

**Shenzhen Liandianchuang Technology Co., Ltd**

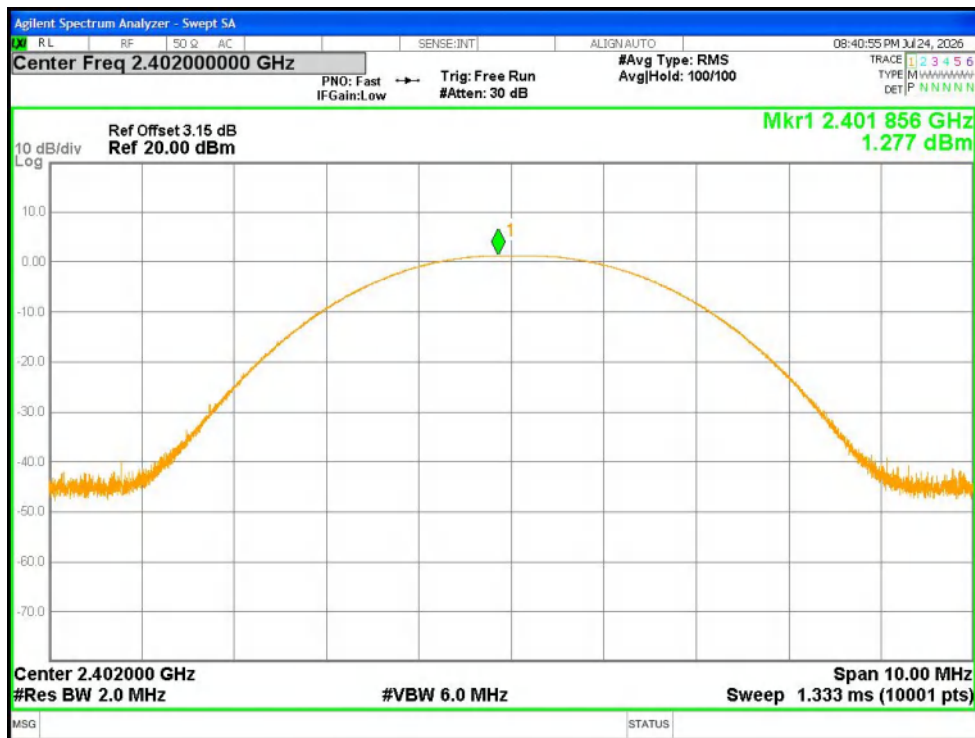
**Model: M1D**

**FCC ID: 2BXGP-M1D**

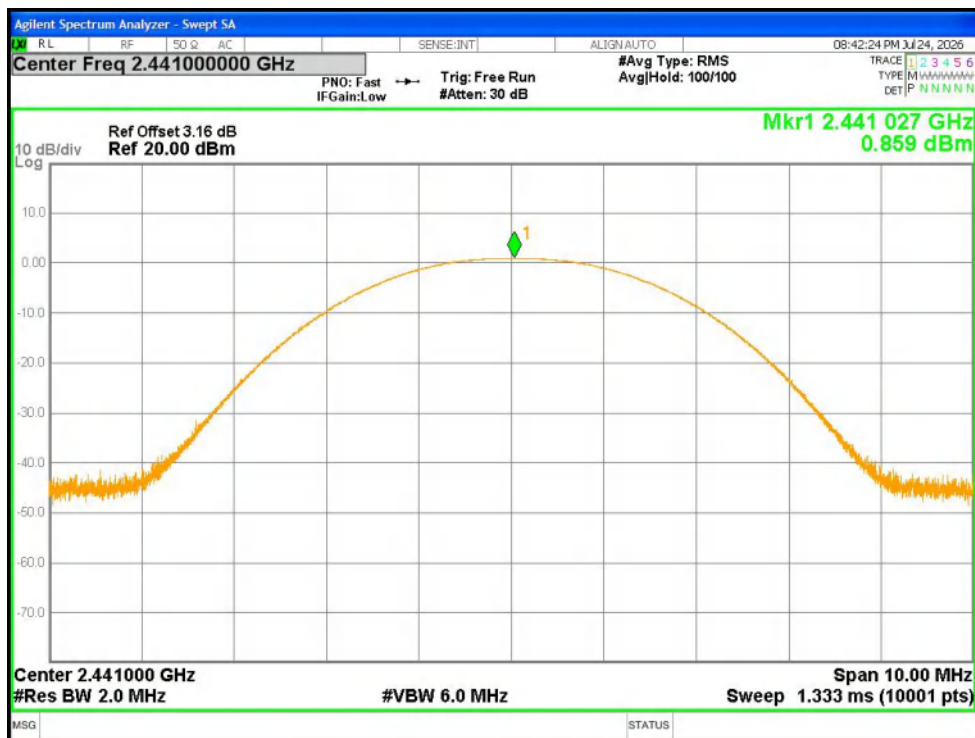
**1. Maximum Peak Conducted Output Power**

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 1.28                  | 1.28              | 21          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.86                  | 0.86              | 21          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -0.07                 | -0.07             | 21          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 2.17                  | 2.17              | 21          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.69                  | 1.69              | 21          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 0.77                  | 0.77              | 21          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2.54                  | 2.54              | 21          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.11                  | 2.11              | 21          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.16                  | 1.16              | 21          | Pass    |

# Report

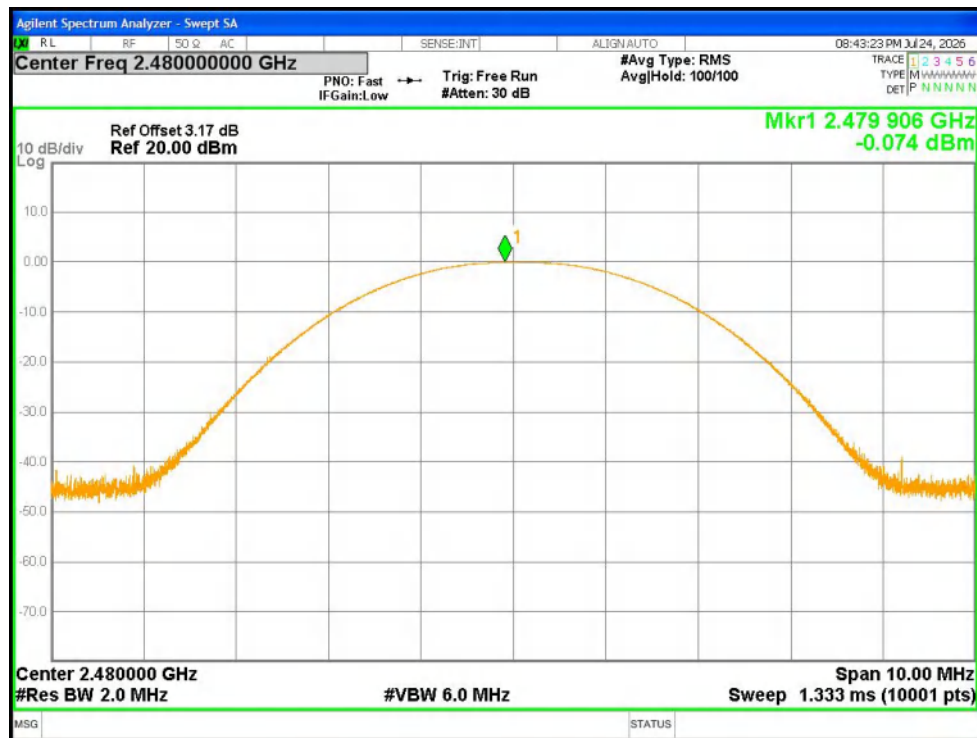


Peak Power NVNT 1-DH5 2402MHz Ant1

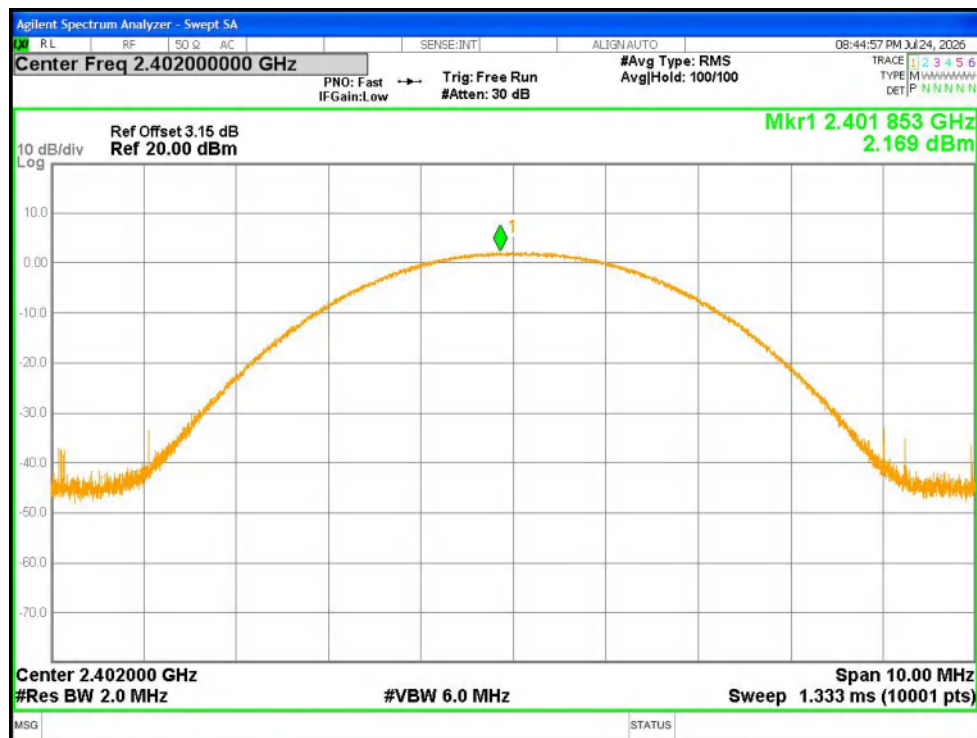


Peak Power NVNT 1-DH5 2441MHz Ant1

# Report

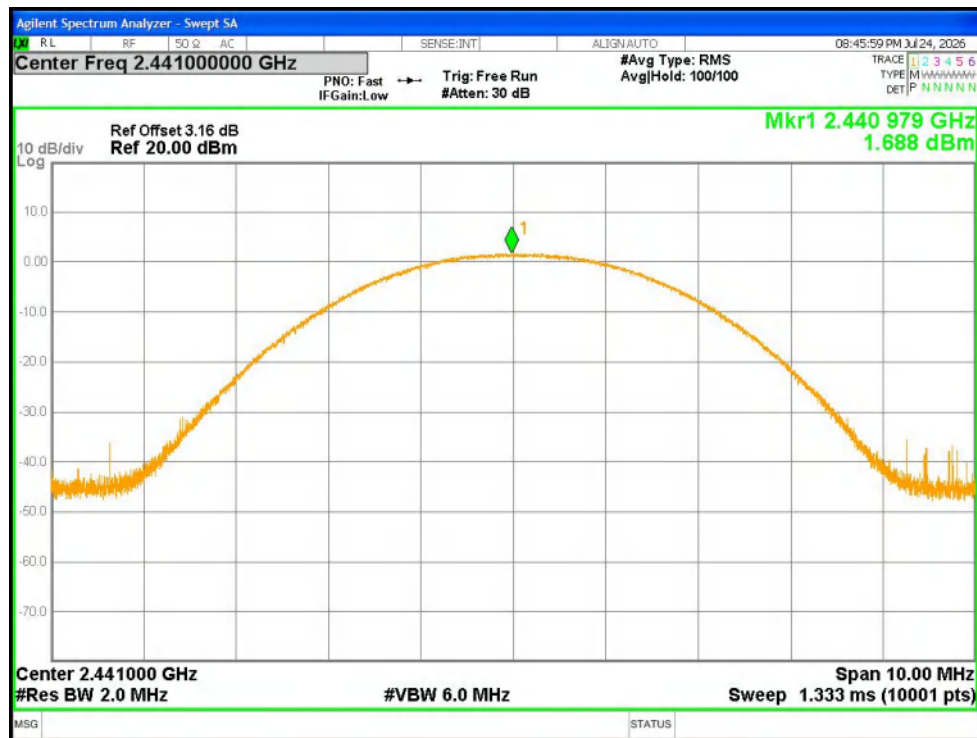


Peak Power NVNT 1-DH5 2480MHz Ant1

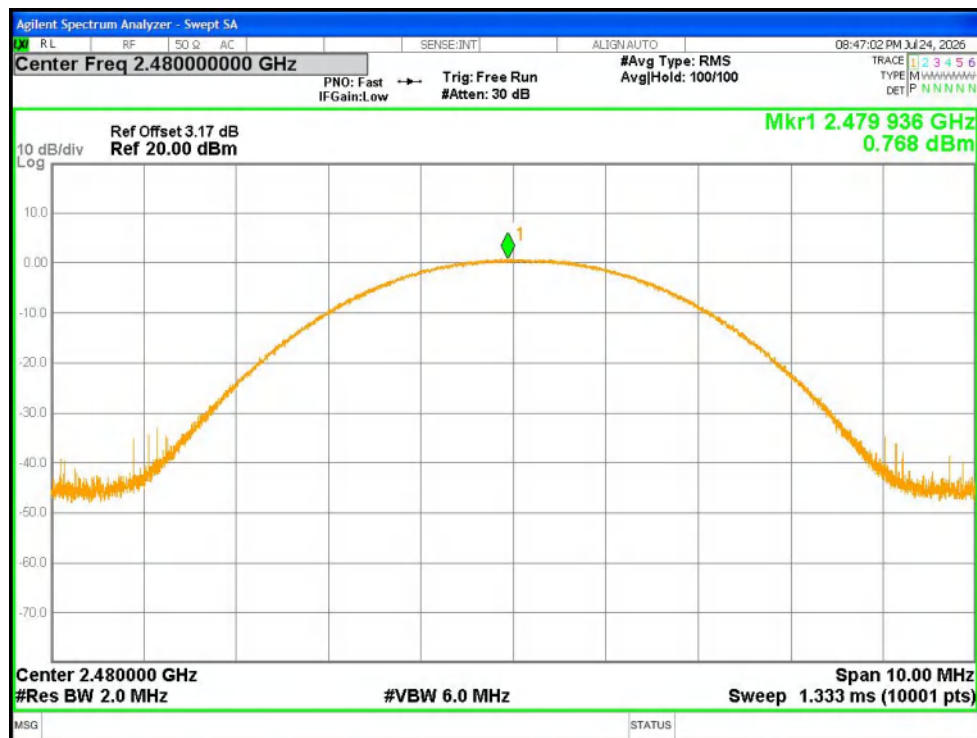


Peak Power NVNT 2-DH5 2402MHz Ant1

# Report

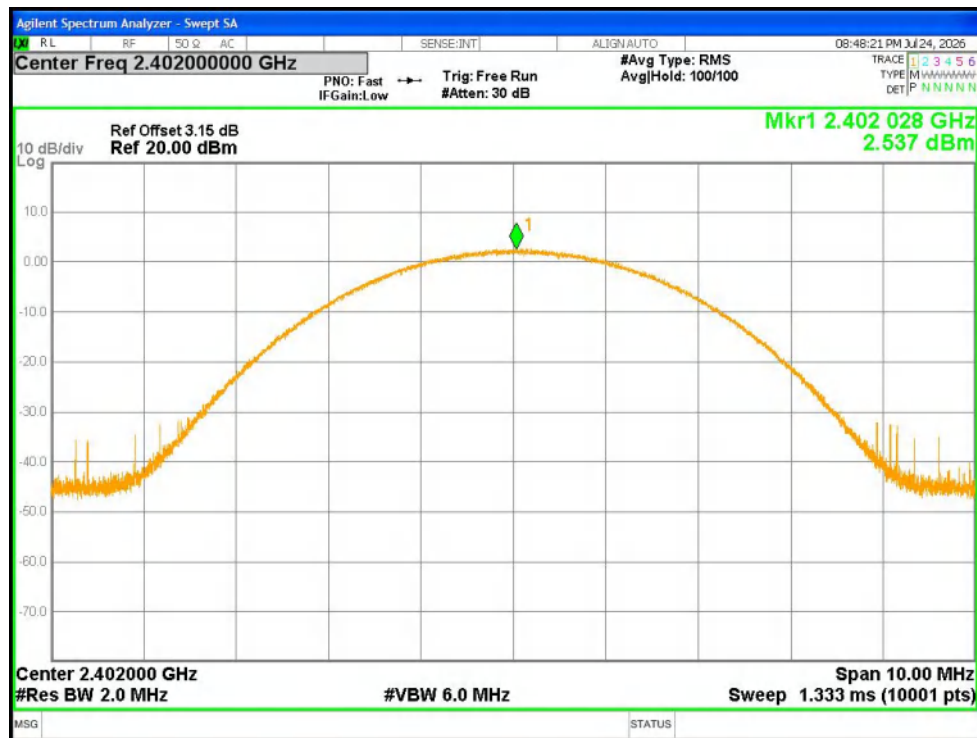


Peak Power NVNT 2-DH5 2441MHz Ant1

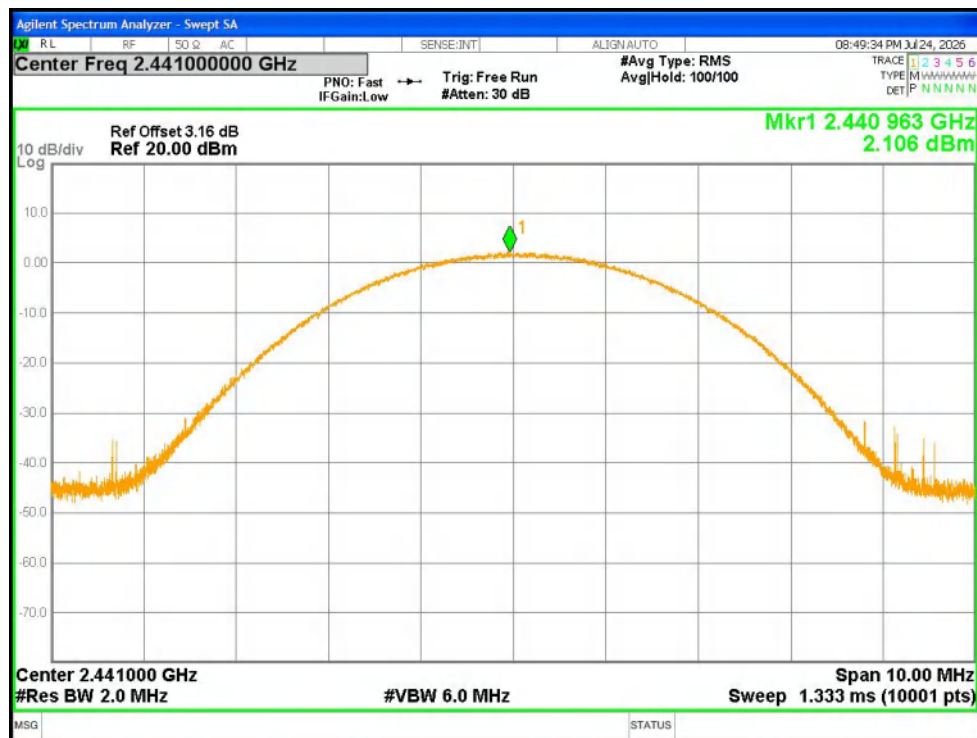


Peak Power NVNT 2-DH5 2480MHz Ant1

# Report

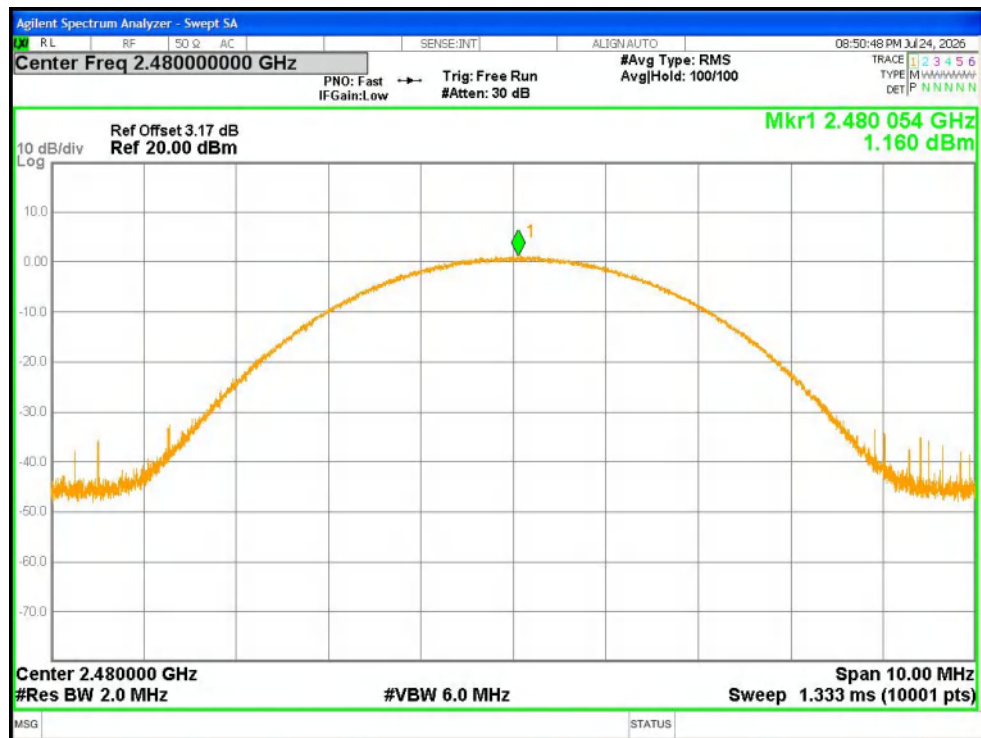


Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1

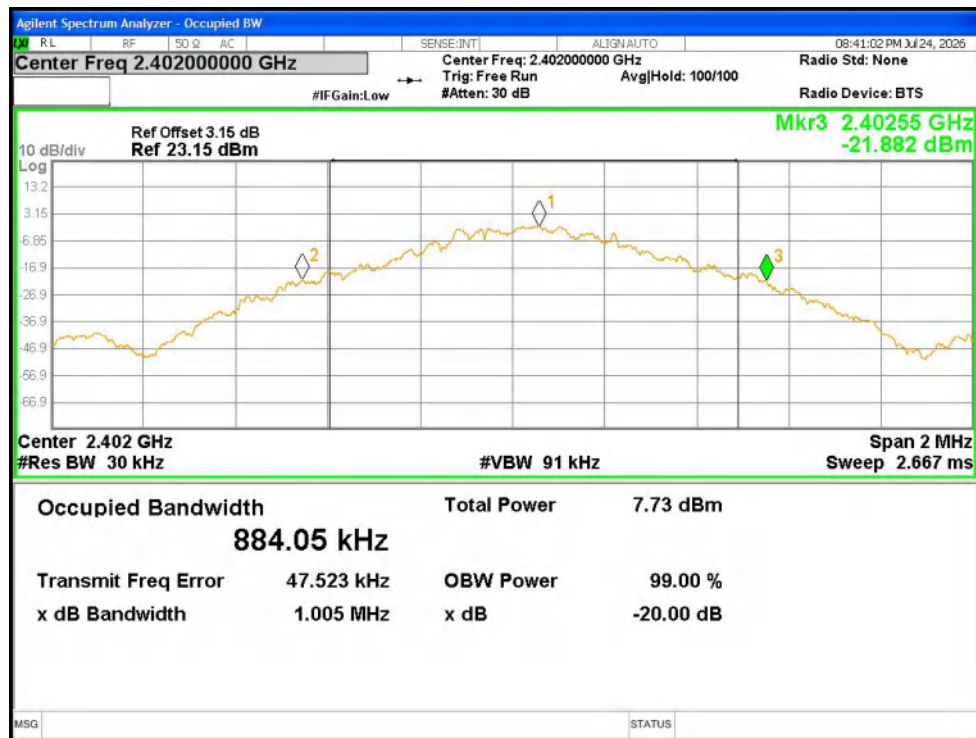
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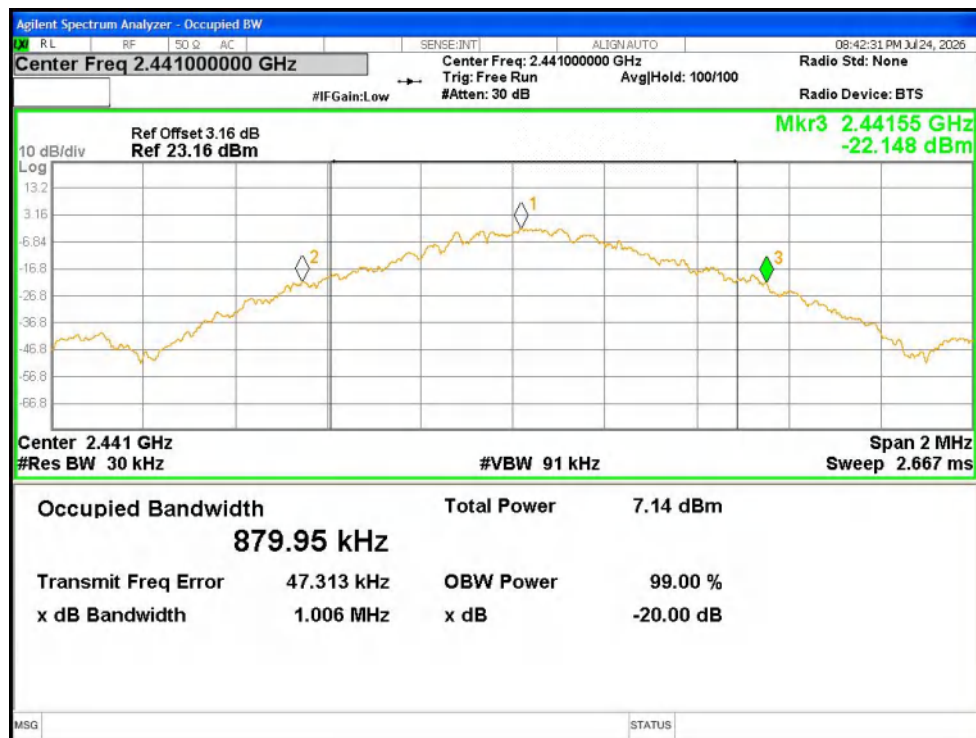
Peak Power NVNT 3-DH5 2480MHz Ant1

## 2. -20dB Bandwidth

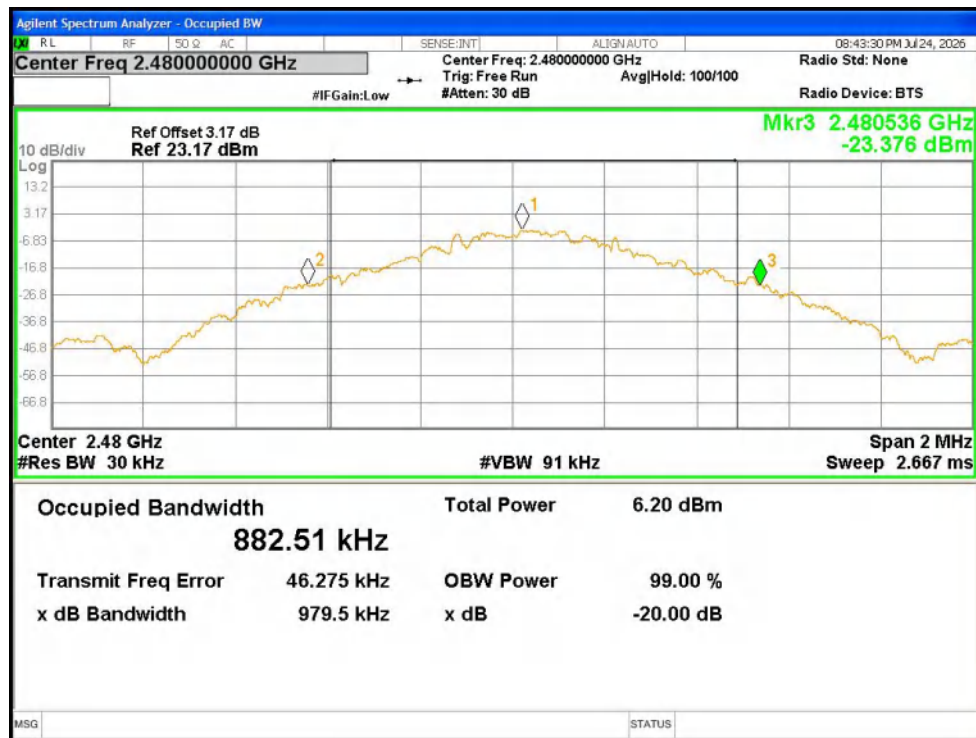
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 1.005                  | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 1.006                  | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.979                  | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.32                   | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.294                  | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.311                  | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.289                  | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.31                   | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.3                    | Pass    |



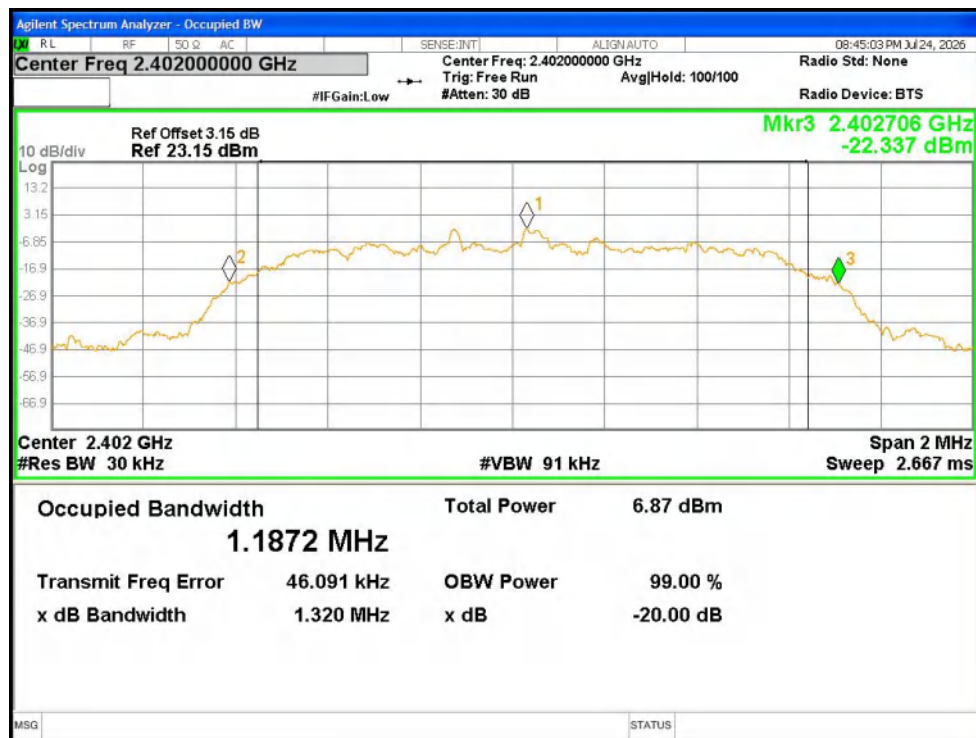
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

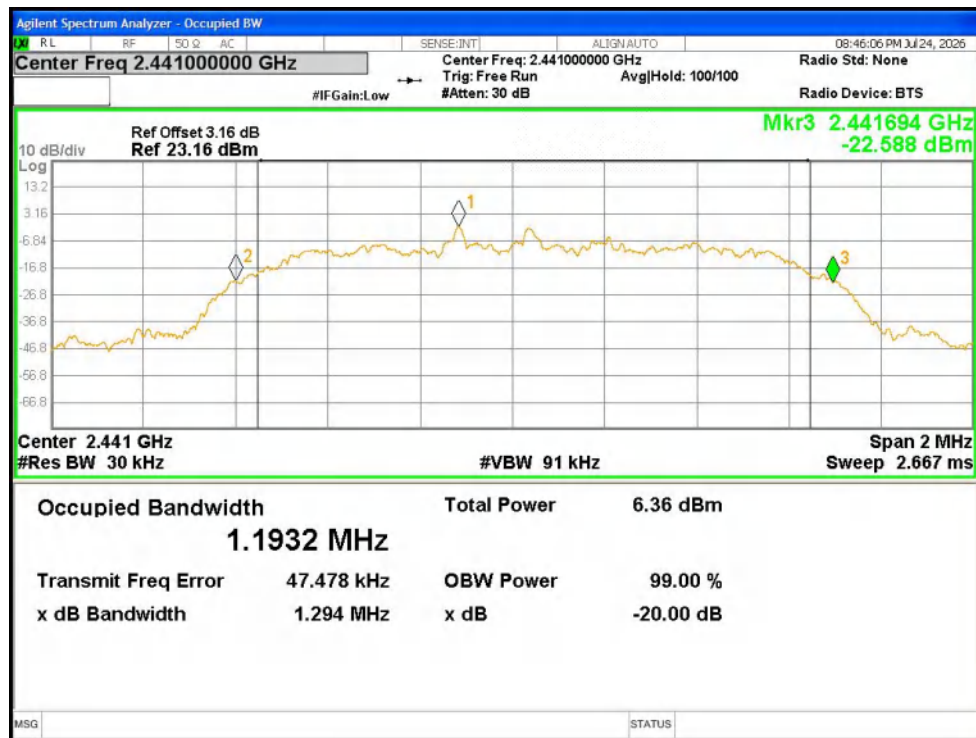


-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

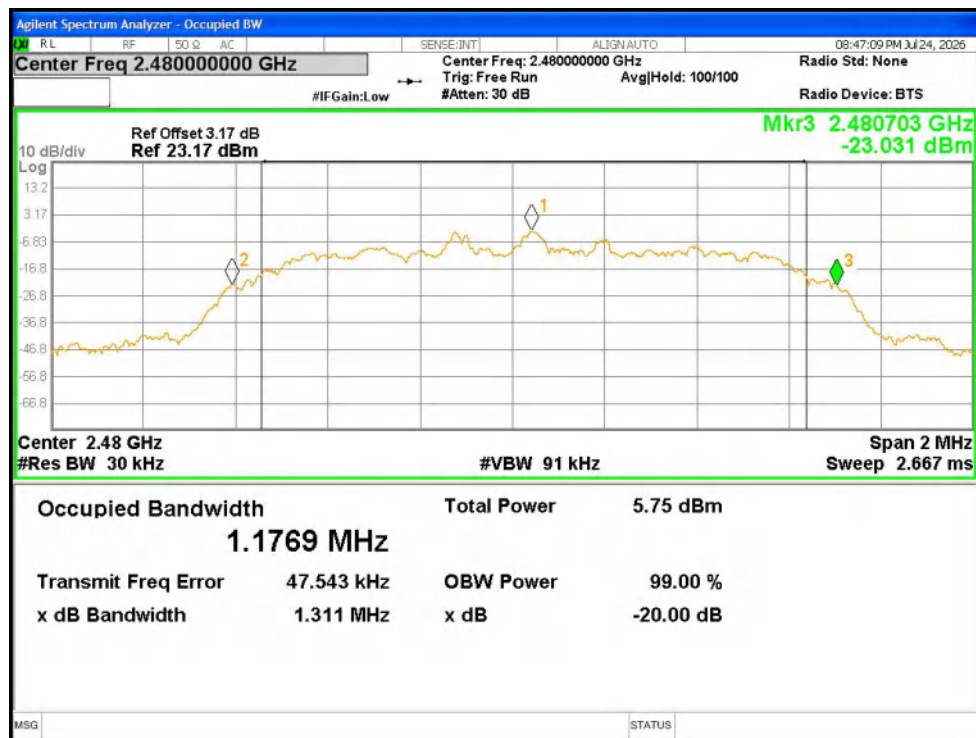


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

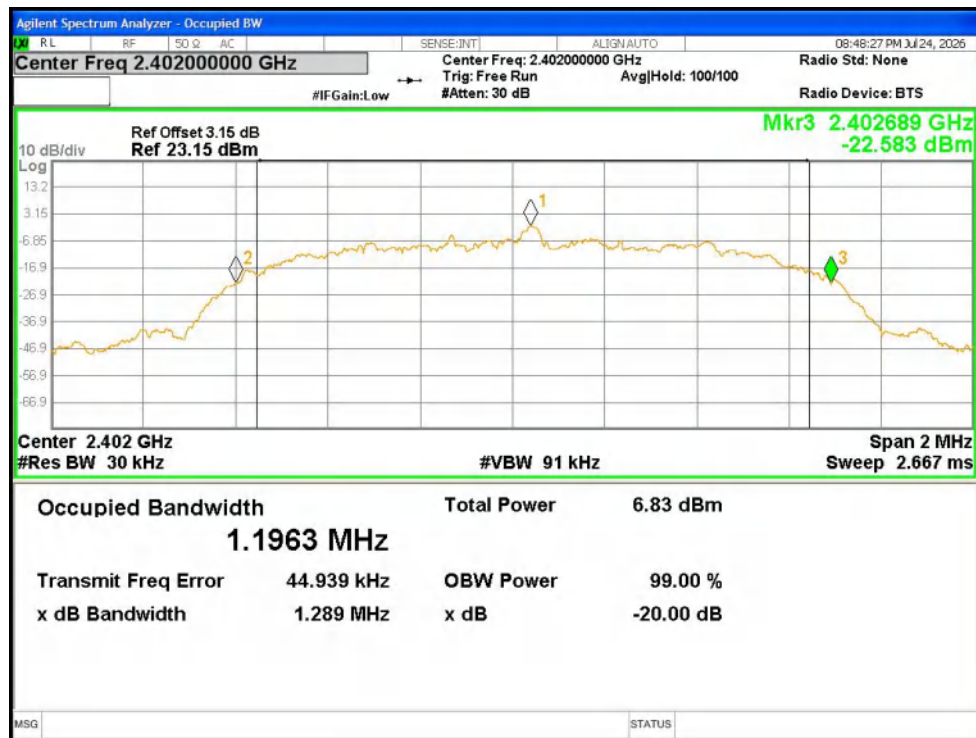
# Report



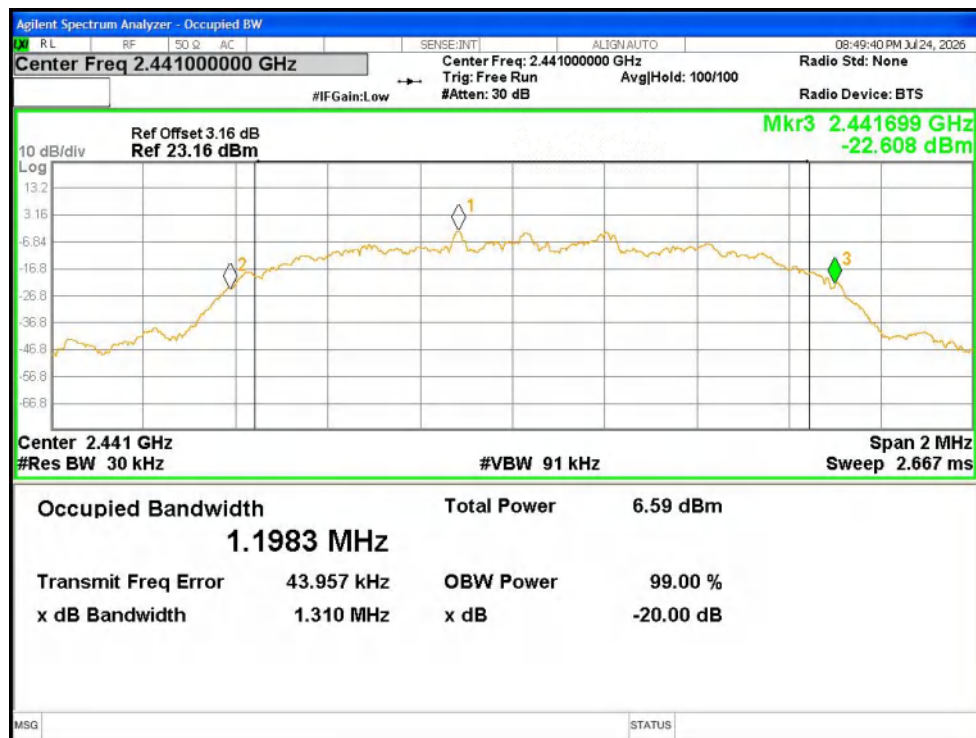
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



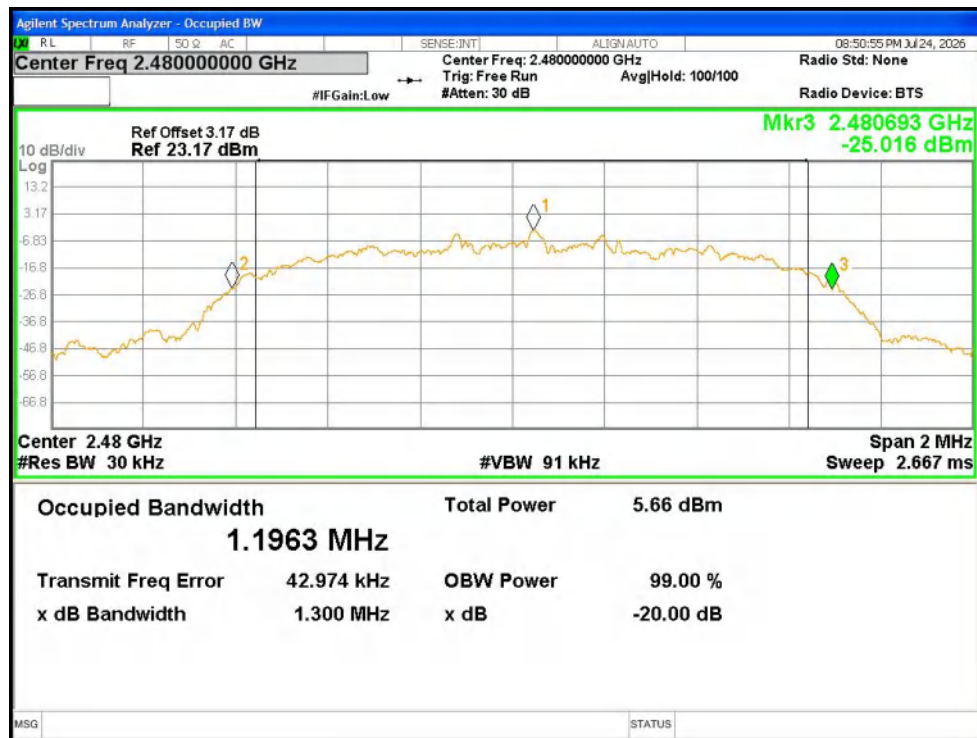
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

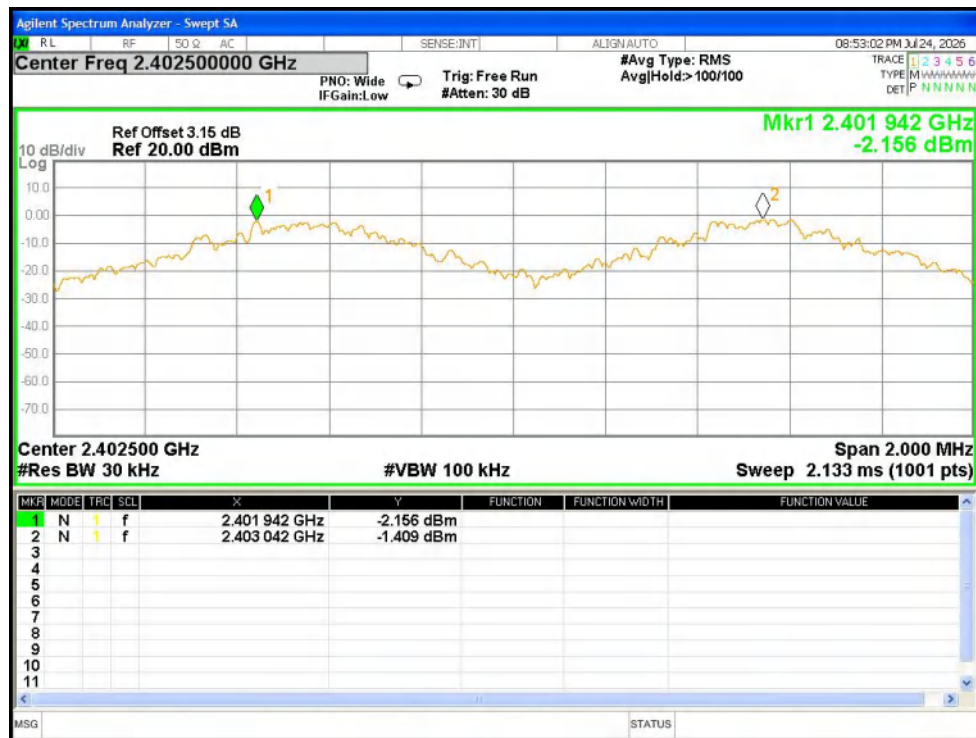


-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

### 3. Carrier Frequencies Separation

| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2401.942            | 2403.042            | 1.1       | 0.67        | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2441.02             | 2442.062            | 1.042     | 0.671       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2479.036            | 2480.034            | 0.998     | 0.653       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2401.874            | 2403.032            | 1.158     | 0.88        | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2440.884            | 2441.886            | 1.002     | 0.863       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2478.874            | 2480.028            | 1.154     | 0.874       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2402.05             | 2403.048            | 0.998     | 0.859       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2441.04             | 2442.05             | 1.01      | 0.873       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2479.036            | 2480.044            | 1.008     | 0.867       | Pass    |

# Report

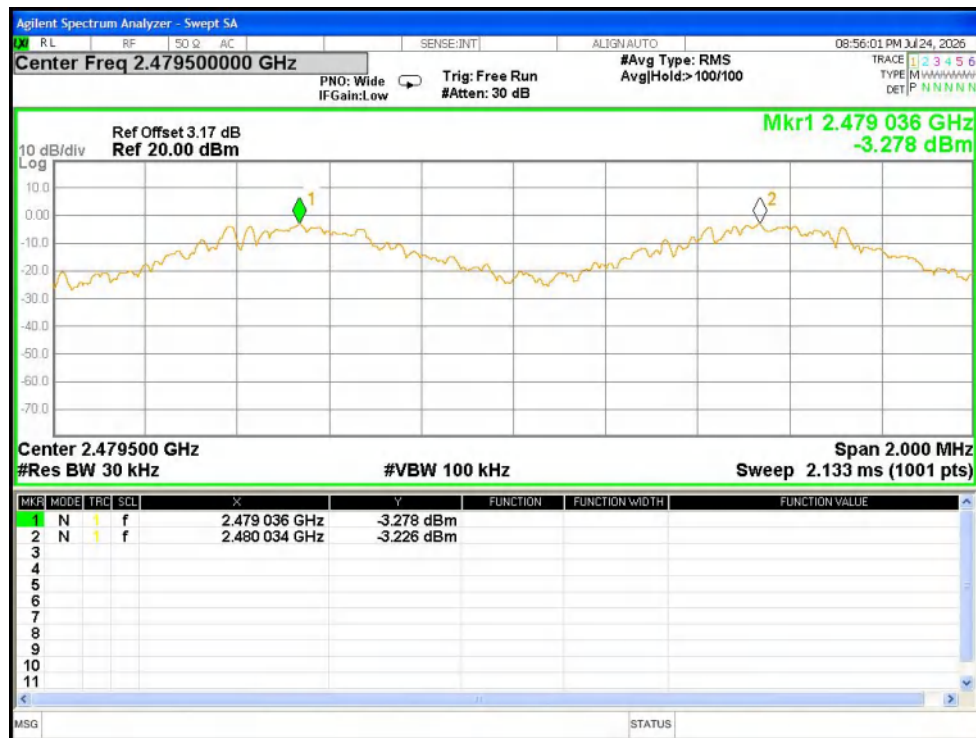


CFS NVNT 1-DH5 2402MHz Ant1

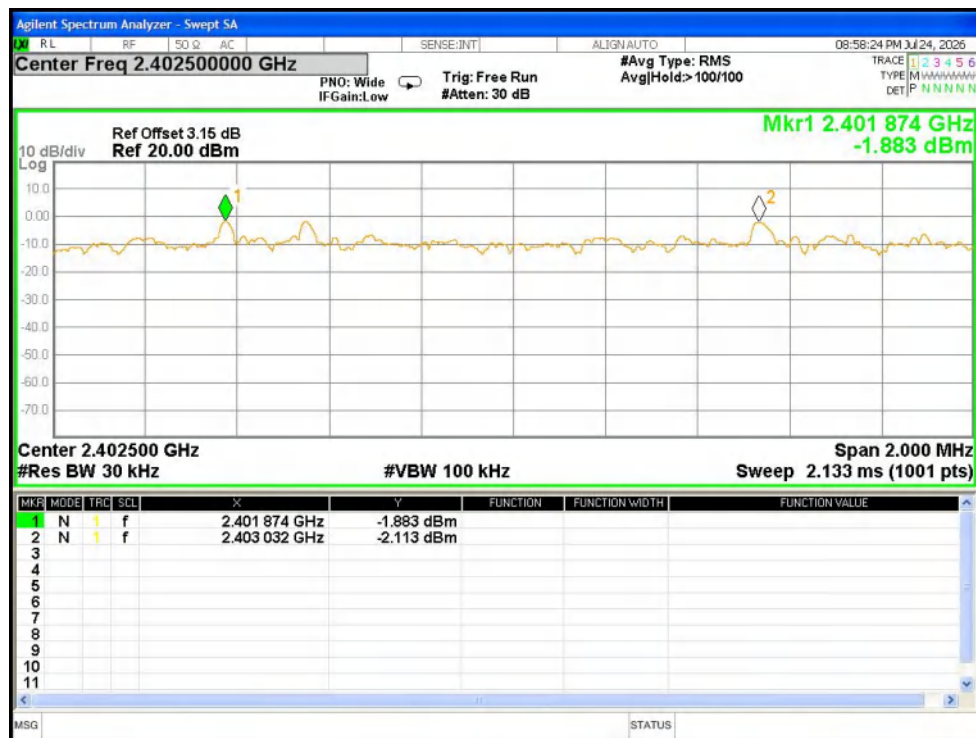


CFS NVNT 1-DH5 2441MHz Ant1

# Report

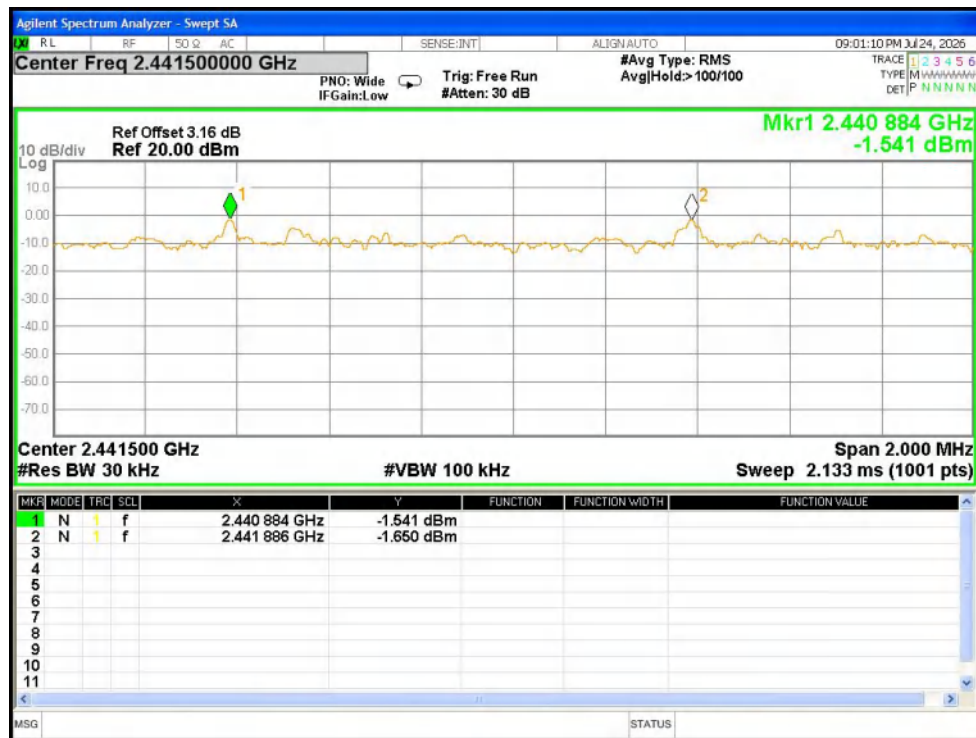


CFS NVNT 1-DH5 2480MHz Ant1

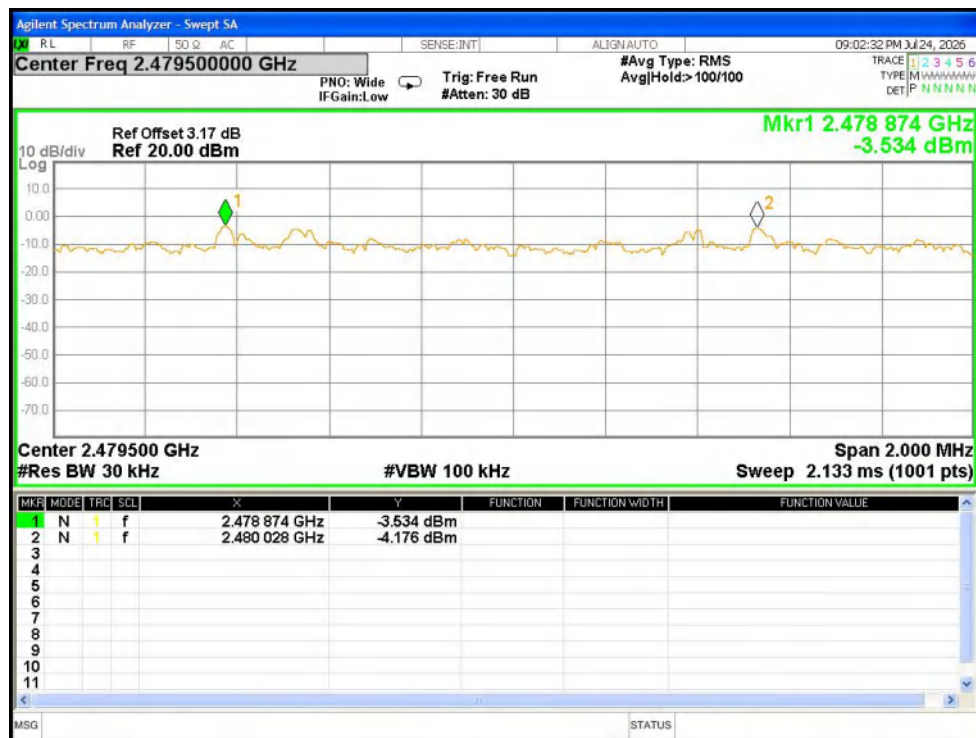


CFS NVNT 2-DH5 2402MHz Ant1

# Report

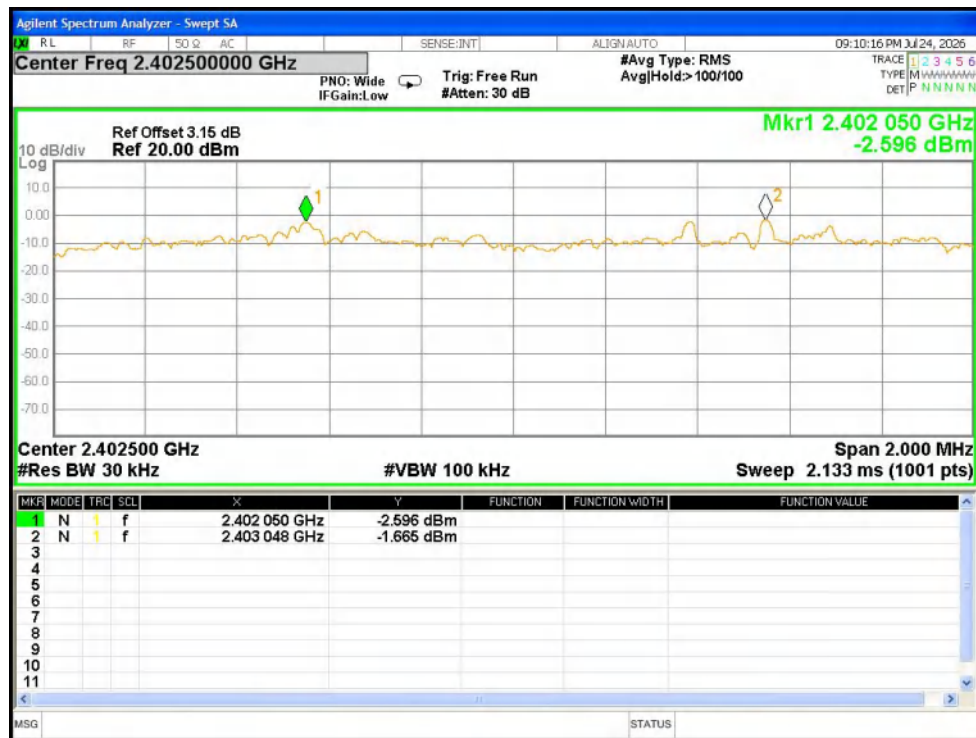


CFS NVNT 2-DH5 2441MHz Ant1

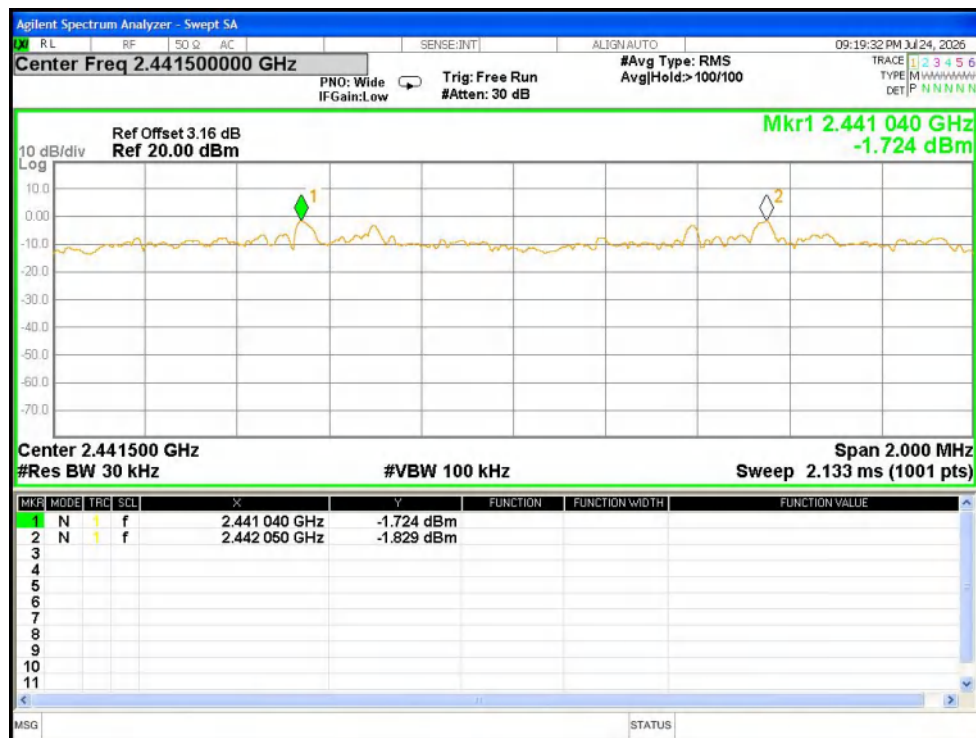


CFS NVNT 2-DH5 2480MHz Ant1

# Report

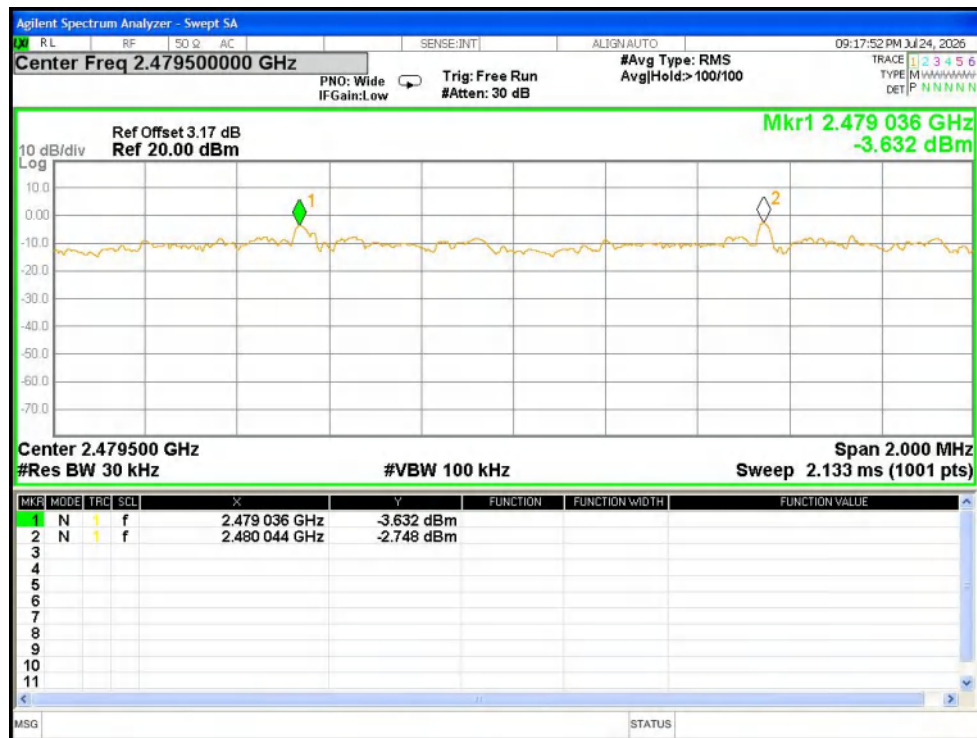


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

# Report

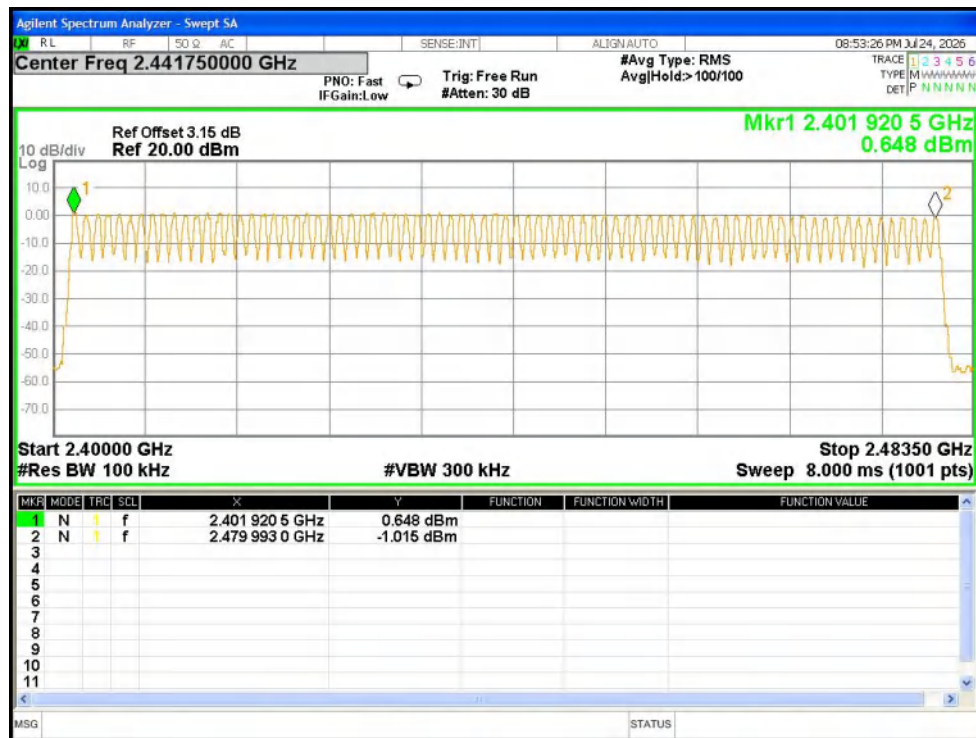


CFS NVNT 3-DH5 2480MHz Ant1

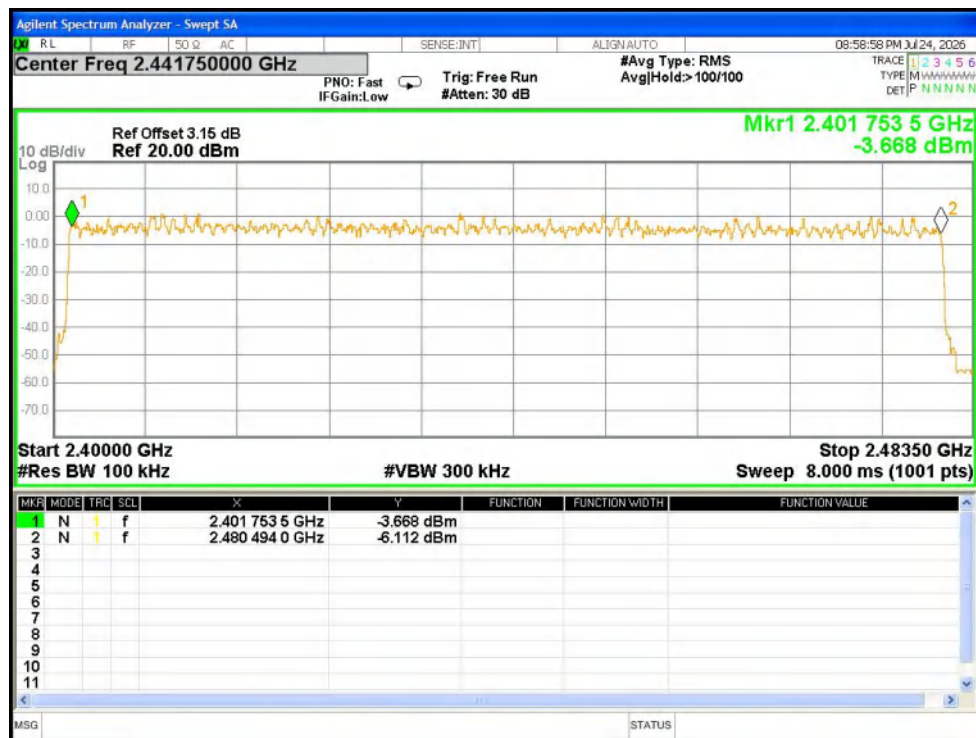
## 4. Number of Hopping Channel

| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79             | 15    | Pass    |

# Report



Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1

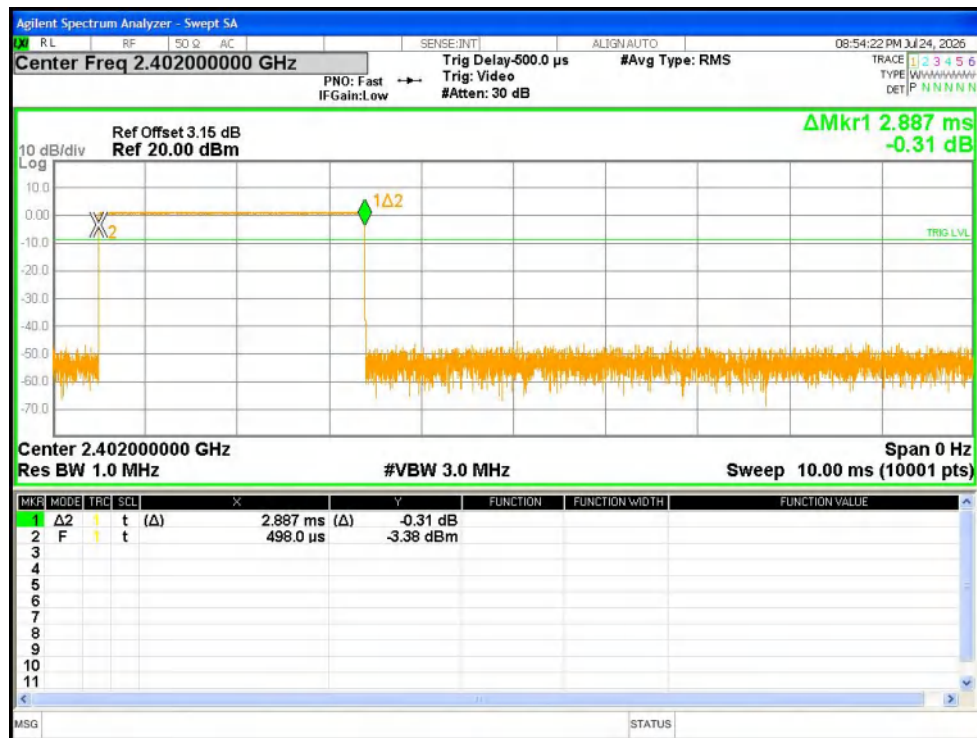
# Report



Hopping No. NVNT 3-DH5 2402MHz Ant1

## 5. Dwell Time

| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse Time<br>(ms) | Total Dwell Time<br>(ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|--------------------|--------------------------|----------------|---------------------|---------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | 2.887              | 294.474                  | 102            | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 2.887              | 294.474                  | 102            | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | 2.887              | 280.039                  | 97             | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2402               | Ant1    | 2.891              | 318.01                   | 110            | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 2.891              | 312.228                  | 108            | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2480               | Ant1    | 2.891              | 294.882                  | 102            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2402               | Ant1    | 2.894              | 277.824                  | 96             | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2441               | Ant1    | 2.893              | 303.765                  | 105            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2480               | Ant1    | 2.893              | 303.765                  | 105            | 31600               | 400           | Pass    |



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



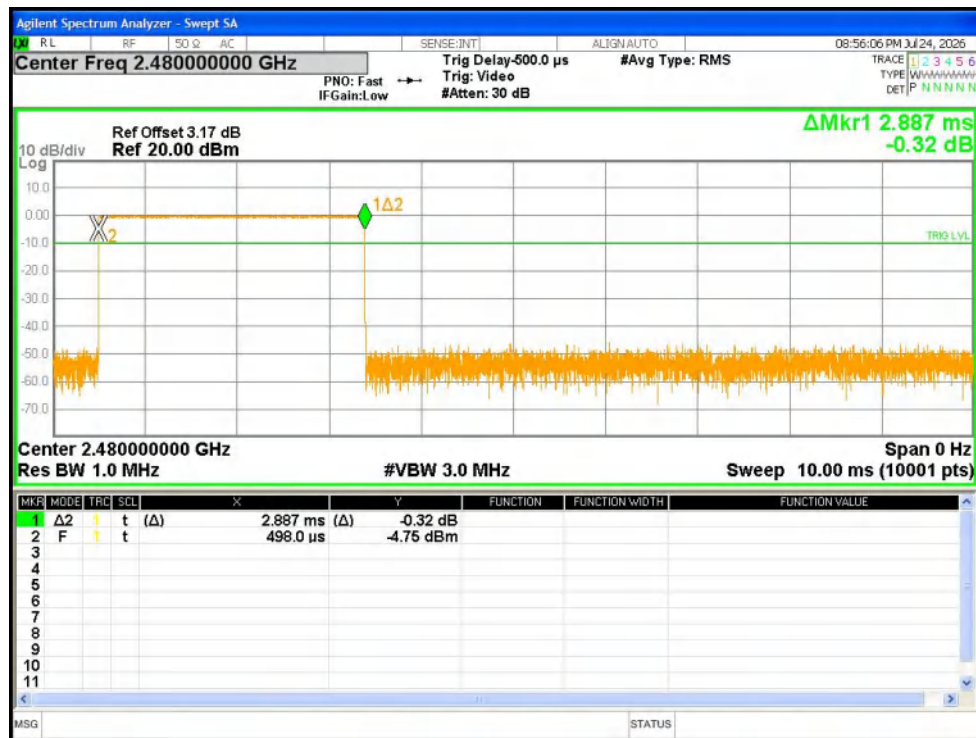
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



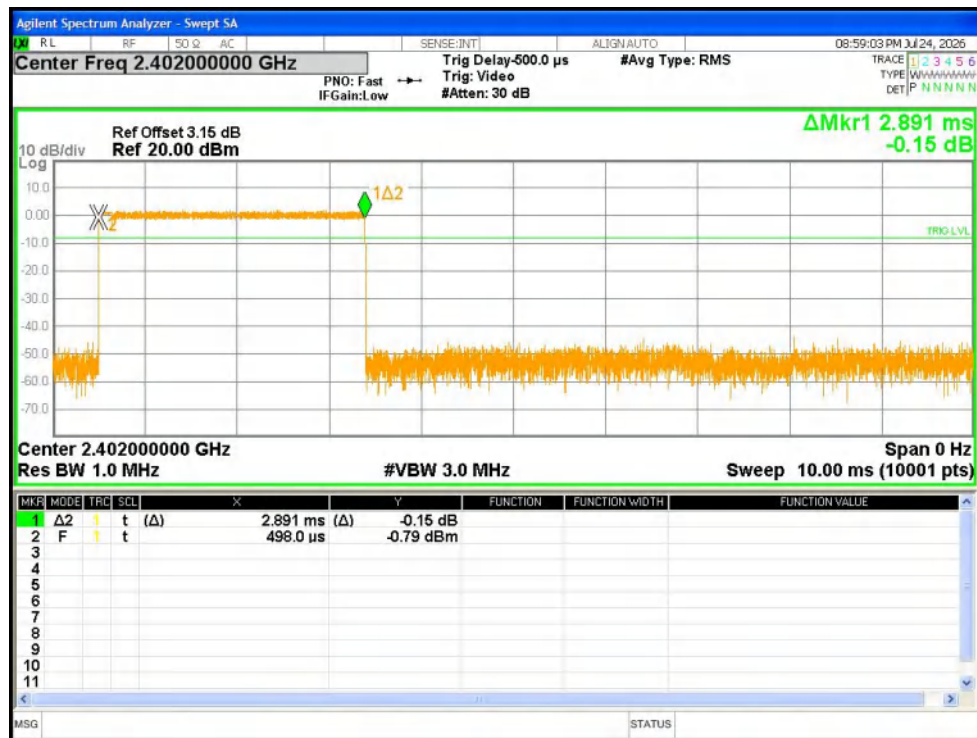
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



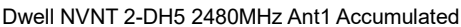
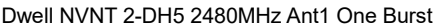
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

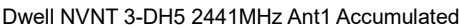
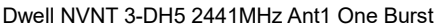




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





Dwell NVNT 3-DH5 2480MHz Ant1 One Burst

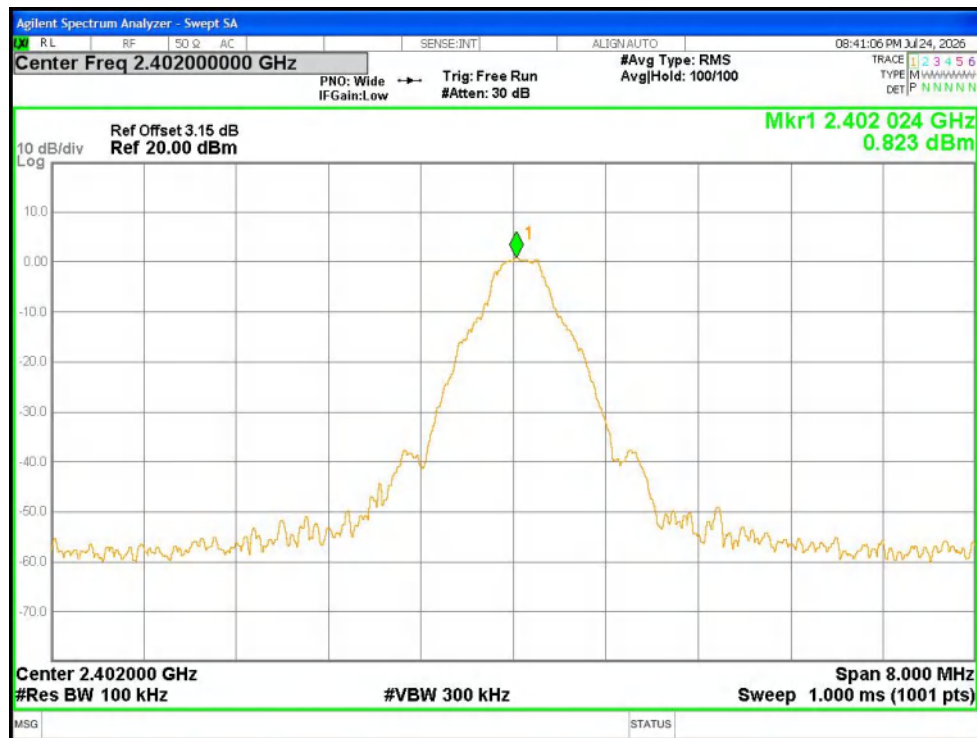


Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

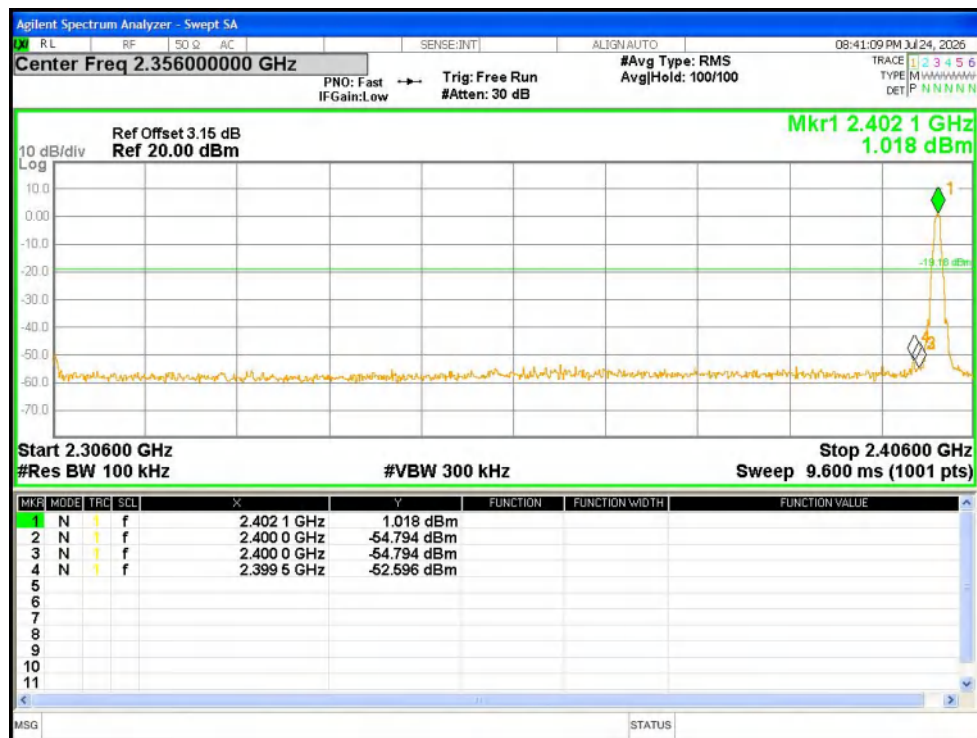
## 6. Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -53.41          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -54.12          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -54.43          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -54.77          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -49.52          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -54.64          | -20         | Pass    |

# Report



Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

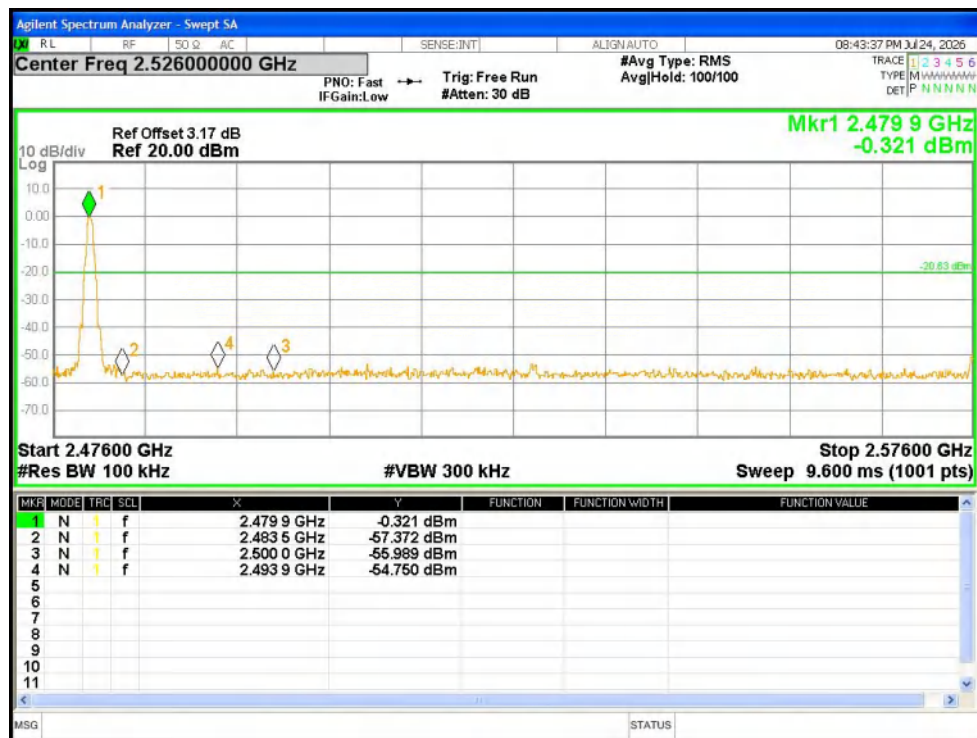


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

# Report

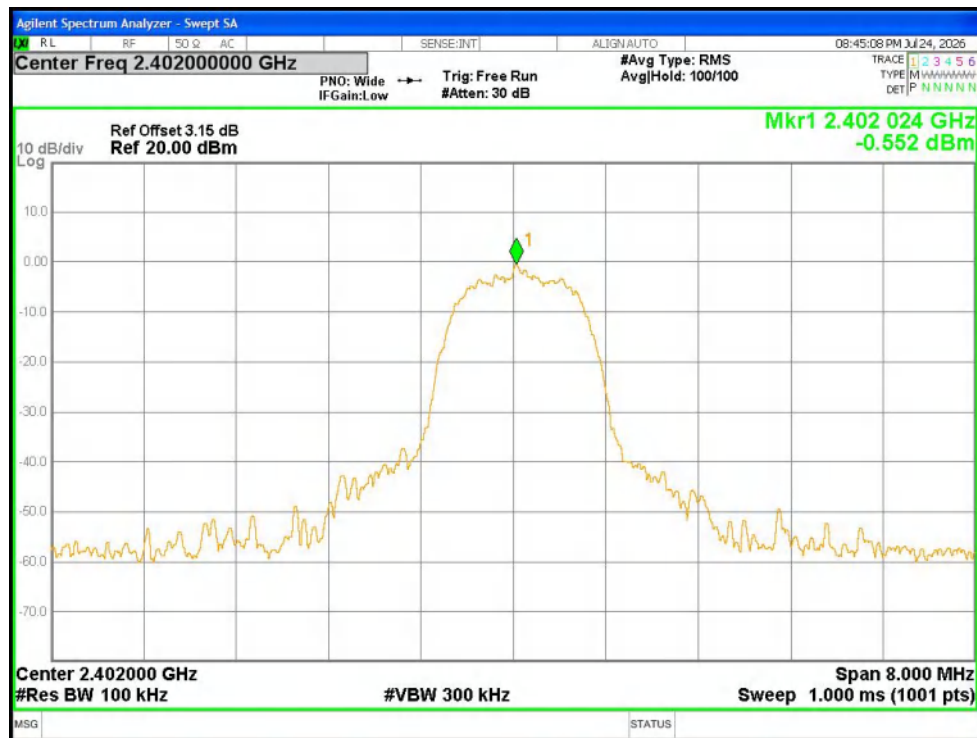


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

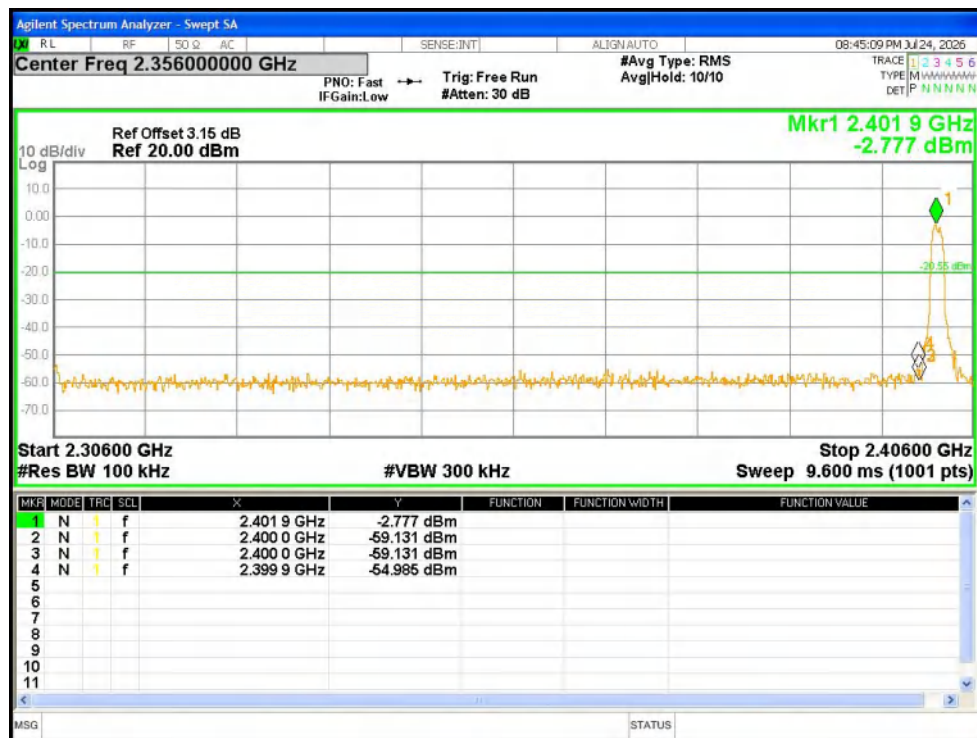


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

# Report

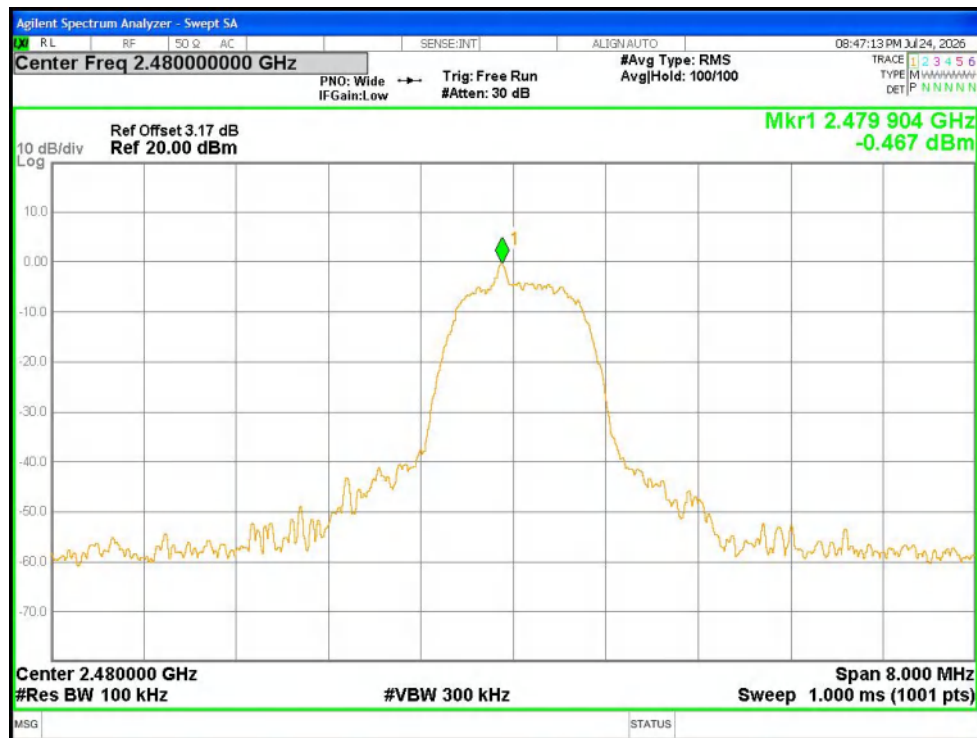


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

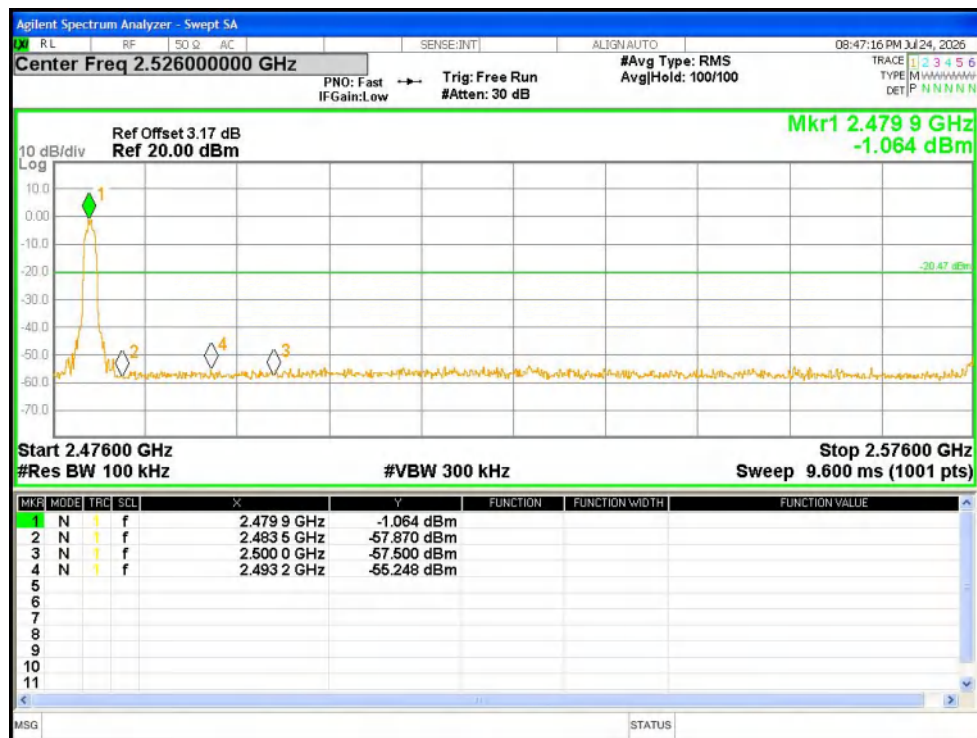


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

# Report

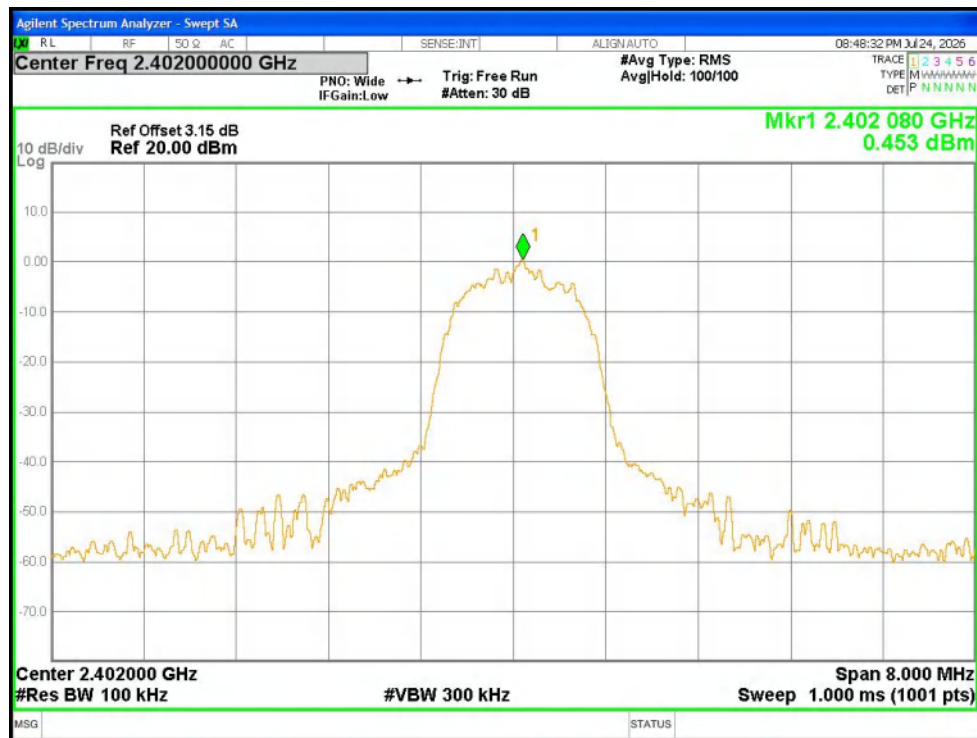


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

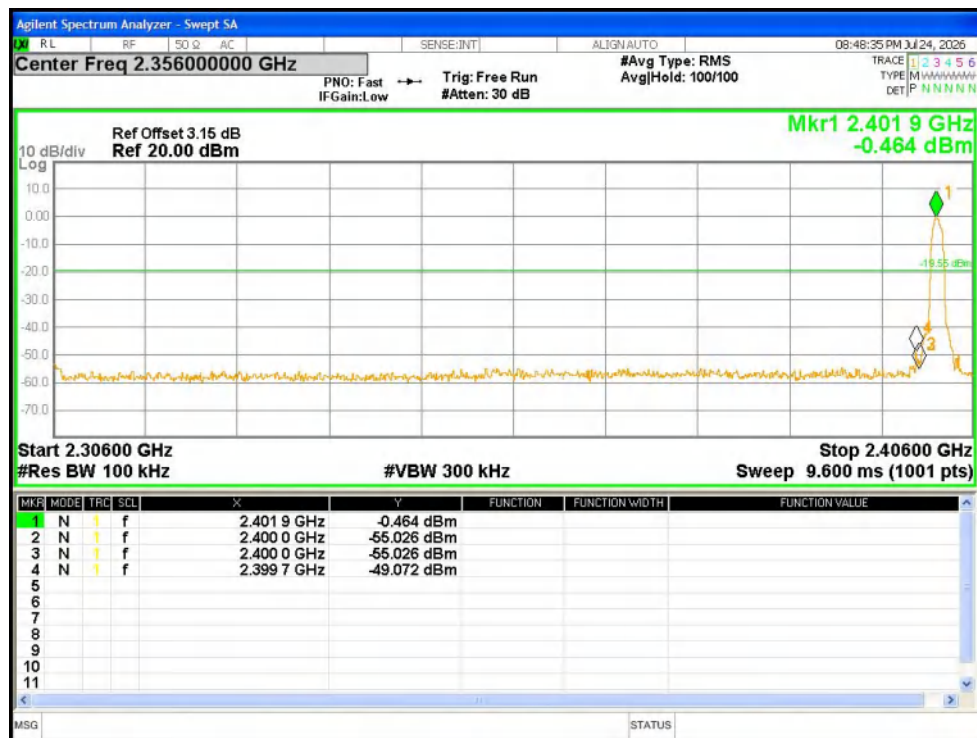


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

# Report



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

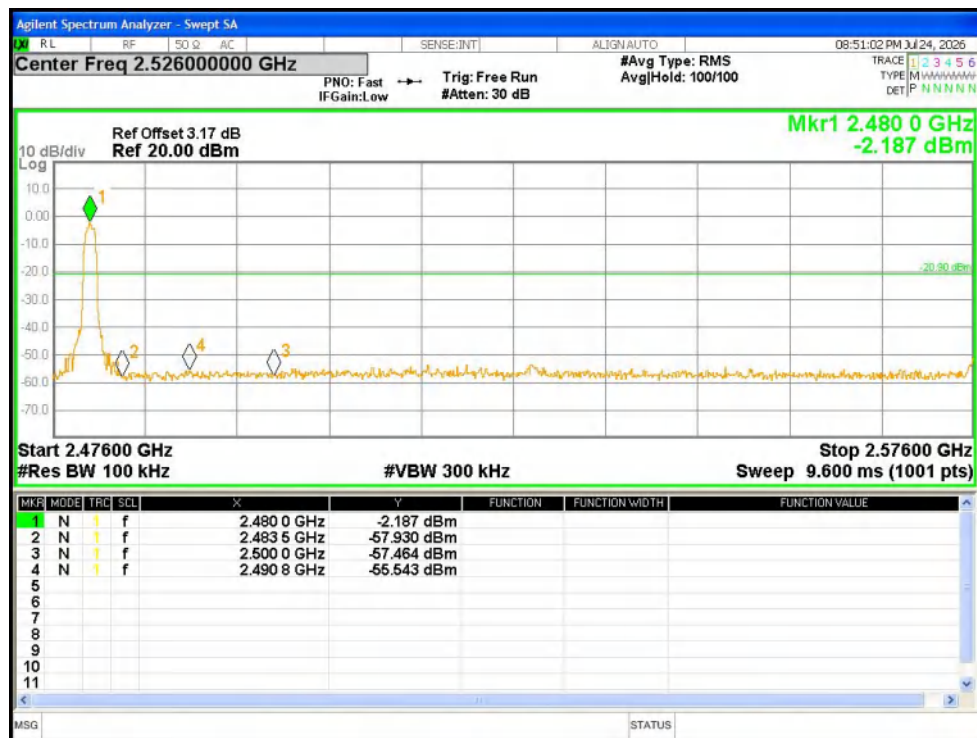


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

# Report



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

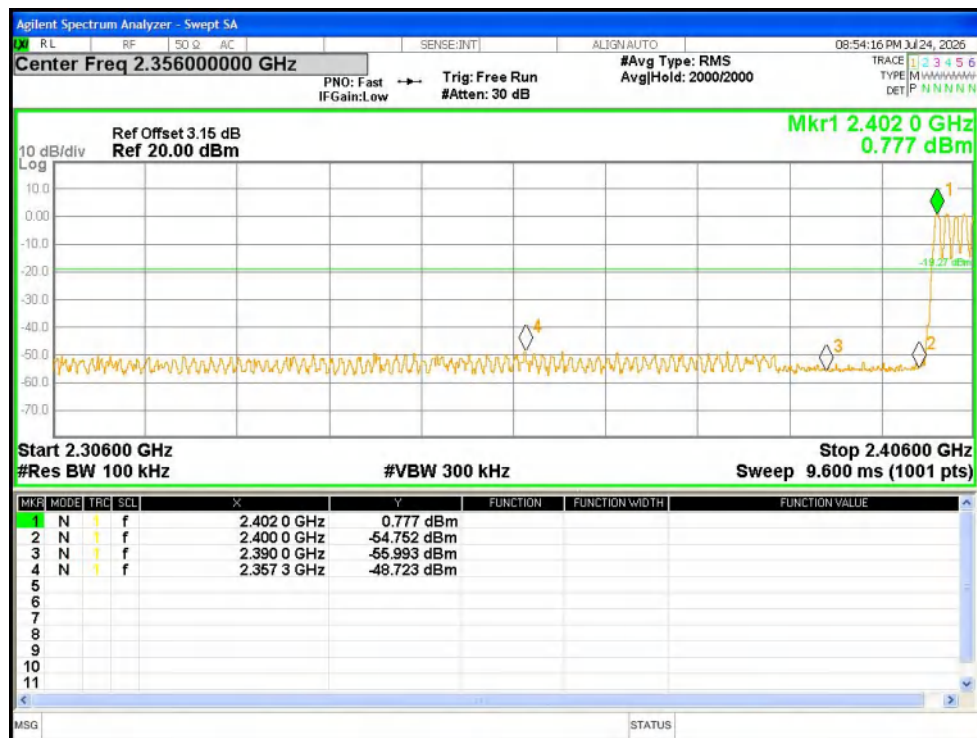
## 7. Band Edge(Hopping)

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -49.45          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -48.65          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -49.95          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -49.53          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -50.24          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -48.53          | -20         | Pass    |

# Report



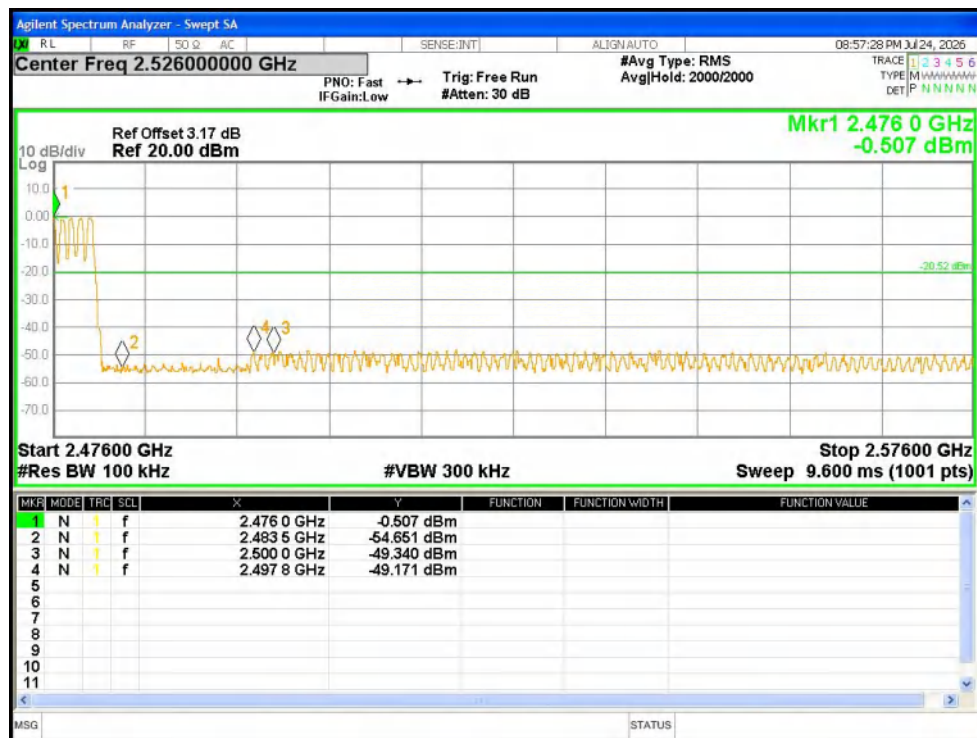
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



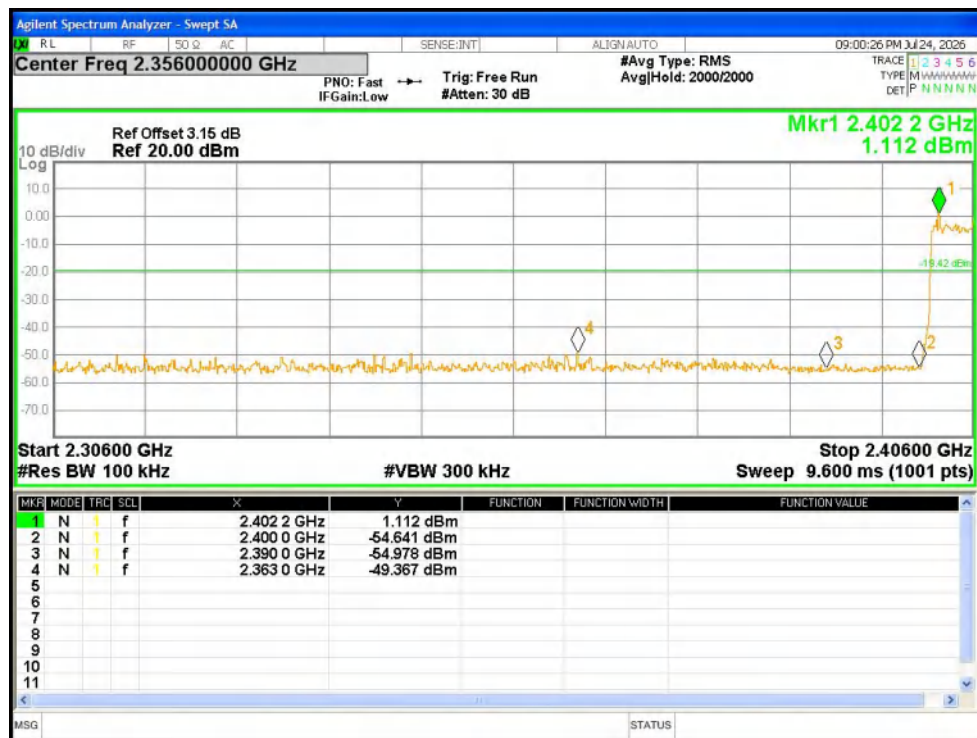
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

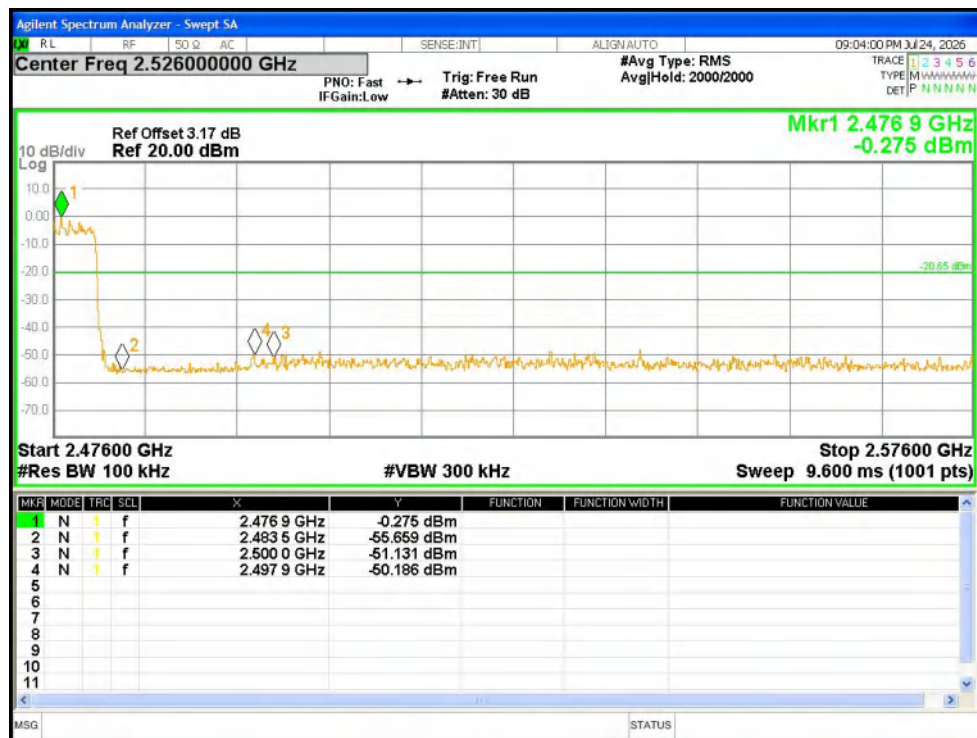


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

# Report



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

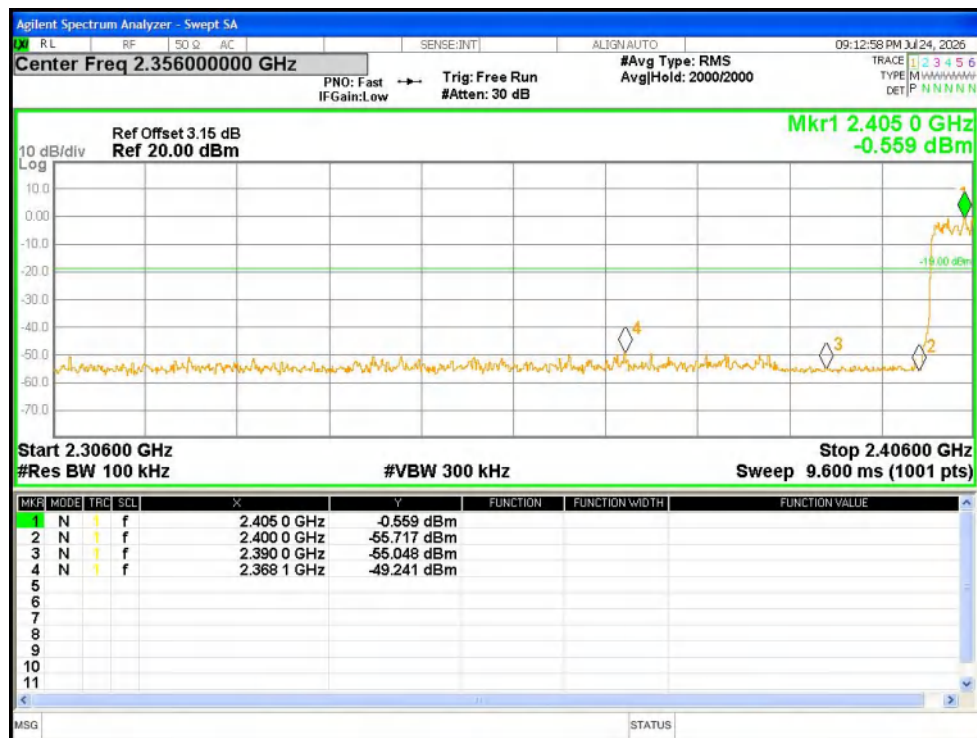


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

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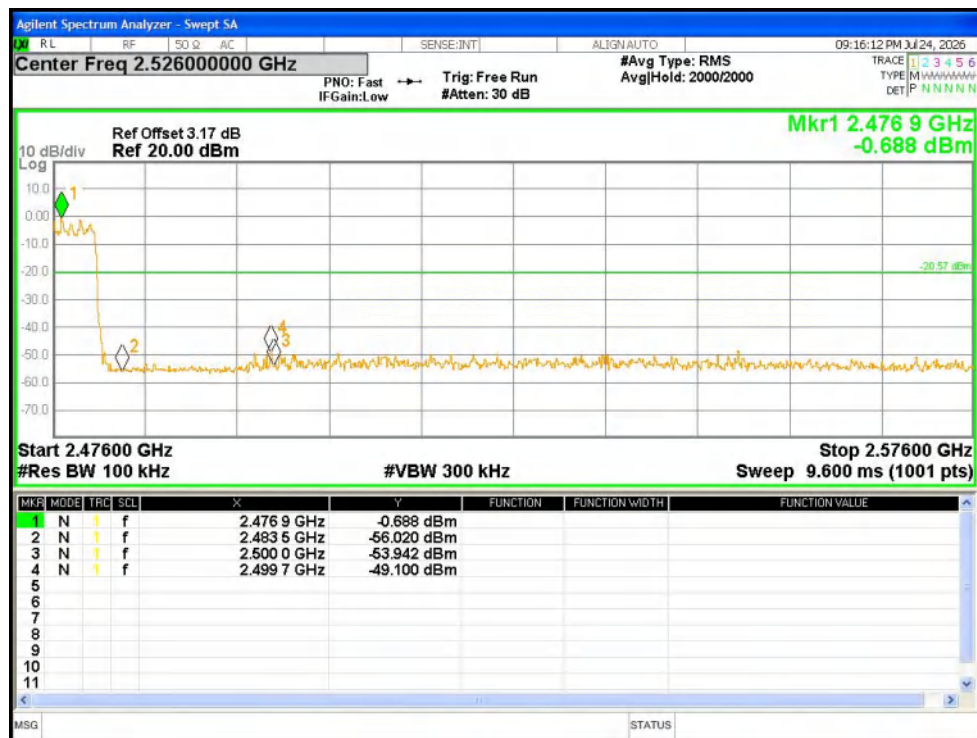
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



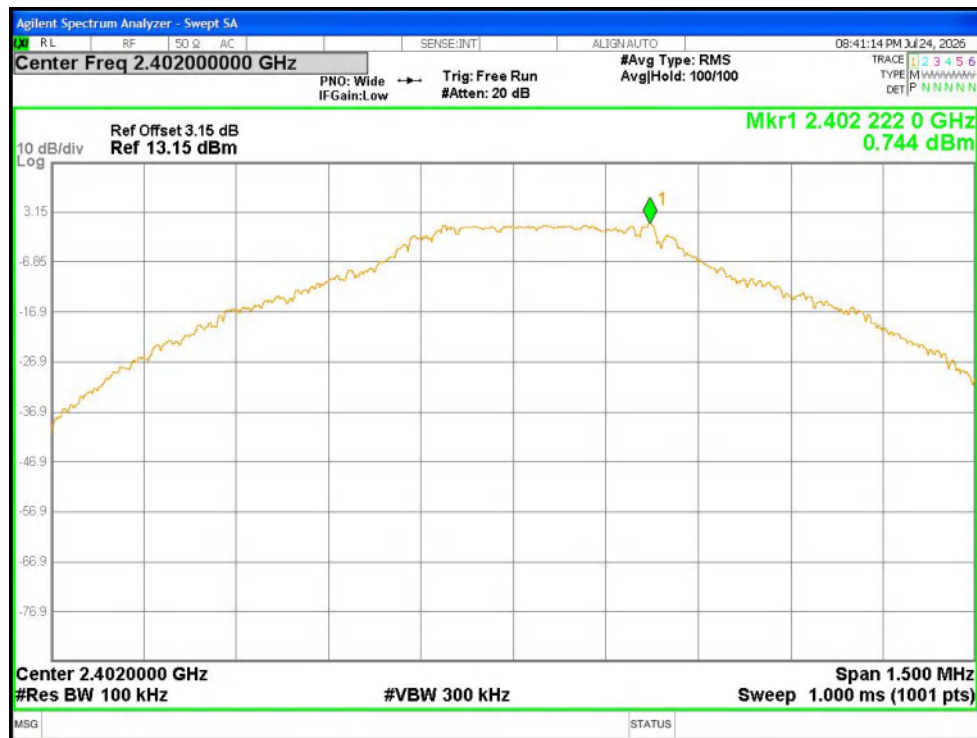
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



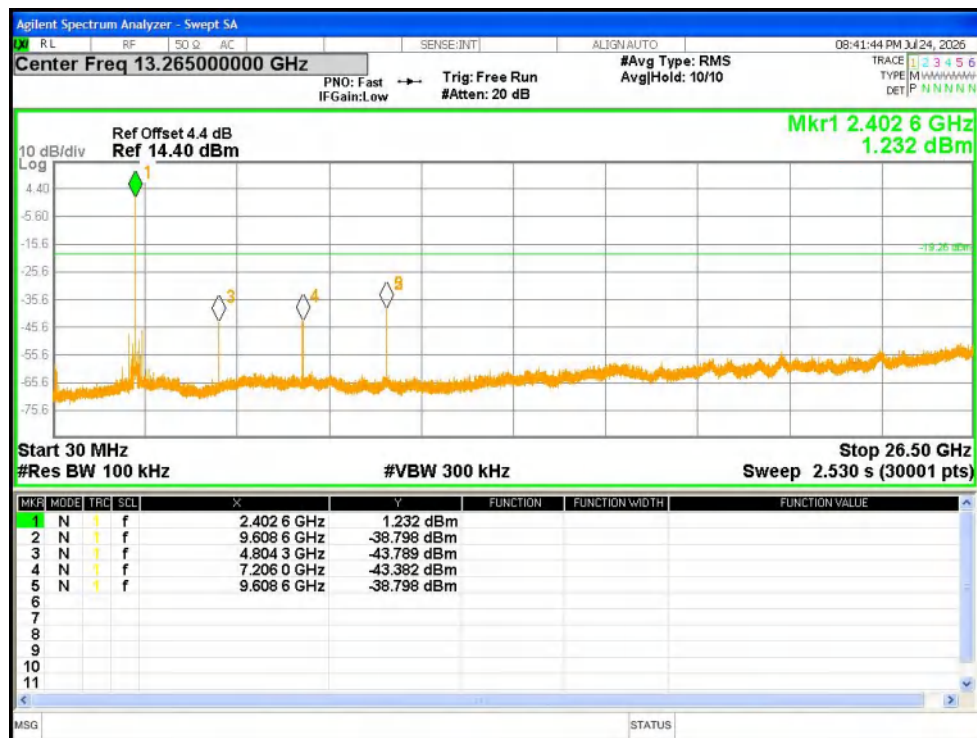
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

## 8. Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -39.53          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -38.81          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -38.35          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -39.16          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -37.47          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -37.48          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -39.29          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -38.57          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -38.12          | -20         | Pass    |



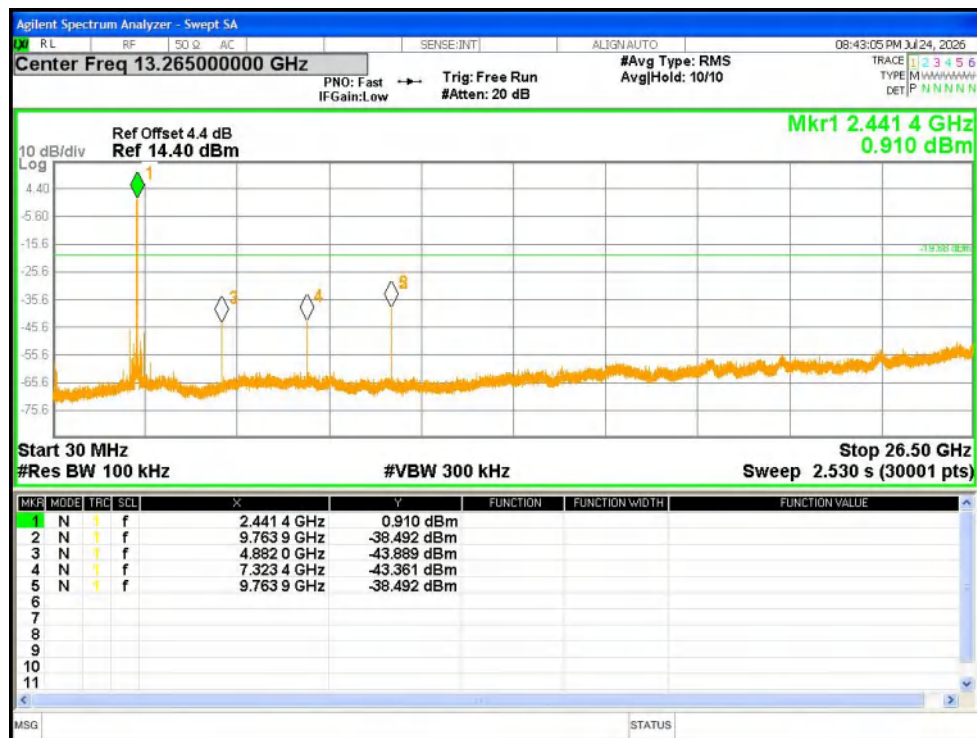
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



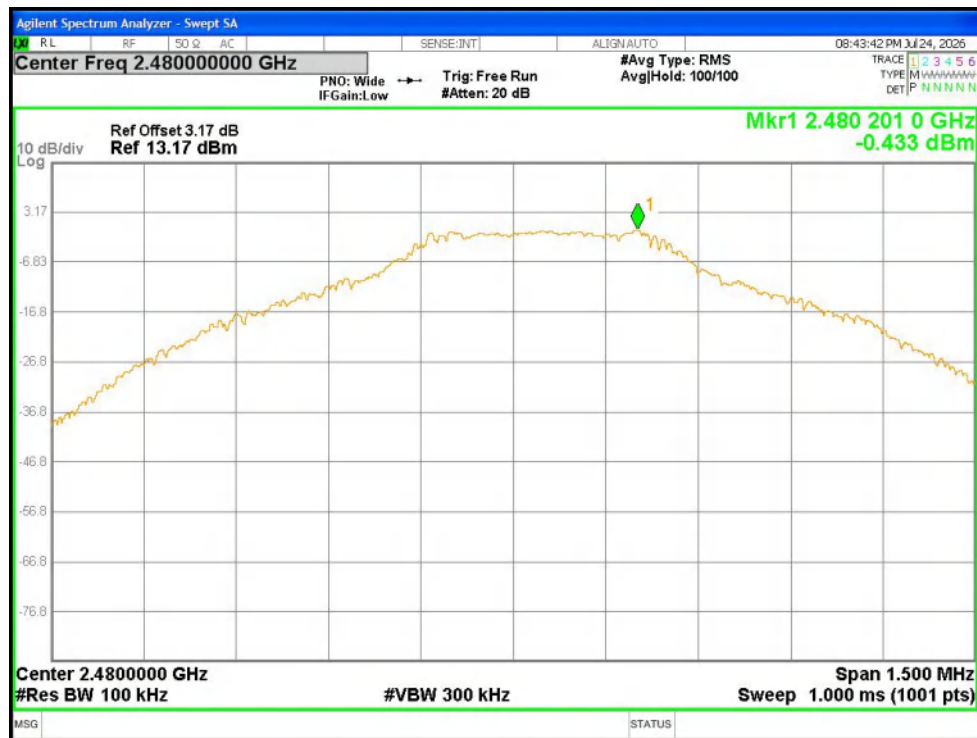
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



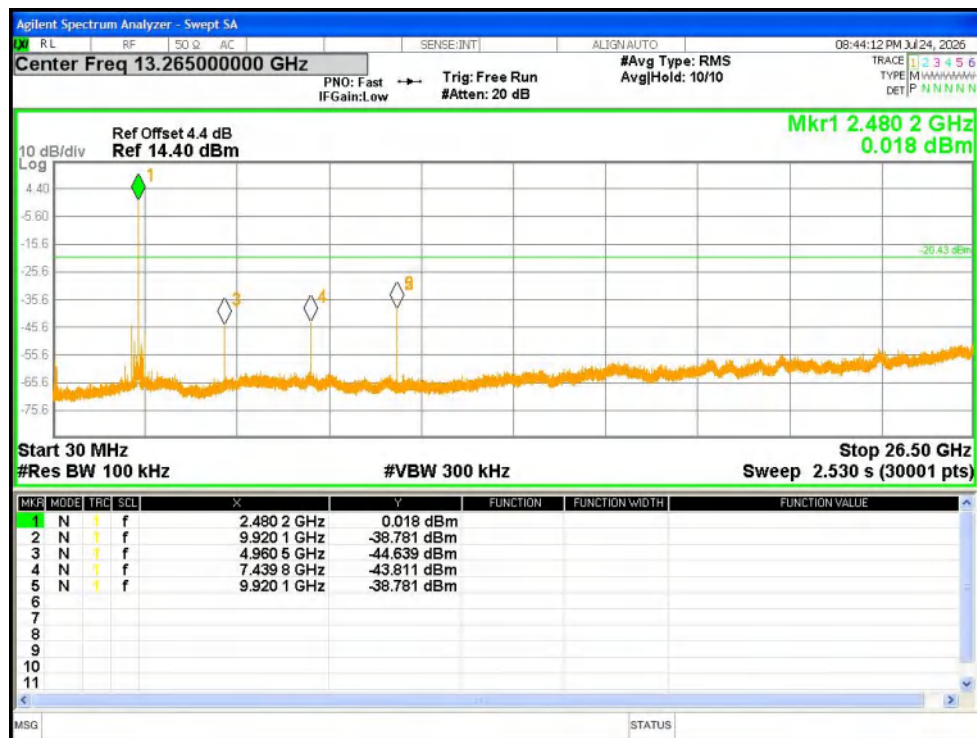
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



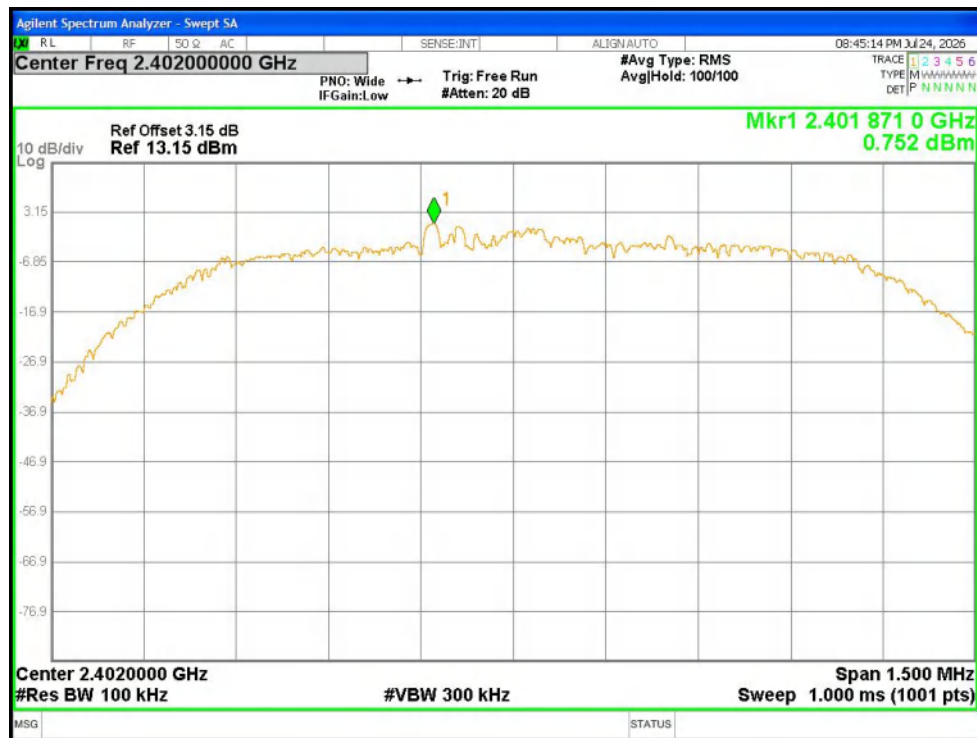
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



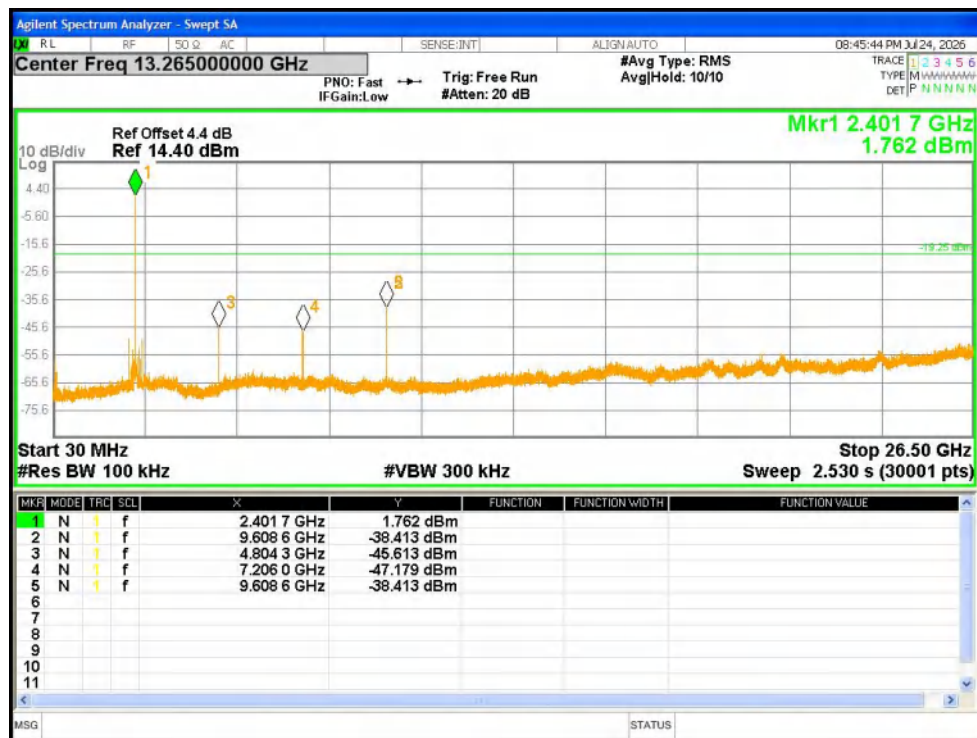
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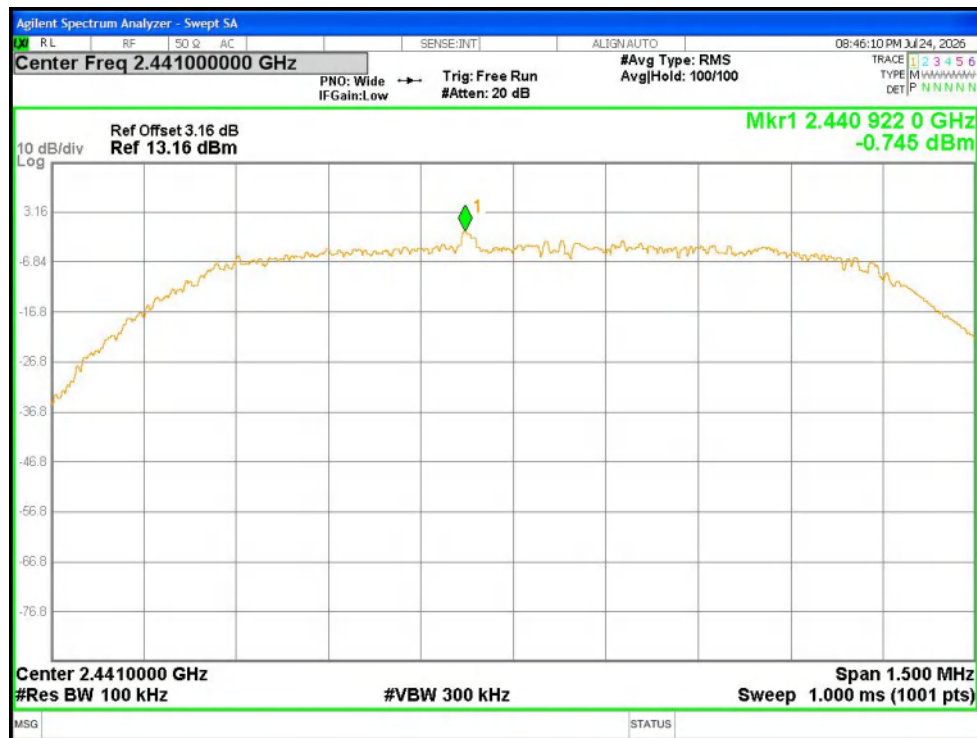
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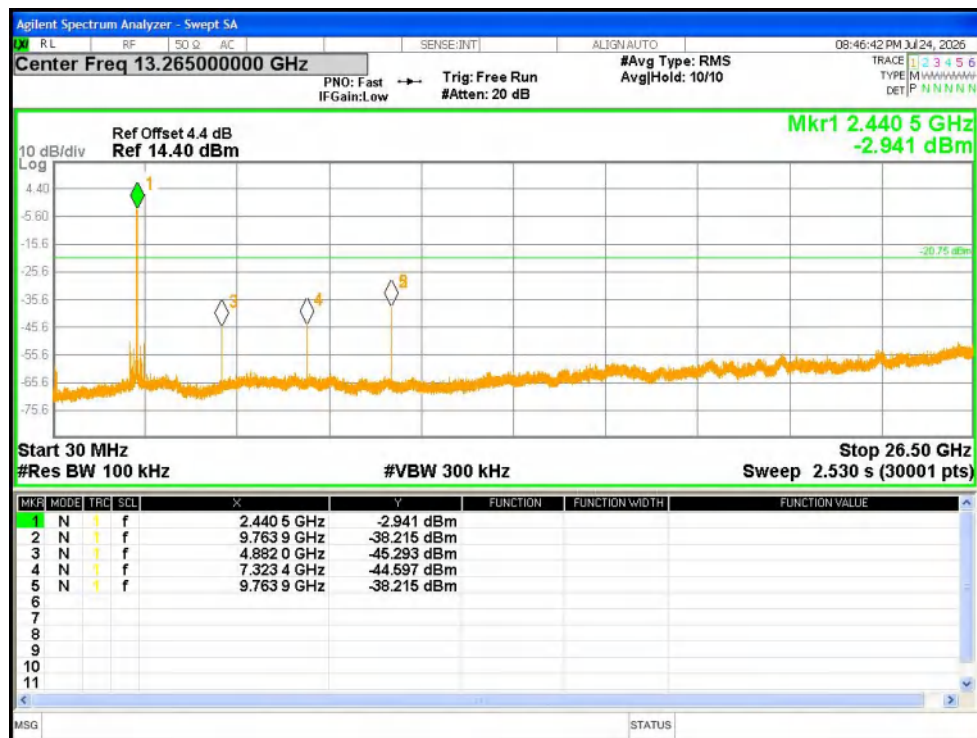
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

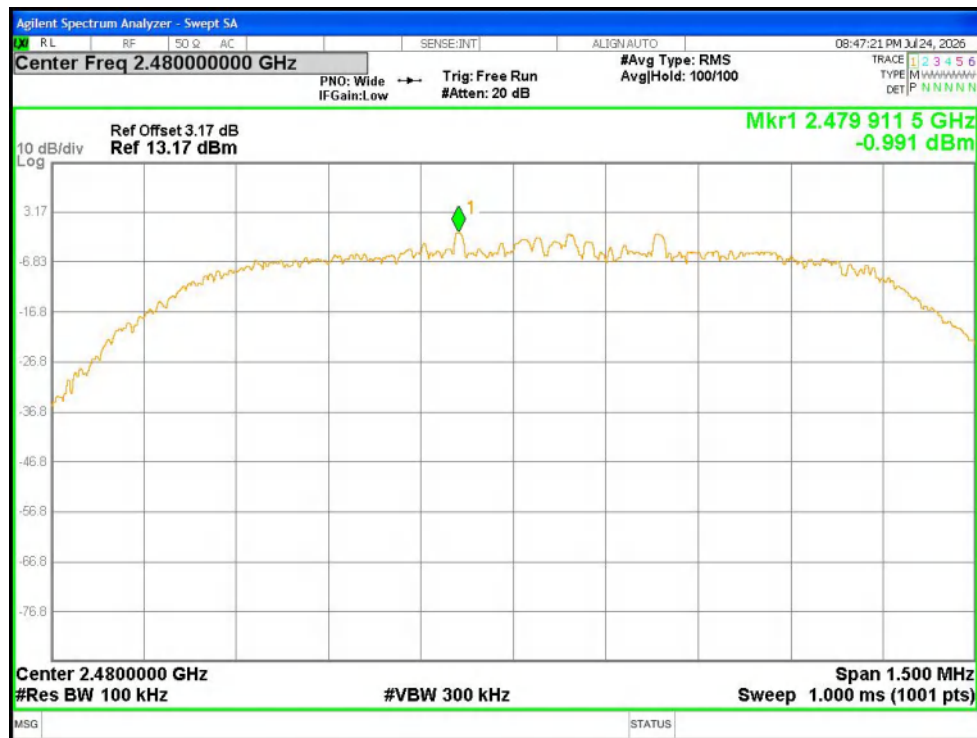


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

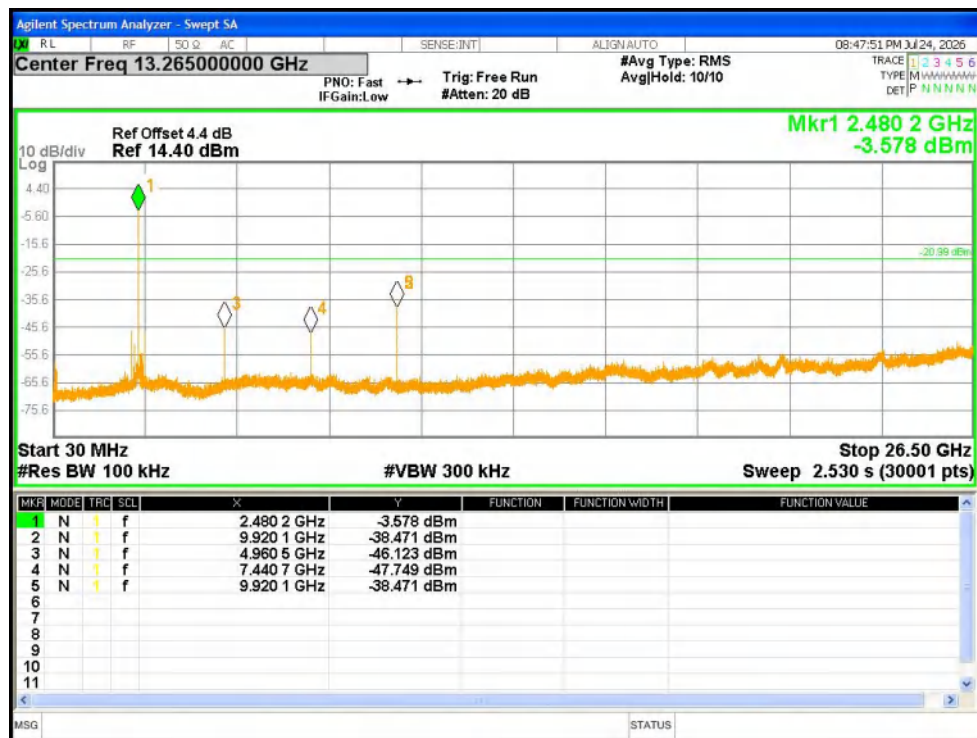


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

# Report



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

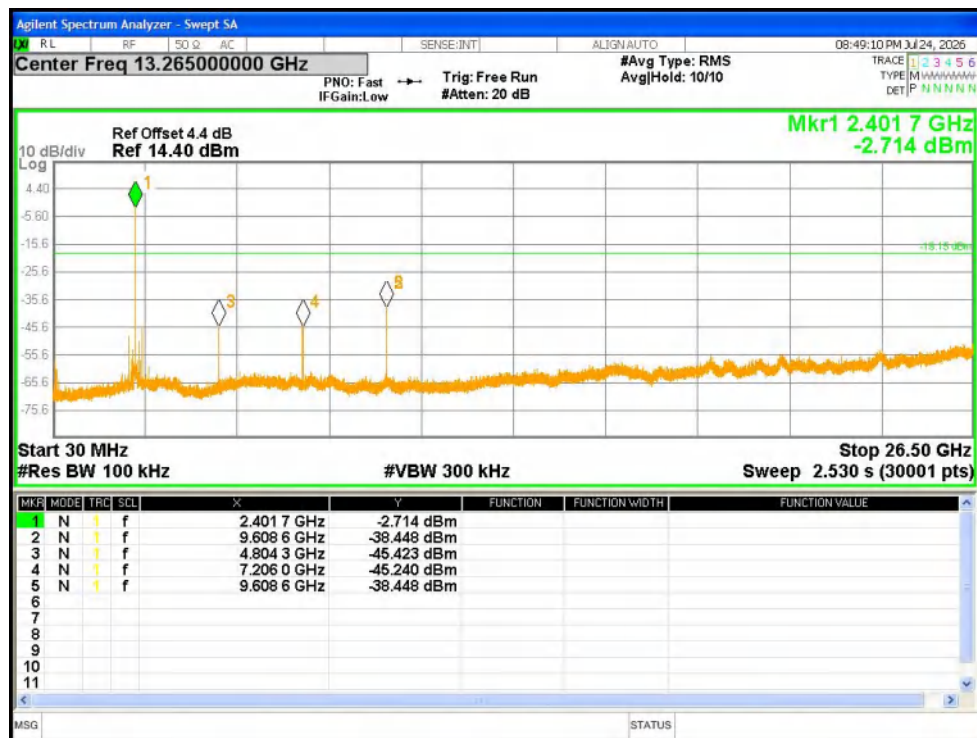


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

# Report

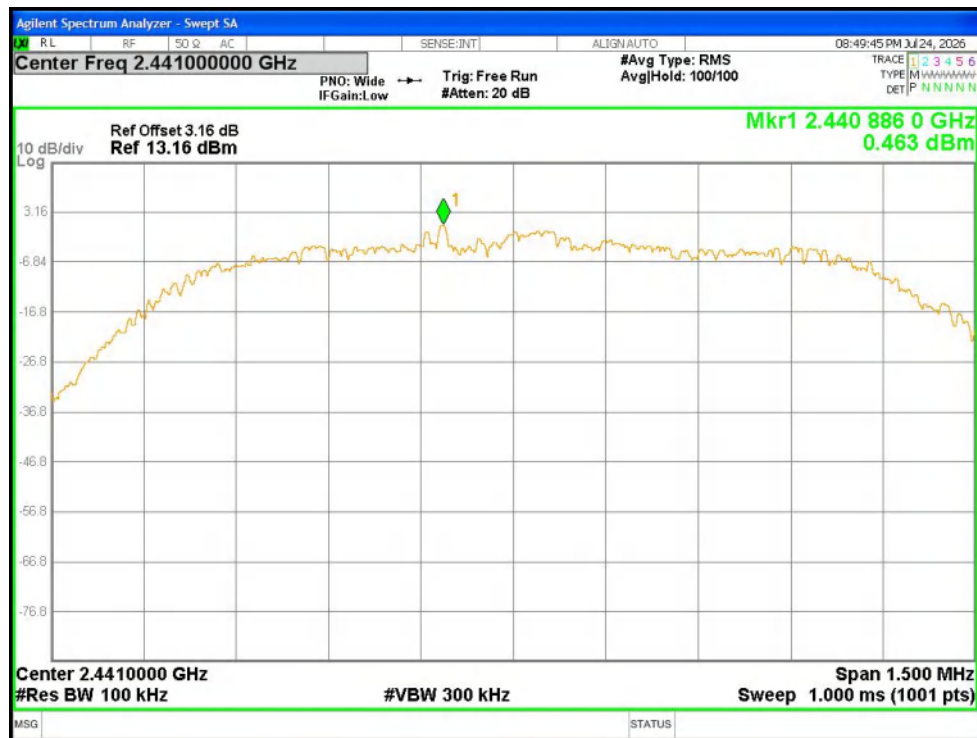


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

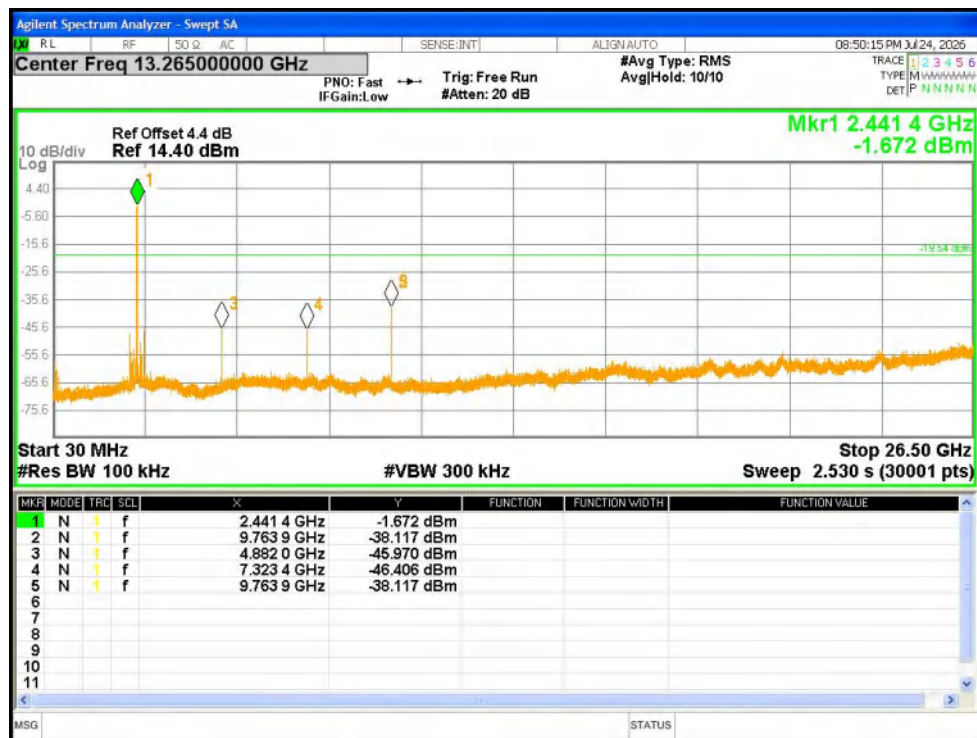


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

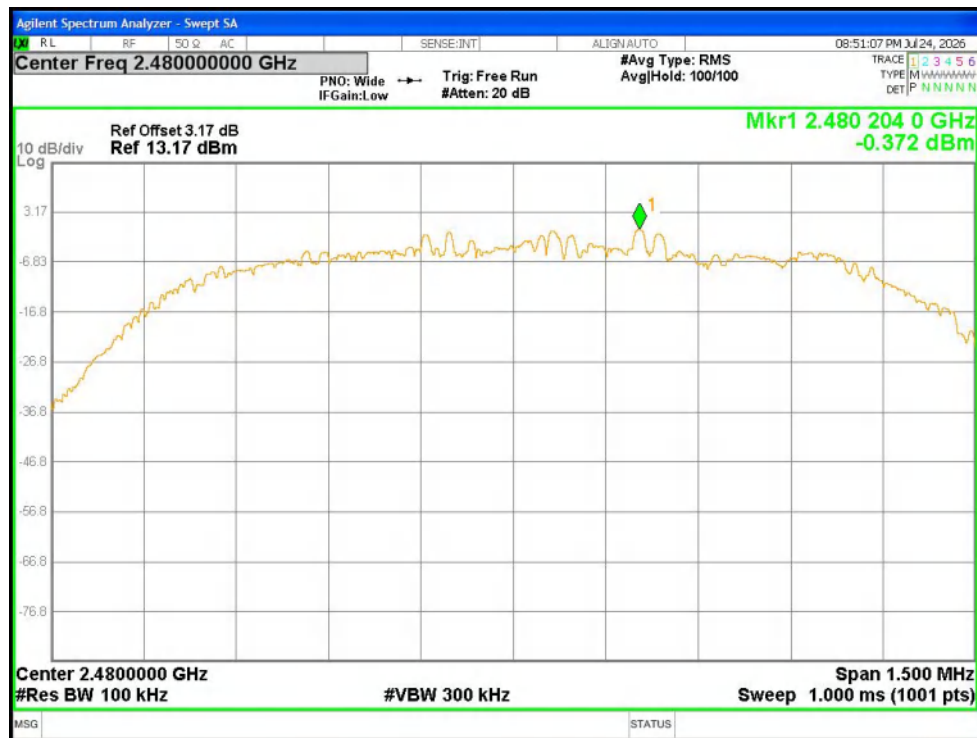
# Report



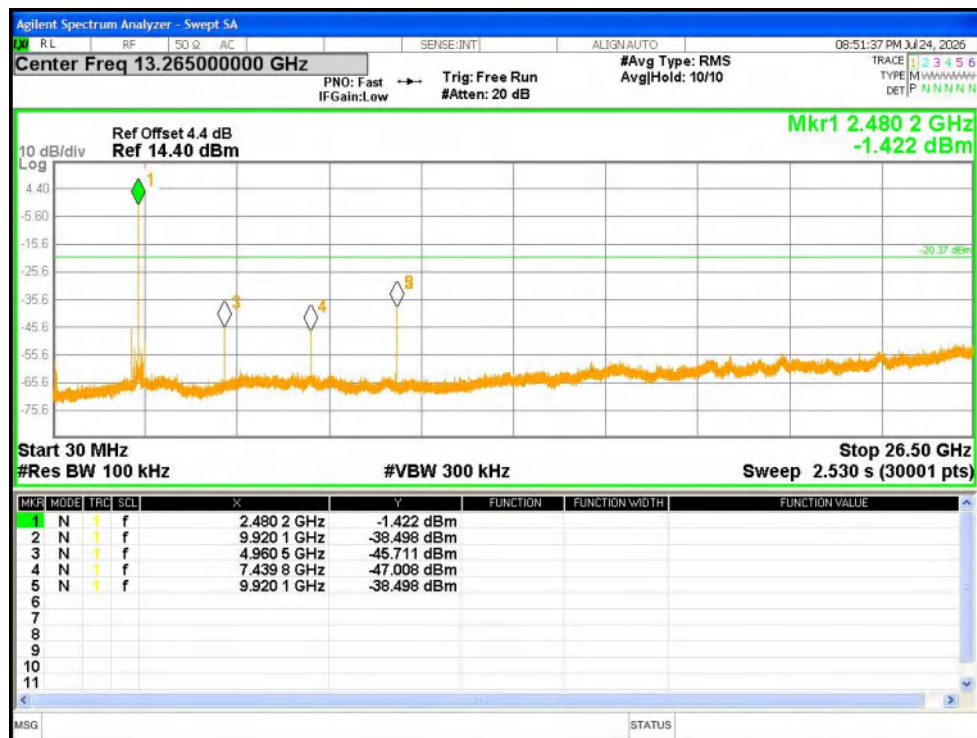
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission