

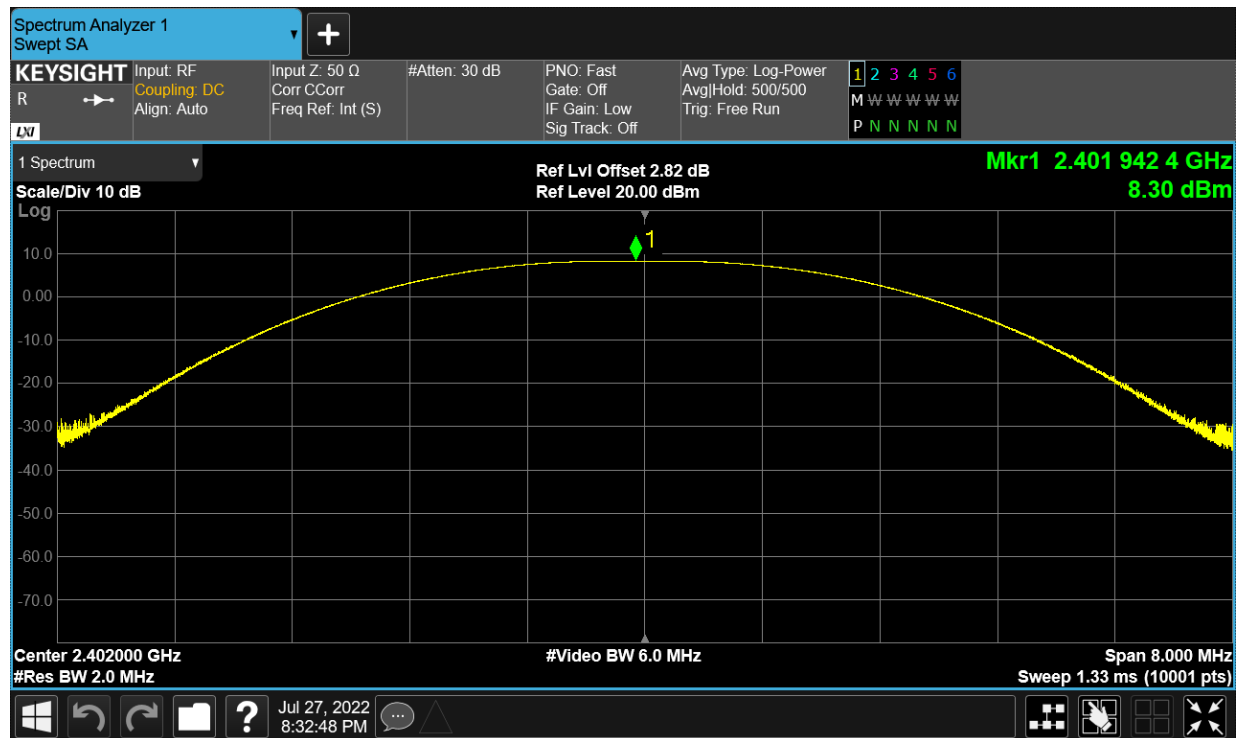
## Test Data

### Maximum Conducted Output Power

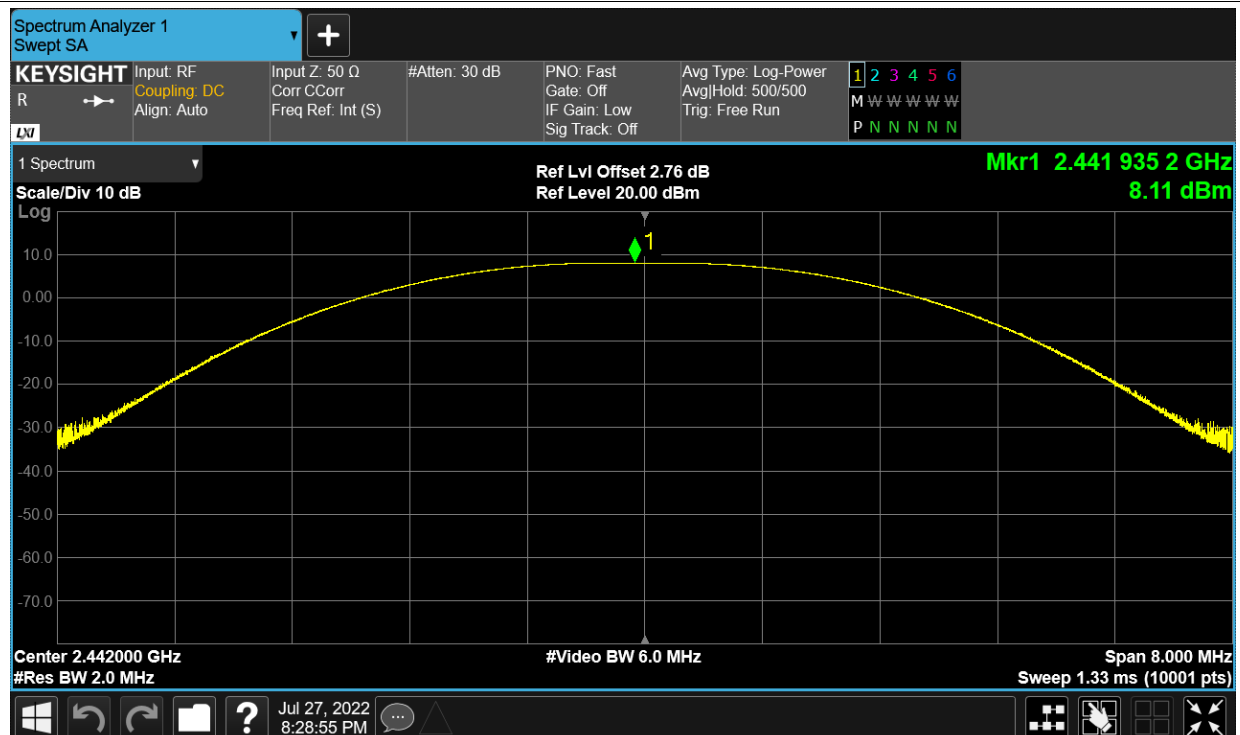
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 8.304                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 8.108                 | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 8.569                 | 30          | Pass    |

## Test Graphs

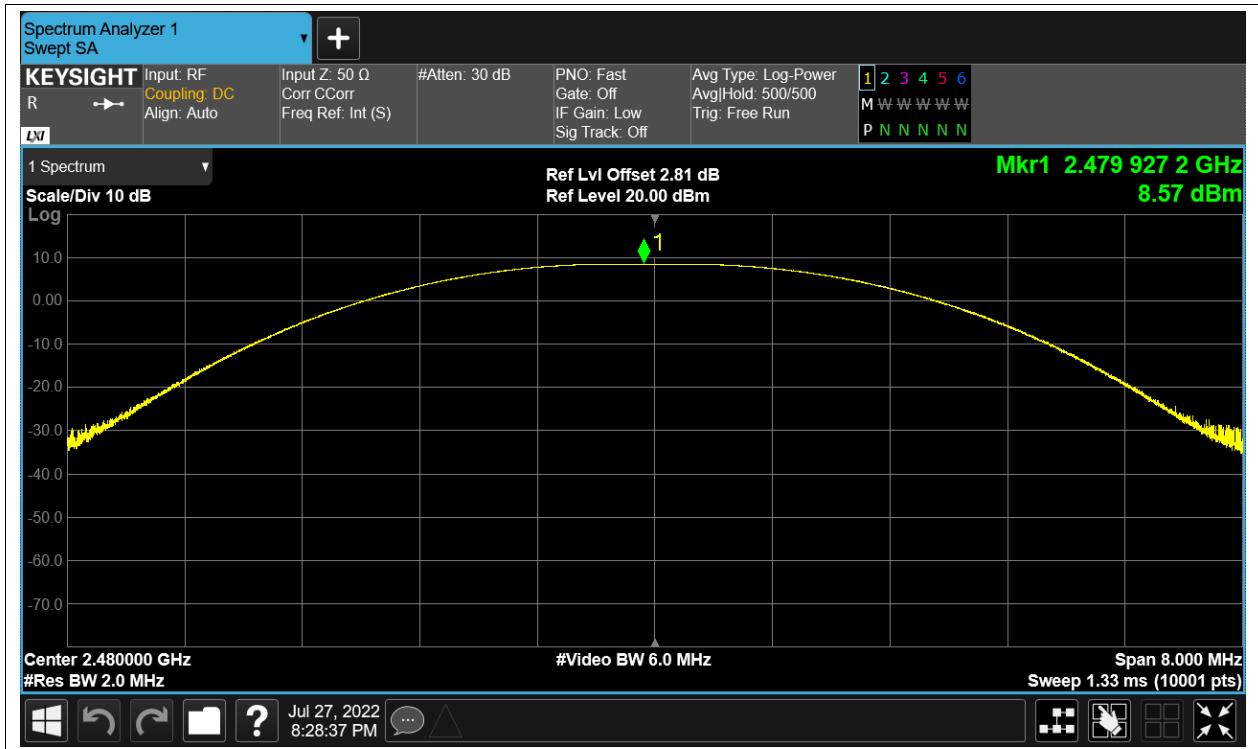
## Power NVNT BLE 2402MHz Ant1



## Power NVNT BLE 2442MHz Ant1



## Power NVNT BLE 2480MHz Ant1

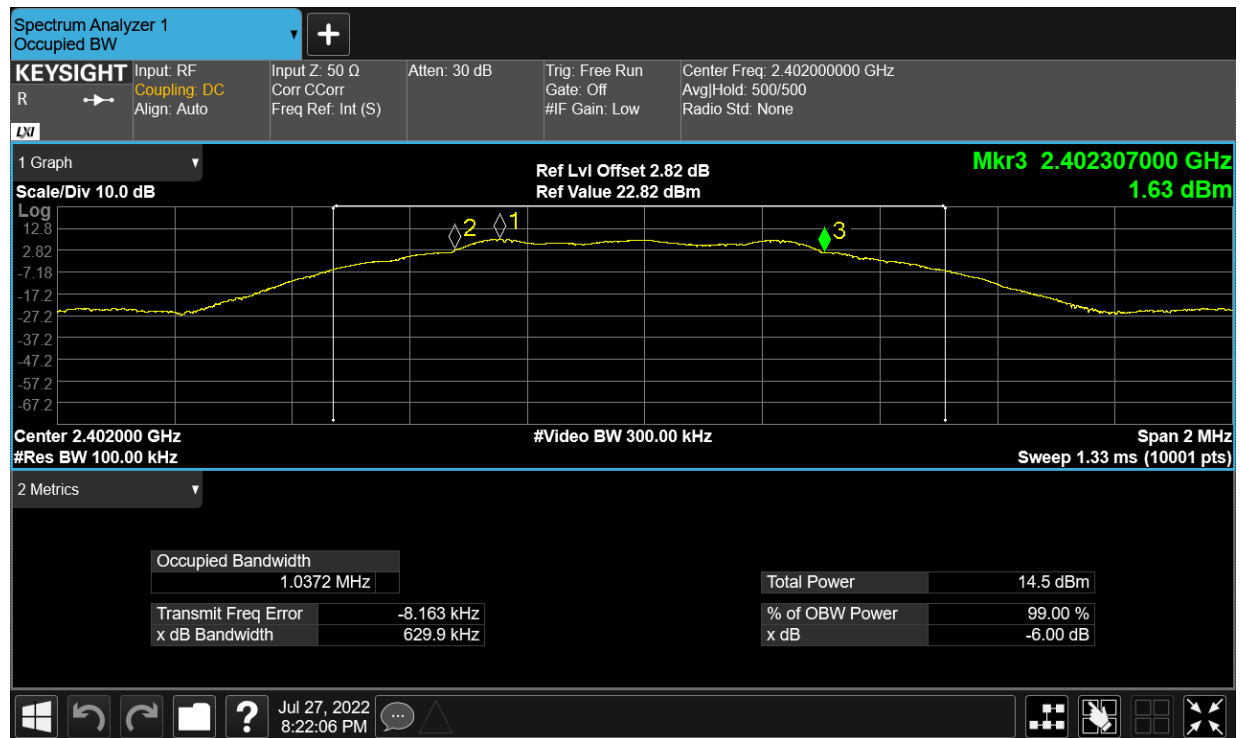


## -6dB Bandwidth

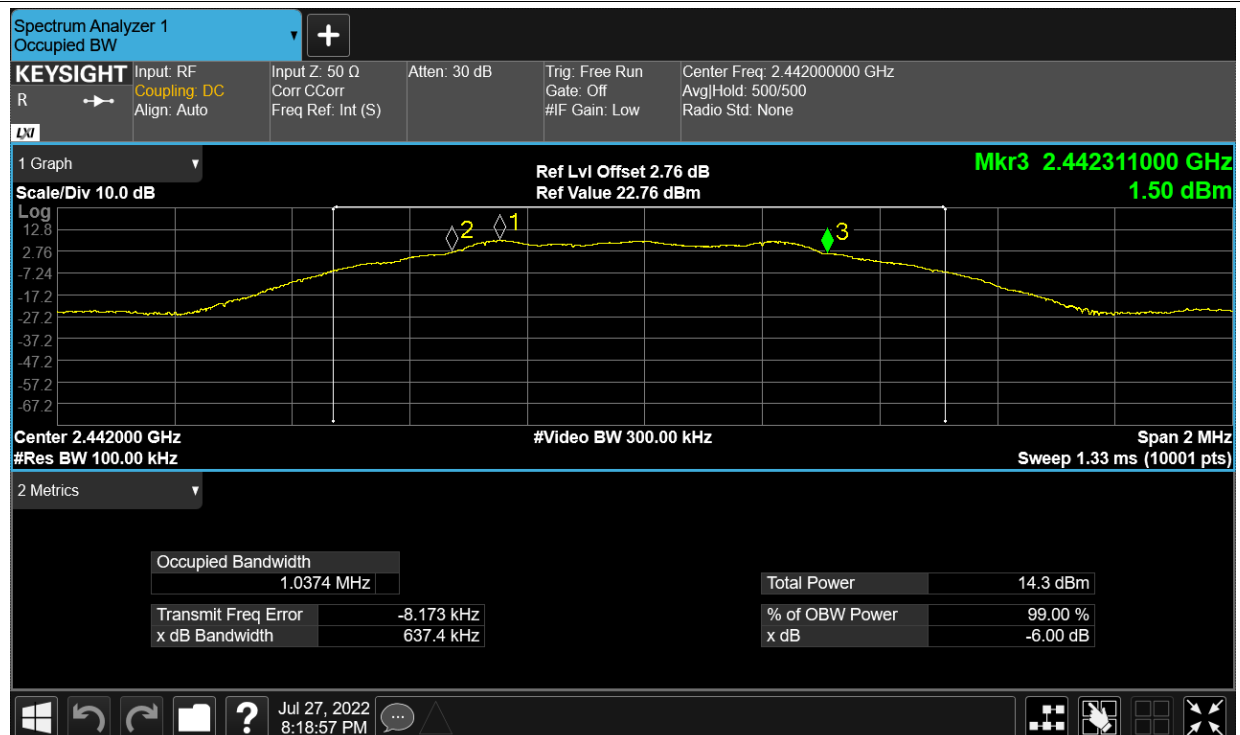
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2402            | Ant1    | 0.63                  | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant1    | 0.637                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant1    | 0.636                 | 0.5   | Pass   |

## Test Graphs

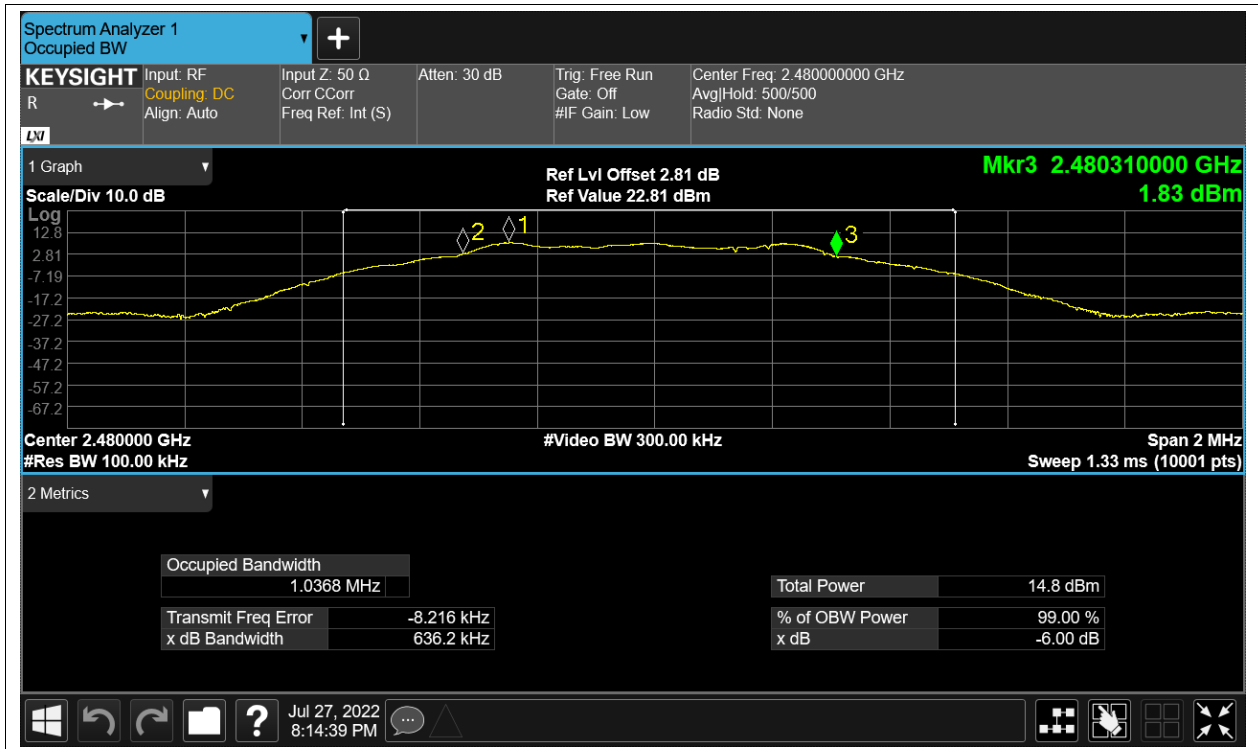
## -6dB Bandwidth NVNT BLE 2402MHz Ant1



## -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    | 1.030012005   |
| NVNT      | BLE  | 2442            | Ant1    | 1.025675726   |
| NVNT      | BLE  | 2480            | Ant1    | 1.022652198   |

## Test Graphs

## OBW NVNT BLE 2402MHz Ant1

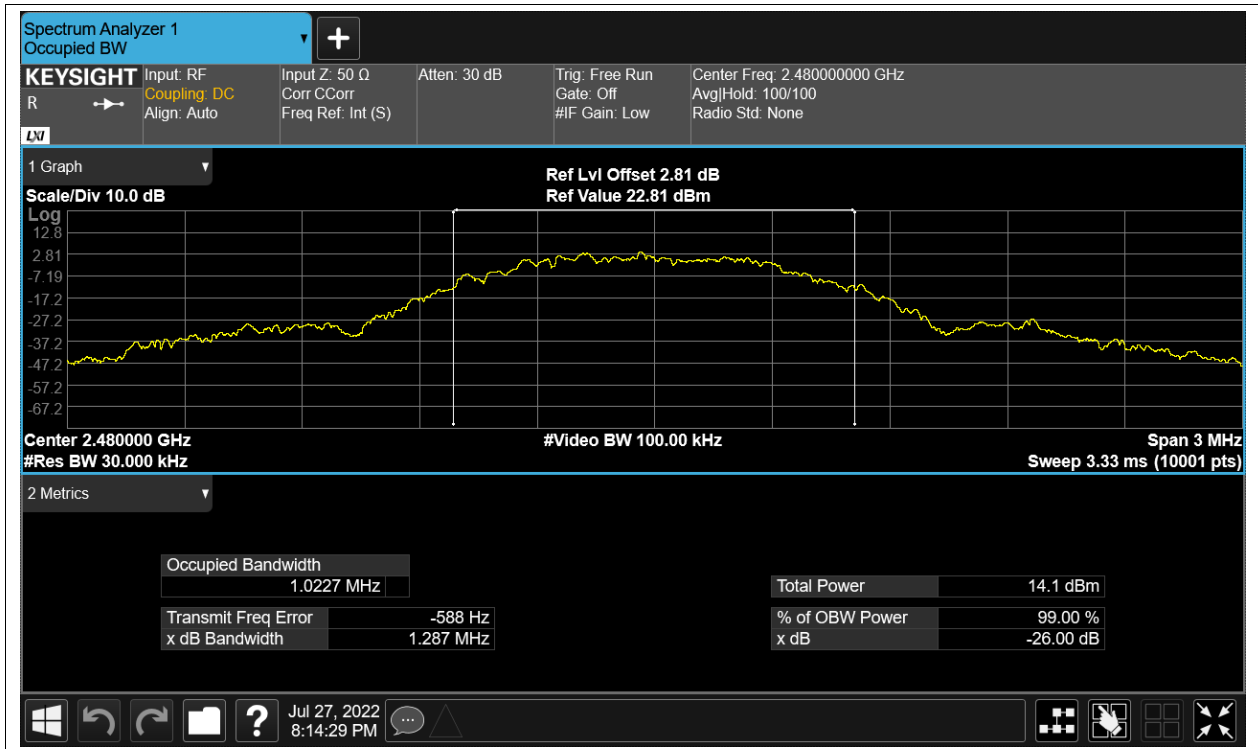


## OBW NVNT BLE 2442MHz Ant1



## OBW NVNT BLE 2480MHz Ant1



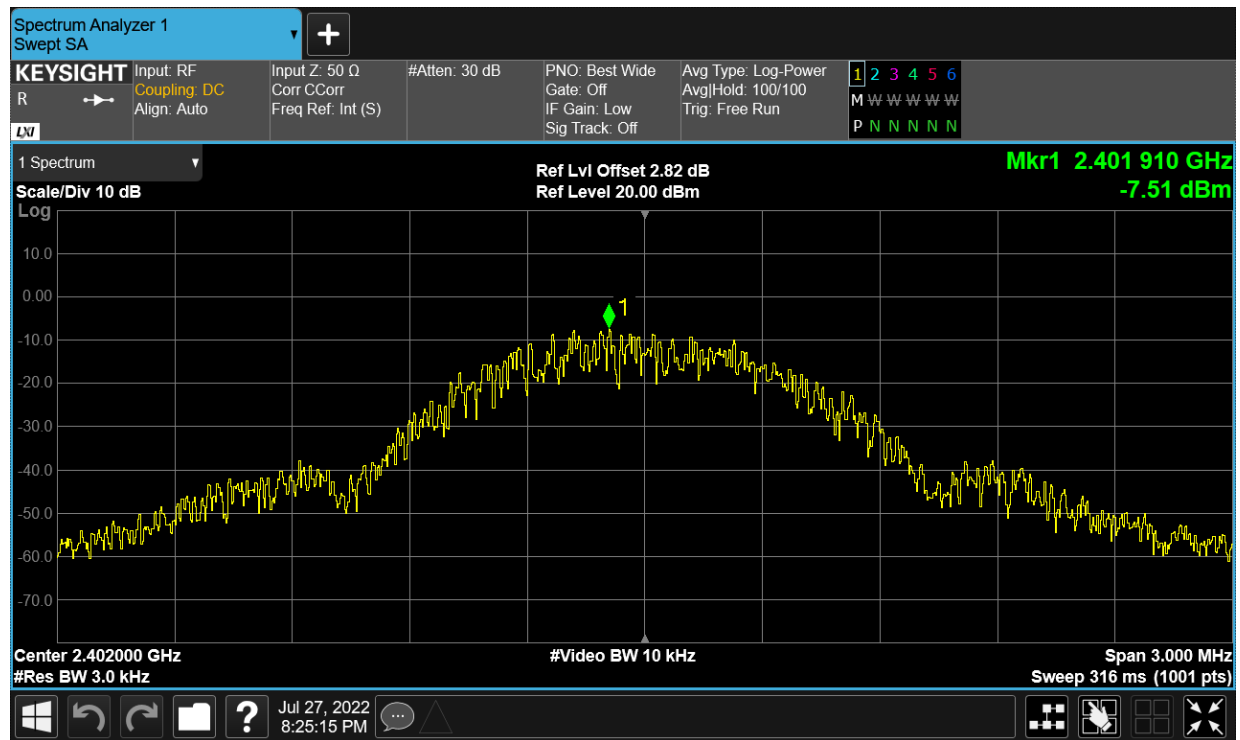


## Maximum Power Spectral Density Level

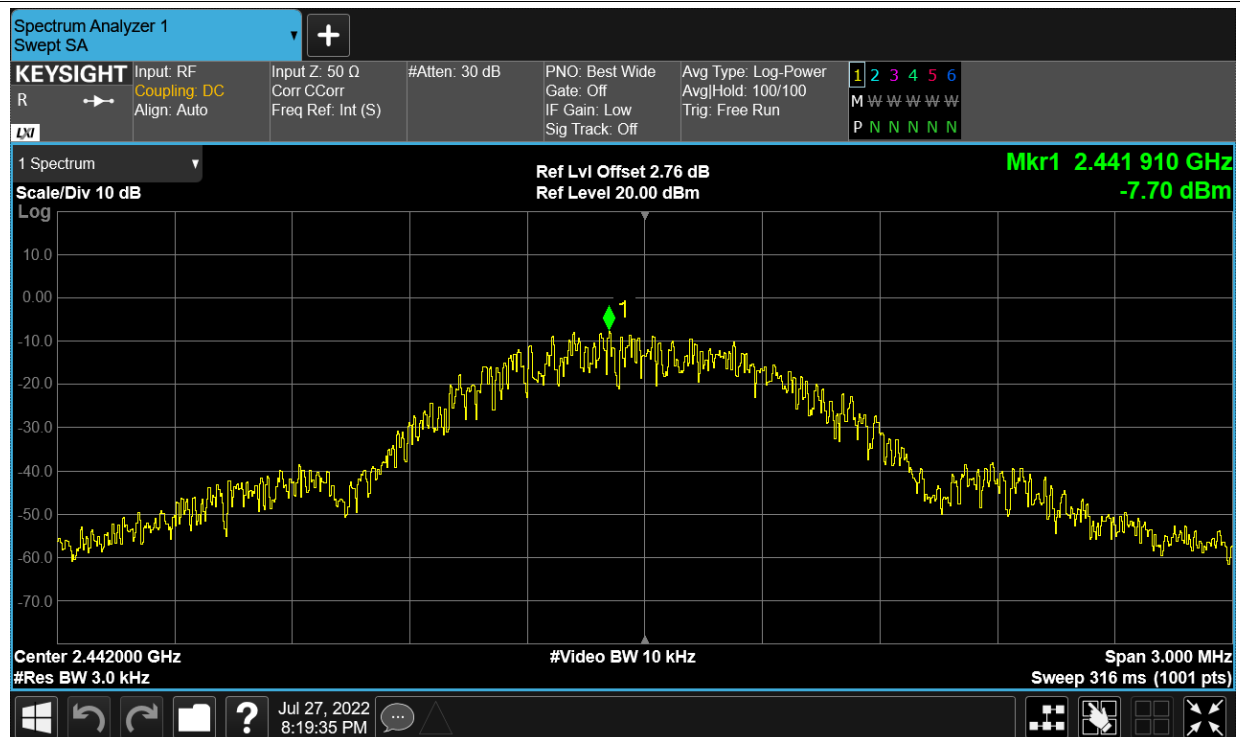
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -7.512        | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -7.697        | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -7.255        | 8           | Pass    |

## Test Graphs

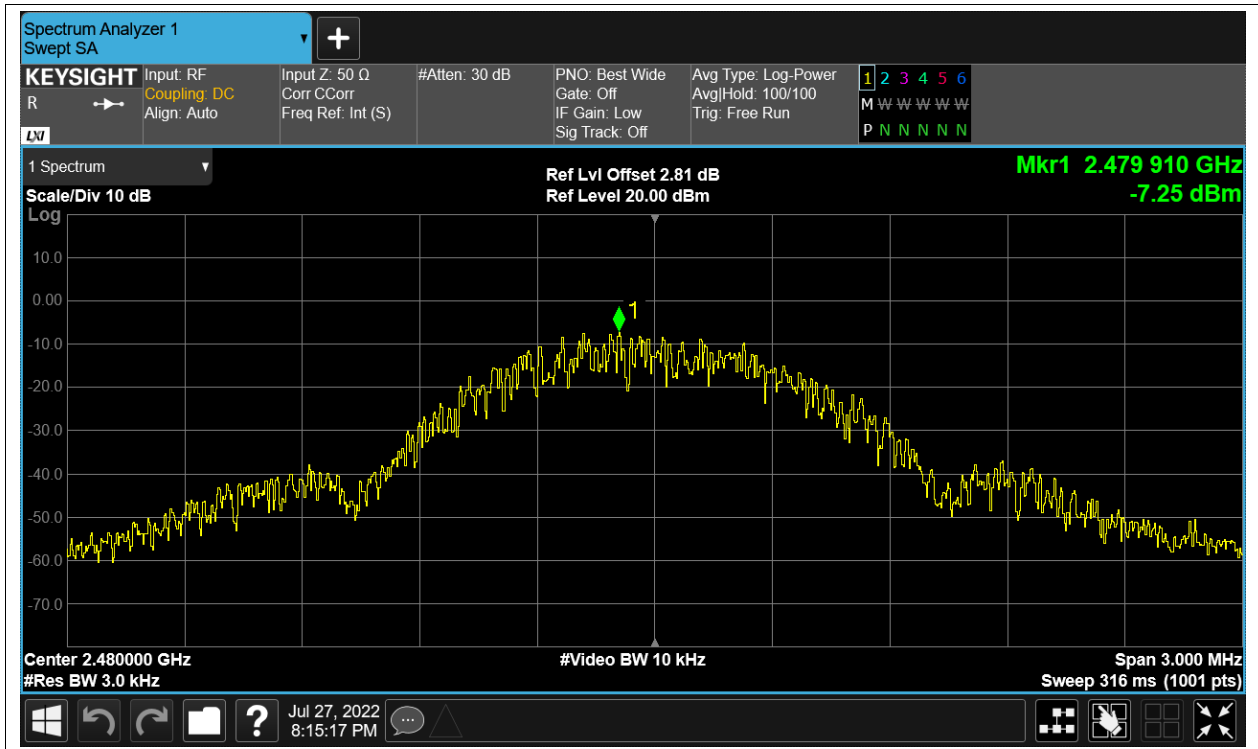
## PSD NVNT BLE 2402MHz Ant1



## PSD NVNT BLE 2442MHz Ant1



## PSD NVNT BLE 2480MHz Ant1

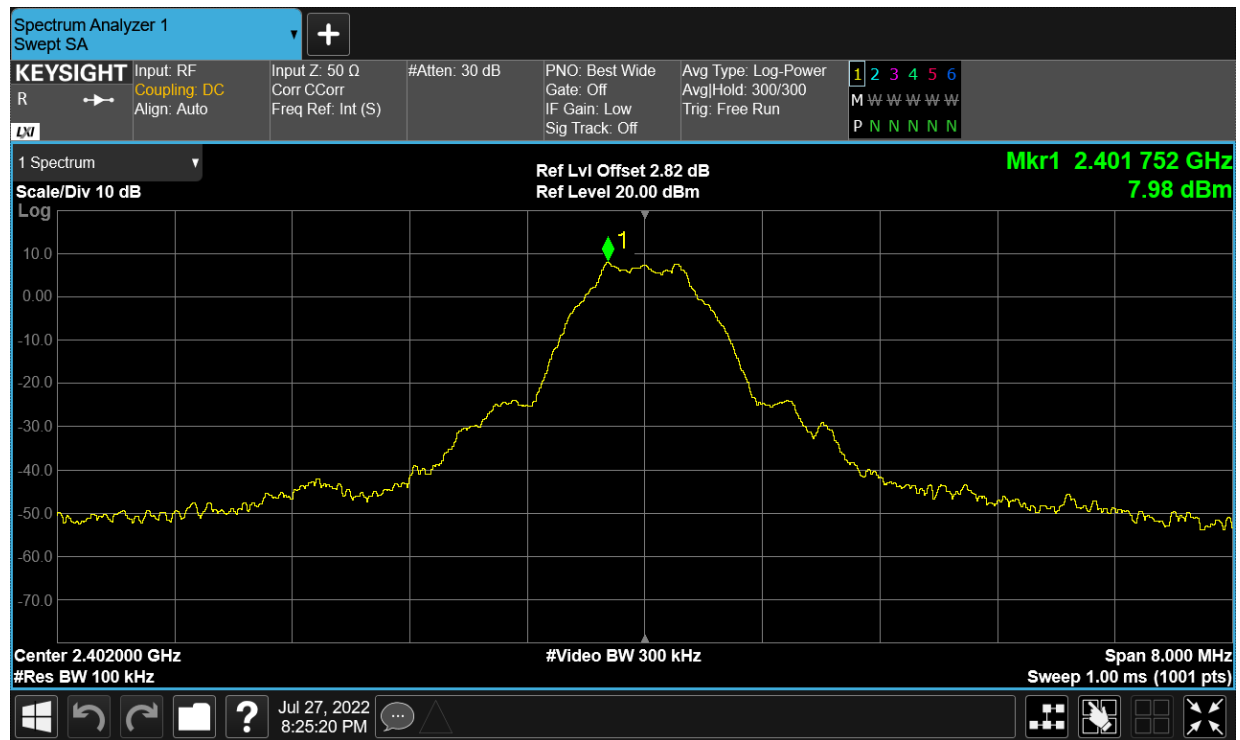


## Band Edge

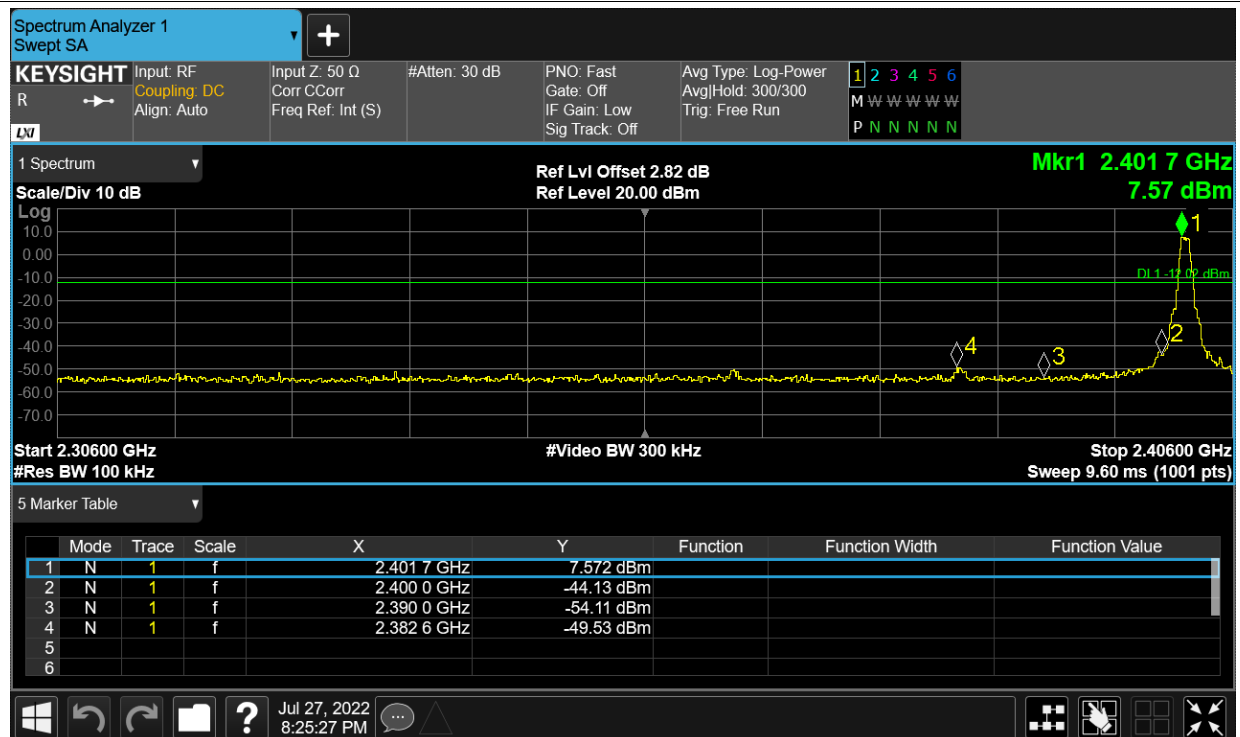
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -57.5           | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -54.96          | -20         | Pass    |

## Test Graphs

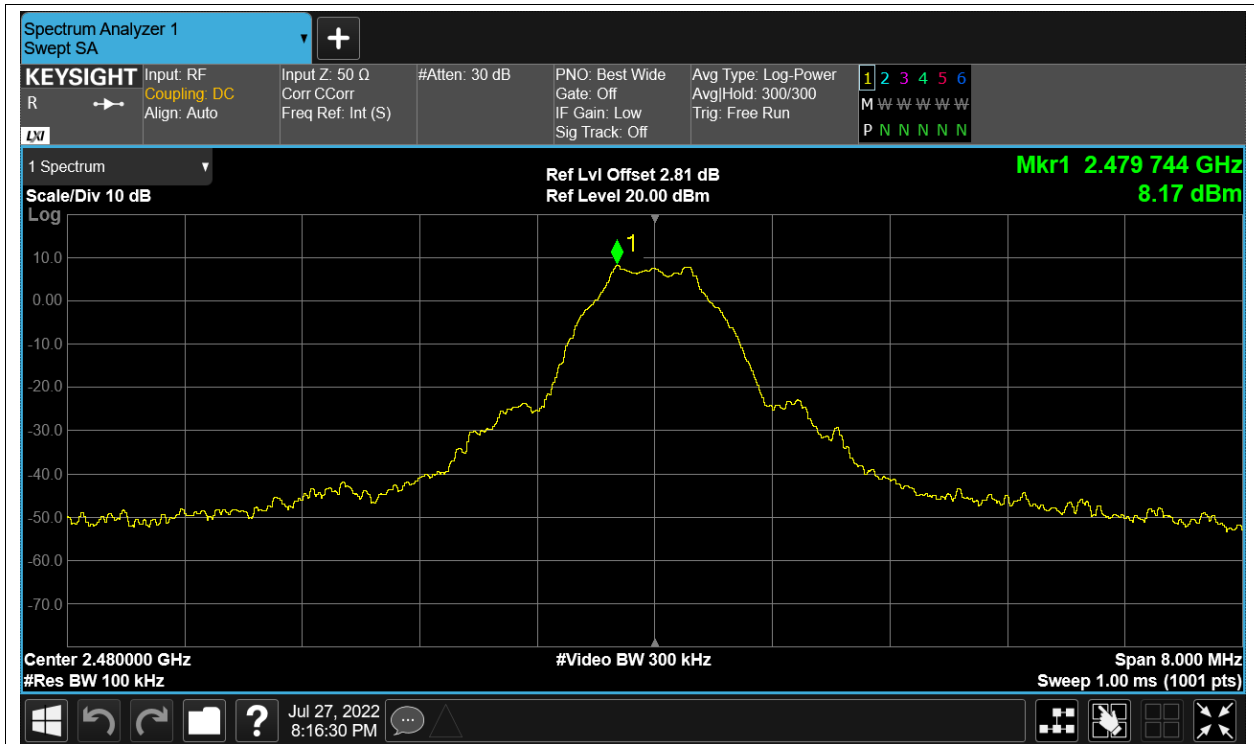
### Band Edge NVNT BLE 2402MHz Ant1 Ref



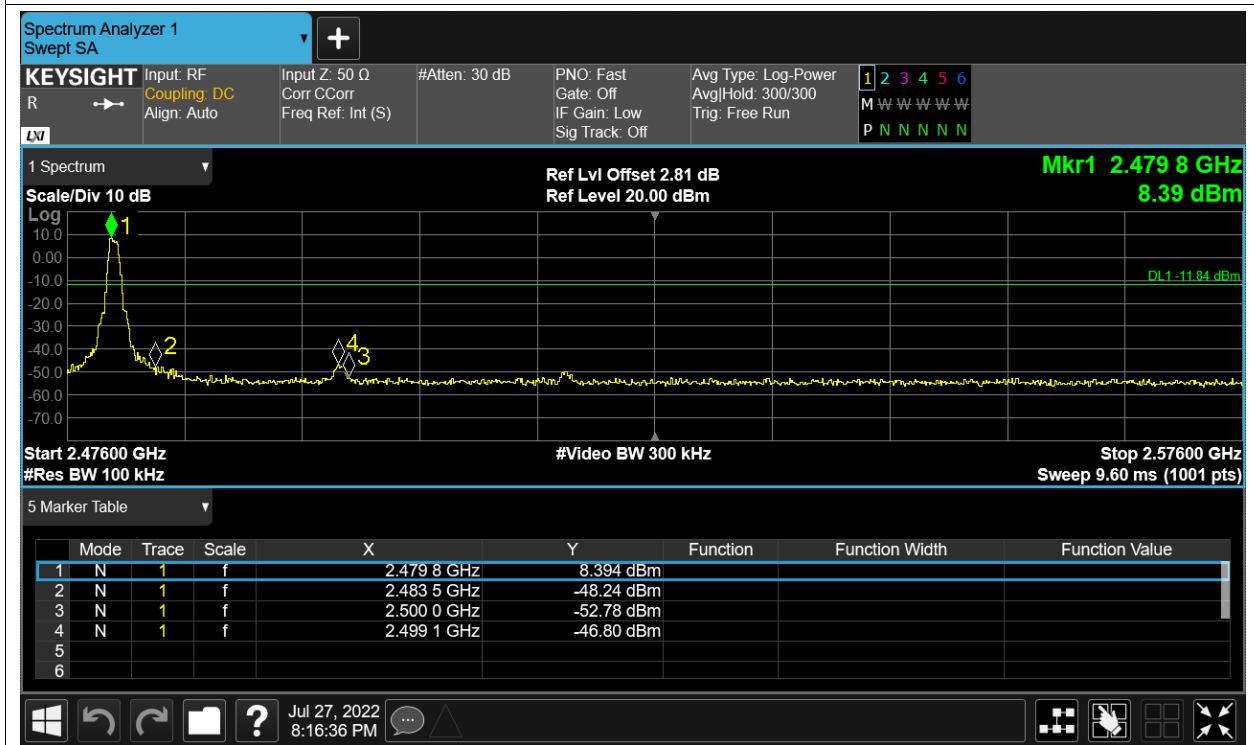
### Band Edge NVNT BLE 2402MHz Ant1 Emission



### Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



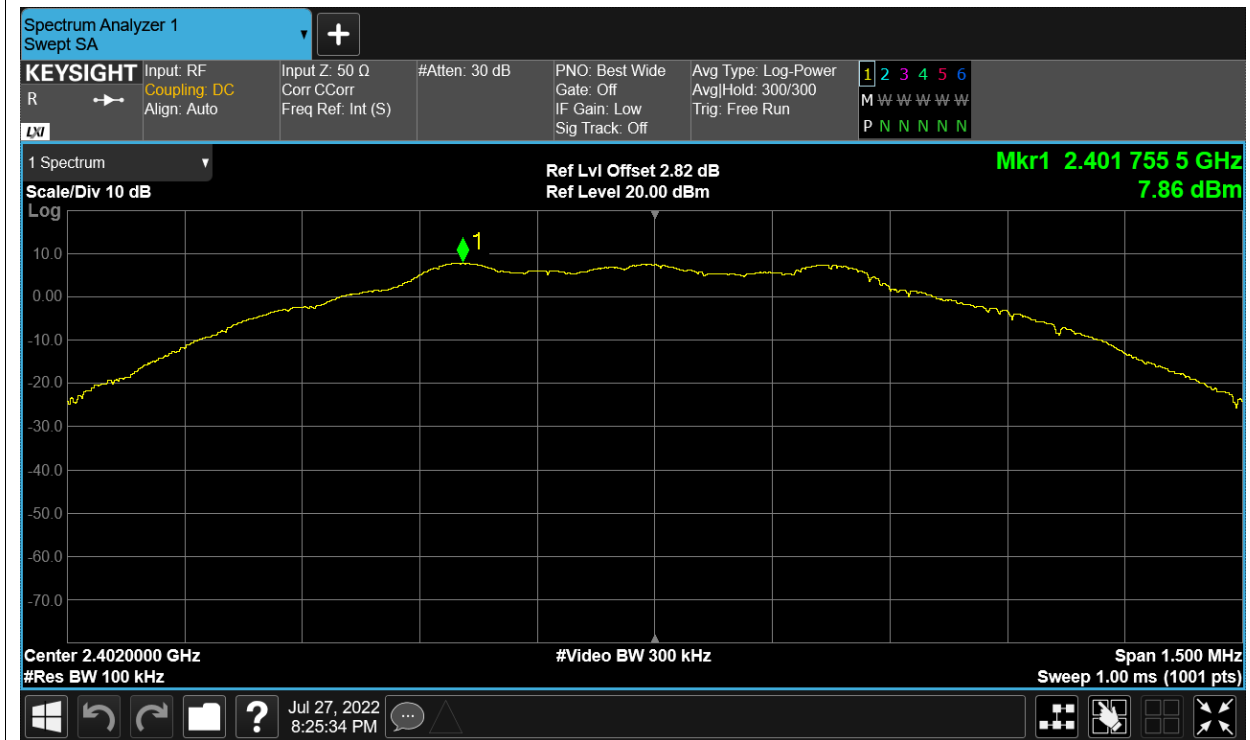
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -54.76          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -55.1           | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -55.62          | -20         | Pass    |

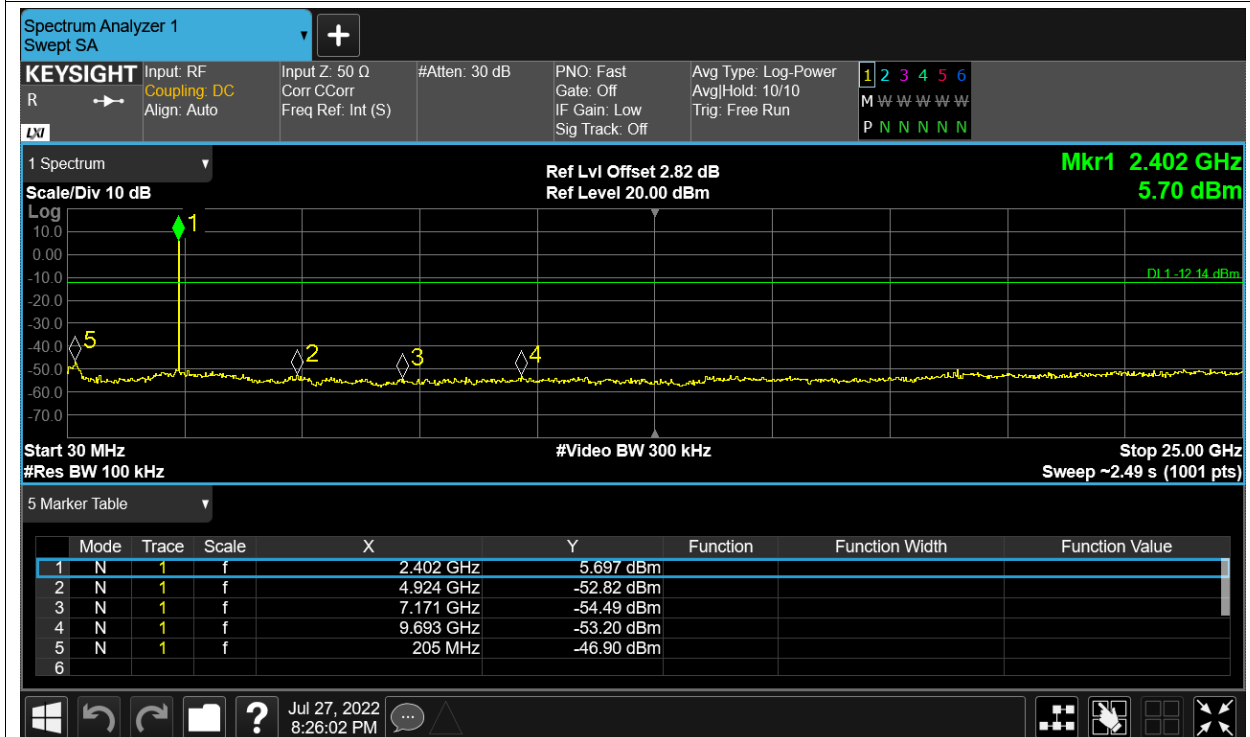


## Test Graphs

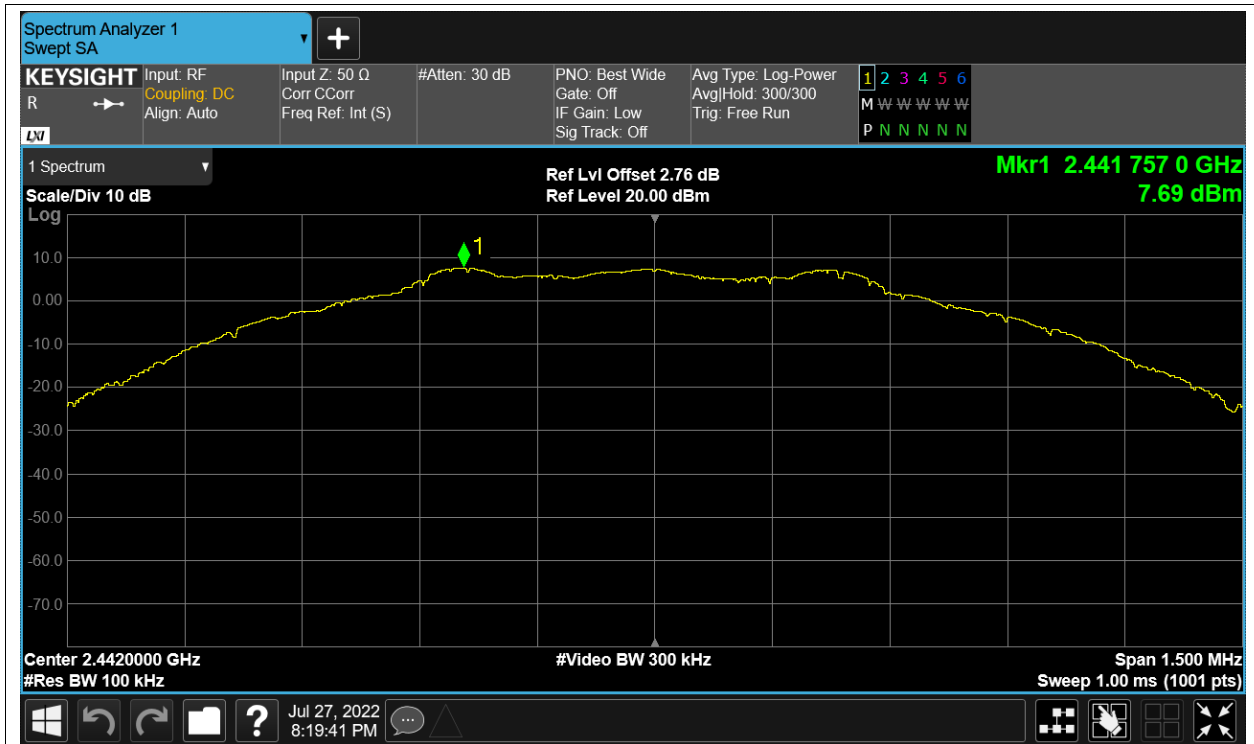
## Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



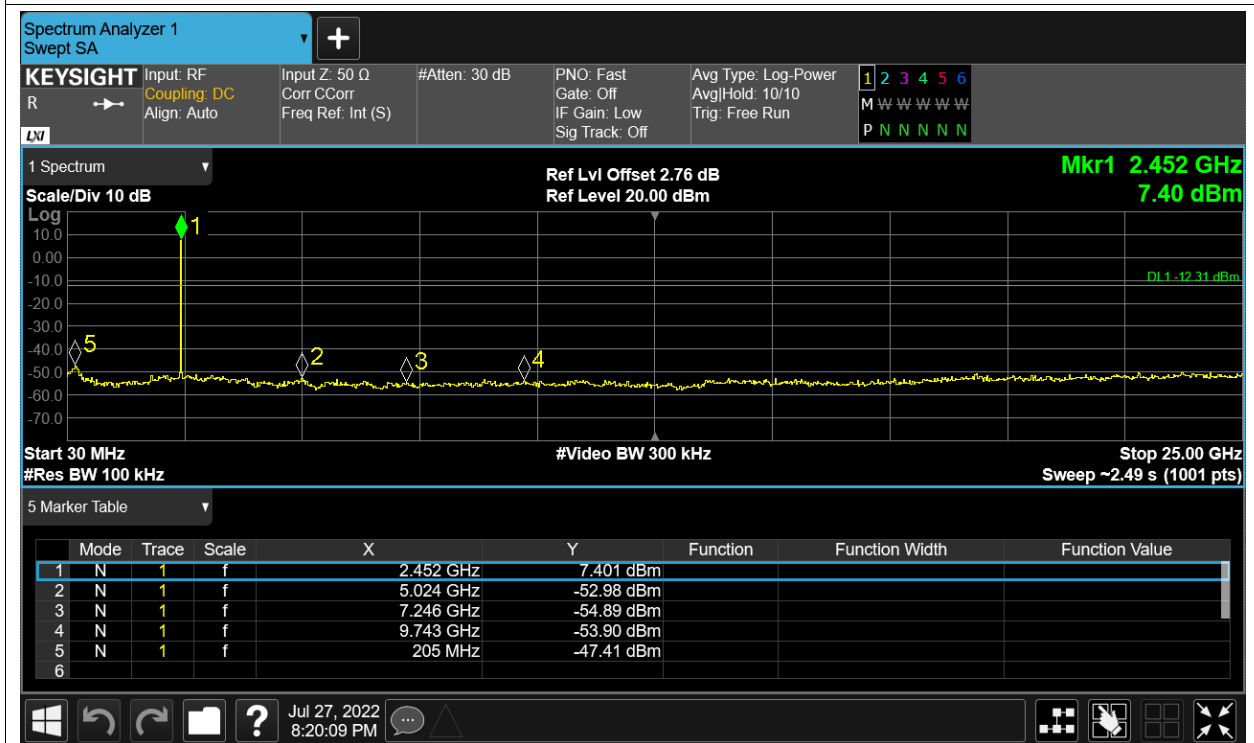
## Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



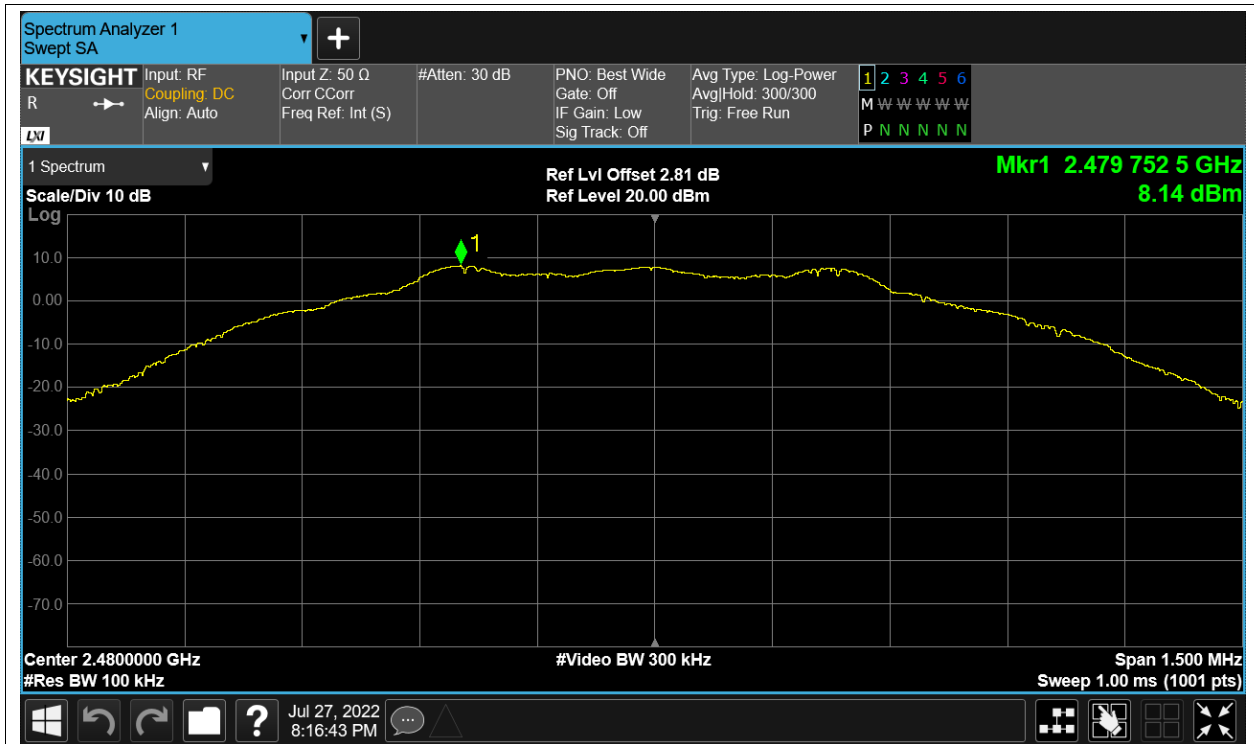
## Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

