



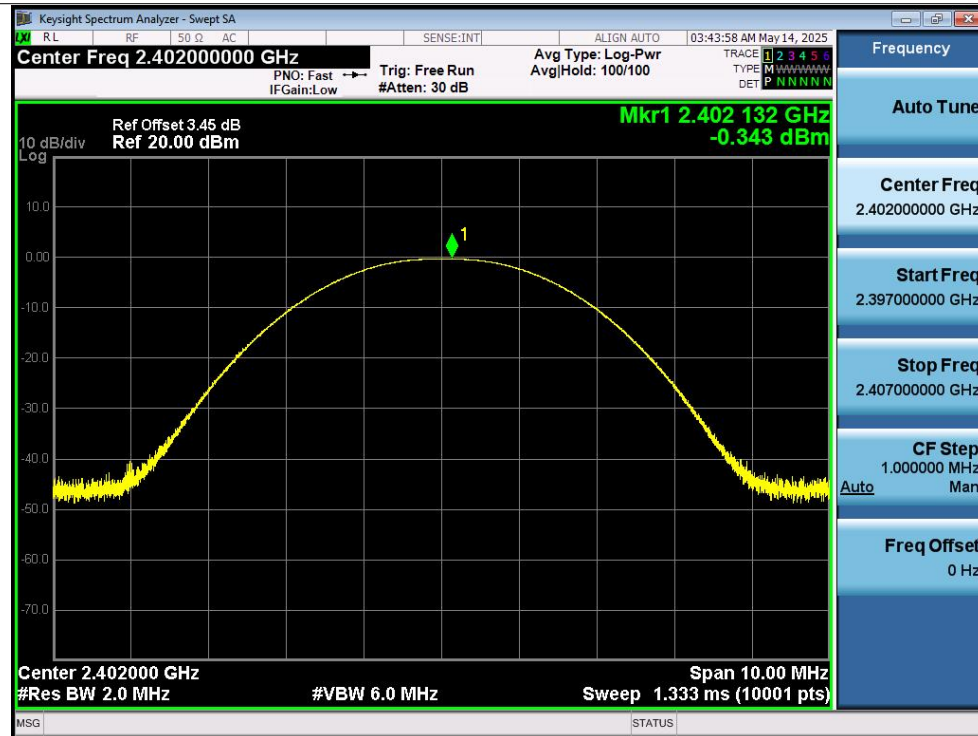
# Appendix B

## Maximum Conducted Output Power

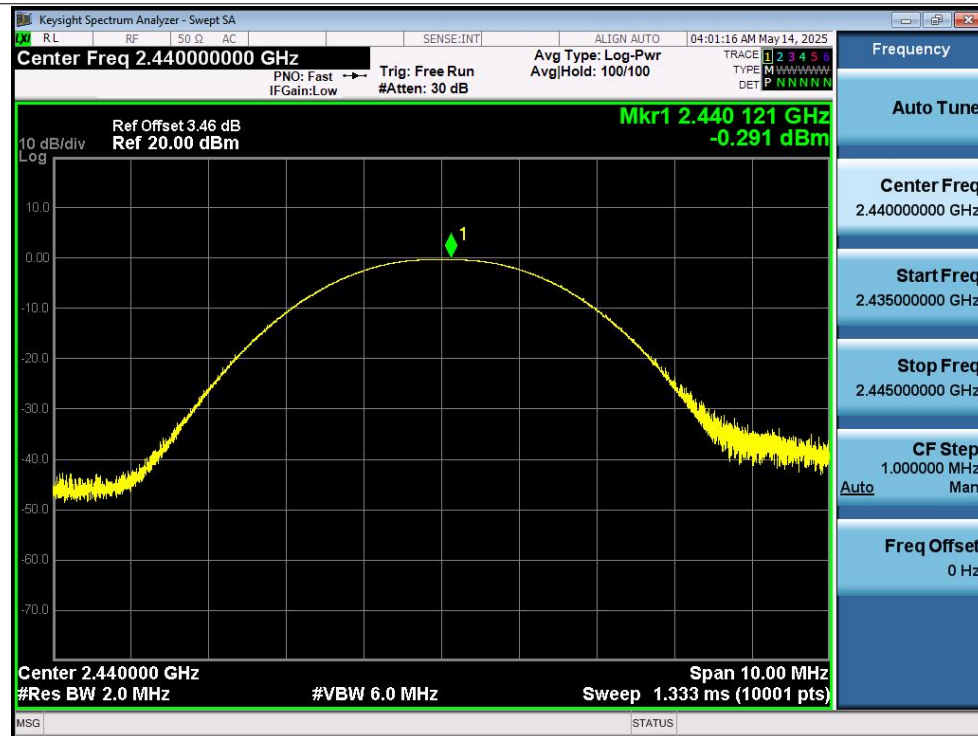
| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -0.34                 | 0                | -0.34             | 21          | Pass    |
| NVNT      | 1-DH5 | 2440            | Ant1    | -0.29                 | 0                | -0.29             | 21          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -0.82                 | 0                | -0.82             | 21          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 0.38                  | 0                | 0.38              | 21          | Pass    |
| NVNT      | 2-DH5 | 2440            | Ant1    | 0.51                  | 0                | 0.51              | 21          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 0.04                  | 0                | 0.04              | 21          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 0.37                  | 0                | 0.37              | 21          | Pass    |
| NVNT      | 3-DH5 | 2440            | Ant1    | 0.54                  | 0                | 0.54              | 21          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 0.02                  | 0                | 0.02              | 21          | Pass    |

