

# RF Test Data for Bluetooth (Conducted Measurements)

| General Description of EUT                                                                                                                  |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Product Name:                                                                                                                               | Wearable Wireless speaker |
| Test Model:                                                                                                                                 | WS16                      |
| Sample ID:                                                                                                                                  | HC-C-202411-0278-01-01    |
| Environmental Conditions                                                                                                                    |                           |
| Temperature:                                                                                                                                | 24.6℃                     |
| Relative Humidity:                                                                                                                          | 52.3%                     |
| Test Voltage:                                                                                                                               | DC 3.7V                   |
| Test Engineer:                                                                                                                              | Dawson                    |
| Note: For a more detailed features description, please refer to the report TBR-C-202411-0278-5<br>The report only show the worst case data. |                           |

## Contents

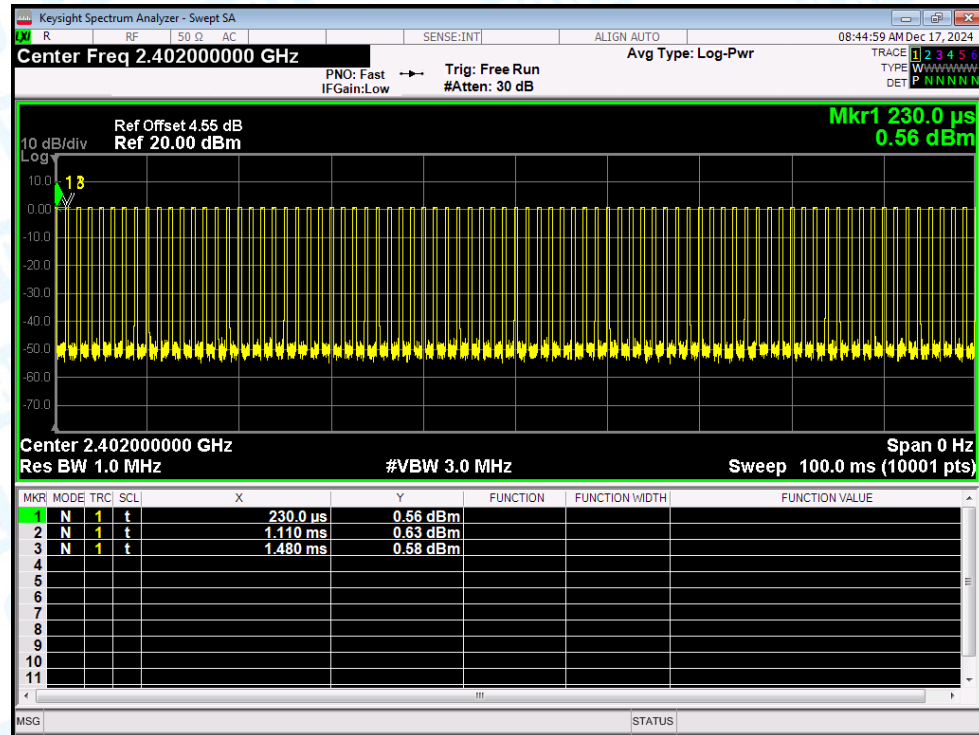
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## 1. Duty Cycle

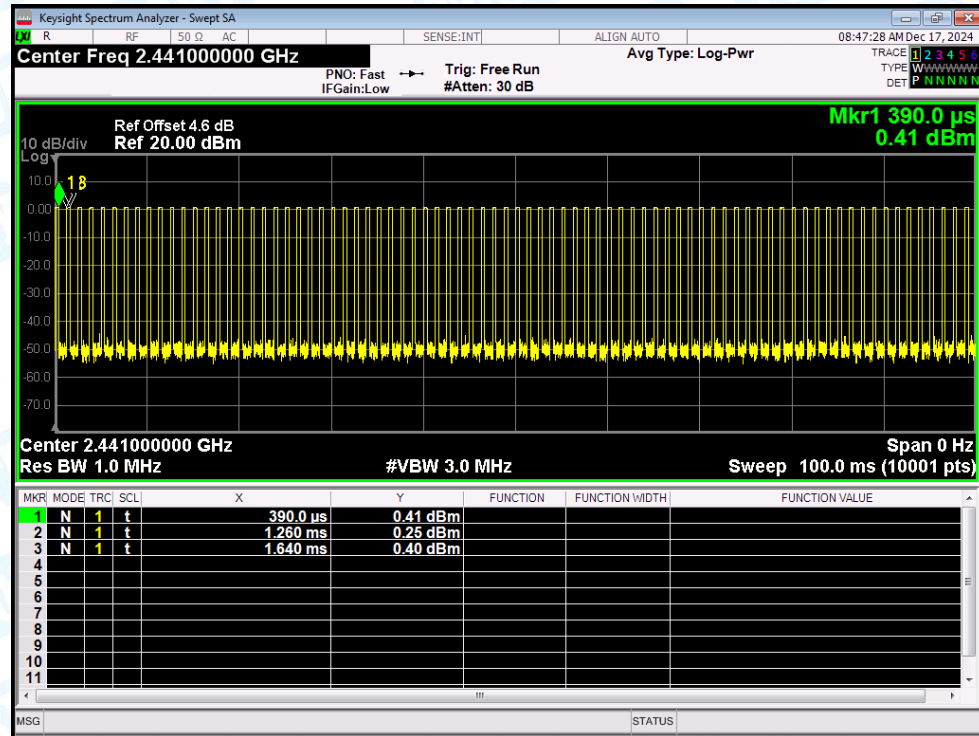
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 29.6           | 5.29                   | 2.7       |
| NVNT      | 1-DH1 | 2441            | Ant1    | 30.4           | 5.17                   | 2.63      |
| NVNT      | 1-DH1 | 2480            | Ant1    | 30.4           | 5.17                   | 2.63      |
| NVNT      | 2-DH1 | 2402            | Ant1    | 31.2           | 5.06                   | 2.56      |
| NVNT      | 2-DH1 | 2441            | Ant1    | 31.2           | 5.06                   | 2.56      |
| NVNT      | 2-DH1 | 2480            | Ant1    | 31.2           | 5.06                   | 2.56      |
| NVNT      | 3-DH1 | 2402            | Ant1    | 30.4           | 5.17                   | 2.63      |
| NVNT      | 3-DH1 | 2441            | Ant1    | 31.2           | 5.06                   | 2.56      |
| NVNT      | 3-DH1 | 2480            | Ant1    | 31.2           | 5.06                   | 2.56      |

### Test Graphs

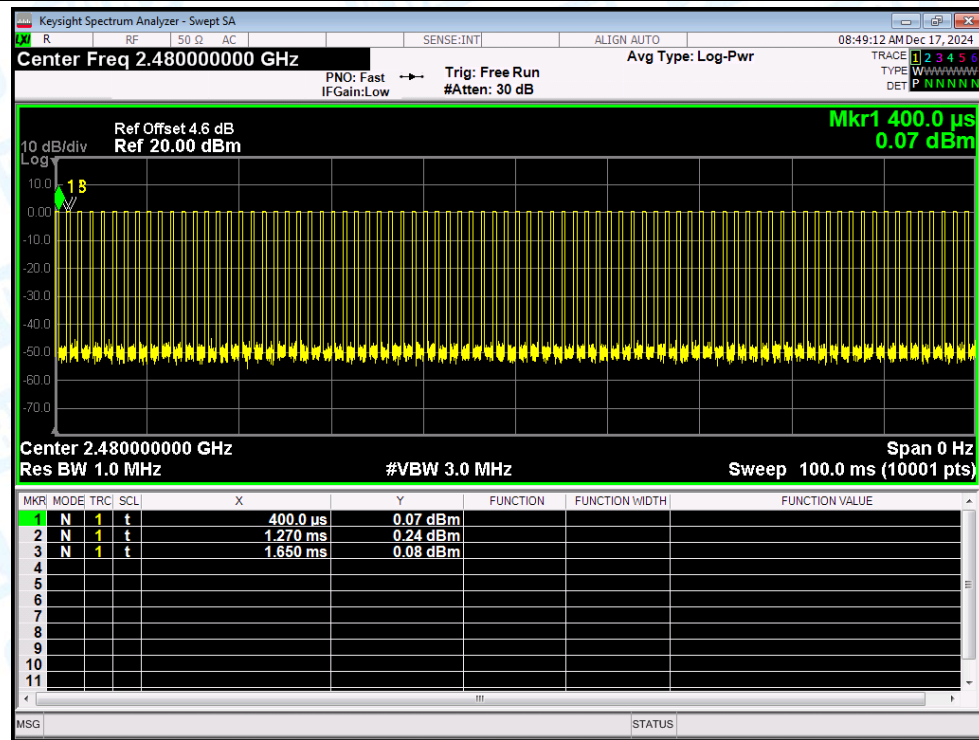
#### Duty Cycle NVNT 1-DH1 2402MHz Ant1



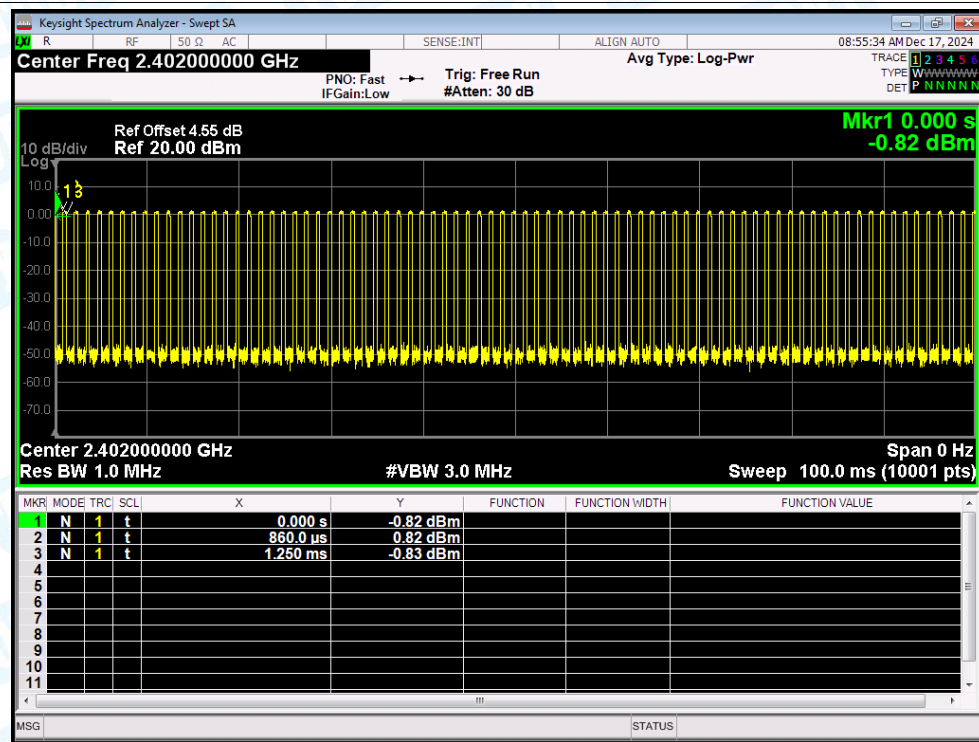
#### Duty Cycle NVNT 1-DH1 2441MHz Ant1



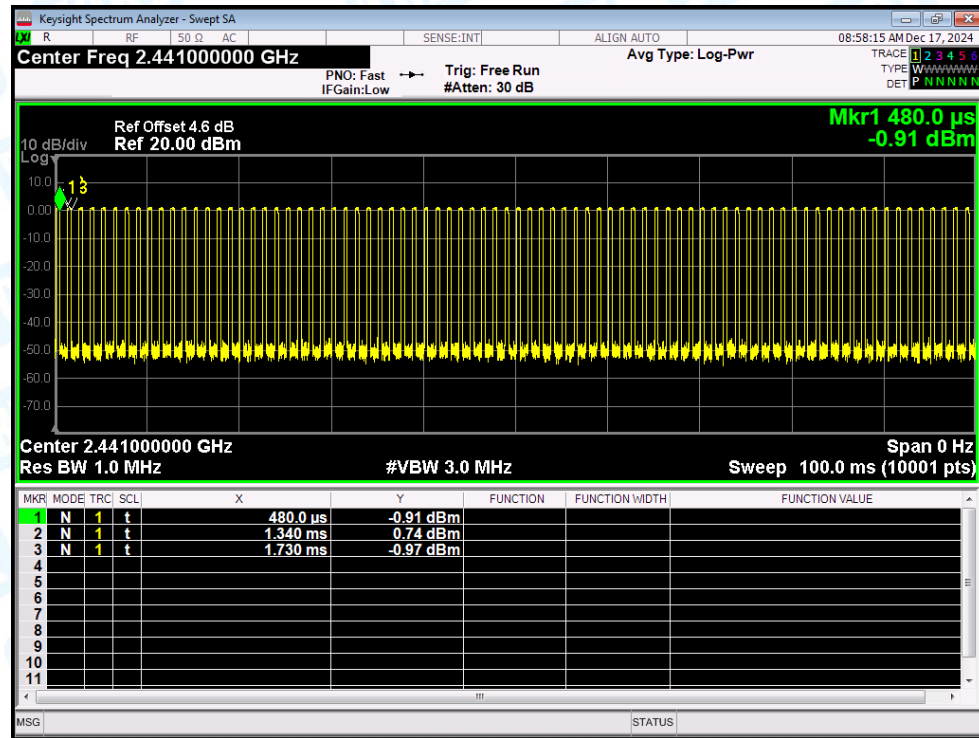
### Duty Cycle NVNT 1-DH1 2480MHz Ant1



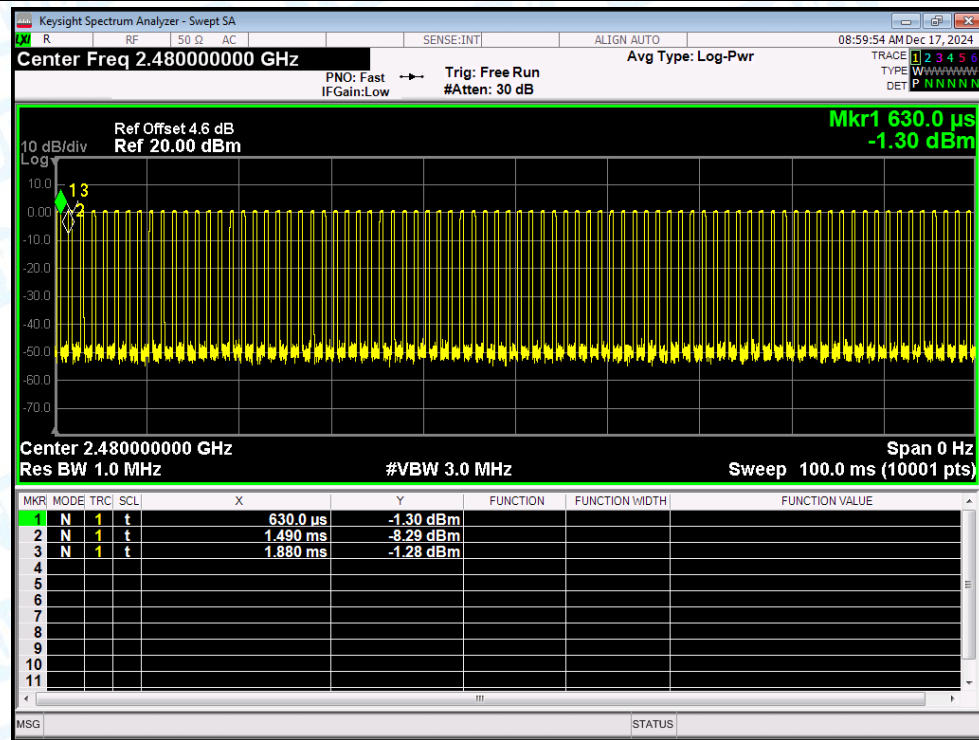
### Duty Cycle NVNT 2-DH1 2402MHz Ant1



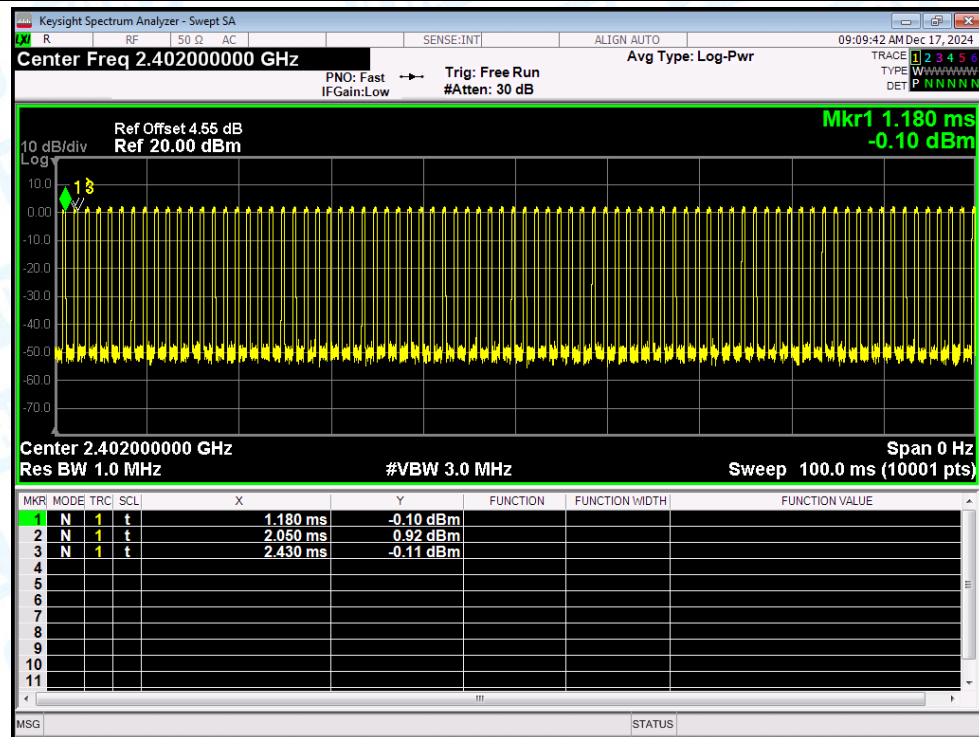
### Duty Cycle NVNT 2-DH1 2441MHz Ant1



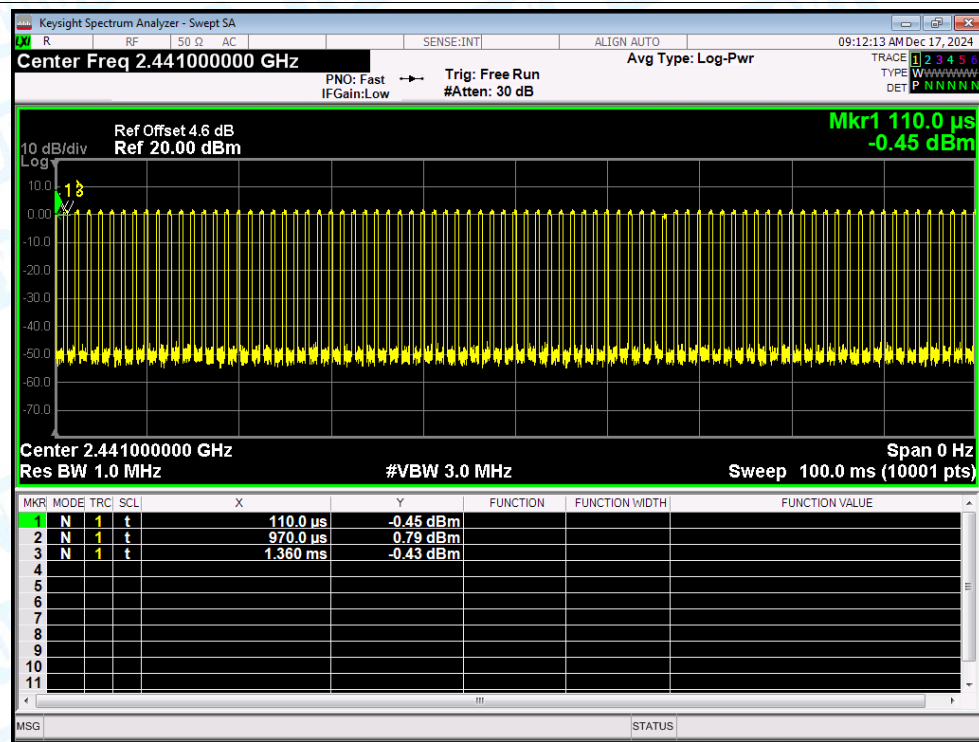
### Duty Cycle NVNT 2-DH1 2480MHz Ant1

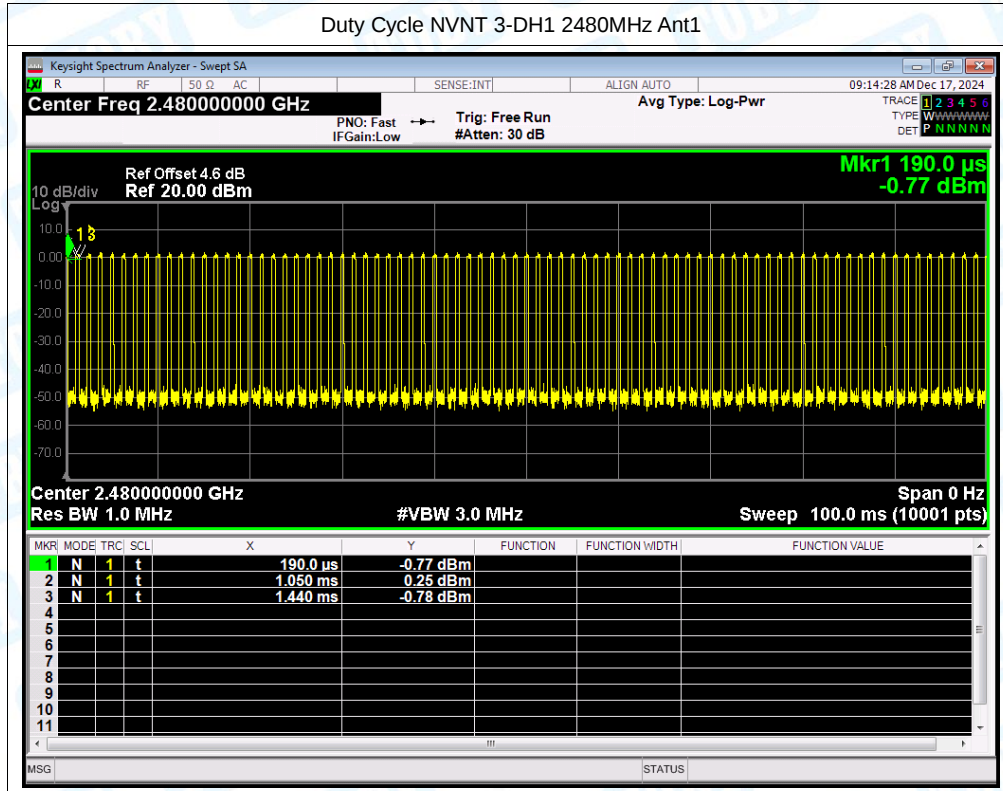


### Duty Cycle NVNT 3-DH1 2402MHz Ant1



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



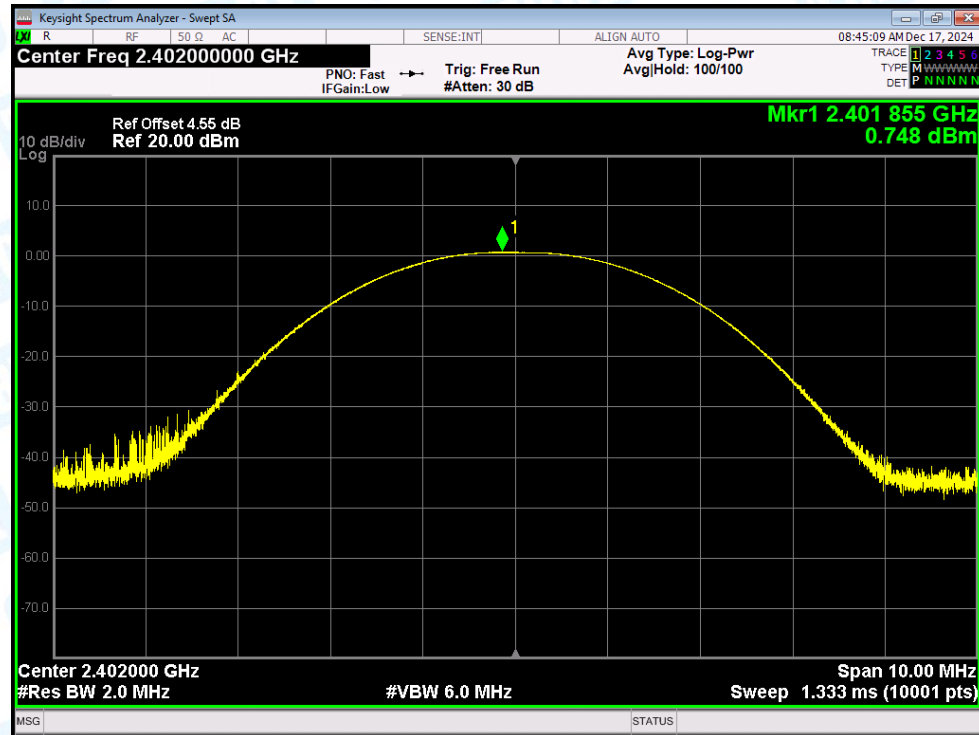


2. Maximum Conducted Output Power

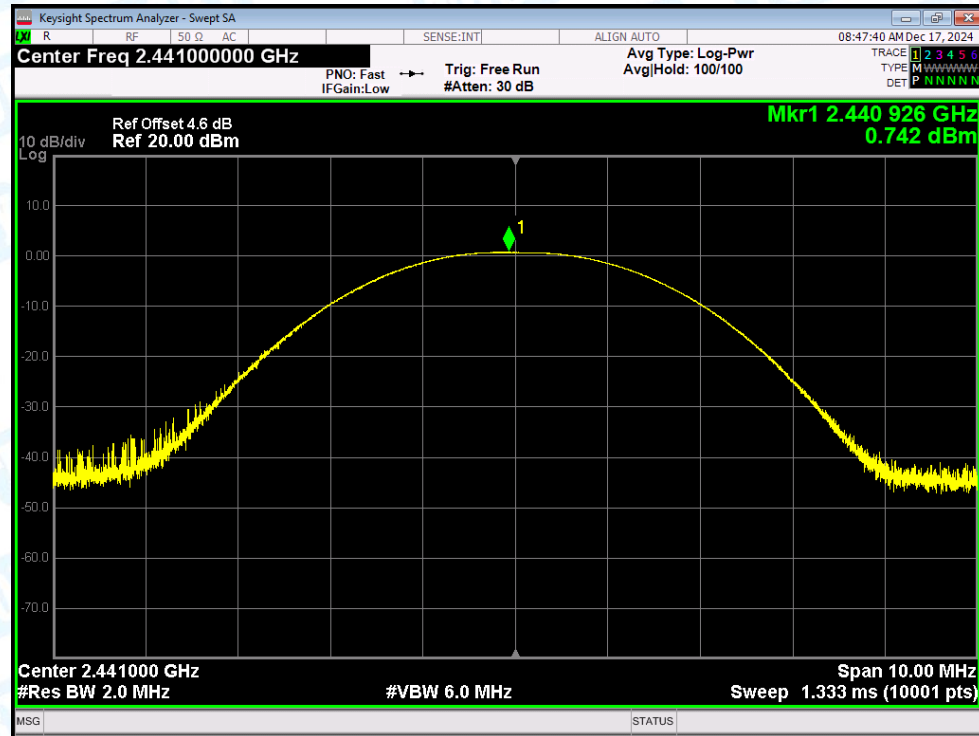
| Condition | Mode  | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.748             | 21          | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.742             | 21          | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.432             | 21          | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.74              | 21          | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.653             | 21          | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.342             | 21          | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 2.37              | 21          | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 2.307             | 21          | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.956             | 21          | Pass    |

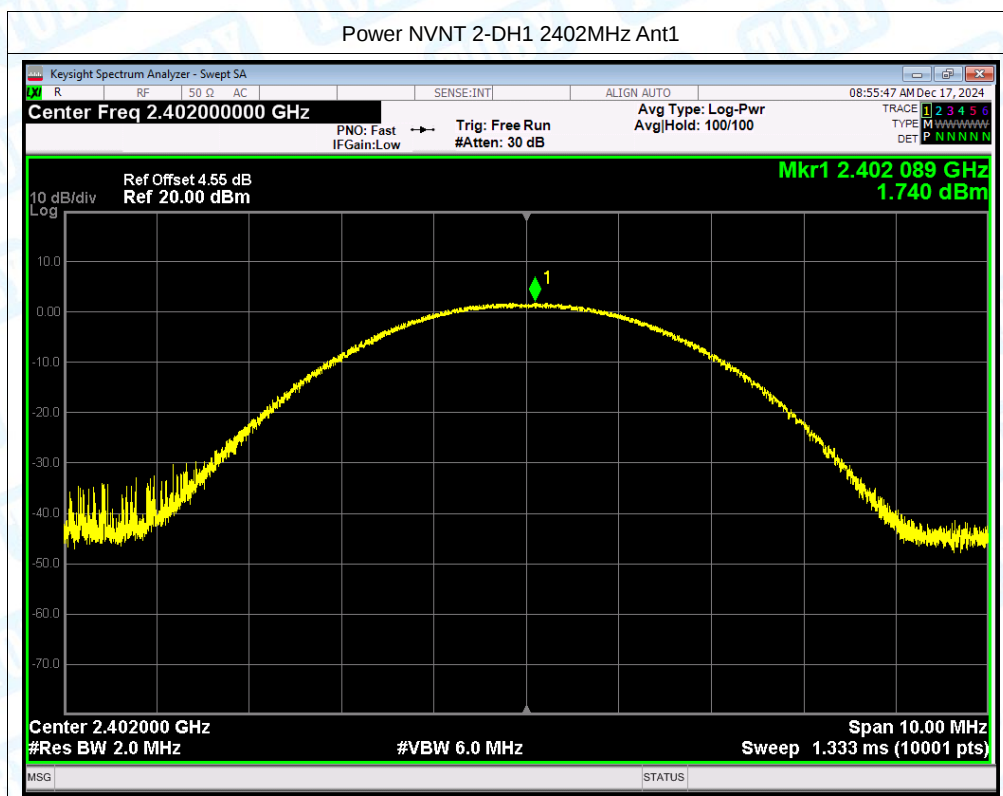
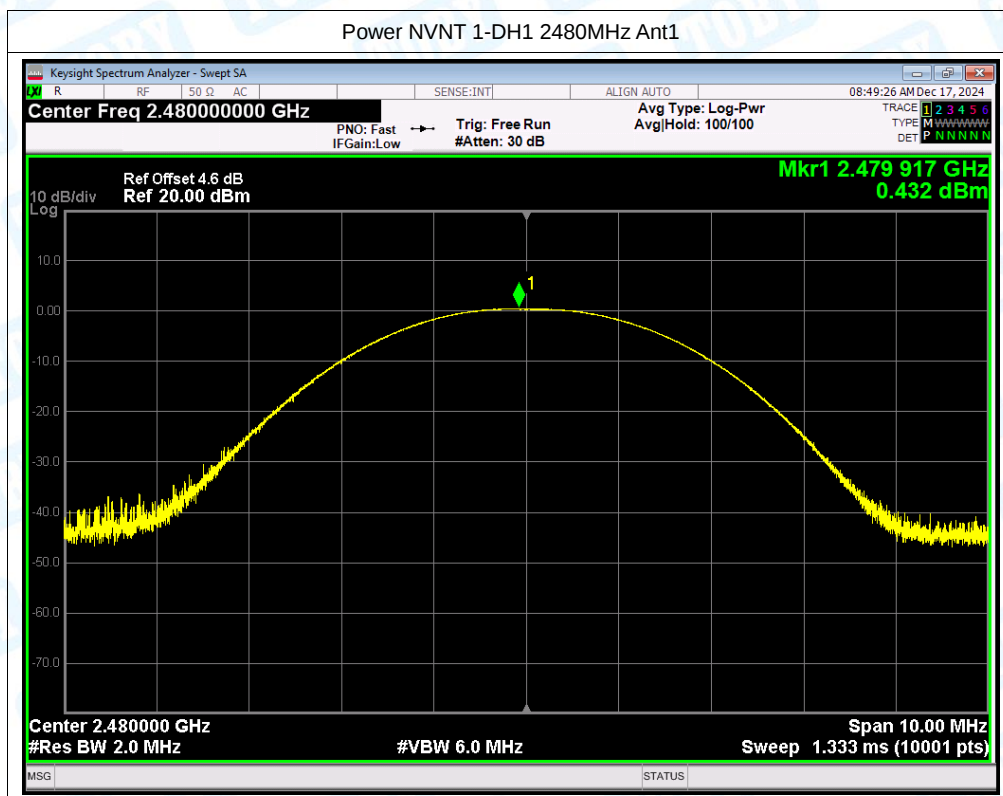
### Test Graphs

Power NVNT 1-DH1 2402MHz Ant1

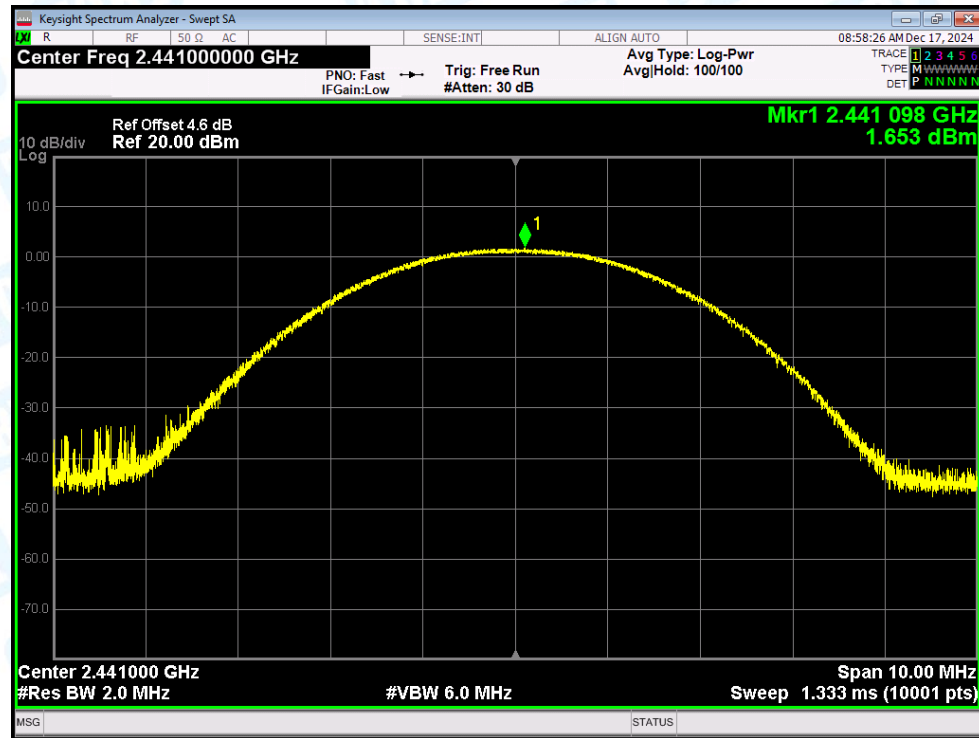


Power NVNT 1-DH1 2441MHz Ant1

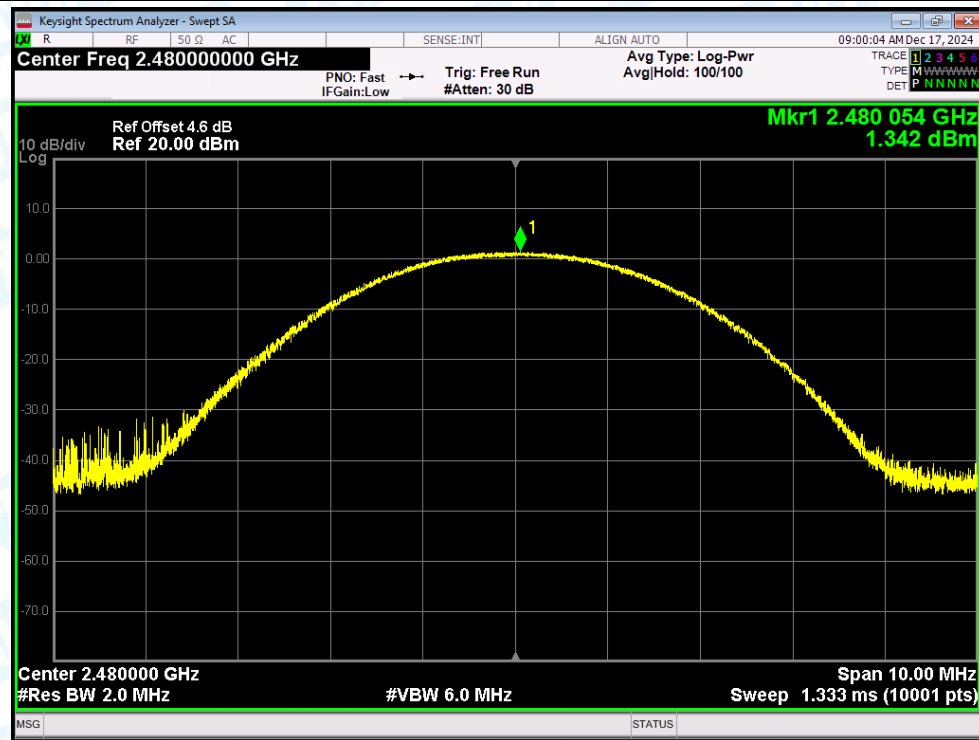




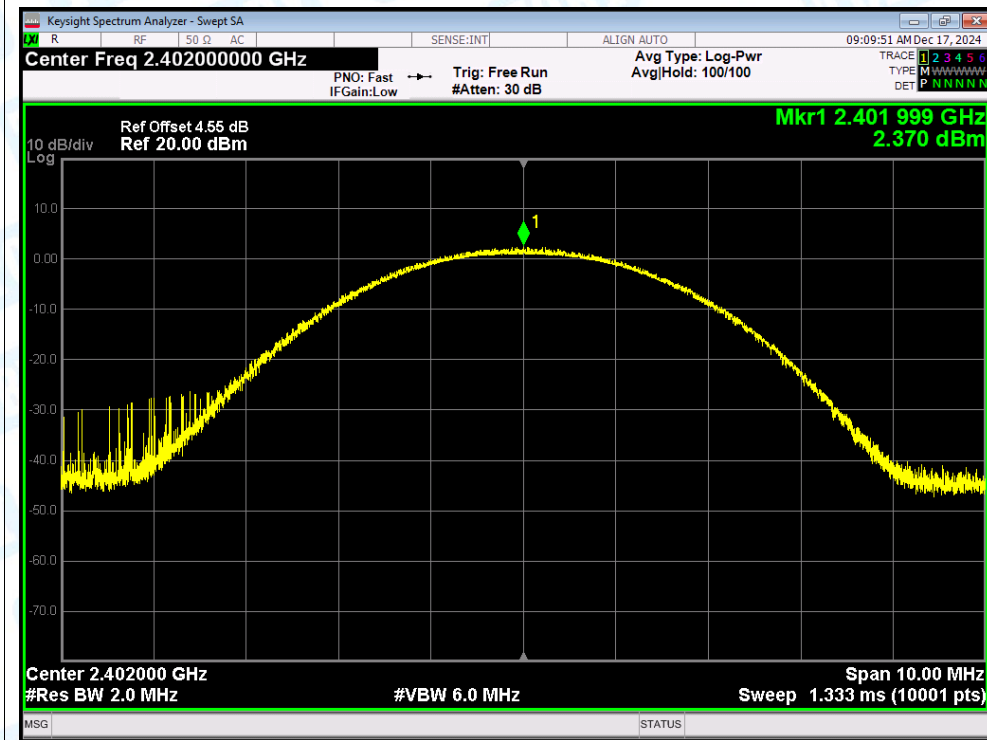
Power NVNT 2-DH1 2441MHz Ant1



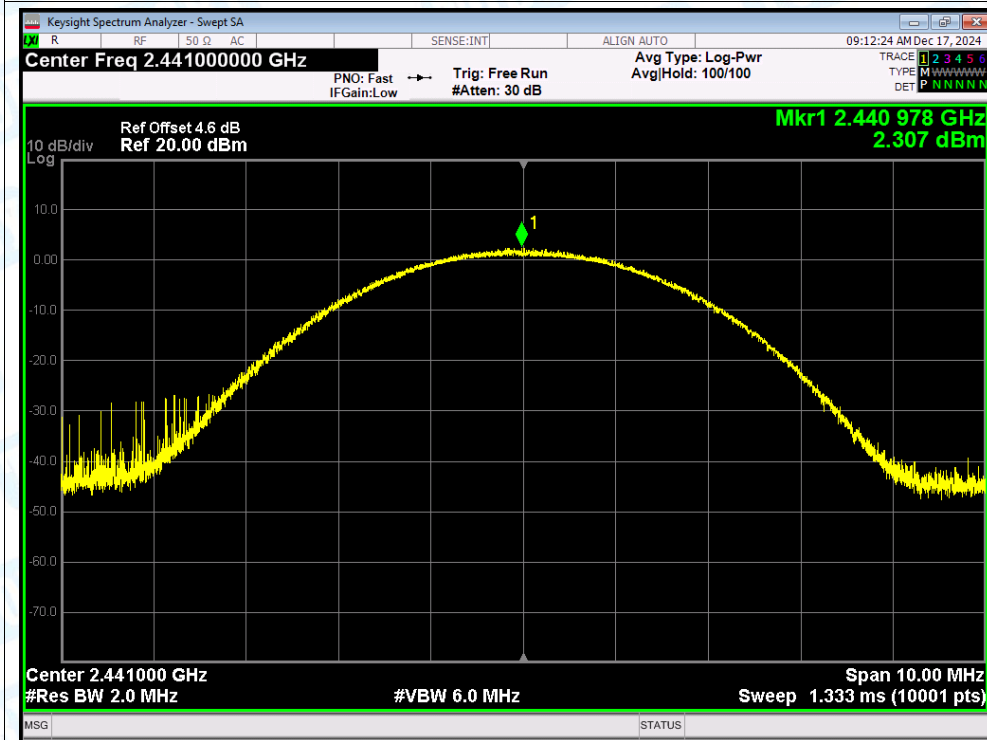
Power NVNT 2-DH1 2480MHz Ant1

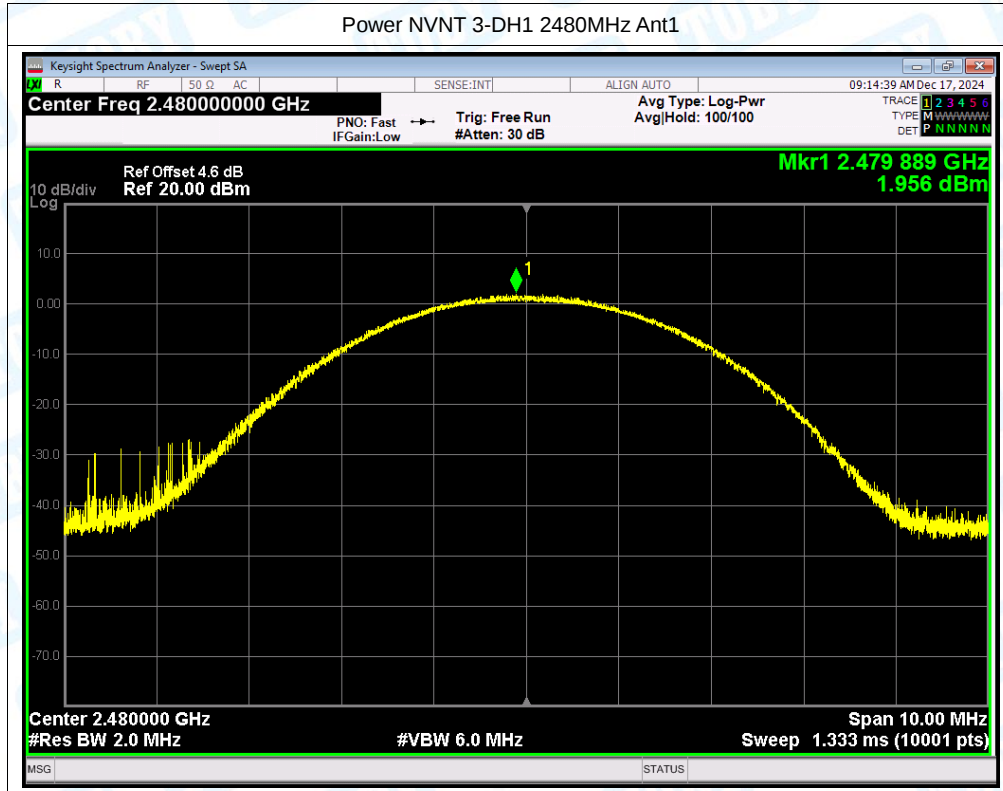


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



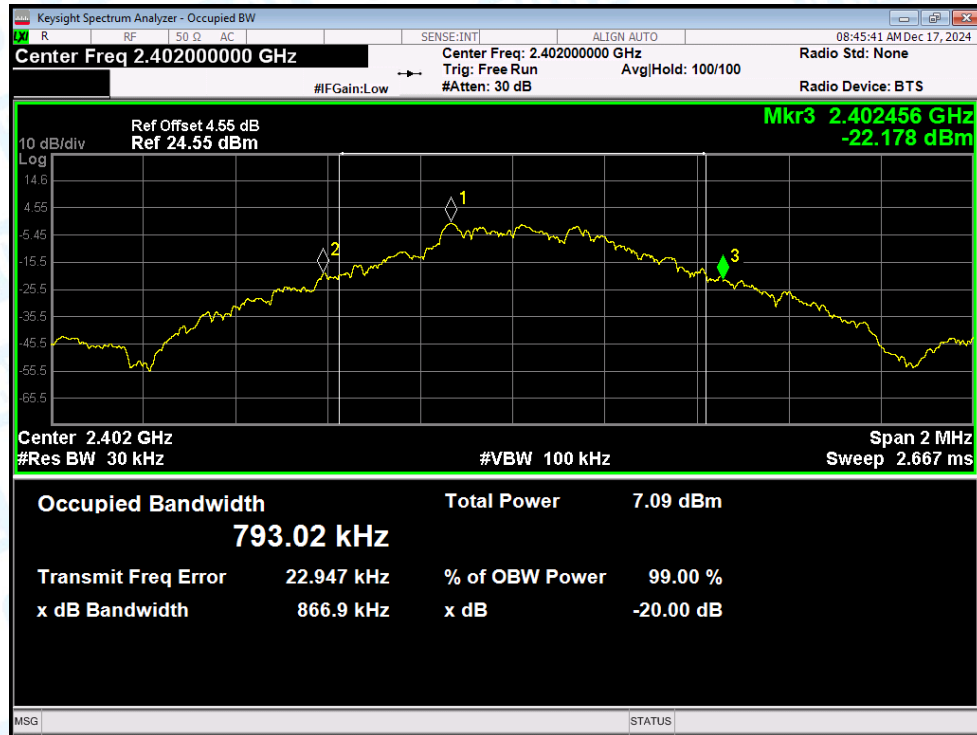


### 3. -20dB Bandwidth

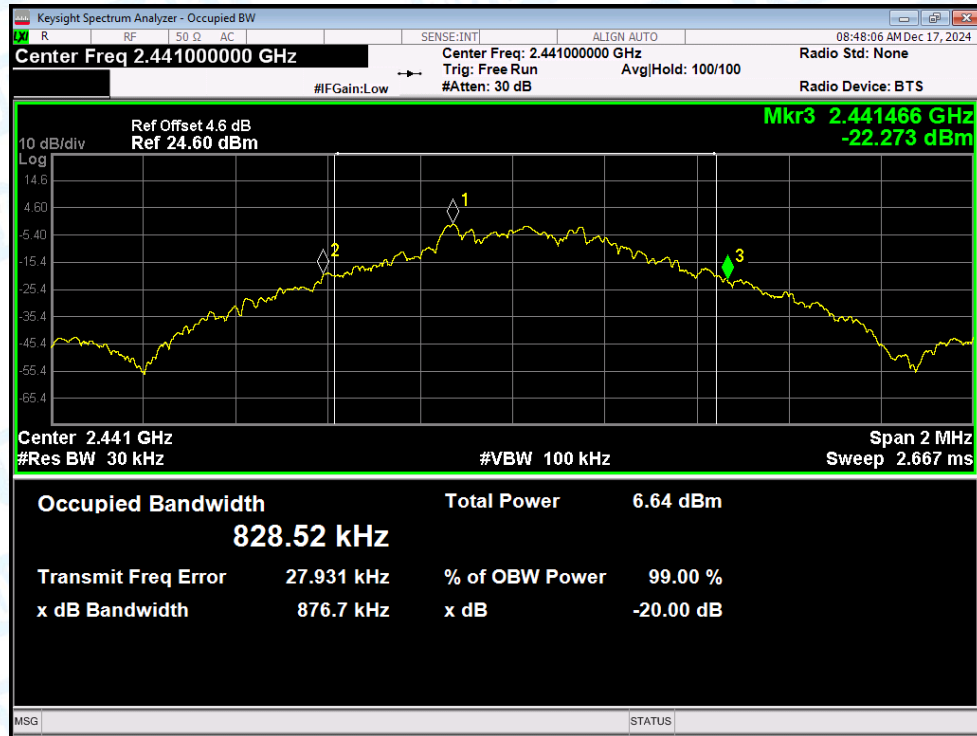
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.87                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.88                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.87                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.21                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.25                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.24                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.22                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.2                    | 0                            | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.19                   | 0                            | Pass    |

## Test Graphs

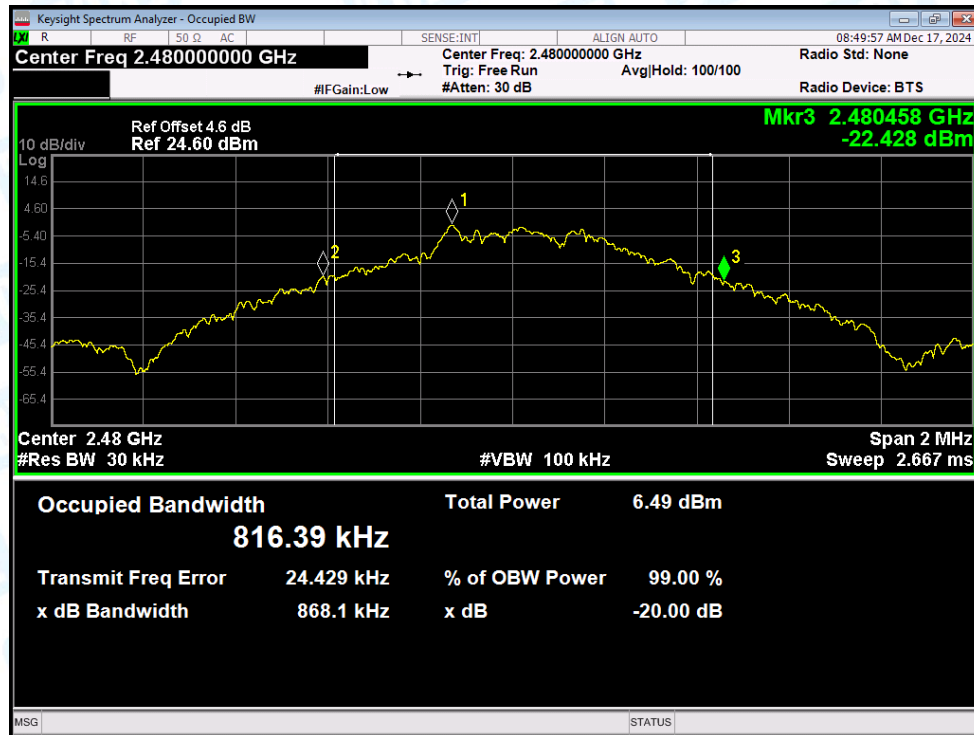
### -20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



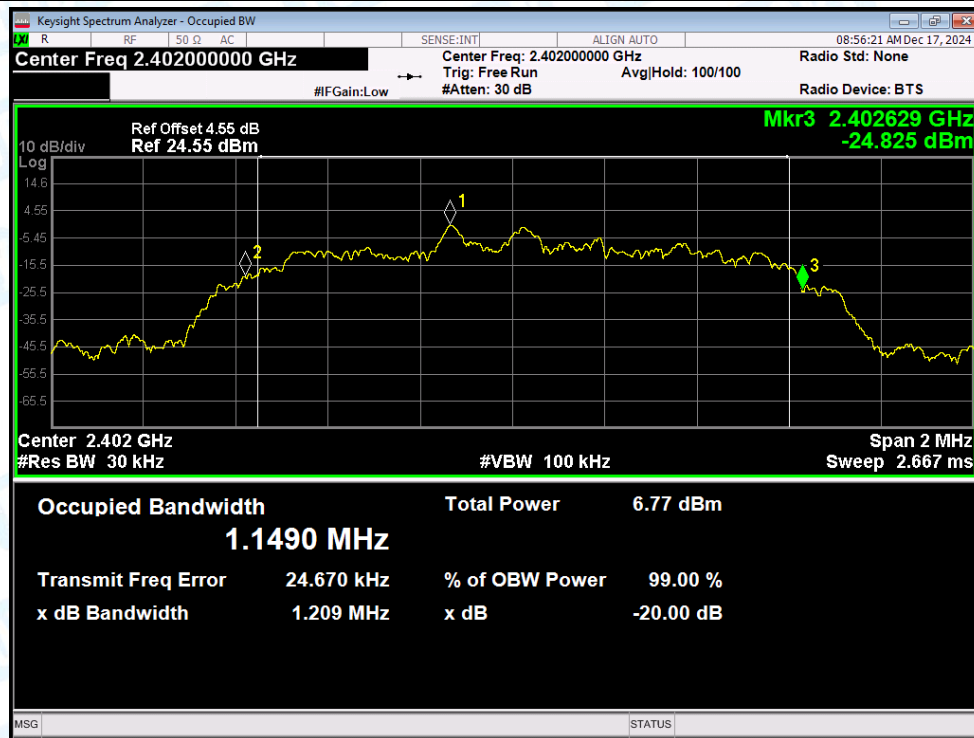
### -20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



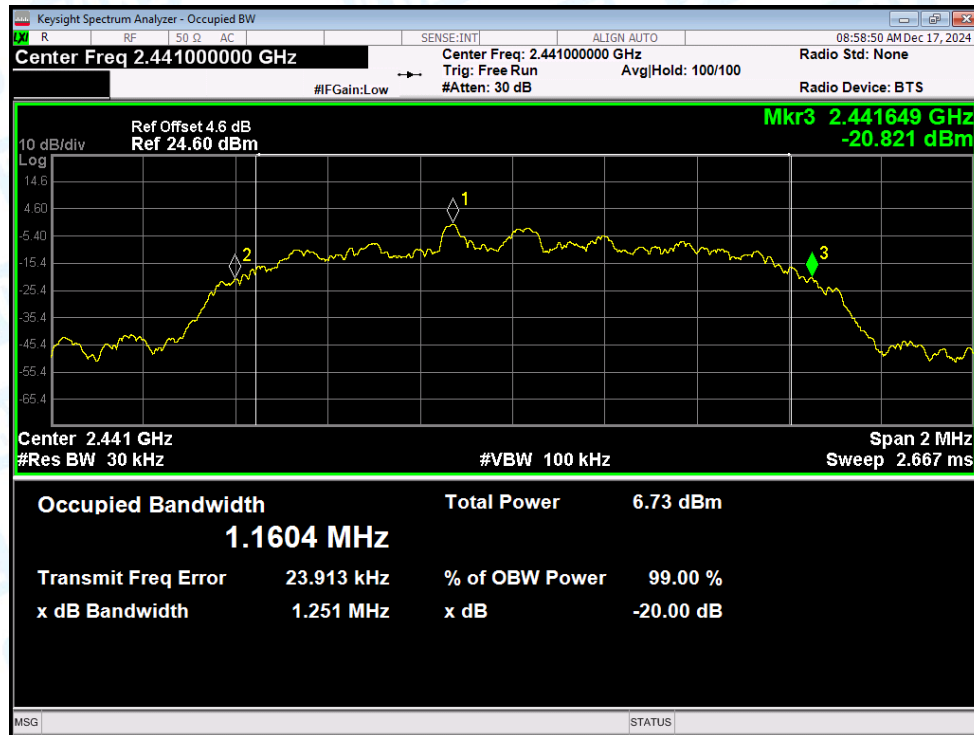
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



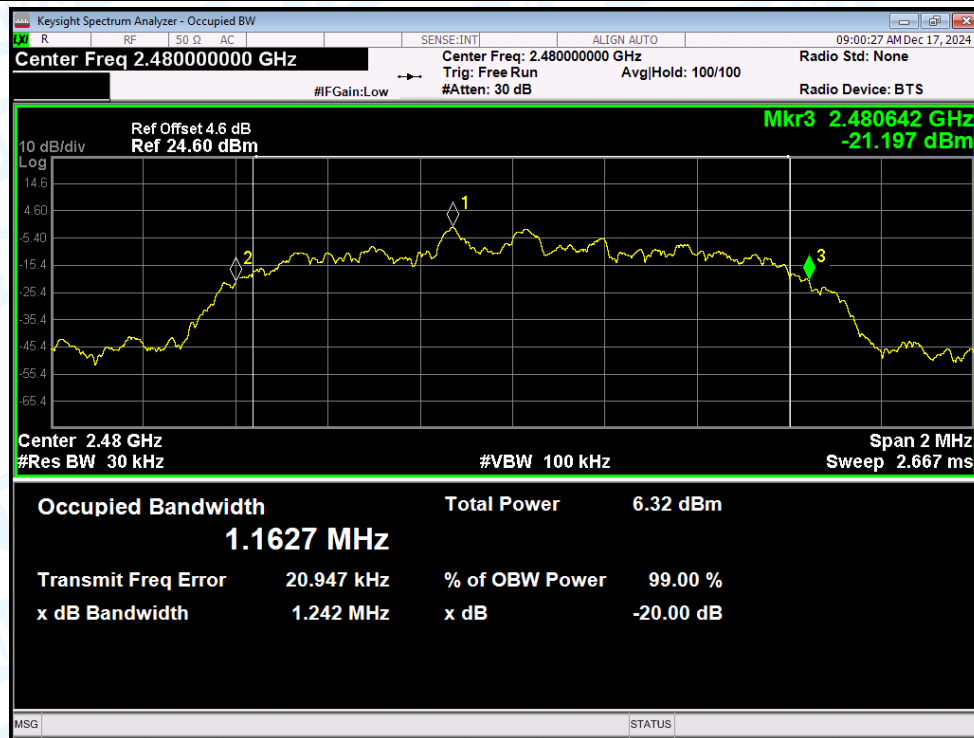
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



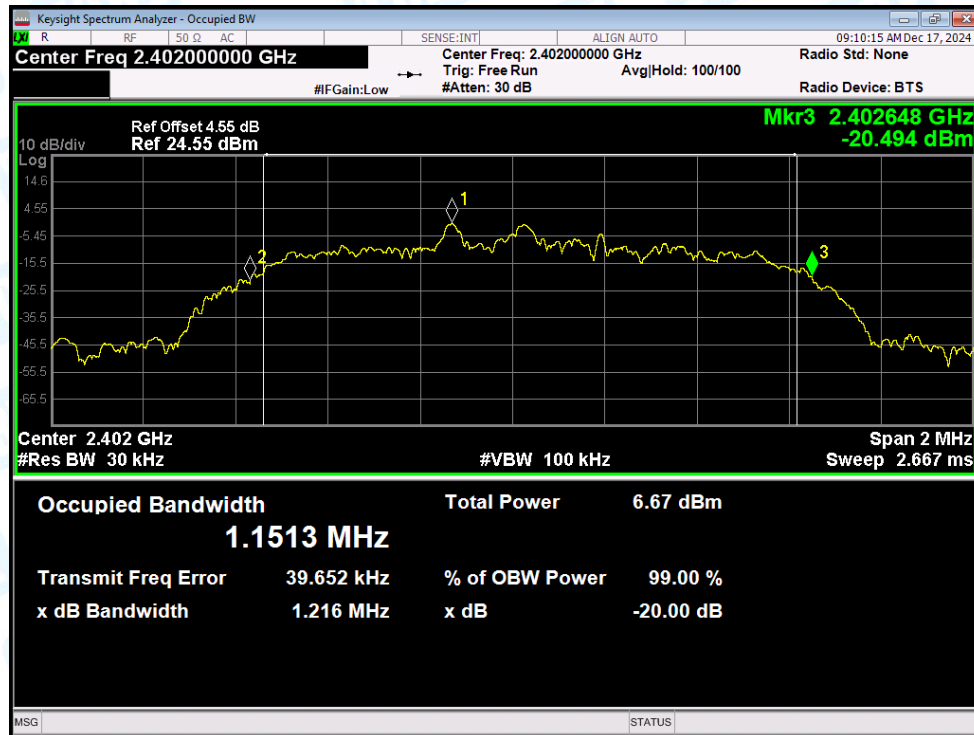
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



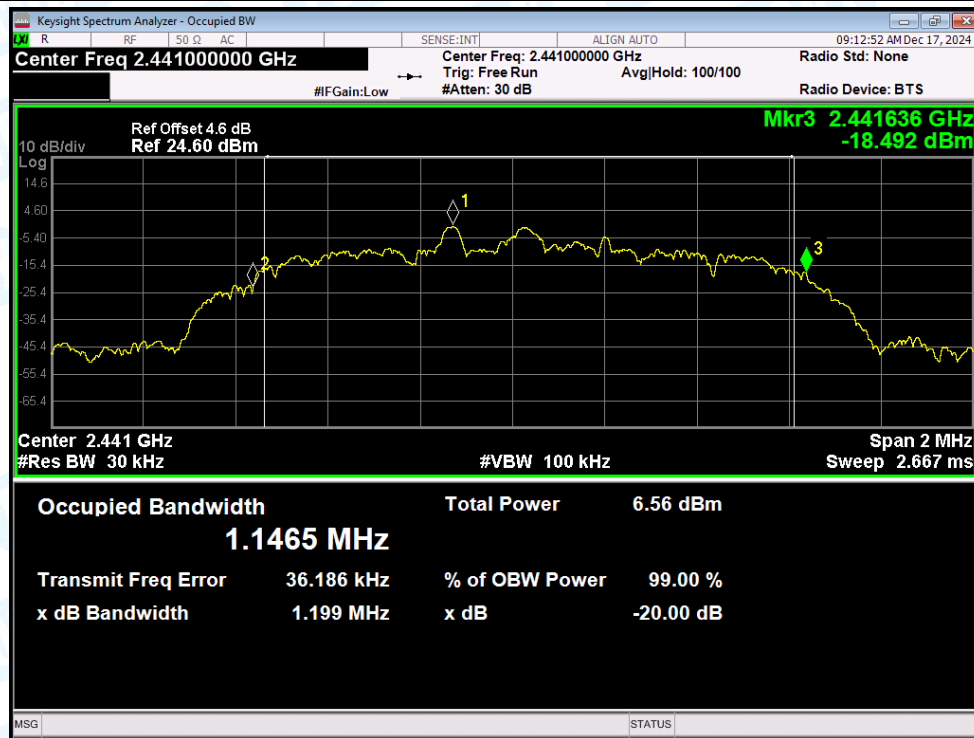
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

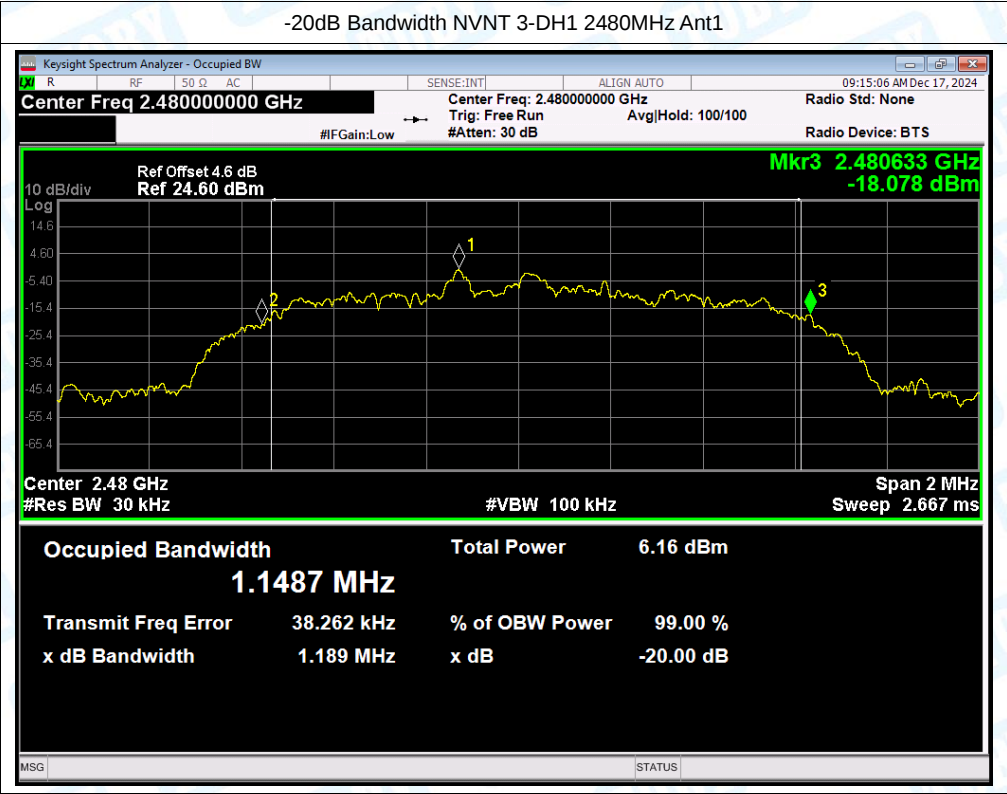


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



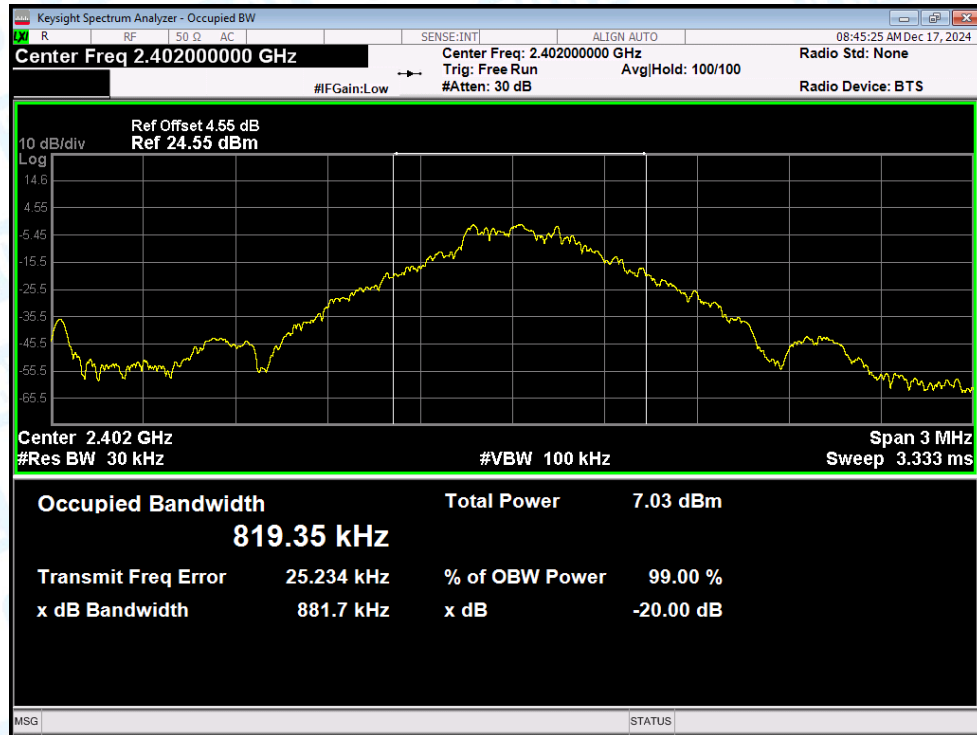


## 4. Occupied Channel Bandwidth

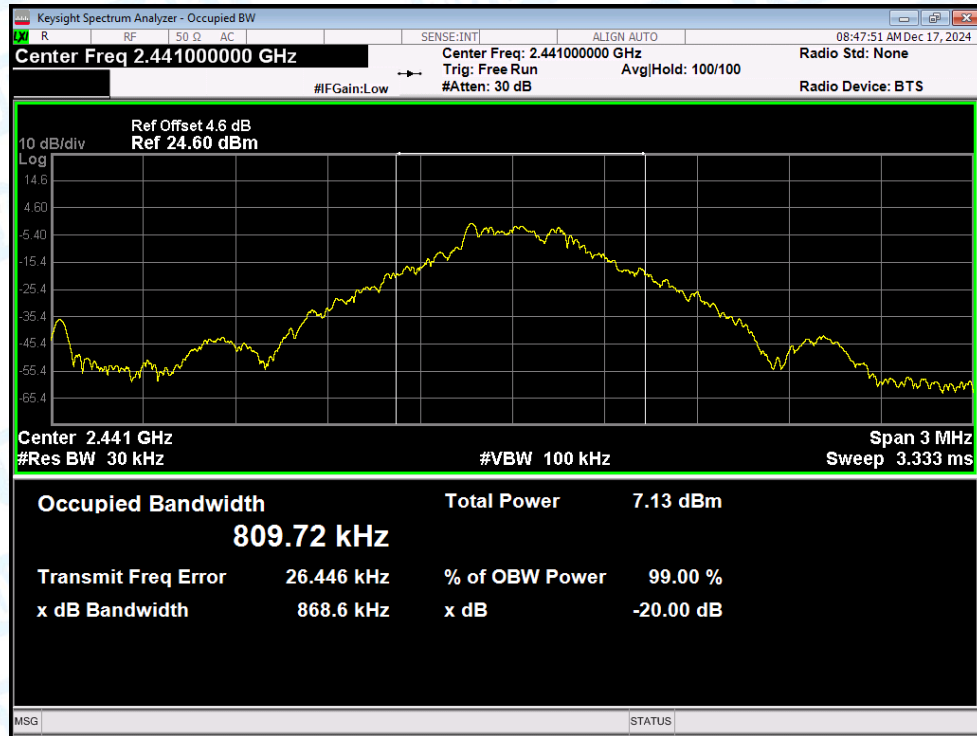
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.819         |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.81          |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.825         |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.161         |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.141         |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.165         |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.156         |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.151         |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.163         |

### Test Graphs

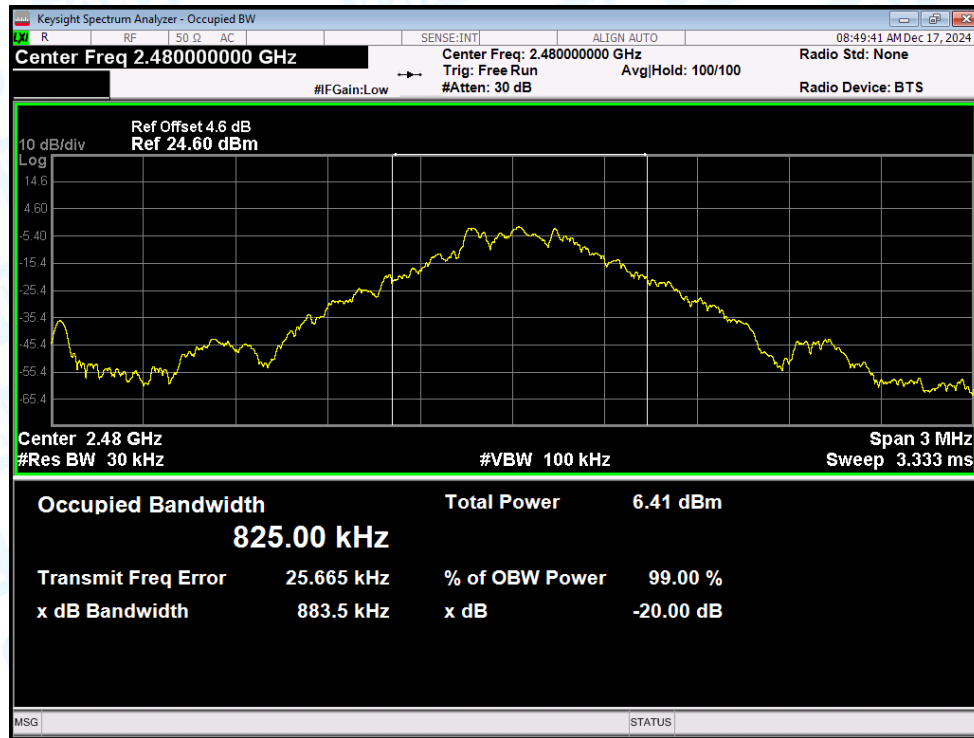
#### OBW NVNT 1-DH1 2402MHz Ant1



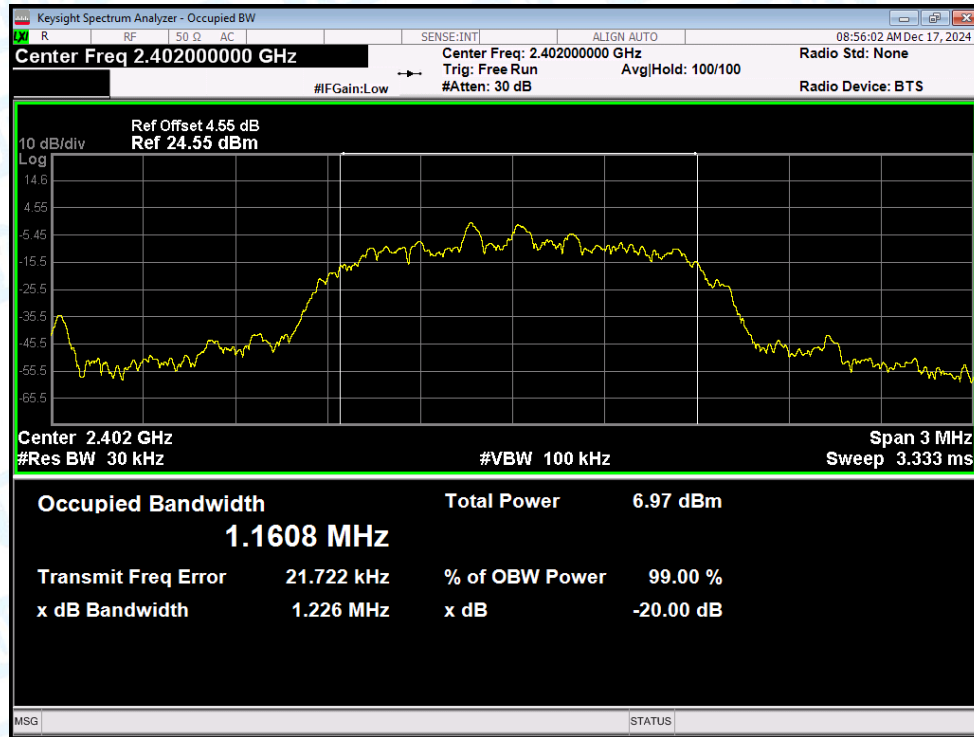
#### OBW NVNT 1-DH1 2441MHz Ant1



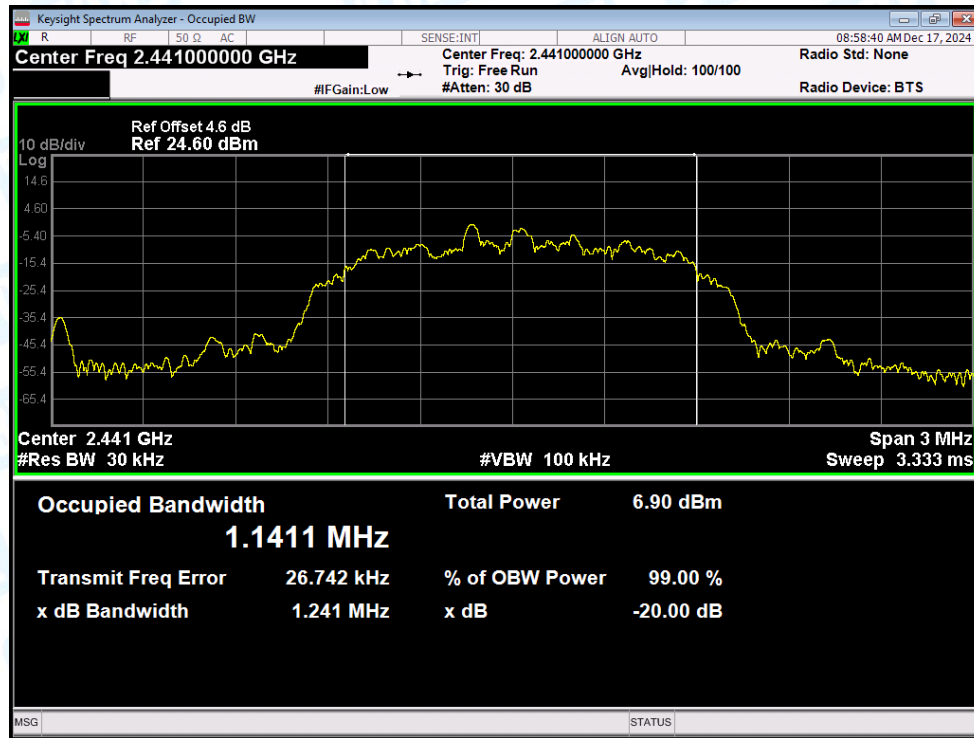
OBW NVNT 1-DH1 2480MHz Ant1



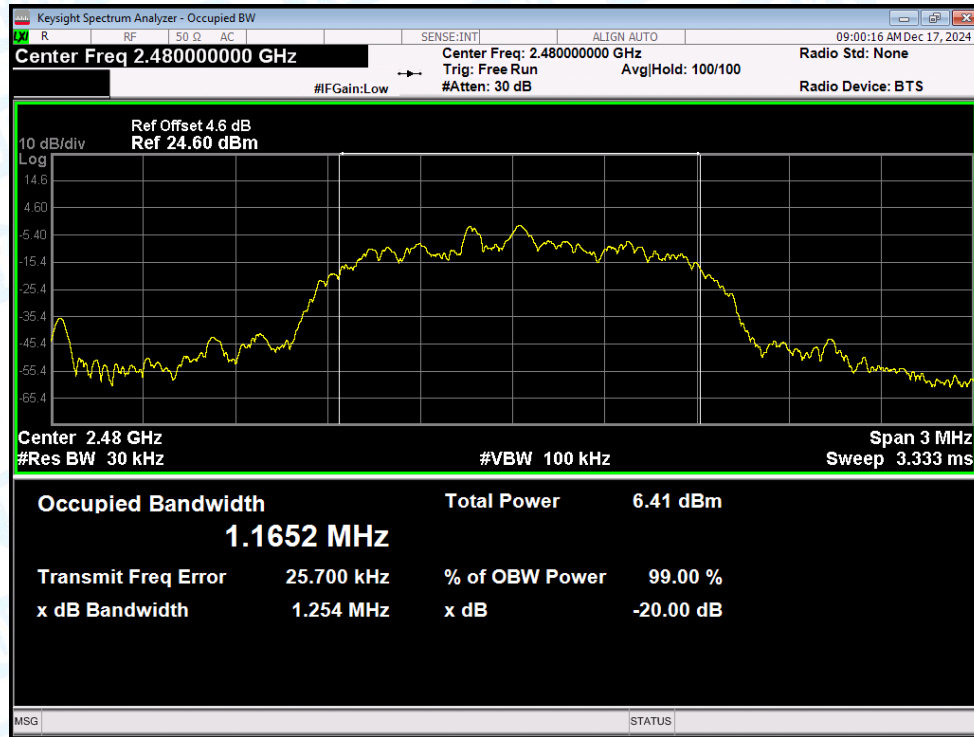
OBW NVNT 2-DH1 2402MHz Ant1



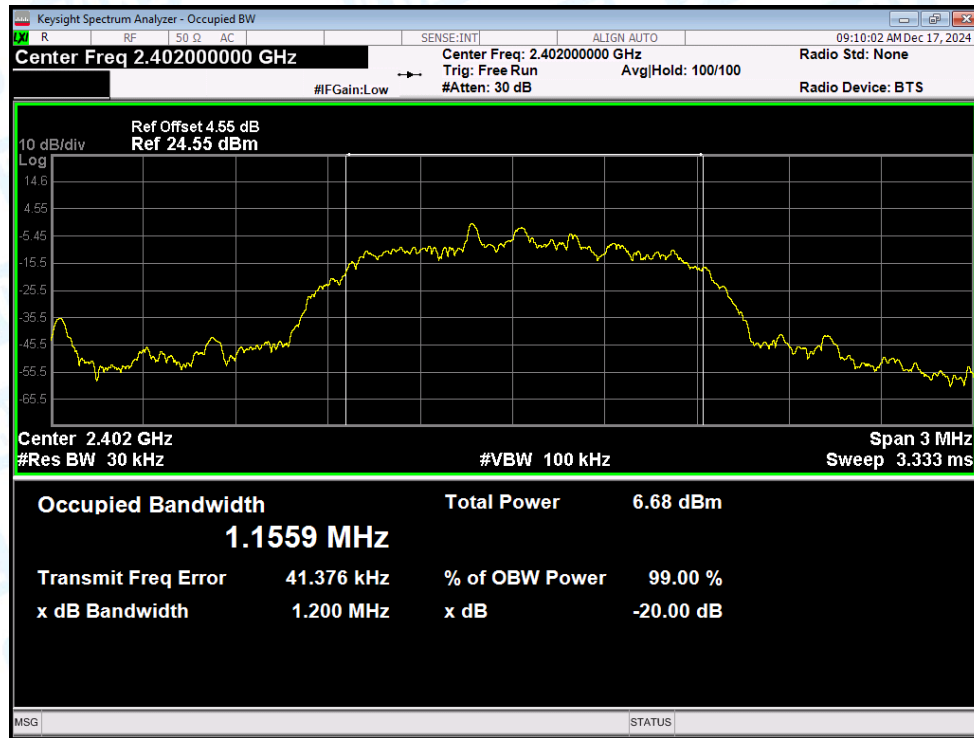
OBW NVNT 2-DH1 2441MHz Ant1



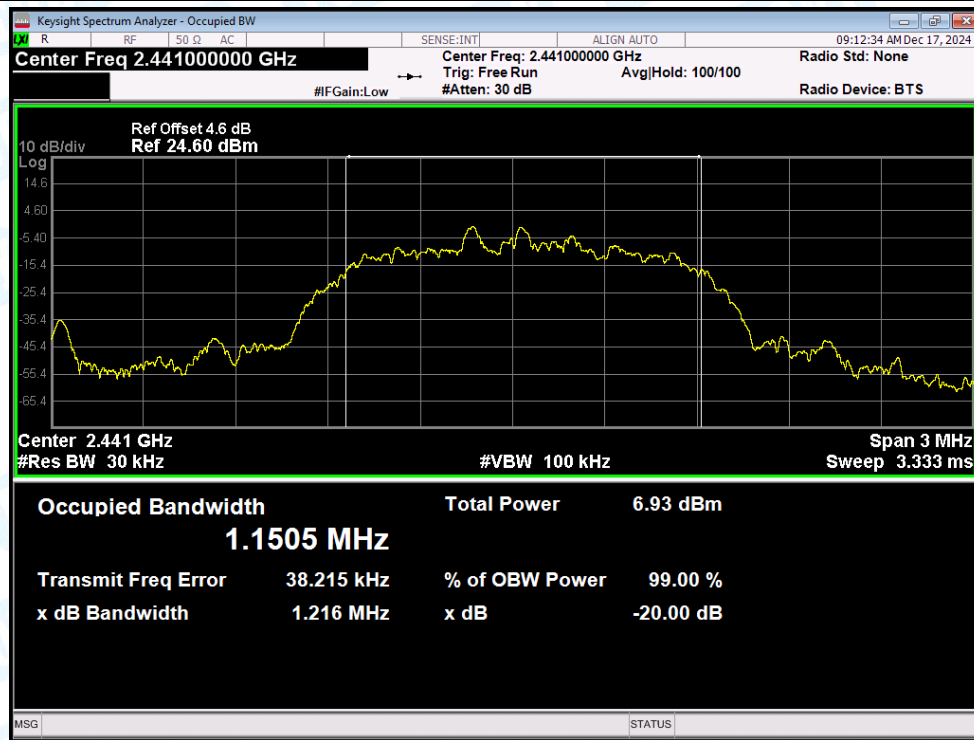
OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



