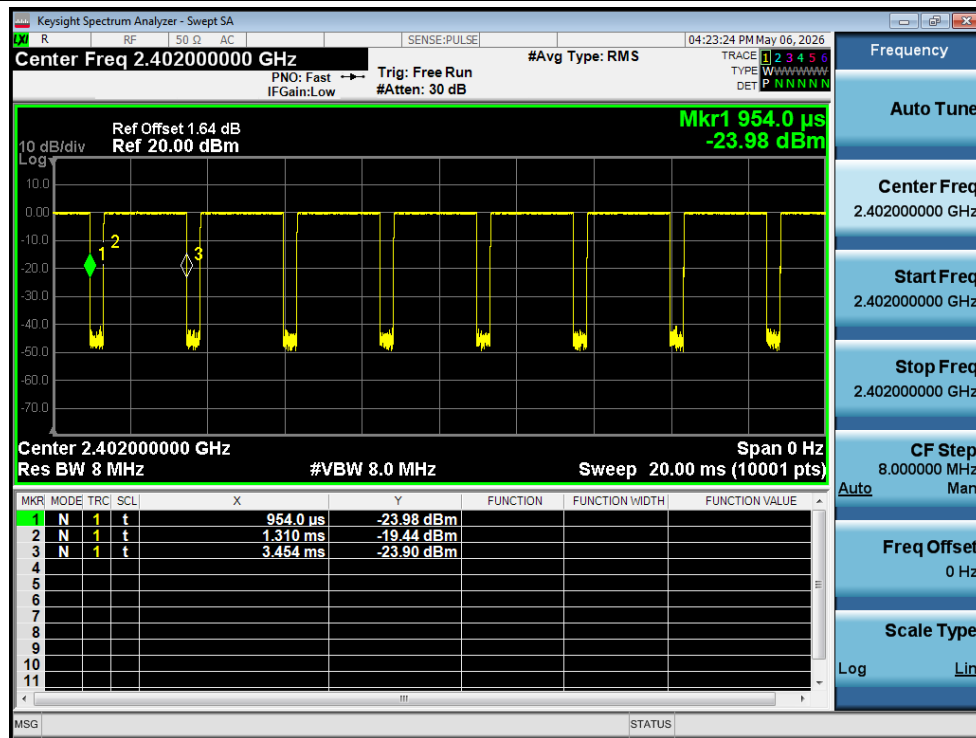


FCC ID: 2BTBM-RC08

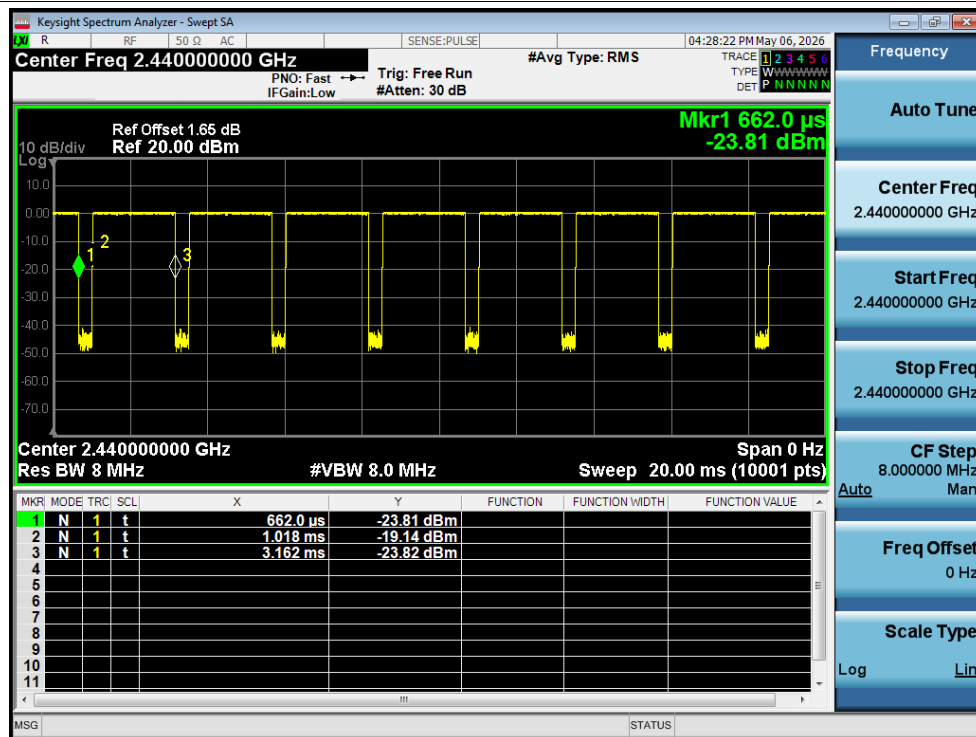
Duty Cycle

| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | BLE 1M | 2402            | Ant1    | 85.76          | 0.67                   | 0.47      |
| NVNT      | BLE 1M | 2440            | Ant1    | 85.76          | 0.67                   | 0.47      |
| NVNT      | BLE 1M | 2480            | Ant1    | 85.68          | 0.67                   | 0.47      |