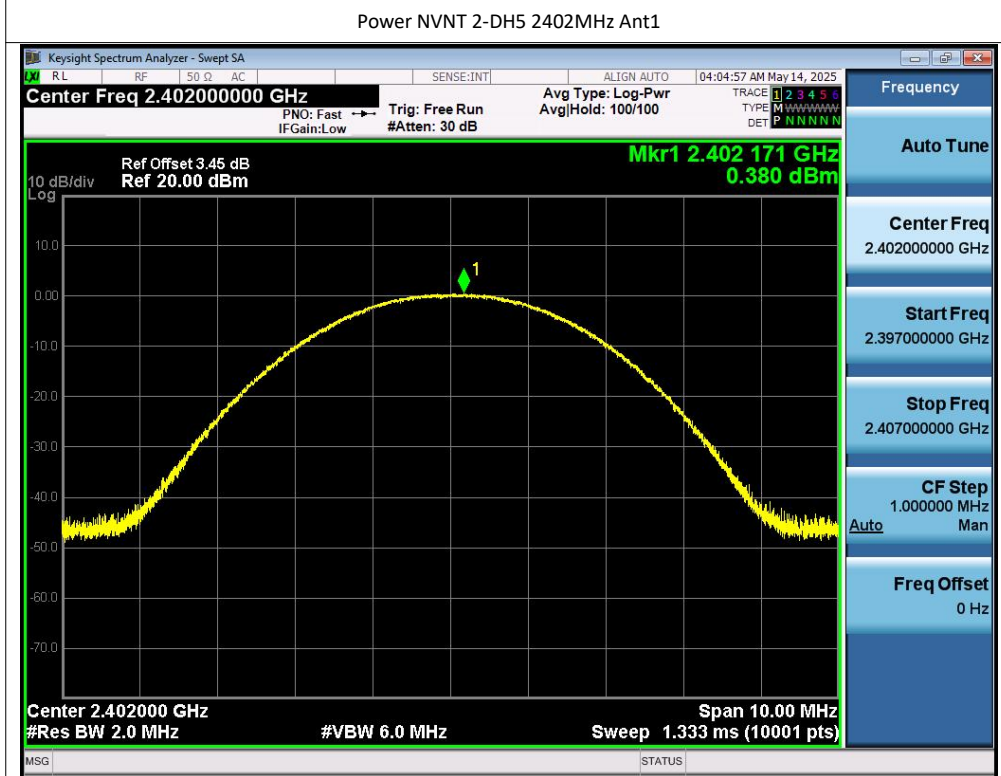
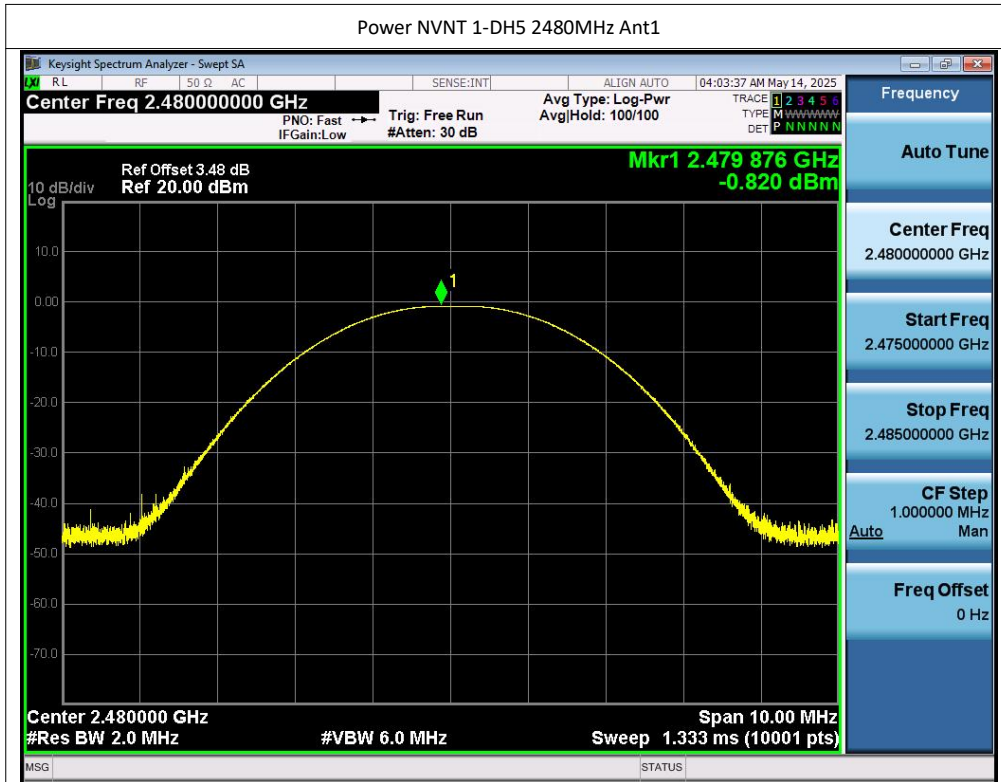
## Test Graphs

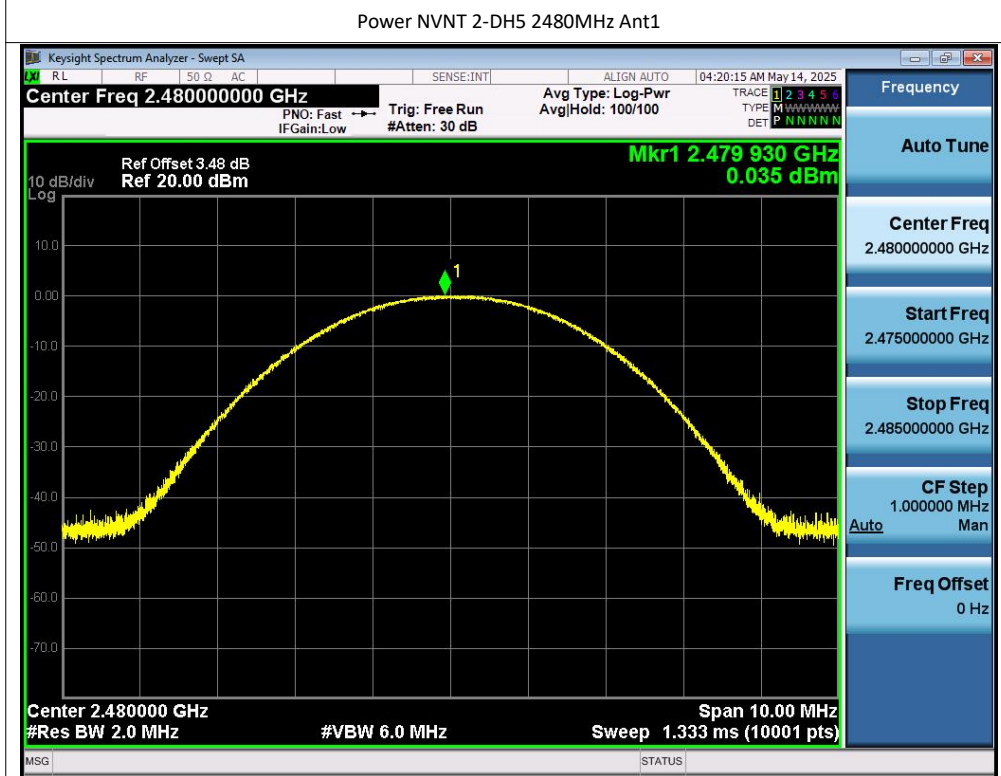
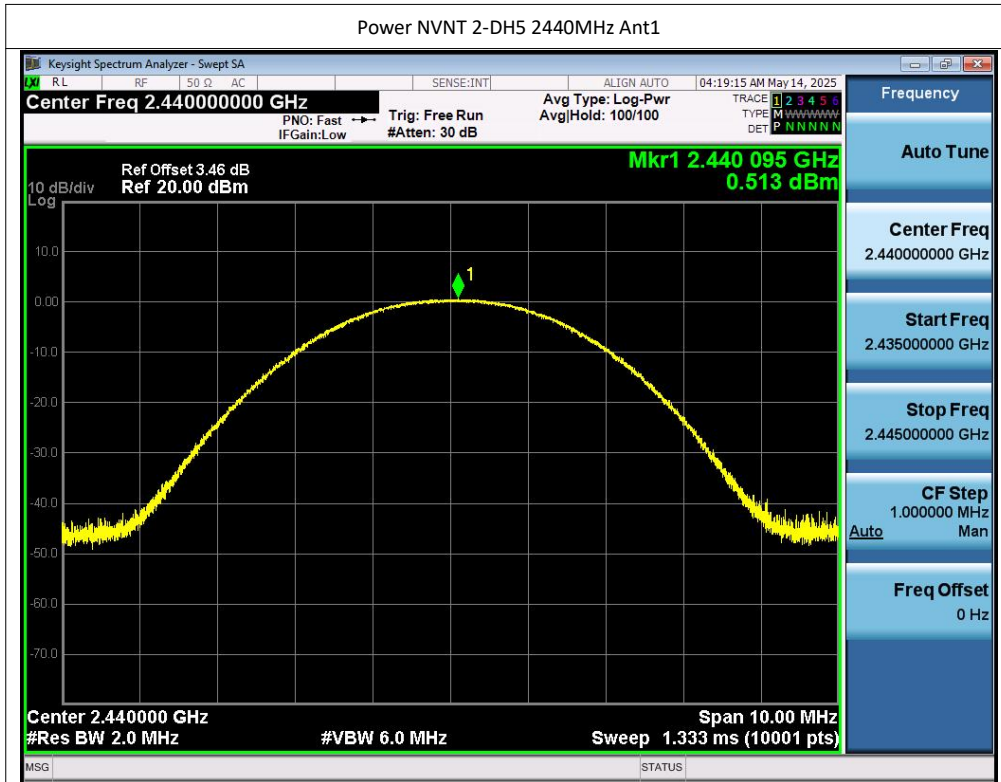
Power NVNT 1-DH5 2402MHz Ant1

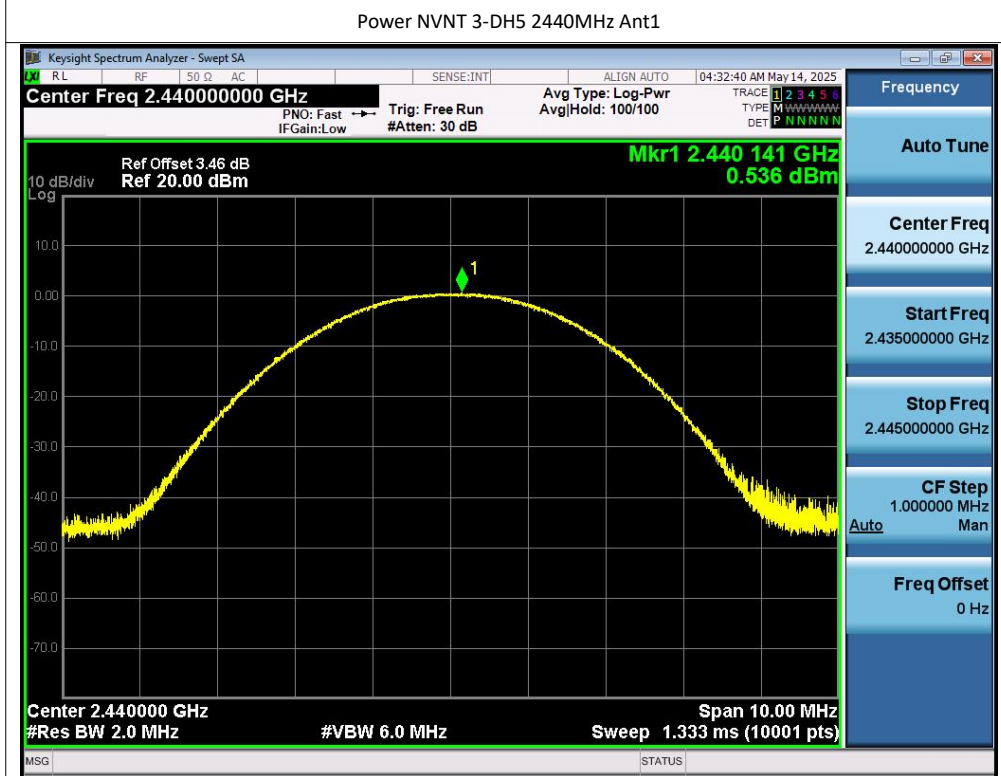
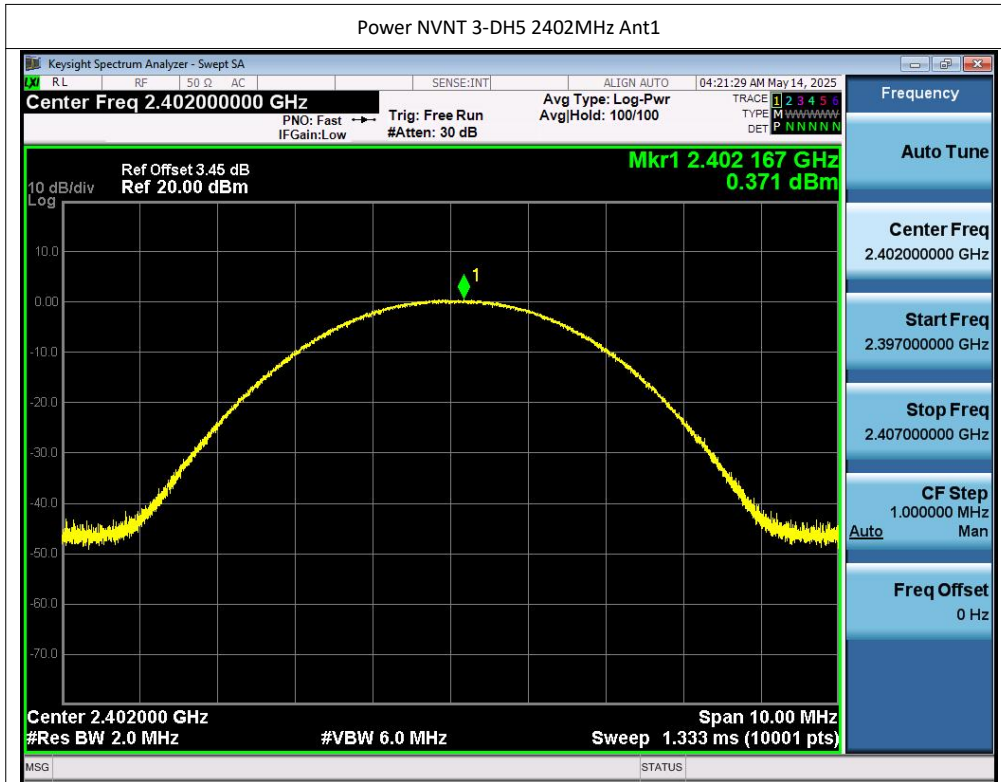


