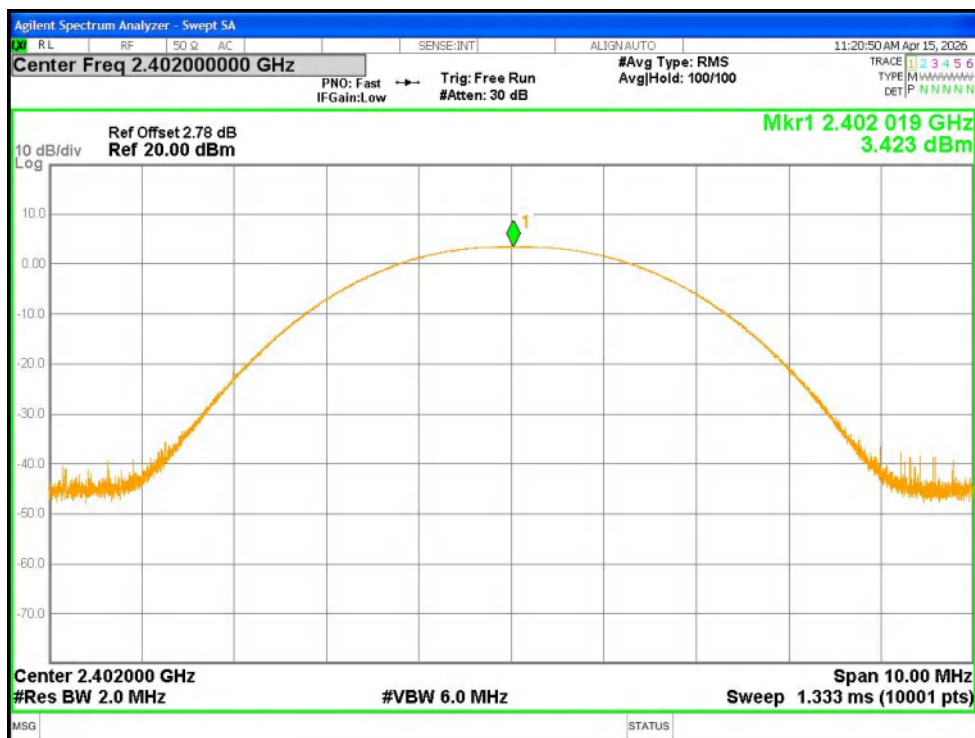


Product Name : Outdoor Audio-Visual System

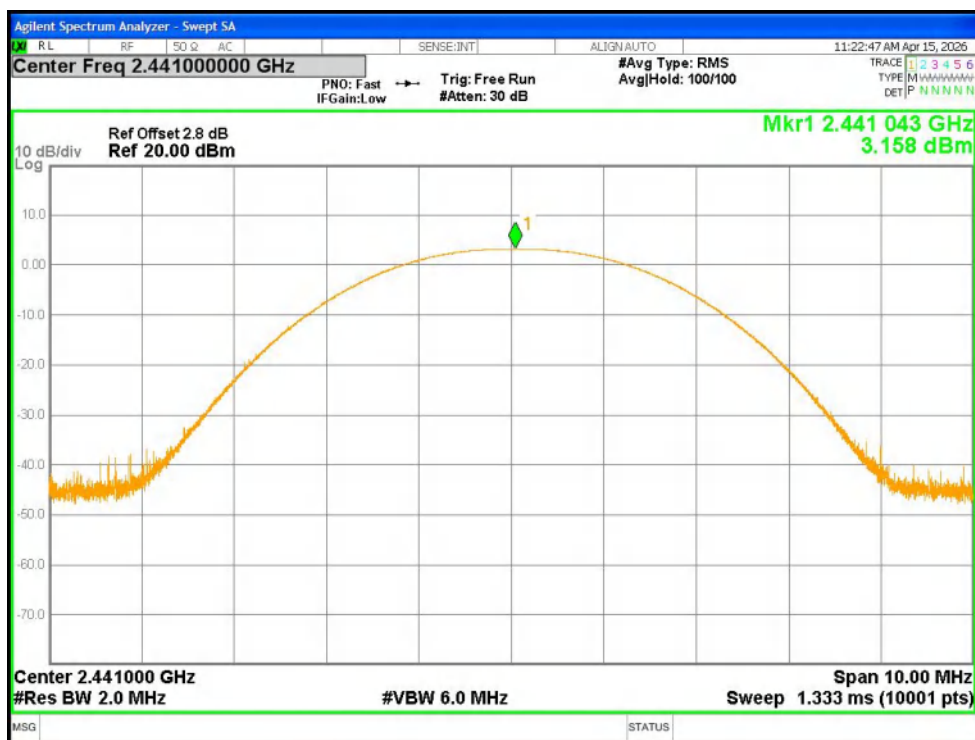
FCC ID : 2BV22-AURAPLAYPRO-B

## 1. Maximum Peak Conducted Output Power

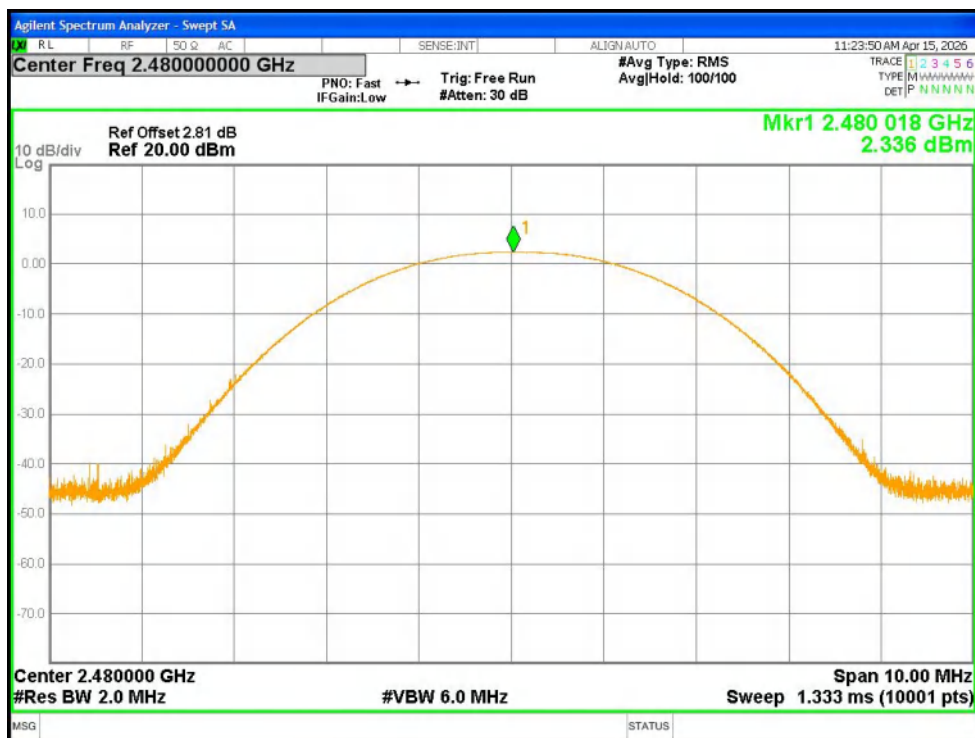
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | 3.42                     | 21             | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 3.16                     | 21             | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | 2.34                     | 21             | Pass    |
| NVNT      | 2-DH5 | 2402               | Ant1    | 4.27                     | 21             | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 3.91                     | 21             | Pass    |
| NVNT      | 2-DH5 | 2480               | Ant1    | 3.15                     | 21             | Pass    |
| NVNT      | 3-DH5 | 2402               | Ant1    | 4.66                     | 21             | Pass    |
| NVNT      | 3-DH5 | 2441               | Ant1    | 4.27                     | 21             | Pass    |
| NVNT      | 3-DH5 | 2480               | Ant1    | 3.46                     | 21             | Pass    |



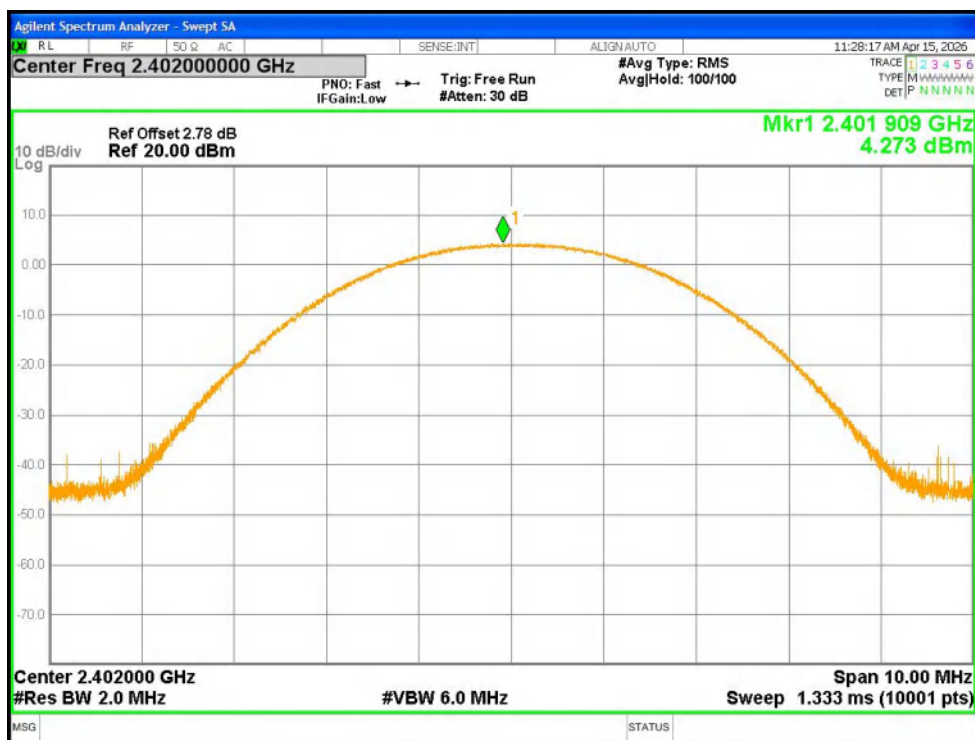
Peak Power NVNT 1-DH5 2402MHz Ant1



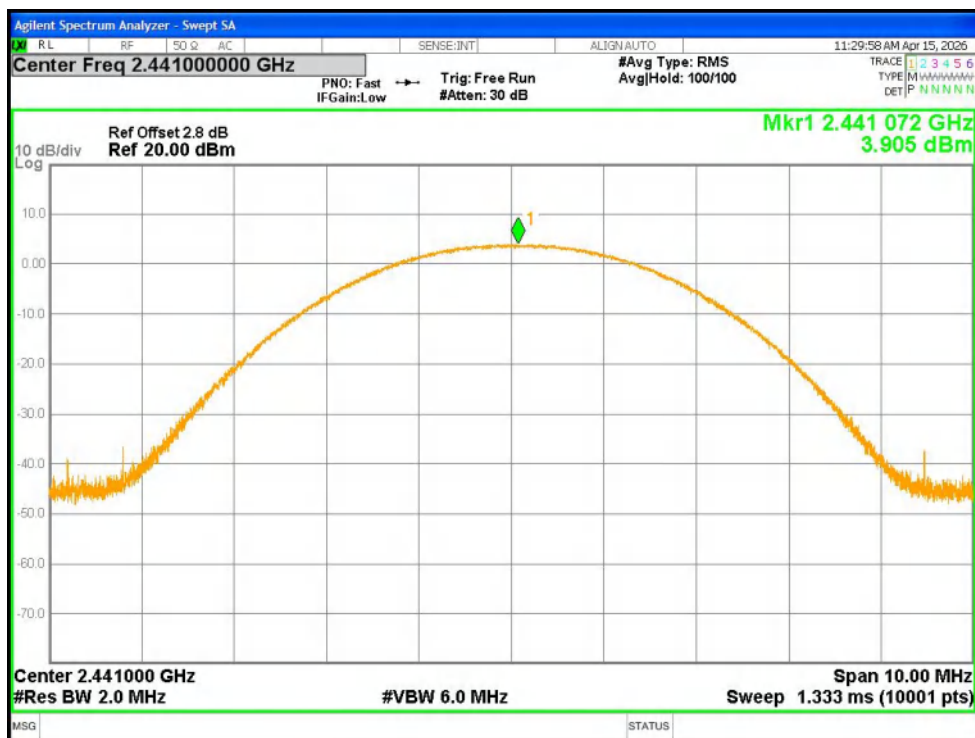
Peak Power NVNT 1-DH5 2441MHz Ant1



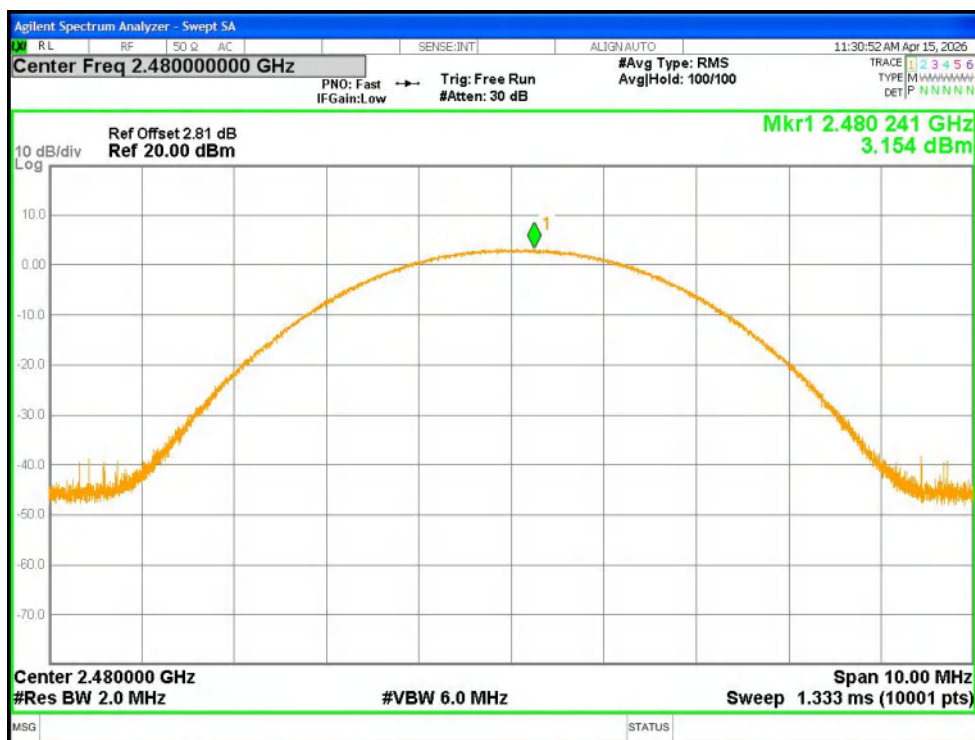
Peak Power NVNT 1-DH5 2480MHz Ant1



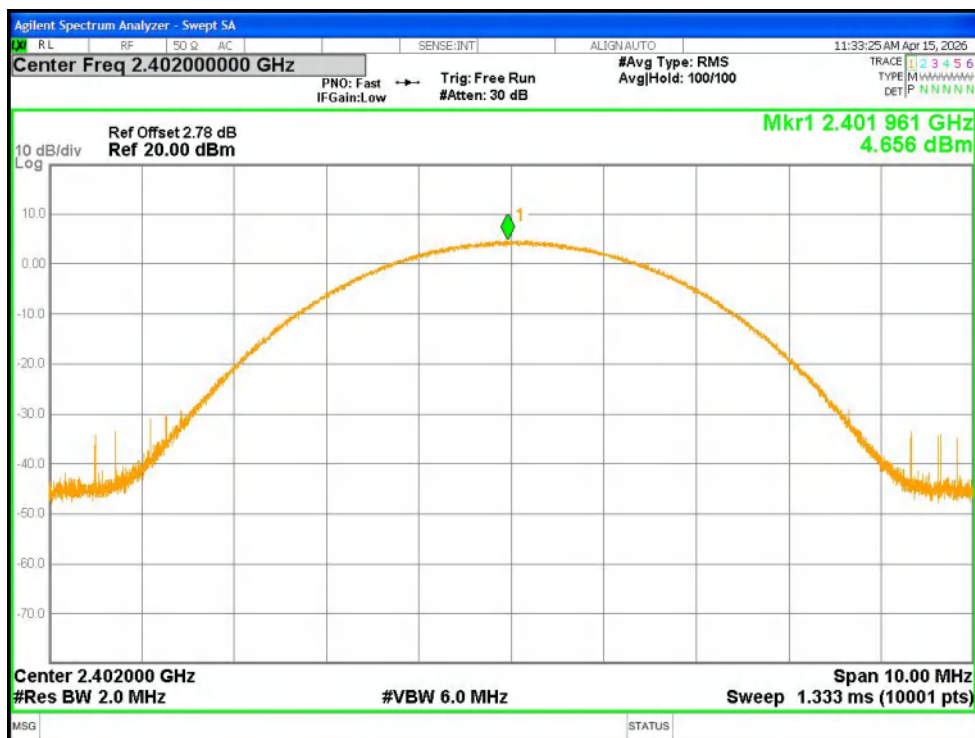
Peak Power NVNT 2-DH5 2402MHz Ant1



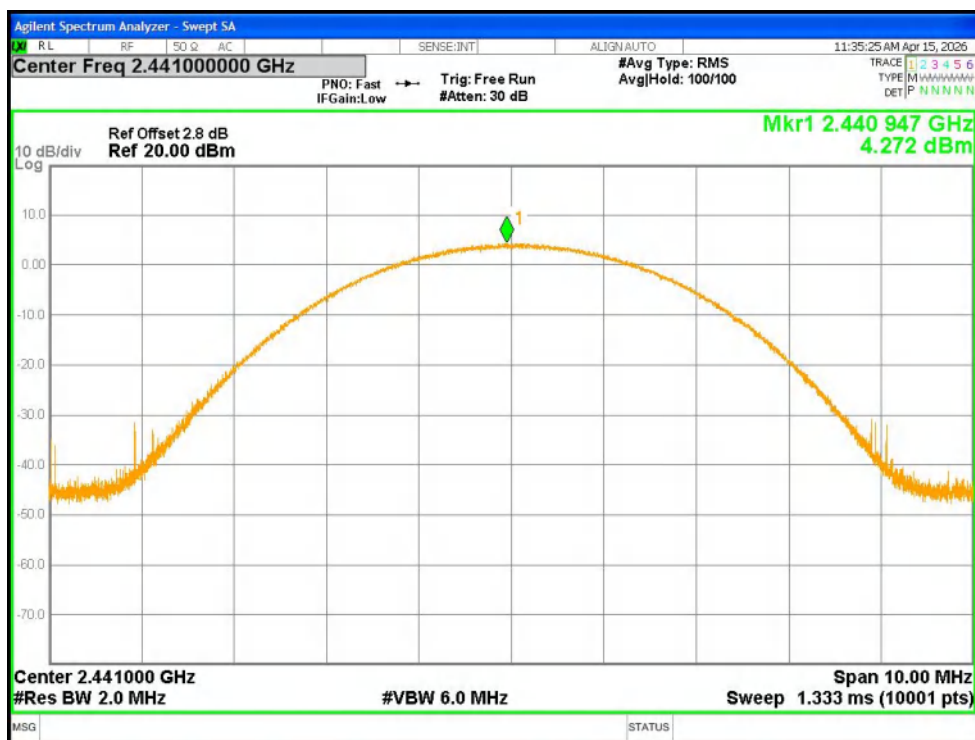
Peak Power NVNT 2-DH5 2441MHz Ant1



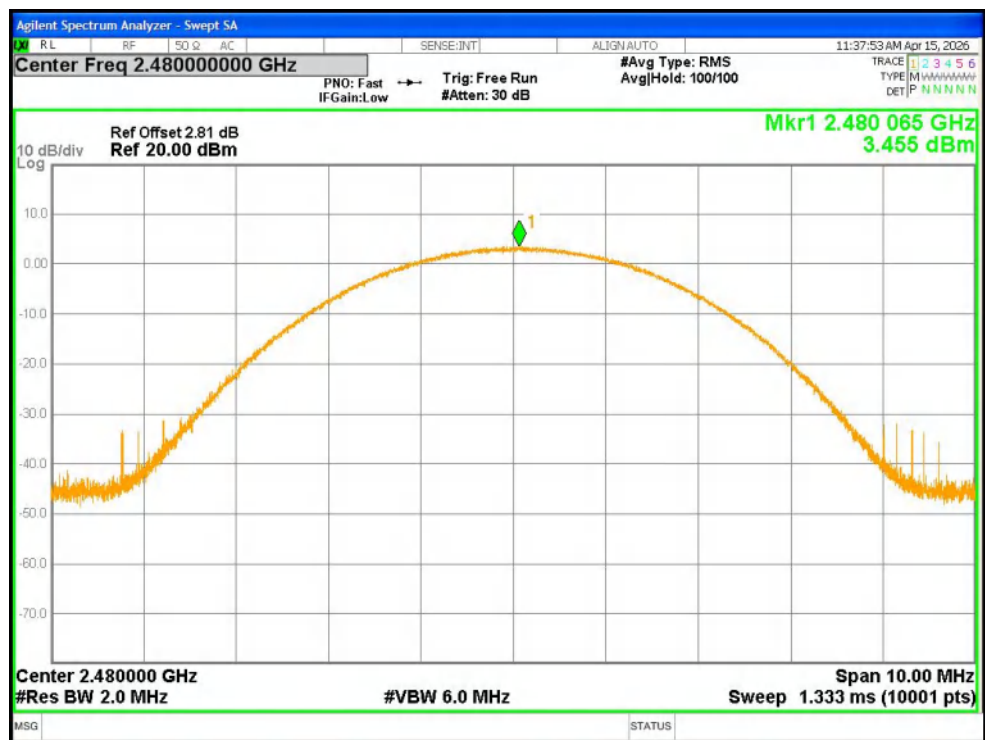
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



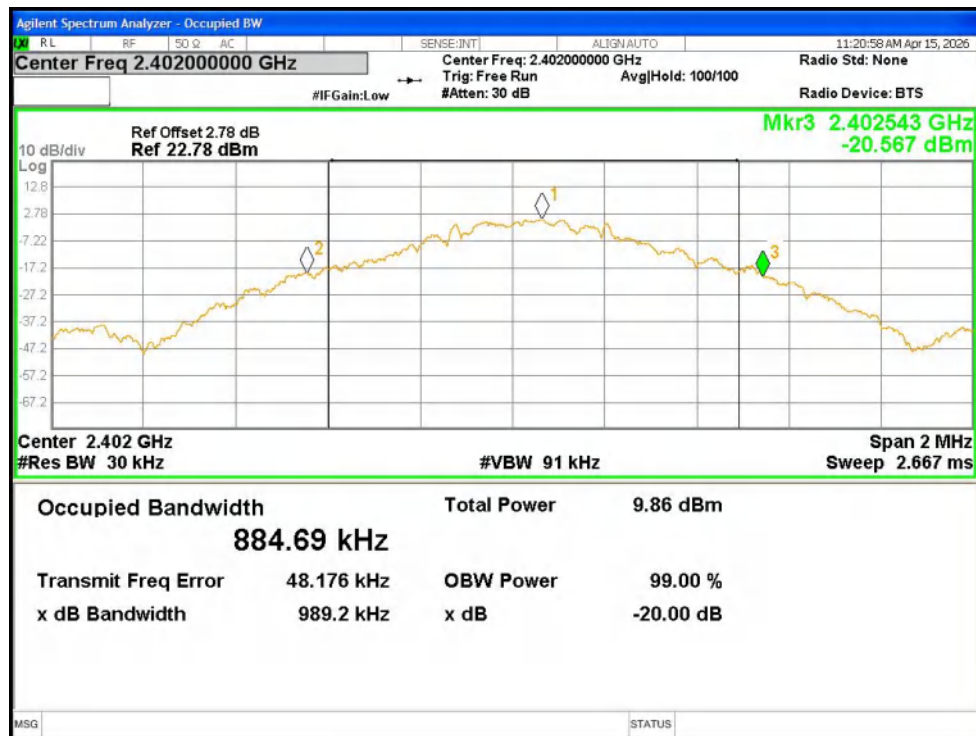
Peak Power NVNT 3-DH5 2441MHz Ant1



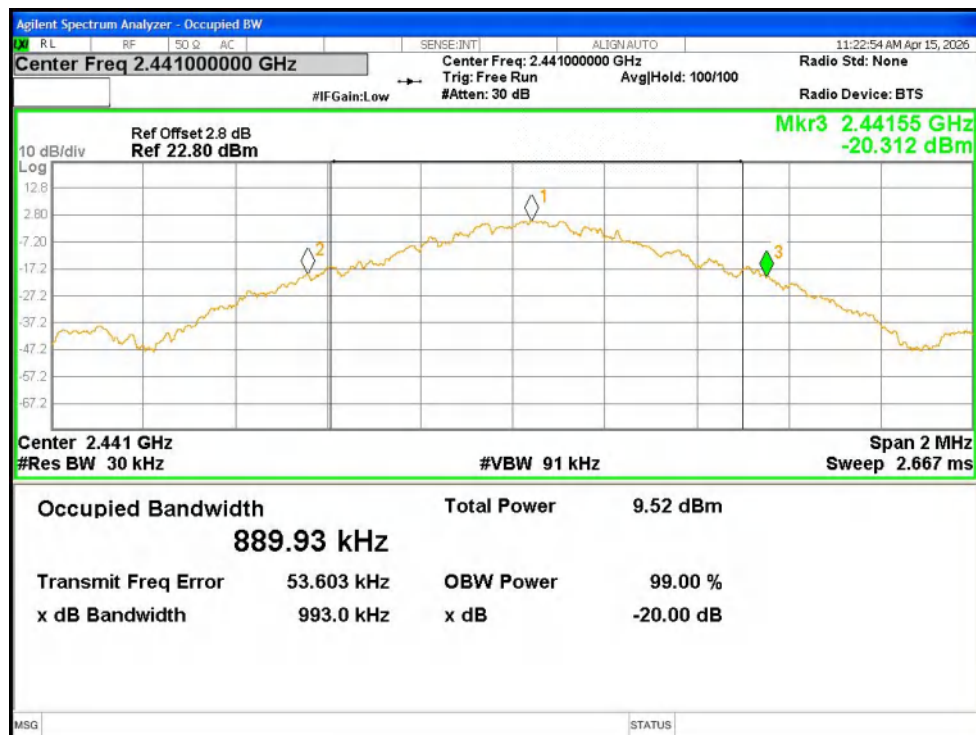
Peak Power NVNT 3-DH5 2480MHz Ant1

## 2. -20dB Bandwidth

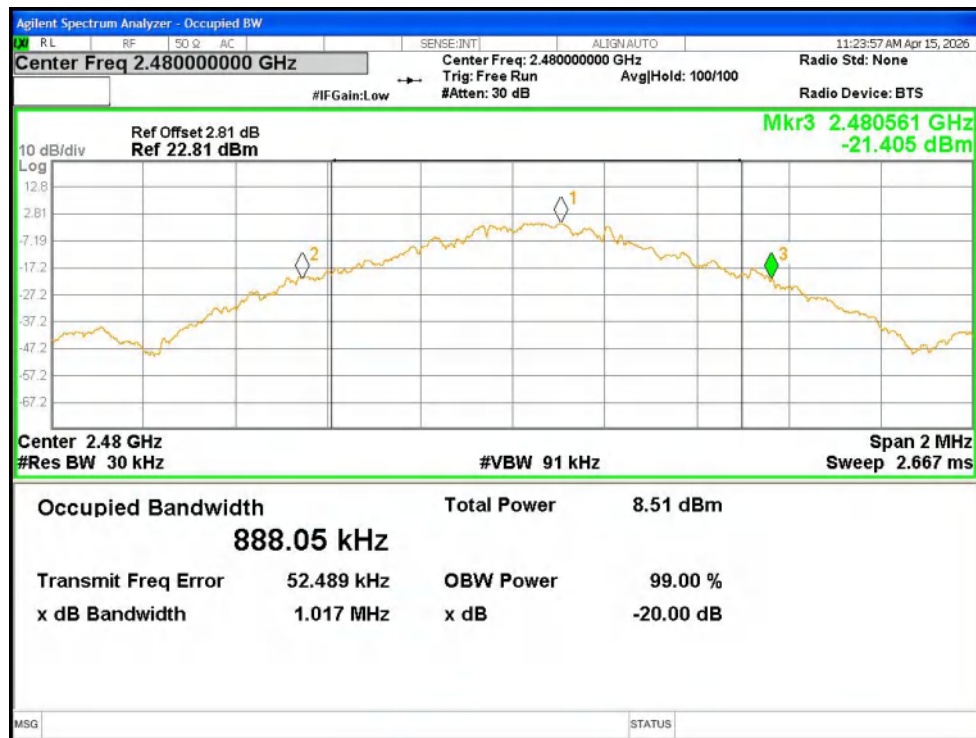
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.989                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.993                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 1.017                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.274                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.308                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.282                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.285                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.281                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.301                  | 0                            | Pass    |



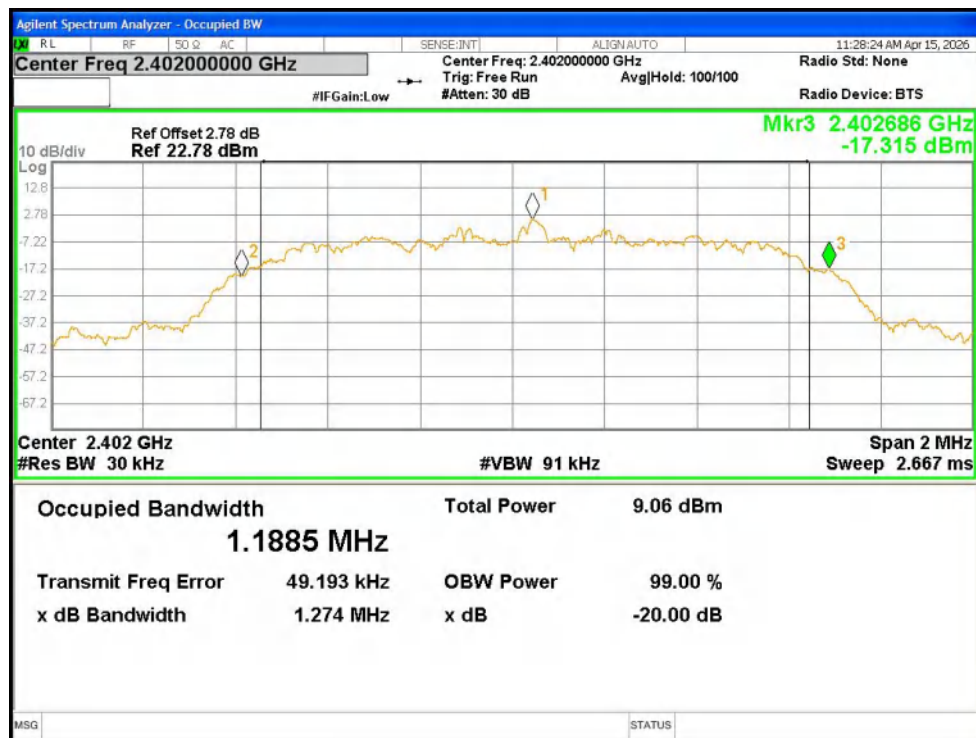
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



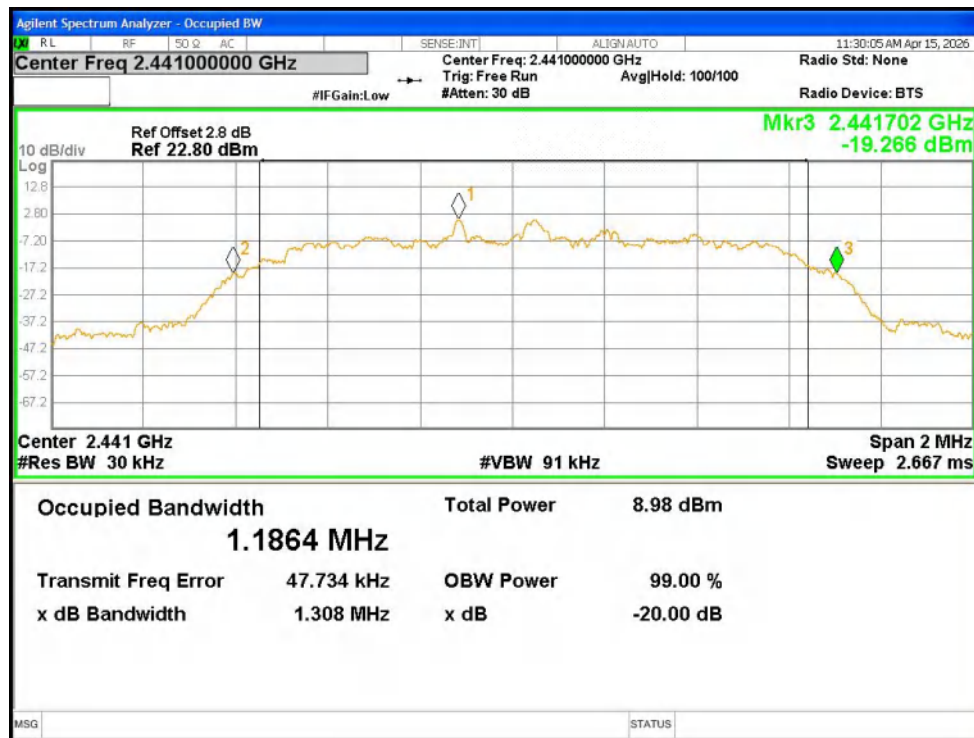
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



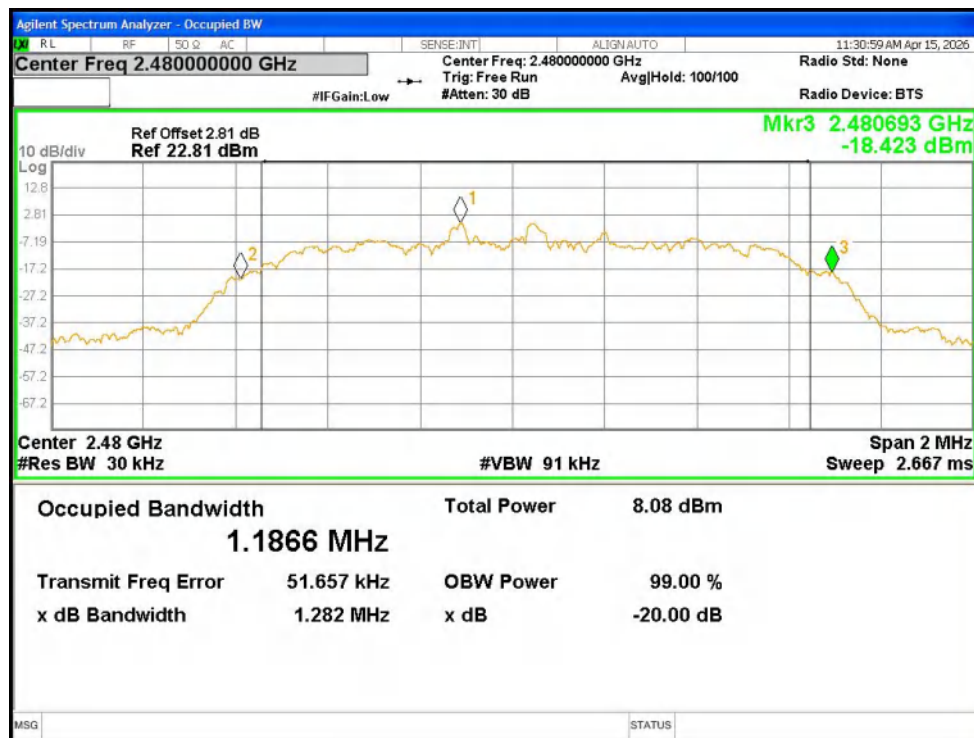
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



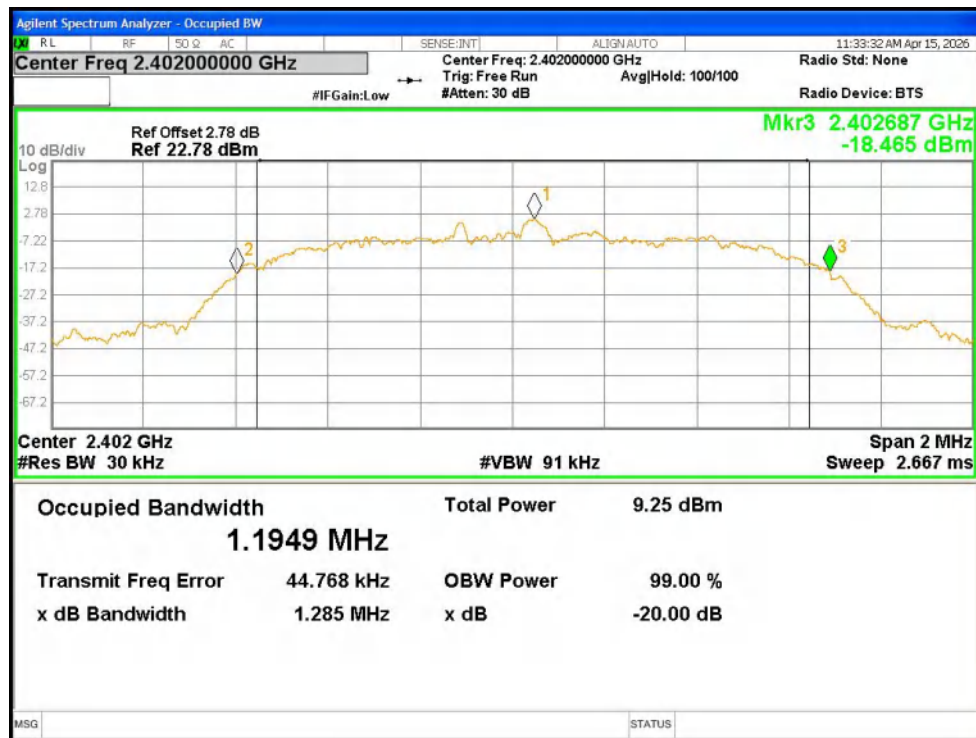
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



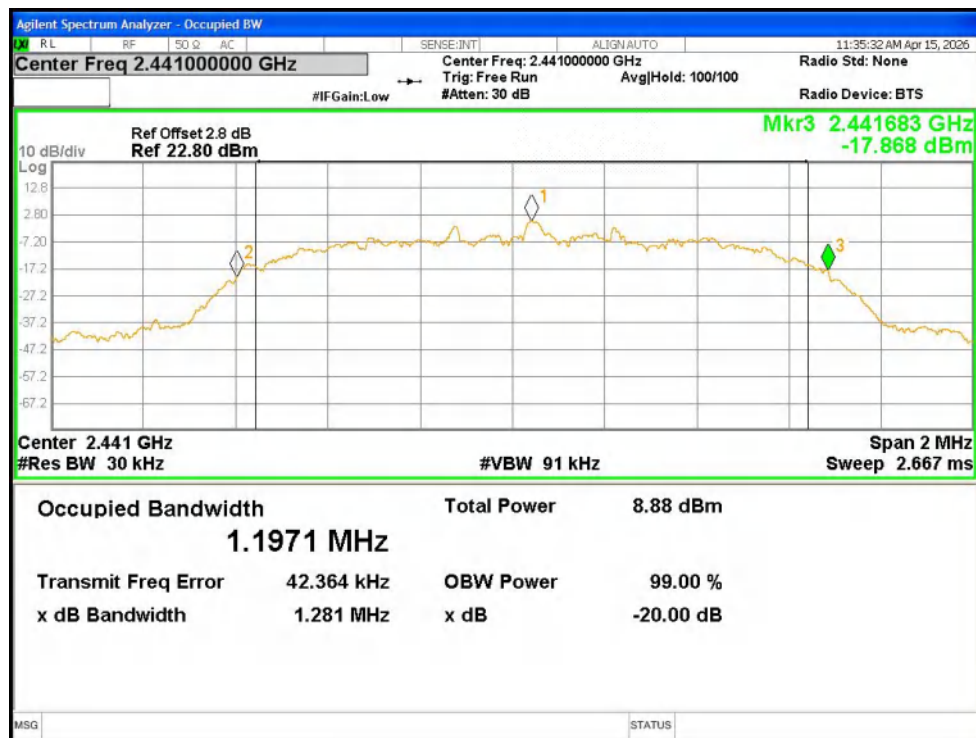
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



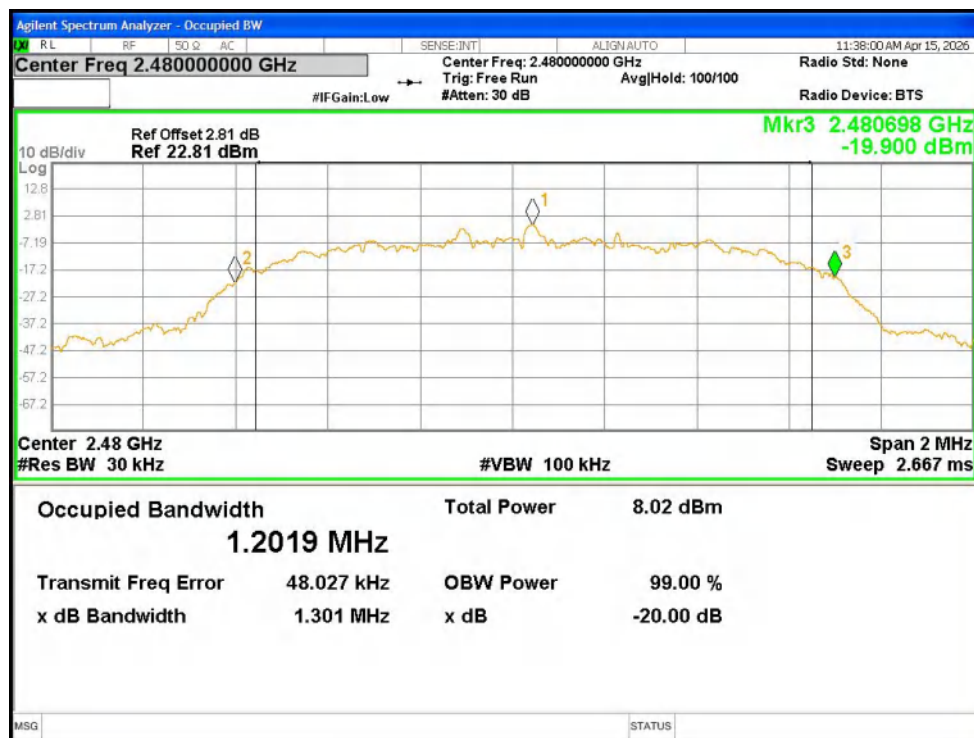
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



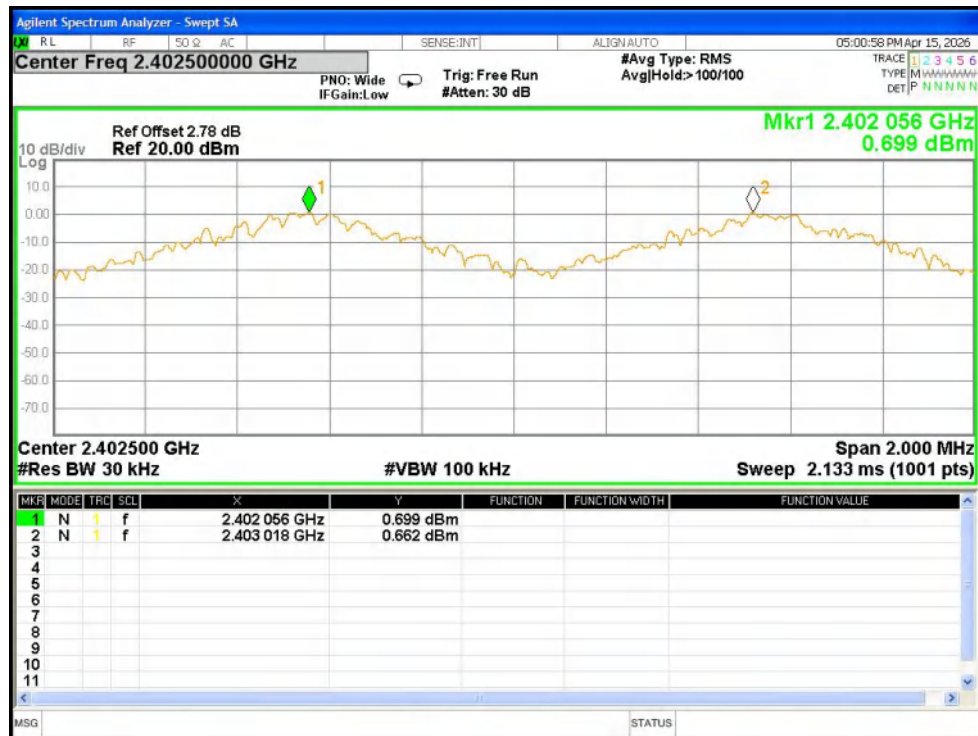
-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



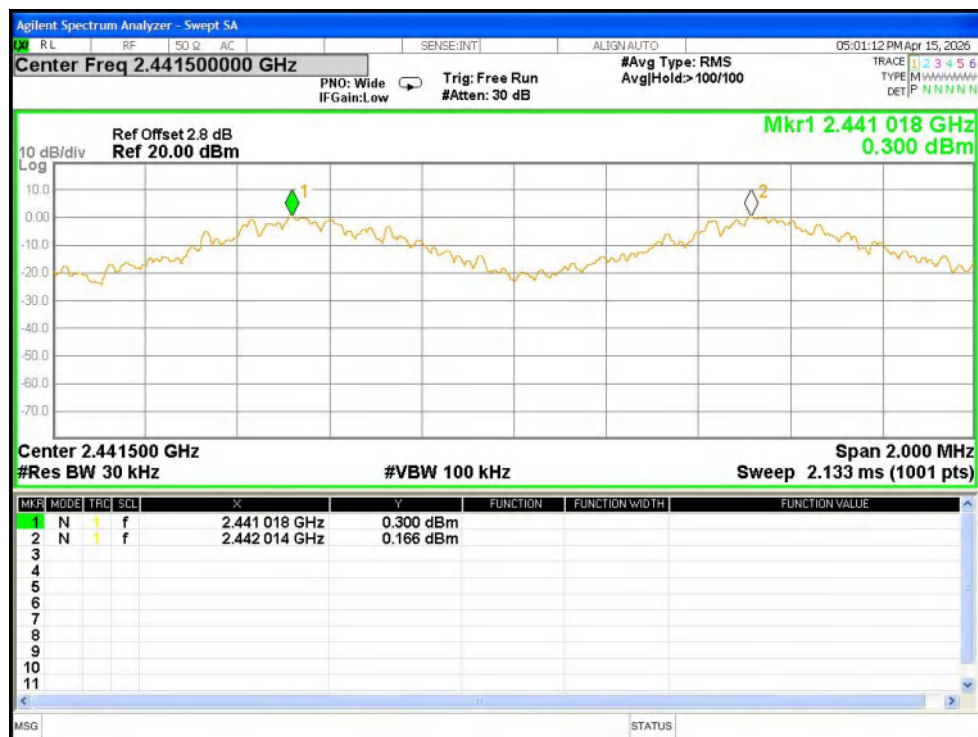
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

### 3. Carrier Frequencies Separation

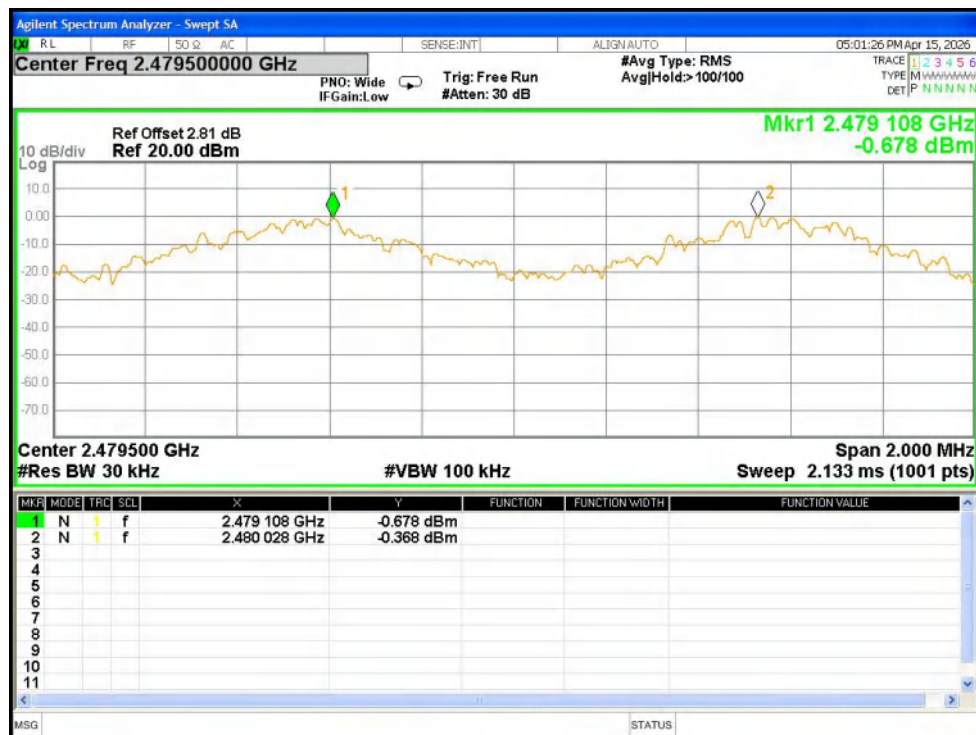
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2402.056            | 2403.018            | 0.962     | 0.639       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2441.018            | 2442.014            | 0.996     | 0.664       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2479.108            | 2480.028            | 0.92      | 0.664       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2402.05             | 2403.058            | 1.008     | 0.852       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2440.892            | 2441.884            | 0.992     | 0.906       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2479.044            | 2480.02             | 0.976     | 0.883       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2401.884            | 2402.876            | 0.992     | 0.861       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2441.042            | 2442.04             | 0.998     | 0.861       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2479.044            | 2480.052            | 1.008     | 0.867       | Pass    |



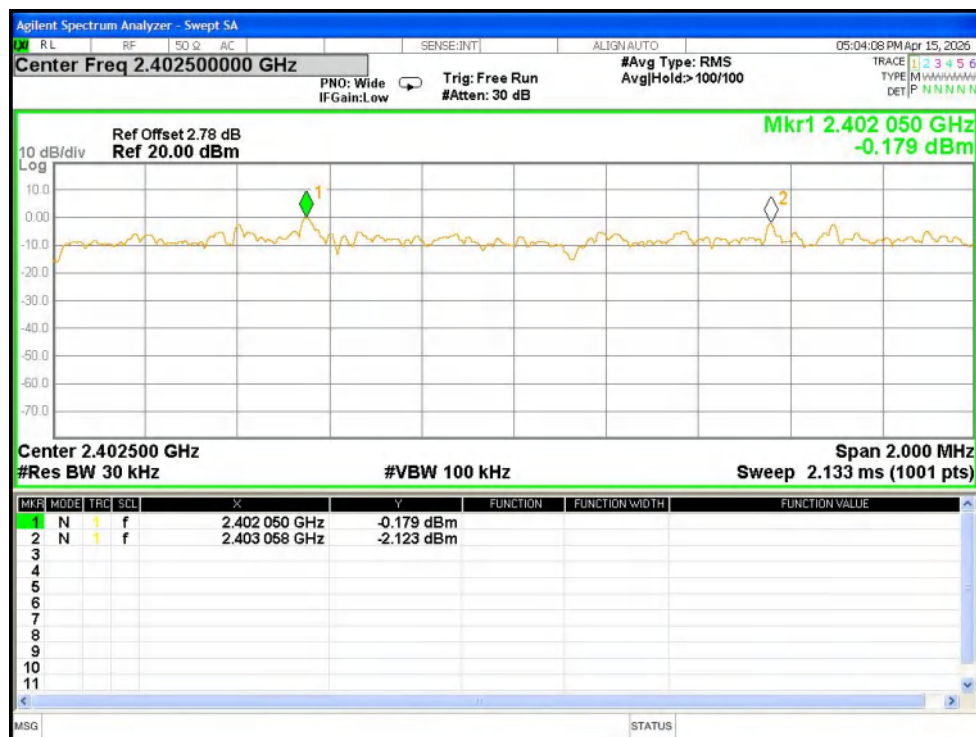
CFS NVNT 1-DH5 2402MHz Ant1



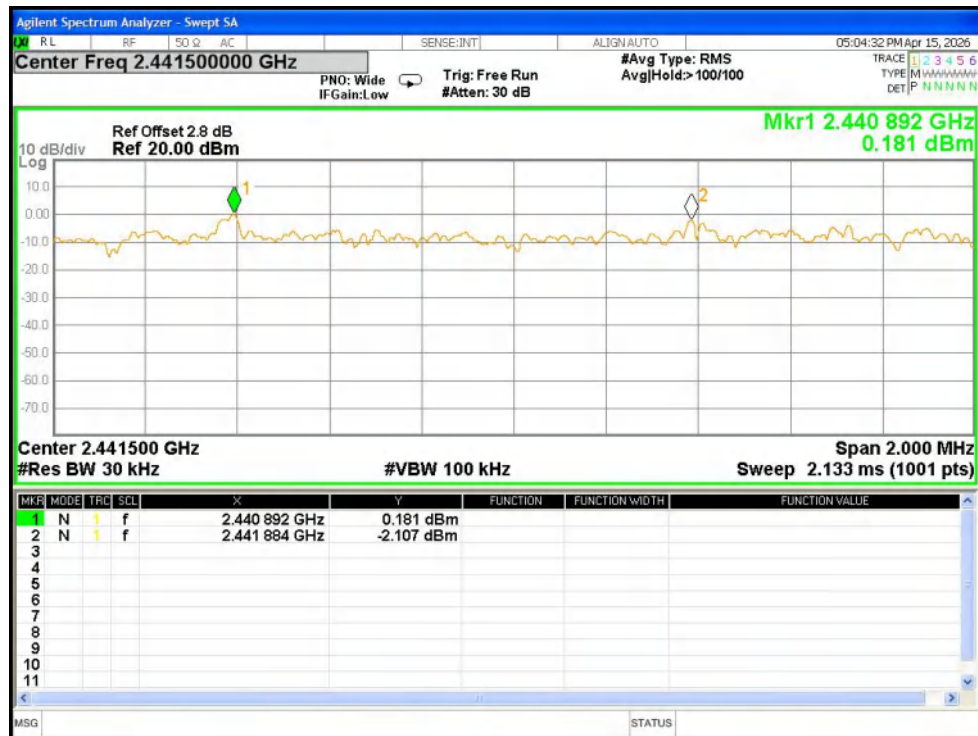
CFS NVNT 1-DH5 2441MHz Ant1



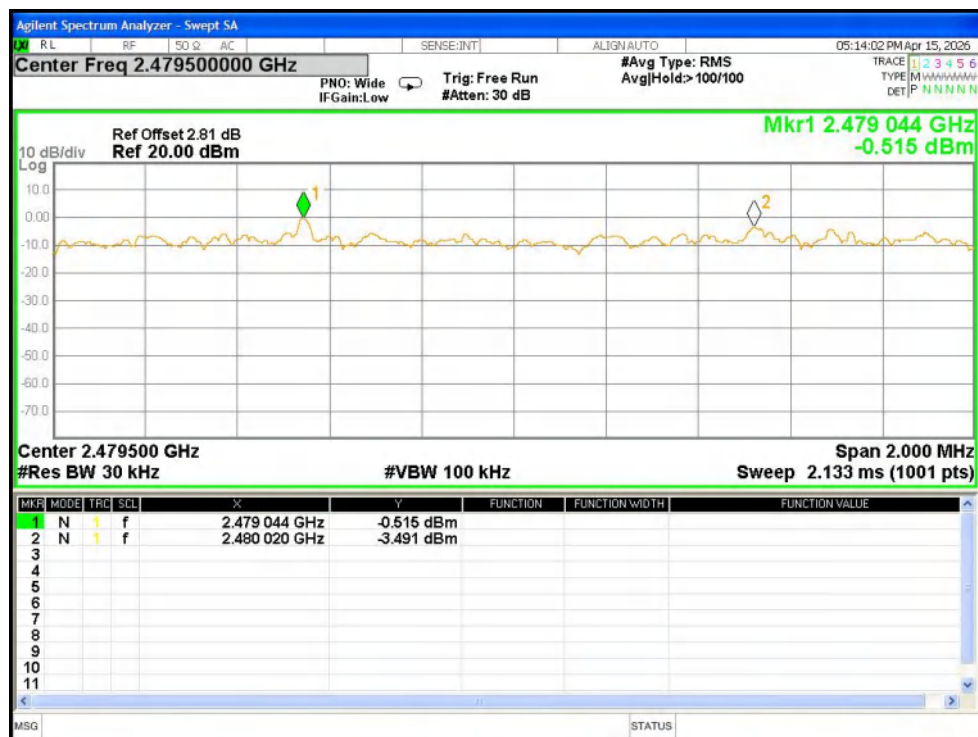
CFS NVNT 1-DH5 2480MHz Ant1



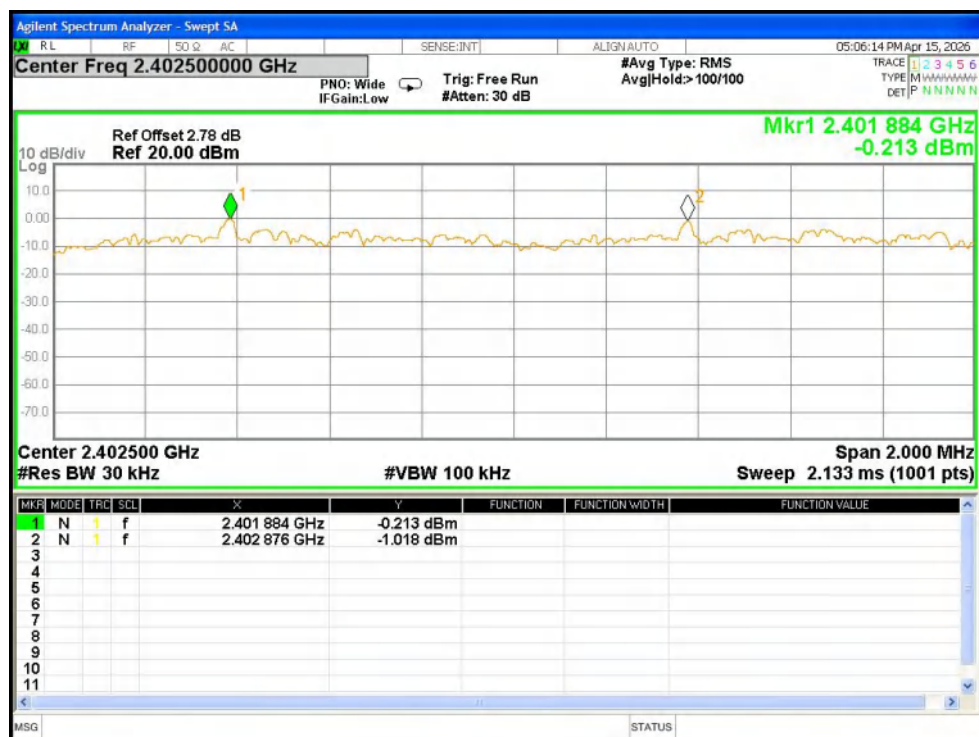
CFS NVNT 2-DH5 2402MHz Ant1



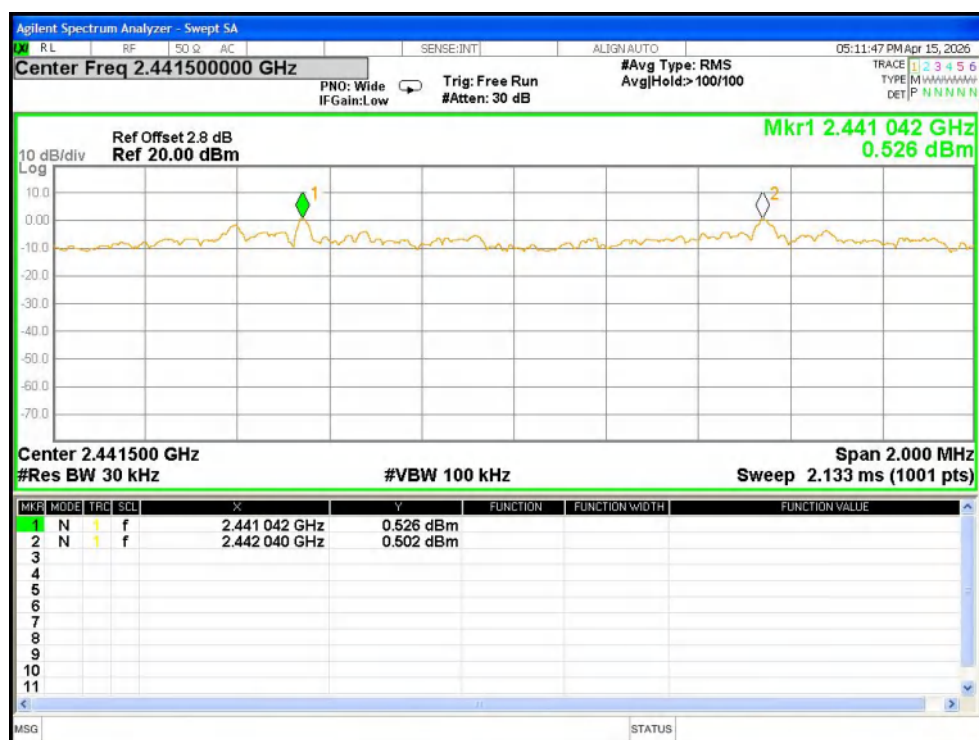
CFS NVNT 2-DH5 2441MHz Ant1



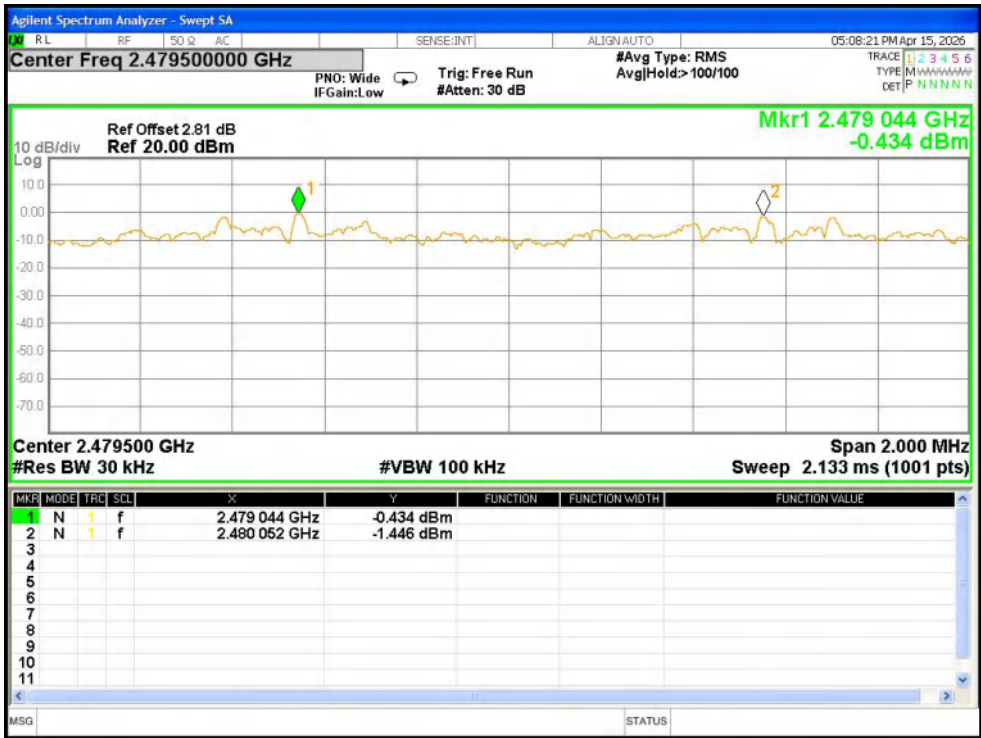
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1



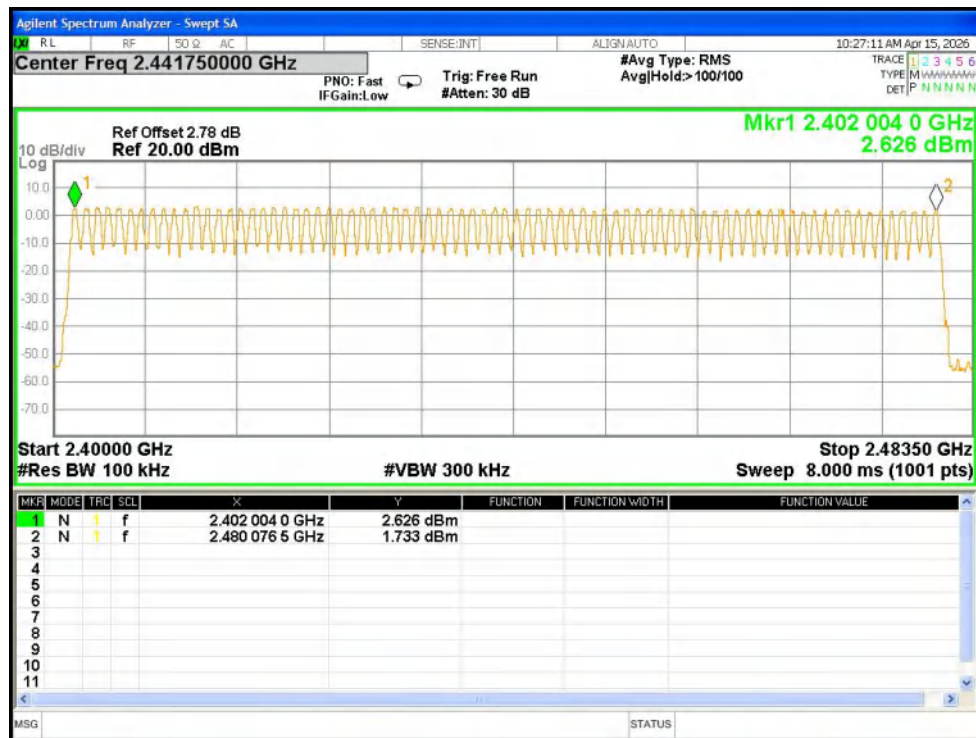
CFS NVNT 3-DH5 2441MHz Ant1



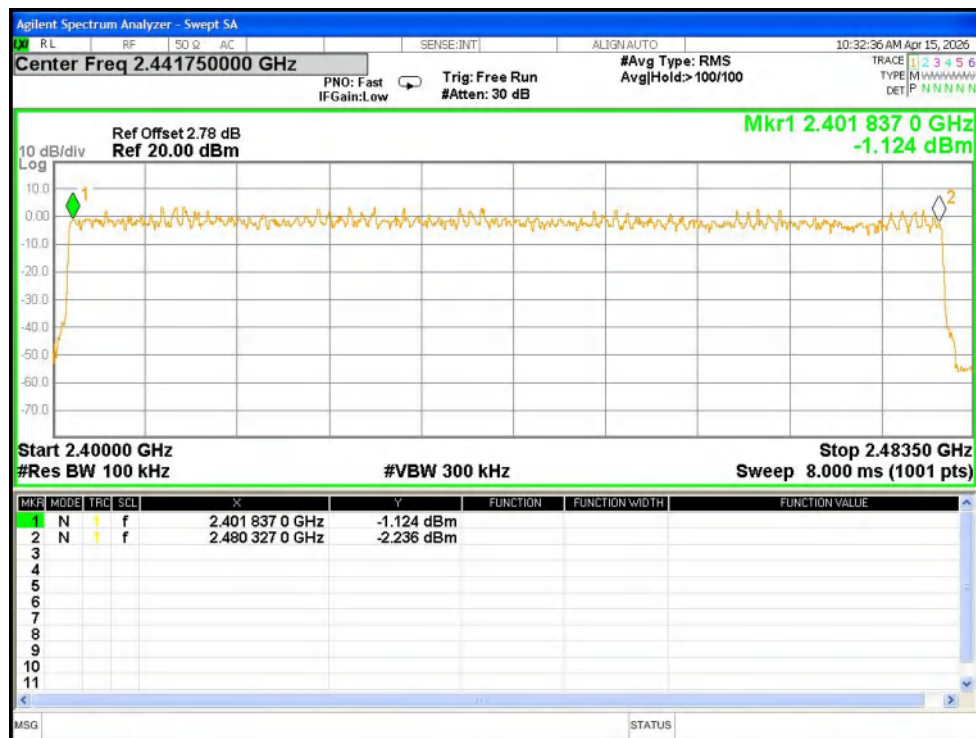
CFS NVNT 3-DH5 2480MHz Ant1

## 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    |



Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

## 5. Dwell Time

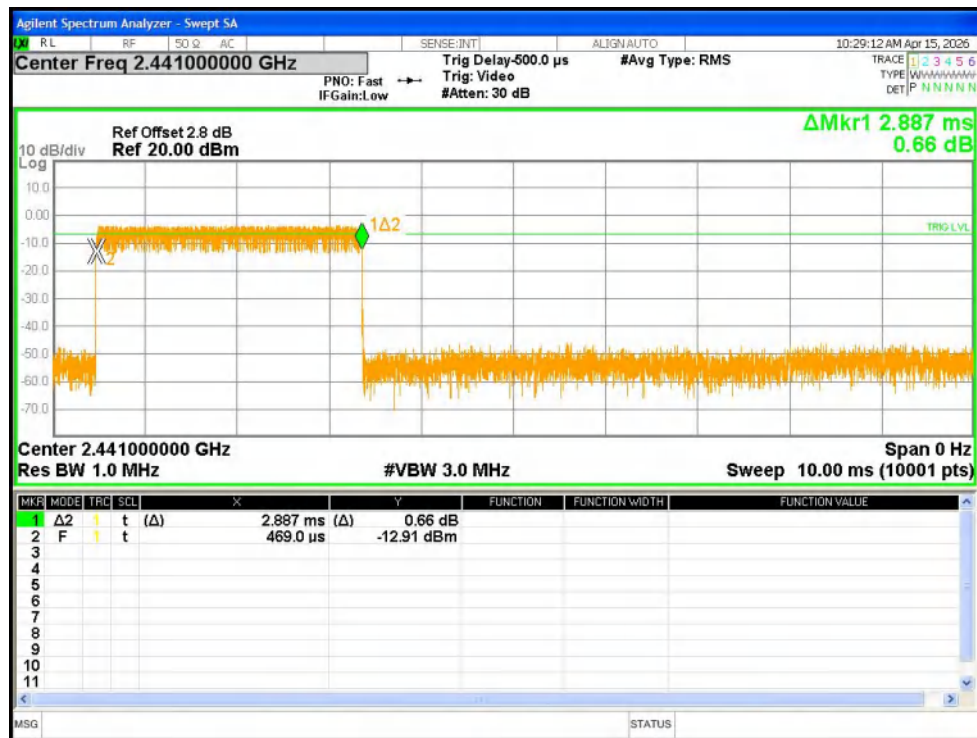
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse Time<br>(ms) | Total Dwell Time<br>(ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|--------------------|--------------------------|----------------|---------------------|---------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | 2.887              | 282.926                  | 98             | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 2.887              | 300.248                  | 104            | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | 2.887              | 332.005                  | 115            | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2402               | Ant1    | 2.892              | 352.824                  | 122            | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 2.892              | 268.956                  | 93             | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2480               | Ant1    | 2.892              | 303.66                   | 105            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2402               | Ant1    | 2.894              | 318.34                   | 110            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2441               | Ant1    | 2.894              | 324.128                  | 112            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2480               | Ant1    | 2.894              | 335.704                  | 116            | 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



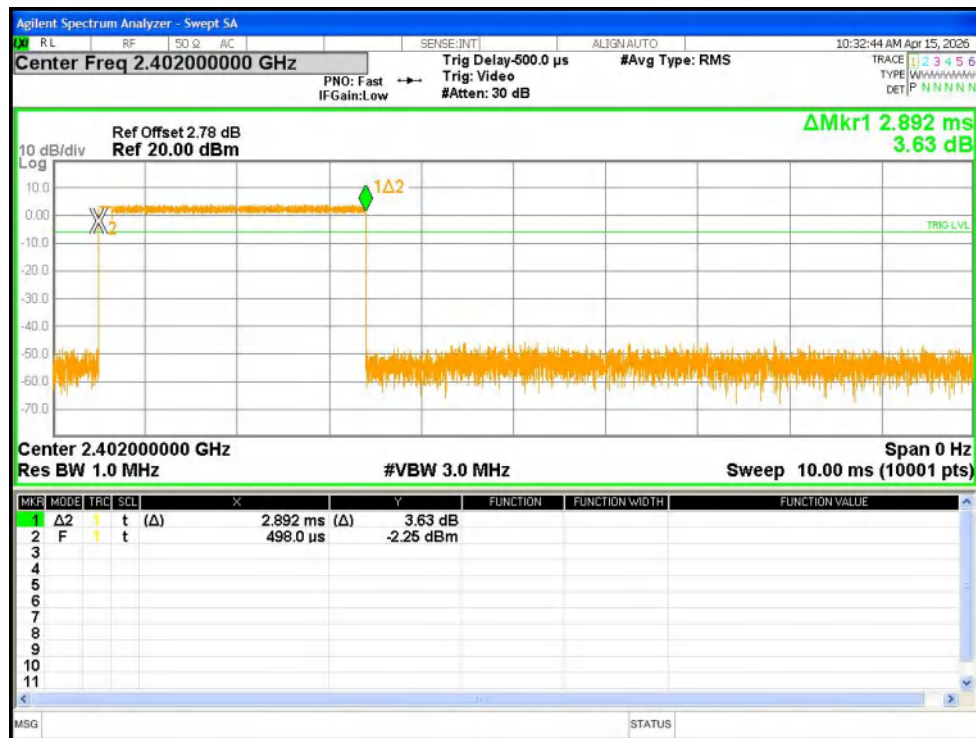
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



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



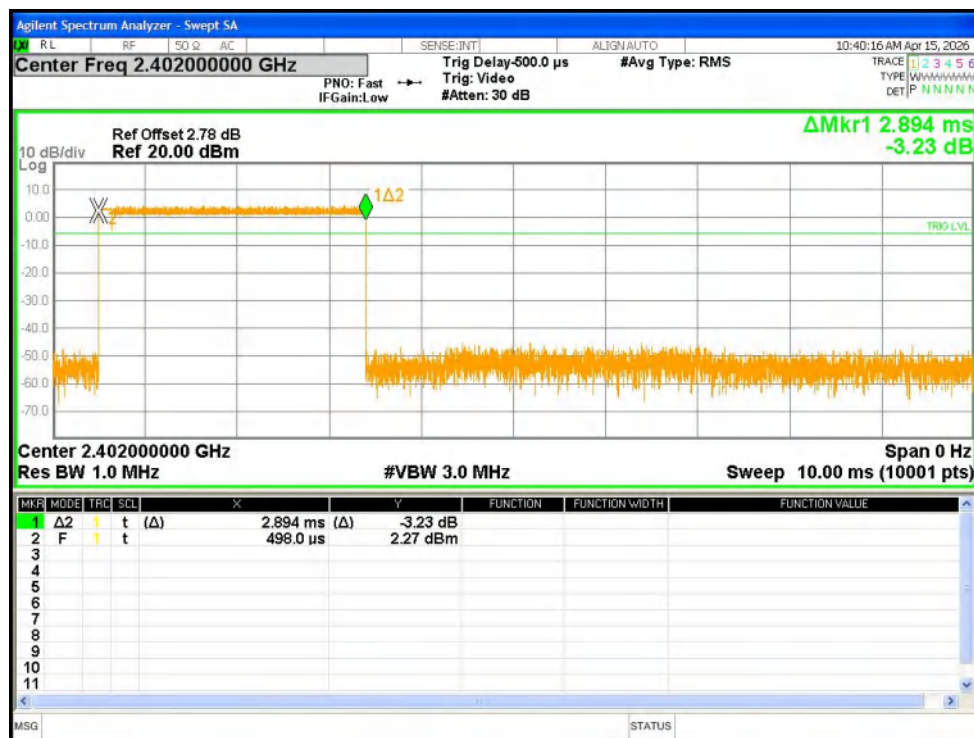
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



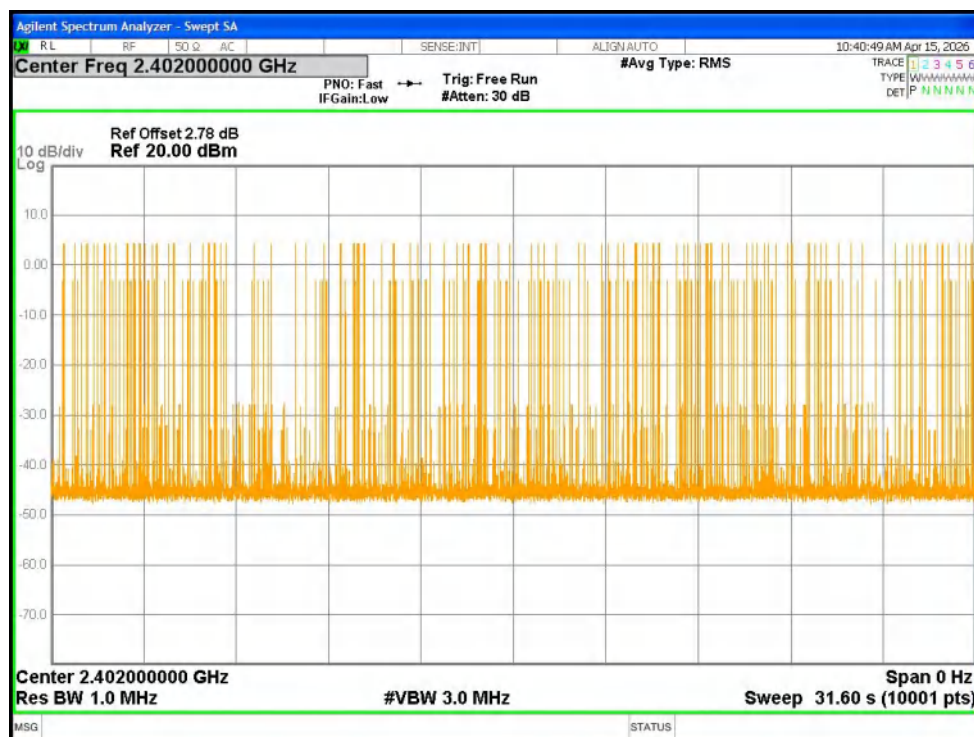
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



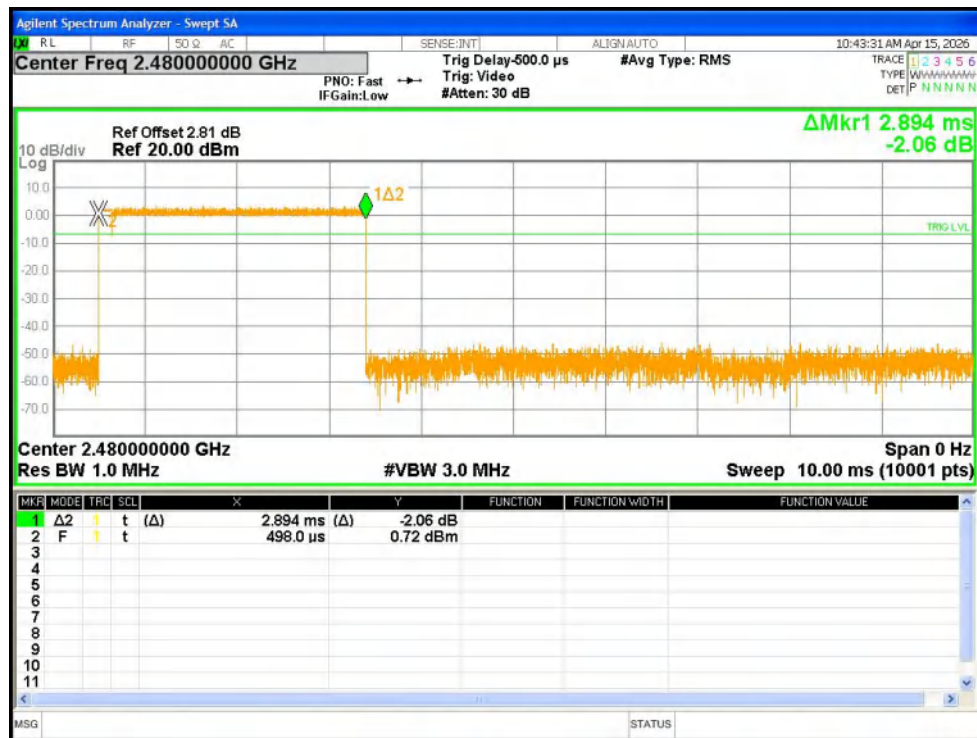
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



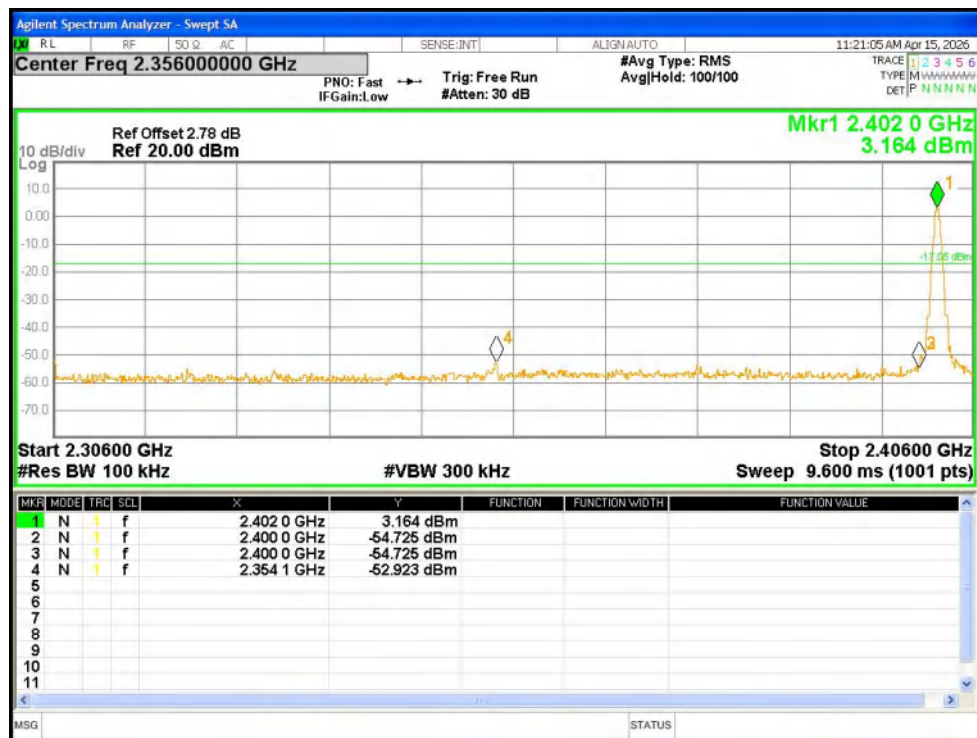
Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

## 6. Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -55.87          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -57.18          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -57.72          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -56.71          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -55.07          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -55.63          | -20         | Pass    |



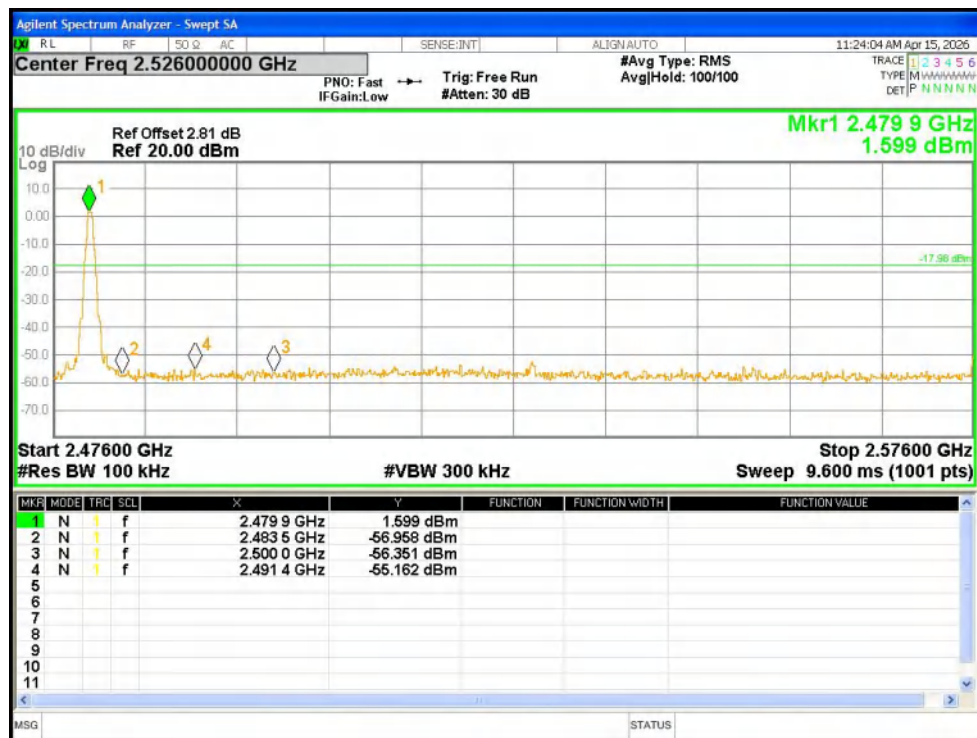
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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



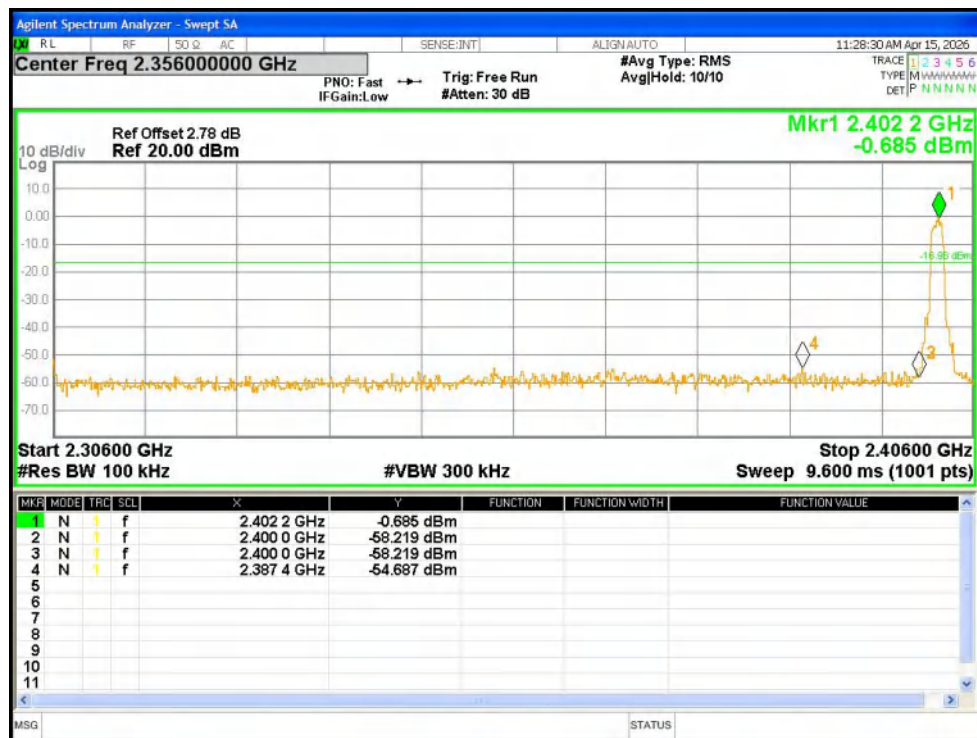
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



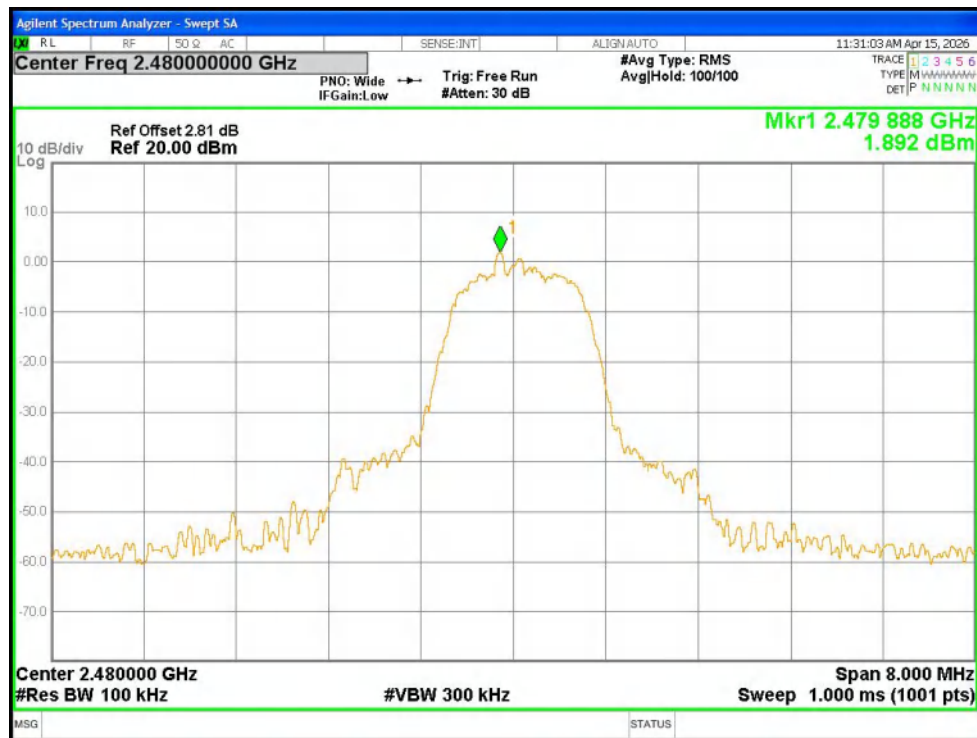
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



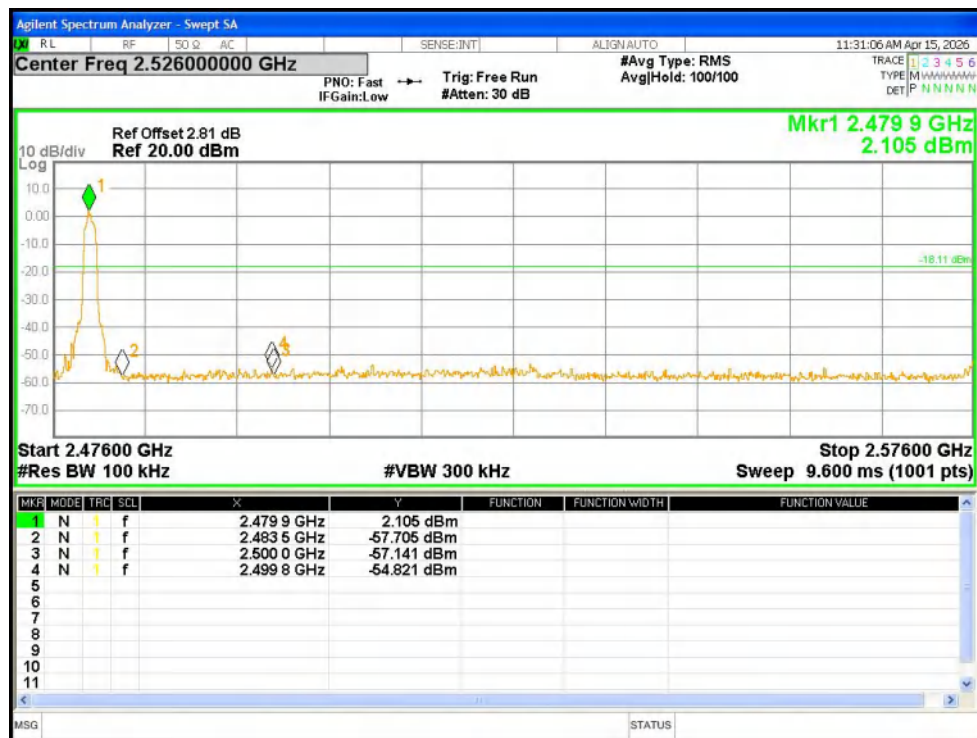
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



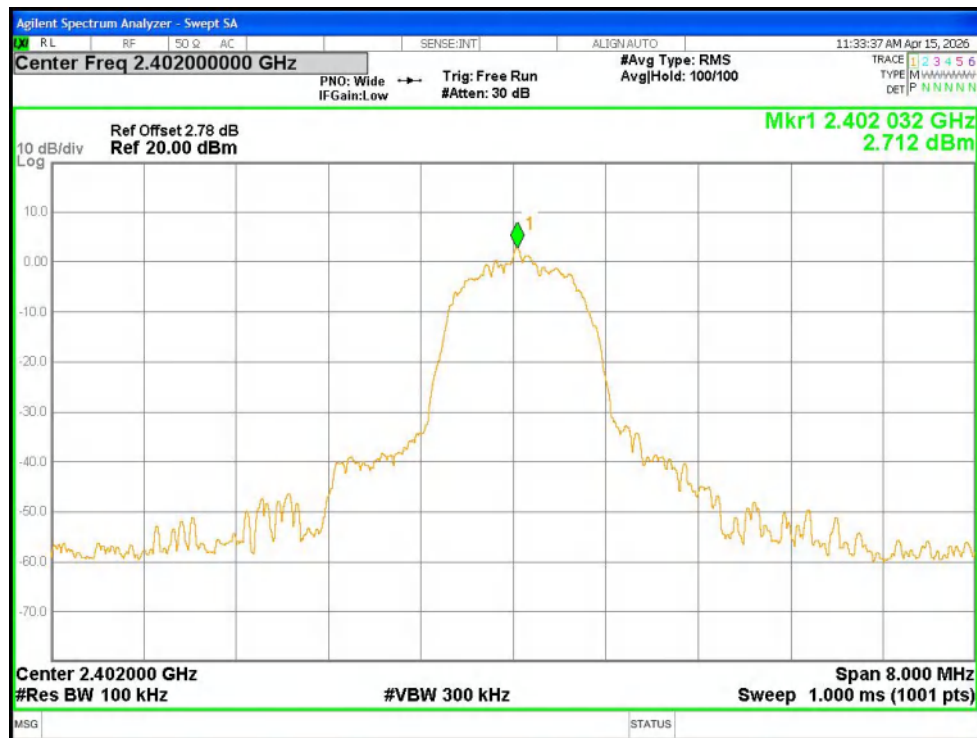
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



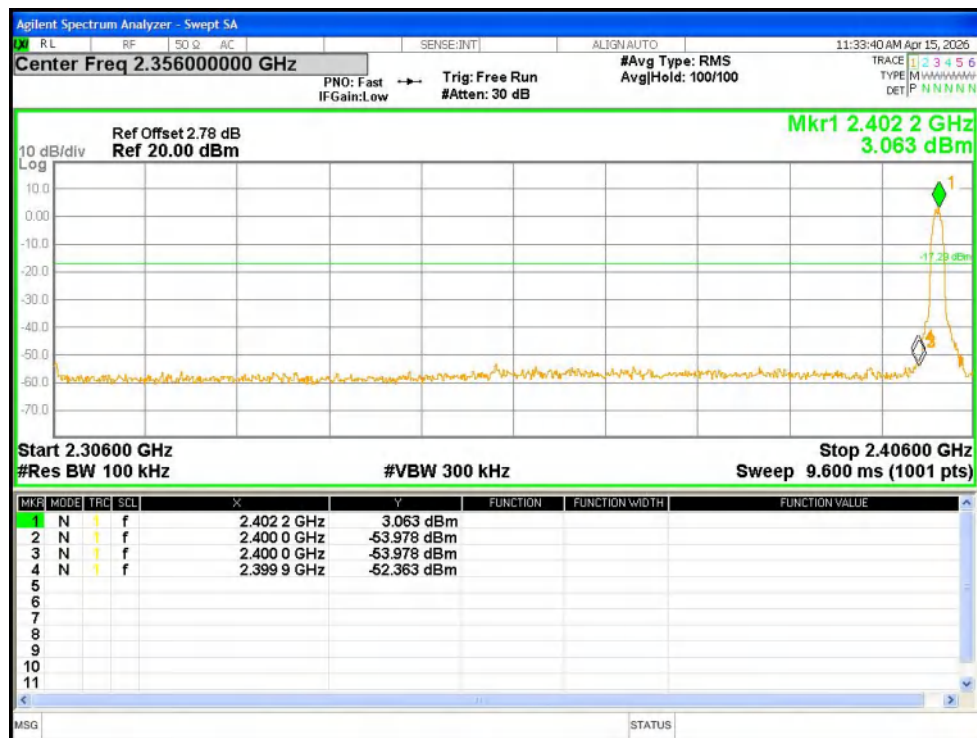
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



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



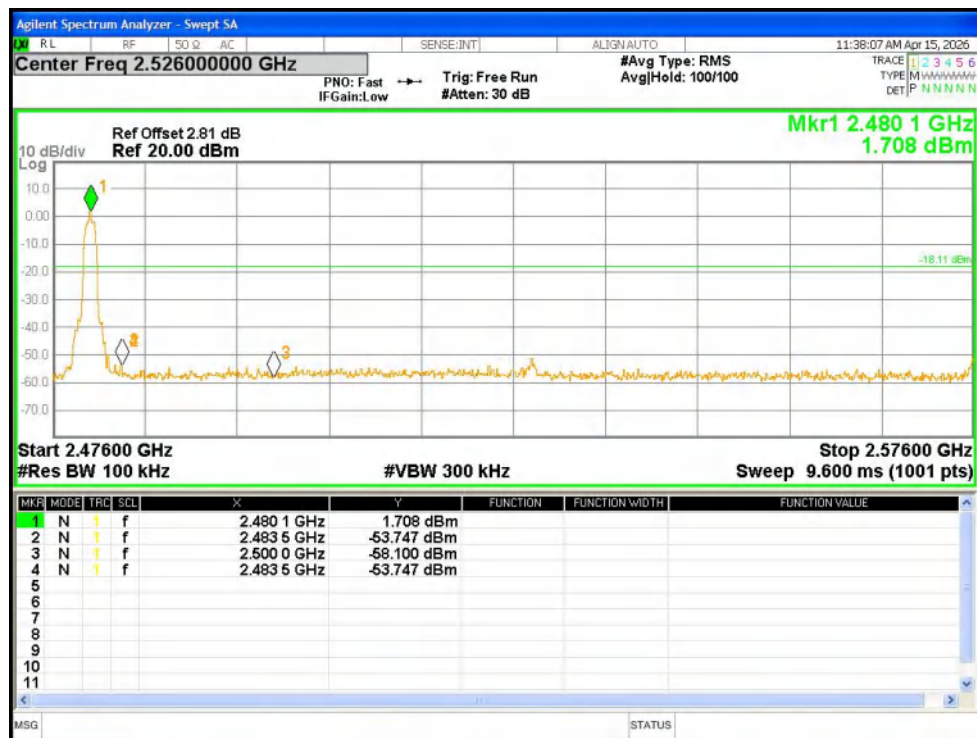
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



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



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



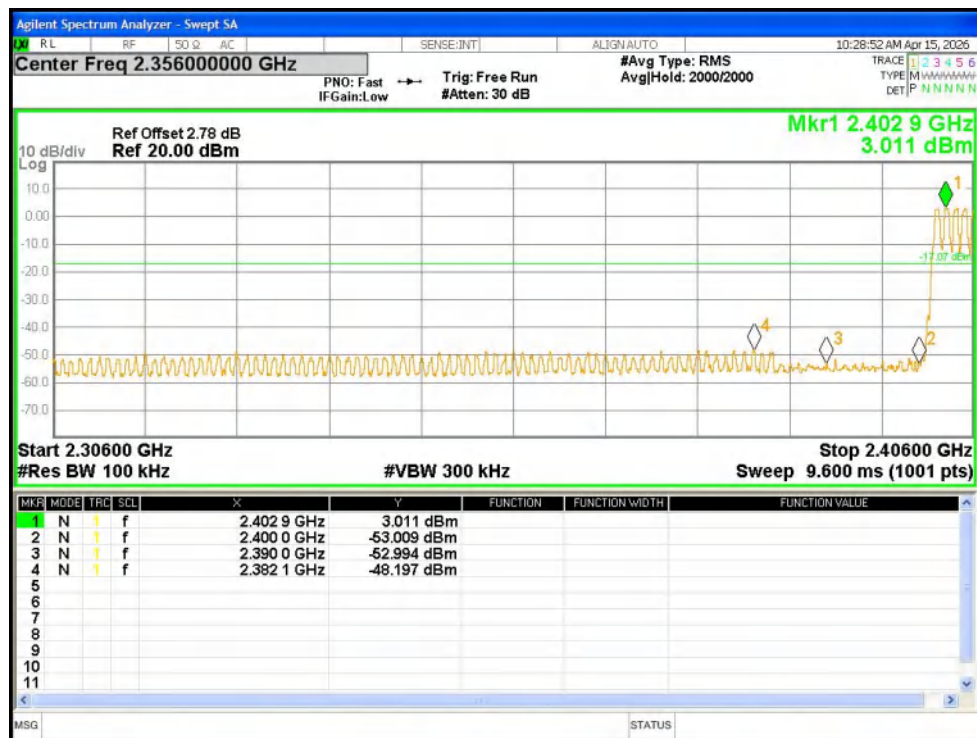
Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

## 7. Band Edge(Hopping)

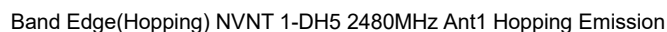
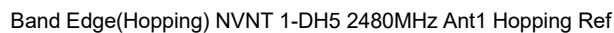
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -51.12          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -51.12          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -51.84          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -51.39          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -52             | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -53.35          | -20         | Pass    |



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

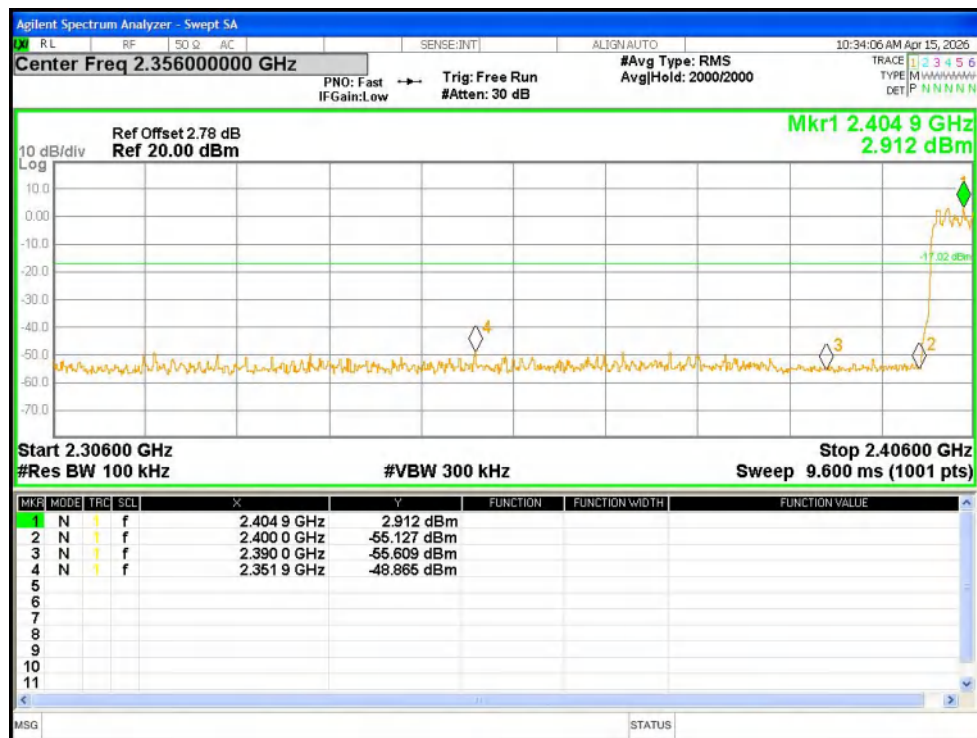


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission





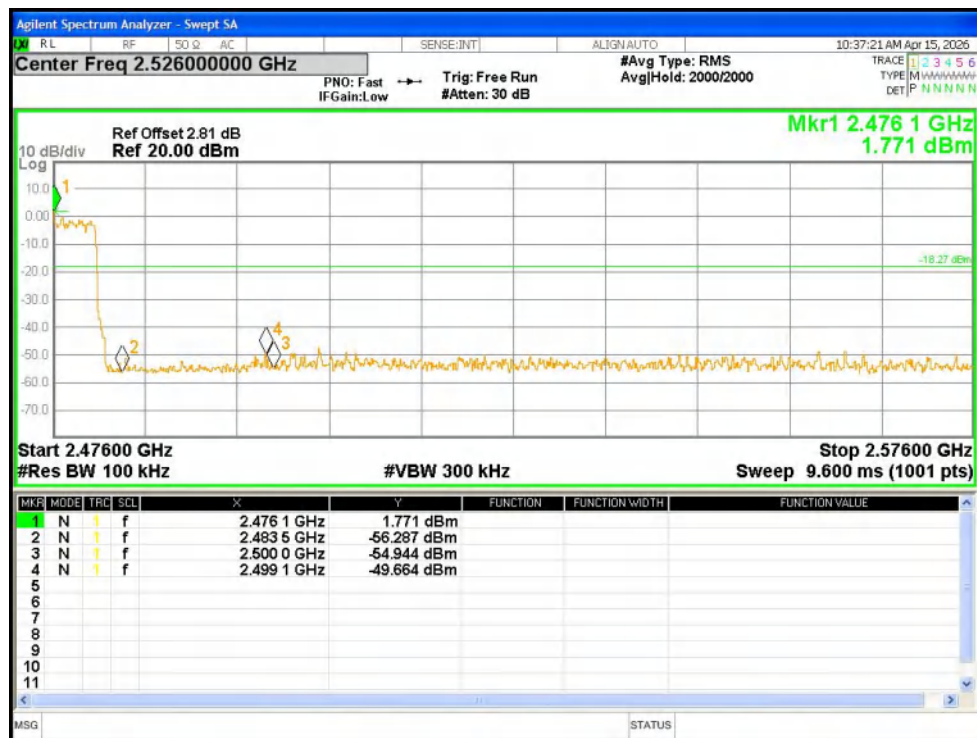
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



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



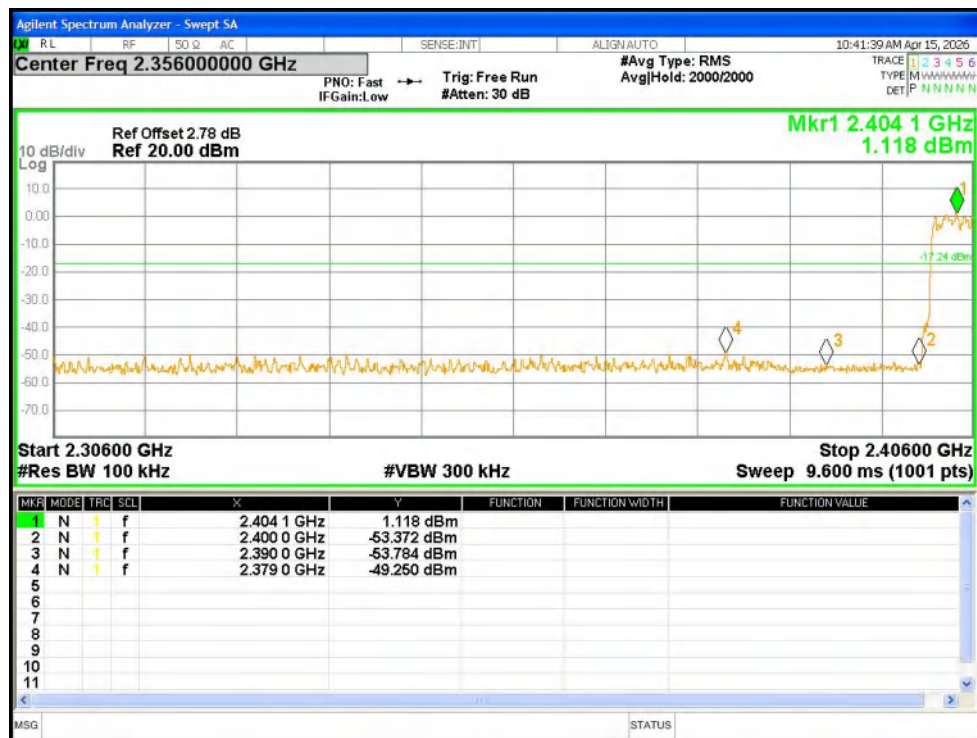
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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



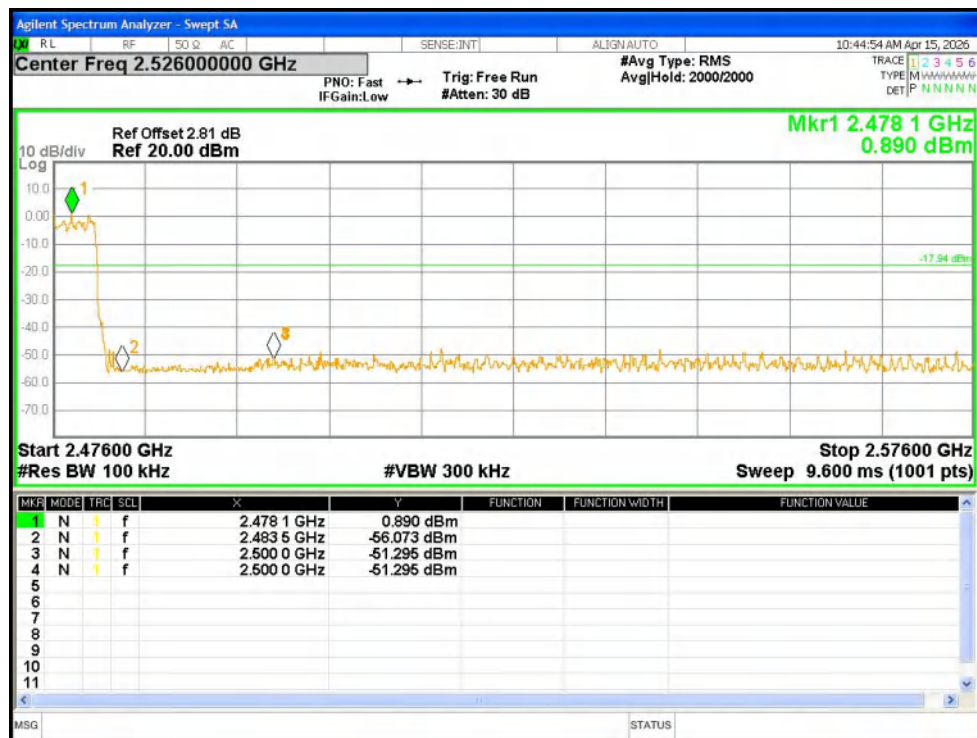
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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



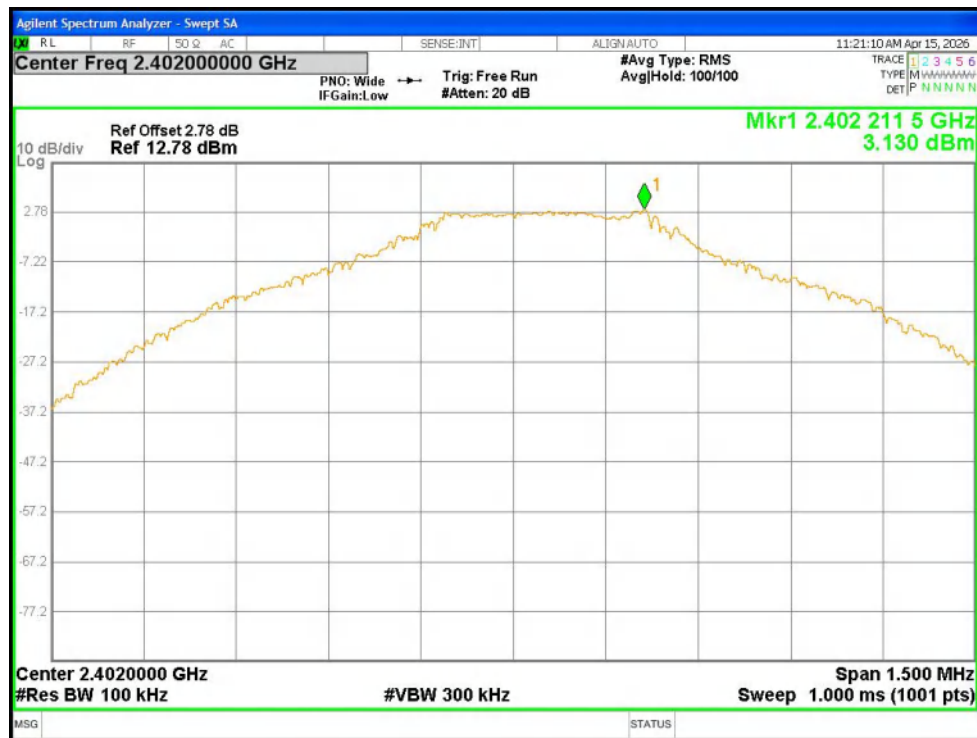
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



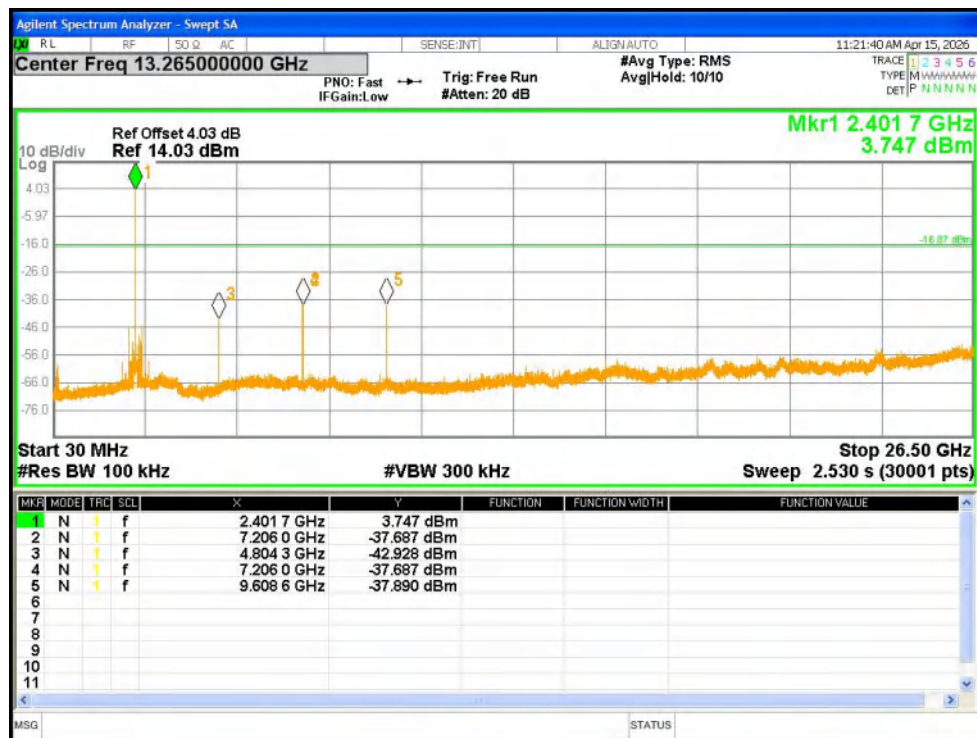
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

## 8. Conducted RF Spurious Emission

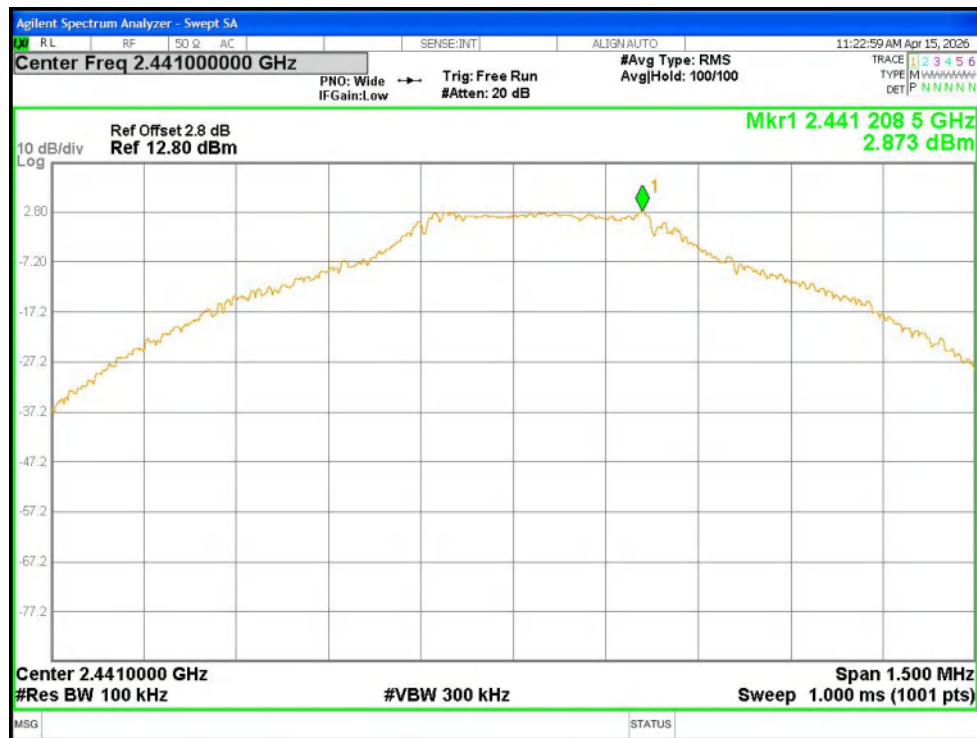
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -40.81          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -40.34          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -39.97          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -39.93          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -40.21          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -39.42          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -40.26          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -39.9           | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -39.48          | -20         | Pass    |



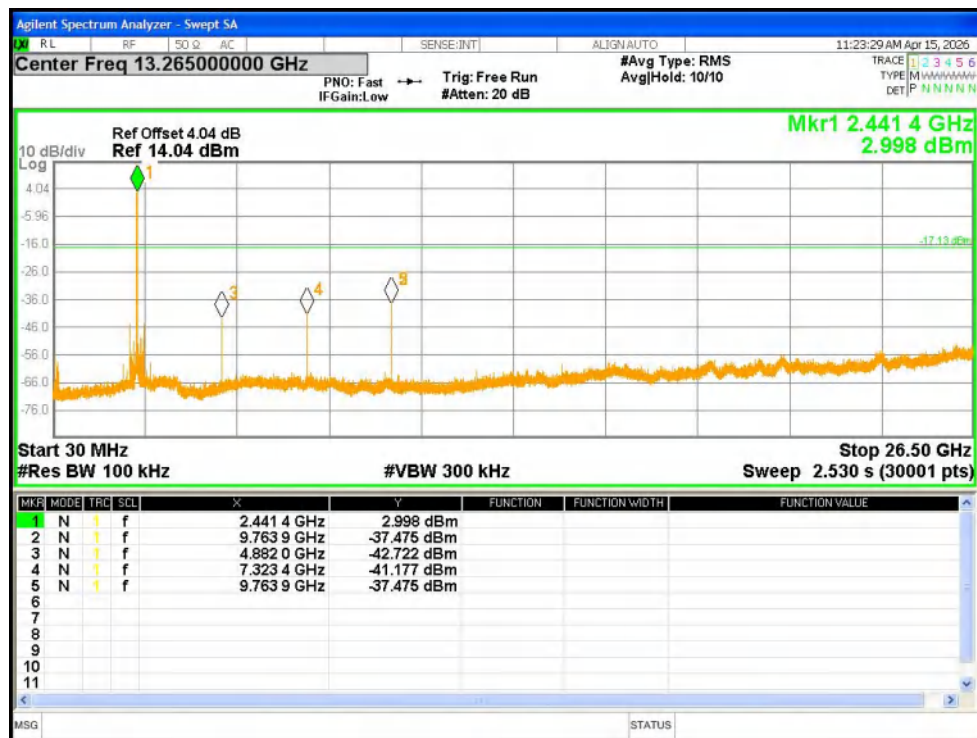
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



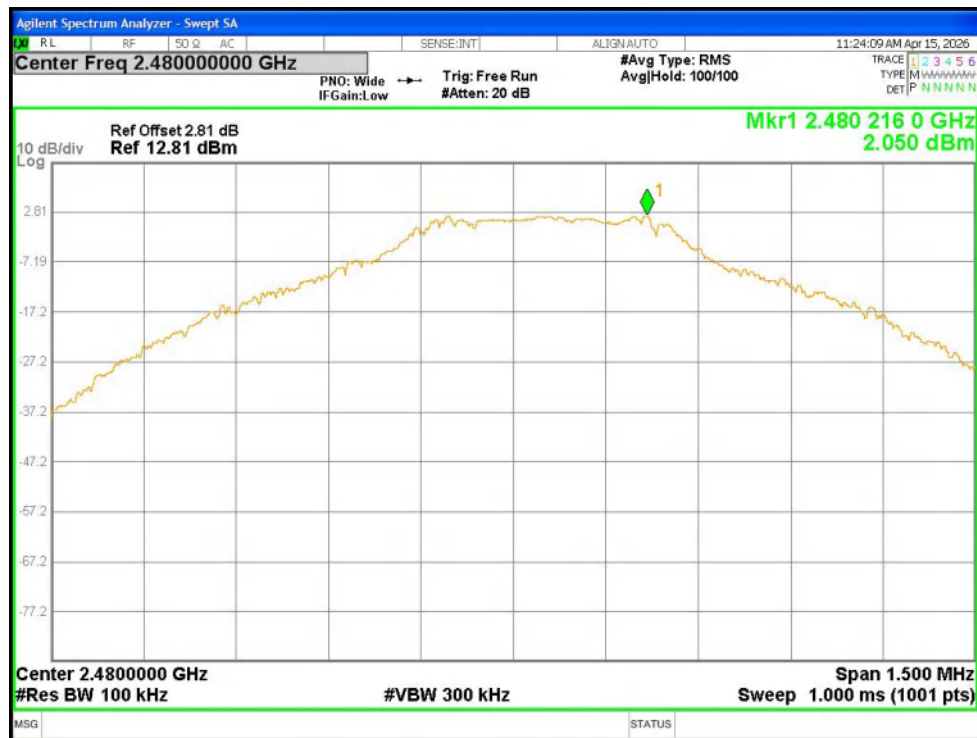
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



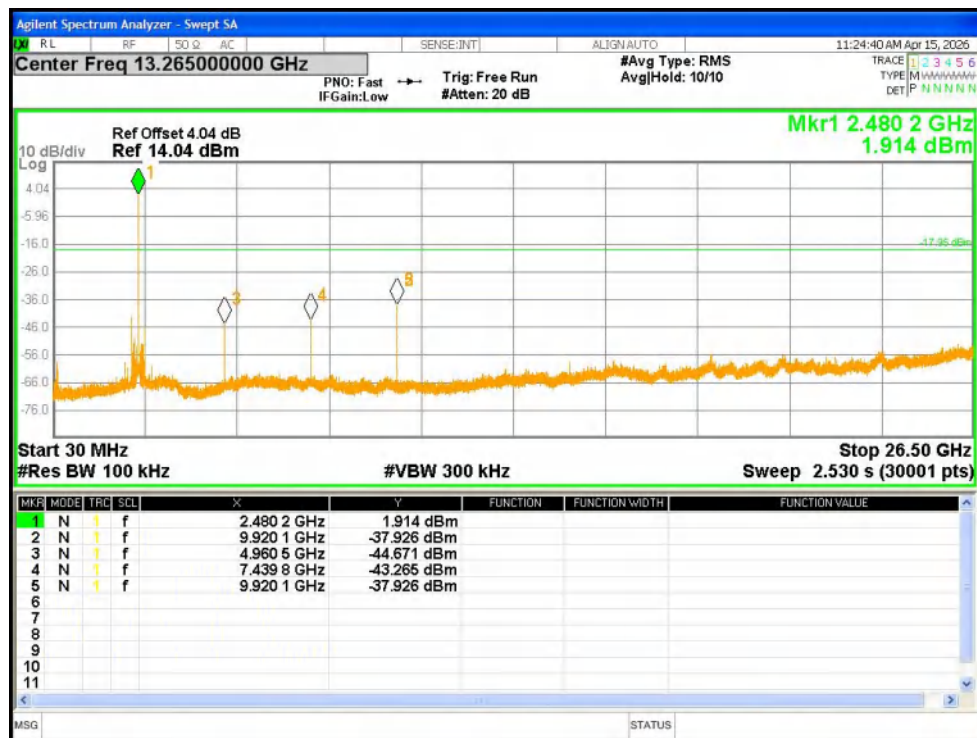
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



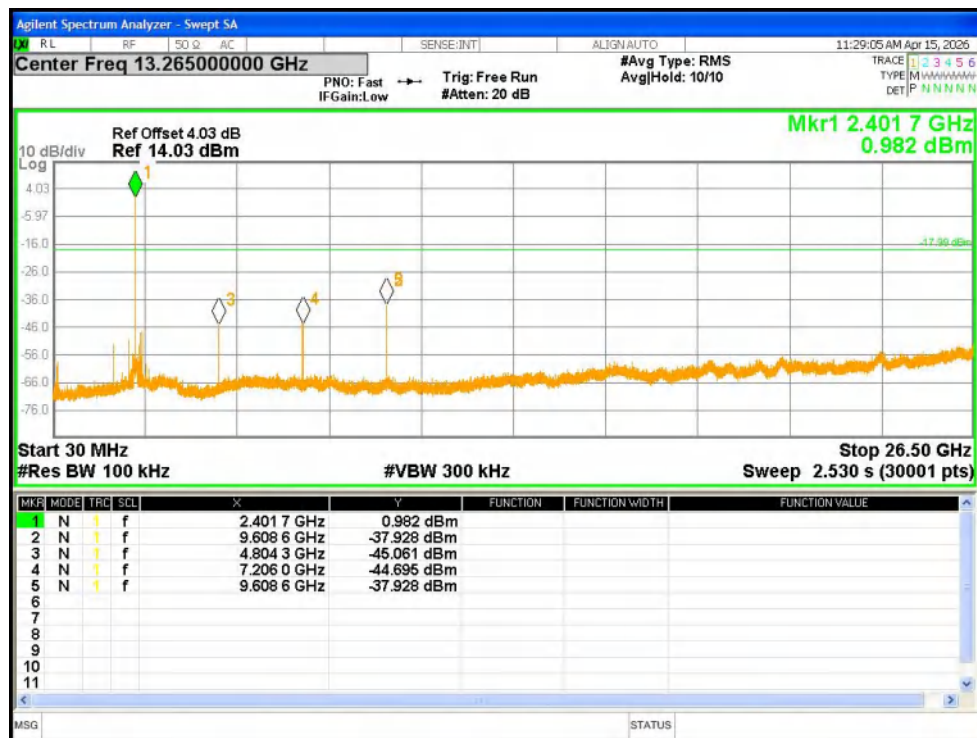
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



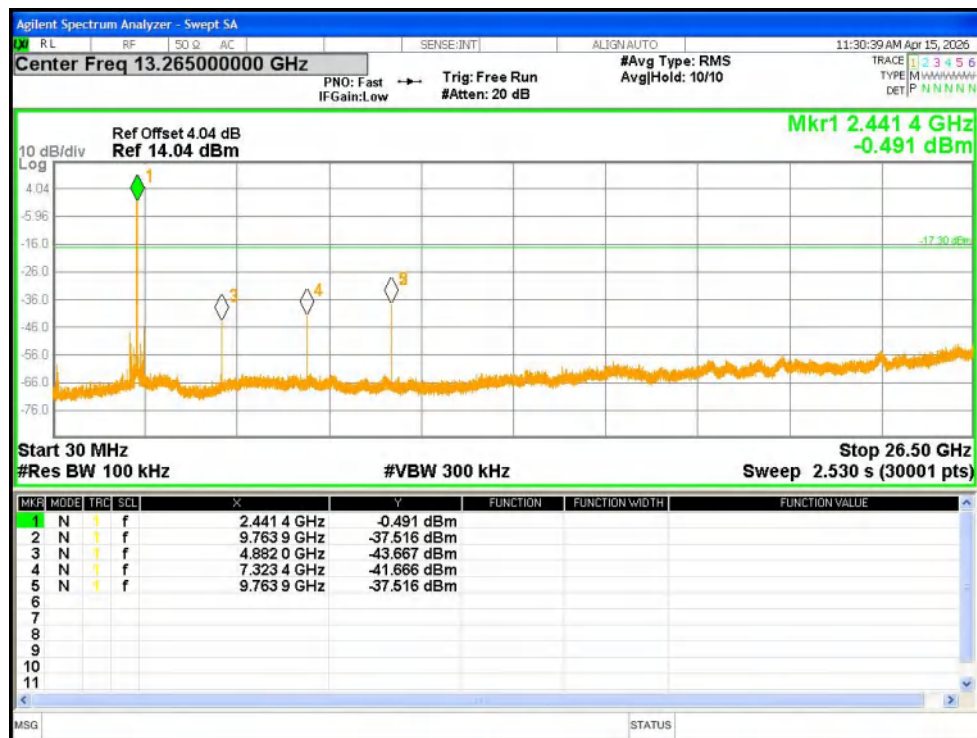
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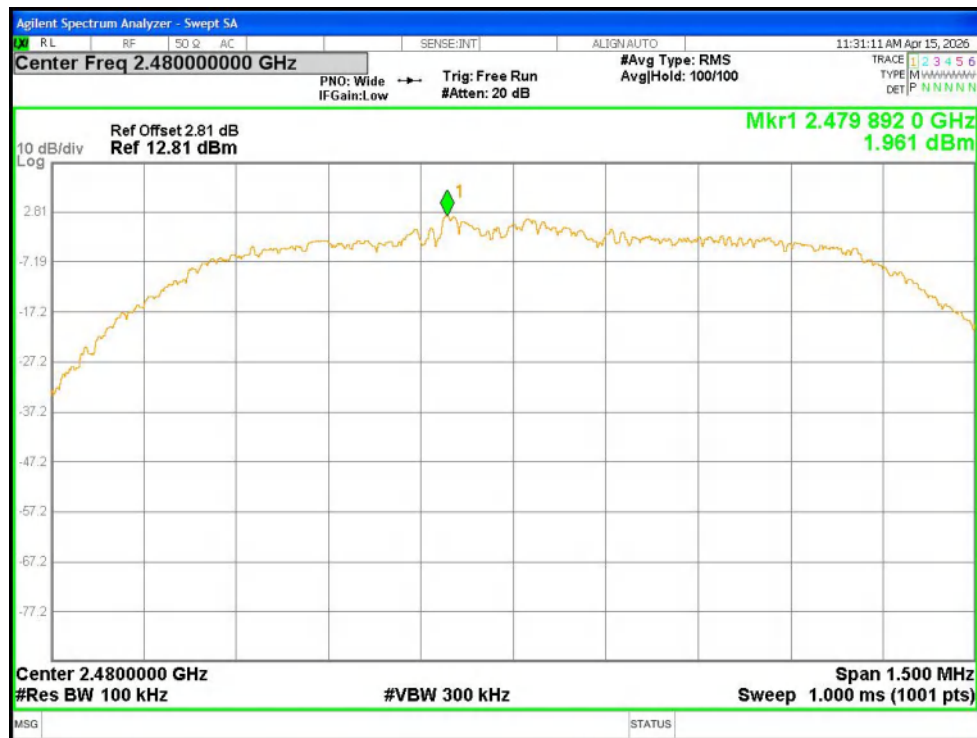
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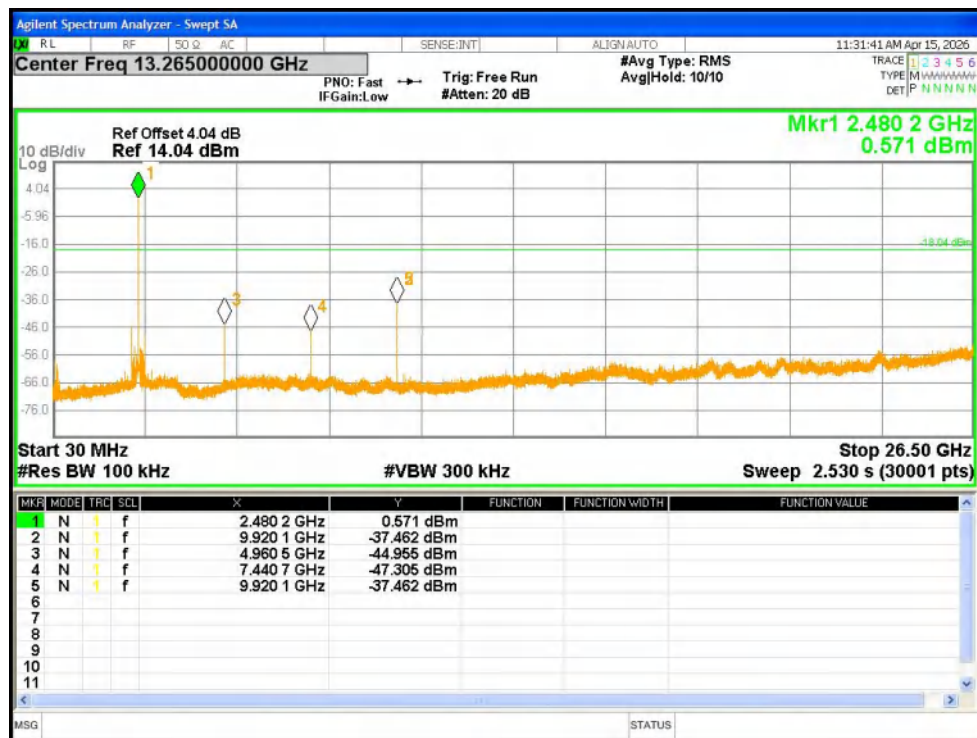
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



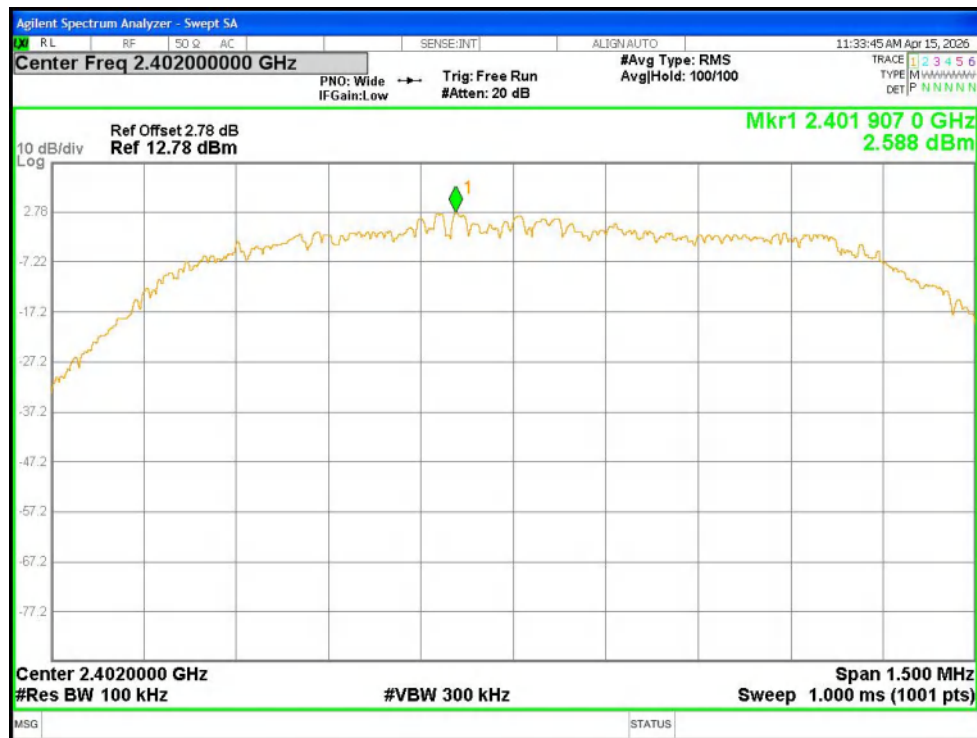
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



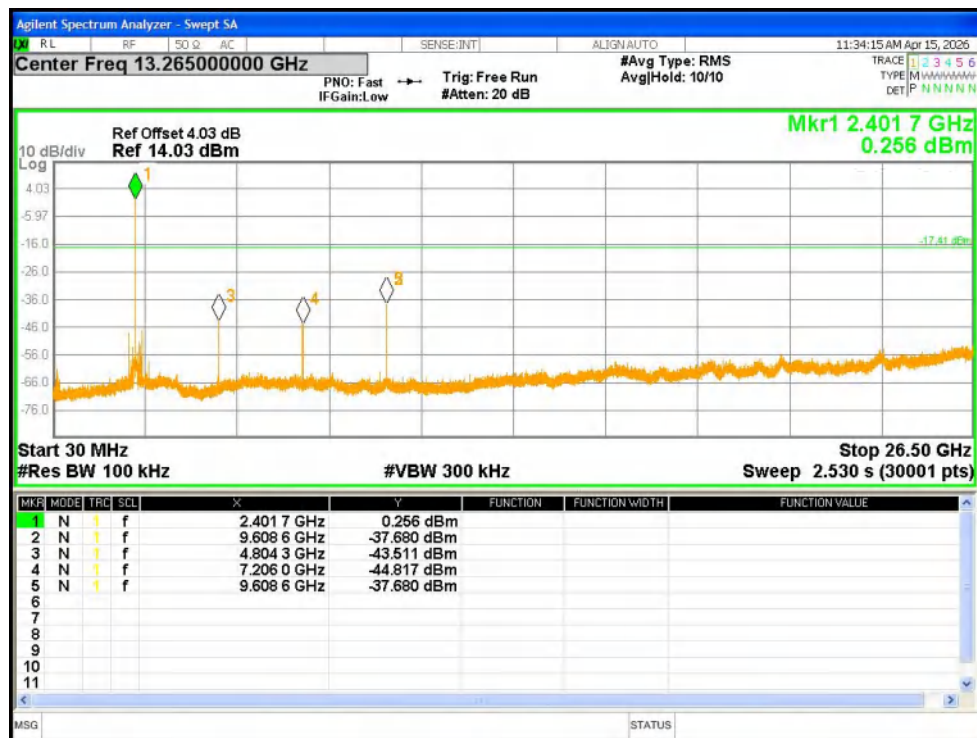
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



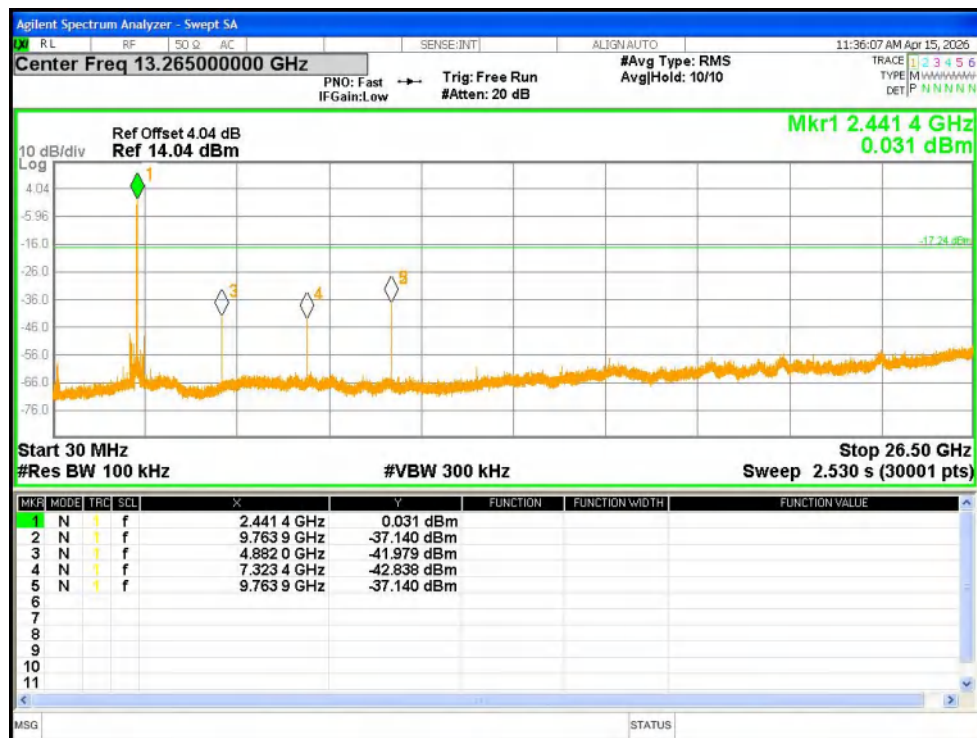
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



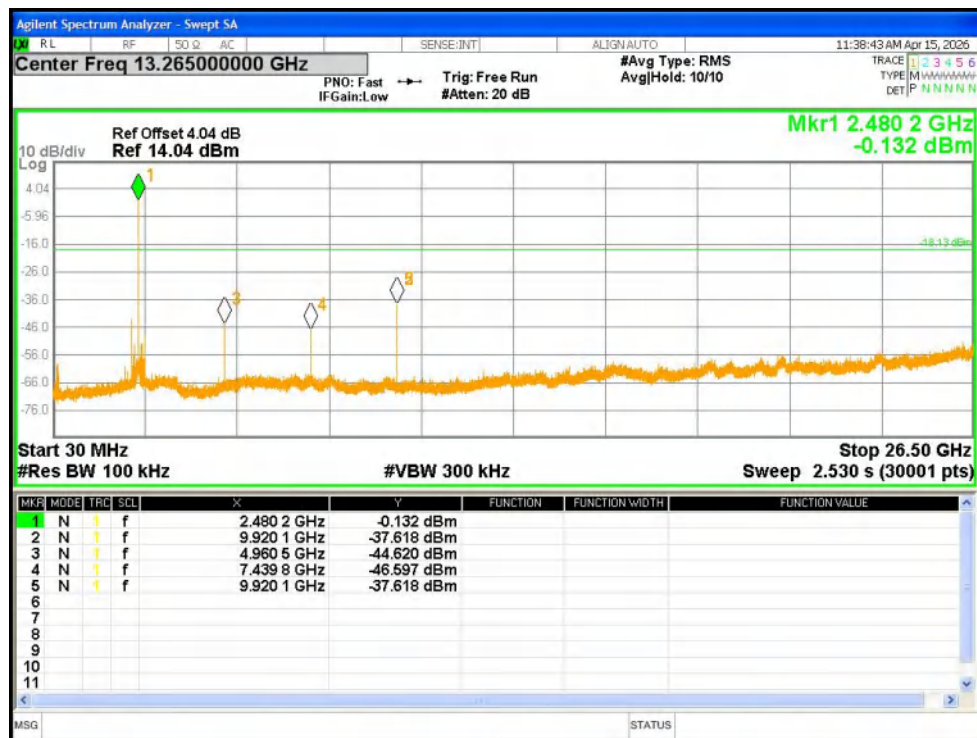
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission