

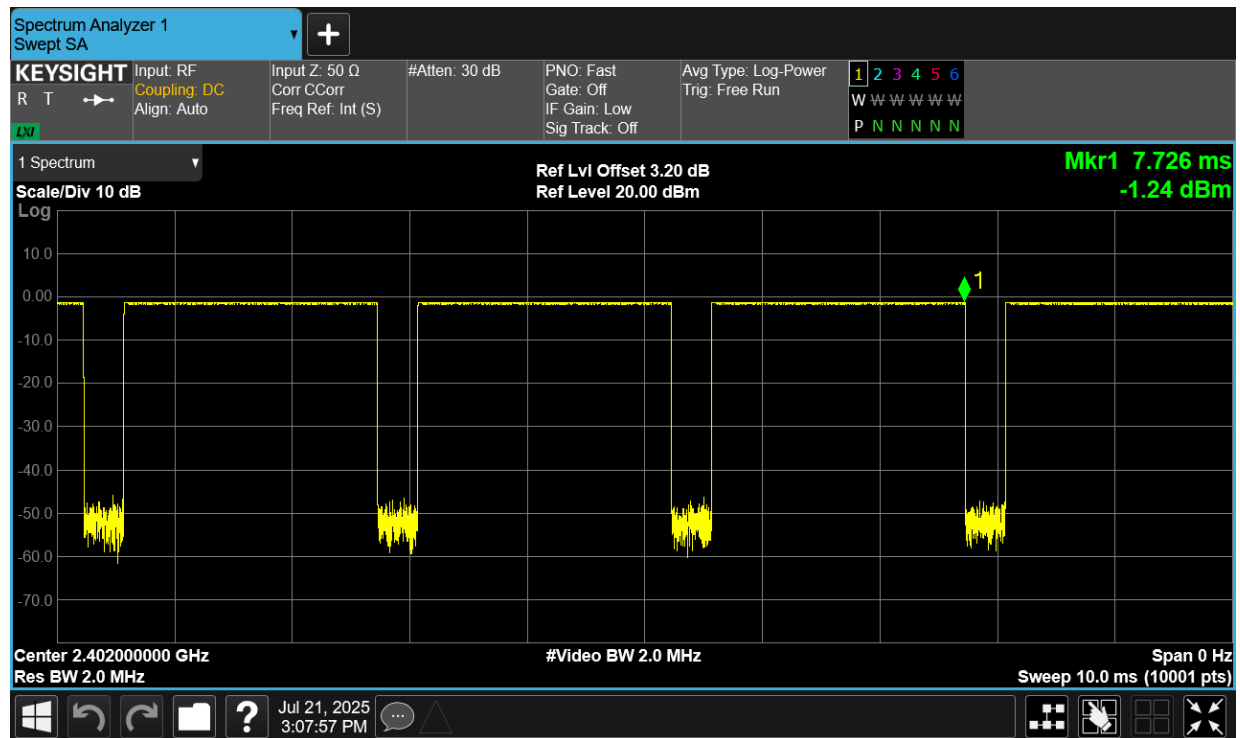
## Test Data

### Duty Cycle

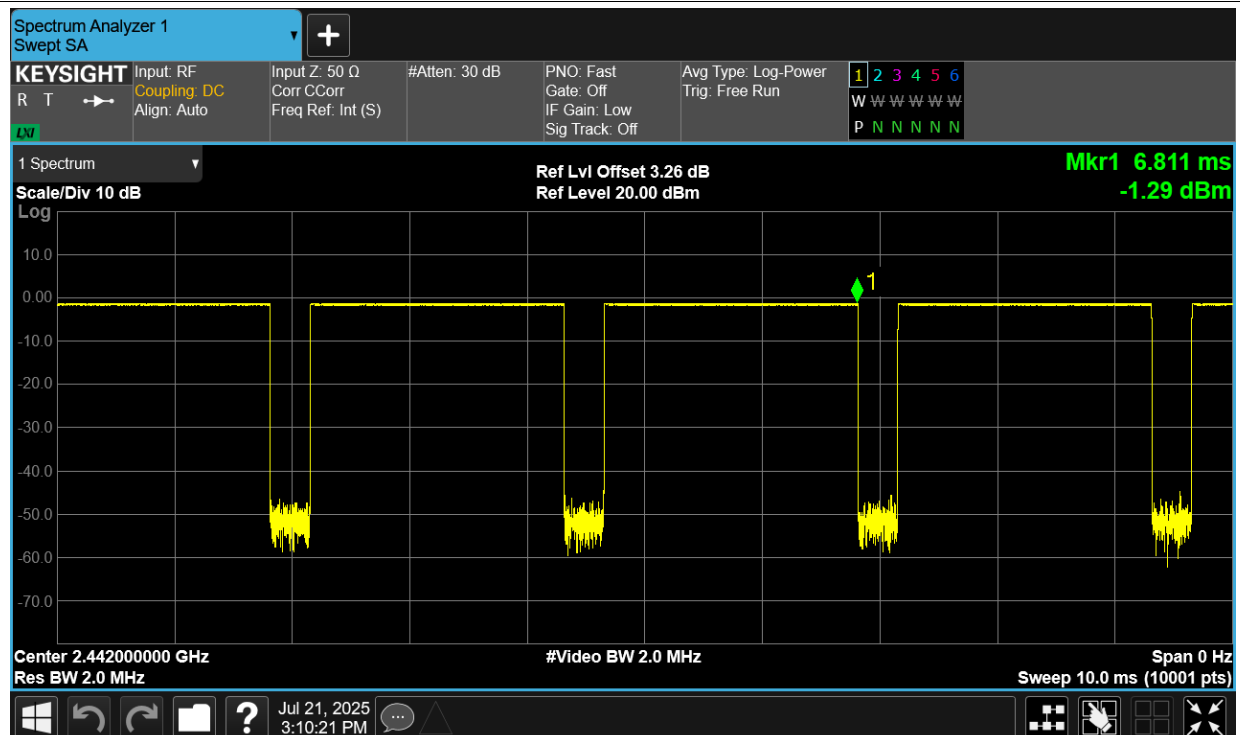
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | BLE  | 2402            | Ant1    | 86.48          | 0.63                   |
| NVNT      | BLE  | 2442            | Ant1    | 86.48          | 0.63                   |
| NVNT      | BLE  | 2480            | Ant1    | 86.48          | 0.63                   |

## Test Graphs

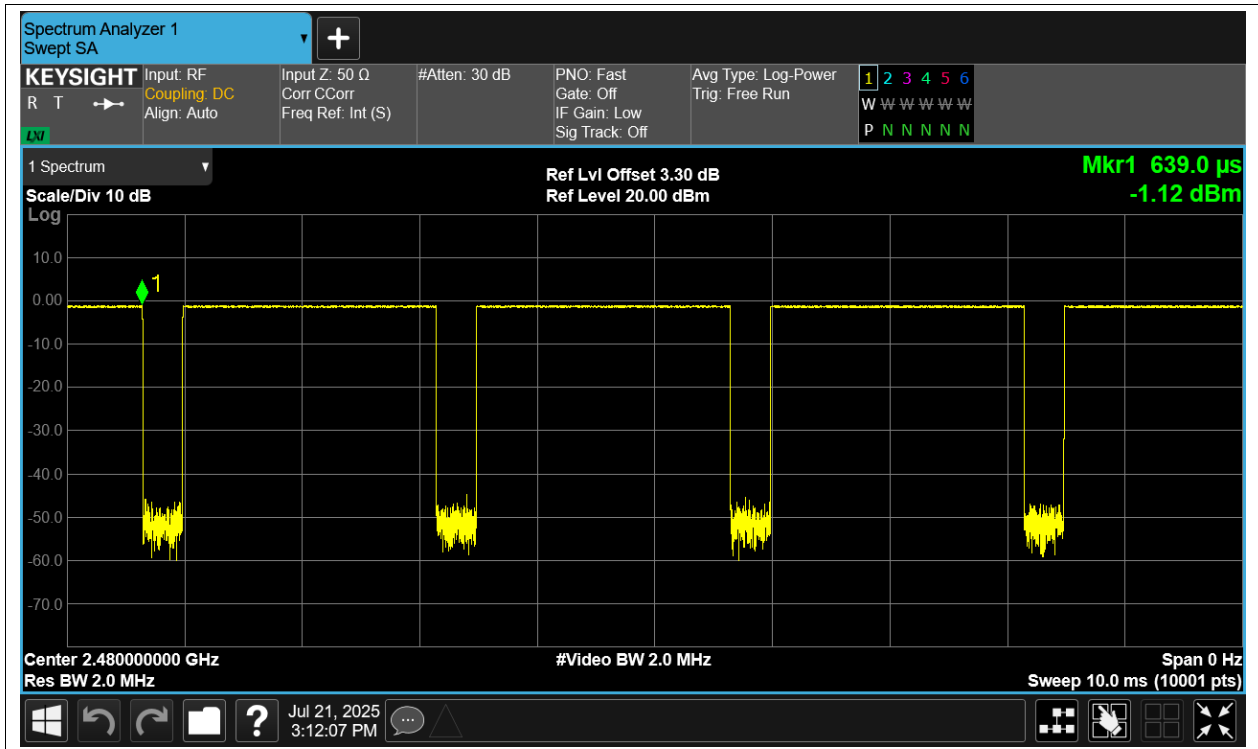
Duty Cycle NVNT BLE 2402MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2480MHz Ant1

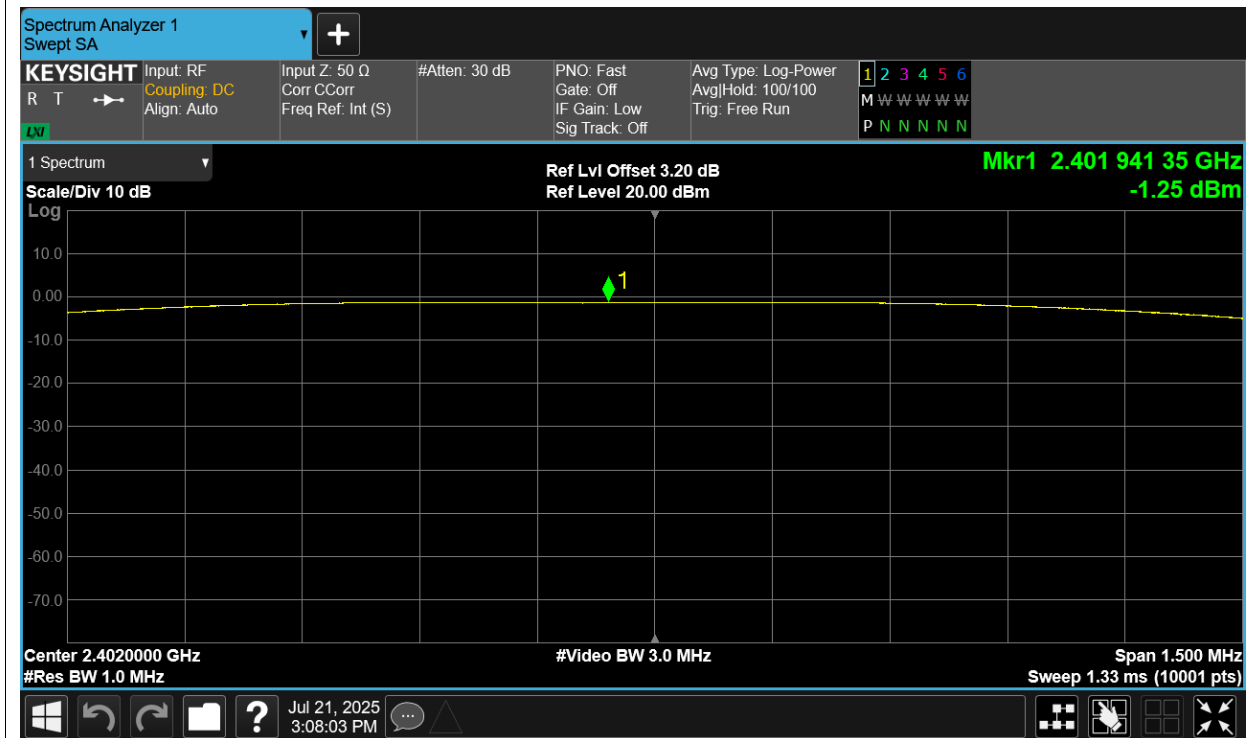


## Maximum Conducted Output Power

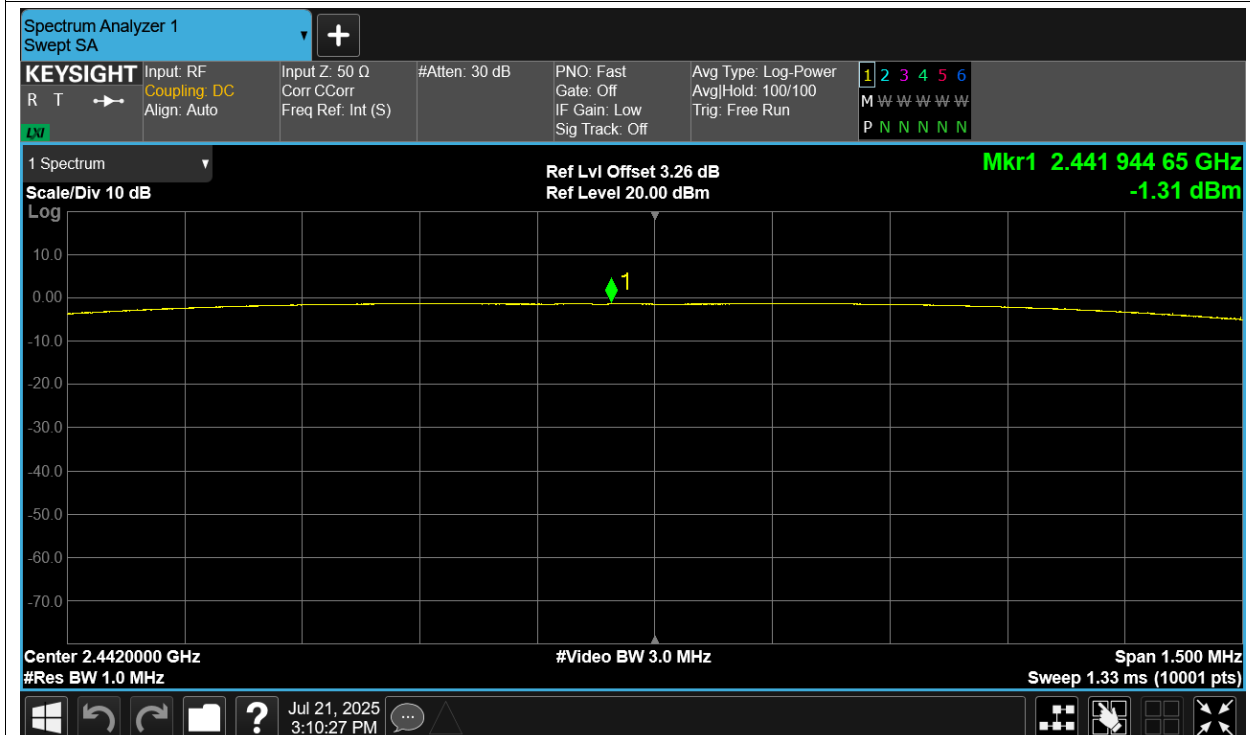
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -1.247                | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -1.307                | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -1.139                | 30          | Pass    |

## Test Graphs

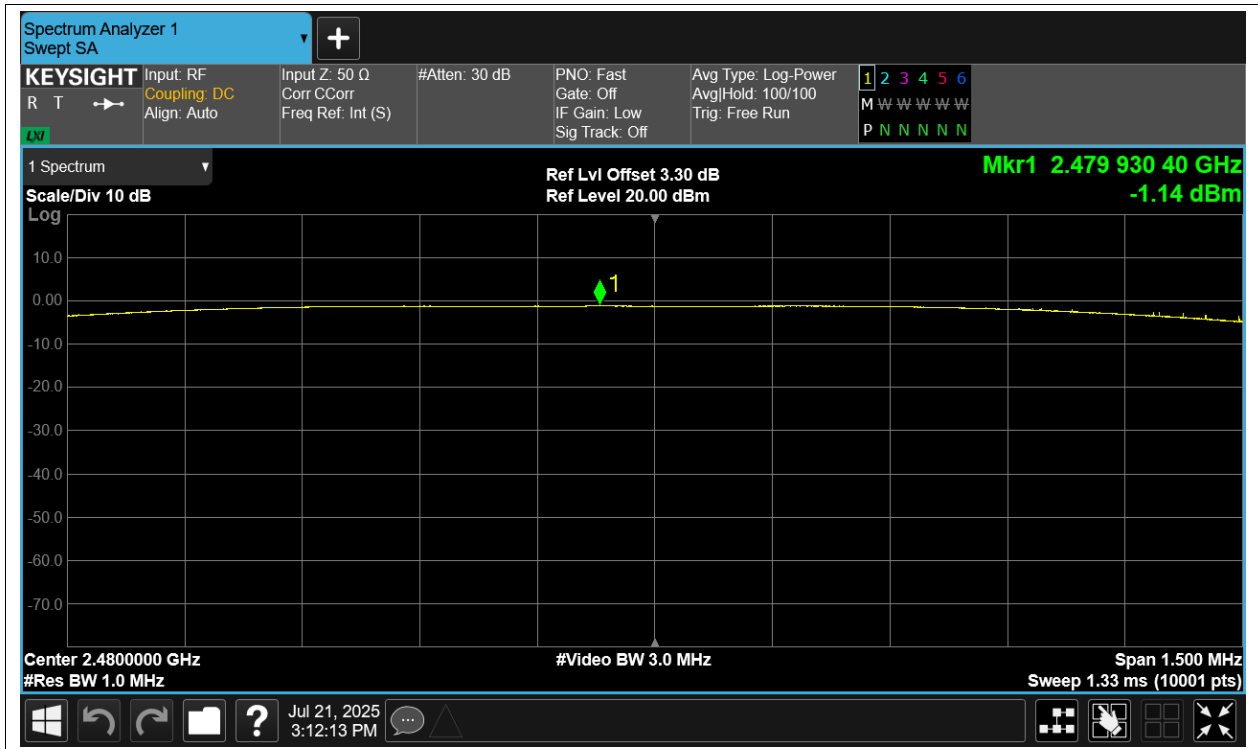
### Power NVNT BLE 2402MHz Ant1



### Power NVNT BLE 2442MHz Ant1

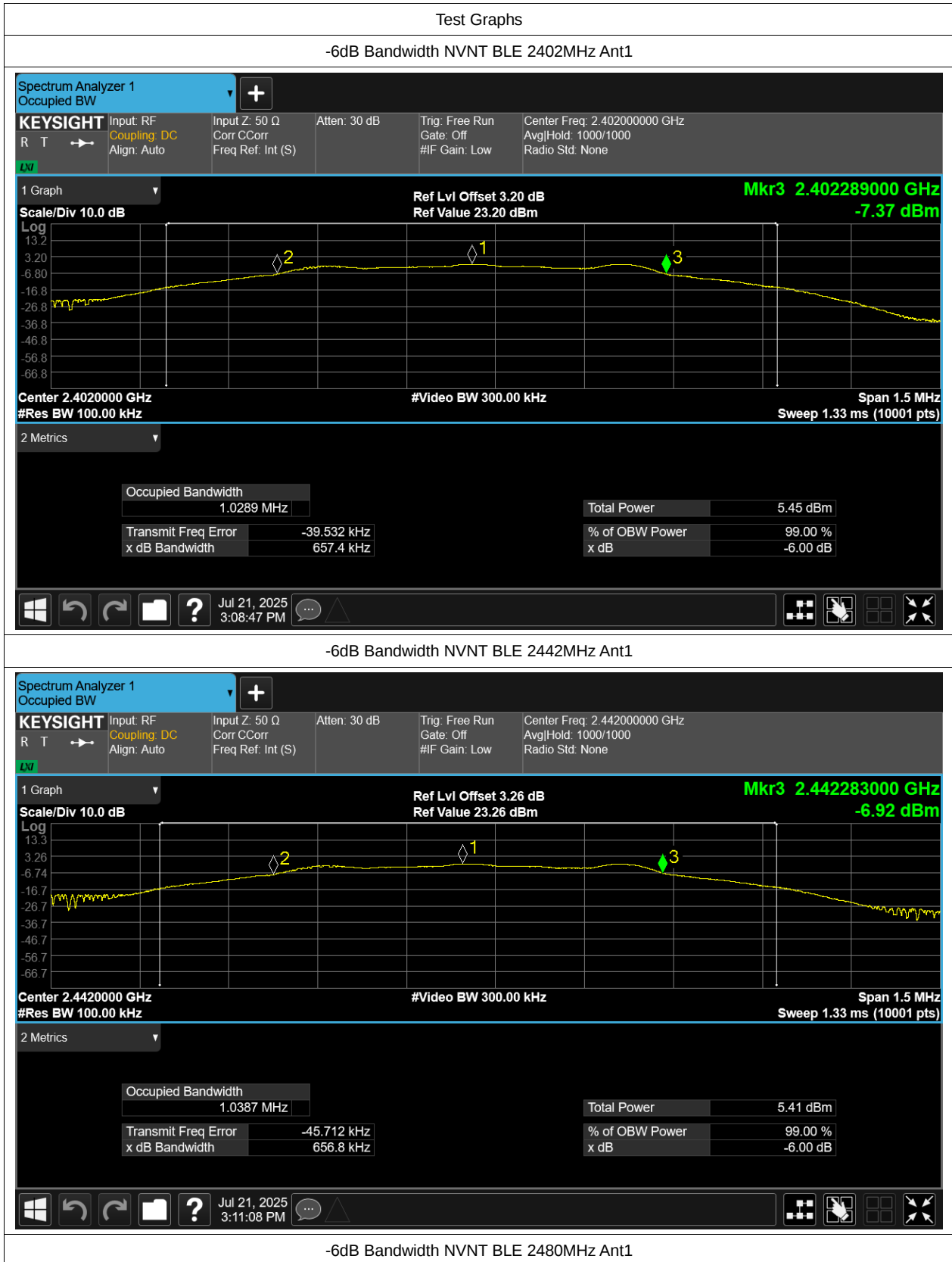


### Power NVNT BLE 2480MHz Ant1



## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2402            | Ant1    | 0.657                 | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant1    | 0.657                 | 0.5   | Pass   |
| NVNT      | BLE  | 2480            | Ant1    | 0.658                 | 0.5   | Pass   |



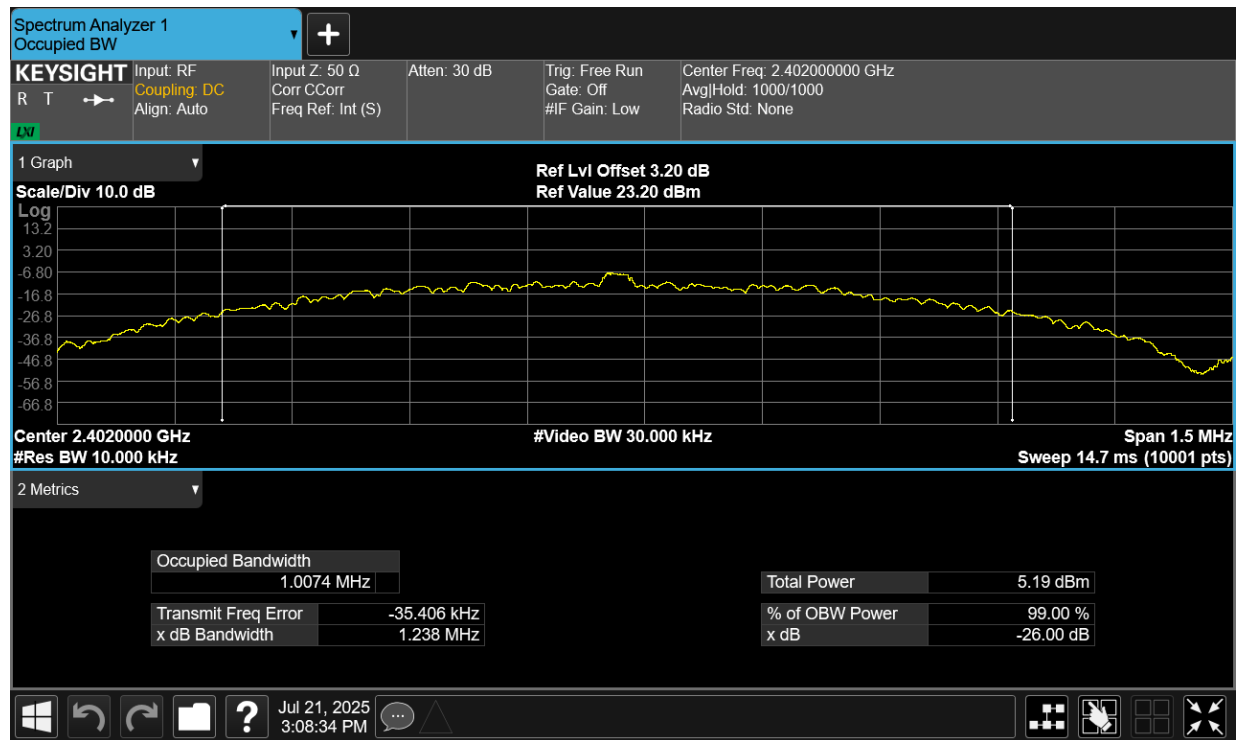


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.007         |
| NVNT      | BLE  | 2442            | Ant1    | 1.006         |
| NVNT      | BLE  | 2480            | Ant1    | 1.003         |

## Test Graphs

### OBW NVNT BLE 2402MHz Ant1



### OBW NVNT BLE 2442MHz Ant1



### OBW NVNT BLE 2480MHz Ant1

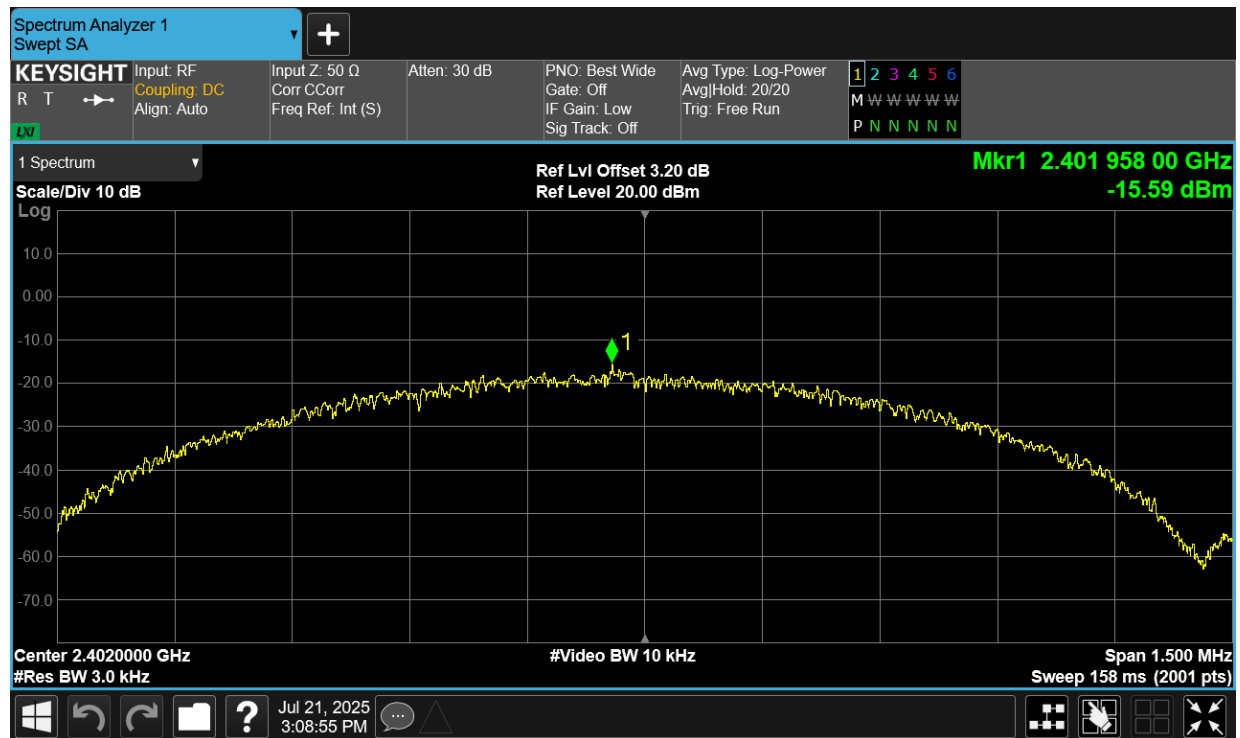


## Maximum Power Spectral Density Level

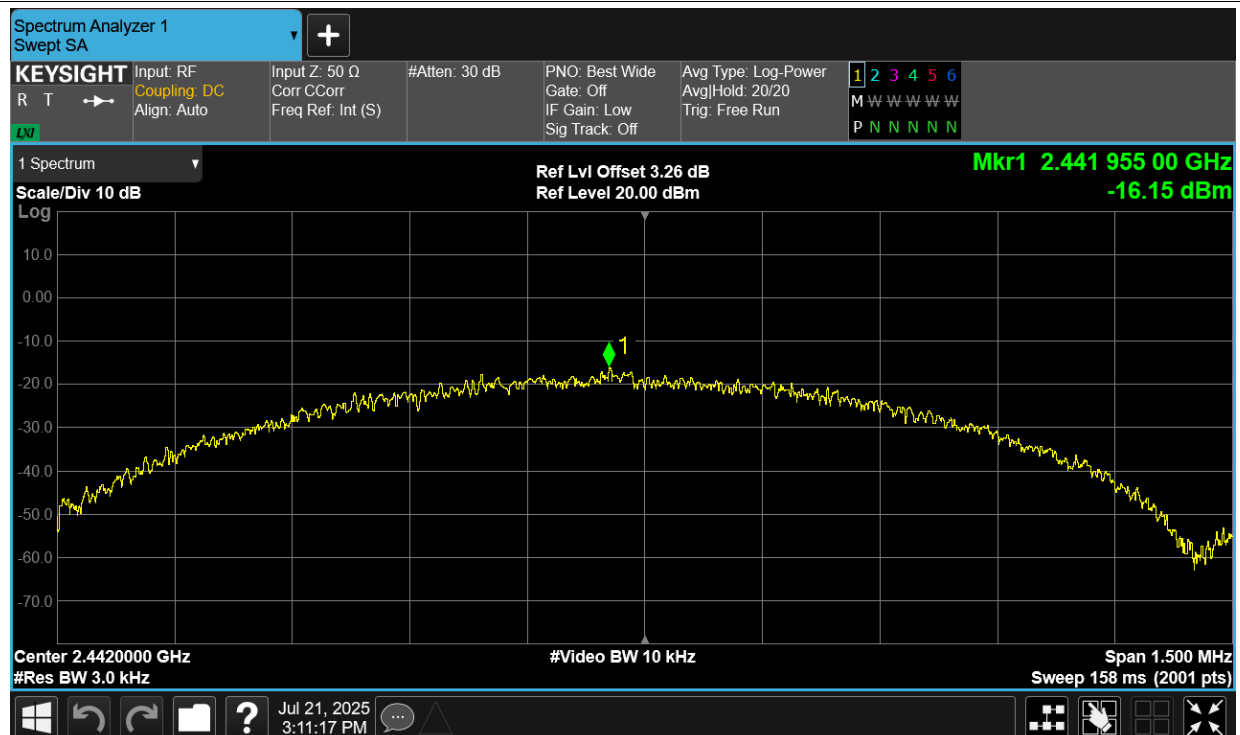
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -15.586       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -16.152       | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -15.234       | 8           | Pass    |

## Test Graphs

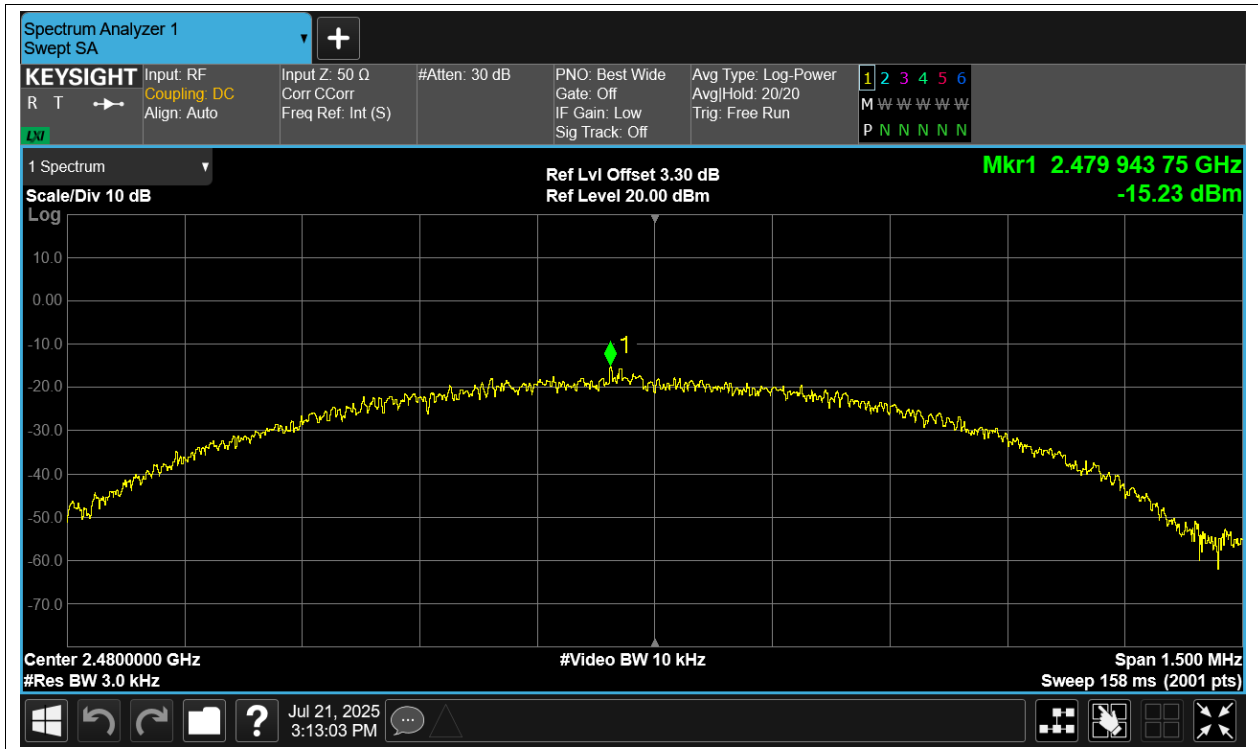
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1

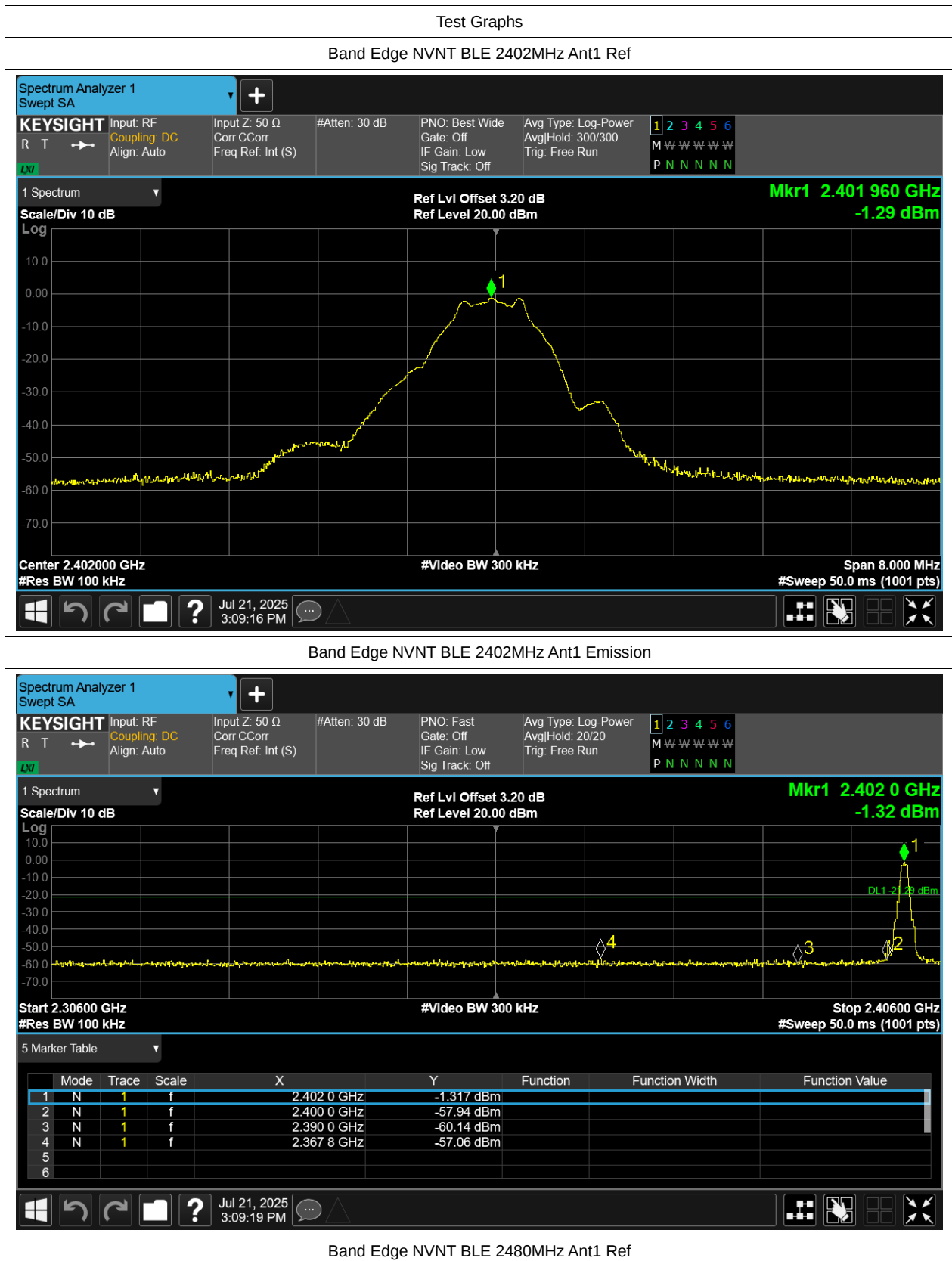


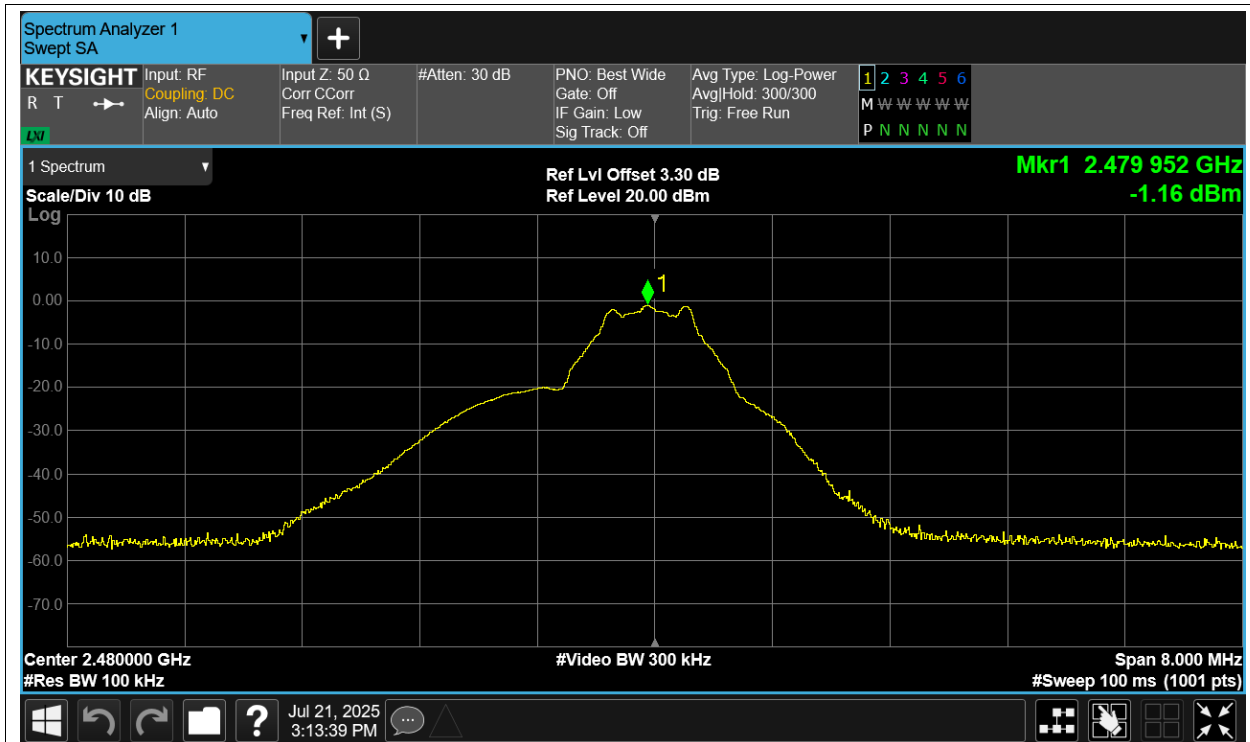
PSD NVNT BLE 2480MHz Ant1



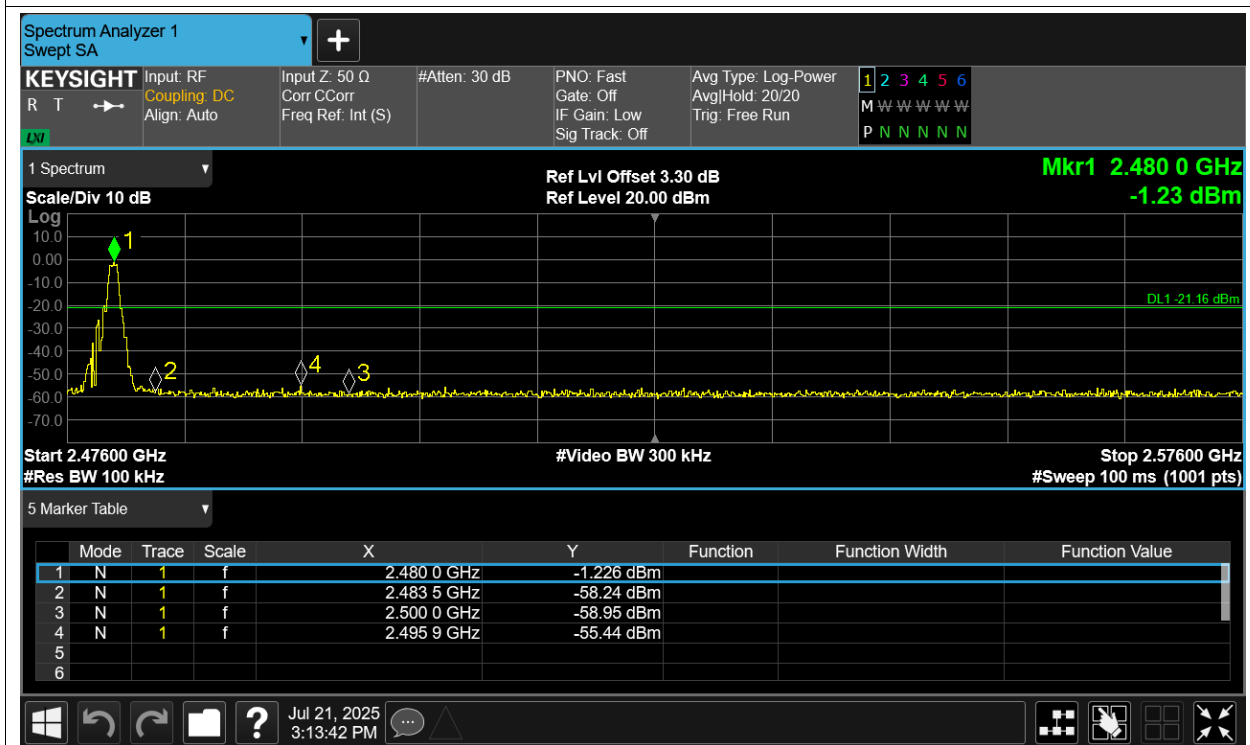
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -55.77          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -54.29          | -20         | Pass    |





Band Edge NVNT BLE 2480MHz Ant1 Emission

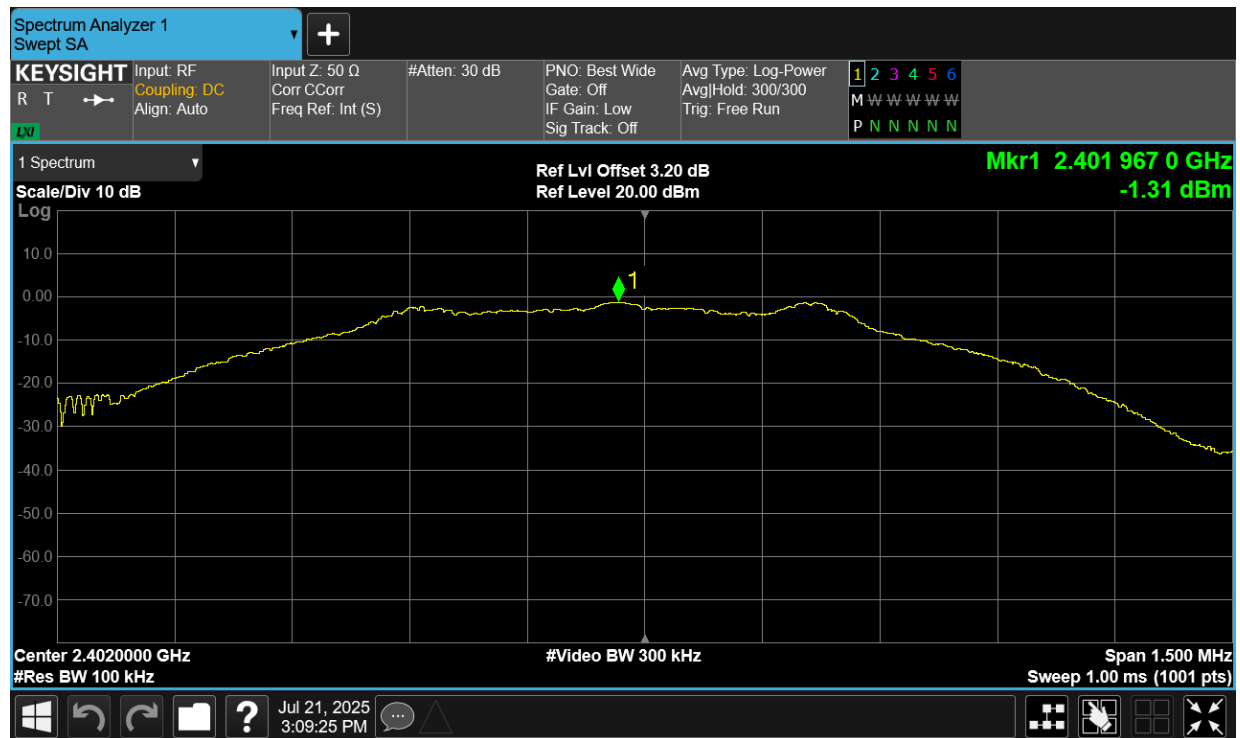


## Conducted RF Spurious Emission

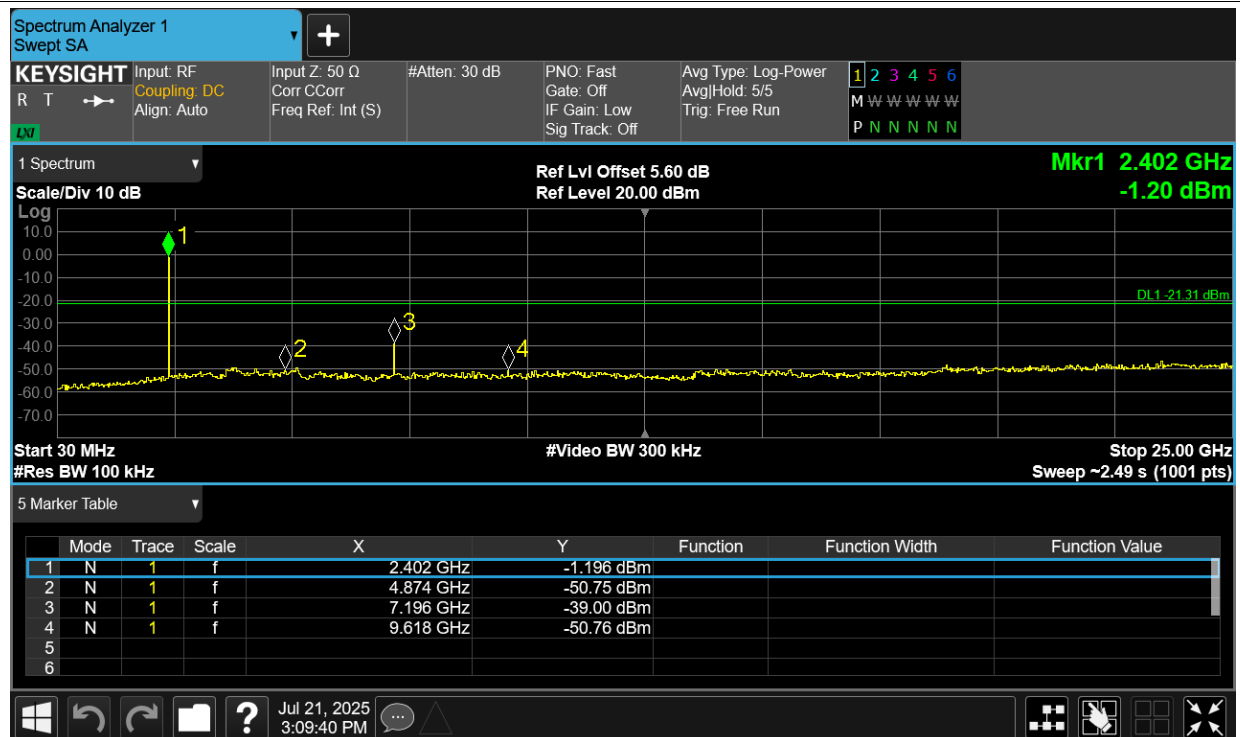
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -37.7           | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -37.97          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -34.62          | -20         | Pass    |

## Test Graphs

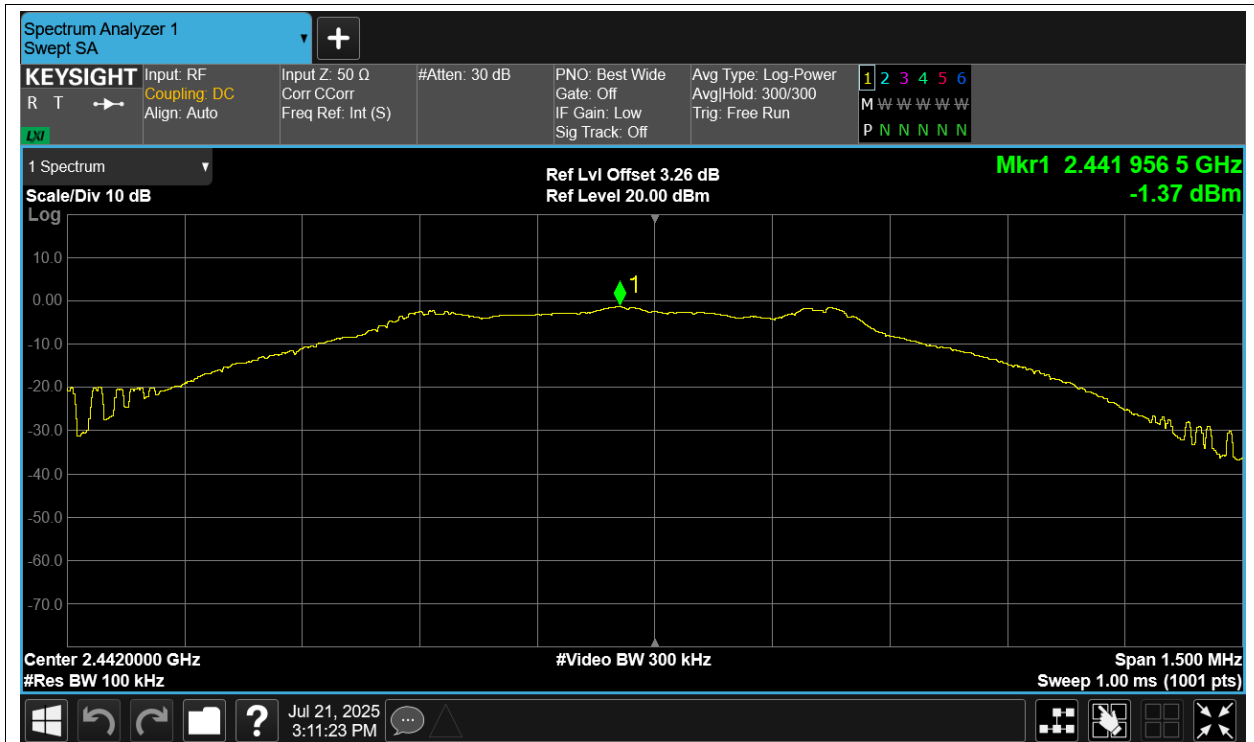
### Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



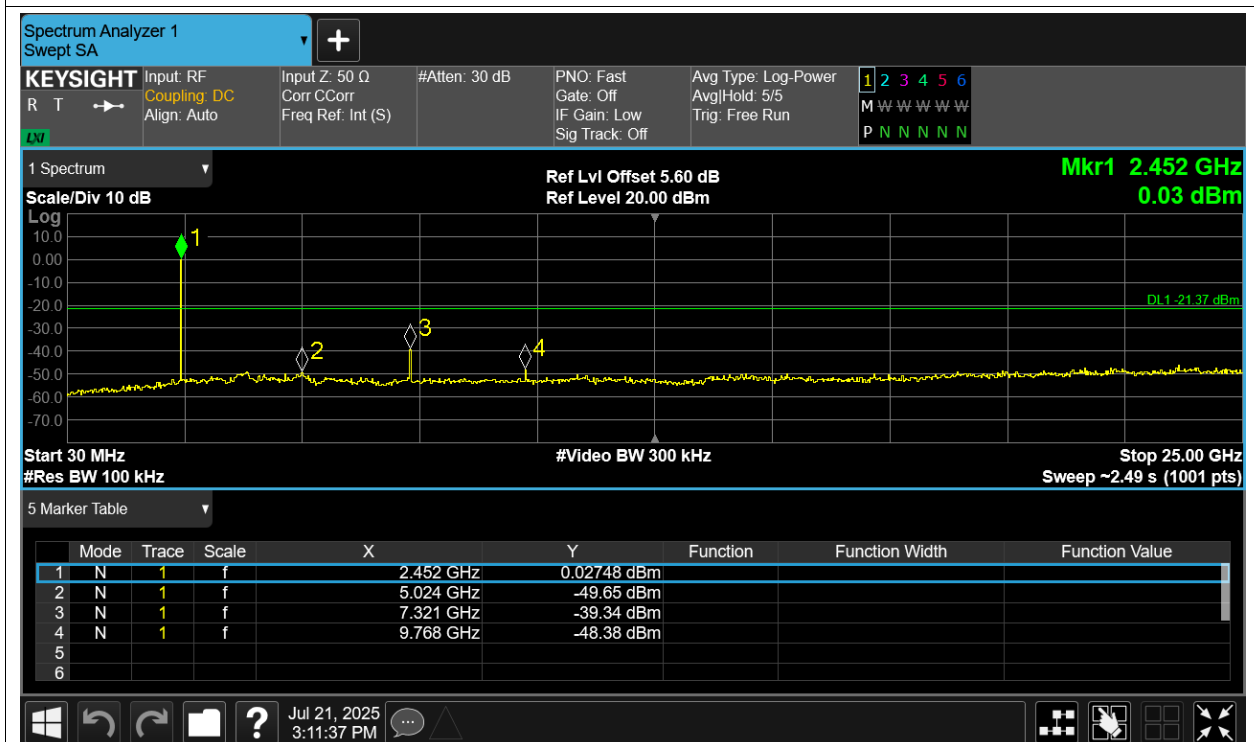
### Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



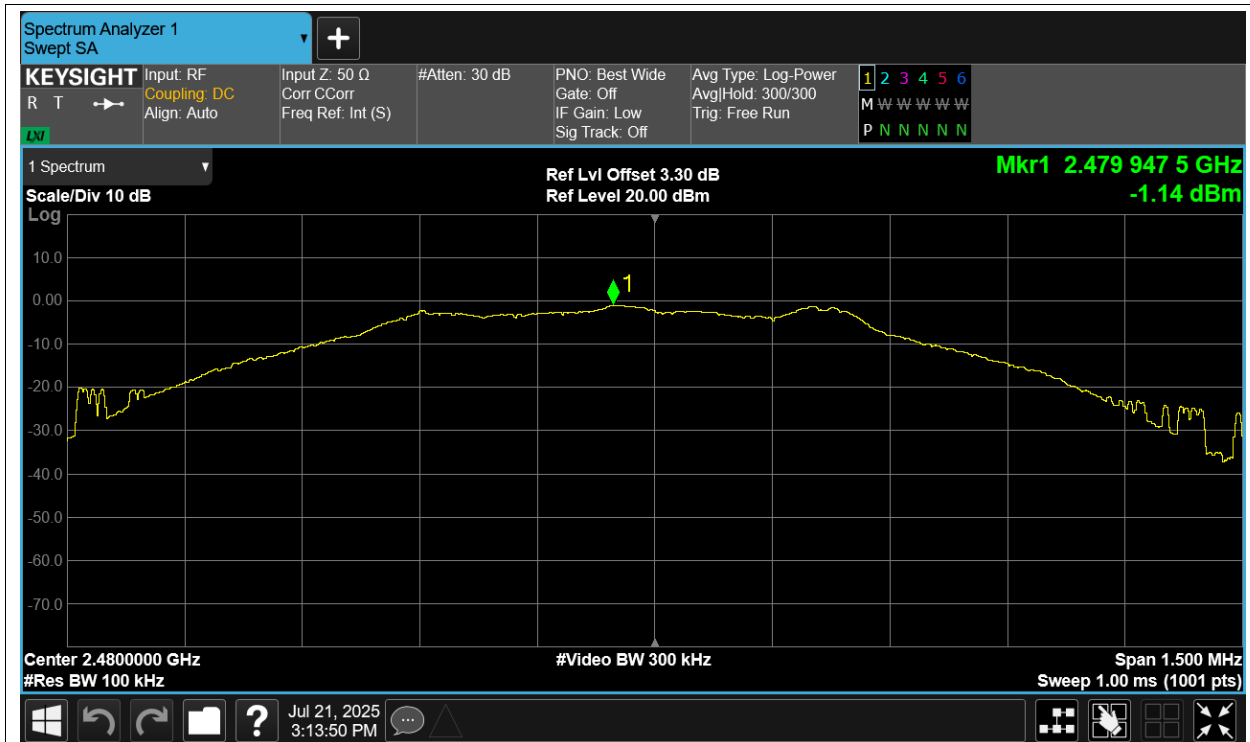
### Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

