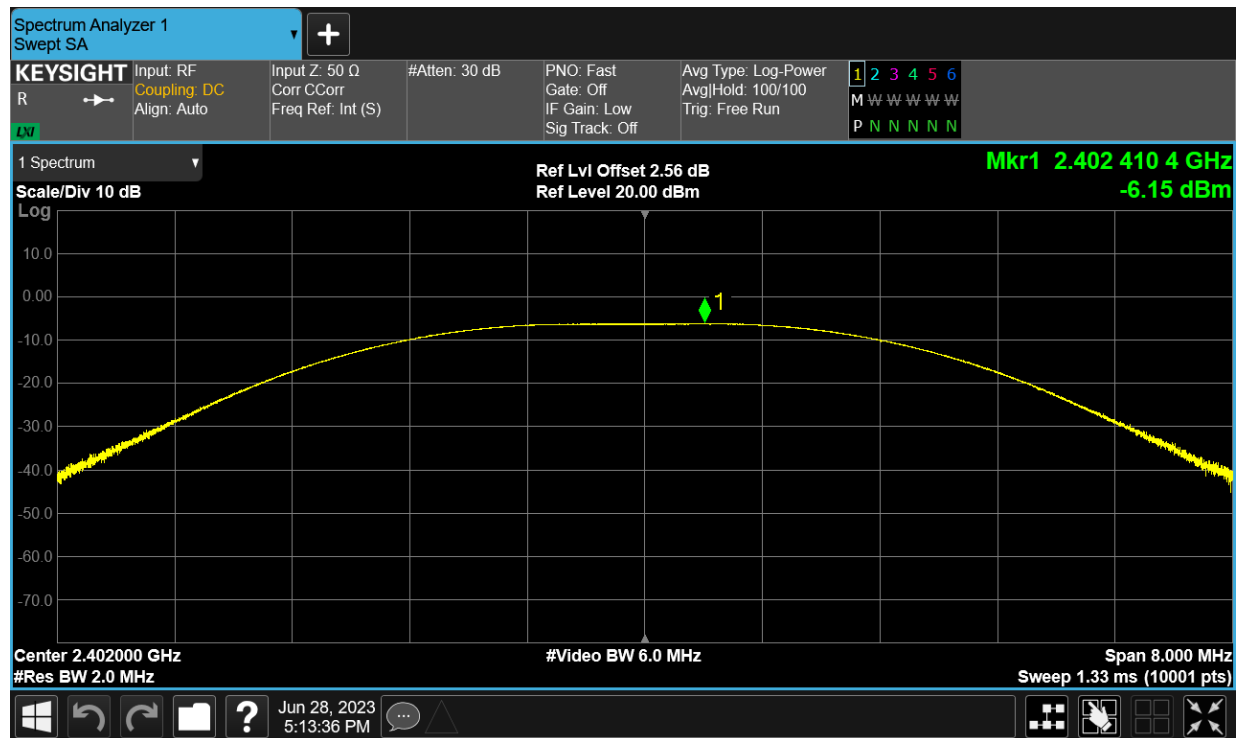
## Test Data

### Maximum Conducted Output Power

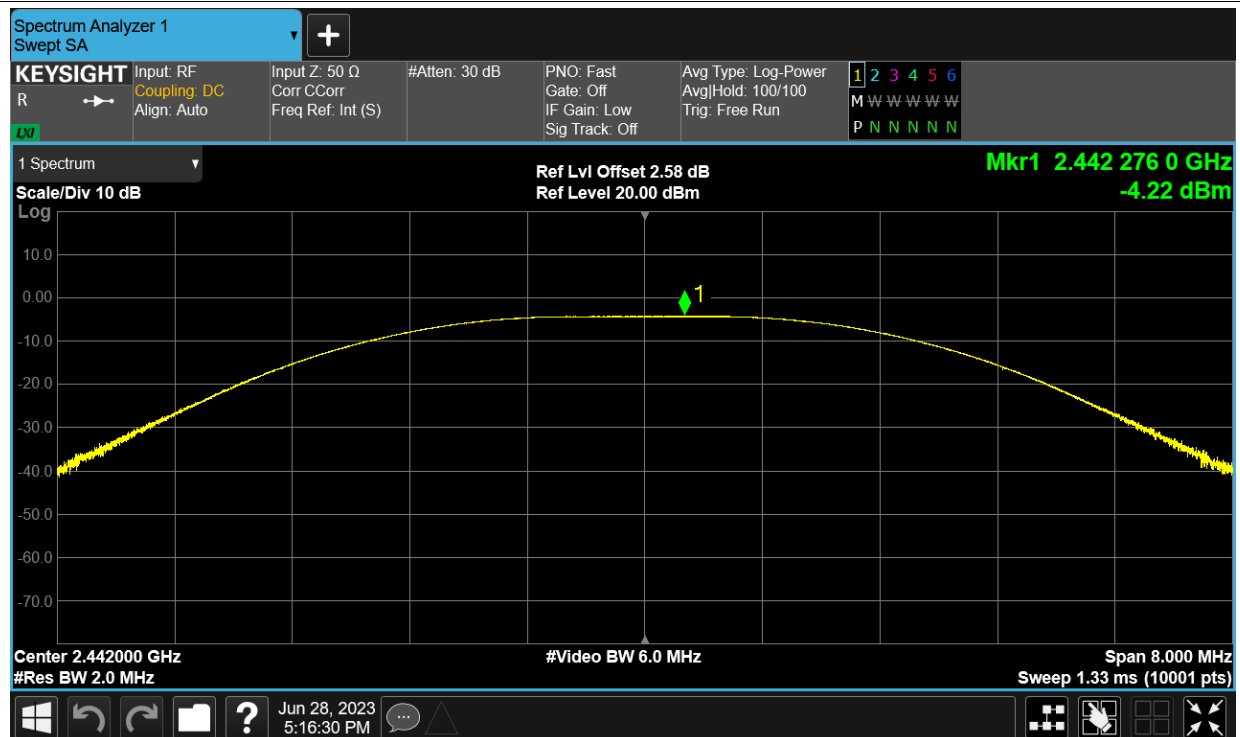
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -6.15                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -4.22                 | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -5.628                | 30          | Pass    |

## Test Graphs

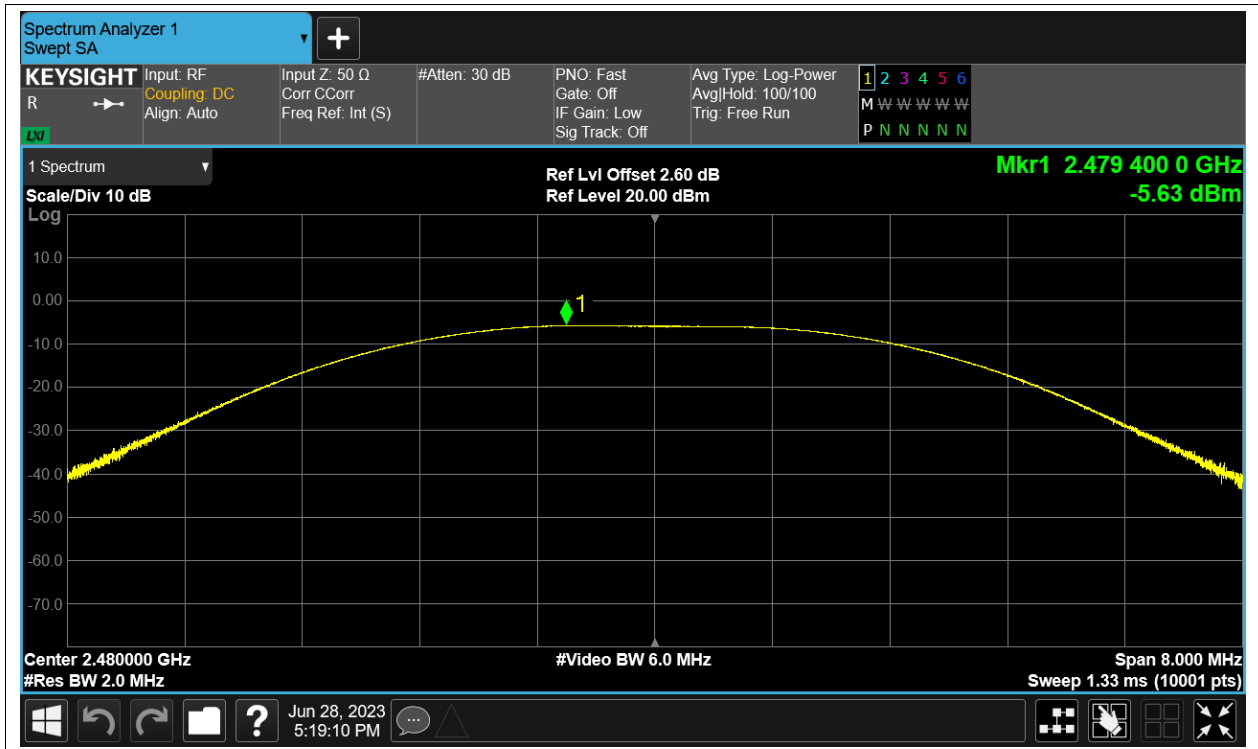
## Power NVNT BLE 2402MHz Ant1



## Power NVNT BLE 2442MHz Ant1



## Power NVNT BLE 2480MHz Ant1

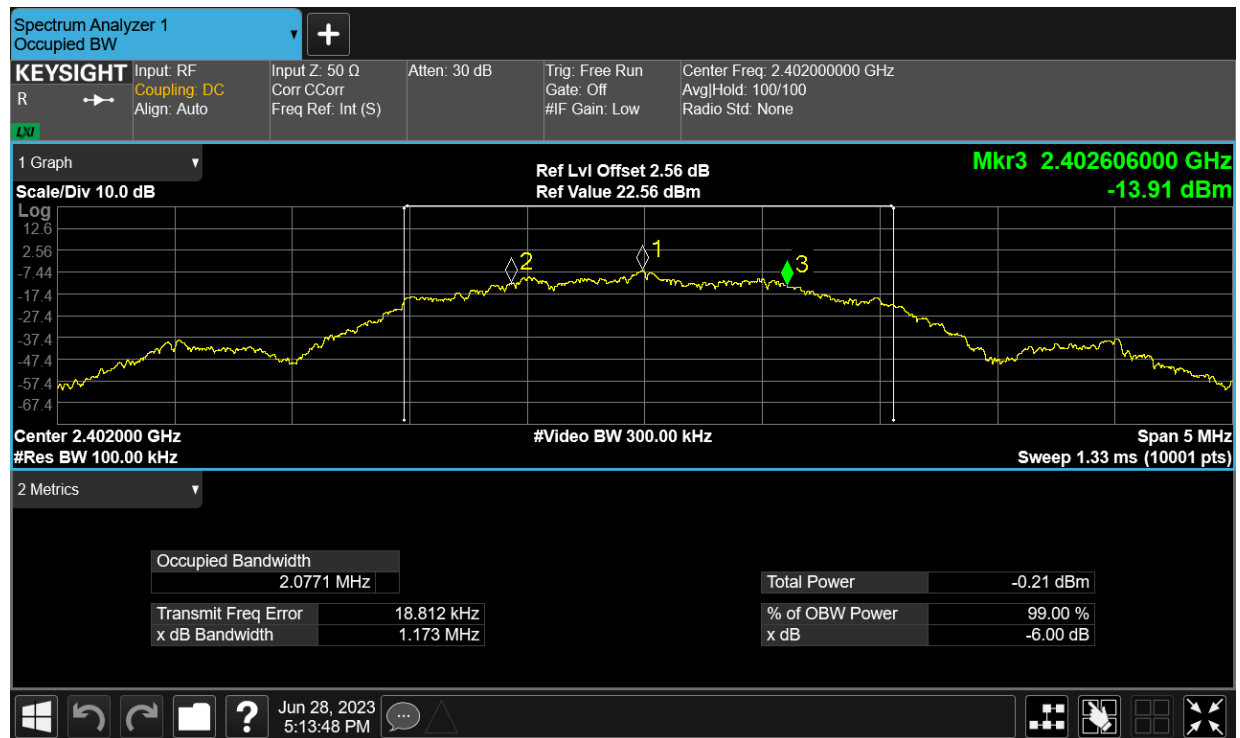


## -6dB Bandwidth

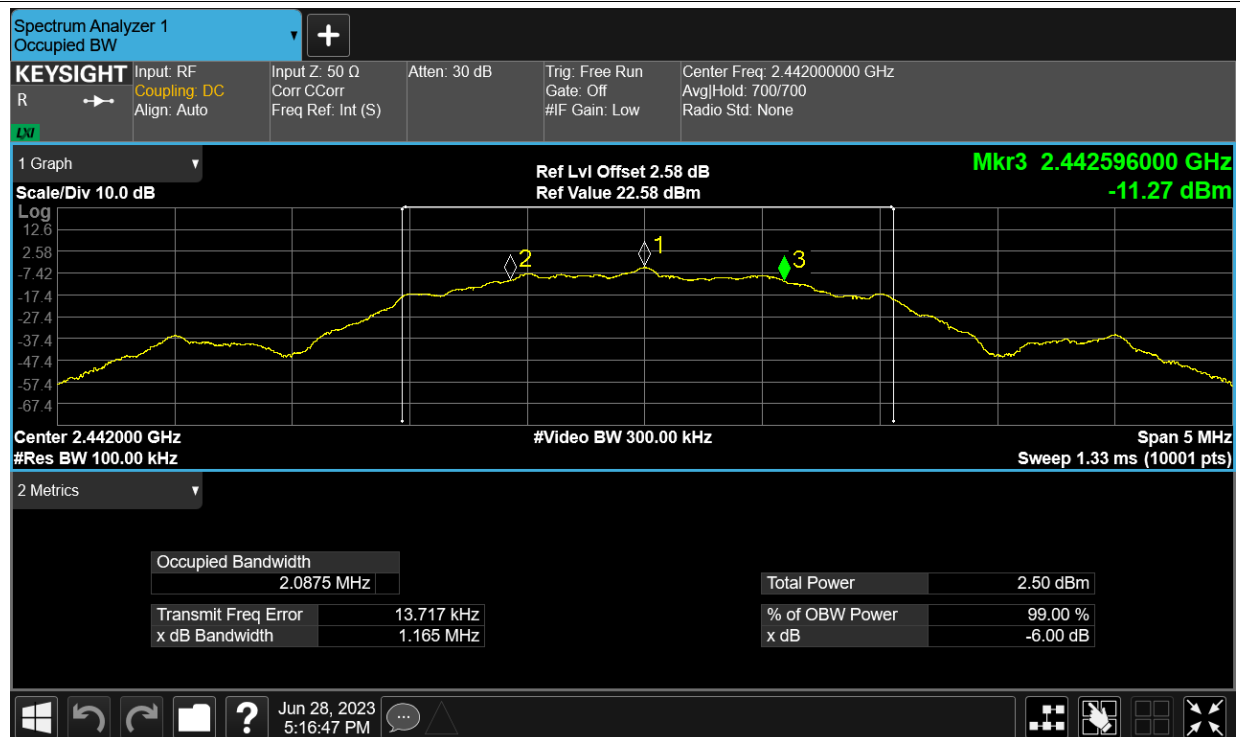
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2402            | Ant1    | 1.173                 | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant1    | 1.165                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant1    | 1.142                 | 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    | 2.083         |
| NVNT      | BLE  | 2442            | Ant1    | 2.075         |
| NVNT      | BLE  | 2480            | Ant1    | 2.077         |

## Test Graphs

## OBW NVNT BLE 2402MHz Ant1



## OBW NVNT BLE 2442MHz Ant1



## OBW NVNT BLE 2480MHz Ant1

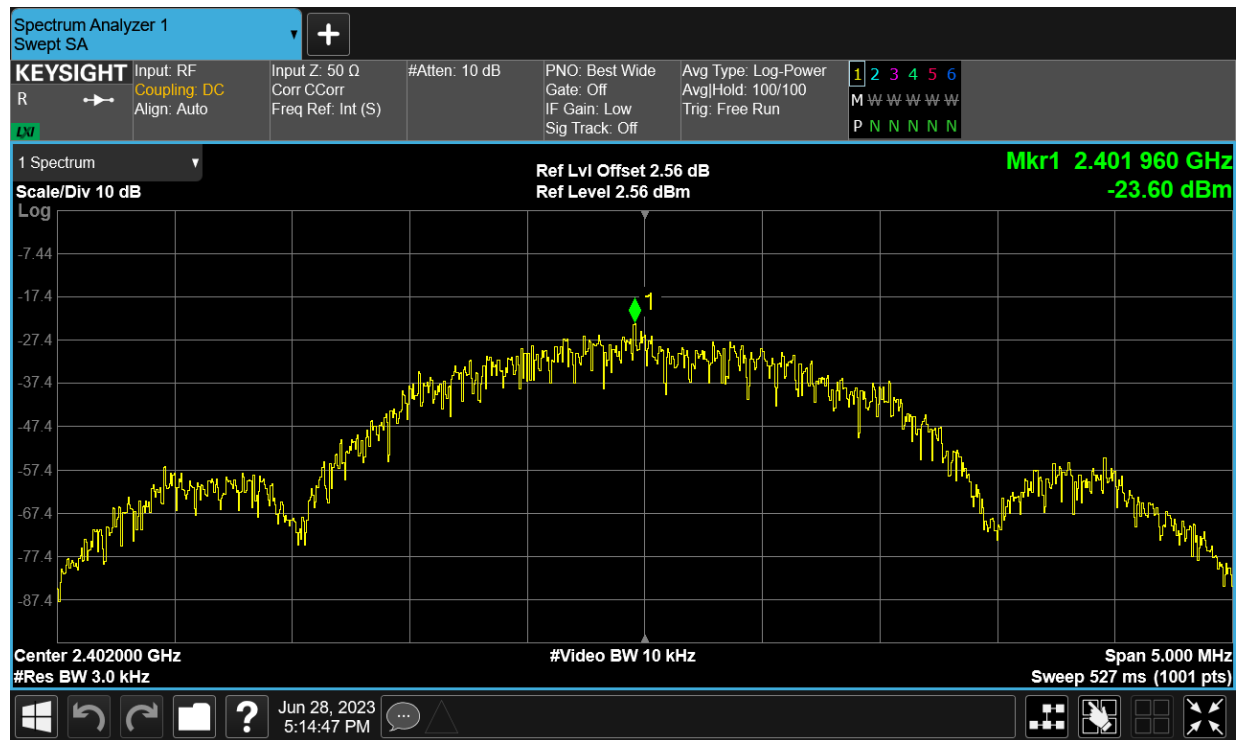


## Maximum Power Spectral Density Level

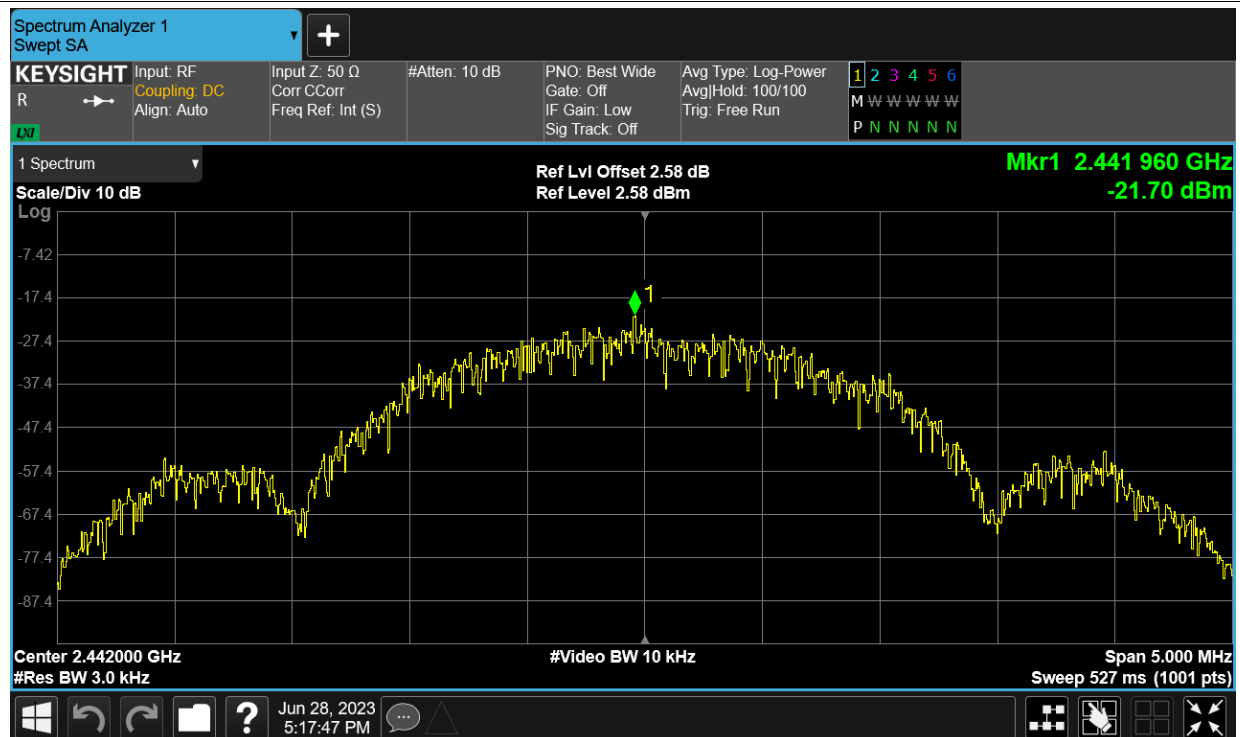
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -23.602       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -21.695       | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -23.199       | 8           | Pass    |

## Test Graphs

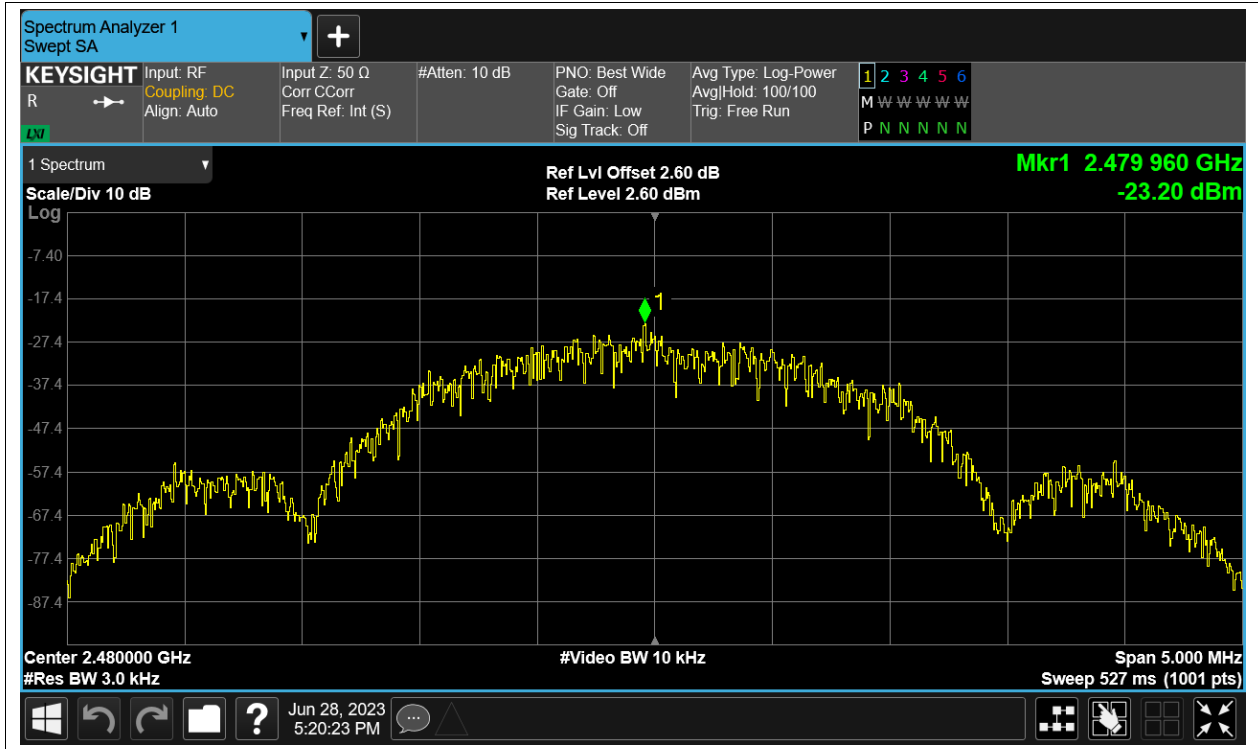
## PSD NVNT BLE 2402MHz Ant1



## PSD NVNT BLE 2442MHz Ant1



## PSD NVNT BLE 2480MHz Ant1

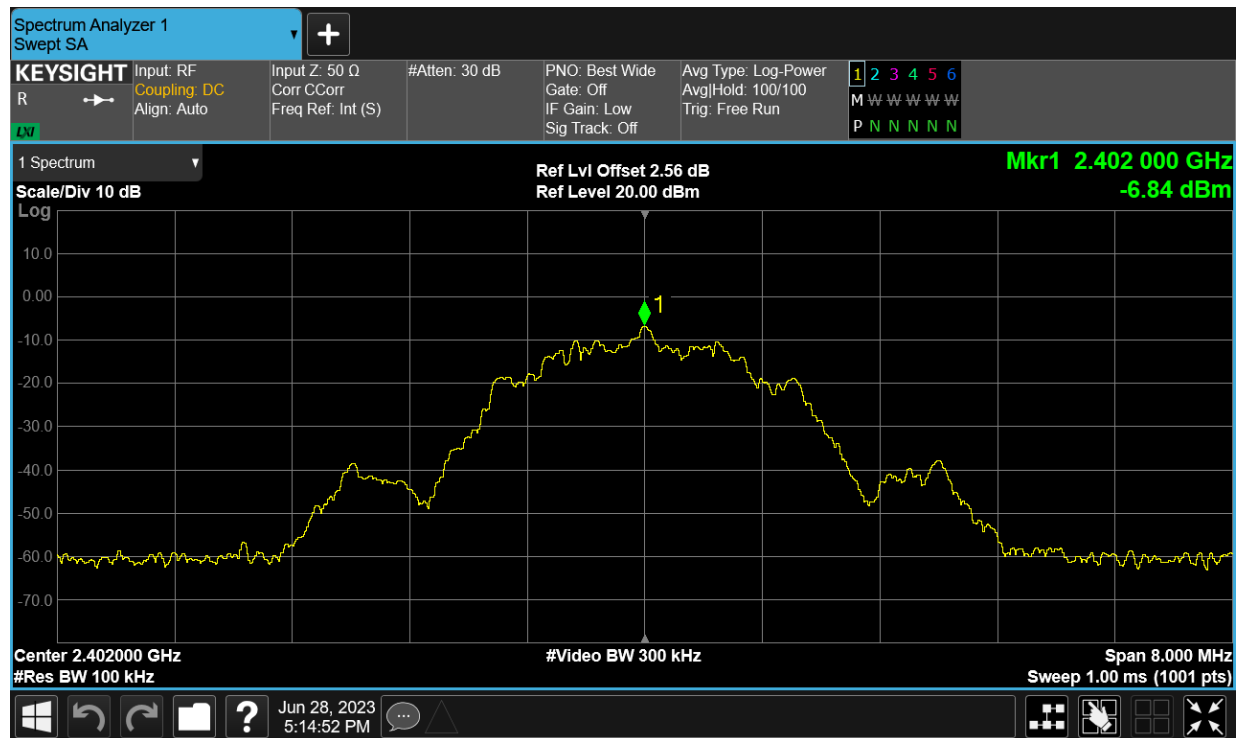


## Band Edge

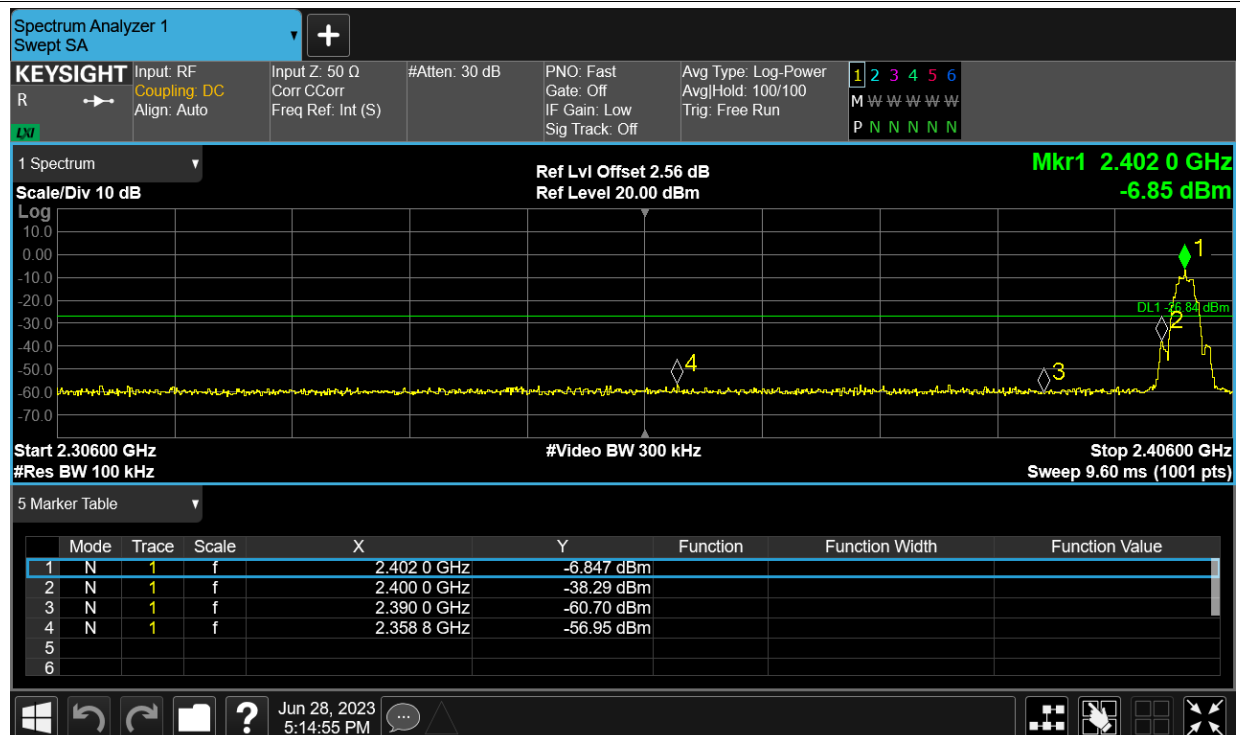
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -50.11          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -48.11          | -20         | Pass    |

## Test Graphs

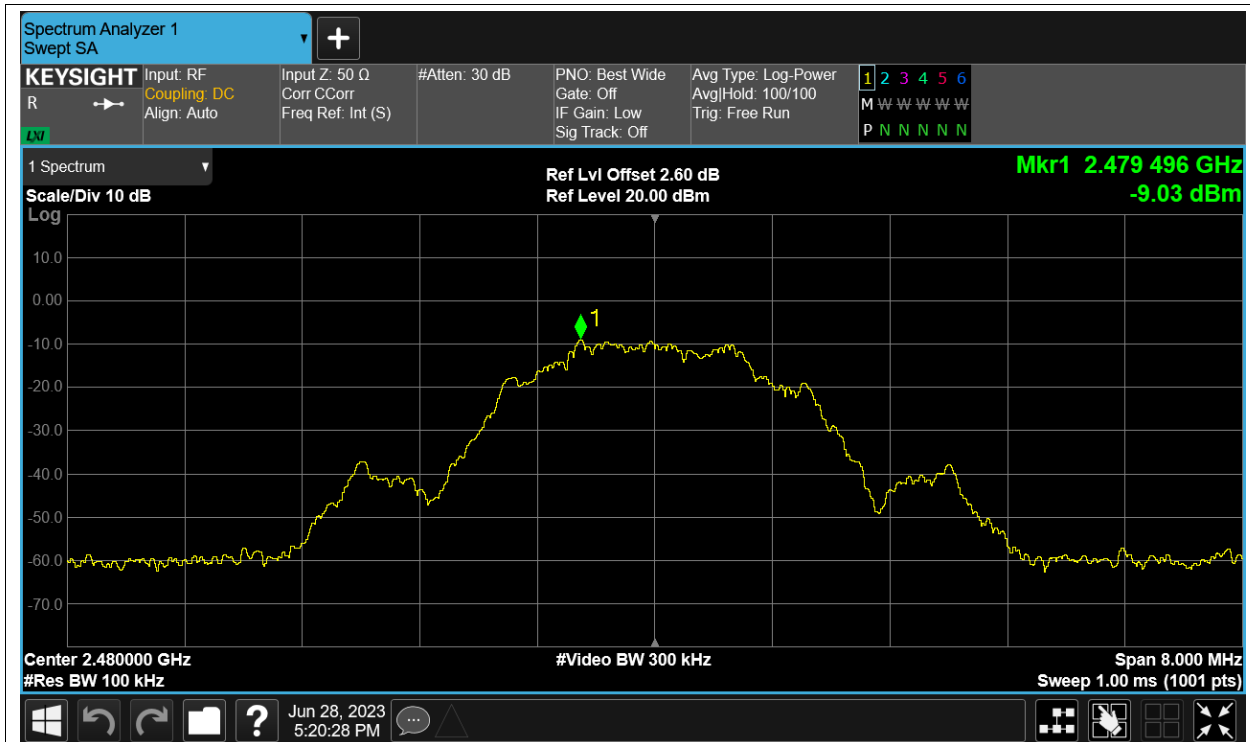
## Band Edge NVNT BLE 2402MHz Ant1 Ref



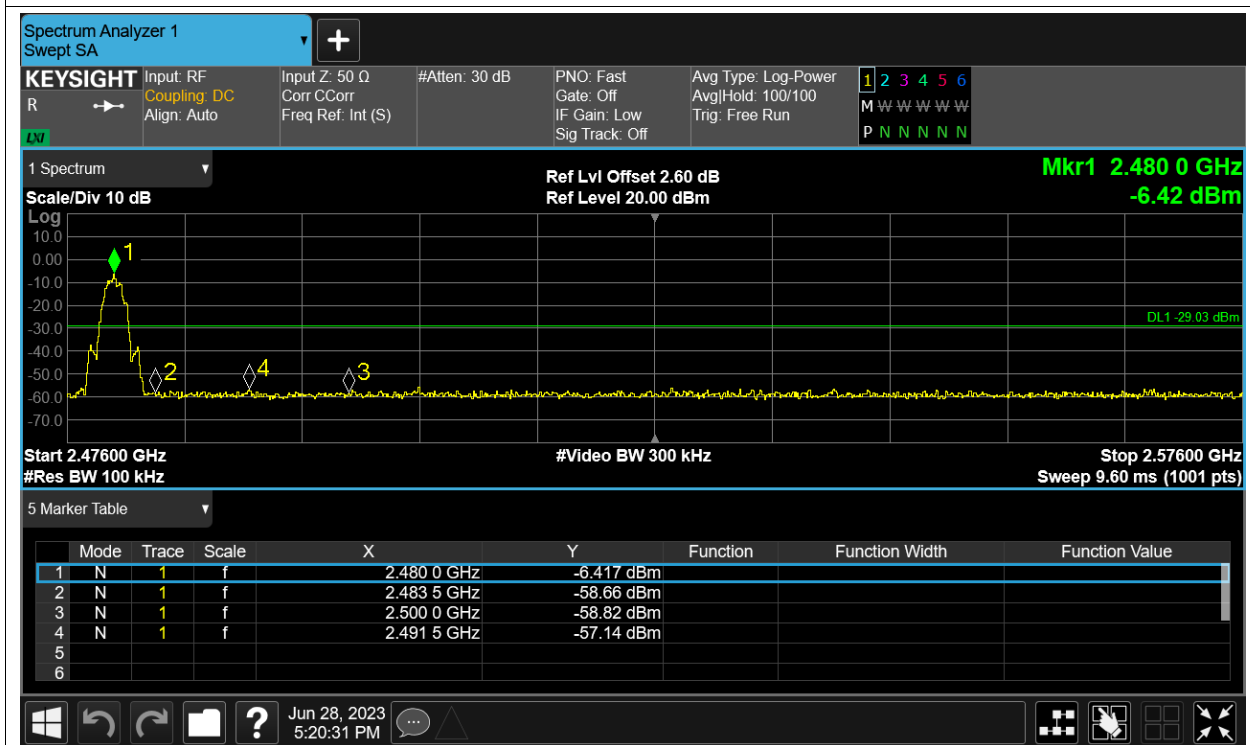
## Band Edge NVNT BLE 2402MHz Ant1 Emission



## Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission

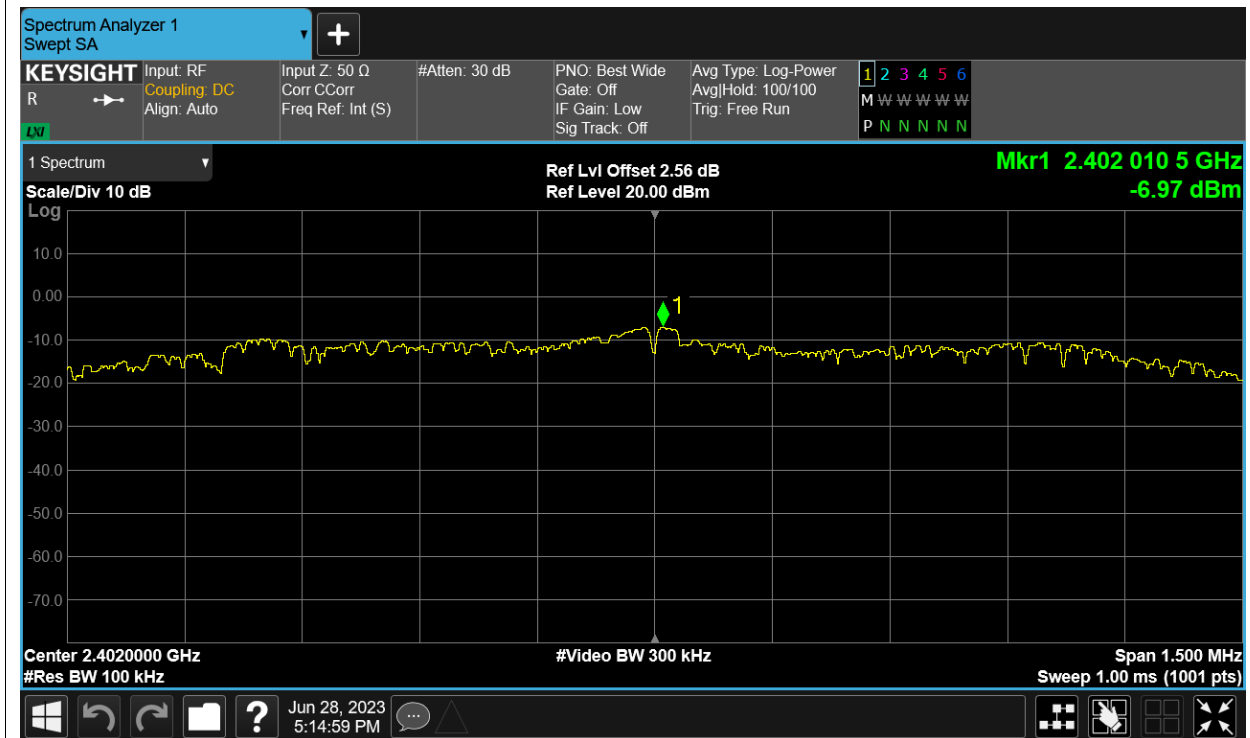


## Conducted RF Spurious Emission

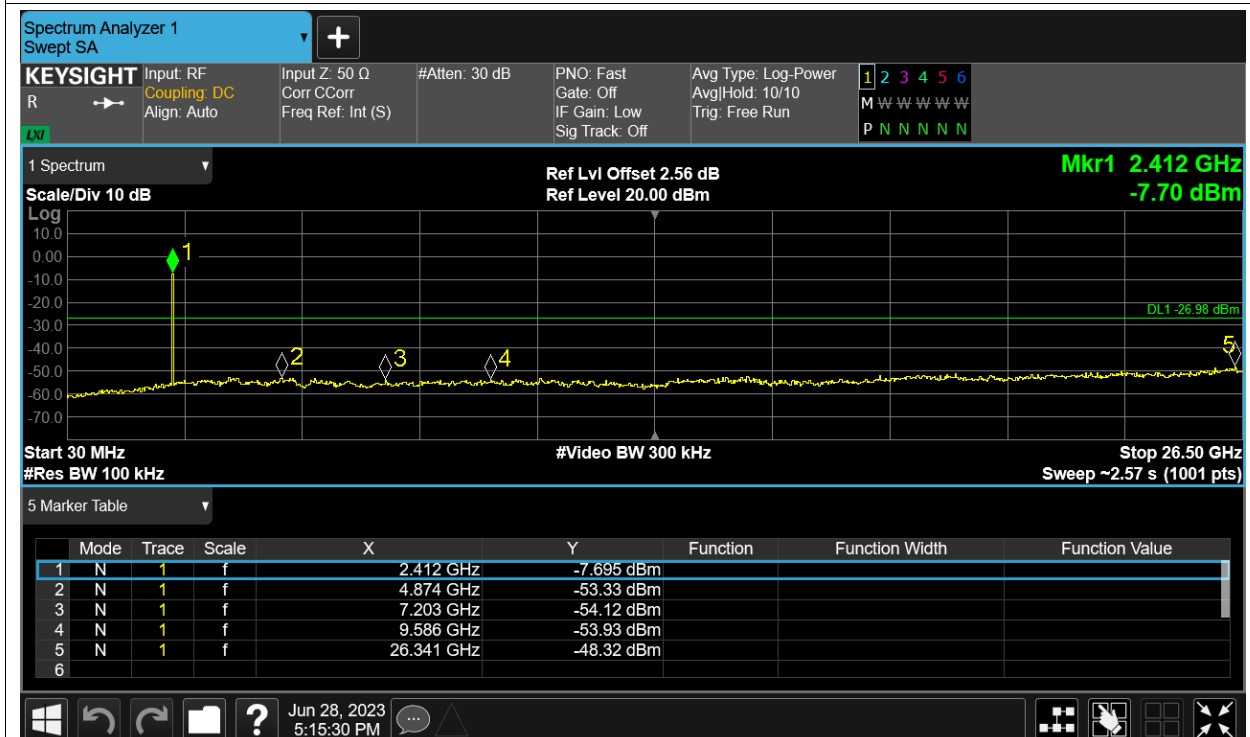
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -41.35          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -42.26          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -42.21          | -20         | Pass    |

## Test Graphs

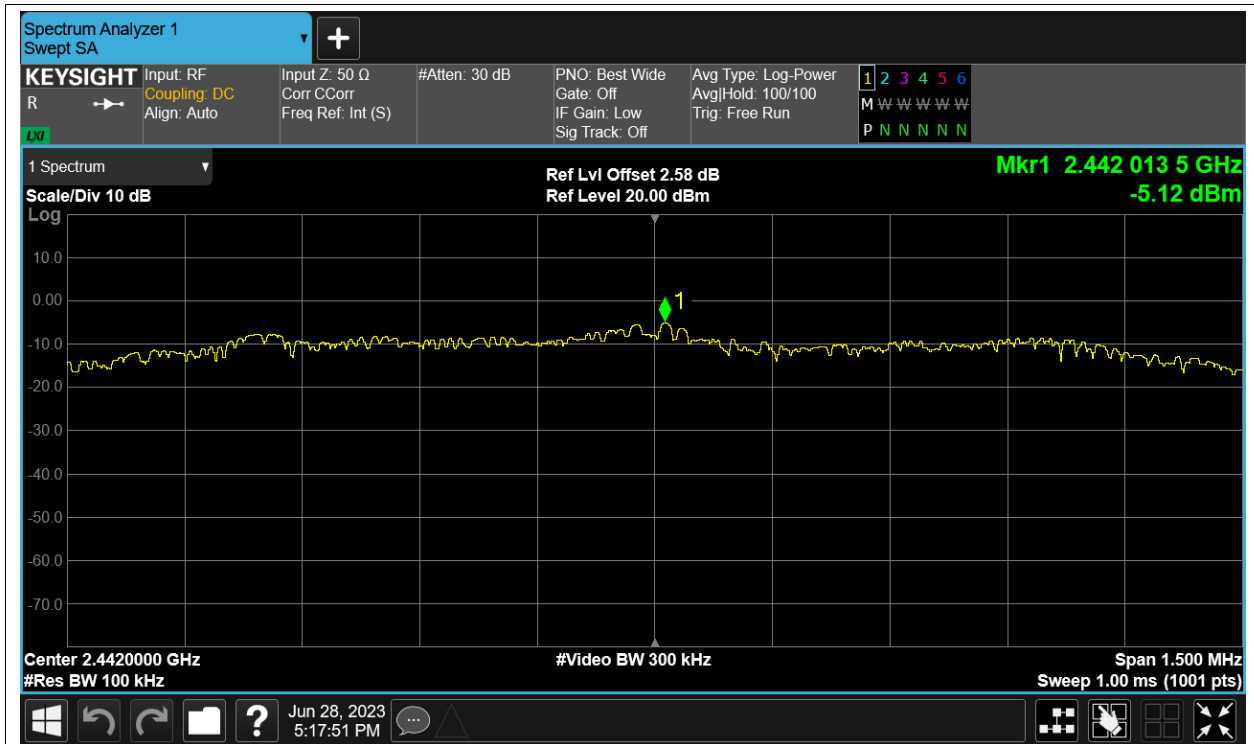
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



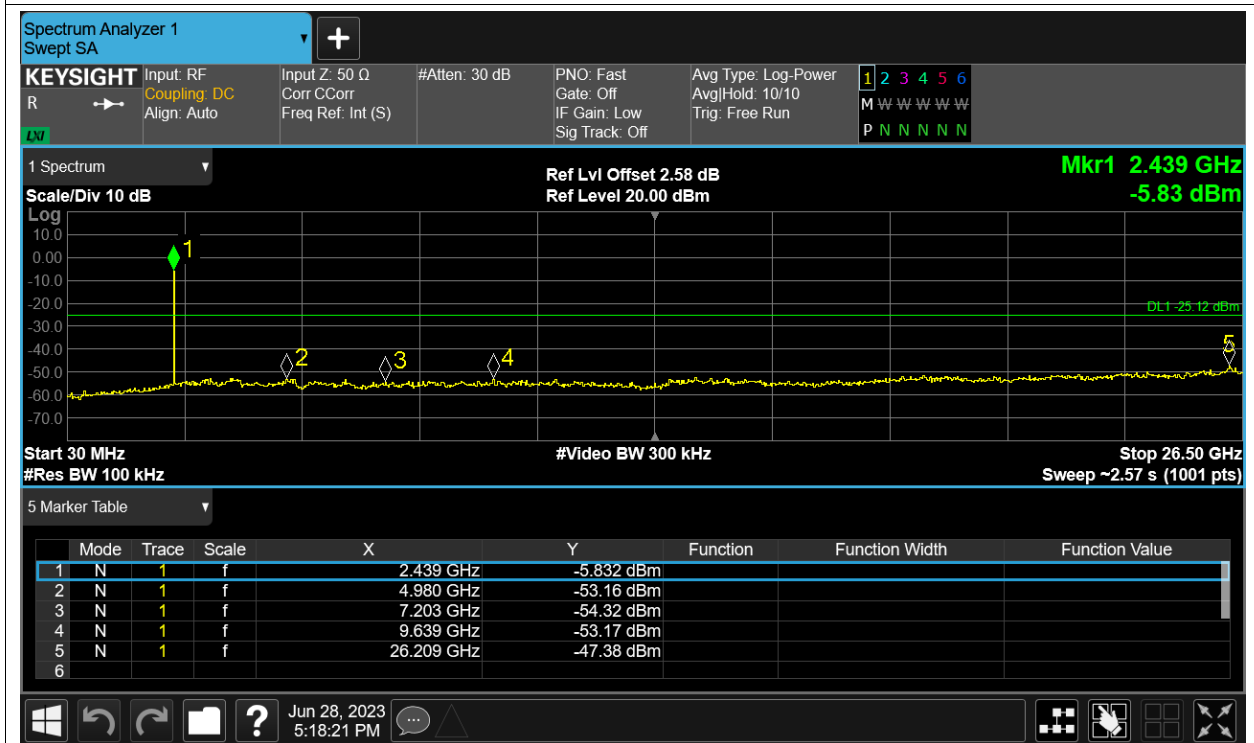
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



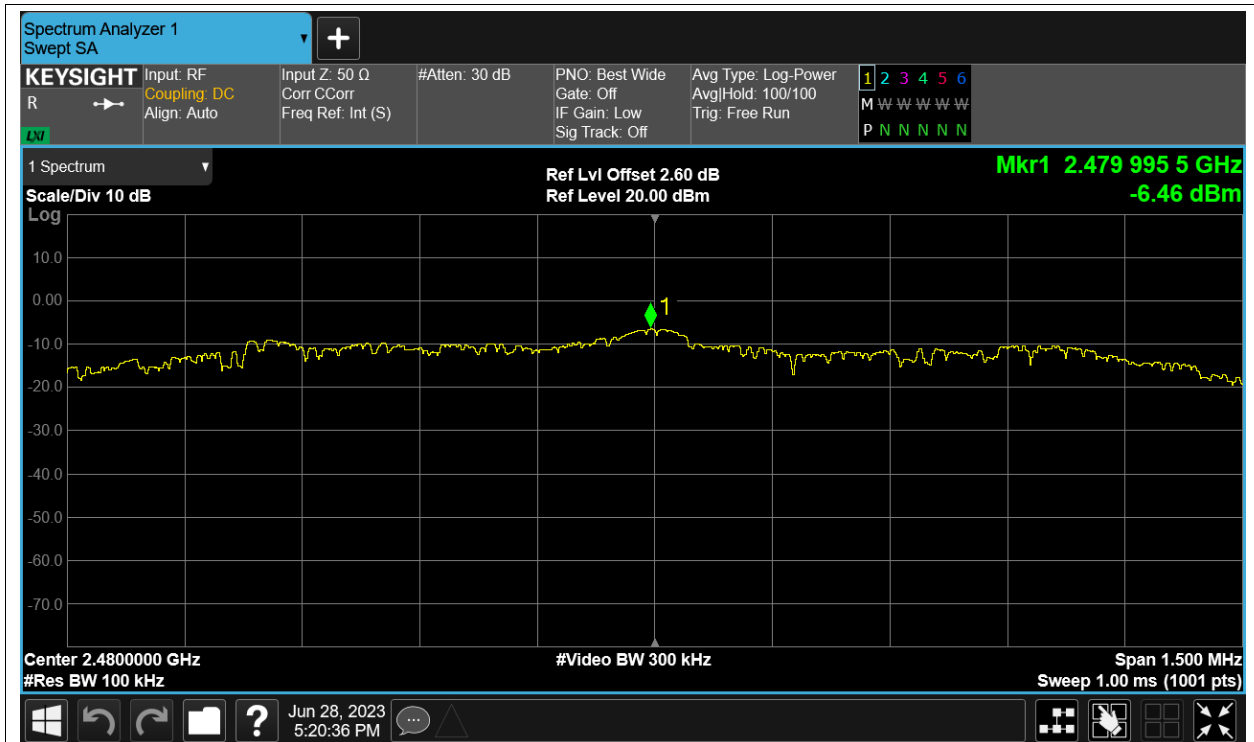
Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