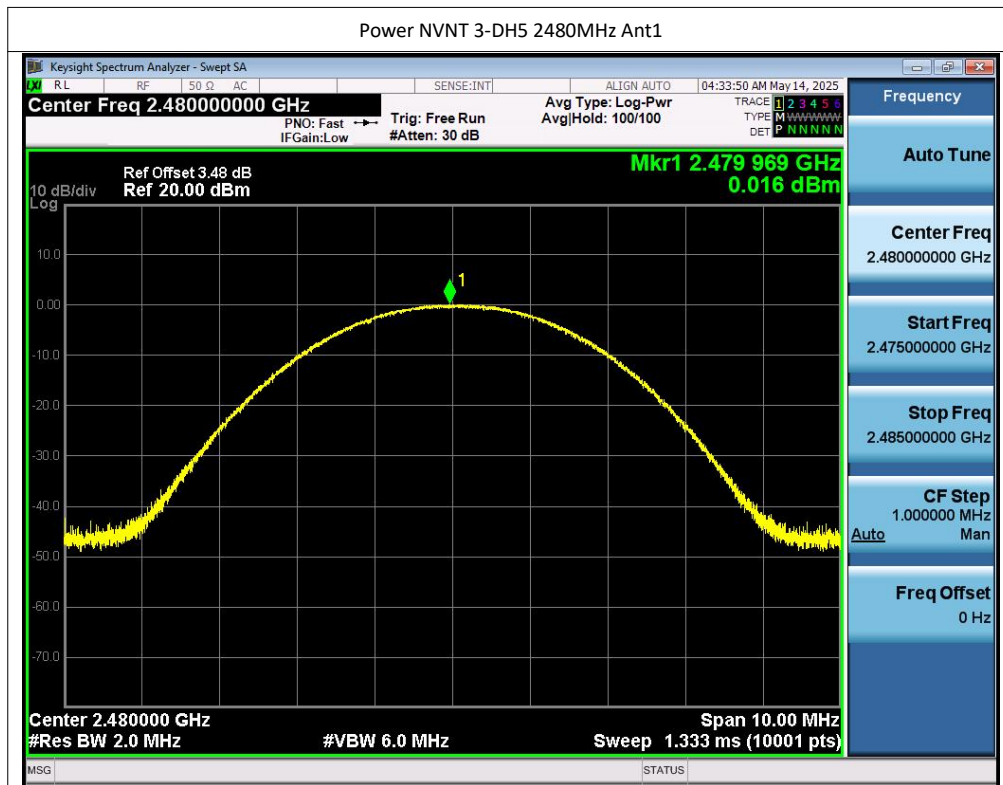
Power NVNT 1-DH5 2440MHz Ant1











**-20dB Bandwidth**

| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.992                  | Pass    |
| NVNT      | 1-DH5 | 2440            | Ant1    | 0.95                   | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.953                  | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.28                   | Pass    |
| NVNT      | 2-DH5 | 2440            | Ant1    | 1.315                  | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.304                  | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.314                  | Pass    |
| NVNT      | 3-DH5 | 2440            | Ant1    | 1.341                  | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.314                  | Pass    |

## Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2440MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



## -20dB Bandwidth NVNT 2-DH5 2440MHz Ant1



## -20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

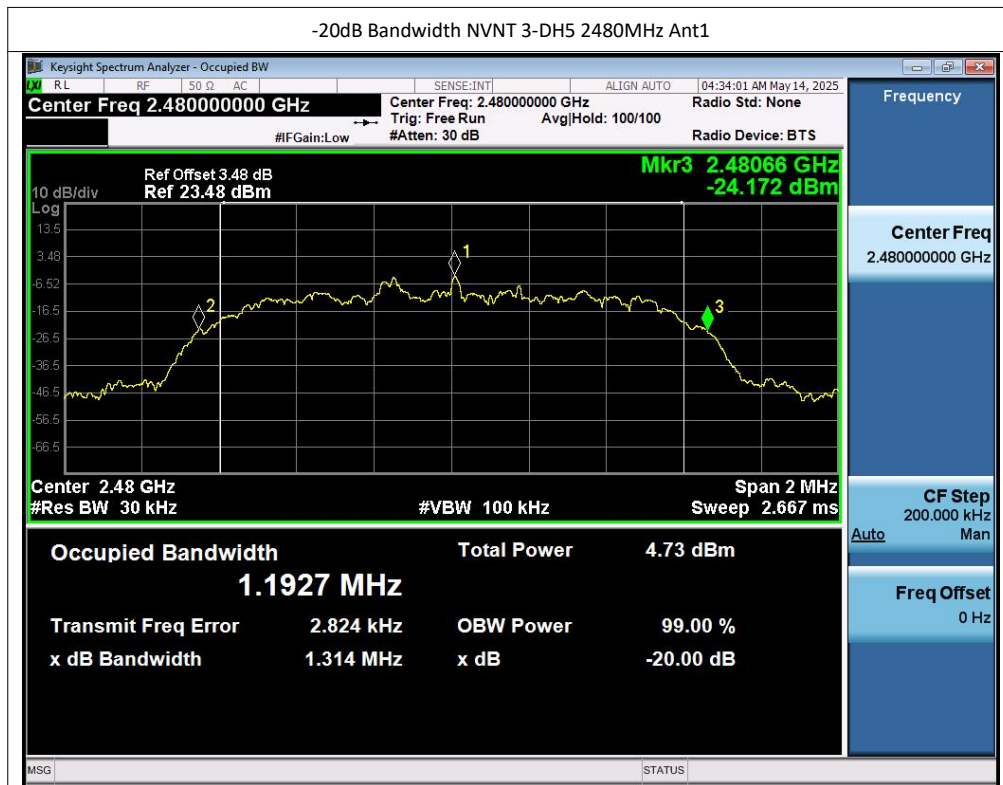


## -20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



## -20dB Bandwidth NVNT 3-DH5 2440MHz Ant1







## Occupied Channel Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.865         |
| NVNT      | 1-DH5 | 2440            | Ant1    | 0.889         |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.876         |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.195         |
| NVNT      | 2-DH5 | 2440            | Ant1    | 1.201         |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.181         |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.184         |
| NVNT      | 3-DH5 | 2440            | Ant1    | 1.195         |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.186         |