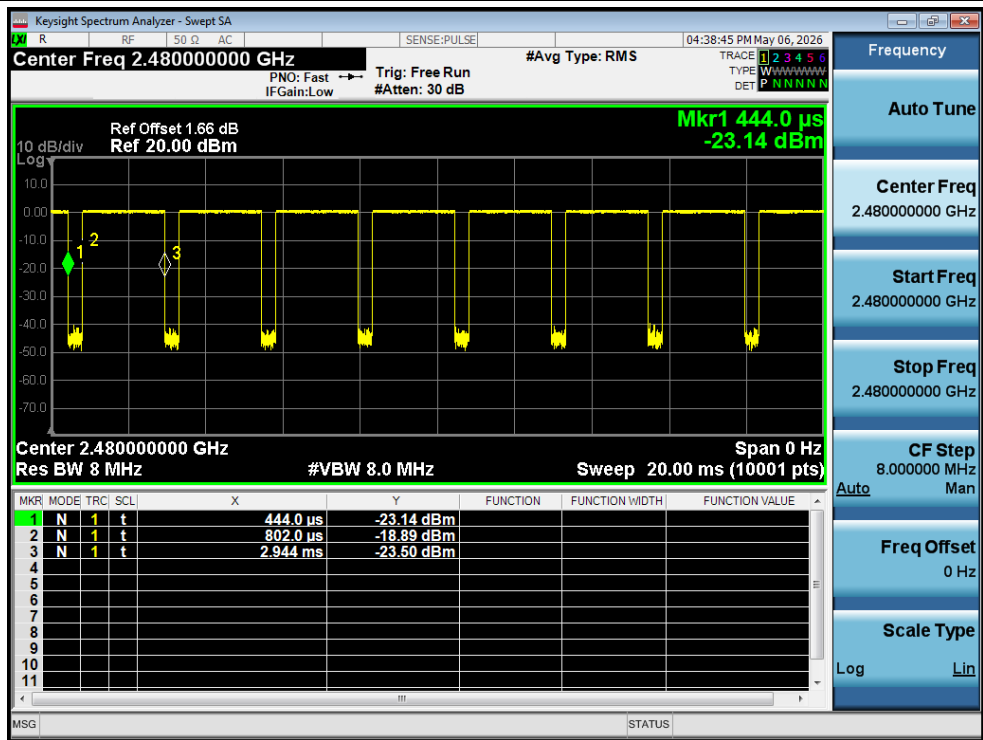
# Report



Duty Cycle NVNT BLE 1M 2402MHz Ant1



Duty Cycle NVNT BLE 1M 2440MHz Ant1

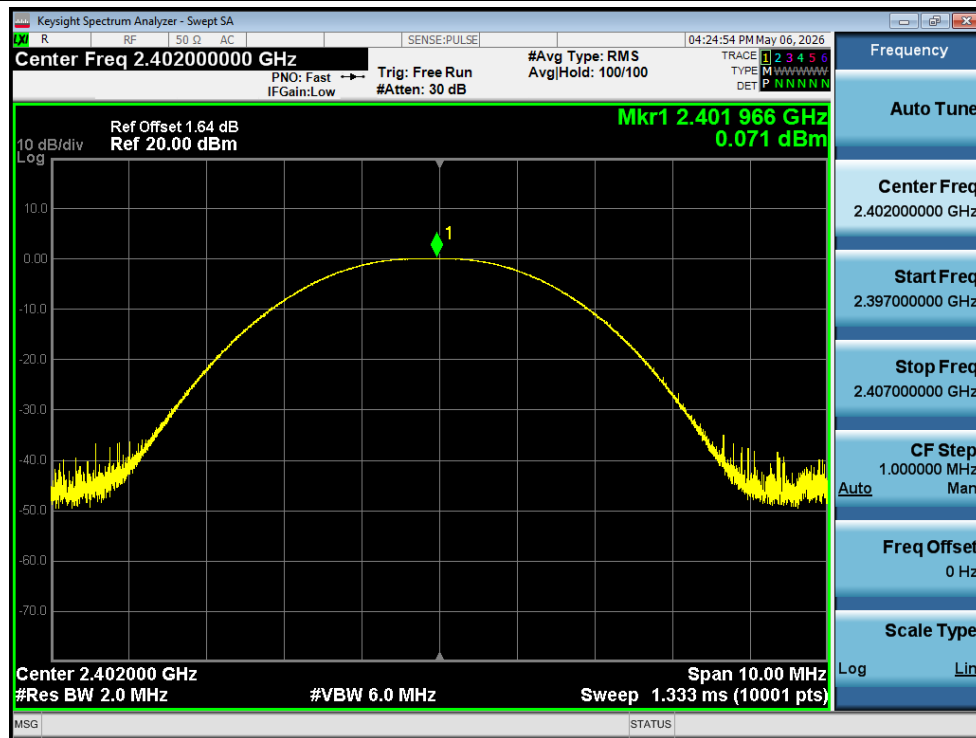


Duty Cycle NVNT BLE 1M 2480MHz Ant1

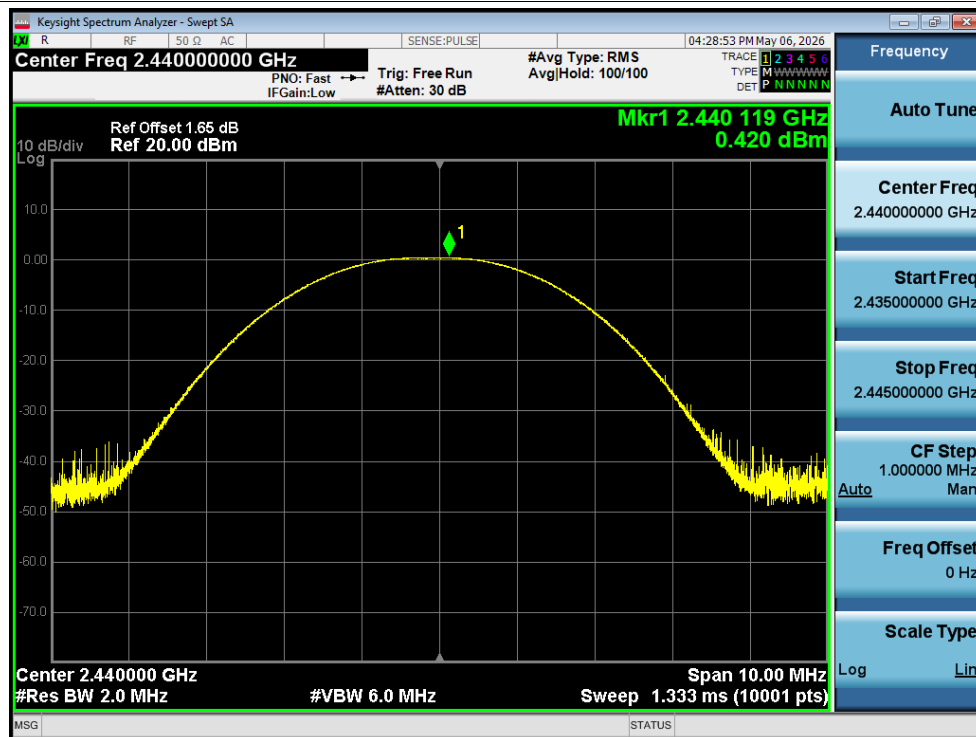
## Maximum Peak Conducted Output Power

| Condition | Mode      | Frequency<br>(MHz) | Antenna | Conducted<br>Power<br>(dBm) | Conducted<br>Power (W) | Limit<br>Conducted(dBm) | Verdict |
|-----------|-----------|--------------------|---------|-----------------------------|------------------------|-------------------------|---------|
| NVNT      | BLE<br>1M | 2402               | Ant1    | 0.07                        | 0.00102                | 30                      | Pass    |
