

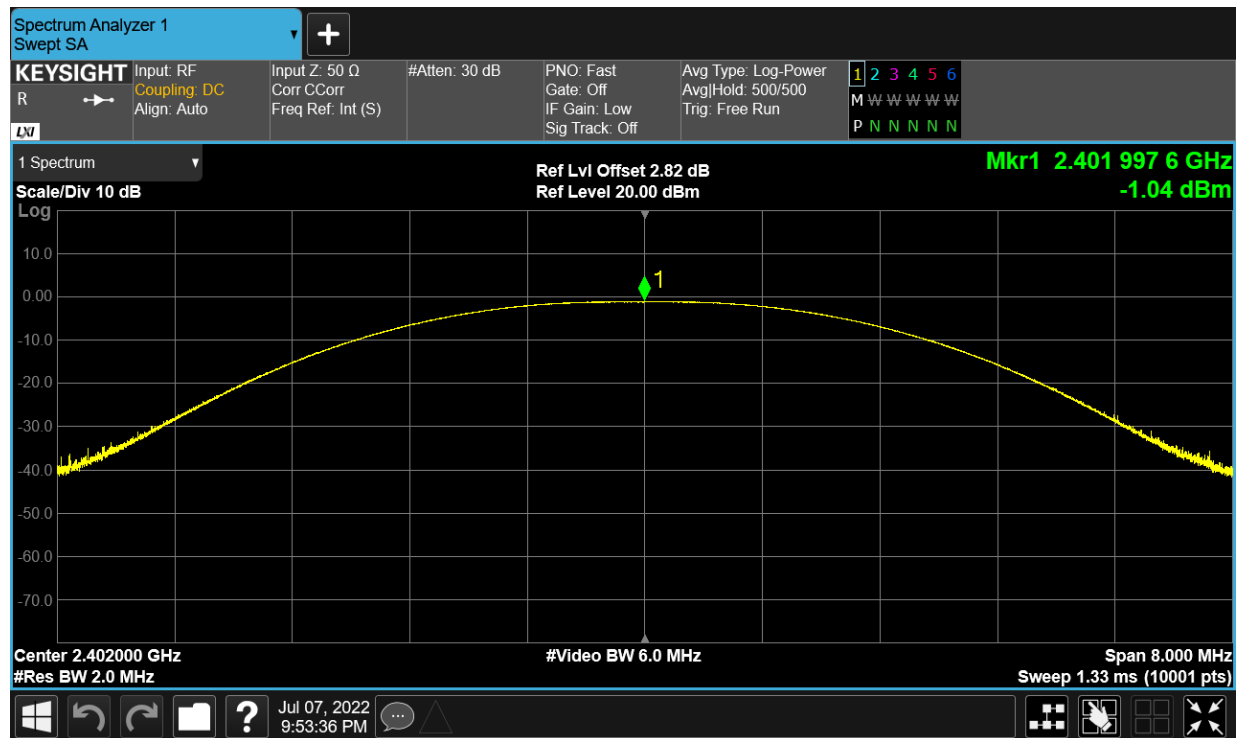
## Test Data

### Maximum Conducted Output Power

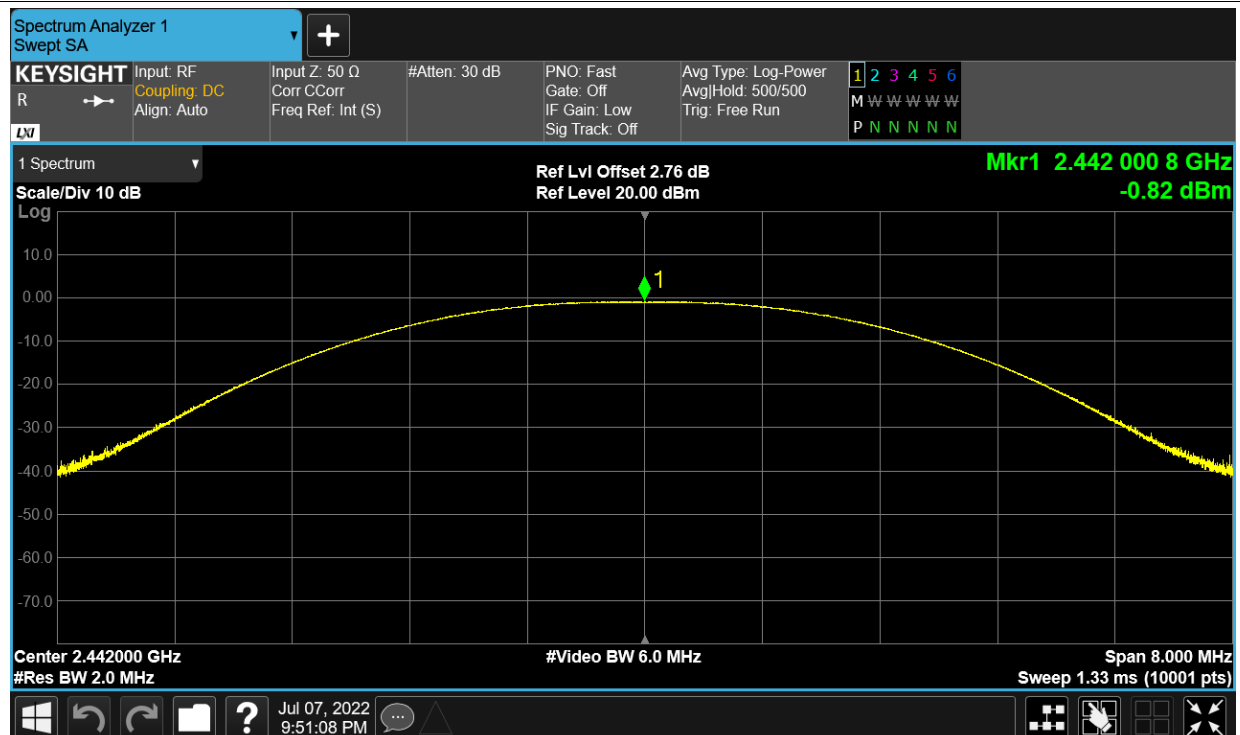
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -1.038                | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -0.818                | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -0.768                | 30          | Pass    |

## Test Graphs

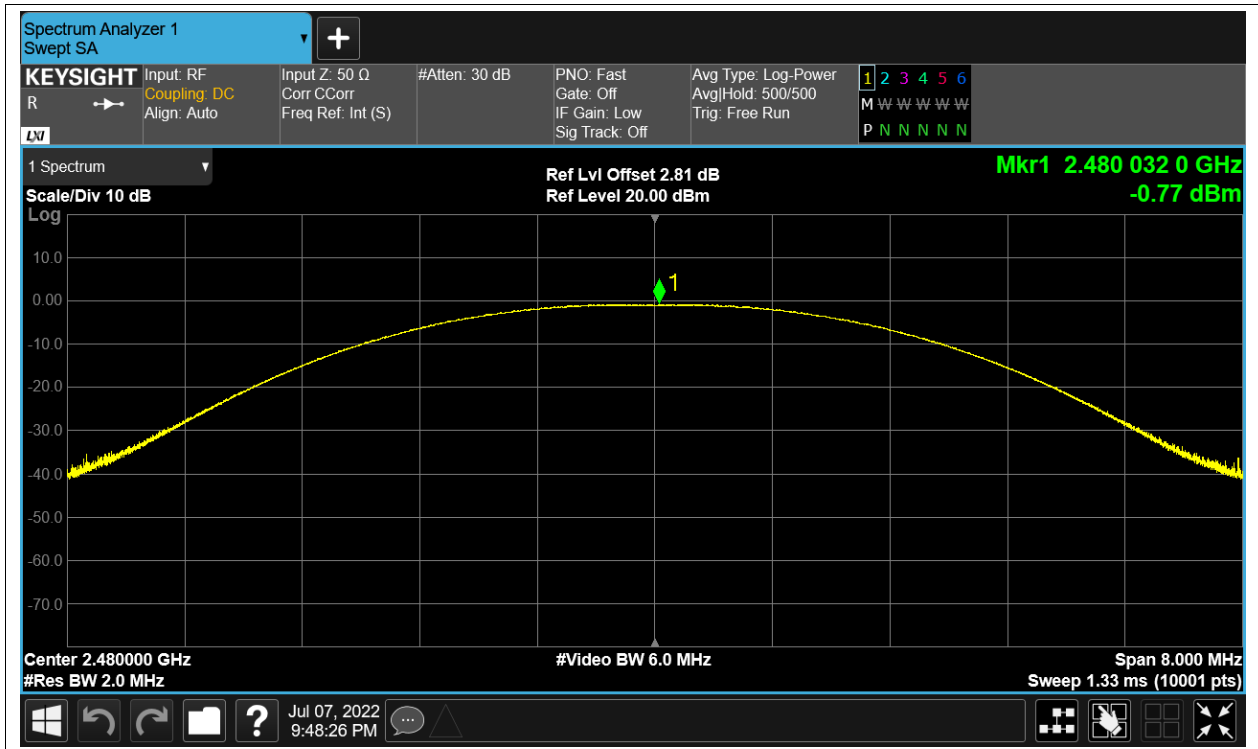
## Power NVNT BLE 2402MHz Ant1



## 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    | 0.671                 | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant1    | 0.662                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant1    | 0.662                 | 0.5   | Pass   |

## Test Graphs

## -6dB Bandwidth NVNT BLE 2402MHz Ant1



## -6dB Bandwidth NVNT BLE 2442MHz Ant1



## -6dB Bandwidth NVNT BLE 2480MHz Ant1

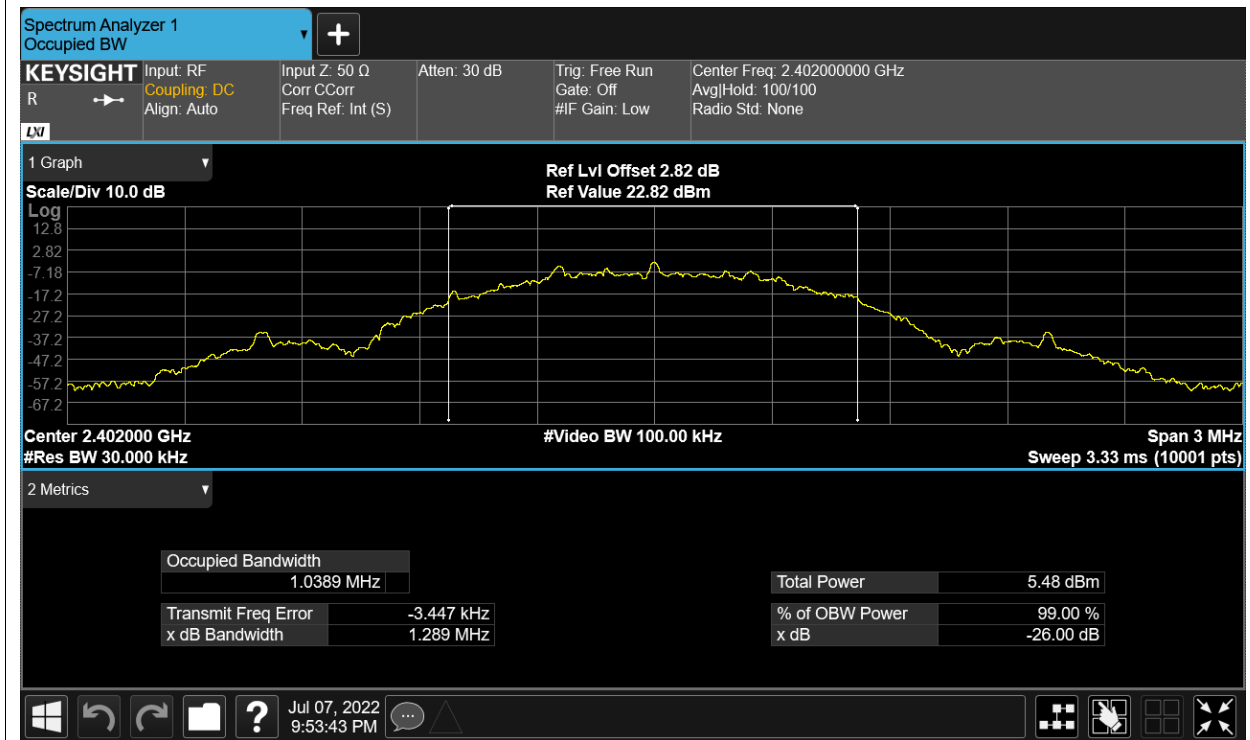


## Occupied Channel Bandwidth

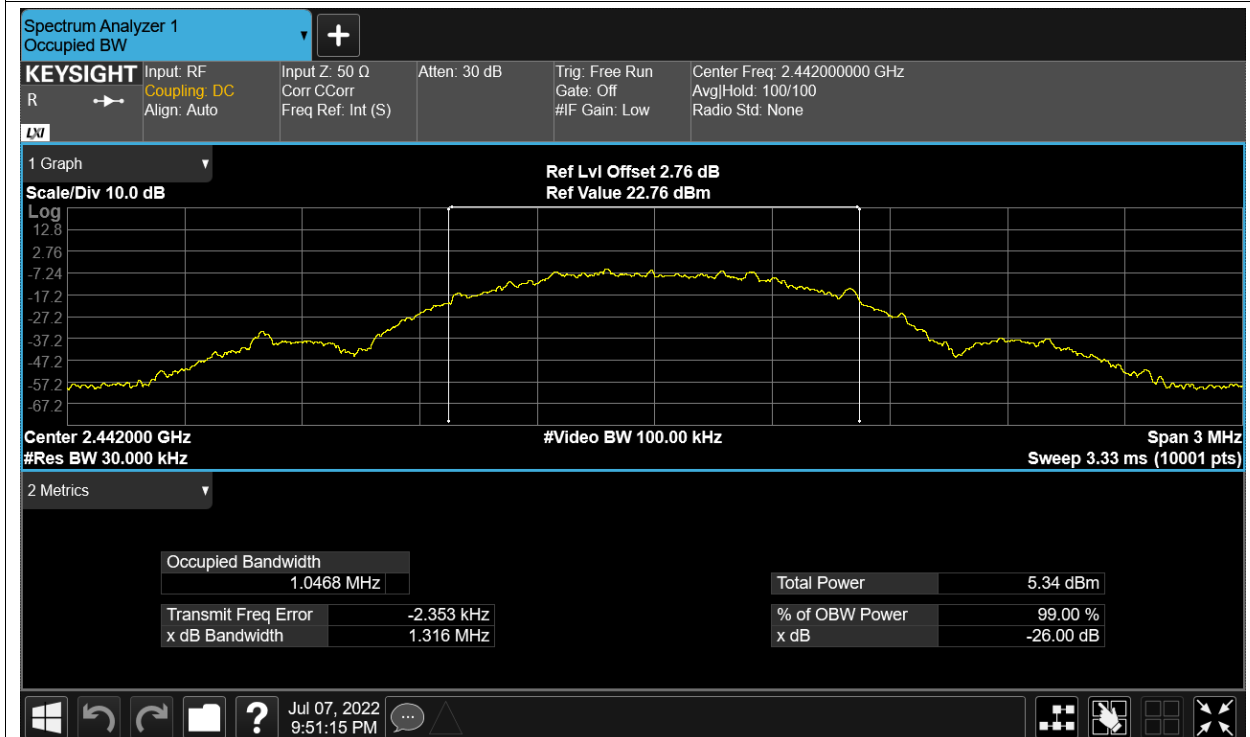
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.038871023   |
| NVNT      | BLE  | 2442            | Ant1    | 1.046818791   |
| NVNT      | BLE  | 2480            | Ant1    | 1.027661524   |

## Test Graphs

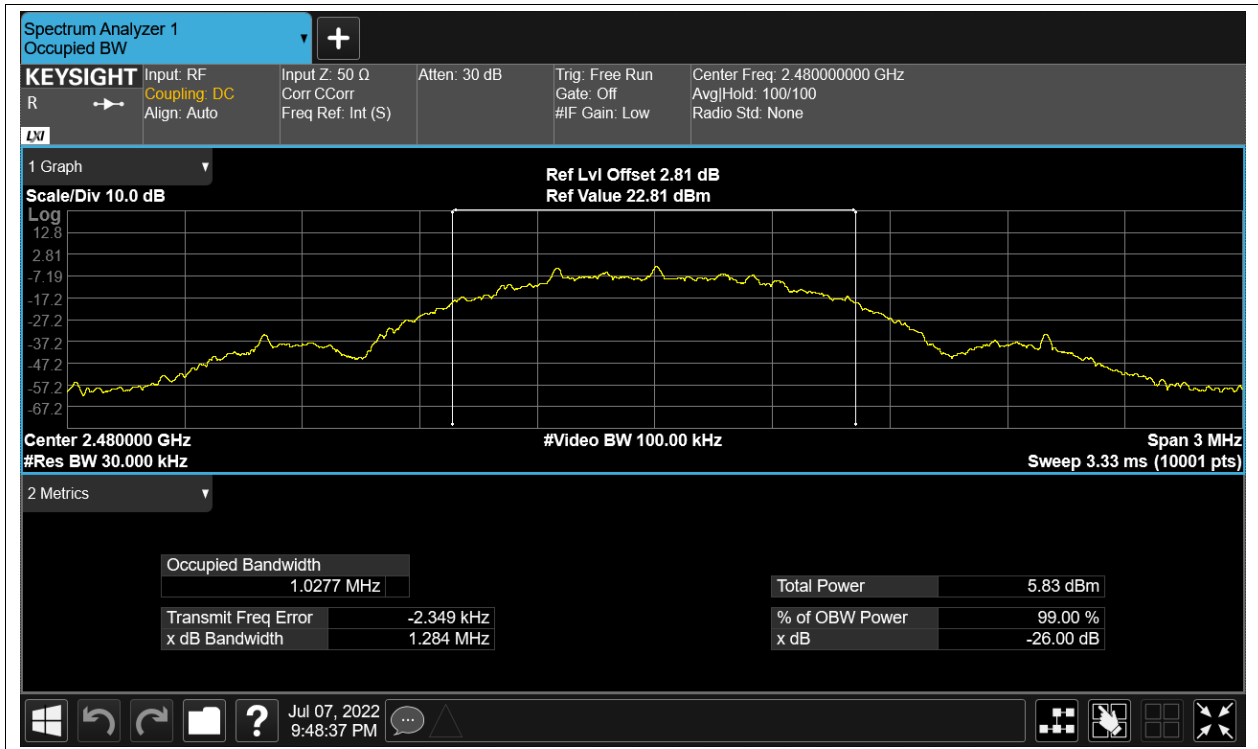
## OBW NVNT BLE 2402MHz Ant1



## OBW NVNT BLE 2442MHz Ant1



## OBW NVNT BLE 2480MHz Ant1

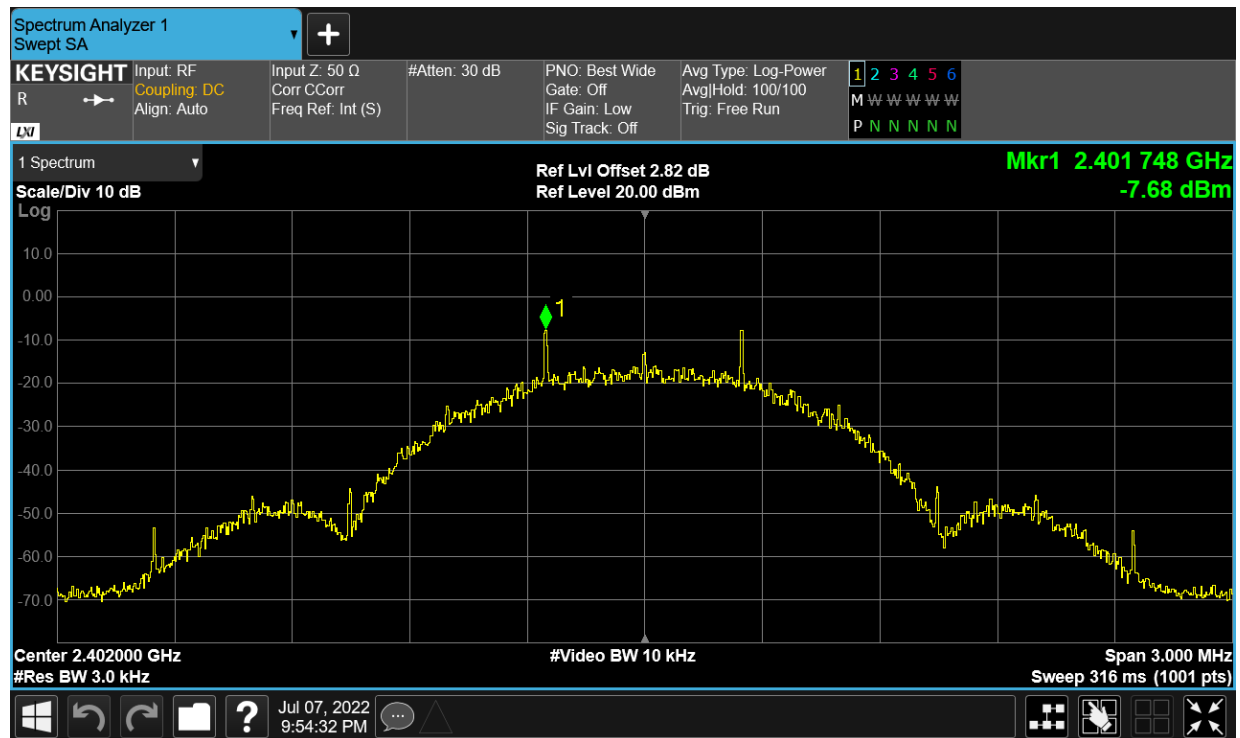


## Maximum Power Spectral Density Level

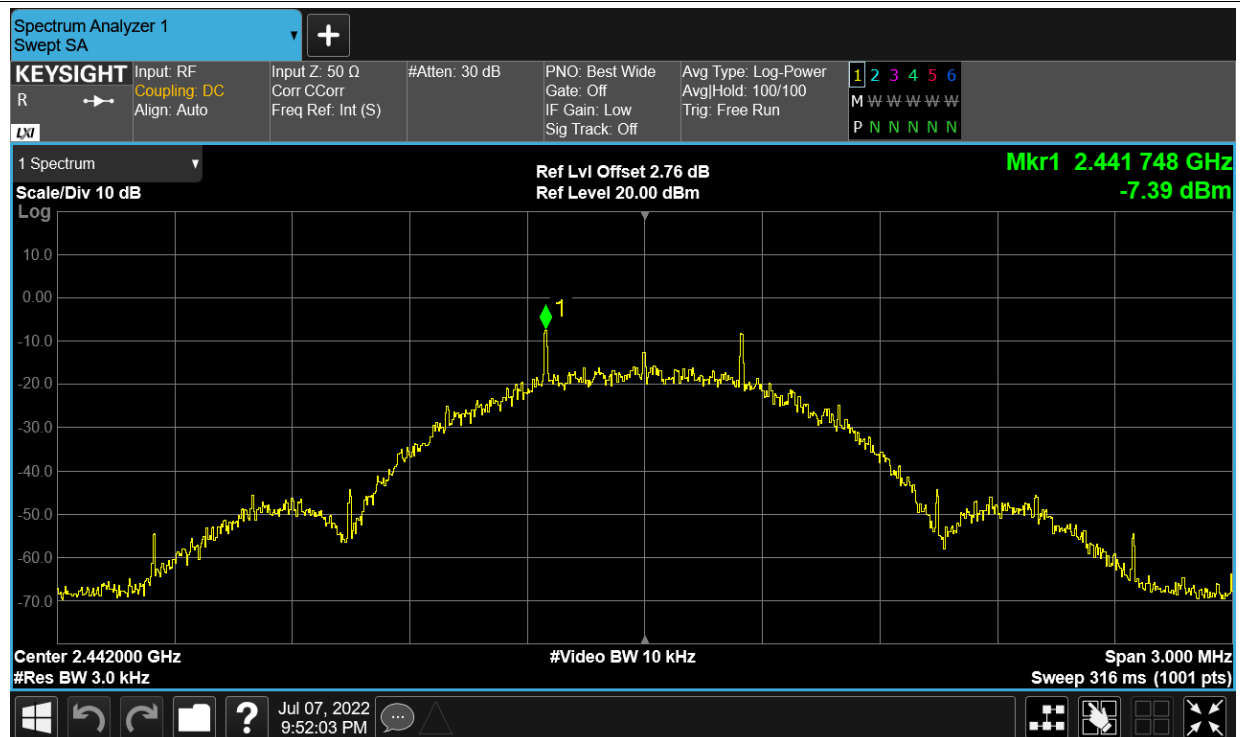
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -7.685        | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -7.386        | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -7.619        | 8           | Pass    |

## Test Graphs

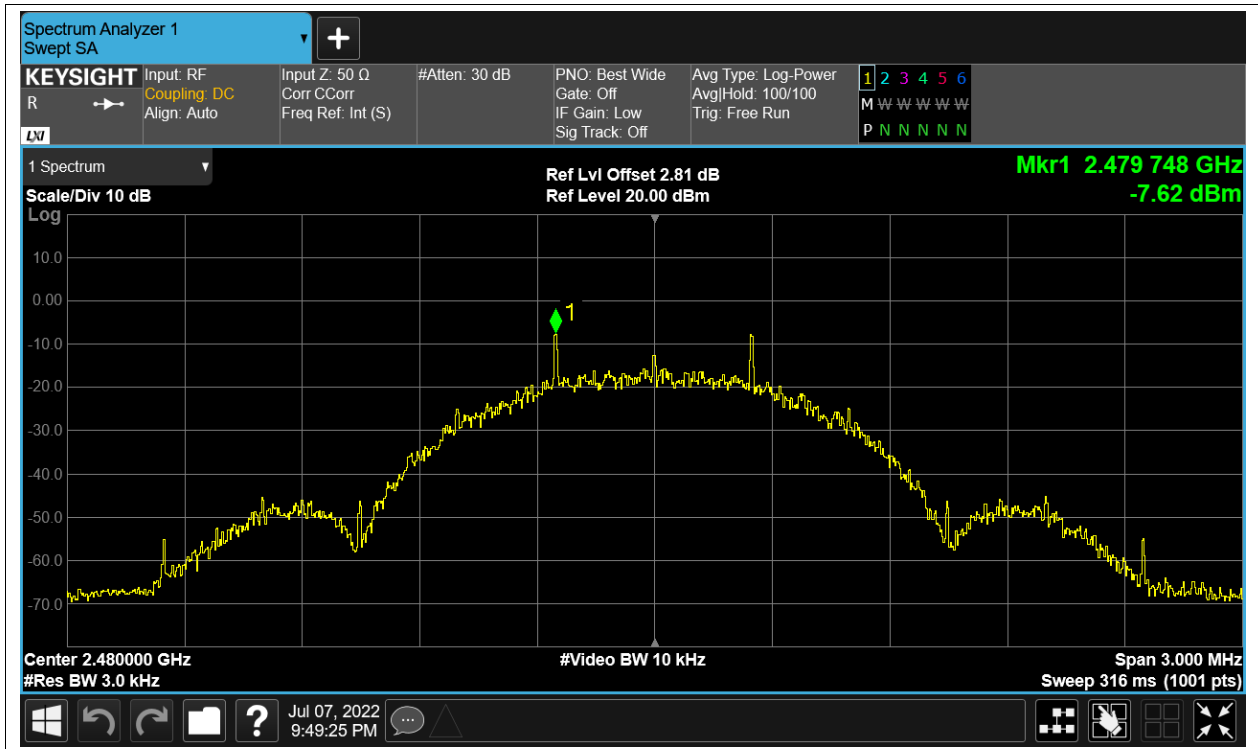
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1

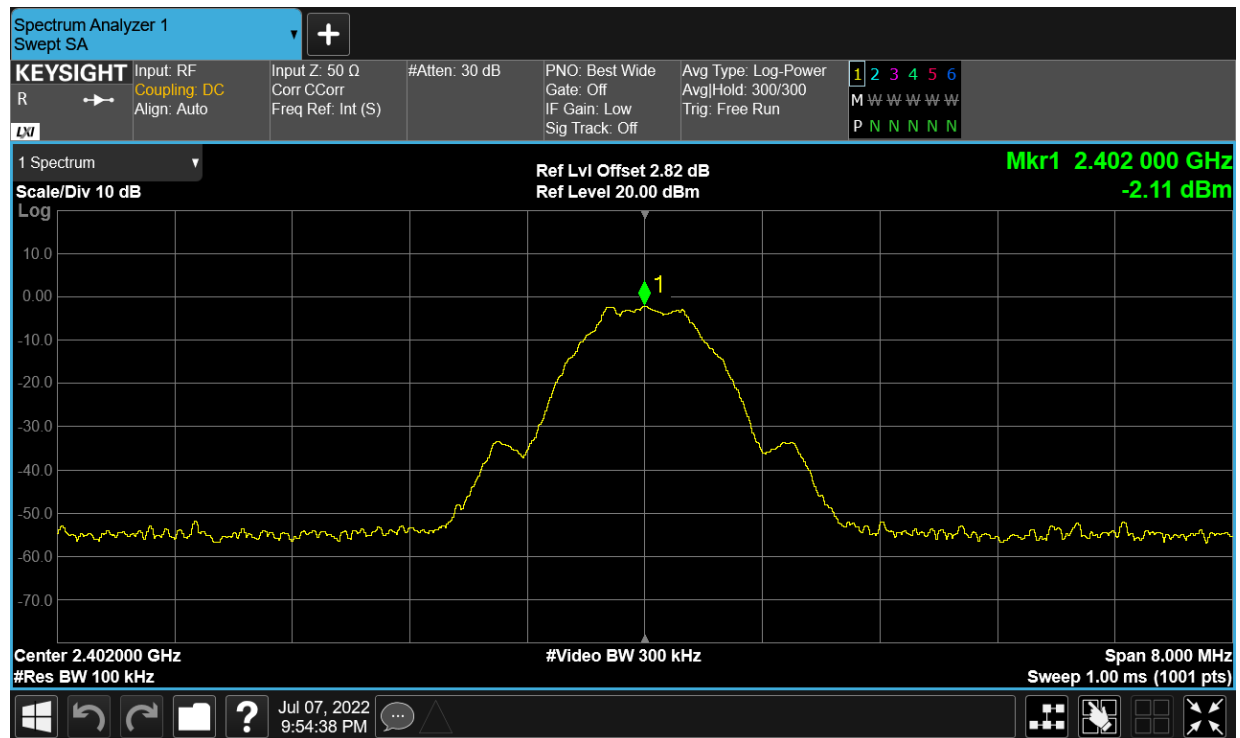


## Band Edge

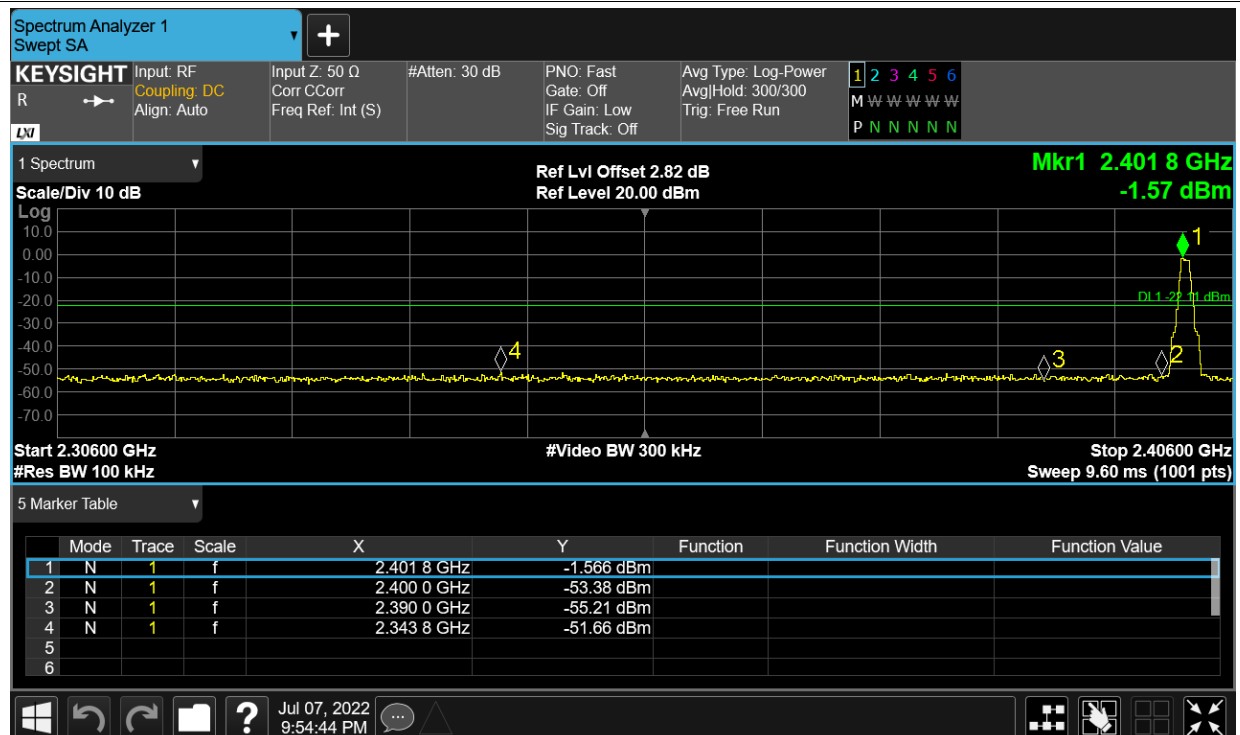
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -49.55          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -50.08          | -20         | Pass    |

## Test Graphs

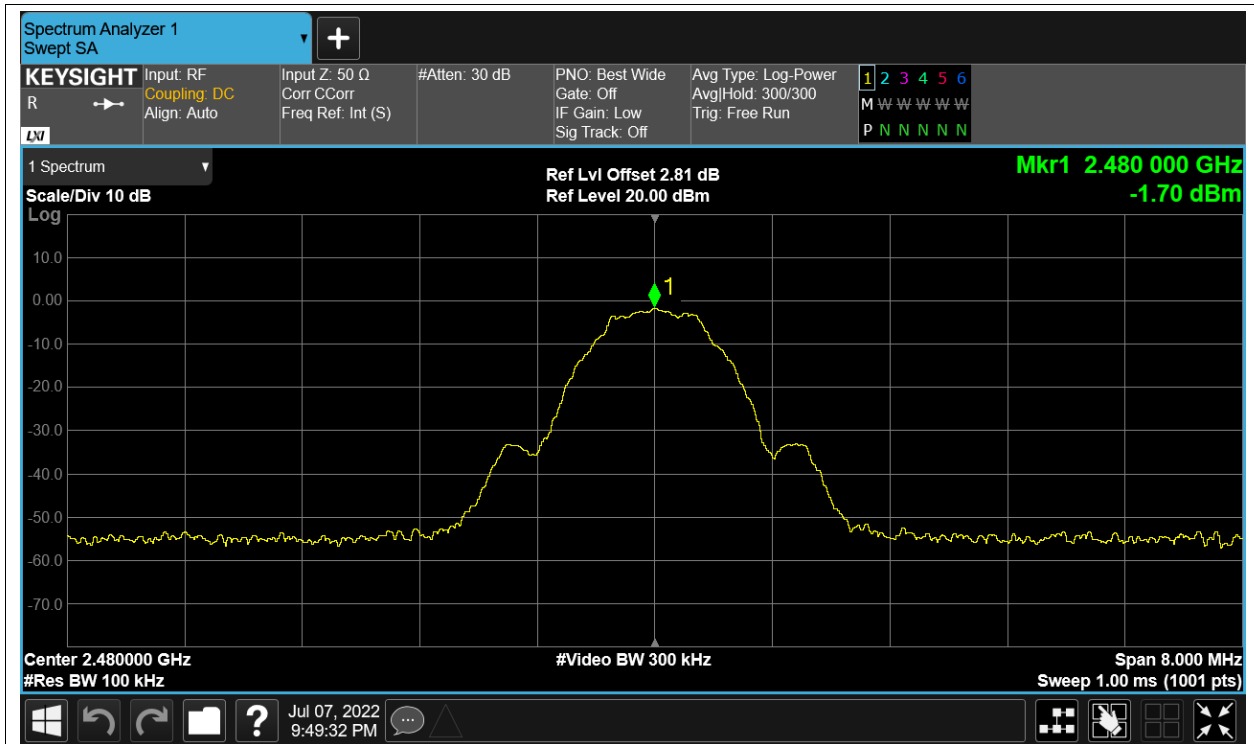
## Band Edge NVNT BLE 2402MHz Ant1 Ref



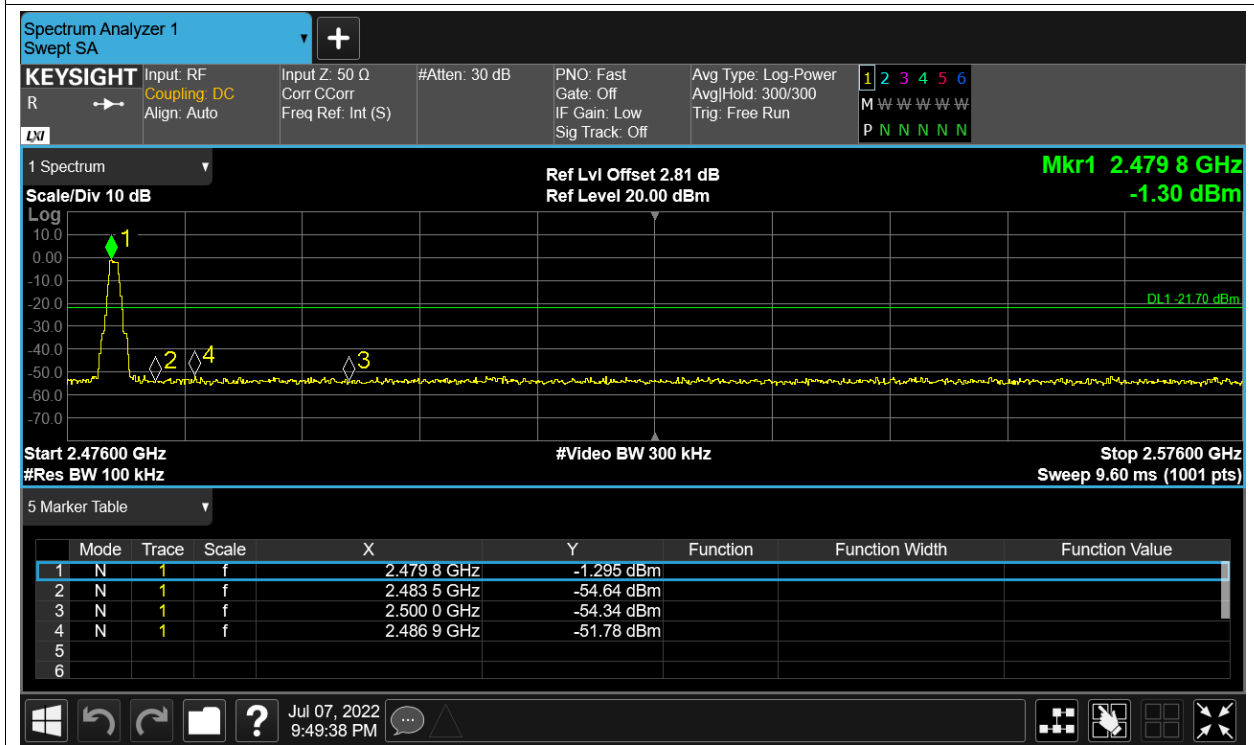
## Band Edge NVNT BLE 2402MHz Ant1 Emission



## Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission

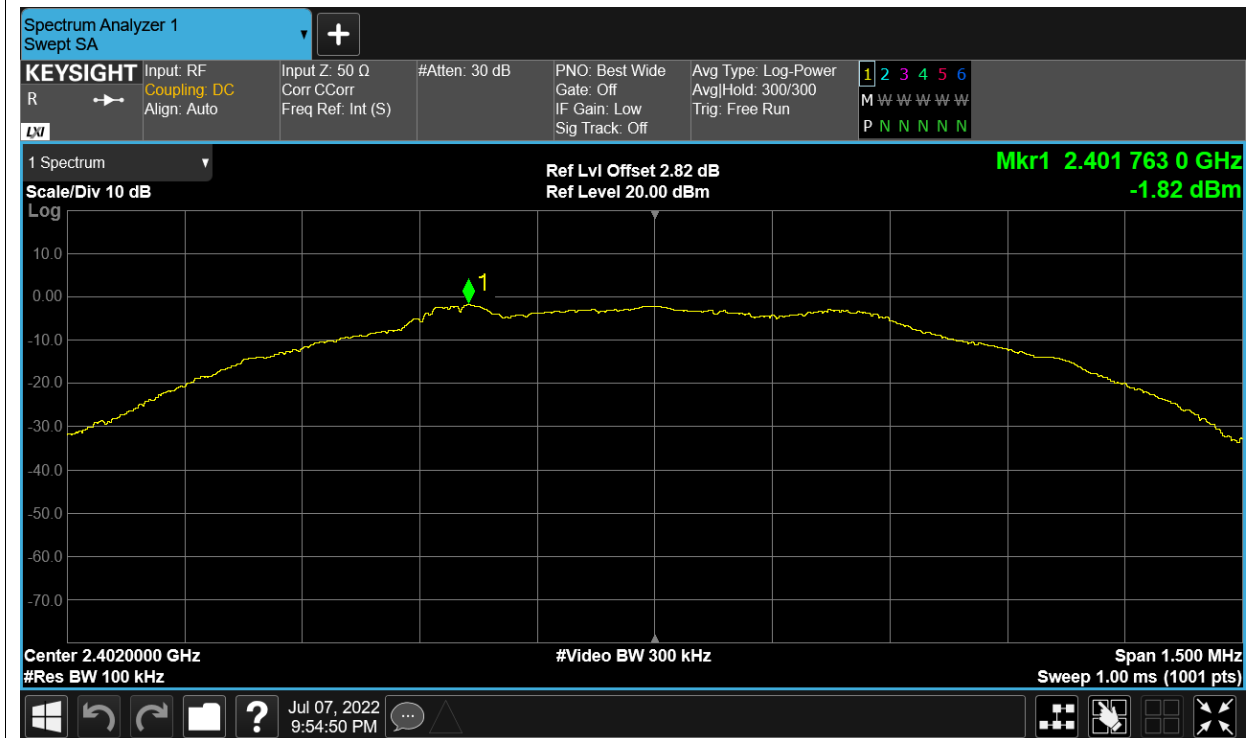


## Conducted RF Spurious Emission

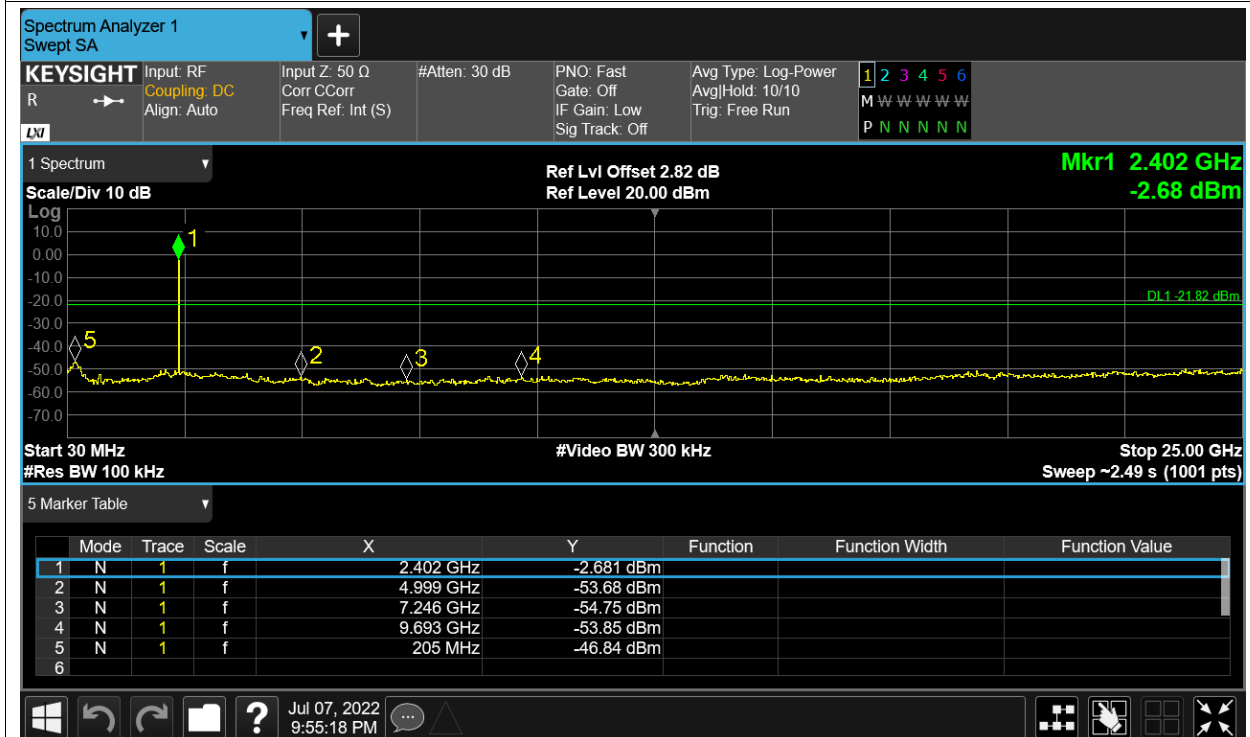
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -45.03          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -43.85          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -44.56          | -20         | Pass    |

## Test Graphs

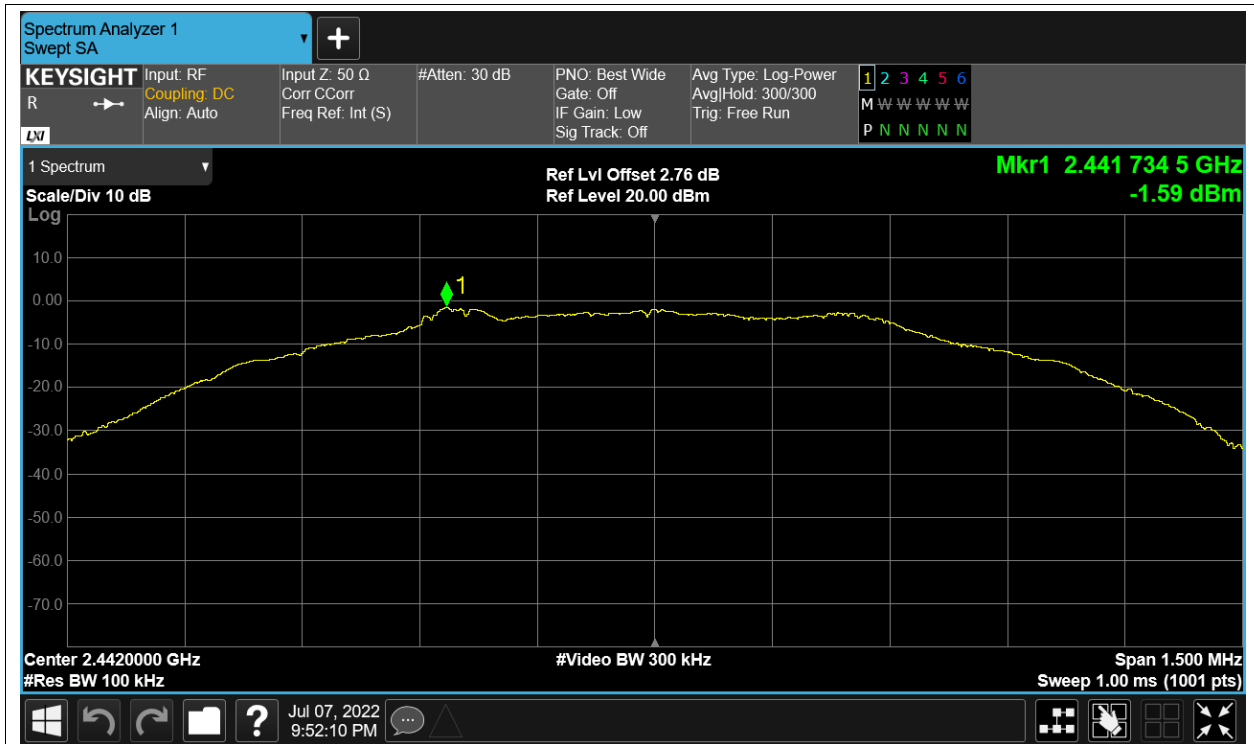
## Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



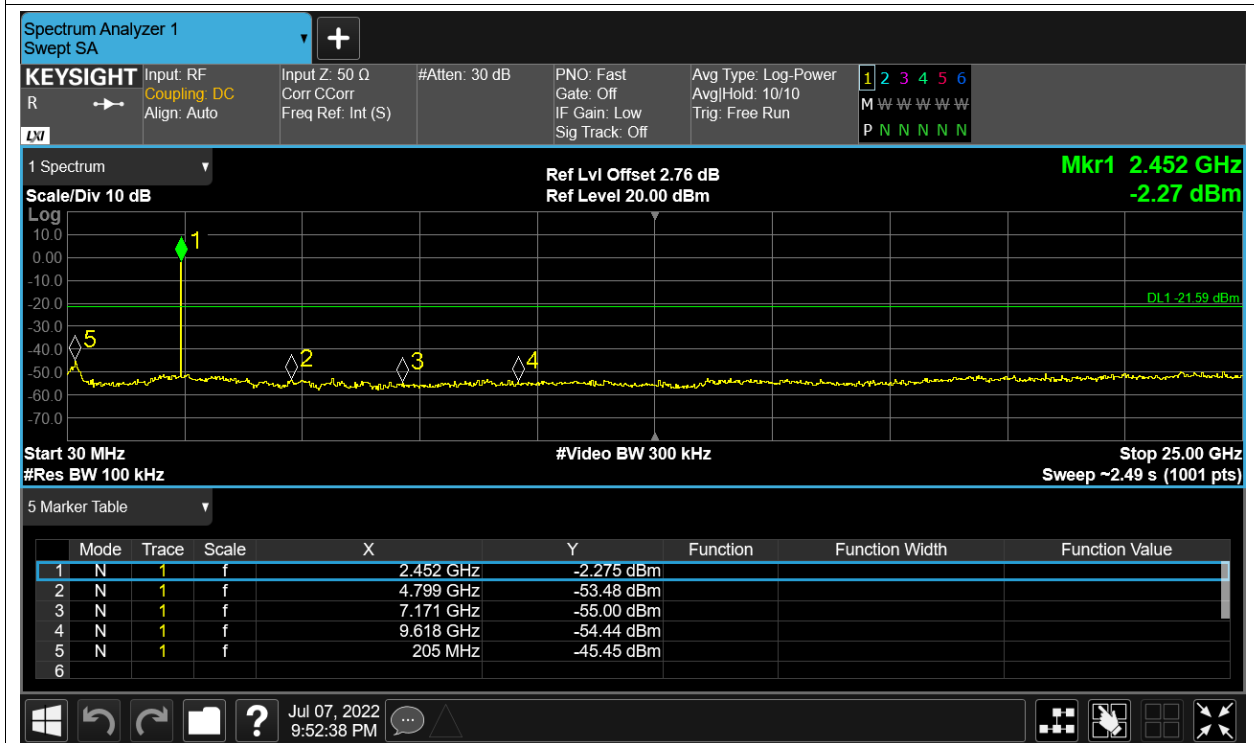
## Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



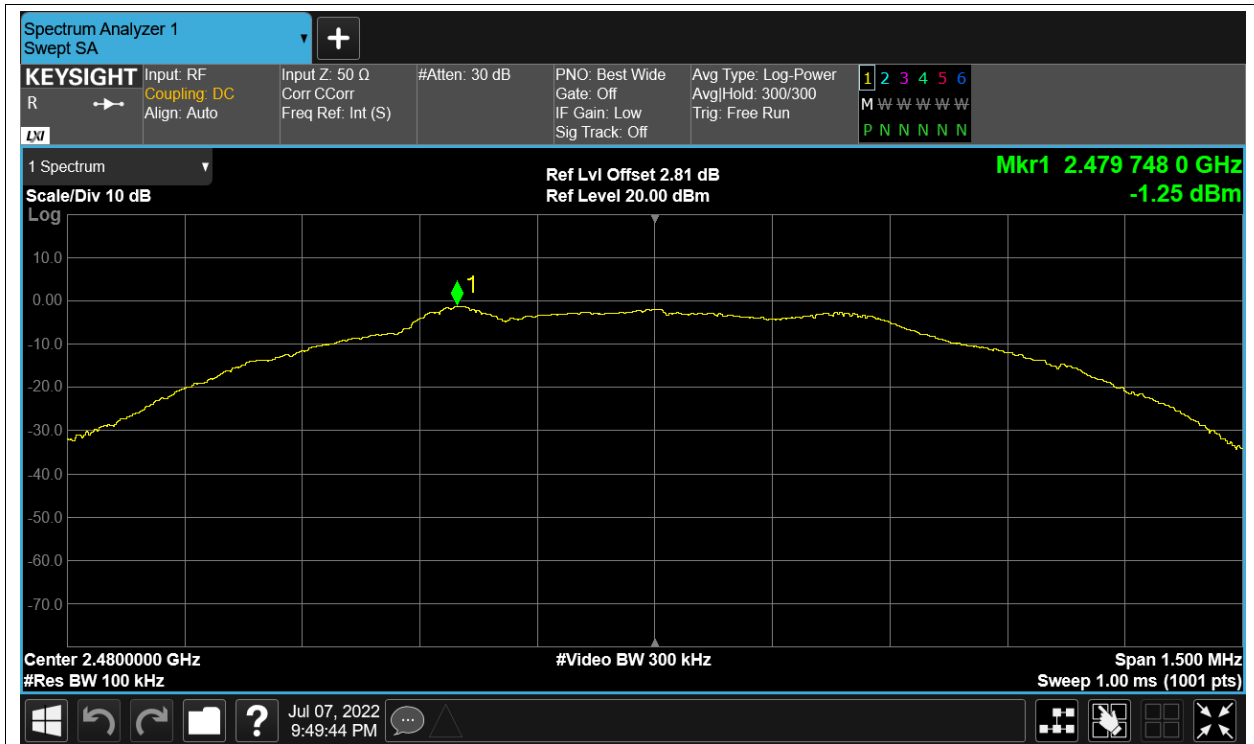
## Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