## Test Graphs

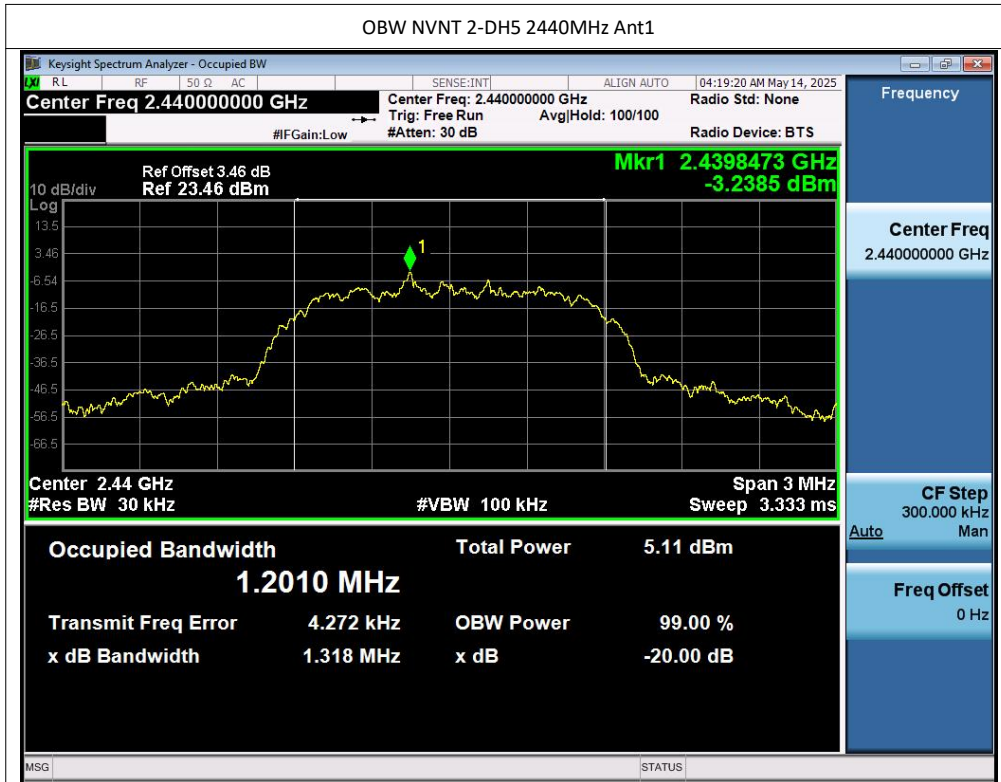
OBW NVNT 1-DH5 2402MHz Ant1

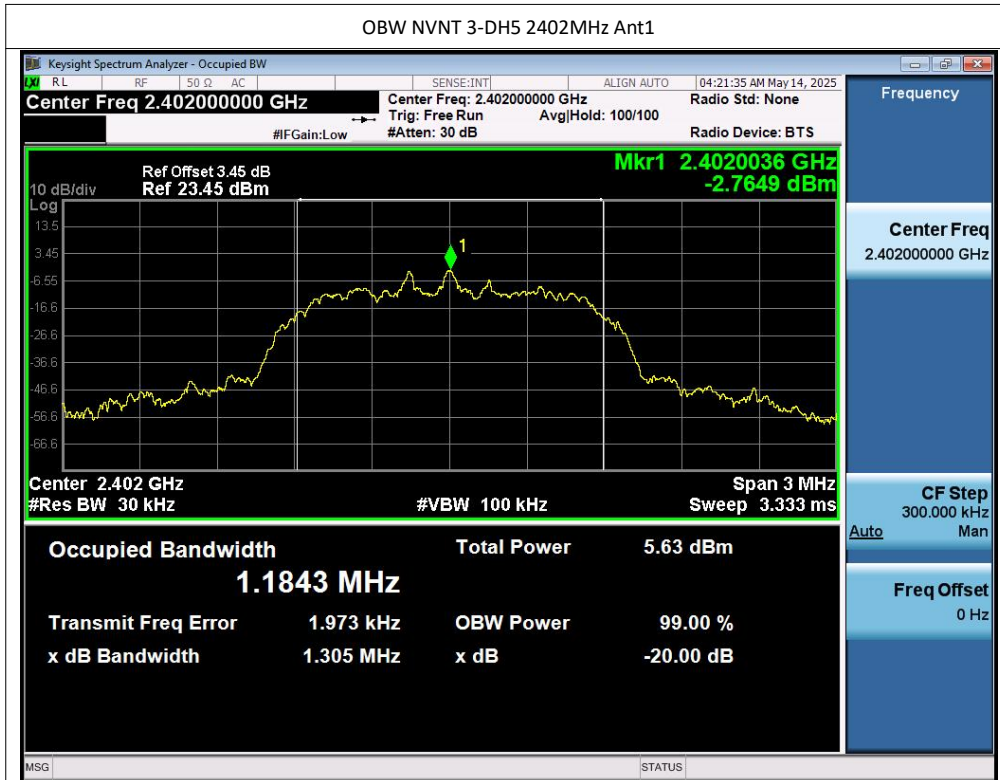


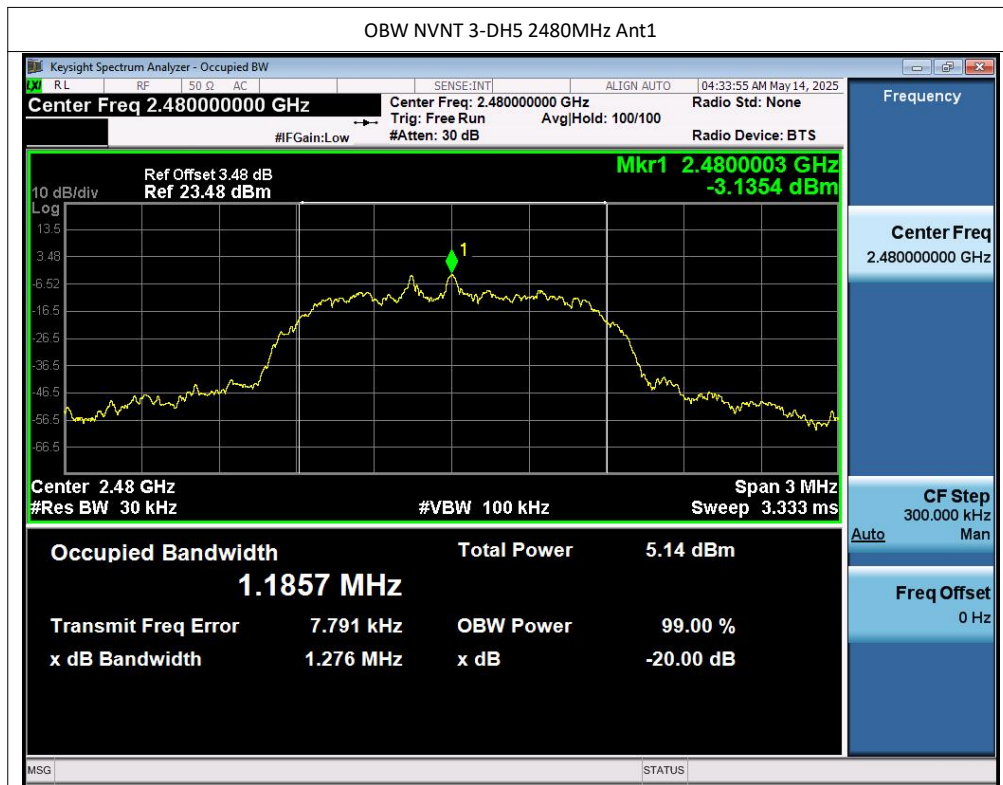
OBW NVNT 1-DH5 2440MHz Ant1











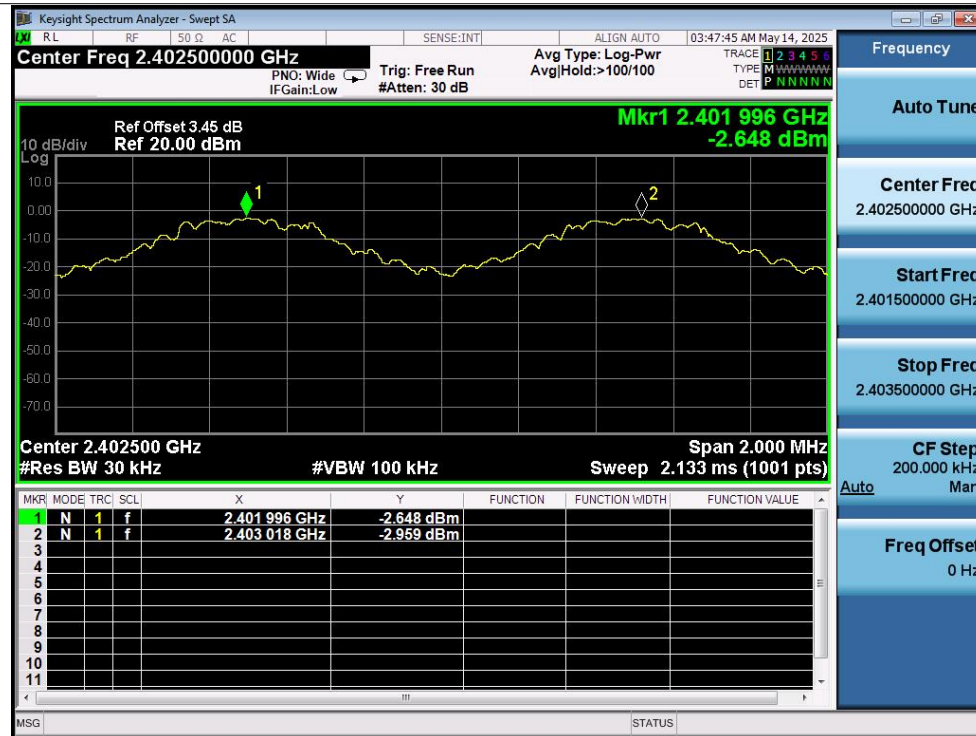


## Carrier Frequencies Separation

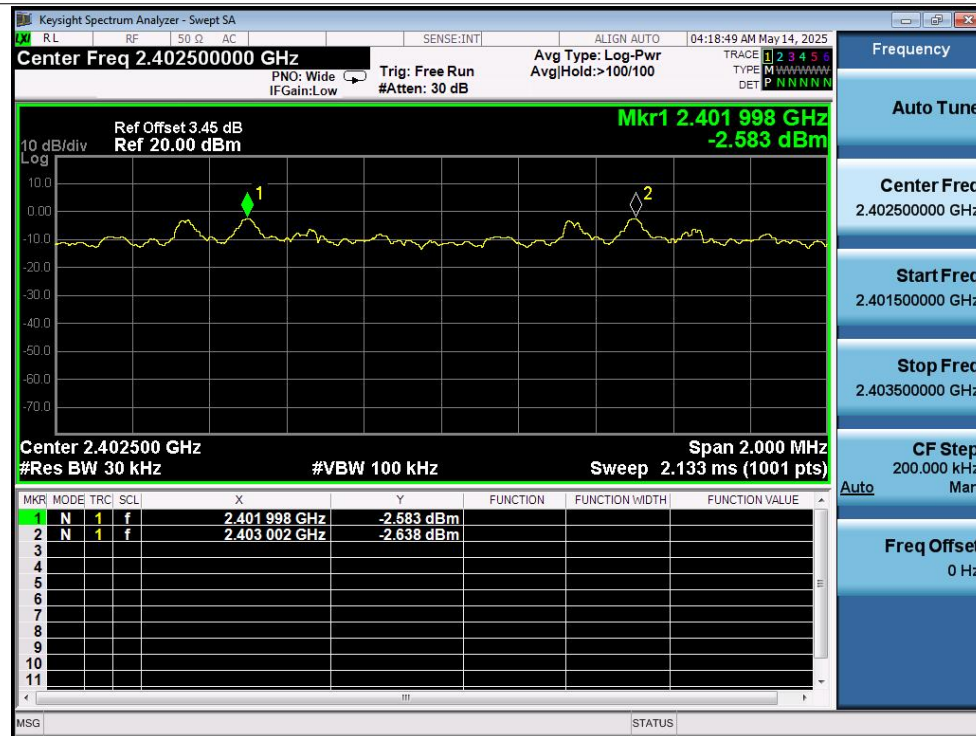
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2401.996            | 2403.018            | 1.022     | 0.661       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2401.998            | 2403.002            | 1.004     | 0.853       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2401.838            | 2402.998            | 1.16      | 0.876       | Pass    |

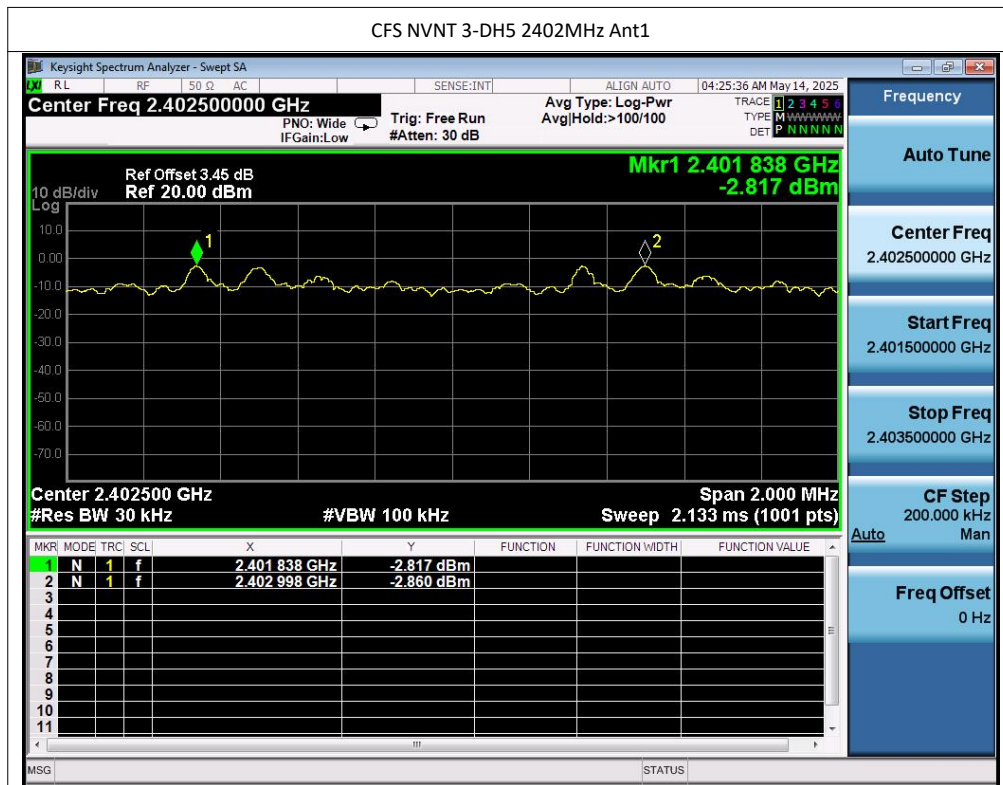
## Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1





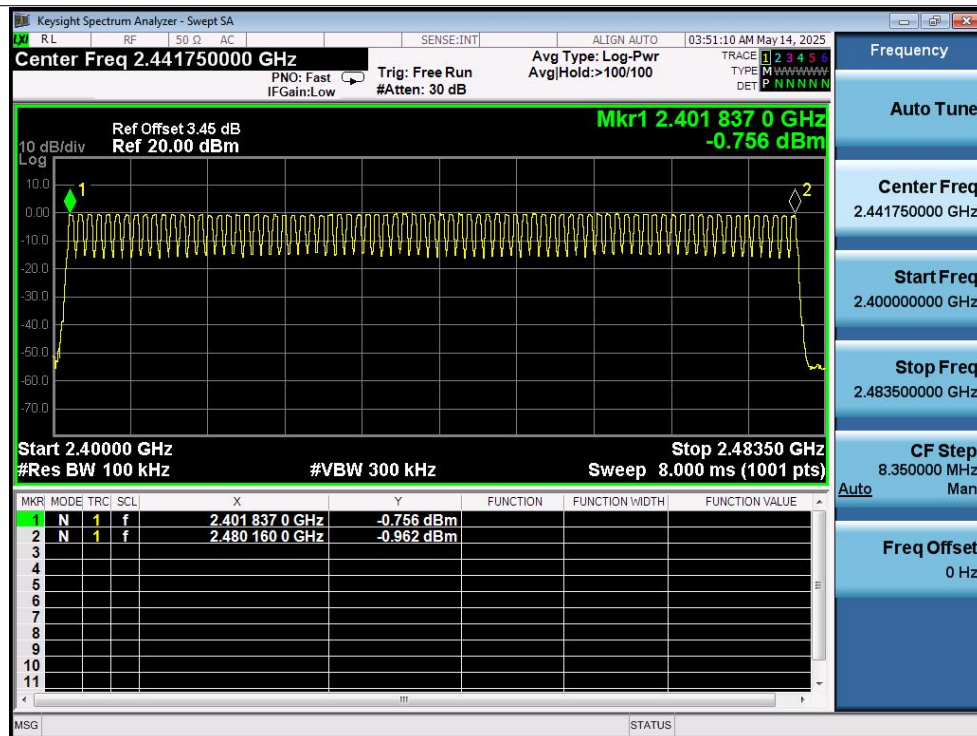


## Number of Hopping Channel

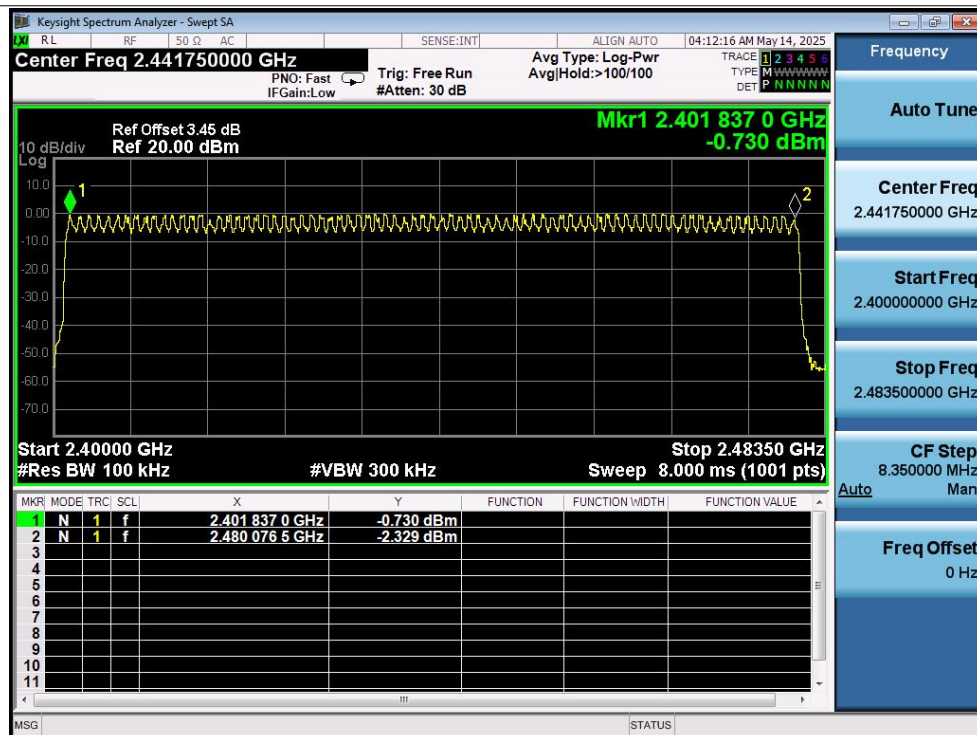
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79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

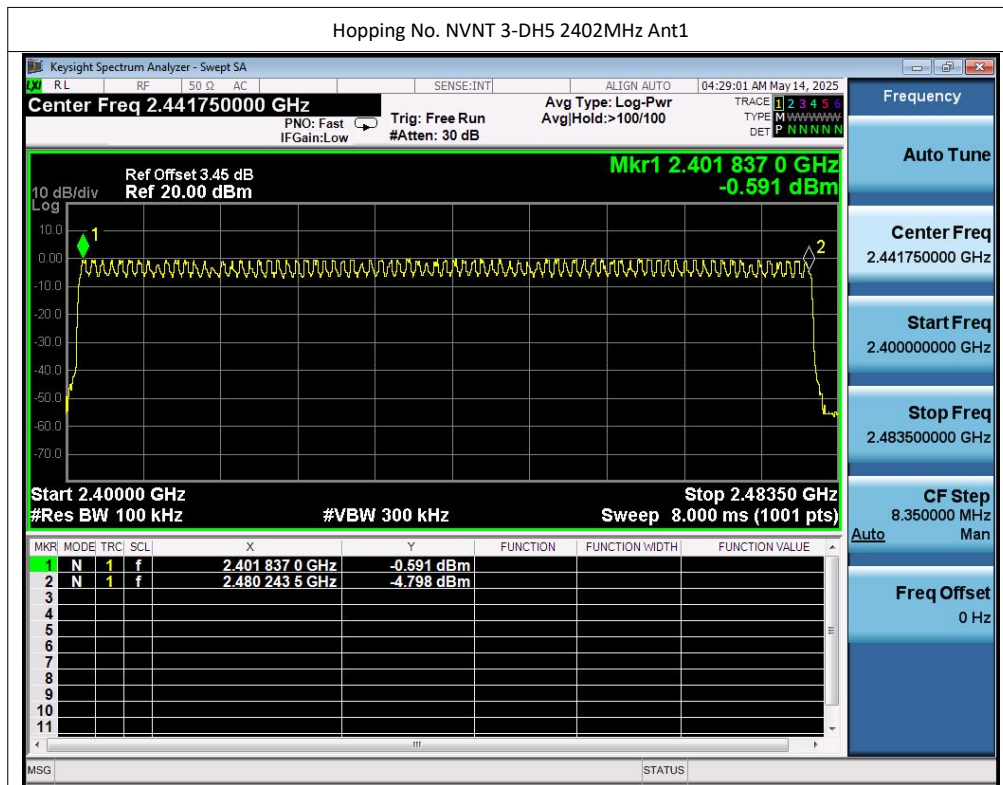
## Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1





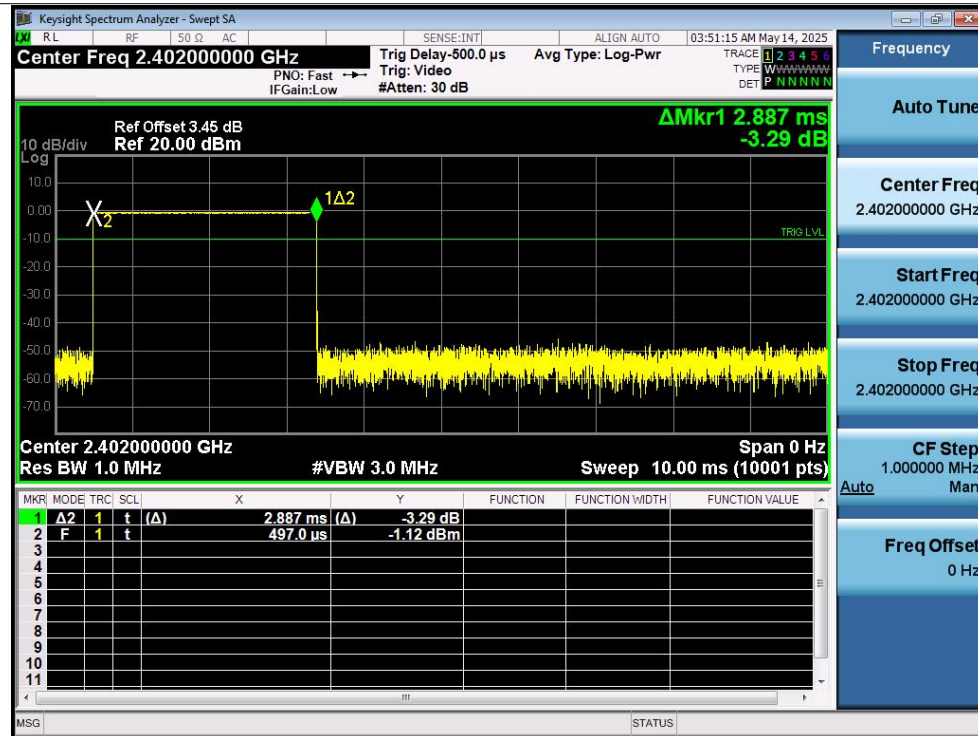


## Dwell Time

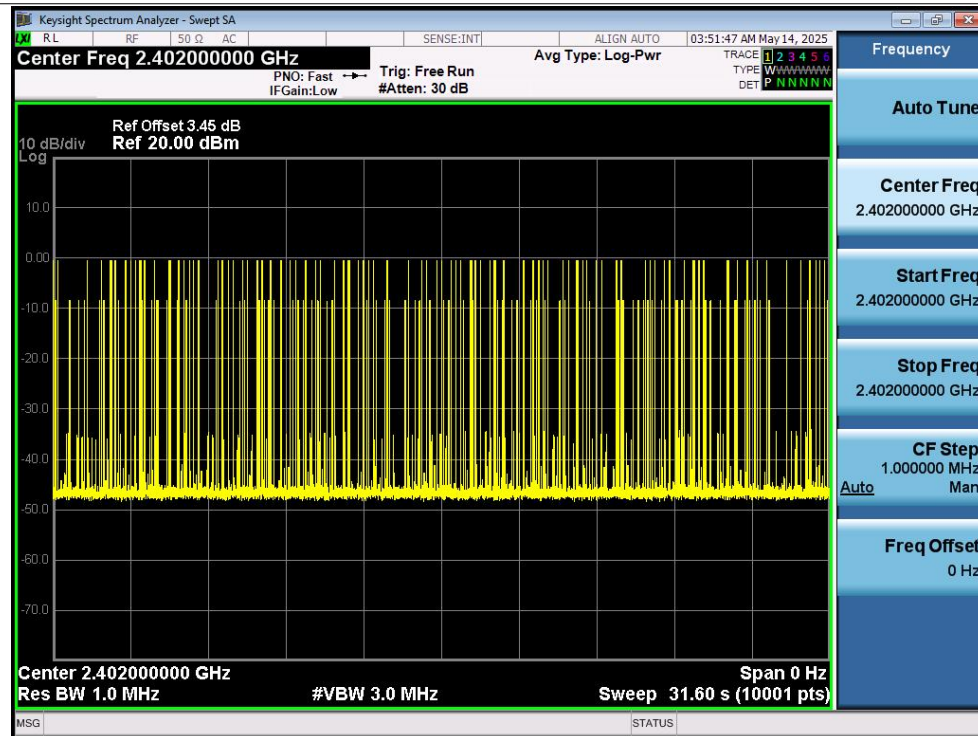
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|-------------|------------------|------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 2.887           | 317.57                | 110         | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 2.892           | 306.552               | 106         | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2.892           | 358.608               | 124         | 31600            | 400        | Pass    |

## Test Graphs

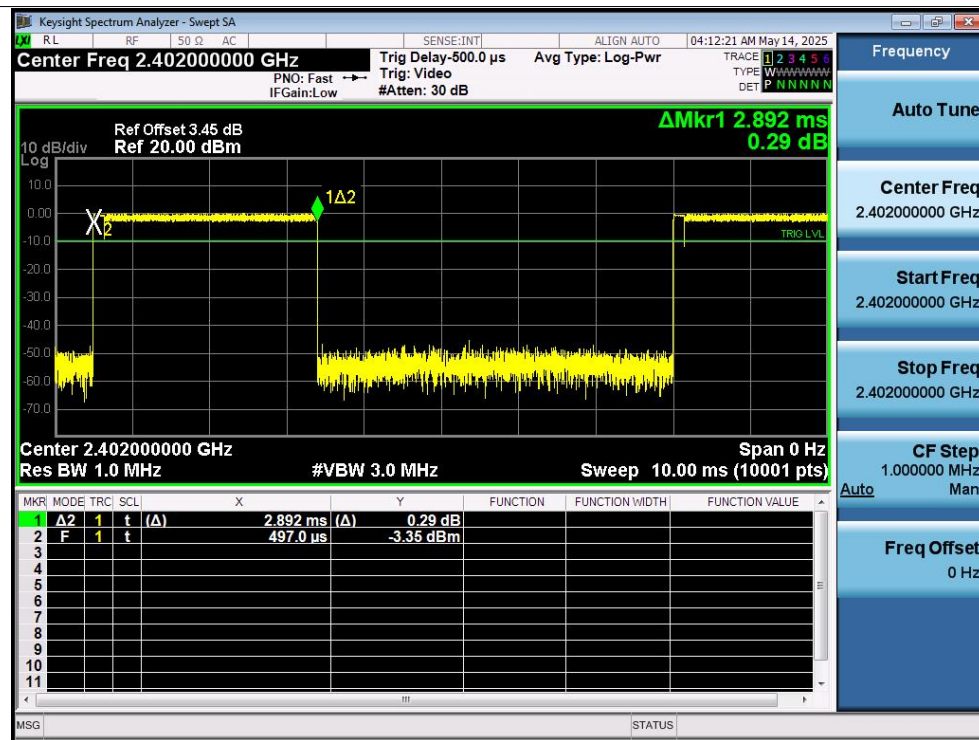
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated





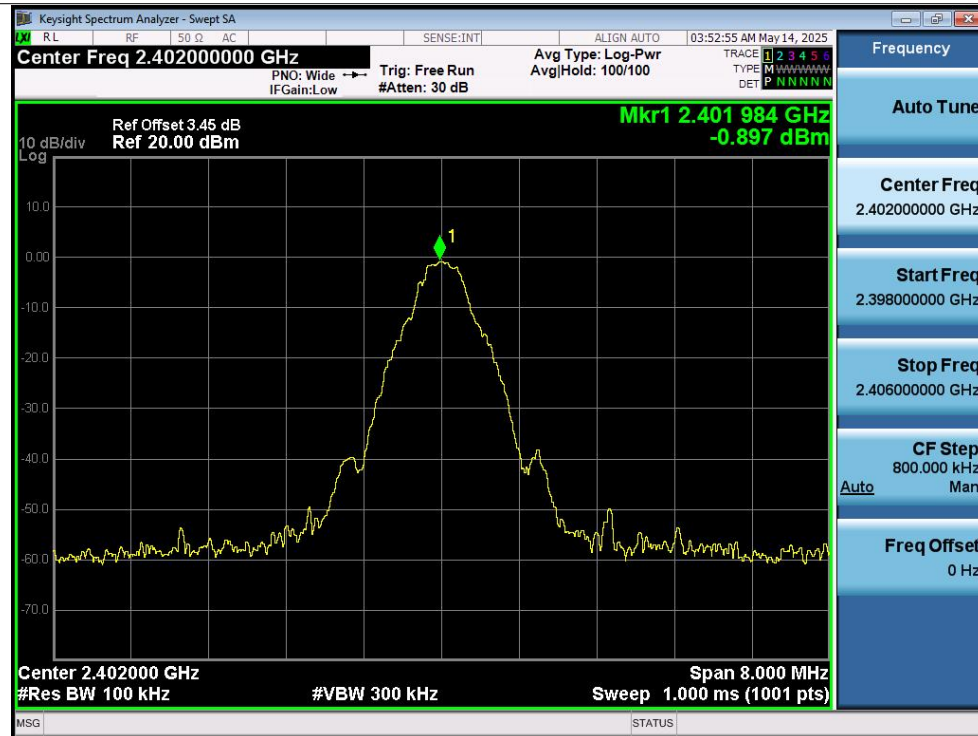


## Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -54.33          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -54.87          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -49.09          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -54.88          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -51.51          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -51.85          | -20         | Pass    |

## Test Graphs

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



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

