

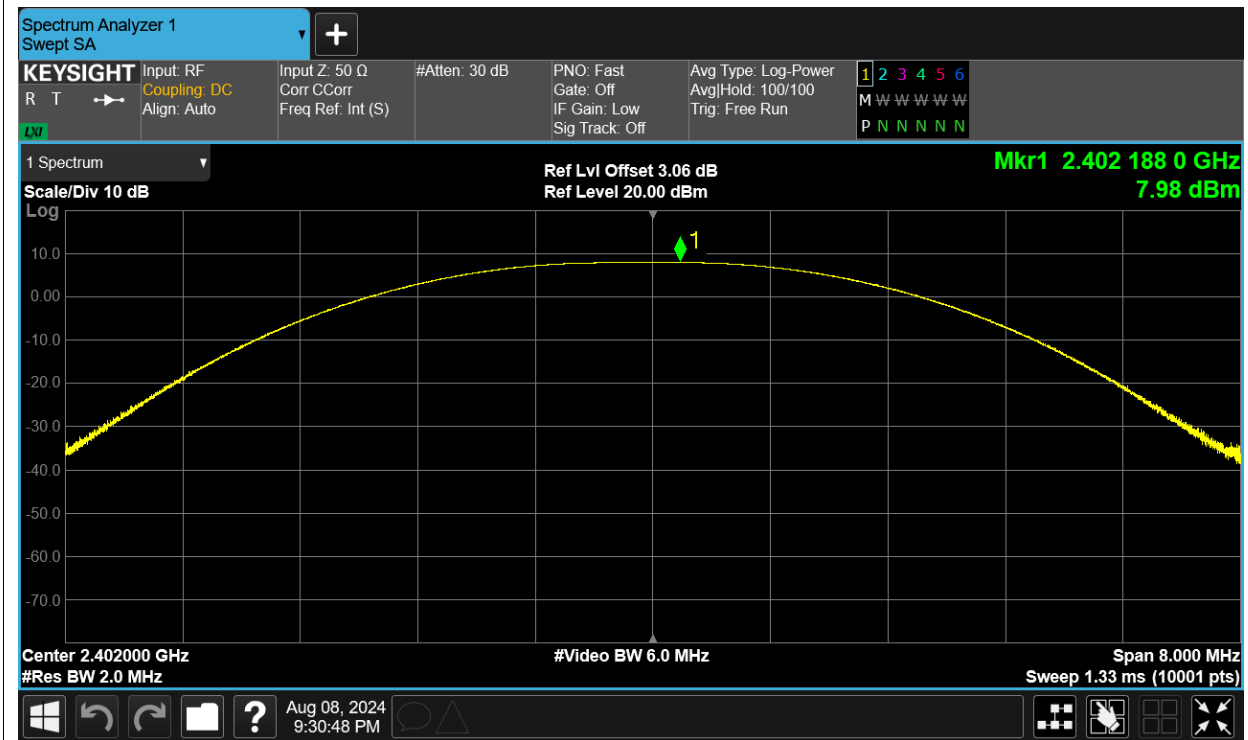
## Test Data

### Maximm Conducted Output Power

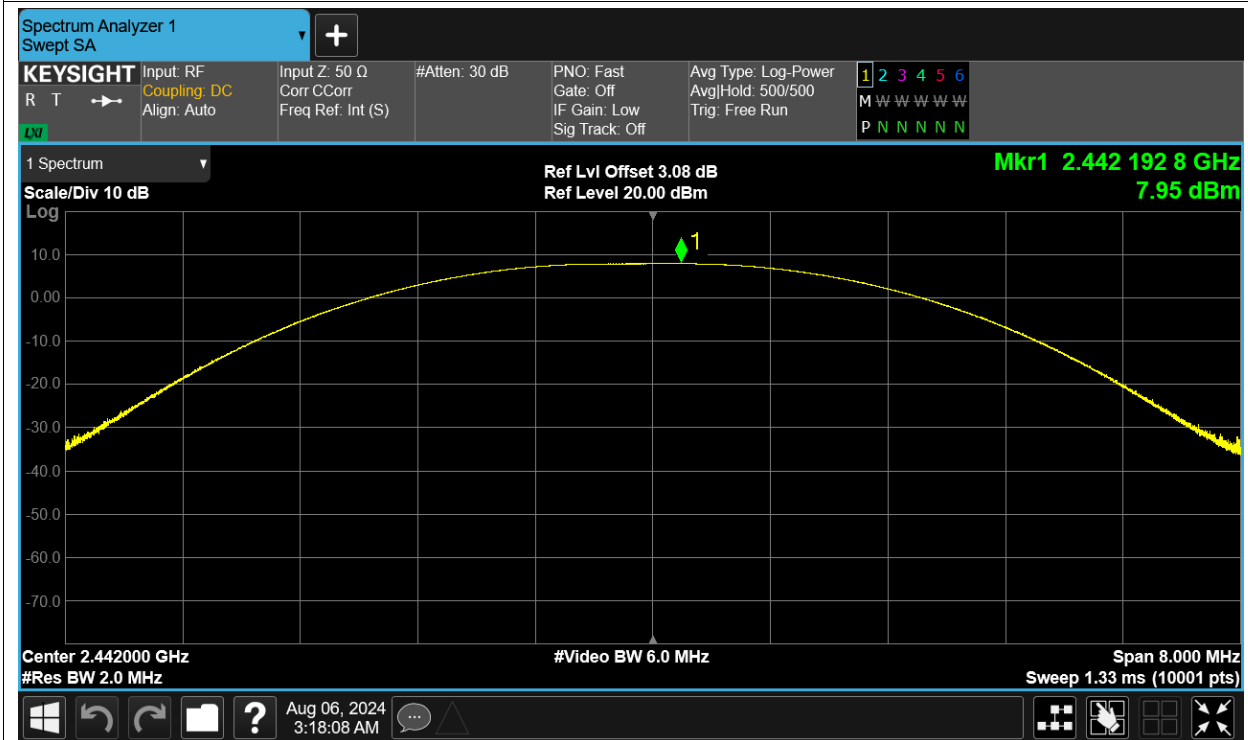
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant3    | 7.984                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant3    | 7.95                  | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant3    | 7.002                 | 30          | Pass    |

Test Graphs

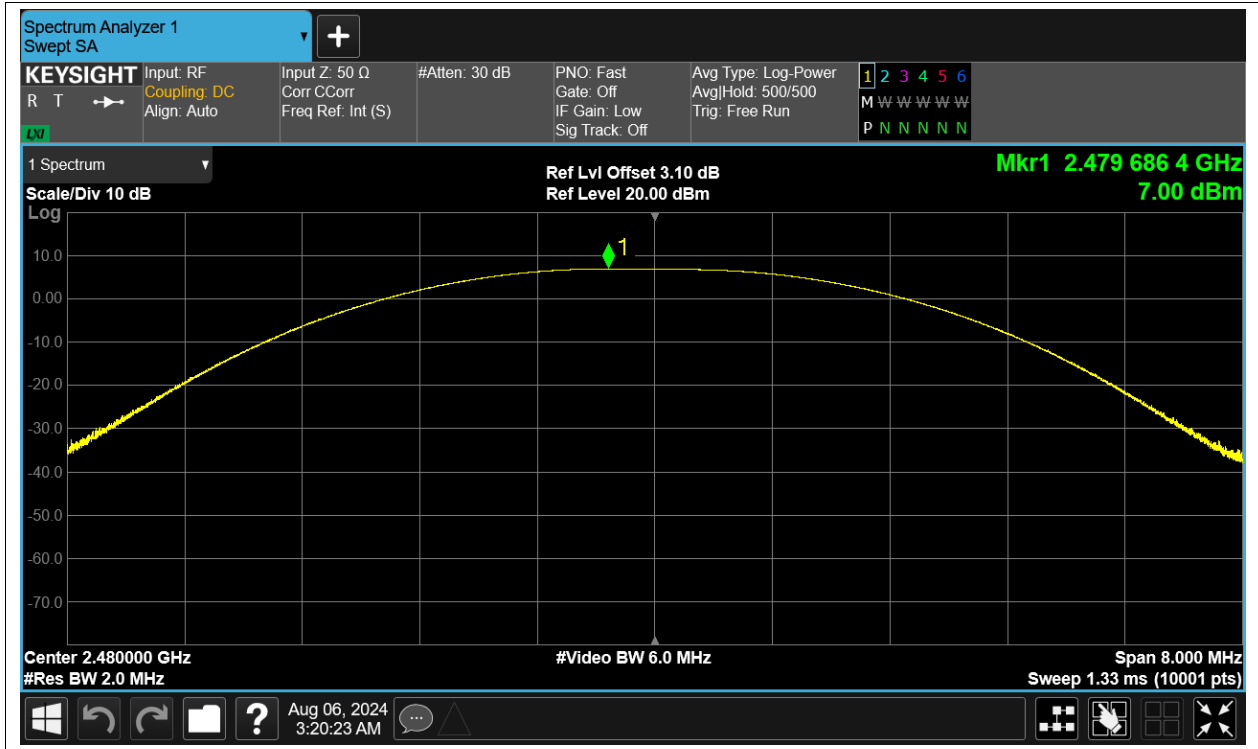
Power NVNT BLE 2402MHz Ant3



Power NVNT BLE 2442MHz Ant3



Power NVNT BLE 2480MHz Ant3

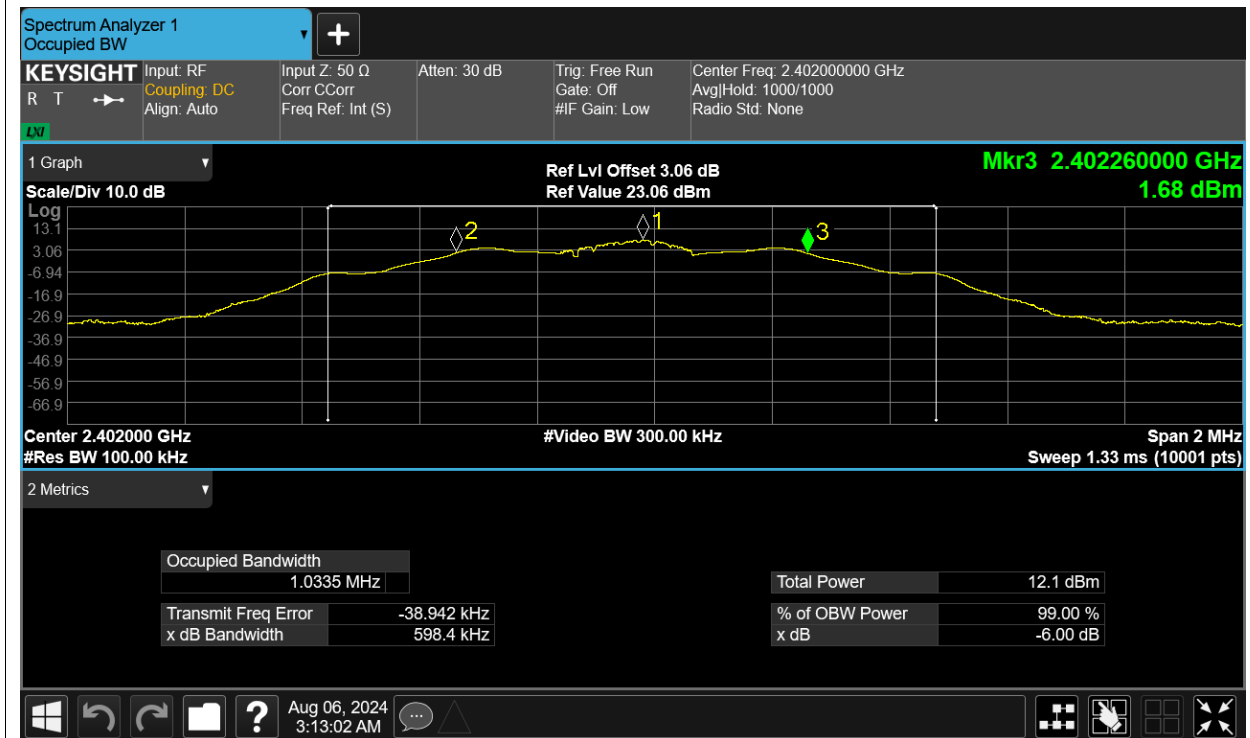


## -6dB Bandwidth

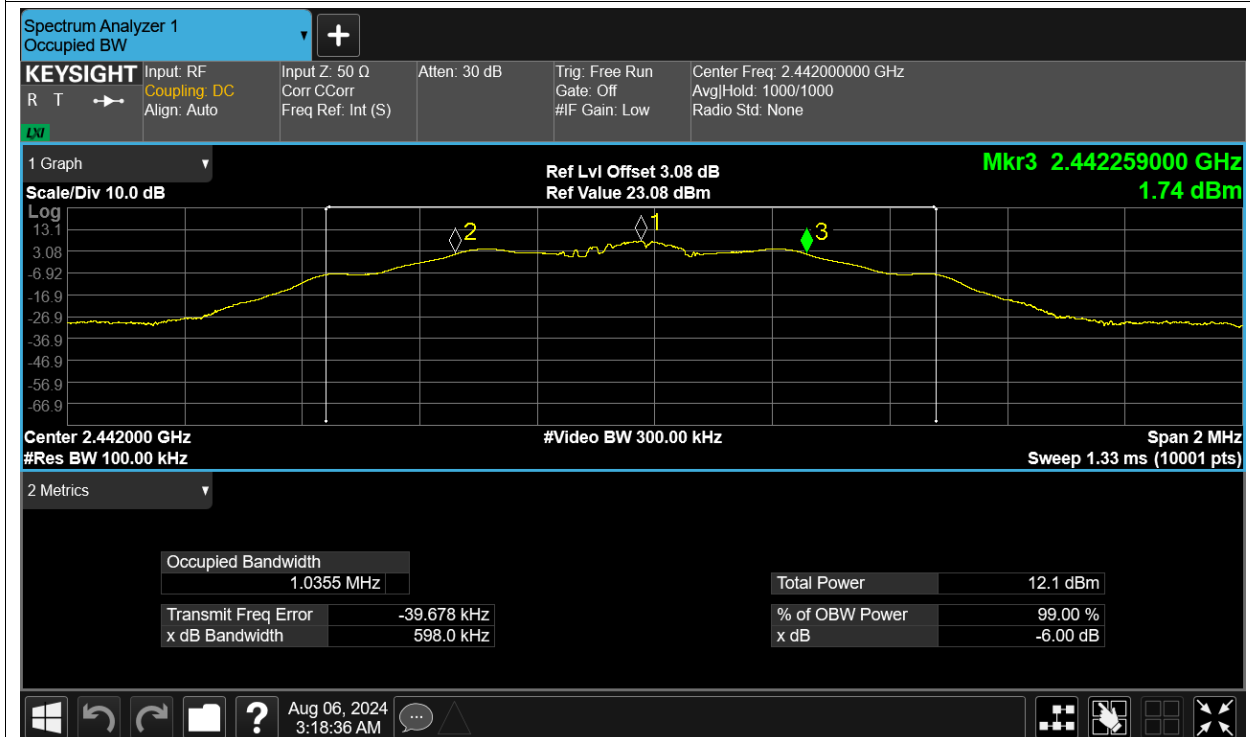
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2402            | Ant3    | 0.598                 | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant3    | 0.598                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant3    | 0.599                 | 0.5   | Pass   |

## Test Graphs

## -6dB Bandwidth NVNT BLE 2402MHz Ant3



## -6dB Bandwidth NVNT BLE 2442MHz Ant3



## -6dB Bandwidth NVNT BLE 2480MHz Ant3

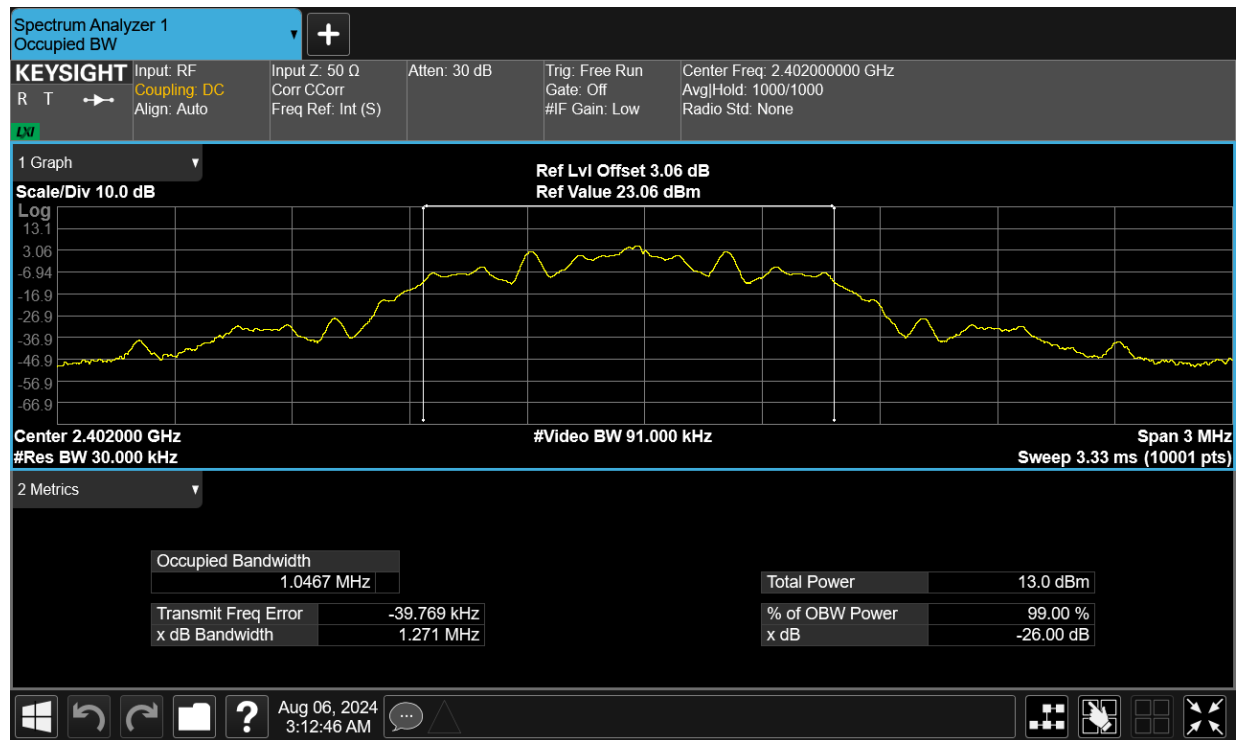


## Occupied Channel Bandwidth

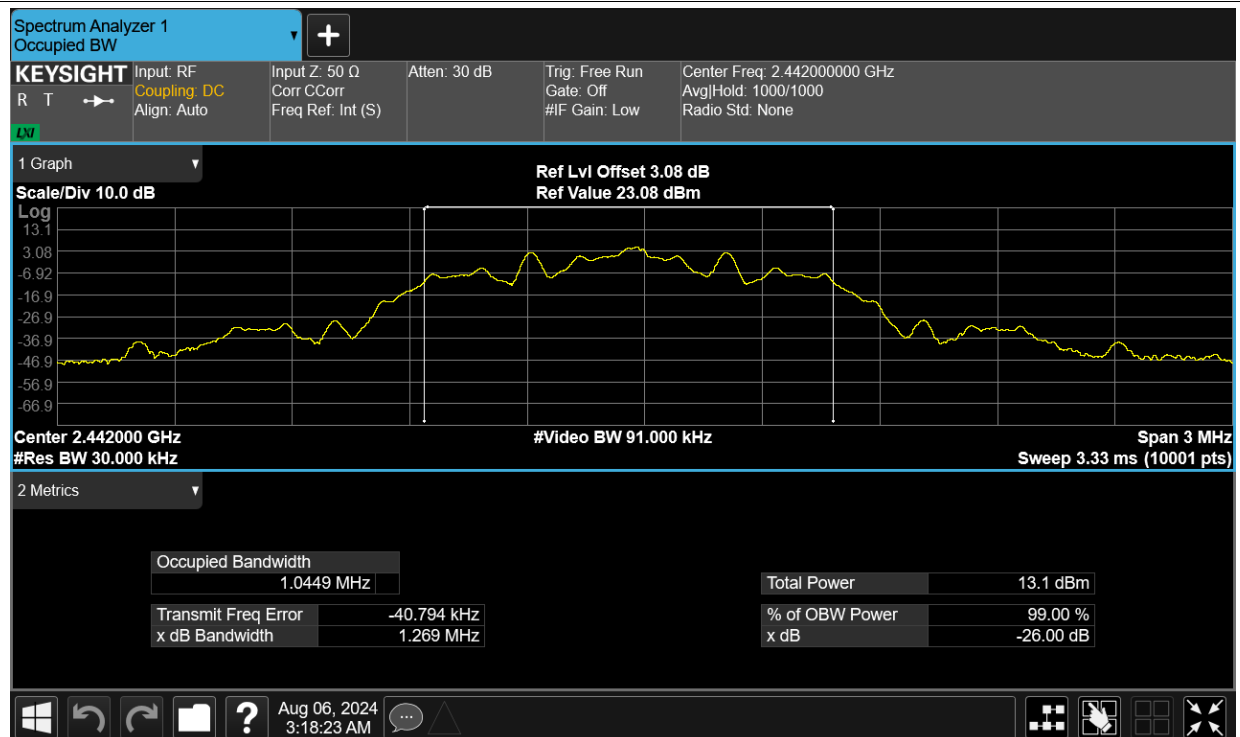
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant3    | 1.047         |
| NVNT      | BLE  | 2442            | Ant3    | 1.045         |
| NVNT      | BLE  | 2480            | Ant3    | 1.045         |

## Test Graphs

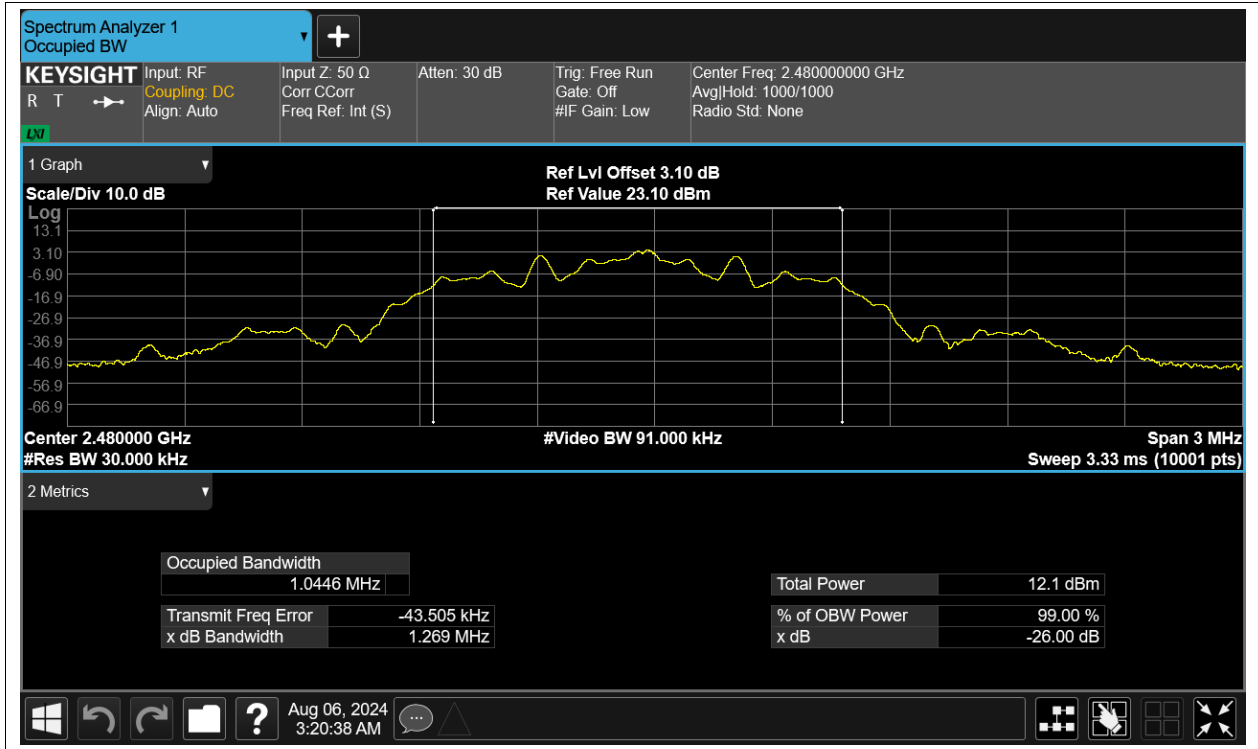
## OBW NVNT BLE 2402MHz Ant3



## OBW NVNT BLE 2442MHz Ant3



## OBW NVNT BLE 2480MHz Ant3

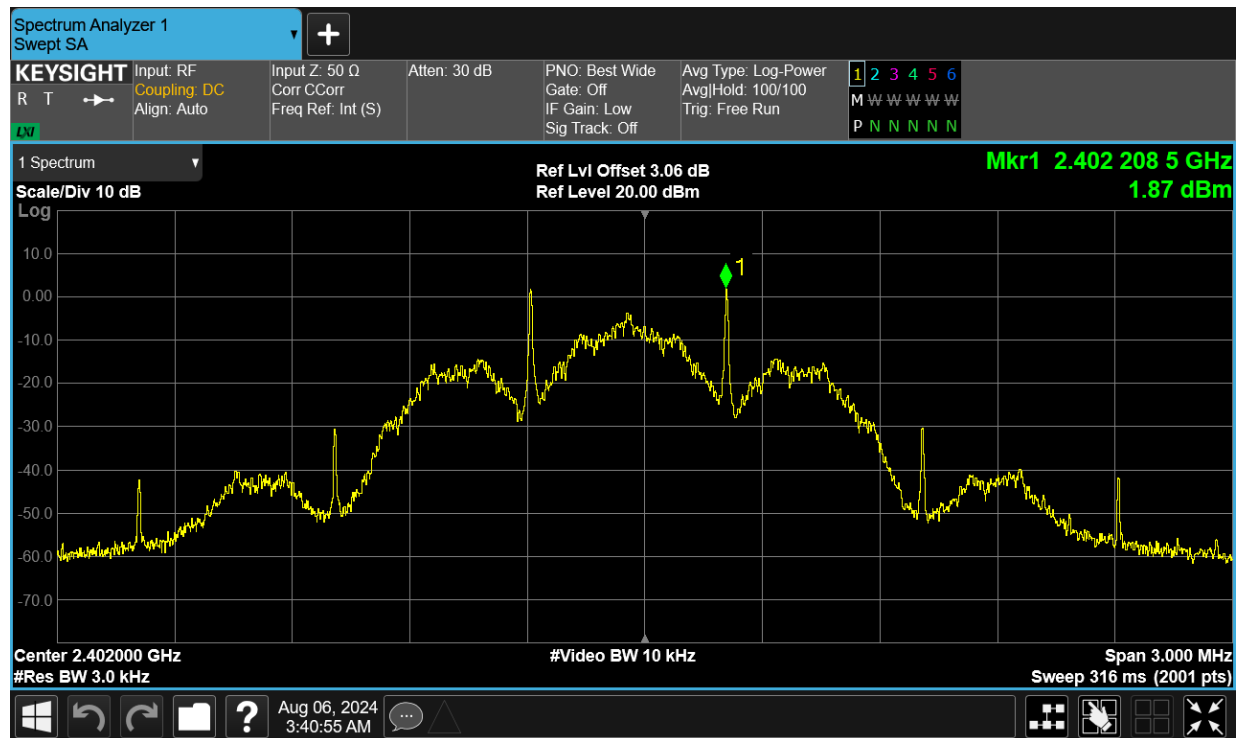


## Maximum Power Spectral Density Level

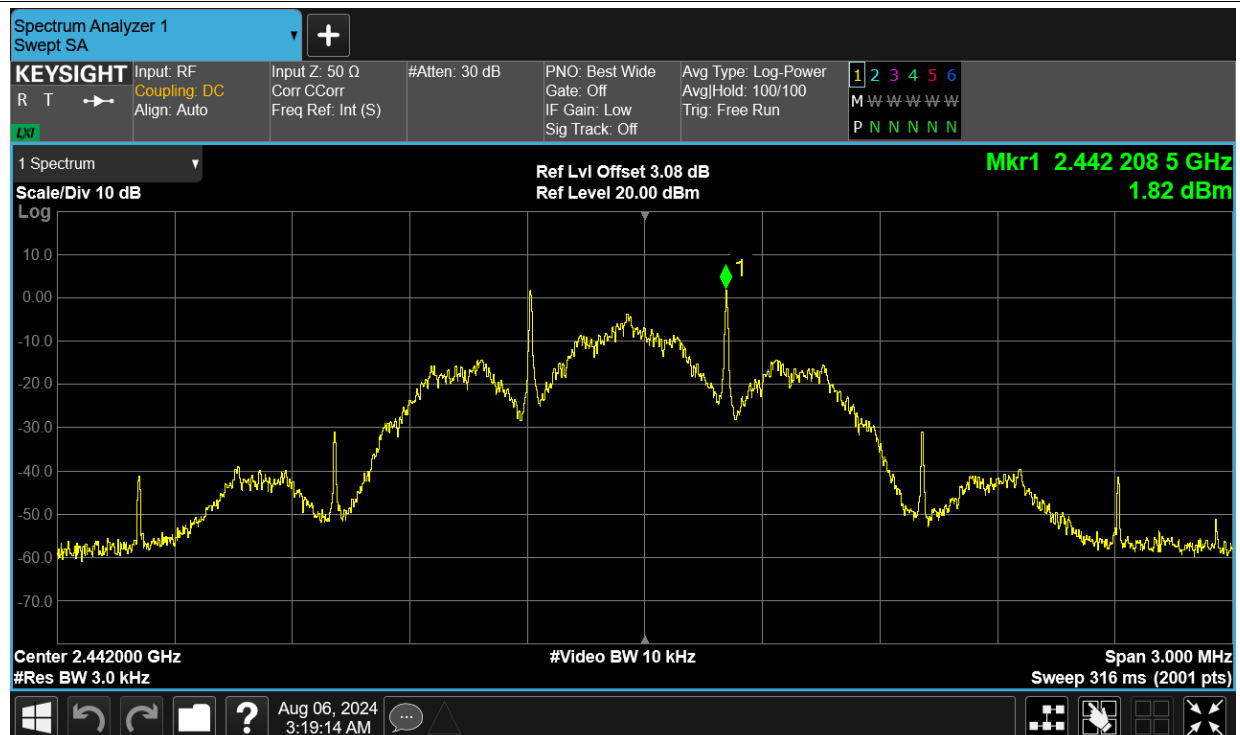
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant3    | 1.866         | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant3    | 1.823         | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant3    | 0.858         | 8           | Pass    |

## Test Graphs

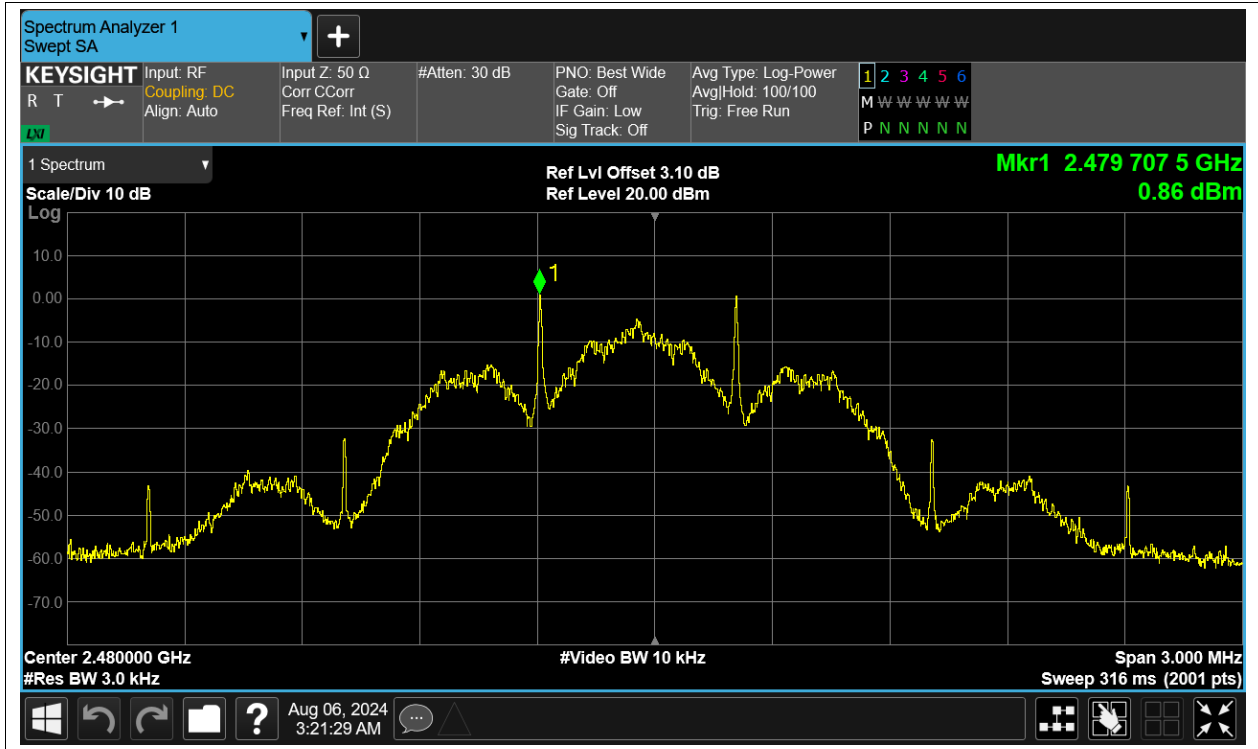
## PSD NVNT BLE 2402MHz Ant3



## PSD NVNT BLE 2442MHz Ant3



## PSD NVNT BLE 2480MHz Ant3

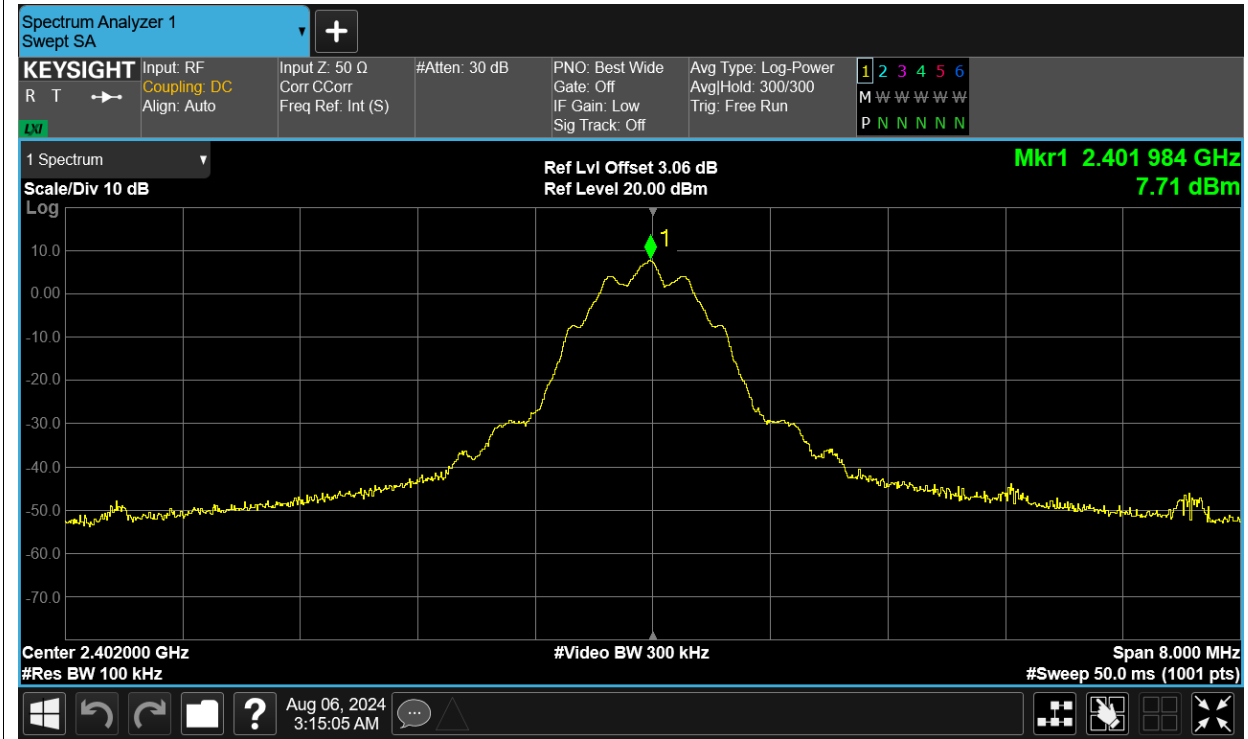


## Band Edge

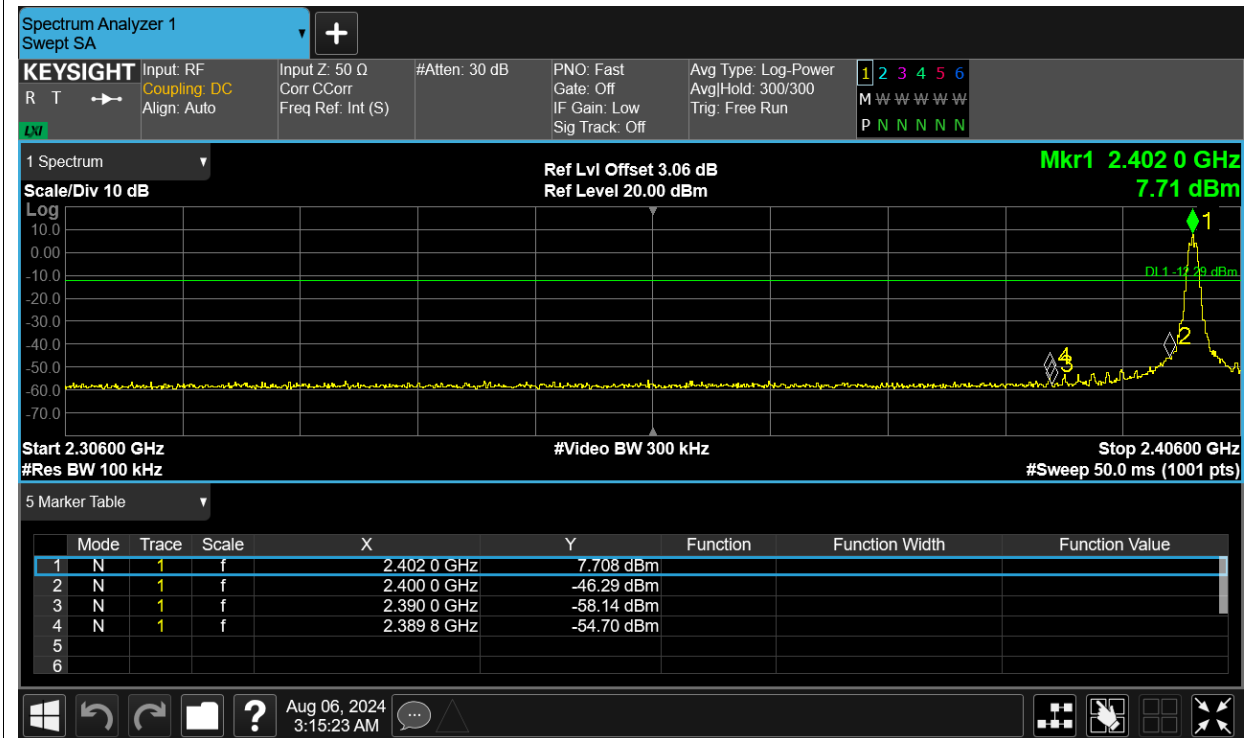
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant3    | -62.41          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant3    | -56.35          | -20         | Pass    |

Test Graphs

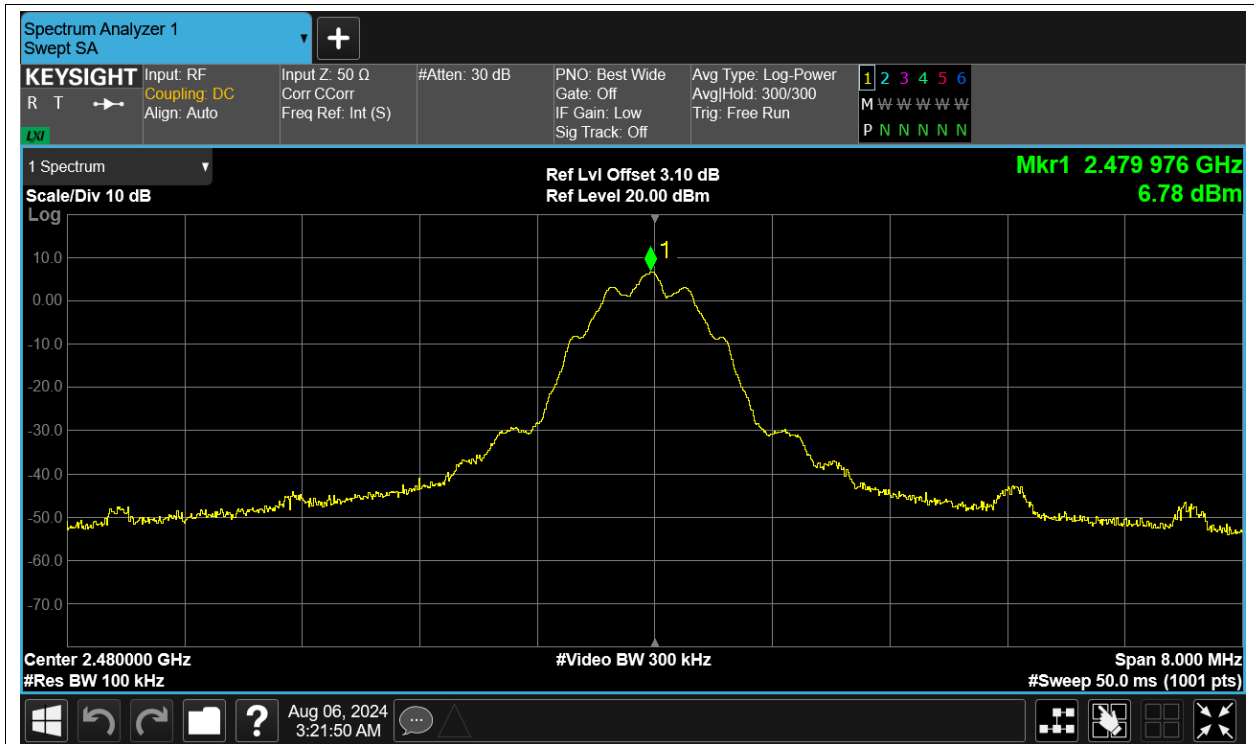
Band Edge NVNT BLE 2402MHz Ant3 Ref



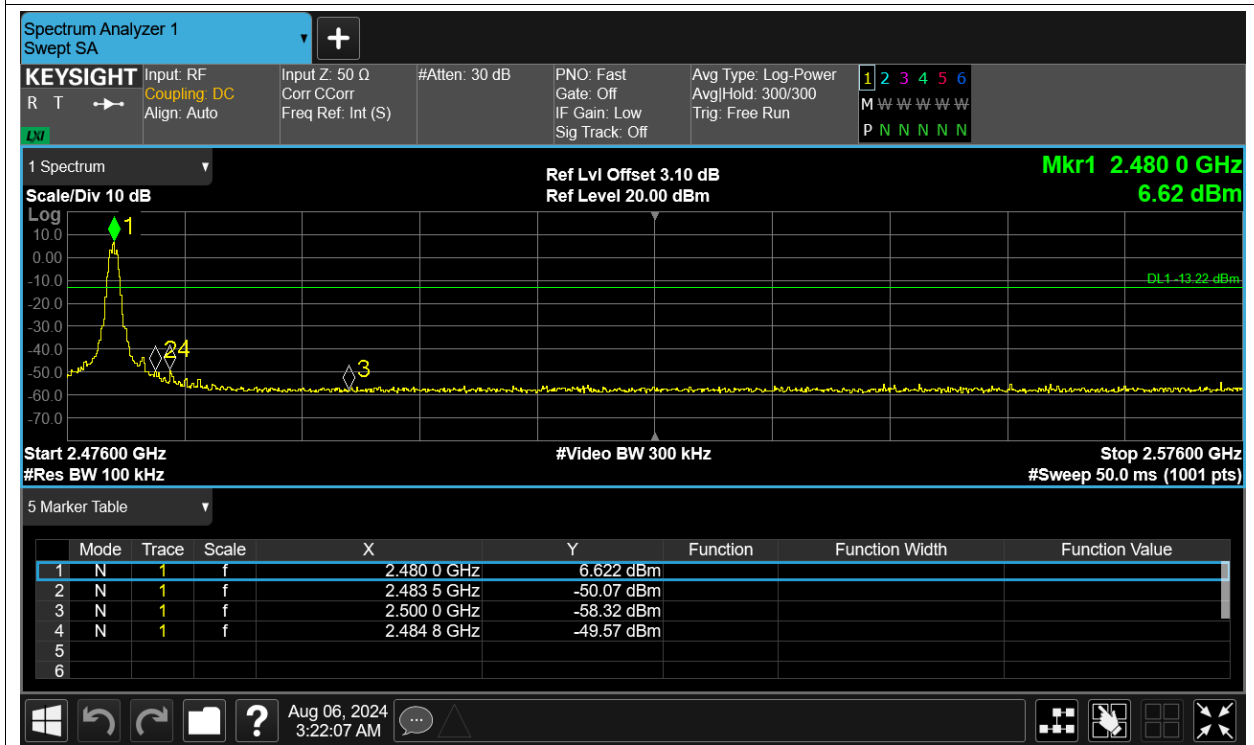
Band Edge NVNT BLE 2402MHz Ant3 Emission



Band Edge NVNT BLE 2480MHz Ant3 Ref



Band Edge NVNT BLE 2480MHz Ant3 Emission

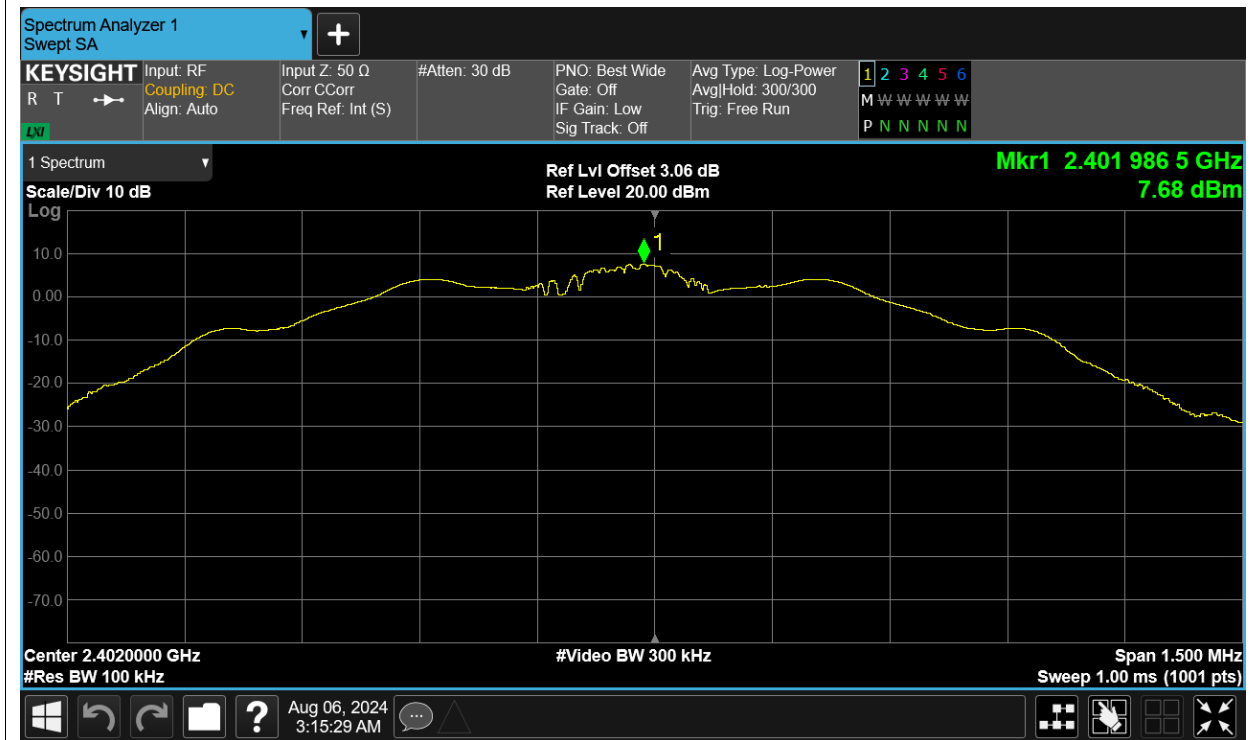


## Conducted RF Spurious Emission

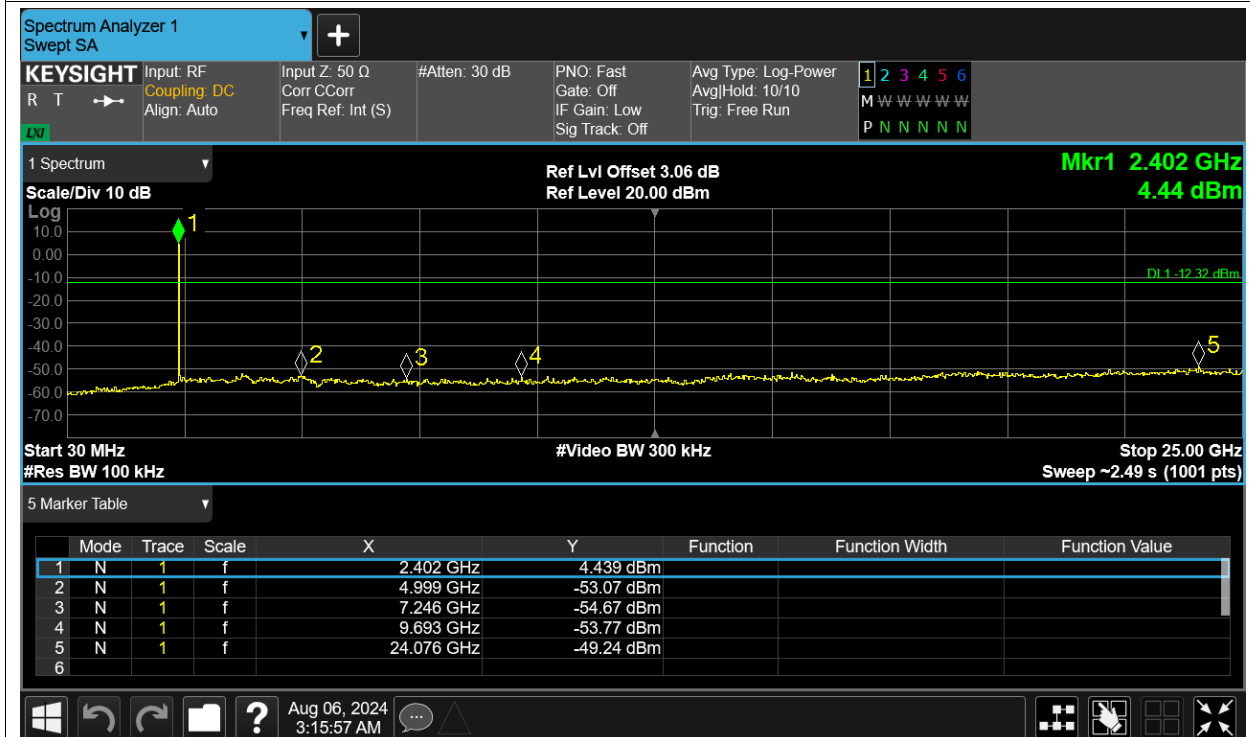
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant3    | -56.92          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant3    | -57.04          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant3    | -55.99          | -20         | Pass    |

## Test Graphs

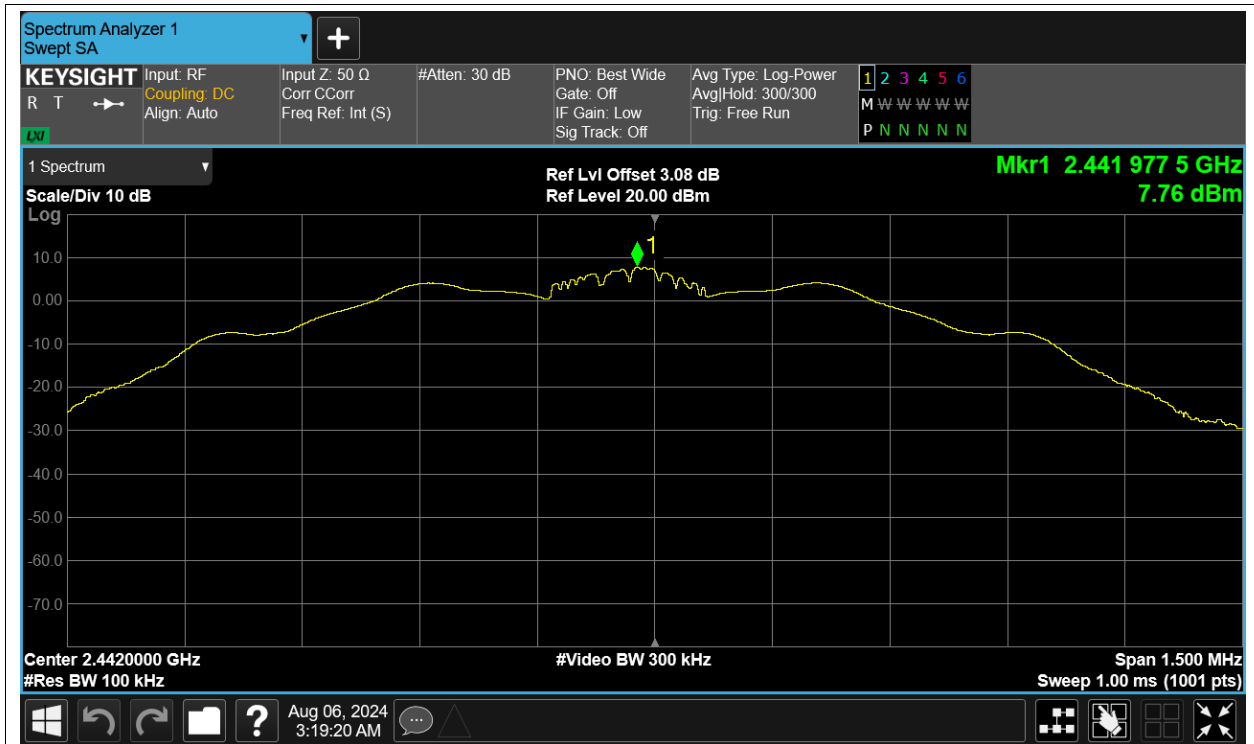
Tx. Spurious NVNT BLE 2402MHz Ant3 Ref



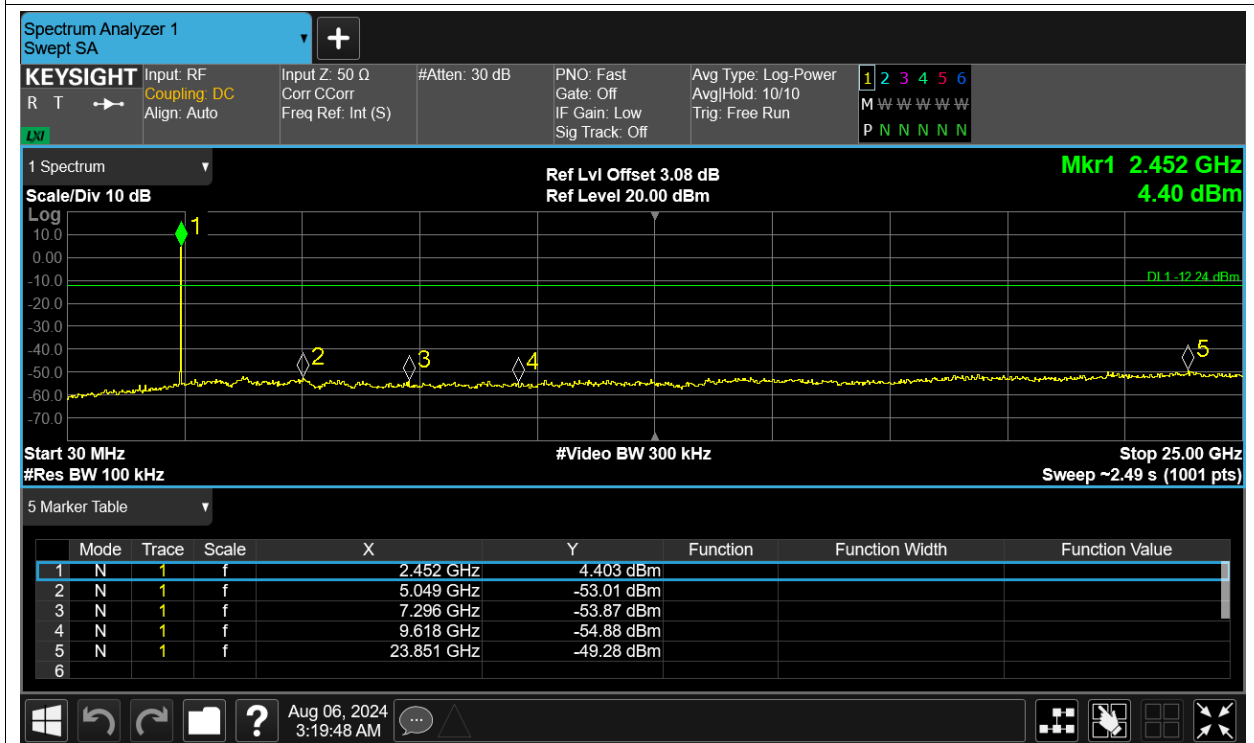
Tx. Spurious NVNT BLE 2402MHz Ant3 Emission



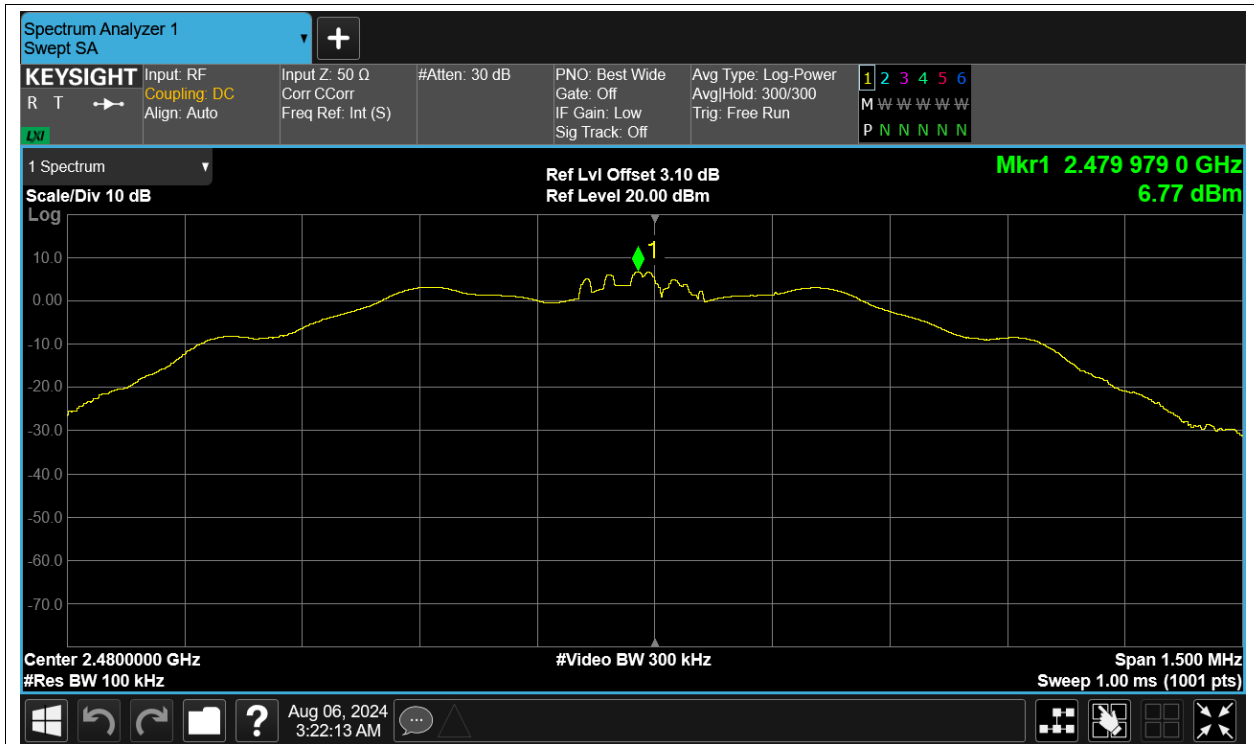
Tx. Spurious NVNT BLE 2442MHz Ant3 Ref



Tx. Spurious NVNT BLE 2442MHz Ant3 Emission



Tx. Spurious NVNT BLE 2480MHz Ant3 Ref



Tx. Spurious NVNT BLE 2480MHz Ant3 Emission

