

# RF Test Data for Bluetooth (Conducted Measurements)

| General Description of EUT                                                                                                                  |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Product Name:                                                                                                                               | Predator Call           |
| Test Model:                                                                                                                                 | CZ01                    |
| Sample ID:                                                                                                                                  | HC-C-202510-0093-02-01# |
| Environmental Conditions                                                                                                                    |                         |
| Temperature:                                                                                                                                | 25℃                     |
| Relative Humidity:                                                                                                                          | 55%                     |
| Test Voltage:                                                                                                                               | DC 6V                   |
| Test Engineer:                                                                                                                              | Lily Zhang              |
| Note: For a more detailed features description, please refer to the report TBR-C-202510-0093-2<br>The report only show the worst case data. |                         |

## Contents

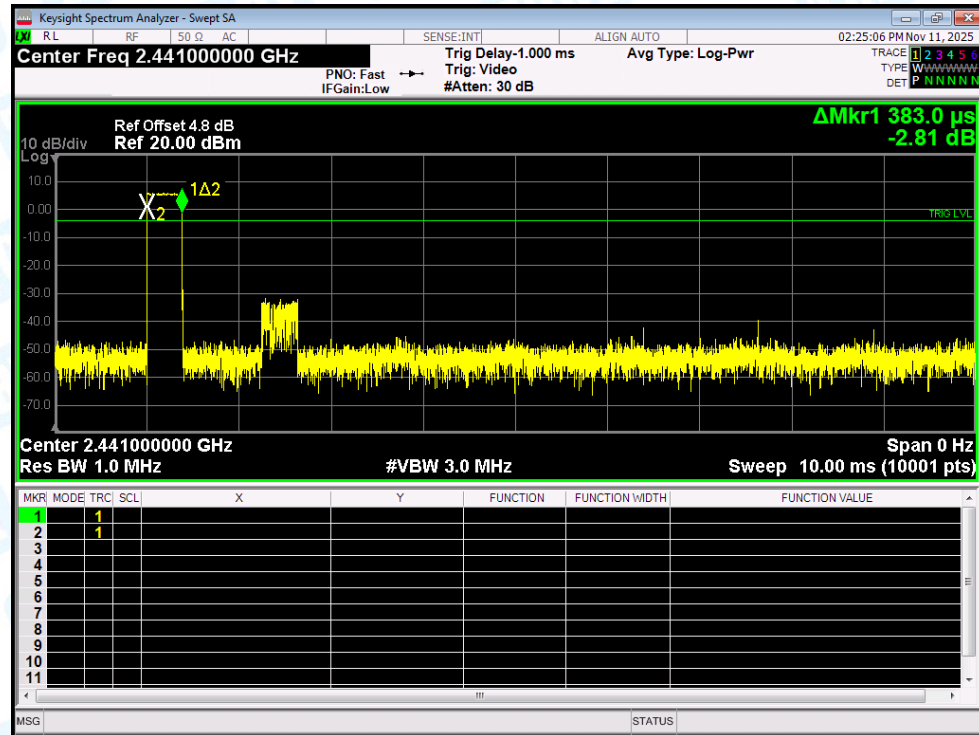
|                                        |    |
|----------------------------------------|----|
| 1.Dwell Time .....                     | 3  |
| 2.Duty Cycle.....                      | 9  |
| 3.Maximum Conducted Output Power ..... | 15 |
| 4.-20dB Bandwidth .....                | 21 |
| 5.Occupied Channel Bandwidth .....     | 27 |
| 6.Band Edge .....                      | 33 |
| 7.Band Edge(Hopping).....              | 40 |
| 8.Conducted RF Spurious Emission ..... | 47 |
| 9.Restrict Band .....                  | 57 |
| 10.Carrier Frequencies Separation..... | 64 |
| 11.Number of Hopping Channel .....     | 67 |

## 1.Dwell Time

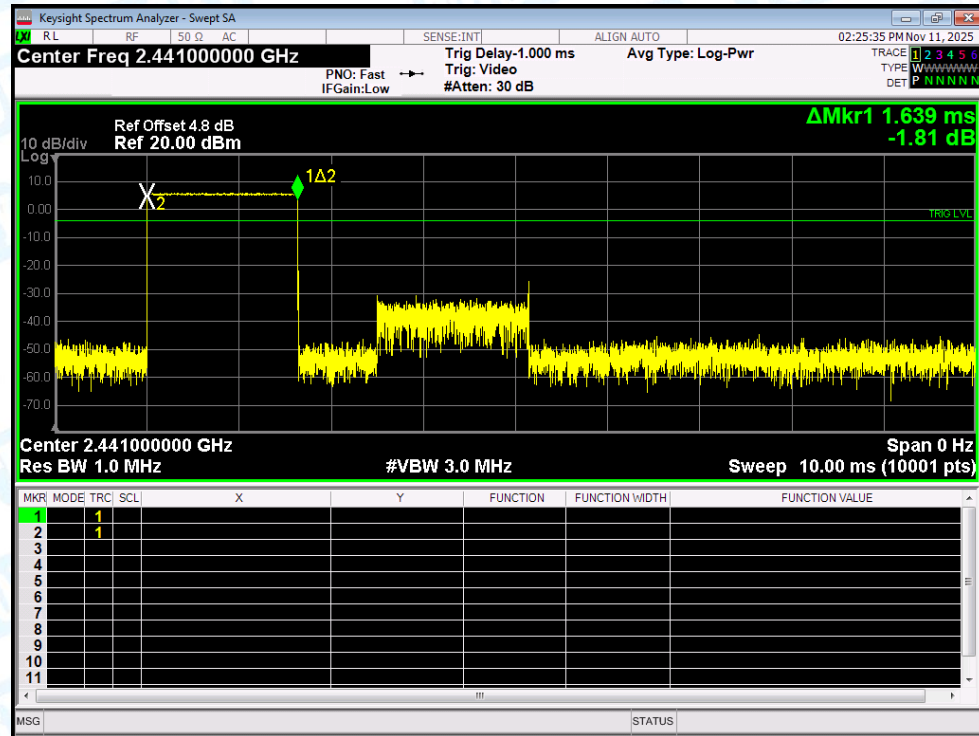
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.383           | 122.56                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.639           | 262.24                | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.887           | 307.947               | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.393           | 125.76                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.645           | 263.2                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.892           | 308.48                | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.393           | 125.76                | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.643           | 262.88                | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.894           | 308.693               | 31600            | 400        | Pass    |

### Test Graphs

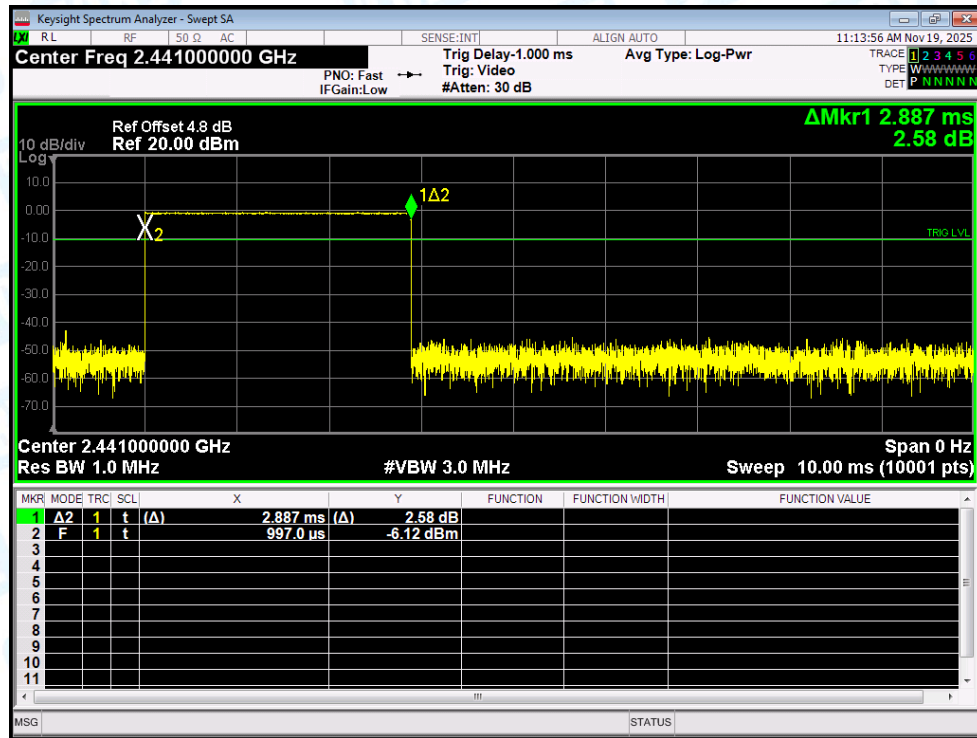
#### Dwell NVNT 1-DH1 2441MHz Ant1



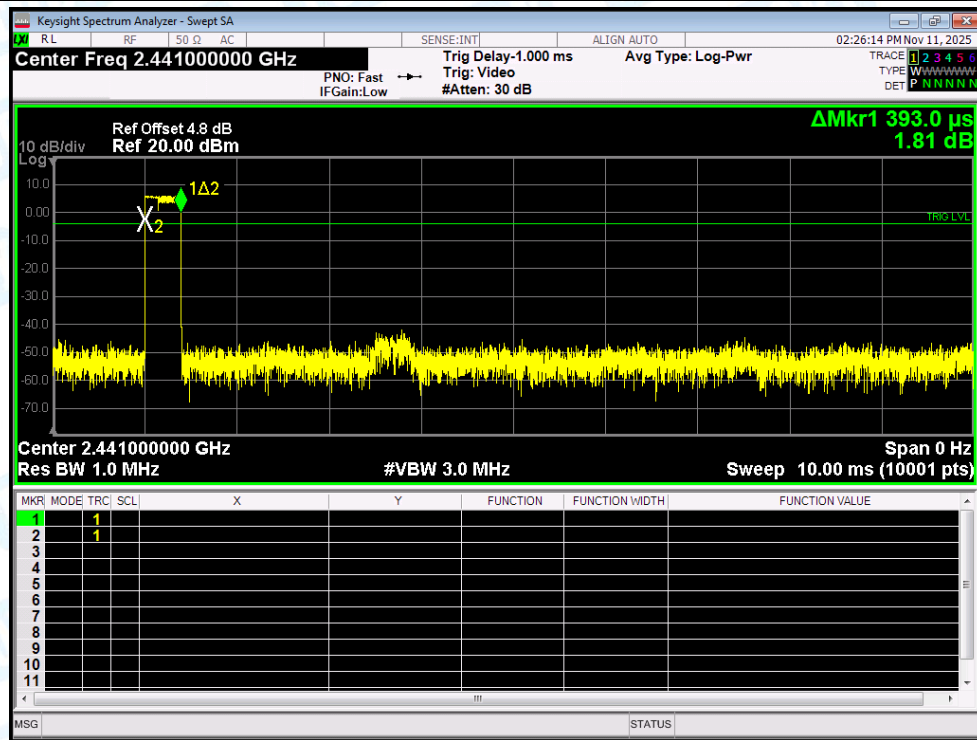
#### Dwell NVNT 1-DH3 2441MHz Ant1



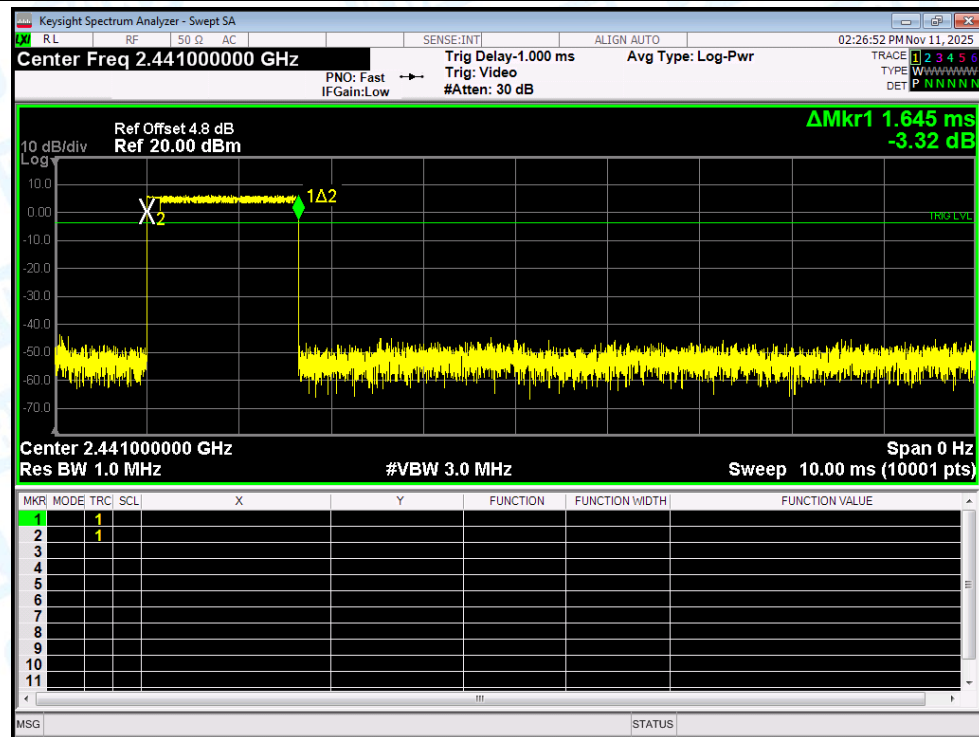
Dwell NVNT 1-DH5 2441MHz Ant1



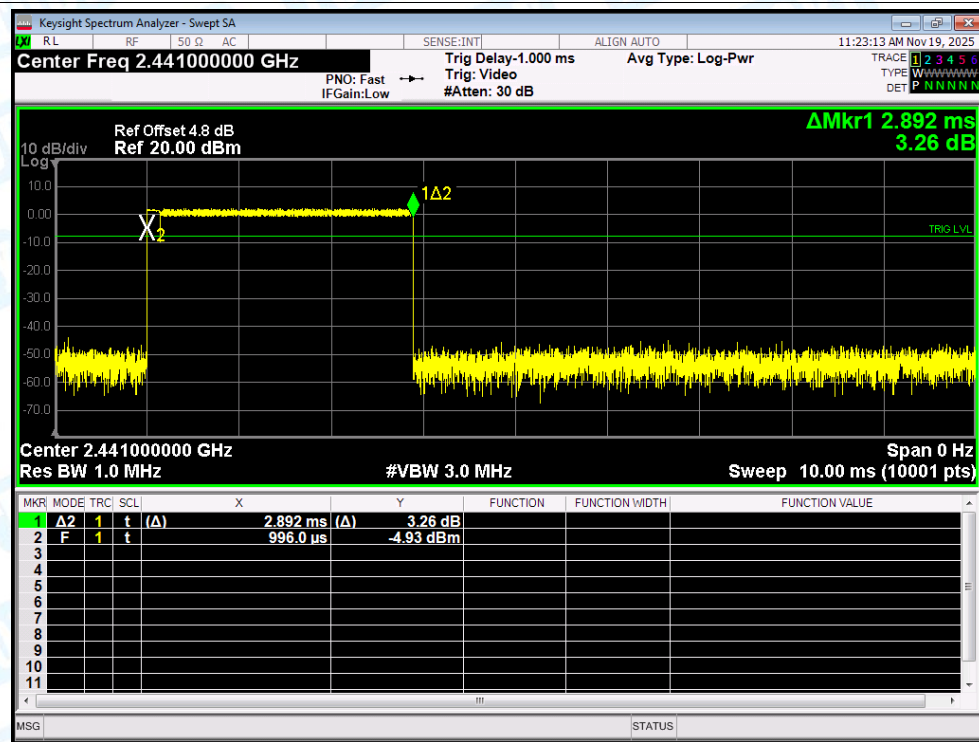
Dwell NVNT 2-DH1 2441MHz Ant1

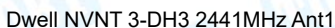


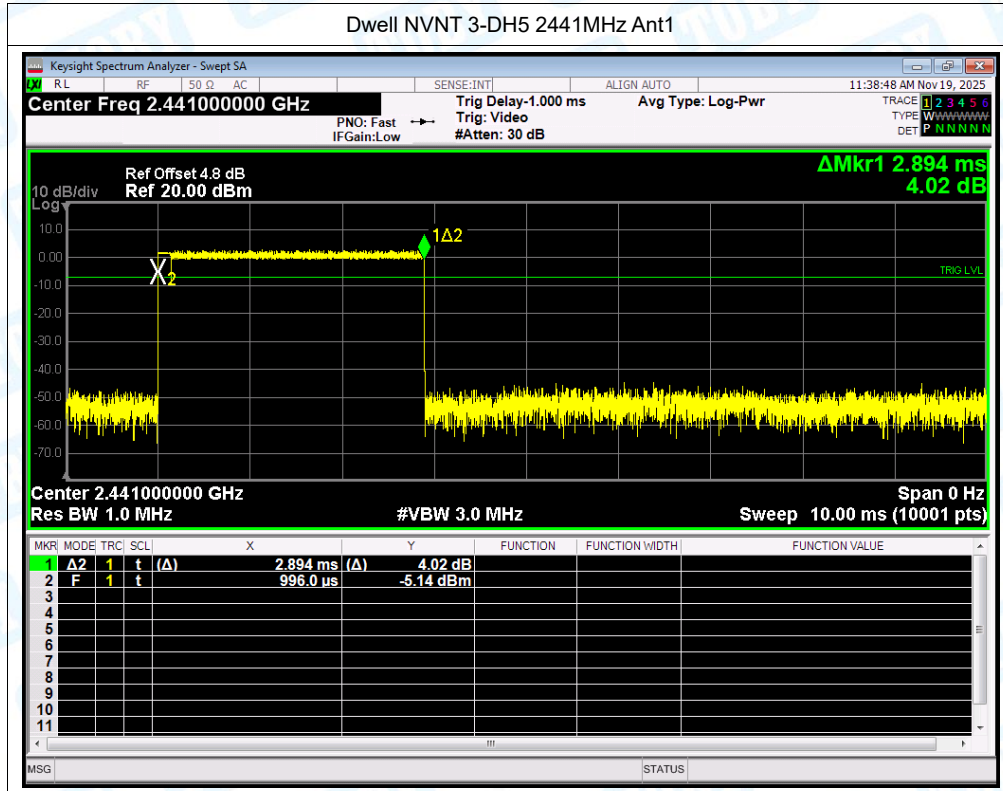
Dwell NVNT 2-DH3 2441MHz Ant1



Dwell NVNT 2-DH5 2441MHz Ant1





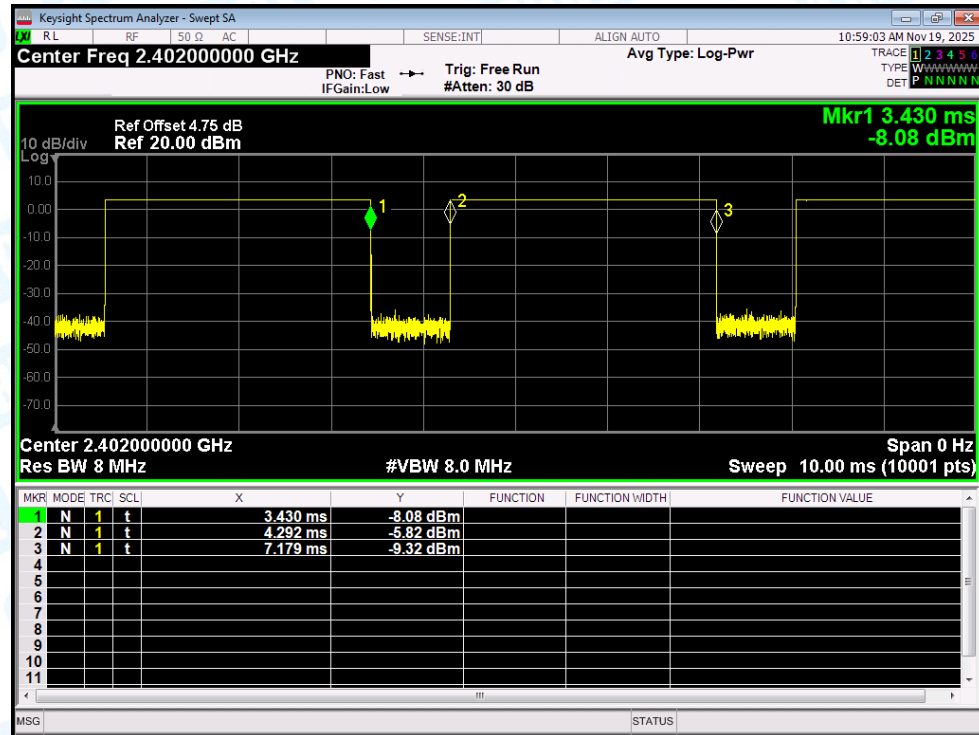


## 2.Duty Cycle

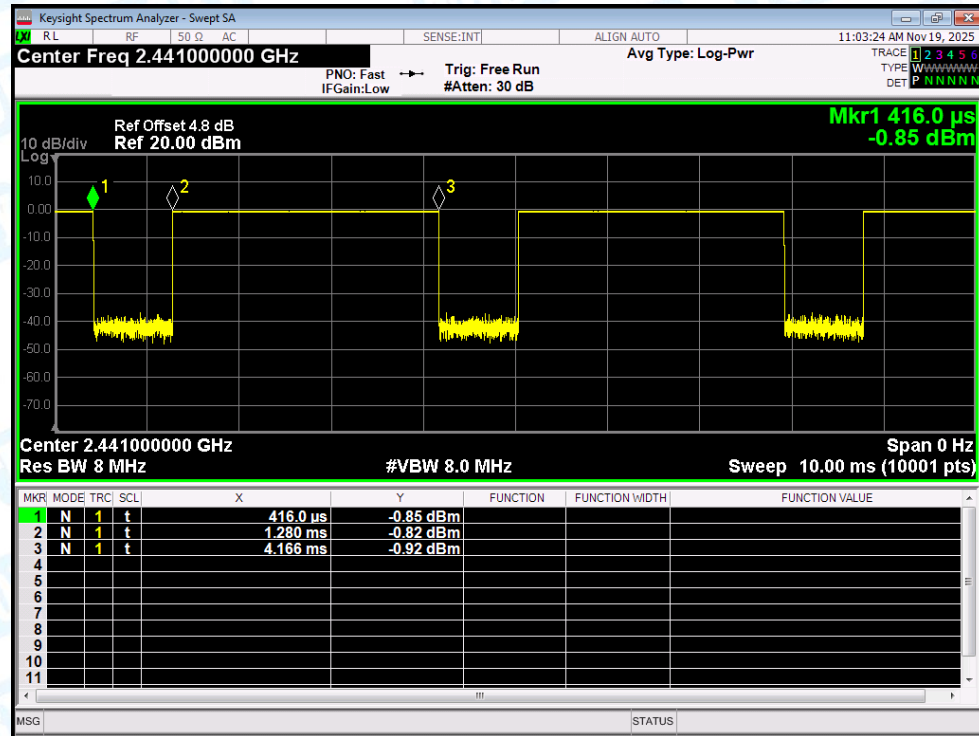
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 77.01          | 1.13                   | 0.35      |
| NVNT      | 1-DH5 | 2441            | Ant1    | 76.96          | 1.14                   | 0.35      |
| NVNT      | 1-DH5 | 2480            | Ant1    | 76.99          | 1.14                   | 0.35      |
| NVNT      | 2-DH5 | 2402            | Ant1    | 77.12          | 1.13                   | 0.35      |
| NVNT      | 2-DH5 | 2441            | Ant1    | 77.12          | 1.13                   | 0.35      |
| NVNT      | 2-DH5 | 2480            | Ant1    | 77.12          | 1.13                   | 0.35      |
| NVNT      | 3-DH5 | 2402            | Ant1    | 77.17          | 1.13                   | 0.35      |
| NVNT      | 3-DH5 | 2441            | Ant1    | 77.17          | 1.13                   | 0.35      |
| NVNT      | 3-DH5 | 2480            | Ant1    | 77.17          | 1.13                   | 0.35      |

### Test Graphs

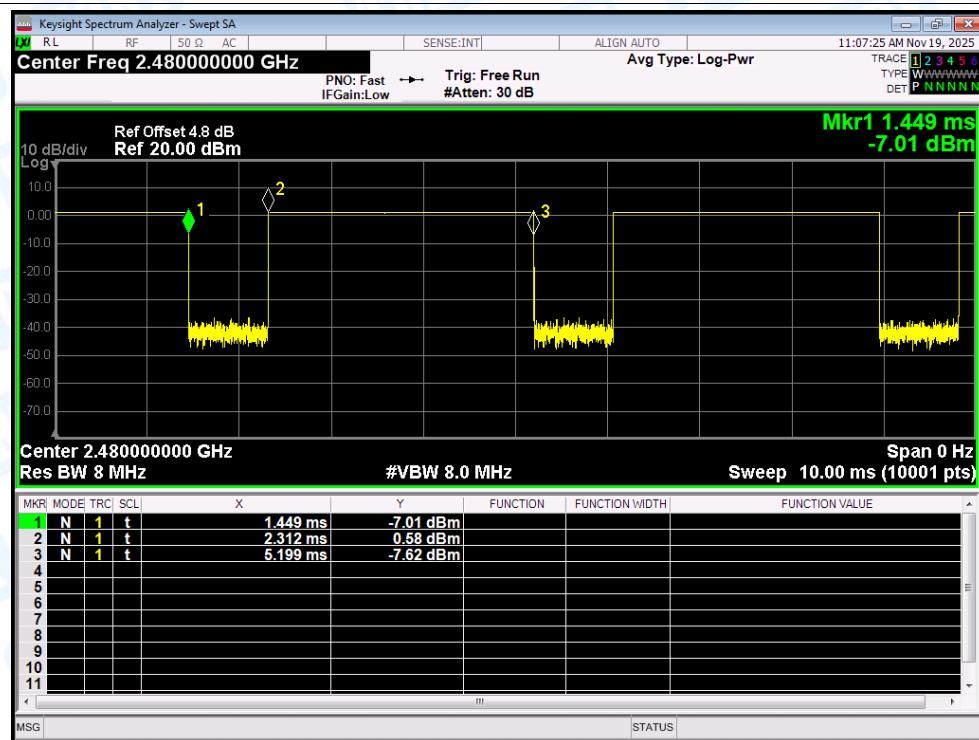
#### Duty Cycle NVNT 1-DH5 2402MHz Ant1



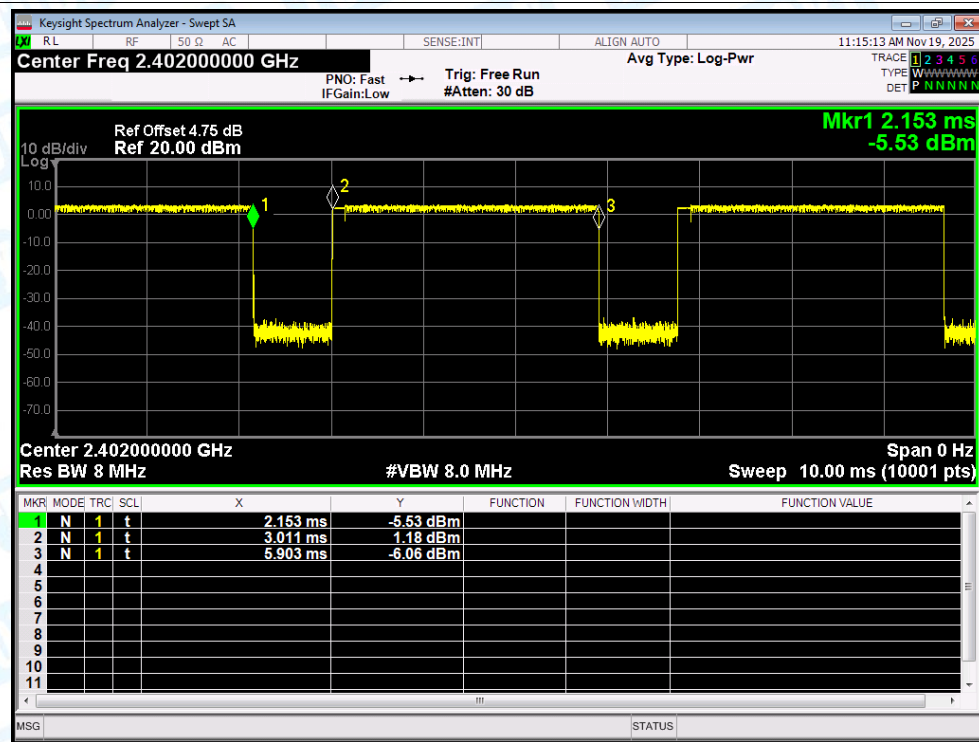
#### Duty Cycle NVNT 1-DH5 2441MHz Ant1



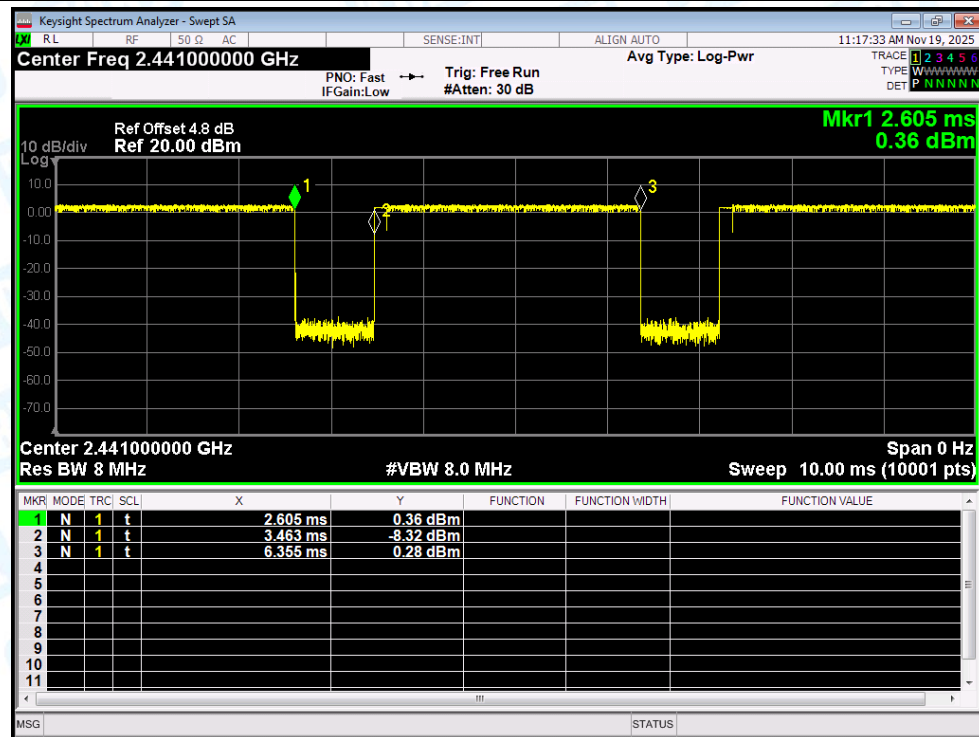
Duty Cycle NVNT 1-DH5 2480MHz Ant1



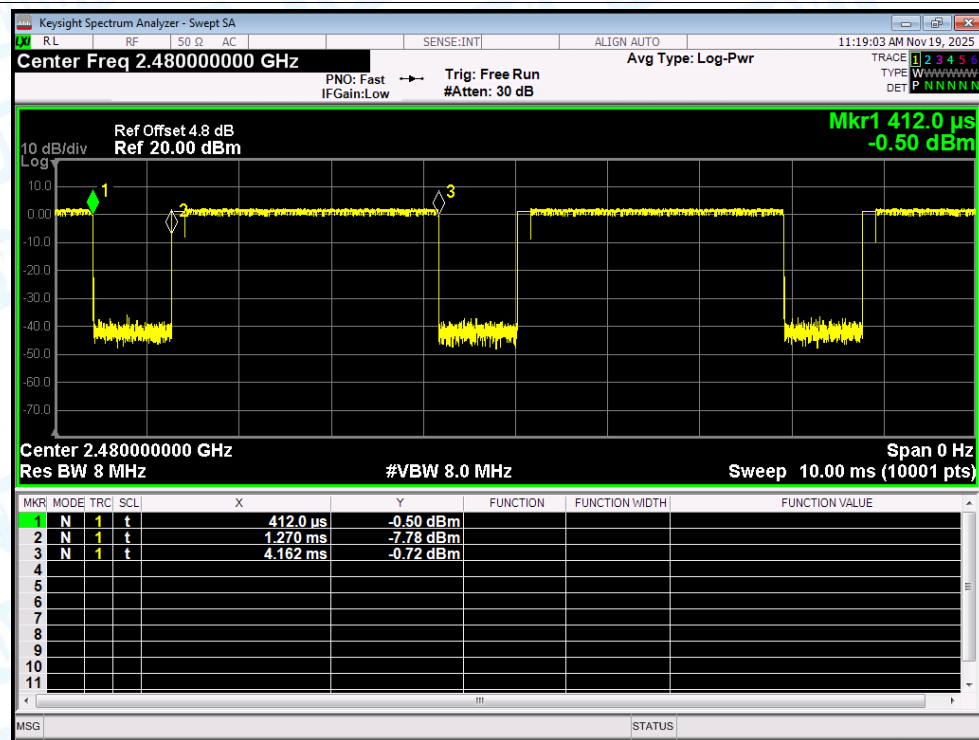
Duty Cycle NVNT 2-DH5 2402MHz Ant1



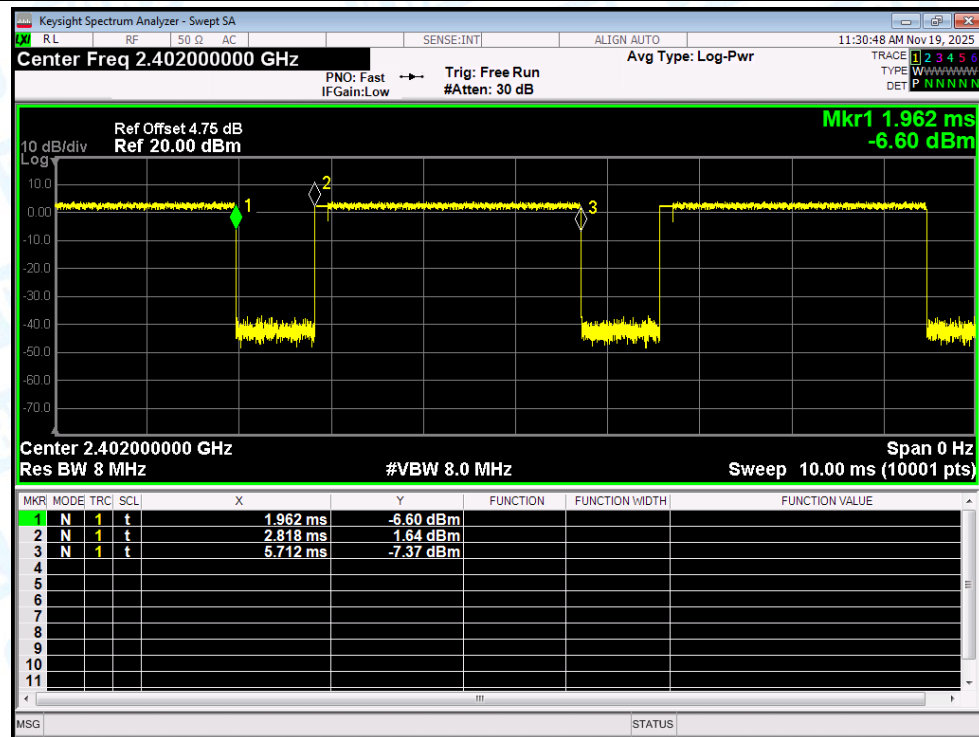
### Duty Cycle NVNT 2-DH5 2441MHz Ant1



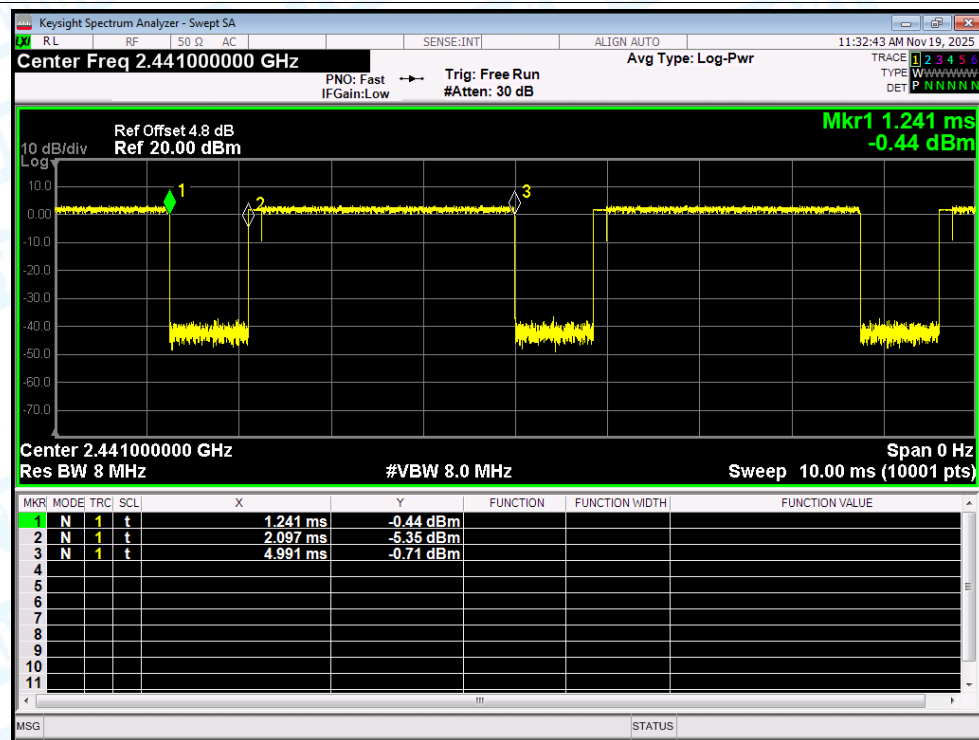
### Duty Cycle NVNT 2-DH5 2480MHz Ant1

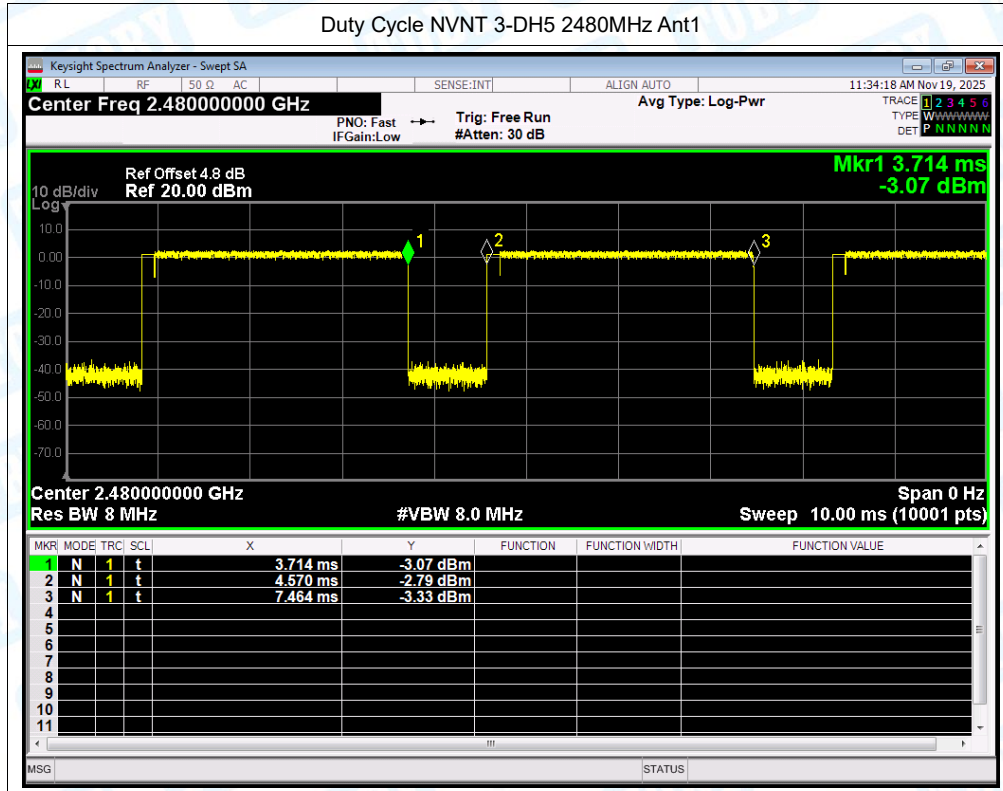


### Duty Cycle NVNT 3-DH5 2402MHz Ant1



### Duty Cycle NVNT 3-DH5 2441MHz Ant1



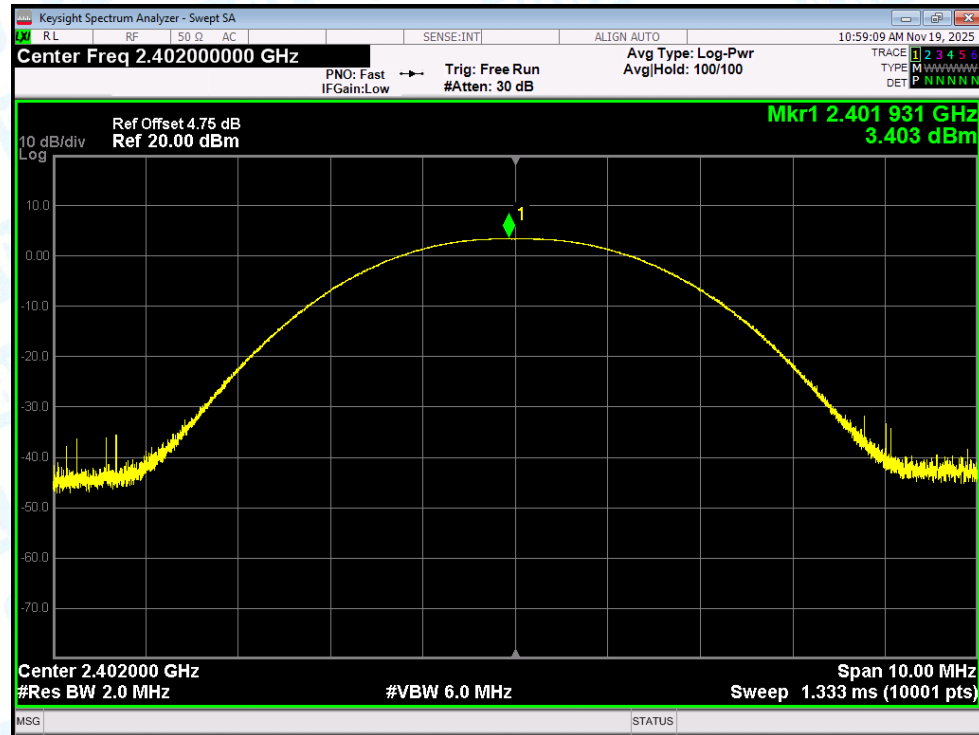


### 3.Maximum Conducted Output Power

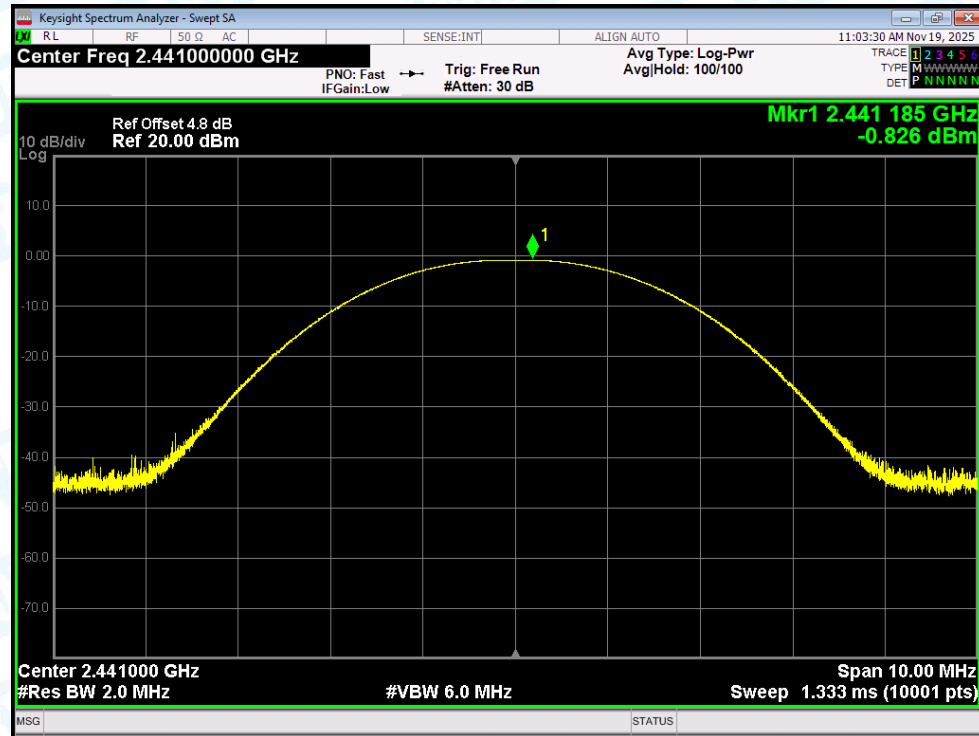
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | 3.403                    | 21             | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | -0.826                   | 21             | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | 1.048                    | 21             | Pass    |
| NVNT      | 2-DH5 | 2402               | Ant1    | 3.182                    | 21             | Pass    |
| NVNT      | 2-DH5 | 2441               | Ant1    | 2.588                    | 21             | Pass    |
| NVNT      | 2-DH5 | 2480               | Ant1    | 1.889                    | 21             | Pass    |
| NVNT      | 3-DH5 | 2402               | Ant1    | 3.536                    | 21             | Pass    |
| NVNT      | 3-DH5 | 2441               | Ant1    | 2.939                    | 21             | Pass    |
| NVNT      | 3-DH5 | 2480               | Ant1    | 2.323                    | 21             | Pass    |

### Test Graphs

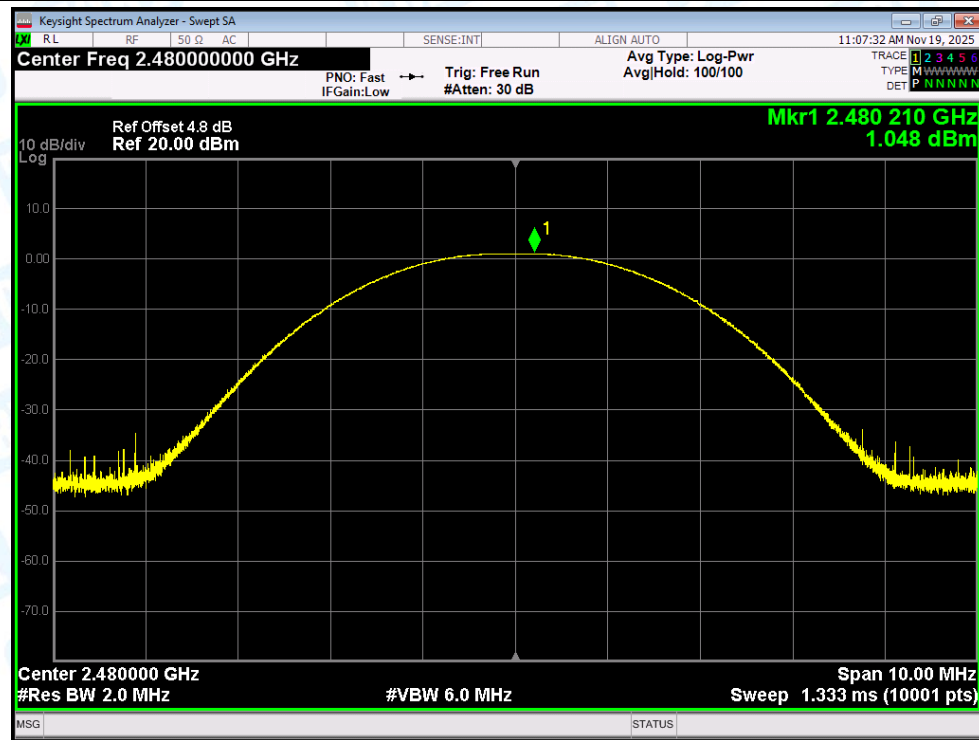
Power NVNT 1-DH5 2402MHz Ant1



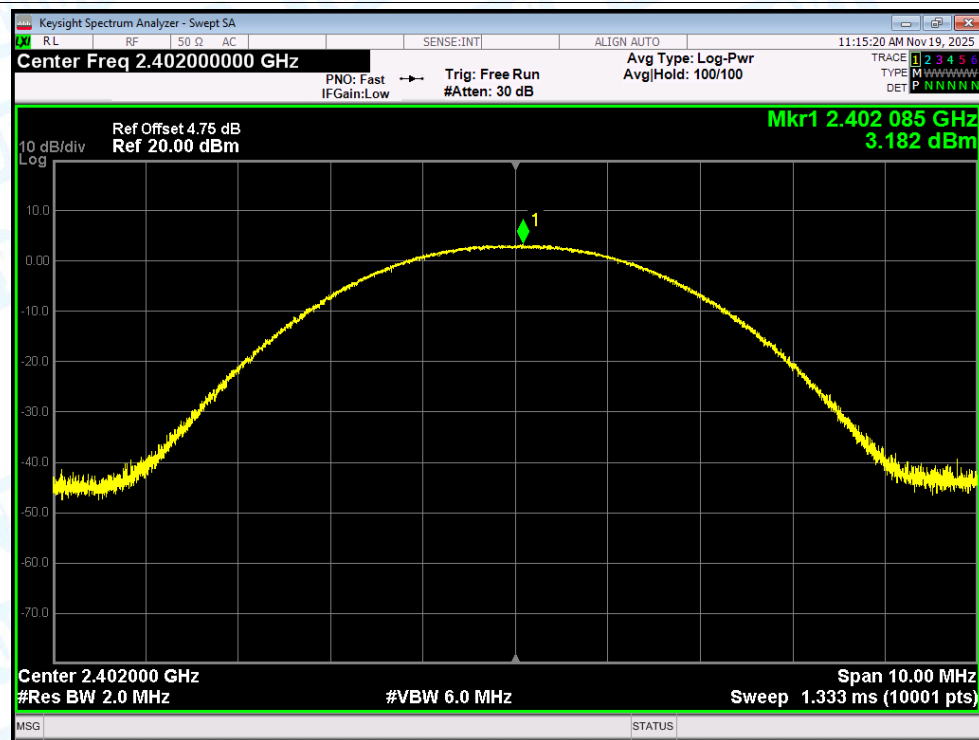
Power NVNT 1-DH5 2441MHz Ant1



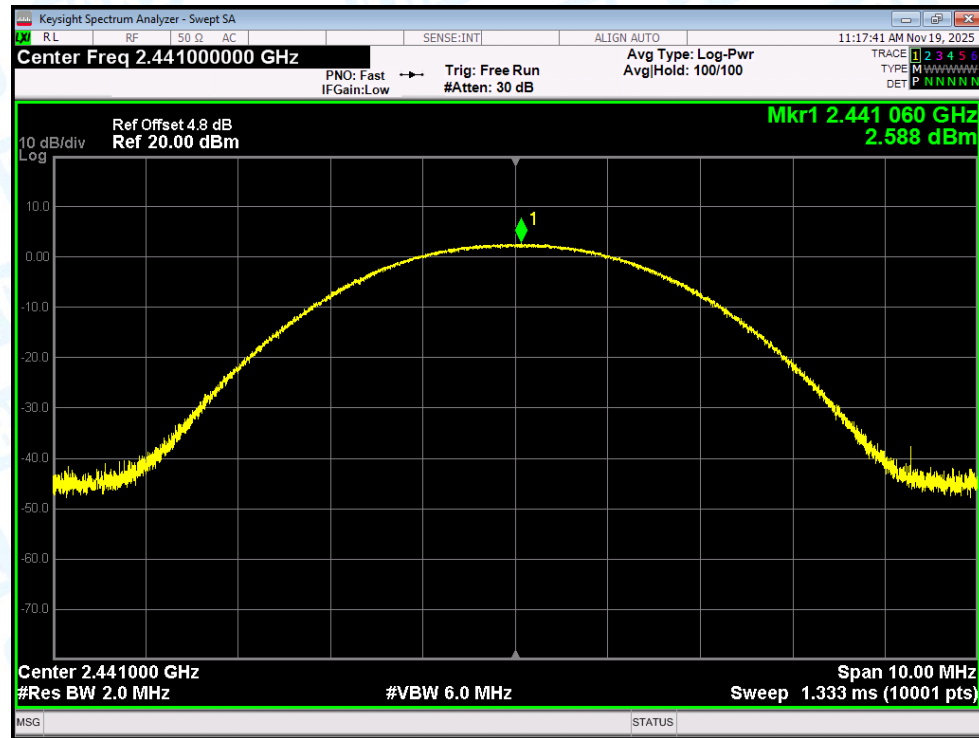
Power NVNT 1-DH5 2480MHz Ant1



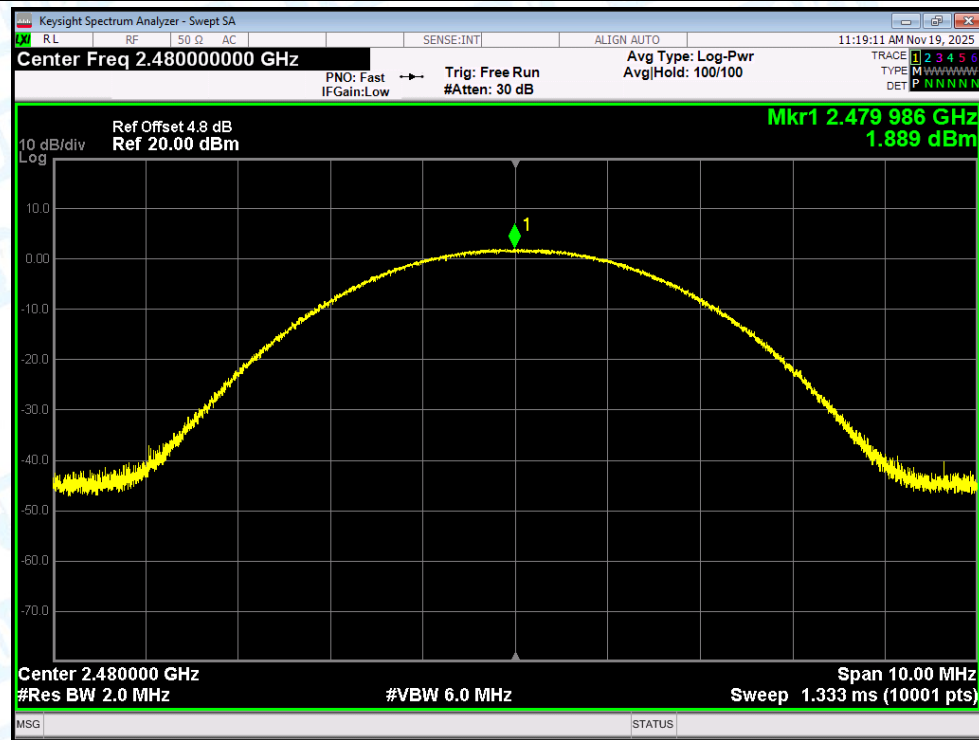
Power NVNT 2-DH5 2402MHz Ant1



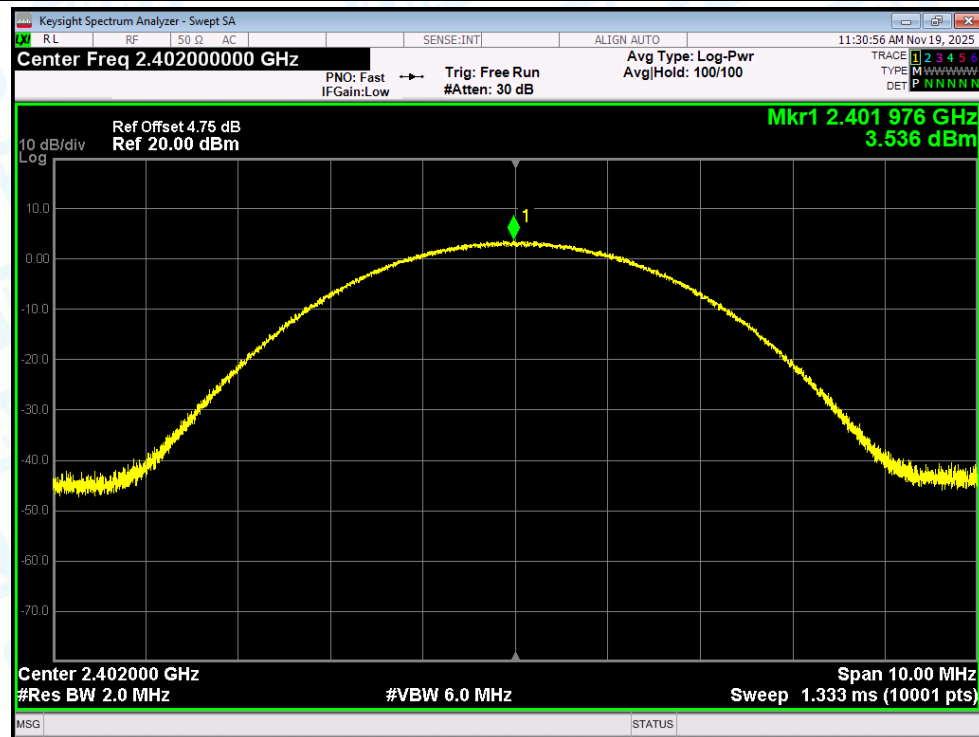
Power NVNT 2-DH5 2441MHz Ant1



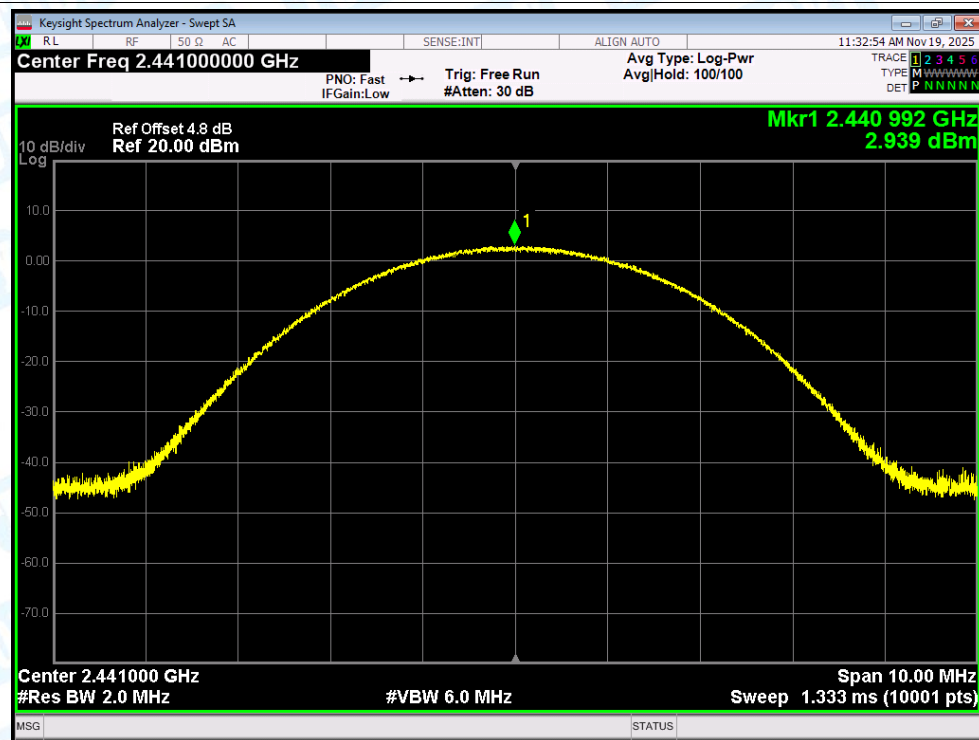
Power NVNT 2-DH5 2480MHz Ant1

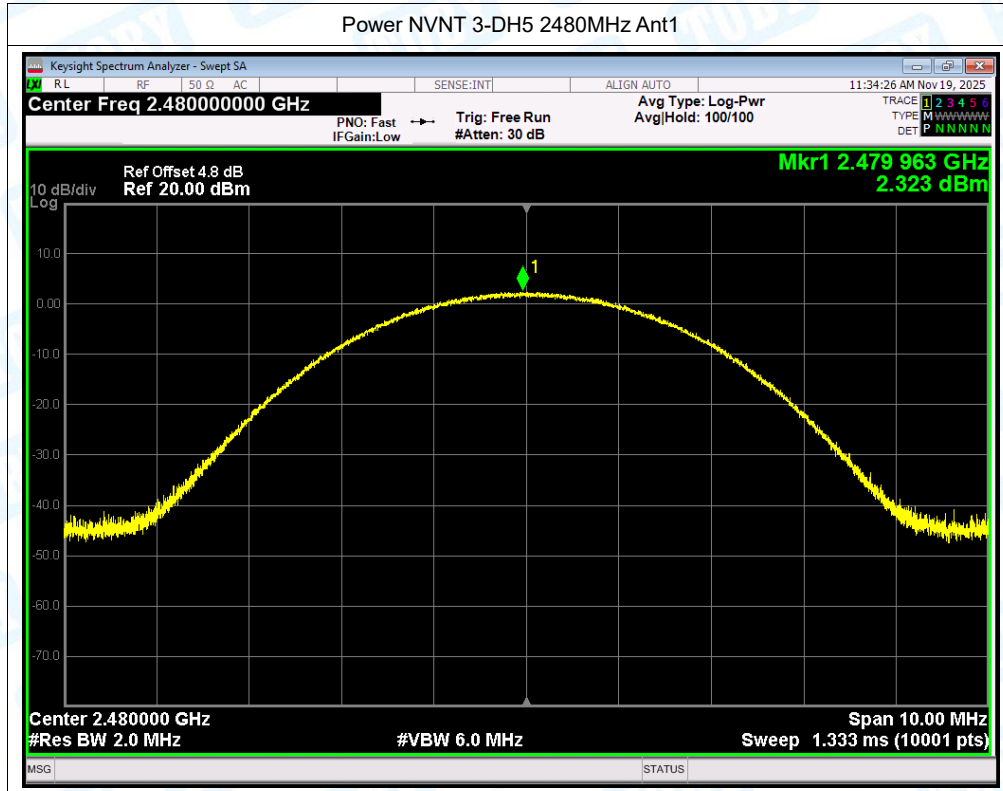


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



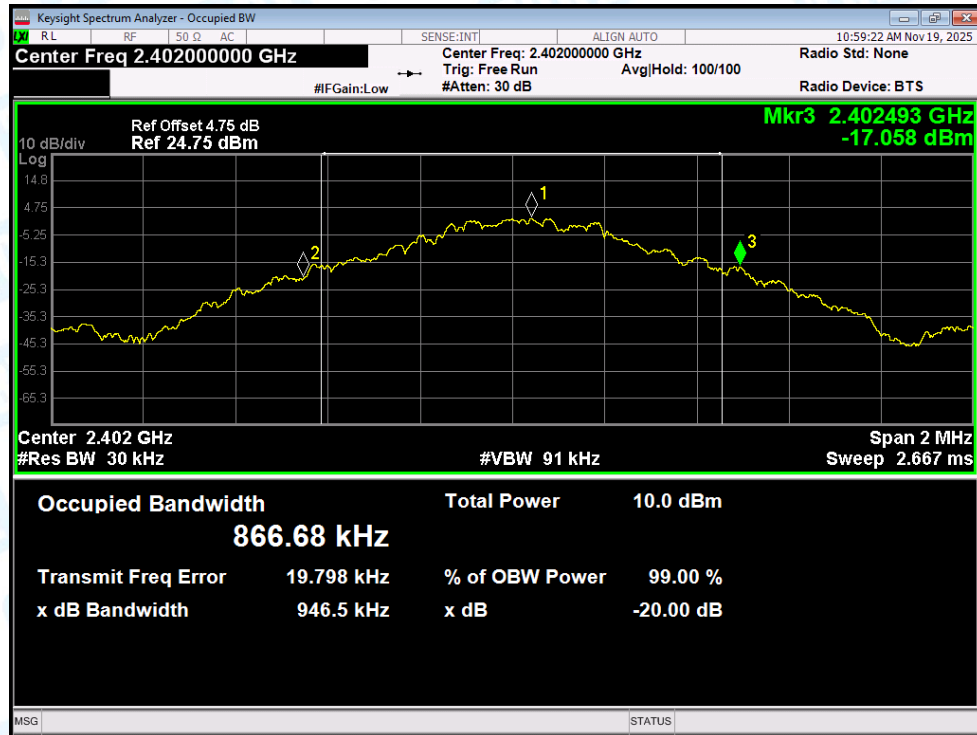


## 4.-20dB Bandwidth

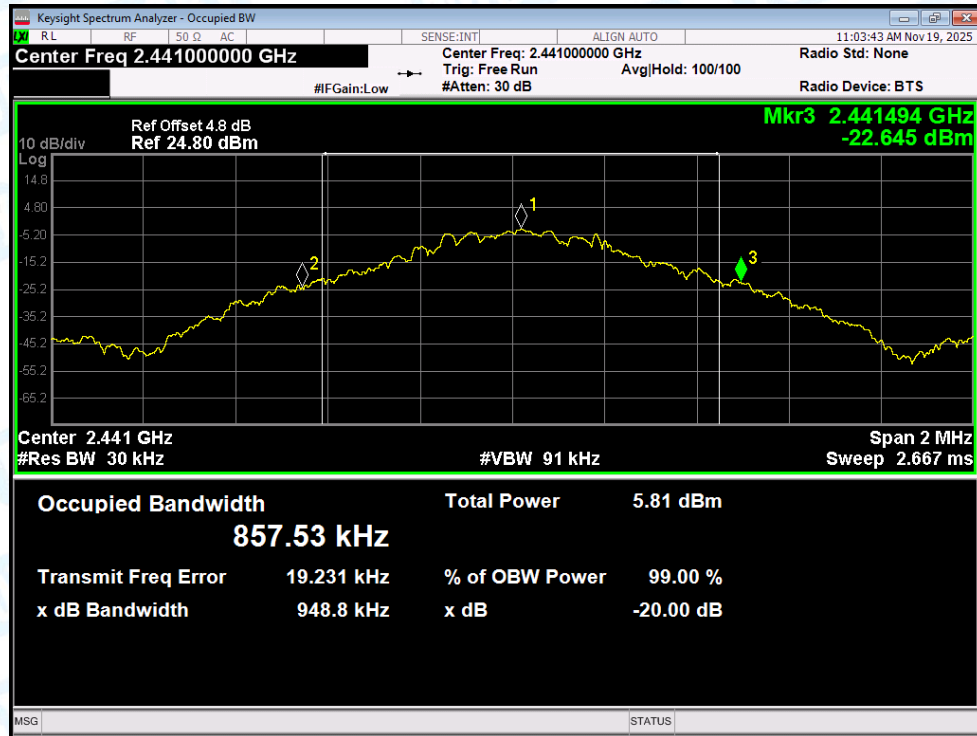
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.95                   | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.95                   | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.97                   | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.29                   | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.28                   | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.28                   | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.29                   | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.3                    | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.27                   | Pass    |

## Test Graphs

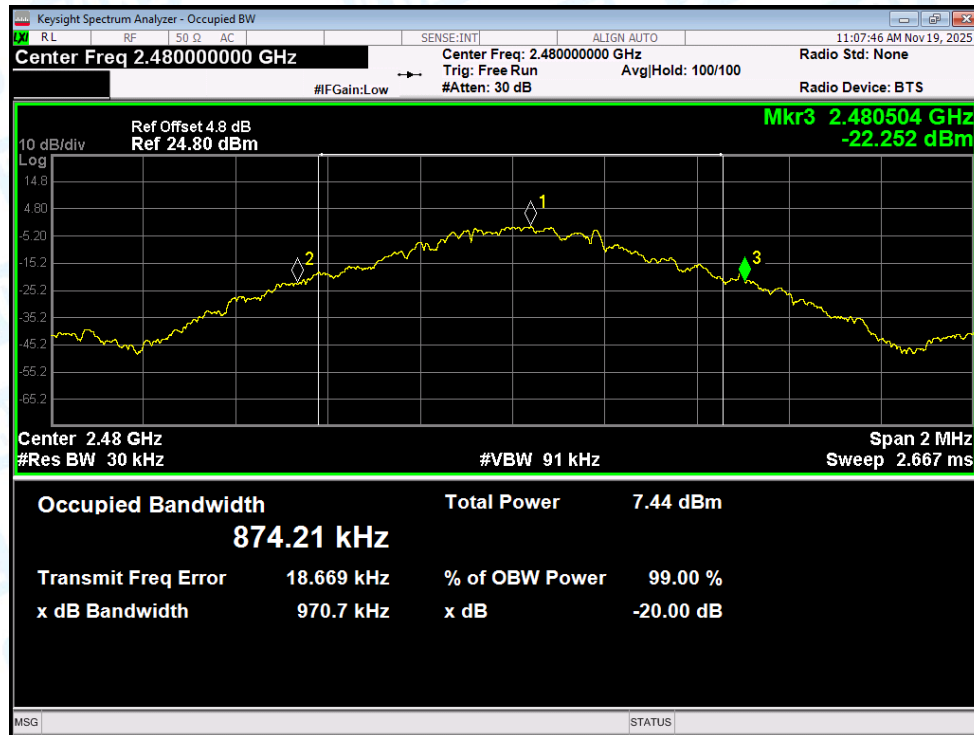
### -20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



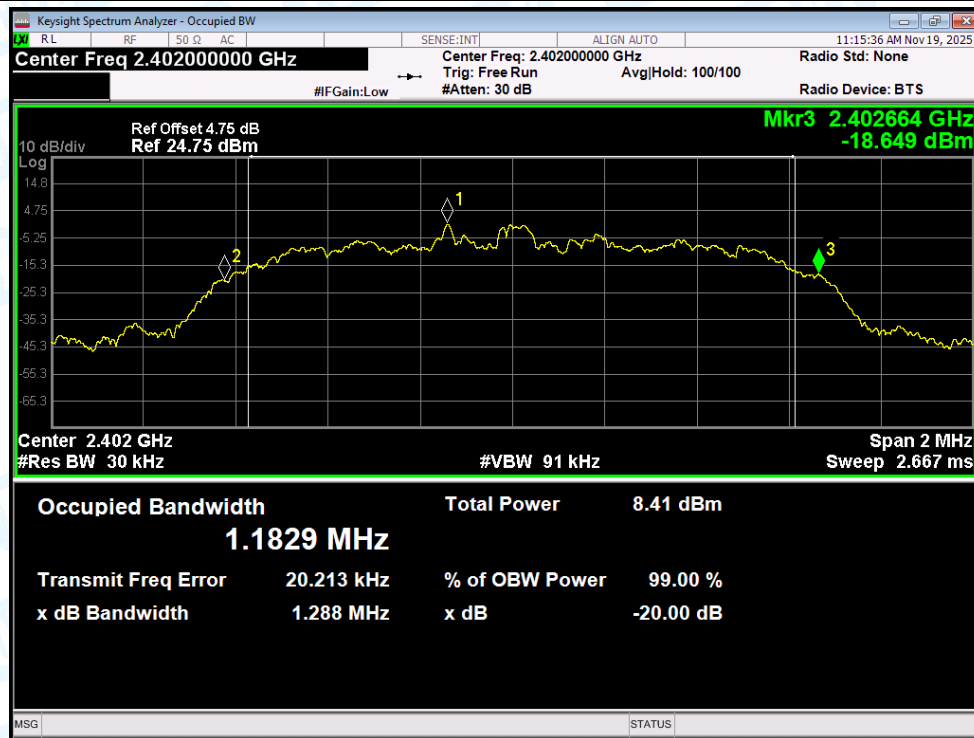
### -20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



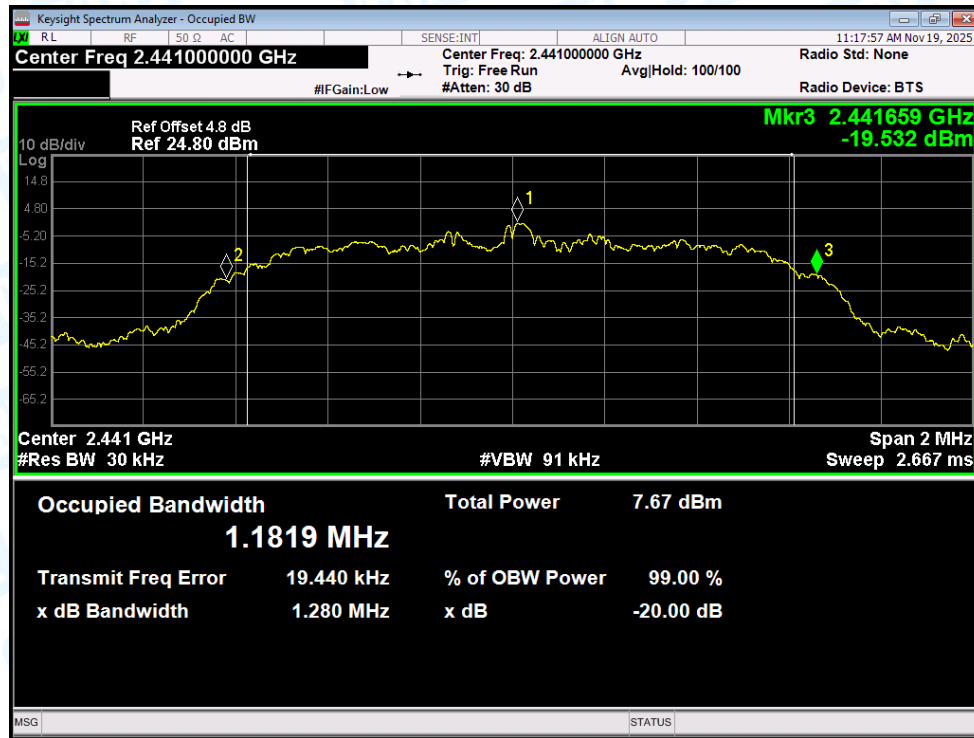
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



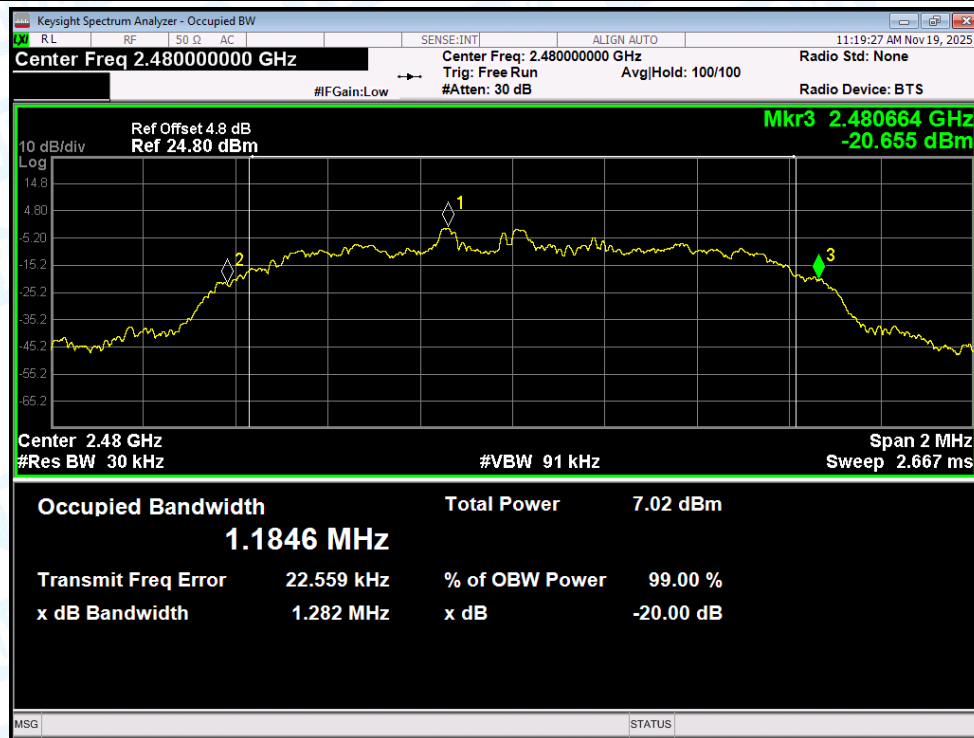
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



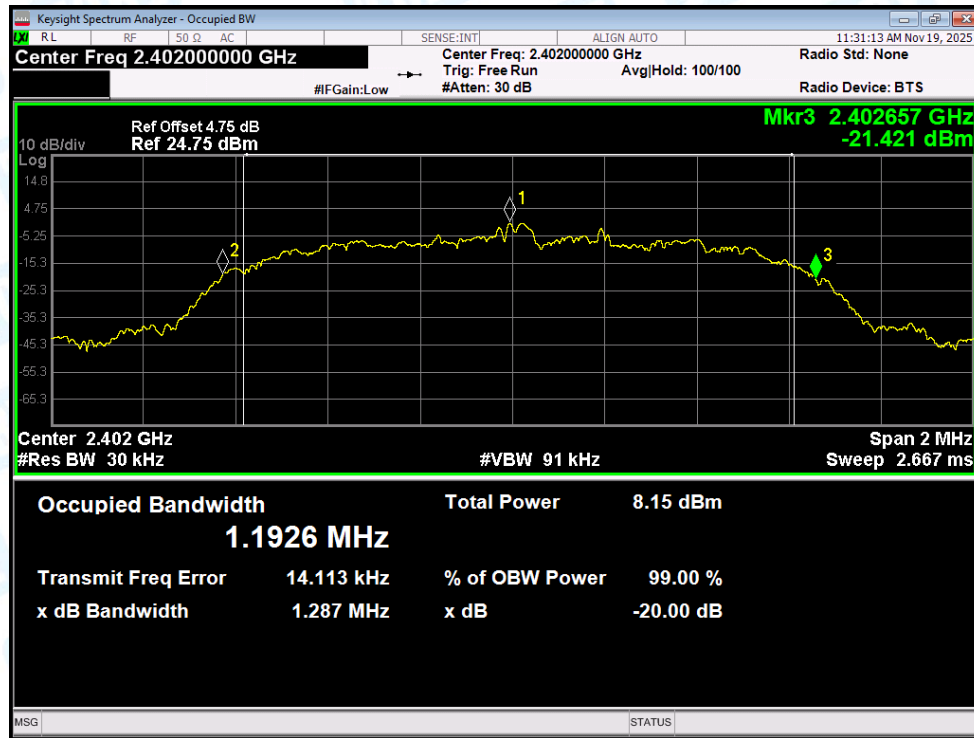
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



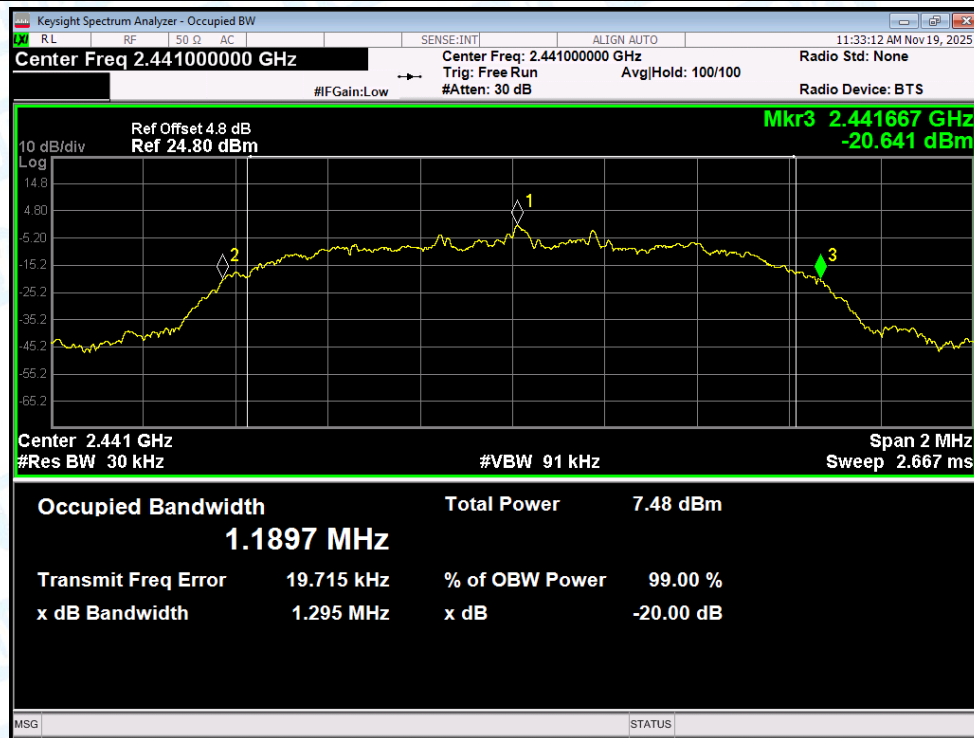
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

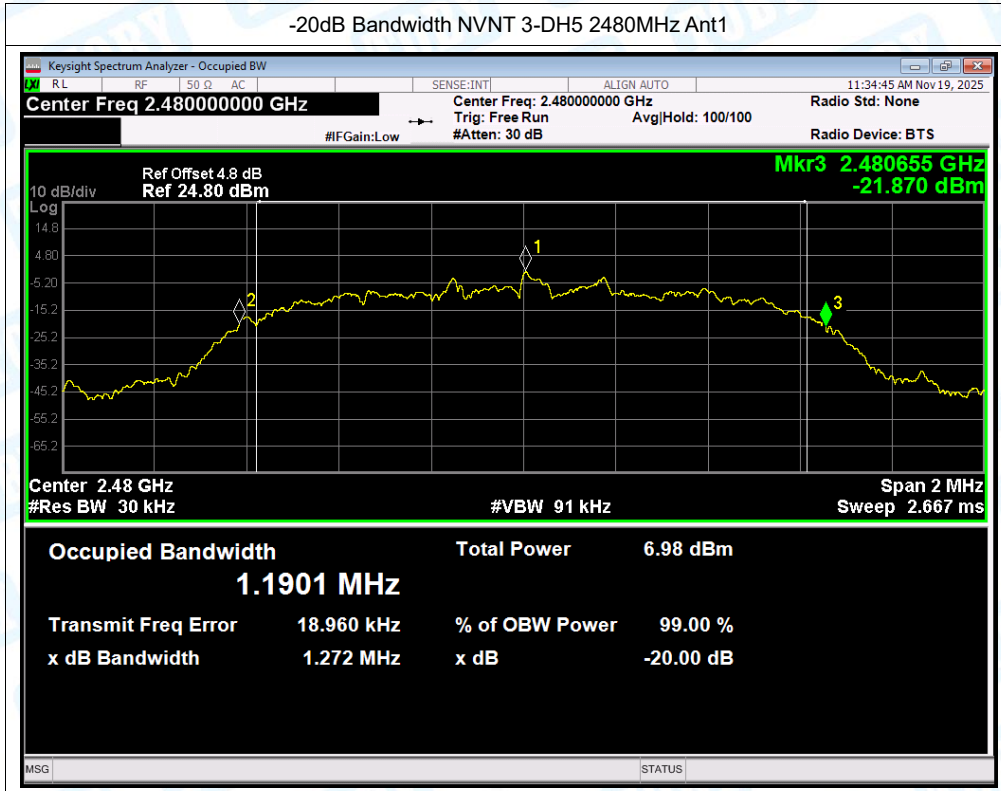


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



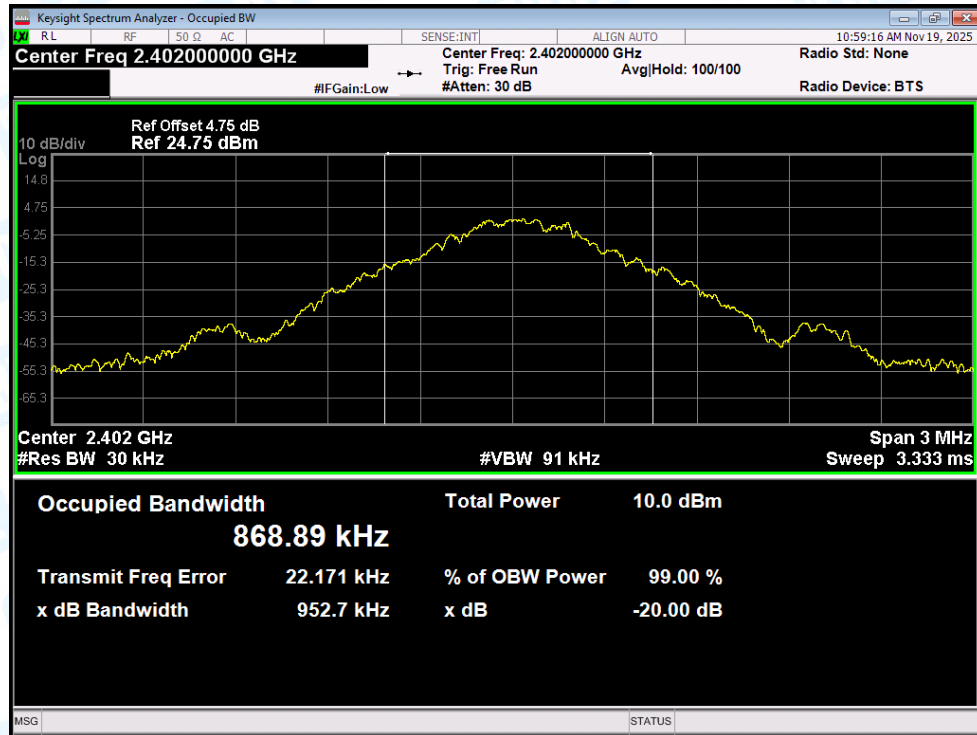


## 5.Occupied Channel Bandwidth

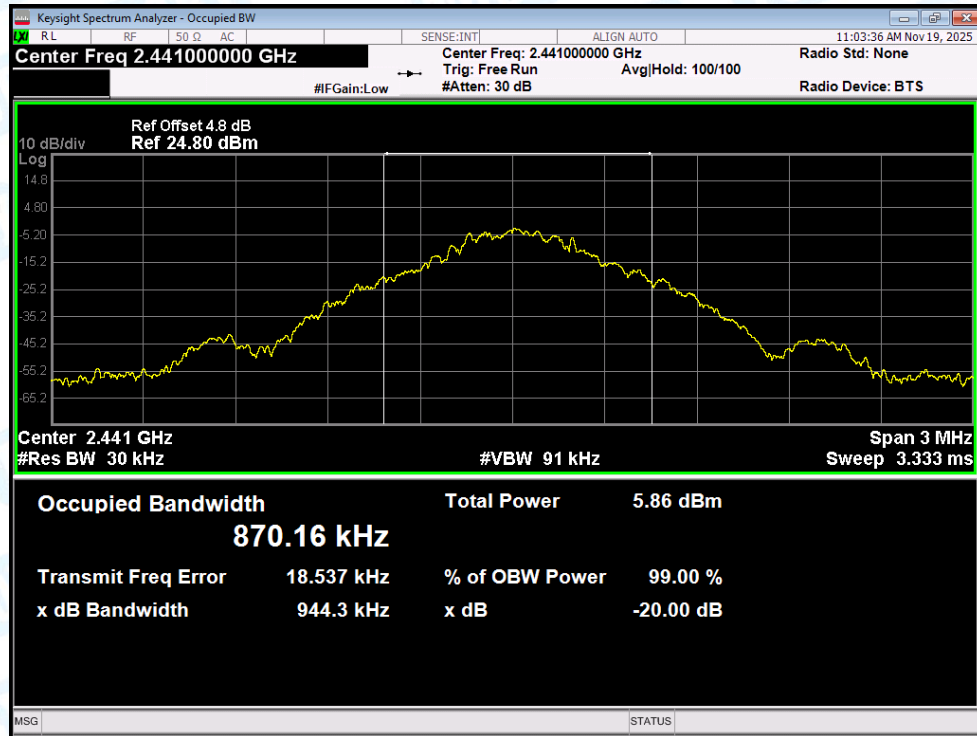
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.869         |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.87          |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.876         |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.184         |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.203         |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.204         |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.19          |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.188         |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.21          |

### Test Graphs

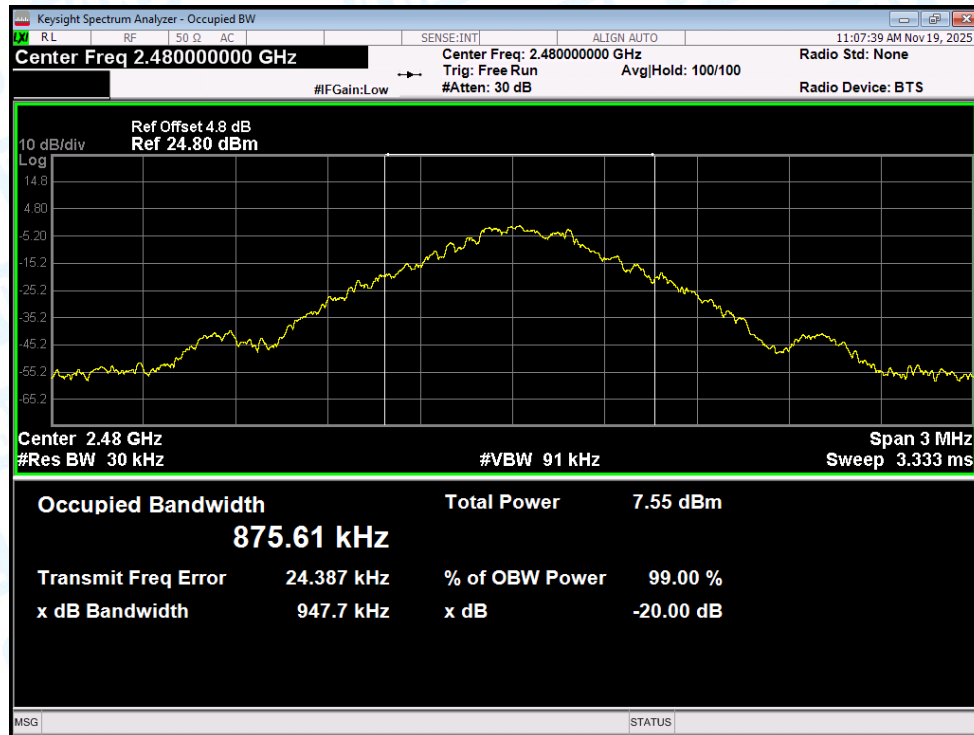
#### OBW NVNT 1-DH5 2402MHz Ant1



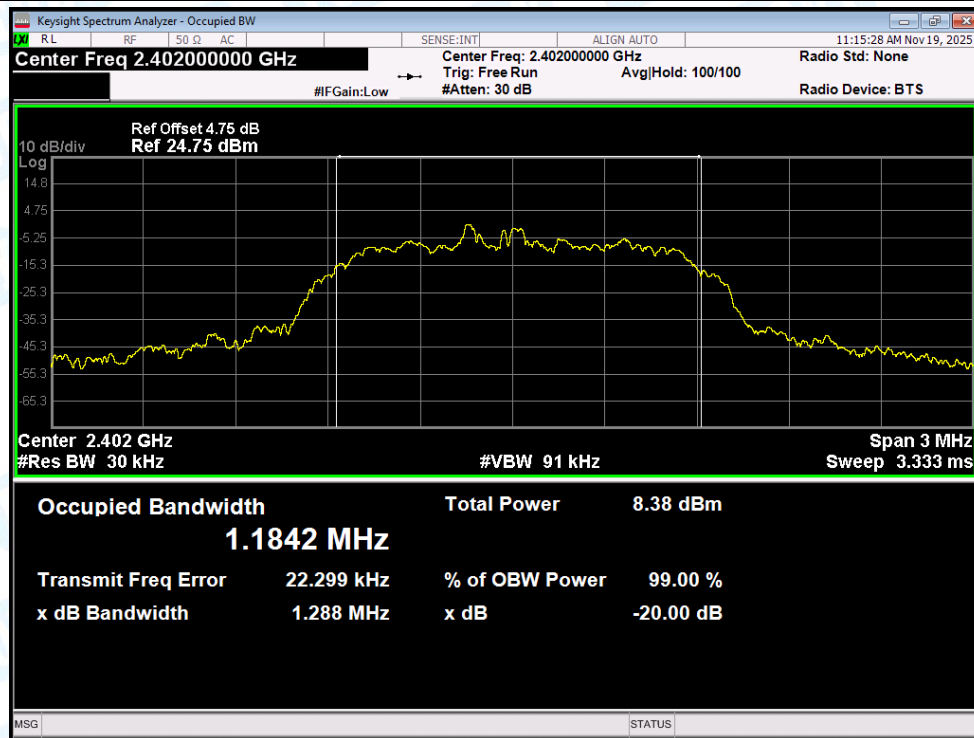
#### OBW NVNT 1-DH5 2441MHz Ant1



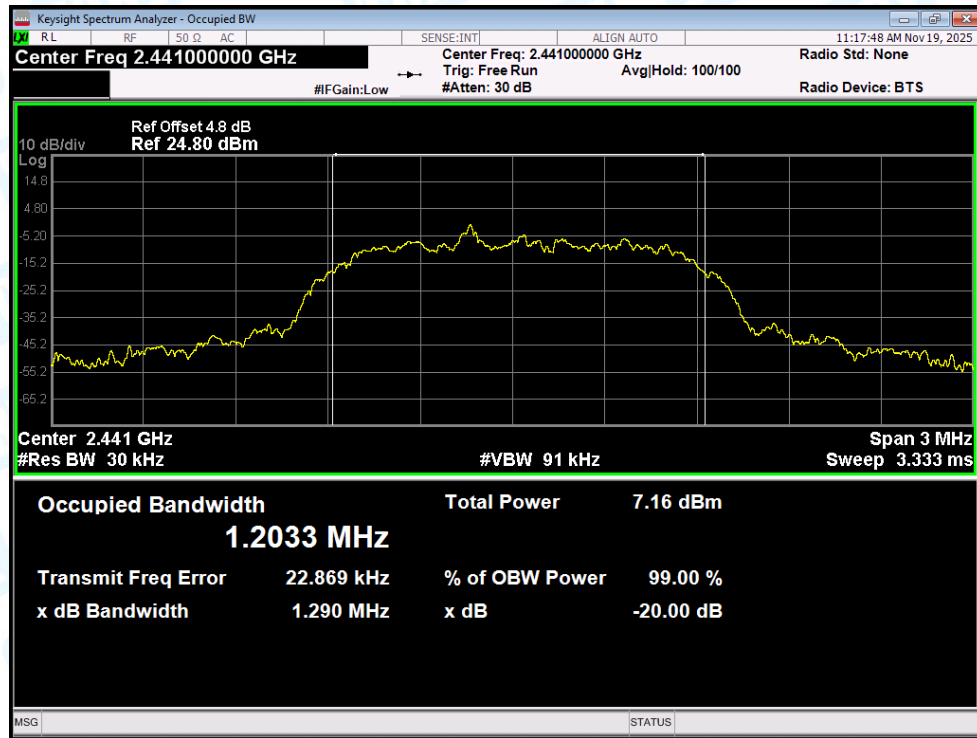
OBW NVNT 1-DH5 2480MHz Ant1



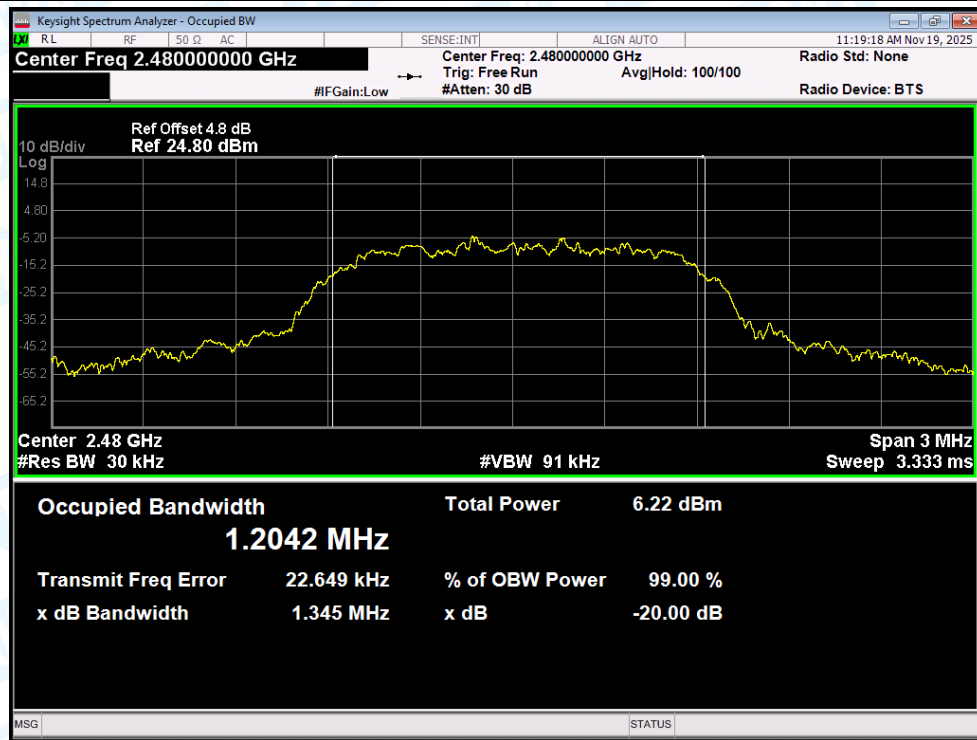
OBW NVNT 2-DH5 2402MHz Ant1



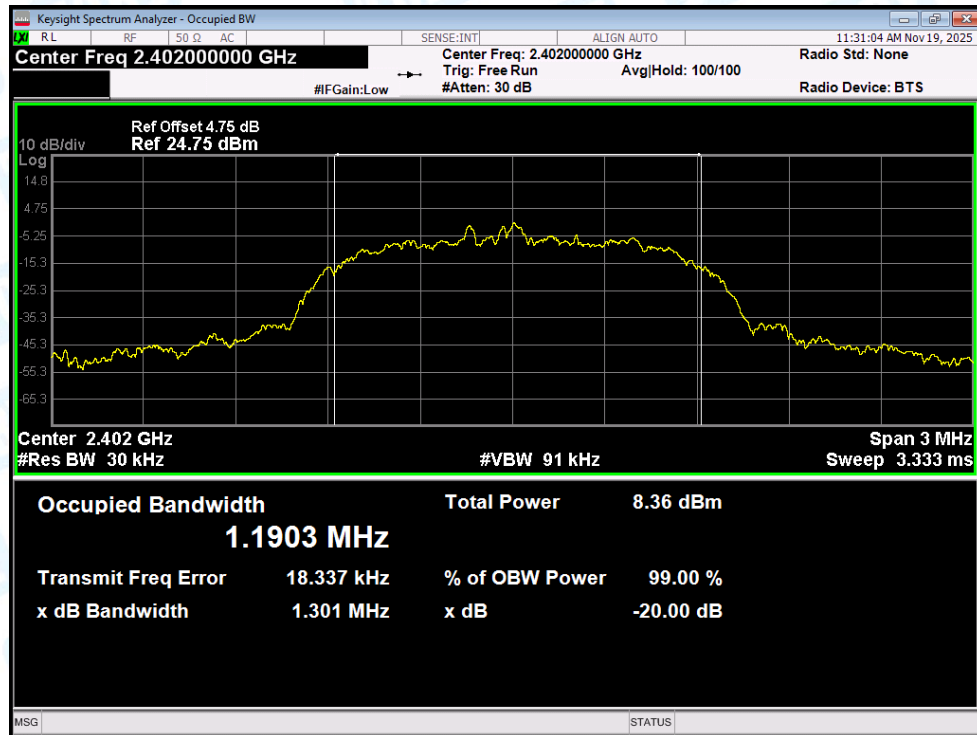
OBW NVNT 2-DH5 2441MHz Ant1



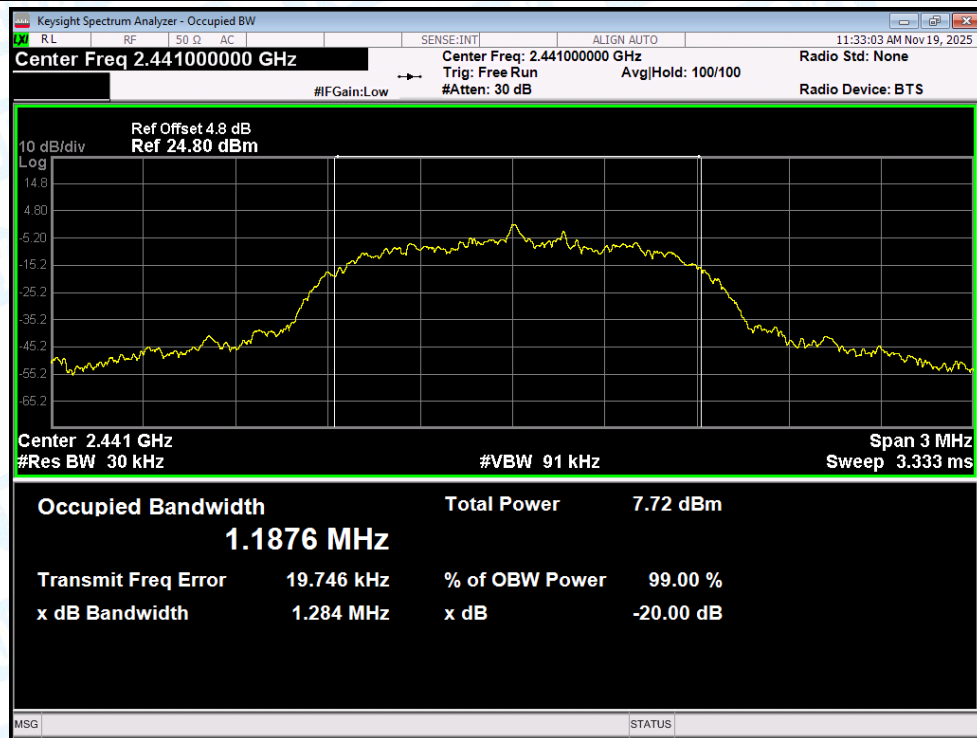
OBW NVNT 2-DH5 2480MHz Ant1

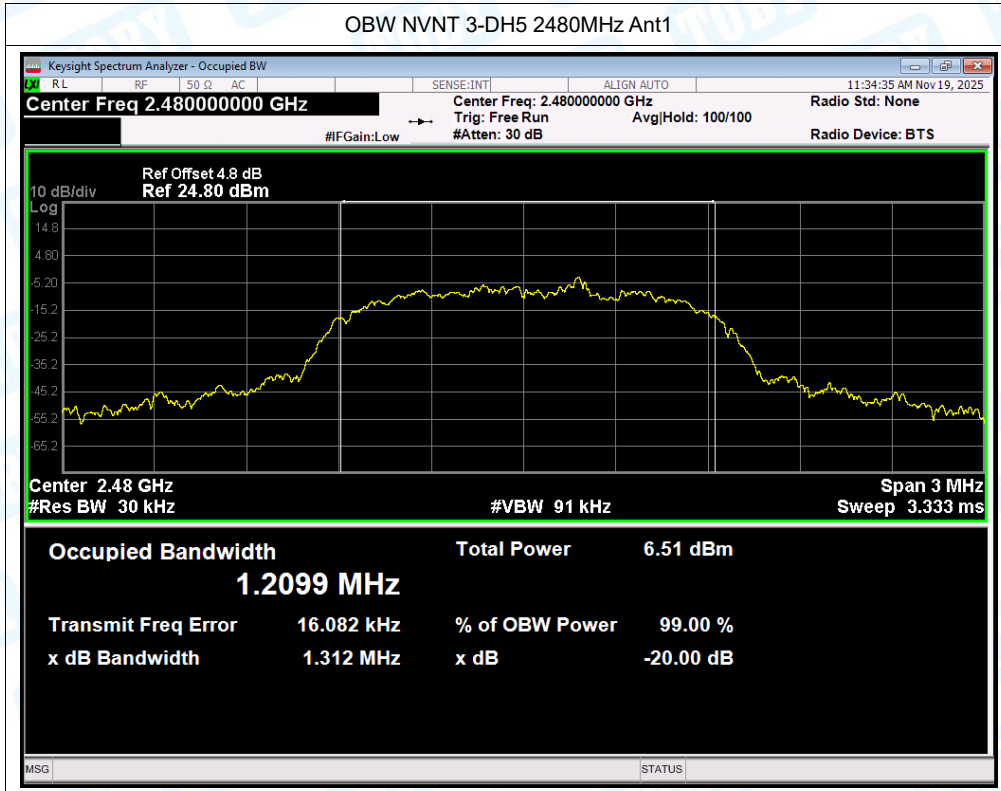


OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



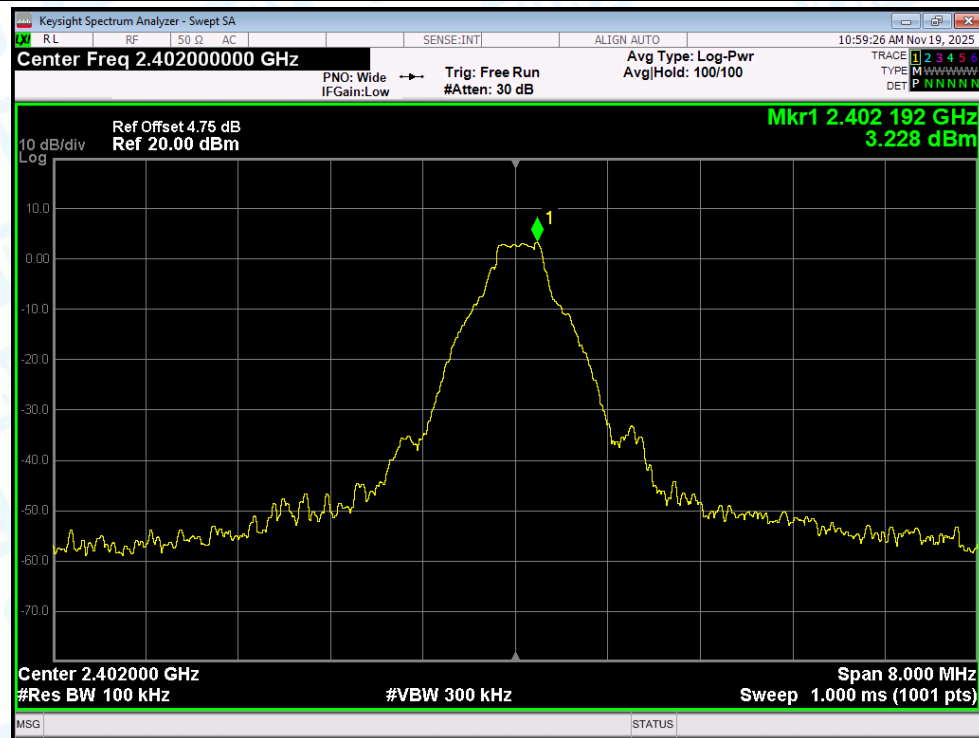


## 6.Band Edge

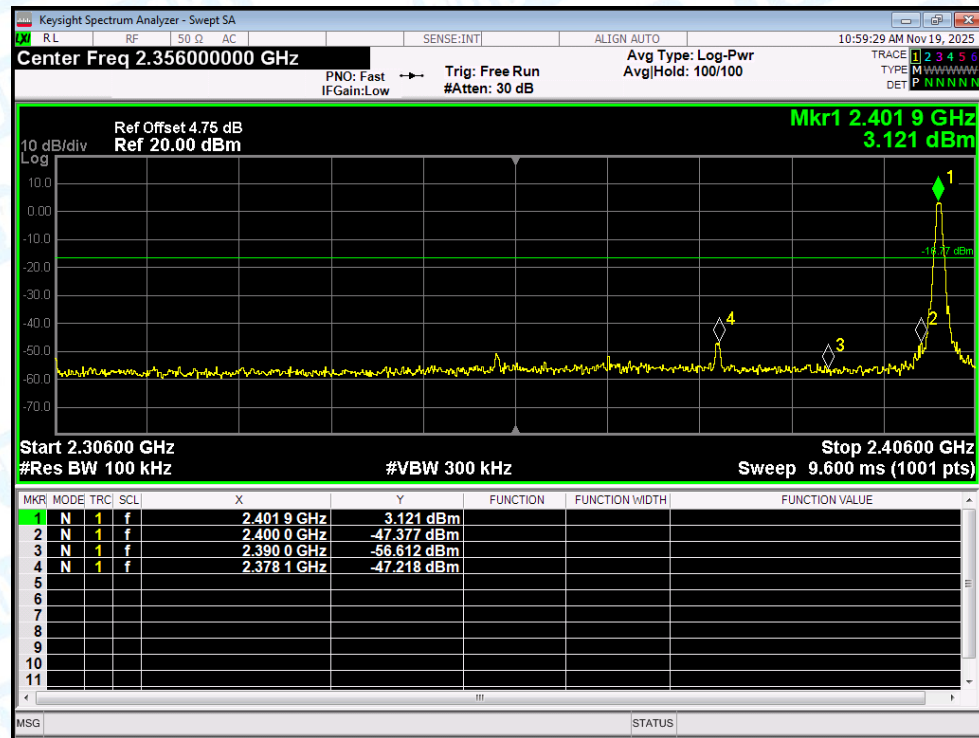
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -50.45          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -55.24          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -49.17          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -51.46          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -52.9           | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -54.93          | -20         | Pass    |

### Test Graphs

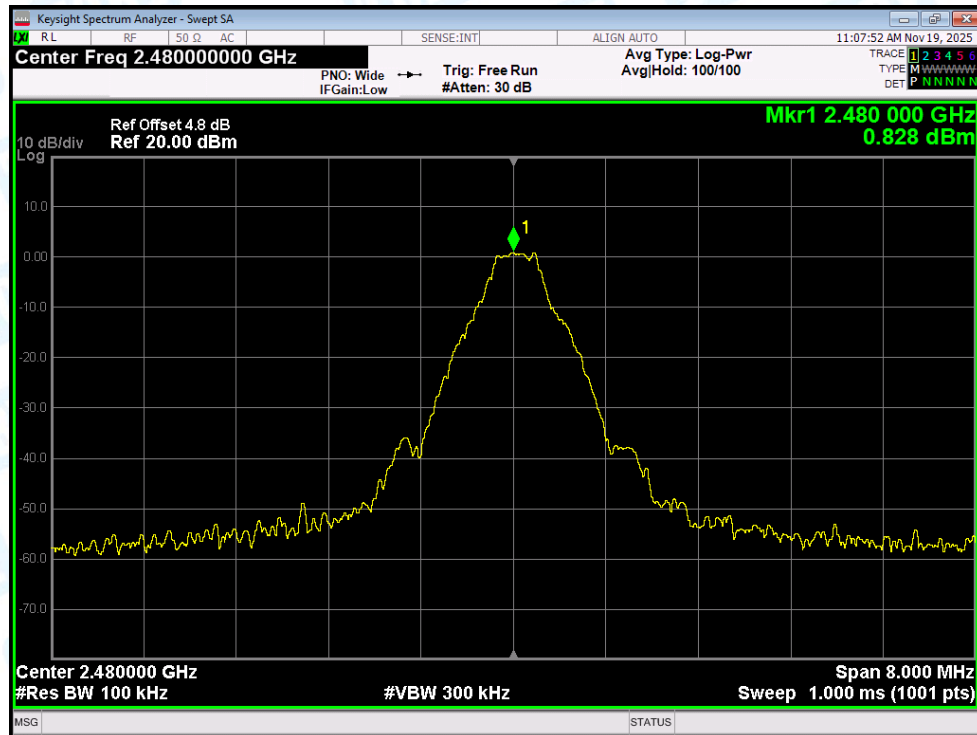
#### Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



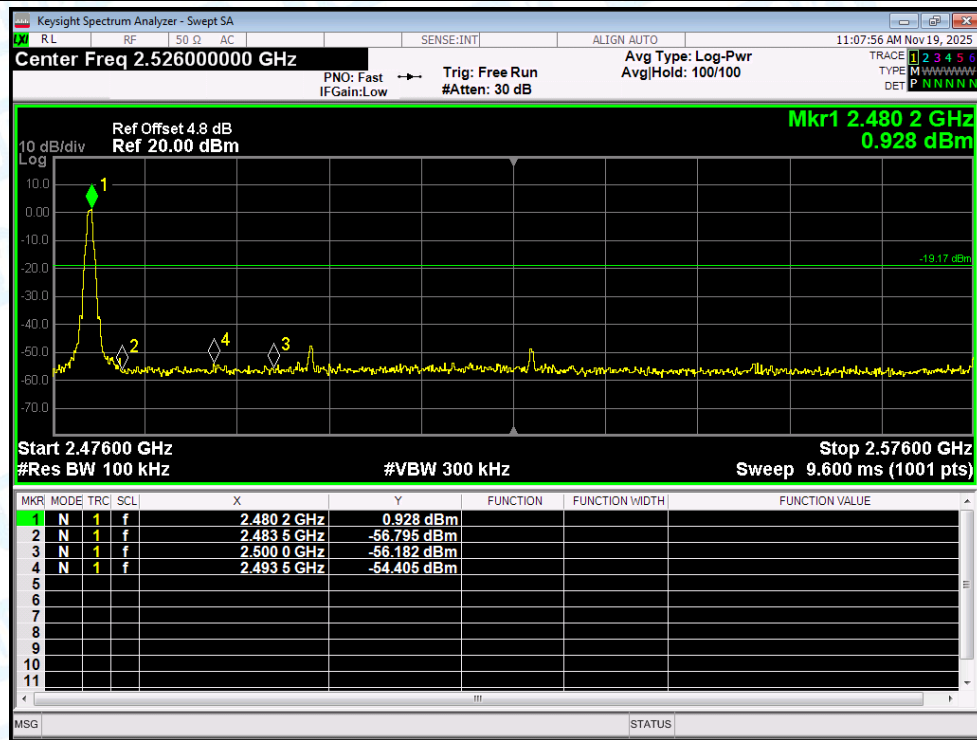
#### Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

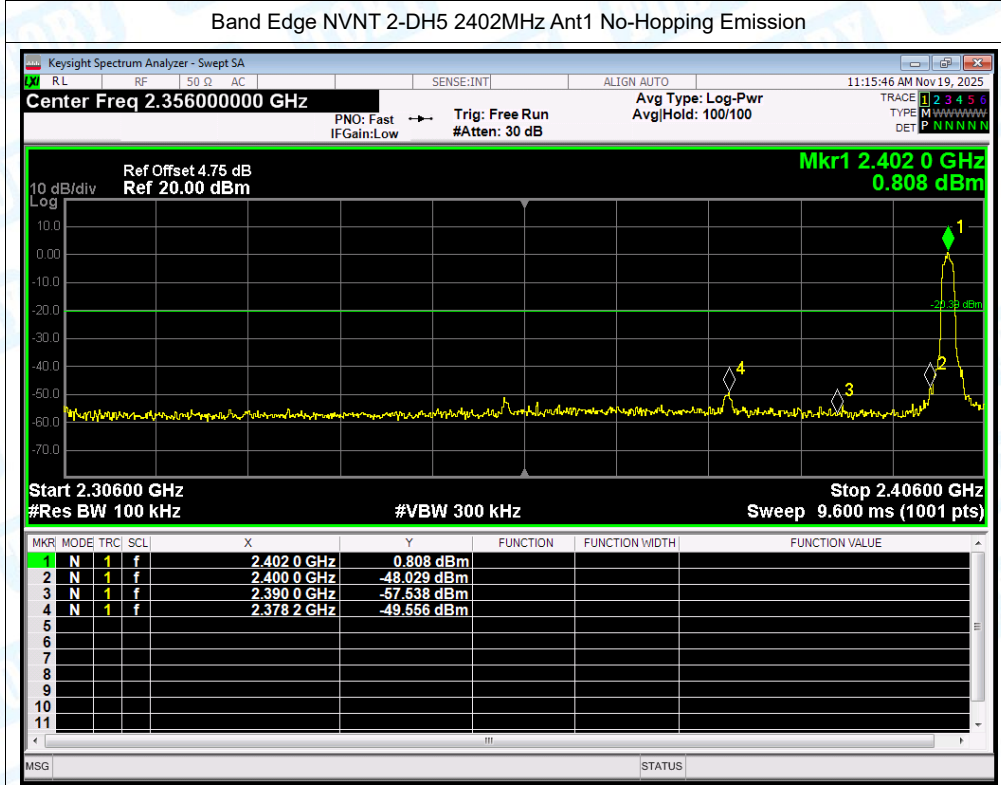
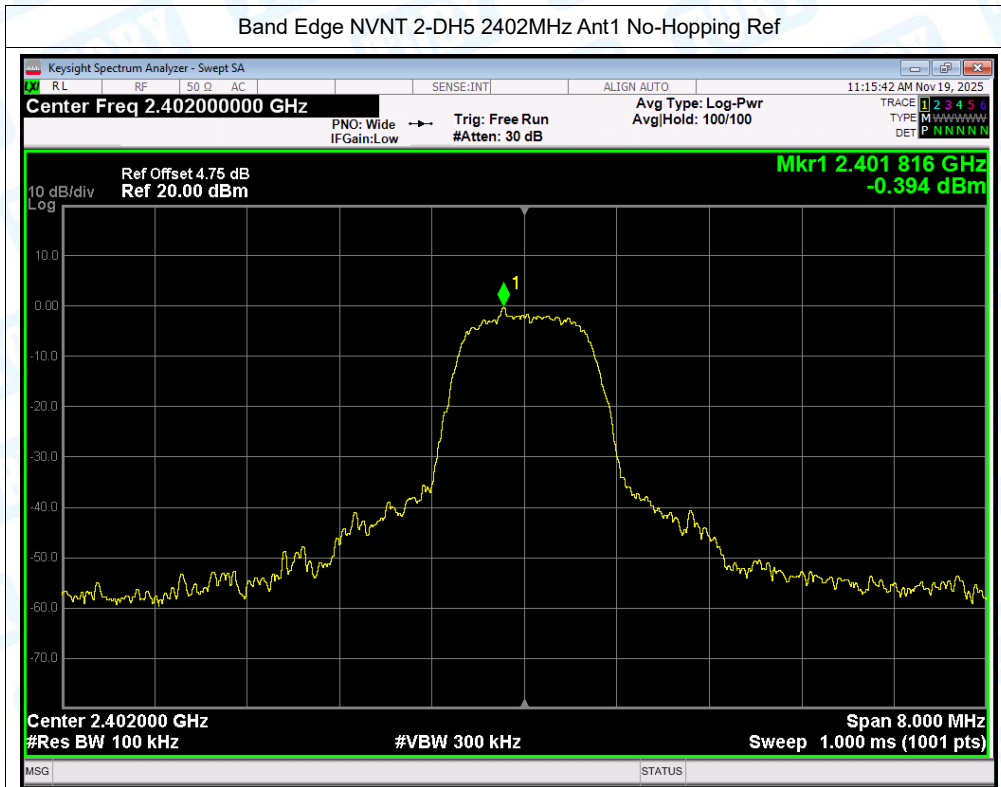


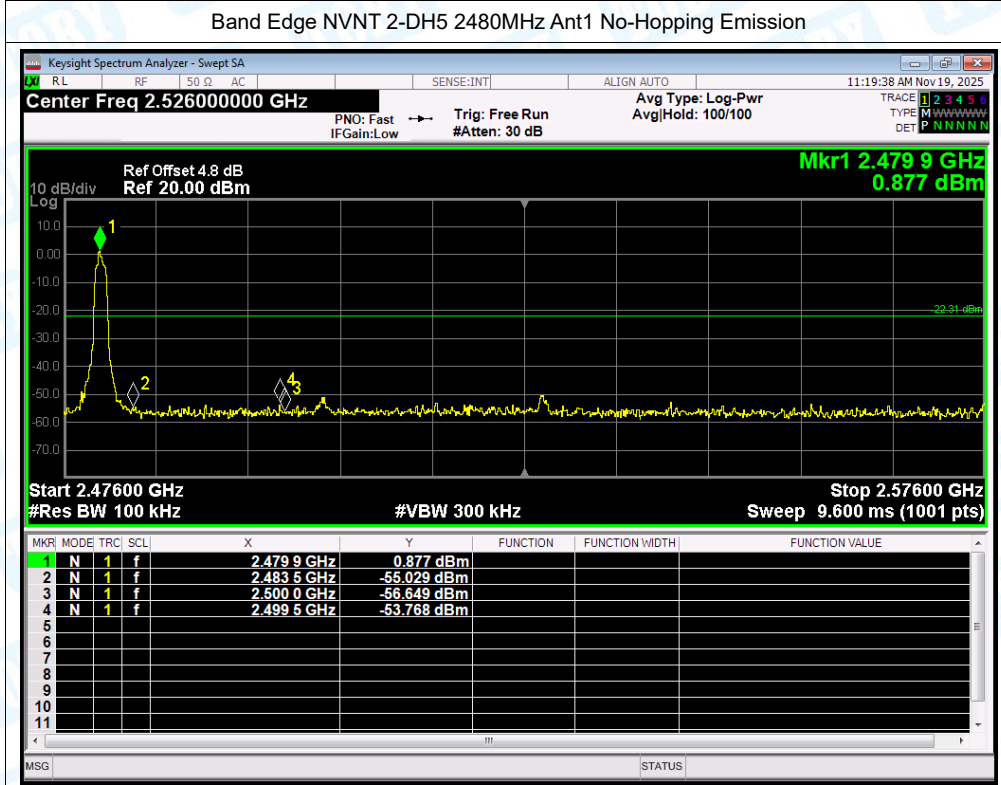
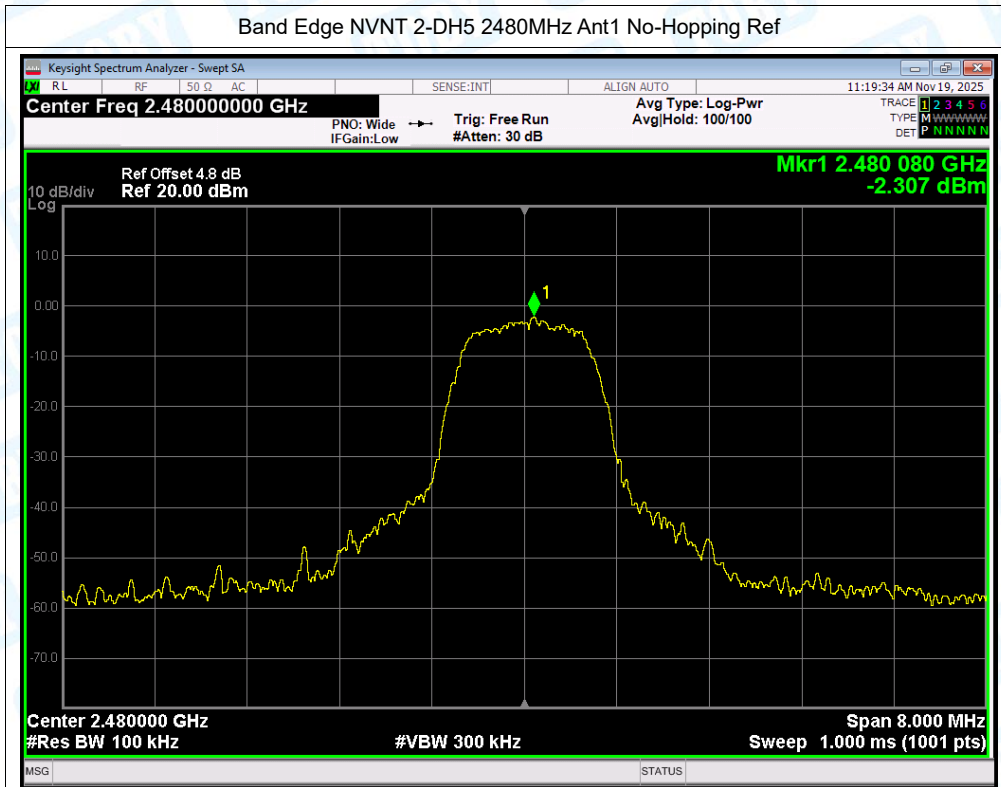
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

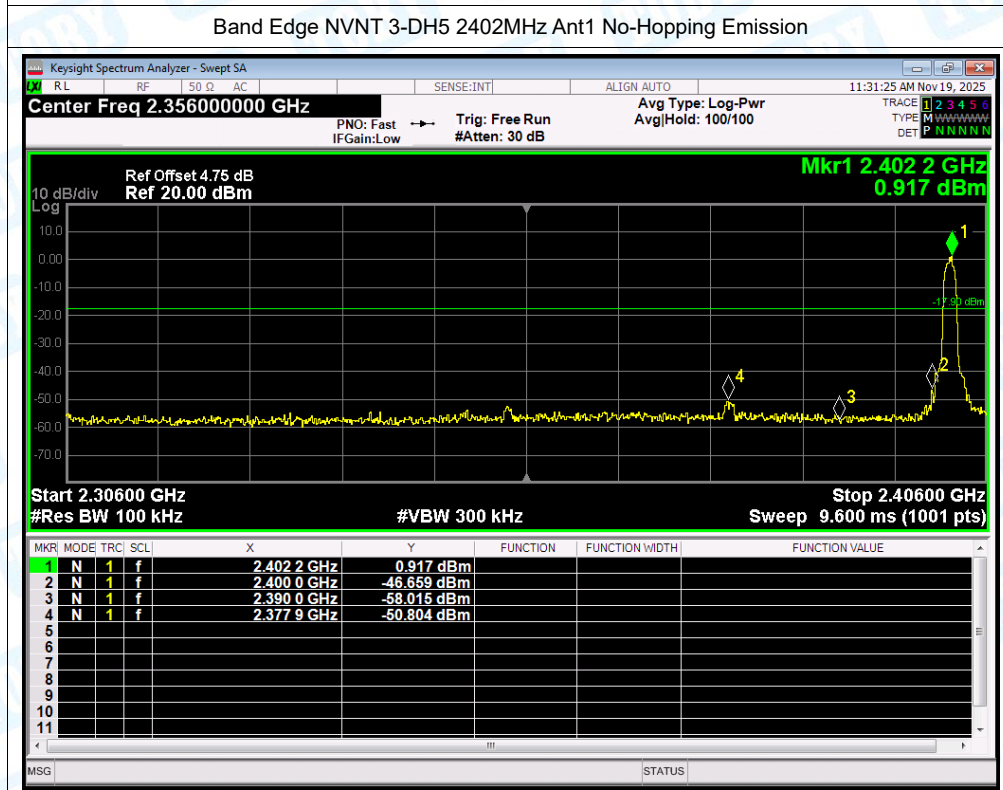


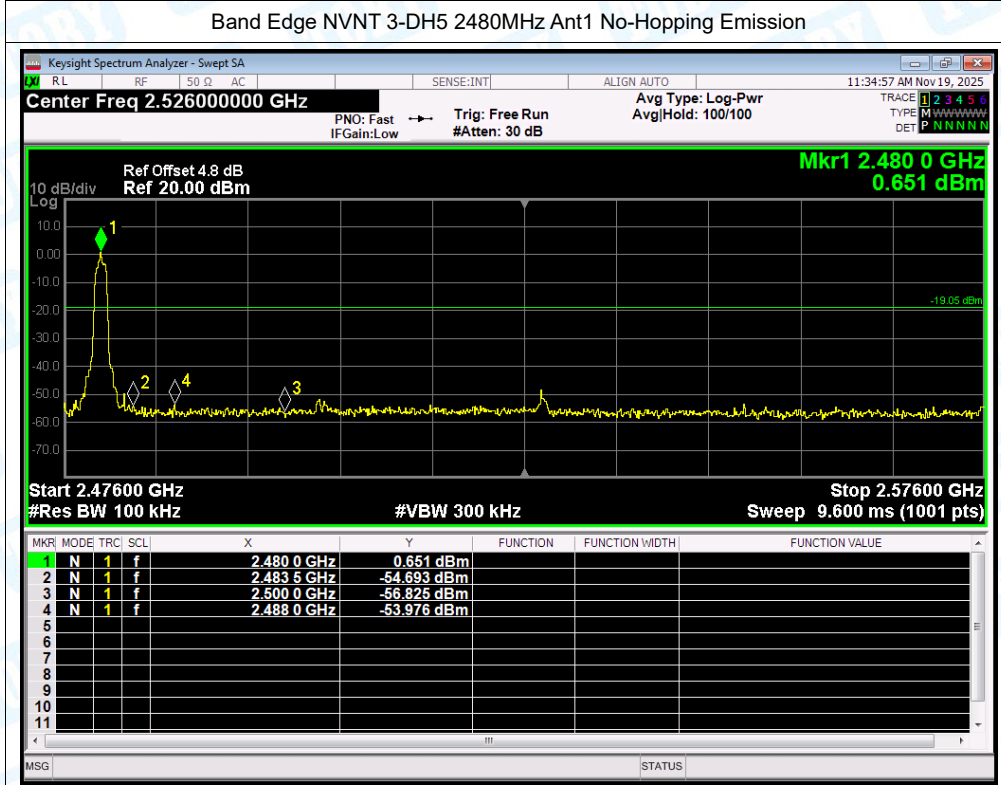
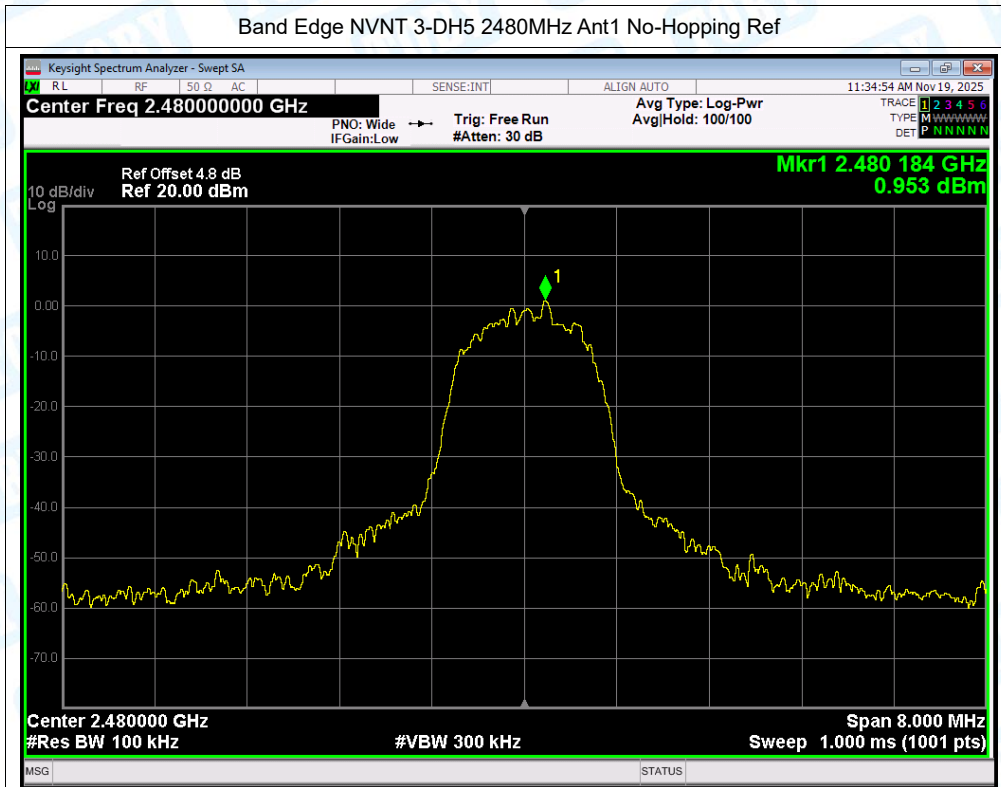
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission











## 7. Band Edge(Hopping)

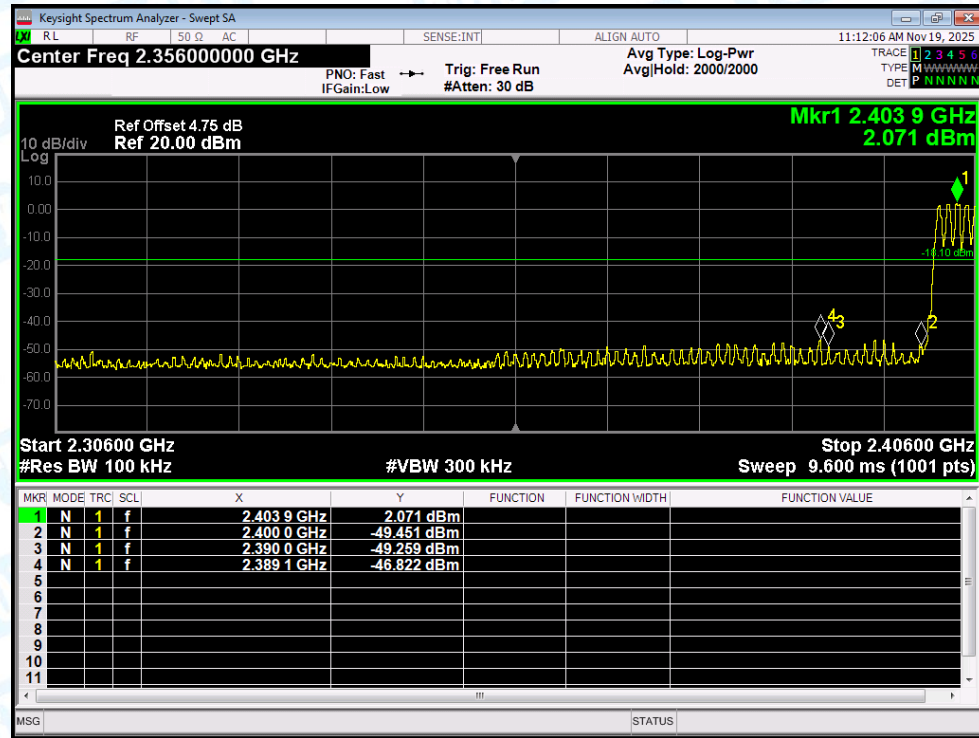
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -48.72          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -48.6           | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -51.86          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -48.85          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -51.27          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -50.05          | -20         | Pass    |

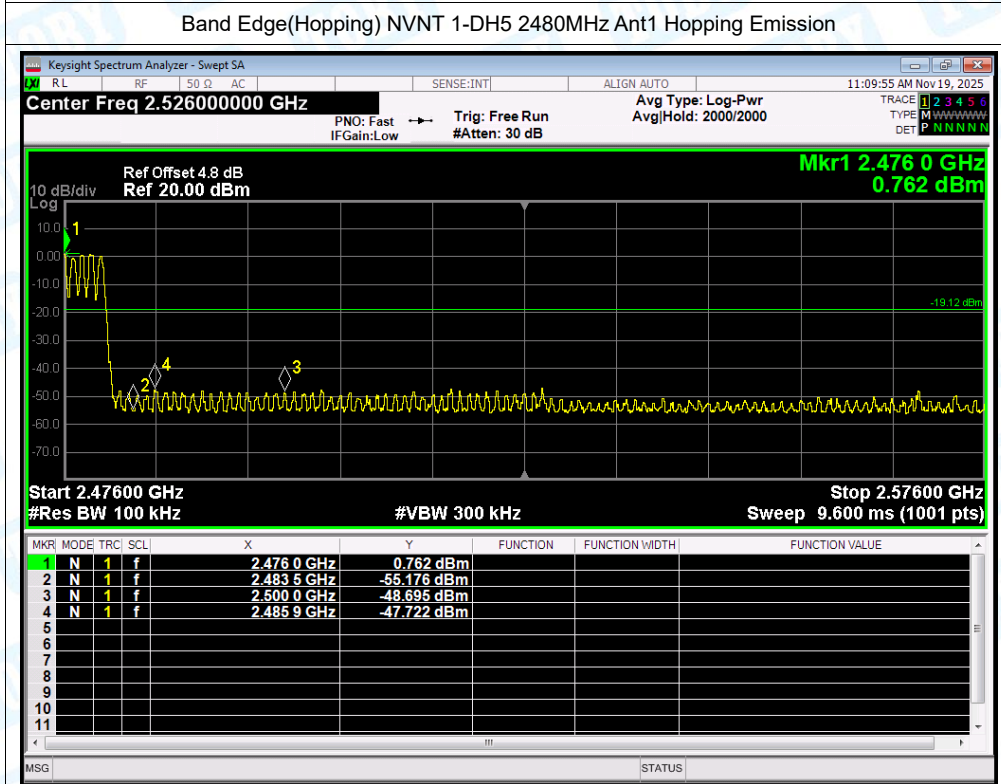
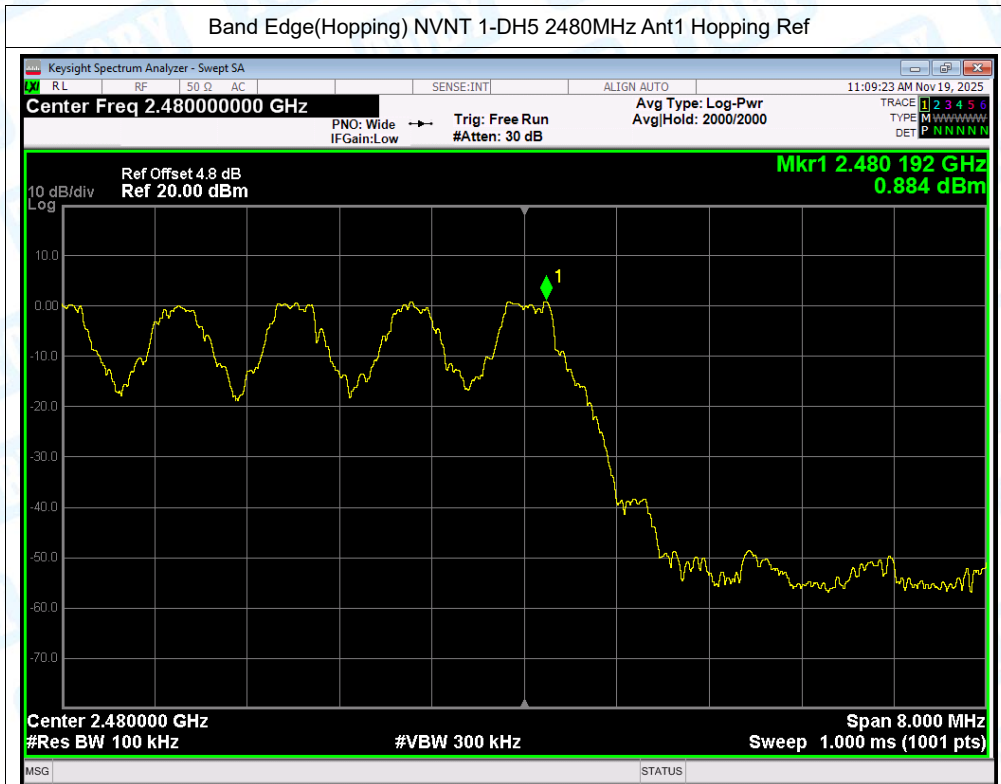
### Test Graphs

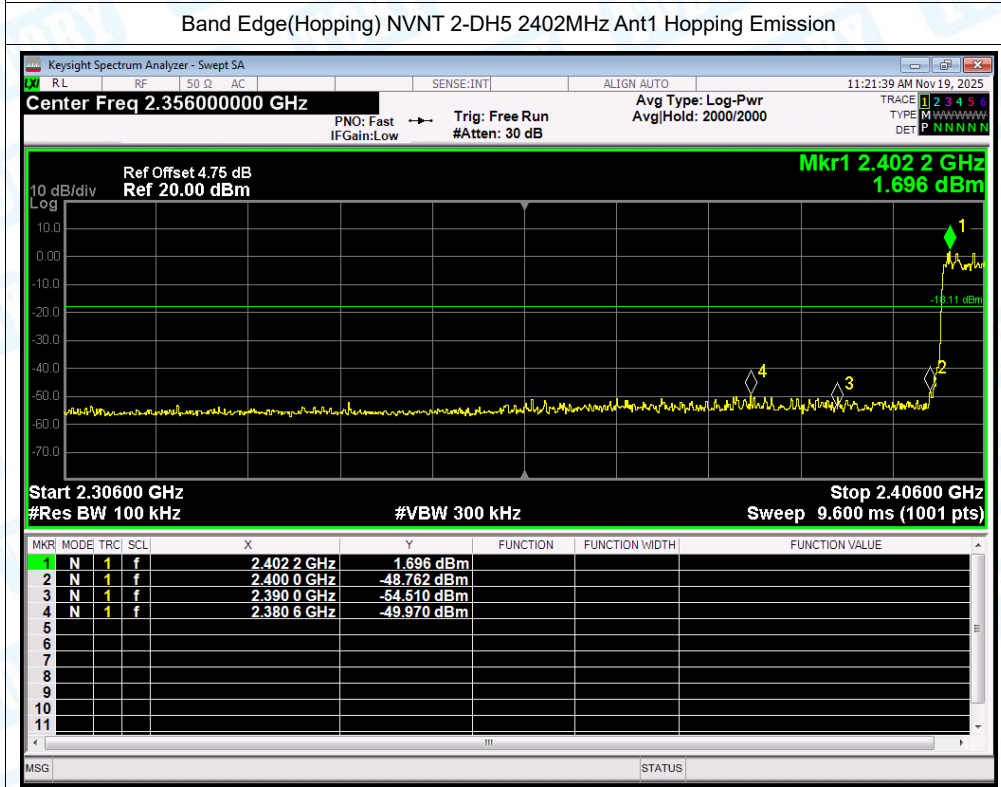
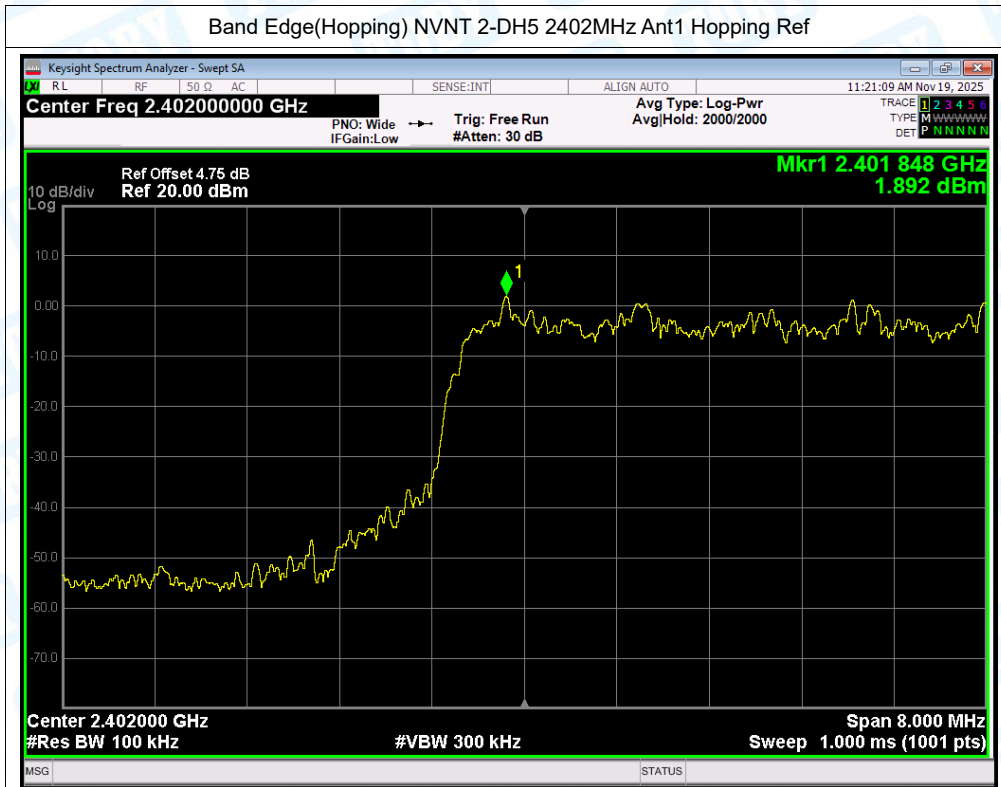
#### Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

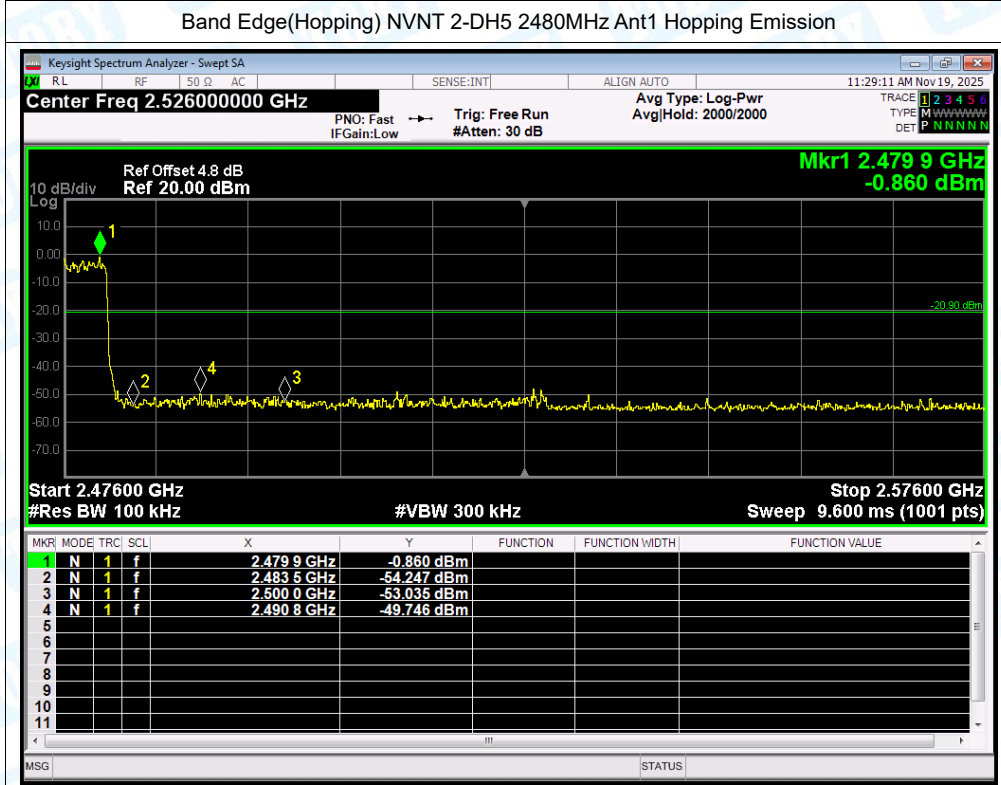
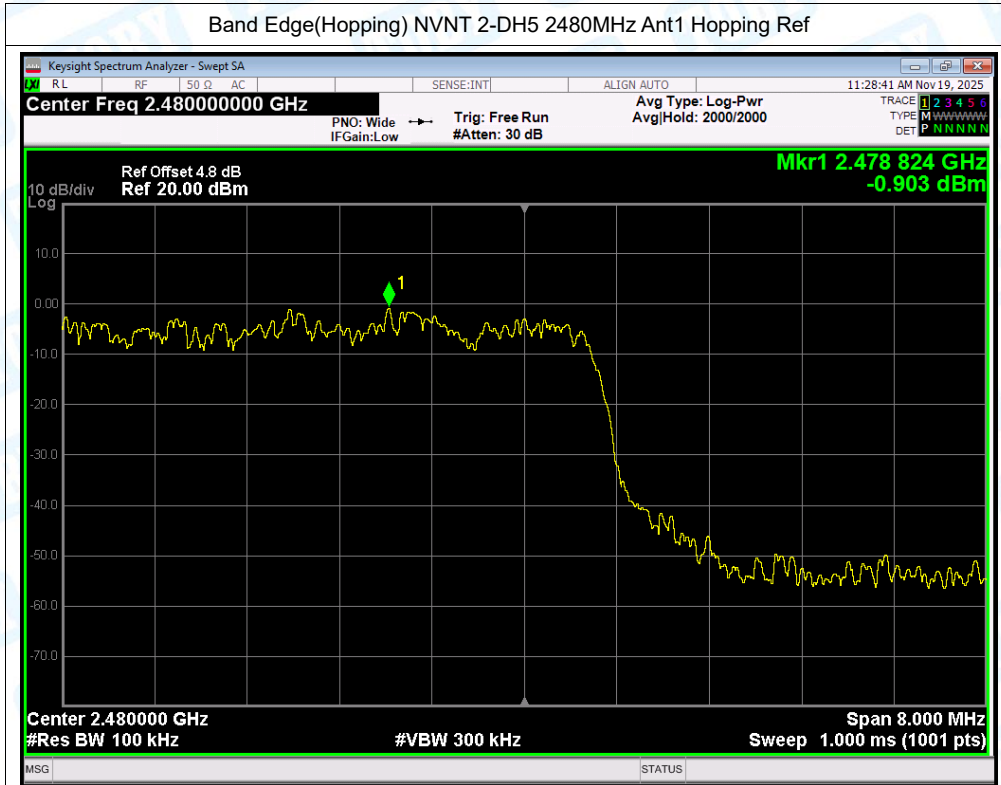


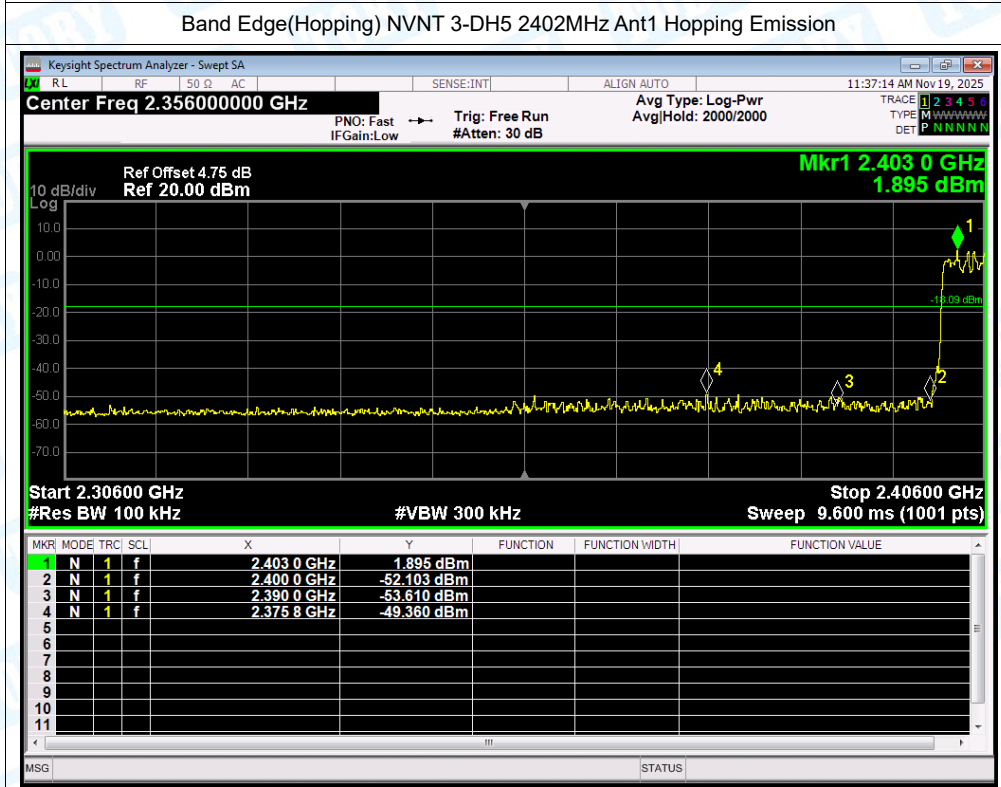
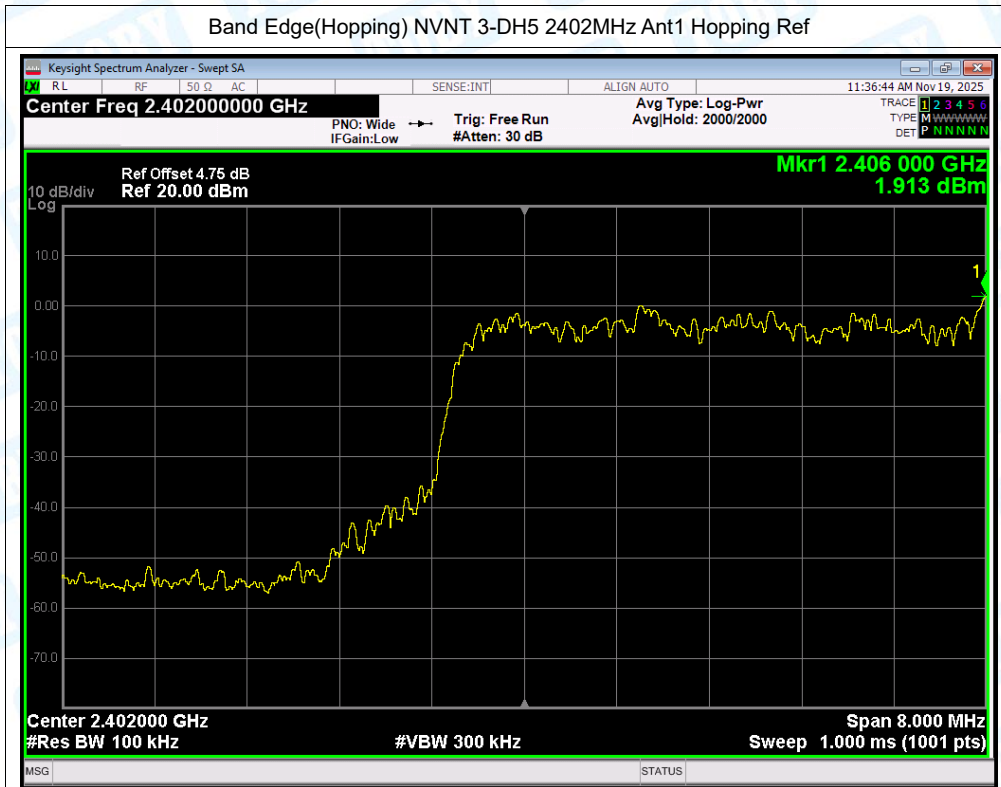
#### Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

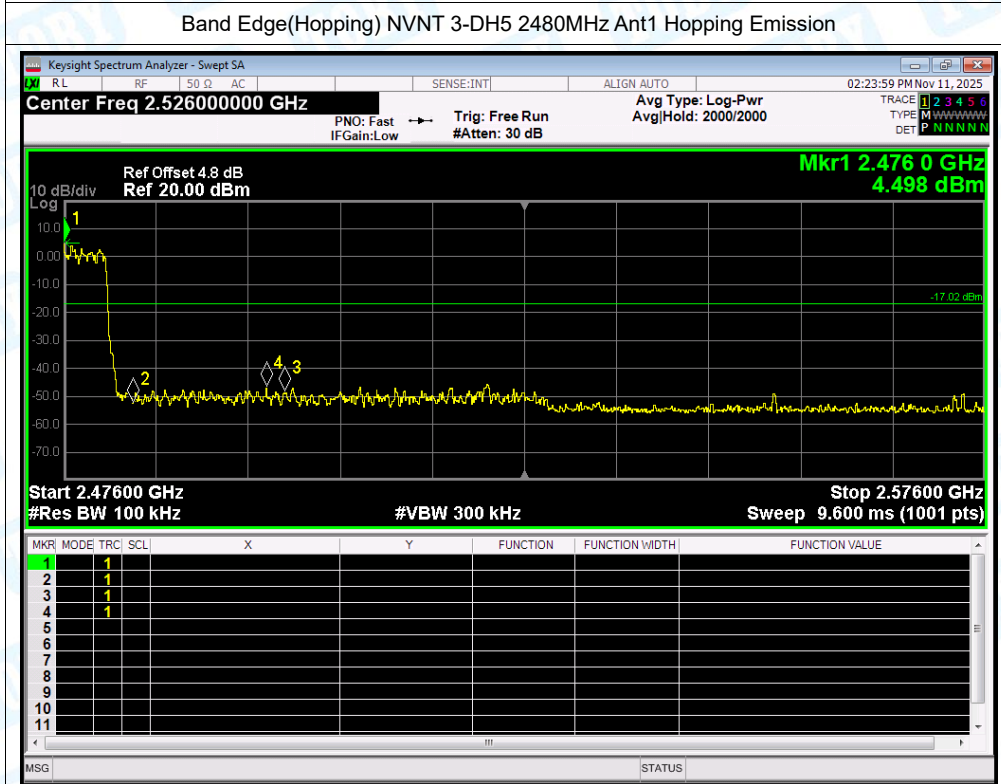
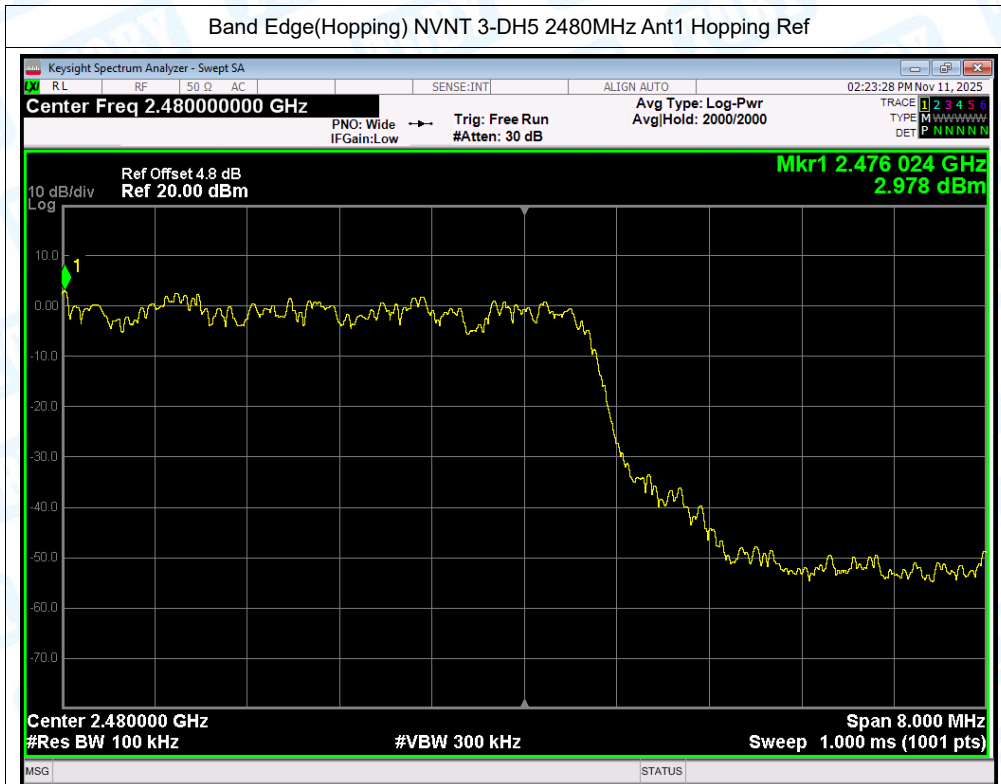










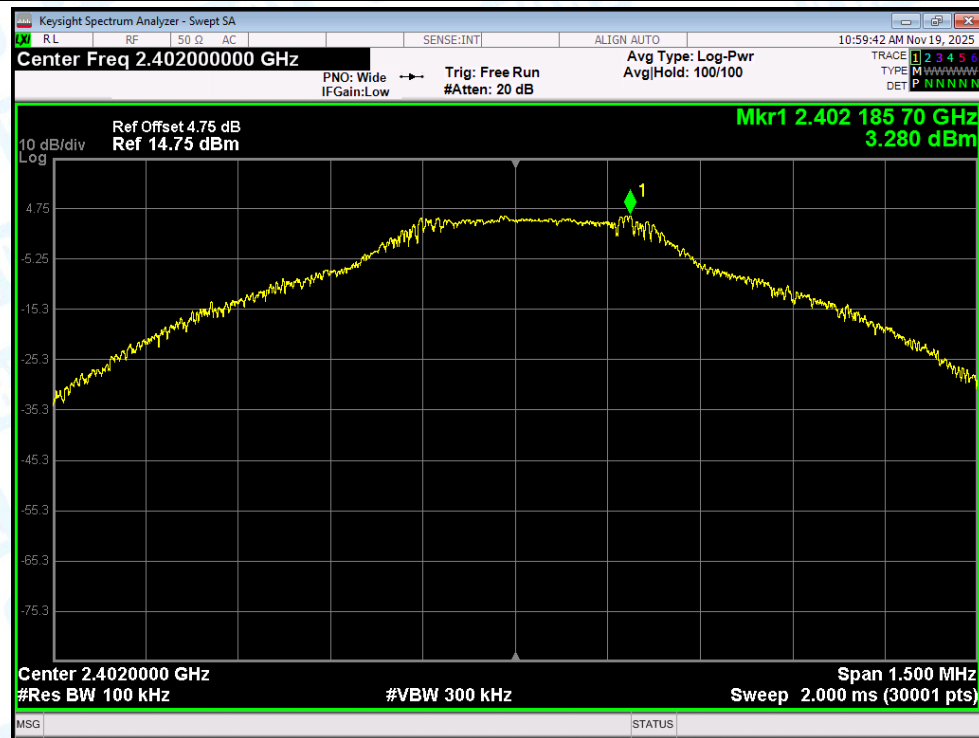


## 8. Conducted RF Spurious Emission

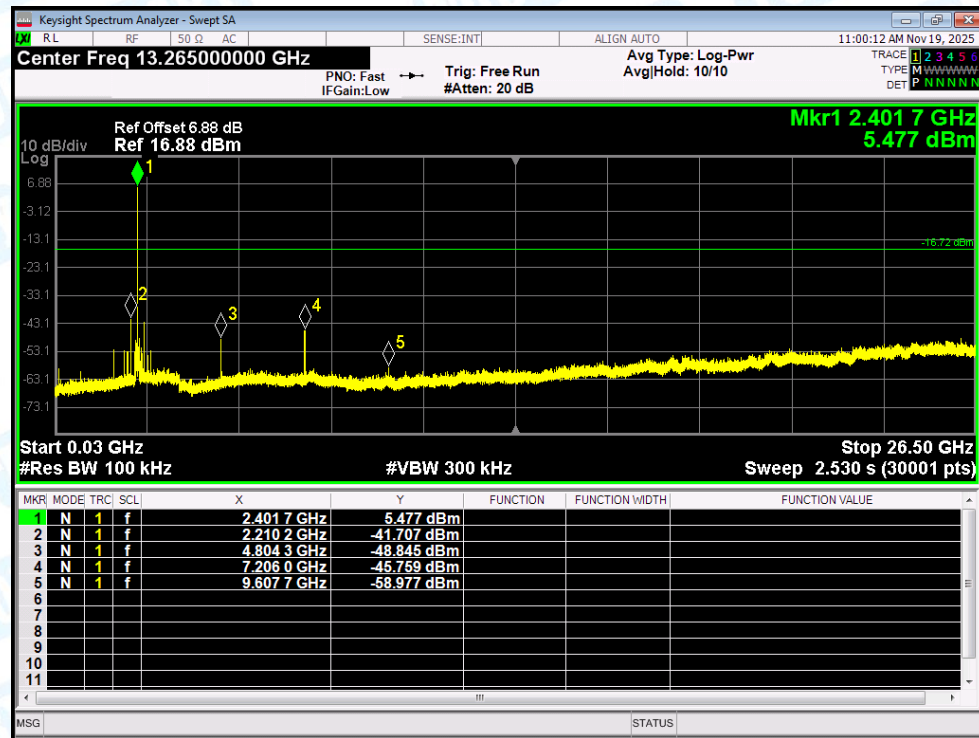
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -44.99          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -43.79          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -41.68          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -48.15          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -47.34          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -42.9           | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -48.67          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -44.69          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -42.93          | -23         | Pass    |

### Test Graphs

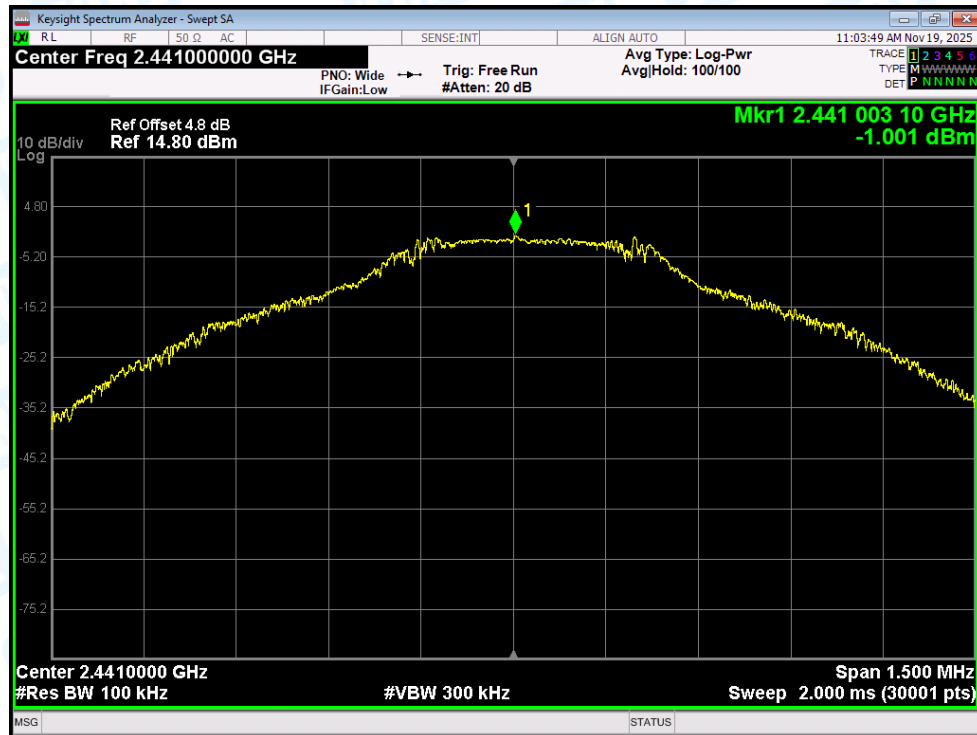
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



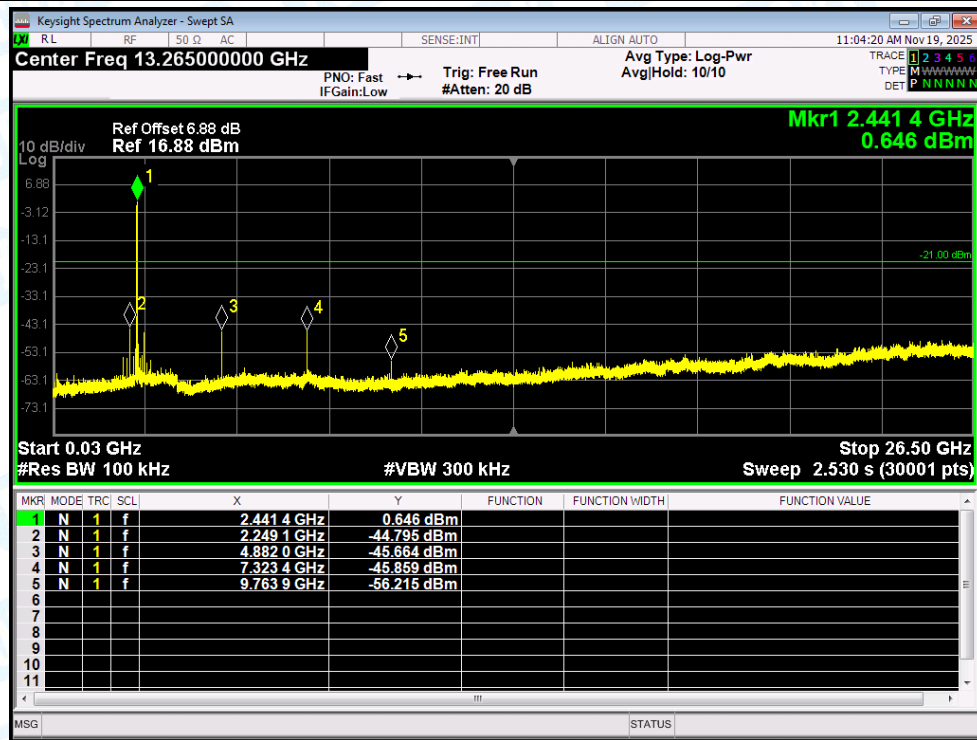
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



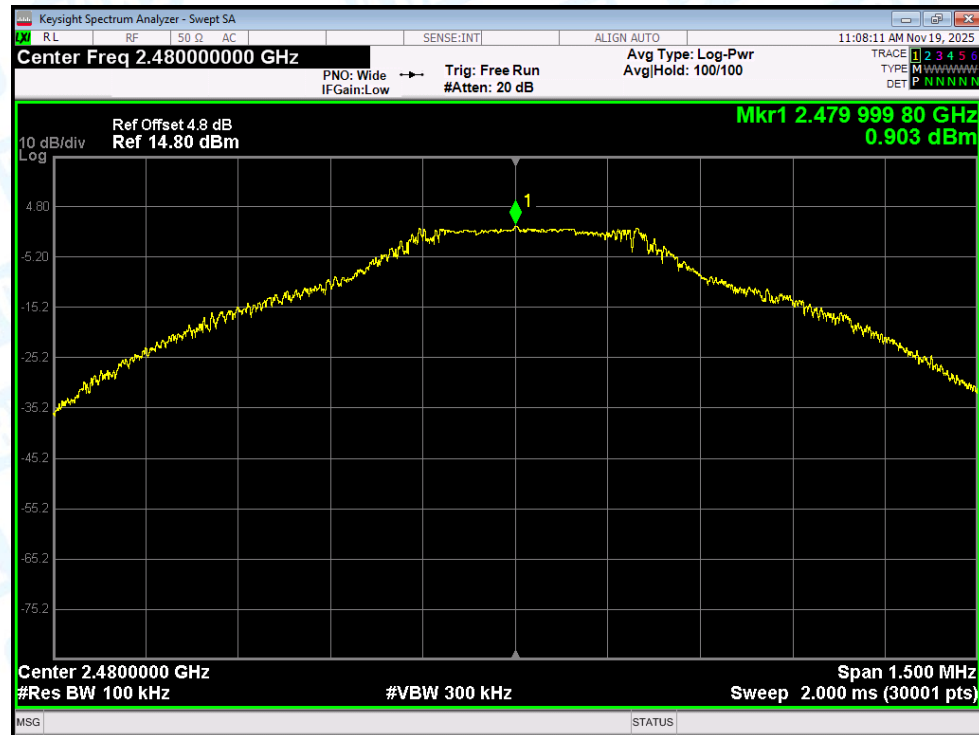
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



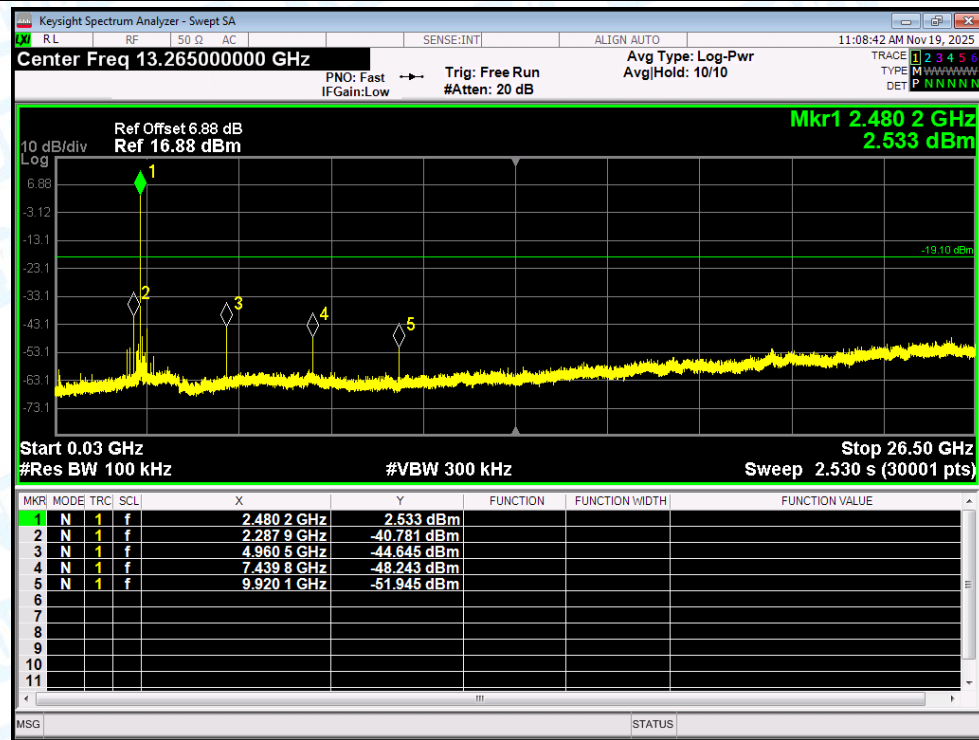
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



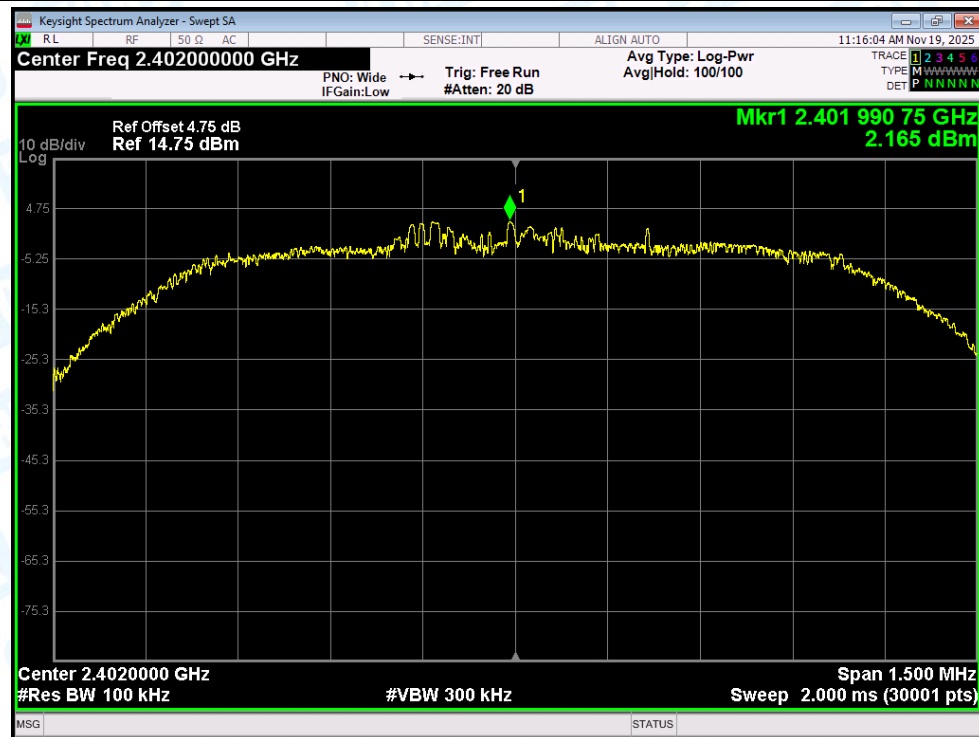
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



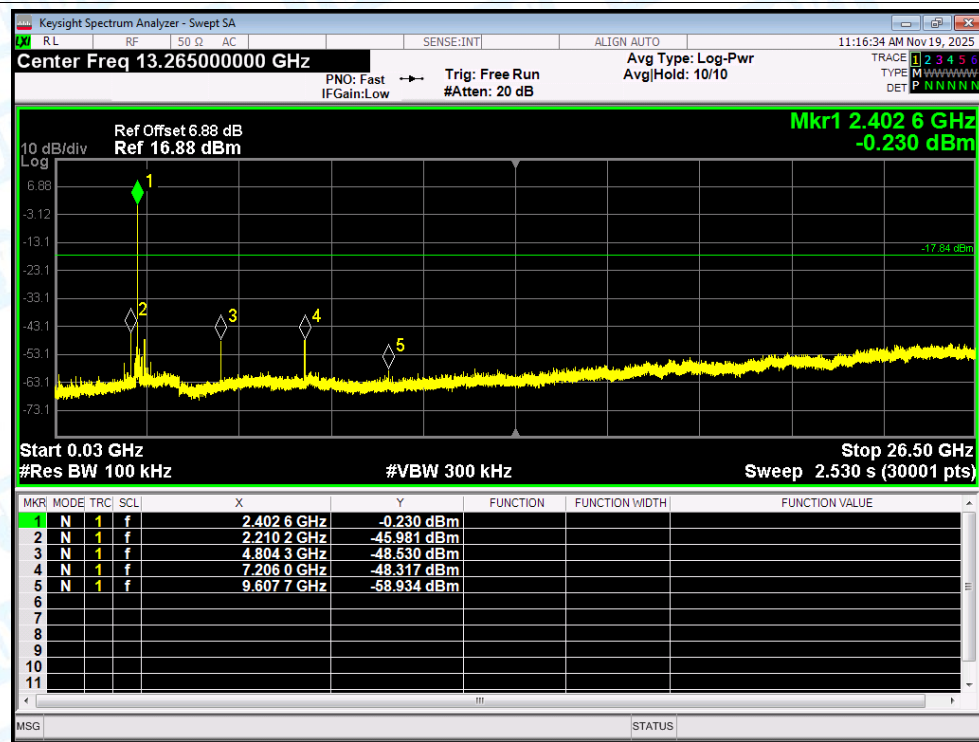
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



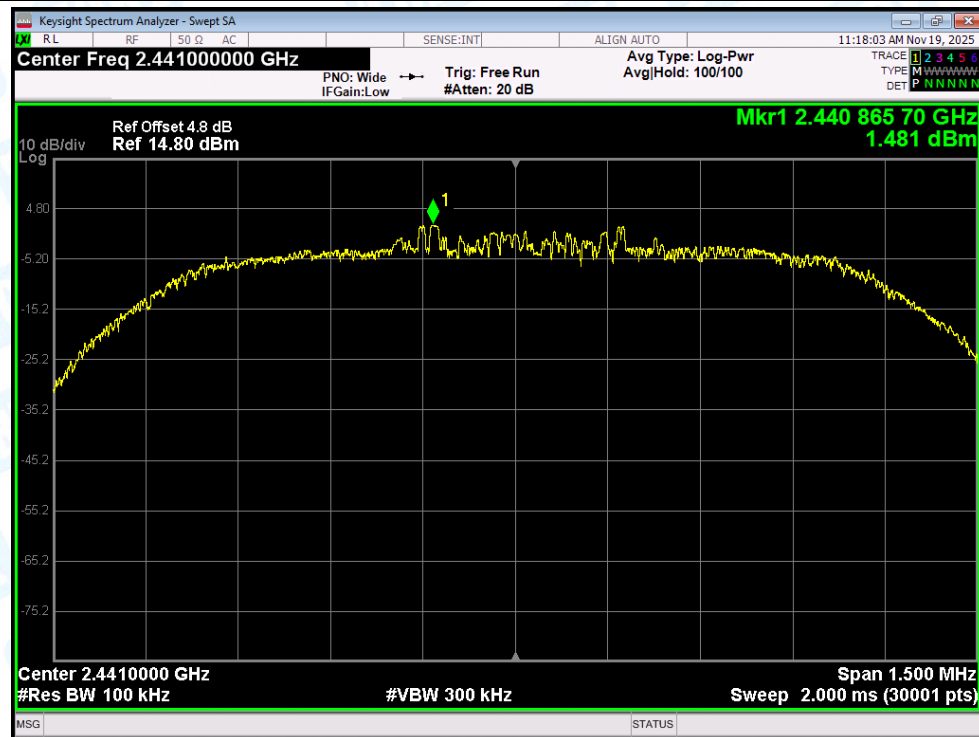
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



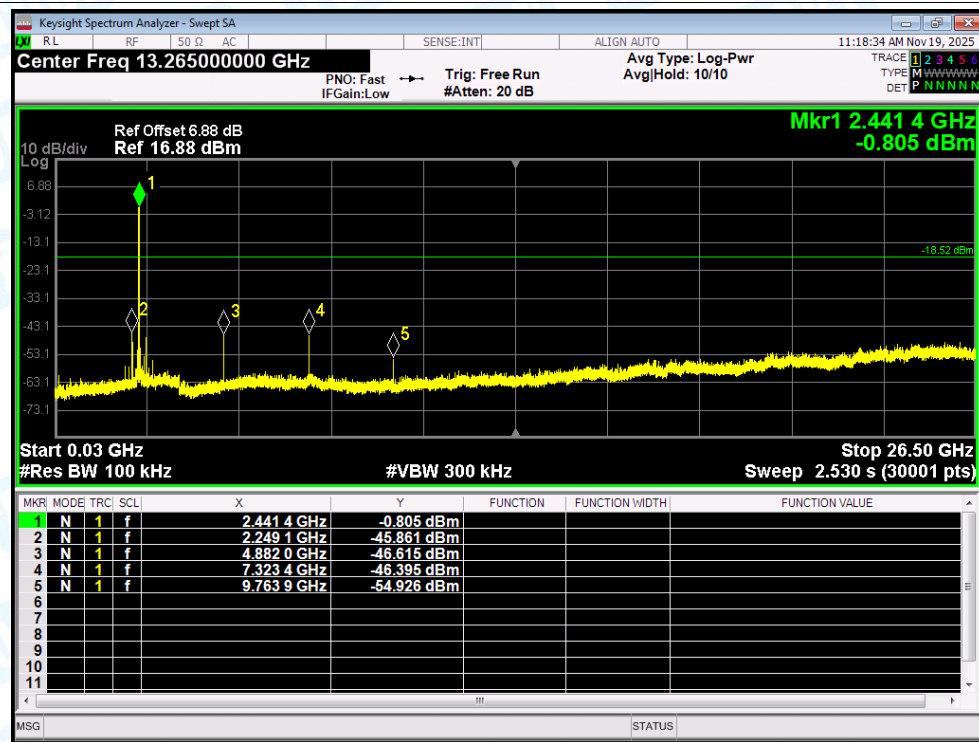
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



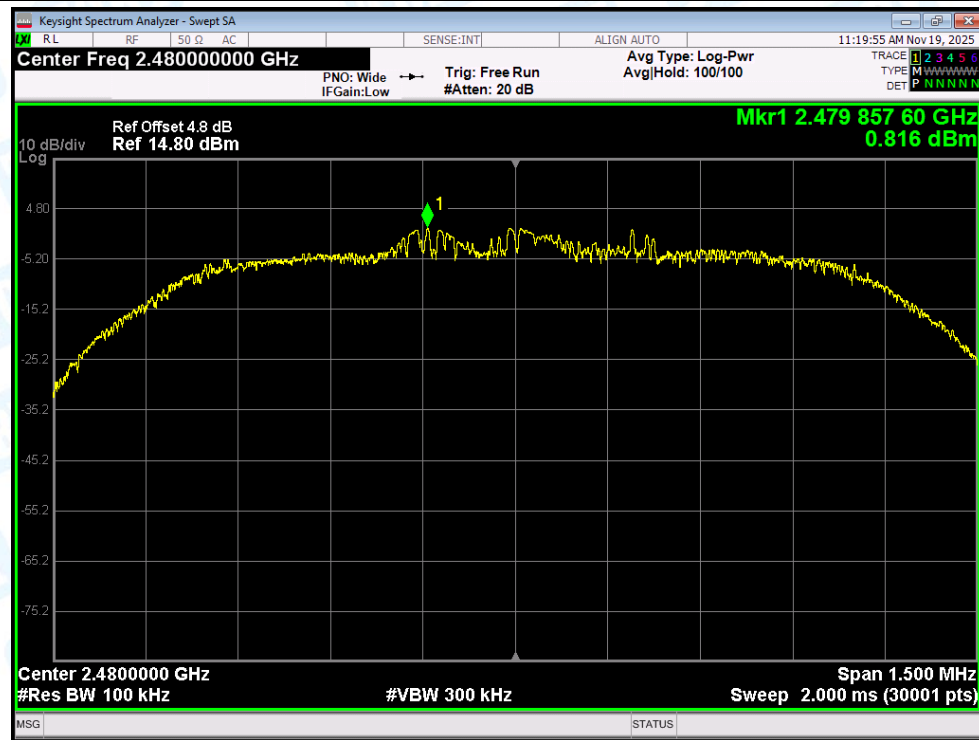
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



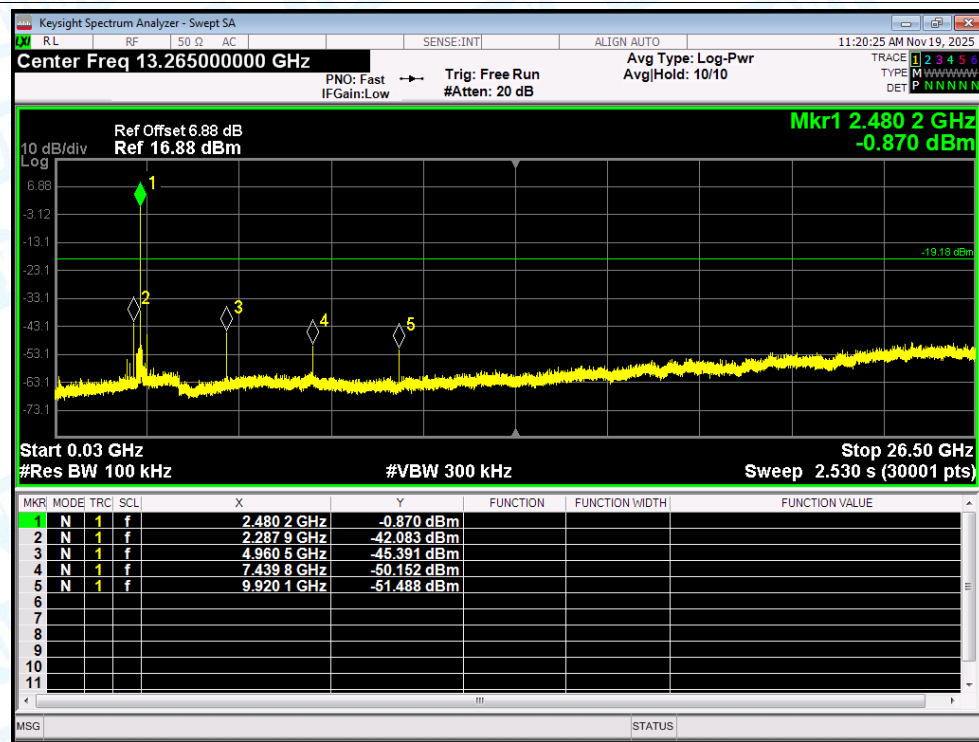
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



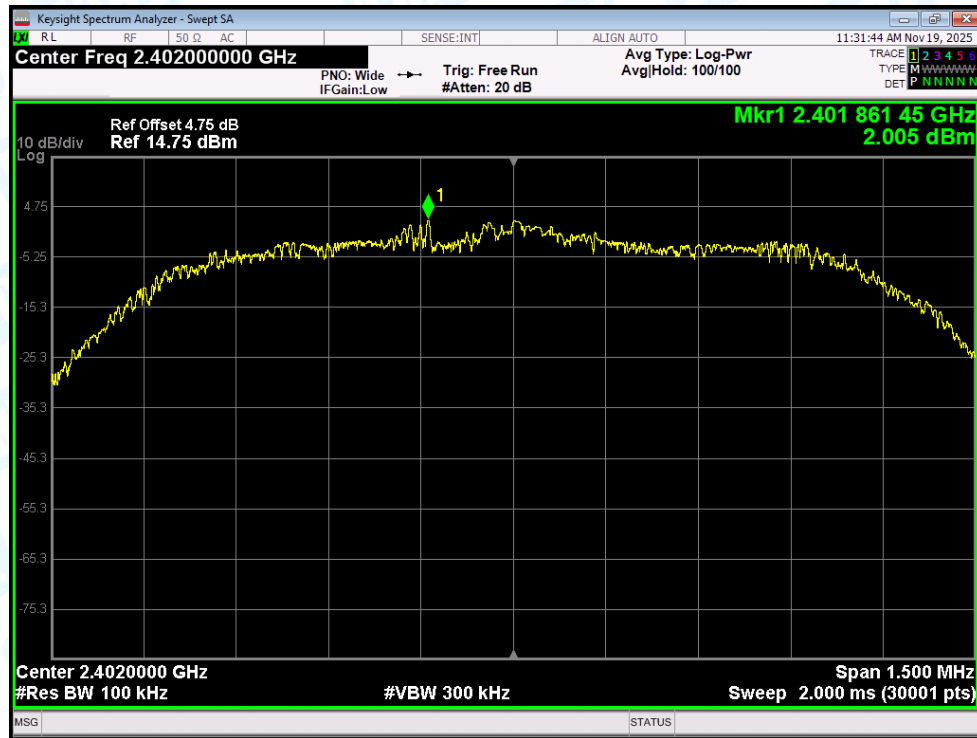
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



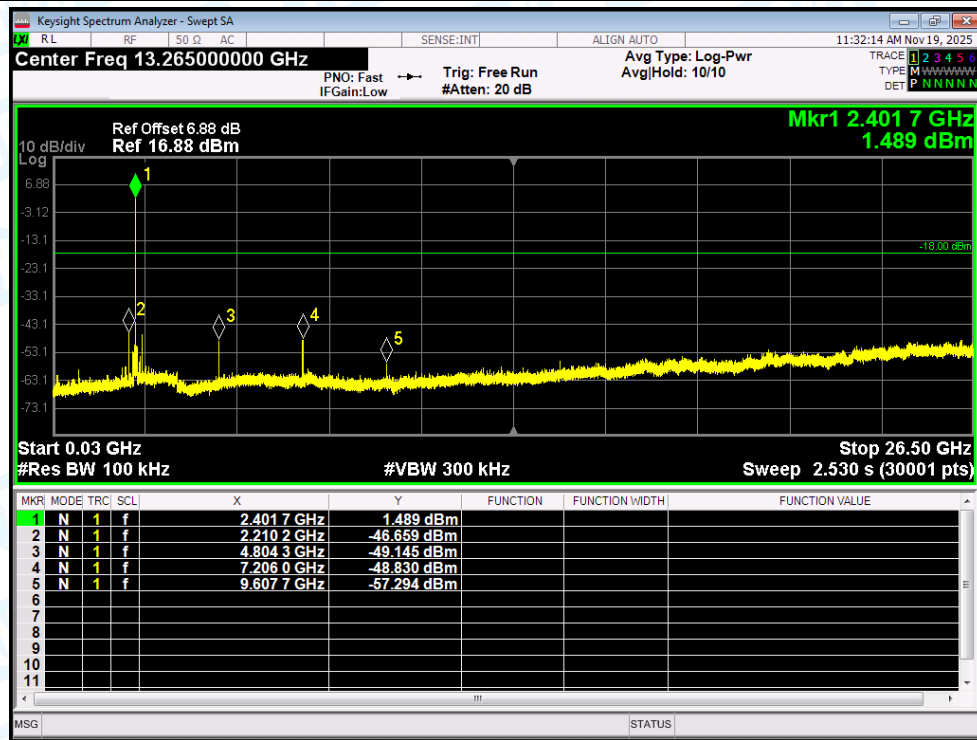
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



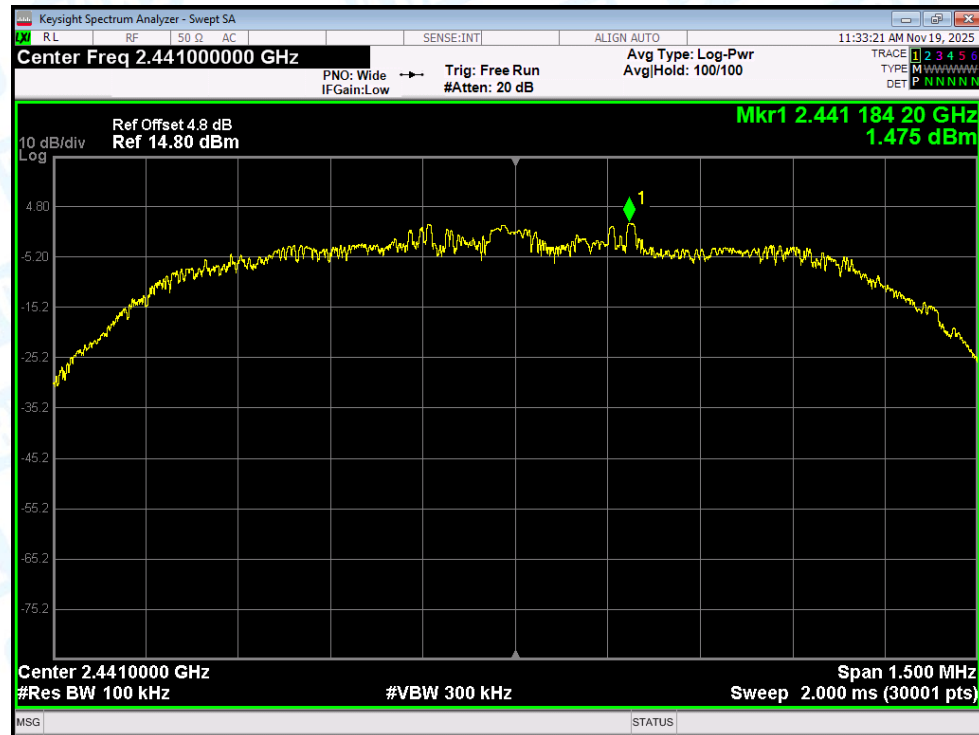
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



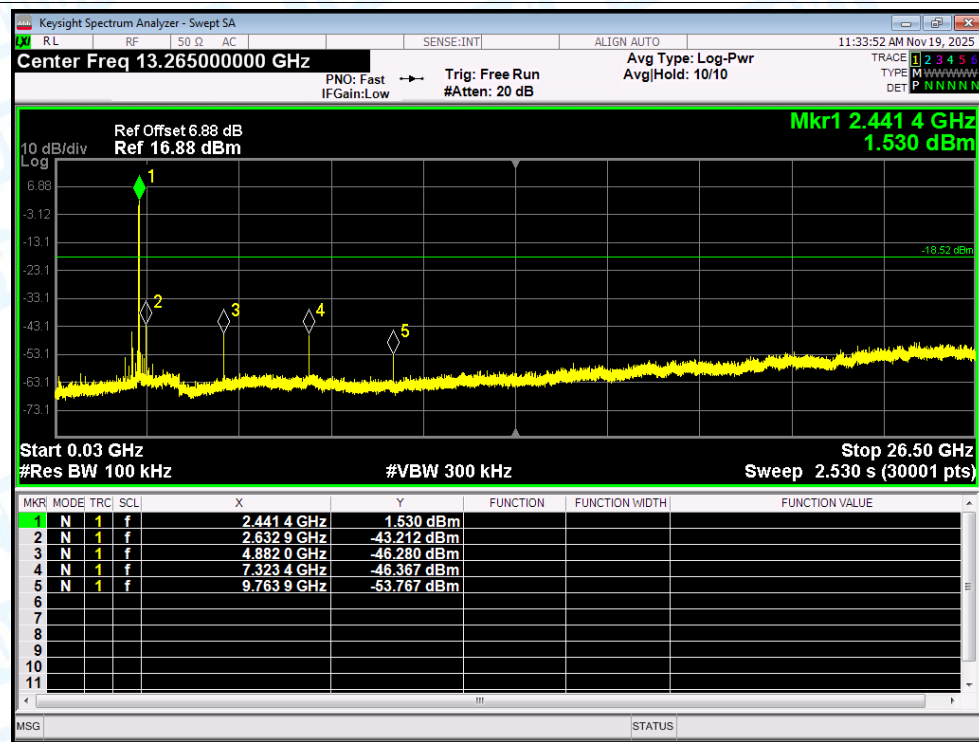
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



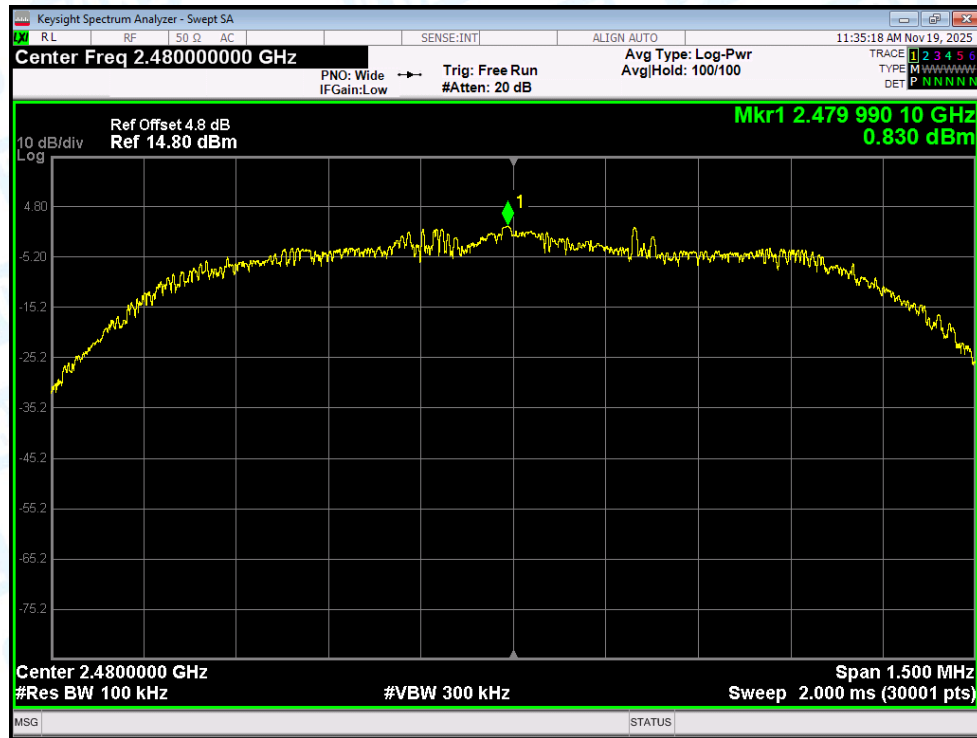
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



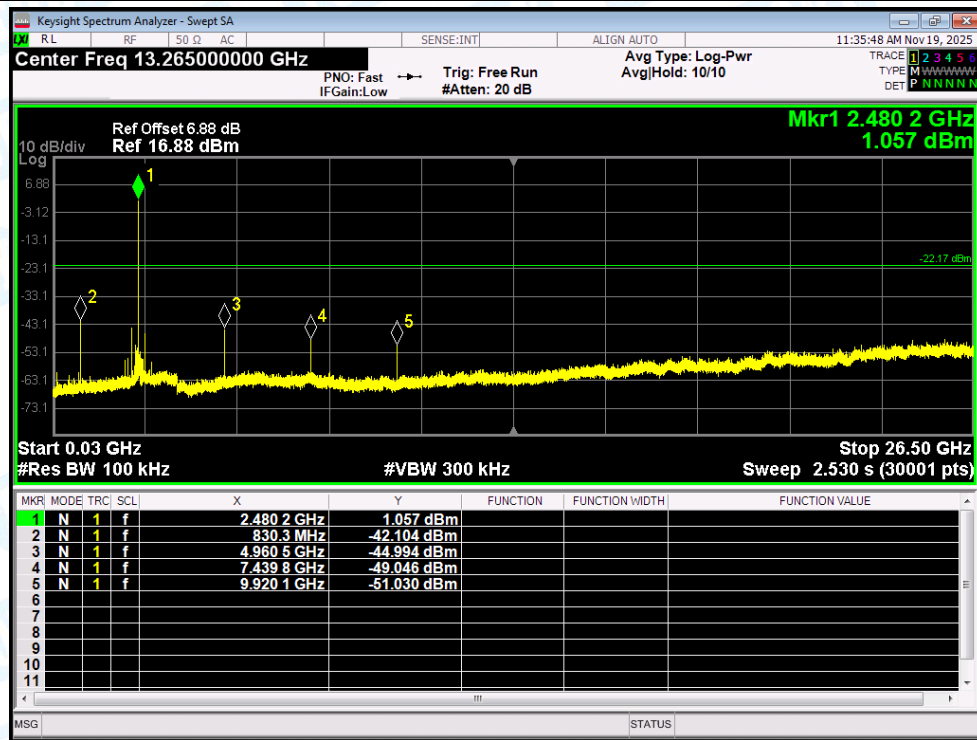
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

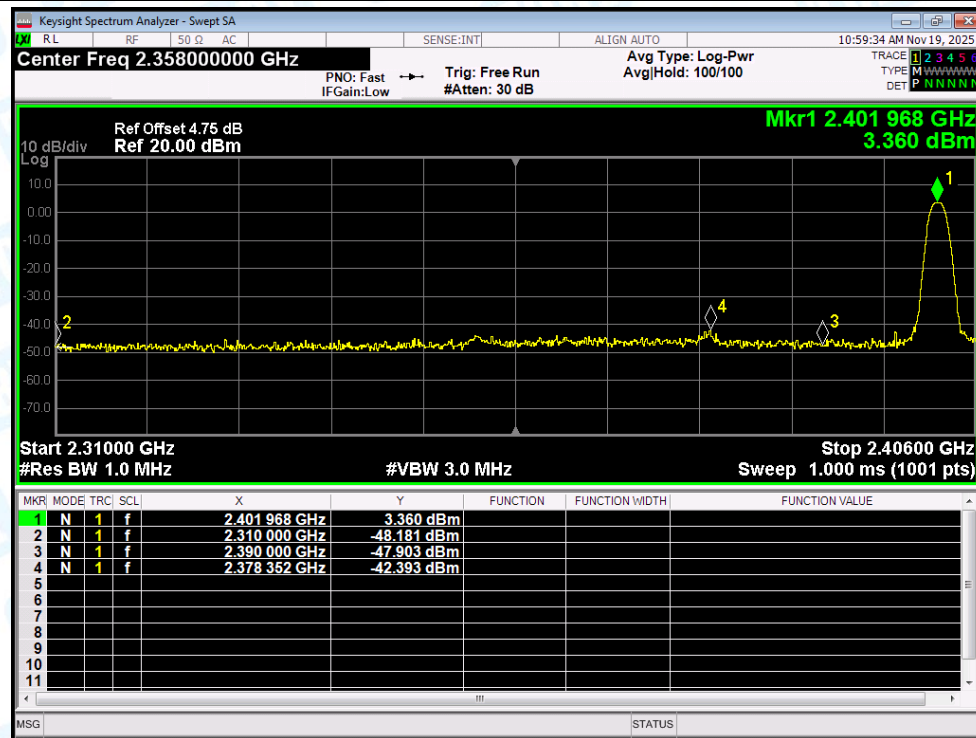


## 9.Restrict Band

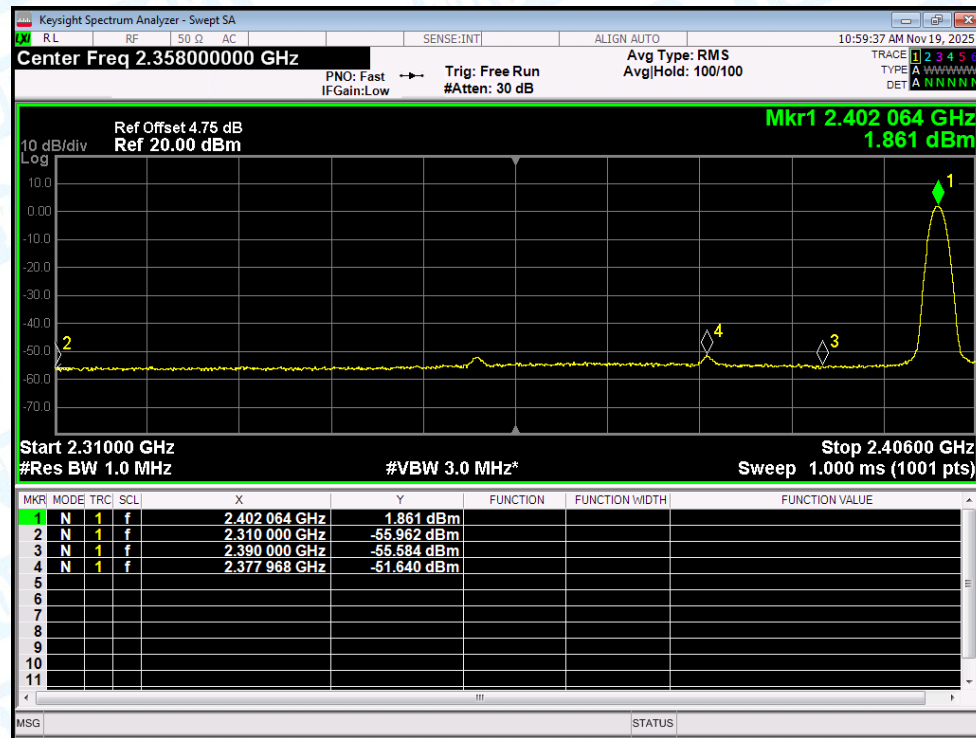
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -48.18      | 2          | -                | 49.08      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -55.96      | 2          | 1.13             | 42.43      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2378.352        | -42.39      | 2          | -                | 54.87      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2377.968        | -51.64      | 2          | 1.13             | 46.75      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -47.9       | 2          | -                | 49.36      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -55.58      | 2          | 1.13             | 42.81      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.02      | 2          | -                | 50.24      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.32      | 2          | 1.14             | 43.08      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2486.368        | -43.71      | 2          | -                | 53.55      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2496.28         | -54.09      | 2          | 1.14             | 44.31      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -45.42      | 2          | -                | 51.84      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -54.7       | 2          | 1.14             | 43.7       | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -46.47      | 2          | -                | 50.79      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -56.3       | 2          | 1.13             | 42.09      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2377.776        | -42.87      | 2          | -                | 54.39      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2354.448        | -53.07      | 2          | 1.13             | 45.32      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -49.01      | 2          | -                | 48.25      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -55.42      | 2          | 1.13             | 42.97      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.13      | 2          | -                | 50.13      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -54.44      | 2          | 1.13             | 43.95      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2494.96         | -43.8       | 2          | -                | 53.46      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2496.256        | -53.92      | 2          | 1.13             | 44.47      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -47.52      | 2          | -                | 49.74      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -54.55      | 2          | 1.13             | 43.84      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -48.41      | 2          | -                | 48.85      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2310            | -56.66      | 2          | 1.13             | 41.73      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2378.352        | -42.59      | 2          | -                | 54.67      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2353.776        | -53.07      | 2          | 1.13             | 45.32      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -47.98      | 2          | -                | 49.28      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | 2390            | -54.88      | 2          | 1.13             | 43.51      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.58      | 2          | -                | 49.68      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.8       | 2          | 1.13             | 42.59      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2495.416        | -43.98      | 2          | -                | 53.28      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2495.392        | -54.3       | 2          | 1.13             | 44.09      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -47.63      | 2          | -                | 49.63      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | 2500            | -54.63      | 2          | 1.13             | 43.76      | Average  | 54             | Pass    |

### Test Graphs

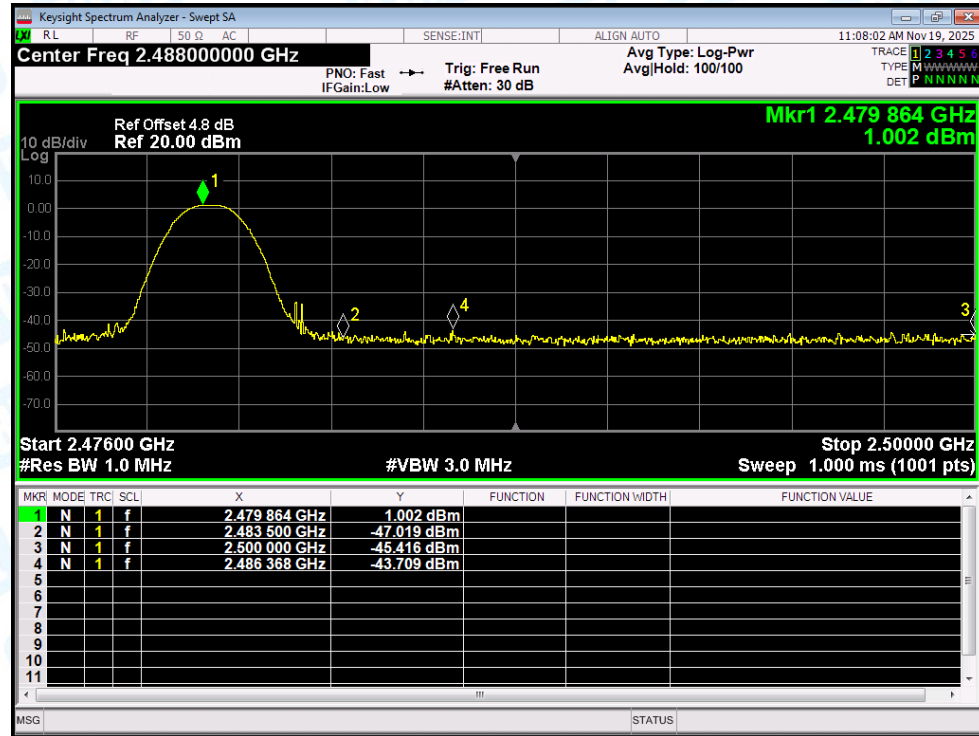
#### Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



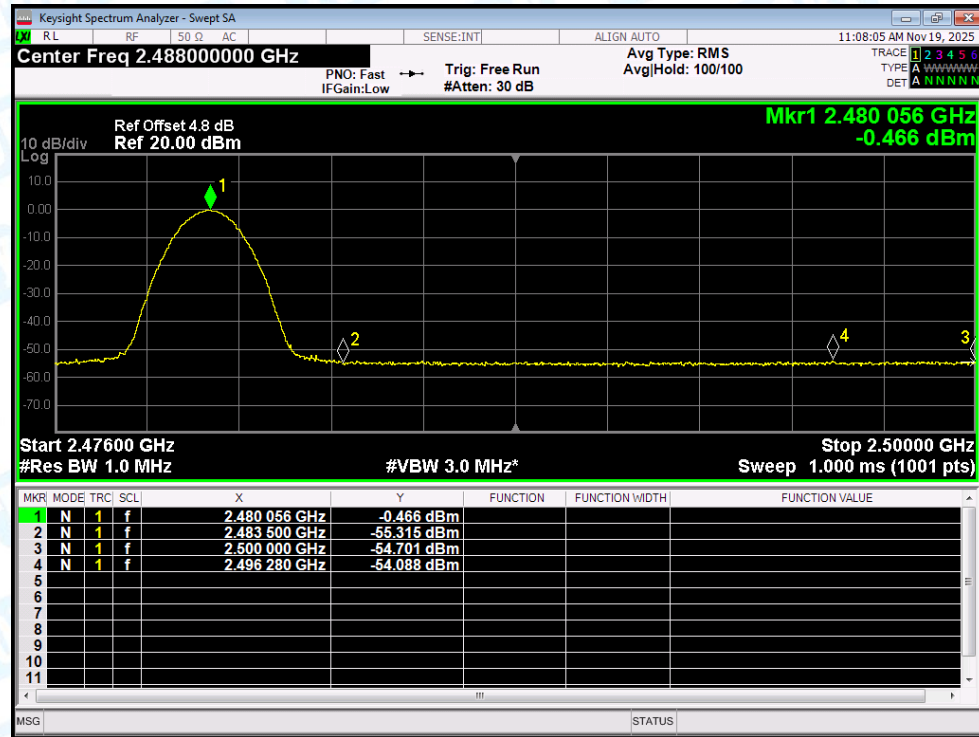
#### Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



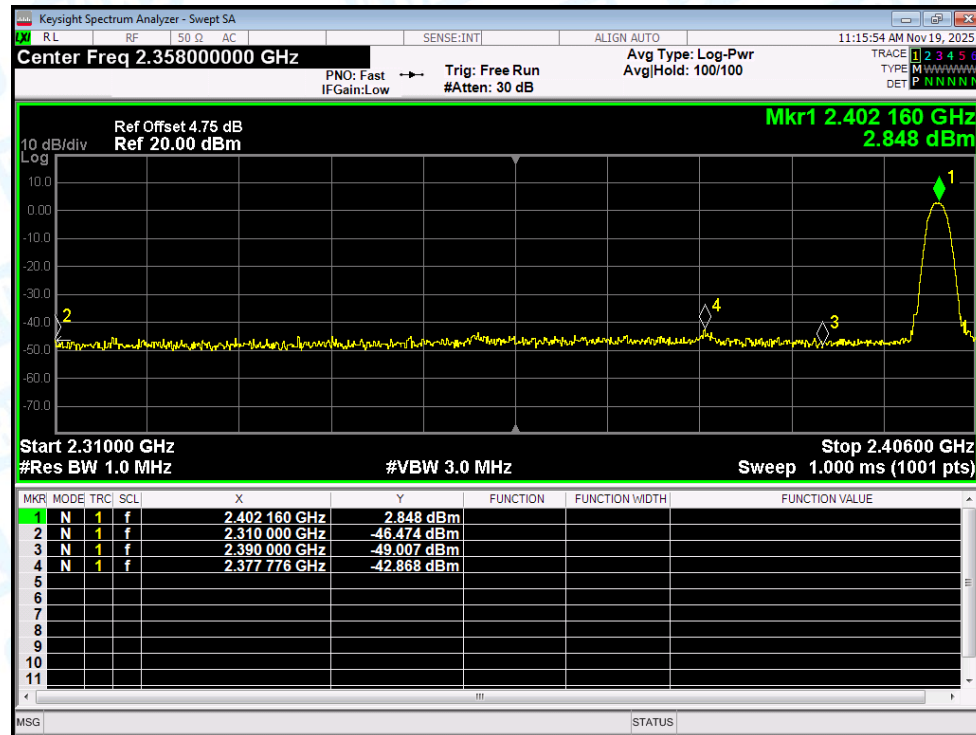
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



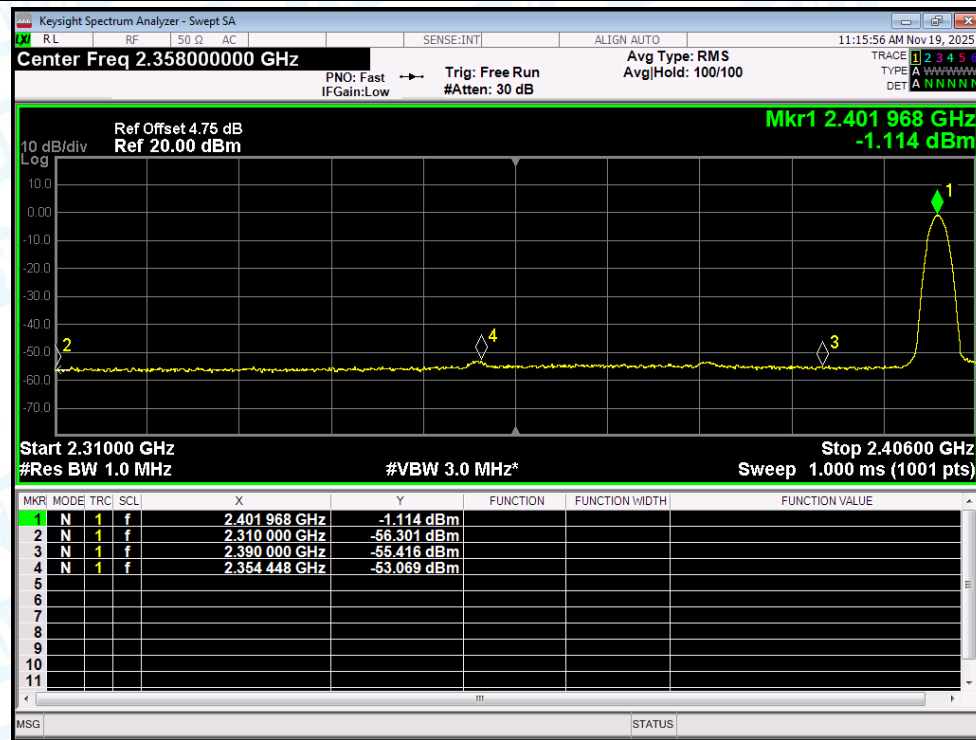
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



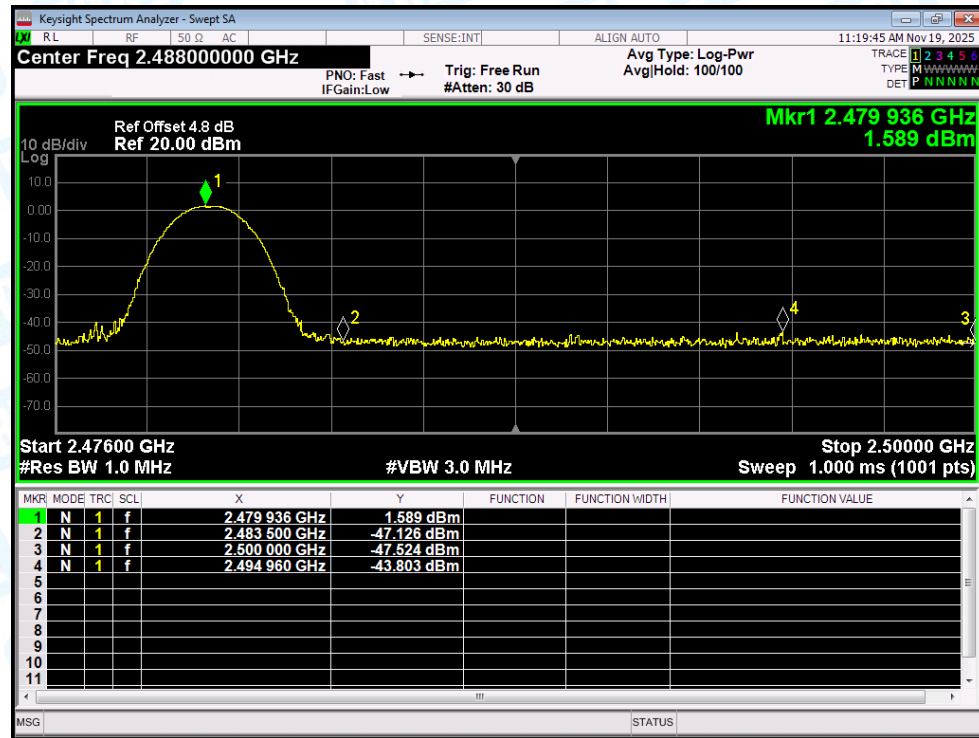
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



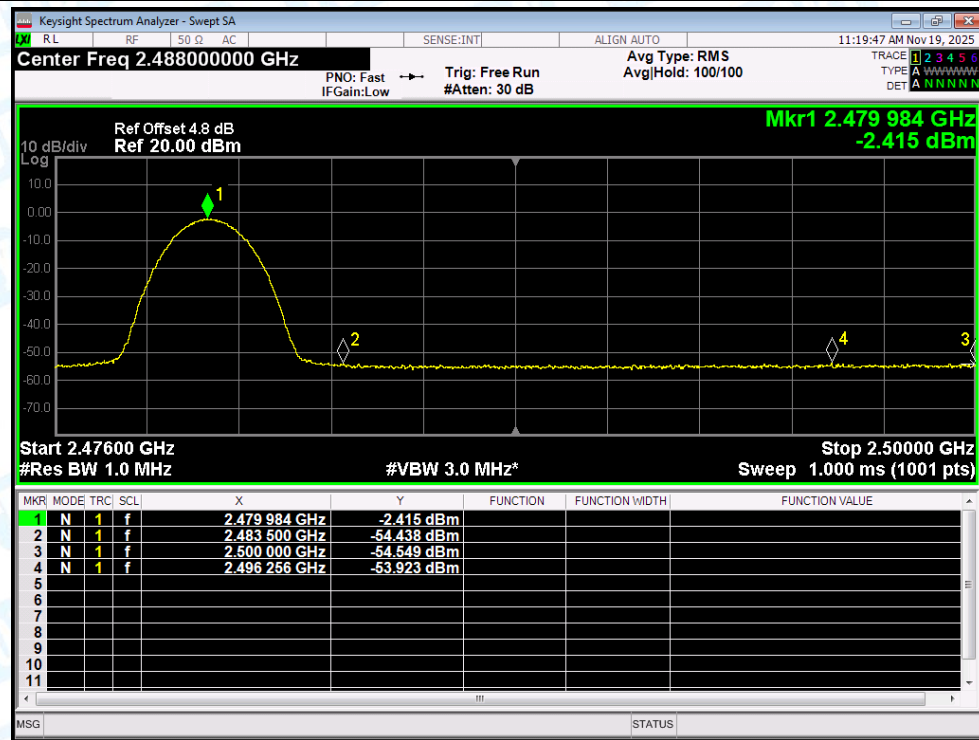
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



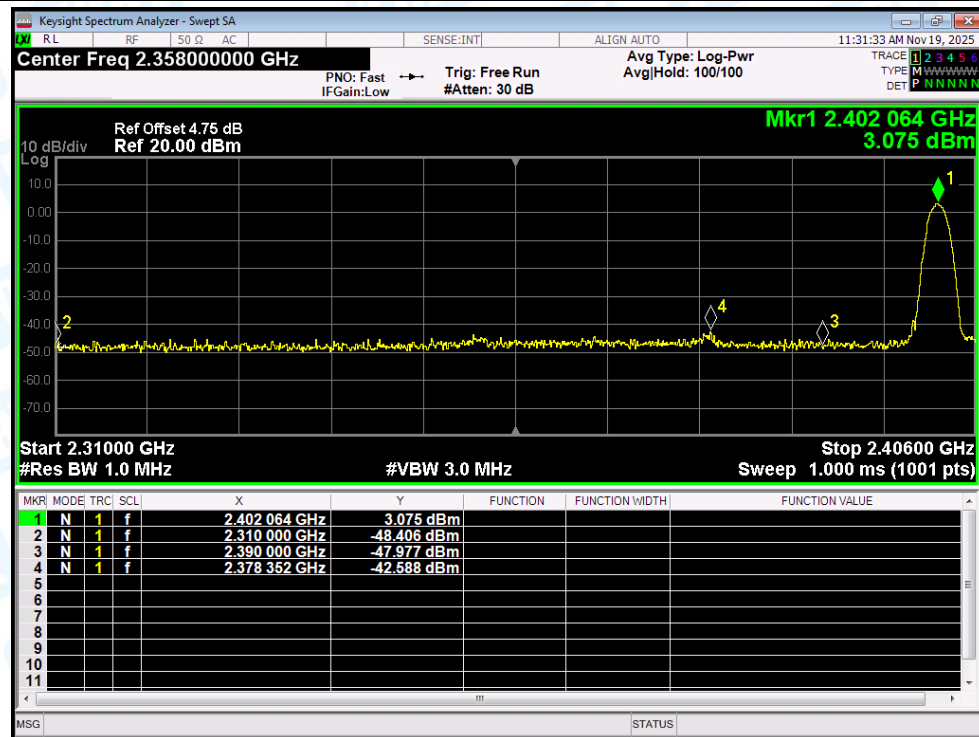
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



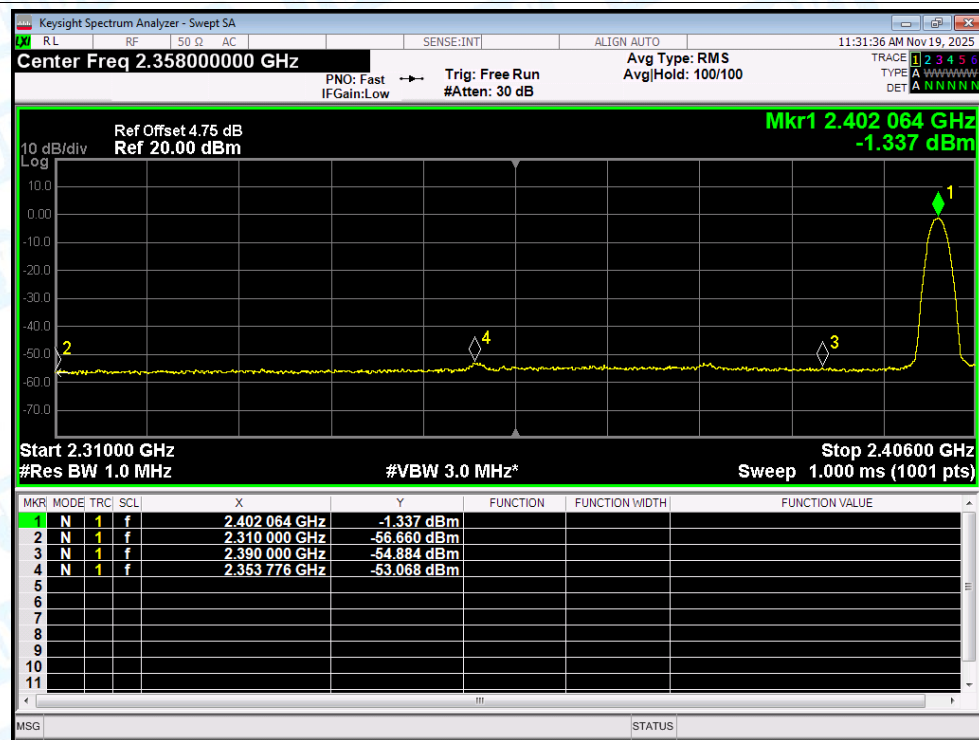
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



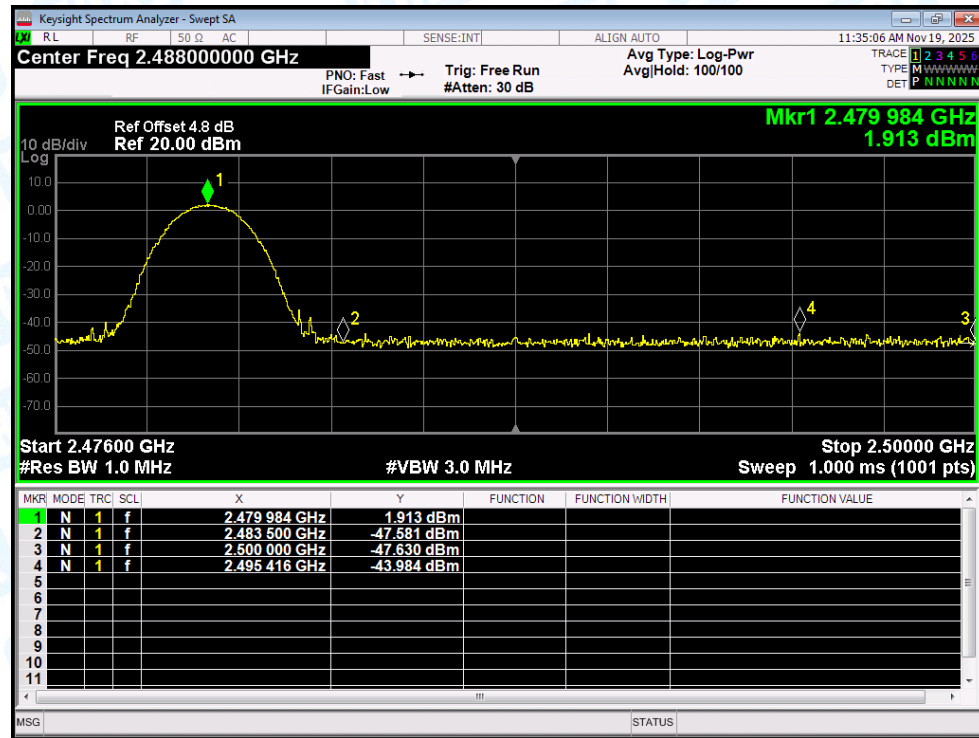
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



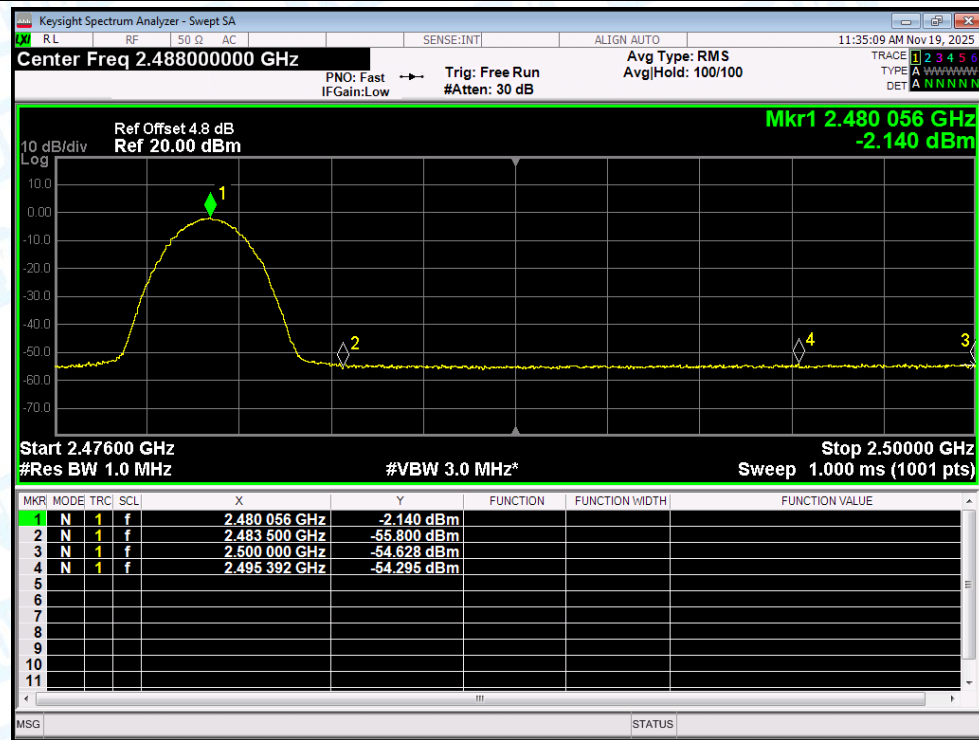
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average

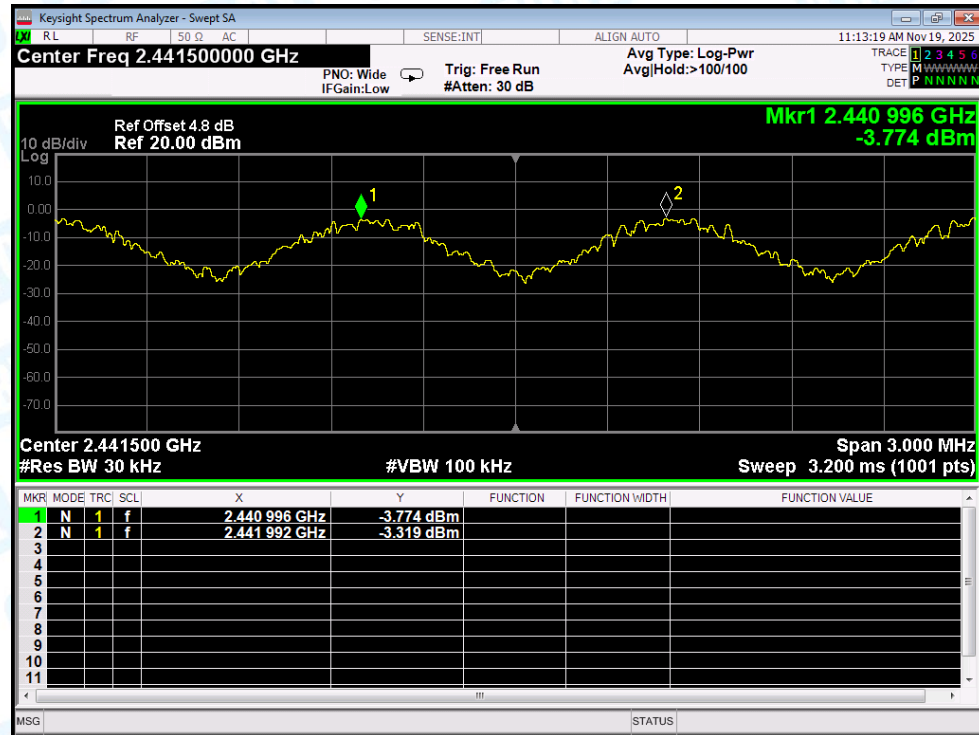


## 10.Carrier Frequencies Separation

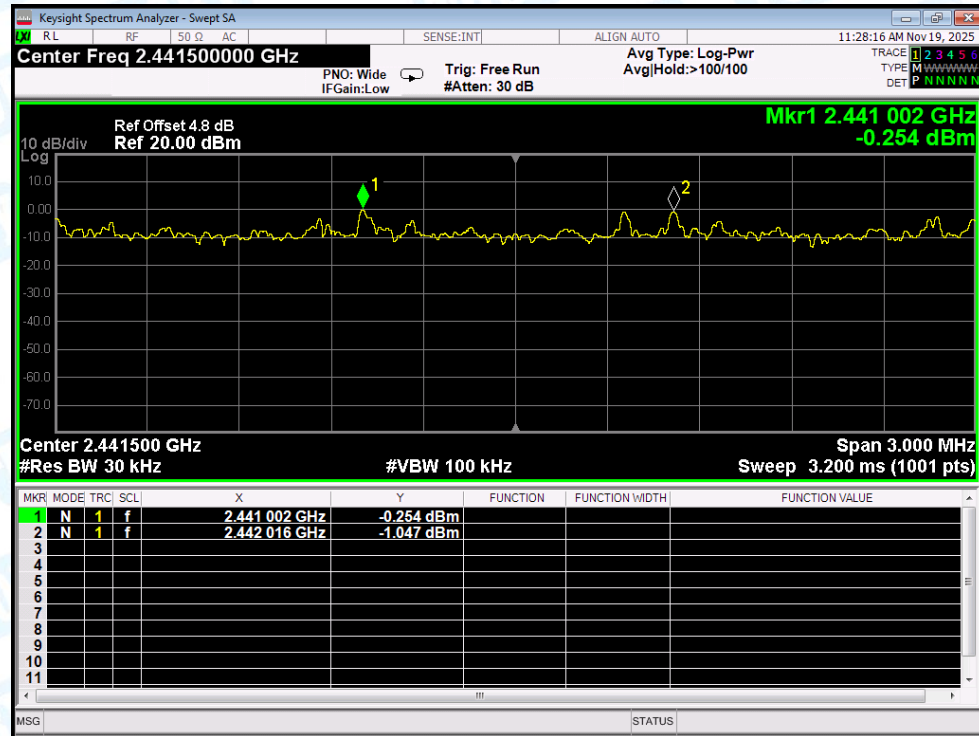
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2440.996            | 2441.992            | 0.996     | 0.025       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2441.002            | 2442.016            | 1.014     | 0.853       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2440.849            | 2442.013            | 1.164     | 0.867       | Pass    |

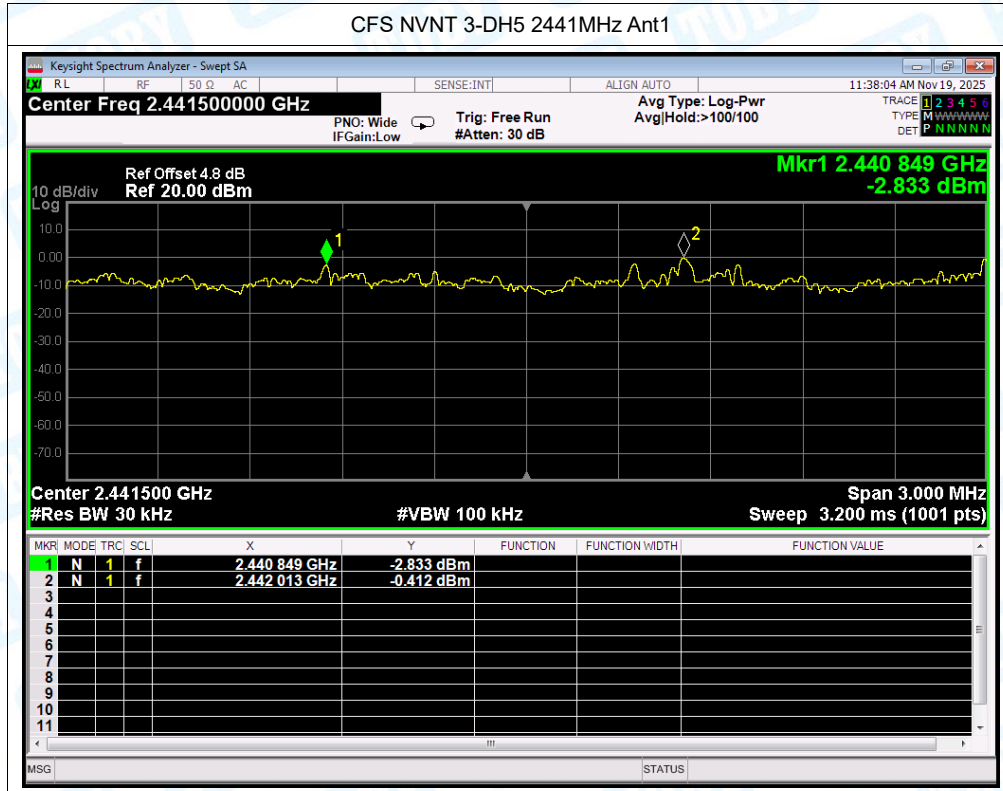
### Test Graphs

#### CFS NVNT 1-DH5 2441MHz Ant1



#### CFS NVNT 2-DH5 2441MHz Ant1



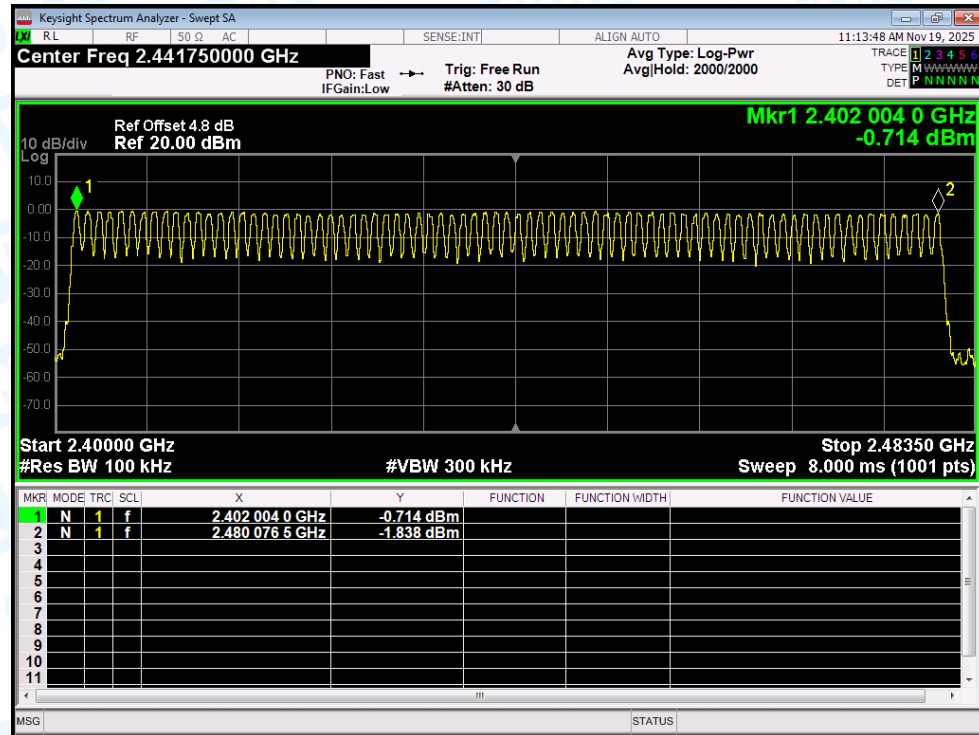


## 11.Number of Hopping Channel

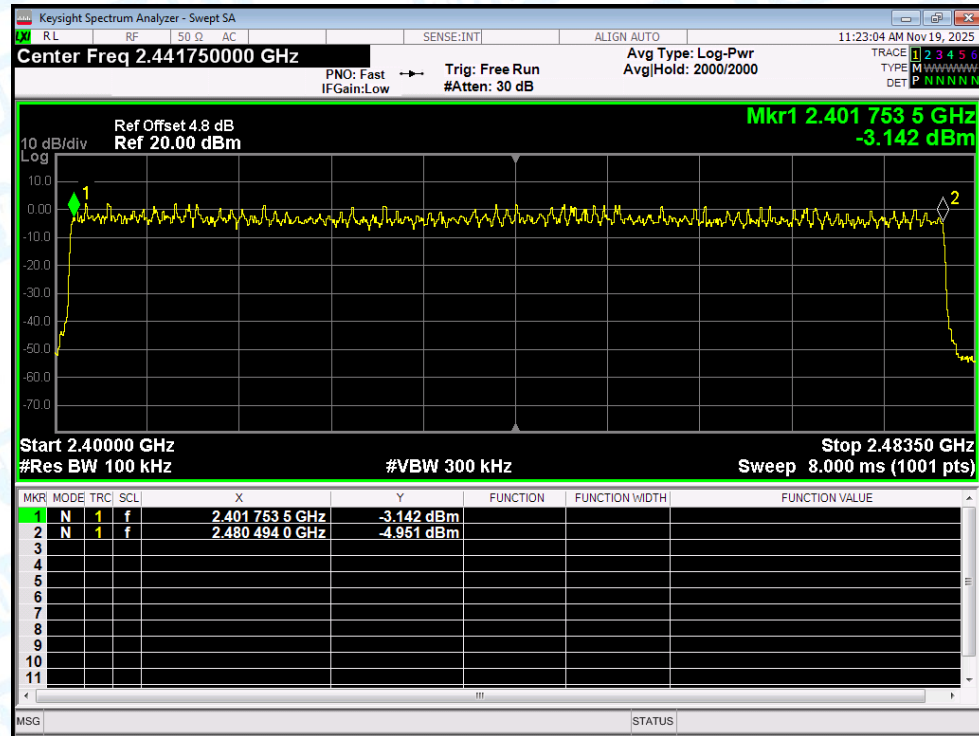
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79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

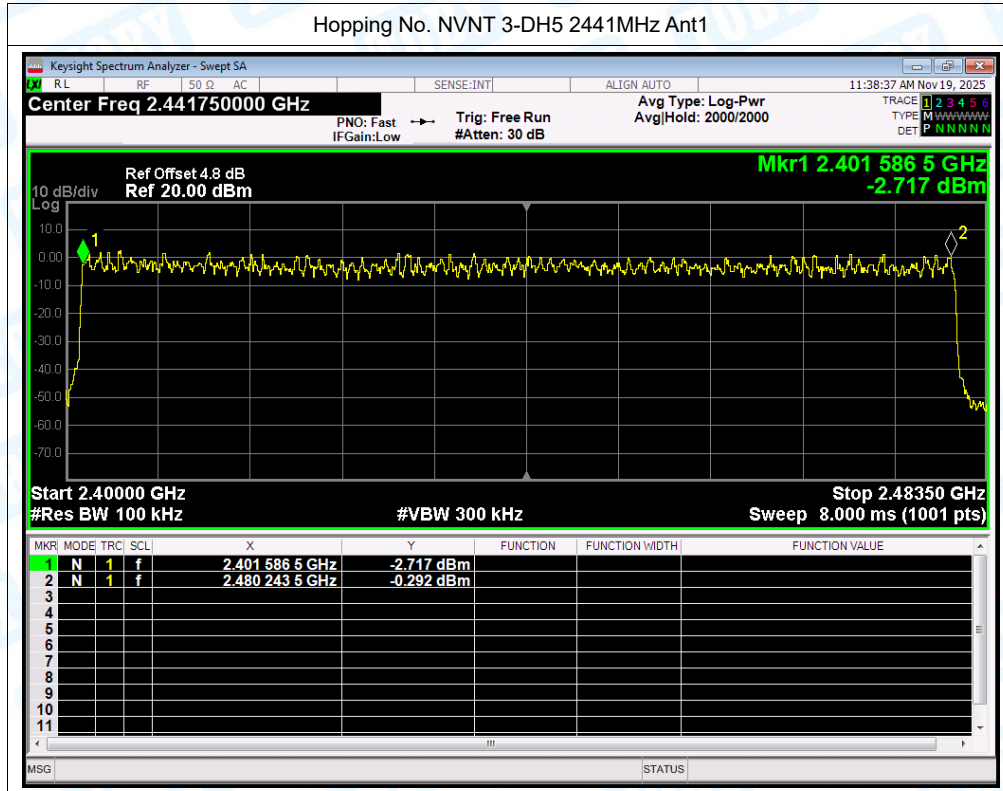
### Test Graphs

Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1





-----END OF REPORT-----