

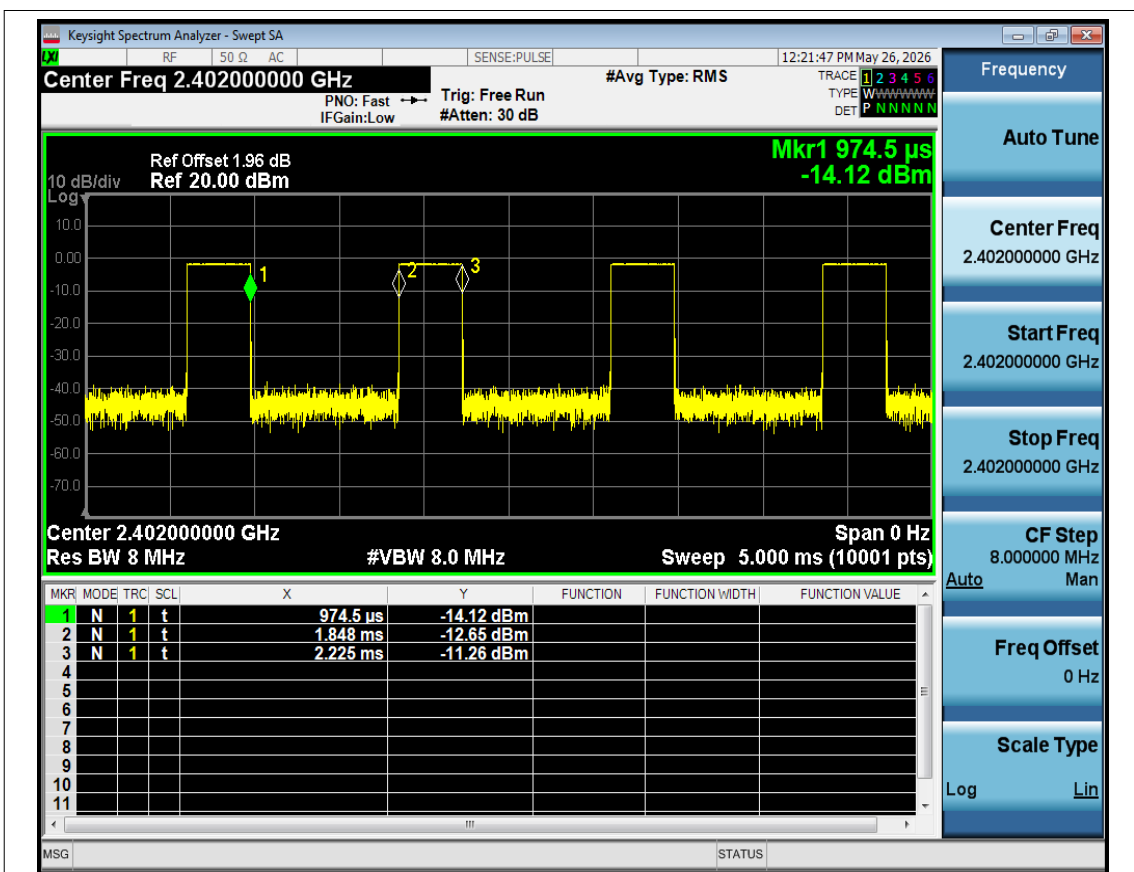
## RF Test Data

## FCC ID: 2BQIK-BASS-32

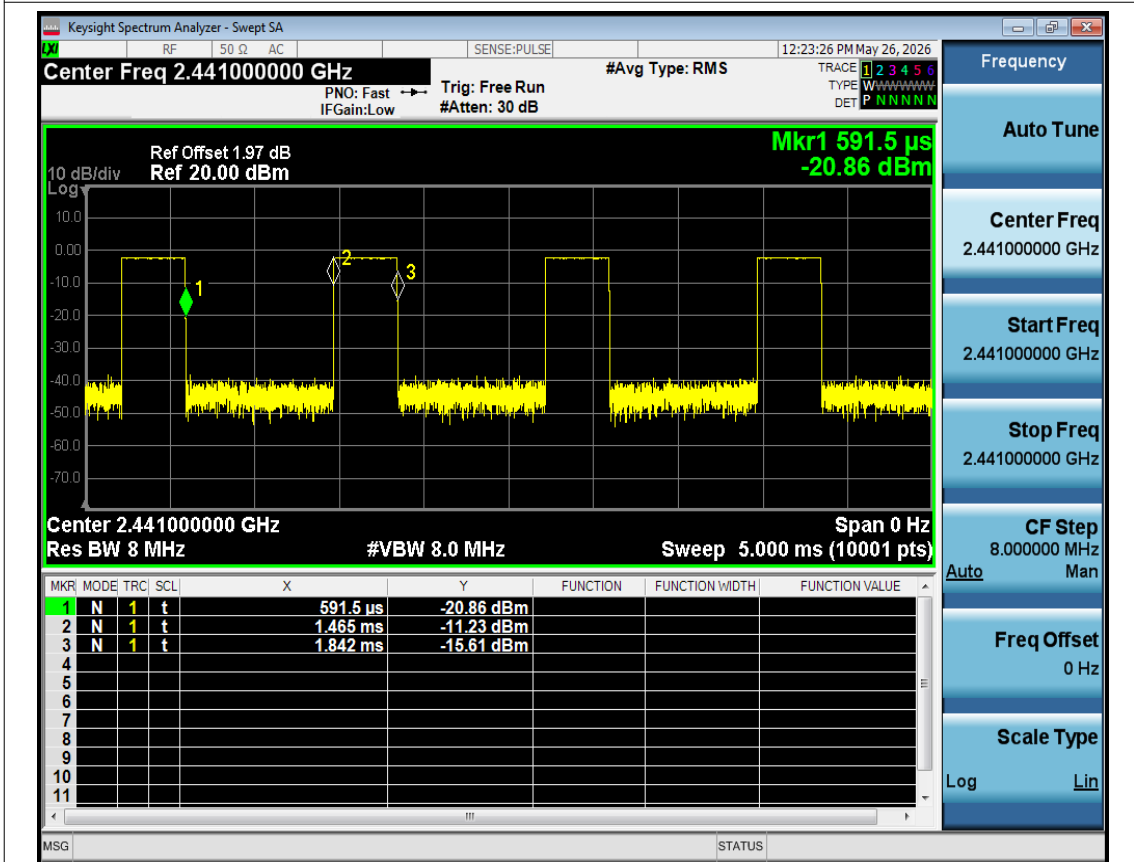
|                                           |    |
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## Duty Cycle

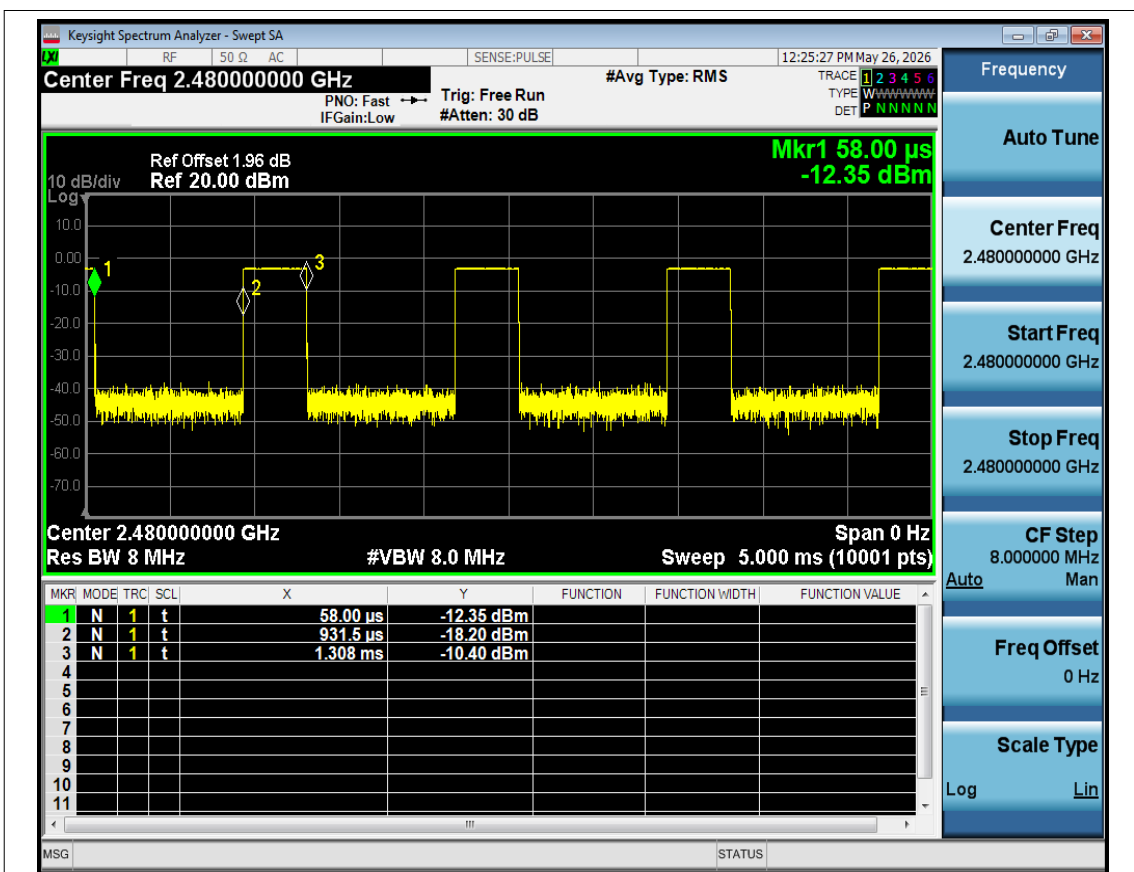
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 30.12          | 5.21                   | 2.66      |
| NVNT      | 1-DH1 | 2441            | Ant1    | 30.12          | 5.21                   | 2.66      |
| NVNT      | 1-DH1 | 2480            | Ant1    | 30.12          | 5.21                   | 2.66      |
| NVNT      | 2-DH1 | 2402            | Ant1    | 30.92          | 5.1                    | 2.59      |
| NVNT      | 2-DH1 | 2441            | Ant1    | 30.92          | 5.1                    | 2.59      |
| NVNT      | 2-DH1 | 2480            | Ant1    | 30.92          | 5.1                    | 2.59      |



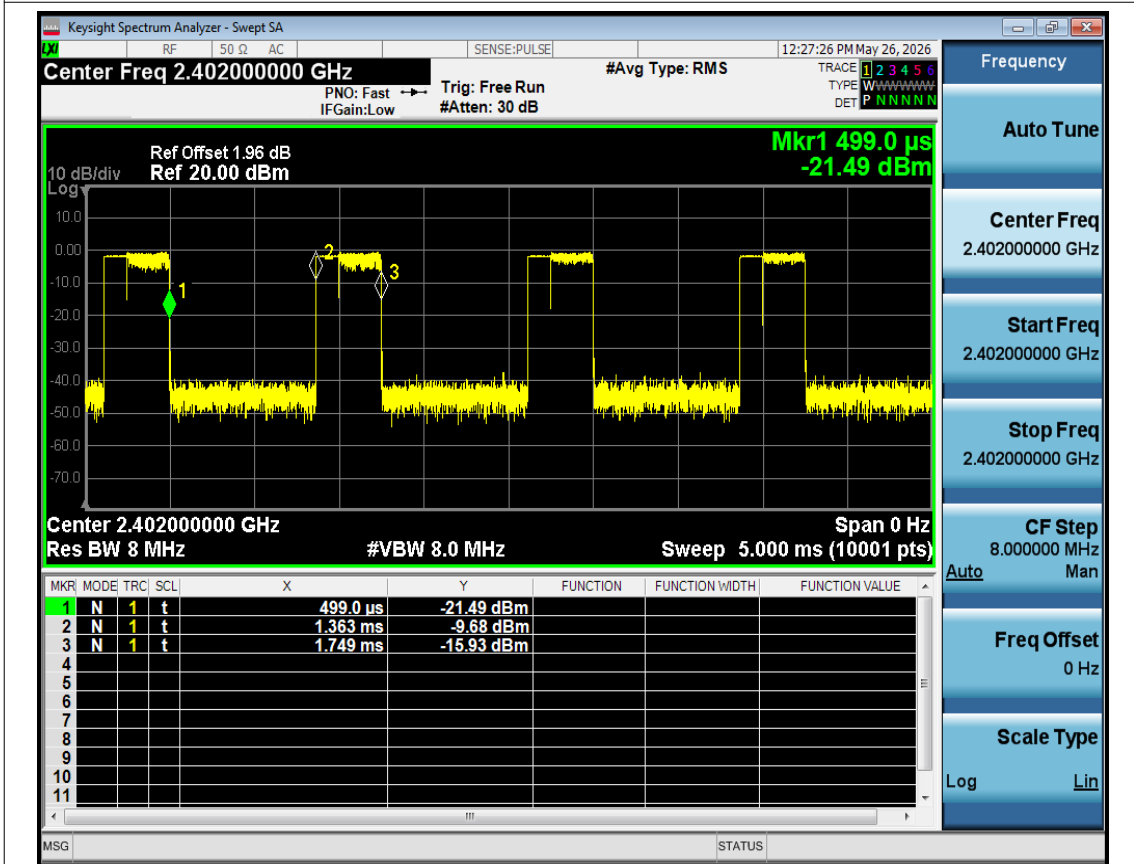
Duty Cycle NVNT 1-DH1 2402MHz Ant1



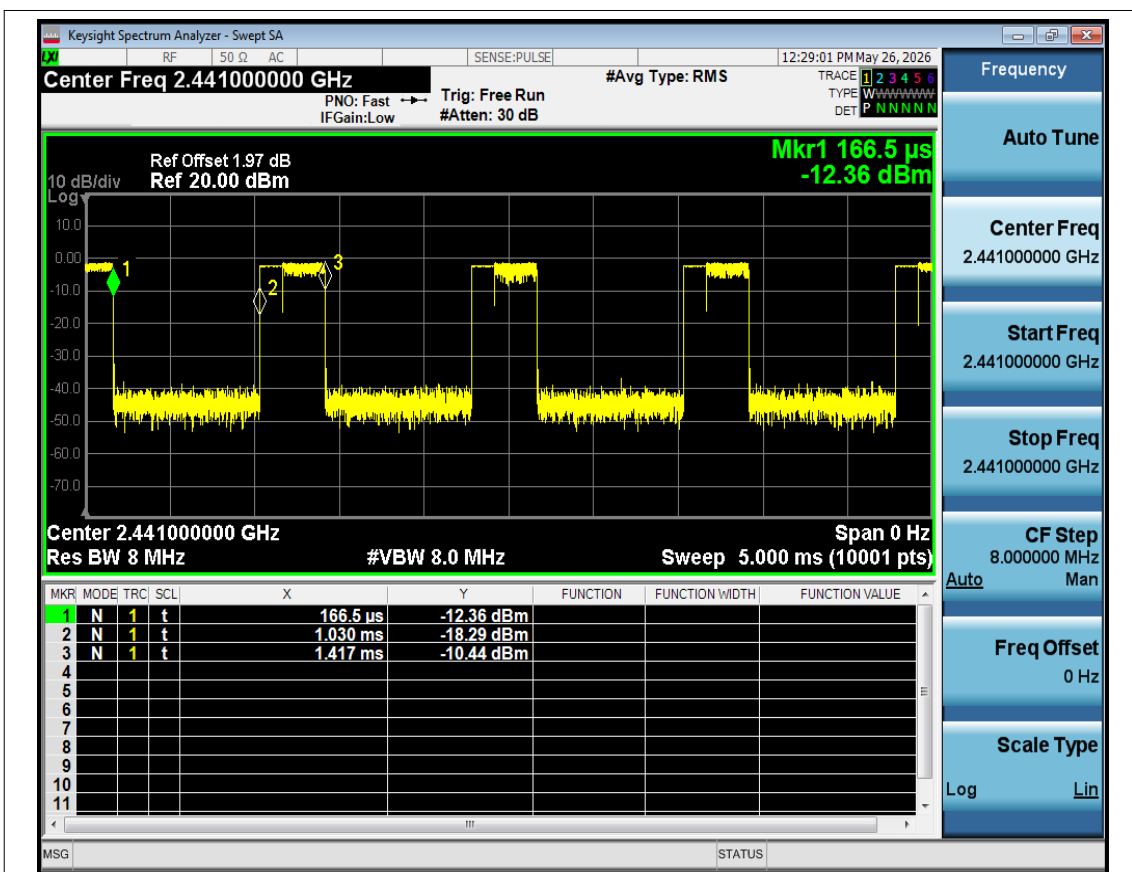
Duty Cycle NVNT 1-DH1 2441MHz Ant1



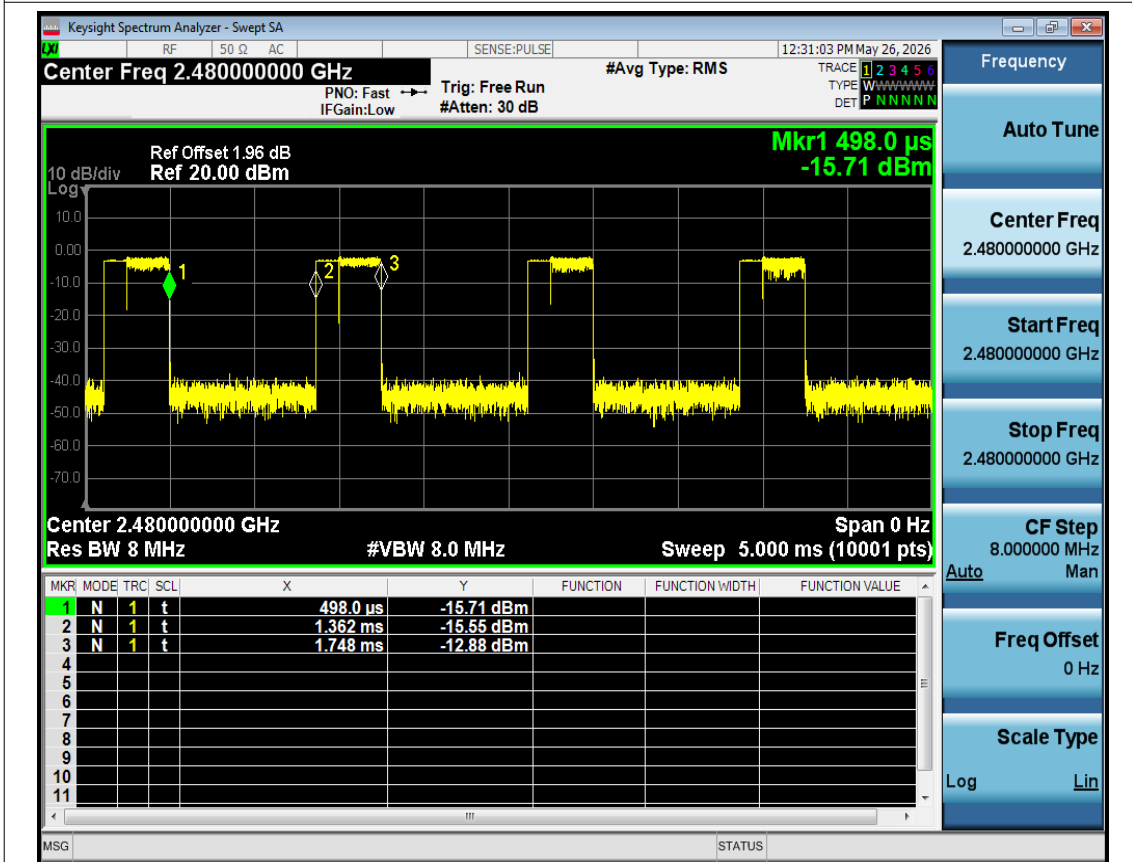
Duty Cycle NVNT 1-DH1 2480MHz Ant1



Duty Cycle NVNT 2-DH1 2402MHz Ant1



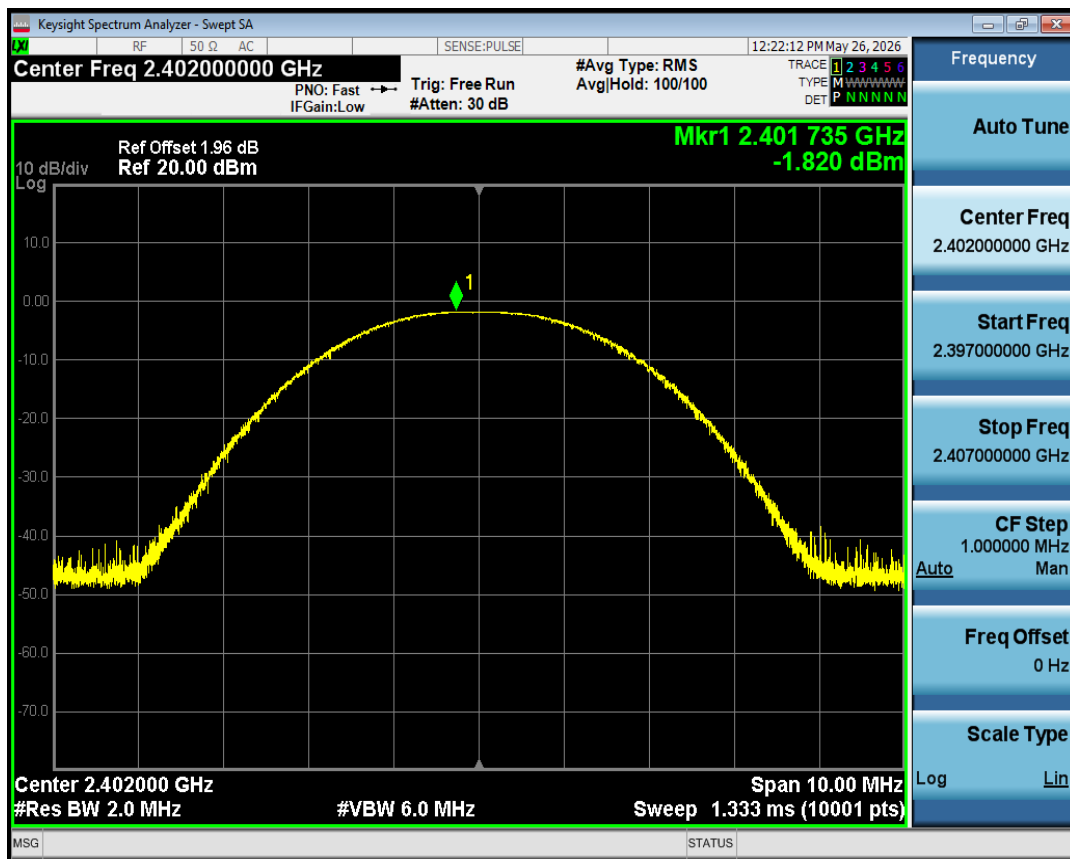
Duty Cycle NVNT 2-DH1 2441MHz Ant1



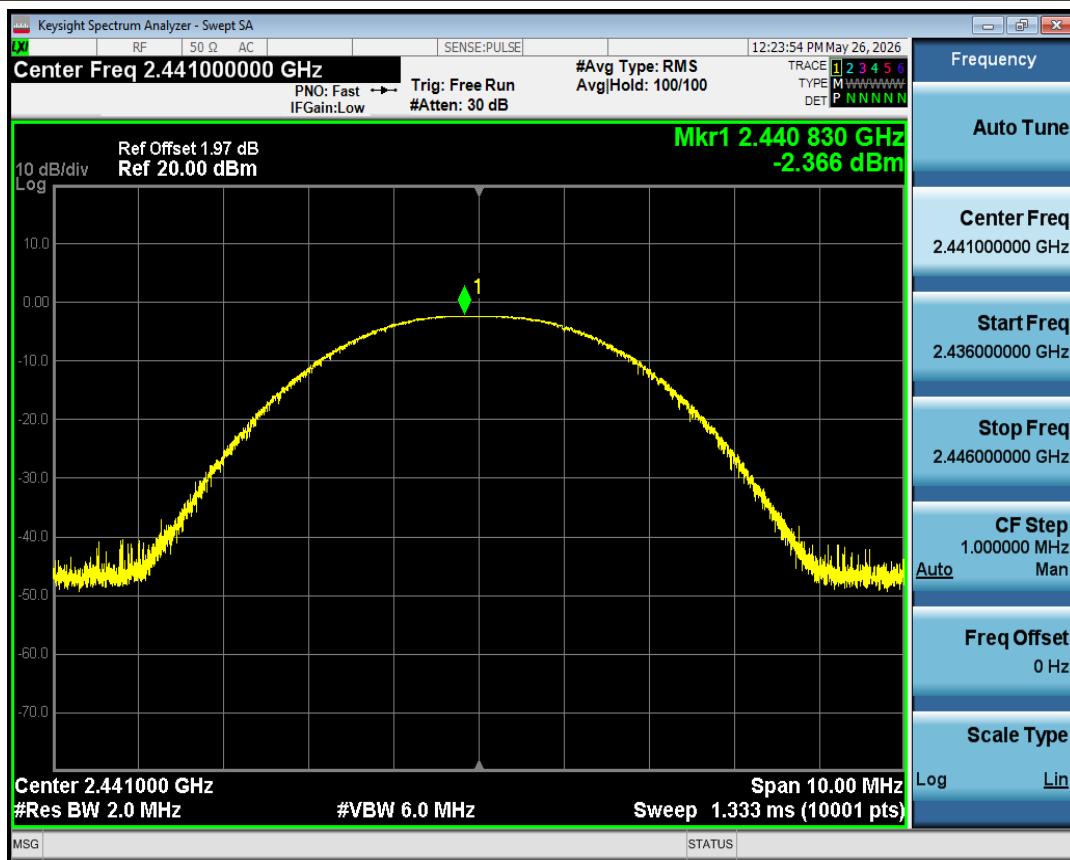
Duty Cycle NVNT 2-DH1 2480MHz Ant1

## Maximum Peak Conducted Output Power

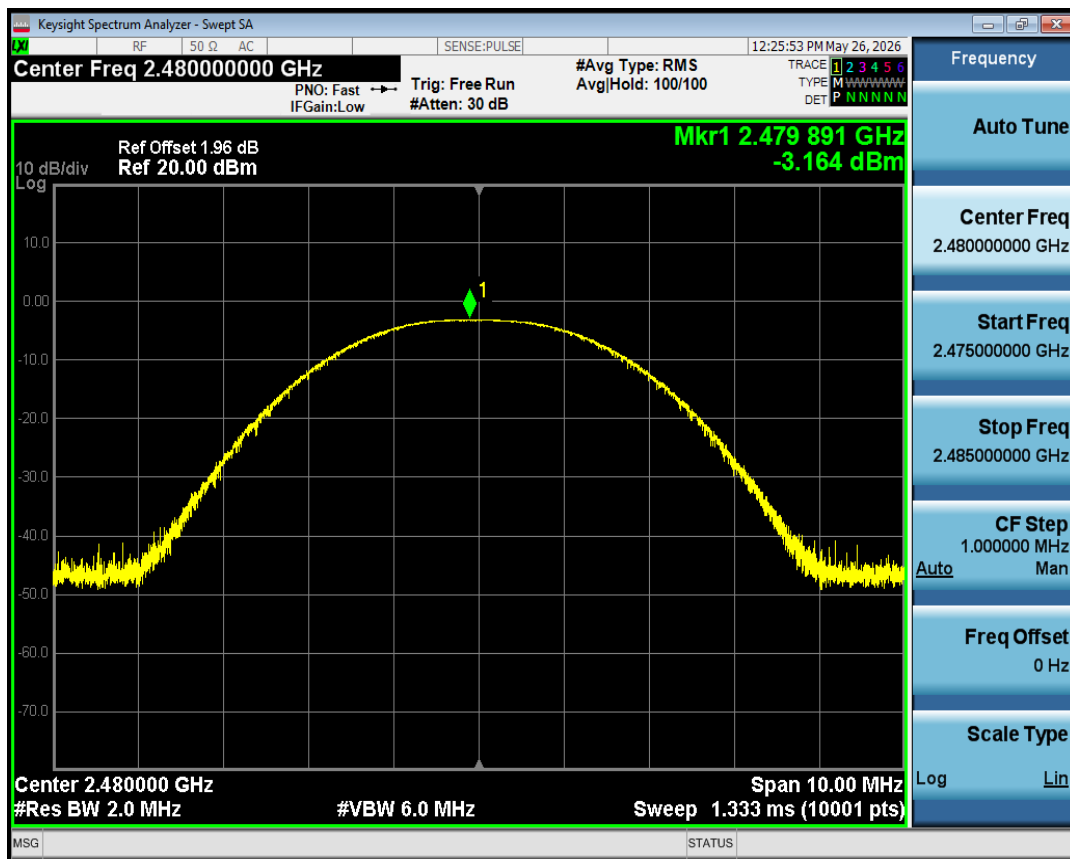
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted<br>Power (dBm) | Conducted<br>Power (W) | Limit<br>Conducted(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|------------------------|-------------------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | -1.82                    | 0.00066                | 21                      | Pass    |
| NVNT      | 1-DH1 | 2441               | Ant1    | -2.37                    | 0.00058                | 21                      | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | -3.16                    | 0.00048                | 21                      | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | -1.08                    | 0.00078                | 21                      | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | -1.57                    | 0.0007                 | 21                      | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | -2.37                    | 0.00058                | 21                      | Pass    |



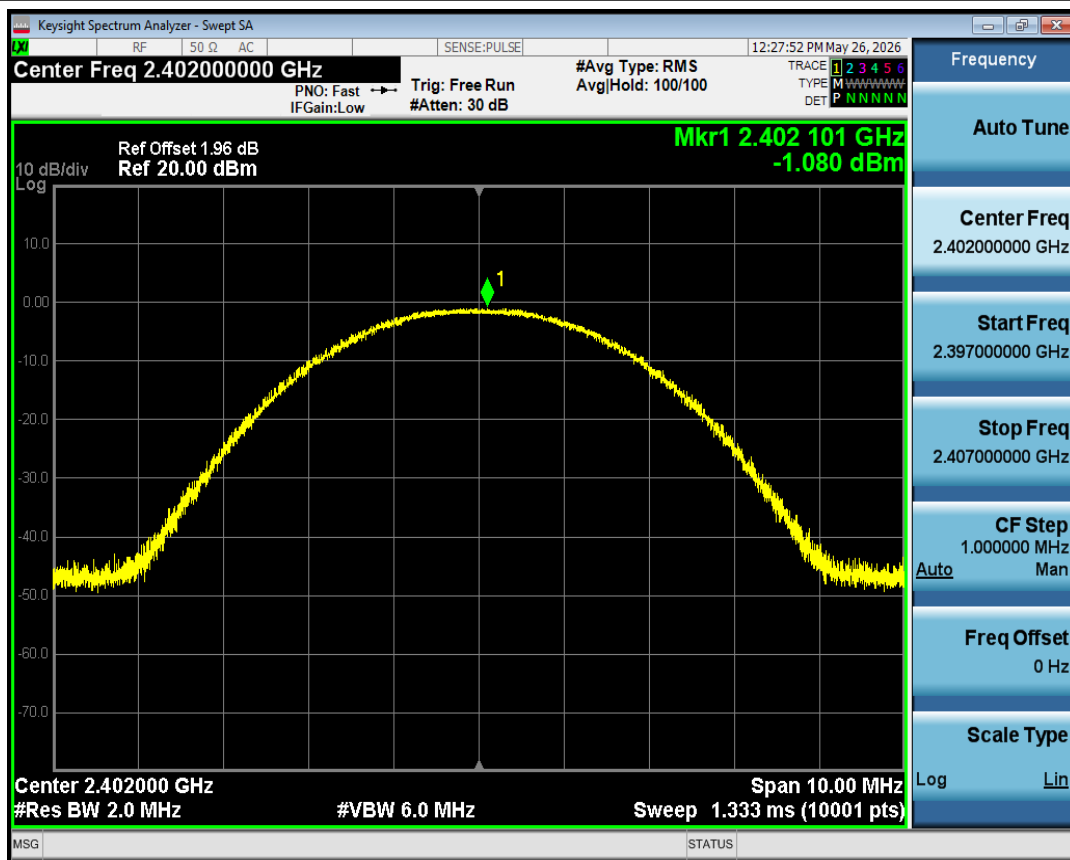
Peak Power NVNT 1-DH1 2402MHz Ant1



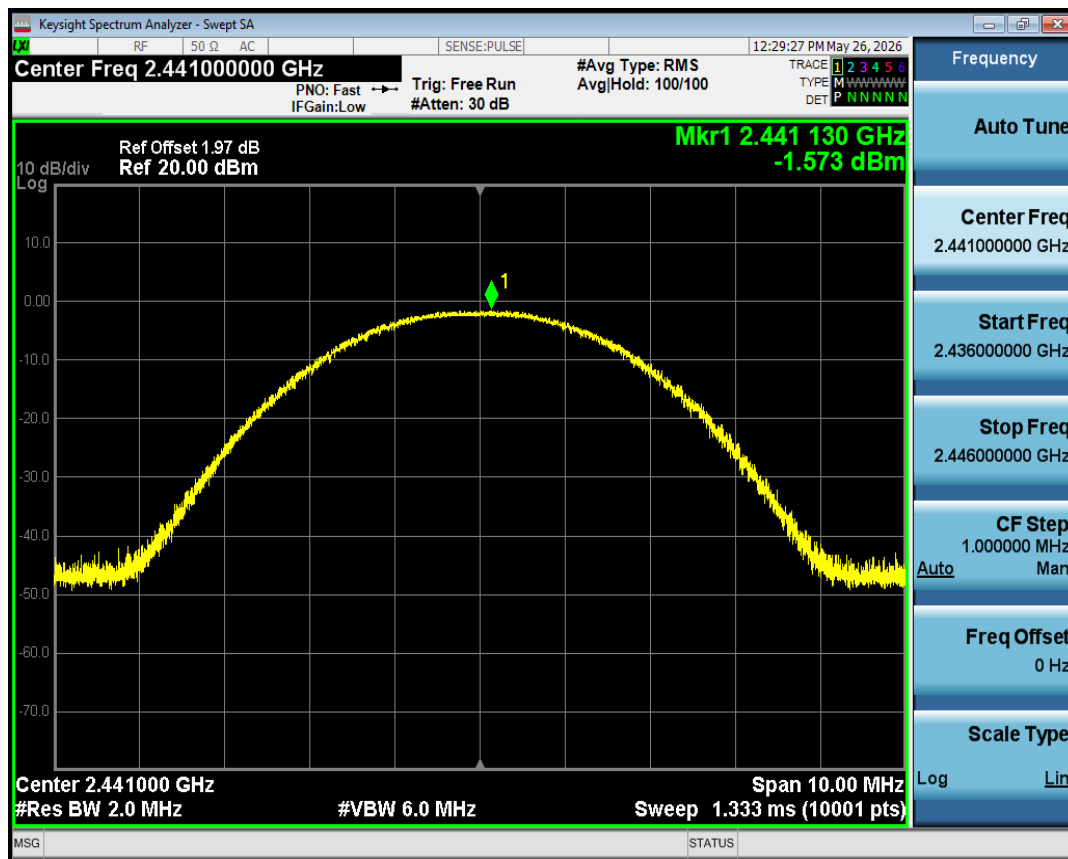
Peak Power NVNT 1-DH1 2441MHz Ant1



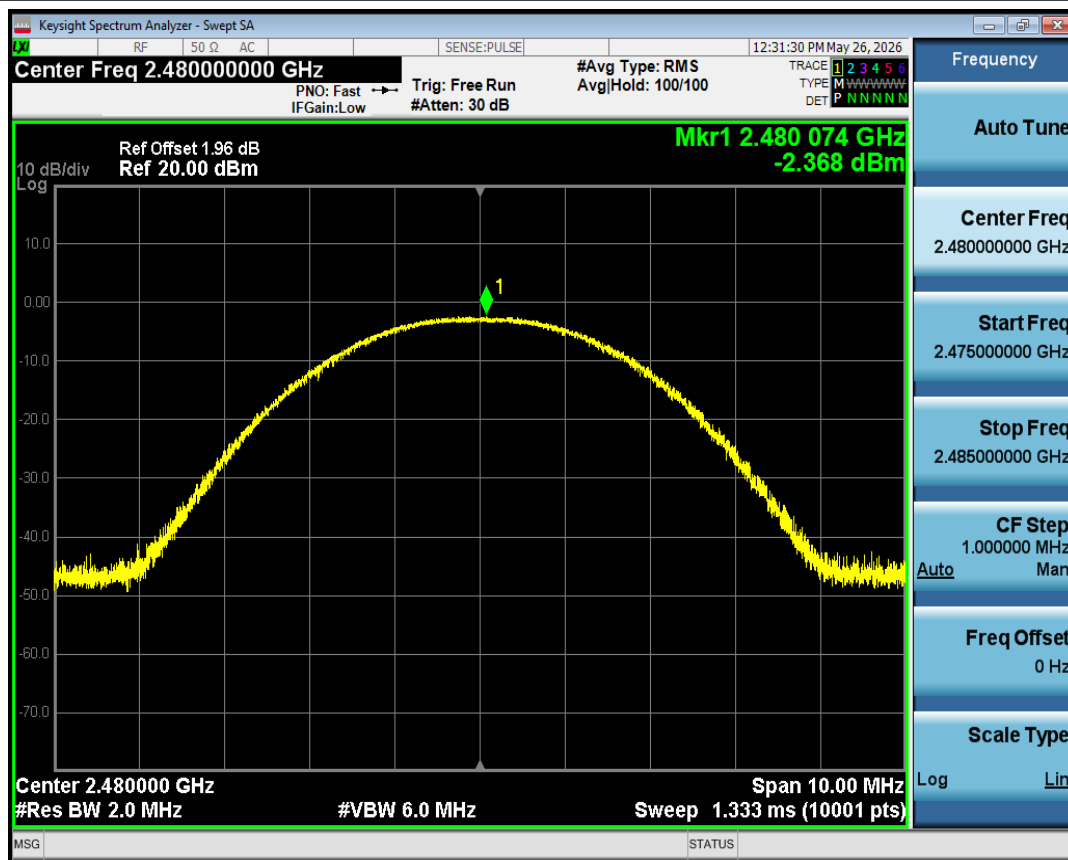
Peak Power NVNT 1-DH1 2480MHz Ant1



Peak Power NVNT 2-DH1 2402MHz Ant1



Peak Power NVNT 2-DH1 2441MHz Ant1



Peak Power NVNT 2-DH1 2480MHz Ant1

## -20dB Bandwidth

| Condition | Mode  | Frequency<br>(MHz) | Antenna | -20 dB Bandwidth<br>(MHz) | Limit -20 dB Bandwidth<br>(MHz) | Verdict |
|-----------|-------|--------------------|---------|---------------------------|---------------------------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | 1.024                     | N/A                             | Pass    |
| NVNT      | 1-DH1 | 2441               | Ant1    | 1.031                     | N/A                             | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | 1.03                      | N/A                             | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | 1.288                     | N/A                             | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 1.26                      | N/A                             | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | 1.279                     | N/A                             | Pass    |



-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

## Occupied Channel Bandwidth

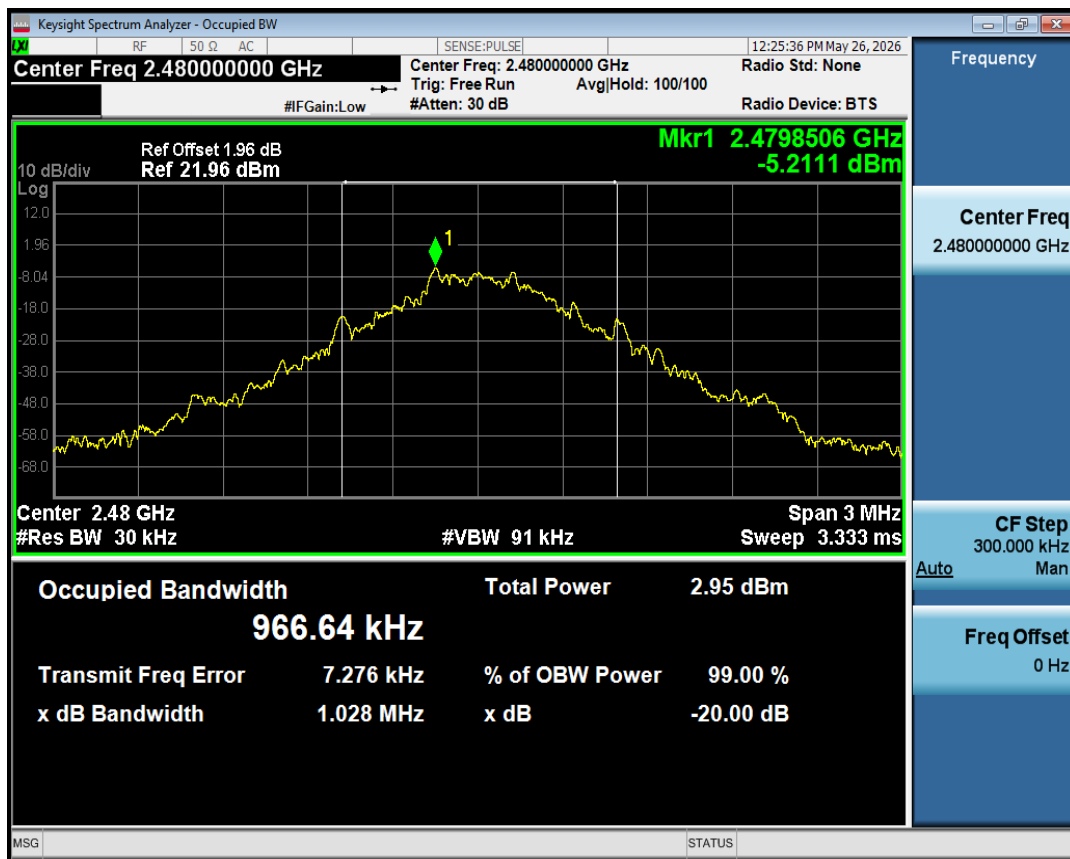
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.93096       |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.95967       |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.96664       |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.2114        |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.2193        |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.2086        |



OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1



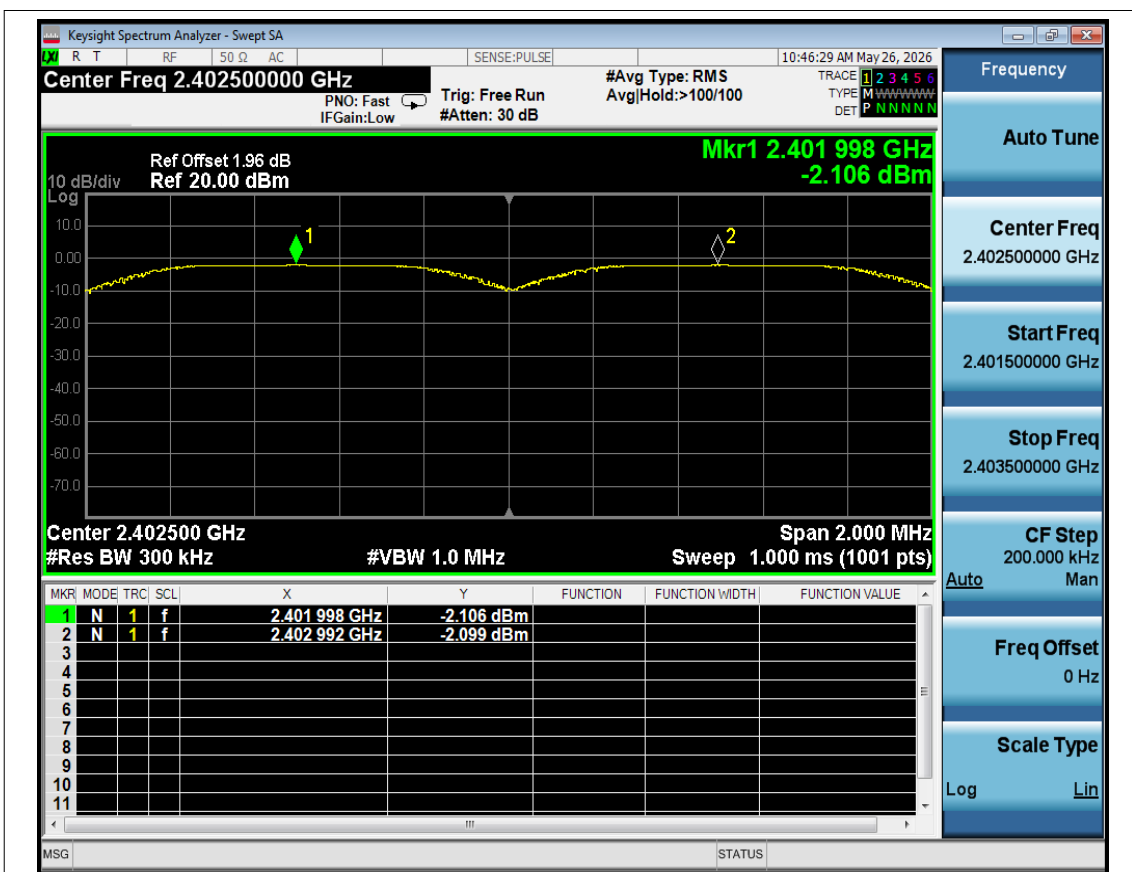
OBW NVNT 2-DH1 2441MHz Ant1



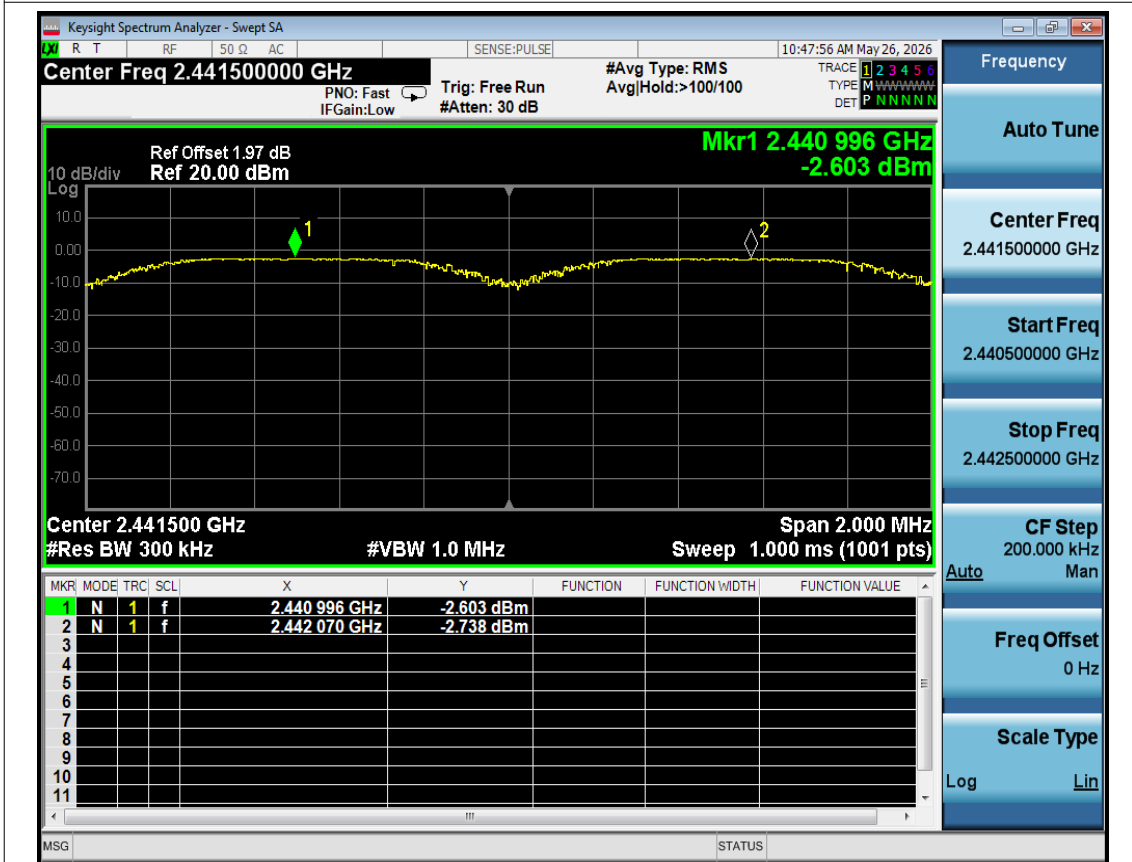
OBW NVNT 2-DH1 2480MHz Ant1

## Carrier Frequencies Separation

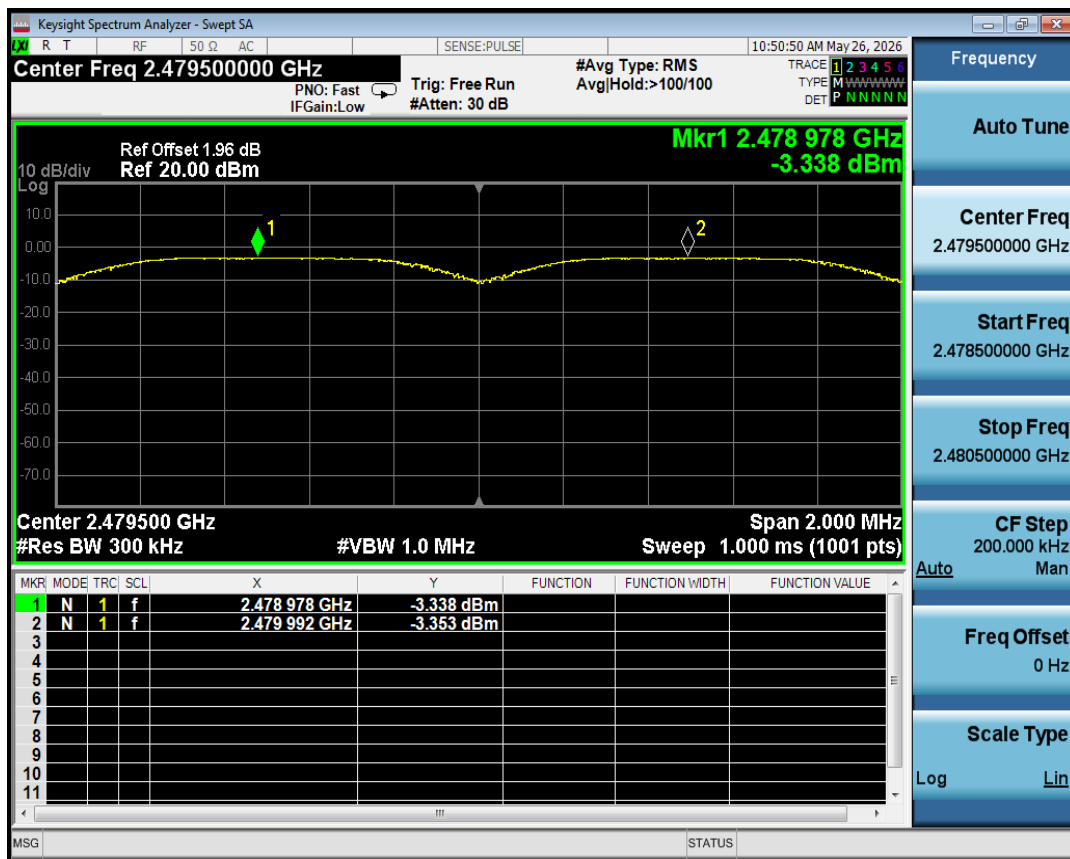
| Condition | Mode  | Antenna | Hopping Freq1<br>(MHz) | Hopping Freq2<br>(MHz) | HFS<br>(MHz) | Limit<br>(MHz) | Verdict |
|-----------|-------|---------|------------------------|------------------------|--------------|----------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2401.998               | 2402.992               | 0.994        | 0.683          | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2440.996               | 2442.07                | 1.074        | 0.687          | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2478.978               | 2479.992               | 1.014        | 0.687          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2401.988               | 2402.994               | 1.006        | 0.859          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.994               | 2442.004               | 1.01         | 0.840          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2478.968               | 2479.986               | 1.018        | 0.853          | Pass    |



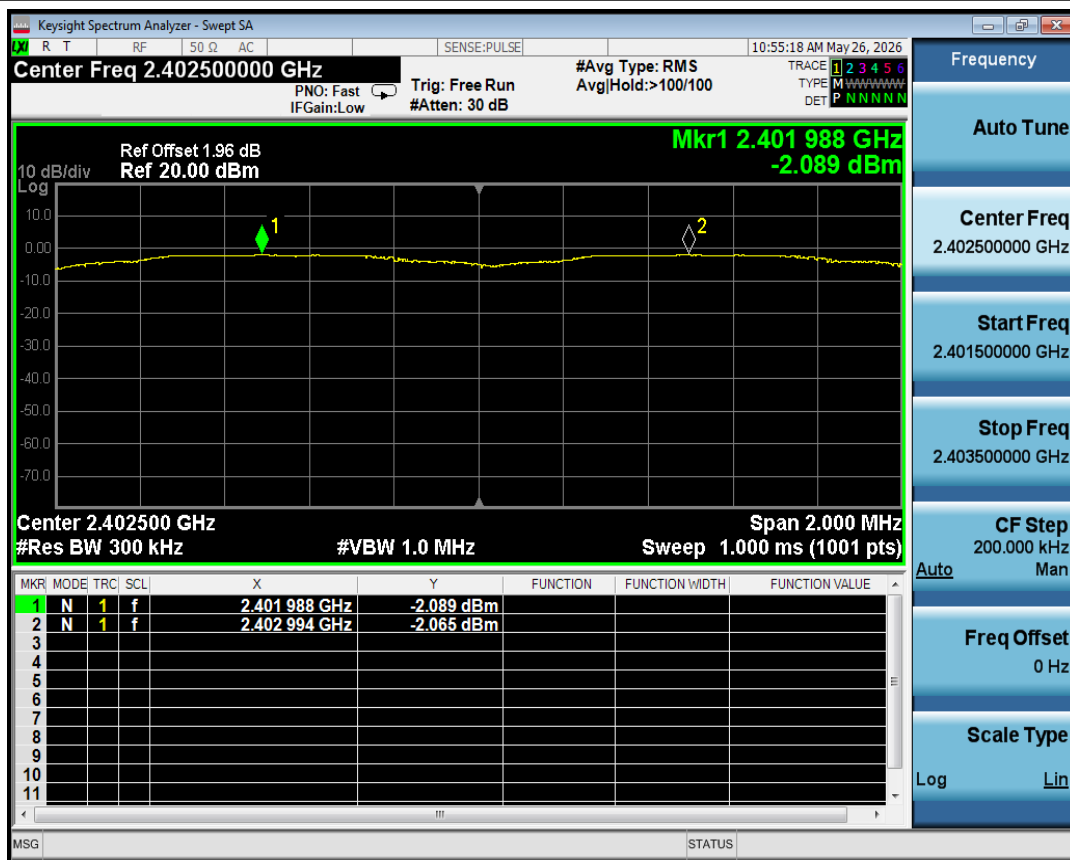
CFS NVNT 1-DH1 2402MHz Ant1



CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 1-DH1 2480MHz Ant1



CFS NVNT 2-DH1 2402MHz Ant1



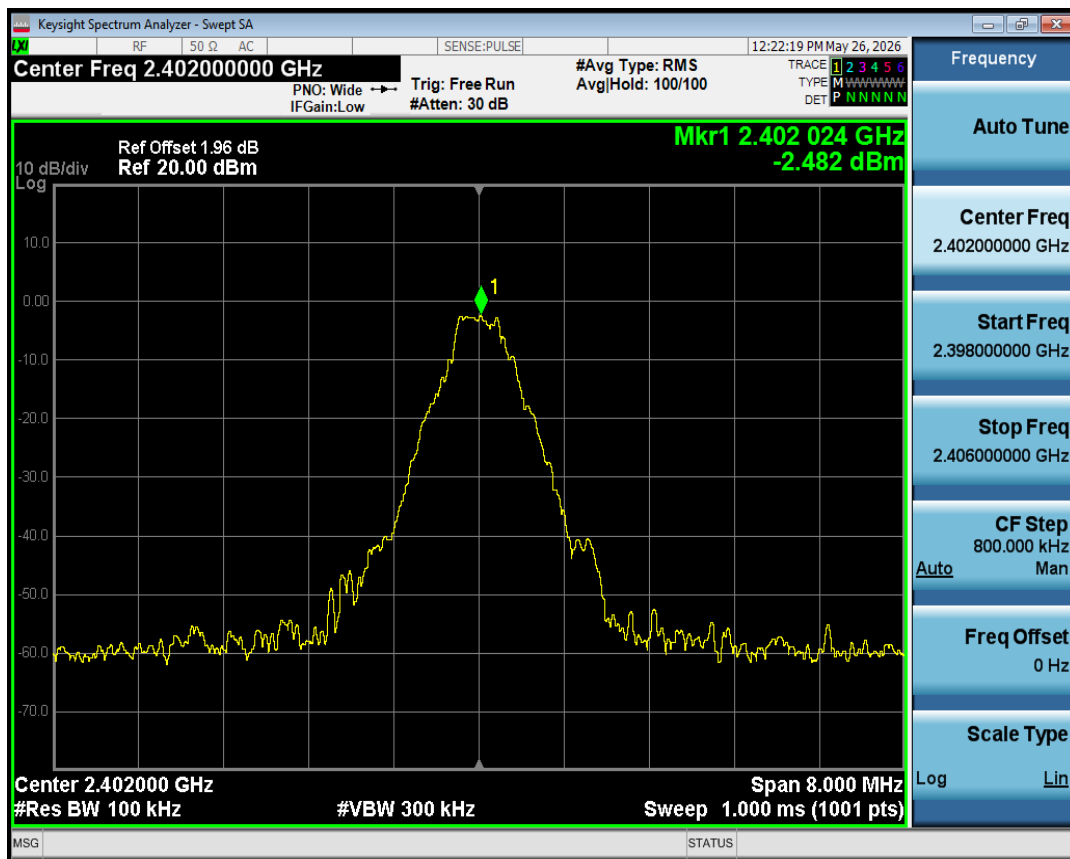
CFS NVNT 2-DH1 2441MHz Ant1



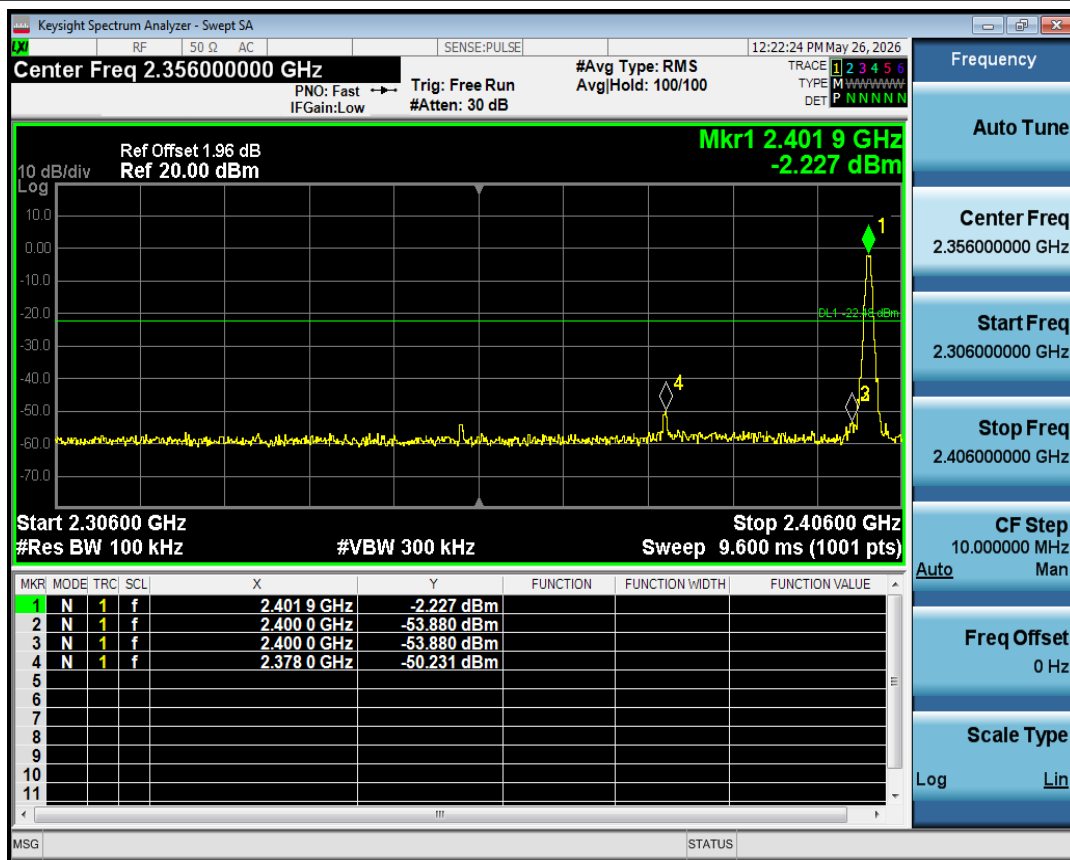
CFS NVNT 2-DH1 2480MHz Ant1

## Band Edge

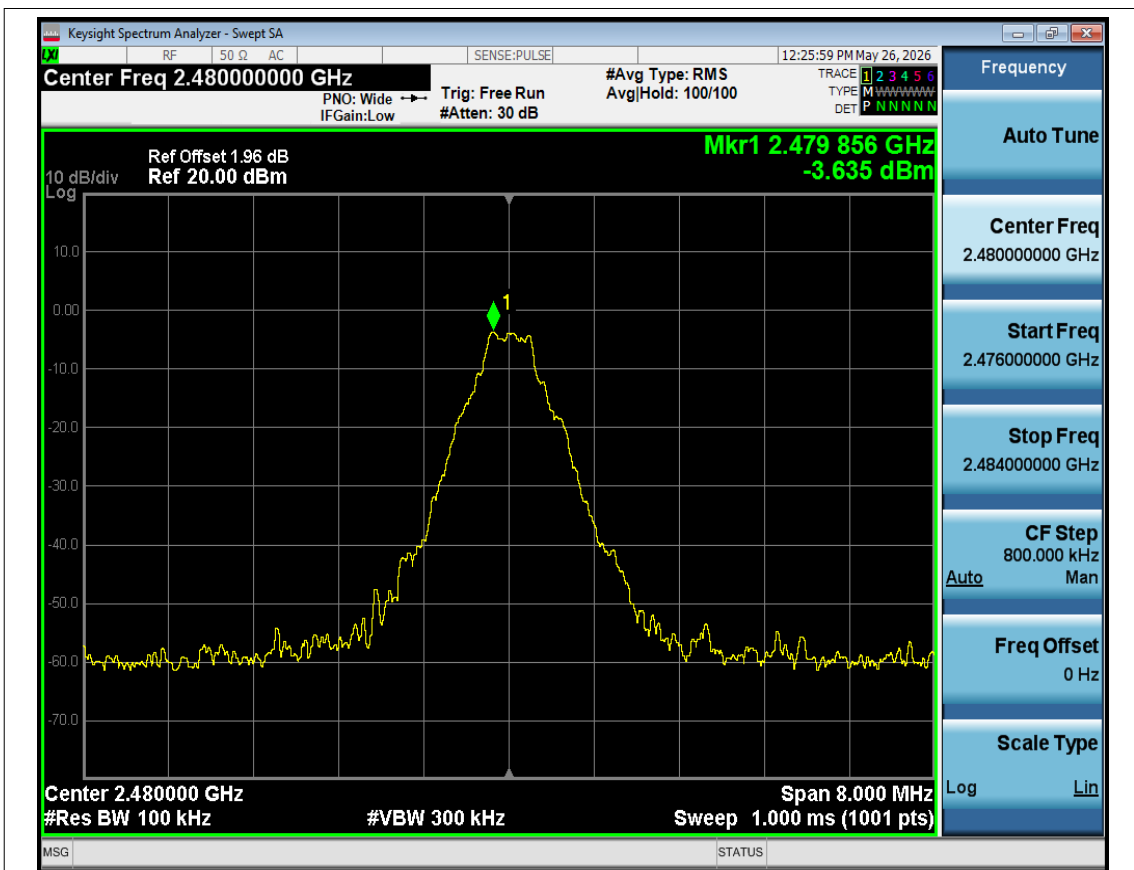
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Hopping<br>Mode | Max Value<br>(dBc) | Limit<br>(dBc) | Verdict |
|-----------|-------|--------------------|---------|-----------------|--------------------|----------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | No-Hopping      | -47.75             | -20            | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | No-Hopping      | -52.27             | -20            | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | No-Hopping      | -49.78             | -20            | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | No-Hopping      | -51.9              | -20            | Pass    |



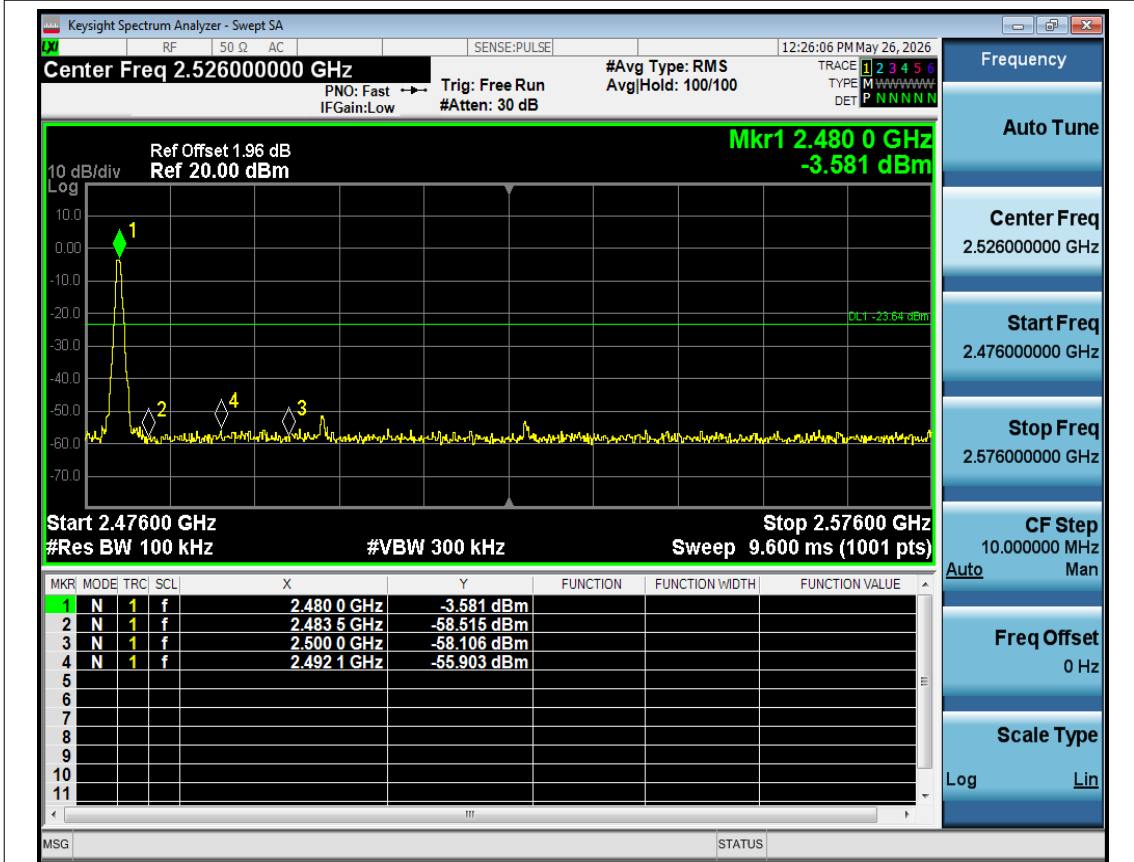
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



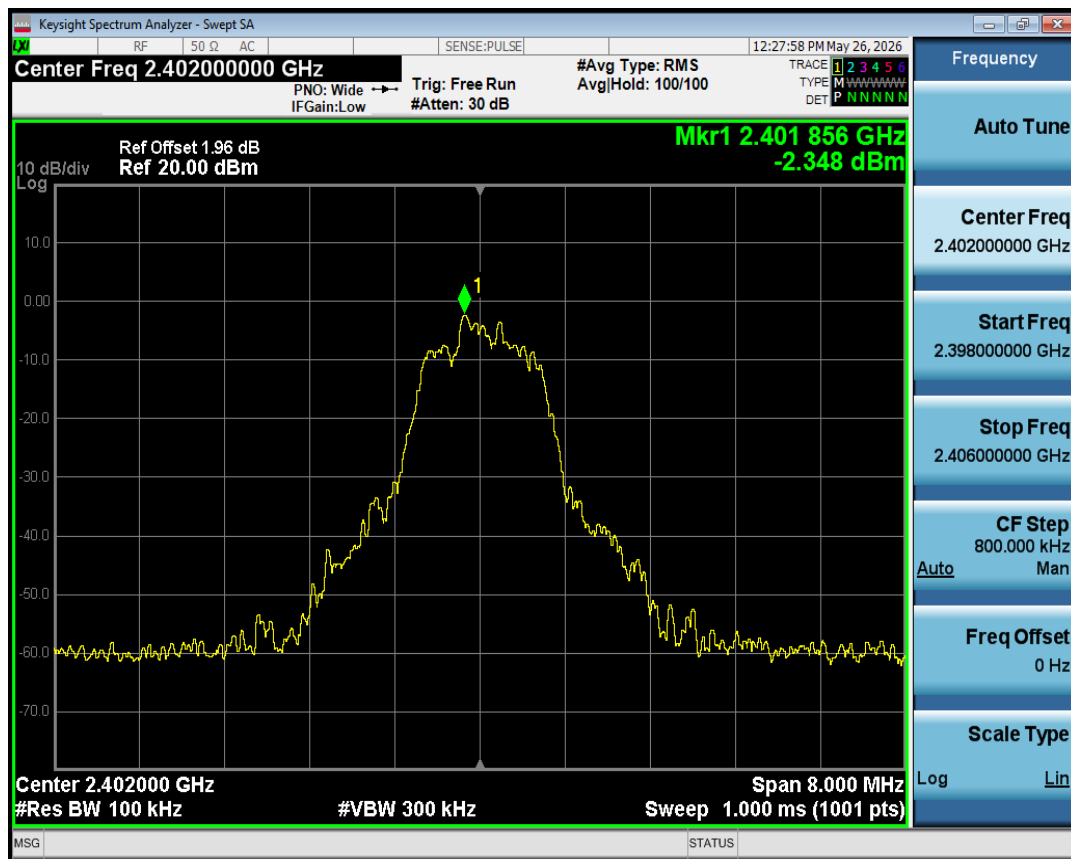
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



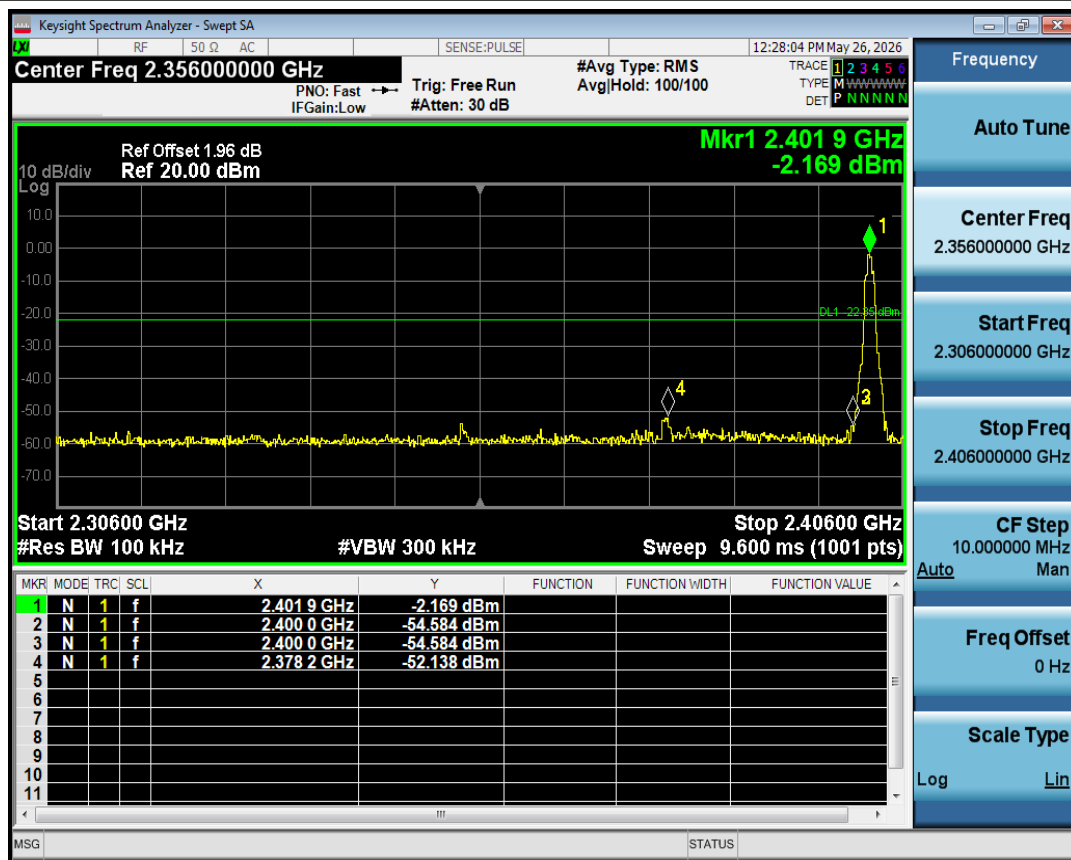
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



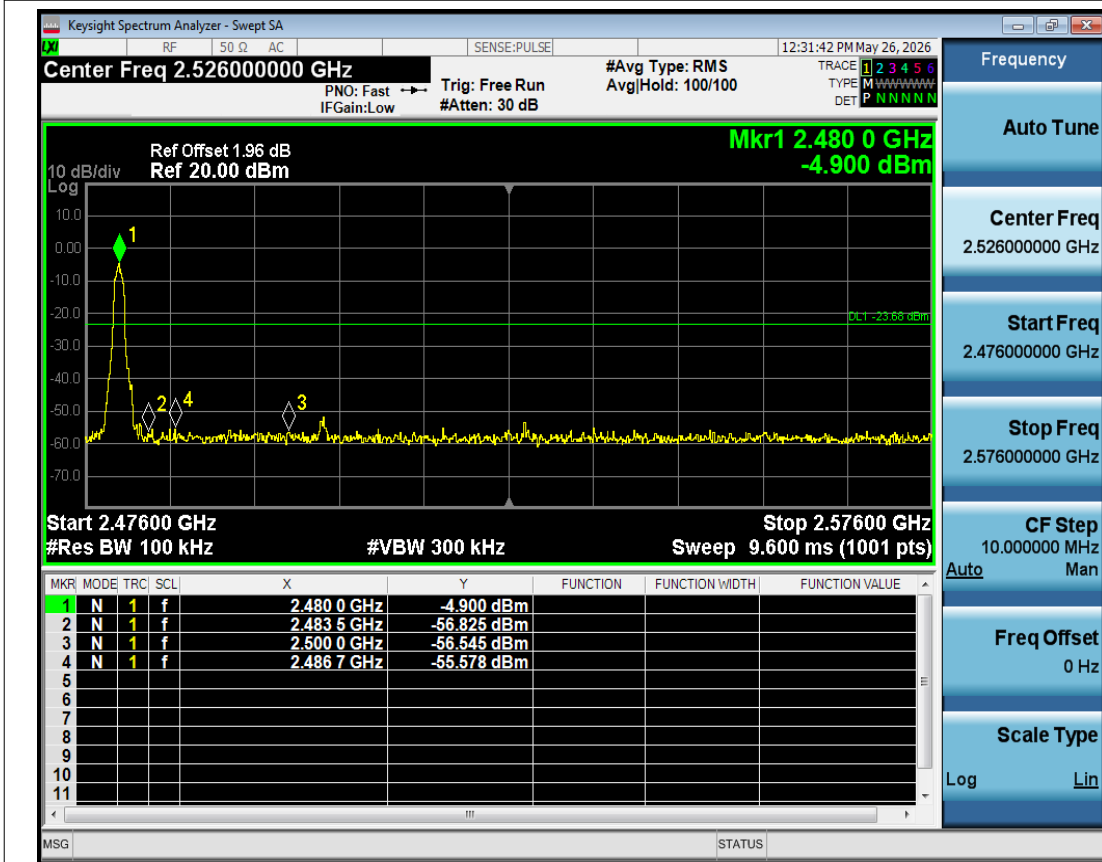
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



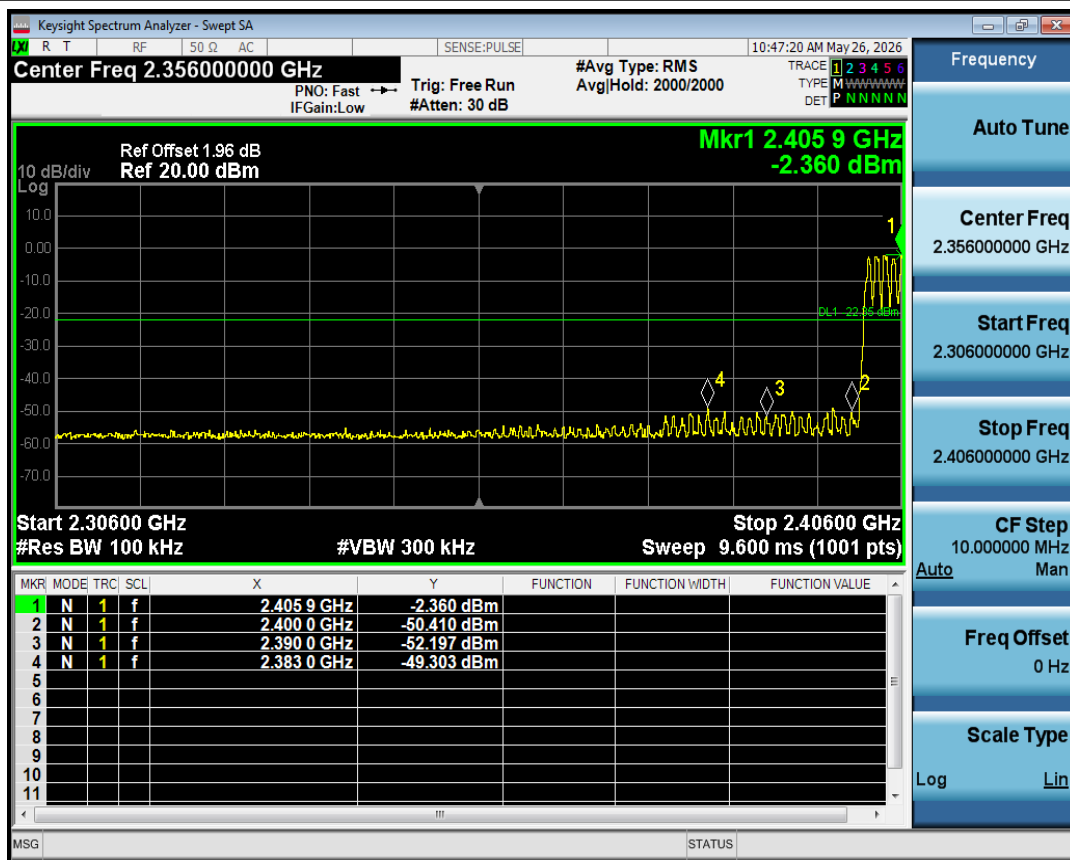
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission

## Band Edge(Hopping)

| Condition | Mode  | Frequency<br>(MHz) | Antenna | Hopping<br>Mode | Max Value<br>(dBc) | Limit<br>(dBc) | Verdict |
|-----------|-------|--------------------|---------|-----------------|--------------------|----------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | Hopping         | -46.95             | -20            | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | Hopping         | -47.67             | -20            | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | Hopping         | -48.45             | -20            | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | Hopping         | -47.84             | -20            | Pass    |



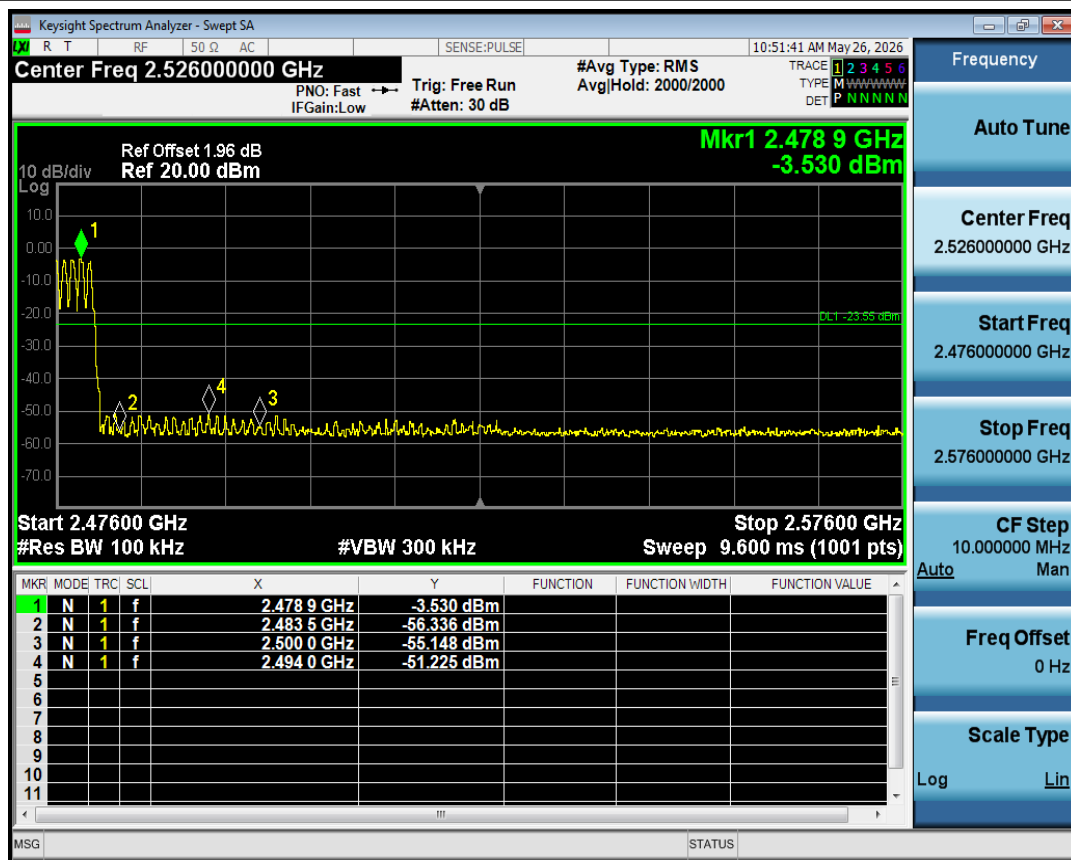
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



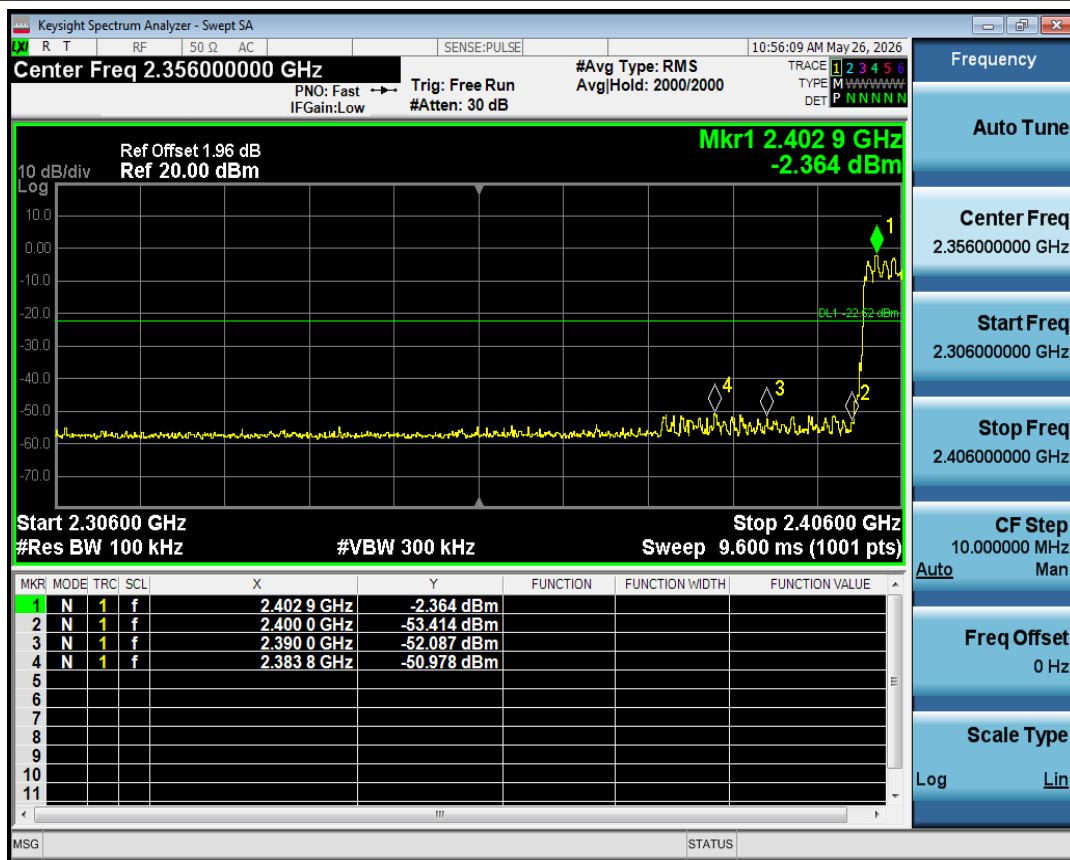
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



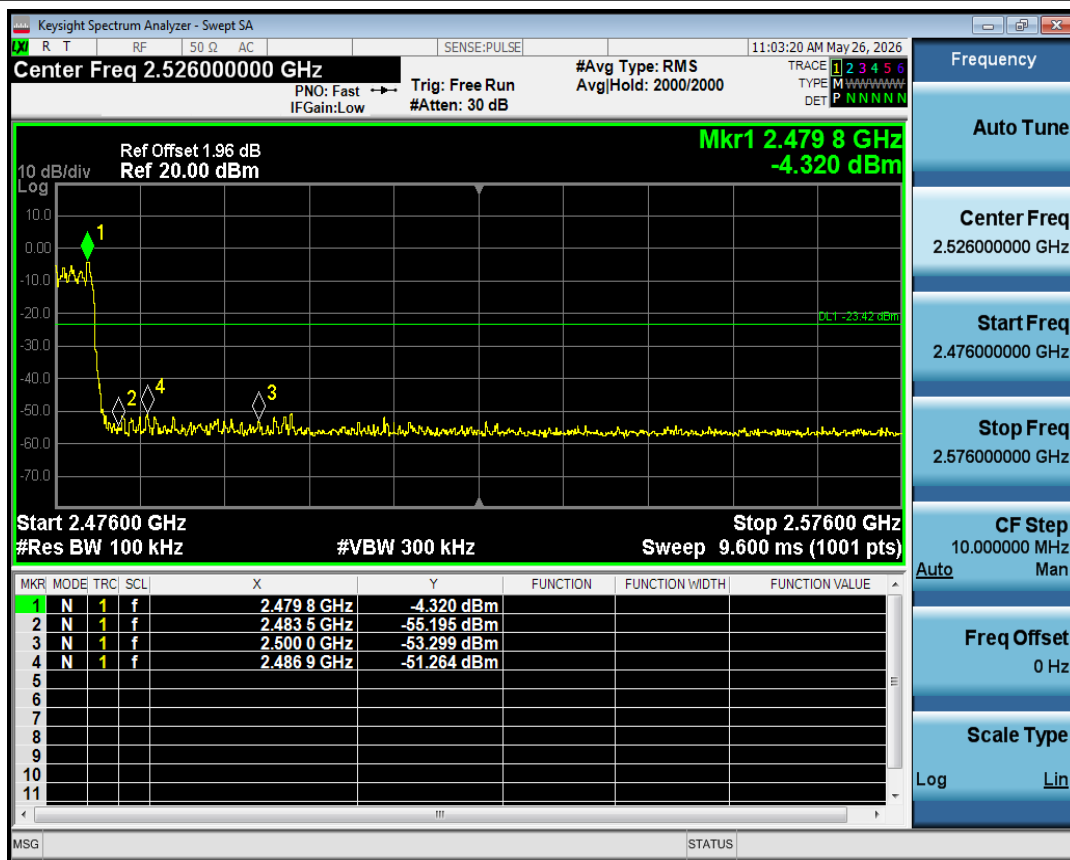
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



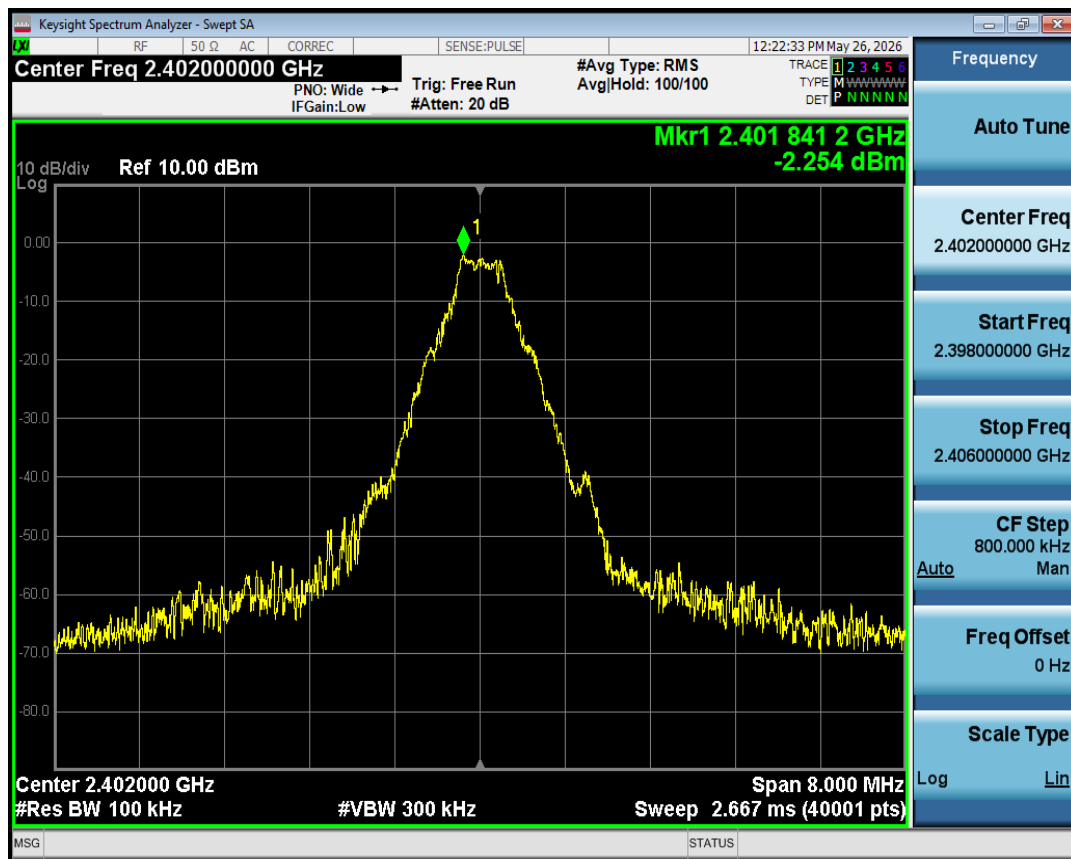
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



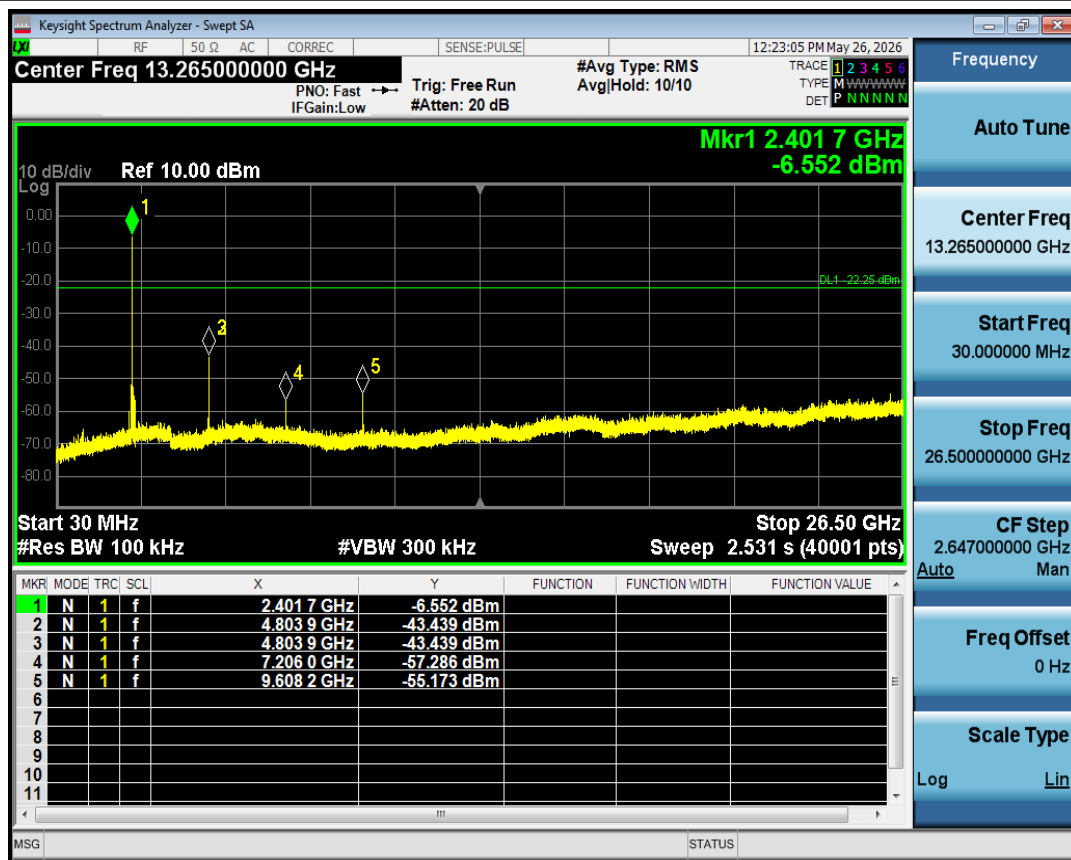
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission

## Conducted RF Spurious Emission

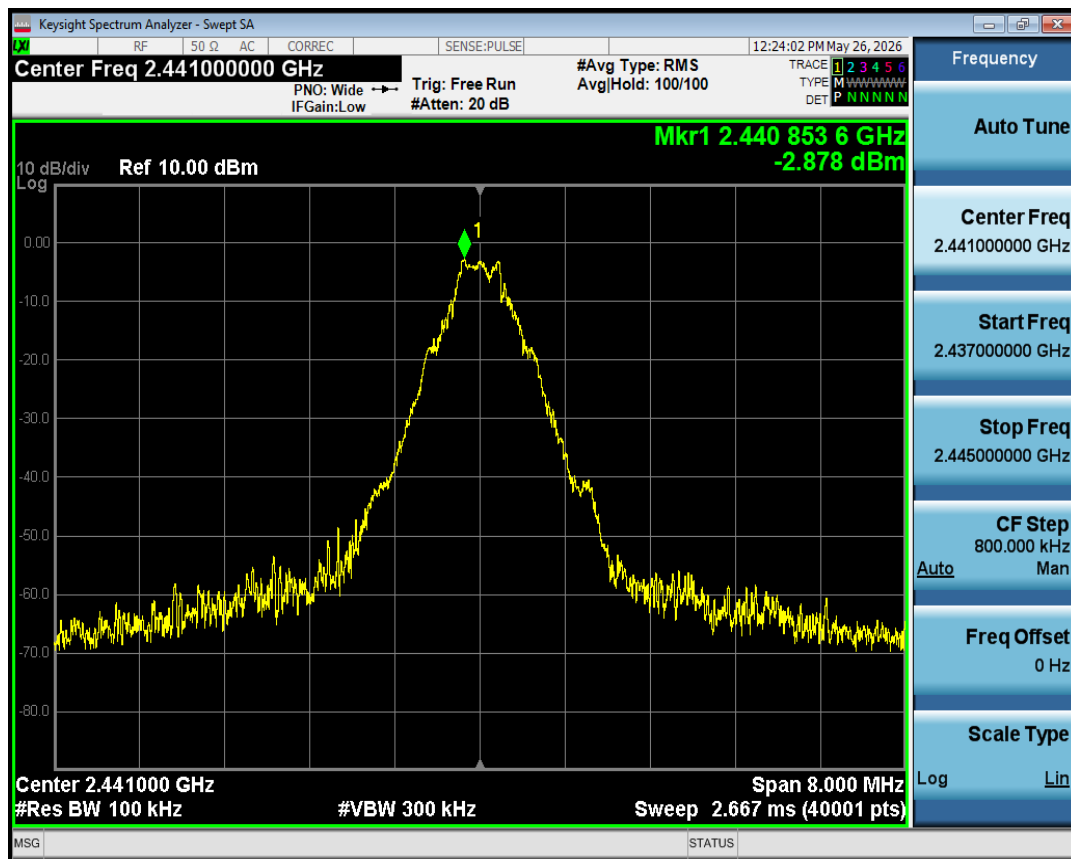
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -41.18          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -37.37          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -40.52          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -39.05          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -40.72          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -40.34          | -20         | Pass    |



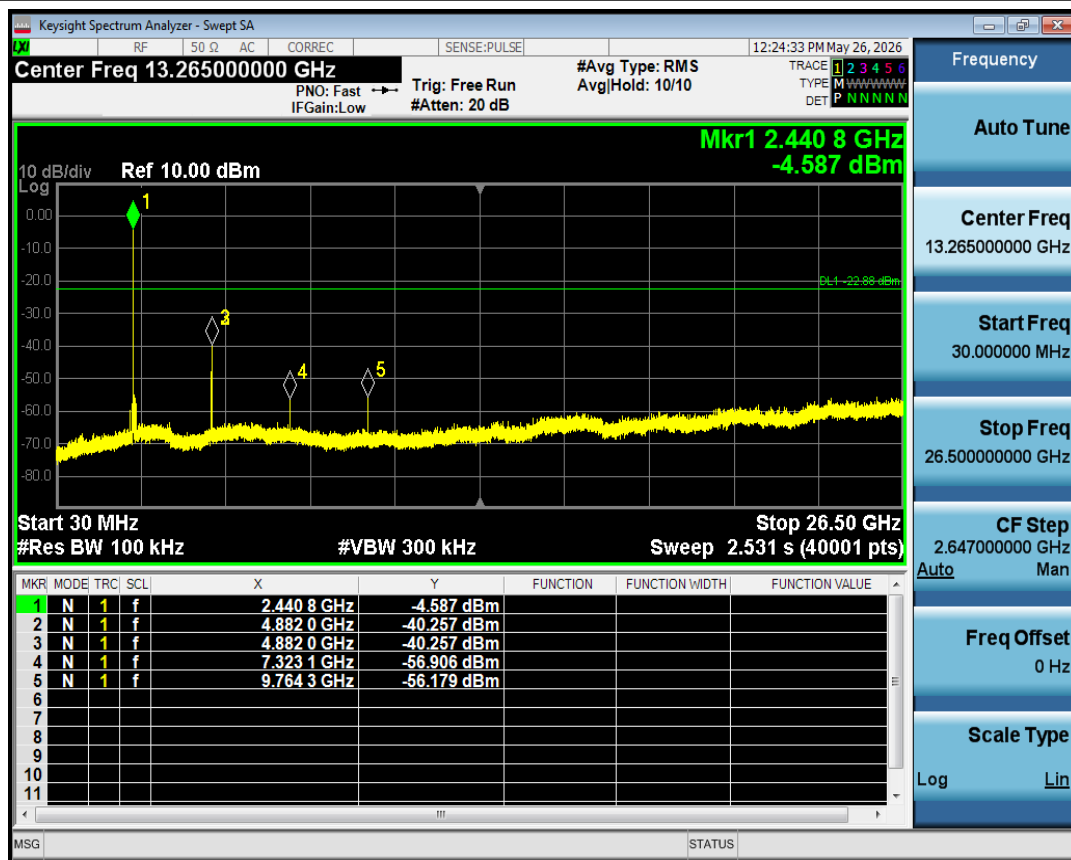
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



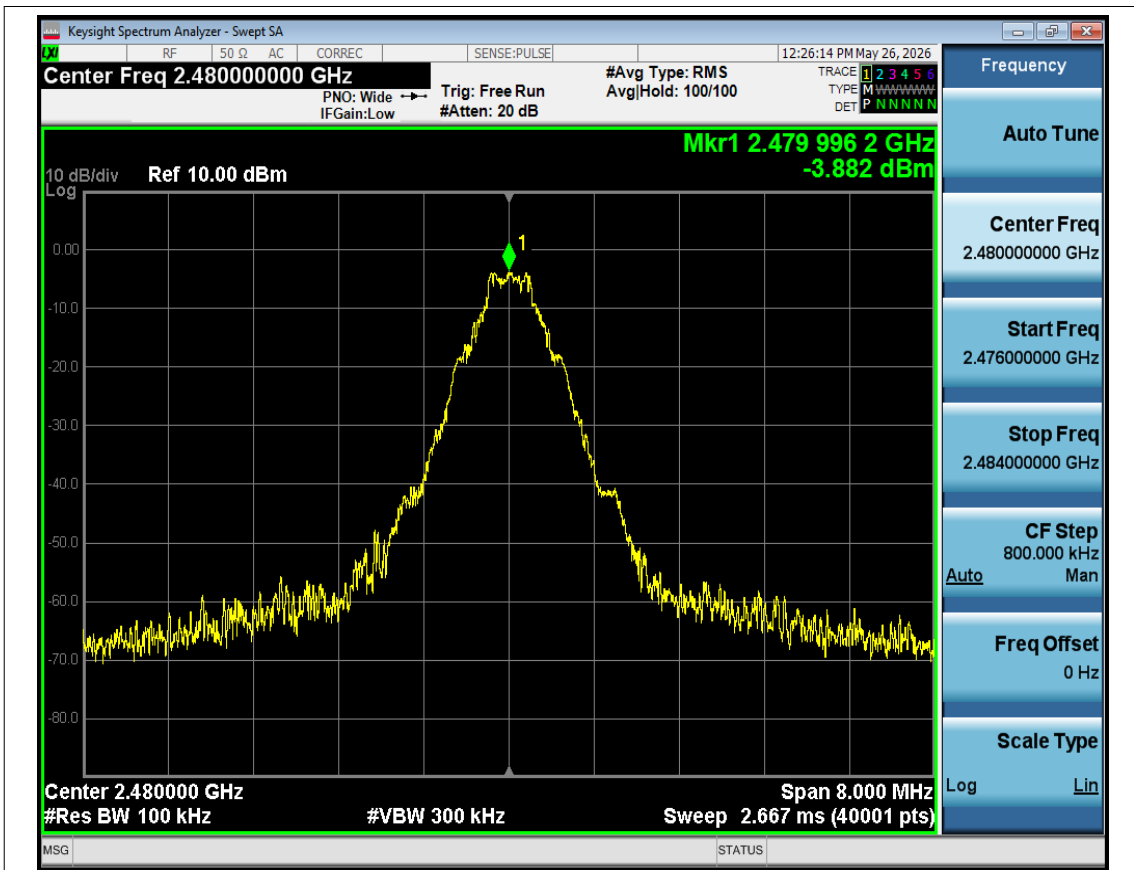
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



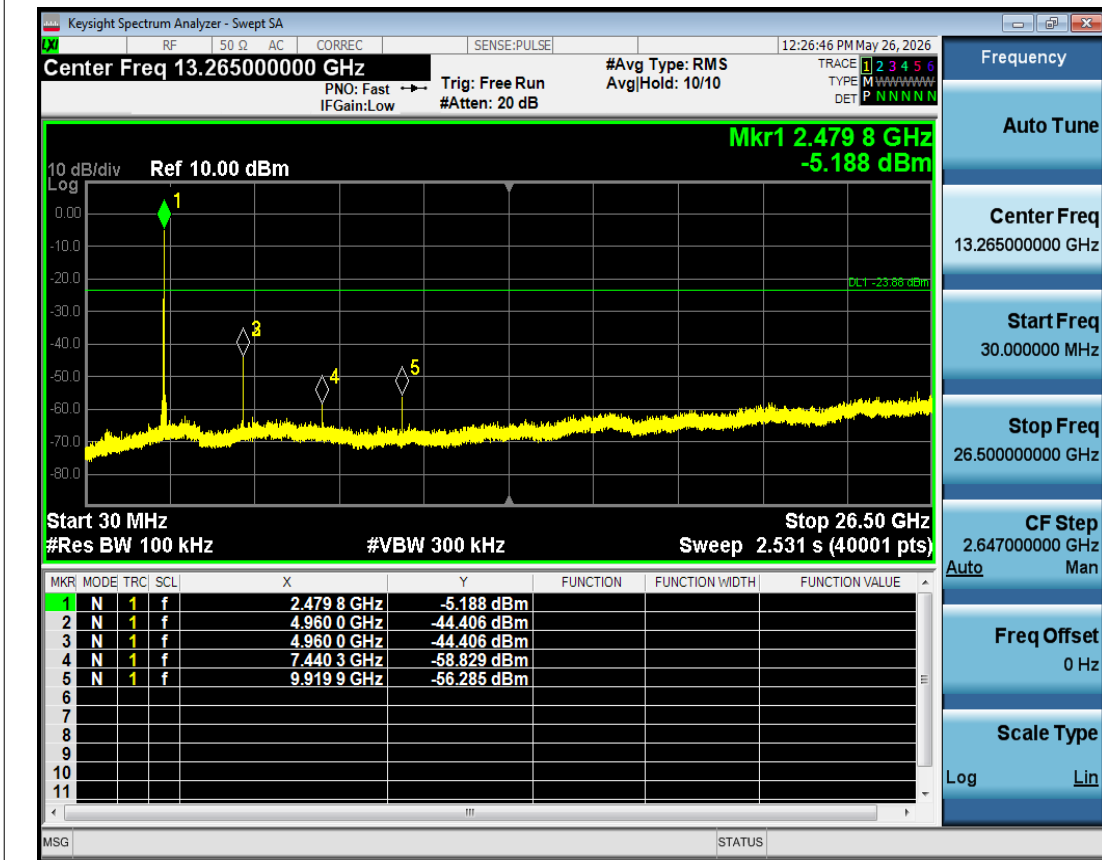
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



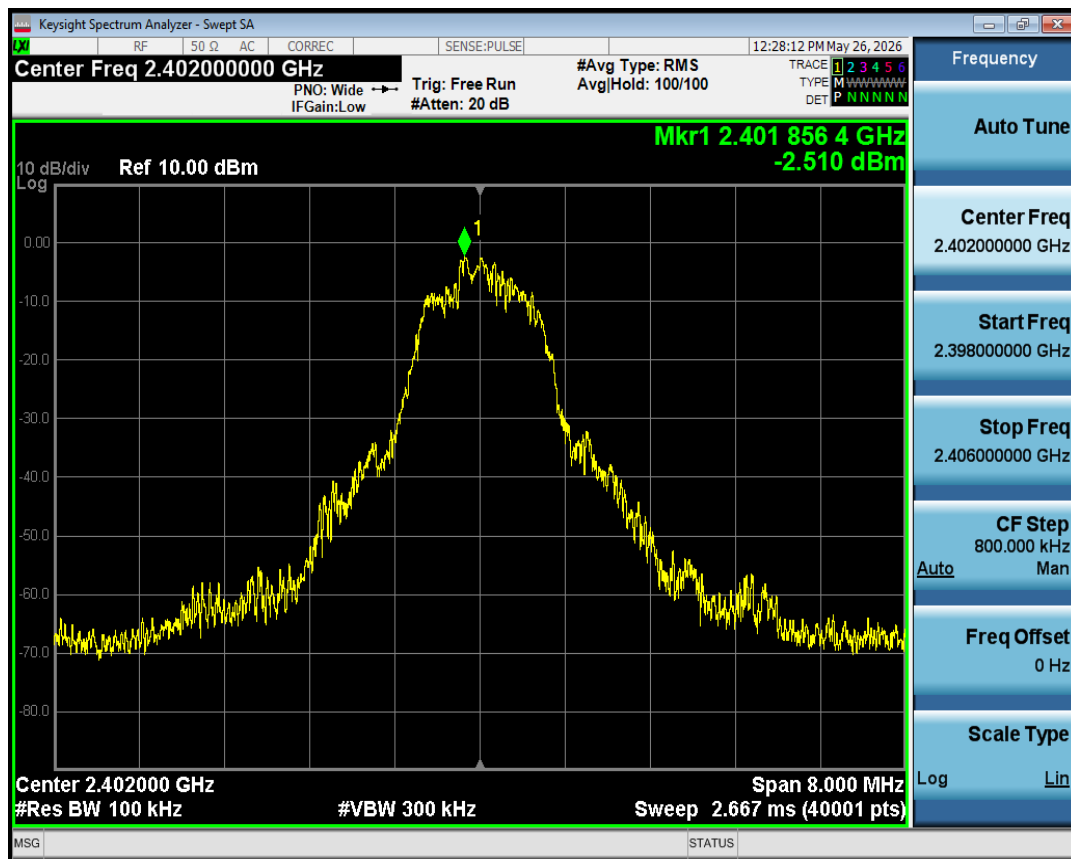
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



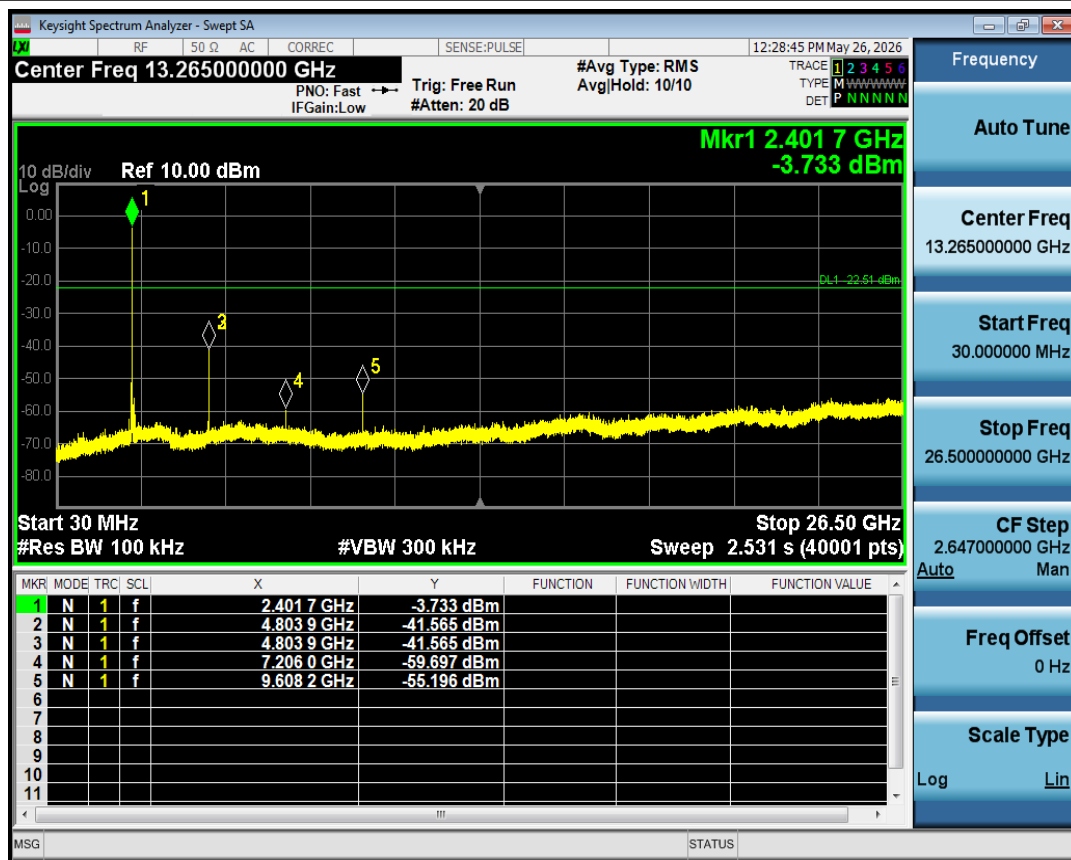
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



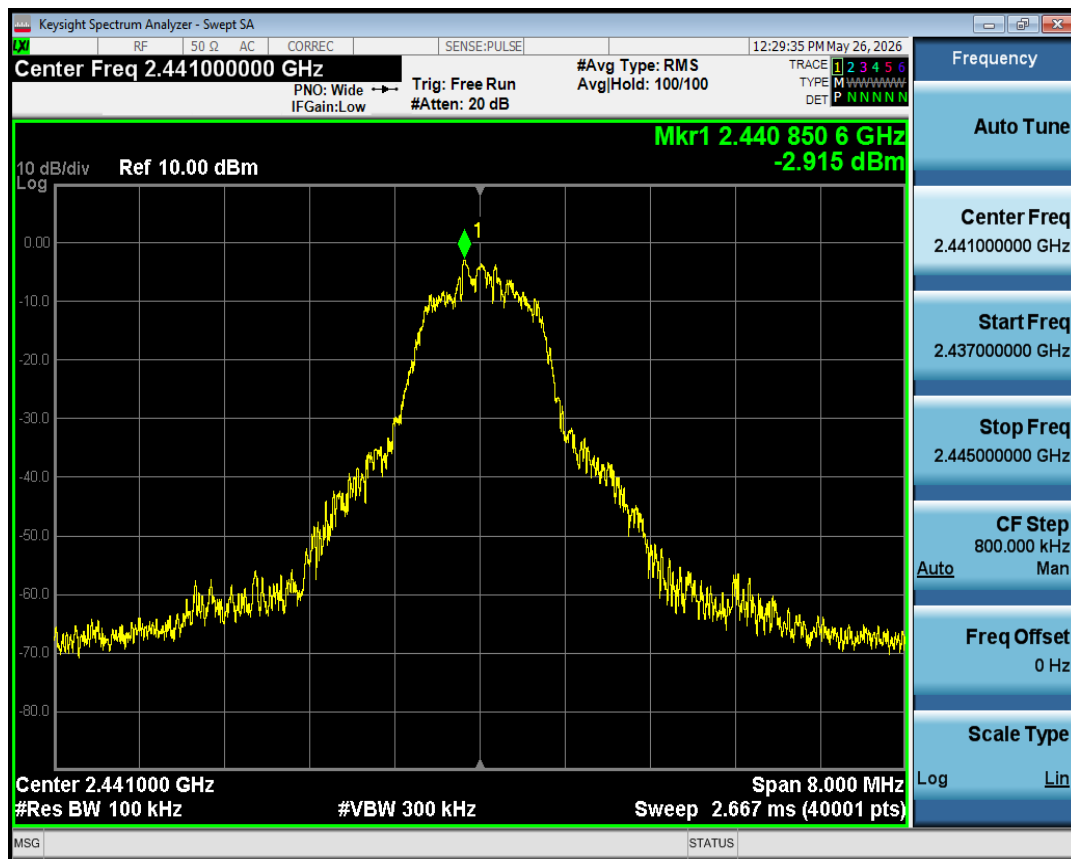
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



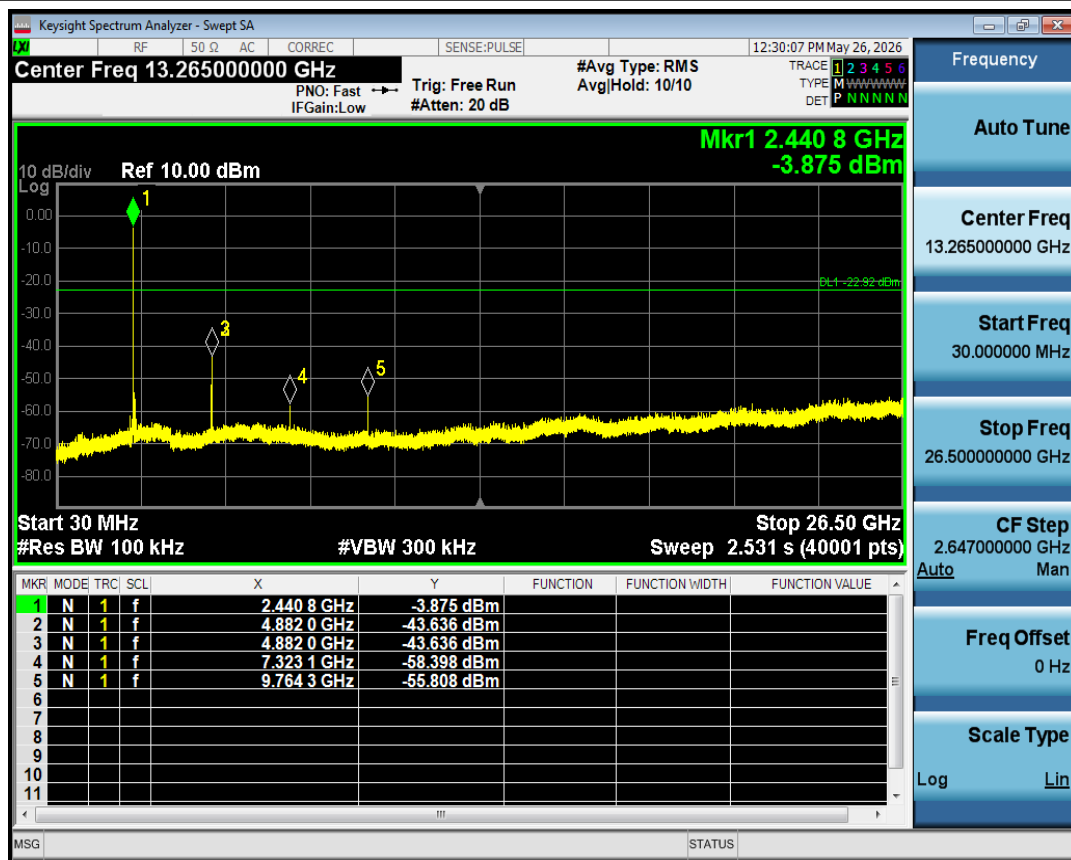
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



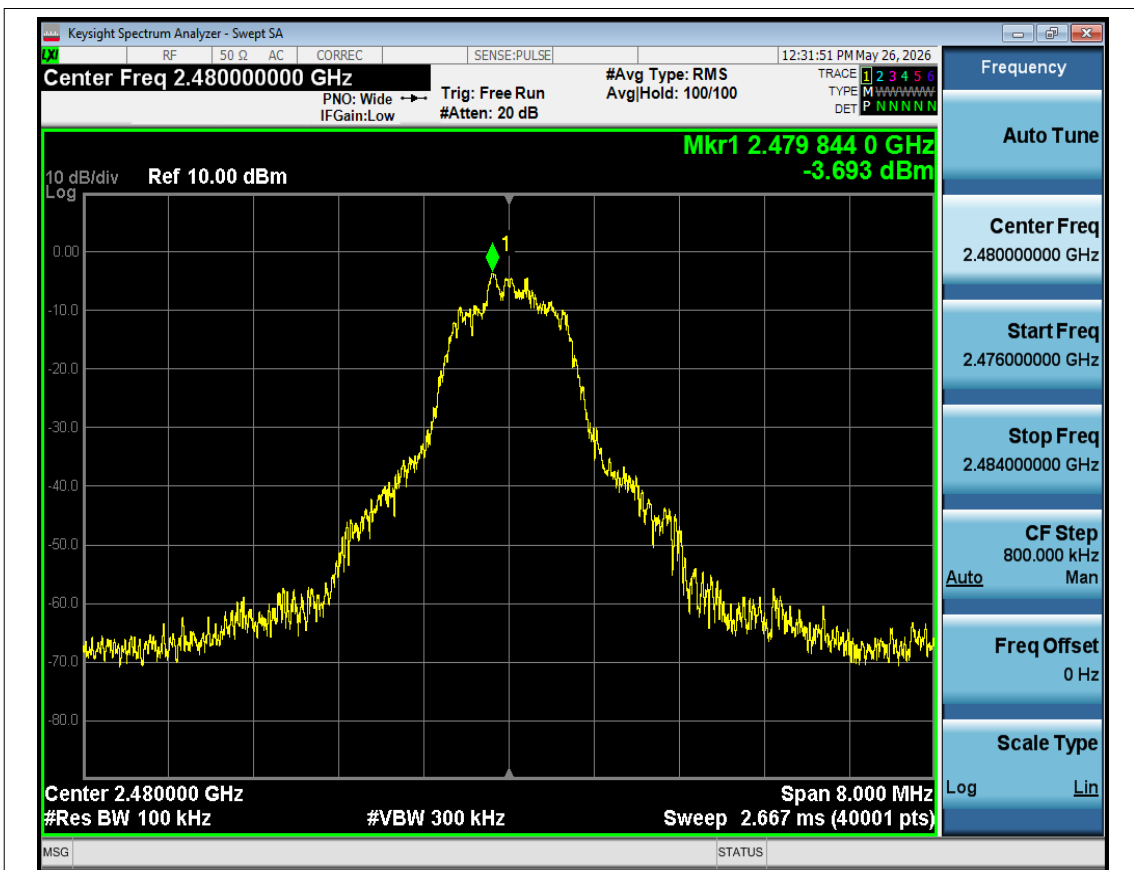
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



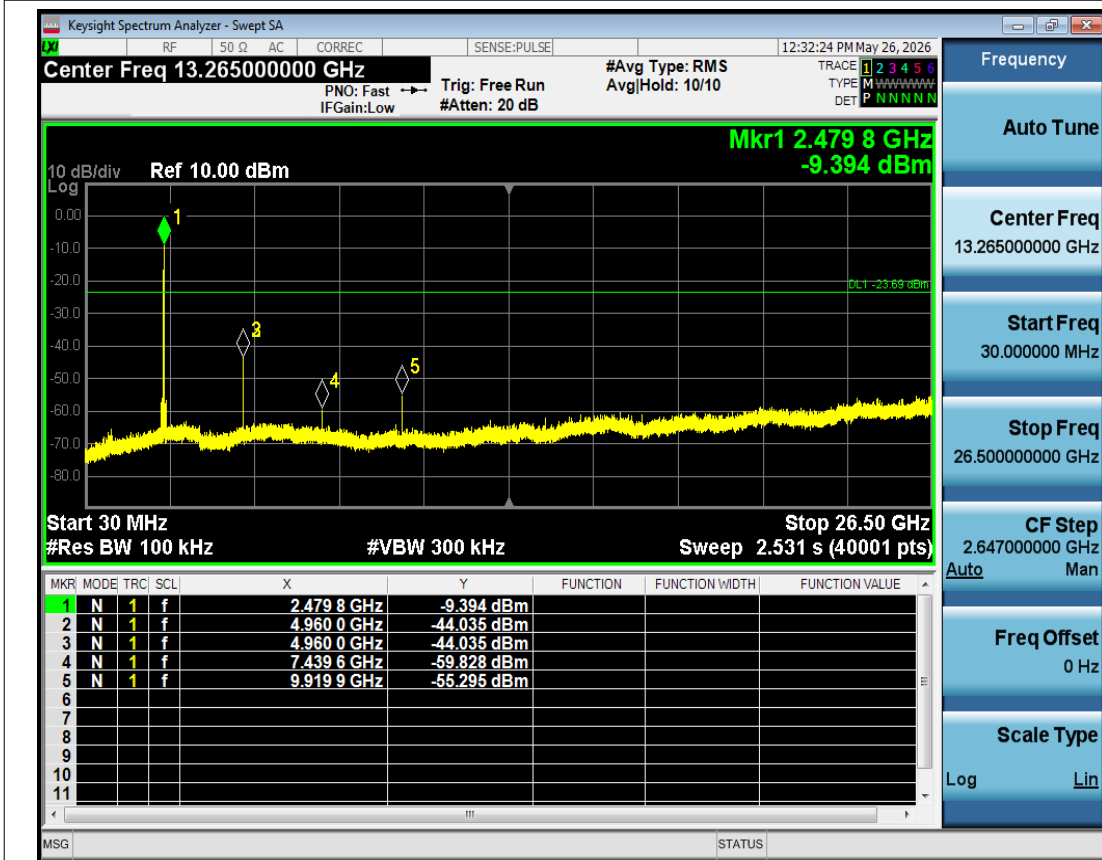
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



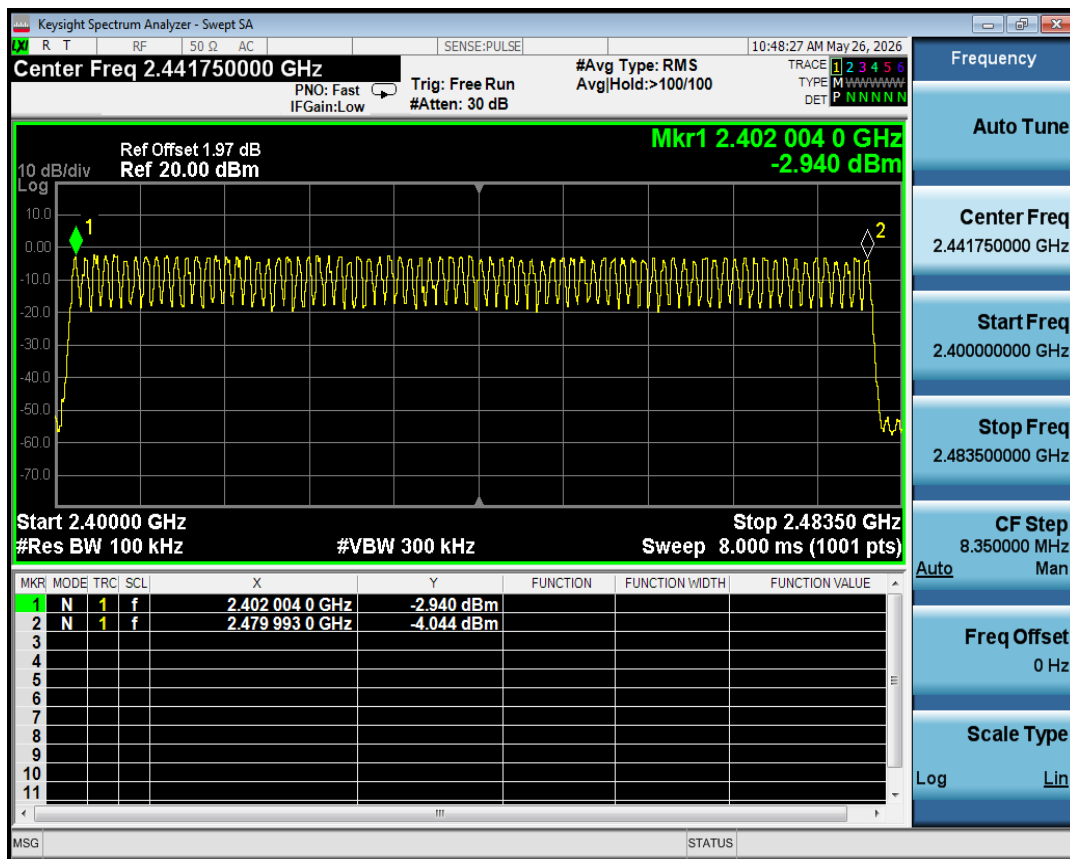
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



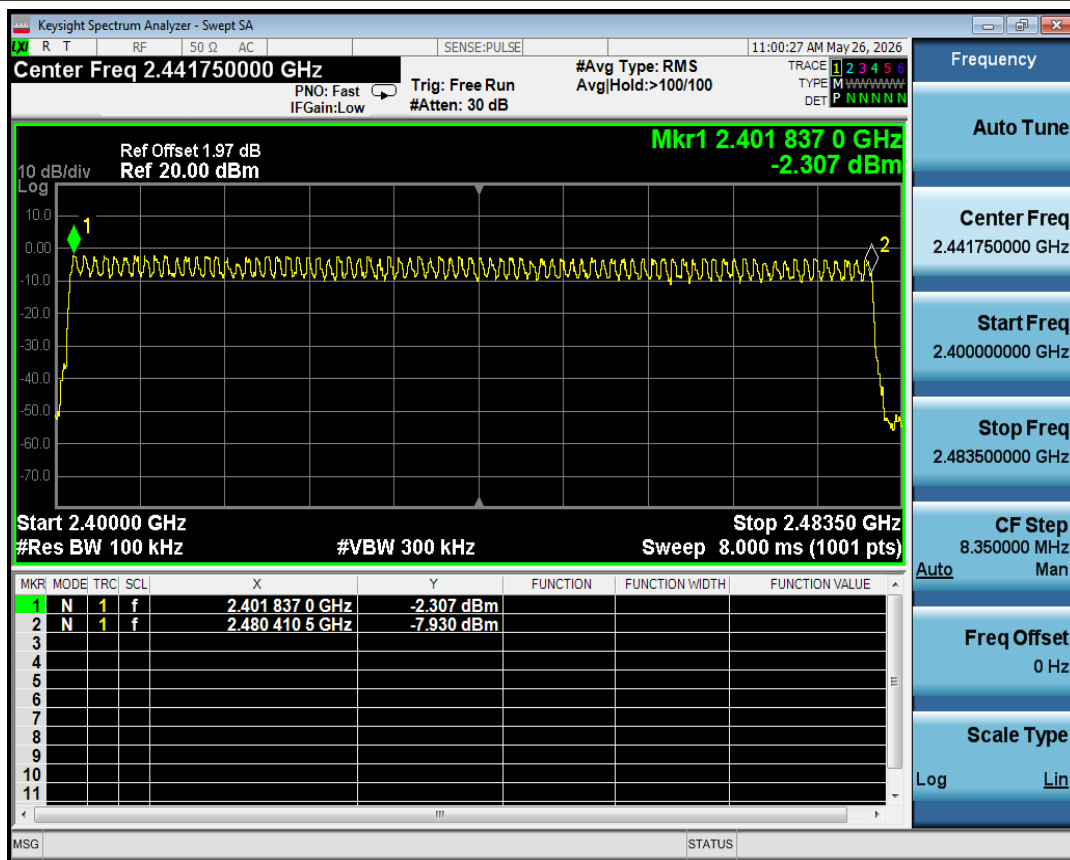
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission

## Number of Hopping Channel

| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |



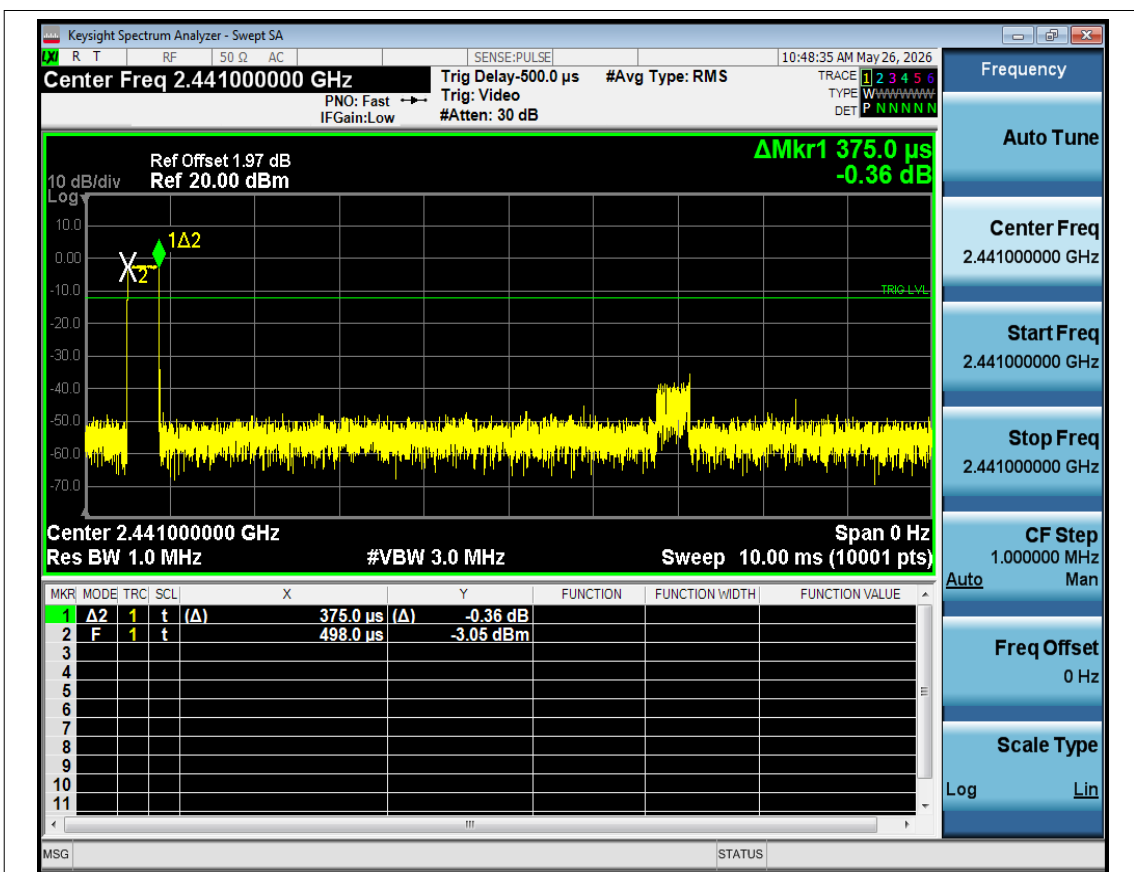
Hopping No. NVNT 1-DH1 2441MHz Ant1



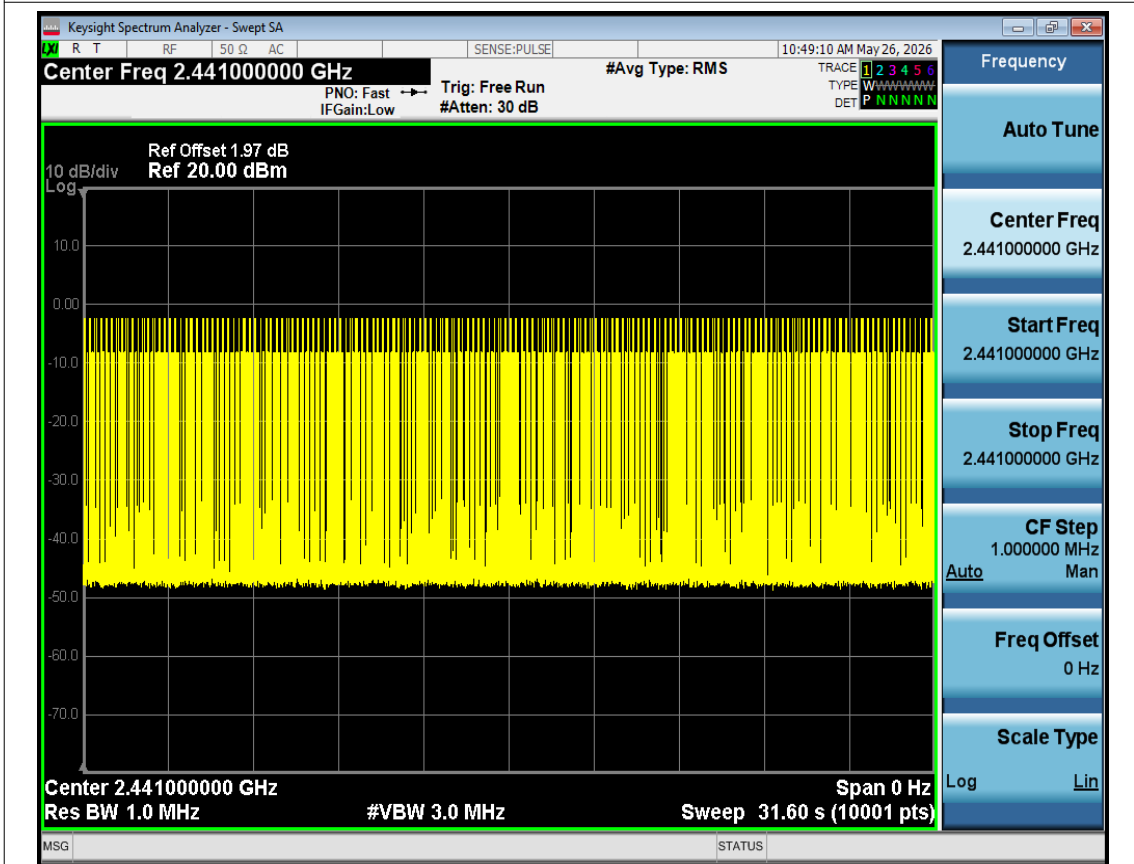
Hopping No. NVNT 2-DH1 2441MHz Ant1

## Dwell Time

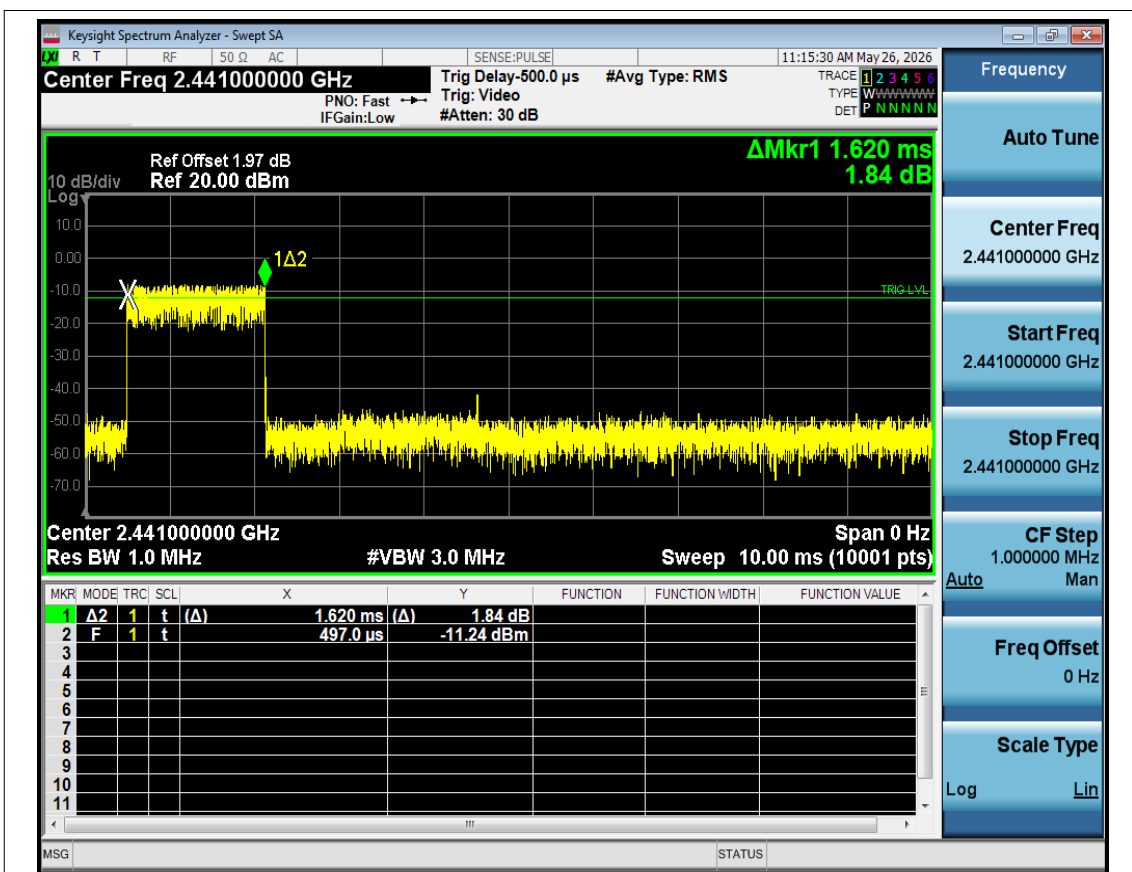
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse<br>Time<br>(ms) | Total<br>Dwell<br>Time (ms) | Burst<br>Count | Period<br>Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|-----------------------|-----------------------------|----------------|------------------------|---------------|---------|
| NVNT      | 1-DH1 | 2441               | Ant1    | 0.375                 | 119.25                      | 318            | 31600                  | 400           | Pass    |
| NVNT      | 1-DH3 | 2441               | Ant1    | 1.62                  | 270.54                      | 167            | 31600                  | 400           | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 2.868                 | 335.556                     | 117            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 0.373                 | 118.987                     | 319            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH3 | 2441               | Ant1    | 1.637                 | 266.831                     | 163            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 2.886                 | 305.916                     | 106            | 31600                  | 400           | Pass    |



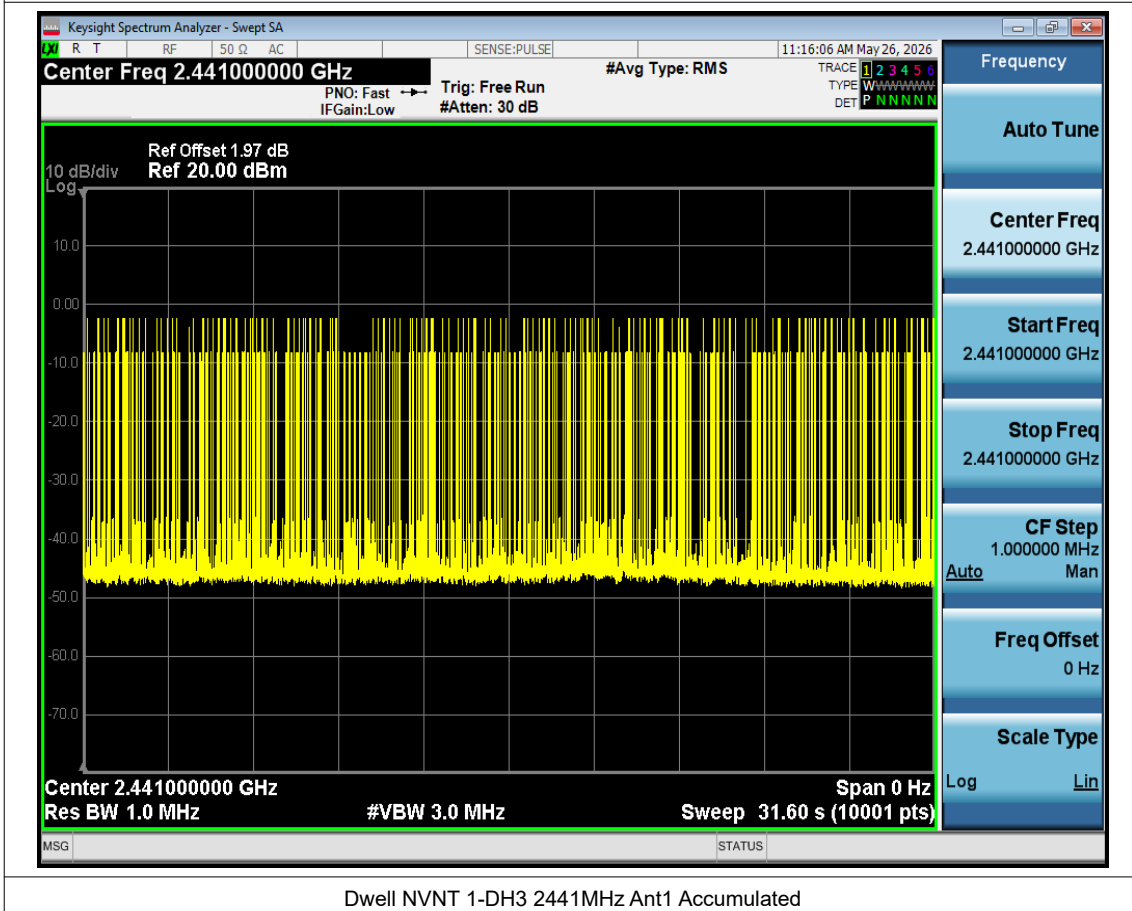
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



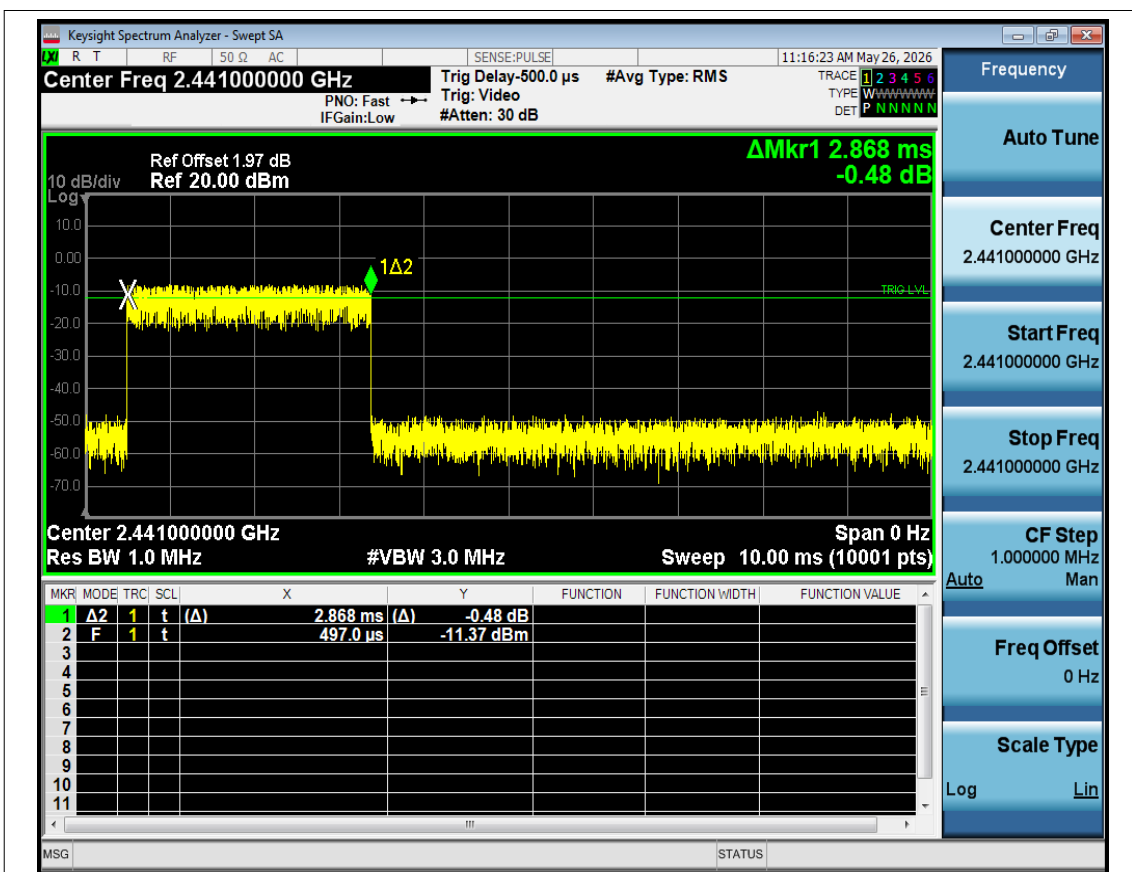
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



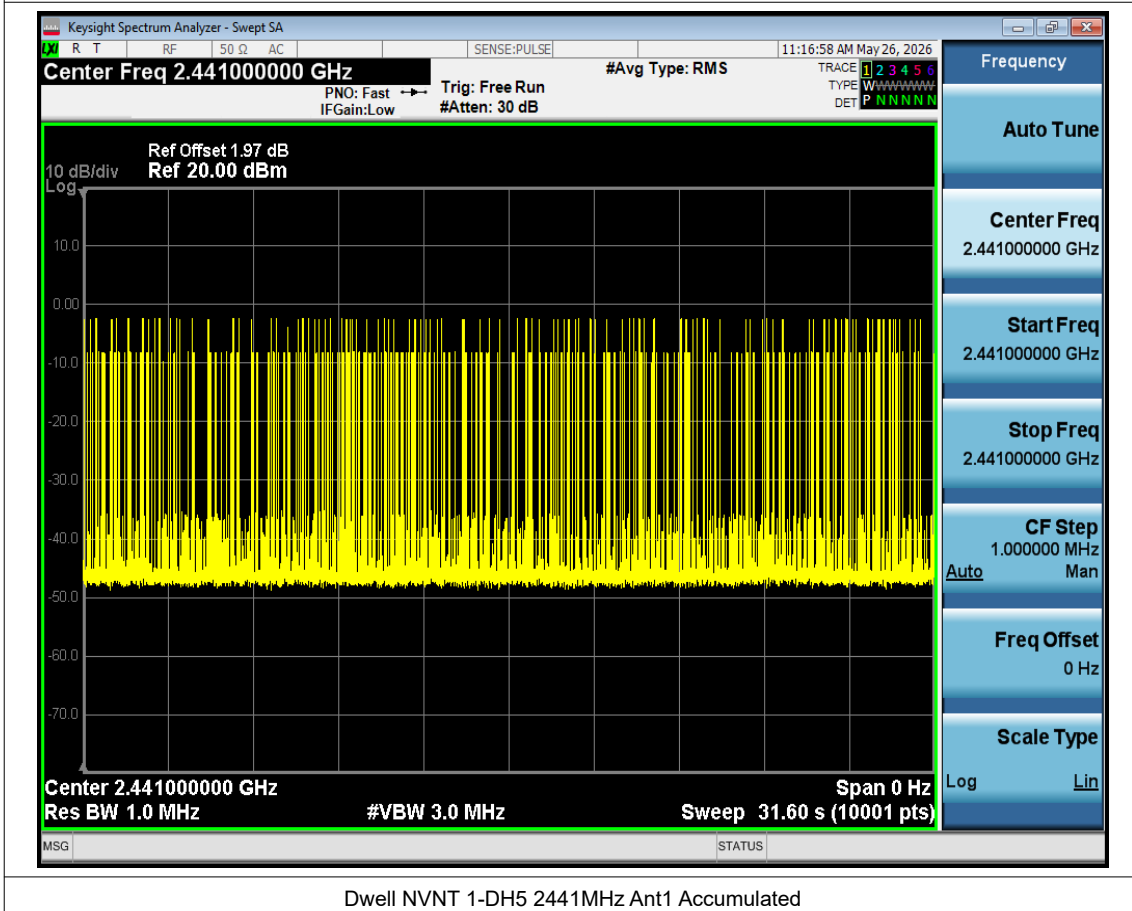
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



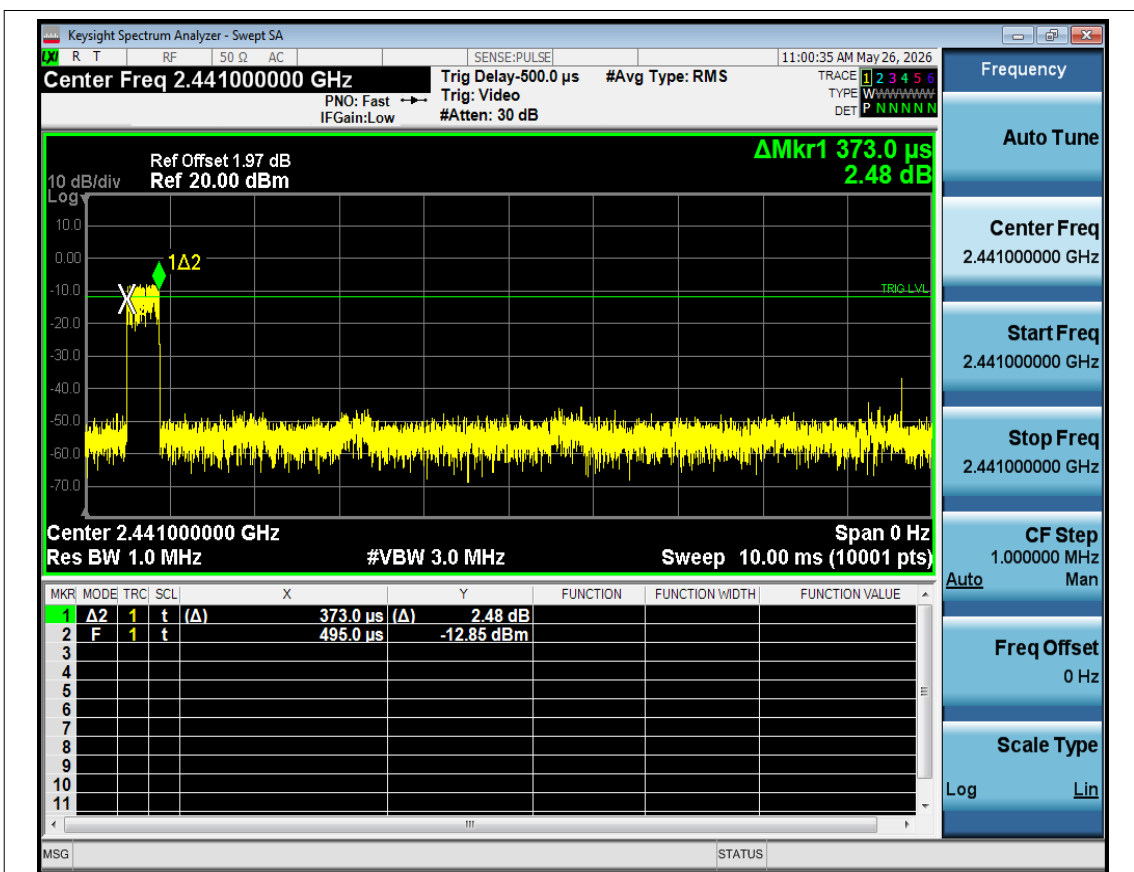
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



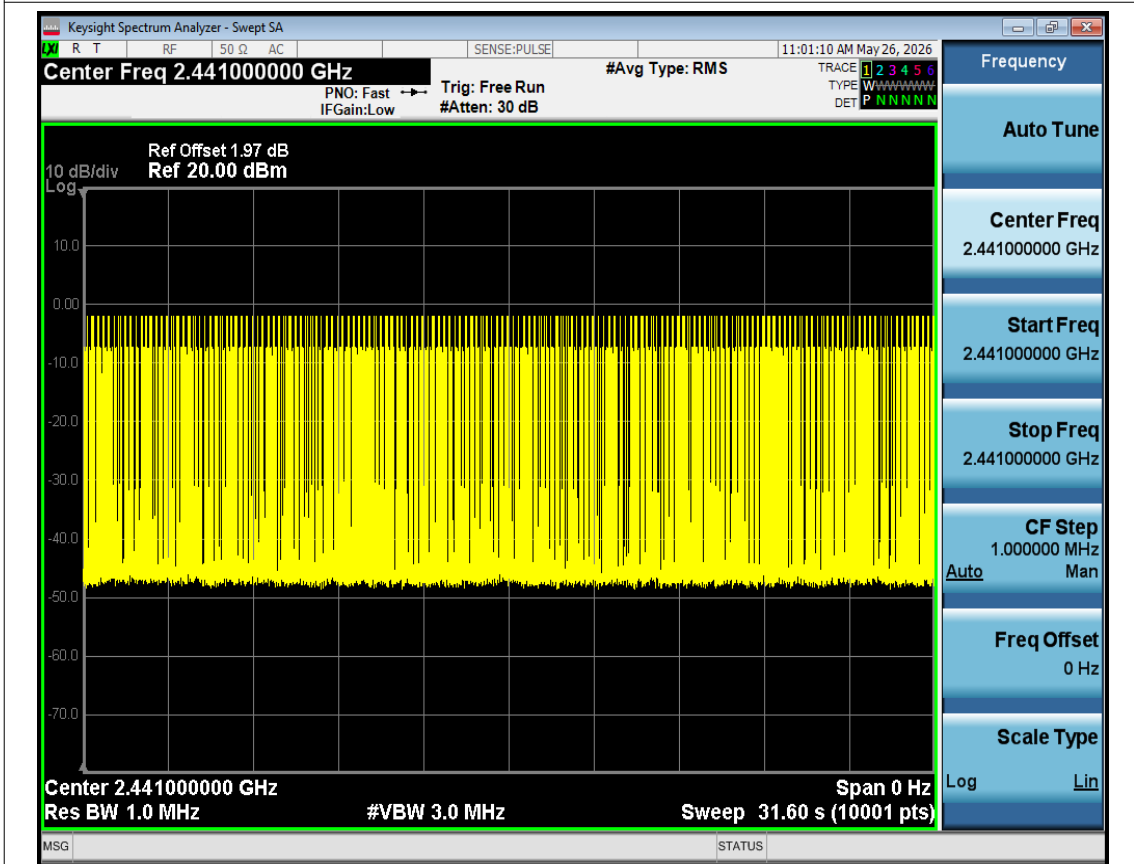
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



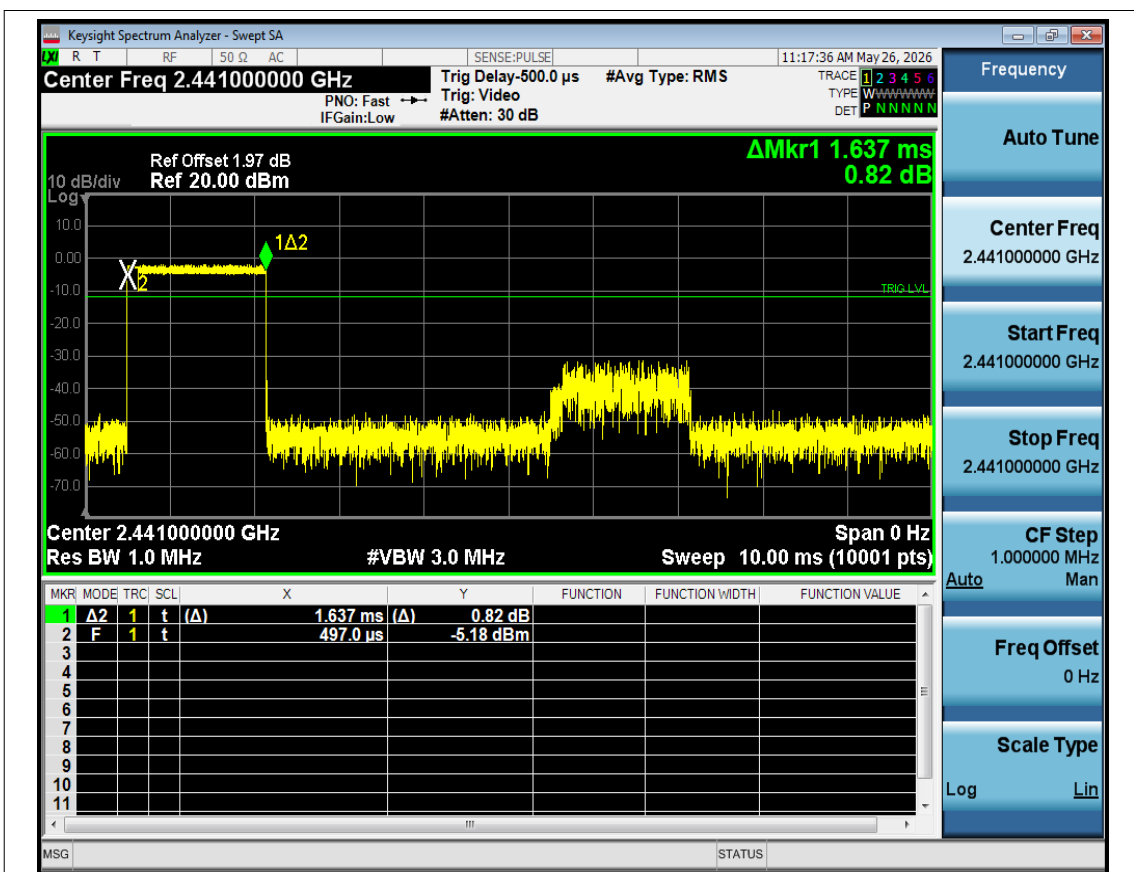
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



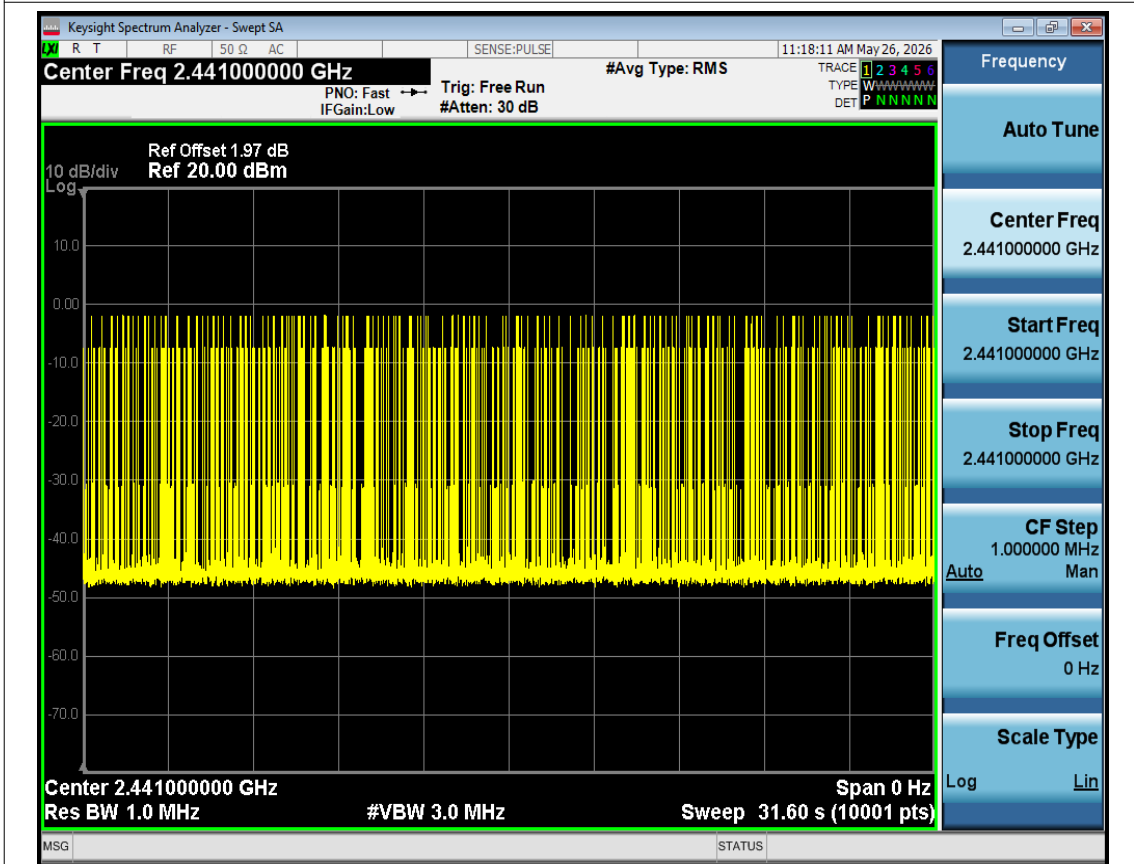
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



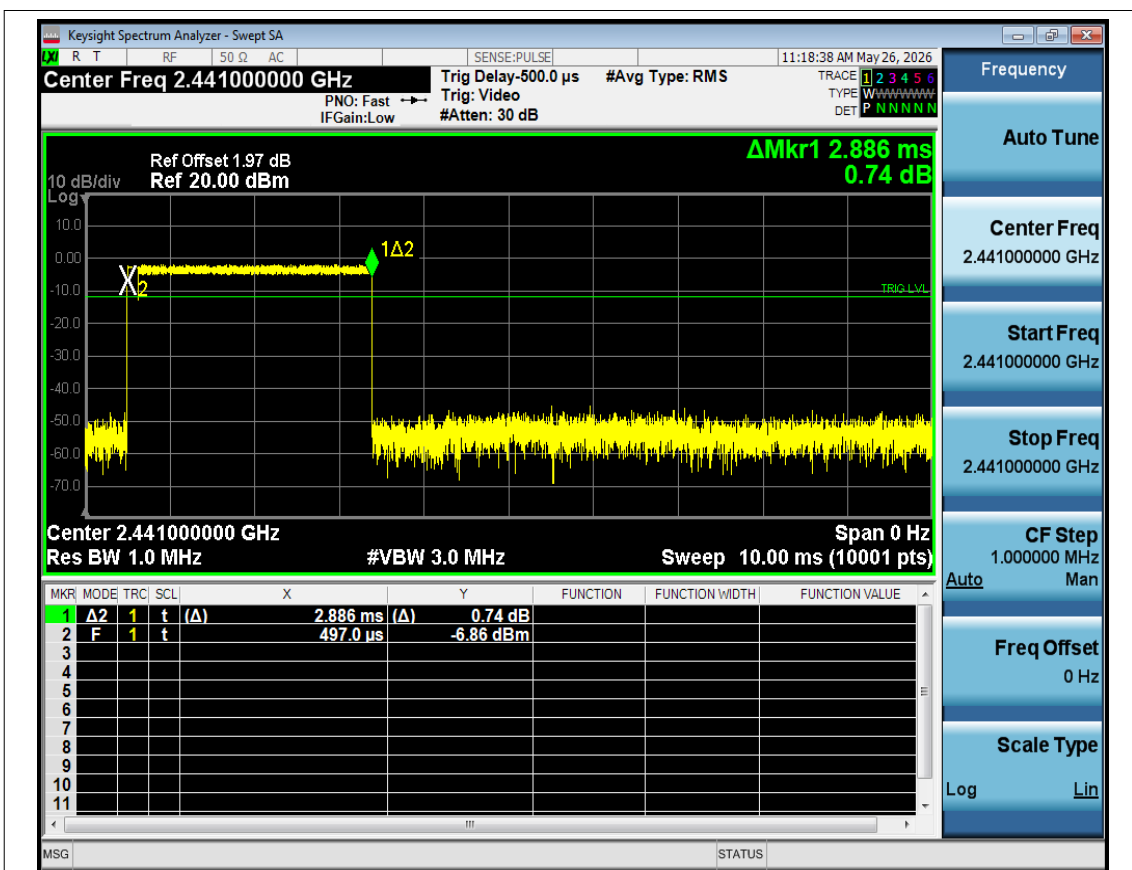
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



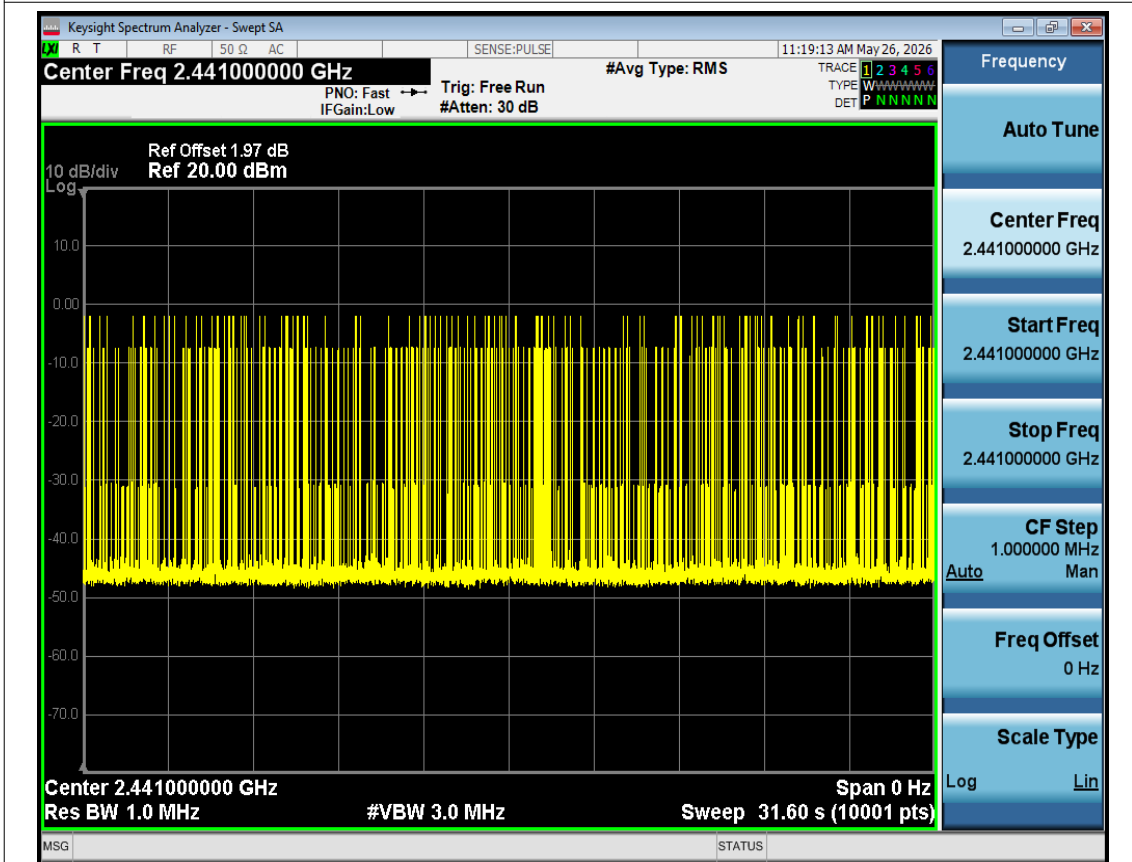
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated