

# RF Test Data for Bluetooth (Conducted Measurements)

| General Description of EUT                                                                                                                  |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Product Name:                                                                                                                               | Bone conduction earphone |
| Test Model:                                                                                                                                 | S800Pro                  |
| Sample ID:                                                                                                                                  | HC-C-202502-0103-01-01   |
| Environmental Conditions                                                                                                                    |                          |
| Temperature:                                                                                                                                | 23.6℃                    |
| Relative Humidity:                                                                                                                          | 52.4%                    |
| Test Voltage:                                                                                                                               | DC 3.8V                  |
| Test Engineer:                                                                                                                              | Lily zhang               |
| Note: For a more detailed features description, please refer to the report TBR-C-202502-0103-2<br>The report only show the worst case data. |                          |

## Contents

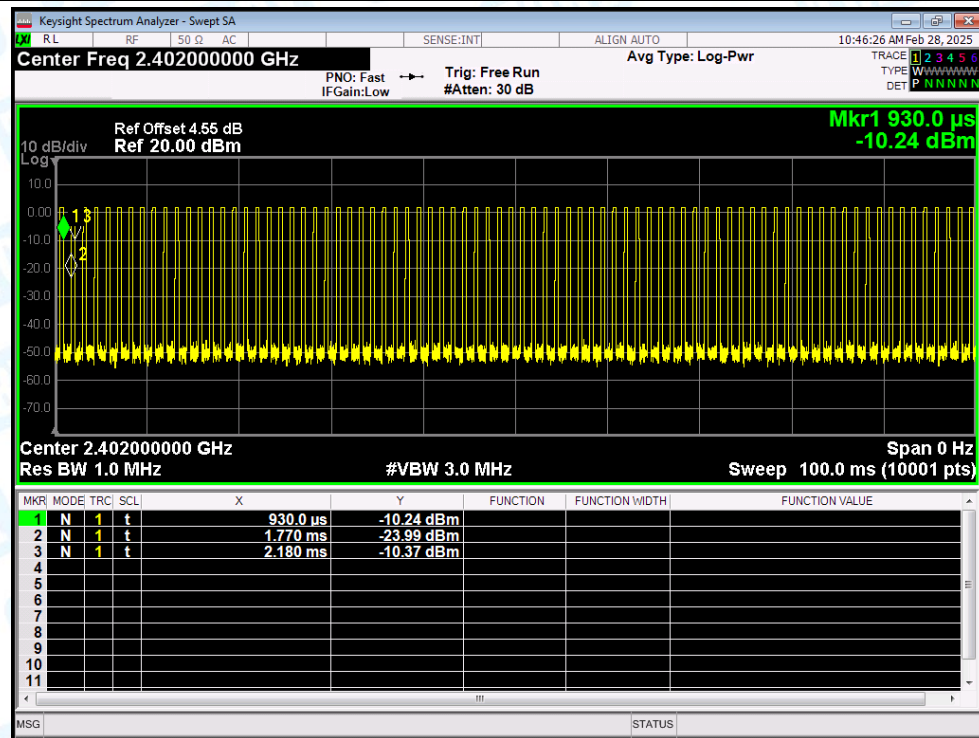
|     |                                      |    |
|-----|--------------------------------------|----|
| 1.  | Duty Cycle .....                     | 3  |
| 2.  | Maximum Conducted Output Power ..... | 9  |
| 3.  | Occupied Channel Bandwidth .....     | 21 |
| 4.  | Band Edge .....                      | 27 |
| 5.  | Band Edge(Hopping) .....             | 34 |
| 6.  | Conducted RF Spurious Emission ..... | 41 |
| 7.  | Restrict Band .....                  | 51 |
| 8.  | Carrier Frequencies Separation ..... | 58 |
| 9.  | Number of Hopping Channel .....      | 61 |
| 10. | Dwell Time .....                     | 64 |

## 1. Duty Cycle

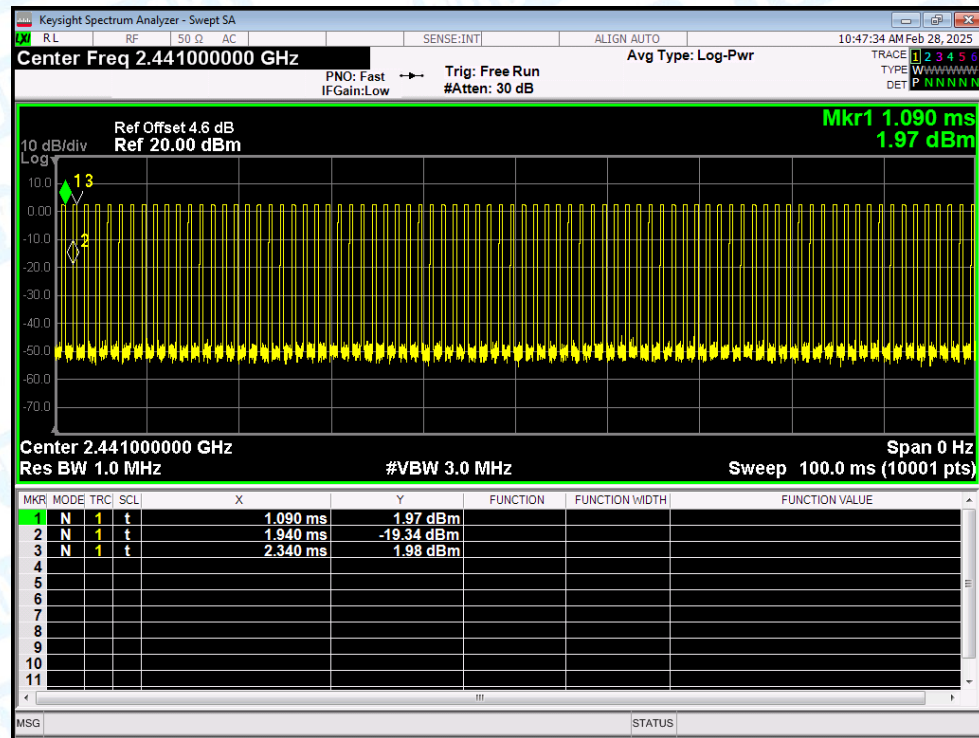
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 1-DH1 | 2441            | Ant1    | 32             | 4.95                   | 2.5       |
| NVNT      | 1-DH1 | 2480            | Ant1    | 32             | 4.95                   | 2.5       |
| NVNT      | 2-DH1 | 2402            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 2-DH1 | 2441            | Ant1    | 33.6           | 4.74                   | 2.38      |
| NVNT      | 2-DH1 | 2480            | Ant1    | 33.6           | 4.74                   | 2.38      |
| NVNT      | 3-DH1 | 2402            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 3-DH1 | 2441            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 3-DH1 | 2480            | Ant1    | 33.6           | 4.74                   | 2.38      |

### Test Graphs

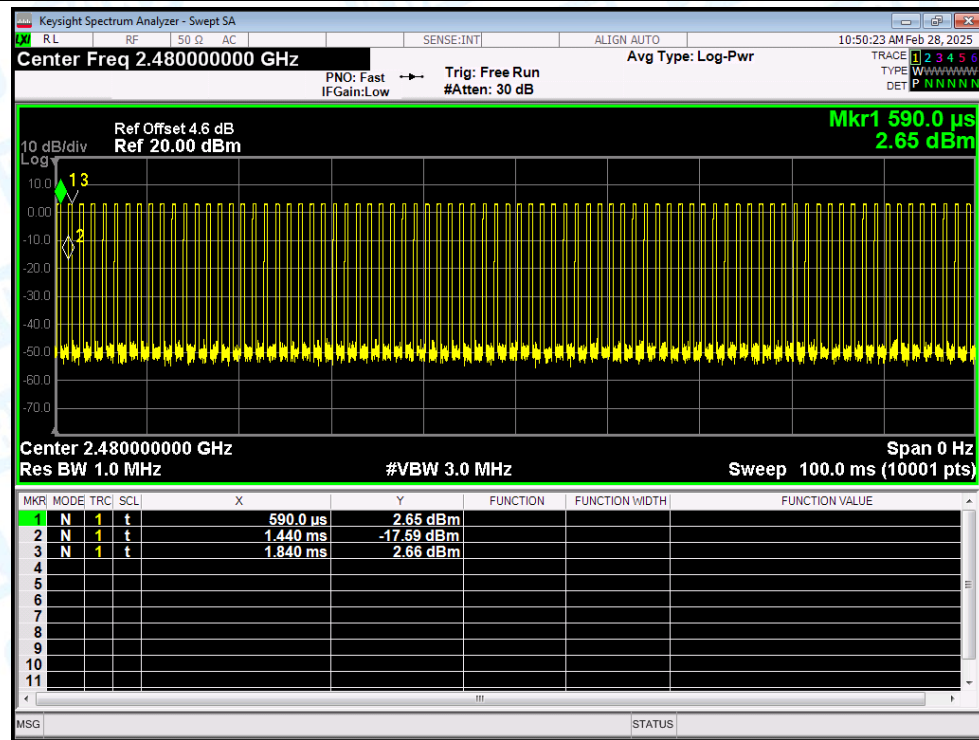
#### Duty Cycle NVNT 1-DH1 2402MHz Ant1



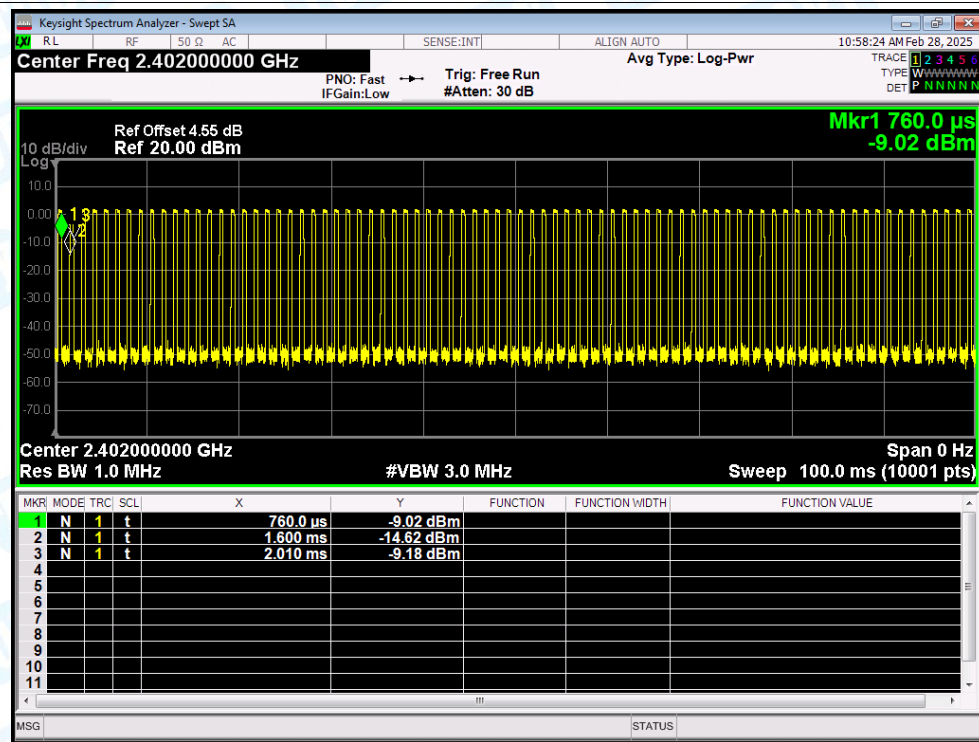
#### Duty Cycle NVNT 1-DH1 2441MHz Ant1



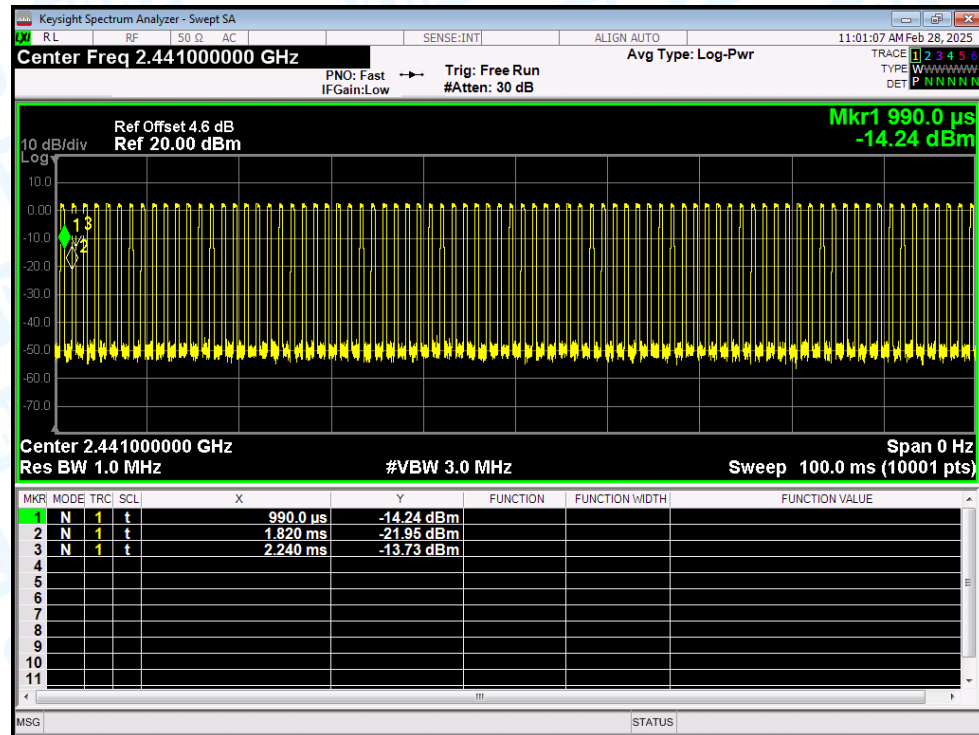
### Duty Cycle NVNT 1-DH1 2480MHz Ant1



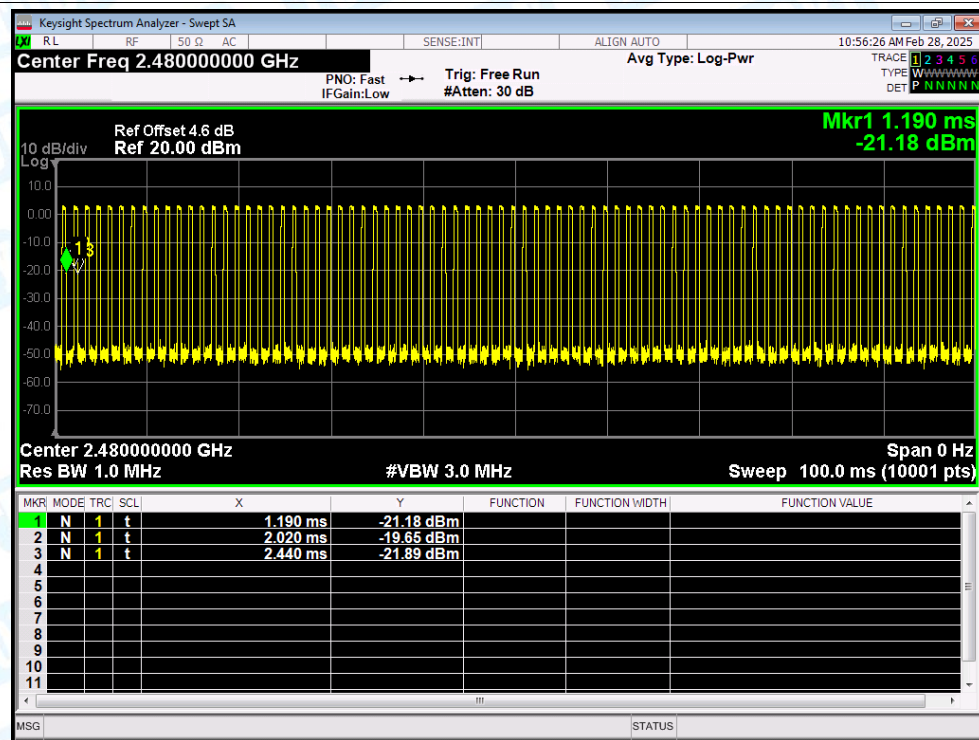
### Duty Cycle NVNT 2-DH1 2402MHz Ant1



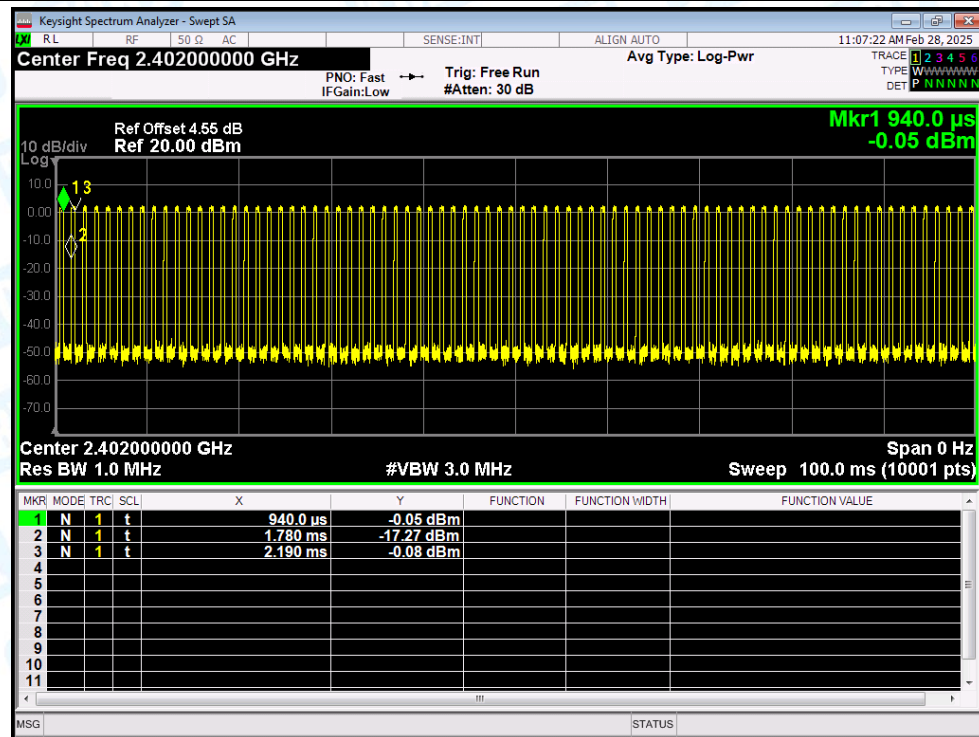
### Duty Cycle NVNT 2-DH1 2441MHz Ant1



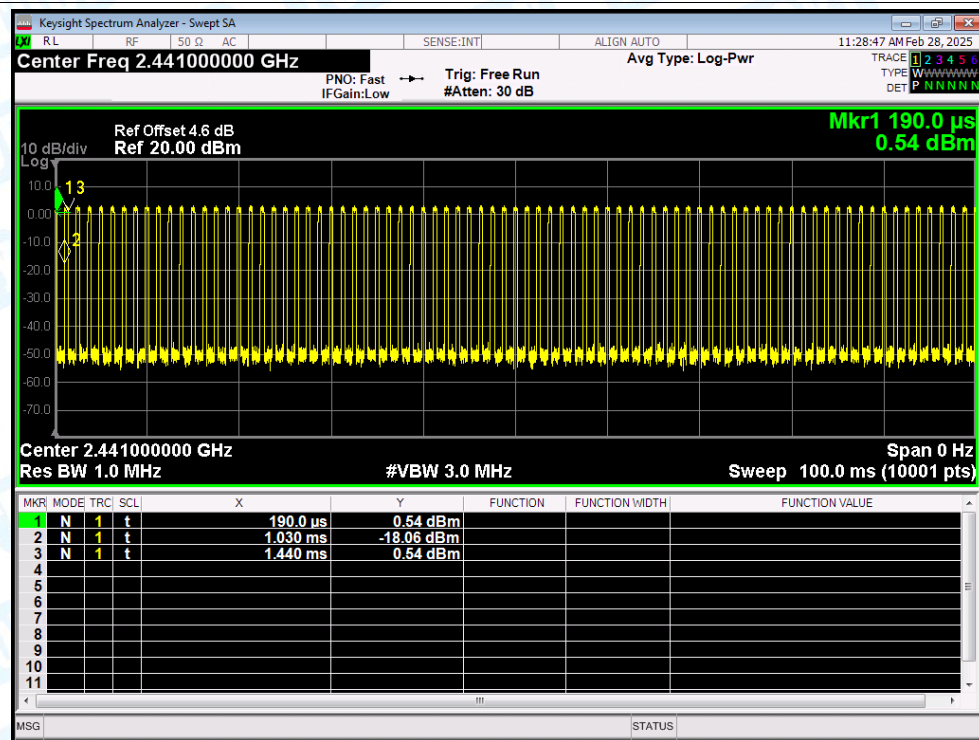
### Duty Cycle NVNT 2-DH1 2480MHz Ant1

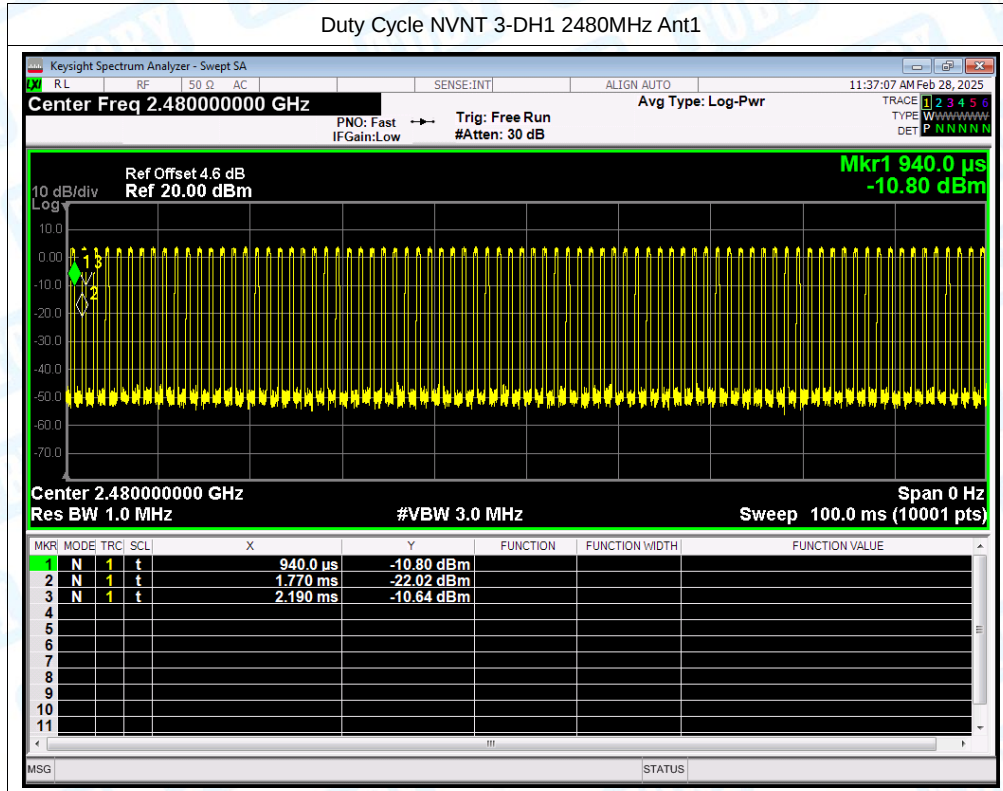


### Duty Cycle NVNT 3-DH1 2402MHz Ant1



### Duty Cycle NVNT 3-DH1 2441MHz Ant1



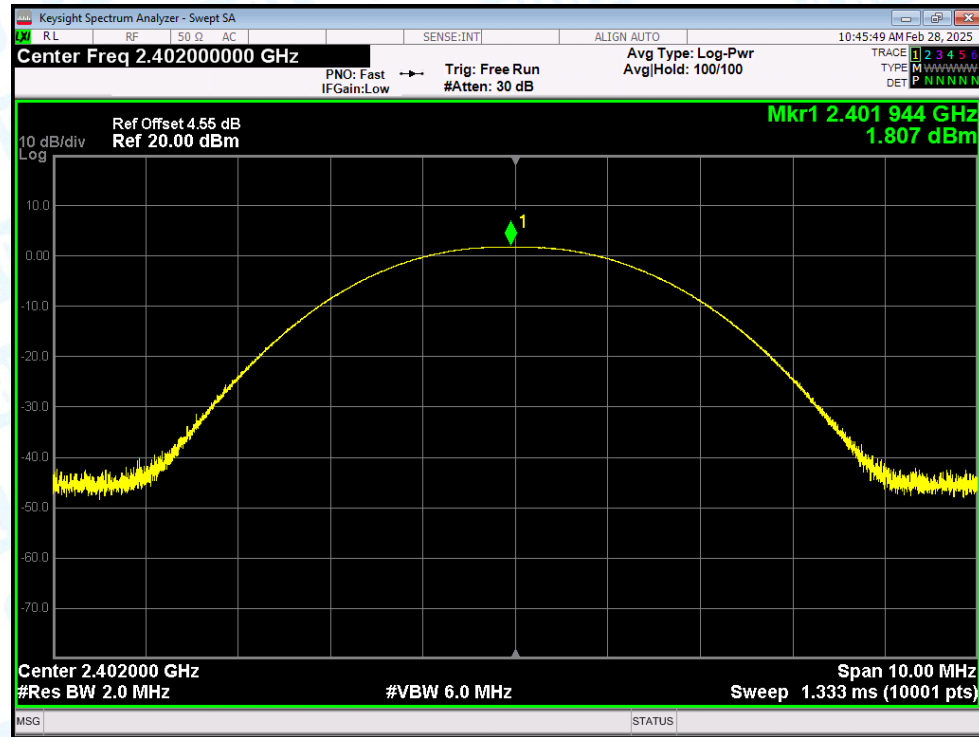


## 2. Maximum Conducted Output Power

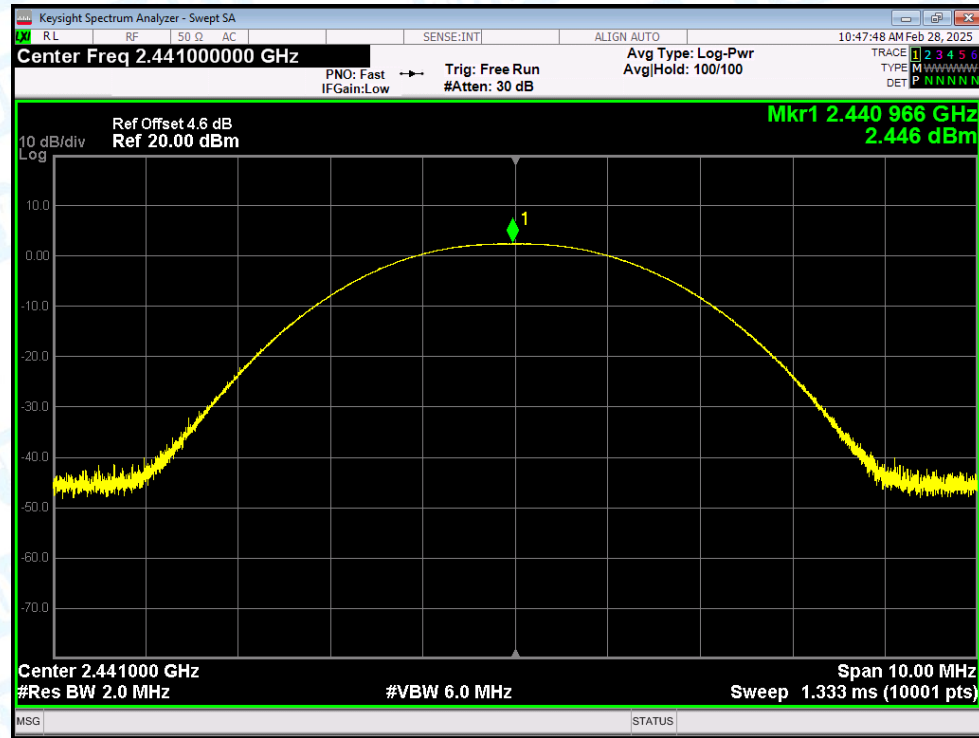
| Condition | Mode  | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 1.807             | 21          | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 2.446             | 21          | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 3.104             | 21          | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 2.21              | 21          | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 2.791             | 21          | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 3.45              | 21          | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 2.853             | 21          | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 3.485             | 21          | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 4.066             | 21          | Pass    |

