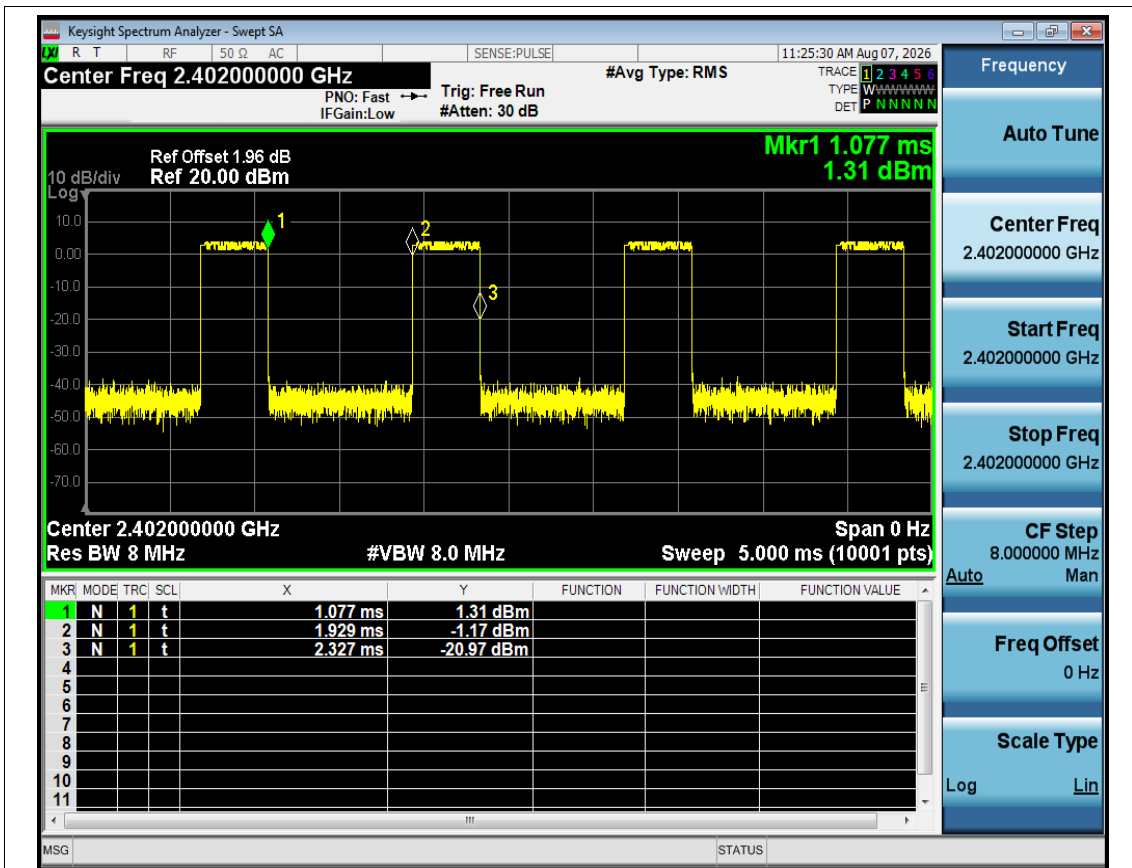


## RF Test Data

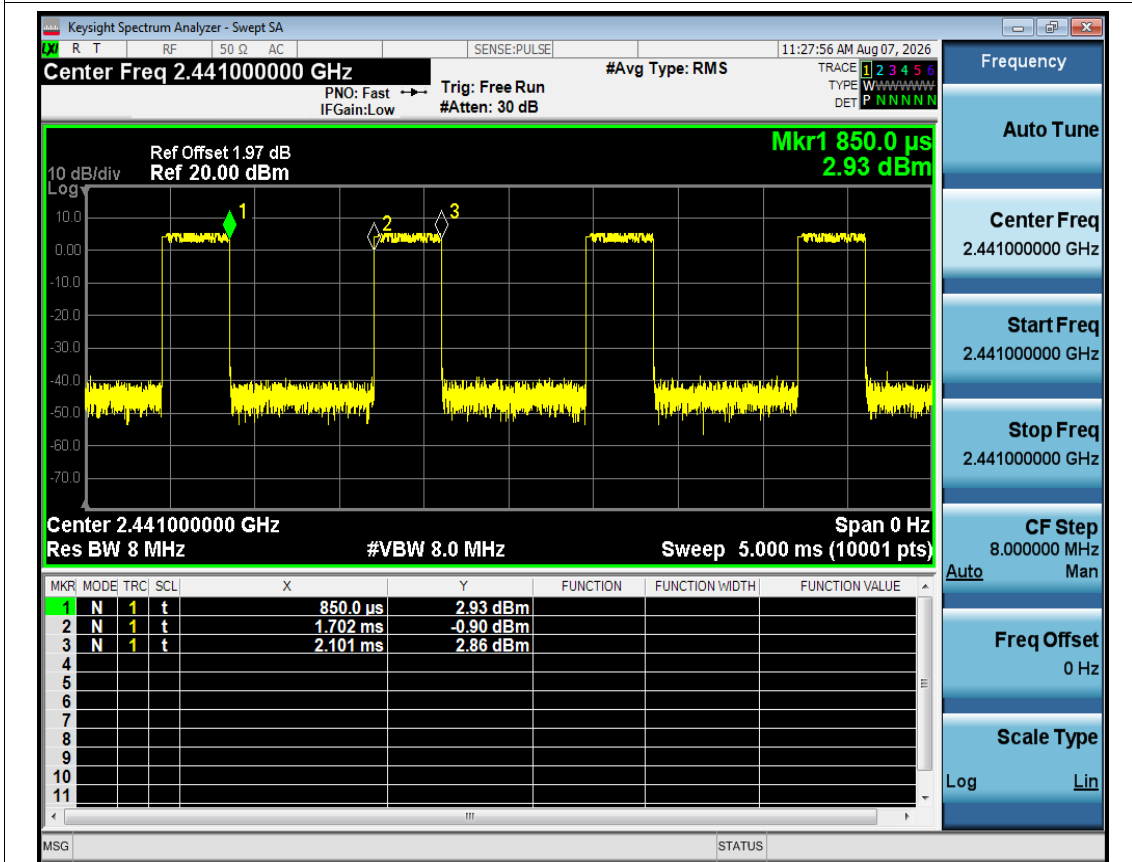
|                                          |    |
|------------------------------------------|----|
| Duty Cycle.....                          | 2  |
| Maximum Peak Conducted Output Power..... | 8  |
| -20dB Bandwidth.....                     | 14 |
| Occupied Channel Bandwidth.....          | 20 |
| Carrier Frequencies Separation.....      | 26 |
| Band Edge .....                          | 32 |
| Band Edge(Hopping) .....                 | 39 |
| Conducted RF Spurious Emission .....     | 46 |
| Number of Hopping Channel .....          | 56 |
| Dwell Time .....                         | 59 |

## Duty Cycle

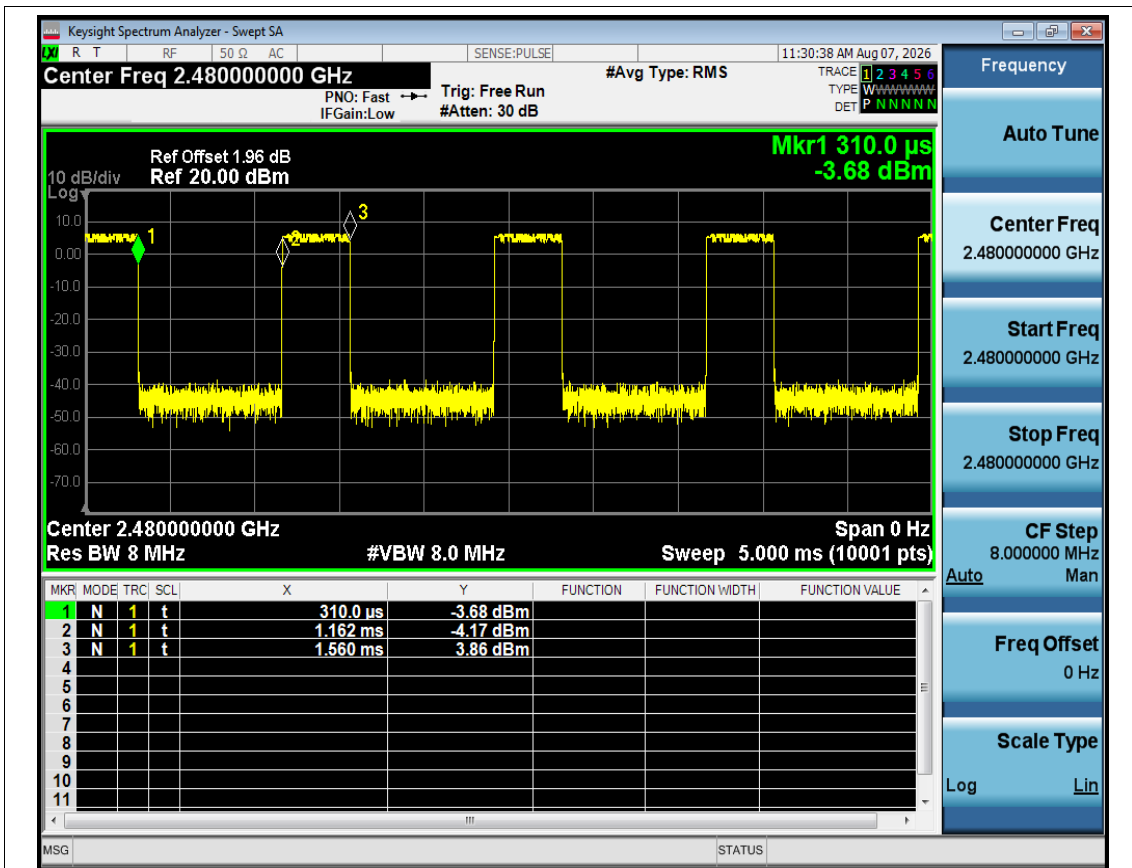
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 31.87          | 4.97                   | 2.51      |
| NVNT      | 1-DH1 | 2441            | Ant1    | 31.87          | 4.97                   | 2.51      |
| NVNT      | 1-DH1 | 2480            | Ant1    | 31.88          | 4.96                   | 2.51      |
| NVNT      | 2-DH1 | 2402            | Ant1    | 32.68          | 4.86                   | 2.45      |
| NVNT      | 2-DH1 | 2441            | Ant1    | 32.67          | 4.86                   | 2.45      |
| NVNT      | 2-DH1 | 2480            | Ant1    | 32.68          | 4.86                   | 2.45      |
| NVNT      | 3-DH1 | 2402            | Ant1    | 32.71          | 4.85                   | 2.44      |
| NVNT      | 3-DH1 | 2441            | Ant1    | 32.68          | 4.86                   | 2.45      |
| NVNT      | 3-DH1 | 2480            | Ant1    | 32.68          | 4.86                   | 2.45      |



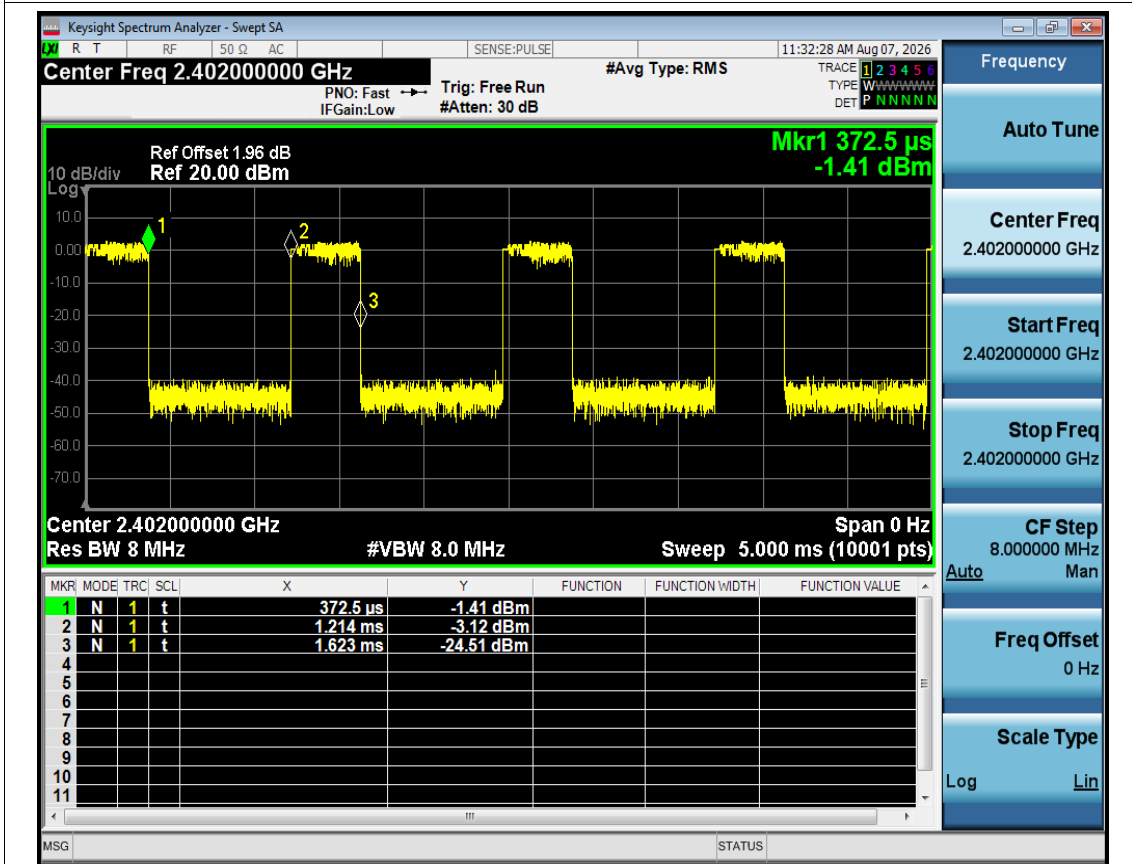
Duty Cycle NVNT 1-DH1 2402MHz Ant1



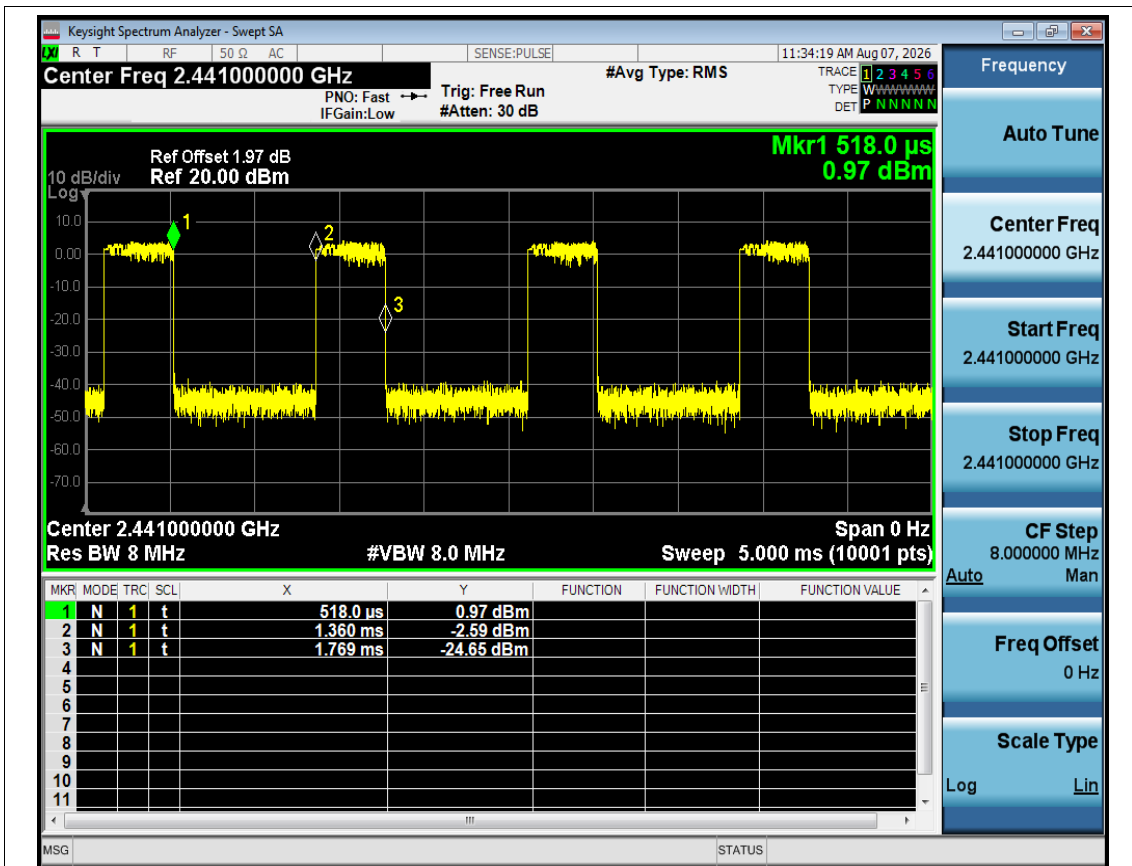
Duty Cycle NVNT 1-DH1 2441MHz Ant1



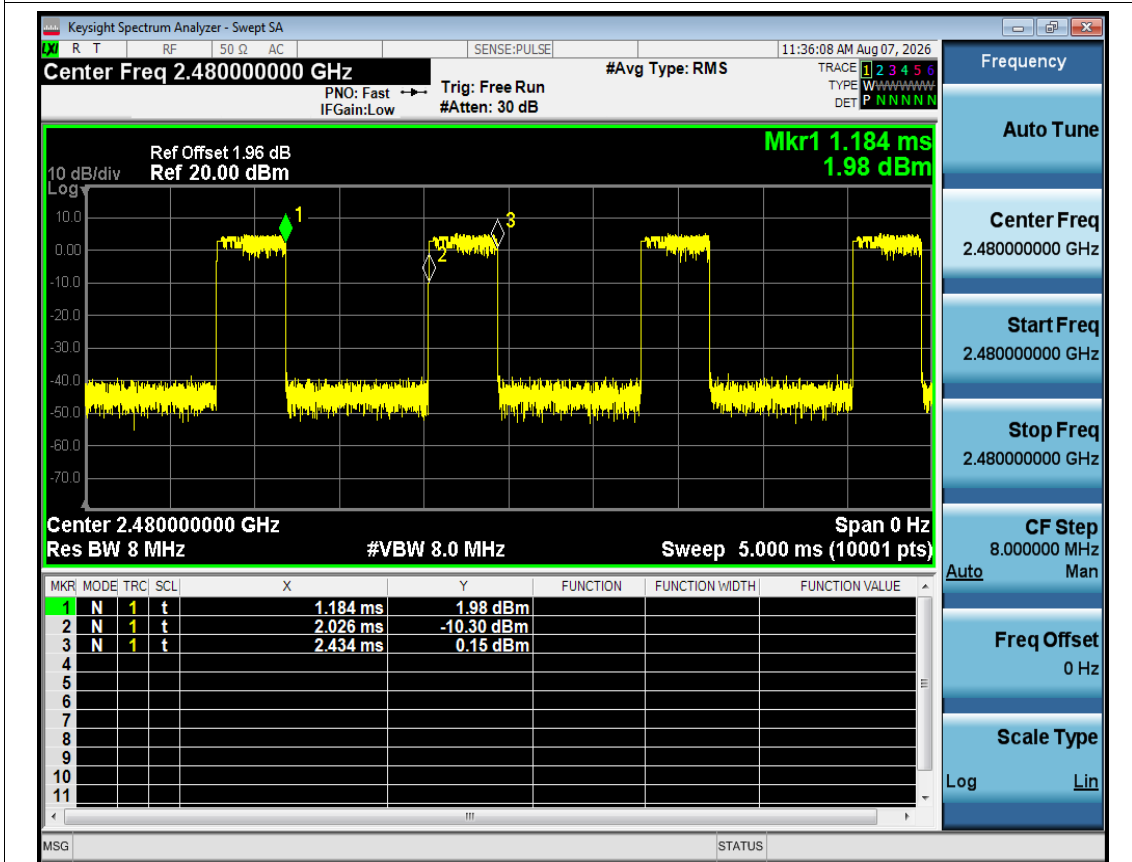
Duty Cycle NVNT 1-DH1 2480MHz Ant1



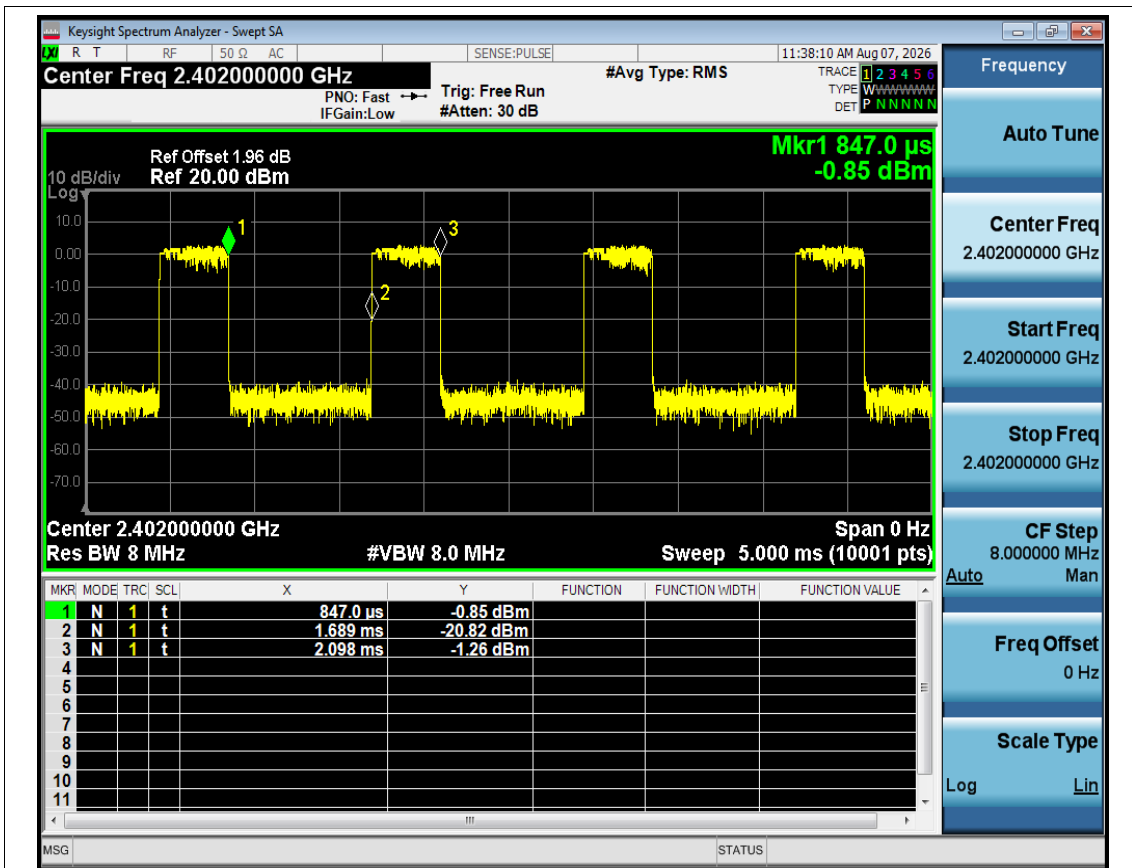
Duty Cycle NVNT 2-DH1 2402MHz Ant1



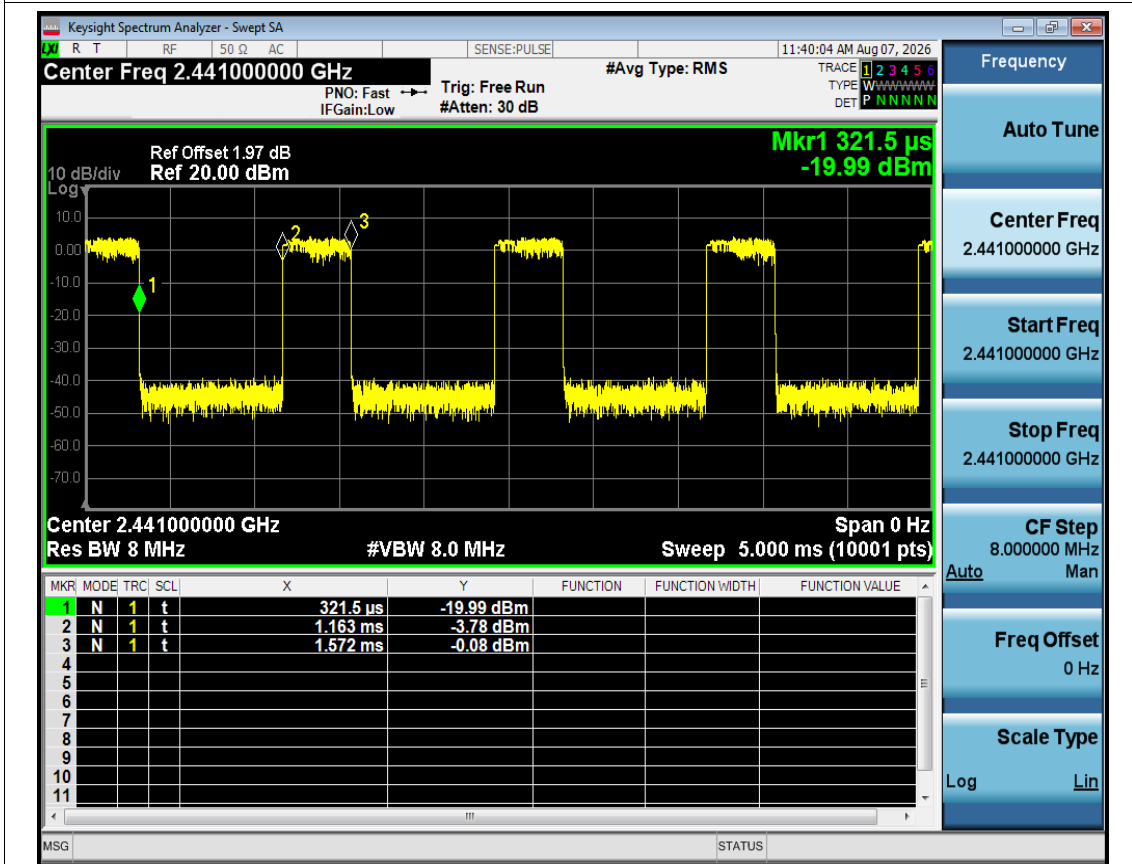
Duty Cycle NVNT 2-DH1 2441MHz Ant1



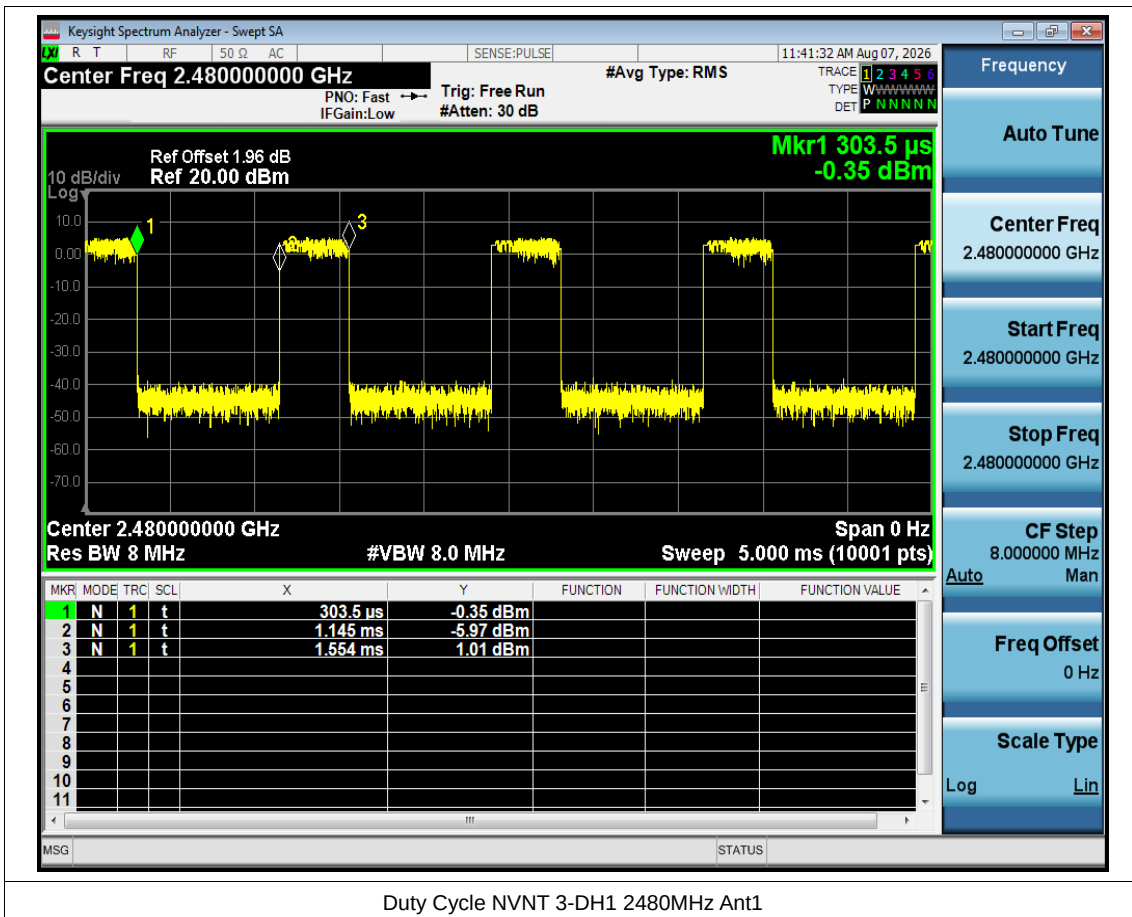
Duty Cycle NVNT 2-DH1 2480MHz Ant1



Duty Cycle NVNT 3-DH1 2402MHz Ant1

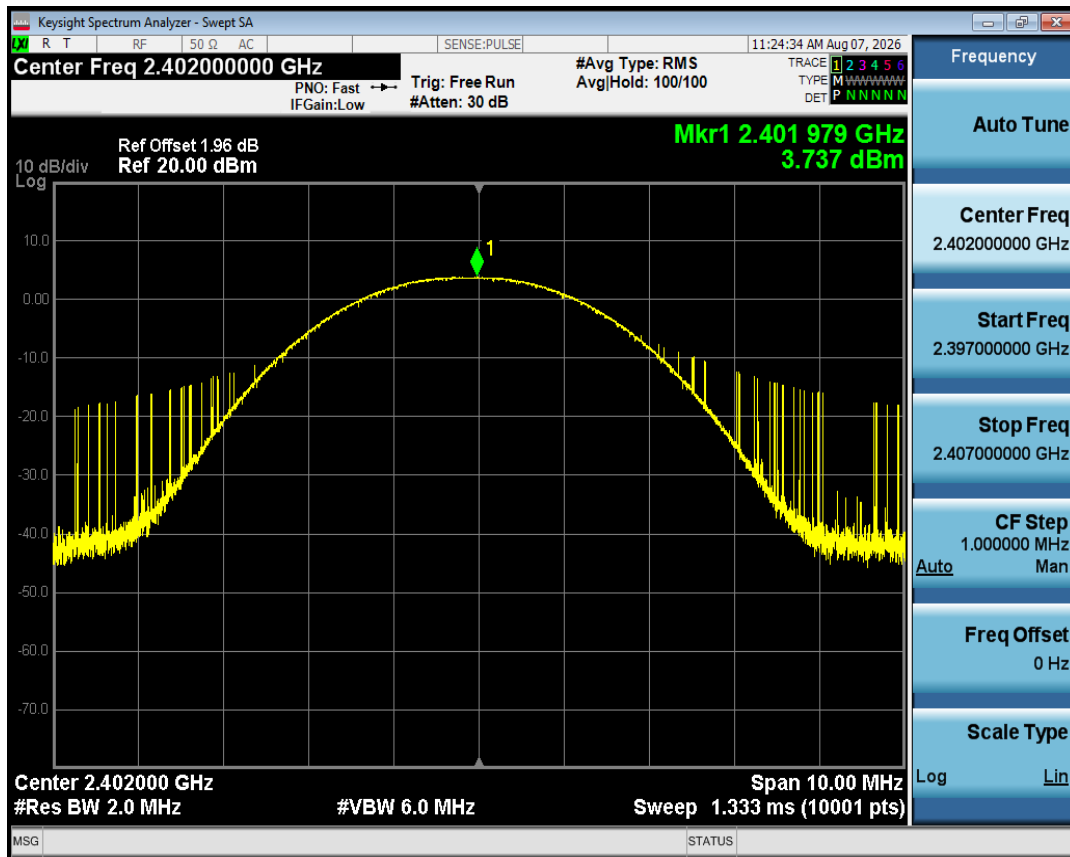


Duty Cycle NVNT 3-DH1 2441MHz Ant1

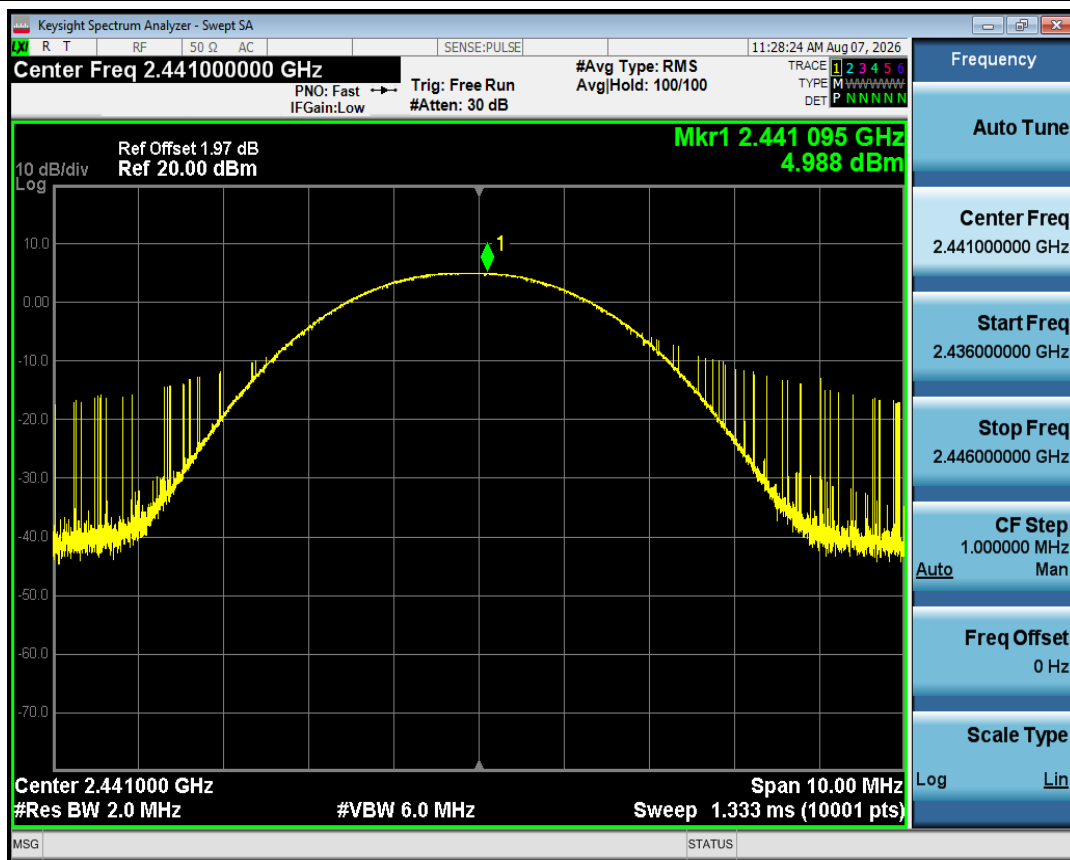


## Maximum Peak Conducted Output Power

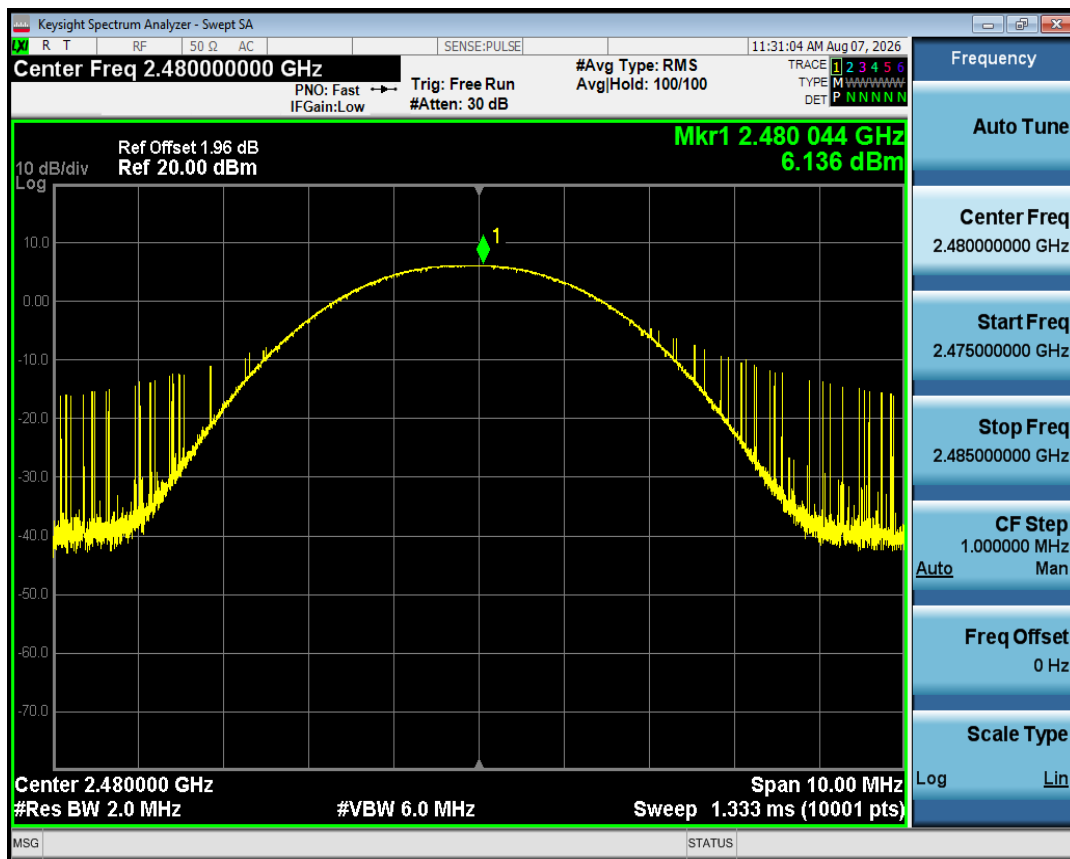
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted<br>Power (dBm) | Conducted<br>Power (W) | Limit<br>Conducted(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|------------------------|-------------------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | 3.74                     | 0.00237                | 21                      | Pass    |
| NVNT      | 1-DH1 | 2441               | Ant1    | 4.99                     | 0.00316                | 21                      | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | 6.14                     | 0.00411                | 21                      | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | 2.32                     | 0.00171                | 21                      | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 3.46                     | 0.00222                | 21                      | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | 4.64                     | 0.00291                | 21                      | Pass    |
| NVNT      | 3-DH1 | 2402               | Ant1    | 2.52                     | 0.00179                | 21                      | Pass    |
| NVNT      | 3-DH1 | 2441               | Ant1    | 3.69                     | 0.00234                | 21                      | Pass    |
| NVNT      | 3-DH1 | 2480               | Ant1    | 4.8                      | 0.00302                | 21                      | Pass    |



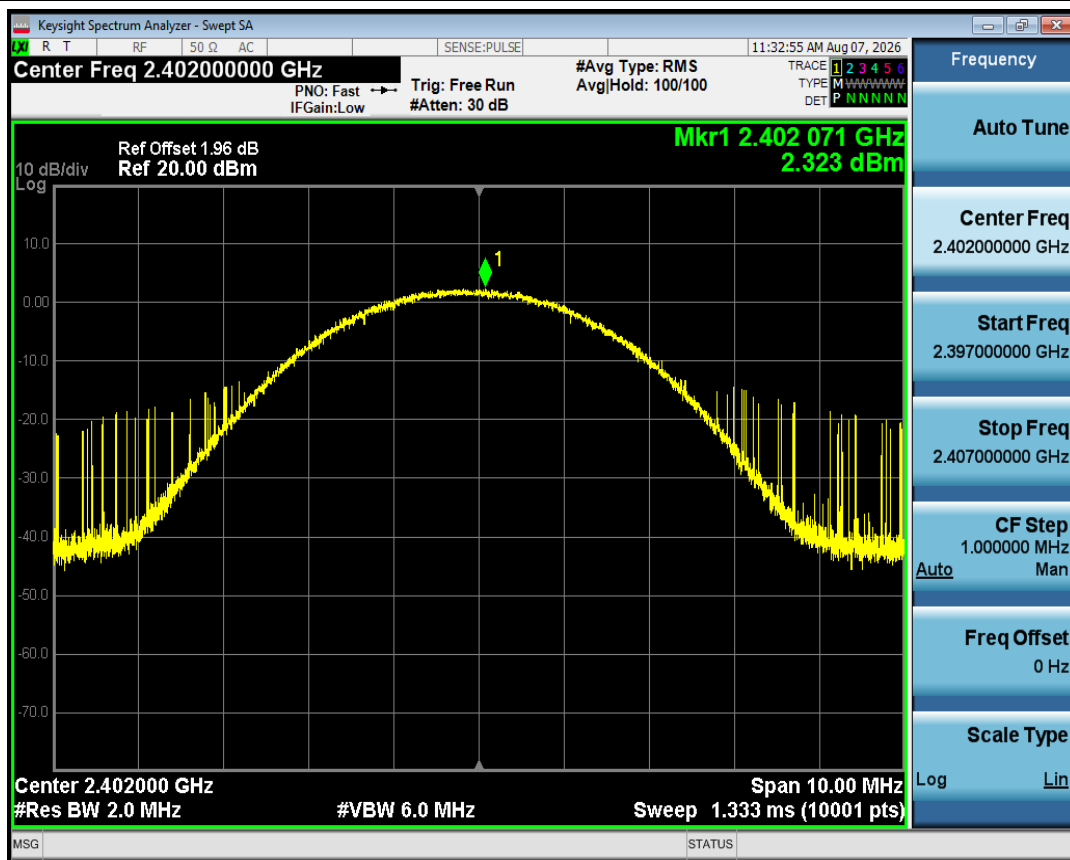
Peak Power NVNT 1-DH1 2402MHz Ant1



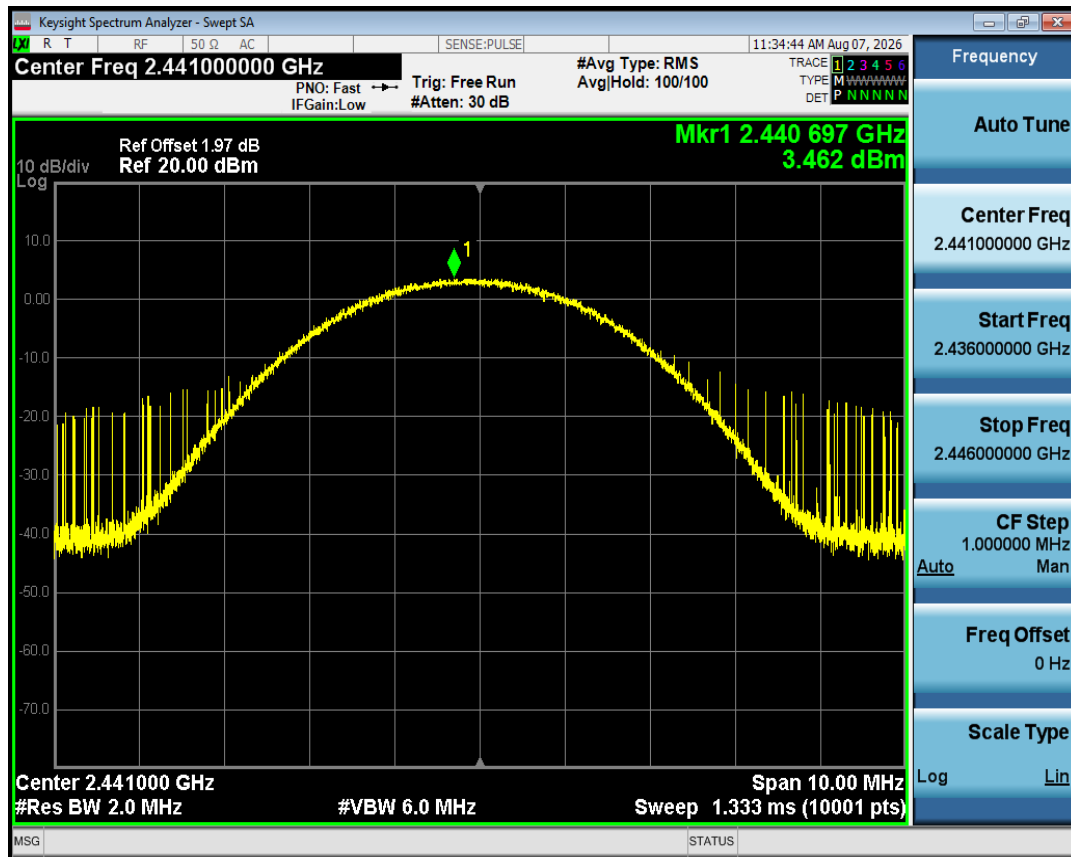
Peak Power NVNT 1-DH1 2441MHz Ant1



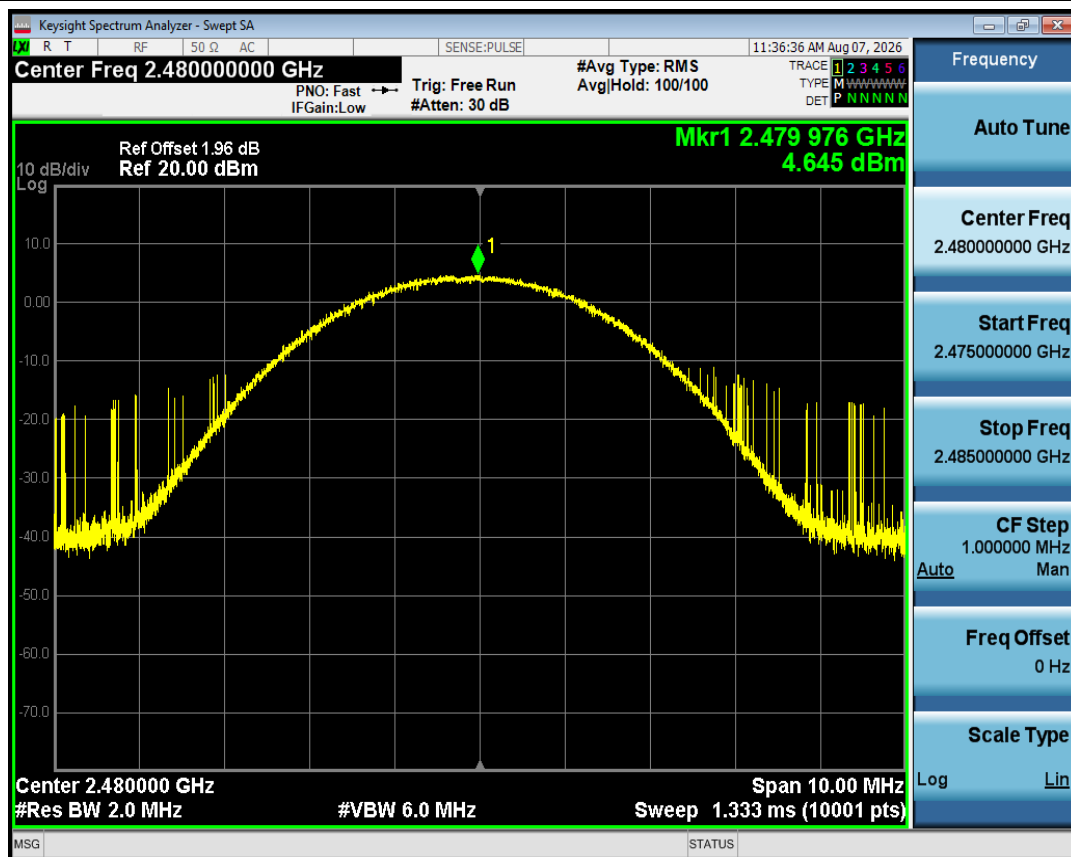
Peak Power NVNT 1-DH1 2480MHz Ant1



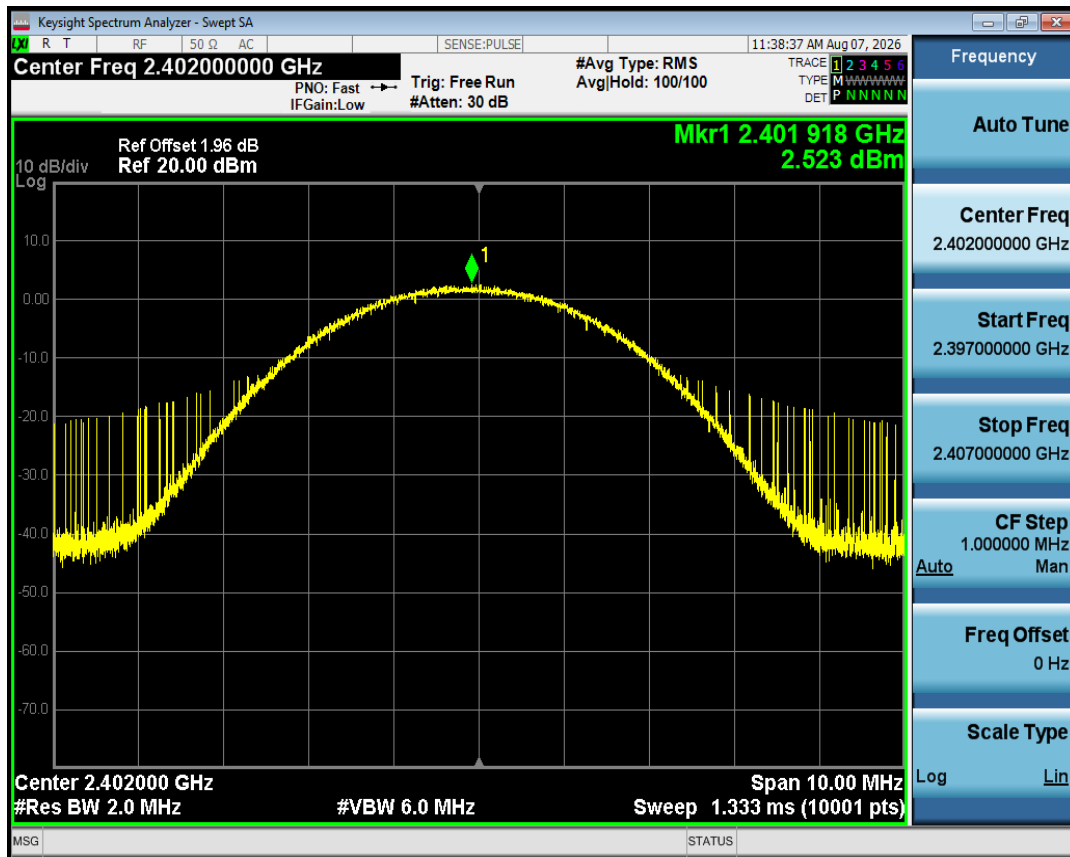
Peak Power NVNT 2-DH1 2402MHz Ant1



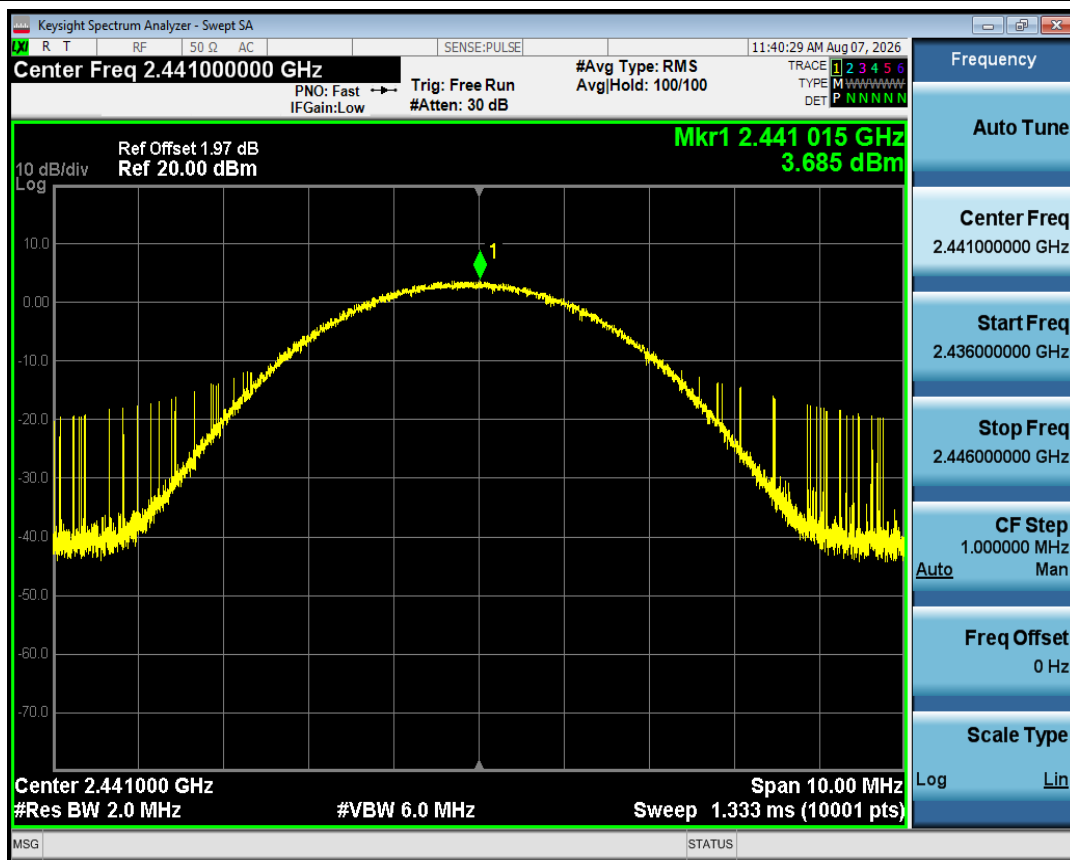
Peak Power NVNT 2-DH1 2441MHz Ant1



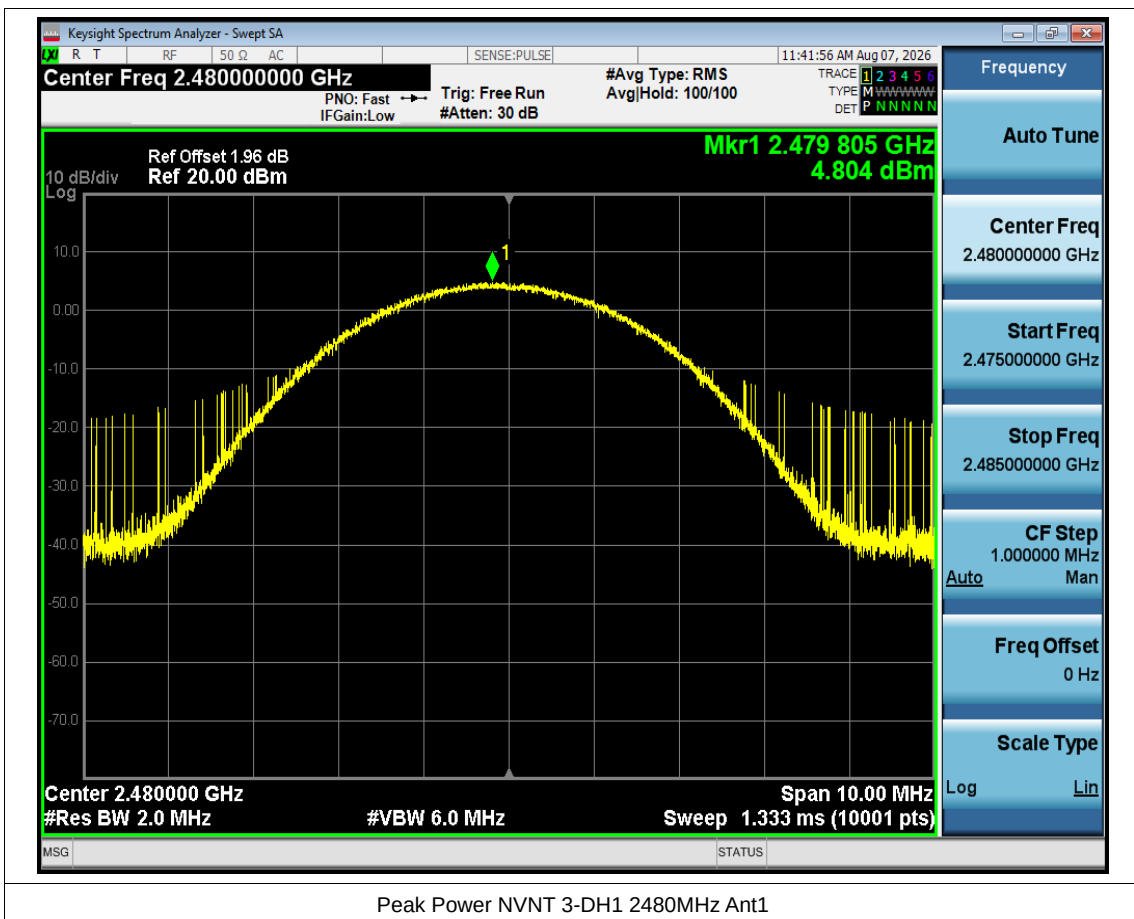
Peak Power NVNT 2-DH1 2480MHz Ant1



Peak Power NVNT 3-DH1 2402MHz Ant1



Peak Power NVNT 3-DH1 2441MHz Ant1



## -20dB Bandwidth

| Condition | Mode  | Frequency<br>(MHz) | Antenna | -20 dB Bandwidth<br>(MHz) | Verdict |
|-----------|-------|--------------------|---------|---------------------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | 0.9254                    | Pass    |
| NVNT      | 1-DH1 | 2441               | Ant1    | 0.861                     | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | 0.8567                    | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | 1.211                     | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 1.209                     | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | 1.227                     | Pass    |
| NVNT      | 3-DH1 | 2402               | Ant1    | 1.193                     | Pass    |
| NVNT      | 3-DH1 | 2441               | Ant1    | 1.211                     | Pass    |
| NVNT      | 3-DH1 | 2480               | Ant1    | 1.201                     | 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



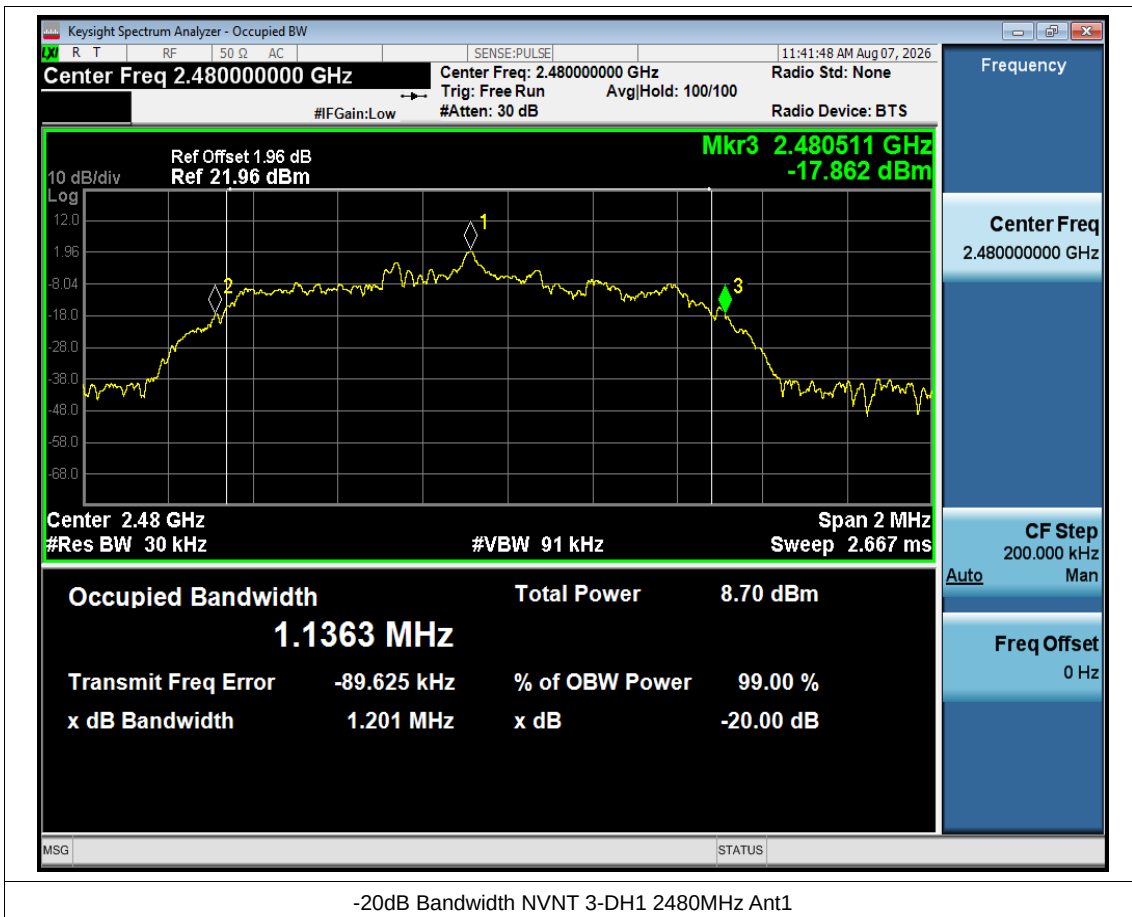
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



## Occupied Channel Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.8233        |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.81355       |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.83598       |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.145         |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.1132        |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.0592        |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.1407        |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.1293        |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.1218        |



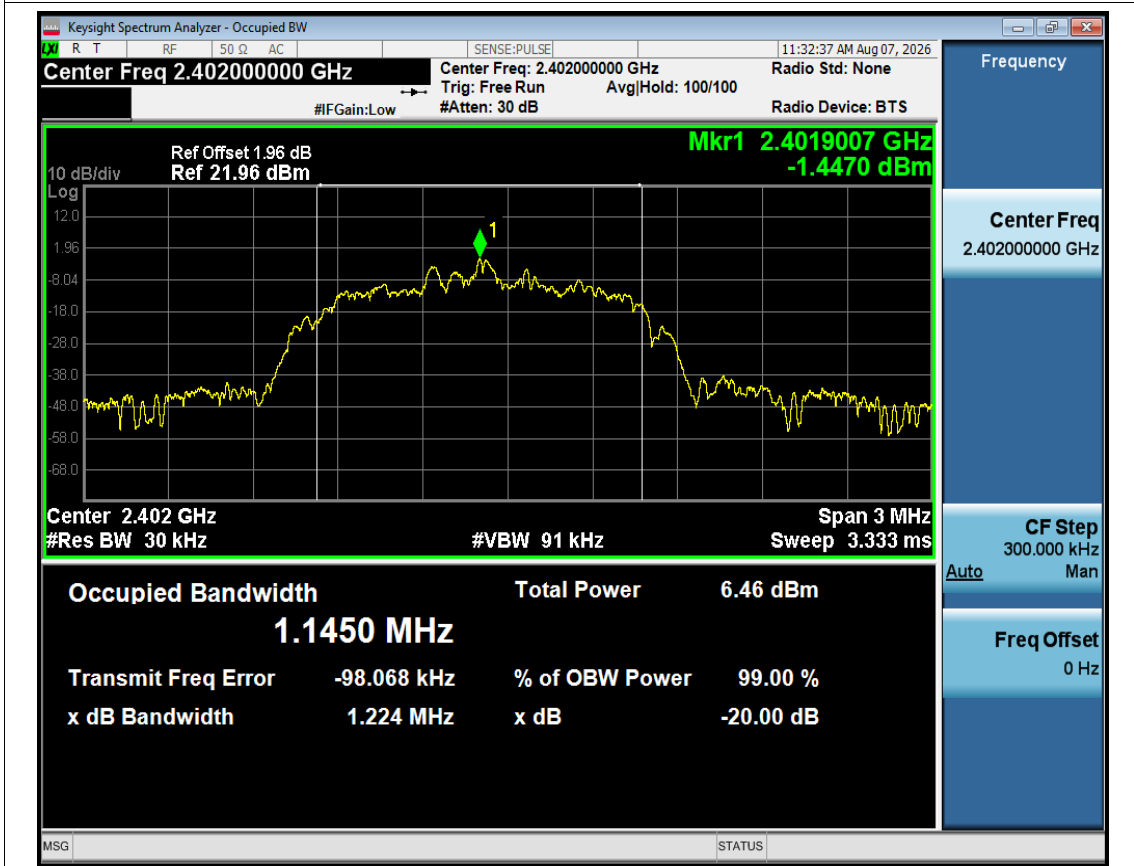
OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



OBW NVNT 1-DH1 2480MHz Ant1



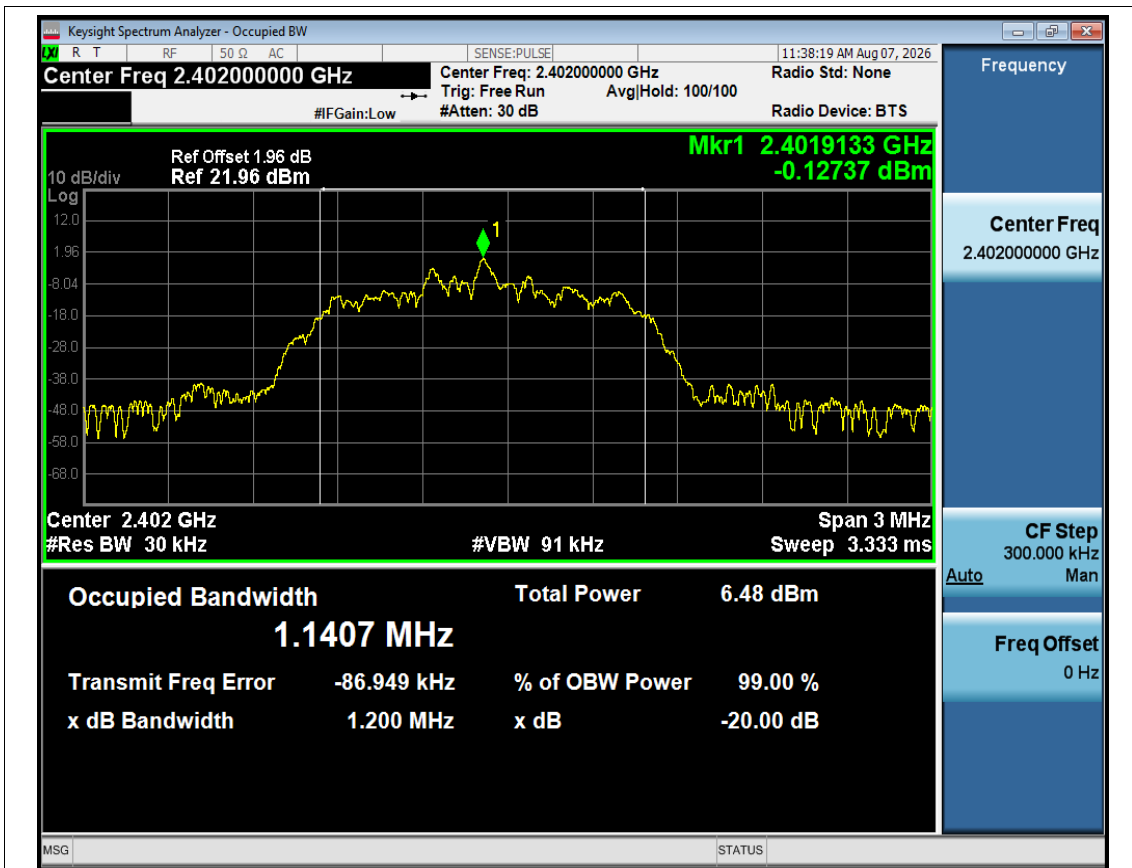
OBW NVNT 2-DH1 2402MHz Ant1



OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz 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    | 2401.9                 | 2402.892               | 0.992        | 0.576          | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2440.91                | 2441.888               | 0.978        | 0.567          | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2478.904               | 2479.924               | 1.02         | 0.621          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2401.946               | 2402.932               | 0.986        | 0.811          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.9                 | 2441.91                | 1.01         | 0.803          | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2478.896               | 2479.886               | 0.99         | 0.805          | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2401.894               | 2402.932               | 1.038        | 0.801          | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2440.918               | 2441.916               | 0.998        | 0.801          | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2478.934               | 2479.928               | 0.994        | 0.799          | Pass    |



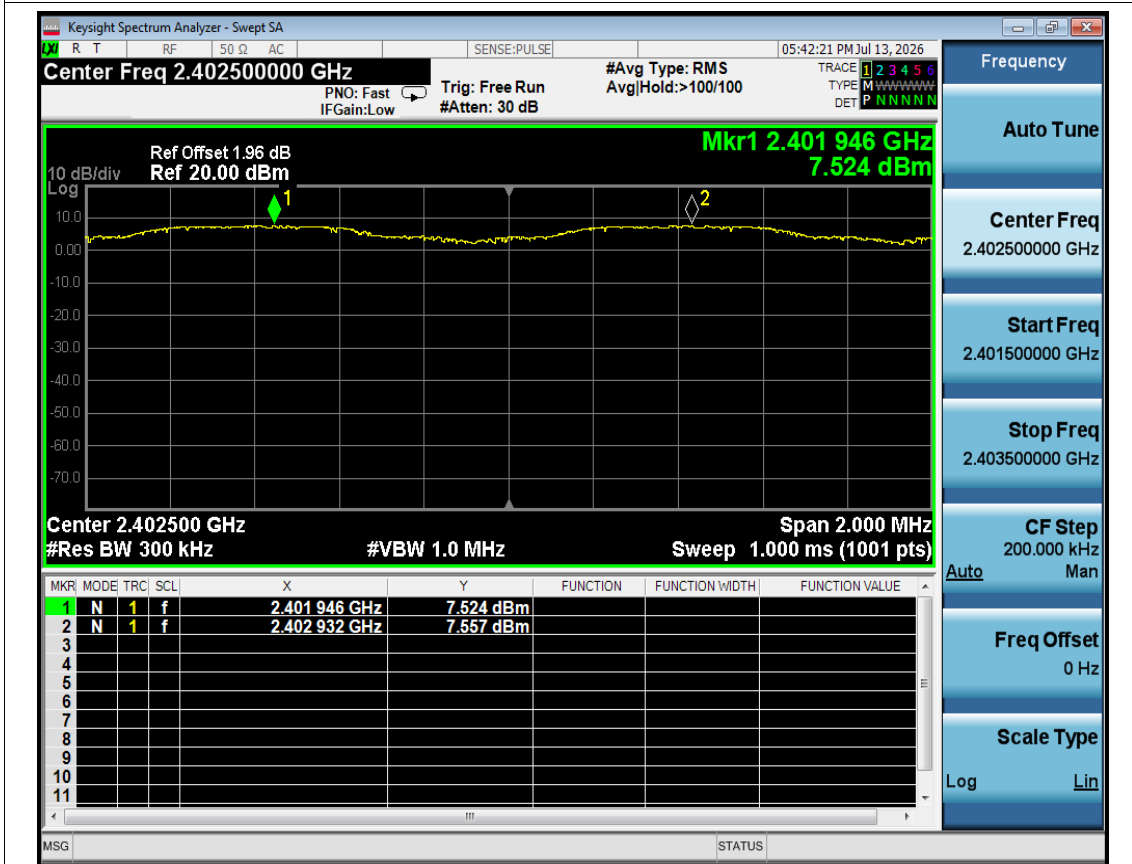
CFS NVNT 1-DH1 2402MHz Ant1



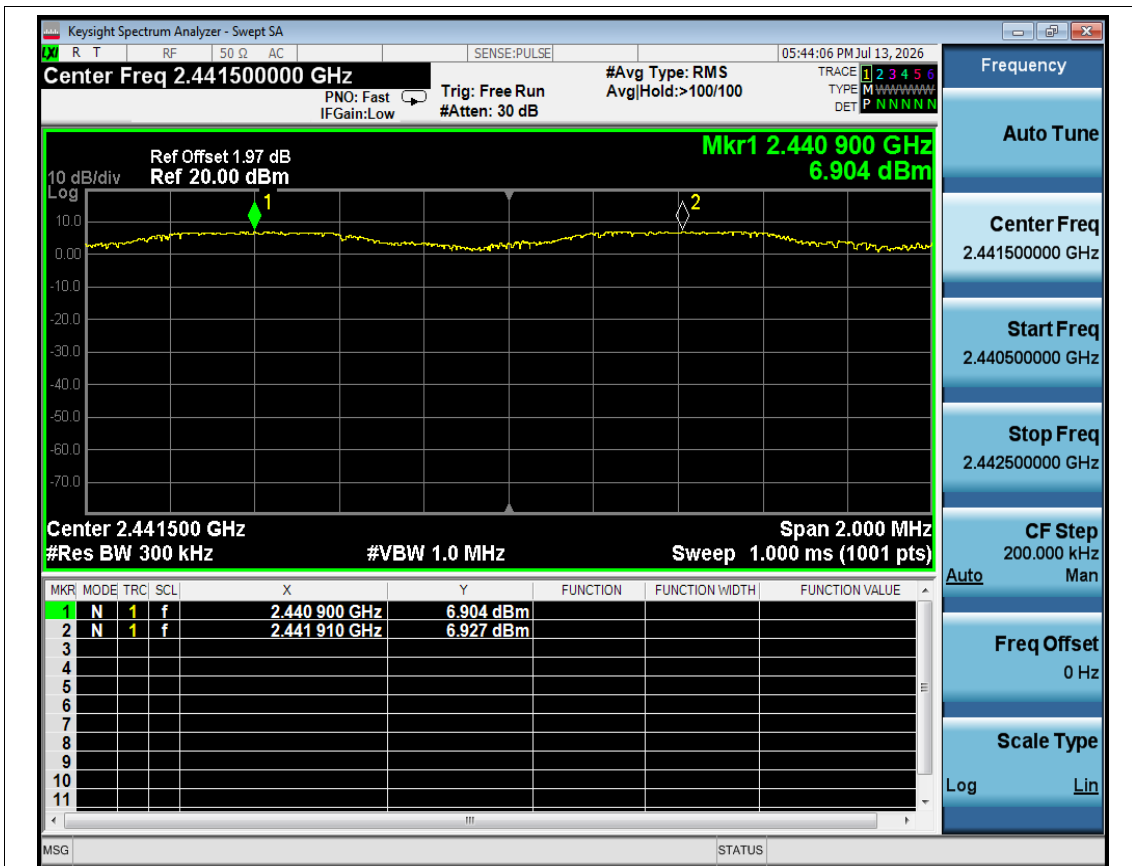
CFS NVNT 1-DH1 2441MHz Ant1



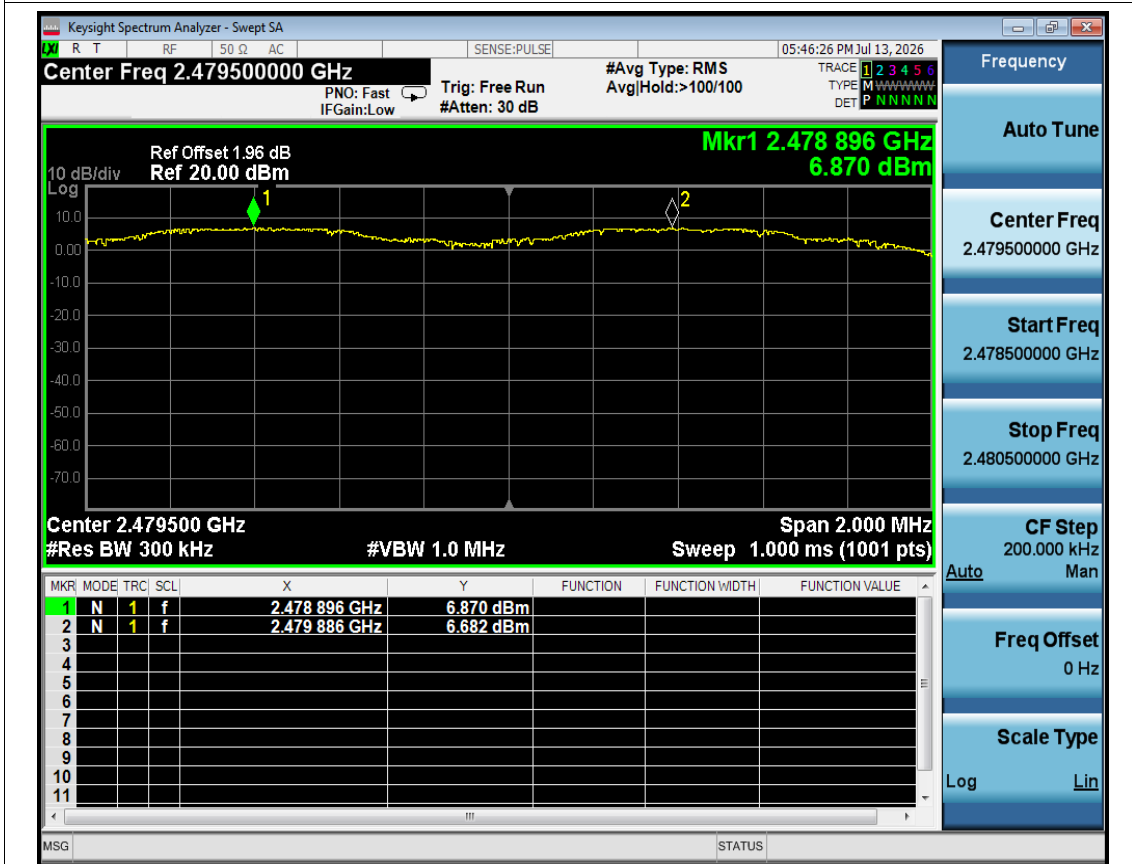
CFS NVNT 1-DH1 2480MHz Ant1



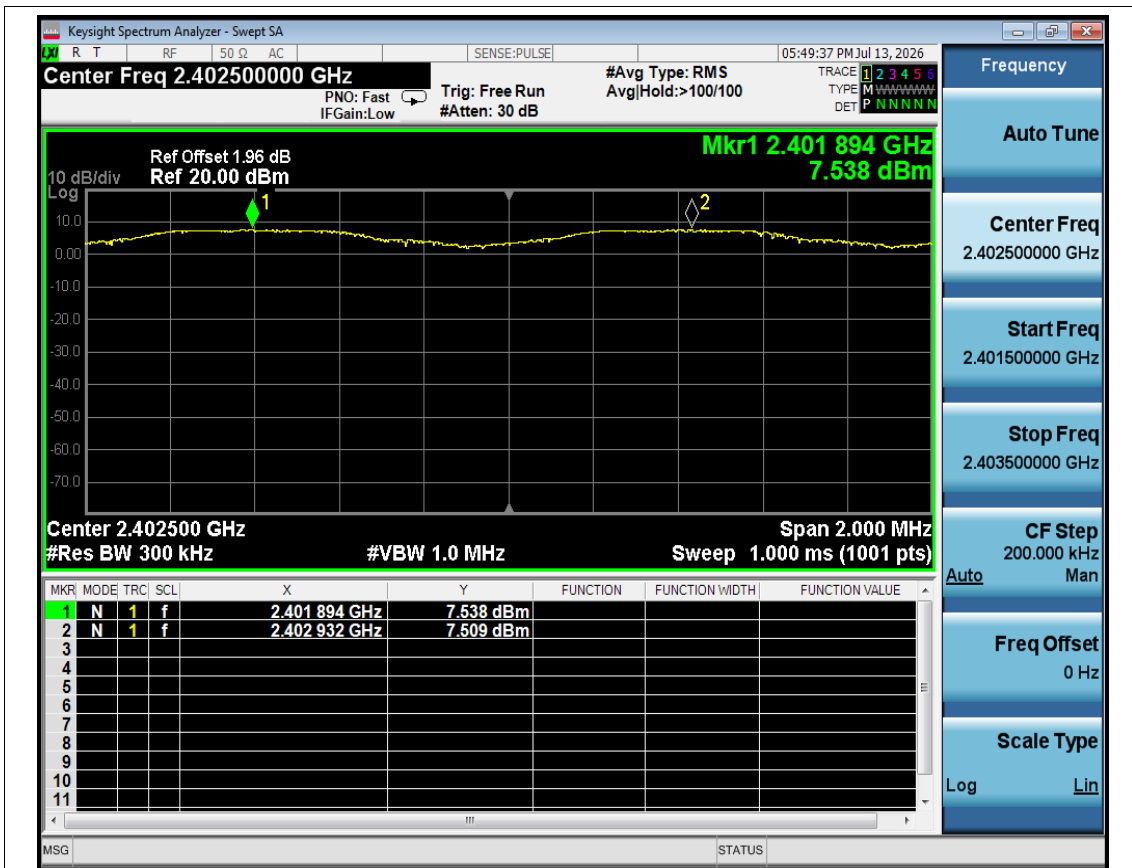
CFS NVNT 2-DH1 2402MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



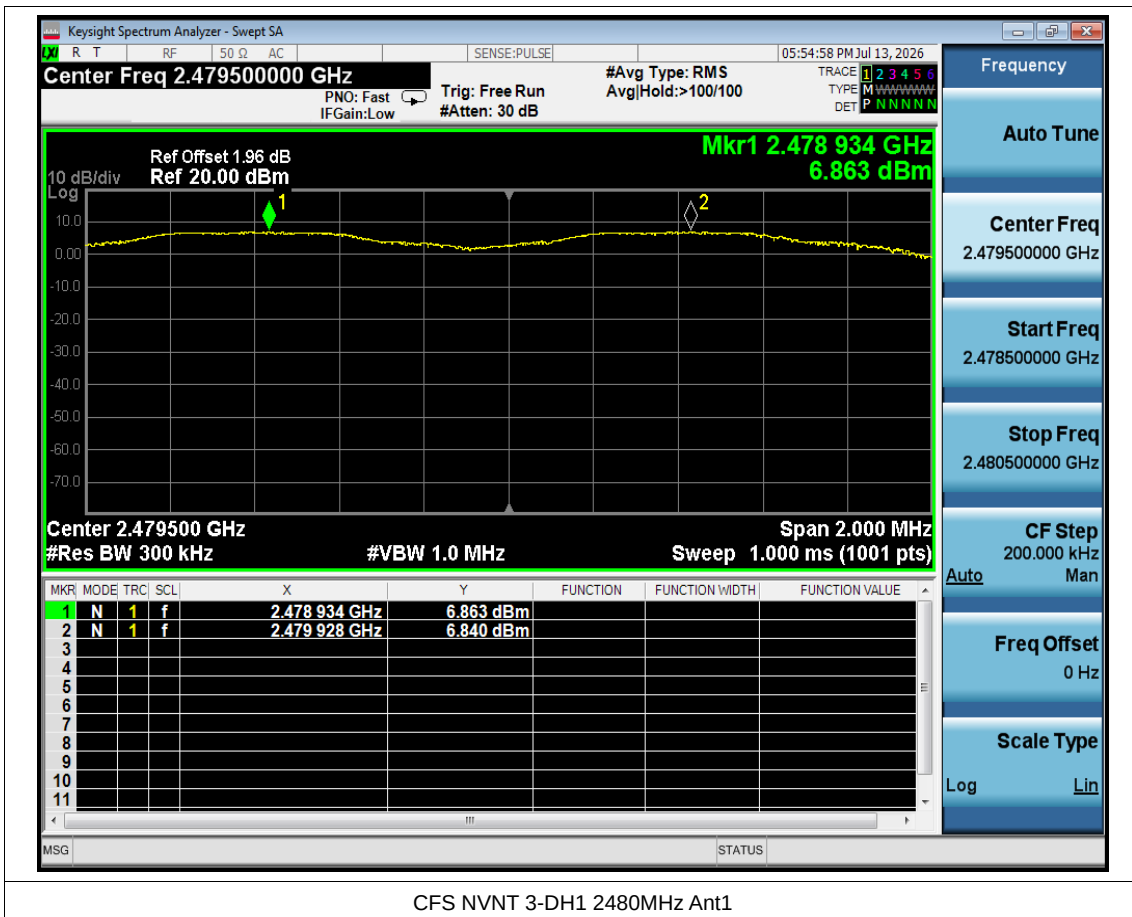
CFS NVNT 2-DH1 2480MHz Ant1



CFS NVNT 3-DH1 2402MHz Ant1

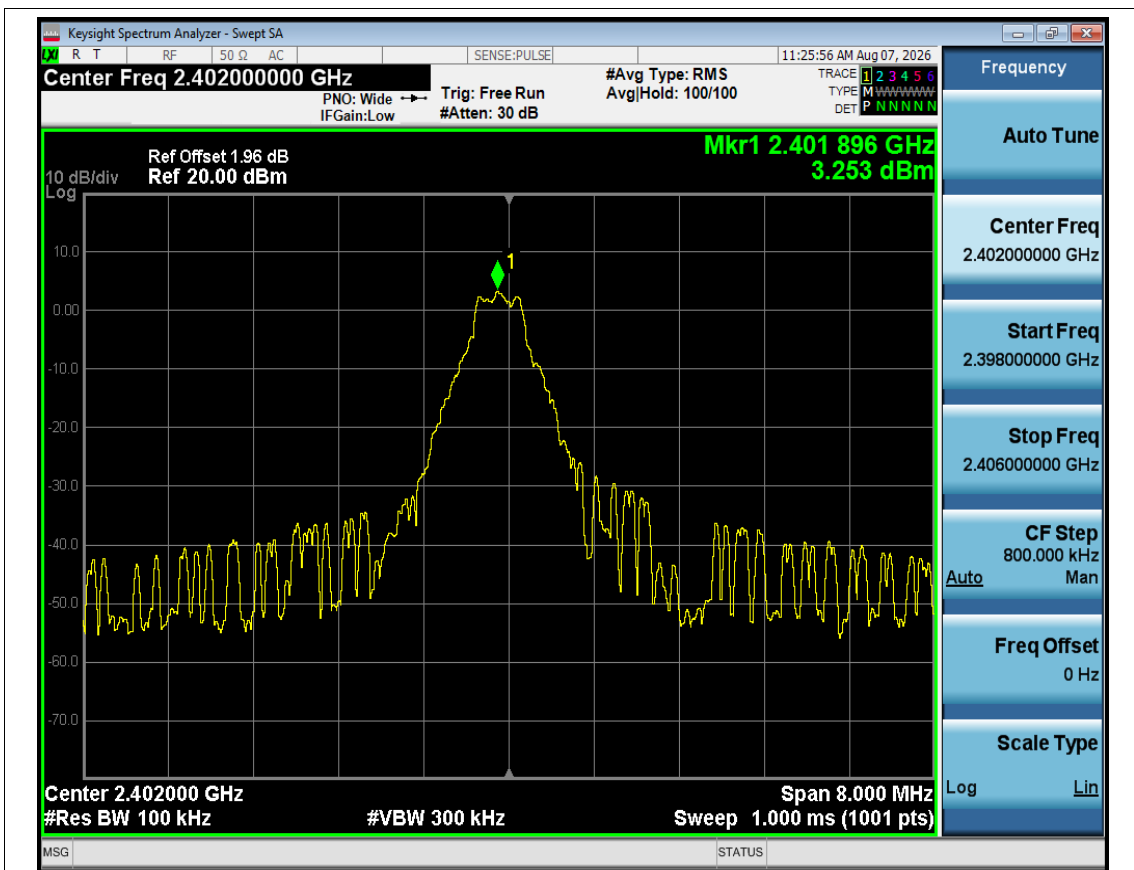


CFS NVNT 3-DH1 2441MHz Ant1

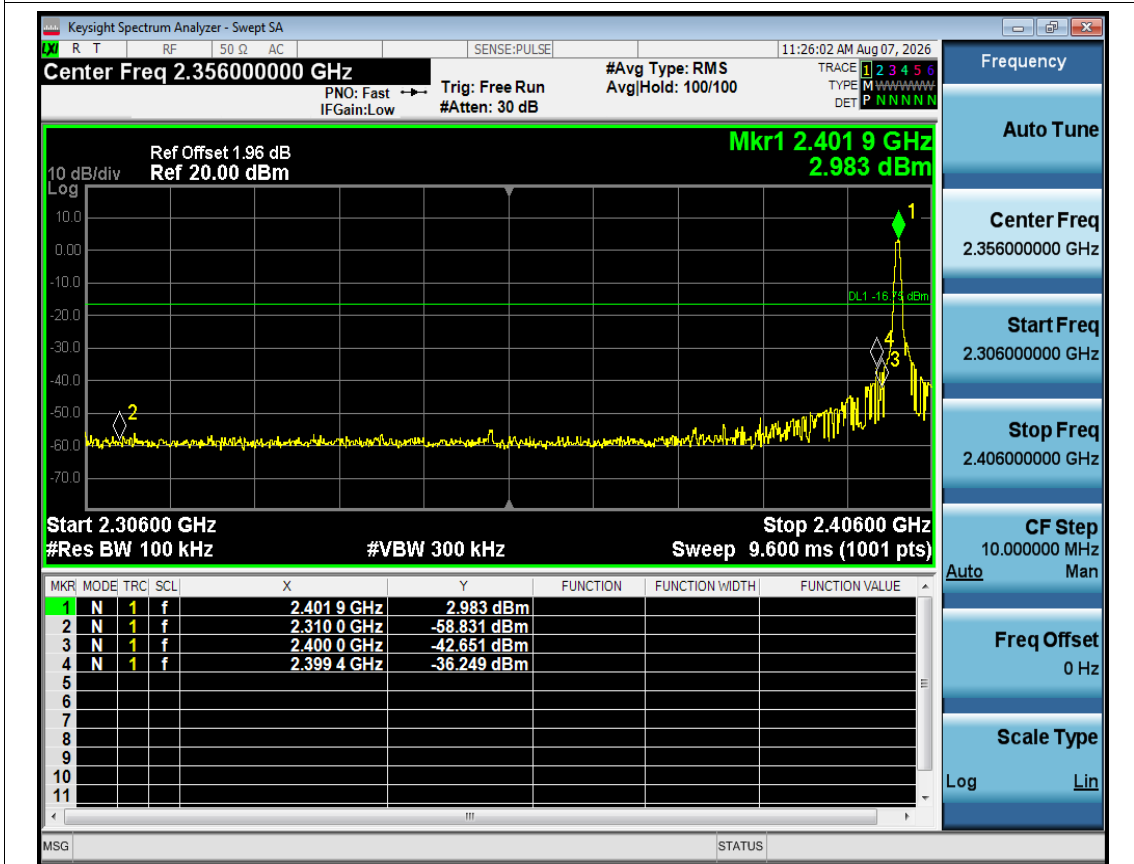


## Band Edge

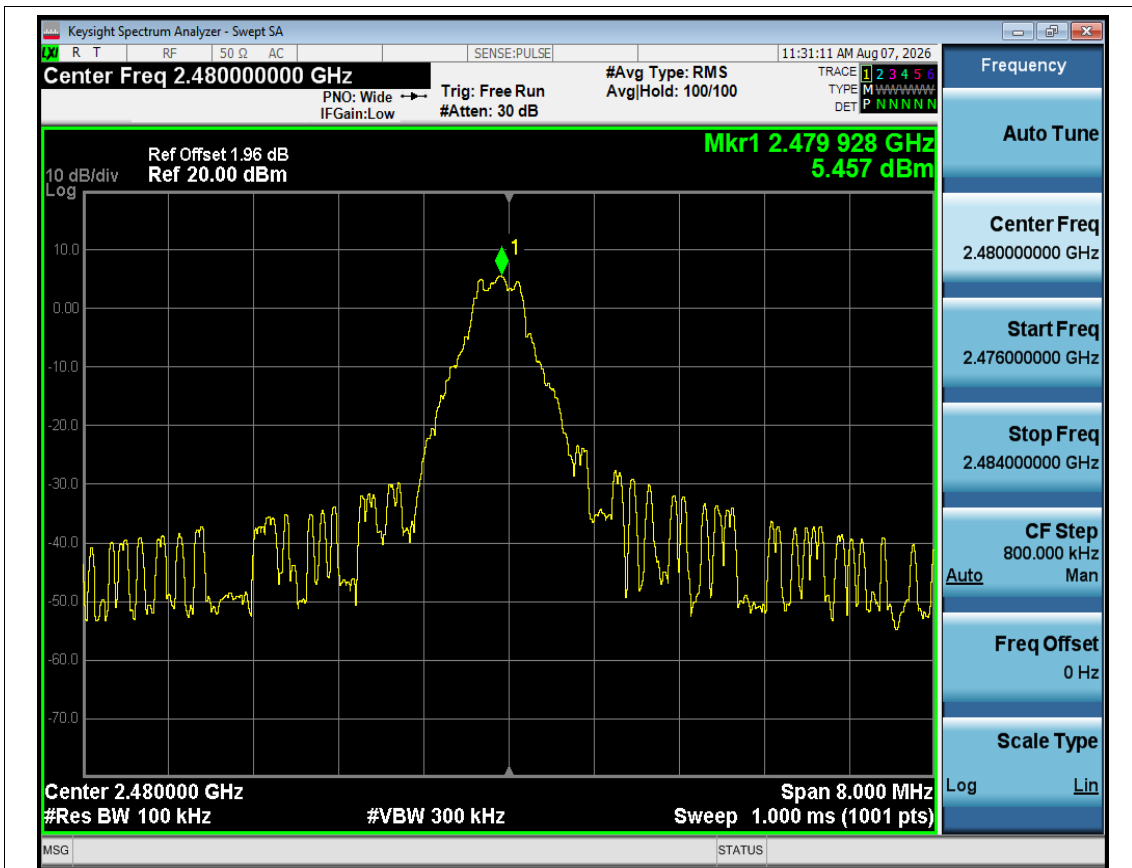
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Hopping Mode | Max Value<br>(dBc) | Limit<br>(dBc) | Verdict |
|-----------|-------|--------------------|---------|--------------|--------------------|----------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | No-Hopping   | -39.49             | -20            | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | No-Hopping   | -44.09             | -20            | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | No-Hopping   | -40.96             | -20            | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | No-Hopping   | -43.96             | -20            | Pass    |
| NVNT      | 3-DH1 | 2402               | Ant1    | No-Hopping   | -38.67             | -20            | Pass    |
| NVNT      | 3-DH1 | 2480               | Ant1    | No-Hopping   | -45.09             | -20            | Pass    |



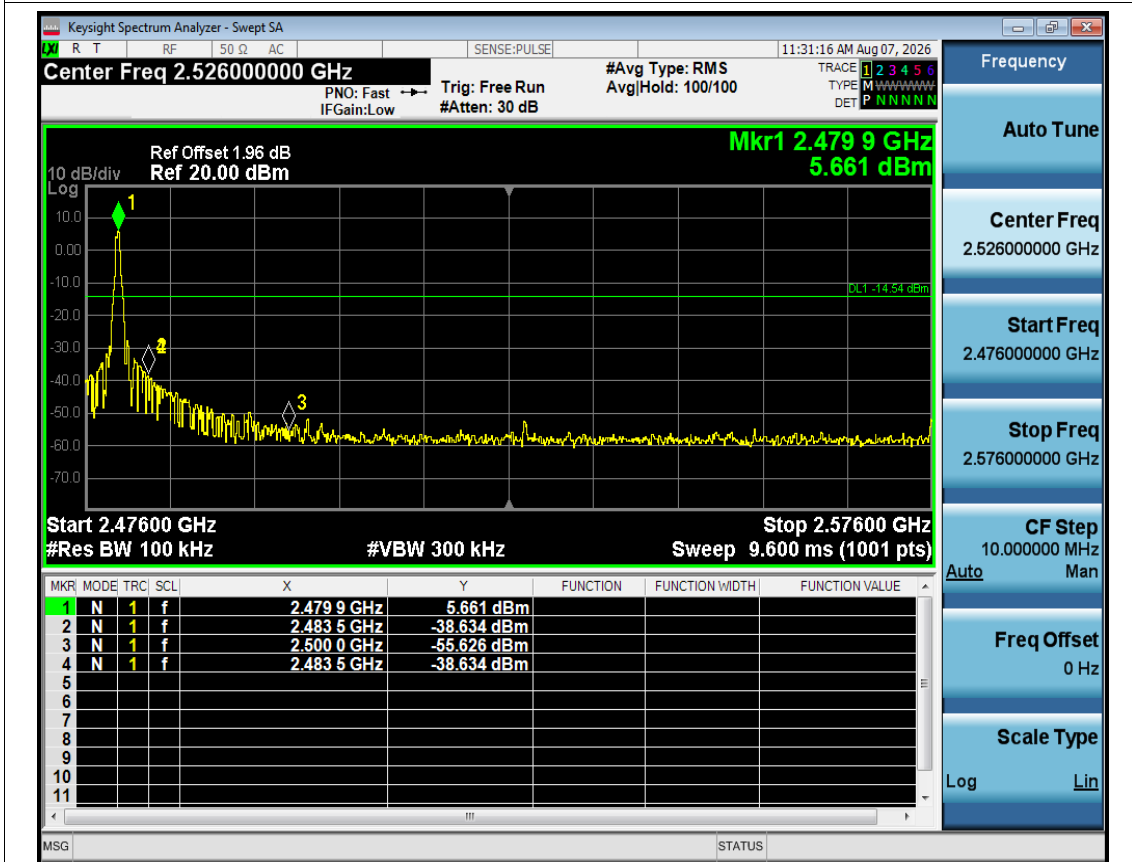
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



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



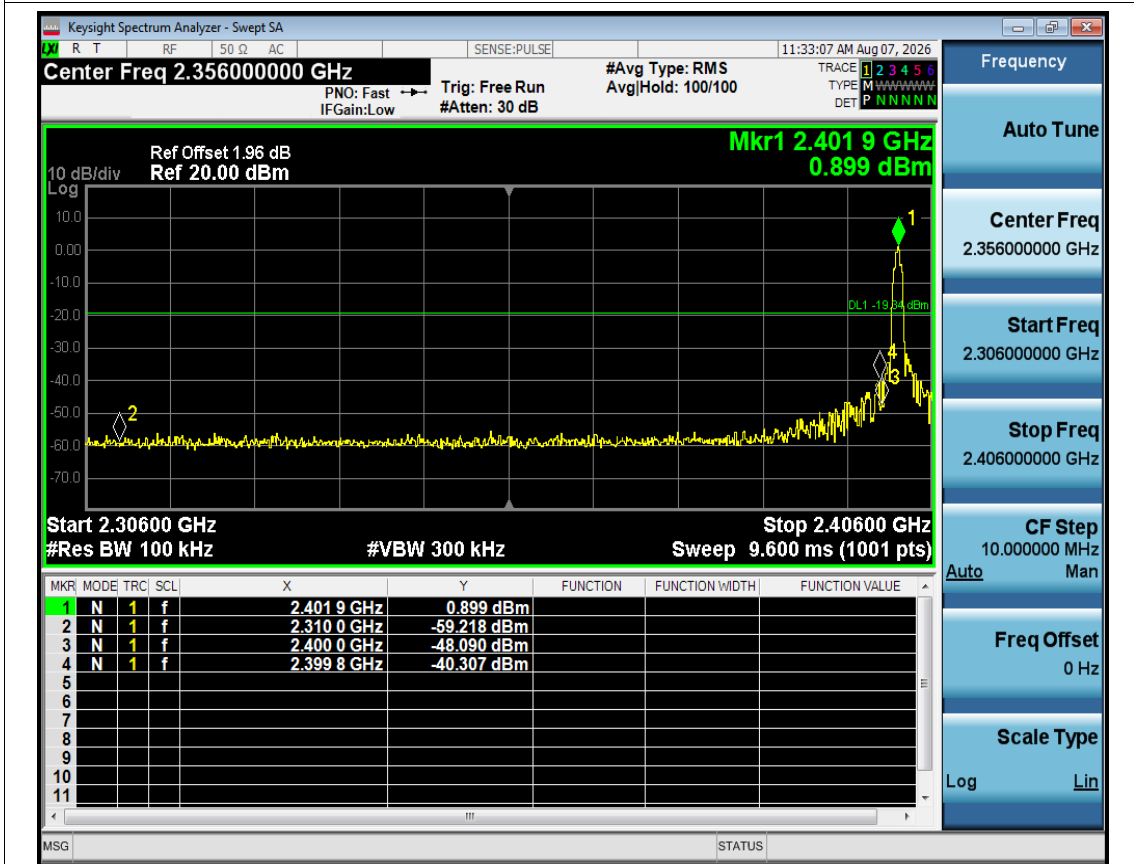
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



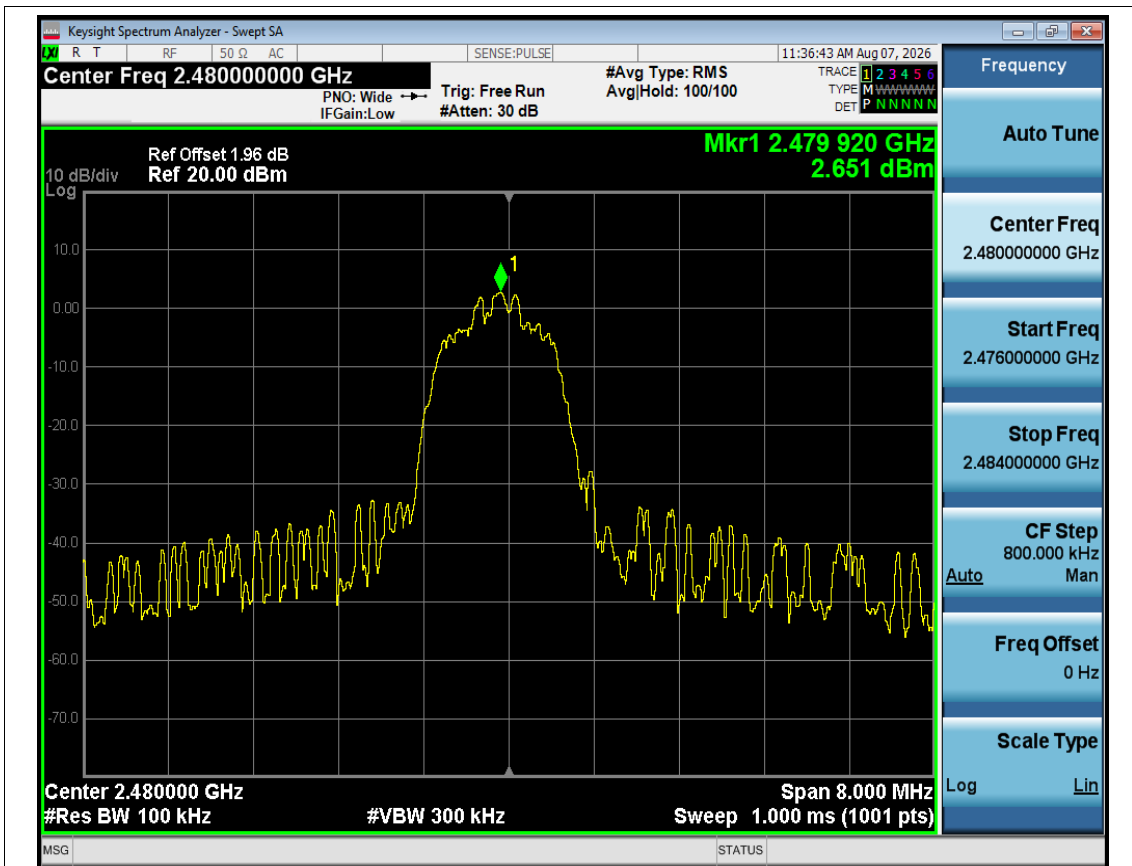
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



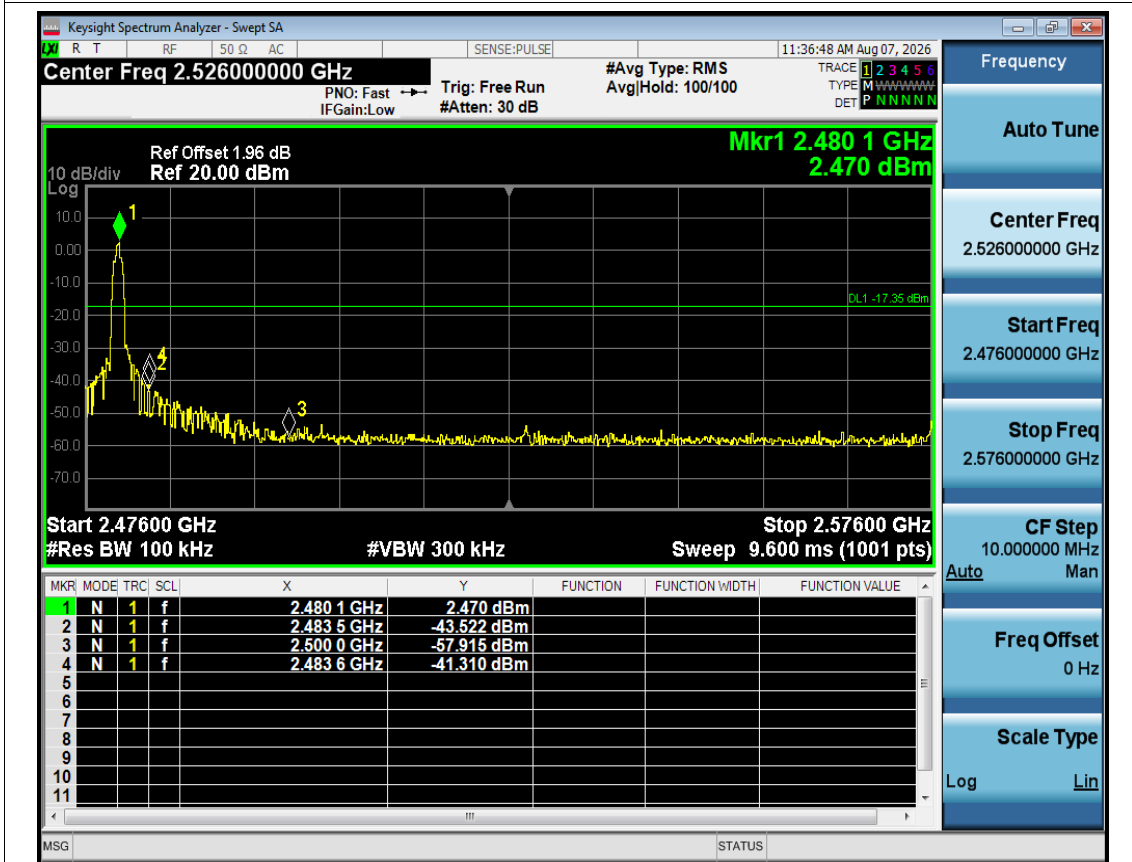
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



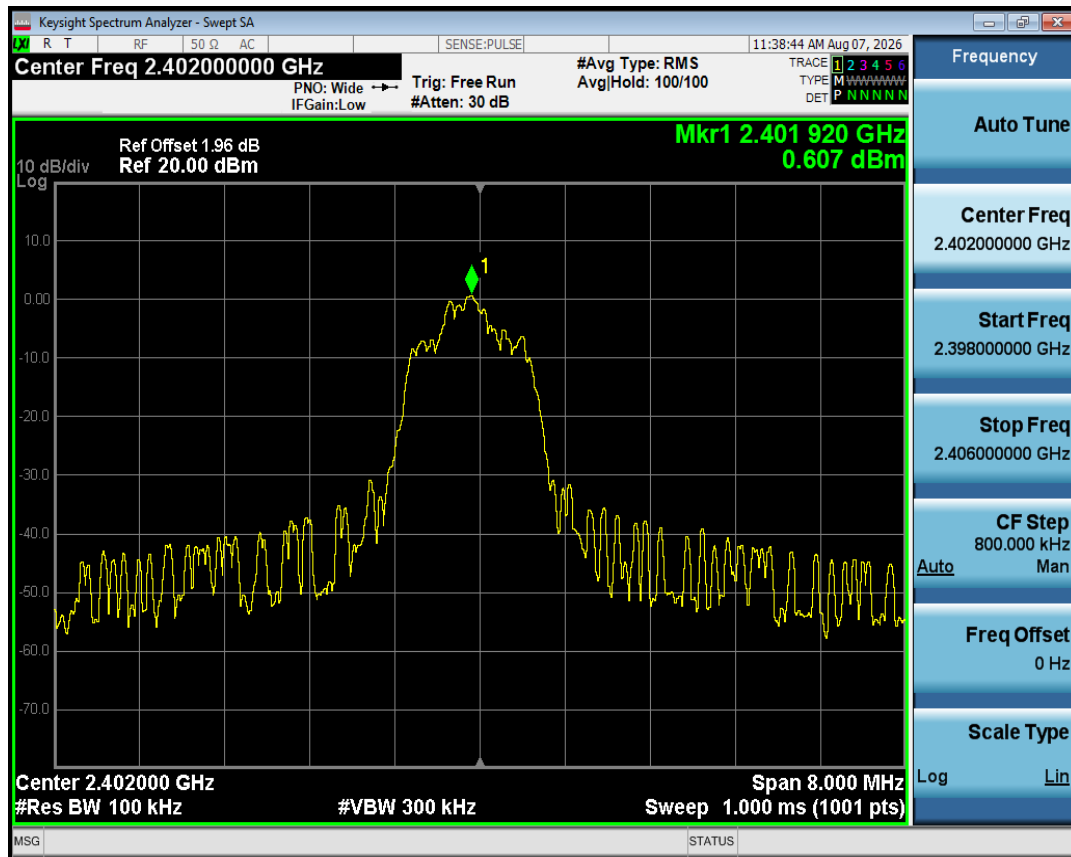
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



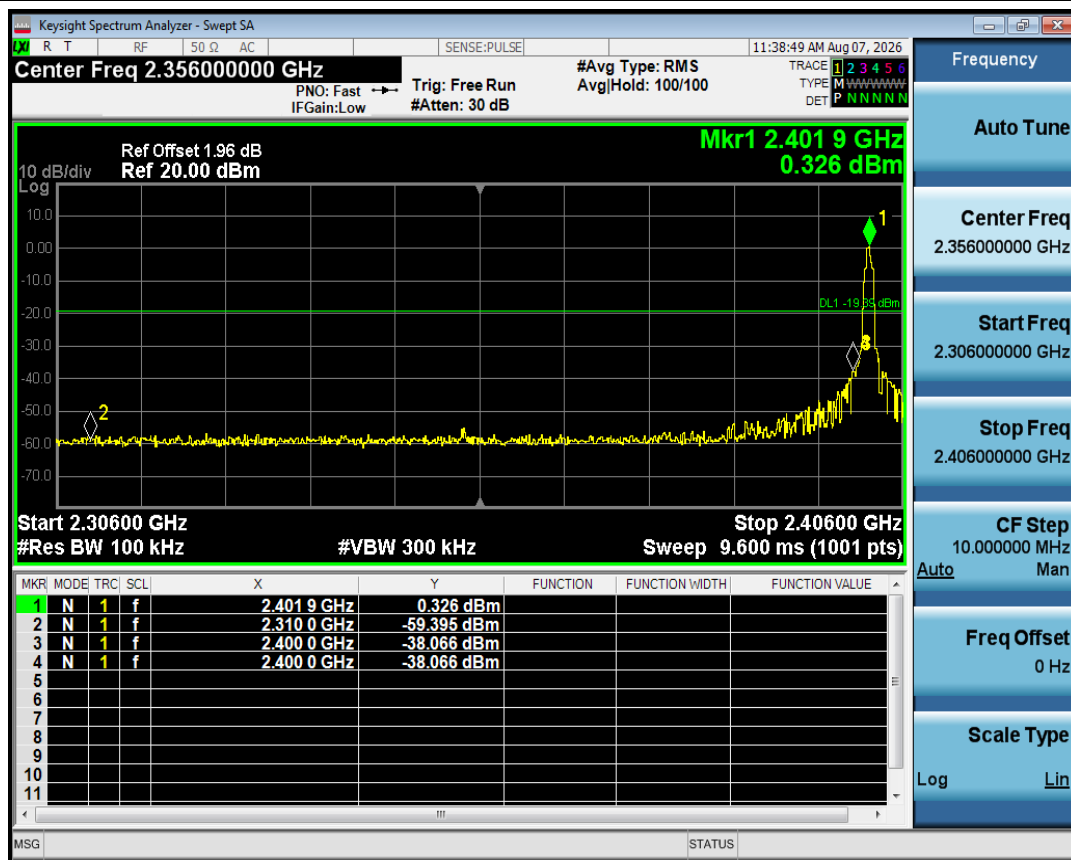
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



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



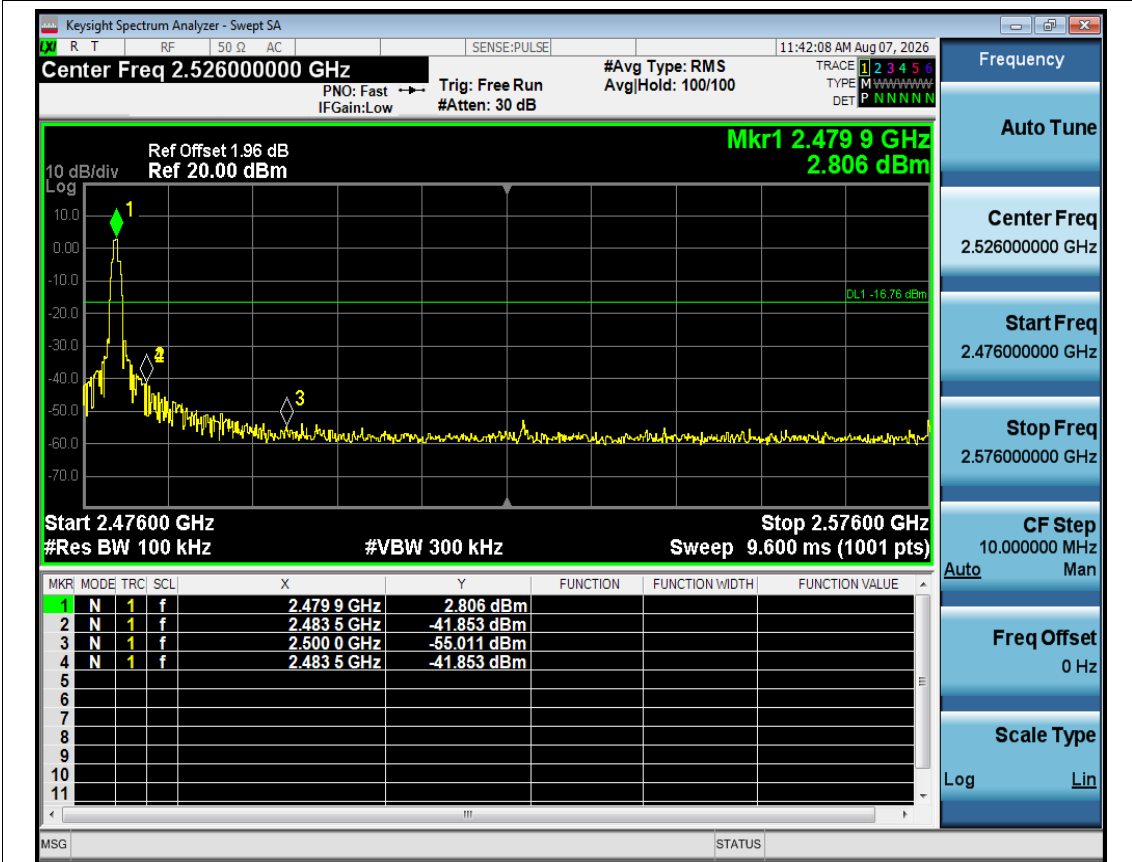
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



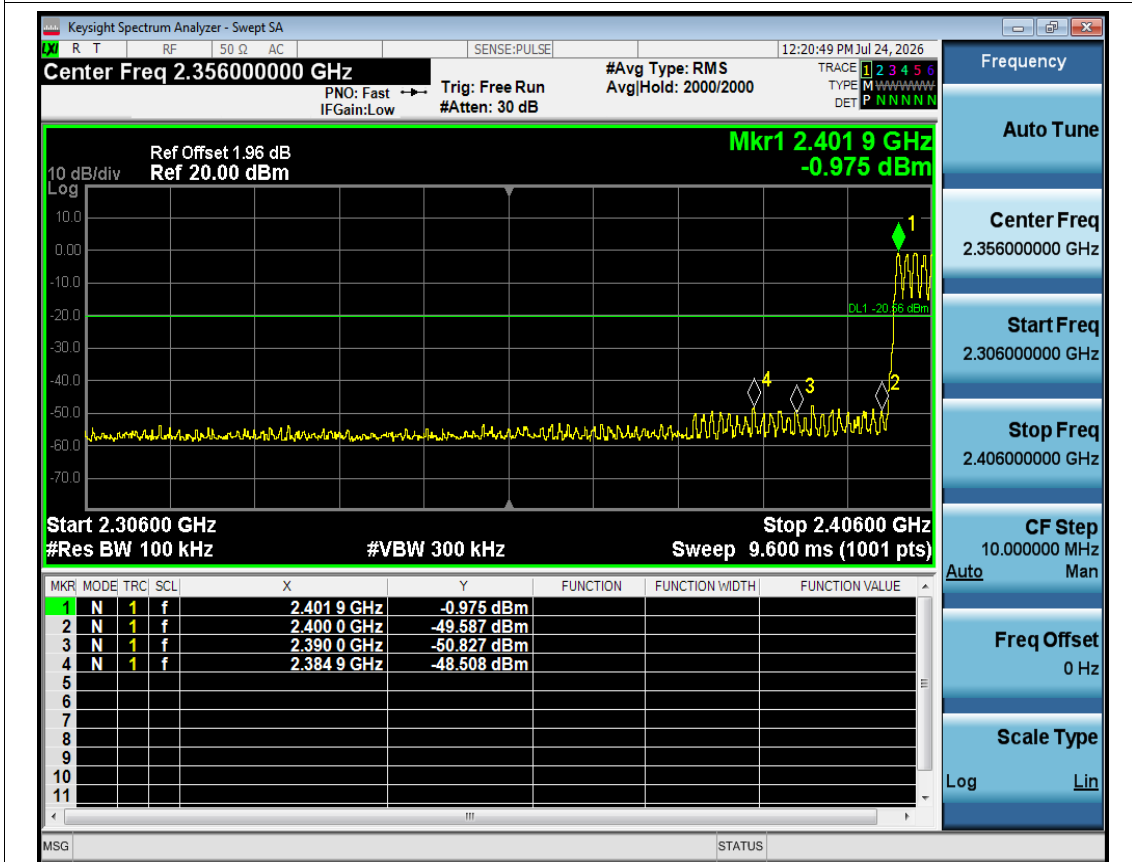
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

## Band Edge(Hopping)

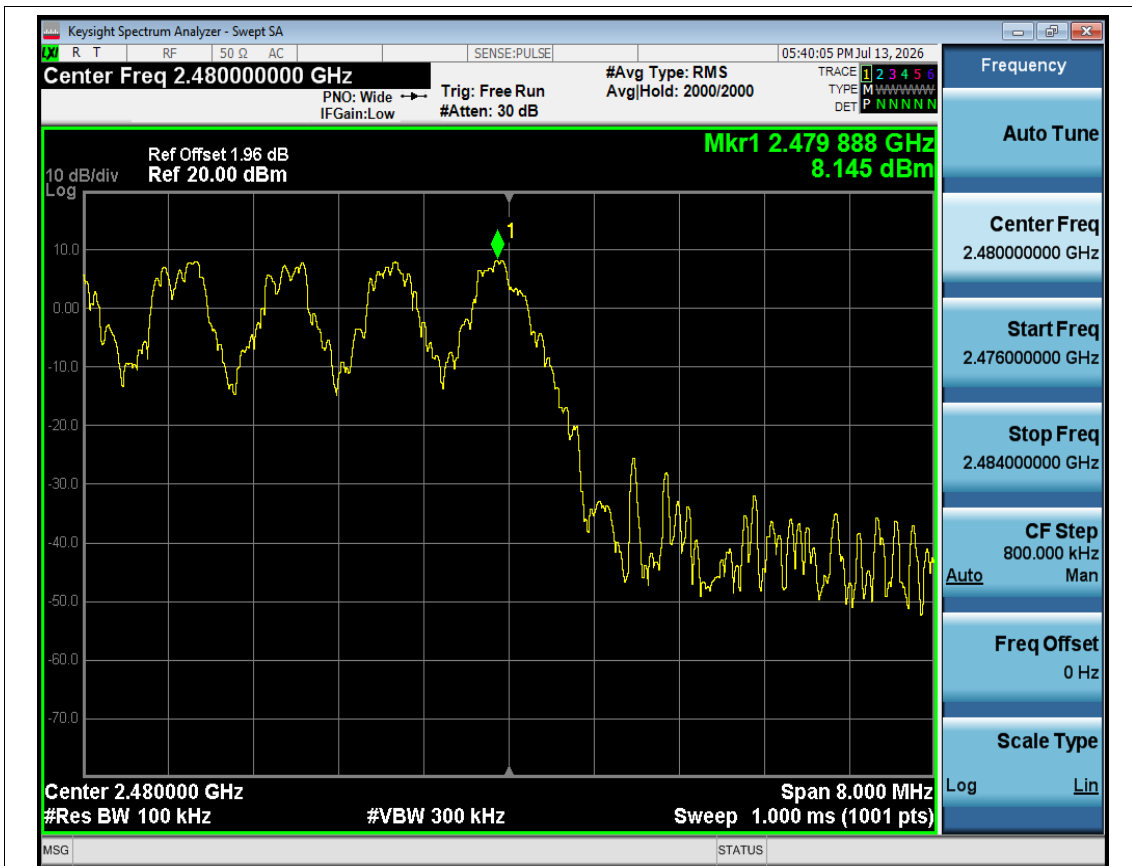
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Hopping<br>Mode | Max Value<br>(dBc) | Limit<br>(dBc) | Verdict |
|-----------|-------|--------------------|---------|-----------------|--------------------|----------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | Hopping         | -47.94             | -20            | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | Hopping         | -44.52             | -20            | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | Hopping         | -53.74             | -20            | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | Hopping         | -47.1              | -20            | Pass    |
| NVNT      | 3-DH1 | 2402               | Ant1    | Hopping         | -47.57             | -20            | Pass    |
| NVNT      | 3-DH1 | 2480               | Ant1    | Hopping         | -45.39             | -20            | Pass    |



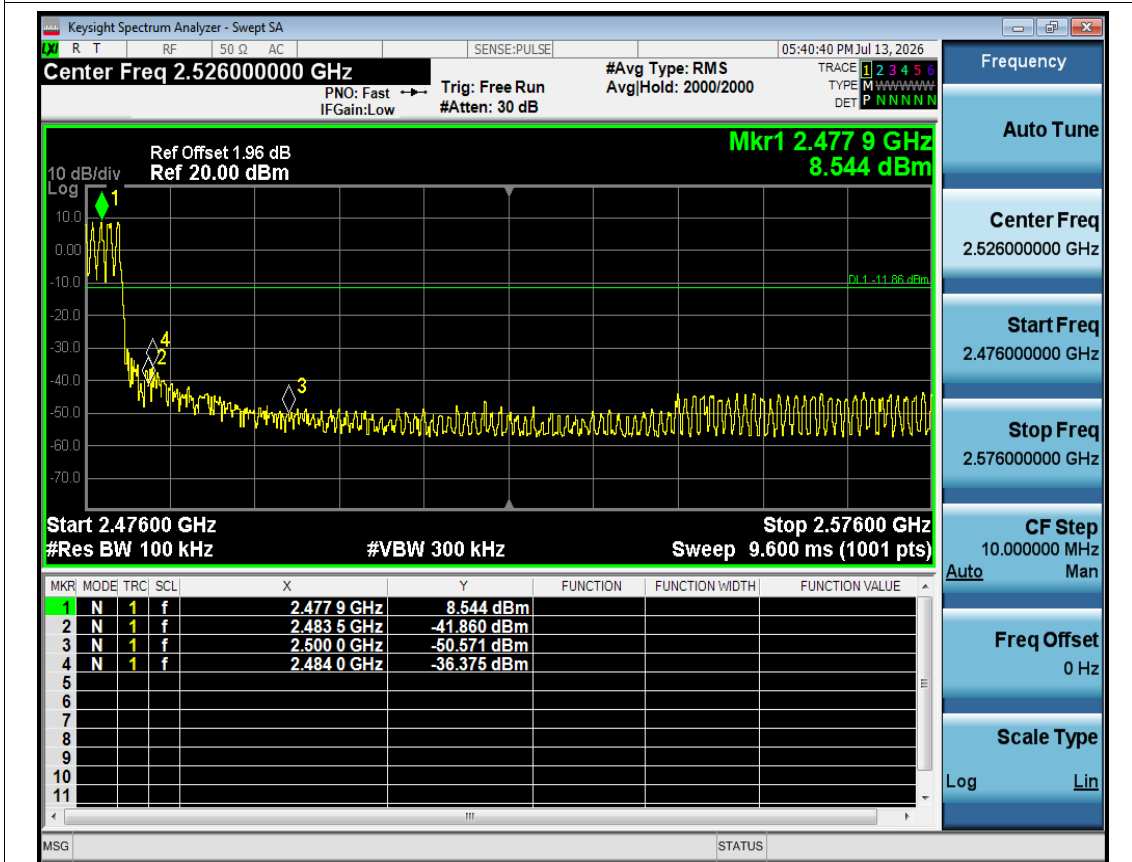
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



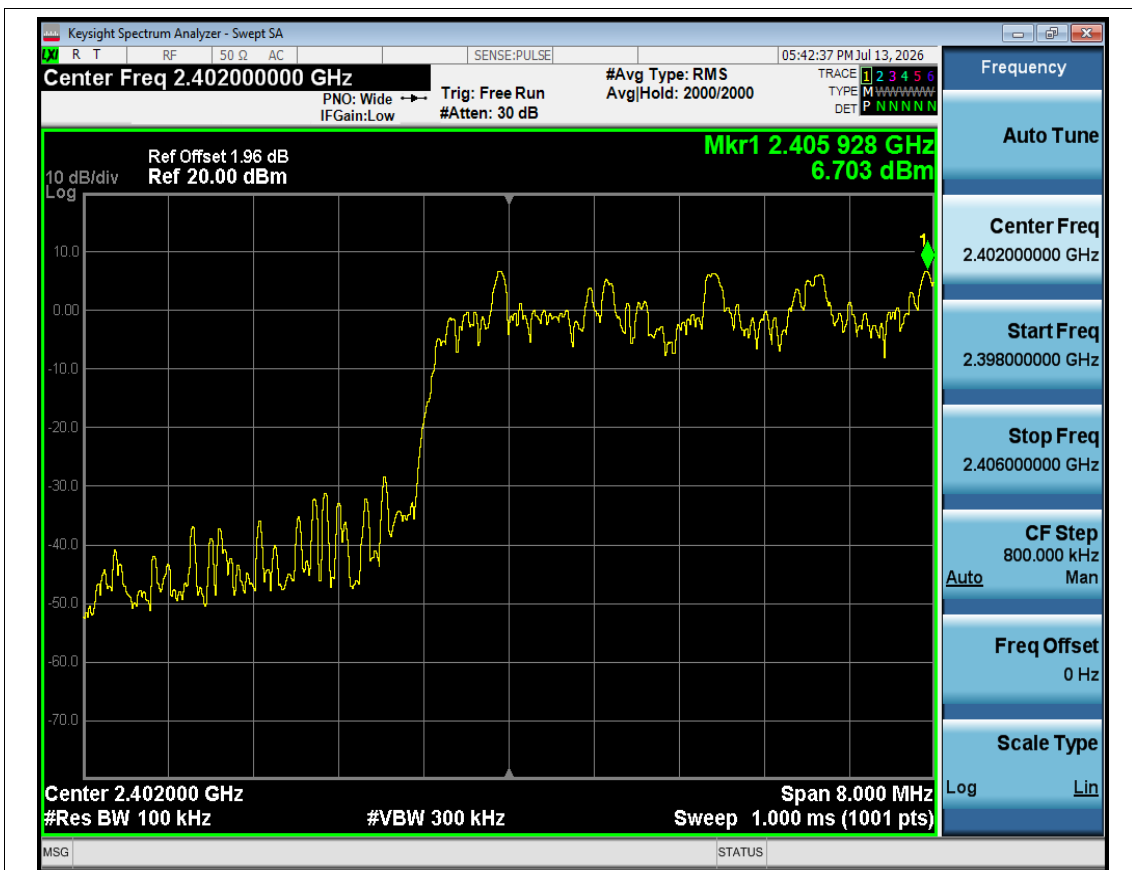
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



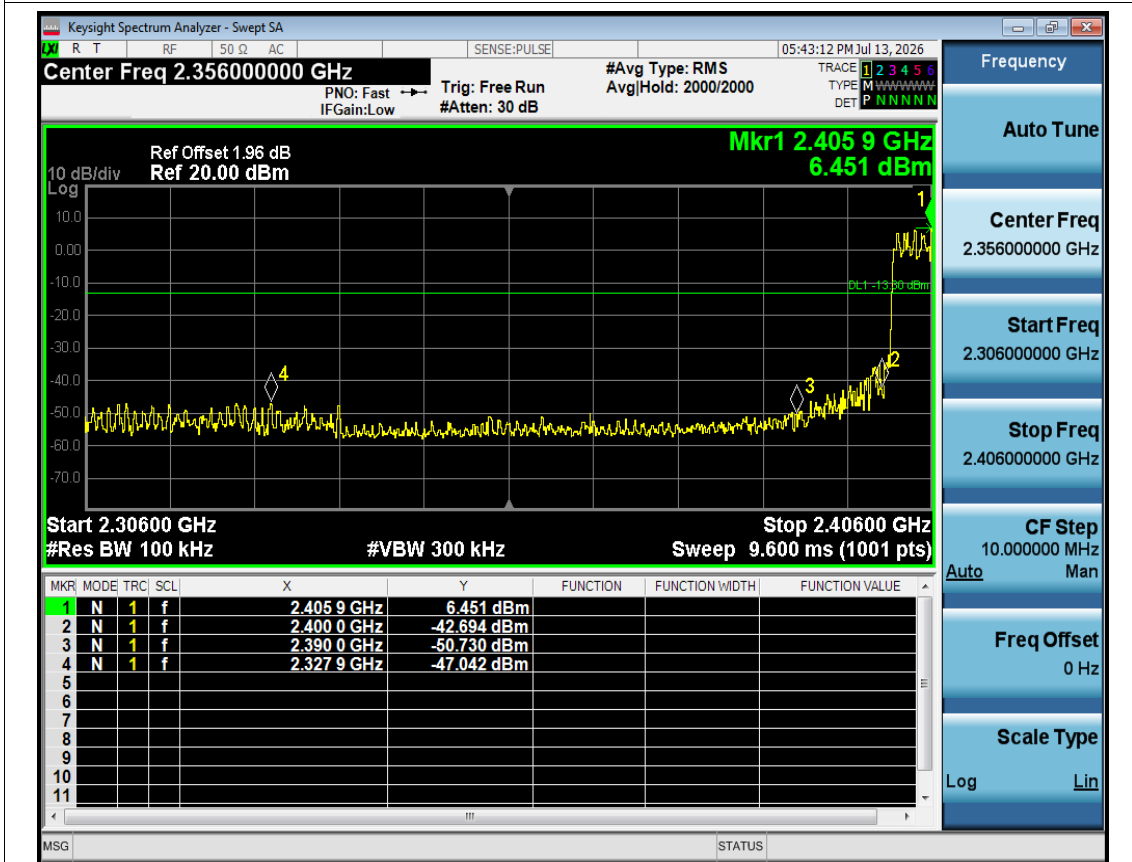
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



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



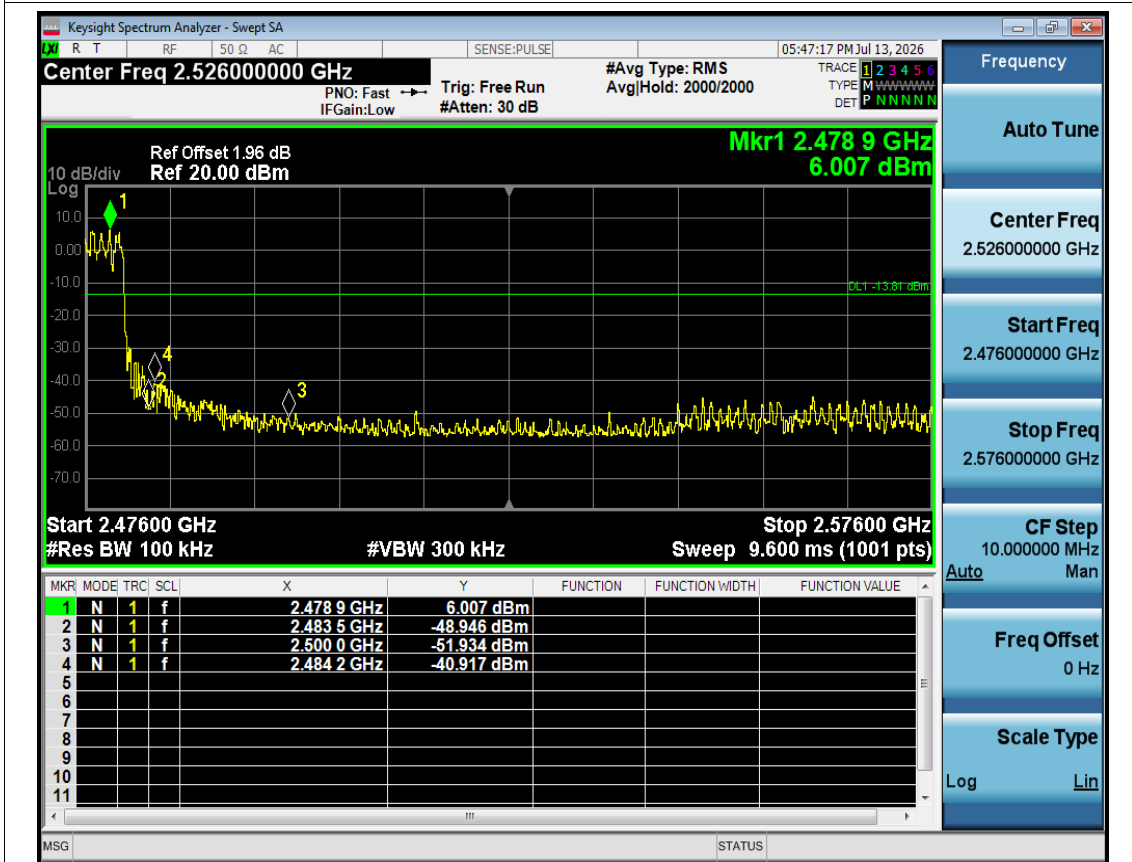
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



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



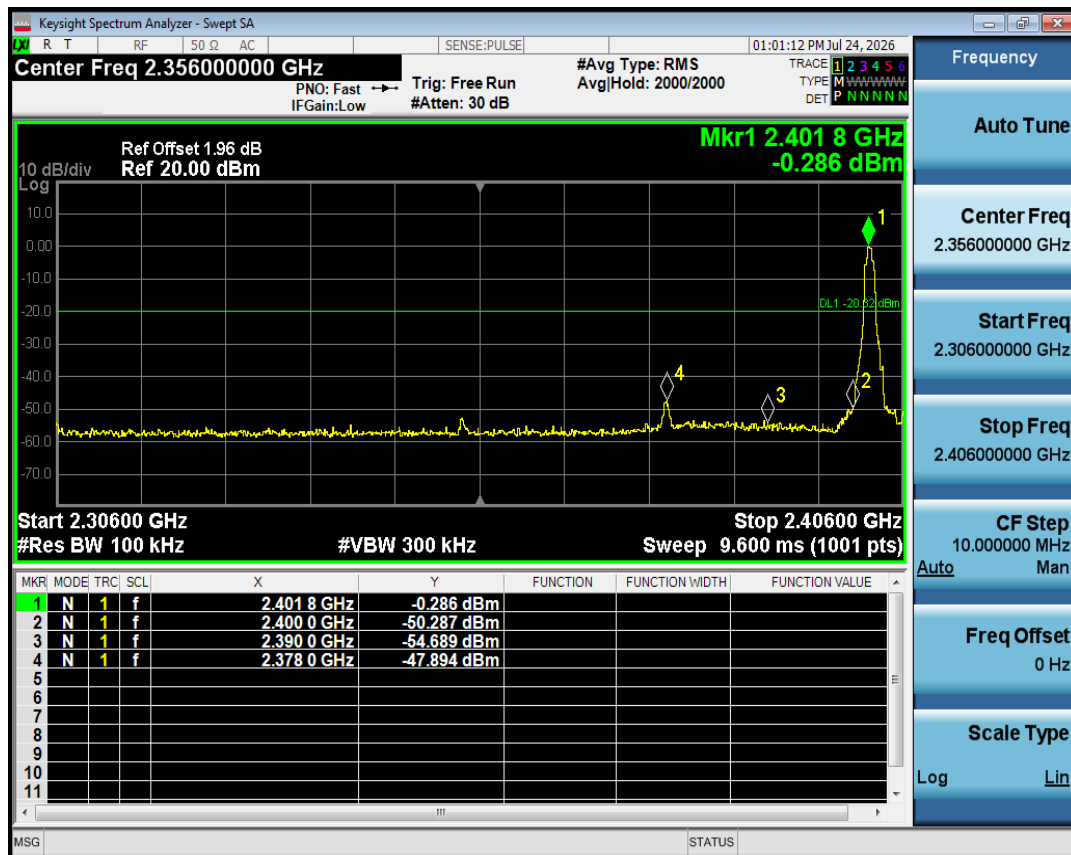
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



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



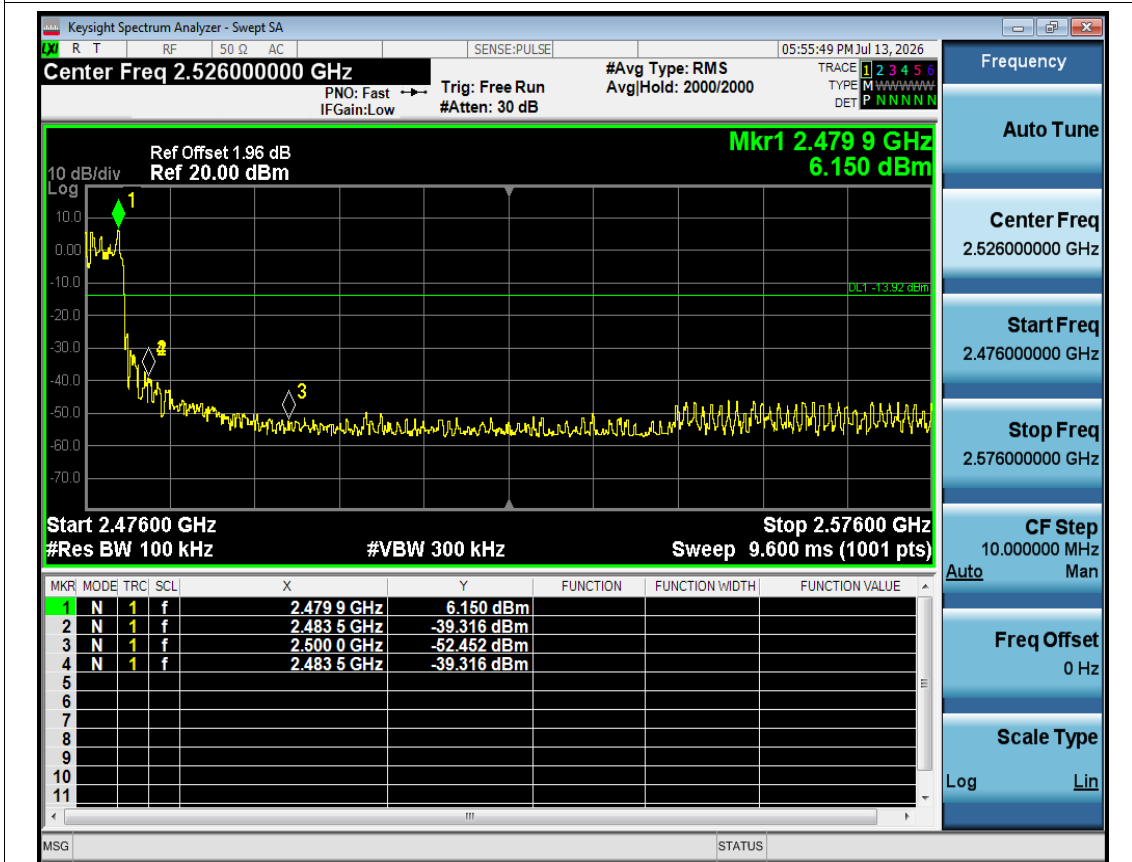
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



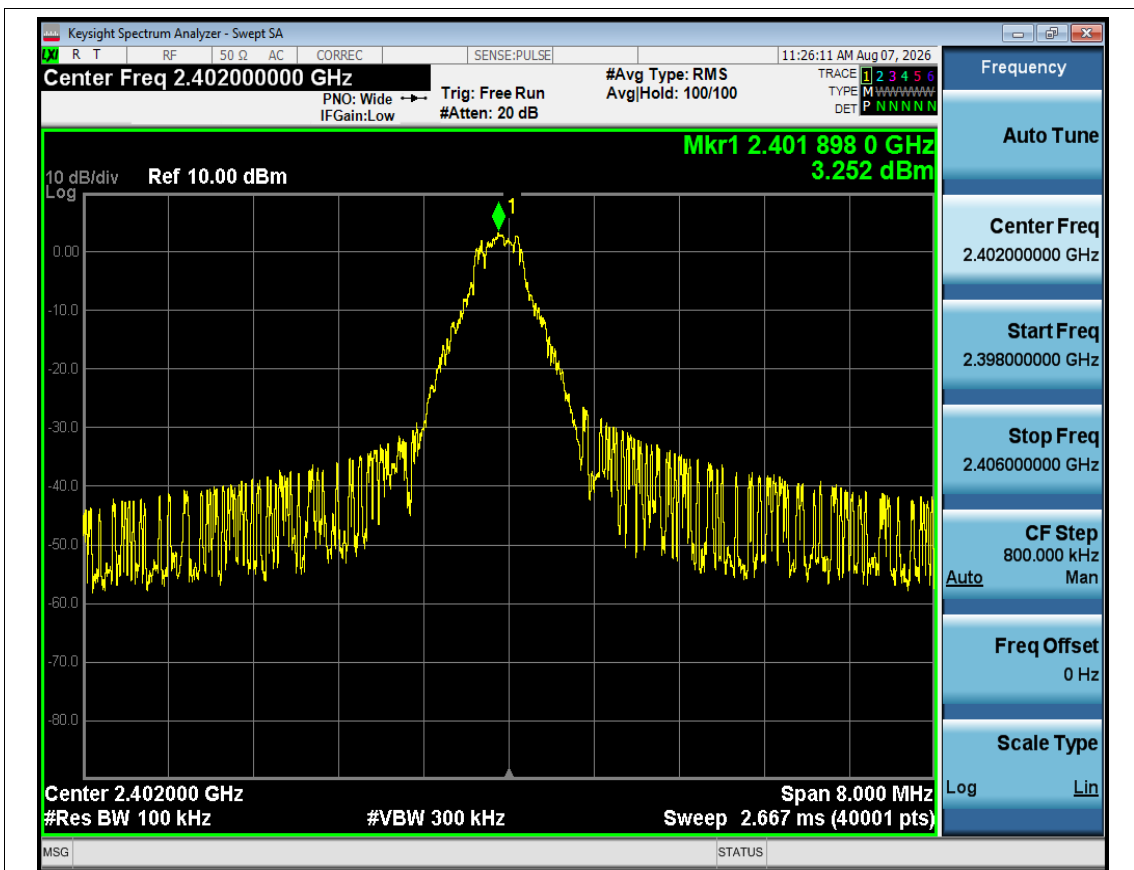
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



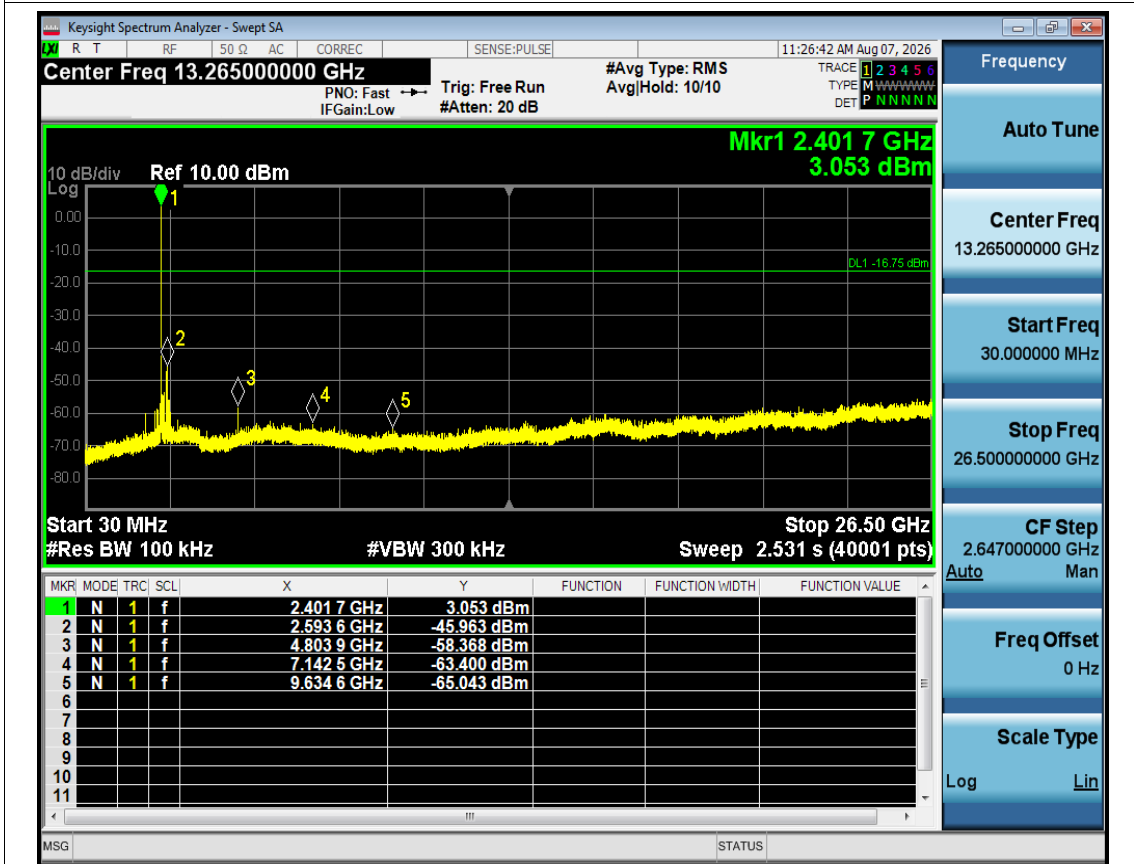
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

## Conducted RF Spurious Emission

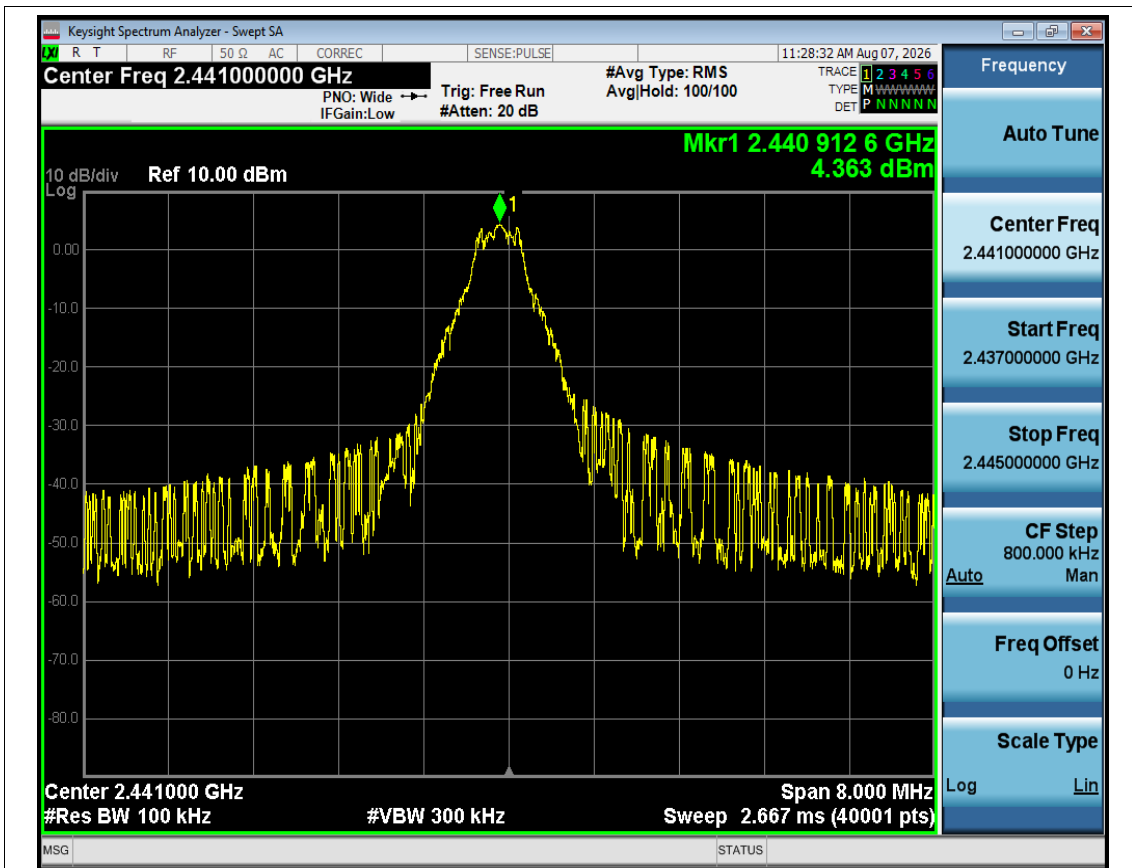
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -49.21          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -52.72          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -52.99          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -48.34          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -54.25          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -54.24          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -49.37          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -52.63          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -51.33          | -20         | Pass    |



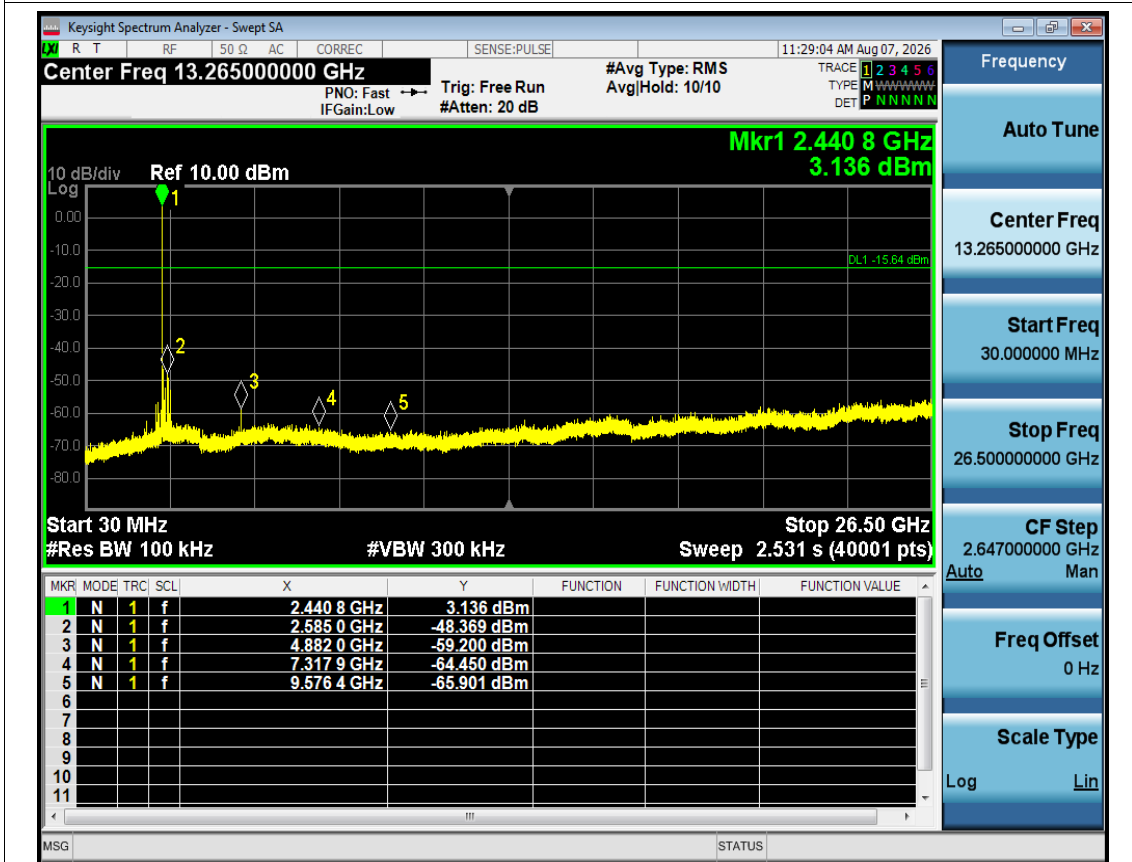
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



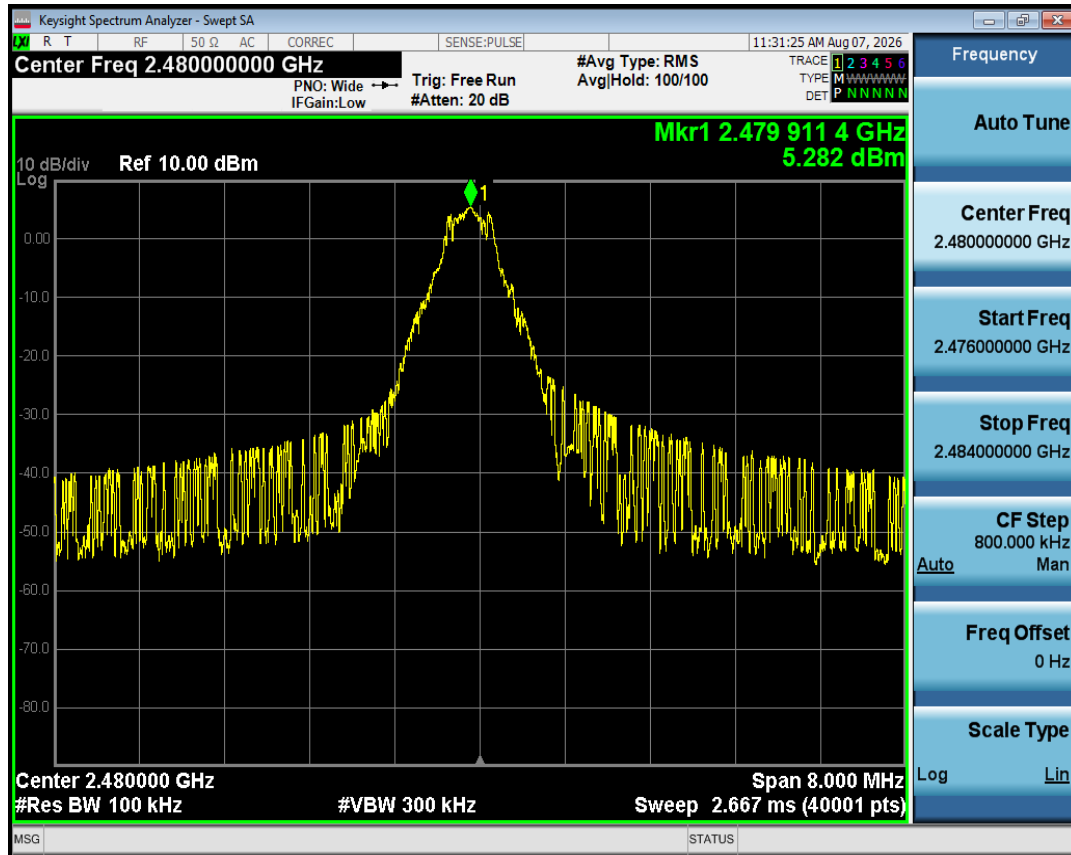
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



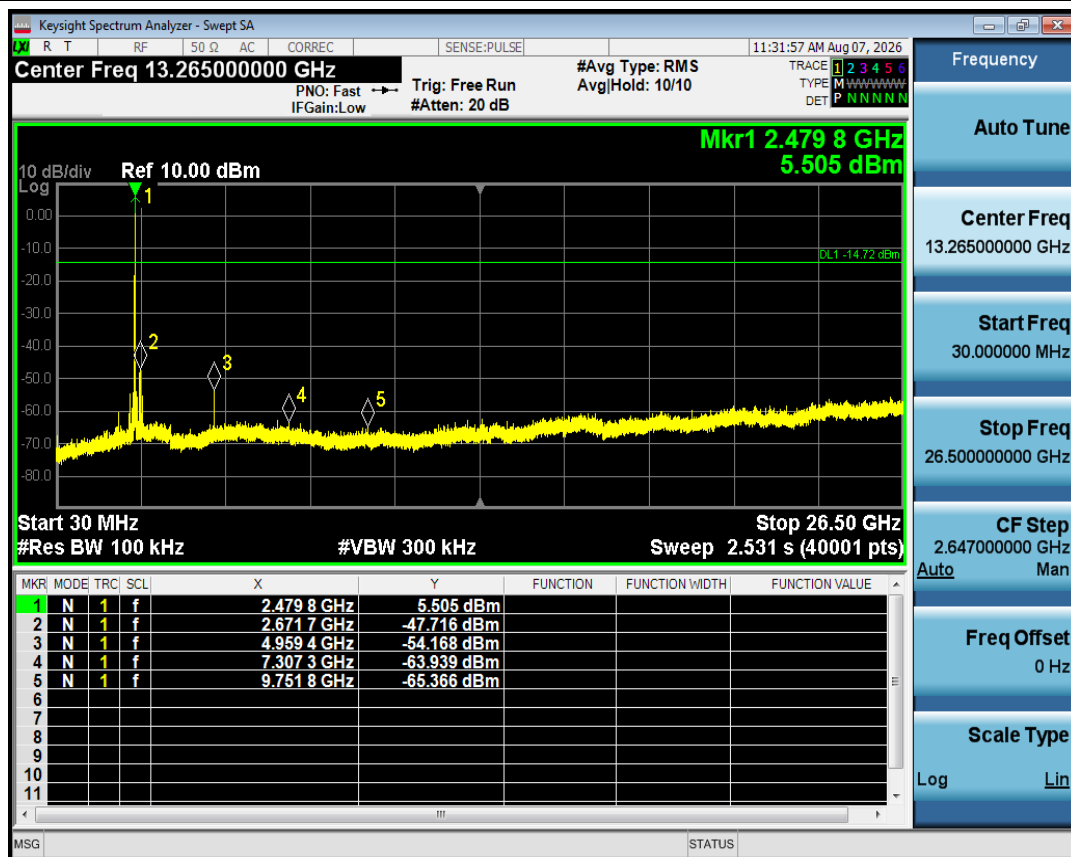
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



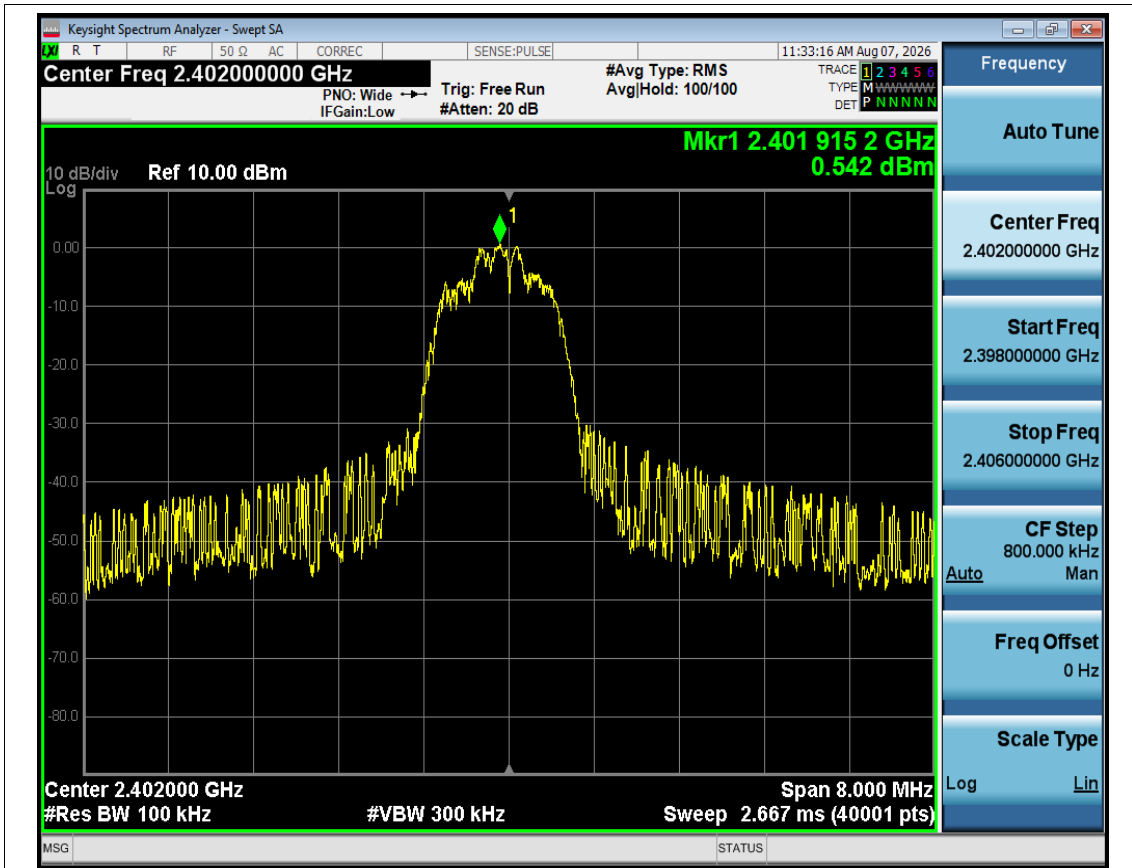
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



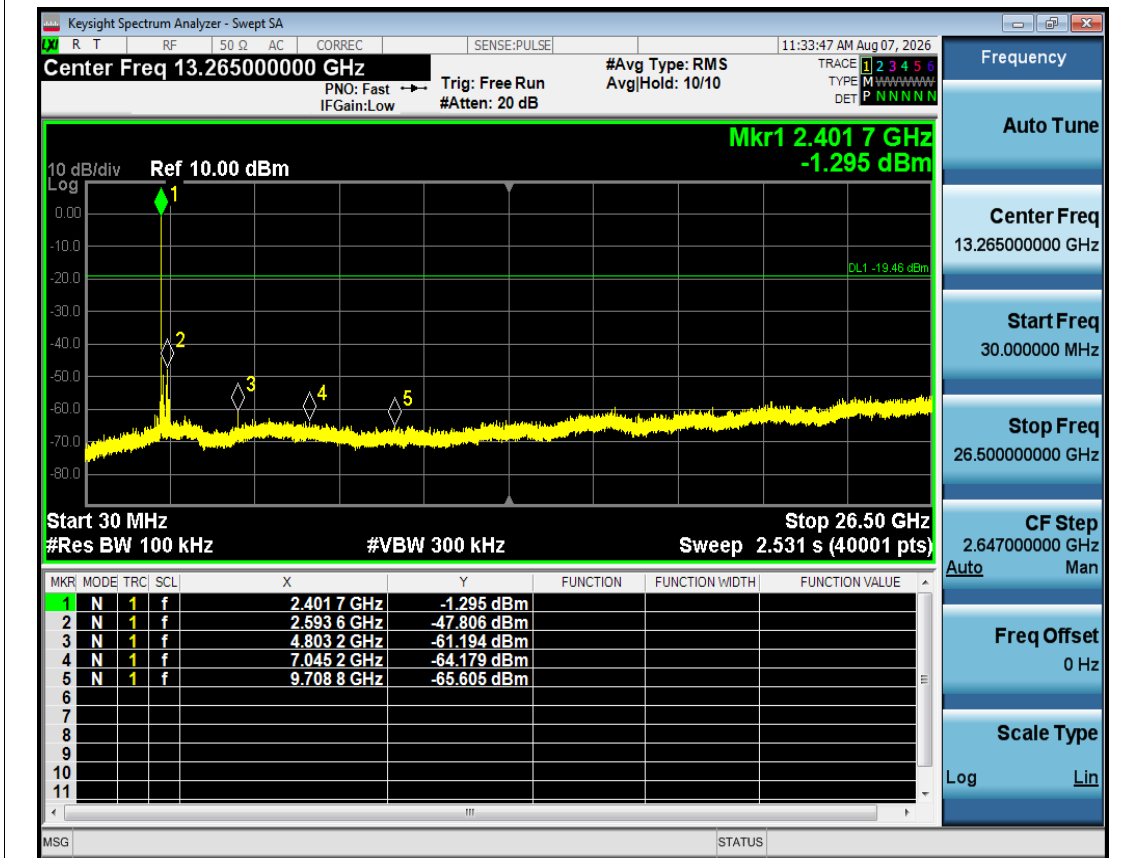
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



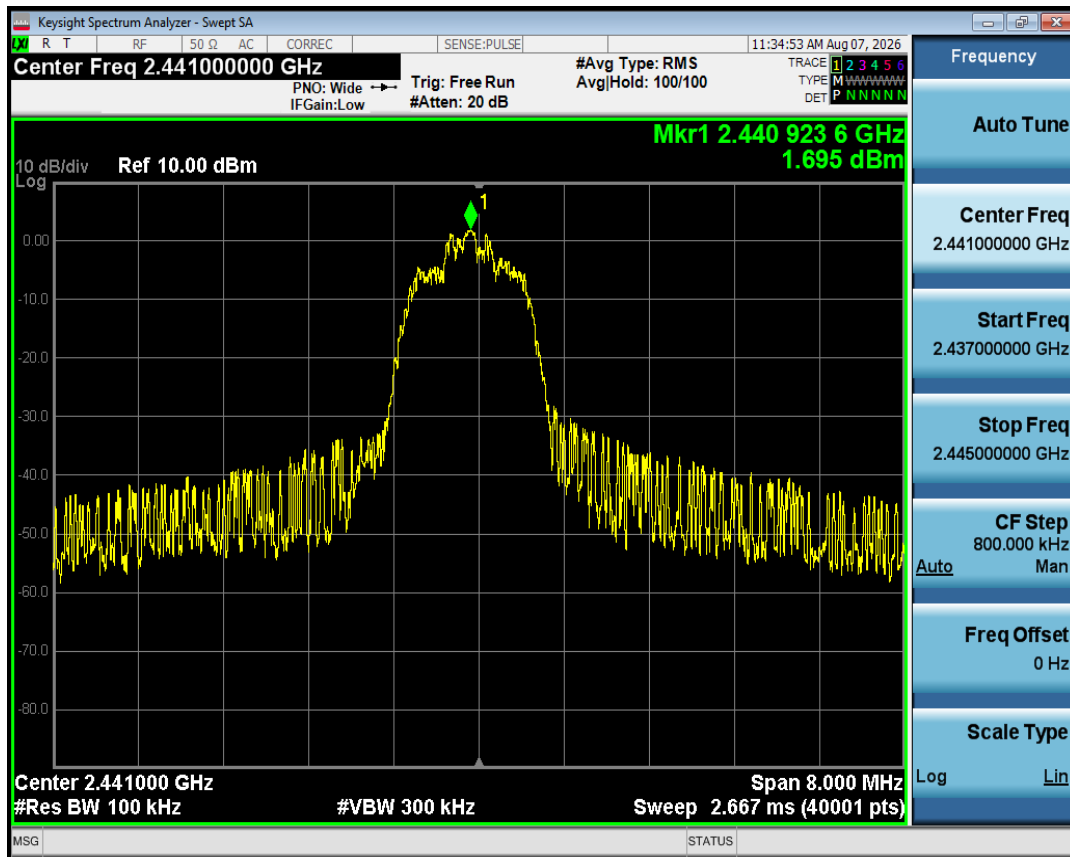
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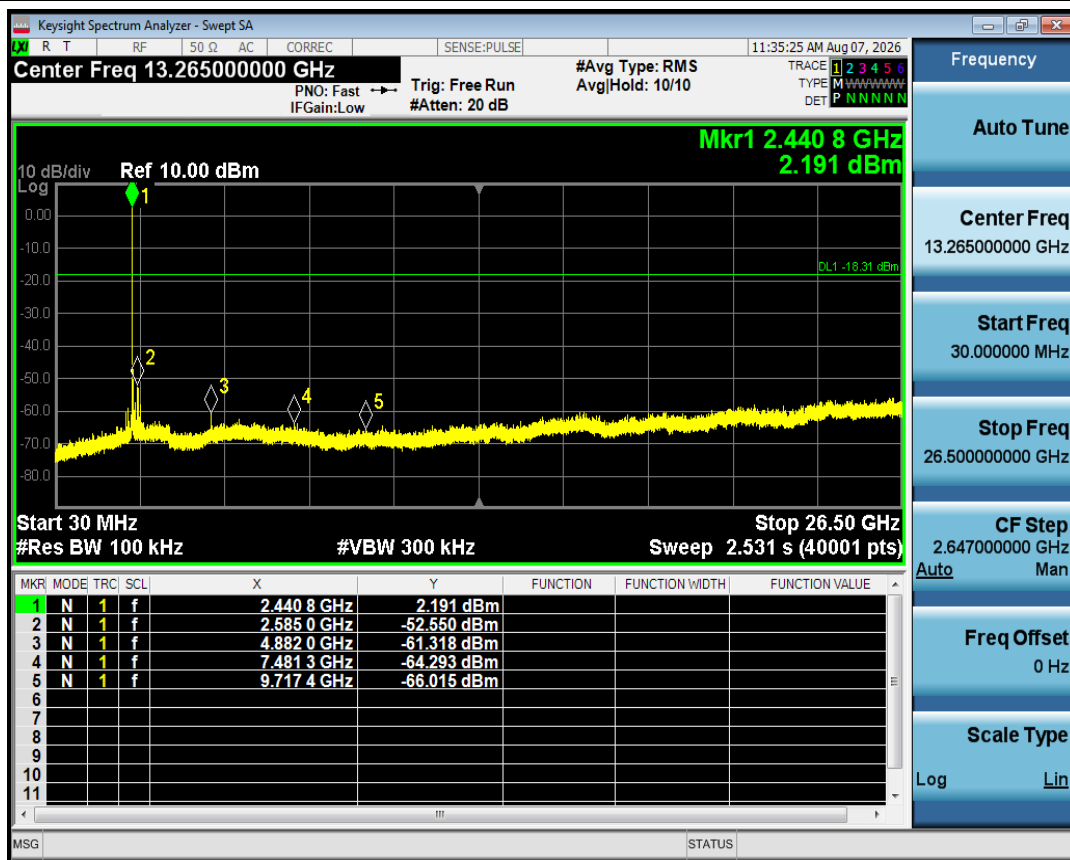
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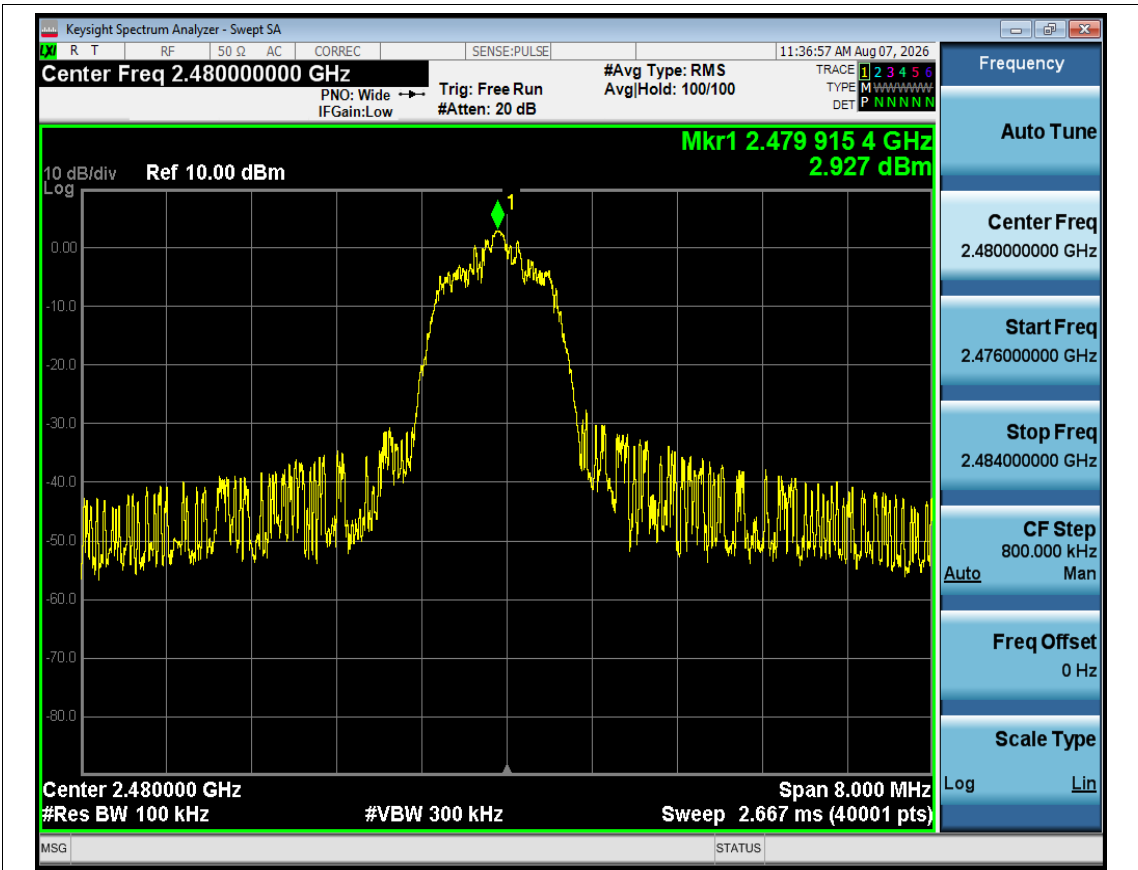
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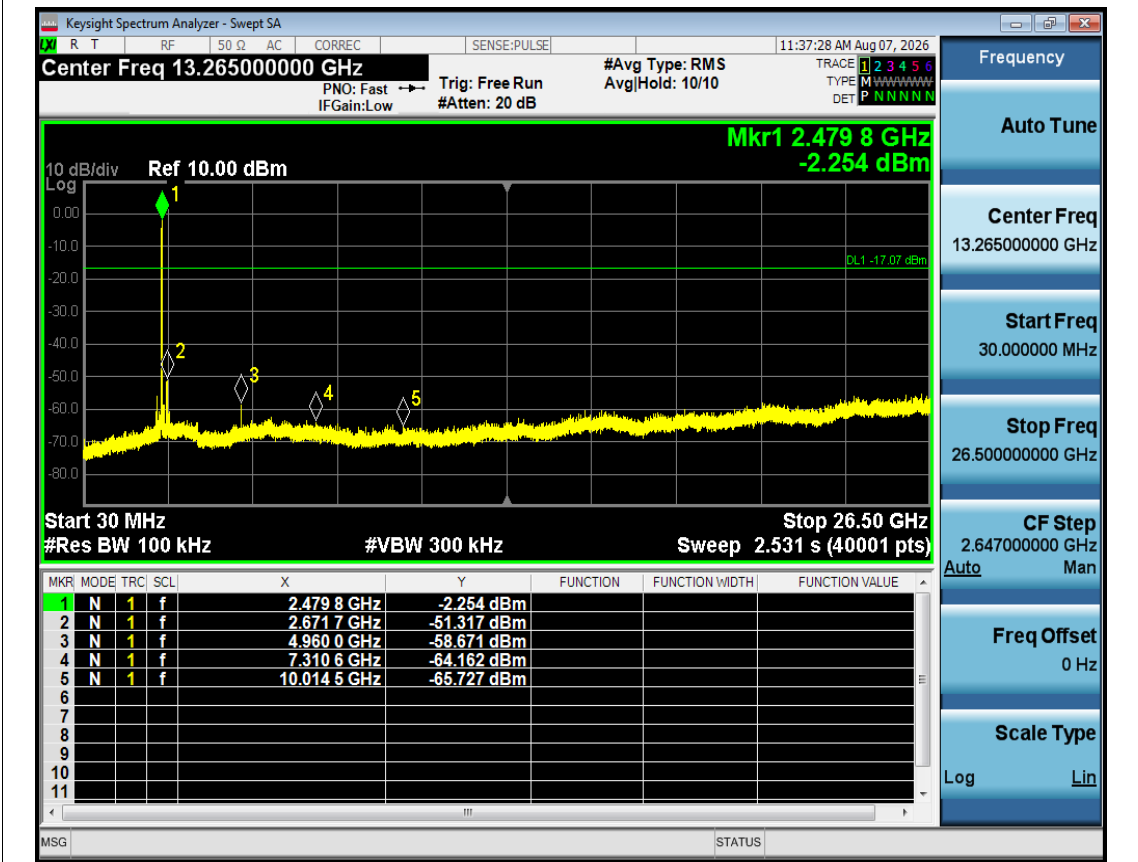
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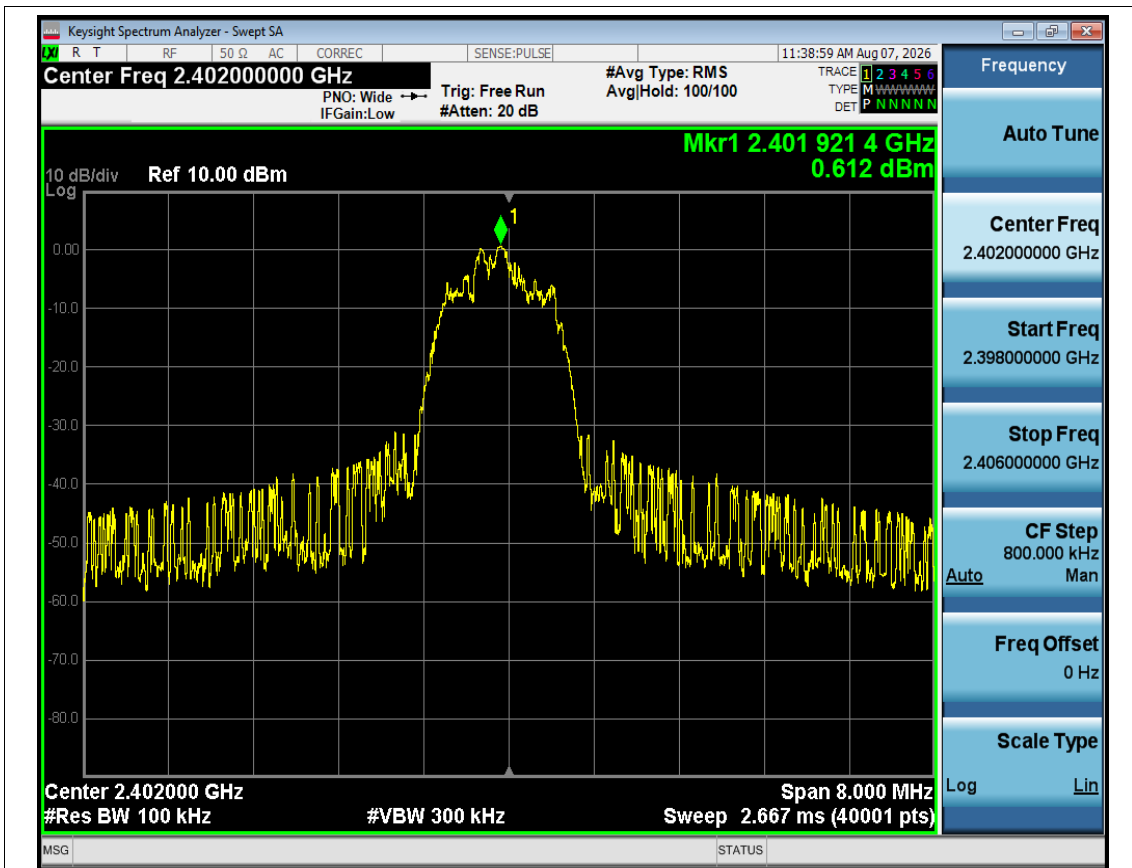
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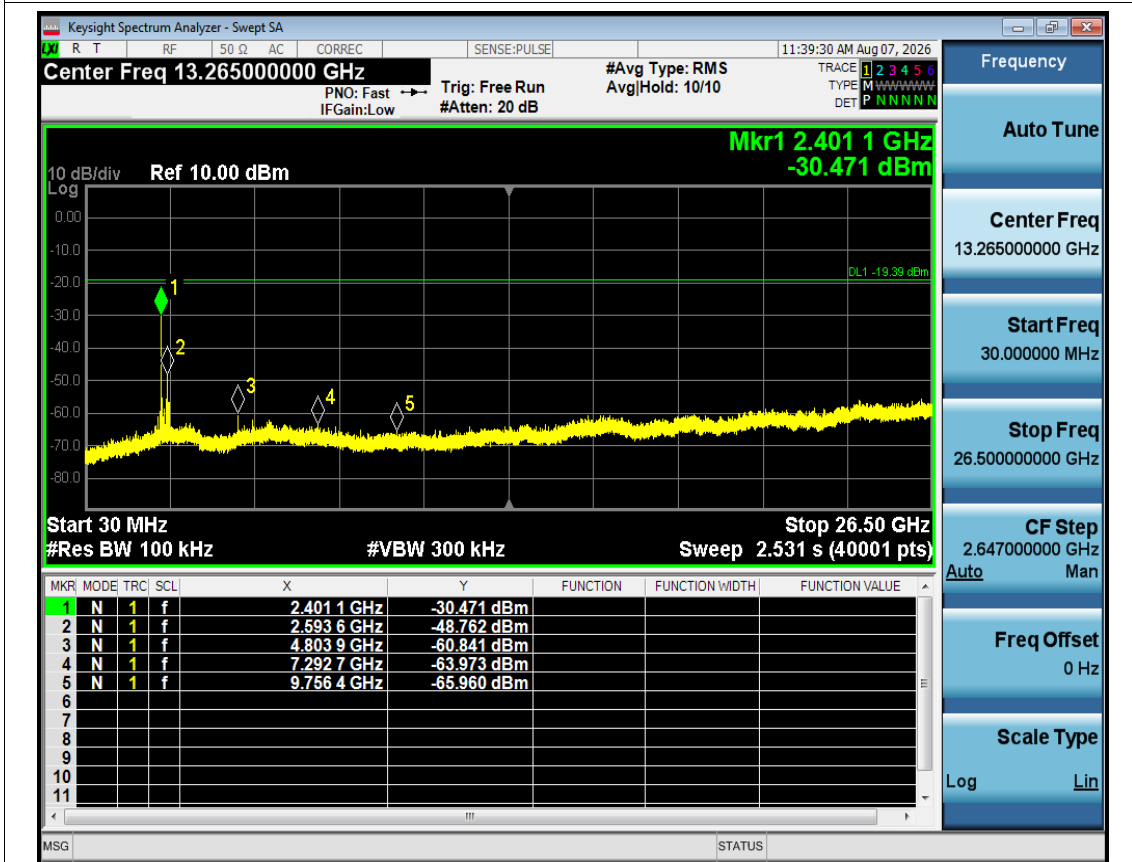
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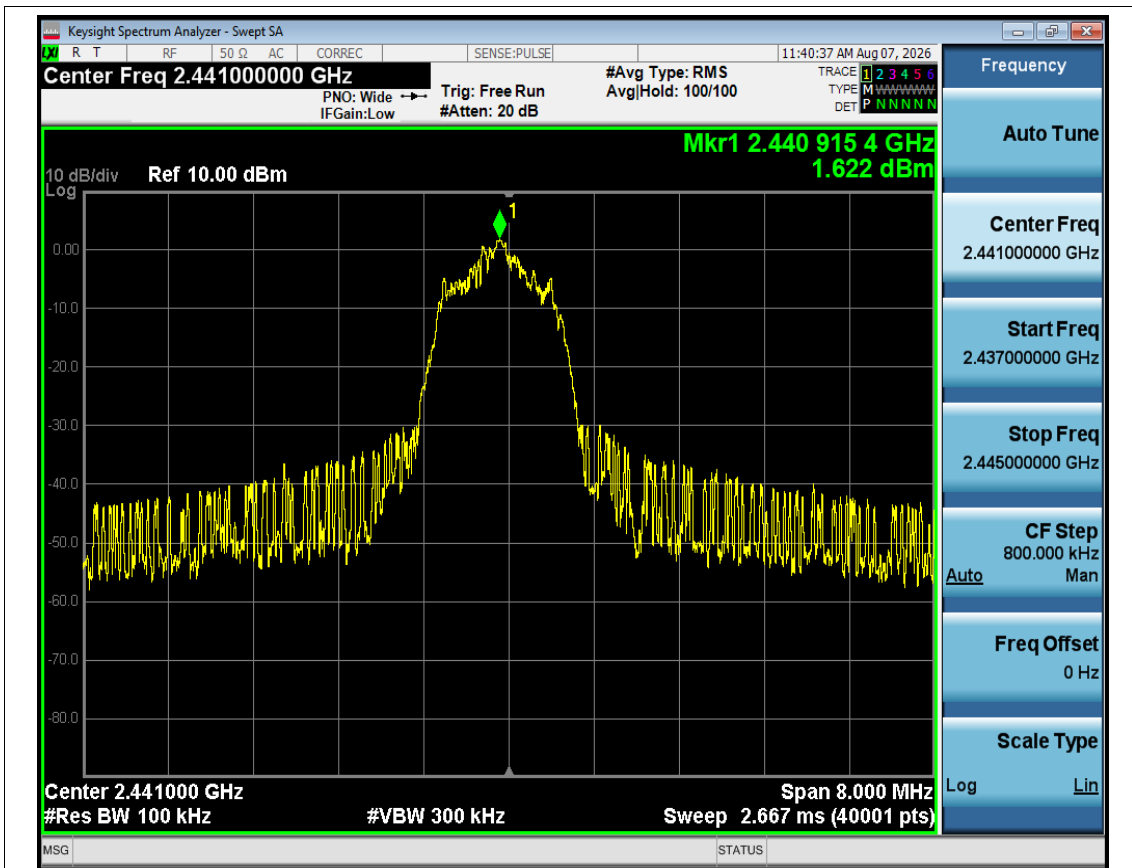
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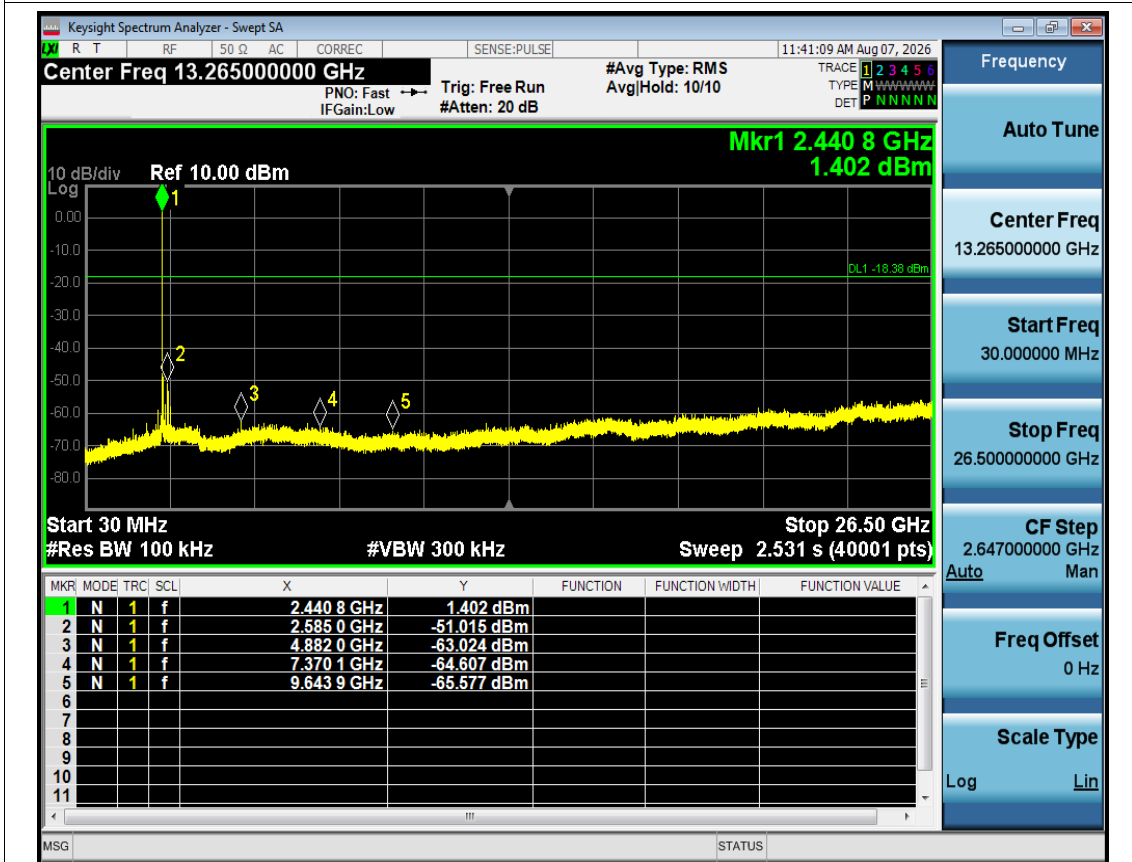
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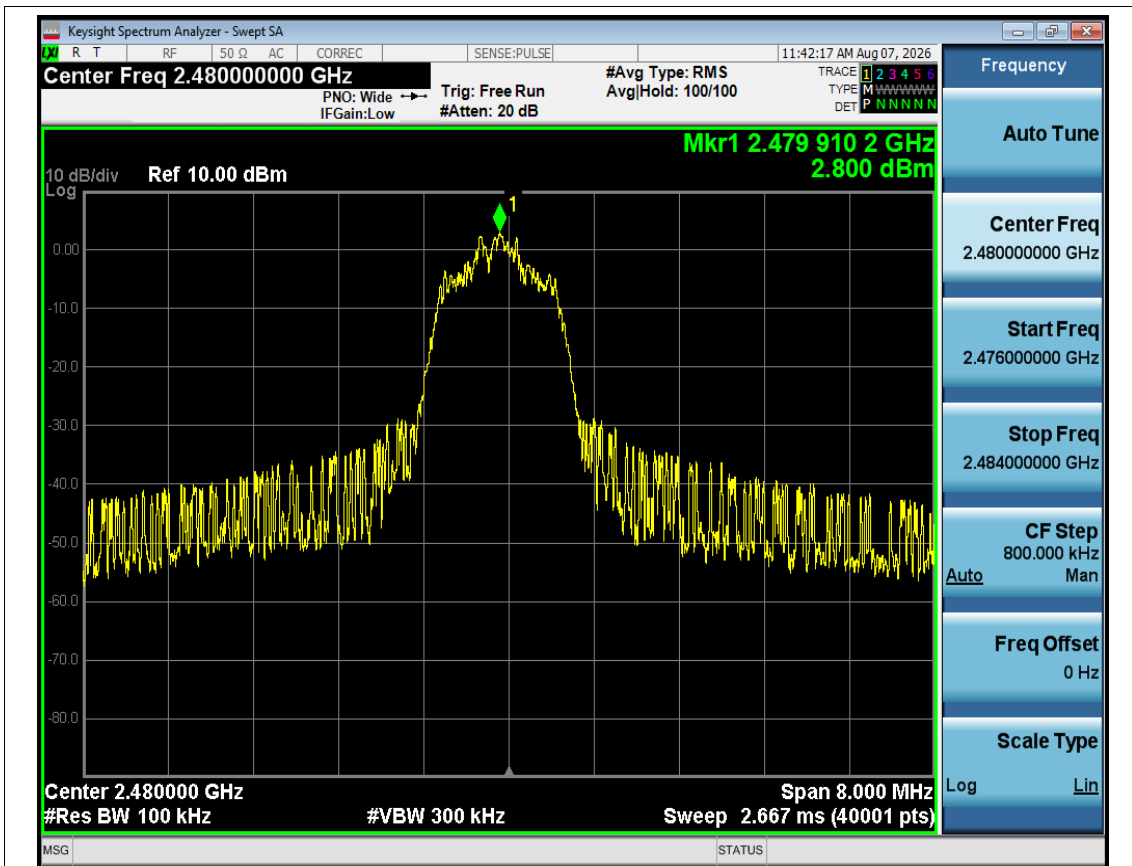
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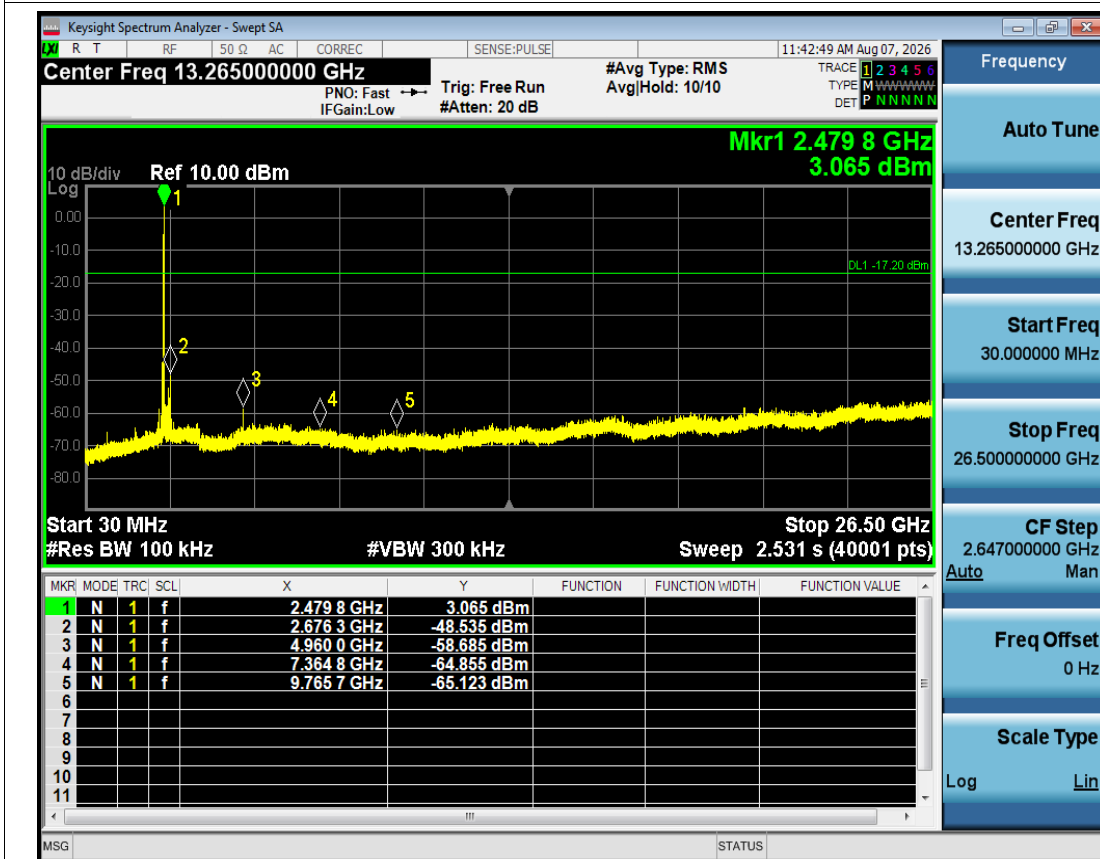
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



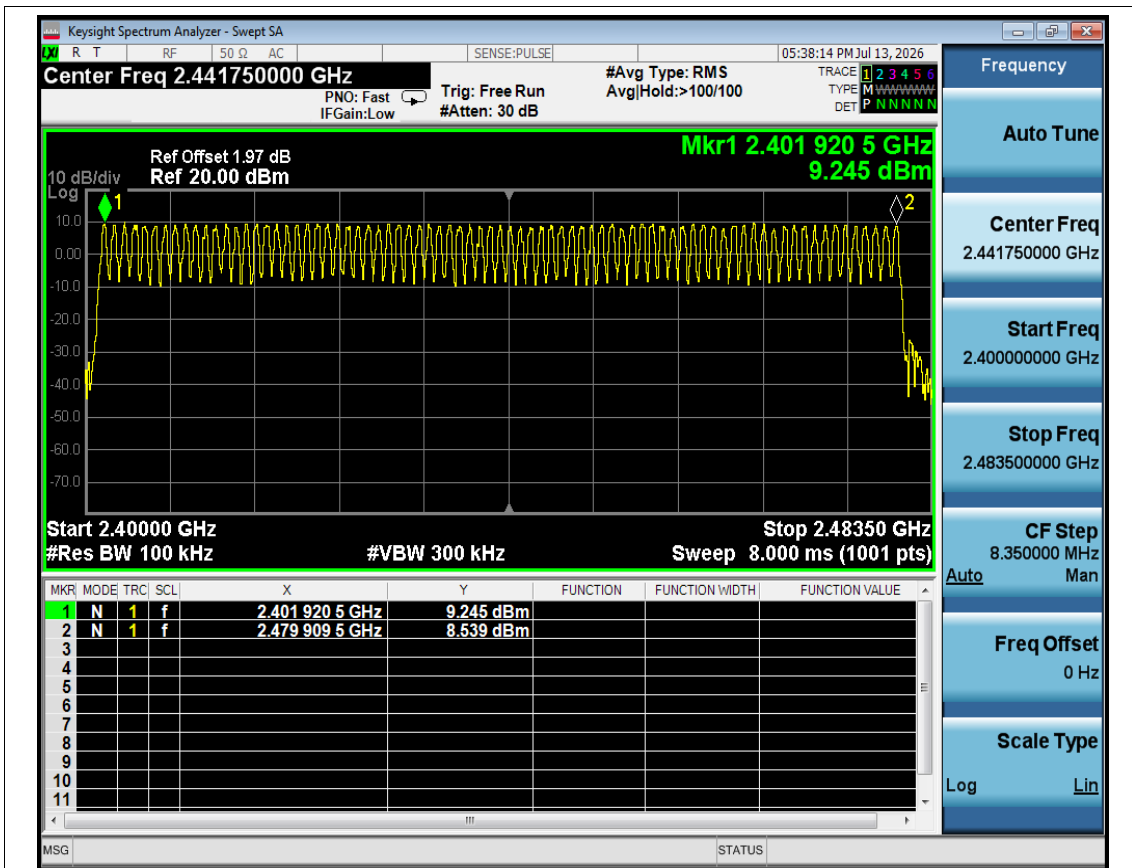
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



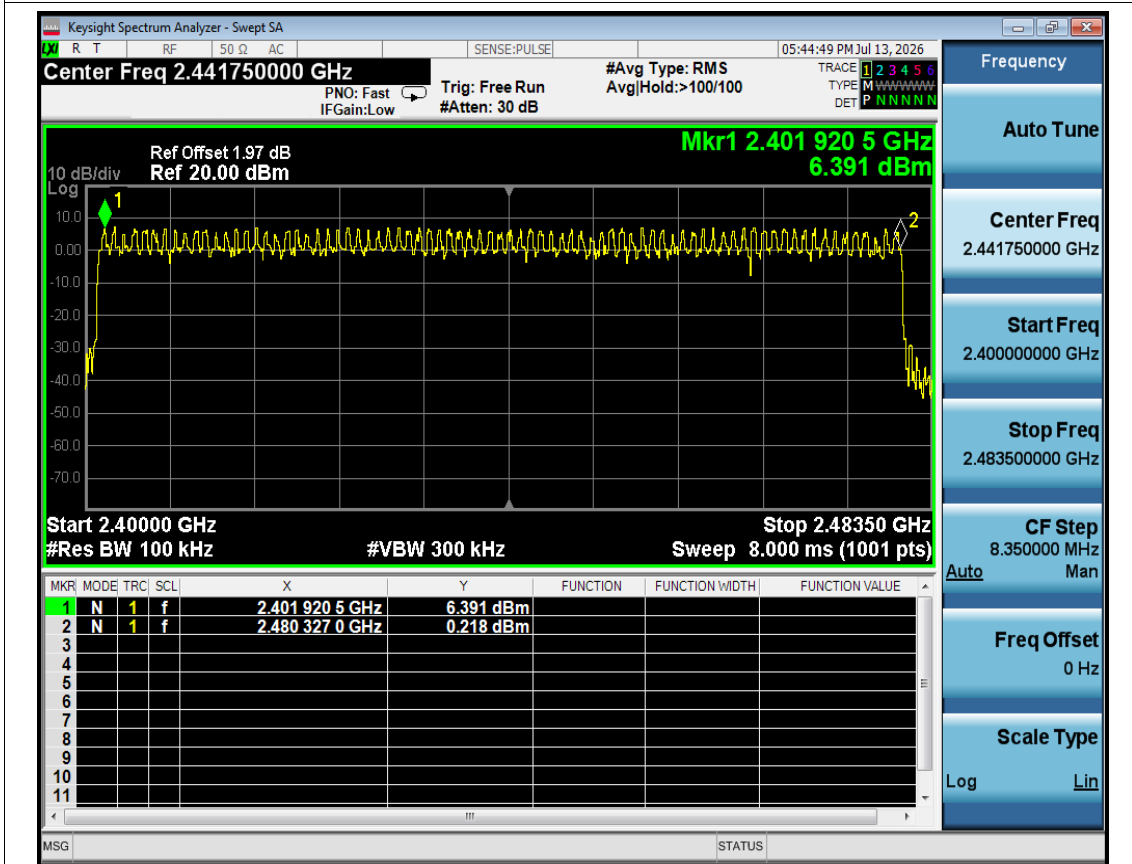
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

## Number of Hopping Channel

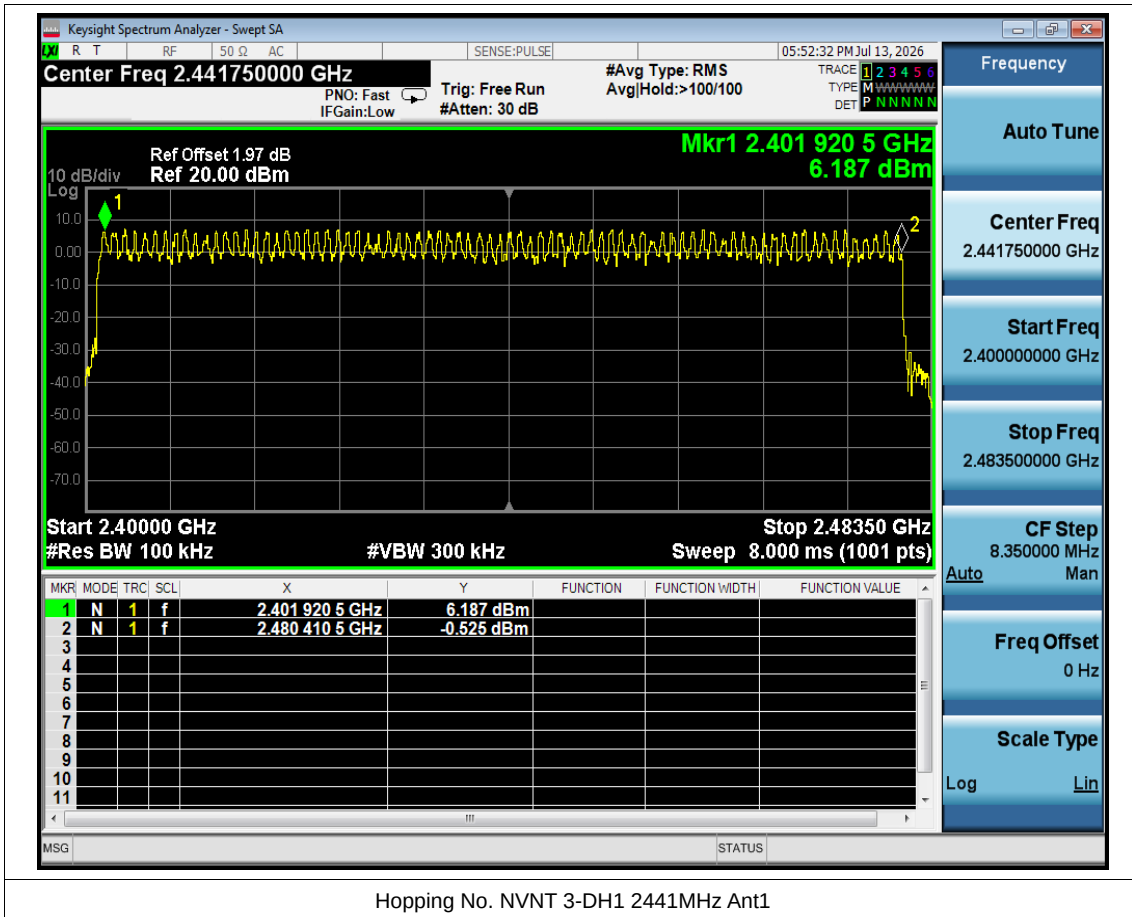
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79             | 15    | Pass    |



Hopping No. NVNT 1-DH1 2441MHz Ant1

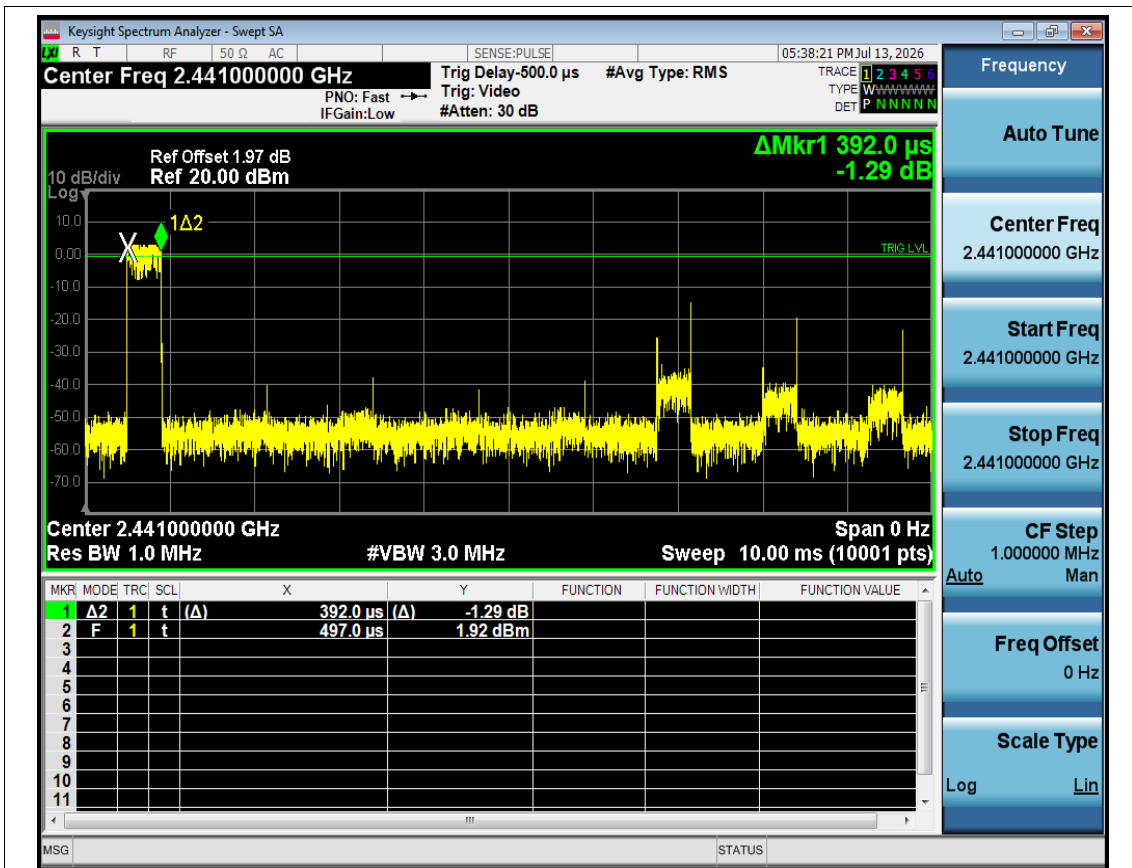


Hopping No. NVNT 2-DH1 2441MHz Ant1

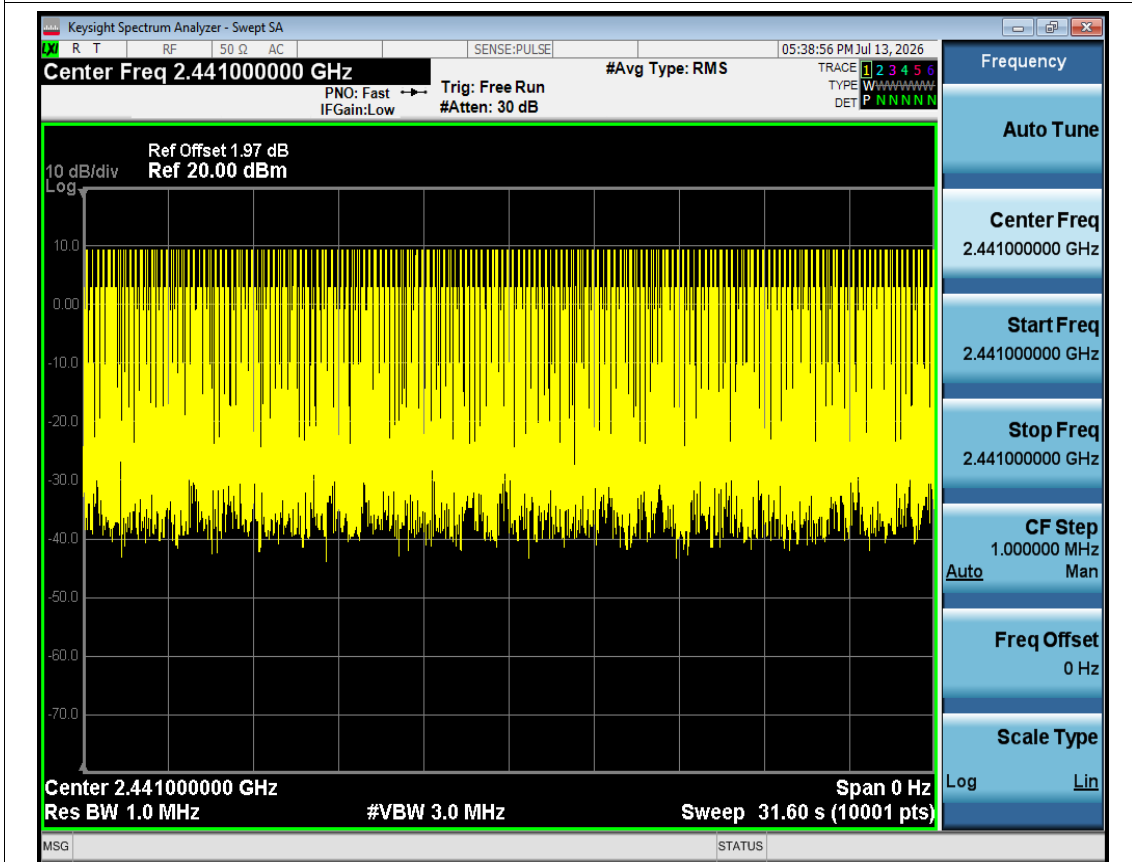


## Dwell Time

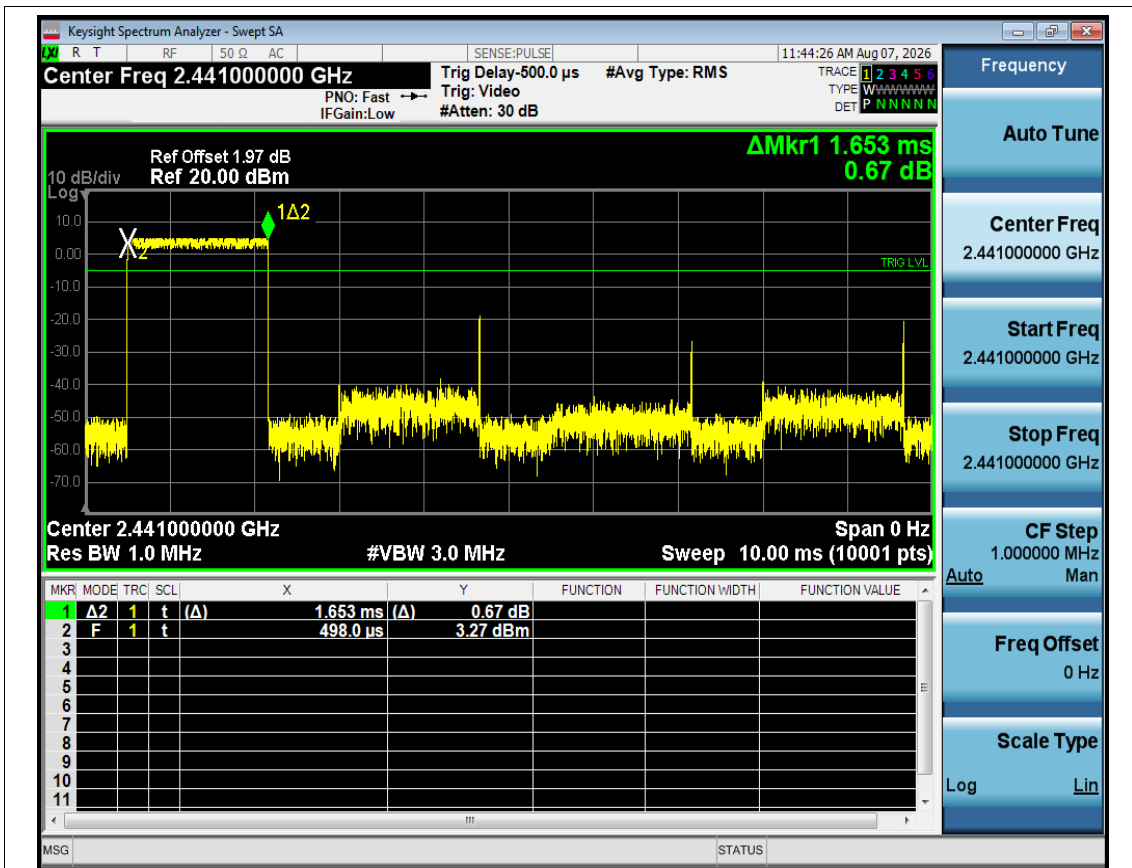
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse<br>Time<br>(ms) | Total<br>Dwell<br>Time (ms) | Burst<br>Count | Period<br>Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|-----------------------|-----------------------------|----------------|------------------------|---------------|---------|
| NVNT      | 1-DH1 | 2441               | Ant1    | 0.392                 | 124.656                     | 318            | 31600                  | 400           | Pass    |
| NVNT      | 1-DH3 | 2441               | Ant1    | 1.653                 | 256.215                     | 155            | 31600                  | 400           | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 2.902                 | 313.416                     | 108            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 0.381                 | 121.539                     | 319            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH3 | 2441               | Ant1    | 1.633                 | 264.546                     | 162            | 31600                  | 400           | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 2.881                 | 337.077                     | 117            | 31600                  | 400           | Pass    |
| NVNT      | 3-DH1 | 2441               | Ant1    | 0.4                   | 127.6                       | 319            | 31600                  | 400           | Pass    |
| NVNT      | 3-DH3 | 2441               | Ant1    | 1.651                 | 260.858                     | 158            | 31600                  | 400           | Pass    |
| NVNT      | 3-DH5 | 2441               | Ant1    | 2.901                 | 324.912                     | 112            | 31600                  | 400           | Pass    |



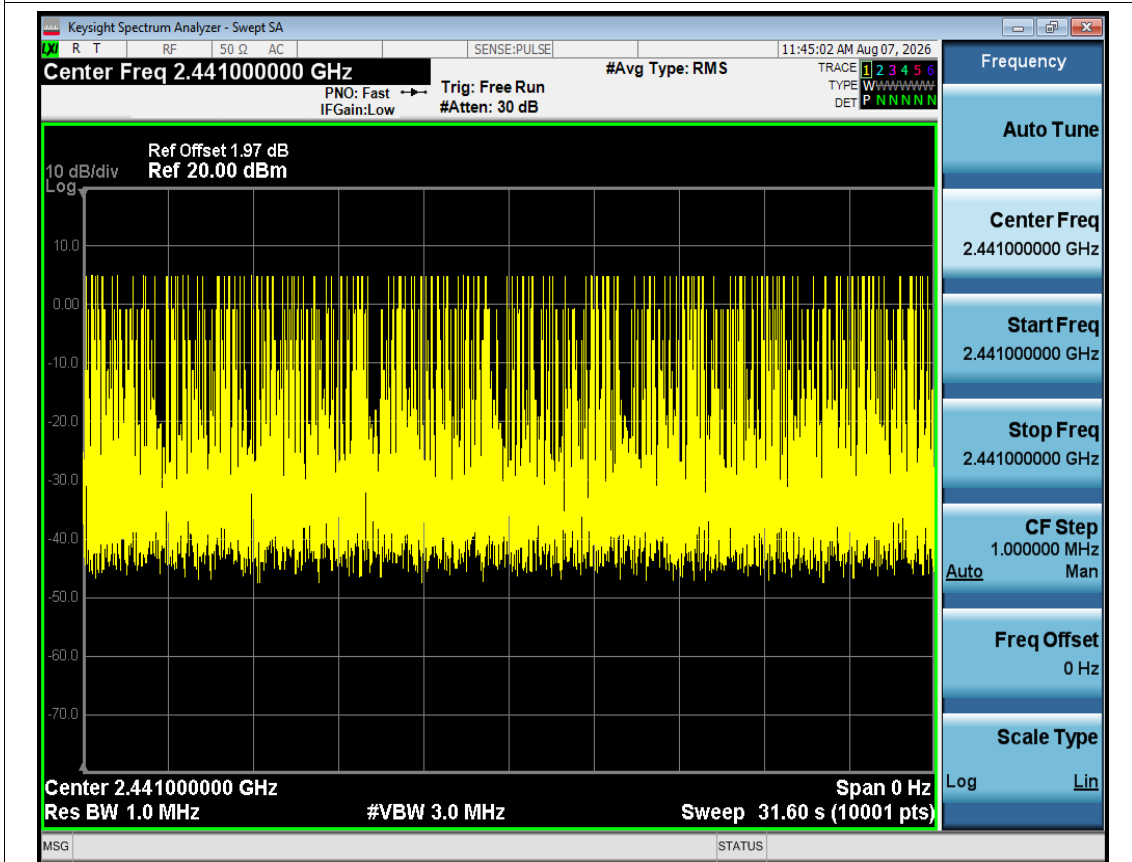
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



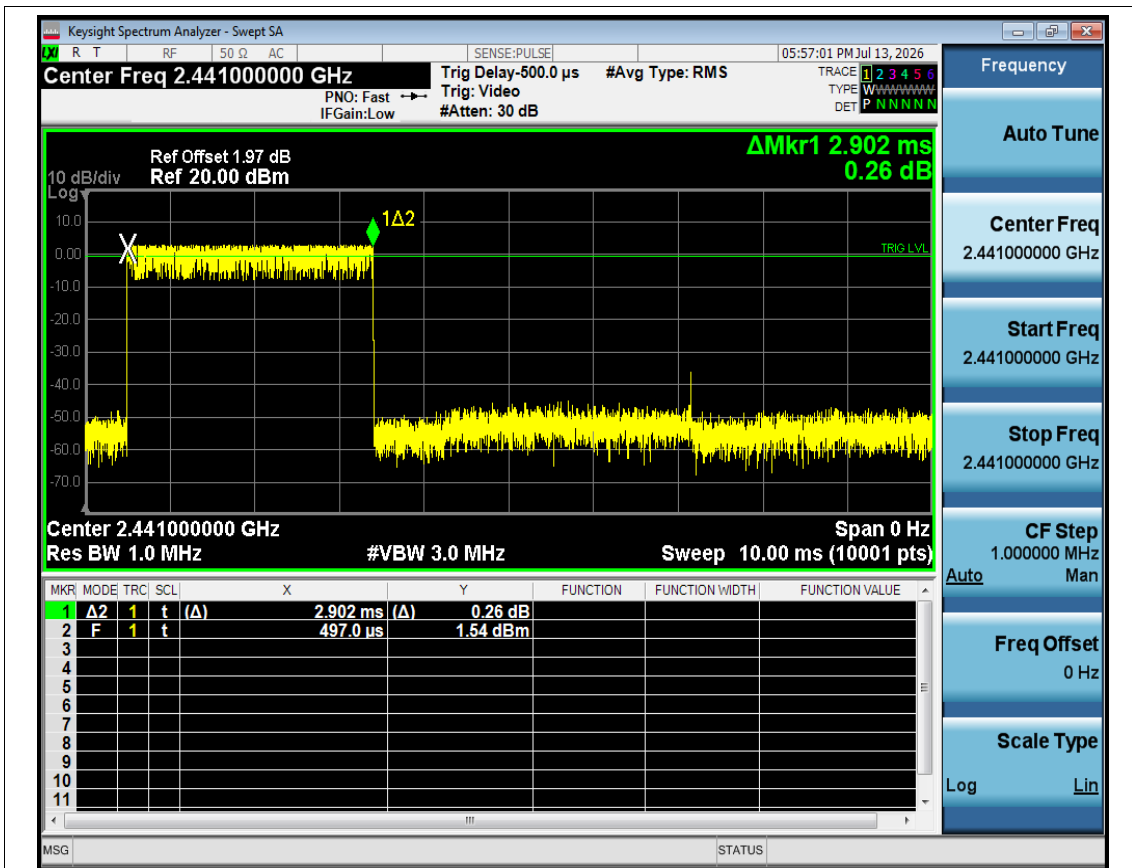
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



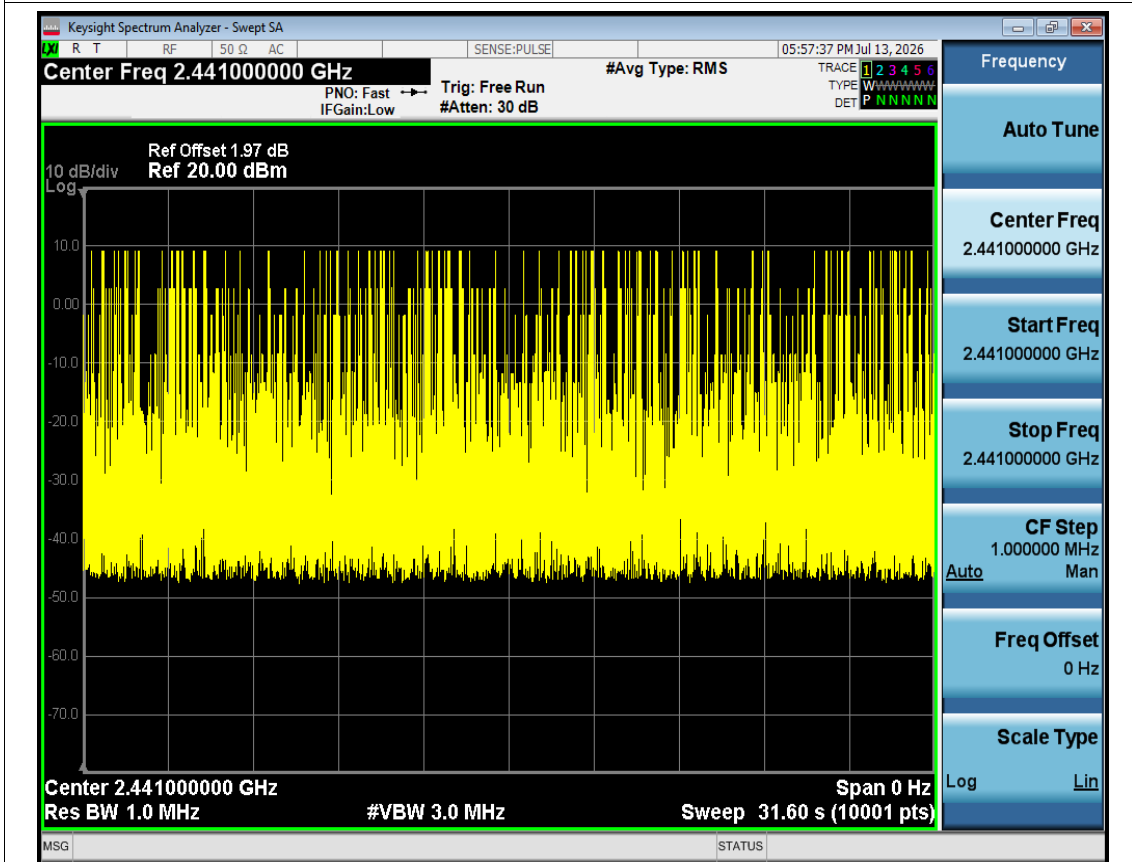
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



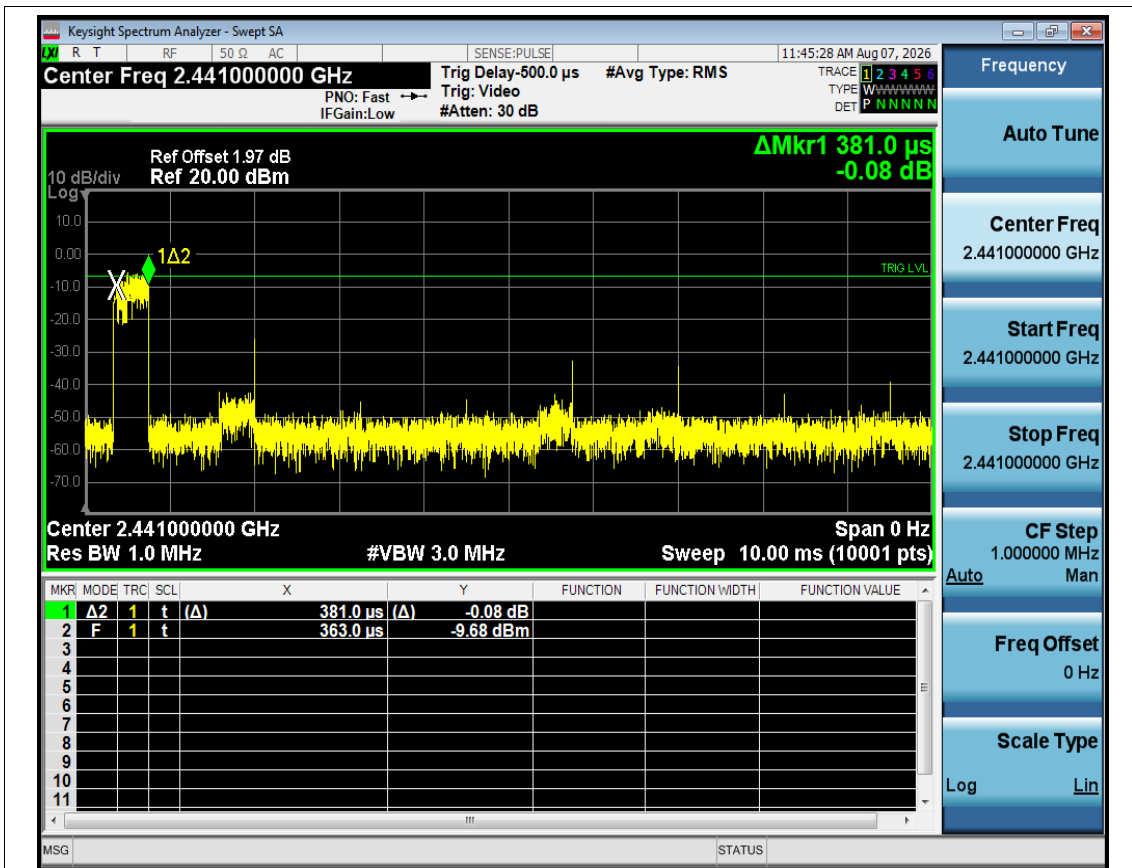
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



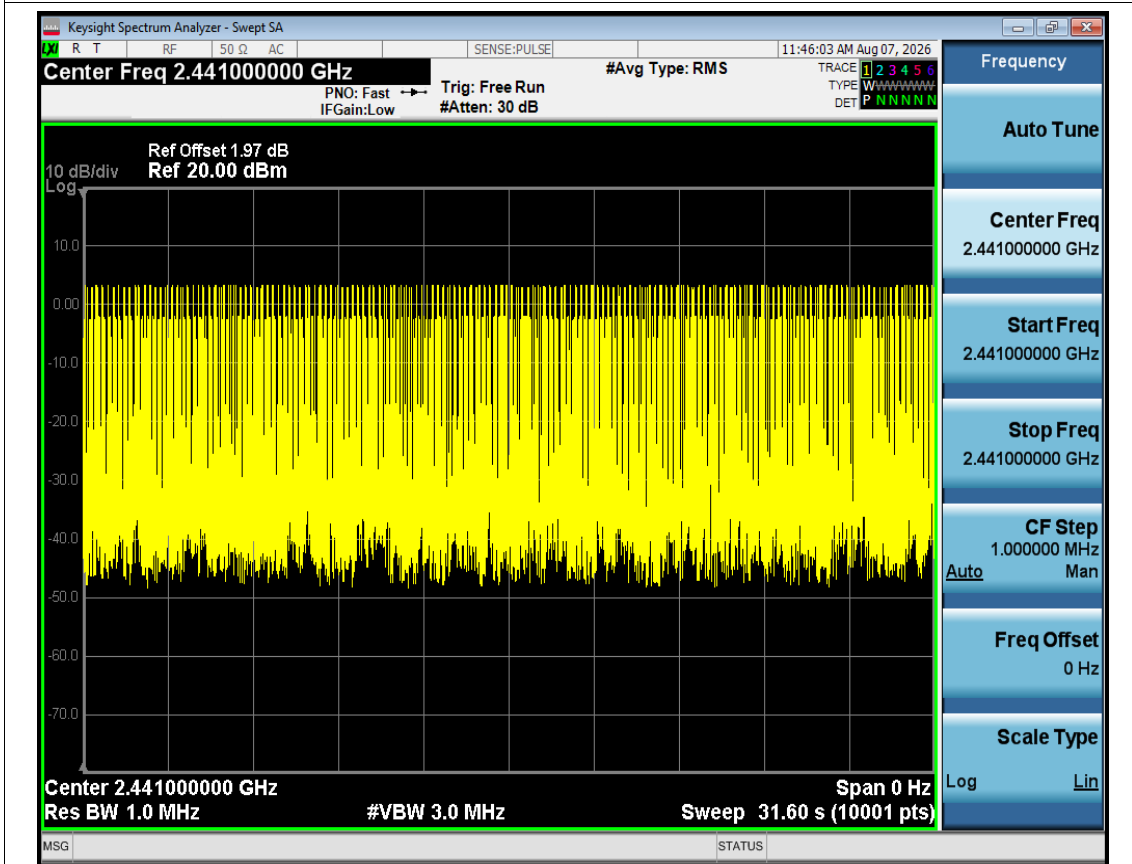
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



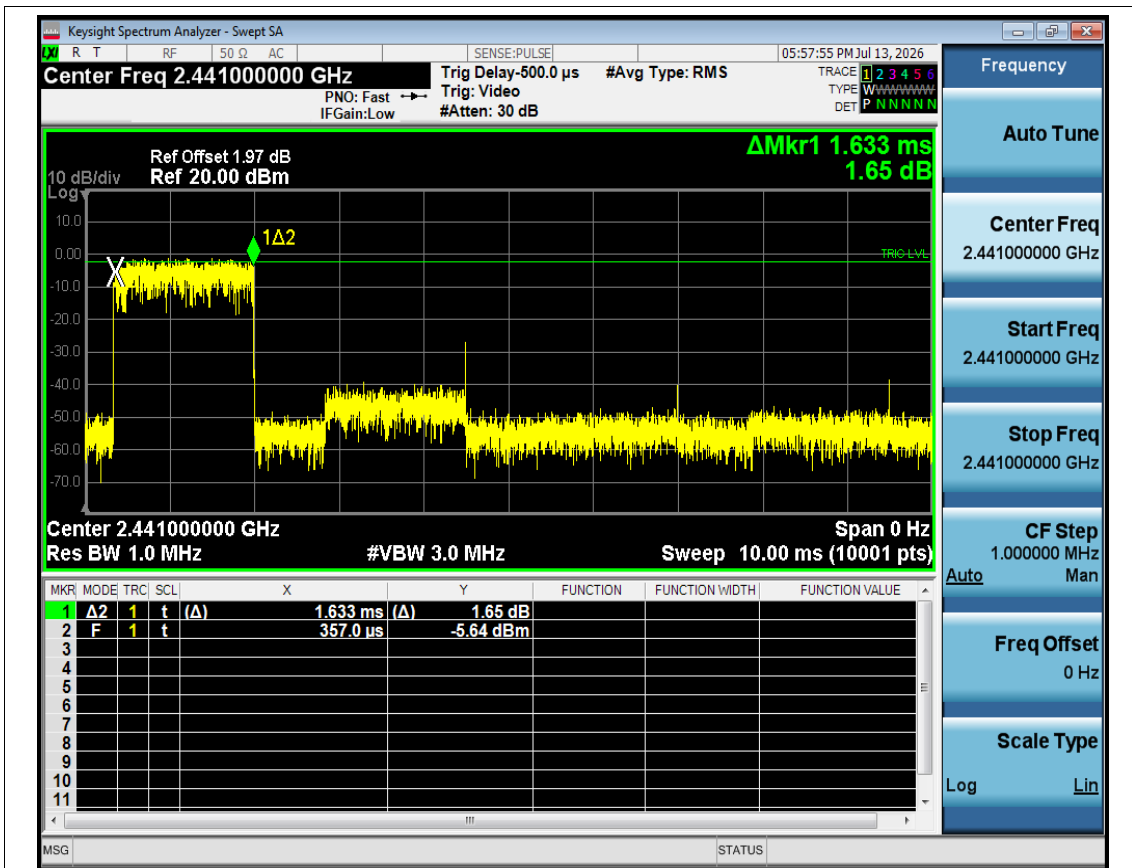
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



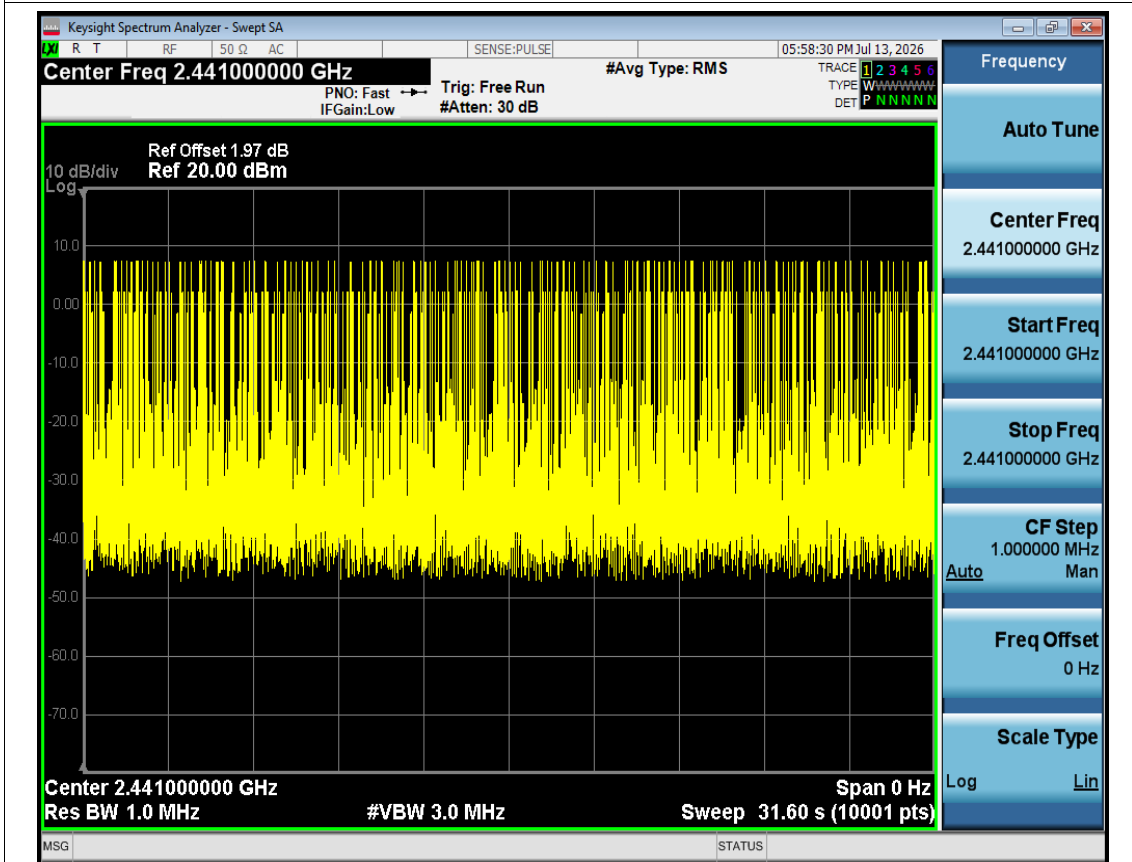
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



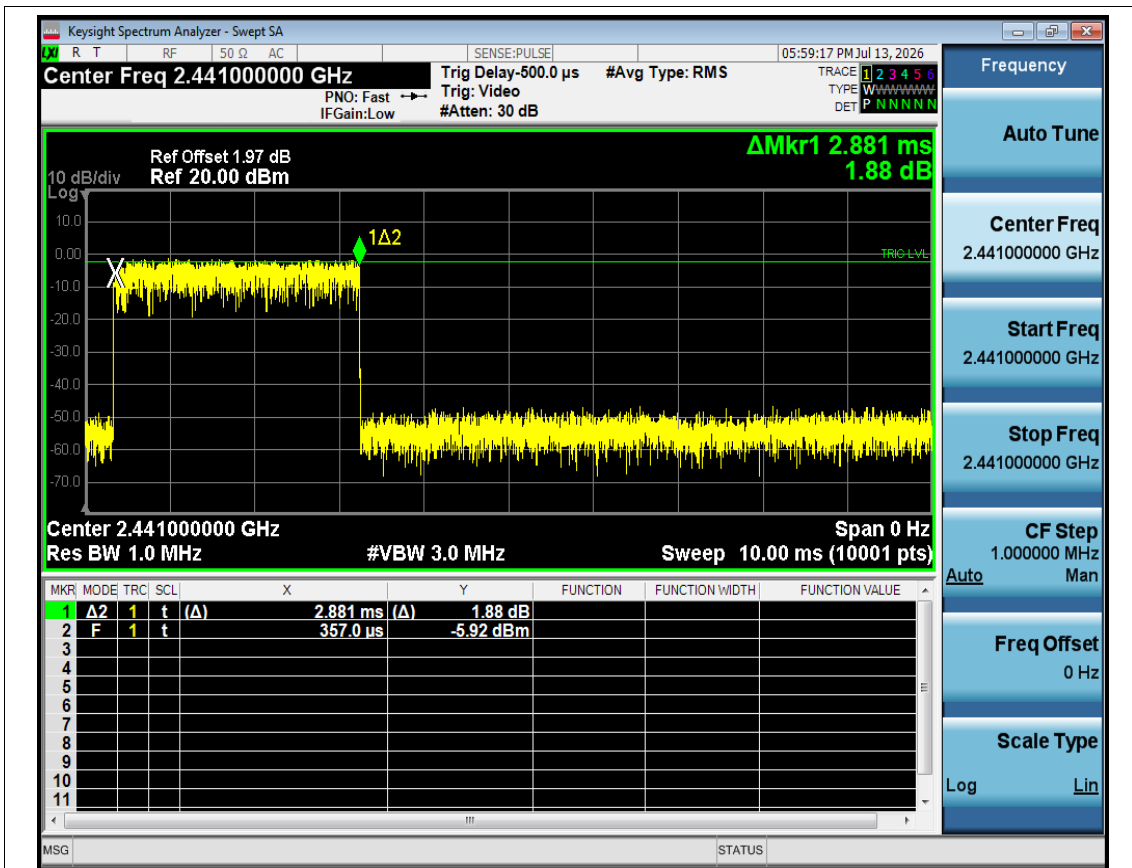
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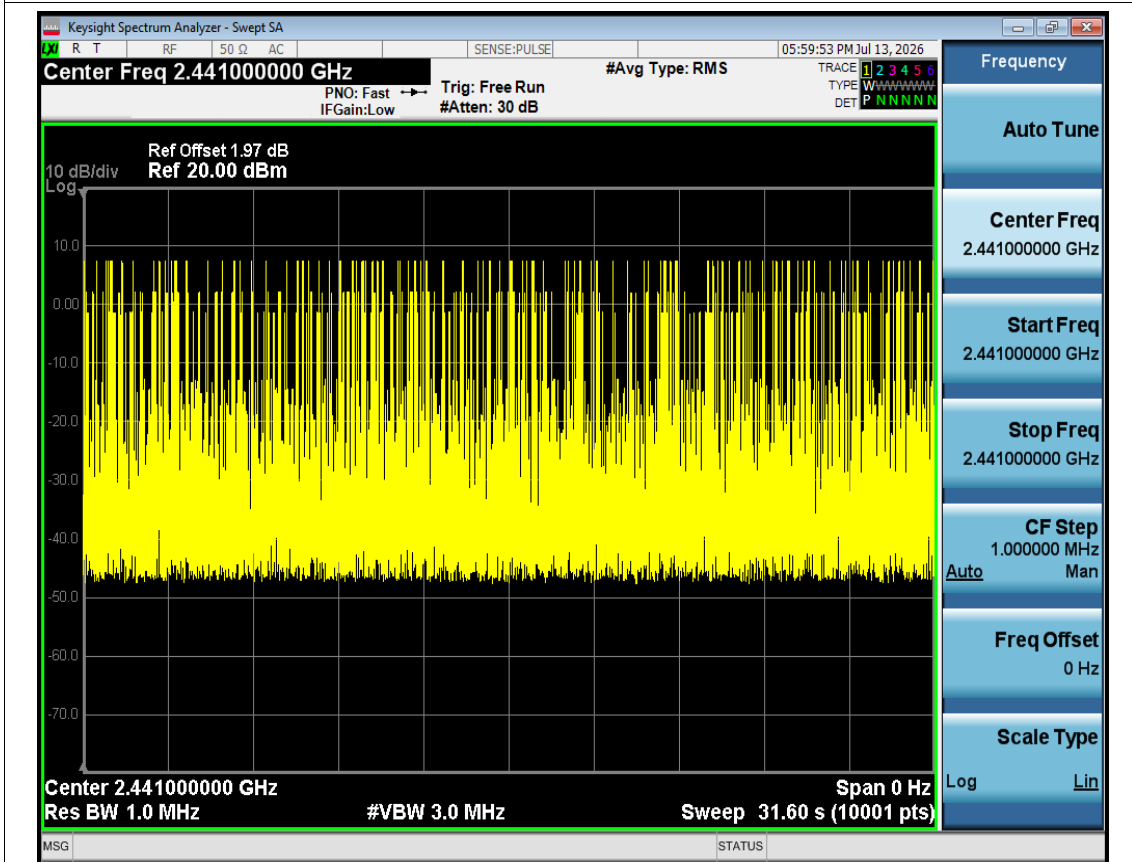
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



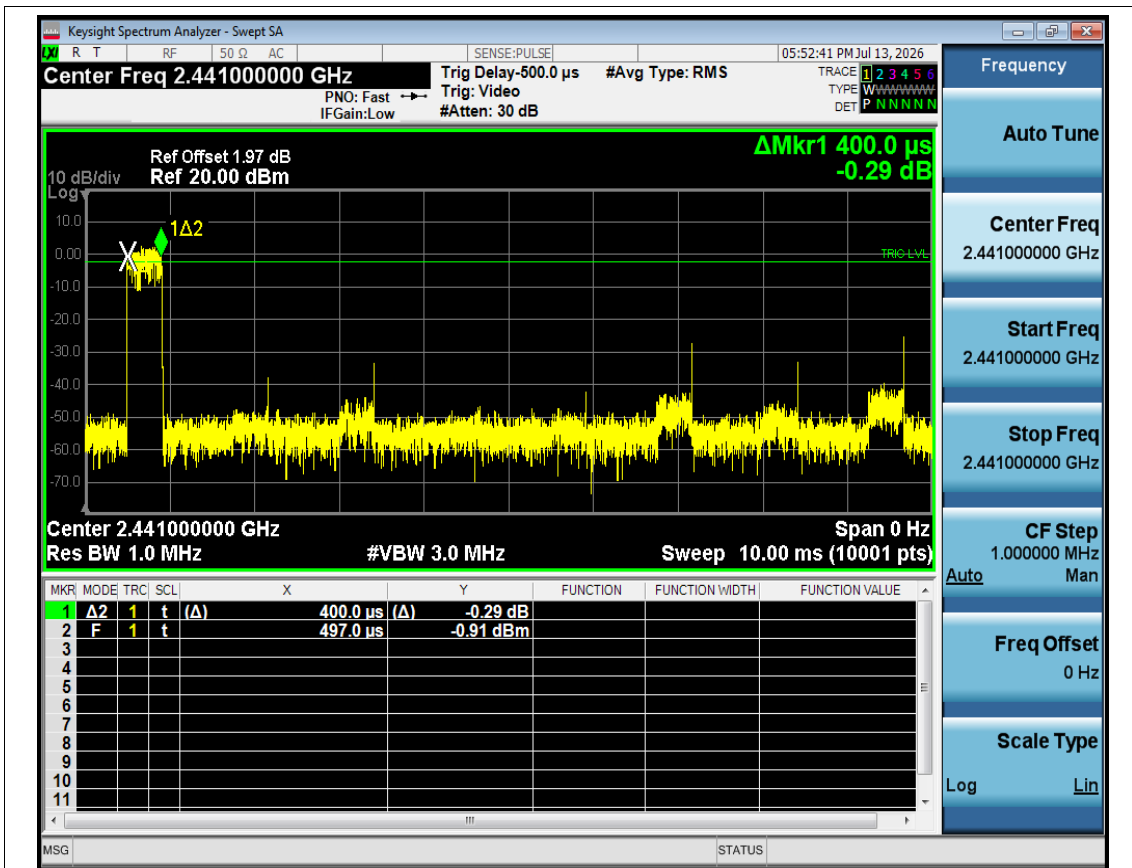
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



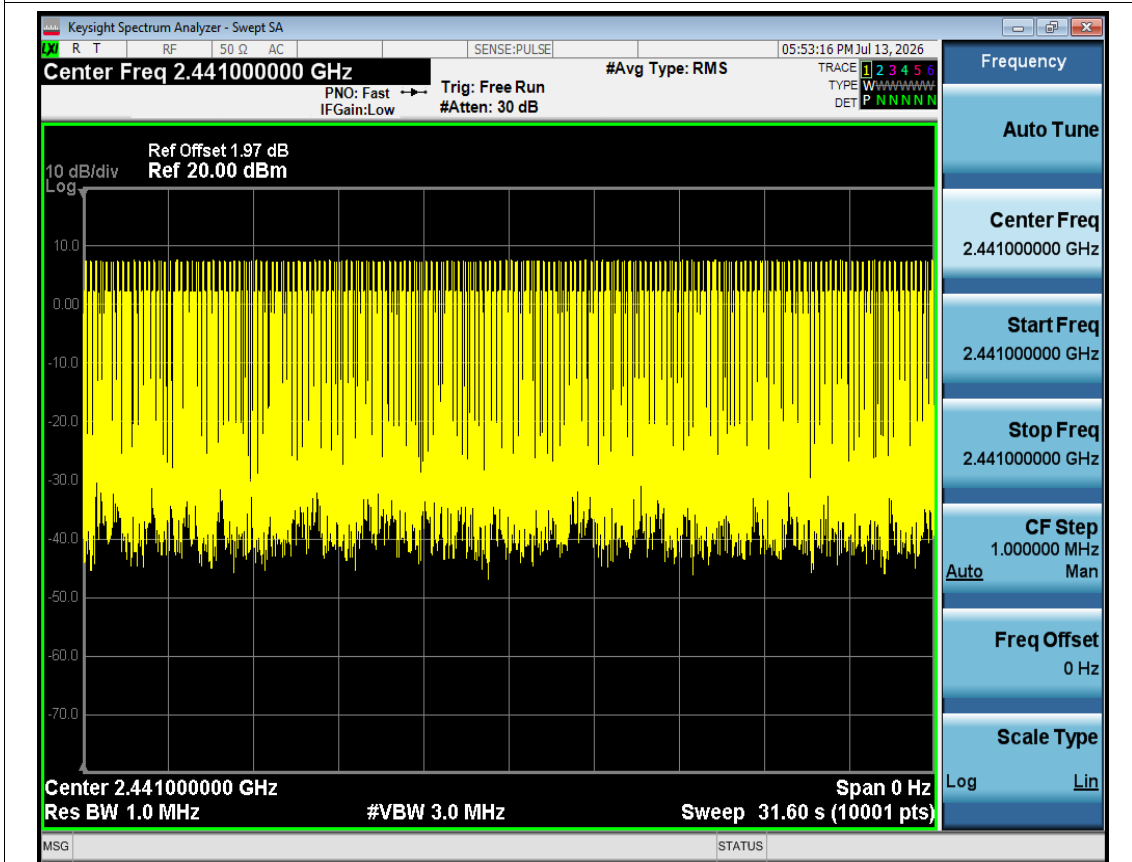
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



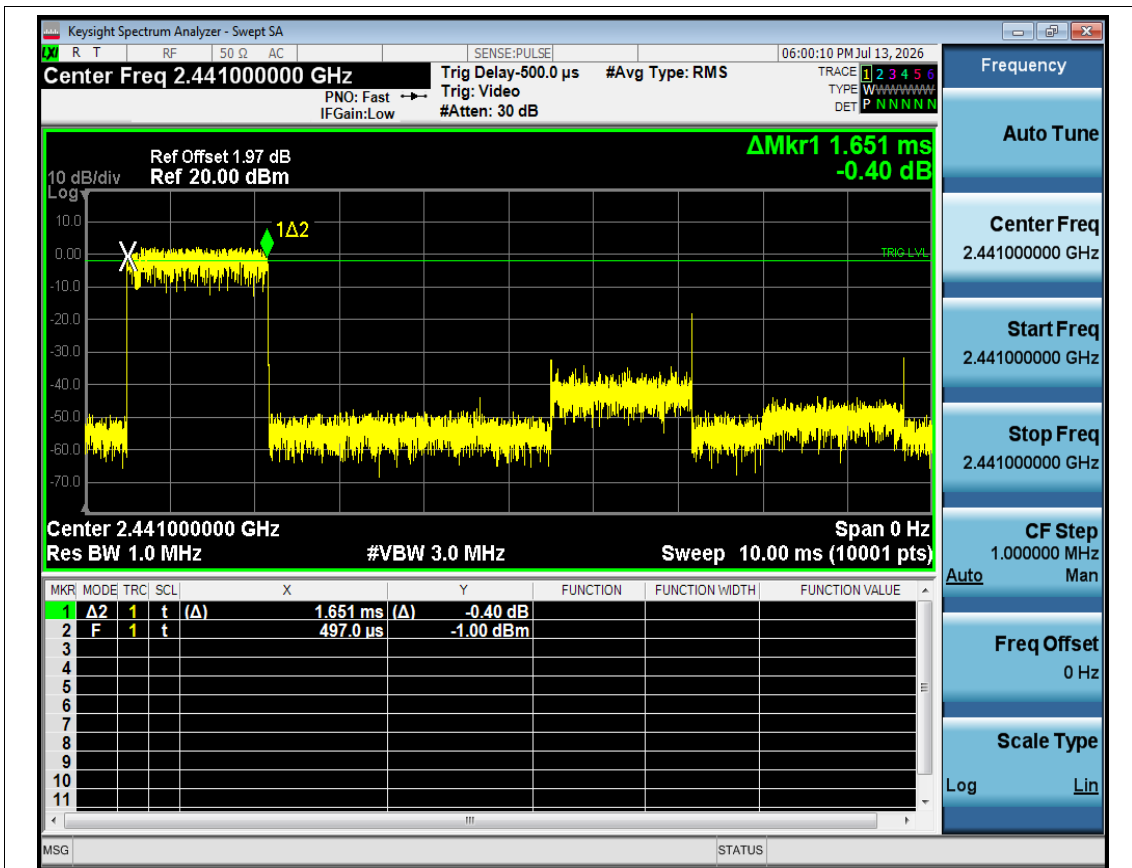
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



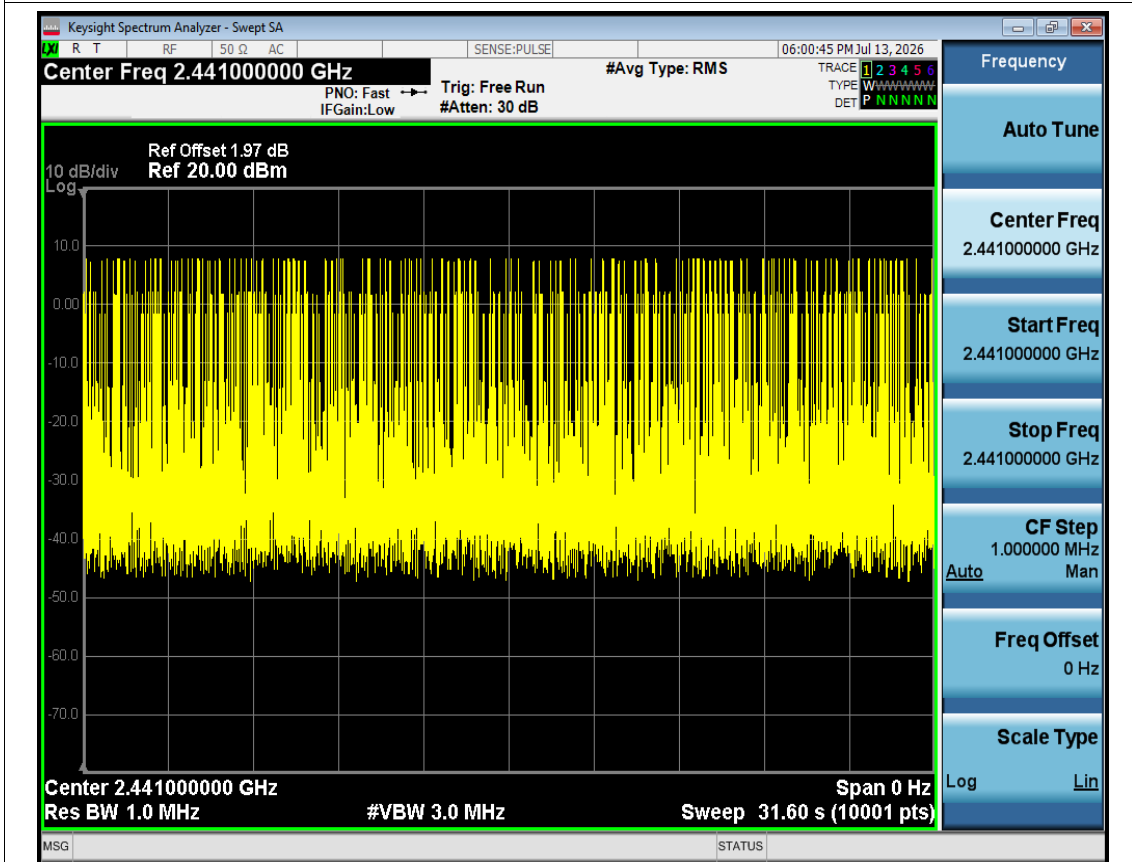
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



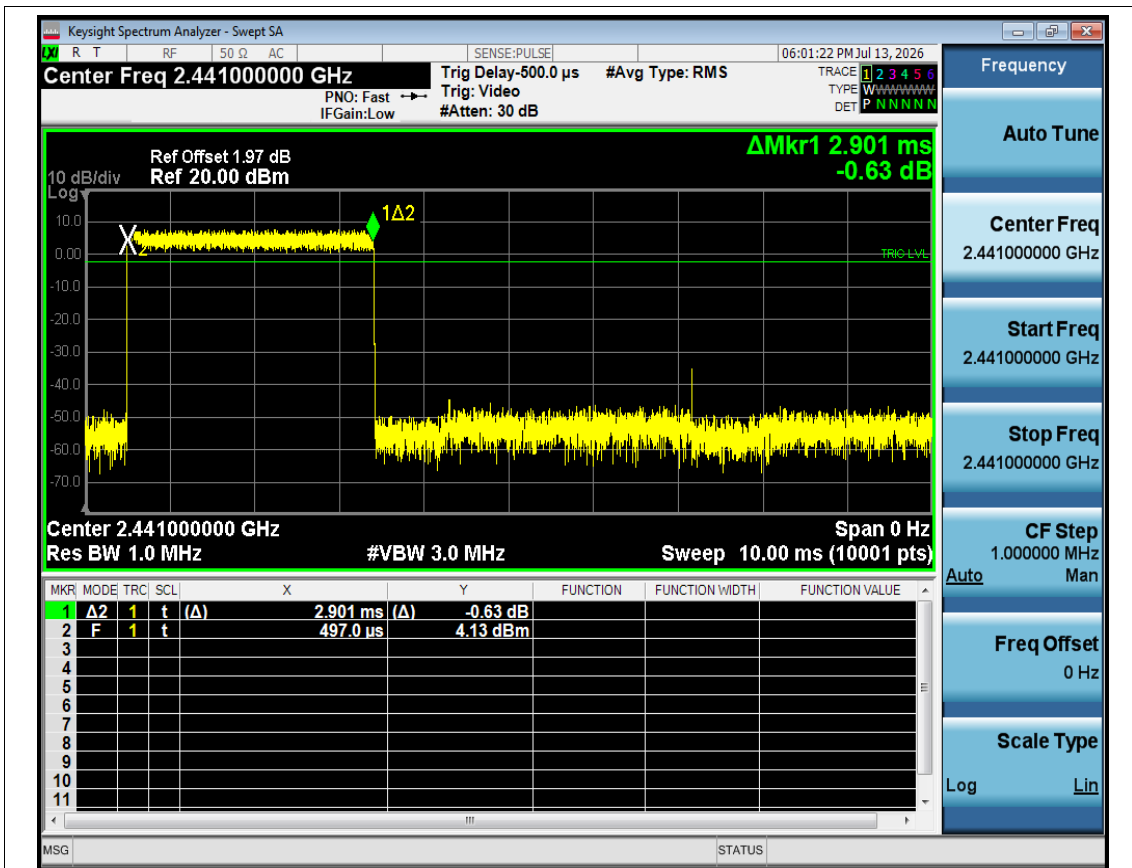
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



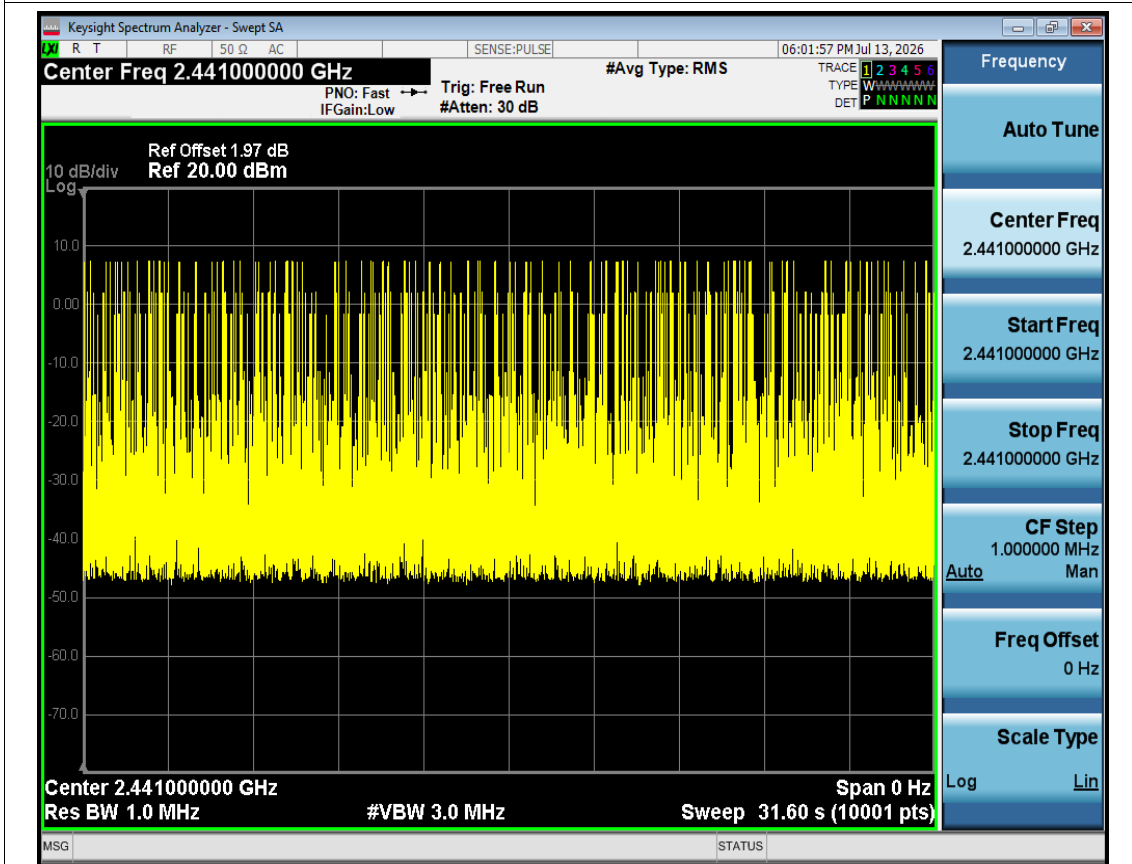
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated