

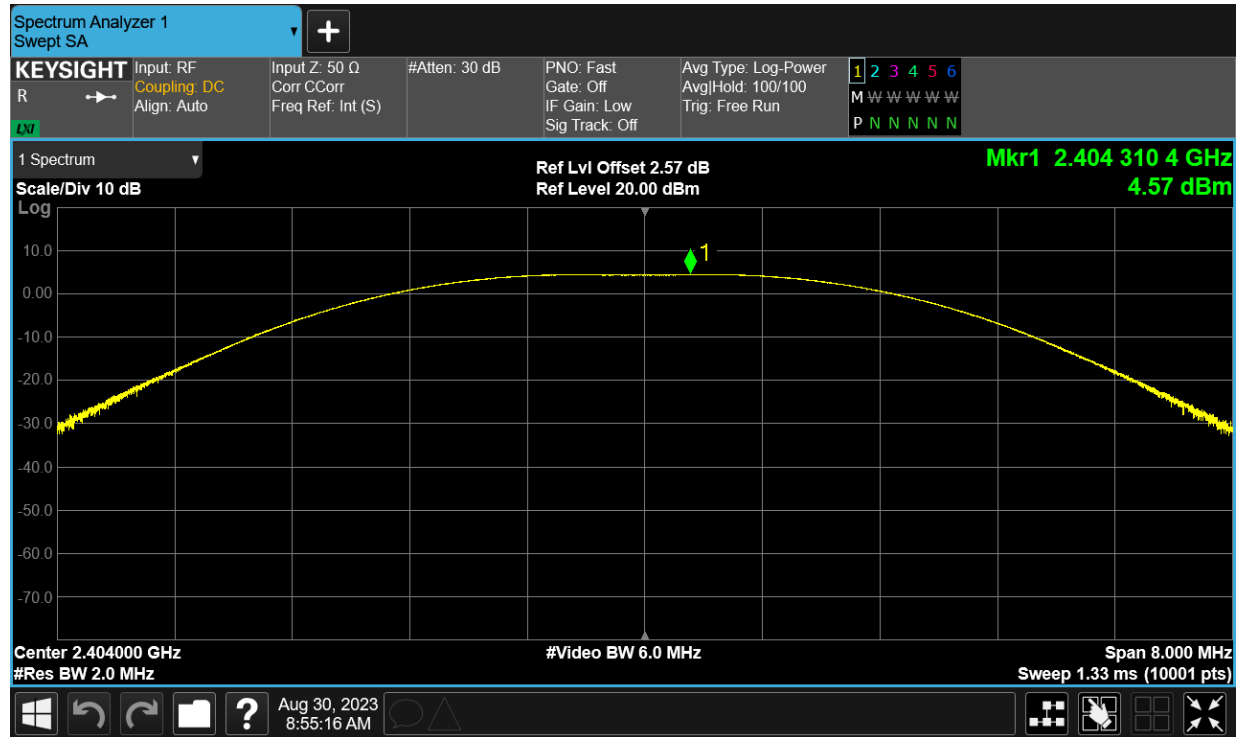
## Test Data

### Maximum Conducted Output Power

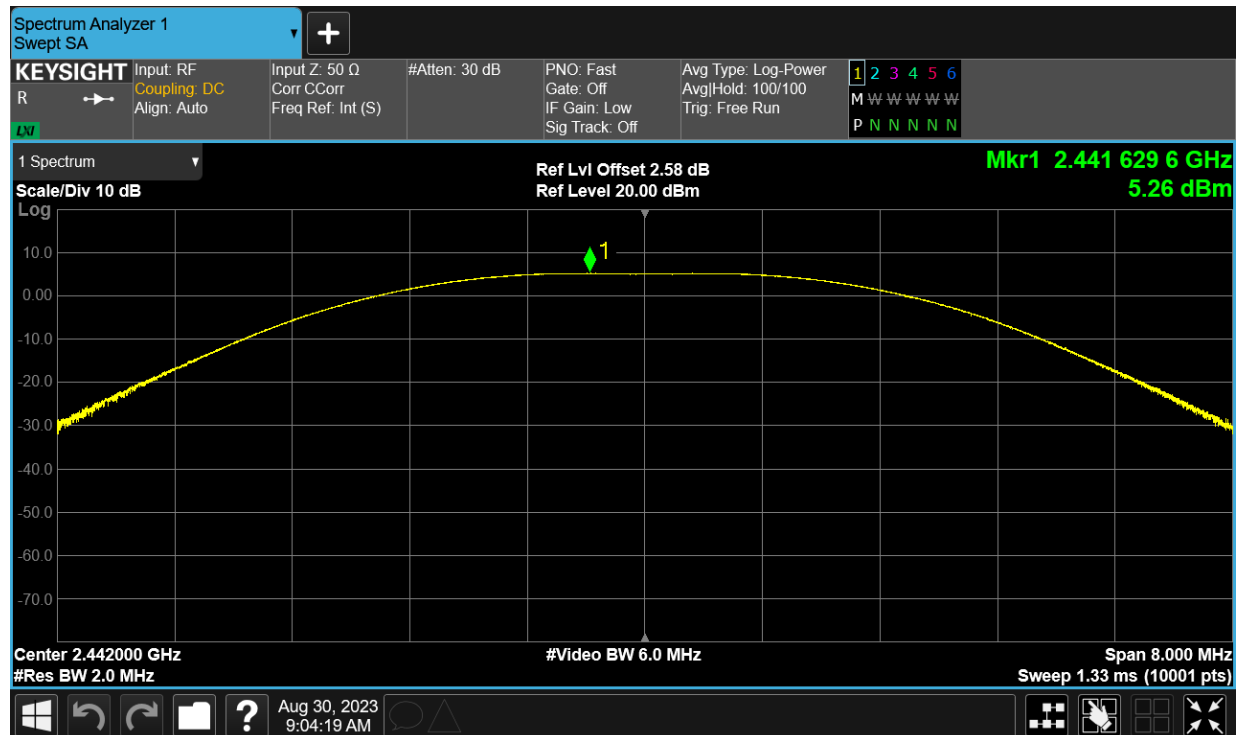
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant12   | 4.567                 | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant12   | 5.262                 | 30          | Pass    |
| NVNT      | BLE  | 2478            | Ant12   | 5.709                 | 30          | Pass    |

## Test Graphs

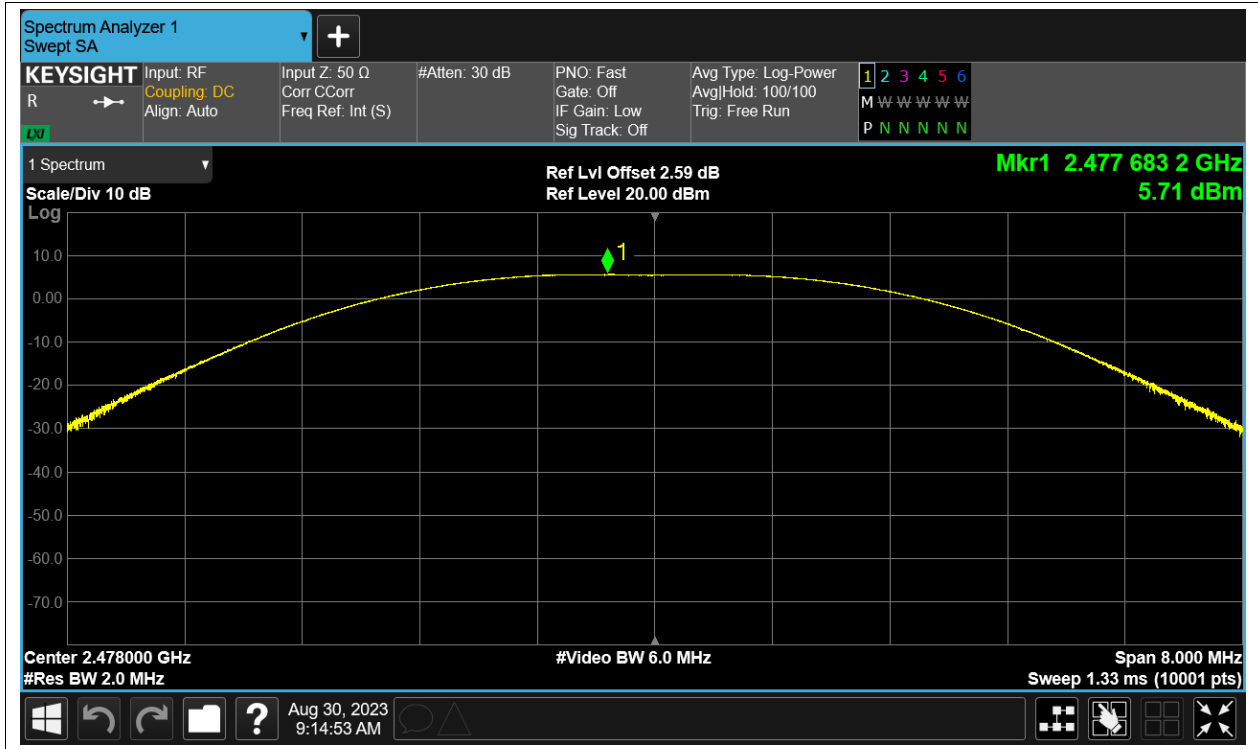
## Power NVNT BLE 2404MHz Ant12



## Power NVNT BLE 2442MHz Ant12



## Power NVNT BLE 2478MHz Ant12

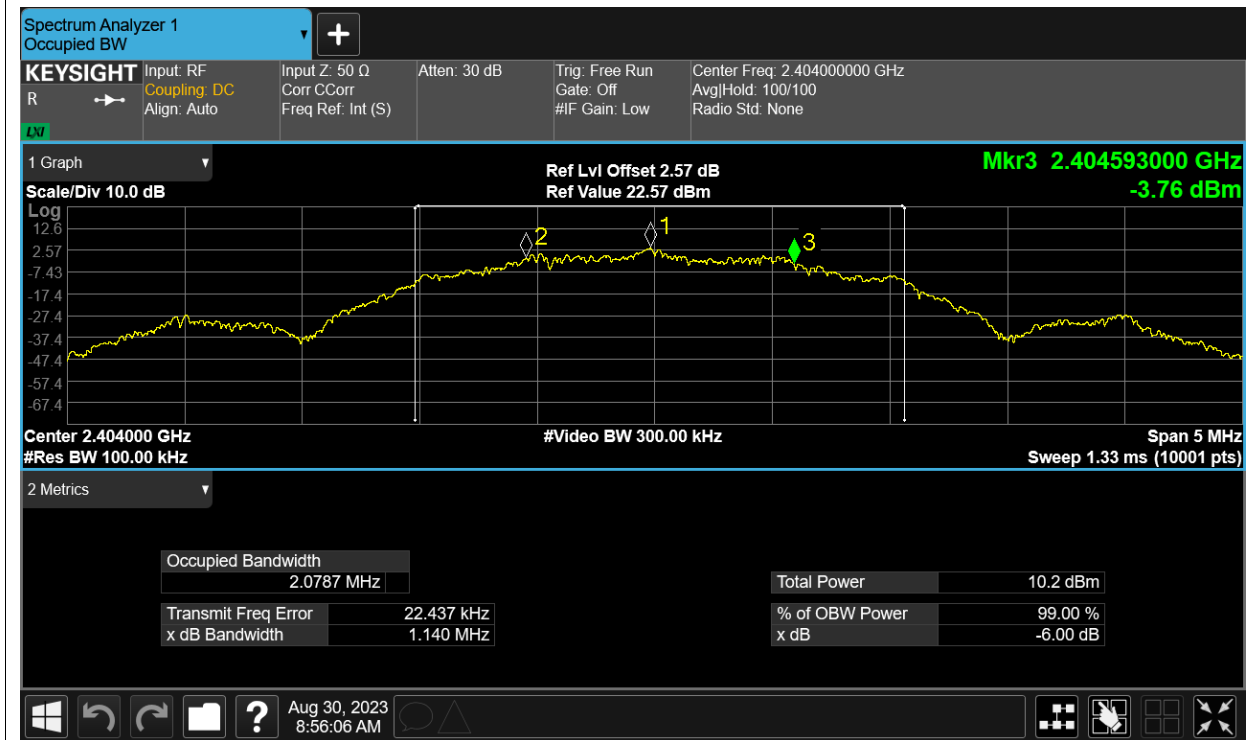


## -6dB Bandwidth

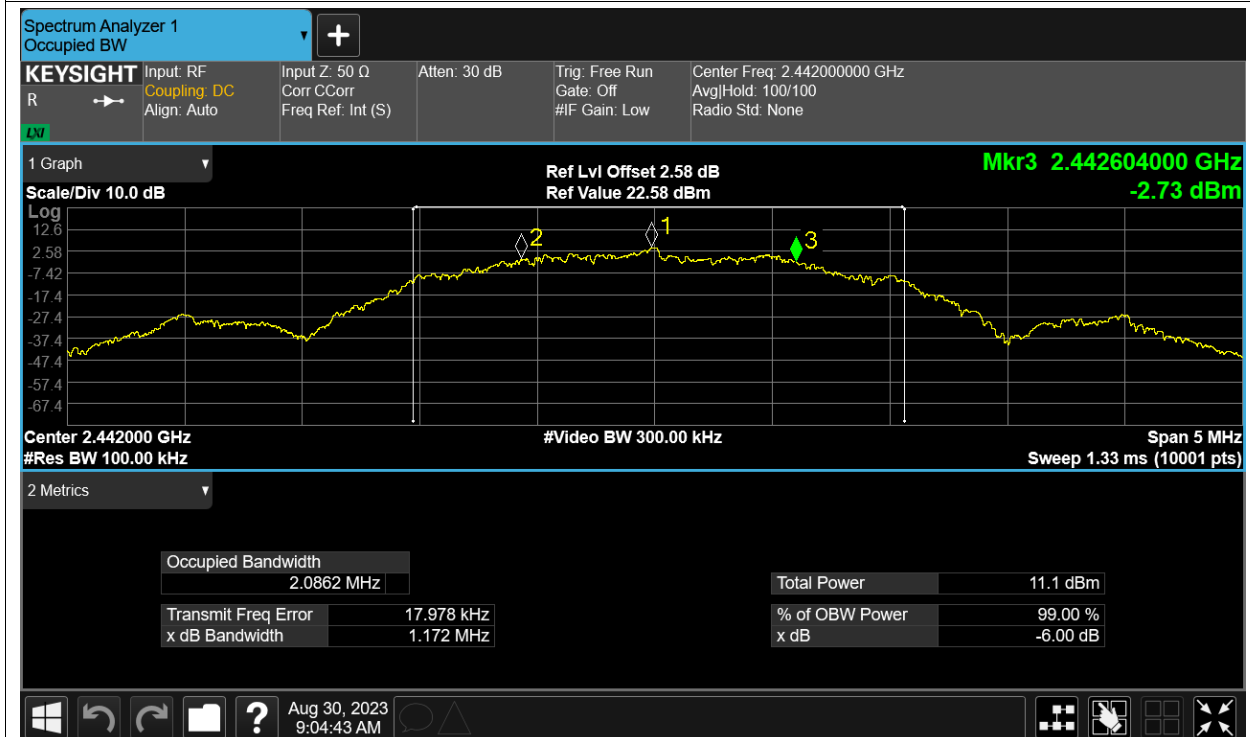
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | BLE  | 2404            | Ant12   | 1.14                  | 0.5   | Pass   |
| NVNT      | BLE  | 2442            | Ant12   | 1.172                 | 0.5   | Pass   |
| NVNT      | BLE  | 2478            | Ant12   | 1.138                 | 0.5   | Pass   |

## Test Graphs

## -6dB Bandwidth NVNT BLE 2404MHz Ant12



## -6dB Bandwidth NVNT BLE 2442MHz Ant12



## -6dB Bandwidth NVNT BLE 2478MHz Ant12



## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2404            | Ant12   | 2.068         |
| NVNT      | BLE  | 2442            | Ant12   | 2.078         |
| NVNT      | BLE  | 2478            | Ant12   | 2.066         |



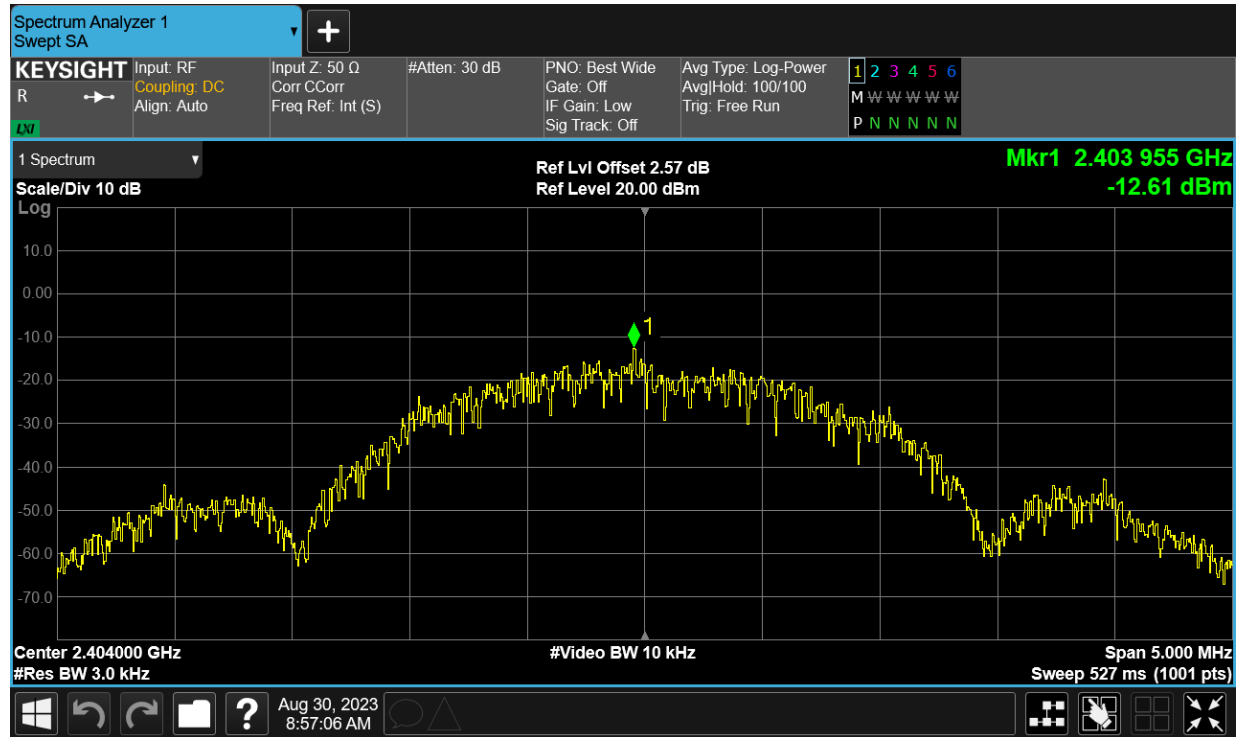


## Maximum Power Spectral Density Level

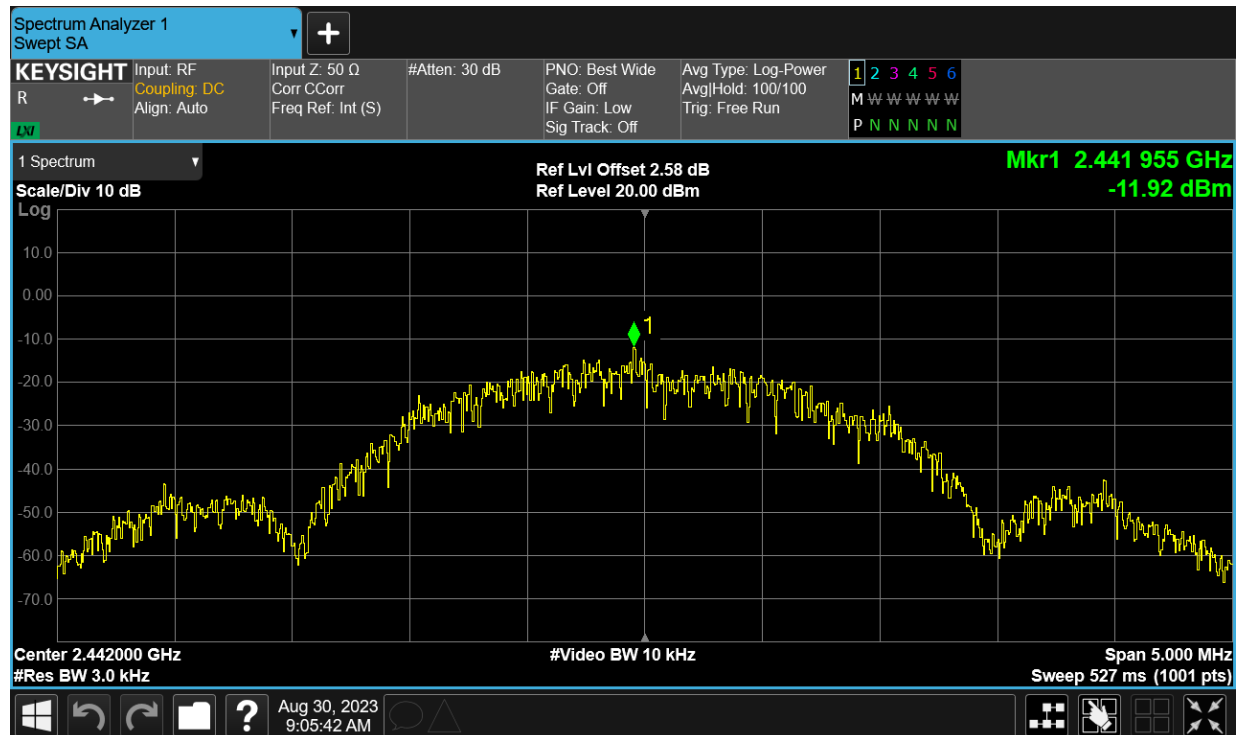
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant12   | -12.605       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant12   | -11.921       | 8           | Pass    |
| NVNT      | BLE  | 2478            | Ant12   | -11.5         | 8           | Pass    |

## Test Graphs

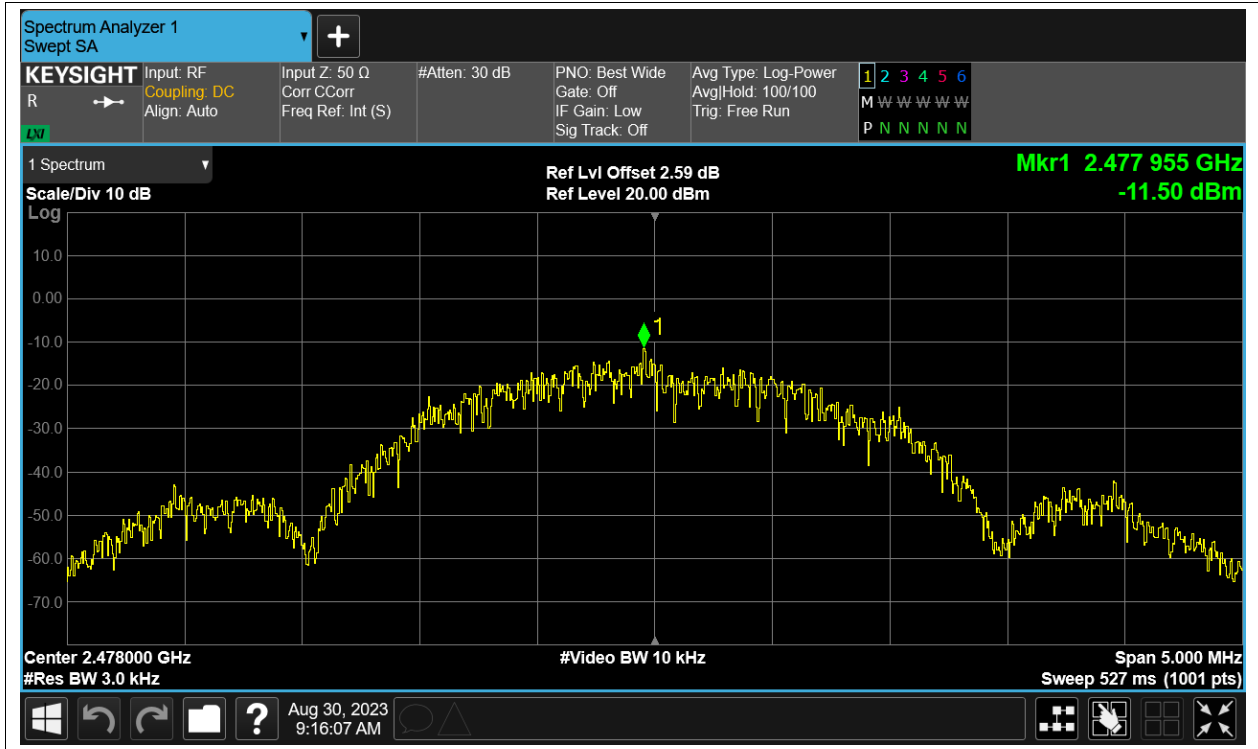
## PSD NVNT BLE 2404MHz Ant12



## PSD NVNT BLE 2442MHz Ant12



## PSD NVNT BLE 2478MHz Ant12

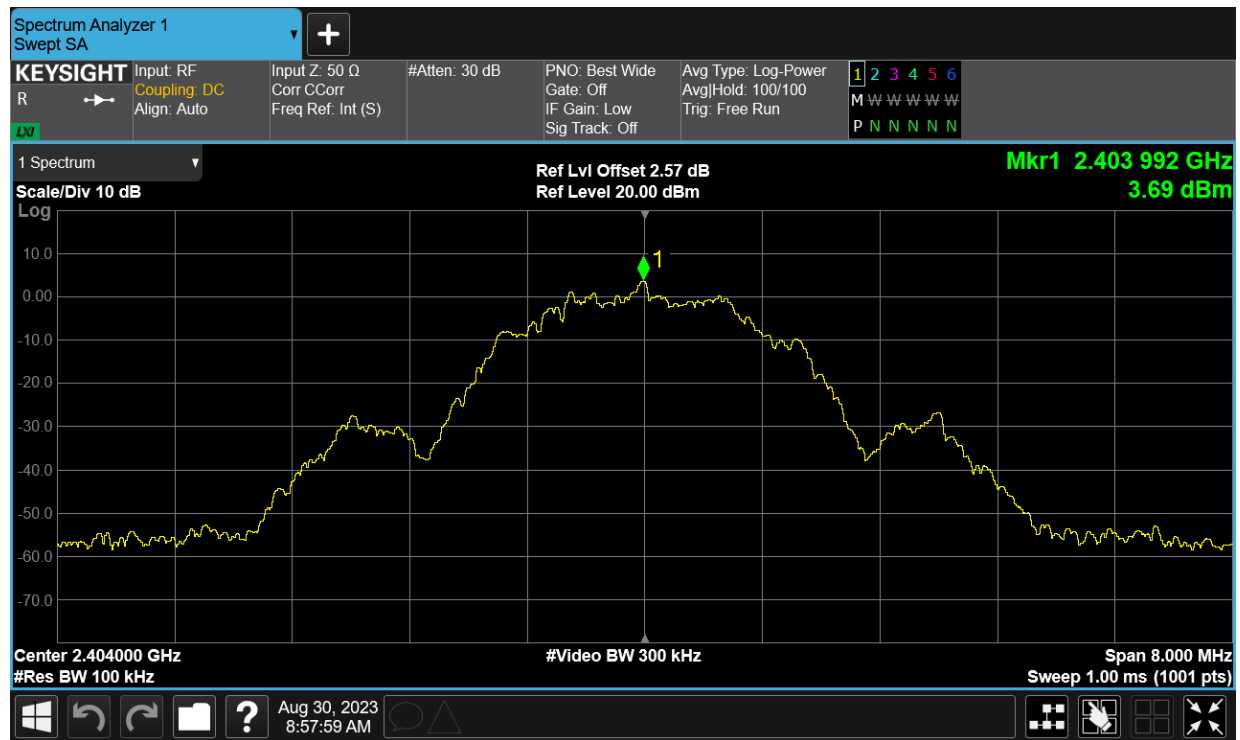


## Band Edge

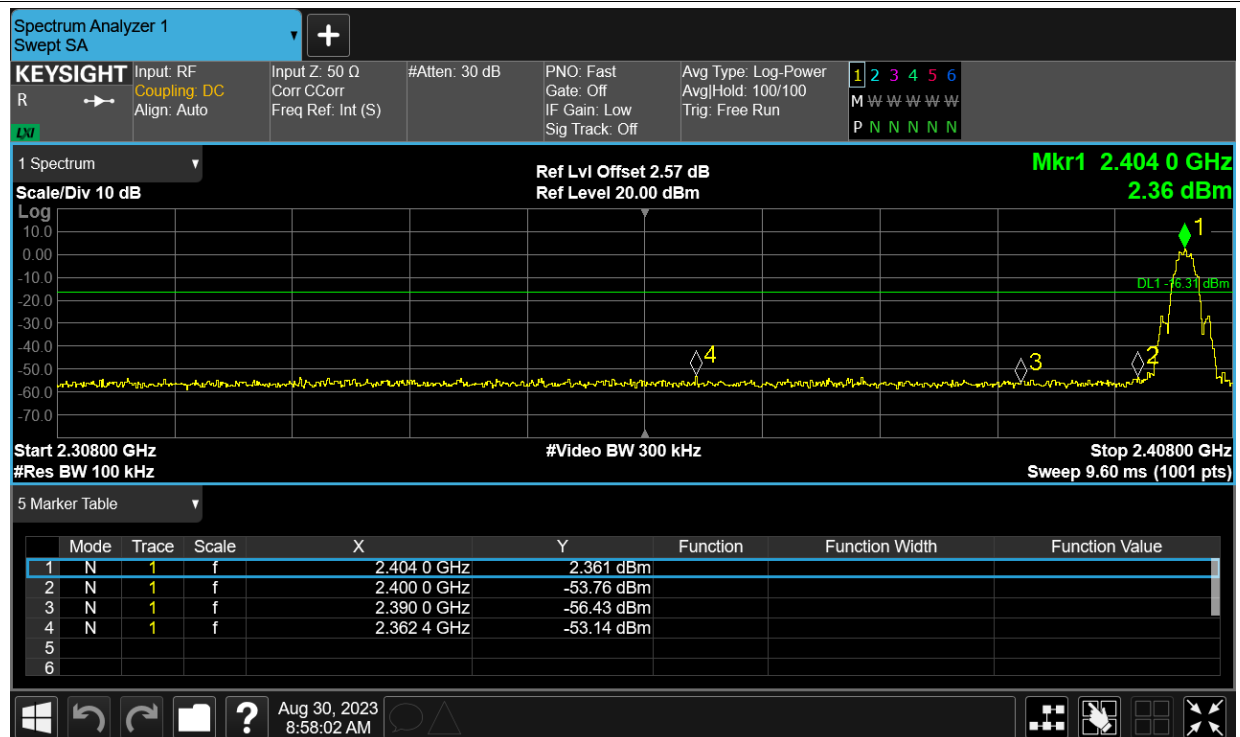
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant12   | -56.83          | -20         | Pass    |
| NVNT      | BLE  | 2478            | Ant12   | -57.95          | -20         | Pass    |

## Test Graphs

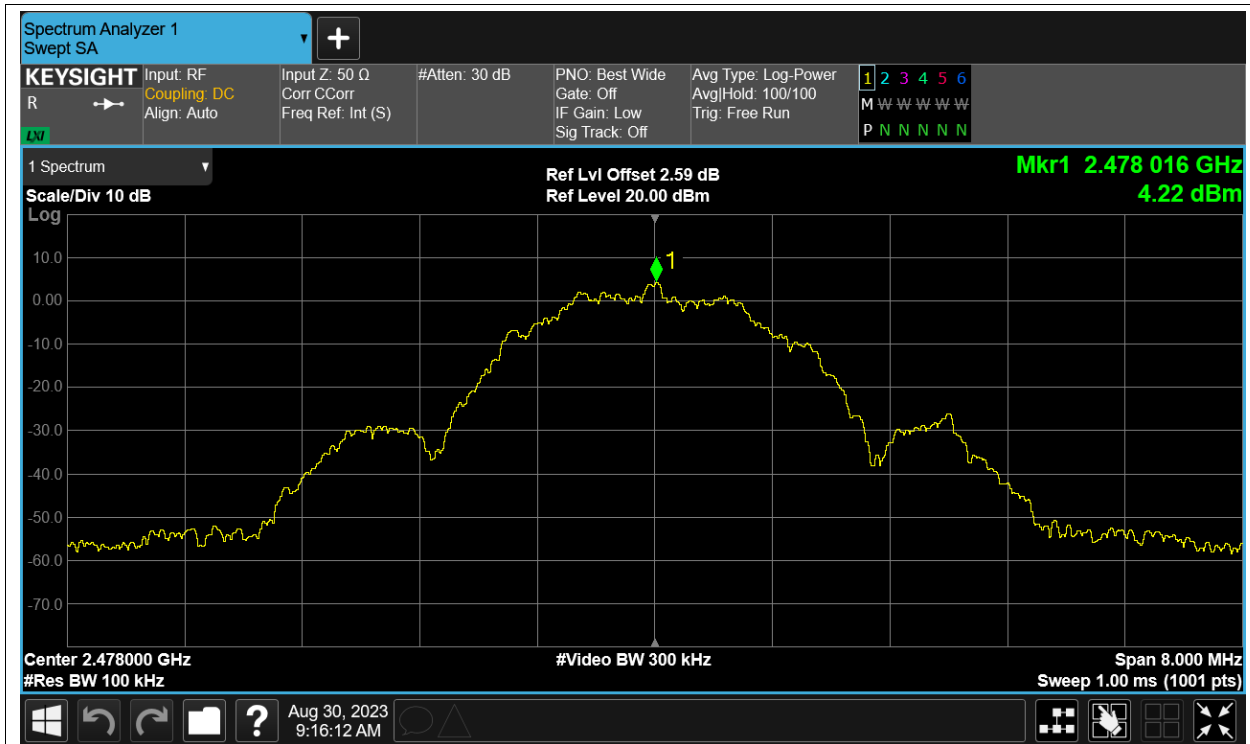
## Band Edge NVNT BLE 2404MHz Ant12 Ref



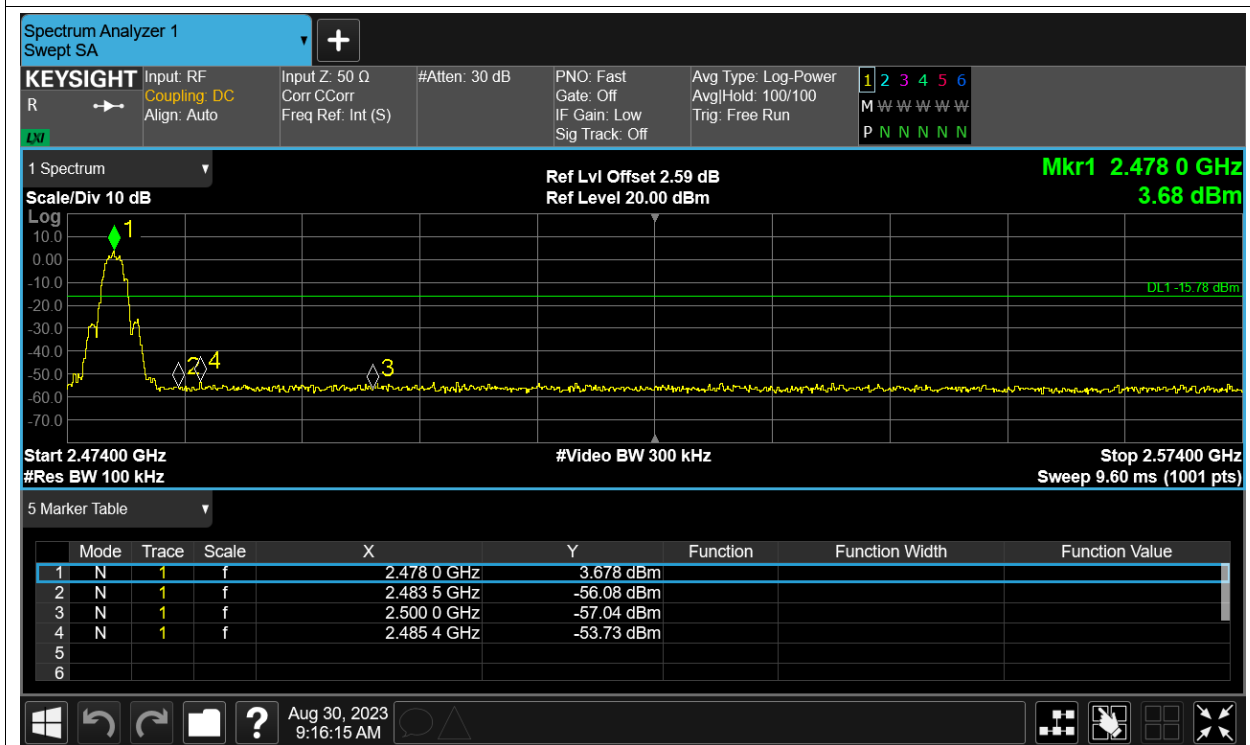
## Band Edge NVNT BLE 2404MHz Ant12 Emission



## Band Edge NVNT BLE 2478MHz Ant12 Ref



Band Edge NVNT BLE 2478MHz Ant12 Emission

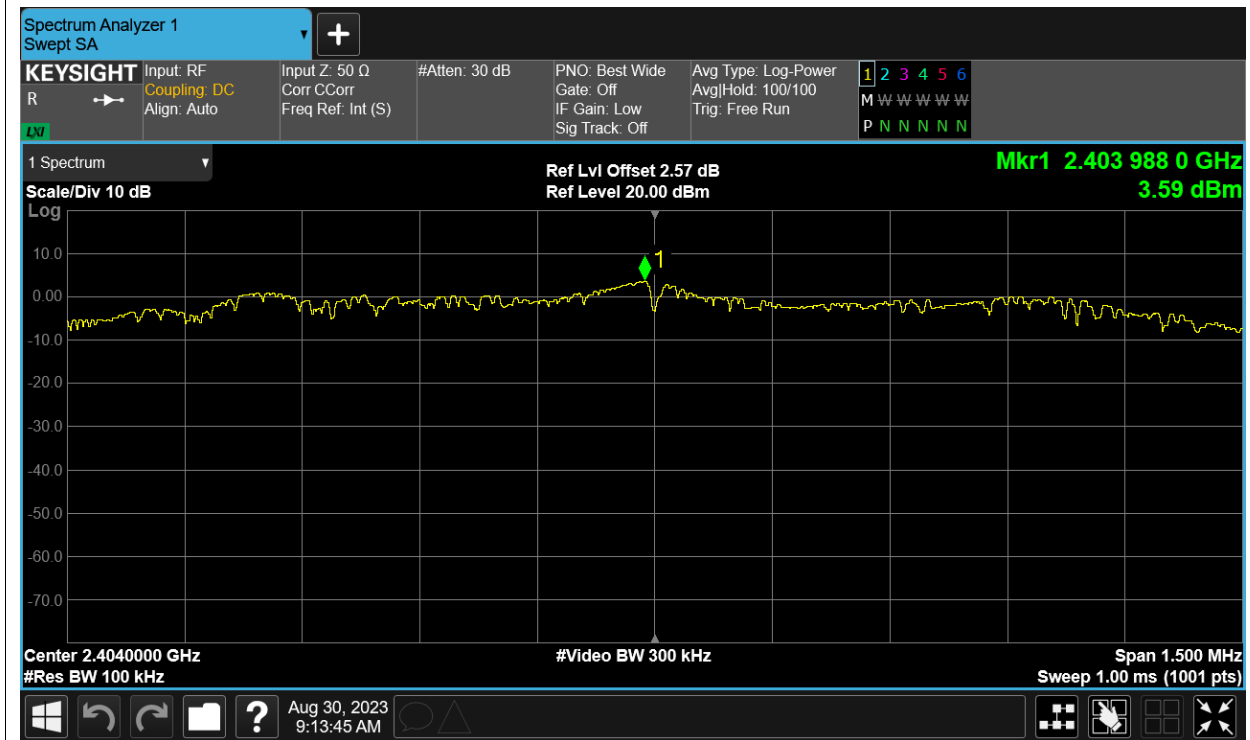


## Conducted RF Spurious Emission

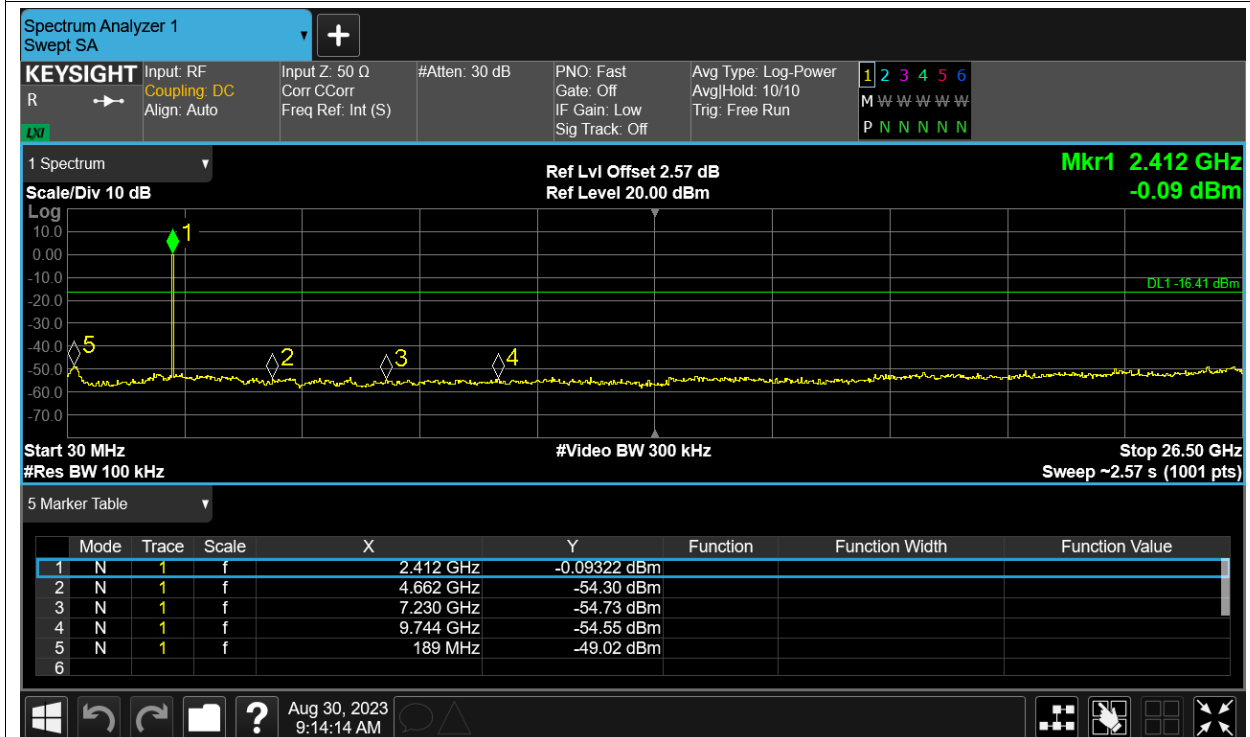
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2404            | Ant12   | -52.61          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant12   | -51.99          | -20         | Pass    |
| NVNT      | BLE  | 2478            | Ant12   | -53.25          | -20         | Pass    |

## Test Graphs

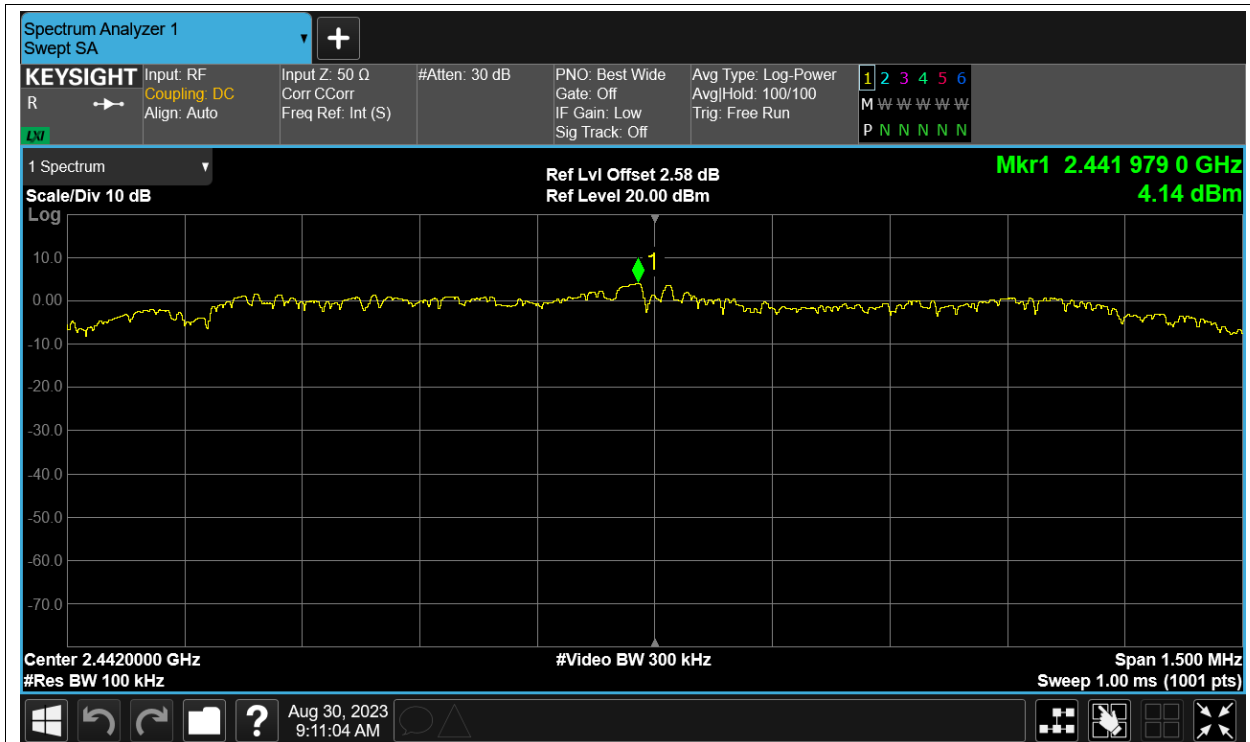
Tx. Spurious NVNT BLE 2404MHz Ant12 Ref



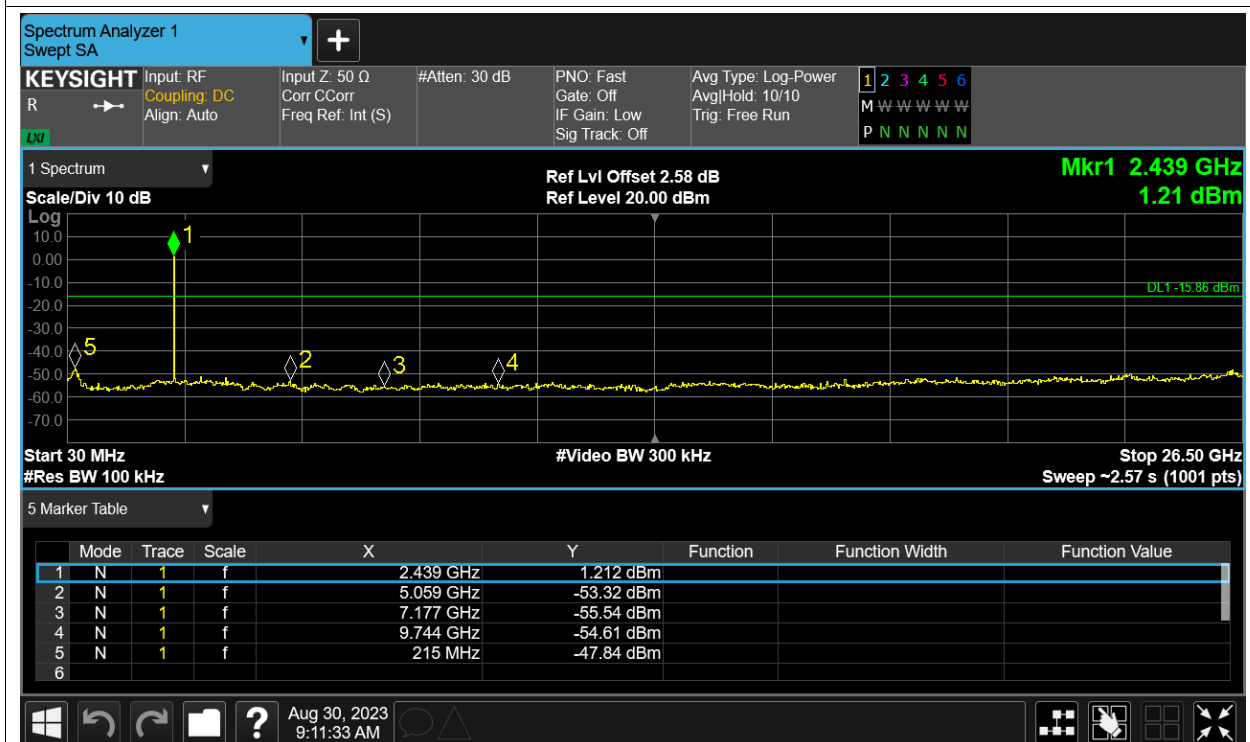
Tx. Spurious NVNT BLE 2404MHz Ant12 Emission



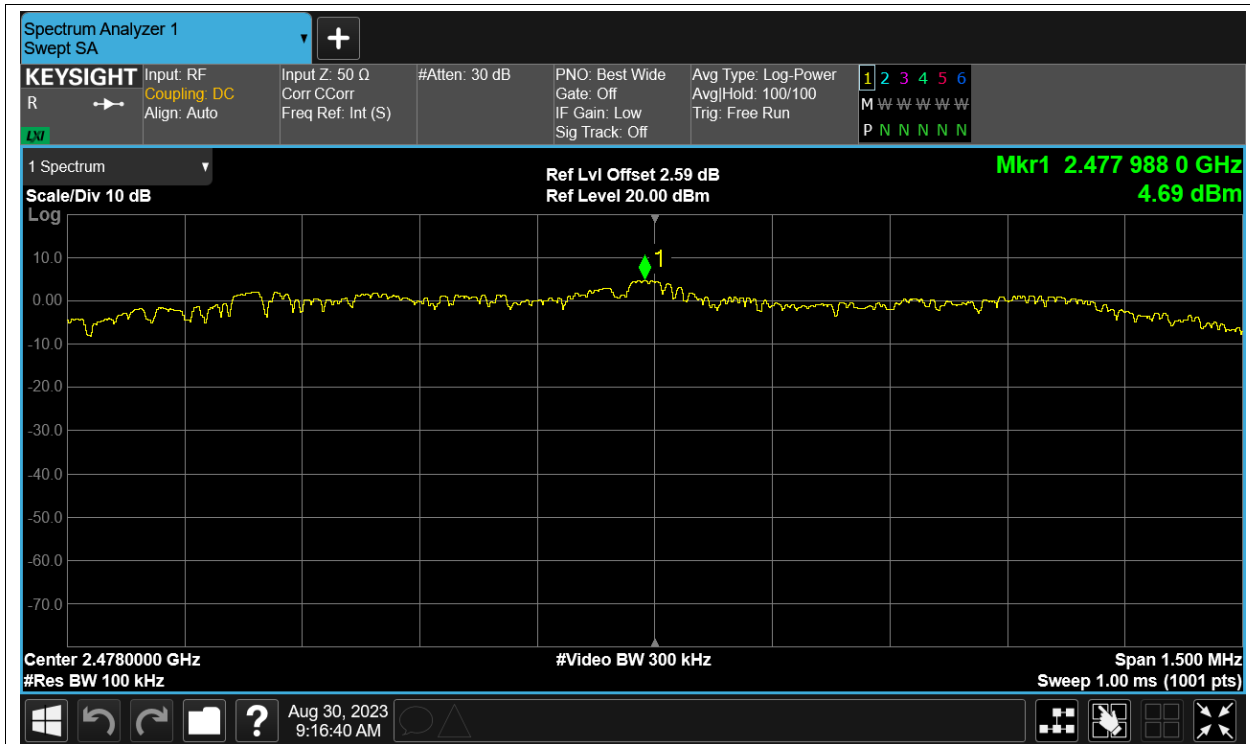
Tx. Spurious NVNT BLE 2442MHz Ant12 Ref



Tx. Spurious NVNT BLE 2442MHz Ant12 Emission



Tx. Spurious NVNT BLE 2478MHz Ant12 Ref



Tx. Spurious NVNT BLE 2478MHz Ant12 Emission