| NVNT      | BLE<br>1M | 2440               | Ant1    | 0.42                        | 0.0011                 | 30                      | Pass    |
| NVNT      | BLE<br>1M | 2480               | Ant1    | 0.55                        | 0.00114                | 30                      | Pass    |

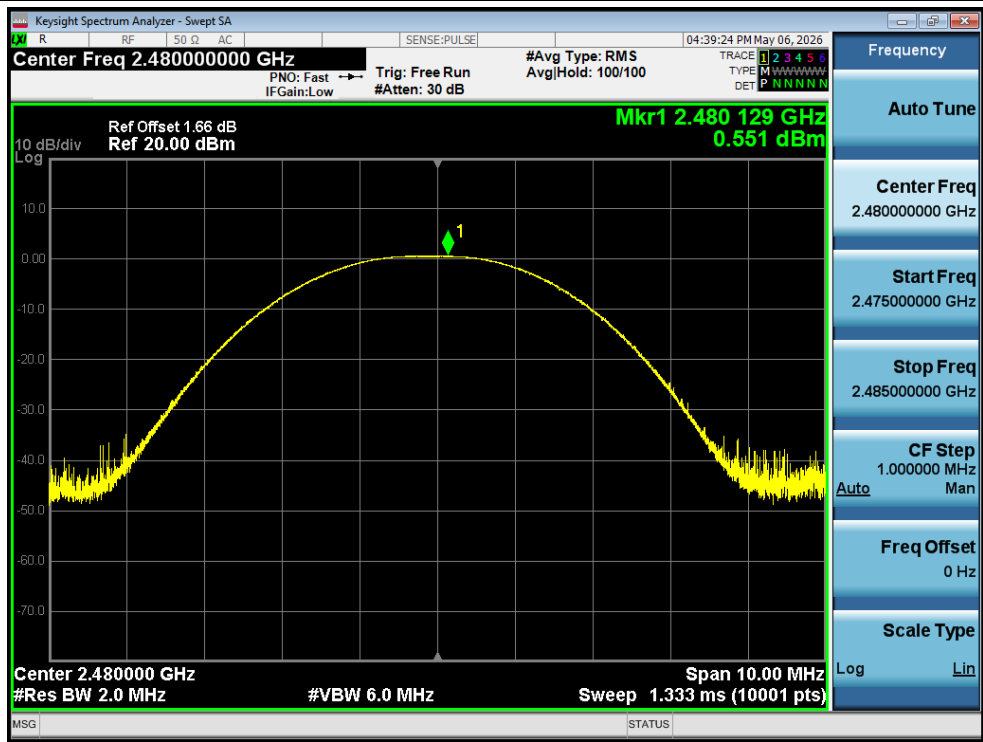
## Report



Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1



Peak Power NVNT BLE 1M 2480MHz Ant1

-6dB Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.6481                | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.6664                | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.653                 | 0.5                         | Pass    |

# Report



-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

## Occupied Channel Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.0364        |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.0304        |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.0376        |

## Report



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1

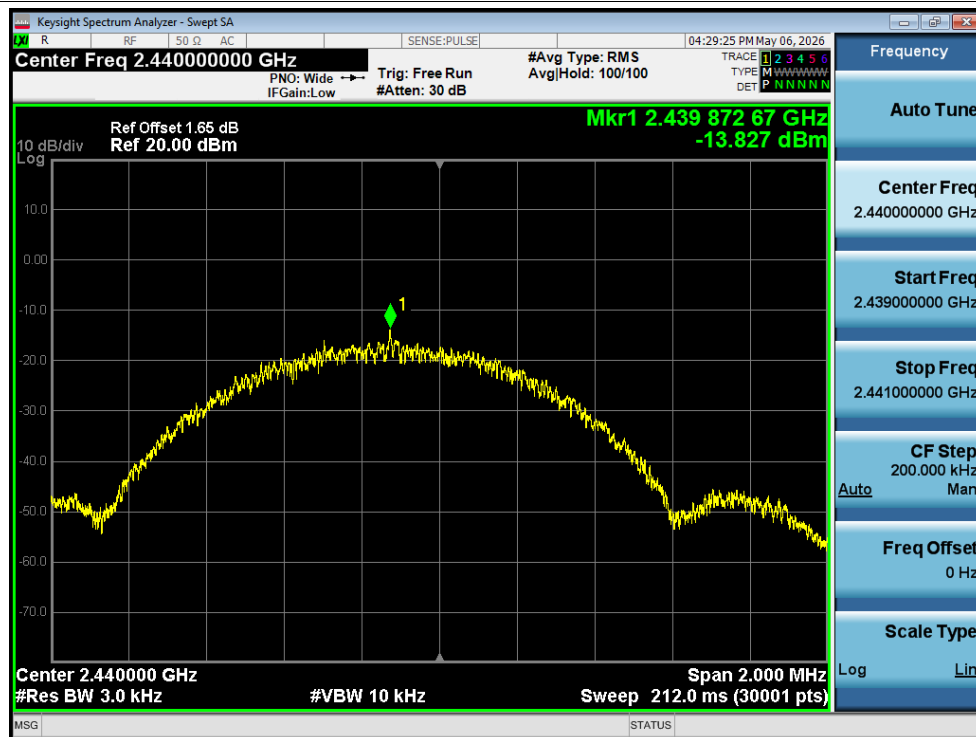
## Maximum Power Spectral Density Level

| Condition | Mode      | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|-----------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | BLE<br>1M | 2402               | Ant1    | -14.25                      | 8                   | Pass    |
| NVNT      | BLE<br>1M | 2440               | Ant1    | -13.83                      | 8                   | Pass    |
| NVNT      | BLE<br>1M | 2480               | Ant1    | -13.64                      | 8                   | Pass    |

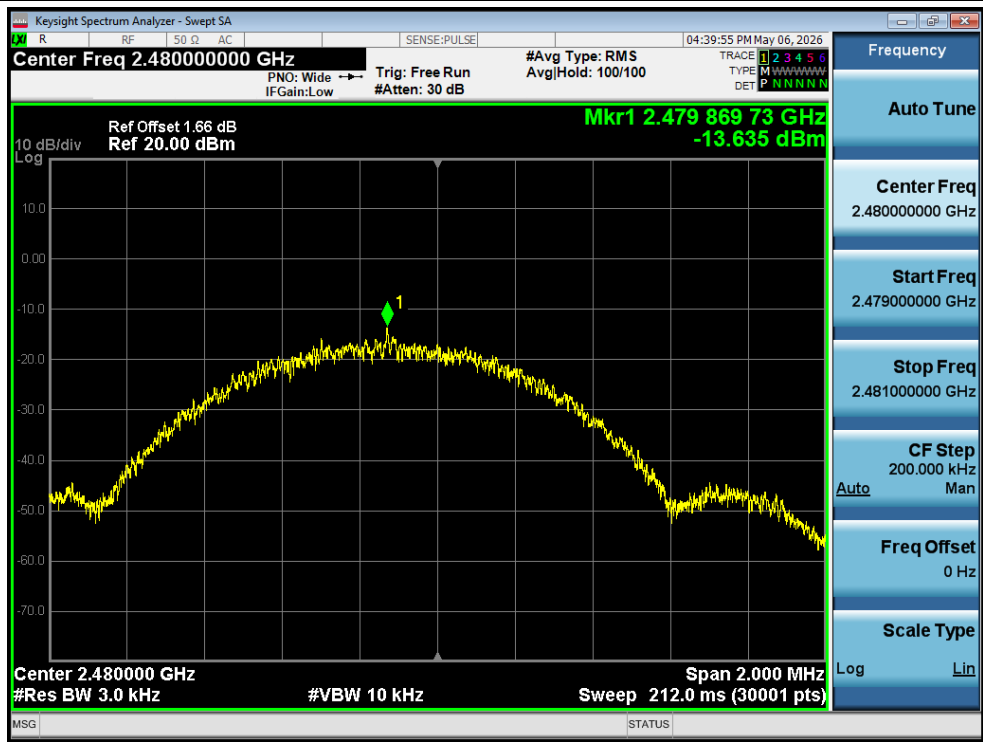
# Report



PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



PSD NVNT BLE 1M 2480MHz Ant1

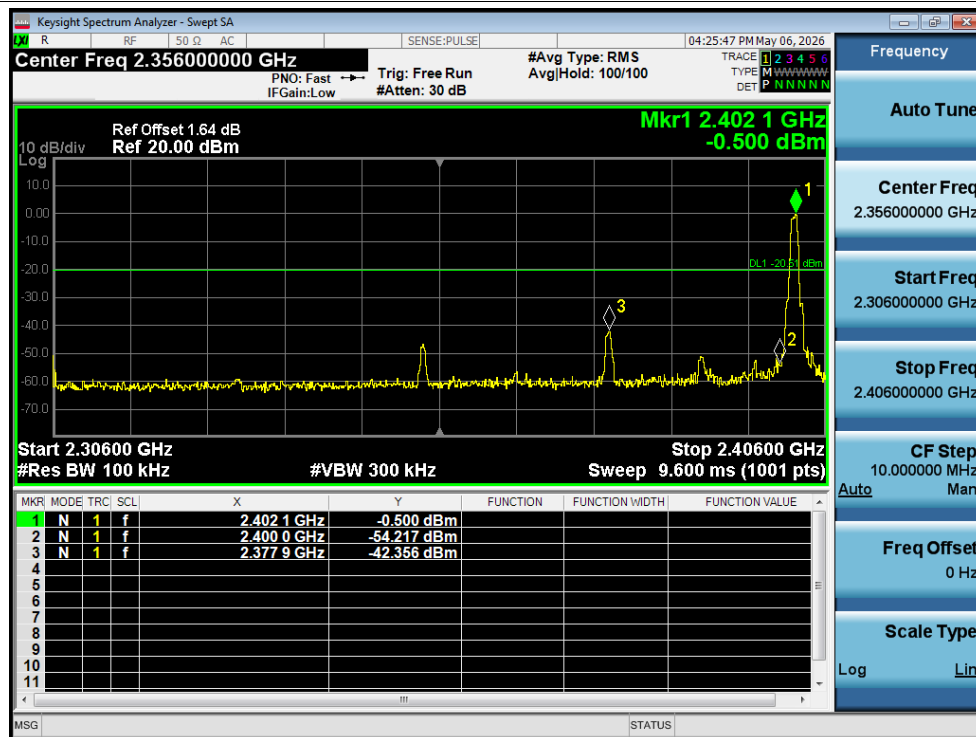
# Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -41.85          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -42.46          | -20         | Pass    |

# Report



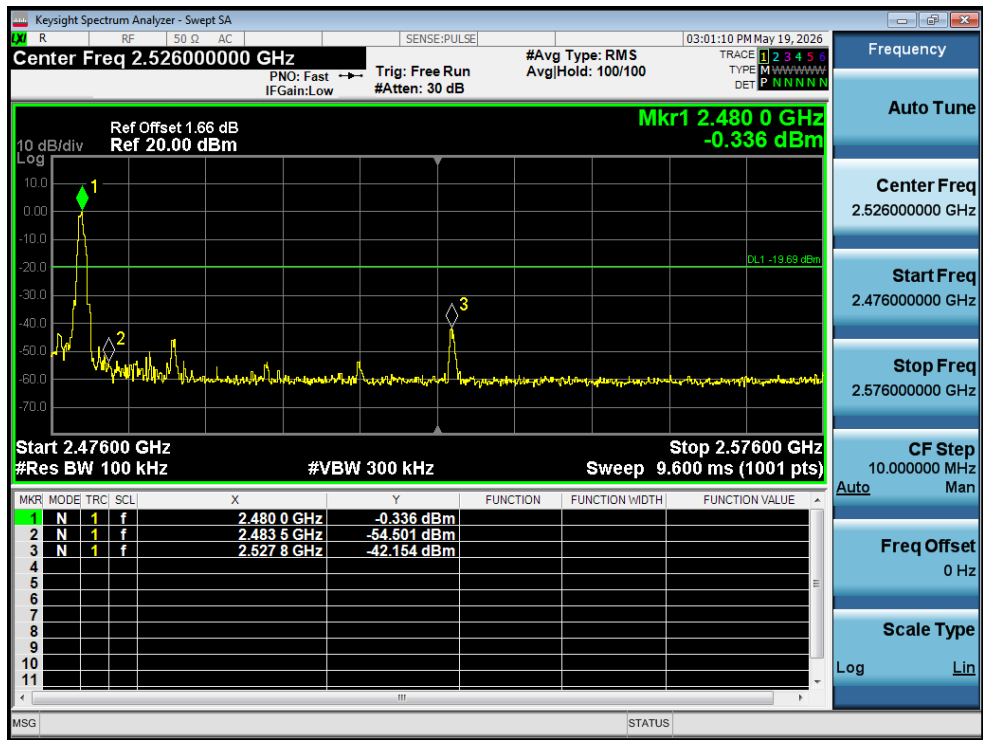
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref

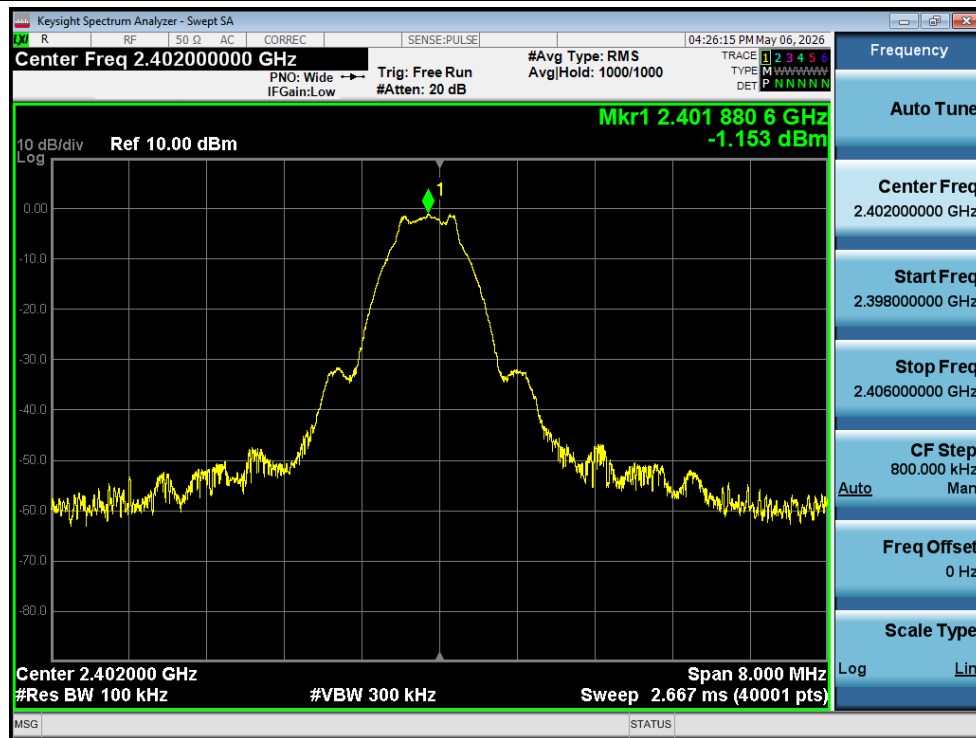


Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

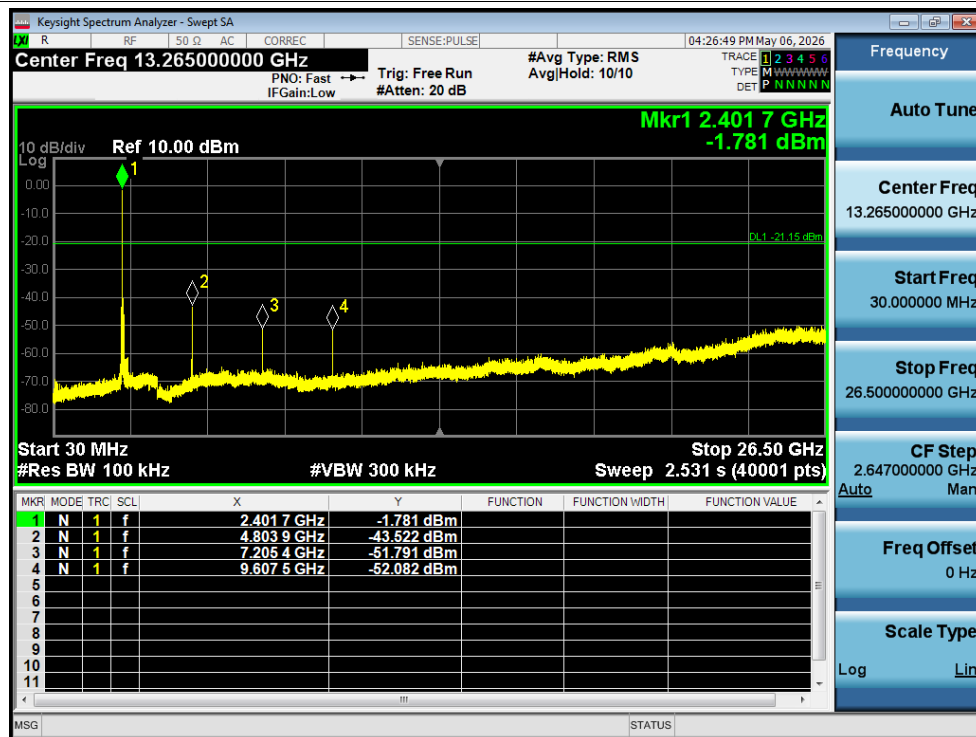
# Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -42.37          | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -43.24          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -43             | -20         | Pass    |

# Report

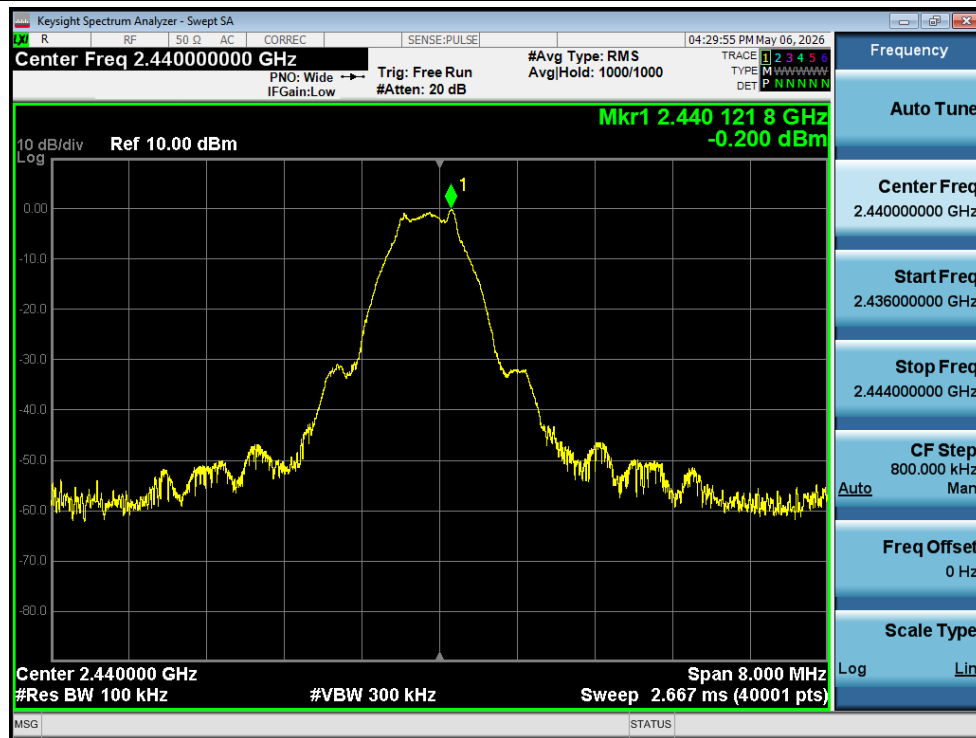


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref

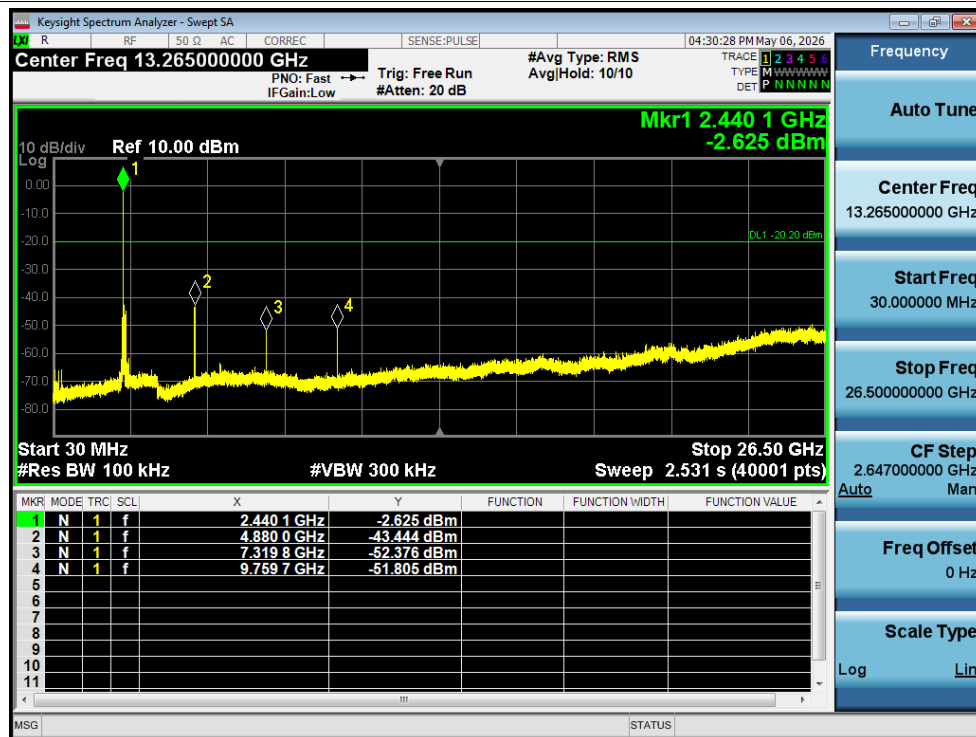


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

# Report

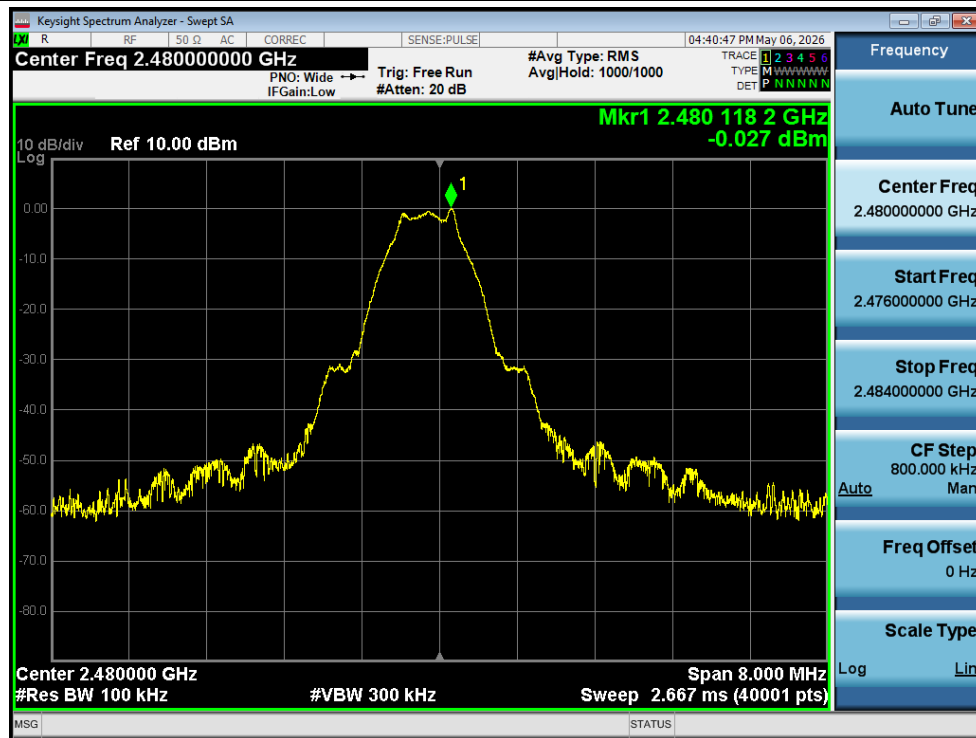


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref

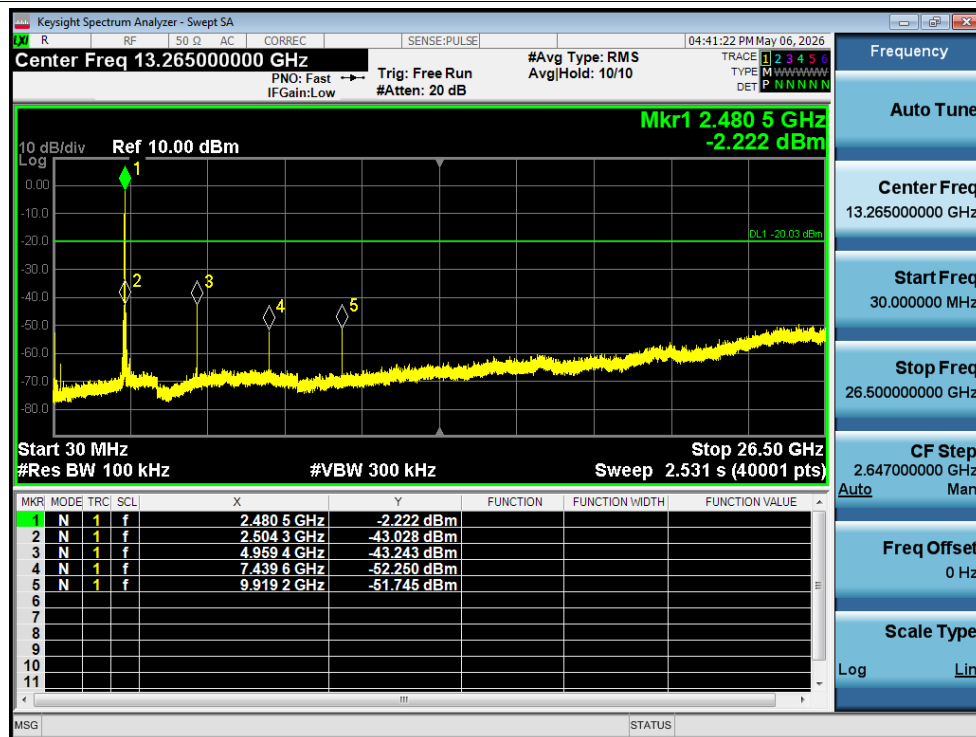


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission

# Report



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission