

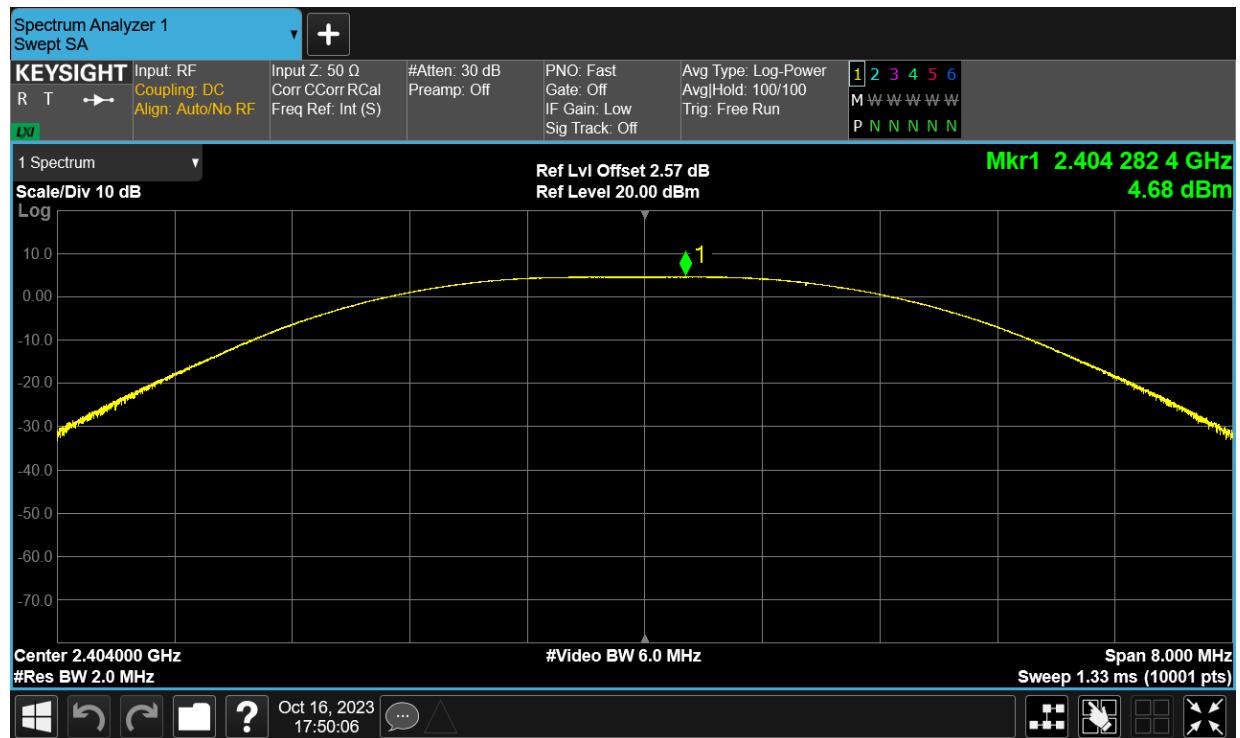
## Test Data

### Maximum Conducted Output Power

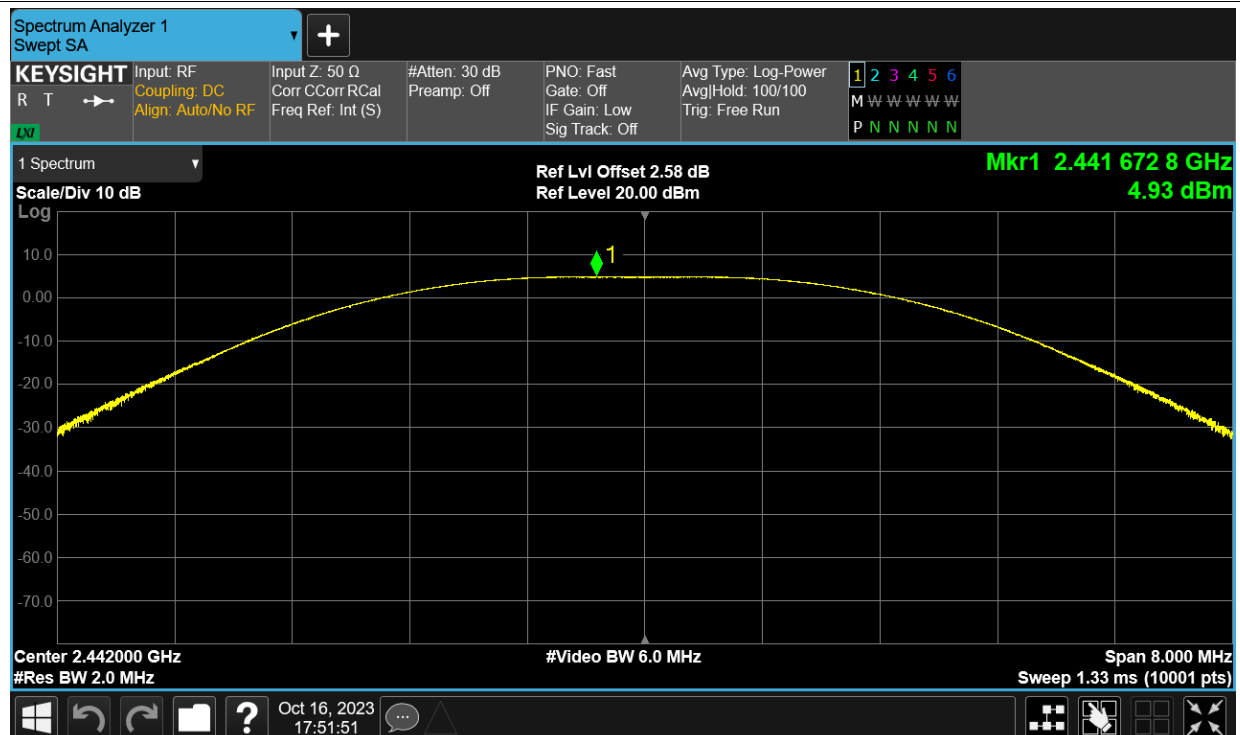
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant14   | 4.676                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant14   | 4.934                 | 30          | Pass    |
| NVNT      | BLE  | 2478            | Ant14   | 5.331                 | 30          | Pass    |

Test Graphs

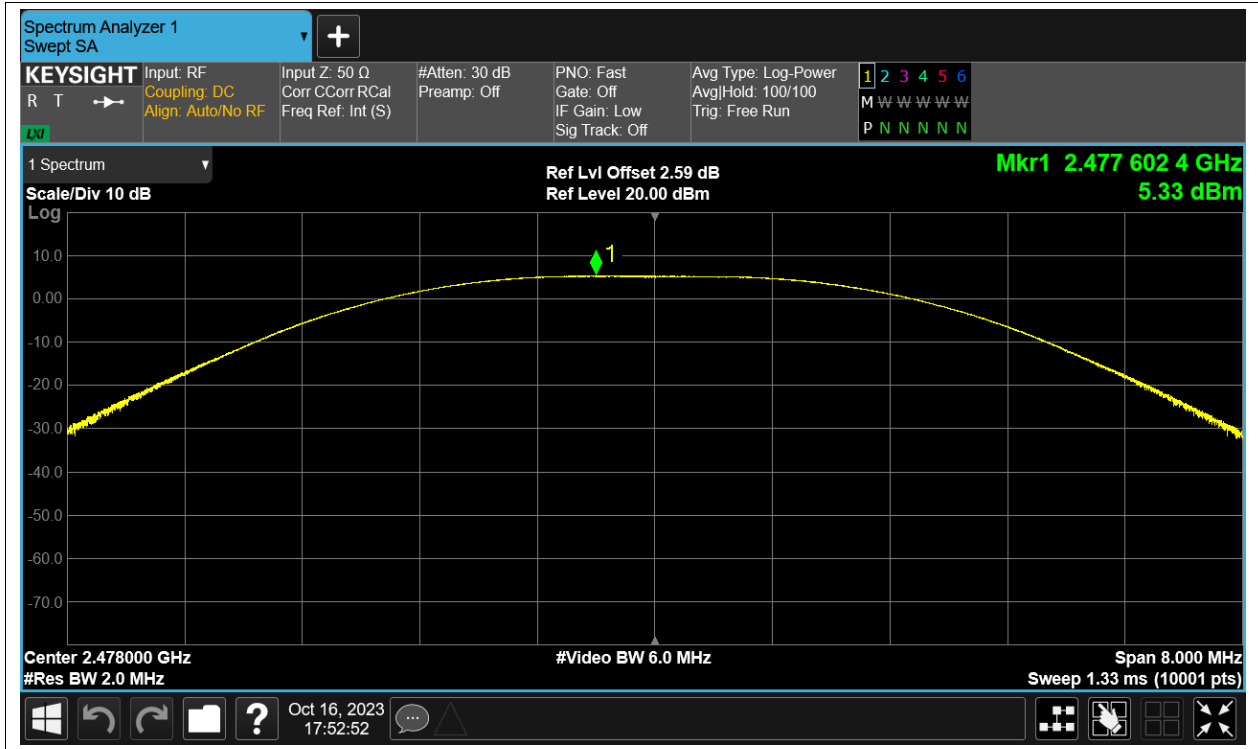
Power NVNT BLE 2404MHz Ant14



Power NVNT BLE 2442MHz Ant14



Power NVNT BLE 2478MHz Ant14

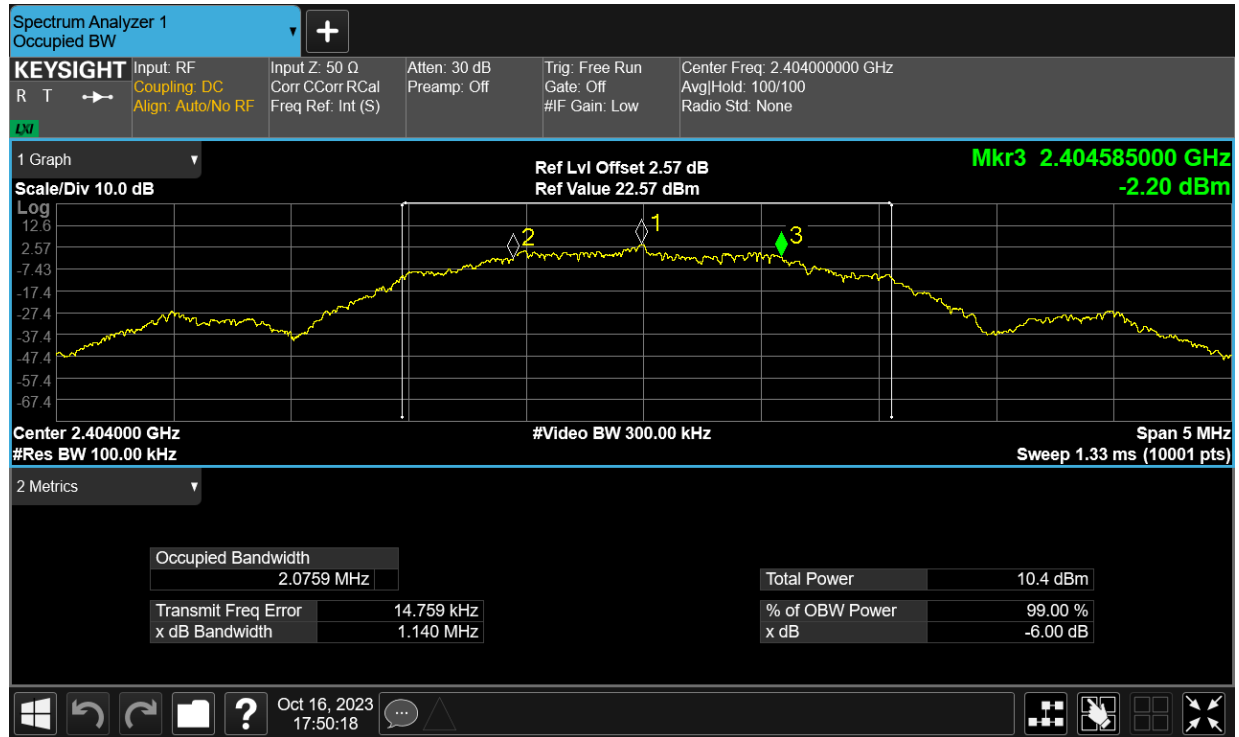


## -6dB Bandwidth

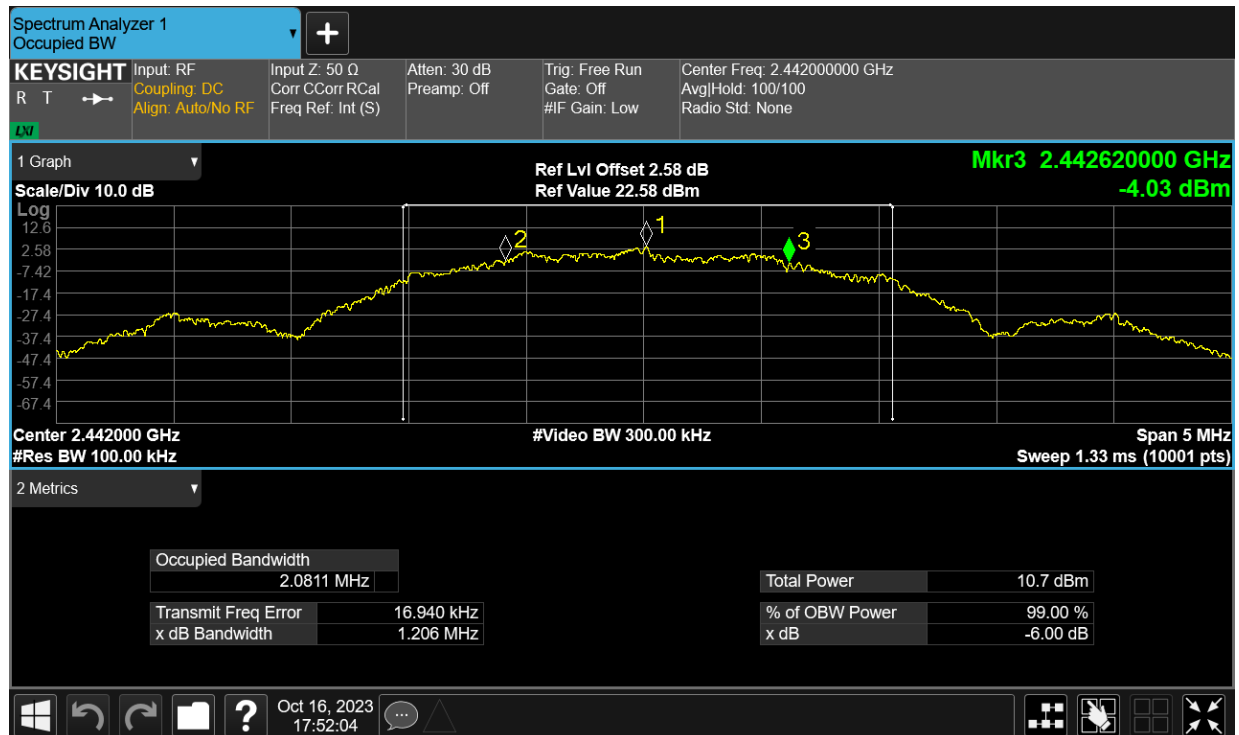
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2404            | Ant14   | 1.14                  | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant14   | 1.206                 | 0.5   | Pass   |
| NVNT      | BLE  | 2478            | Ant14   | 1.249                 | 0.5   | Pass   |

## Test Graphs

-6dB Bandwidth NVNT BLE 2404MHz Ant14



-6dB Bandwidth NVNT BLE 2442MHz Ant14



-6dB Bandwidth NVNT BLE 2478MHz Ant14

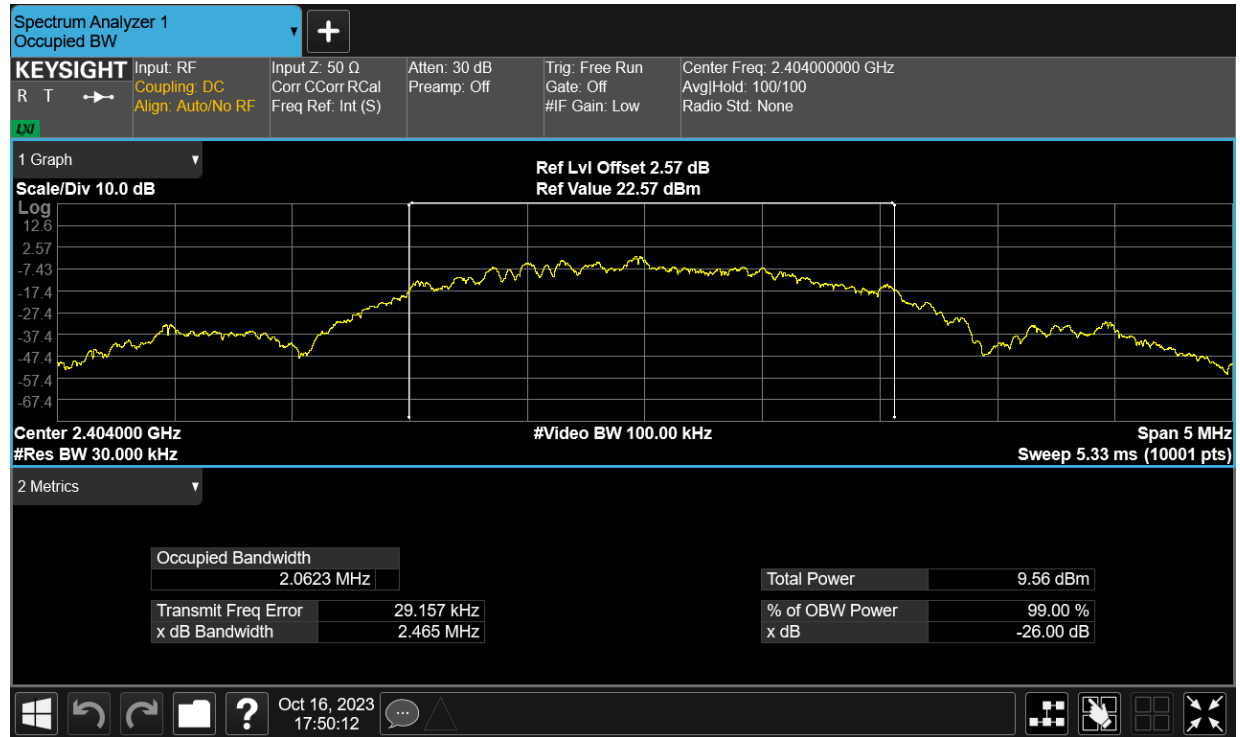


## Occupied Channel Bandwidth

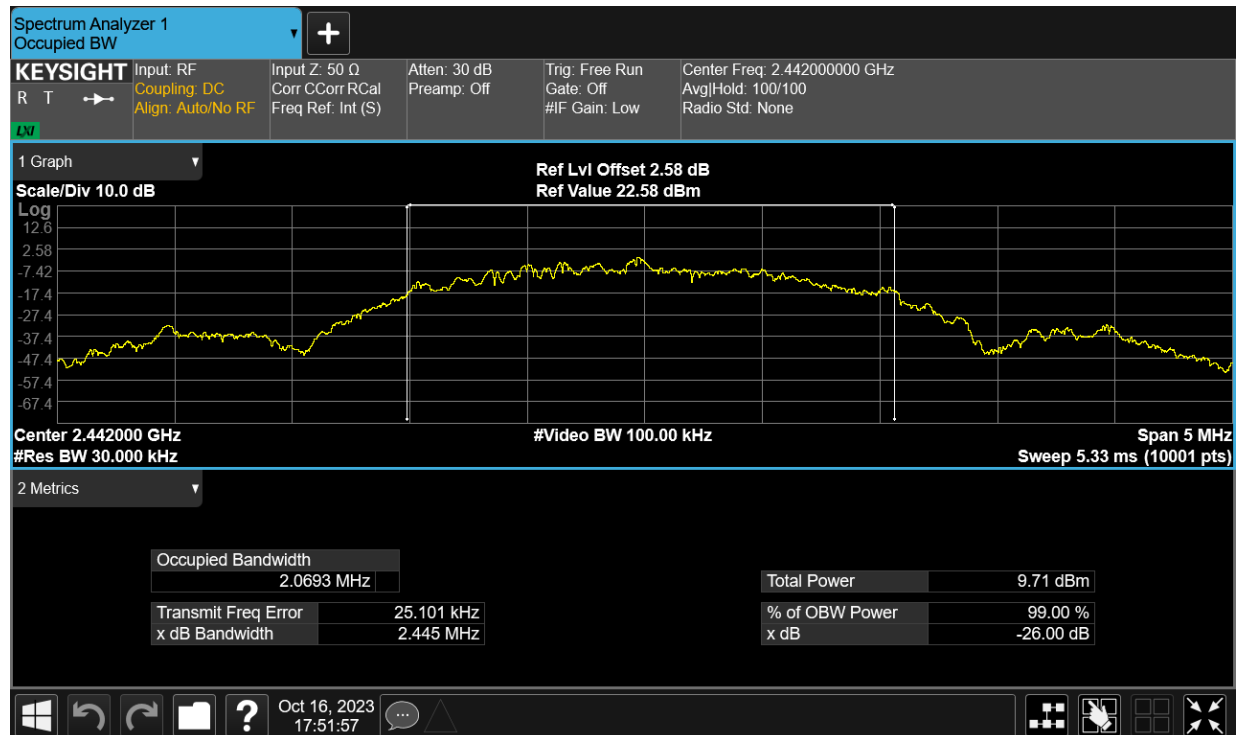
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2404            | Ant14   | 2.062         |
| NVNT      | BLE  | 2442            | Ant14   | 2.069         |
| NVNT      | BLE  | 2478            | Ant14   | 2.062         |

## Test Graphs

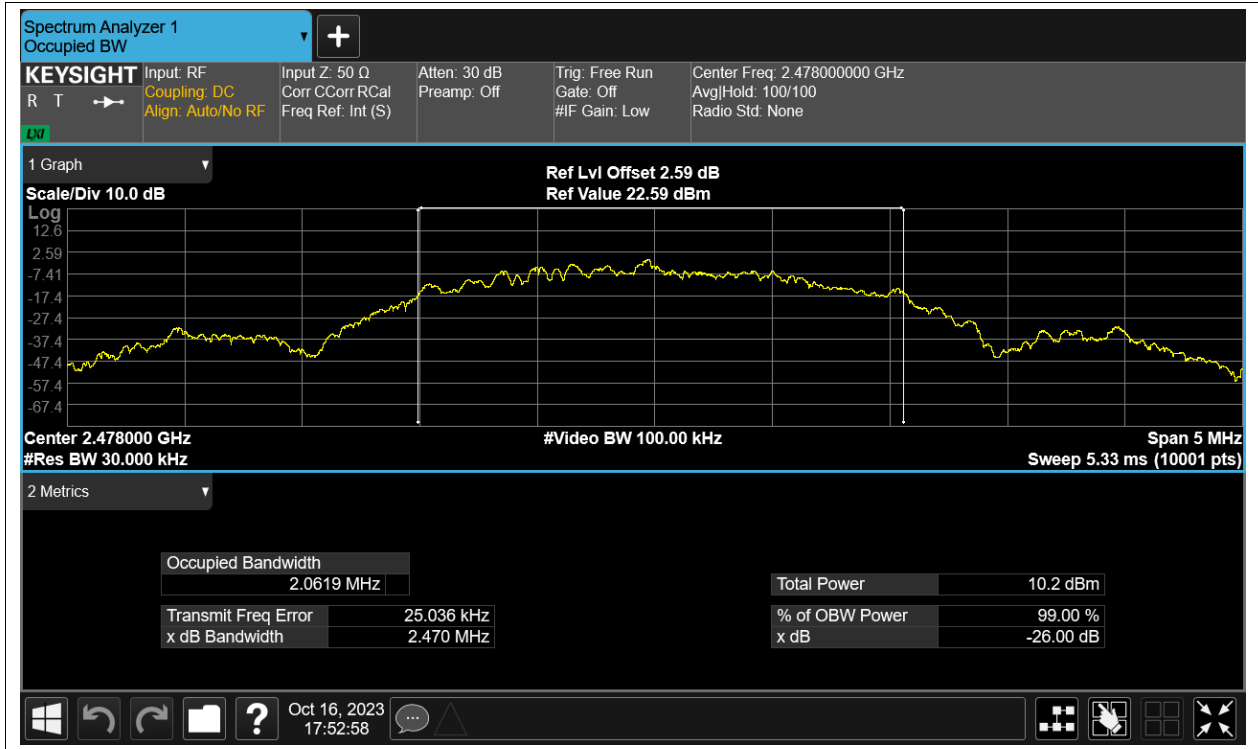
## OBW NVNT BLE 2404MHz Ant14



## OBW NVNT BLE 2442MHz Ant14



## OBW NVNT BLE 2478MHz Ant14

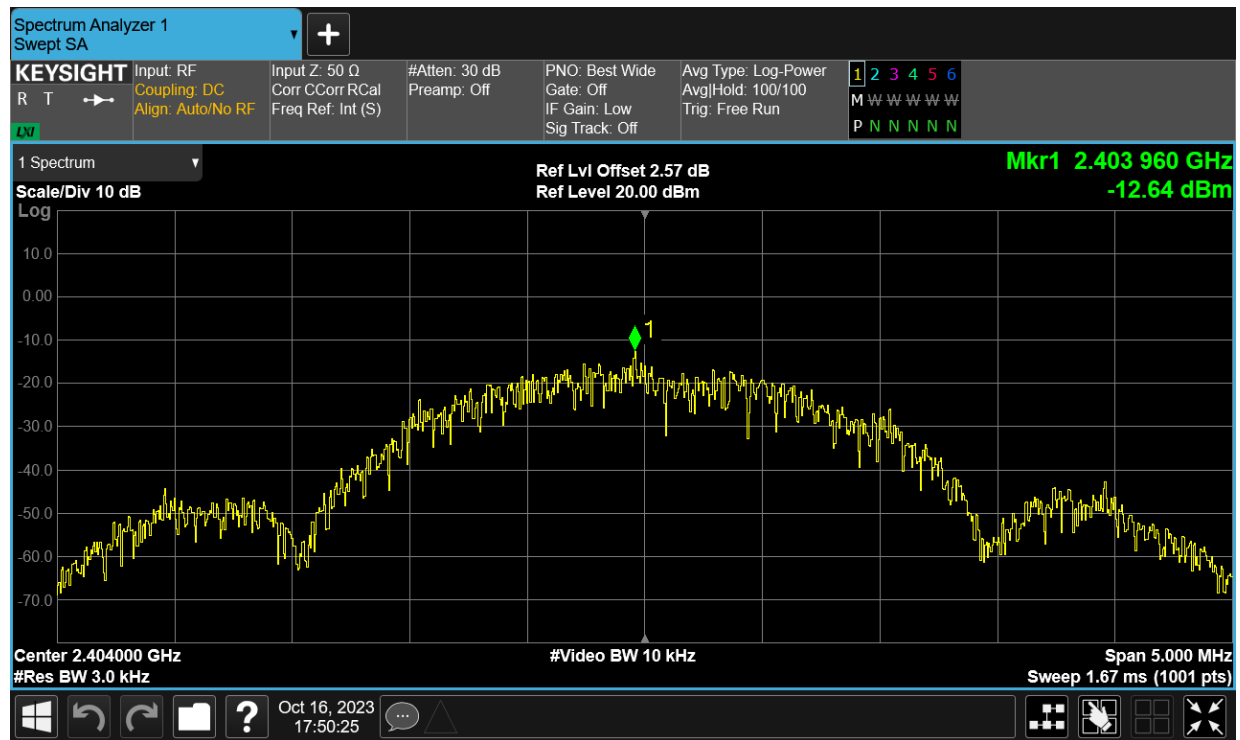


## Maximum Power Spectral Density Level

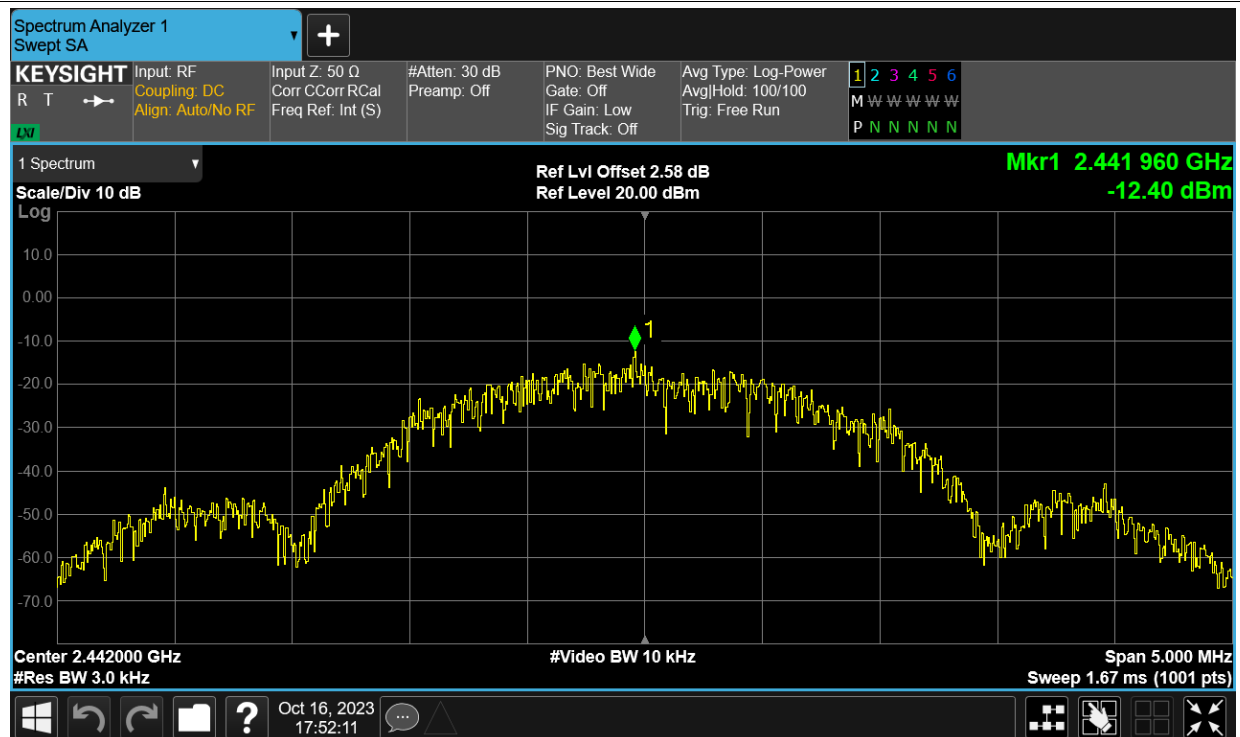
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant14   | -12.642       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant14   | -12.403       | 8           | Pass    |
| NVNT      | BLE  | 2478            | Ant14   | -11.943       | 8           | Pass    |

## Test Graphs

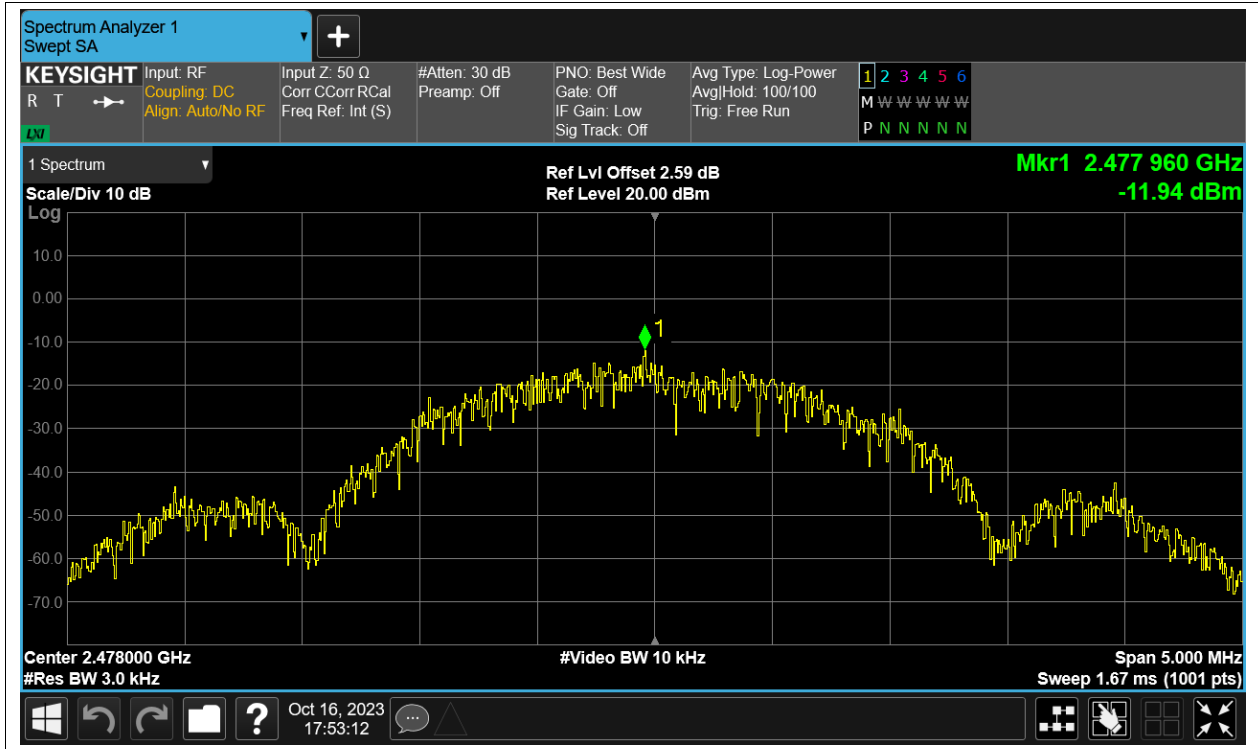
## PSD NVNT BLE 2404MHz Ant14



## PSD NVNT BLE 2442MHz Ant14



## PSD NVNT BLE 2478MHz Ant14

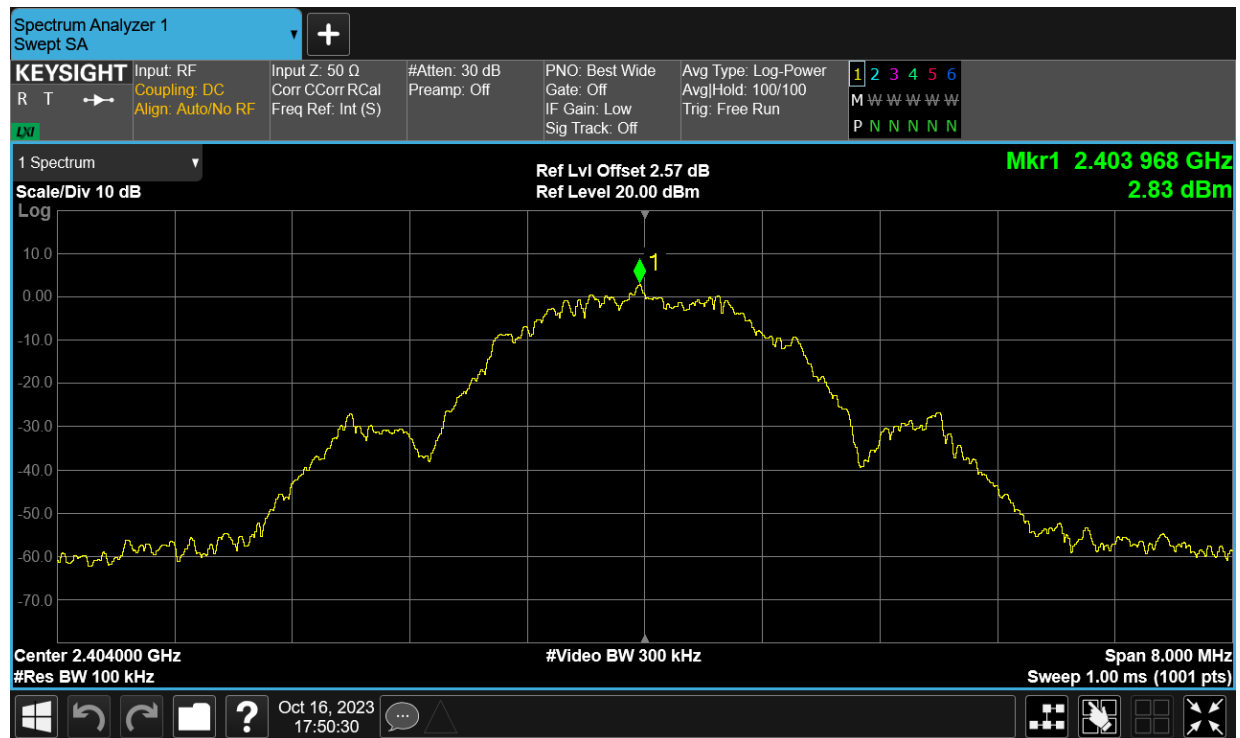


## Band Edge

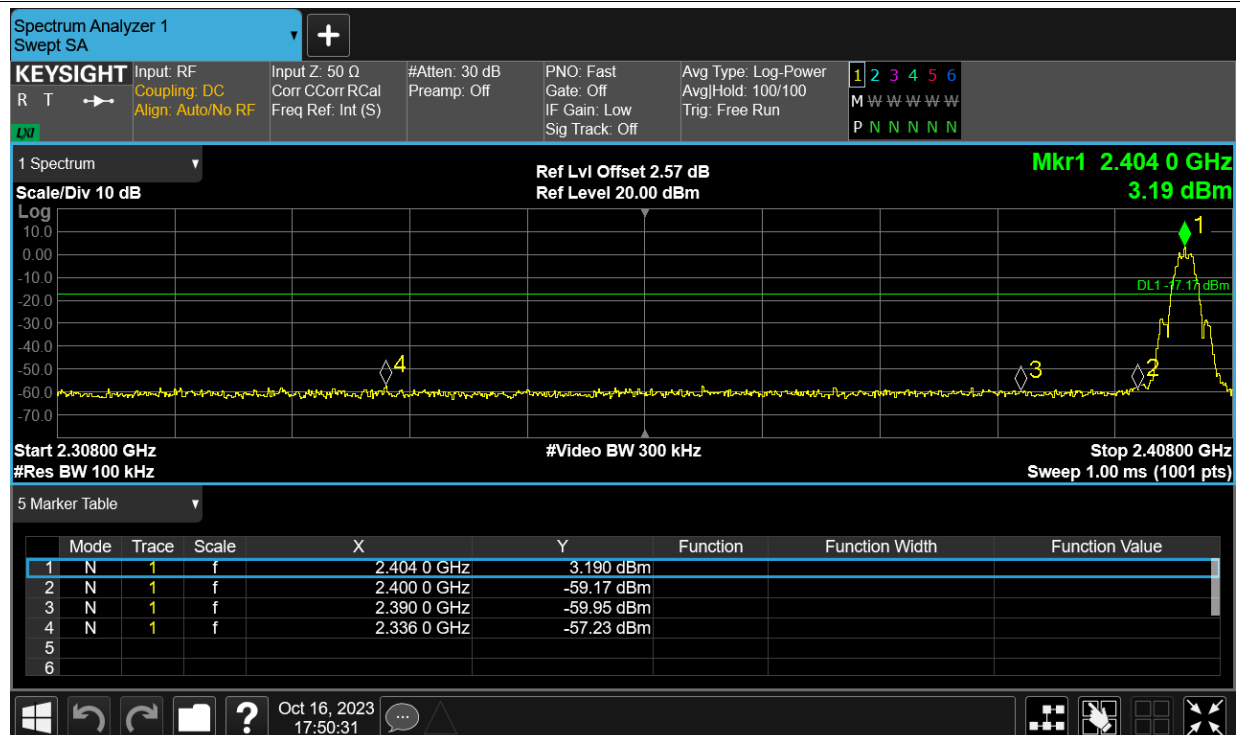
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant14   | -60.06          | -20         | Pass    |
| NVNT      | BLE  | 2478            | Ant14   | -60.96          | -20         | Pass    |

## Test Graphs

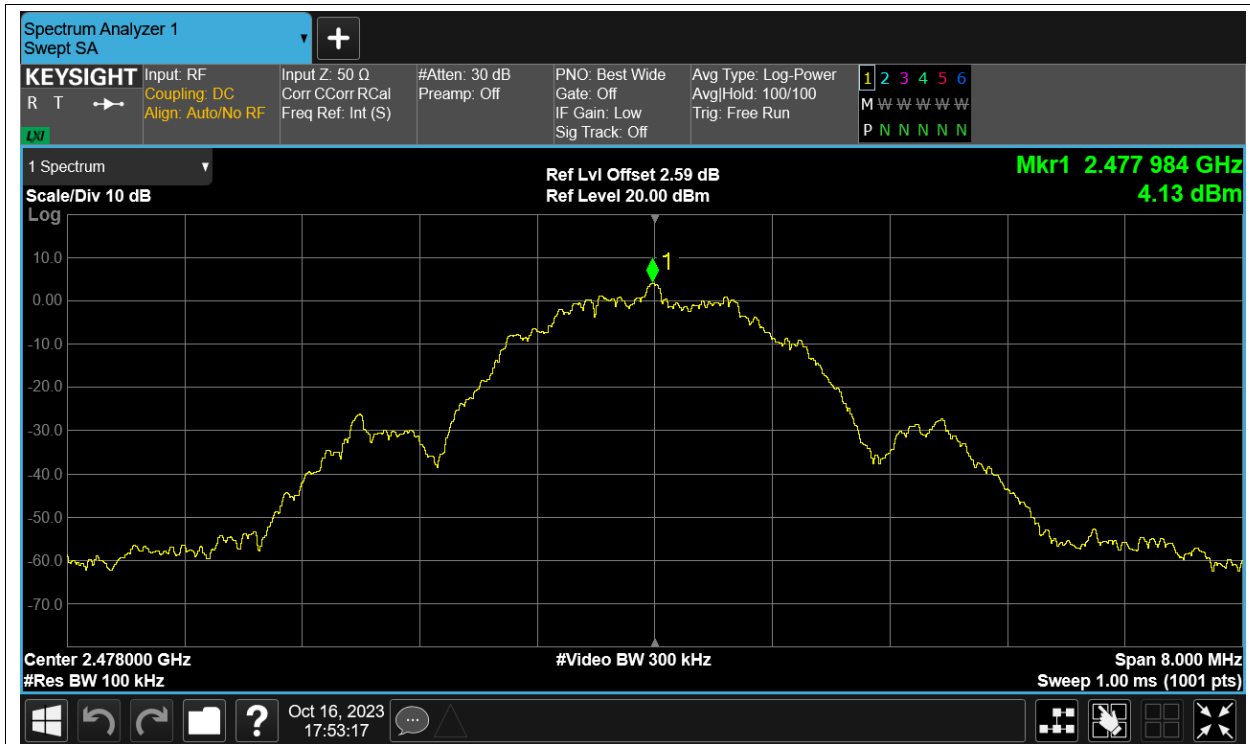
## Band Edge NVNT BLE 2404MHz Ant14 Ref



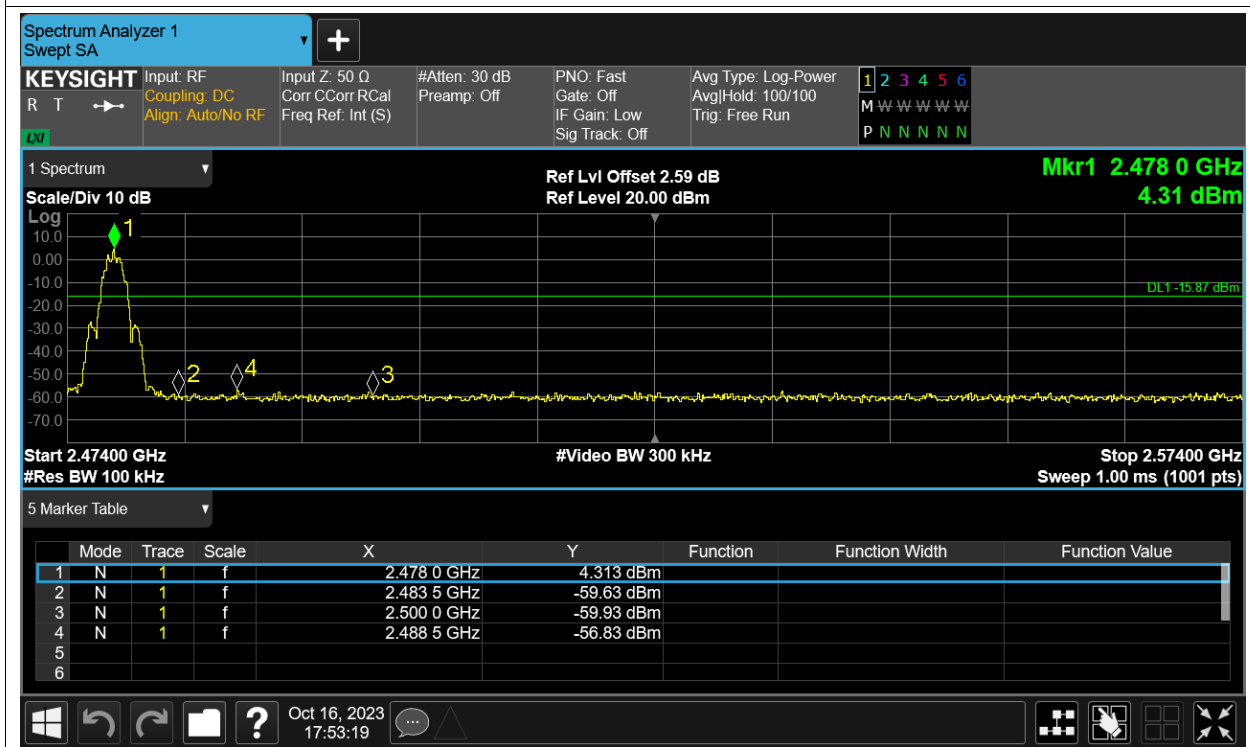
## Band Edge NVNT BLE 2404MHz Ant14 Emission



## Band Edge NVNT BLE 2478MHz Ant14 Ref



Band Edge NVNT BLE 2478MHz Ant14 Emission

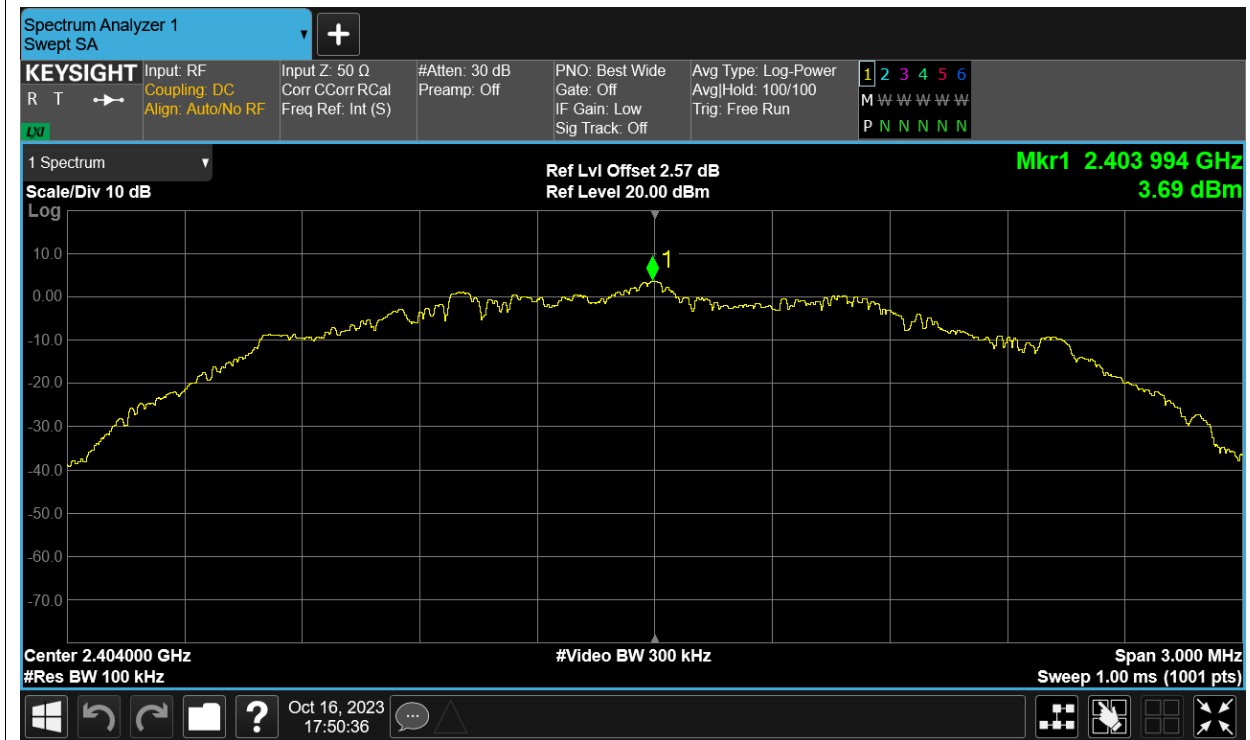


## Conducted RF Spurious Emission

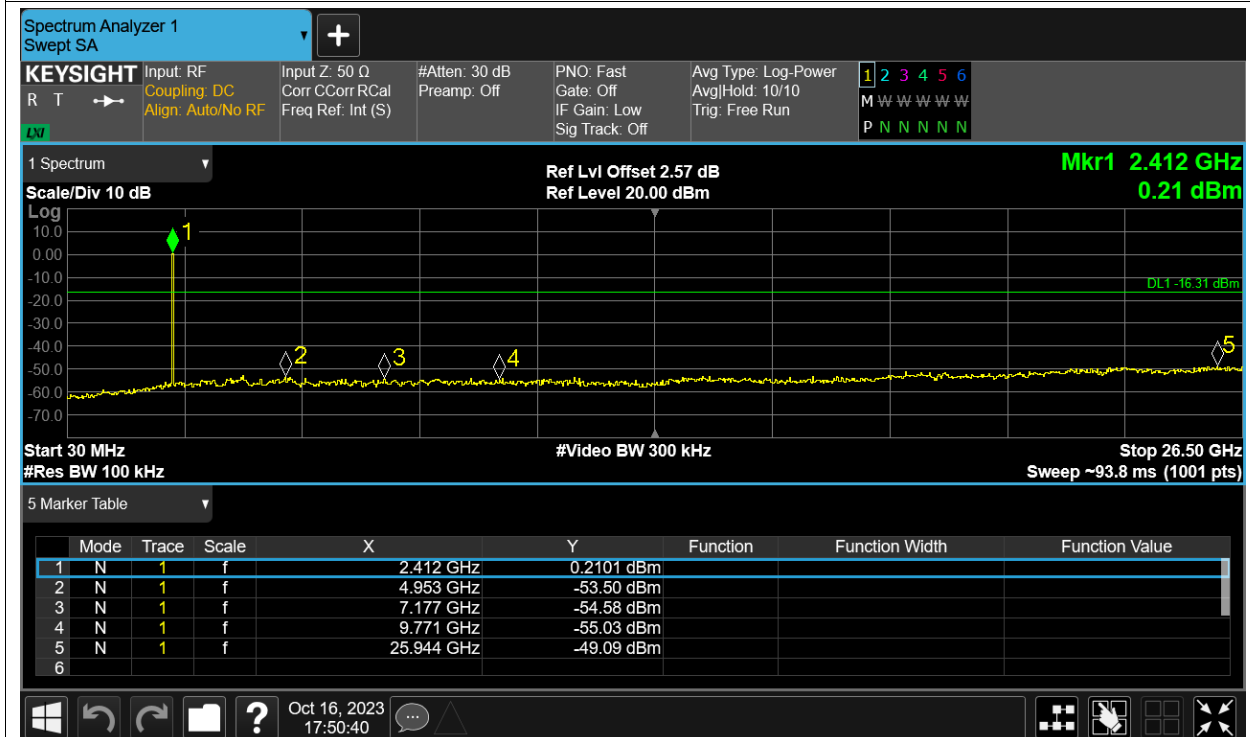
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant14   | -52.78          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant14   | -52.19          | -20         | Pass    |
| NVNT      | BLE  | 2478            | Ant14   | -52.41          | -20         | Pass    |

## Test Graphs

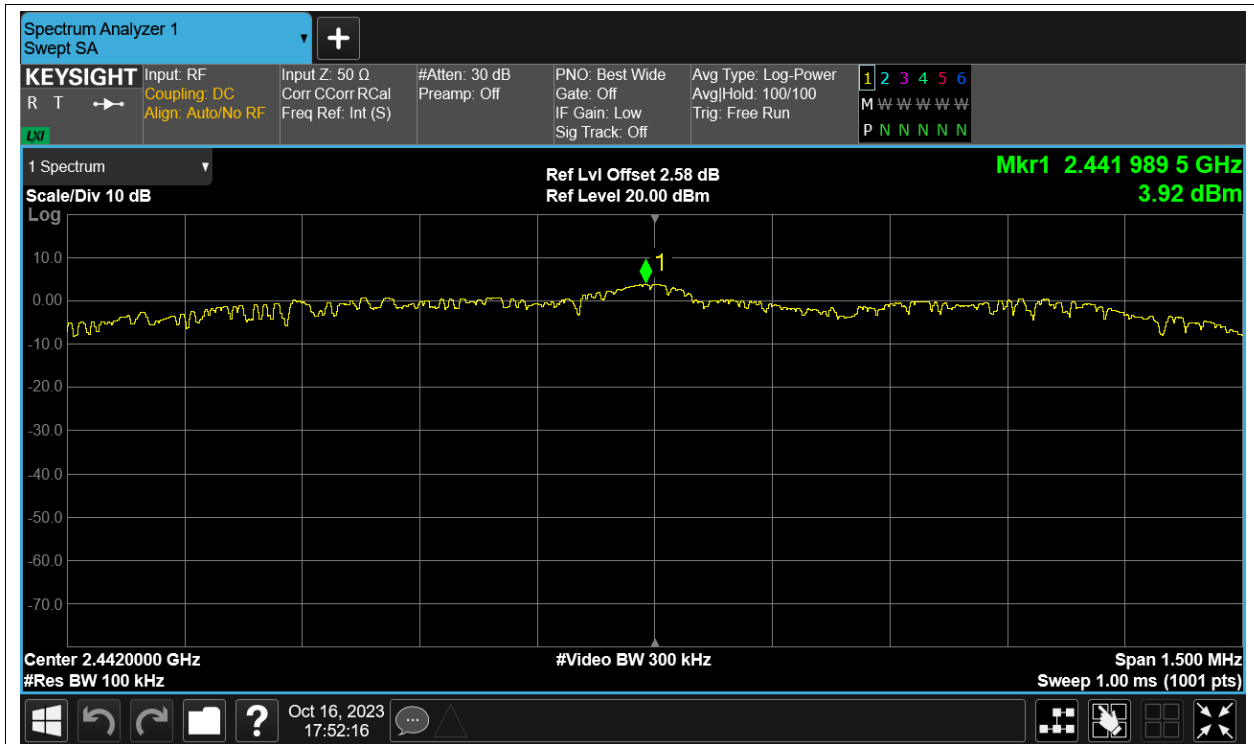
Tx. Spurious NVNT BLE 2404MHz Ant14 Ref



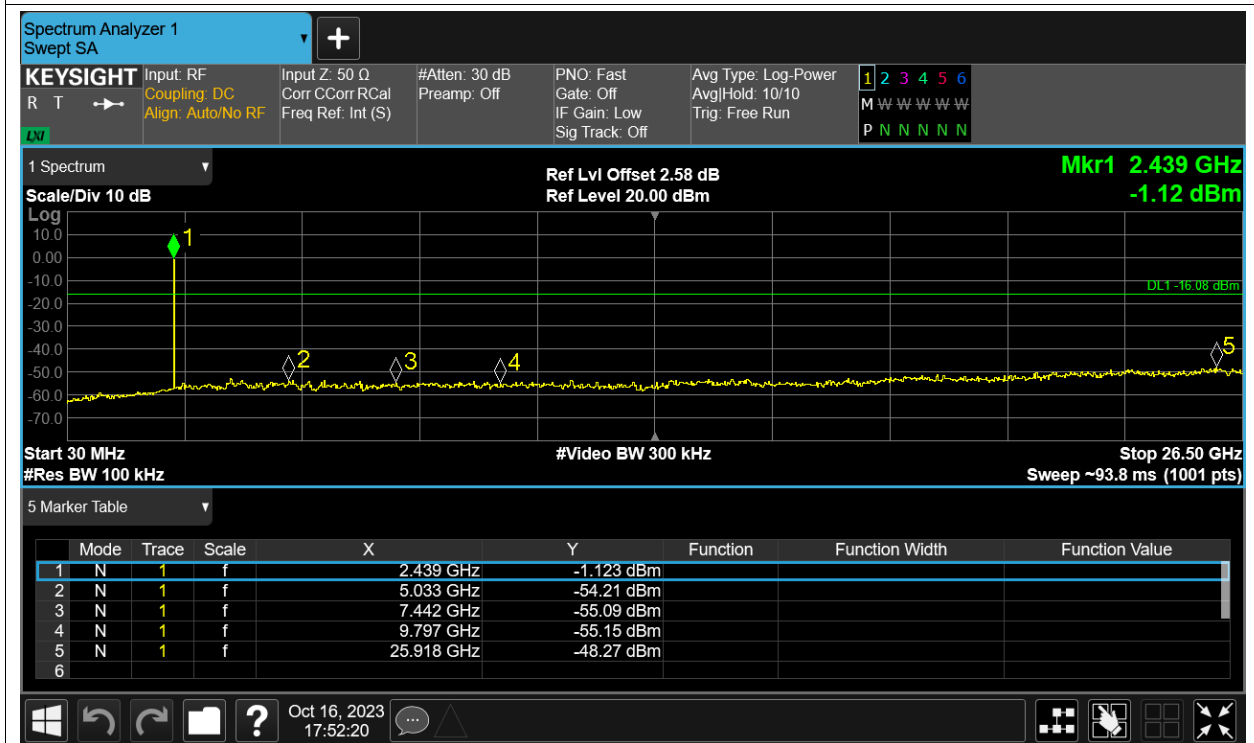
Tx. Spurious NVNT BLE 2404MHz Ant14 Emission



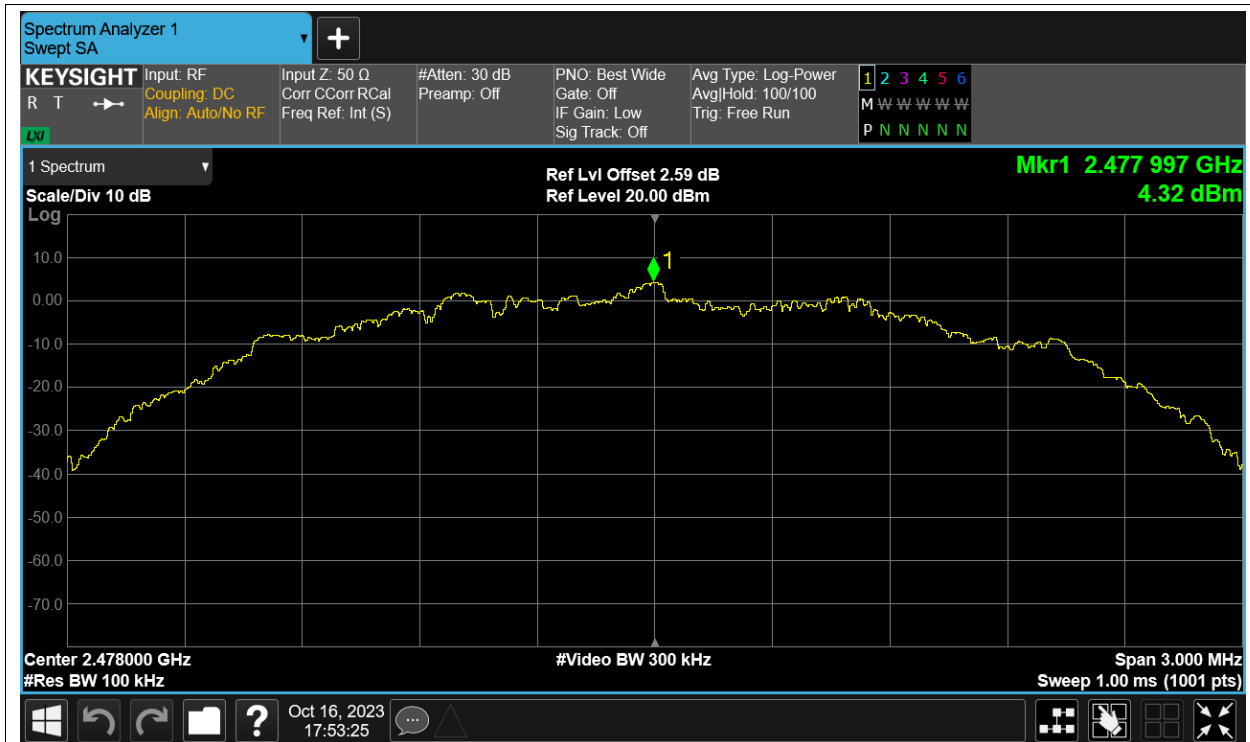
Tx. Spurious NVNT BLE 2442MHz Ant14 Ref



Tx. Spurious NVNT BLE 2442MHz Ant14 Emission



Tx. Spurious NVNT BLE 2478MHz Ant14 Ref



Tx. Spurious NVNT BLE 2478MHz Ant14 Emission