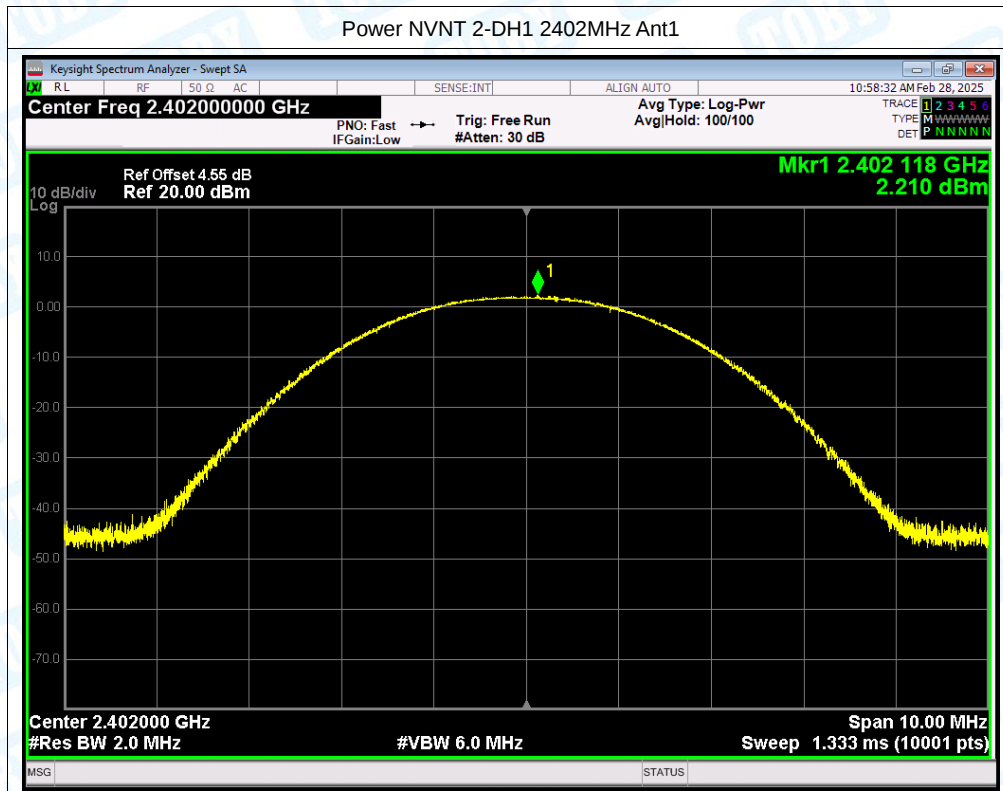
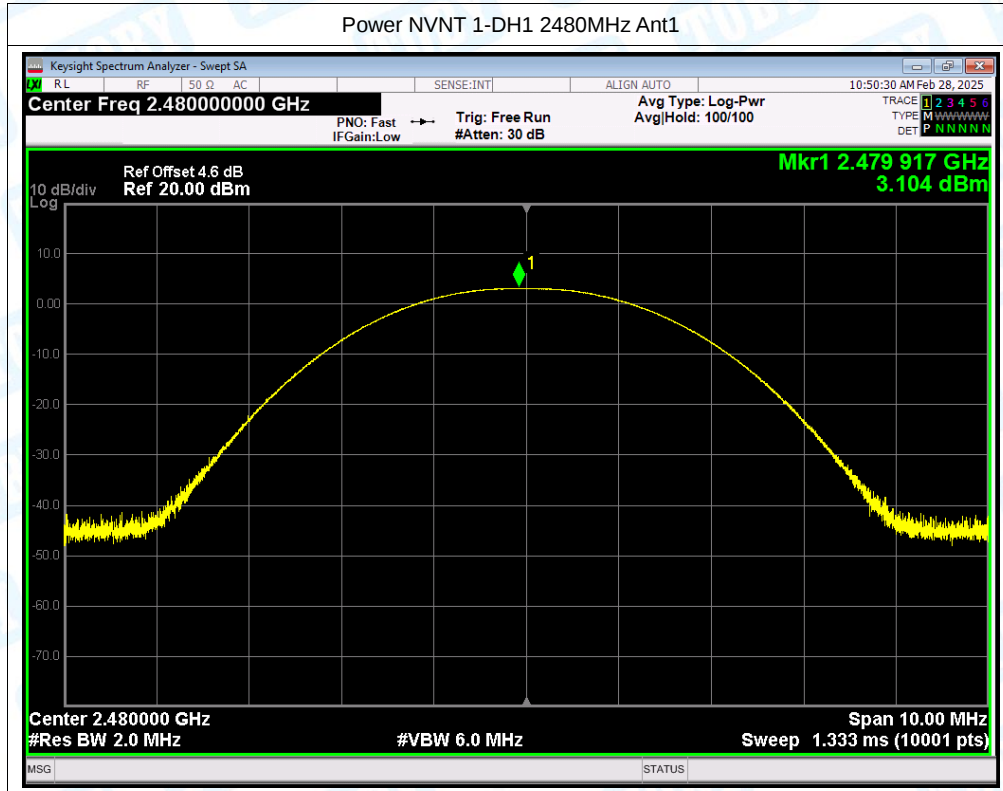
### Test Graphs

Power NVNT 1-DH1 2402MHz Ant1

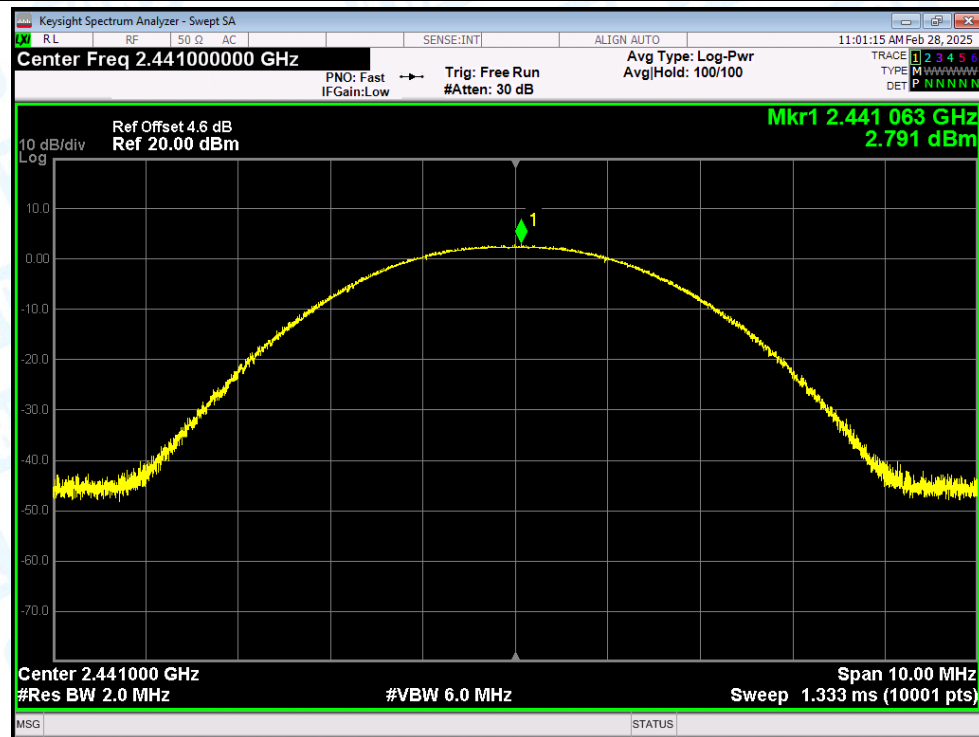


Power NVNT 1-DH1 2441MHz Ant1

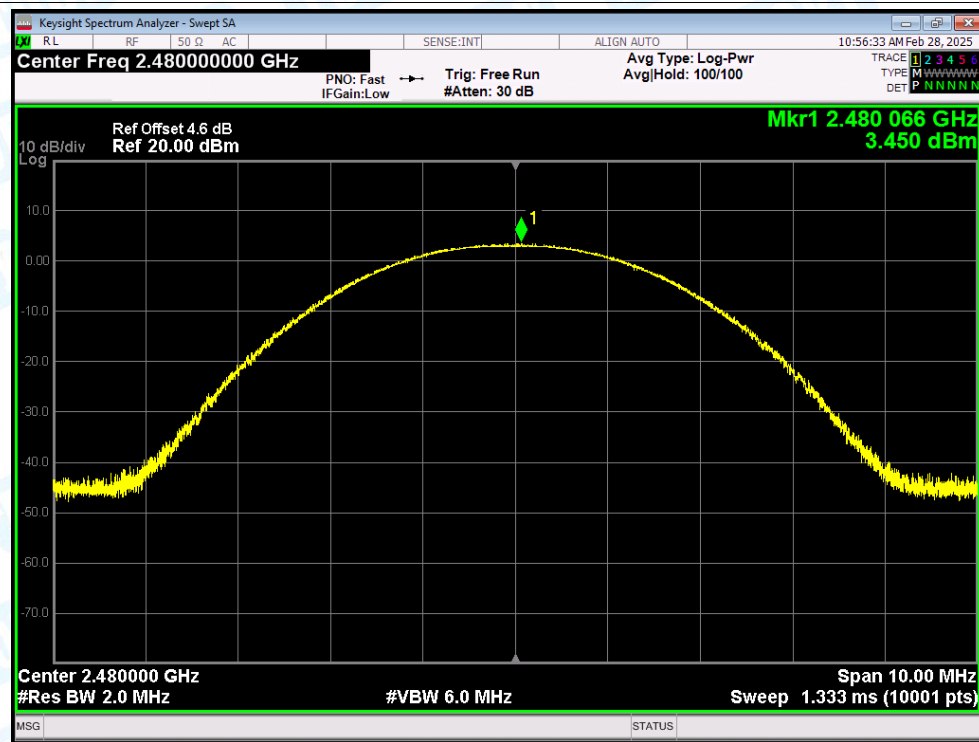




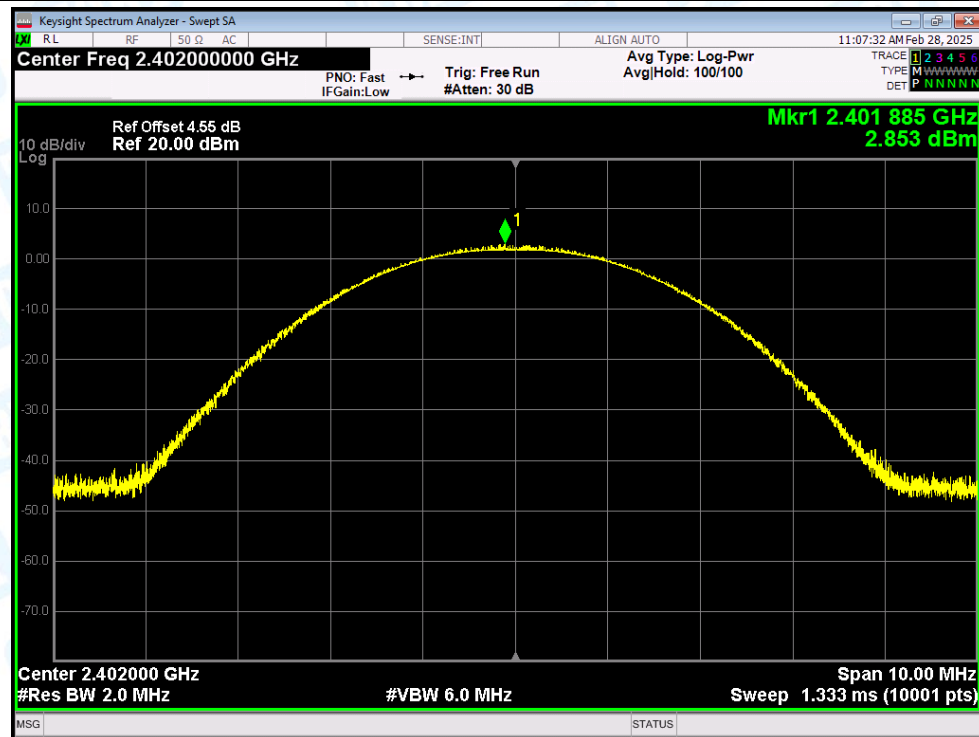
Power NVNT 2-DH1 2441MHz Ant1



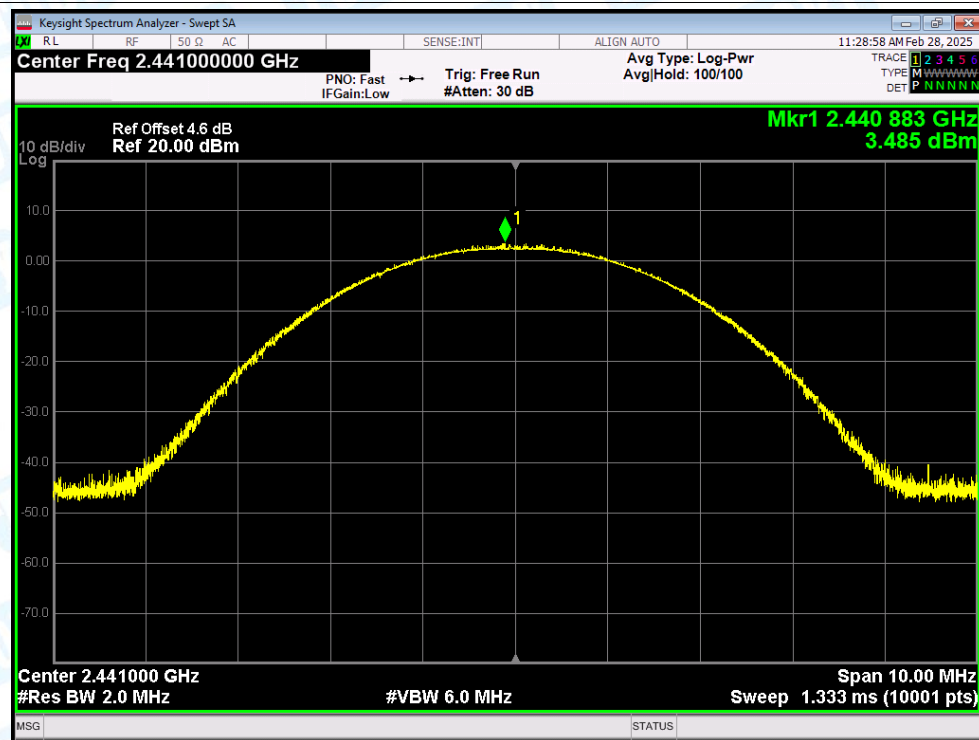
Power NVNT 2-DH1 2480MHz Ant1

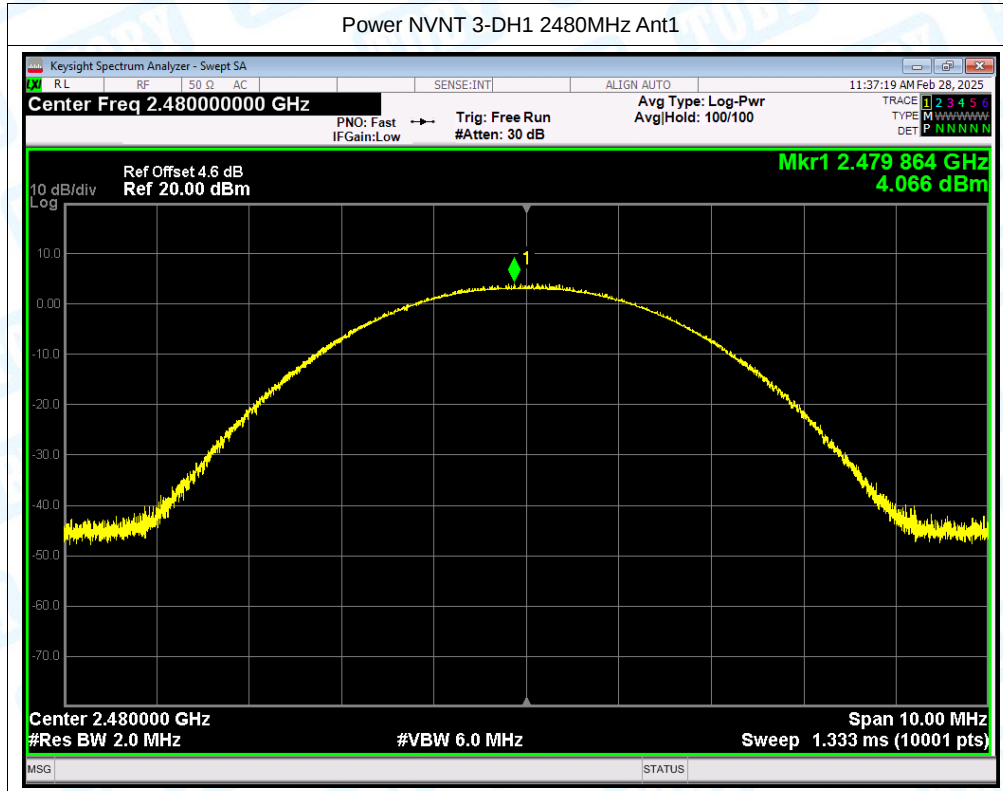


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



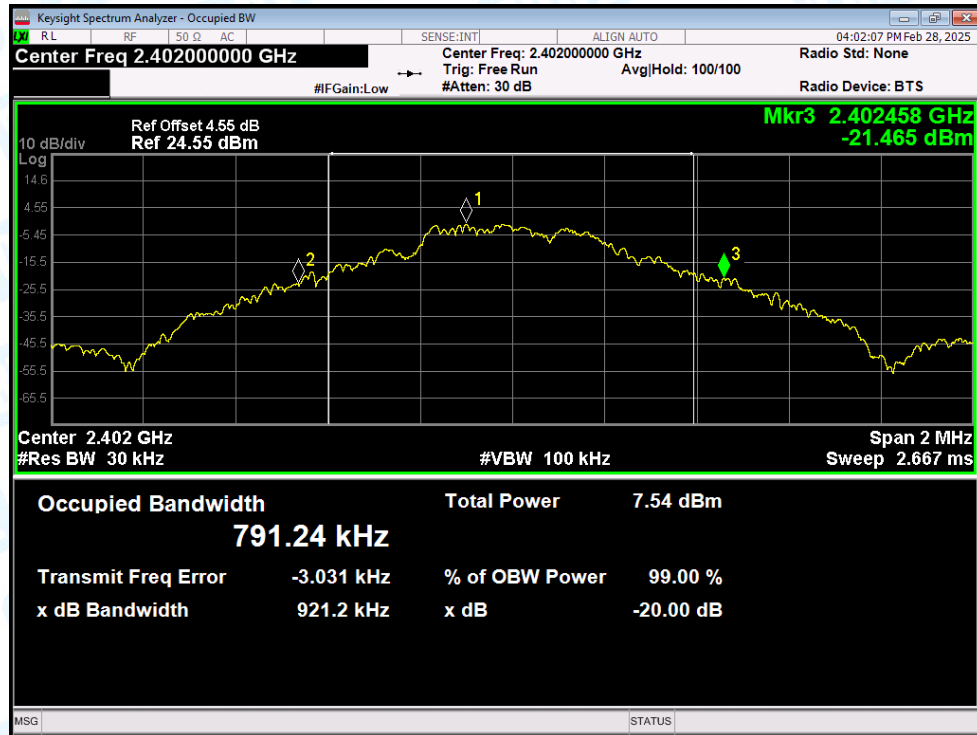


## -20dB Bandwidth

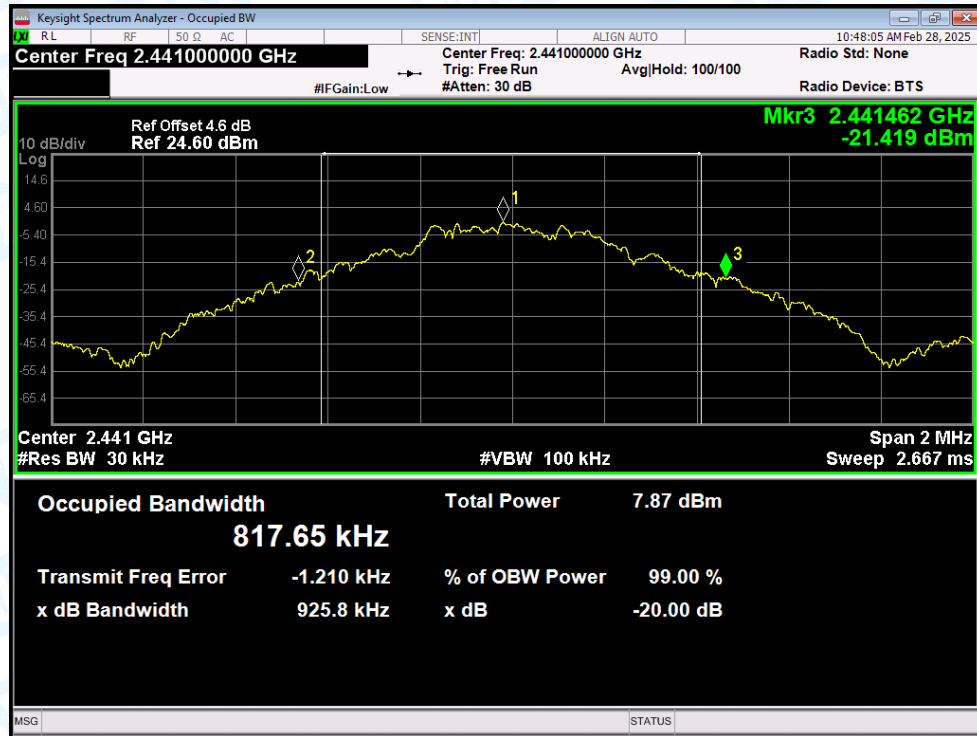
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.92                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.93                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.92                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.25                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.24                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.25                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.2                    | 0                            | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.21                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.2                    | 0                            | Pass    |

### Test Graphs

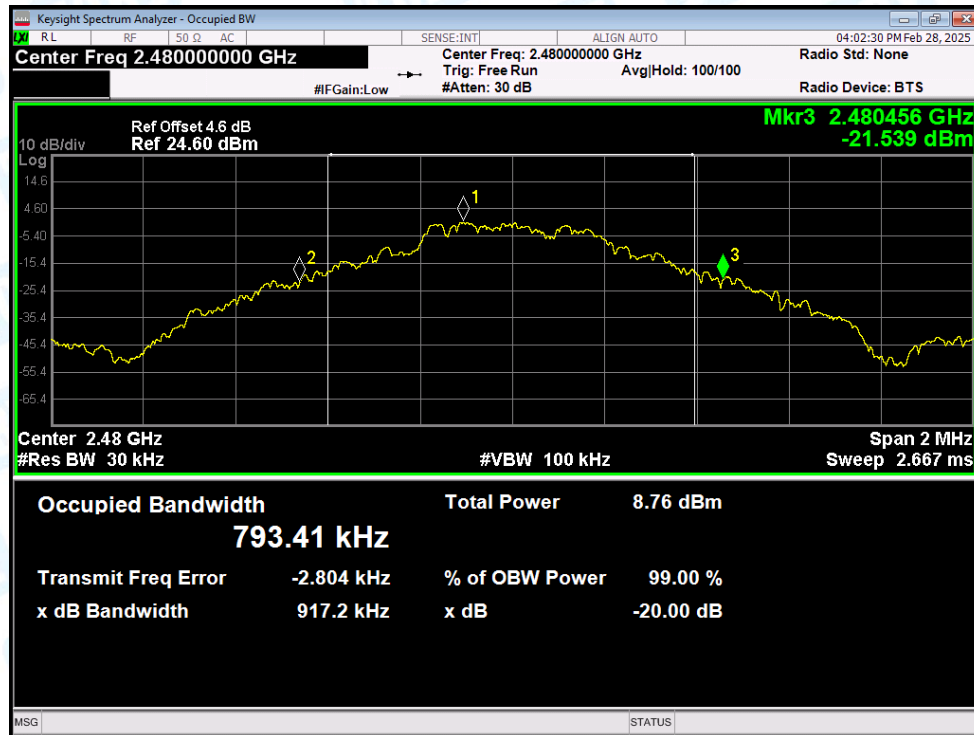
#### -20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



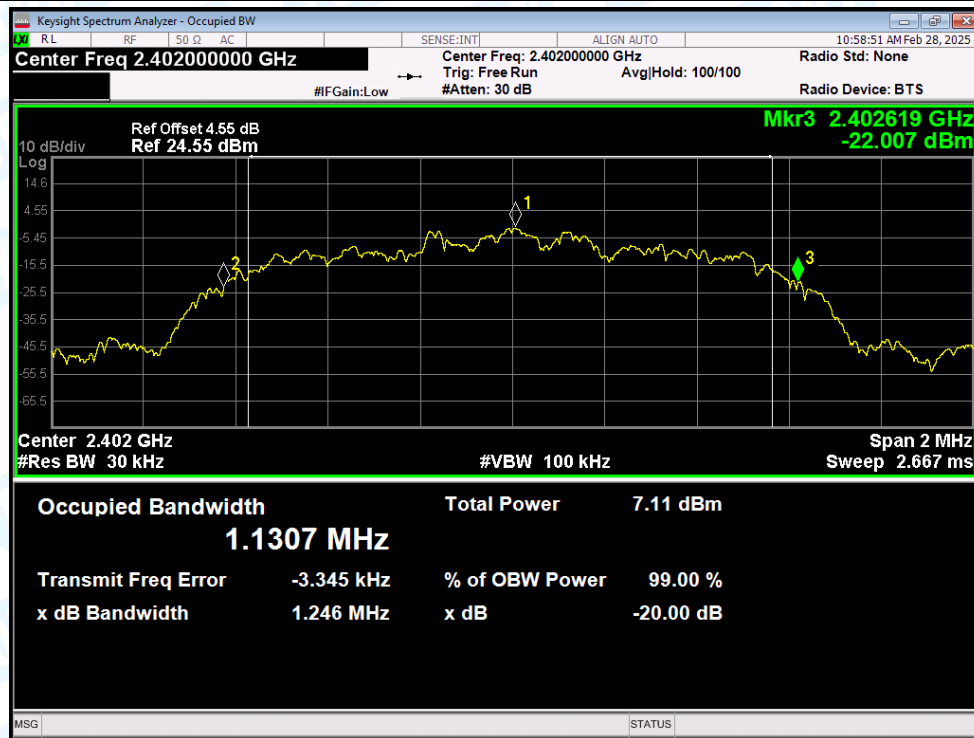
#### -20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



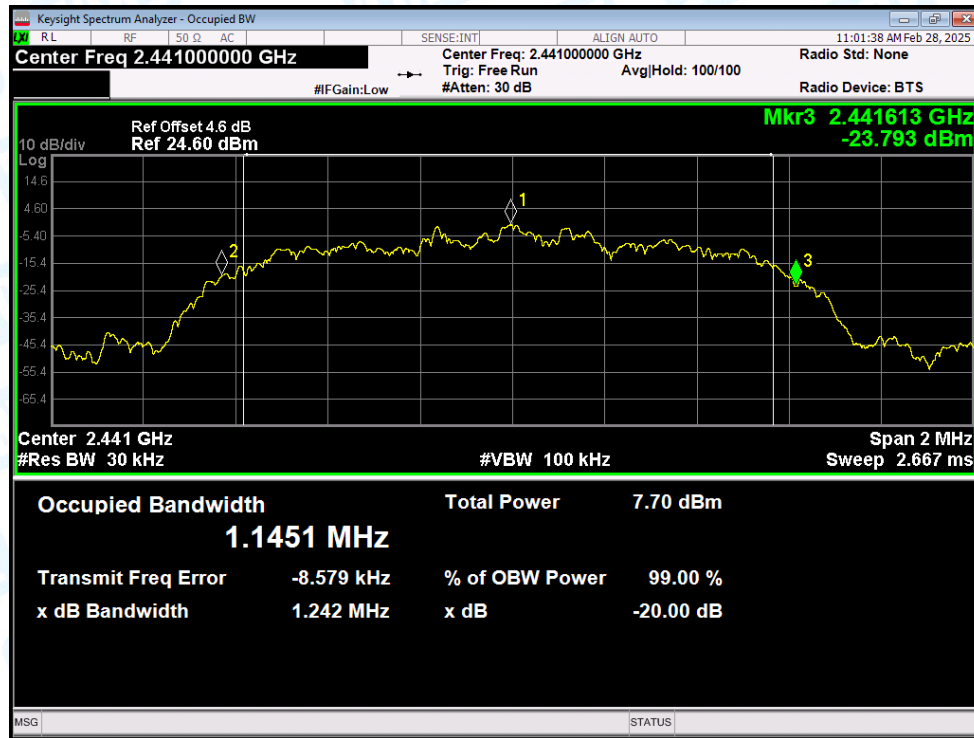
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



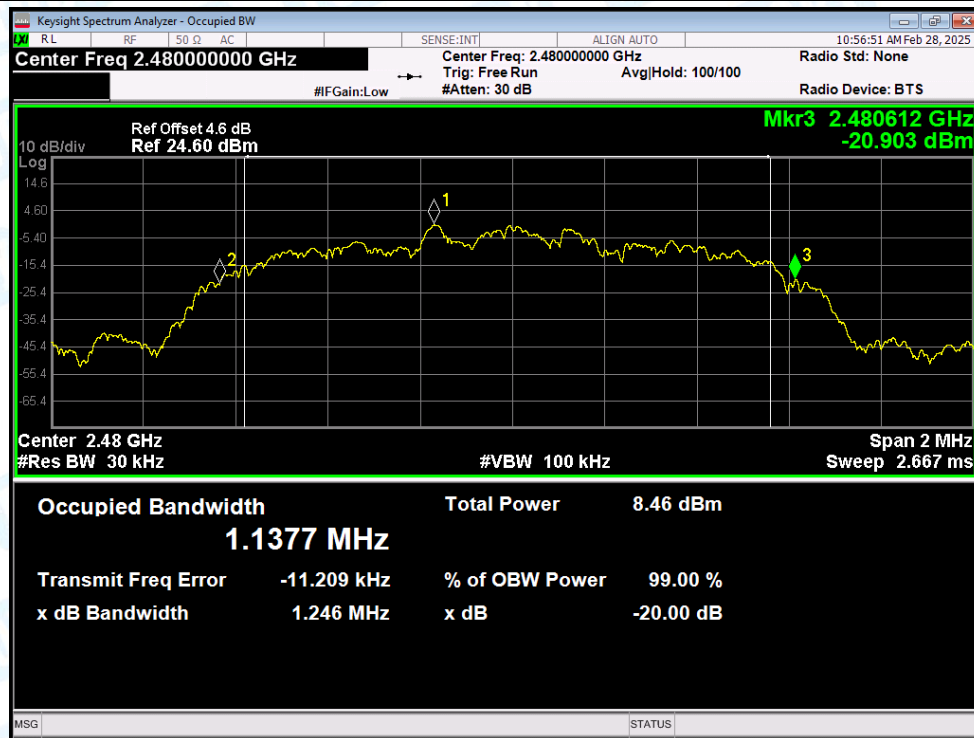
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



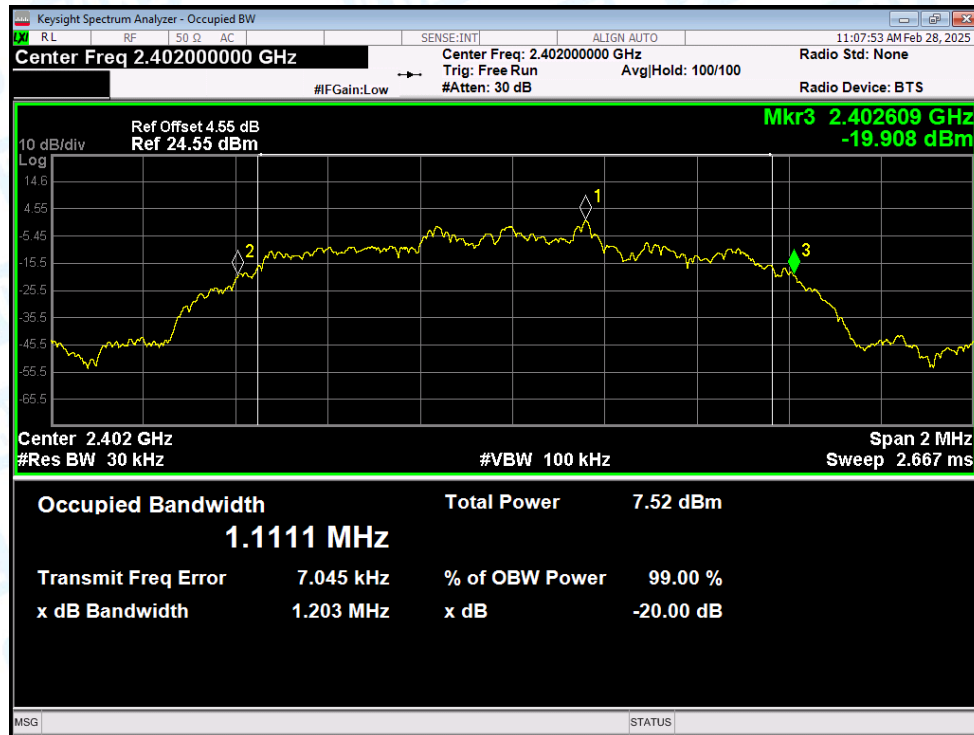
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



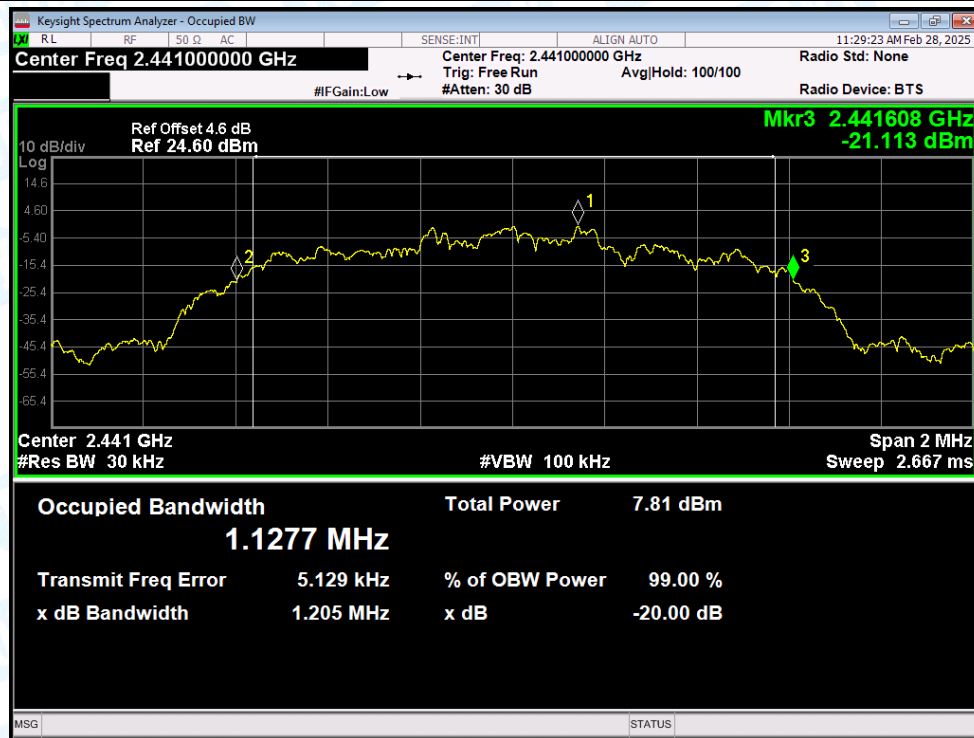
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

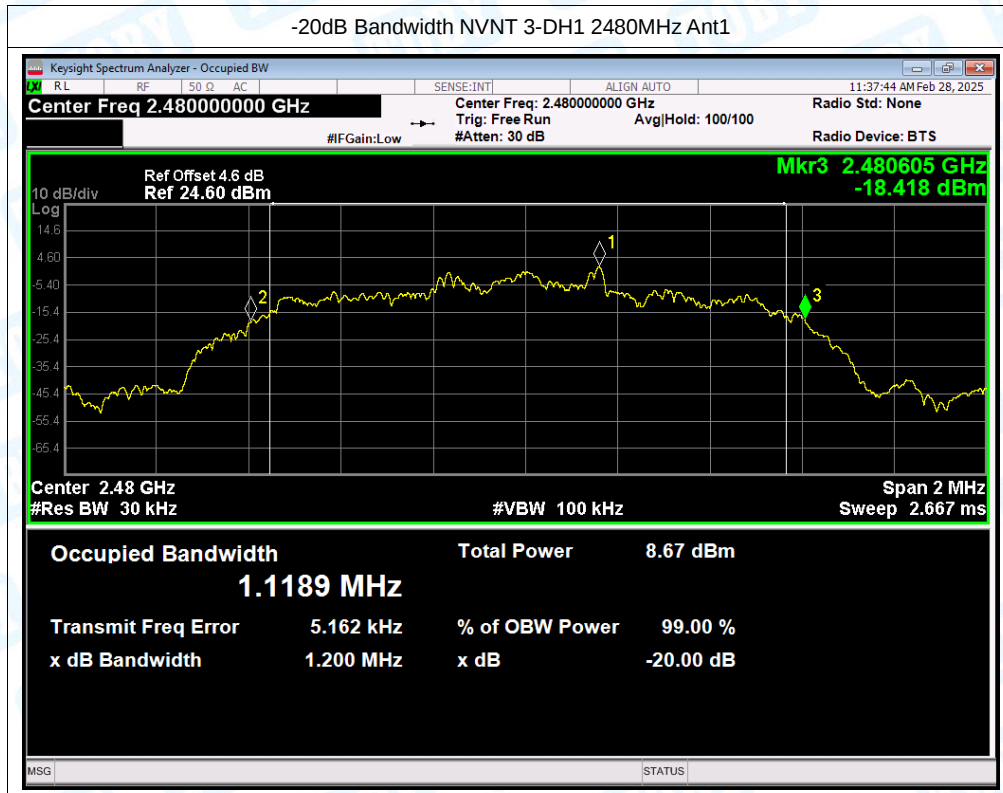


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



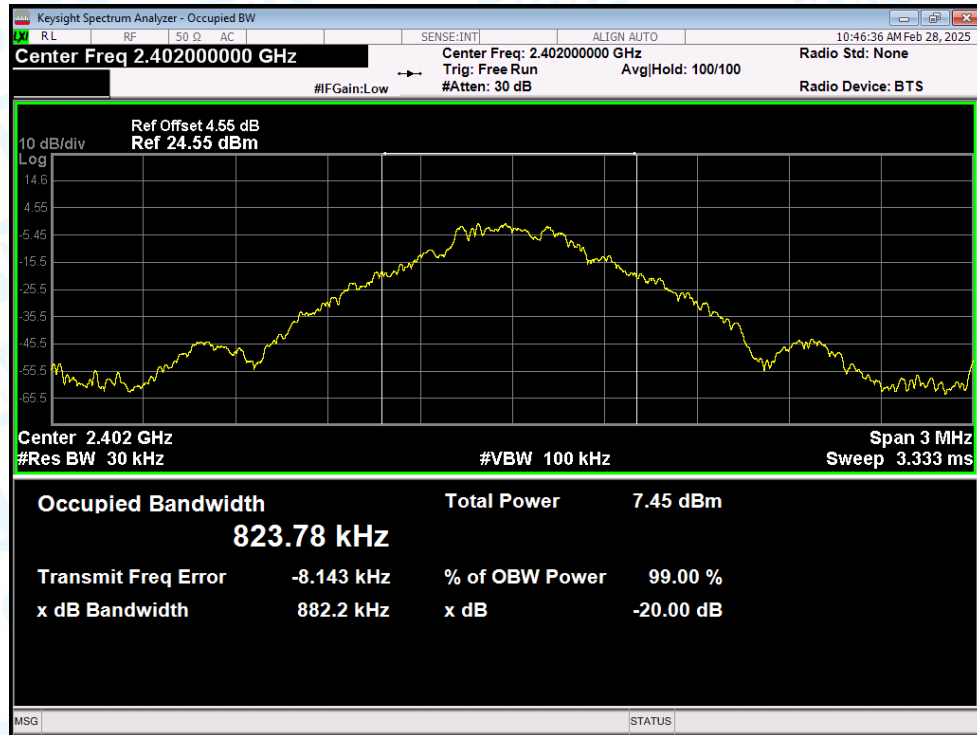


### 3. Occupied Channel Bandwidth

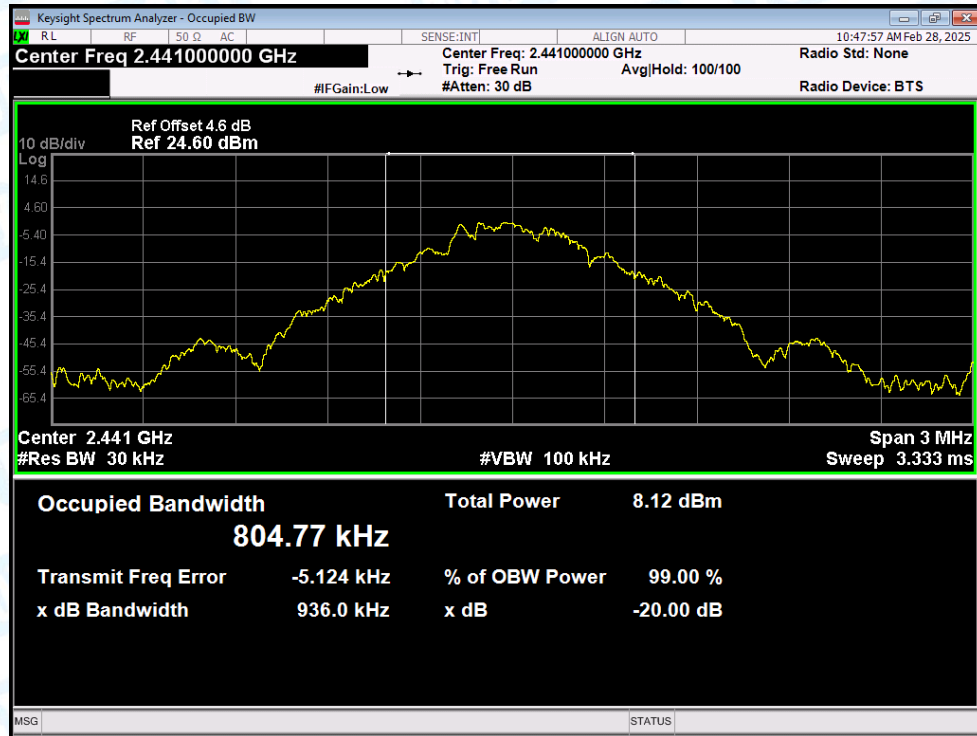
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.824         |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.805         |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.806         |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.147         |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.124         |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.153         |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.141         |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.132         |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.126         |

### Test Graphs

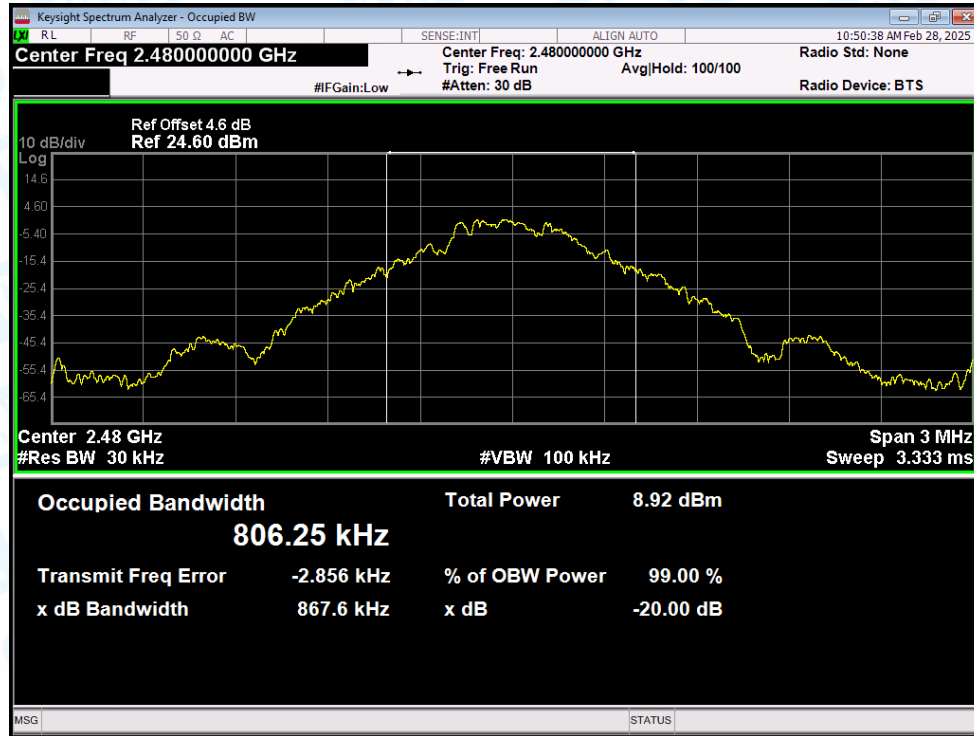
#### OBW NVNT 1-DH1 2402MHz Ant1



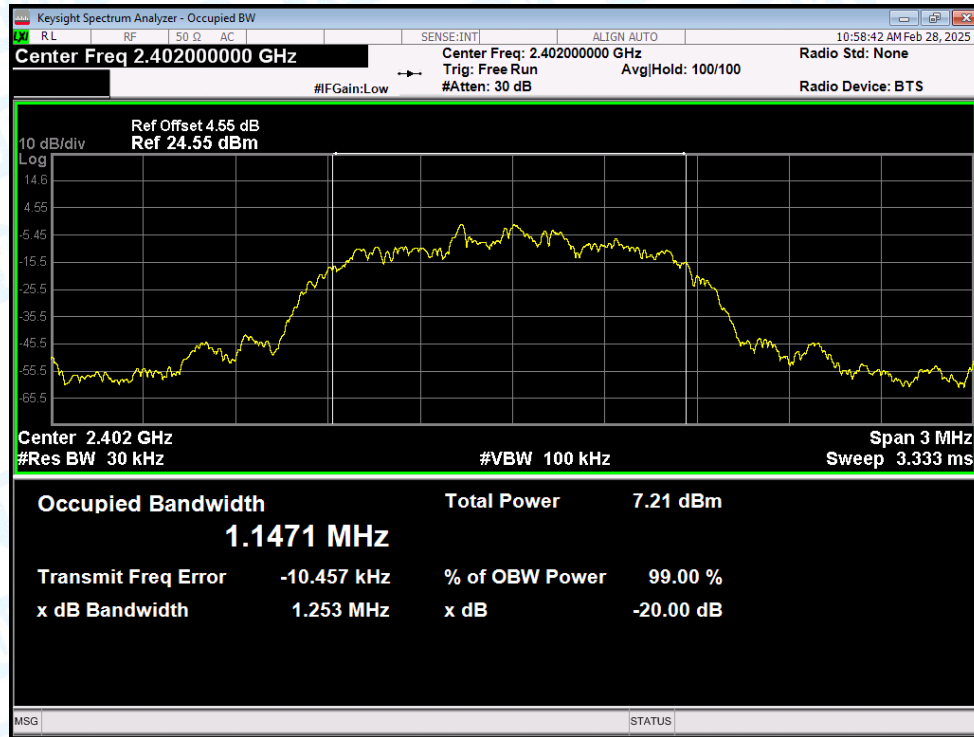
#### OBW NVNT 1-DH1 2441MHz Ant1



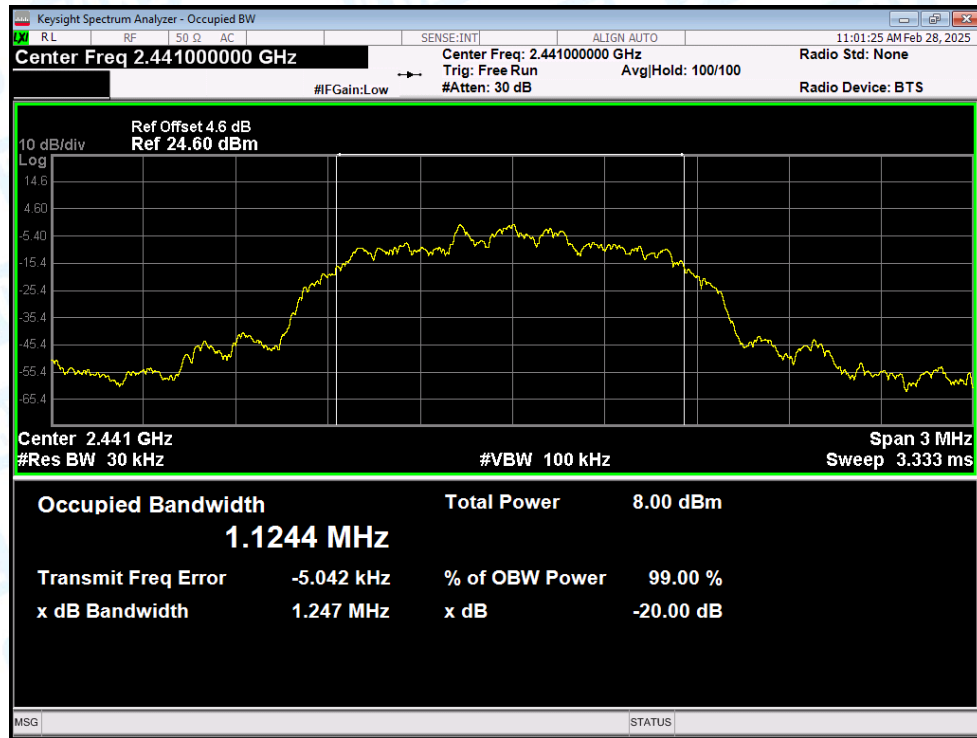
OBW NVNT 1-DH1 2480MHz Ant1



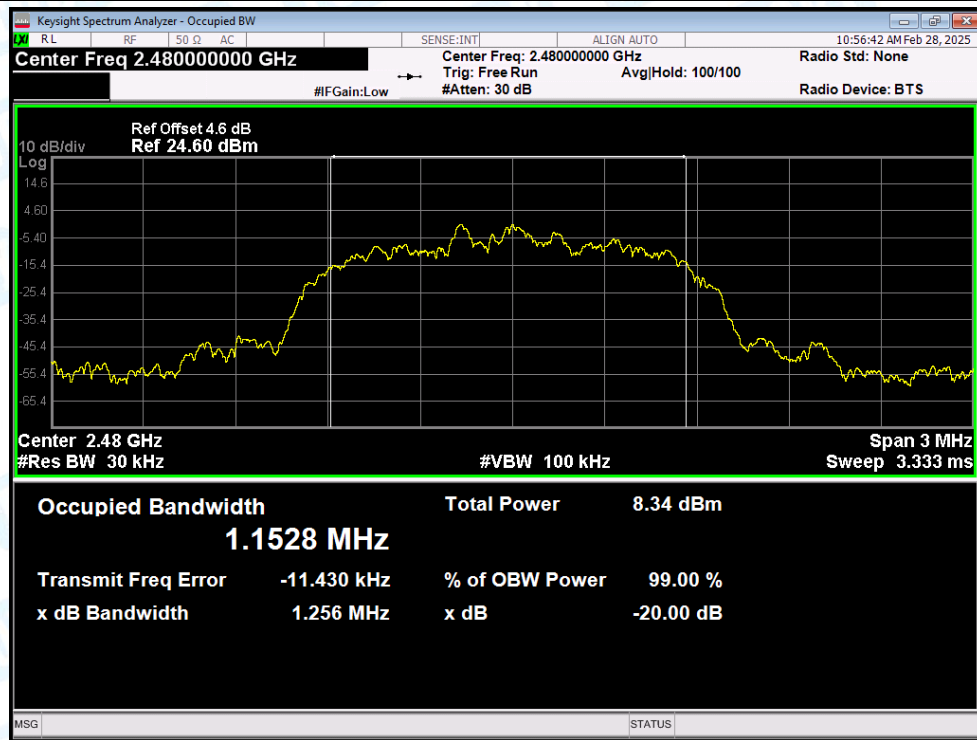
OBW NVNT 2-DH1 2402MHz Ant1



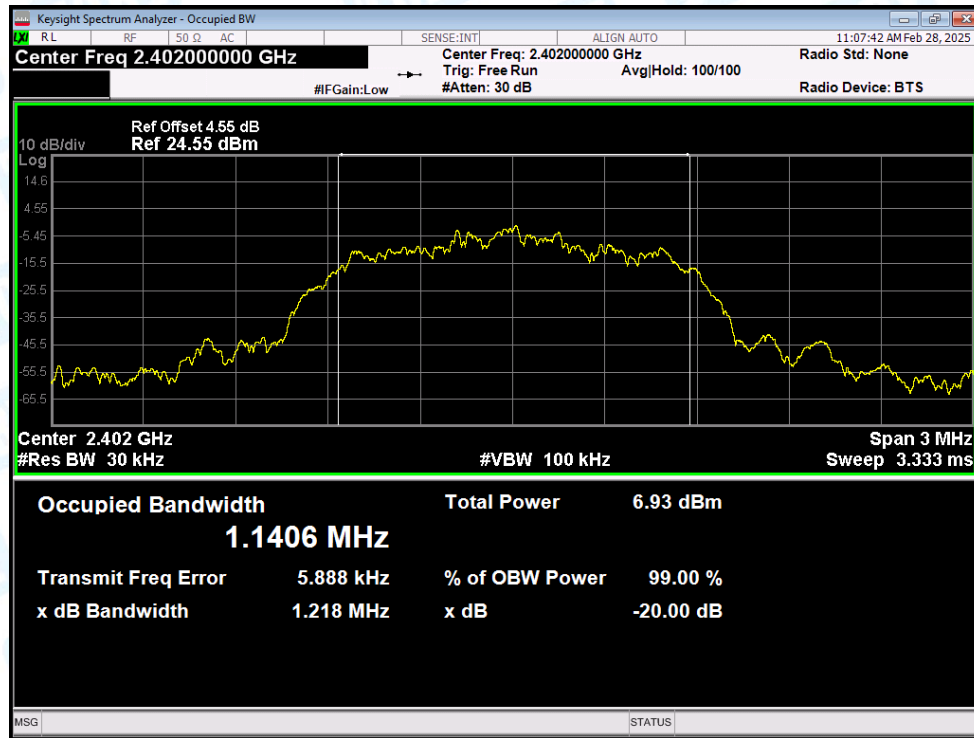
OBW NVNT 2-DH1 2441MHz Ant1



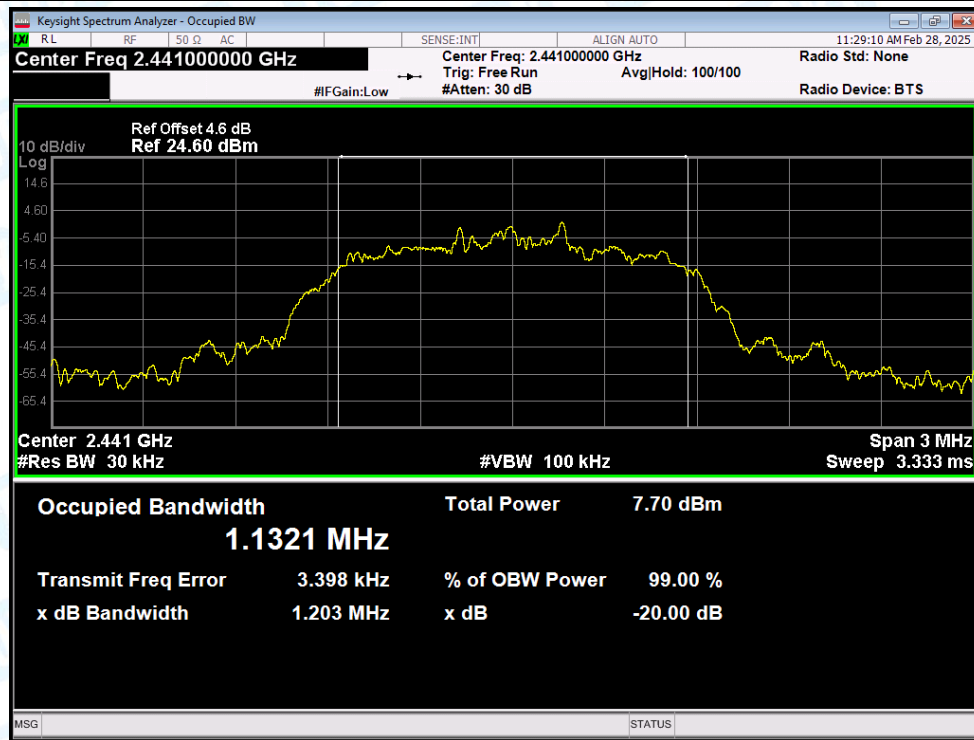
OBW NVNT 2-DH1 2480MHz Ant1

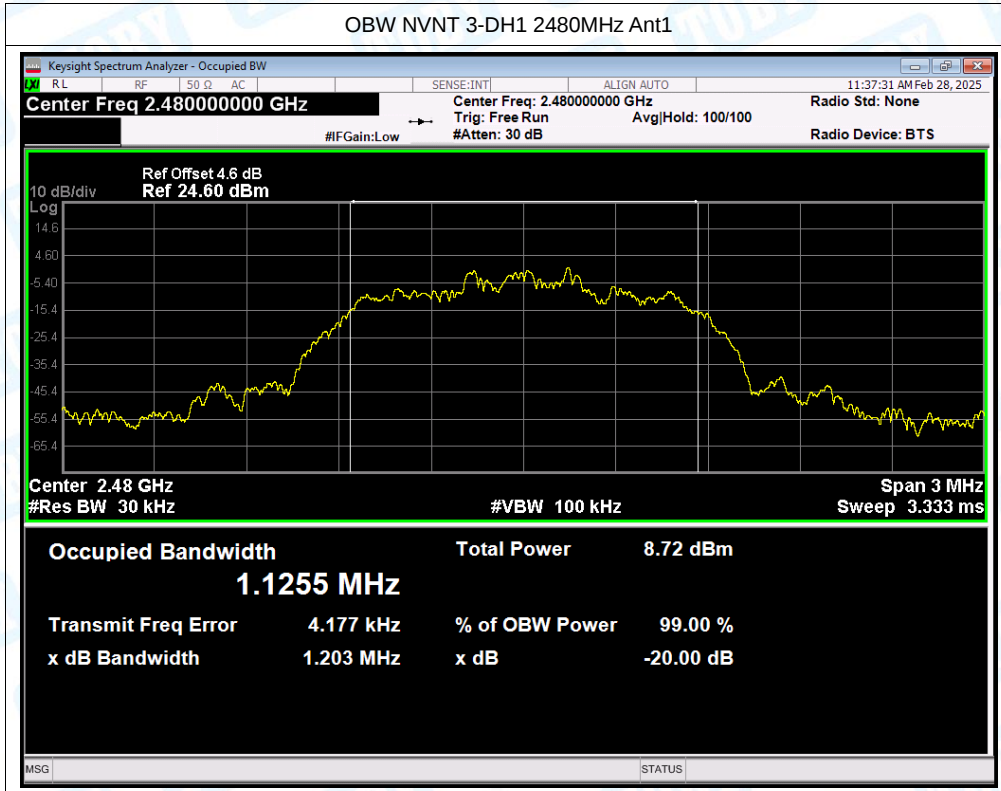


OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



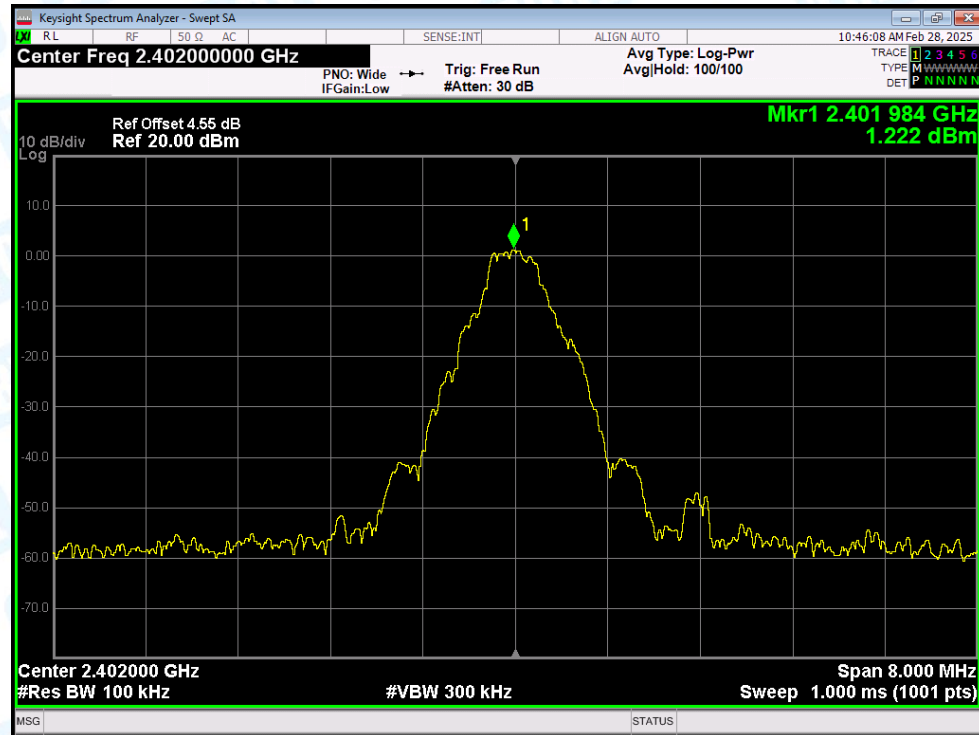


## 4. Band Edge

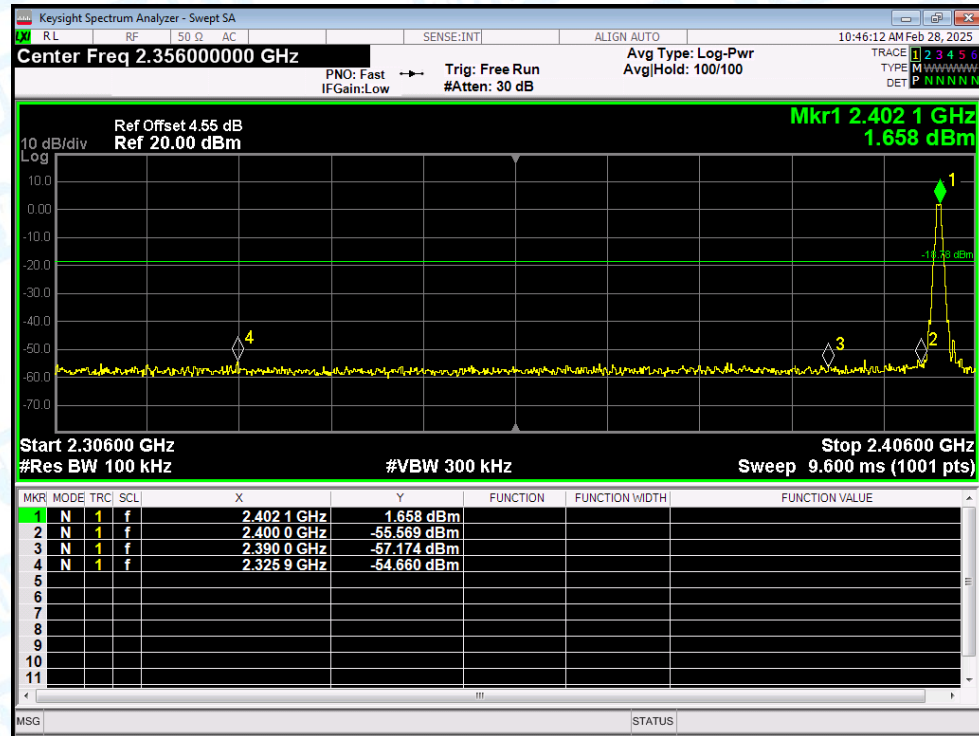
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -55.88          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -56.71          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -54.44          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -57.17          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -56.82          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -57.52          | -20         | Pass    |

# Test Graphs

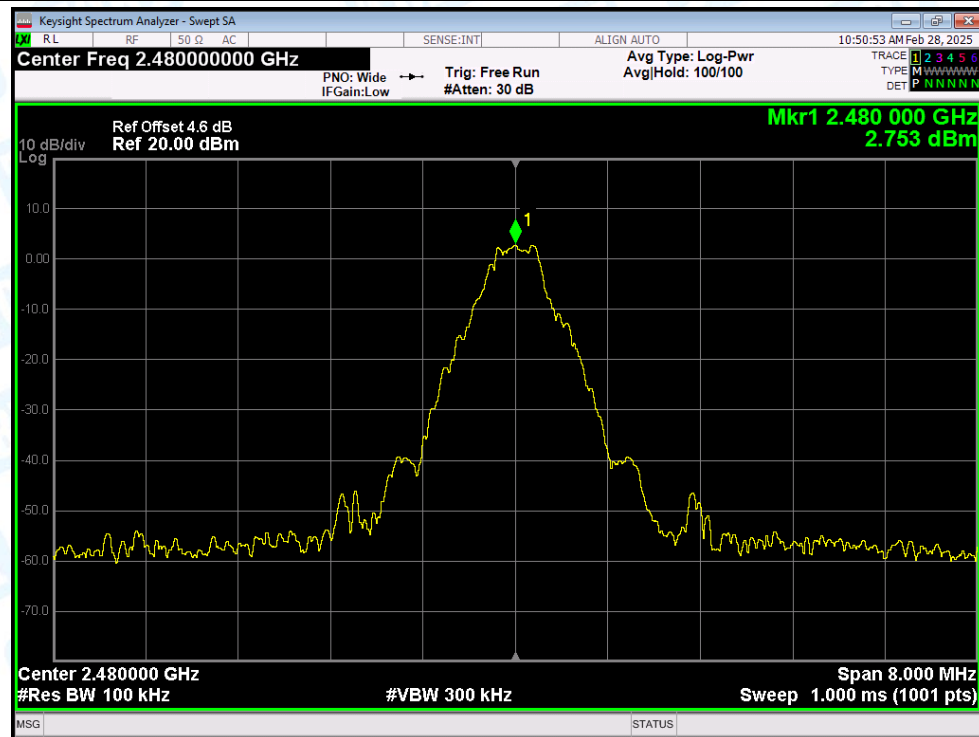
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



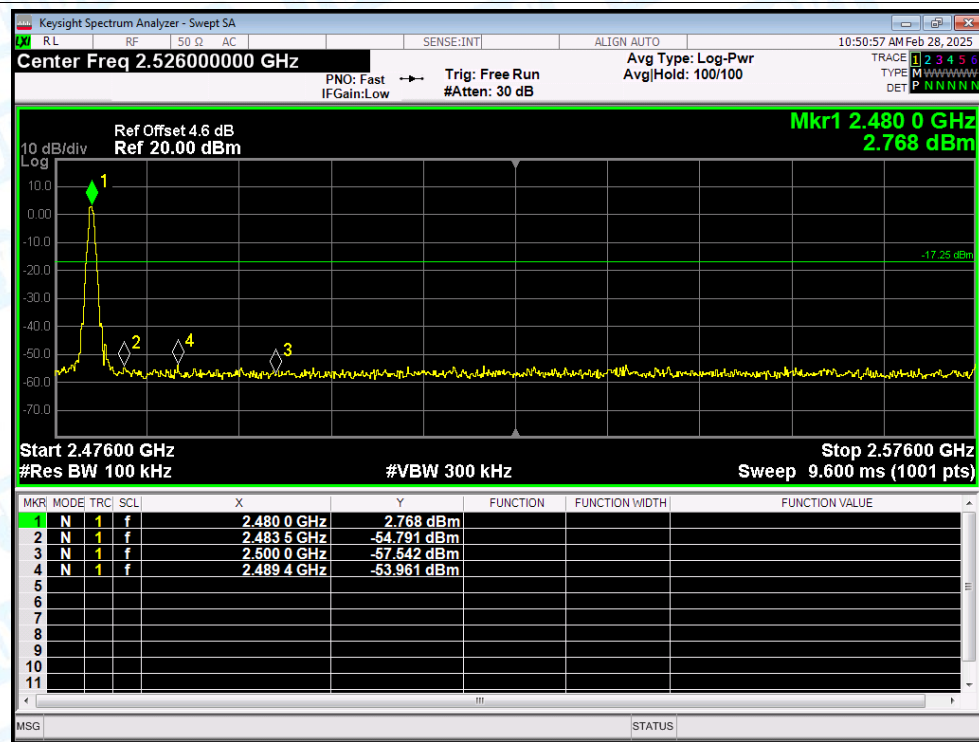
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

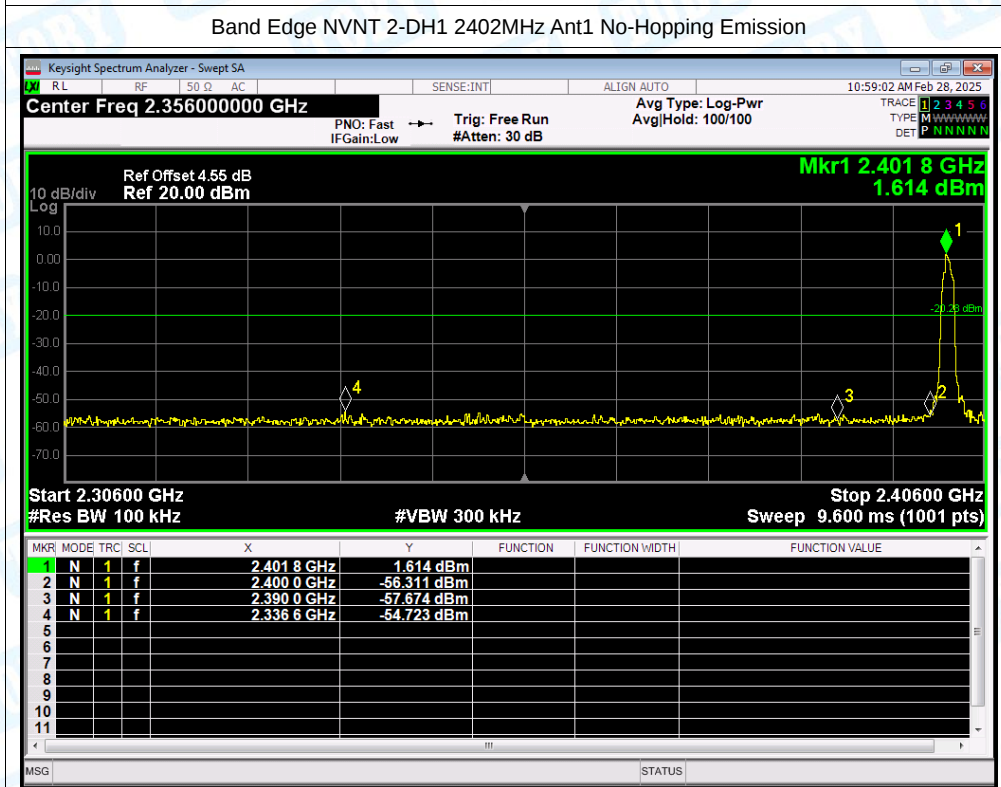
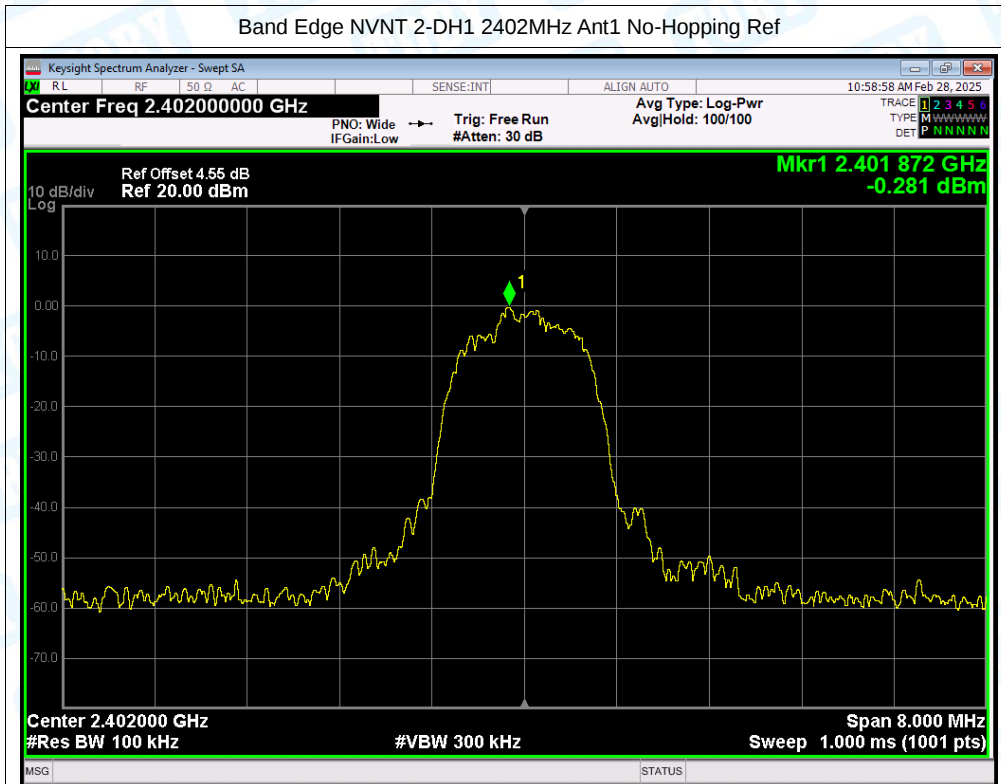


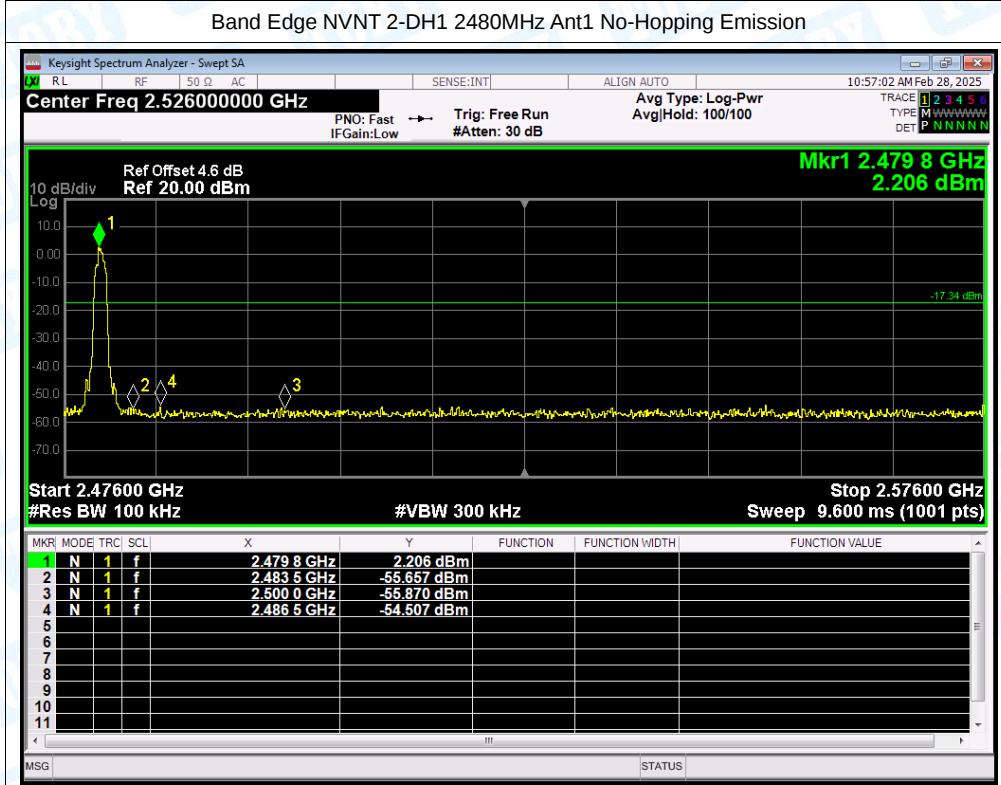
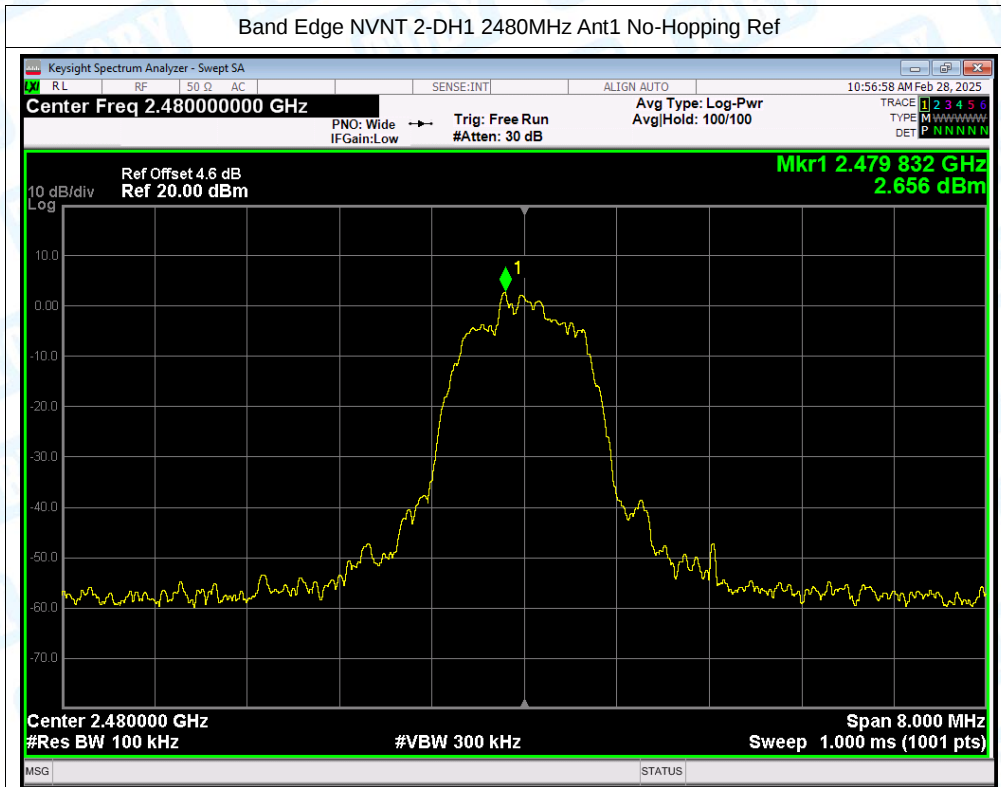
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

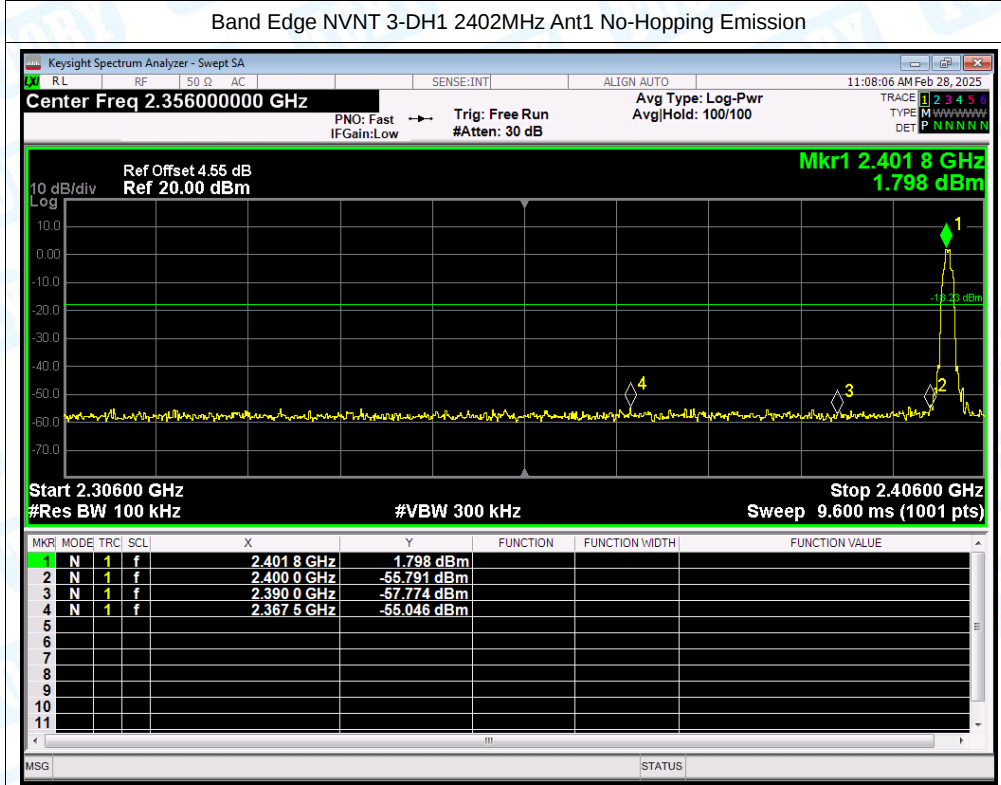


Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission

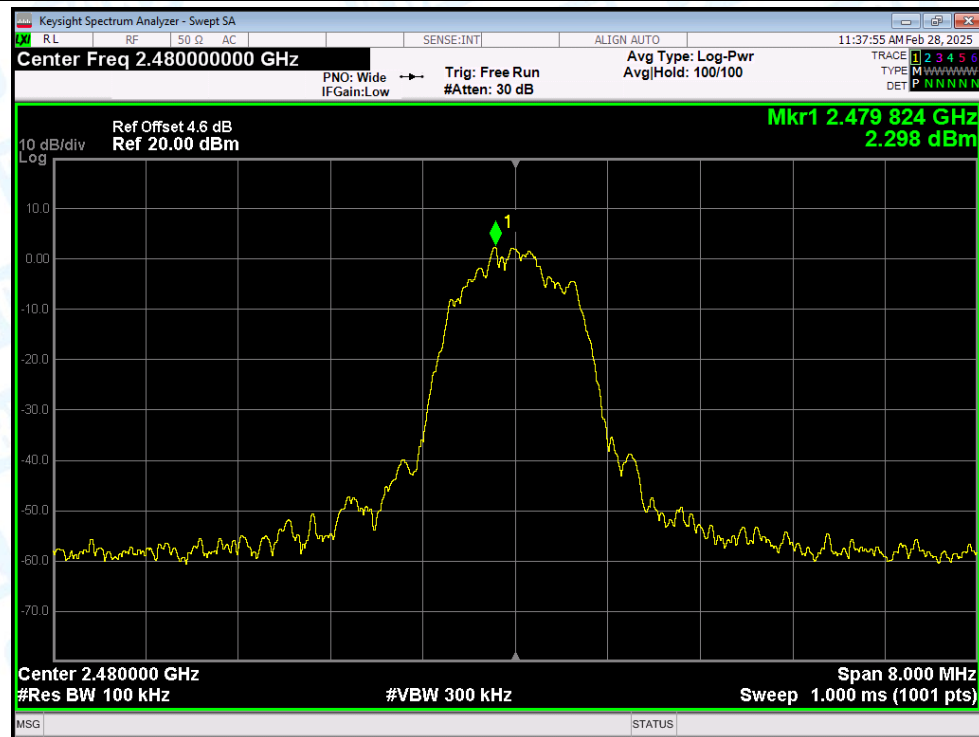




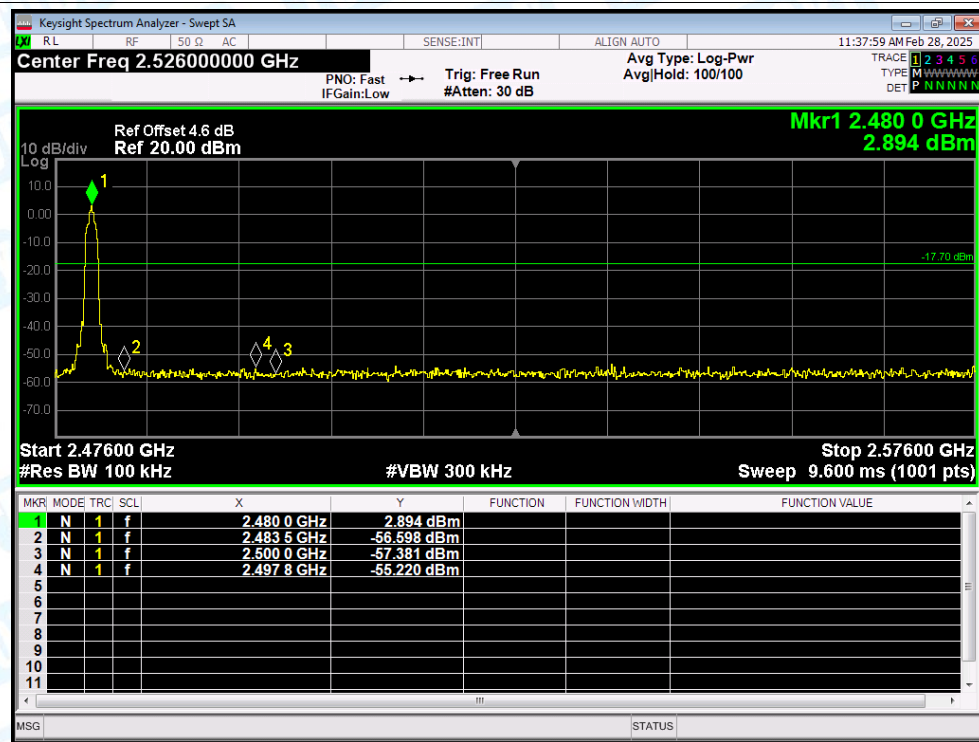




Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



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

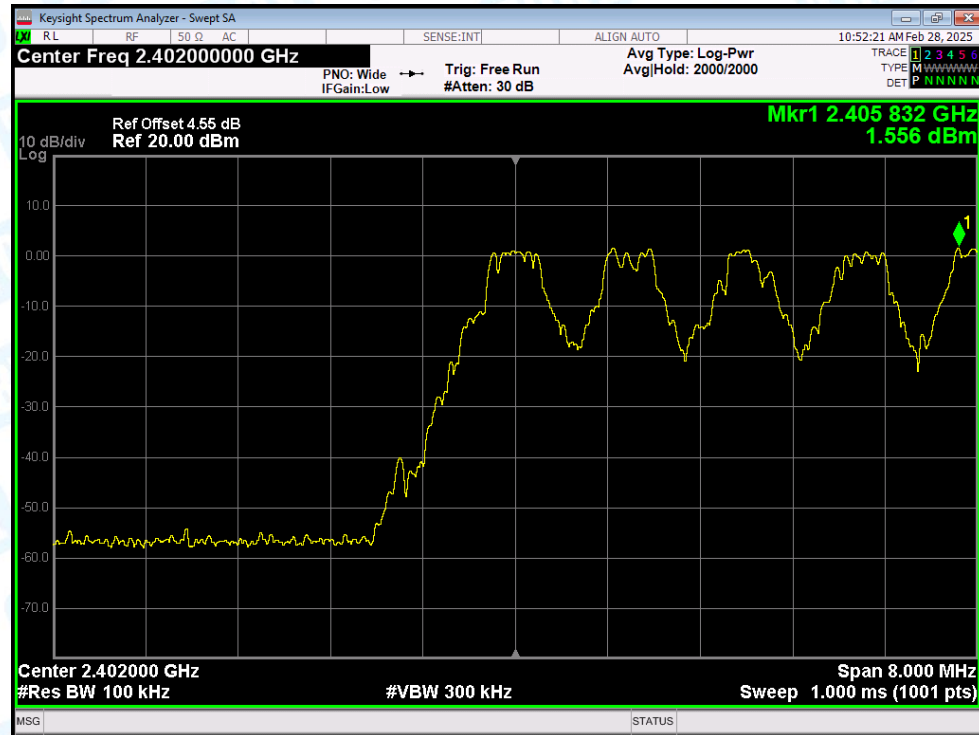


## 5. Band Edge(Hopping)

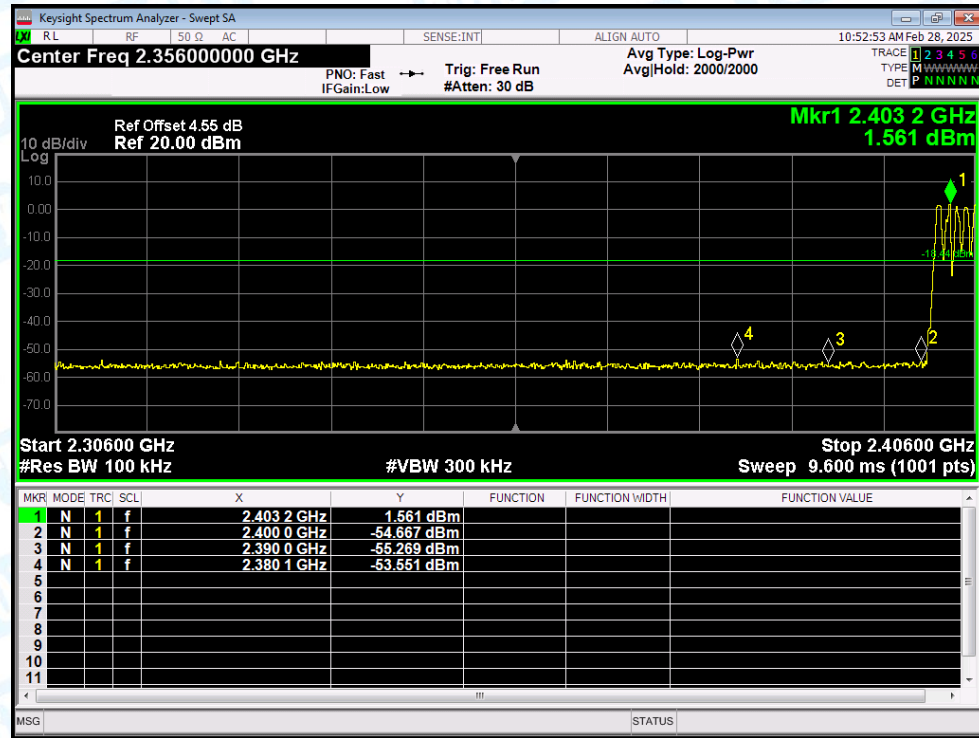
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | Hopping      | -55.11          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | Hopping      | -56.83          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | Hopping      | -55.24          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | Hopping      | -55.19          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | Hopping      | -55.29          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | Hopping      | -56.73          | -20         | Pass    |

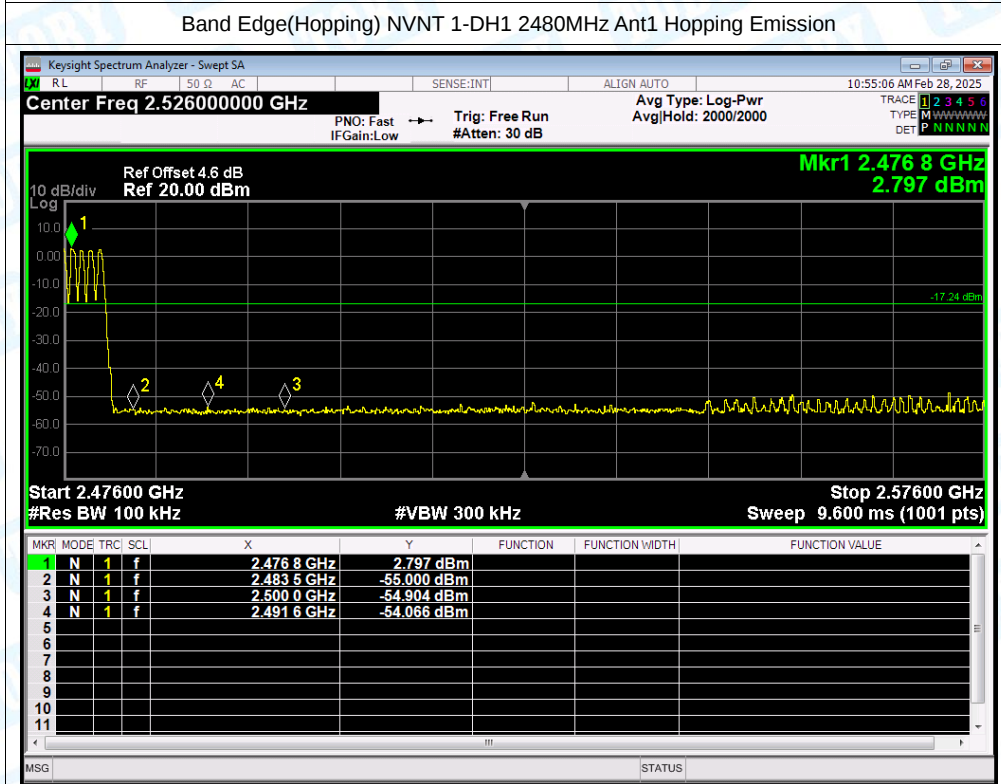
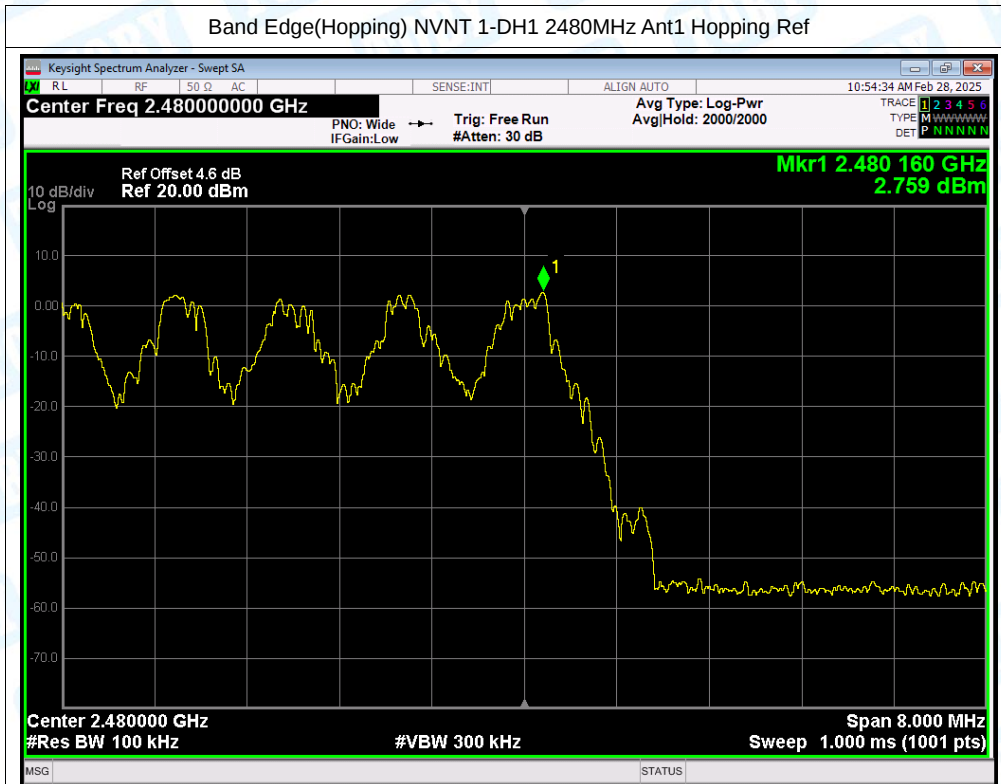
### Test Graphs

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



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

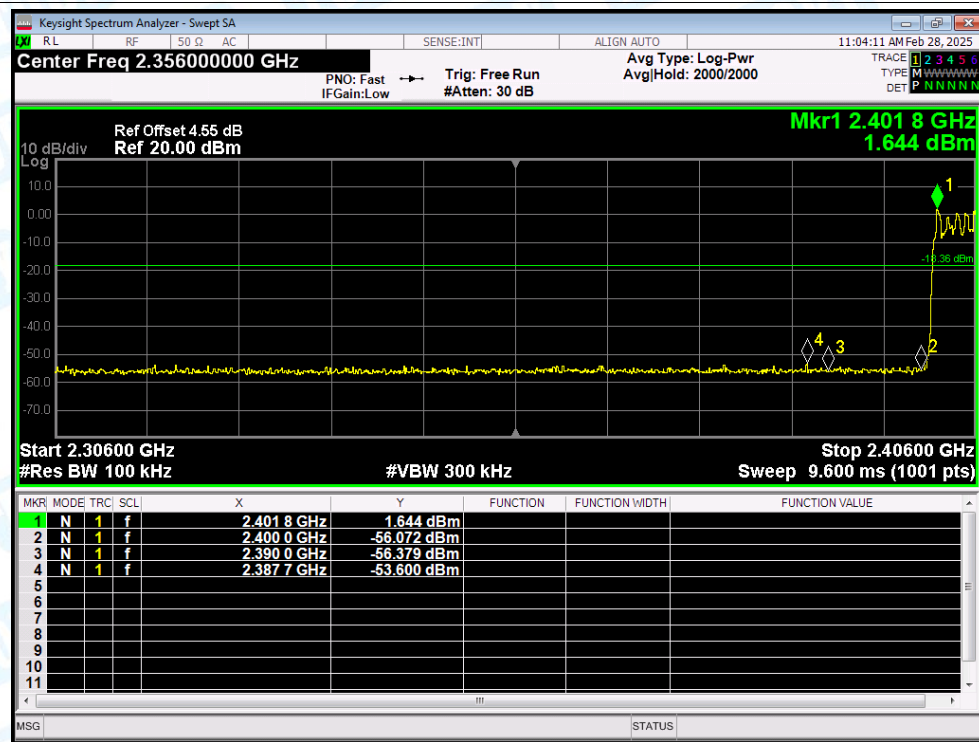


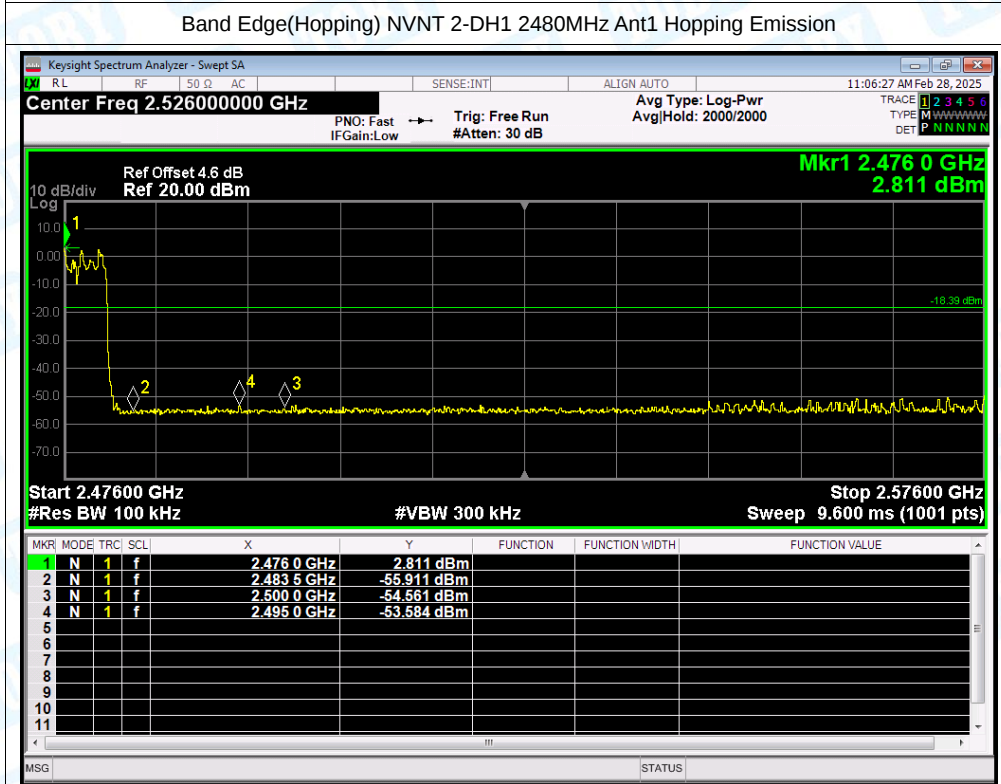
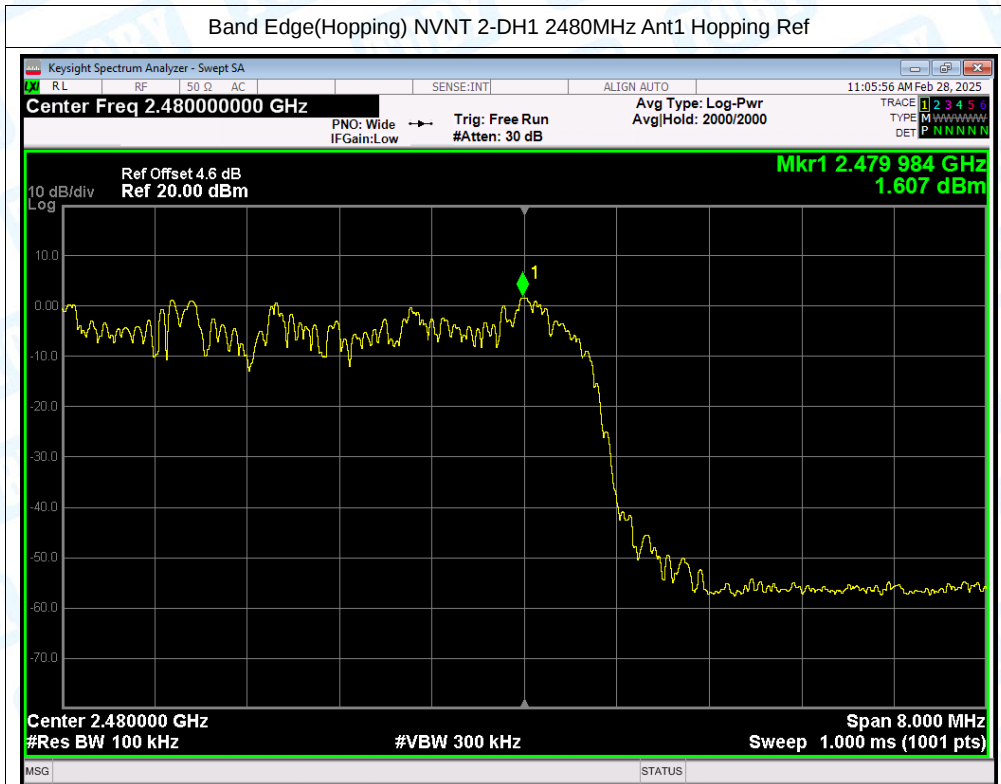


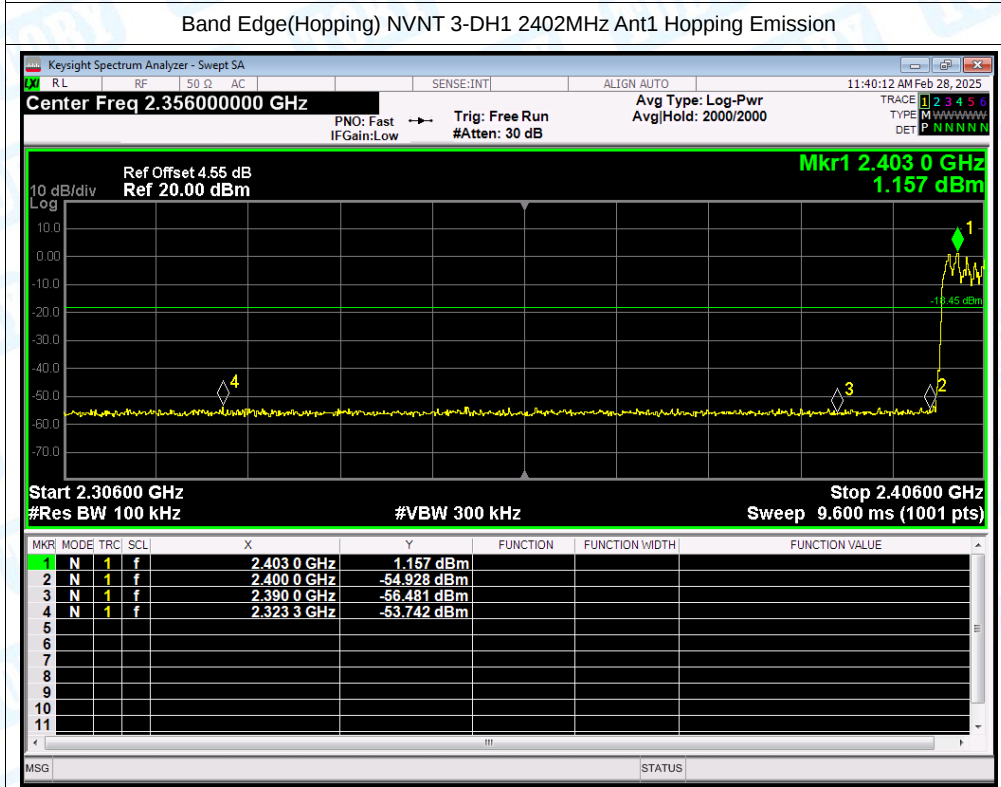
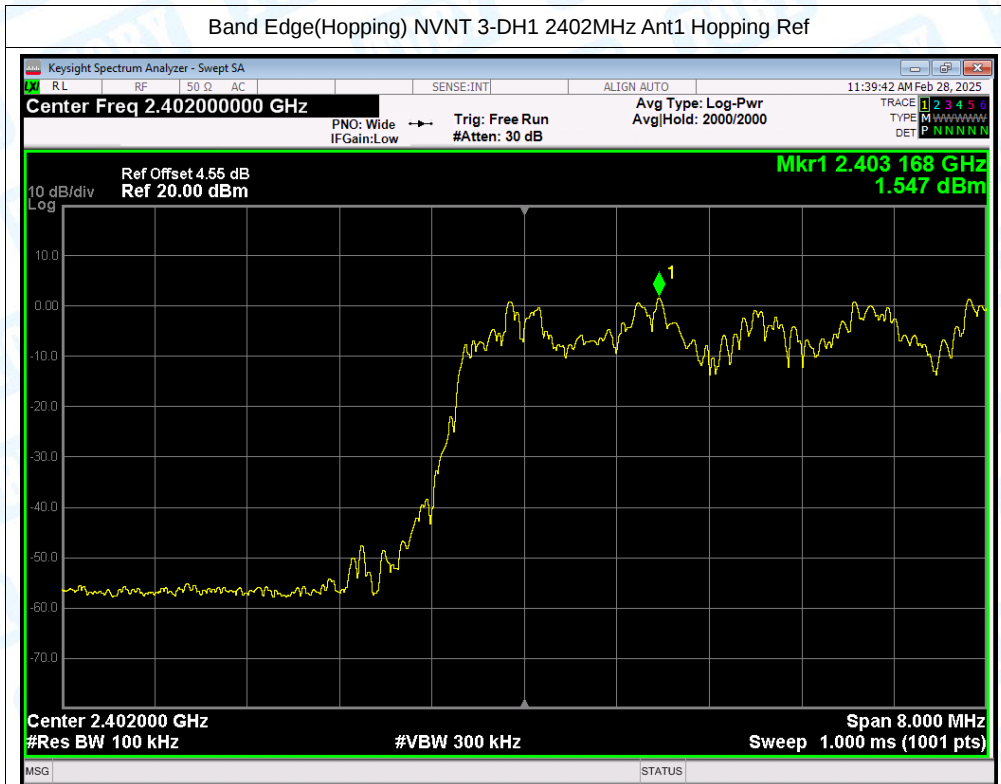
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref

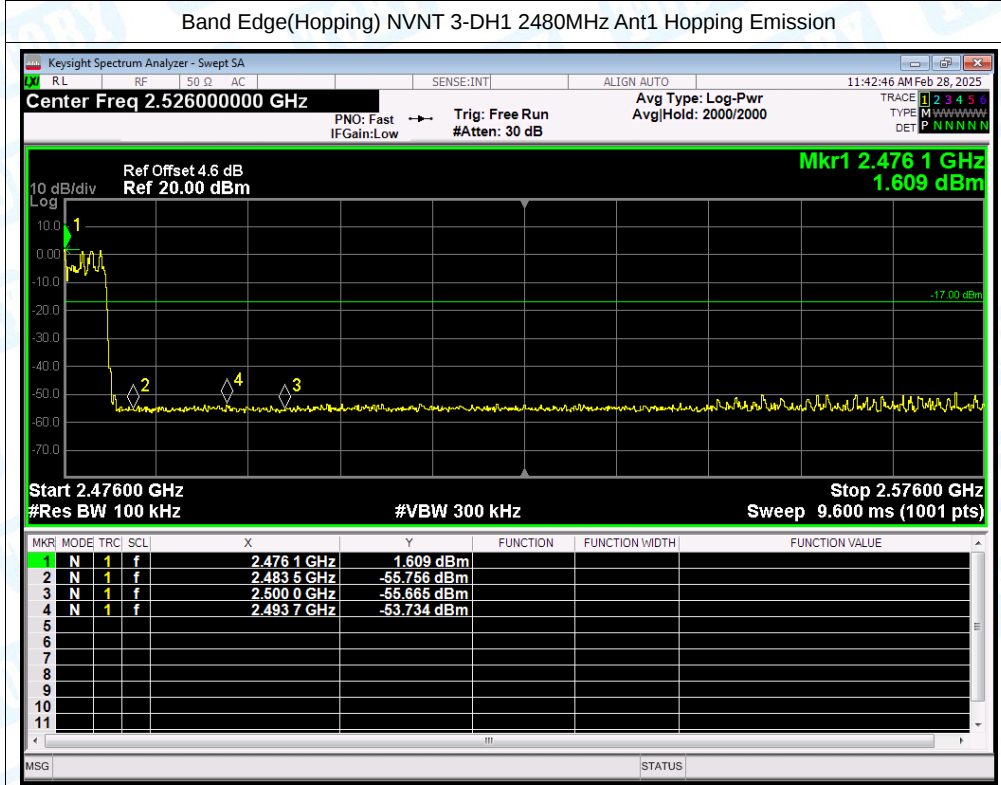


Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission







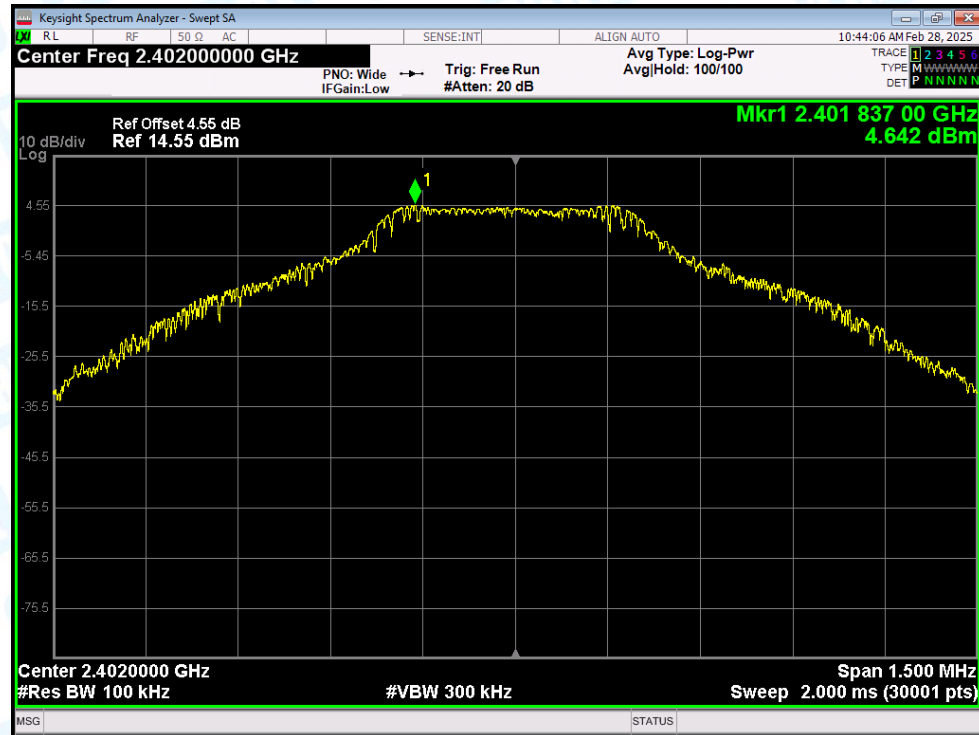


## 6. Conducted RF Spurious Emission

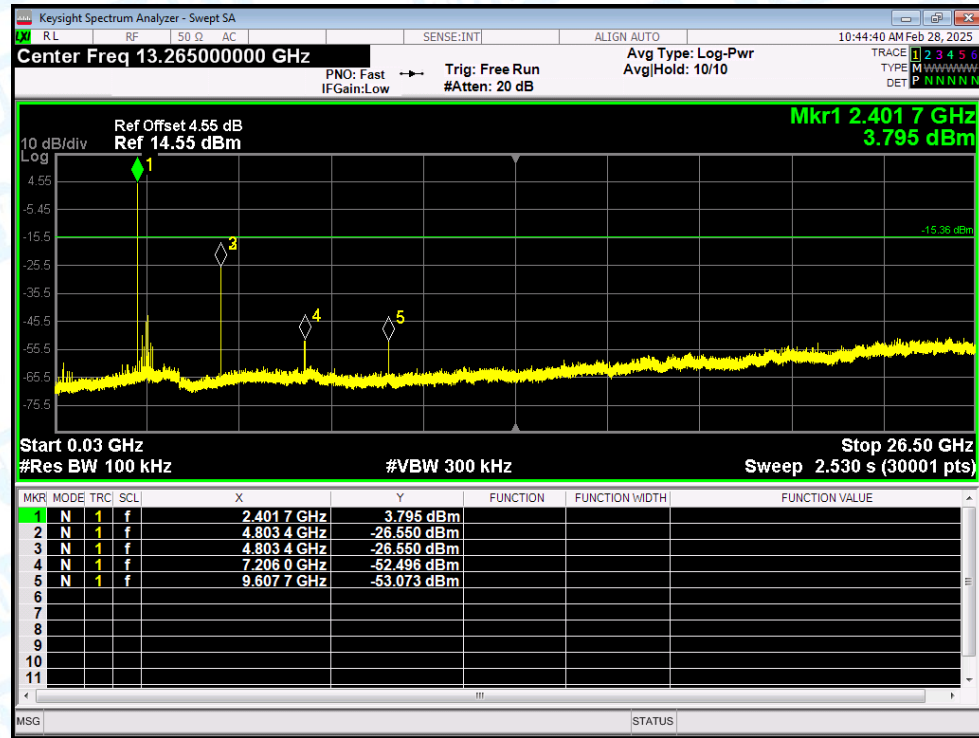
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -31.19          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -33.92          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -28.96          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -32.74          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -30.94          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -32.99          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -33.79          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -35.29          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -34.37          | -20         | Pass    |

### Test Graphs

#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



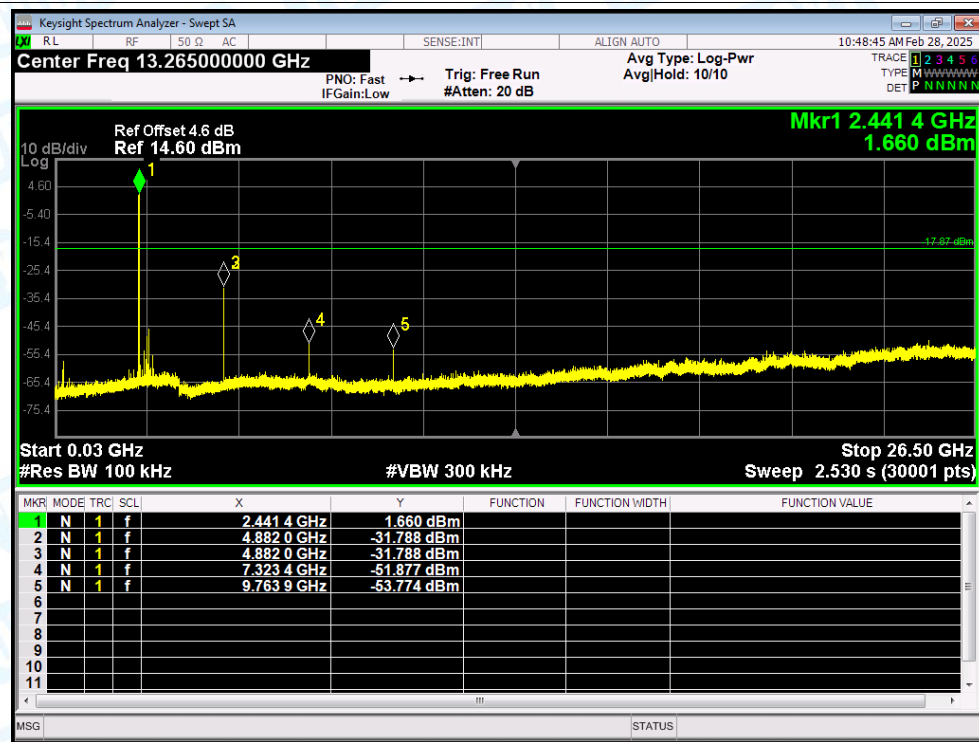
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



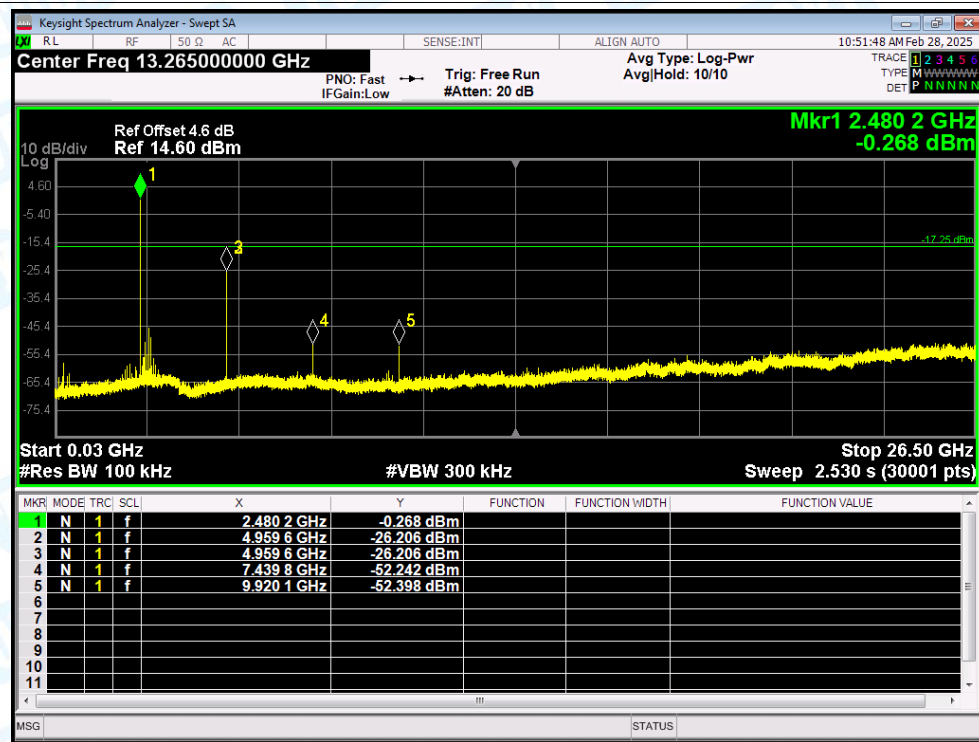
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



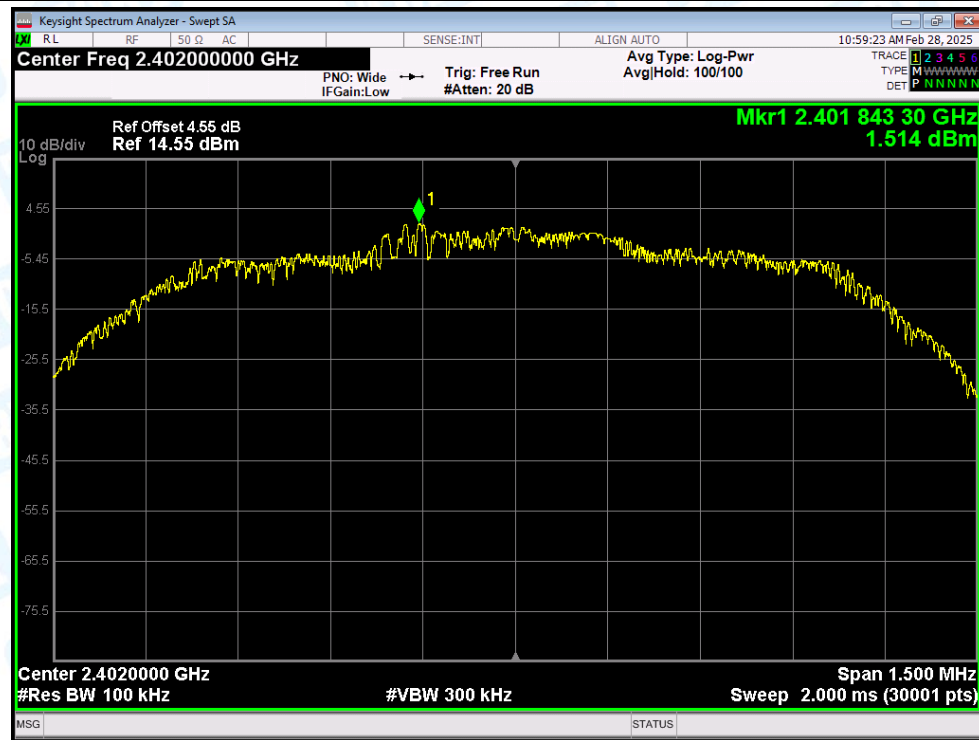
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



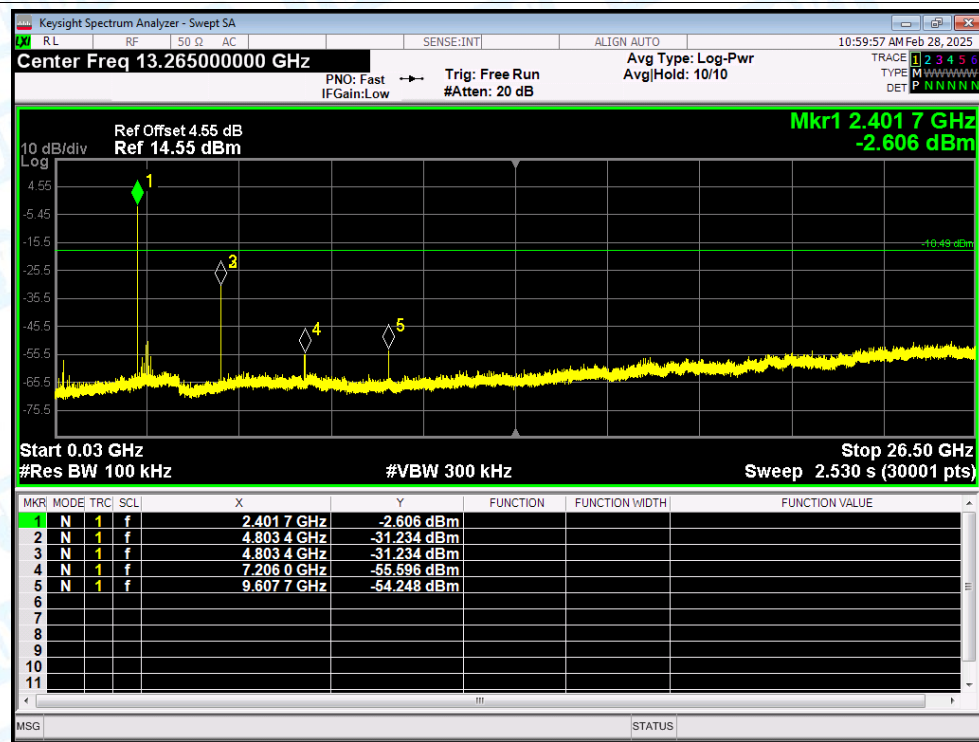
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



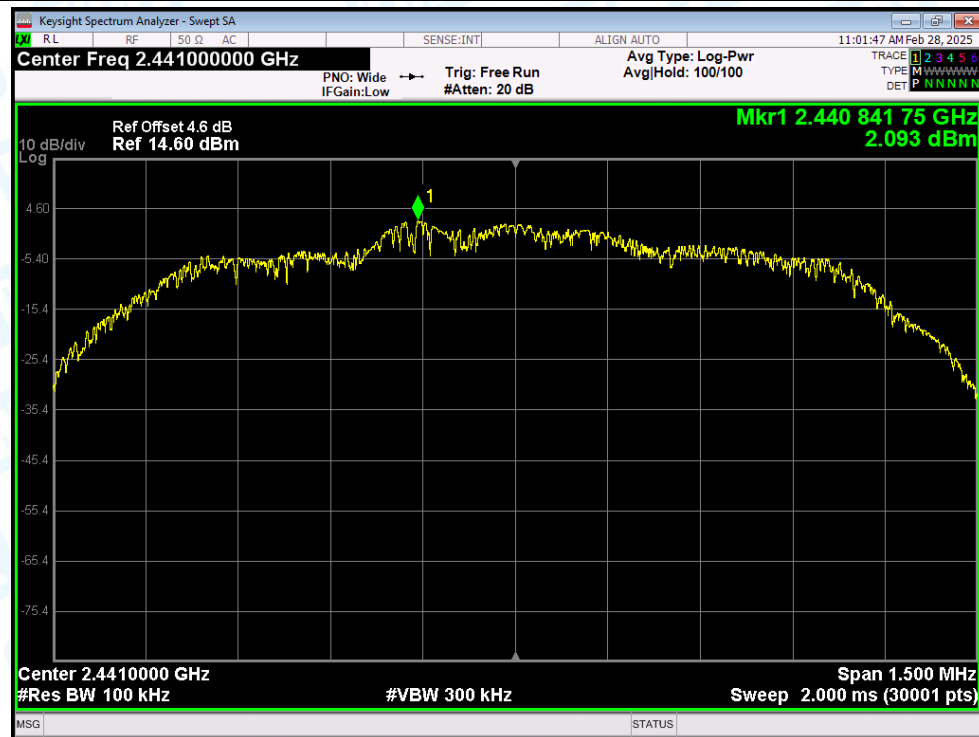
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



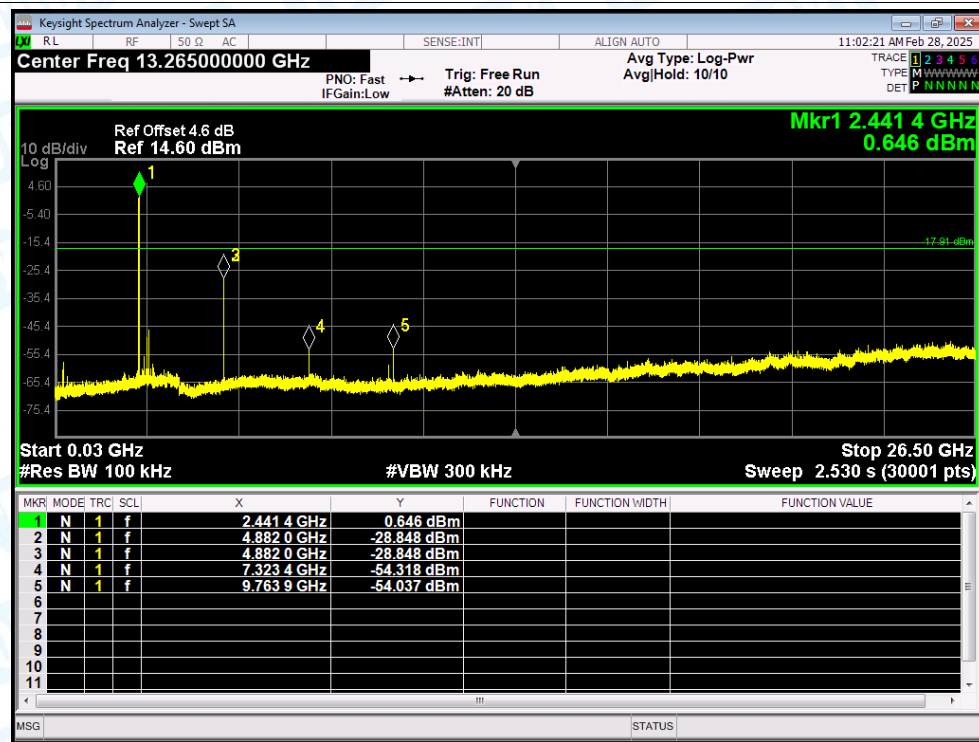
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



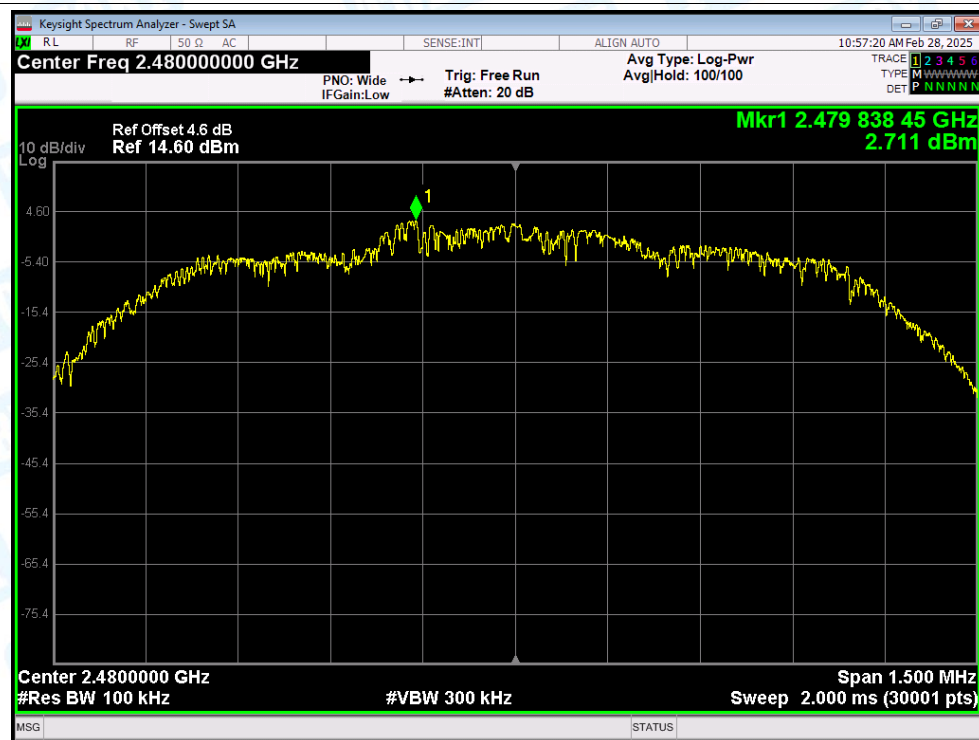
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



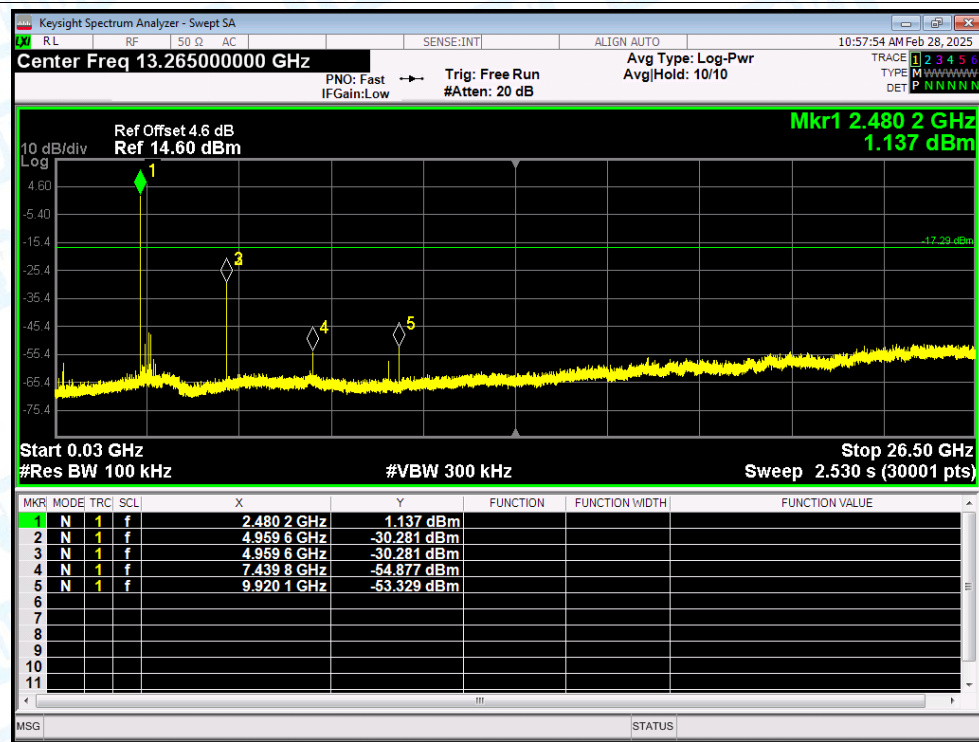
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



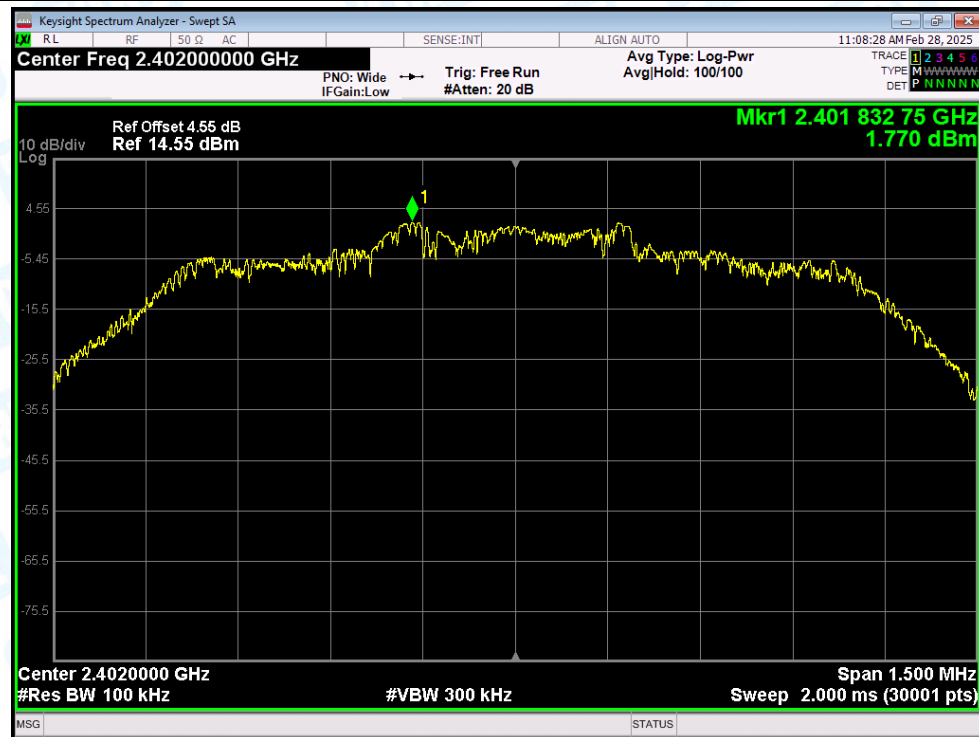
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



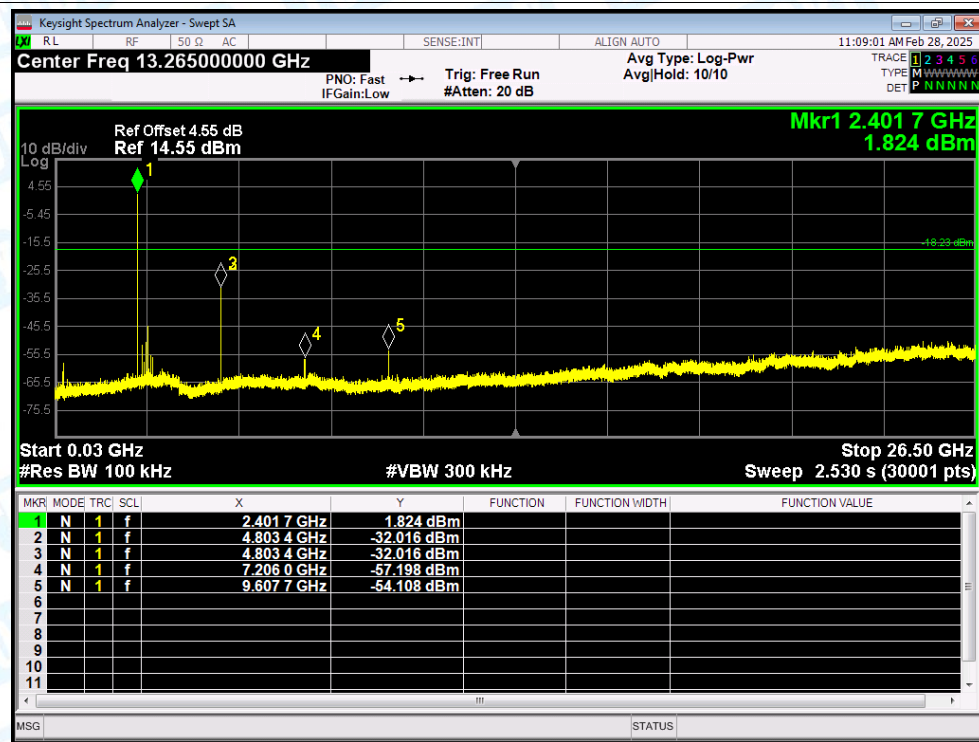
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



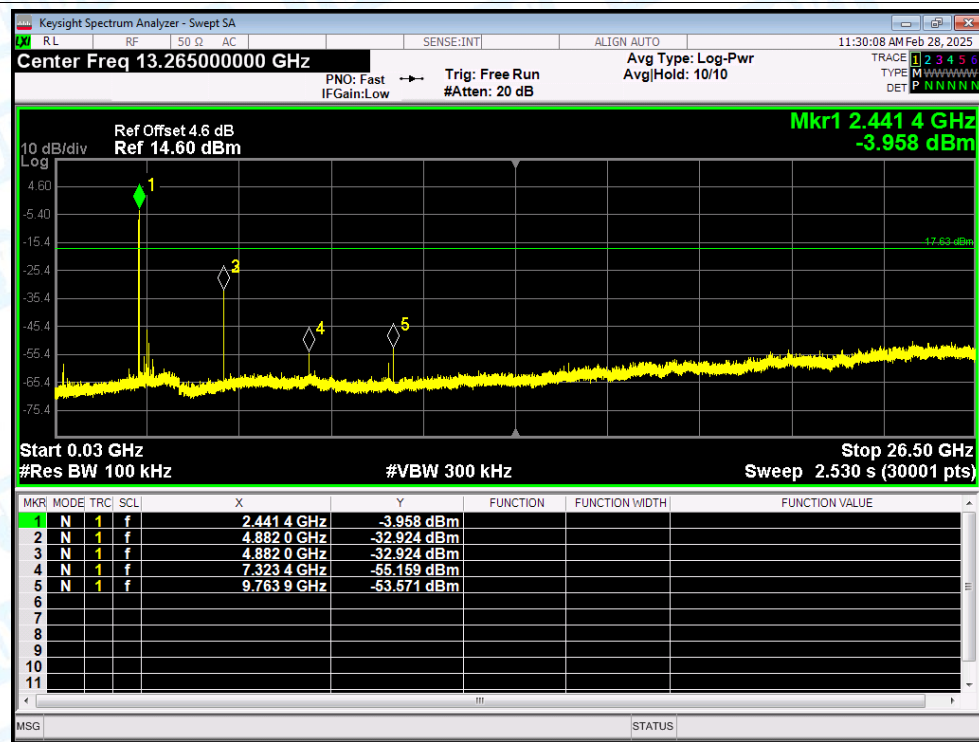
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



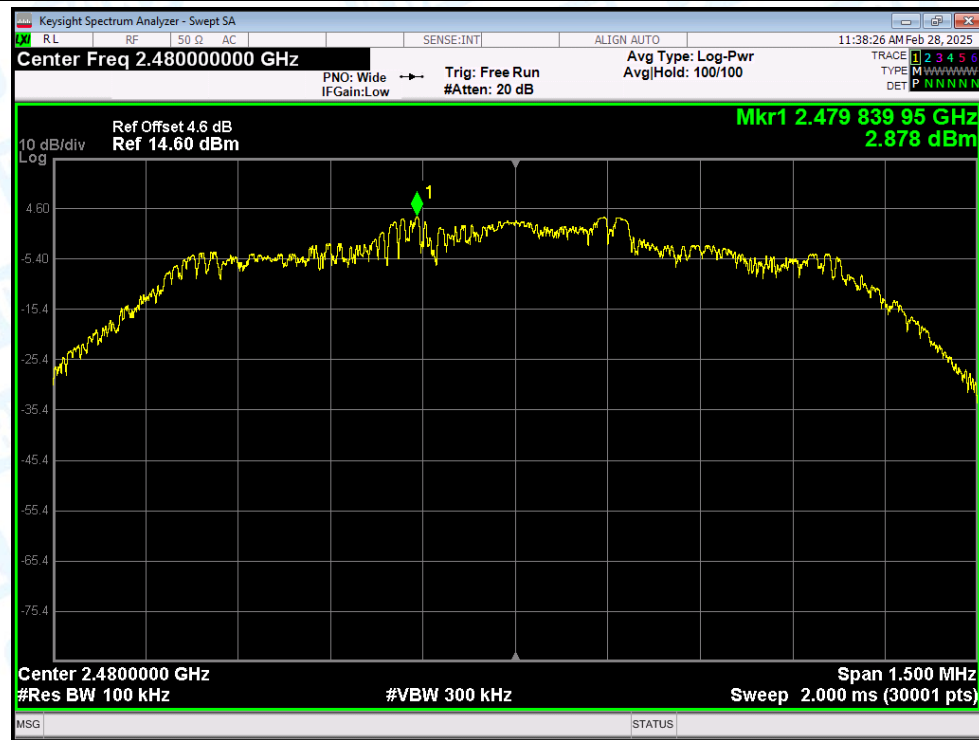
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



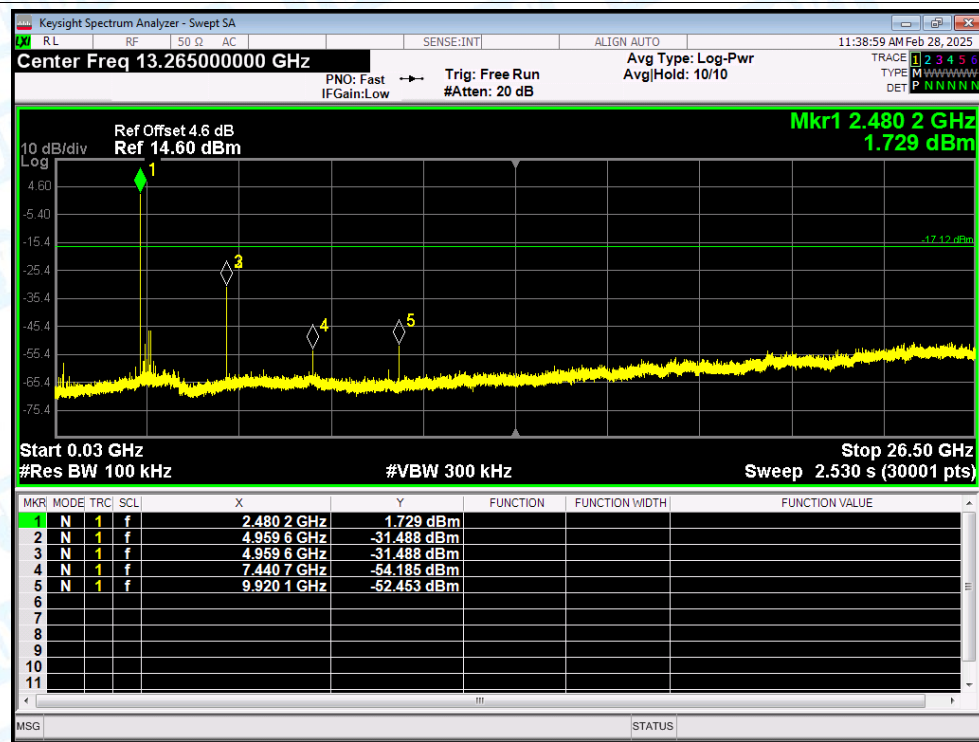
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

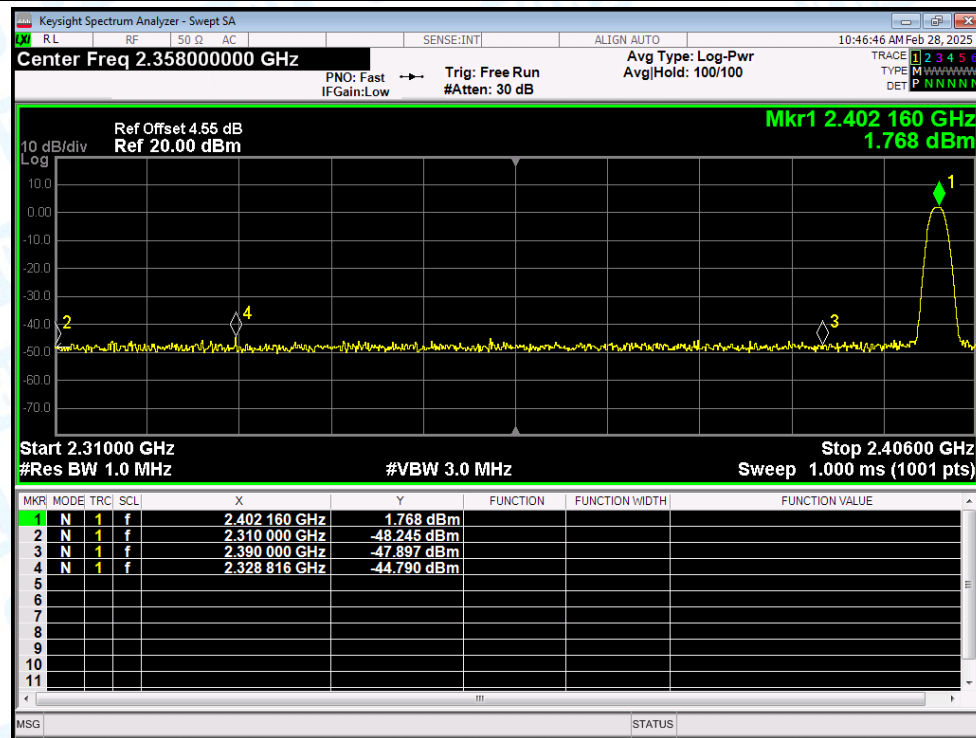


## 7. Restrict Band

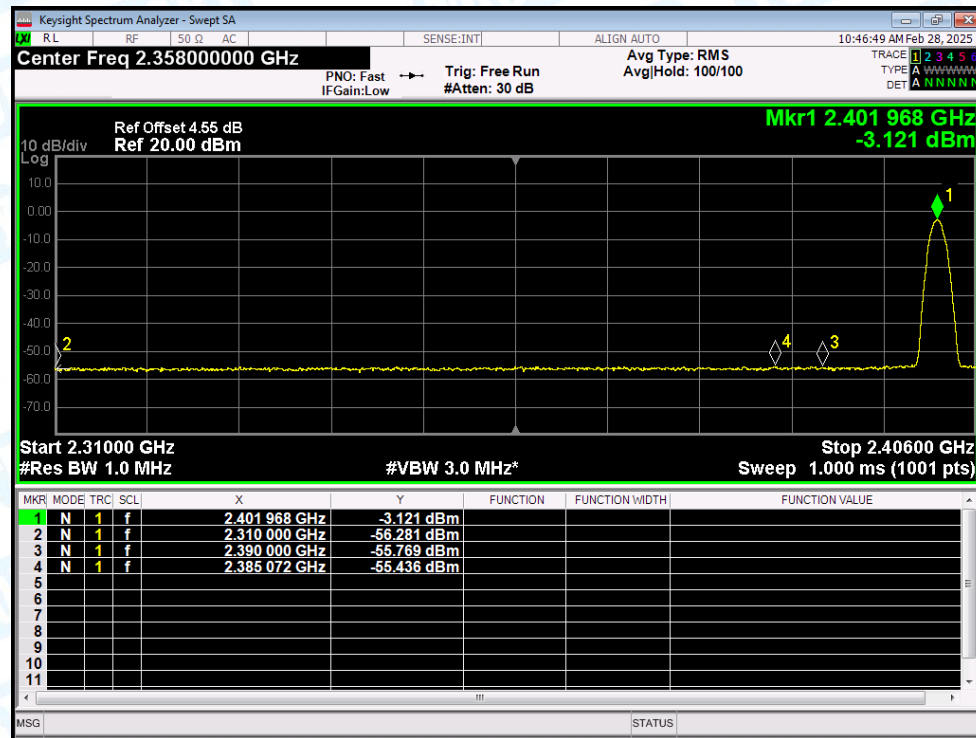
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -48.25      | 2.5        | -                | 49.51      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.28      | 2.5        | 4.84             | 46.32      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2328.816        | -44.79      | 2.5        | -                | 52.97      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2385.072        | -55.44      | 2.5        | 4.84             | 47.16      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -47.9       | 2.5        | -                | 49.86      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.77      | 2.5        | 4.84             | 46.83      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.2       | 2.5        | -                | 50.56      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.52      | 2.5        | 4.95             | 47.19      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2490.184        | -43.99      | 2.5        | -                | 53.77      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2495.872        | -54.73      | 2.5        | 4.95             | 47.98      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.9       | 2.5        | -                | 49.86      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.2       | 2.5        | 4.95             | 47.51      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -48.03      | 2.5        | -                | 49.73      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -55.95      | 2.5        | 4.84             | 46.65      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2389.776        | -45.75      | 2.5        | -                | 52.01      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2372.4          | -55.39      | 2.5        | 4.84             | 47.21      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -47.62      | 2.5        | -                | 50.14      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.23      | 2.5        | 4.84             | 46.37      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -48.04      | 2.5        | -                | 49.72      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.62      | 2.5        | 4.74             | 46.88      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2489.056        | -44.55      | 2.5        | -                | 53.21      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2484.304        | -54.68      | 2.5        | 4.74             | 47.82      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -46.69      | 2.5        | -                | 51.07      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.19      | 2.5        | 4.74             | 47.31      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -48.6       | 2.5        | -                | 49.16      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.75      | 2.5        | 4.84             | 45.85      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2387.568        | -44.14      | 2.5        | -                | 53.62      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2372.112        | -55.49      | 2.5        | 4.84             | 47.11      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -47.61      | 2.5        | -                | 50.15      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.38      | 2.5        | 4.84             | 46.22      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -46.95      | 2.5        | -                | 50.81      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.26      | 2.5        | 4.74             | 47.24      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2487.4          | -44.67      | 2.5        | -                | 53.09      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2487.208        | -54.84      | 2.5        | 4.74             | 47.66      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.57      | 2.5        | -                | 50.19      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.65      | 2.5        | 4.74             | 46.85      | Average  | 54             | Pass    |

### Test Graphs

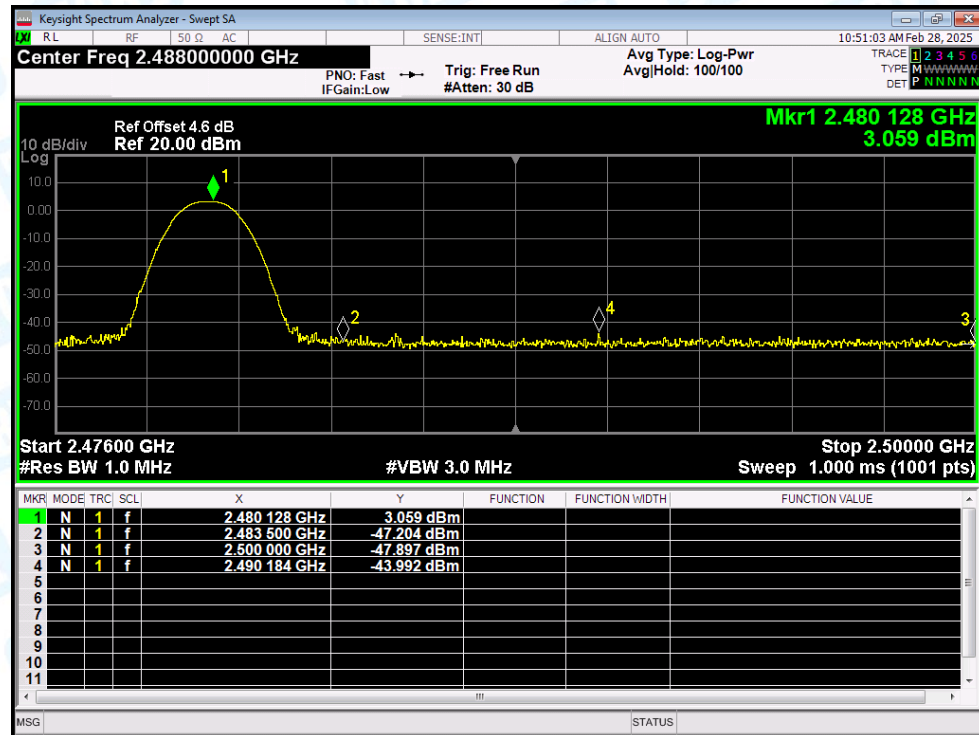
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



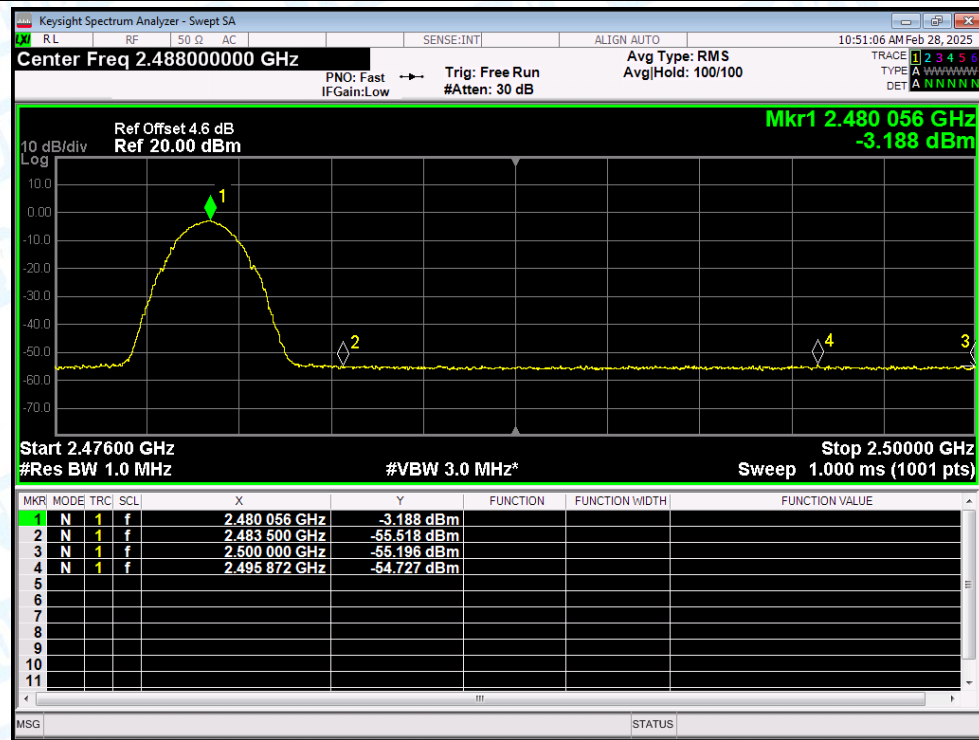
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



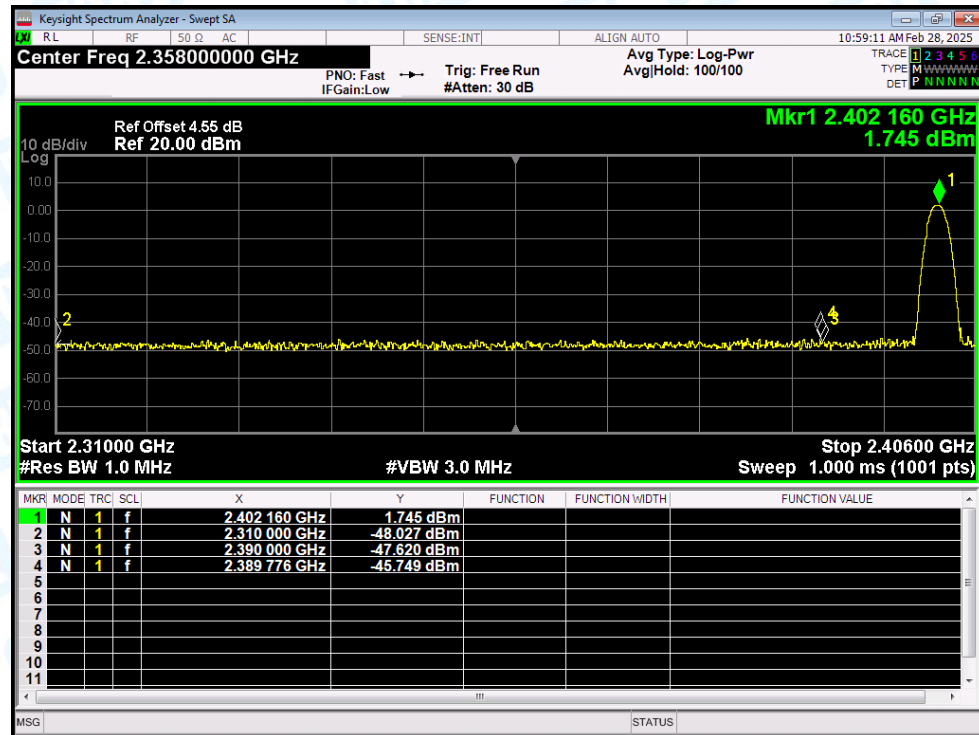
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



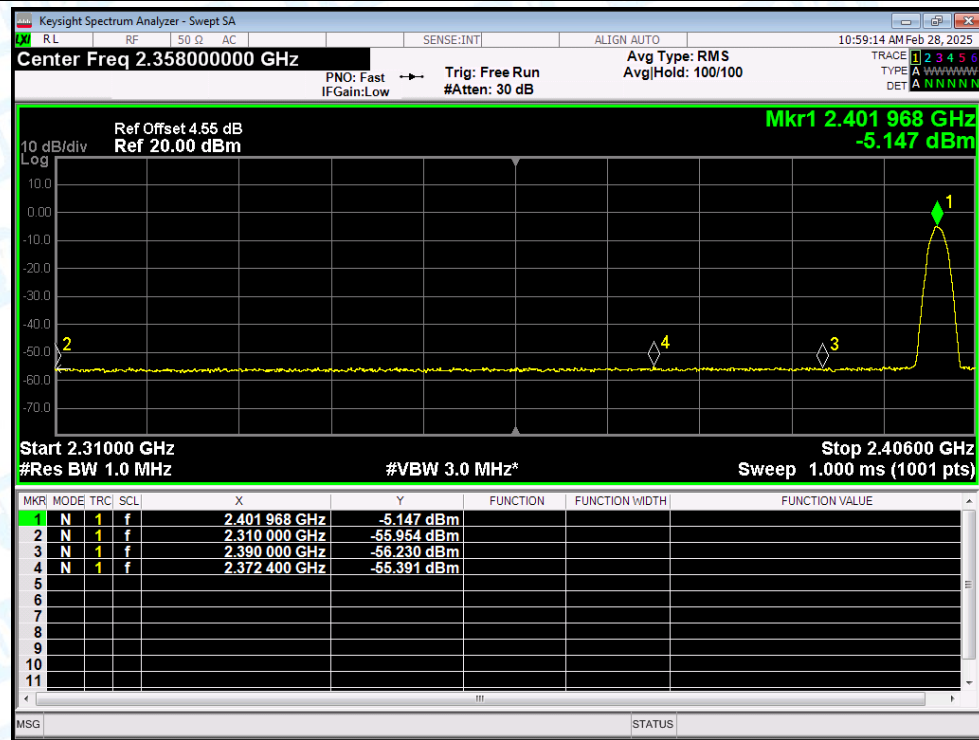
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



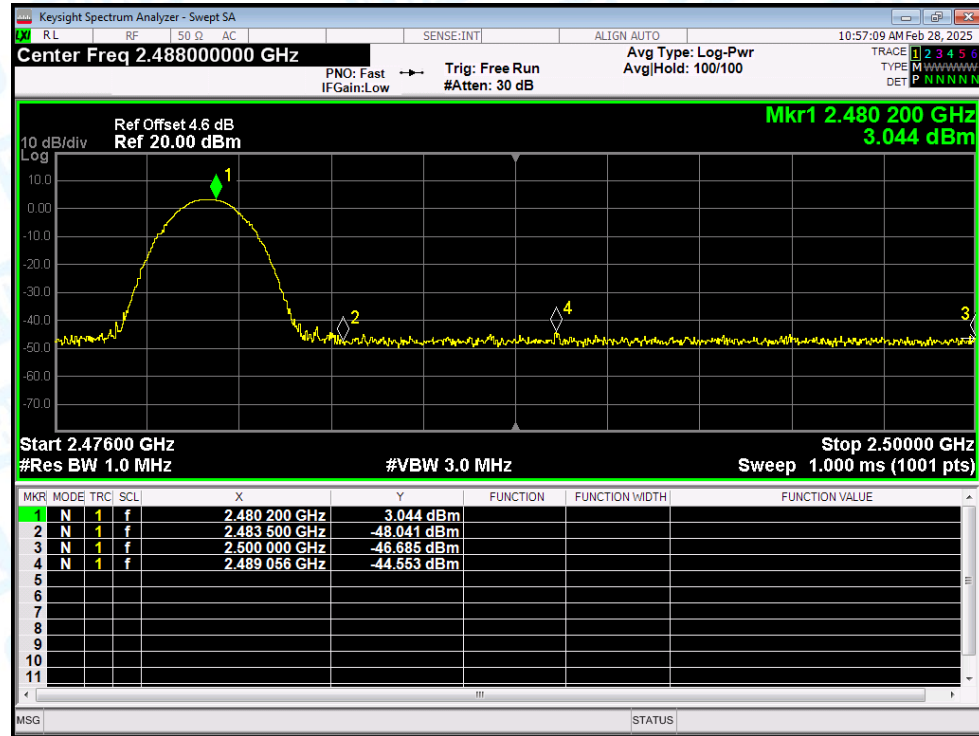
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



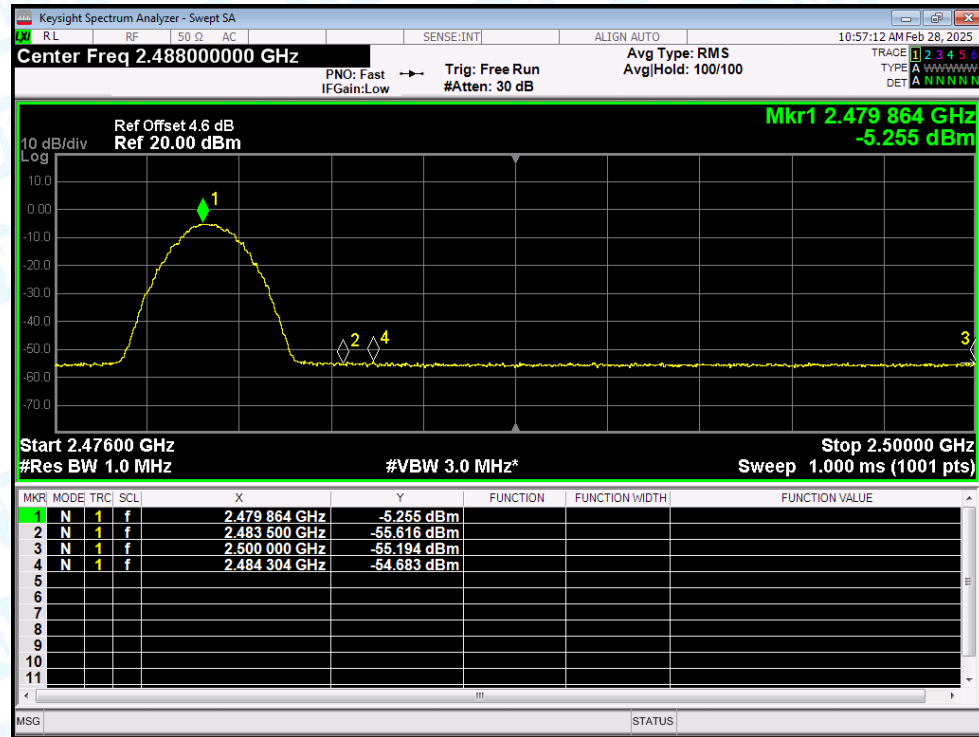
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



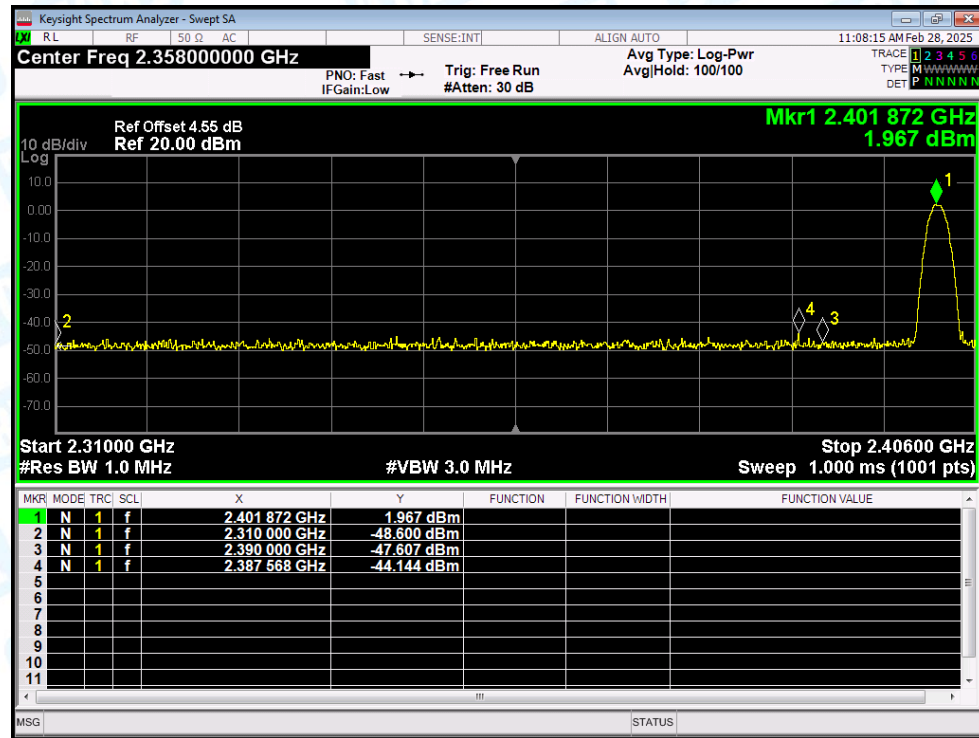
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



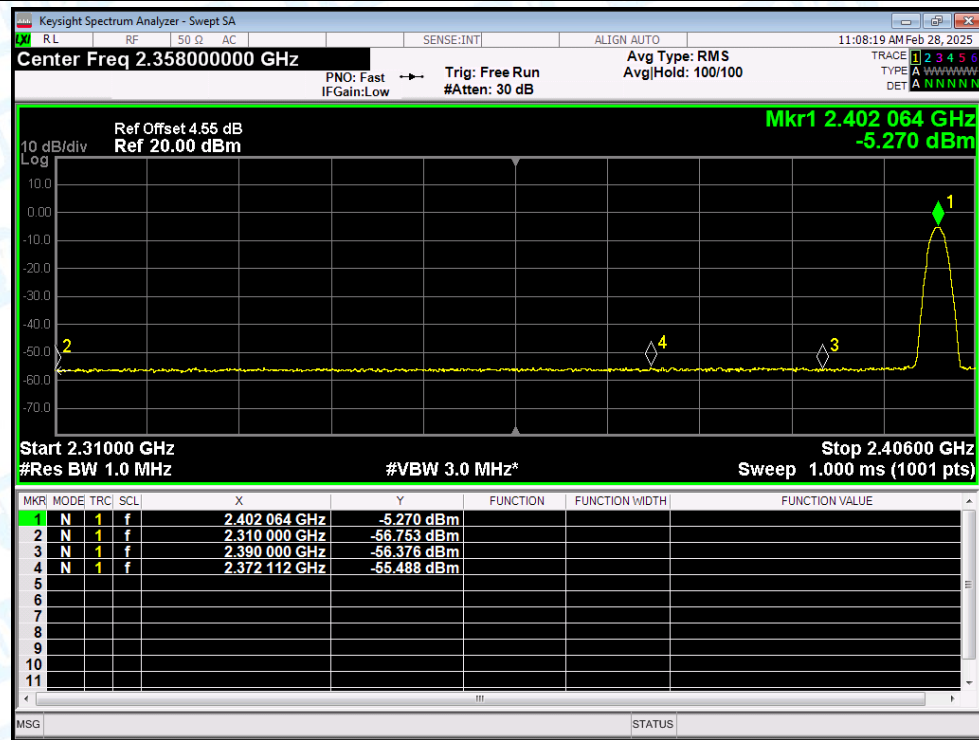
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



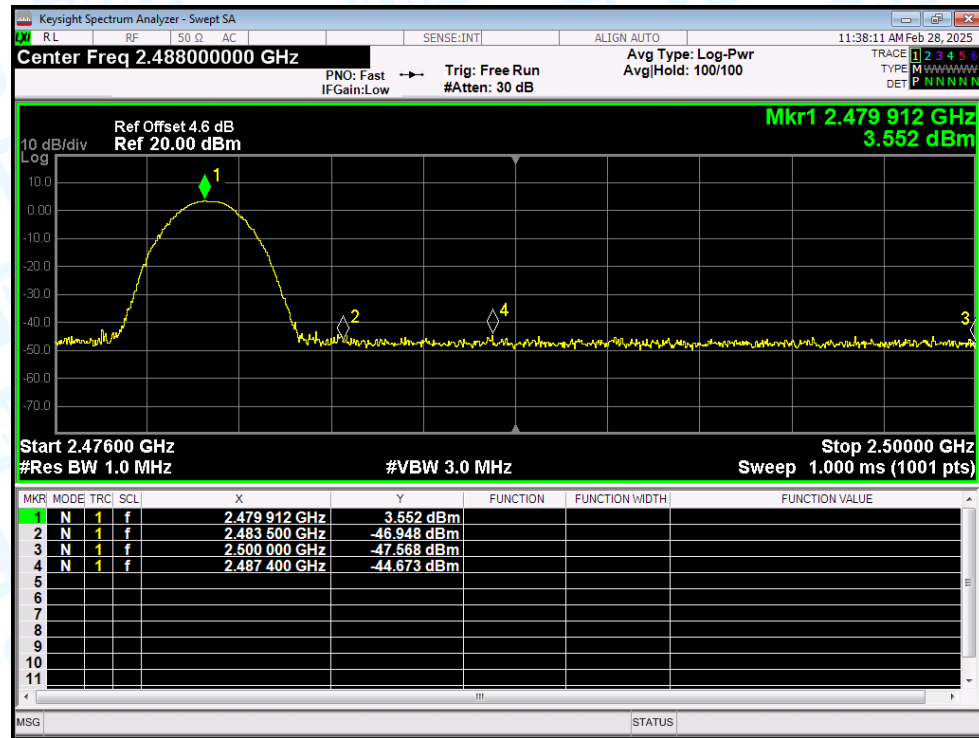
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



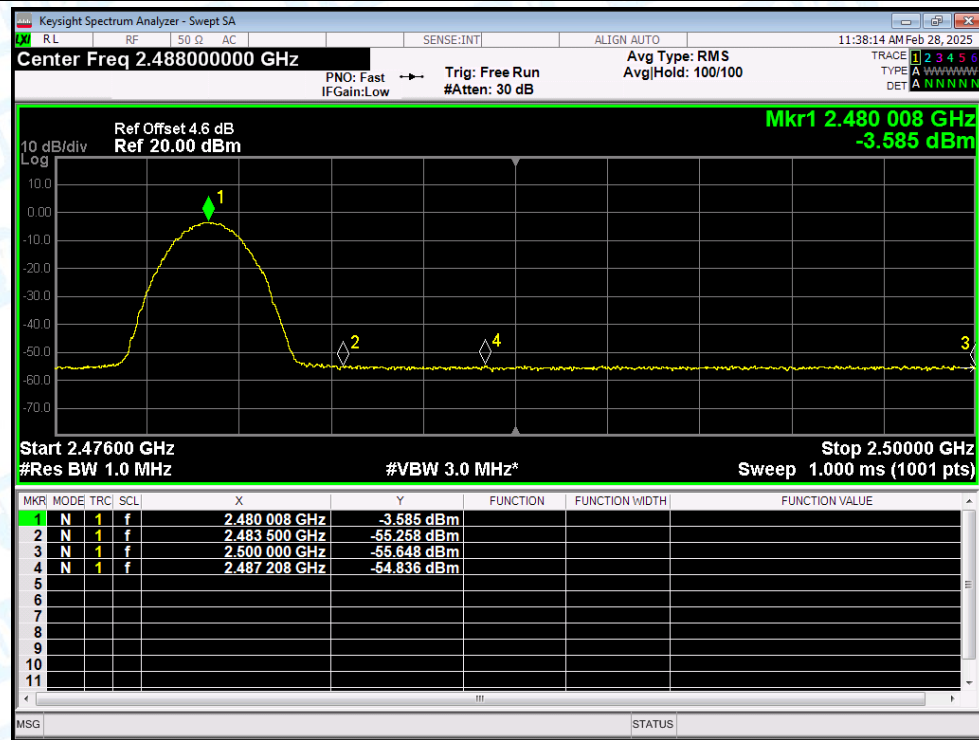
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Average

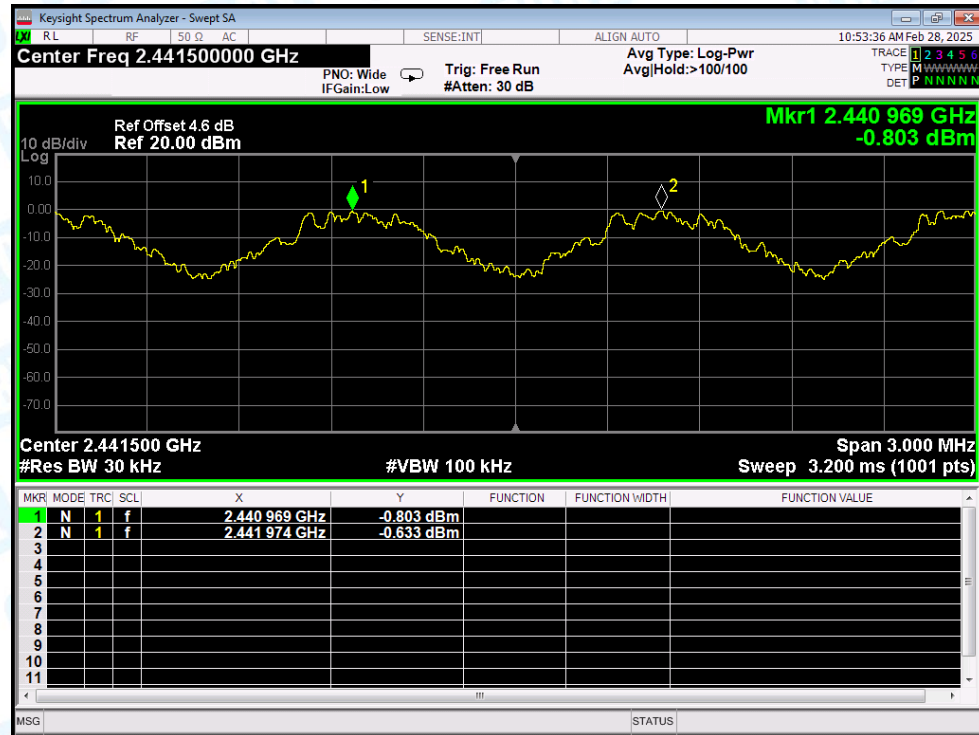


## 8. Carrier Frequencies Separation

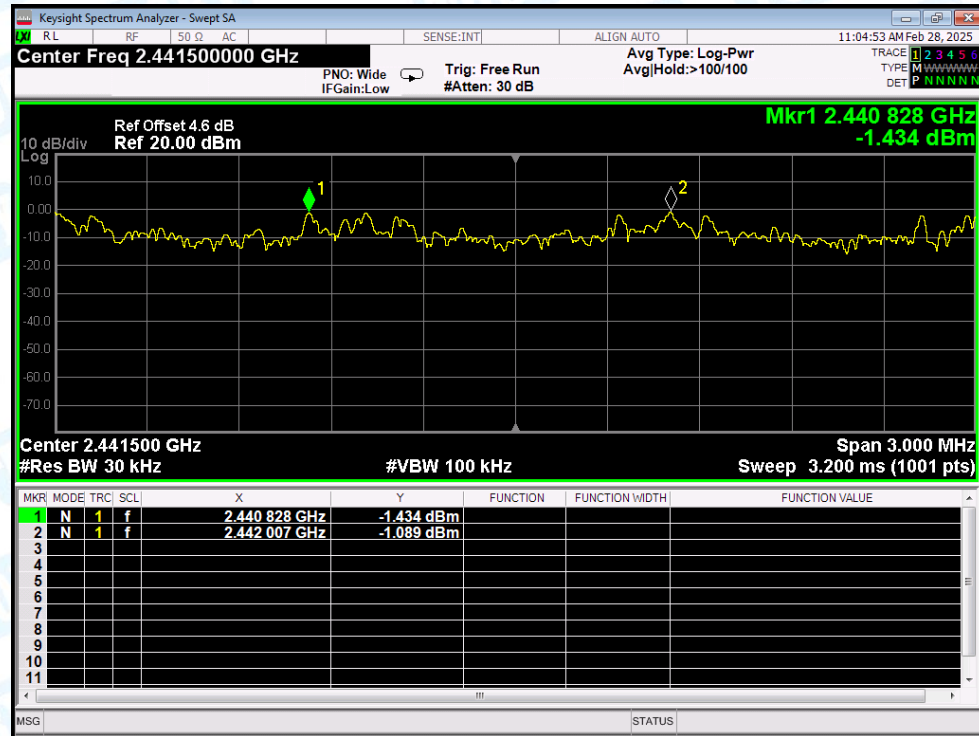
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2440.969            | 2441.974            | 1.005     | 0.62        | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.828            | 2442.007            | 1.179     | 0.827       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2440.987            | 2442.007            | 1.02      | 0.807       | Pass    |

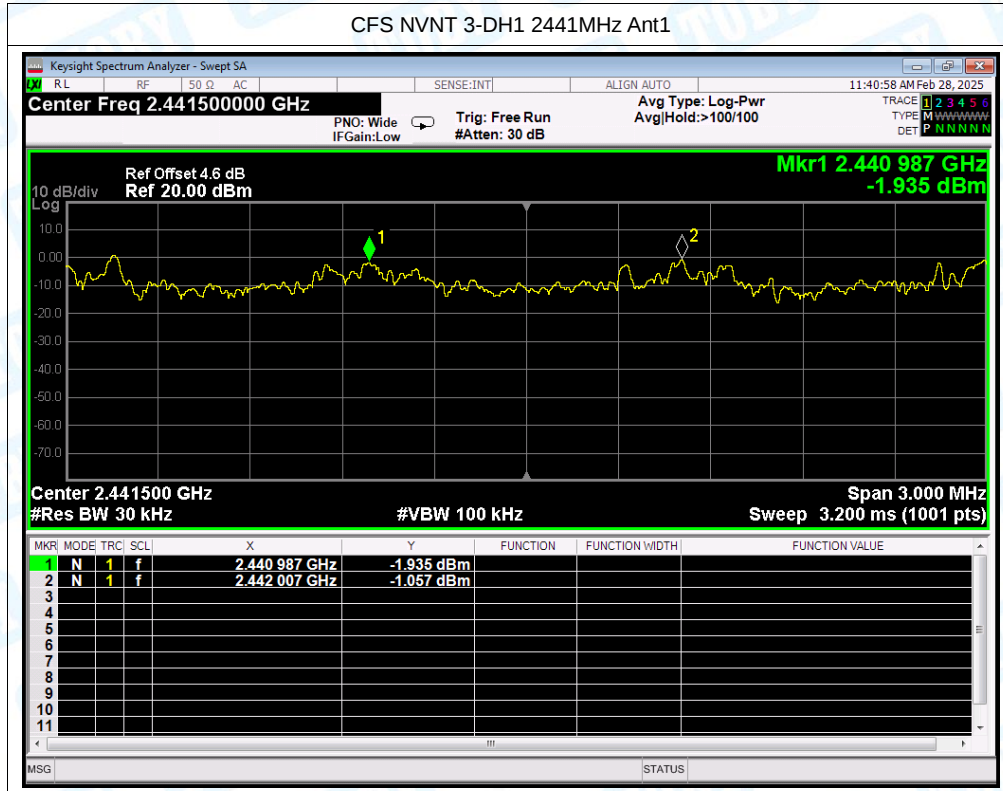
### Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



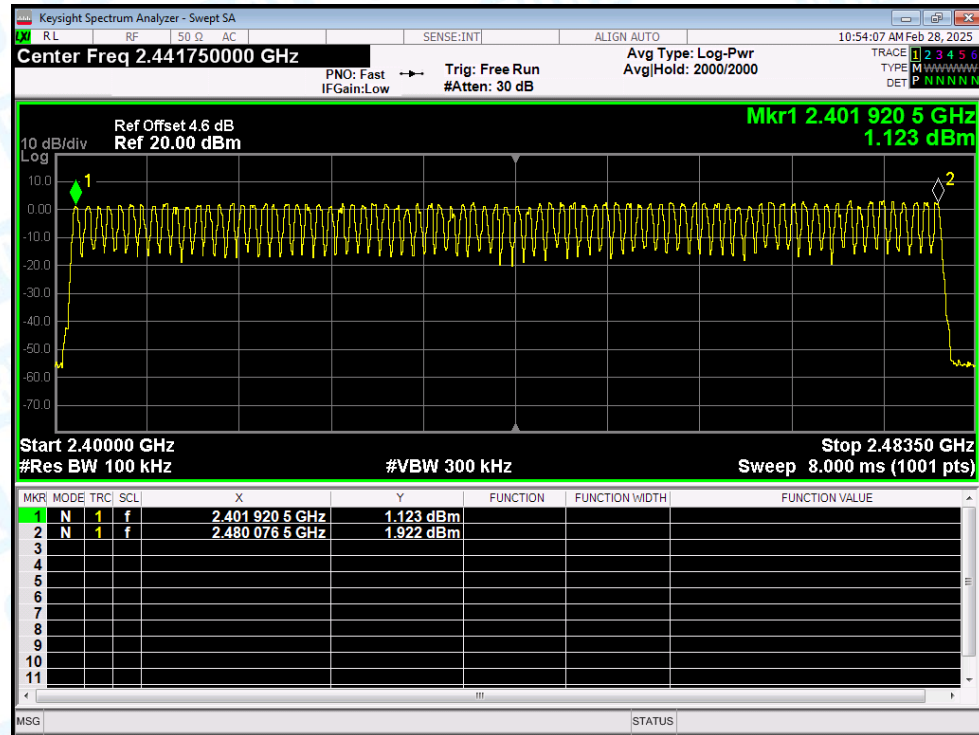


9. Number of Hopping Channel

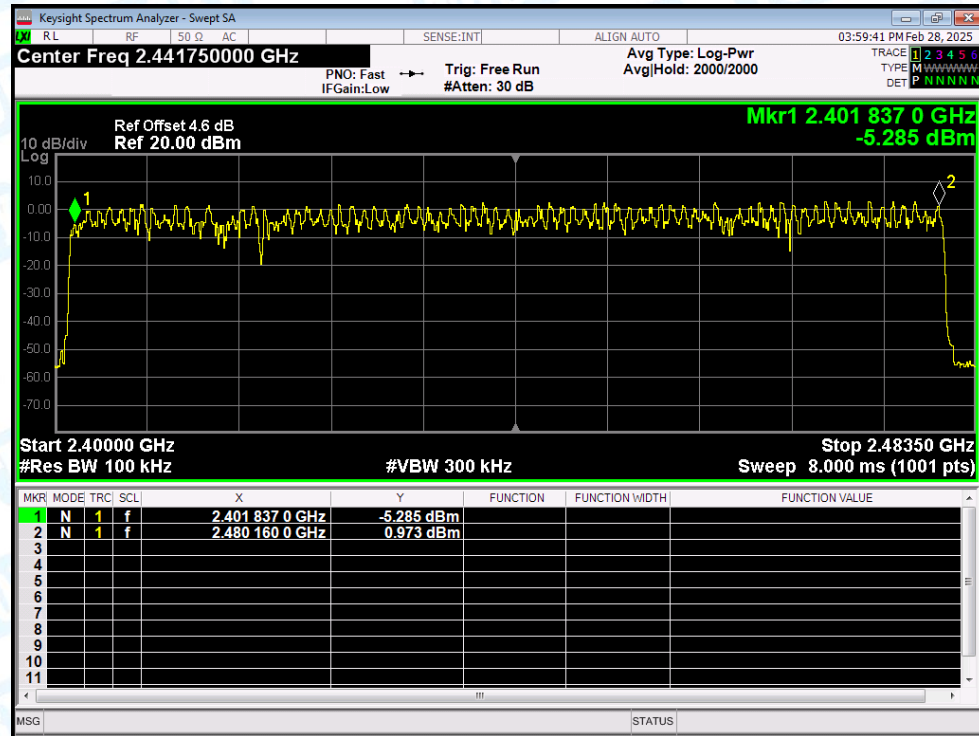
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79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

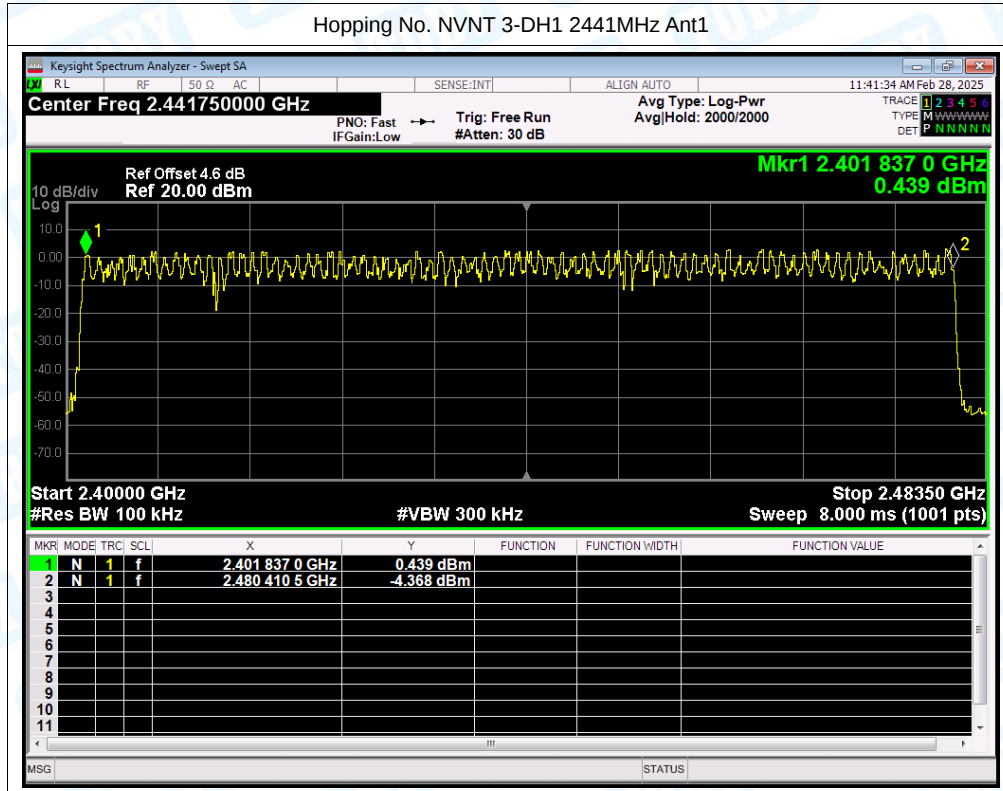
### Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



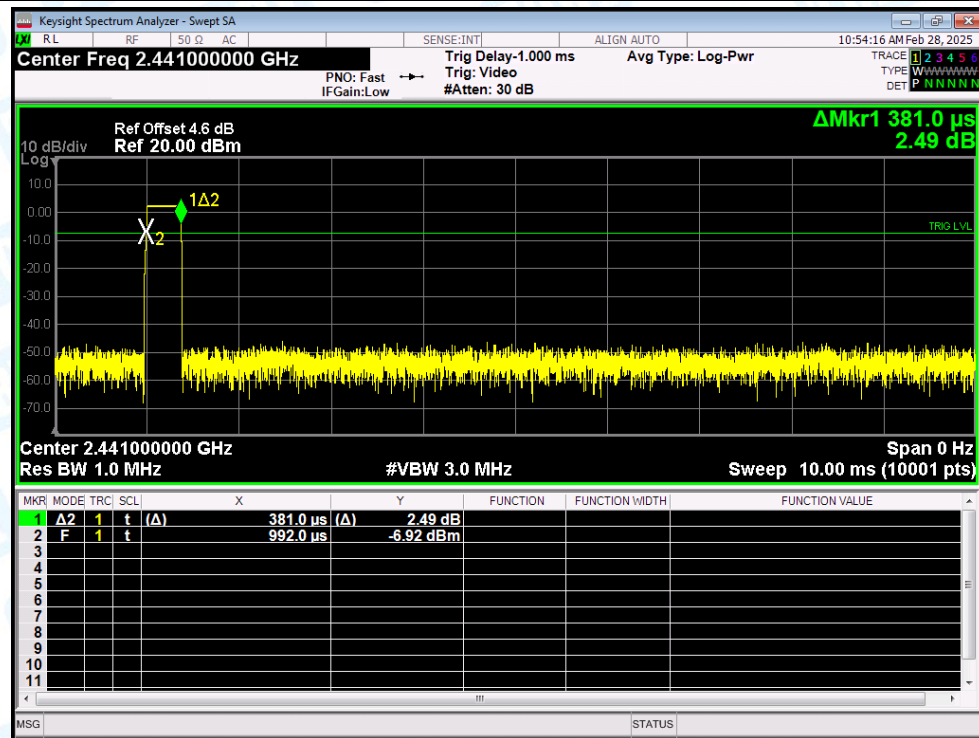


## 10. Dwell Time

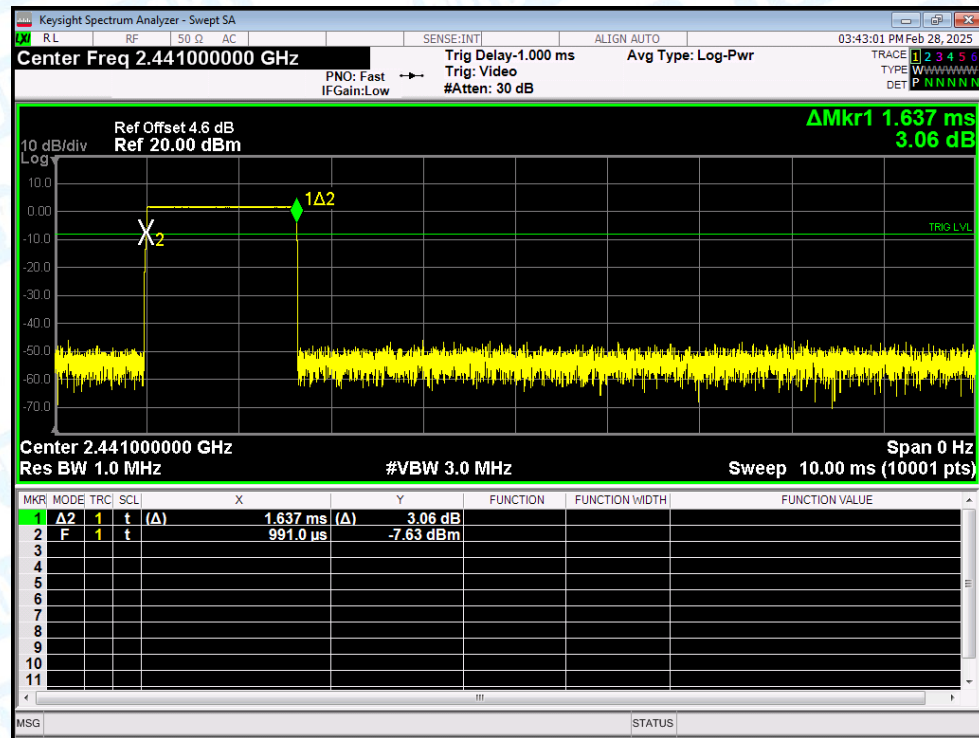
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.381           | 121.92                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.637           | 261.92                | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.886           | 307.84                | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.391           | 125.12                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.643           | 262.88                | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.891           | 308.373               | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.391           | 125.12                | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.64            | 262.4                 | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.892           | 308.48                | 31600            | 400        | Pass    |

### Test Graphs

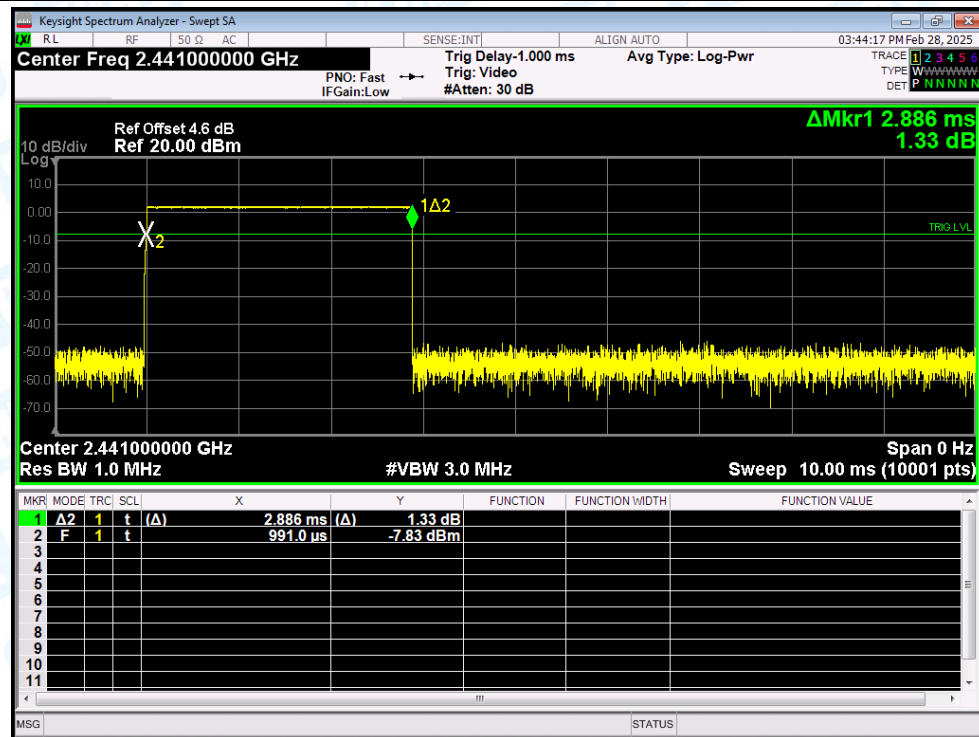
#### Dwell NVNT 1-DH1 2441MHz Ant1



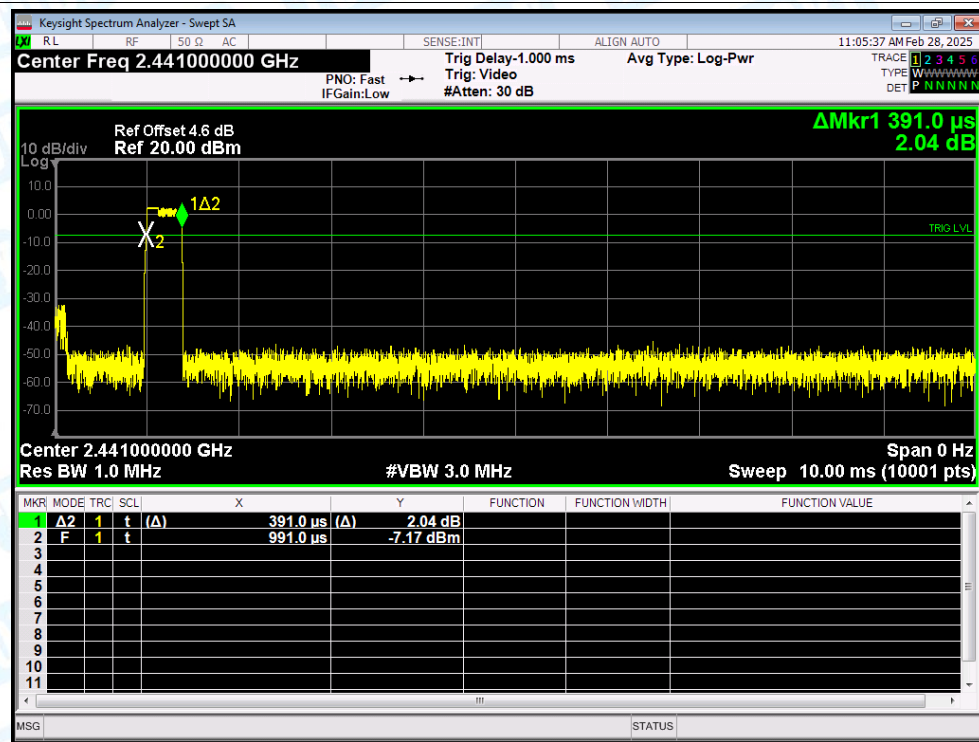
#### Dwell NVNT 1-DH3 2441MHz Ant1



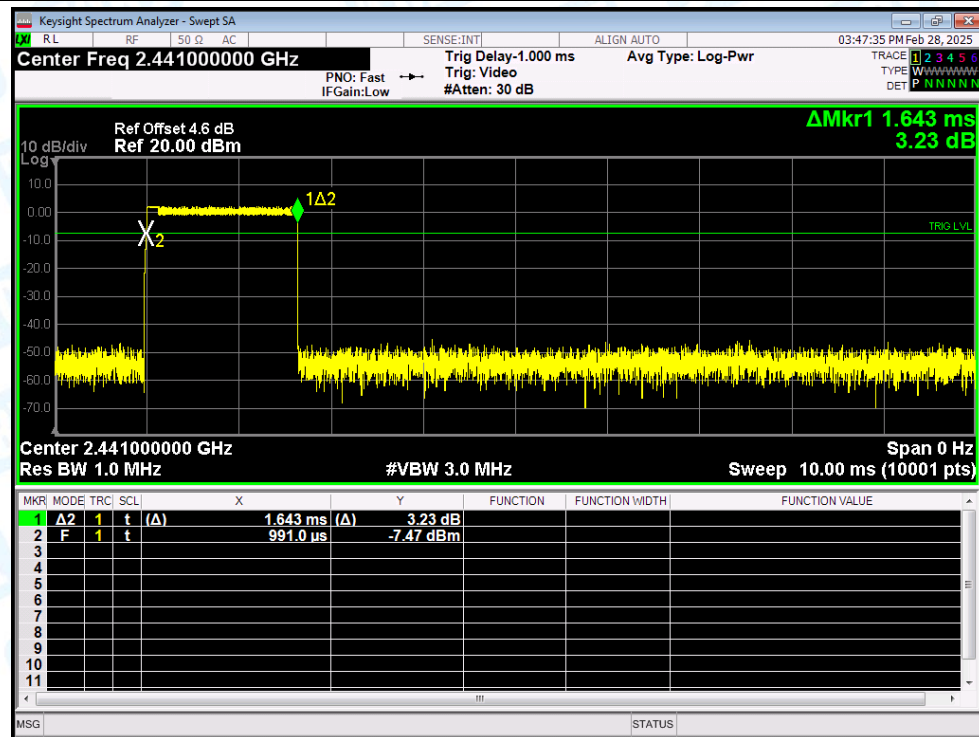
Dwell NVNT 1-DH5 2441MHz Ant1



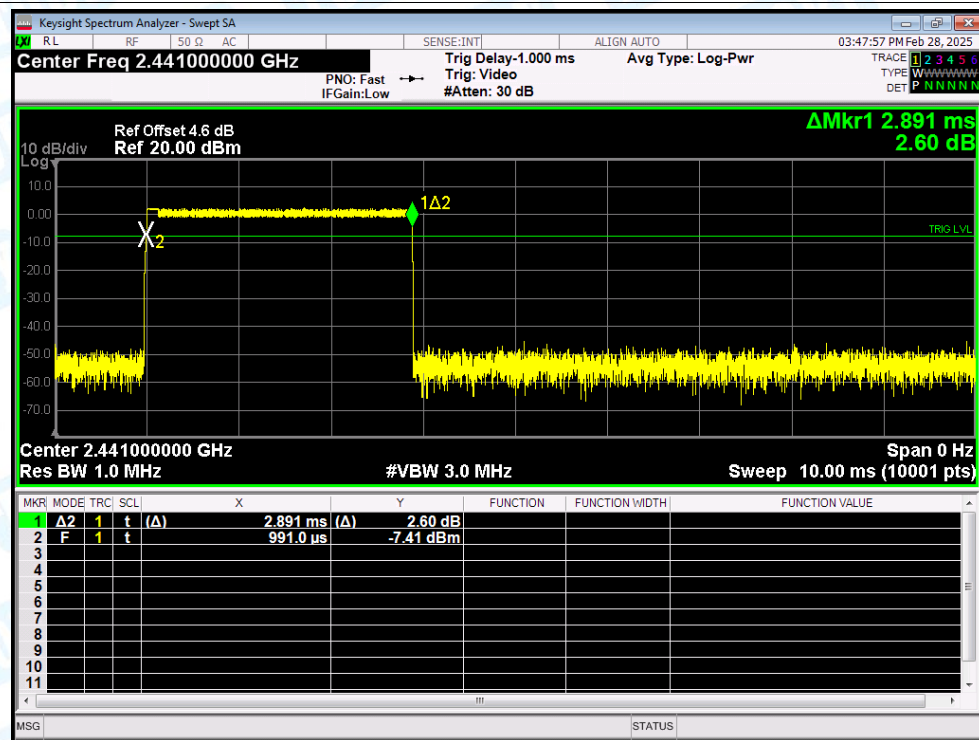
Dwell NVNT 2-DH1 2441MHz Ant1



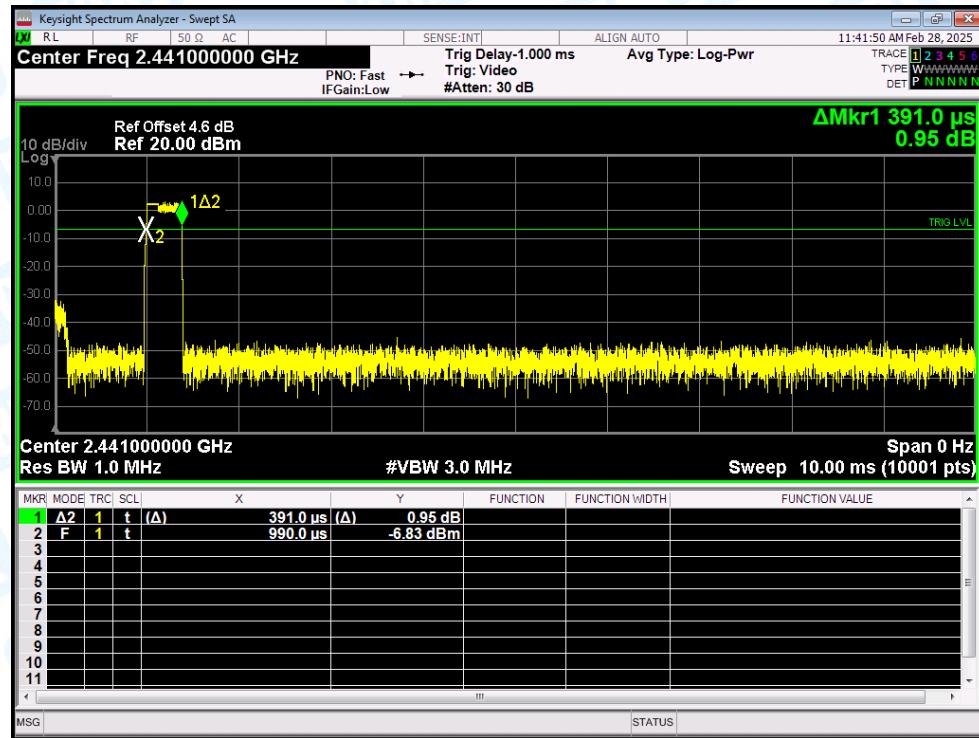
Dwell NVNT 2-DH3 2441MHz Ant1



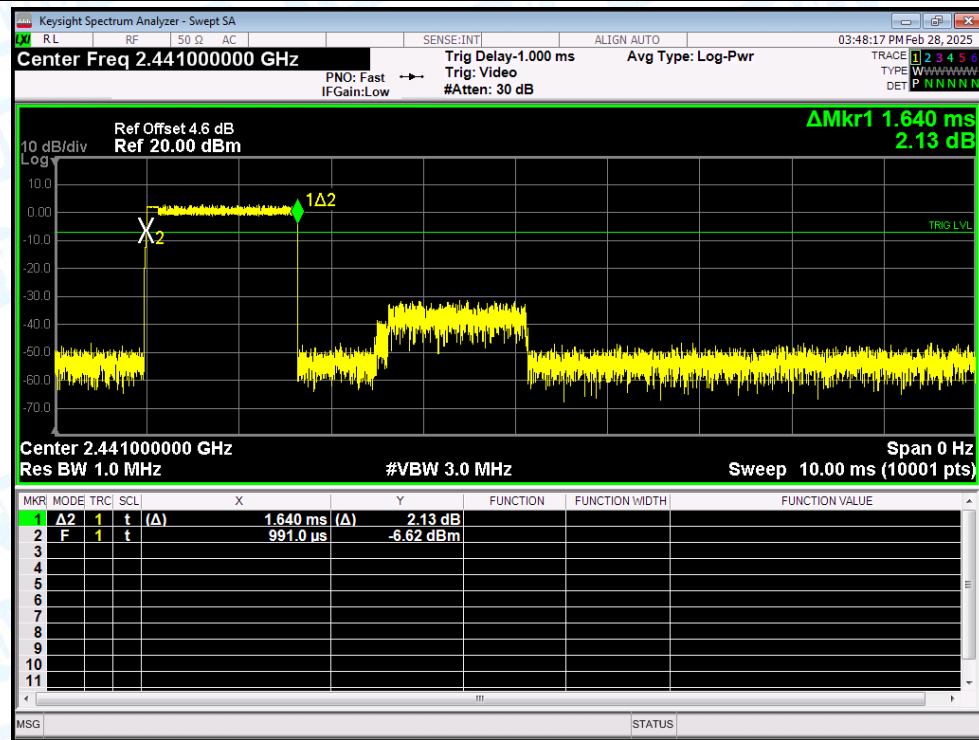
Dwell NVNT 2-DH5 2441MHz Ant1

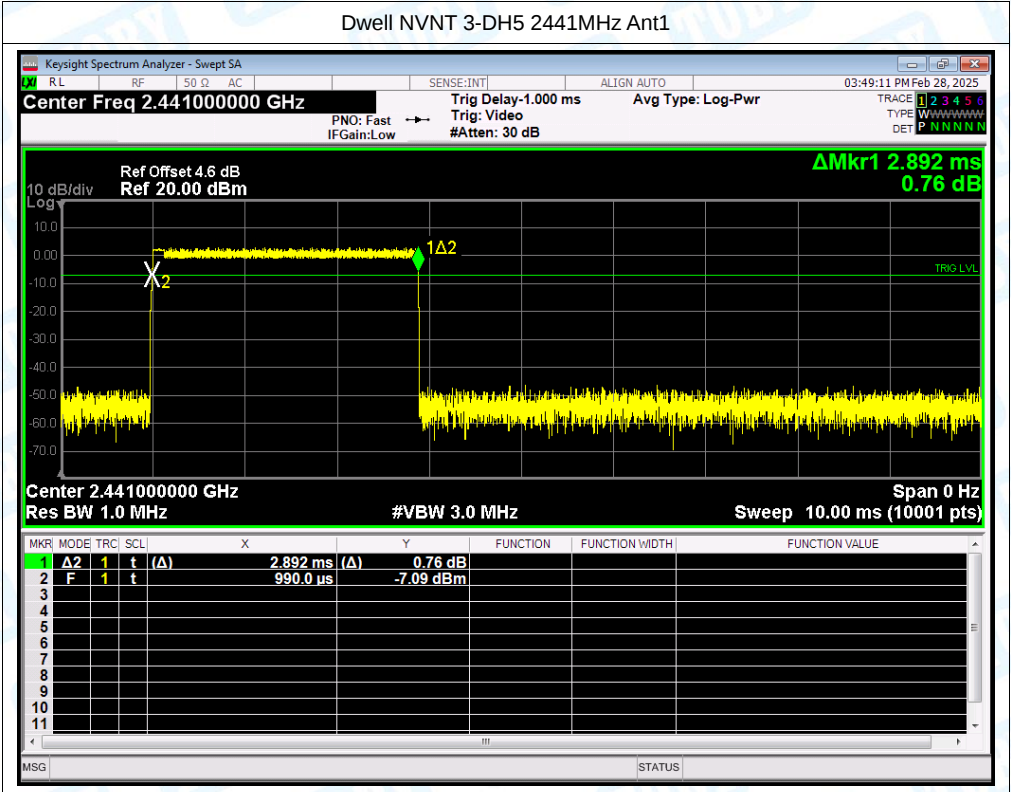


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





--- END OF REPORT ---