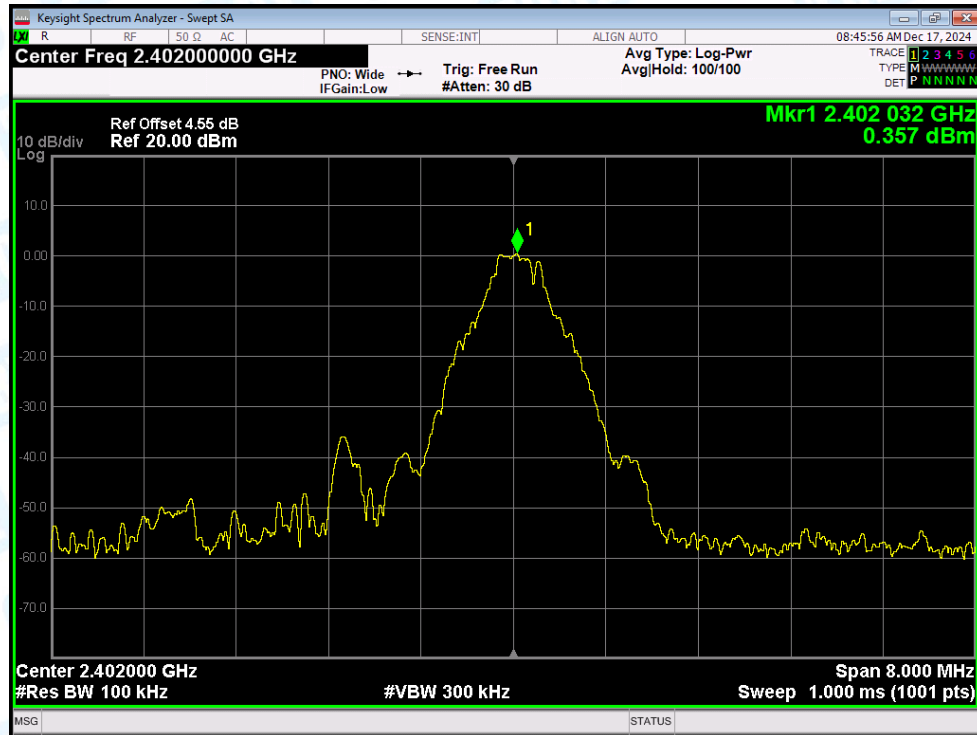


## 5. Band Edge

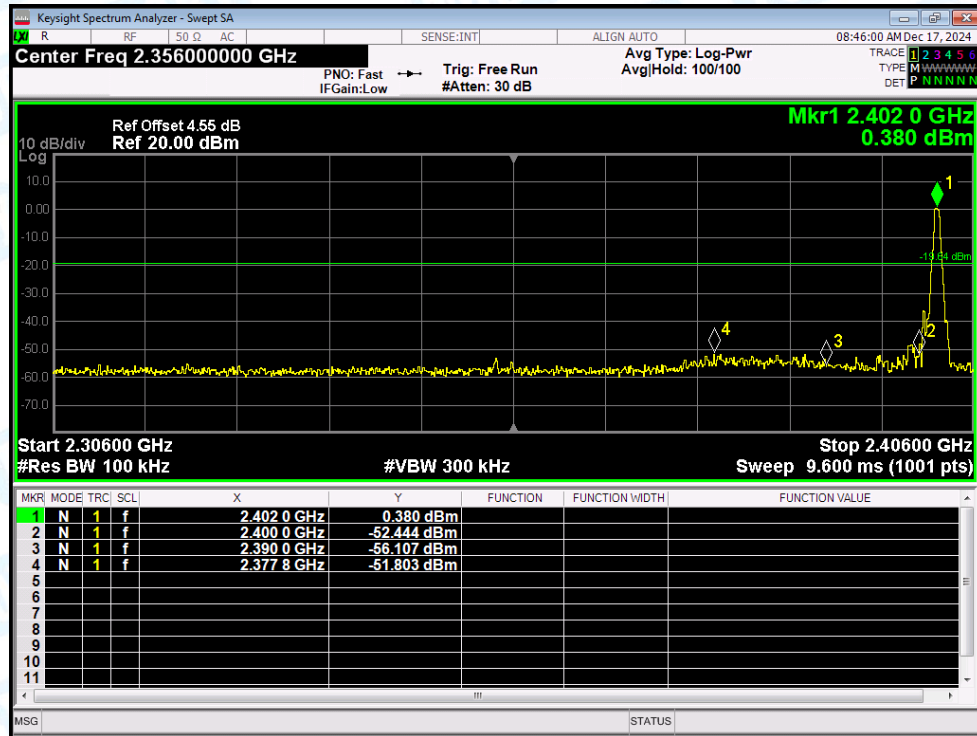
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -52.16          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -50.47          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -52.49          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -52             | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -51.85          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -51.76          | -20         | Pass    |

### Test Graphs

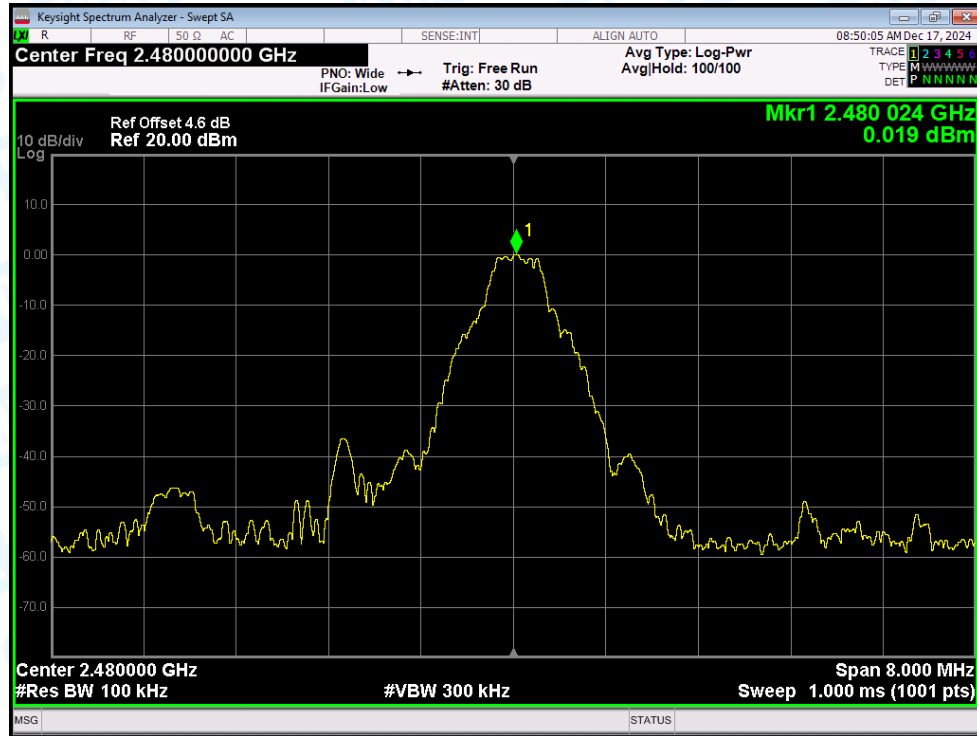
#### Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



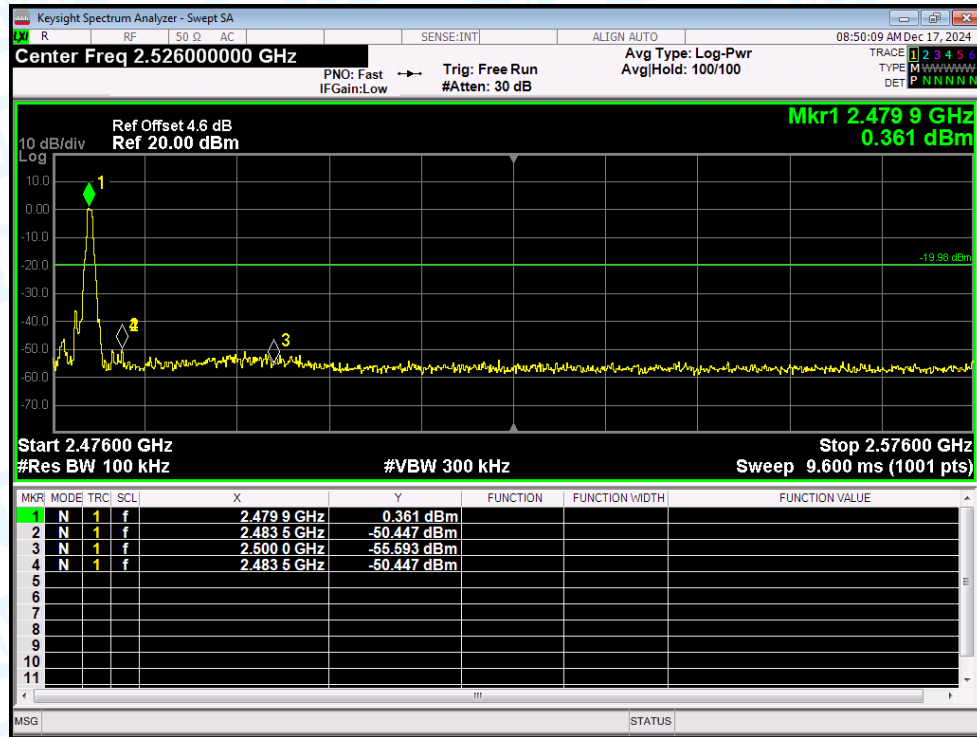
#### Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



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



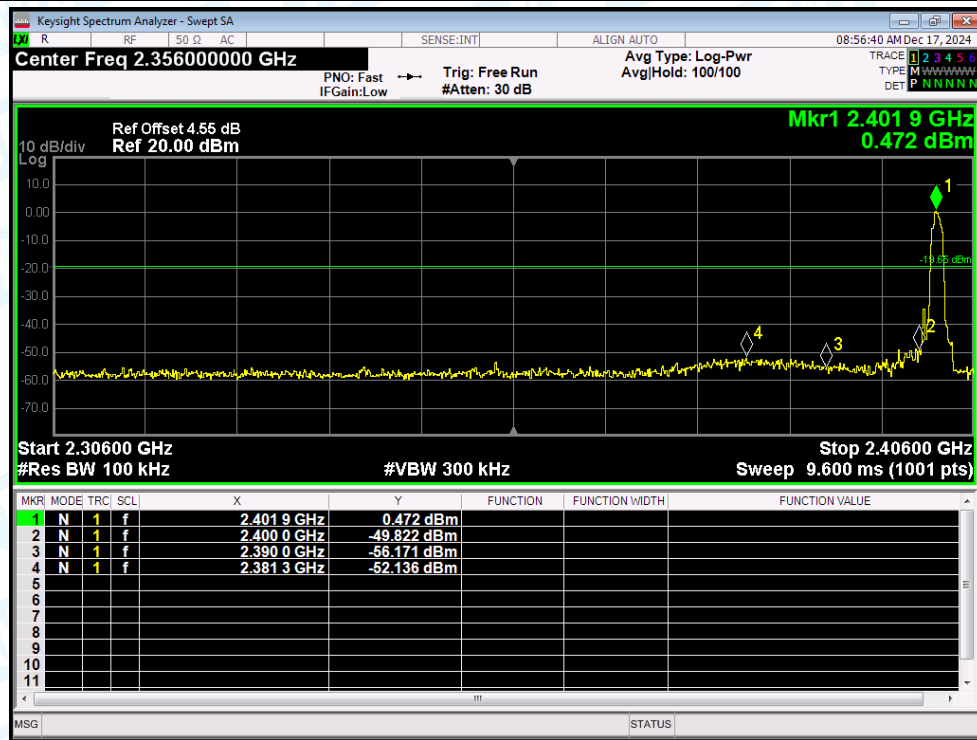
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



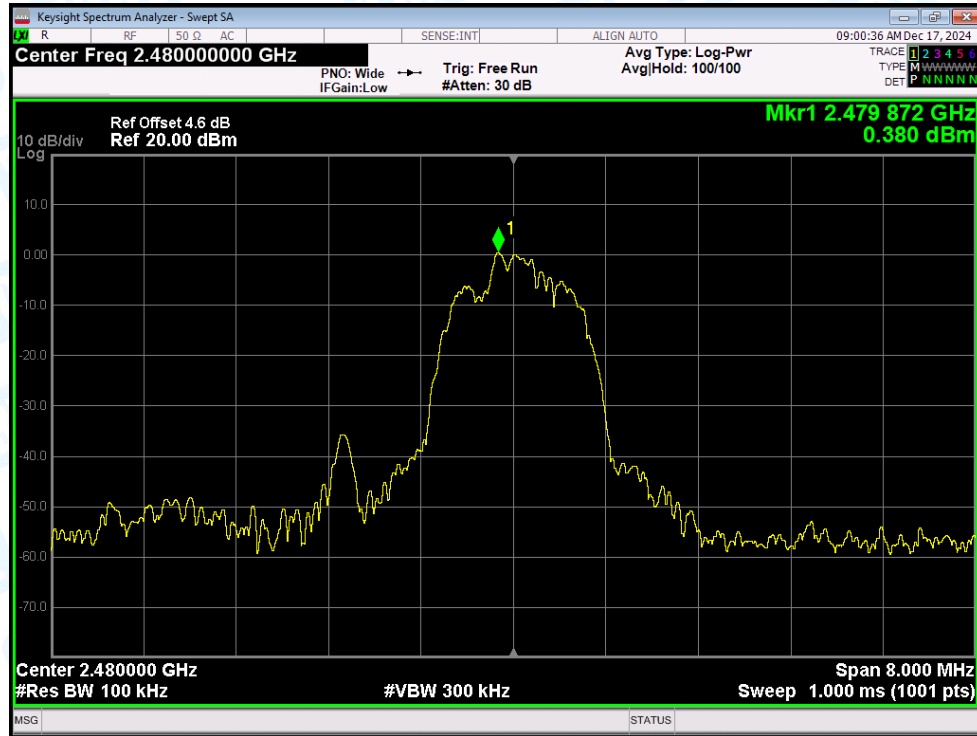
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



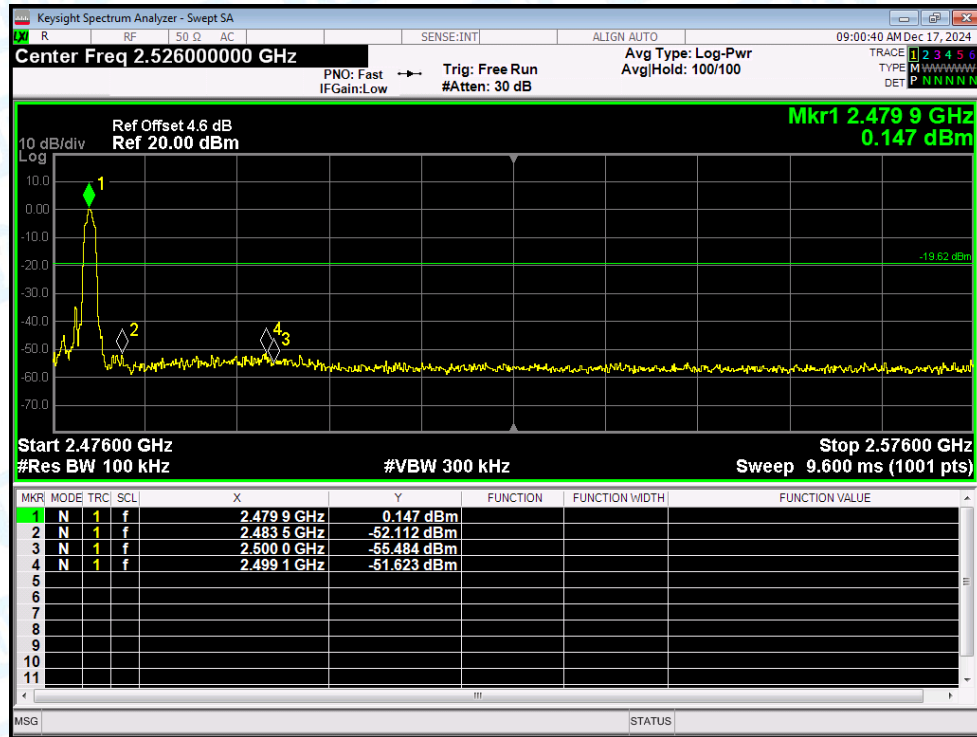
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



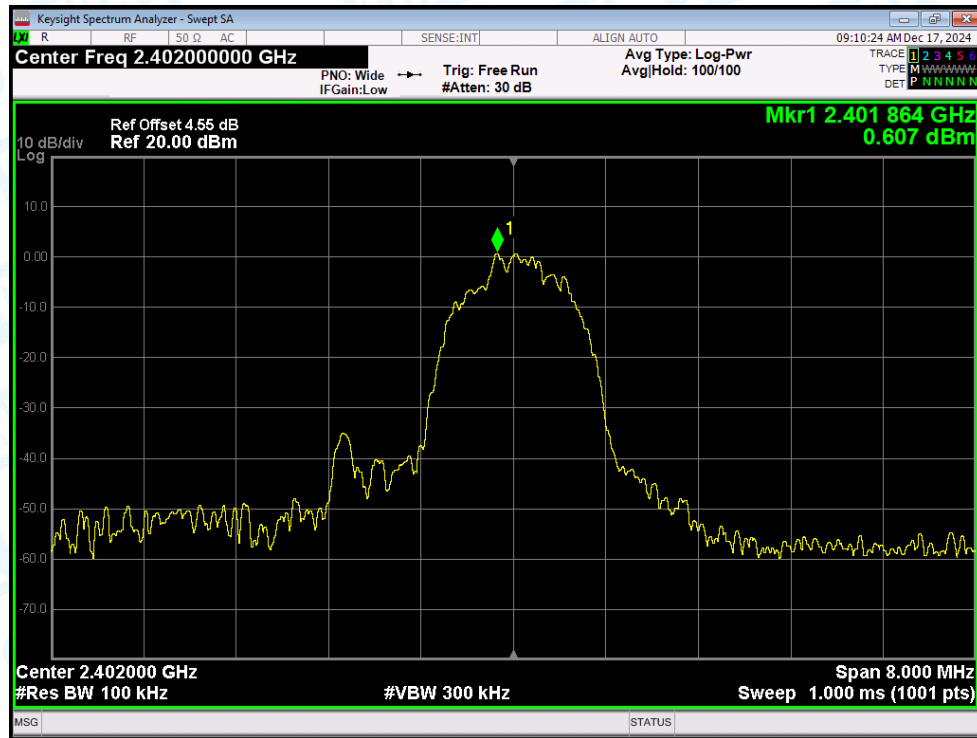
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



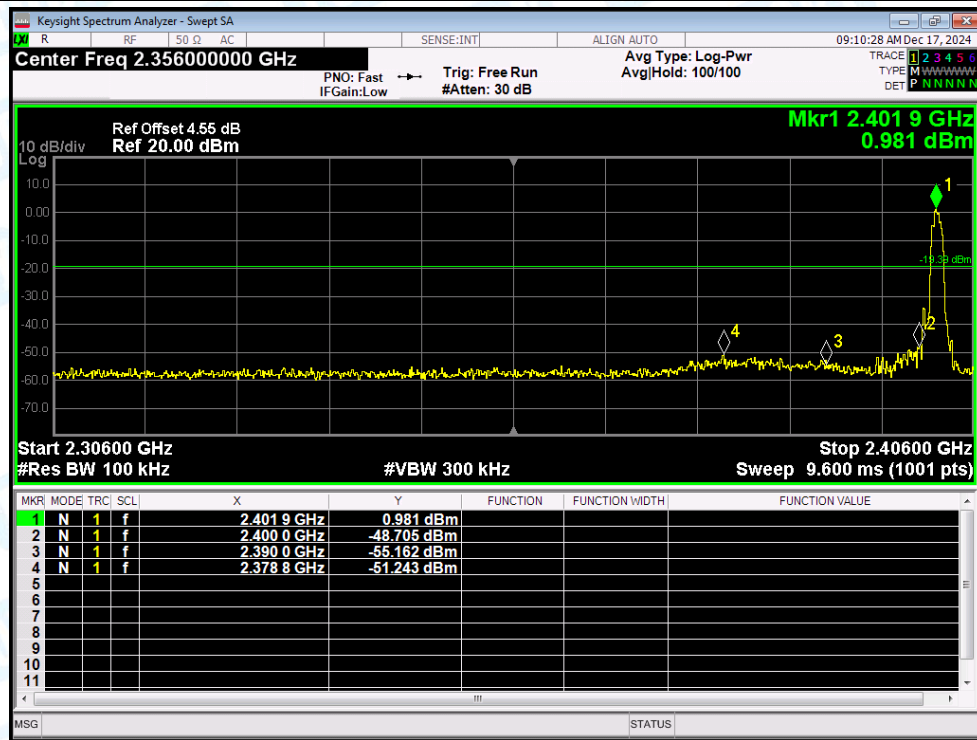
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



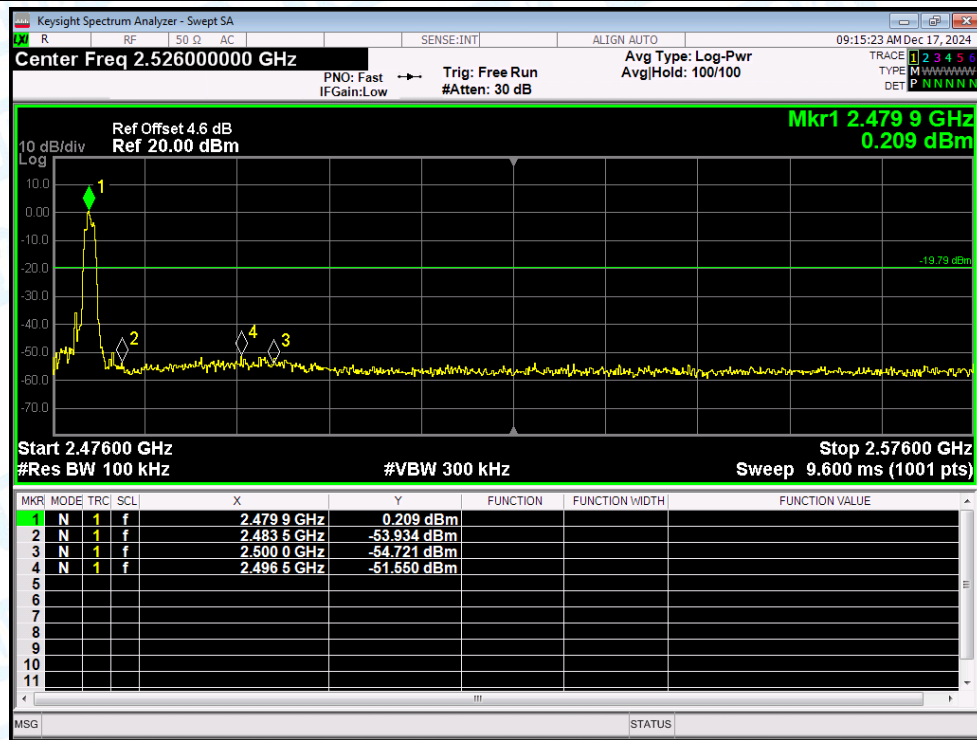
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

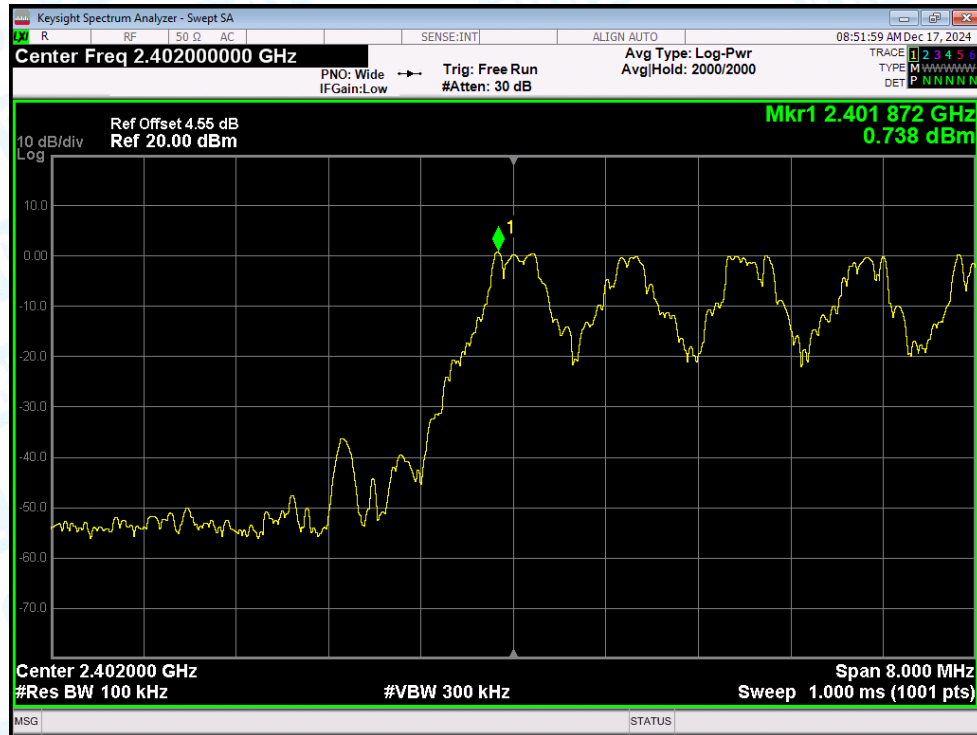


## 6. Band Edge(Hopping)

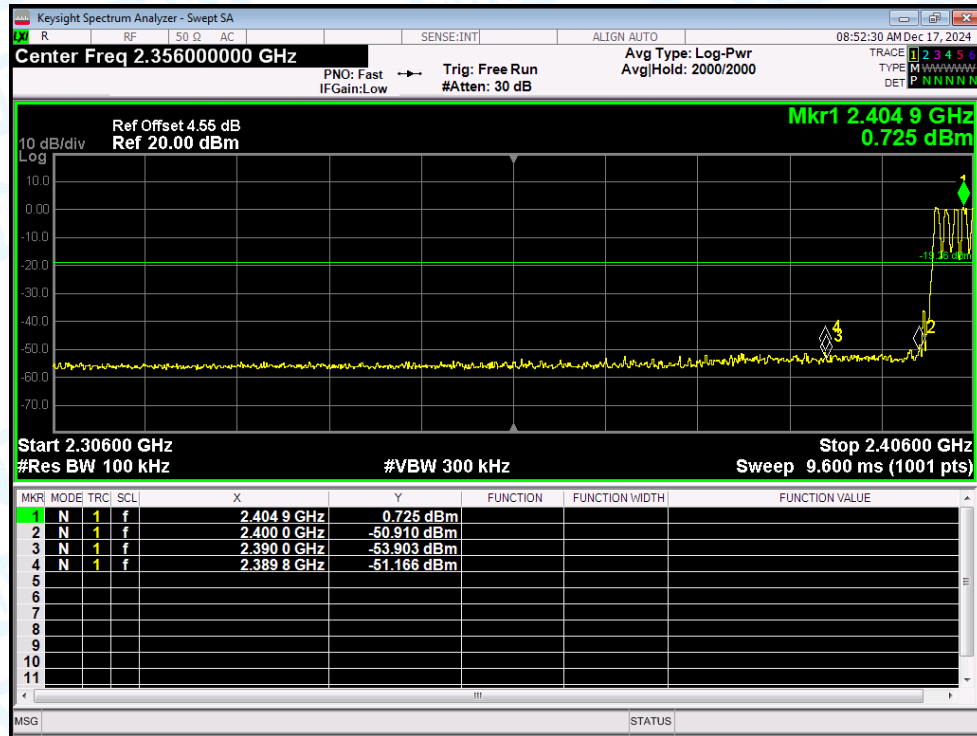
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | Hopping      | -51.91          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | Hopping      | -50.89          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | Hopping      | -52             | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | Hopping      | -50.97          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | Hopping      | -52.41          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | Hopping      | -51.89          | -20         | Pass    |

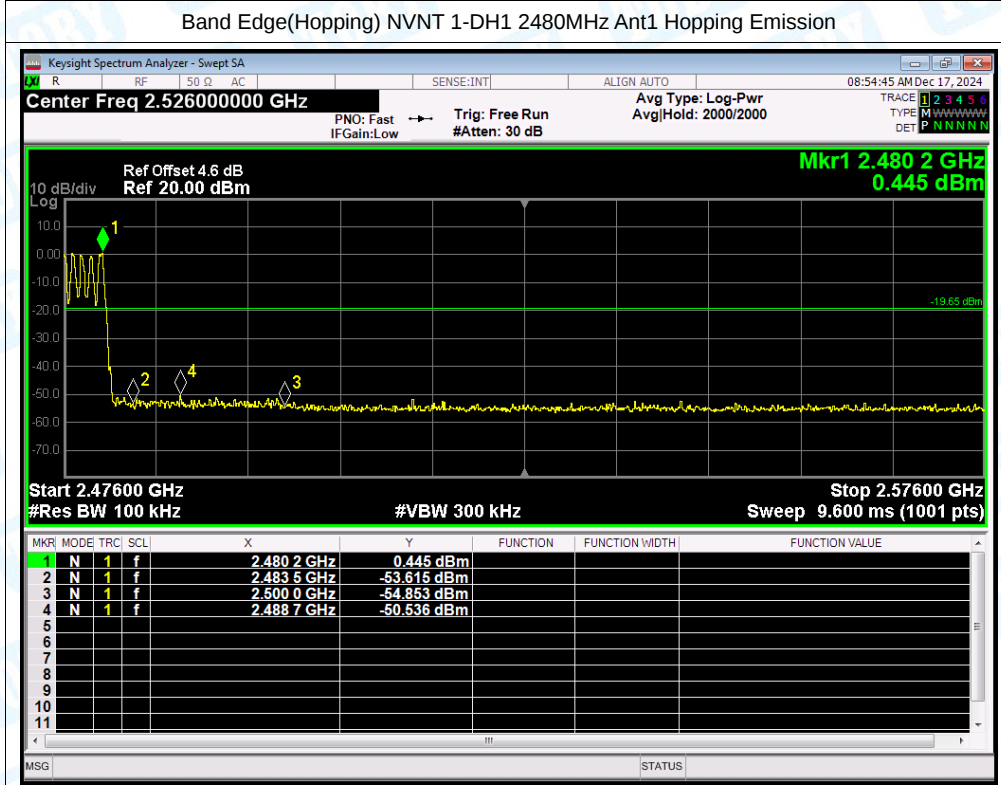
### Test Graphs

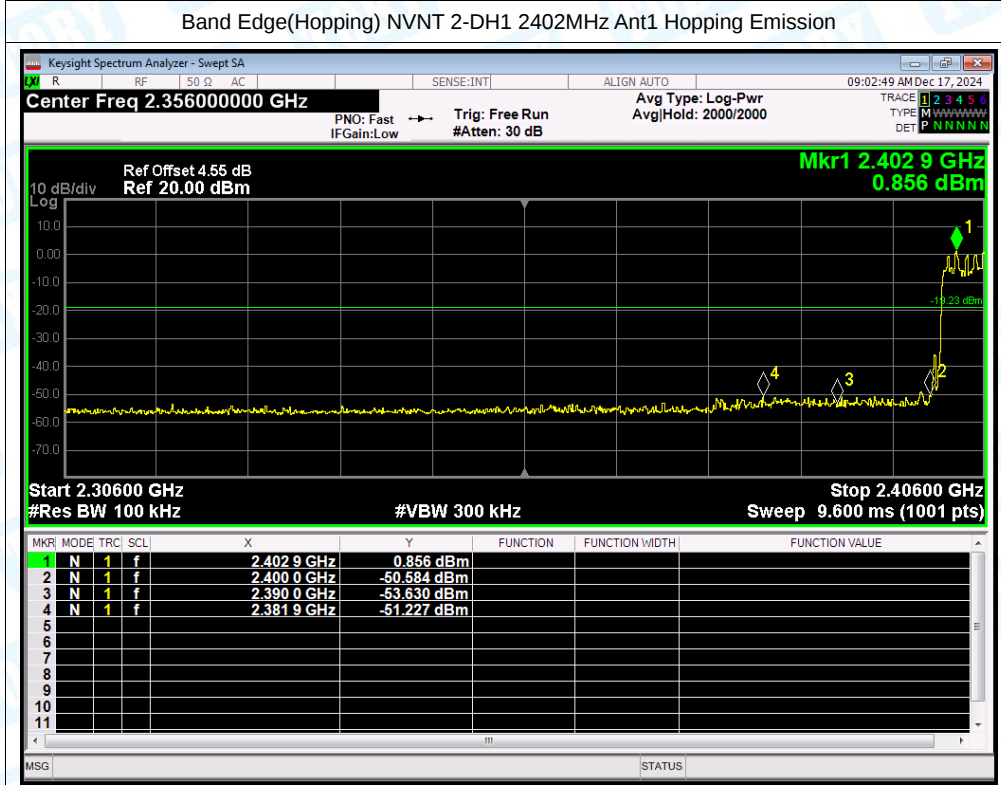
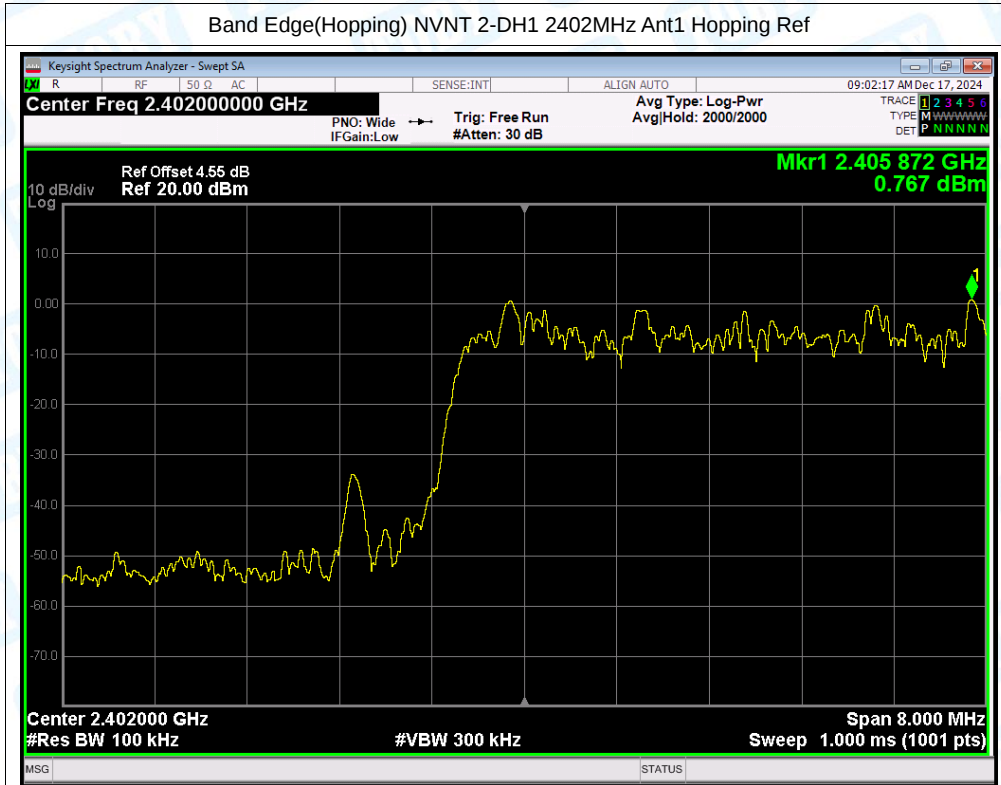
#### Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

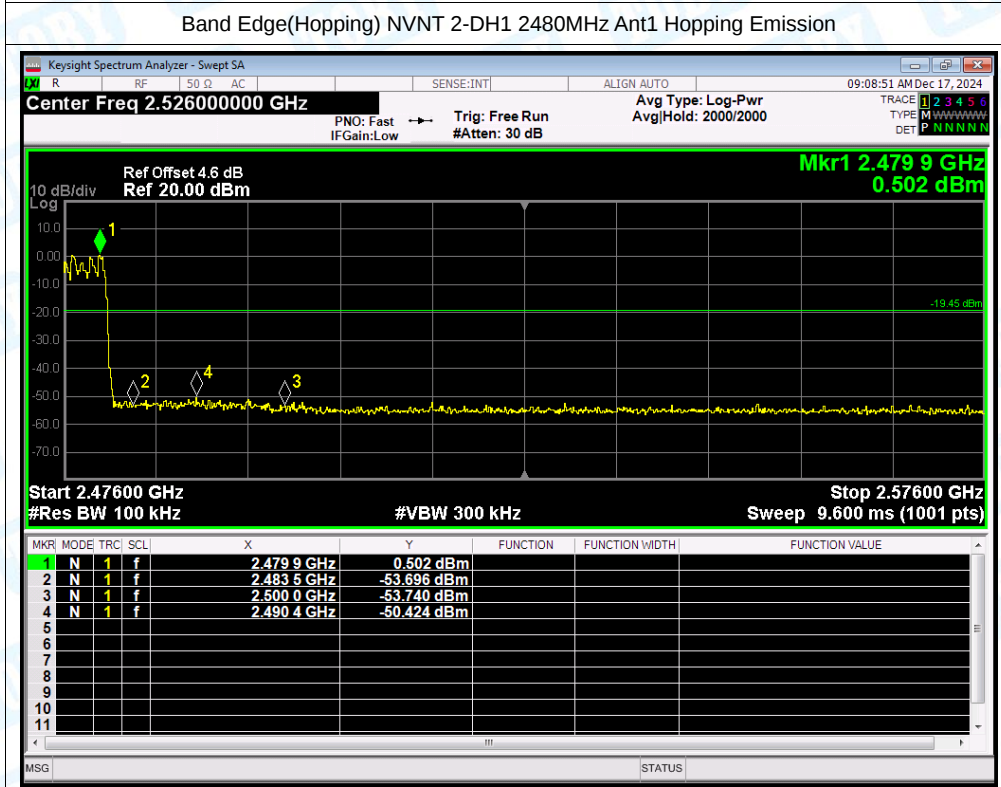
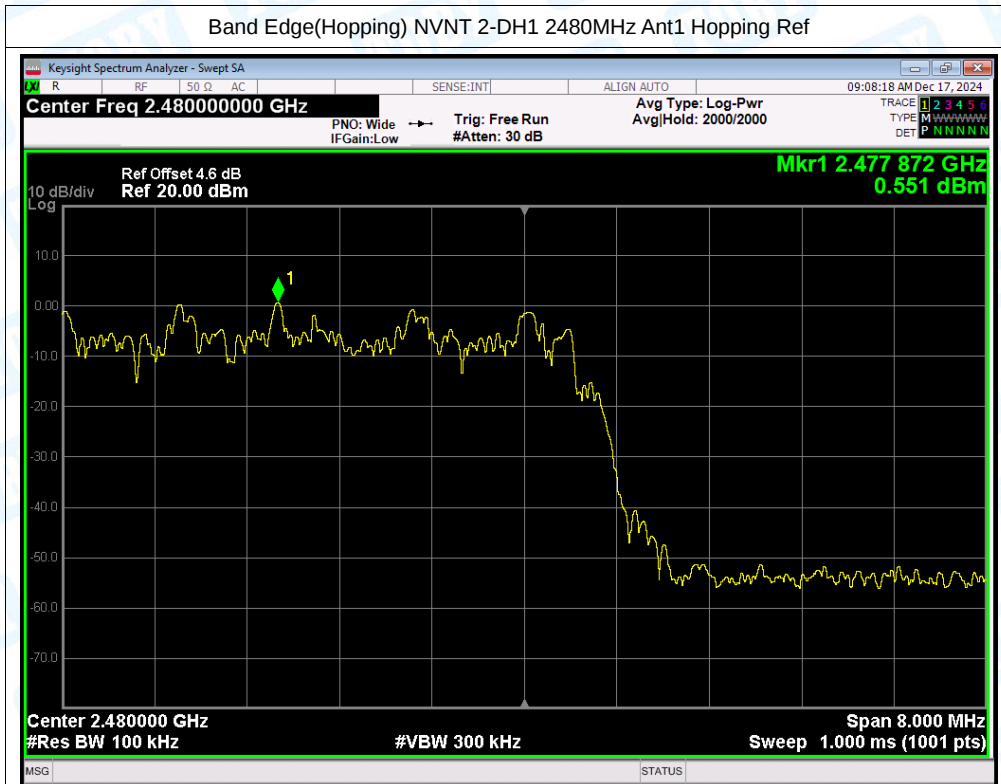


#### Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission

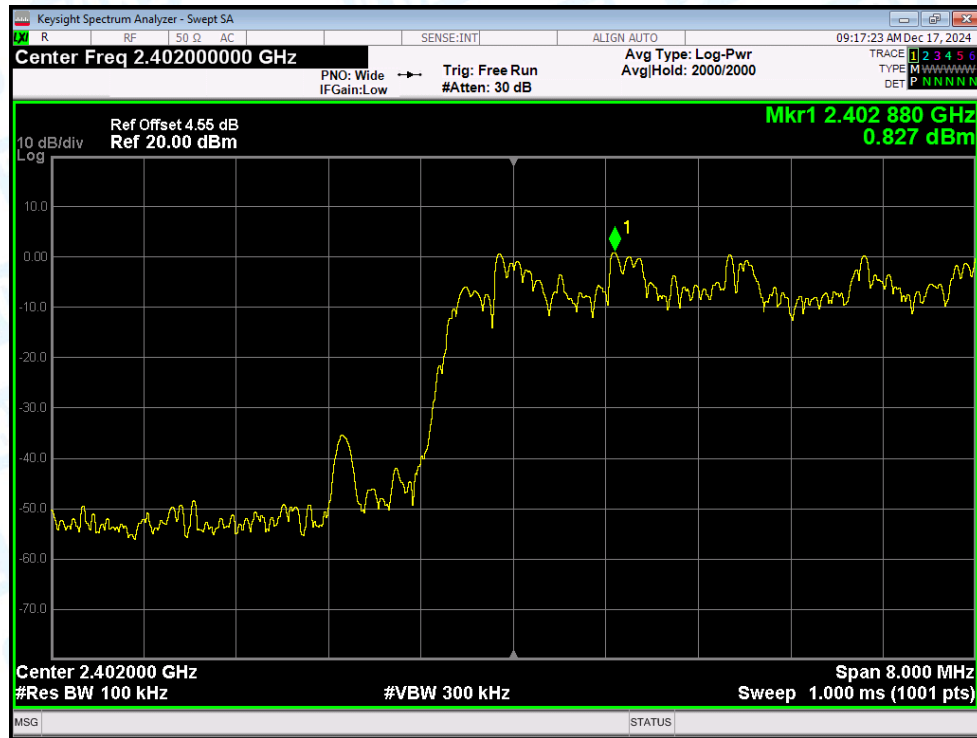




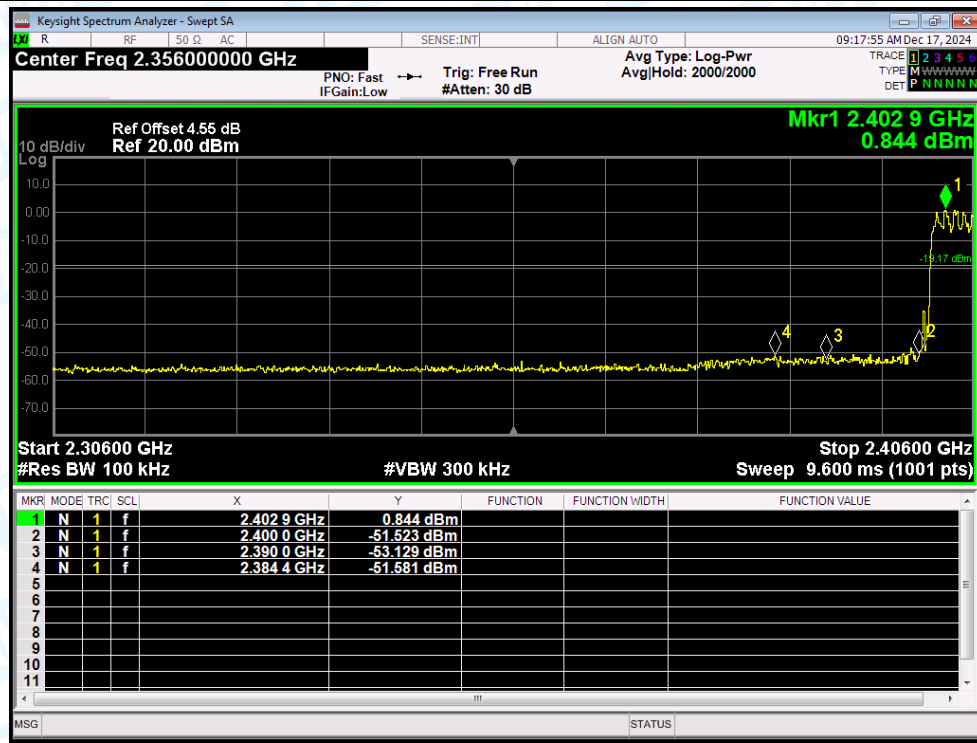


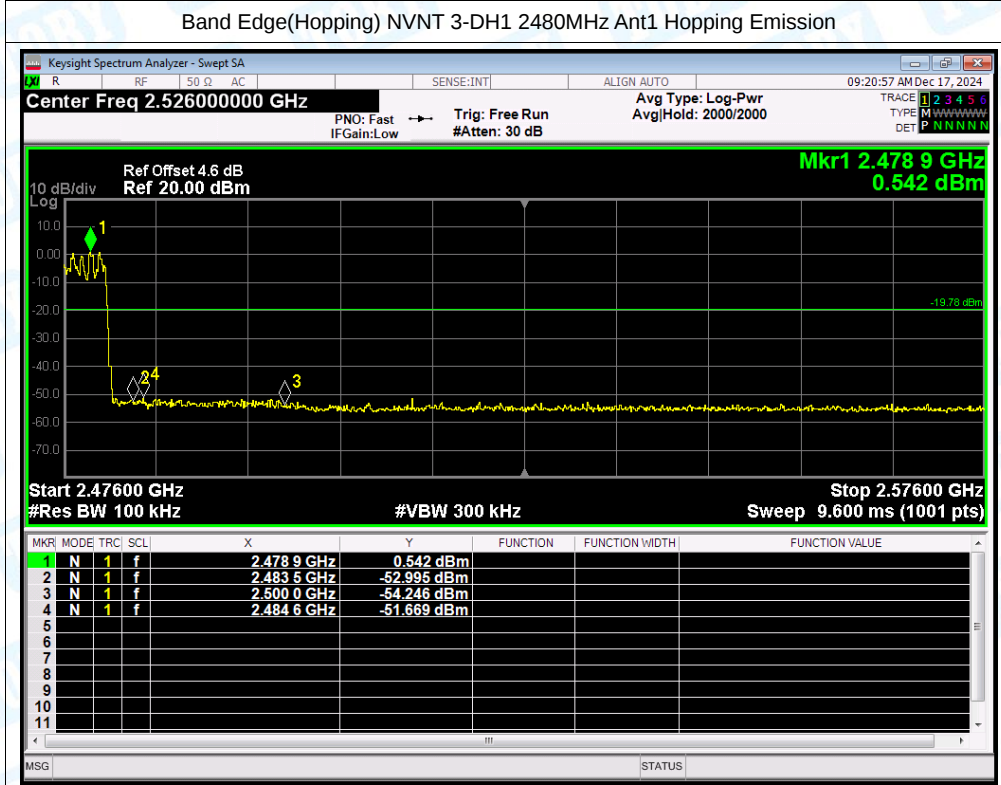


Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



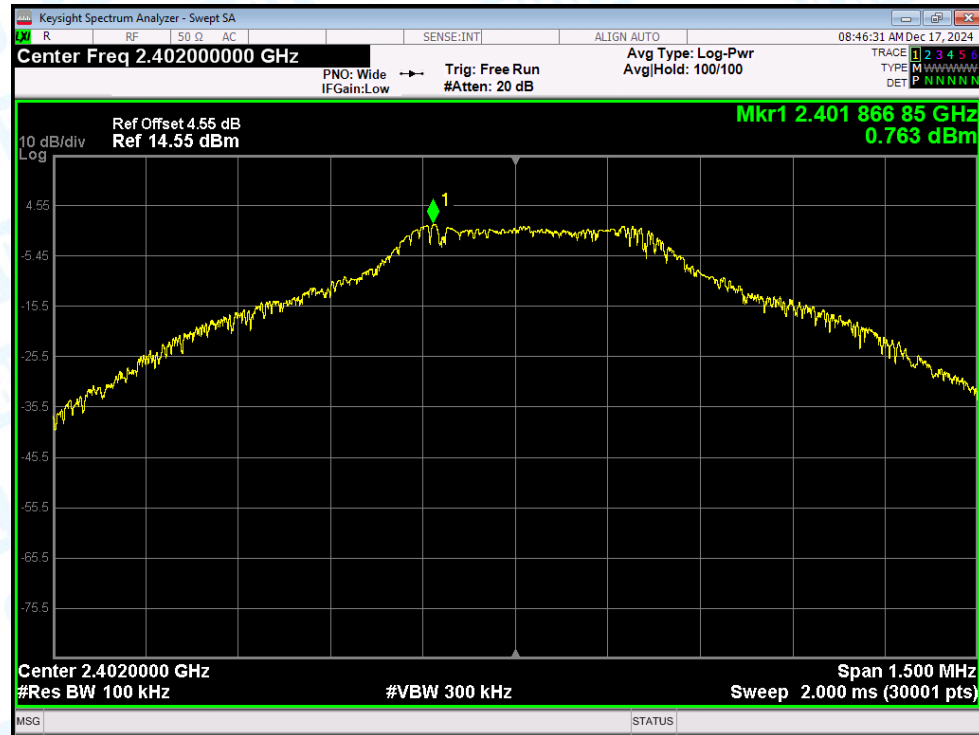


## 7. Conducted RF Spurious Emission

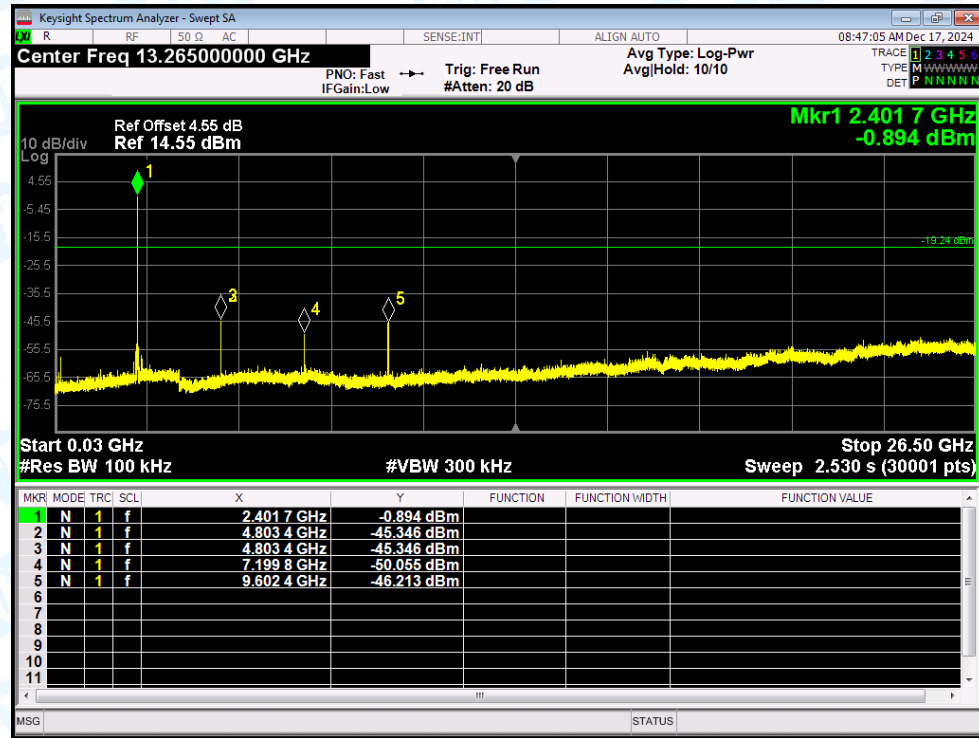
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -46.11          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -45.7           | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -45.97          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -47.37          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -46.5           | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -46.15          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -45.94          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -45.91          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -45.66          | -20         | Pass    |

### Test Graphs

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



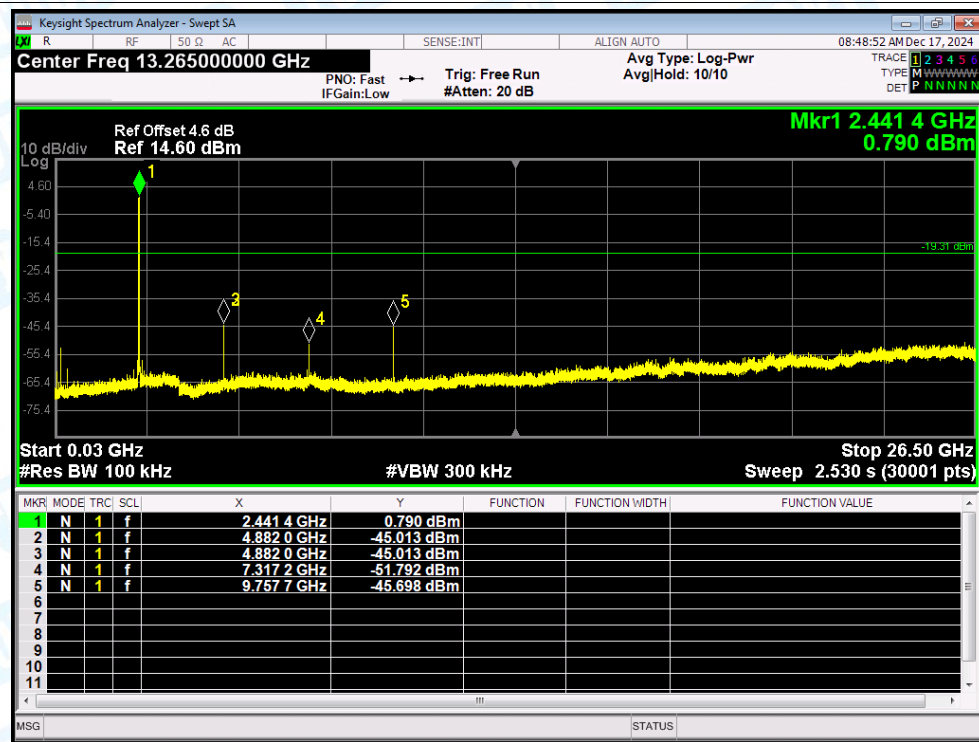
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



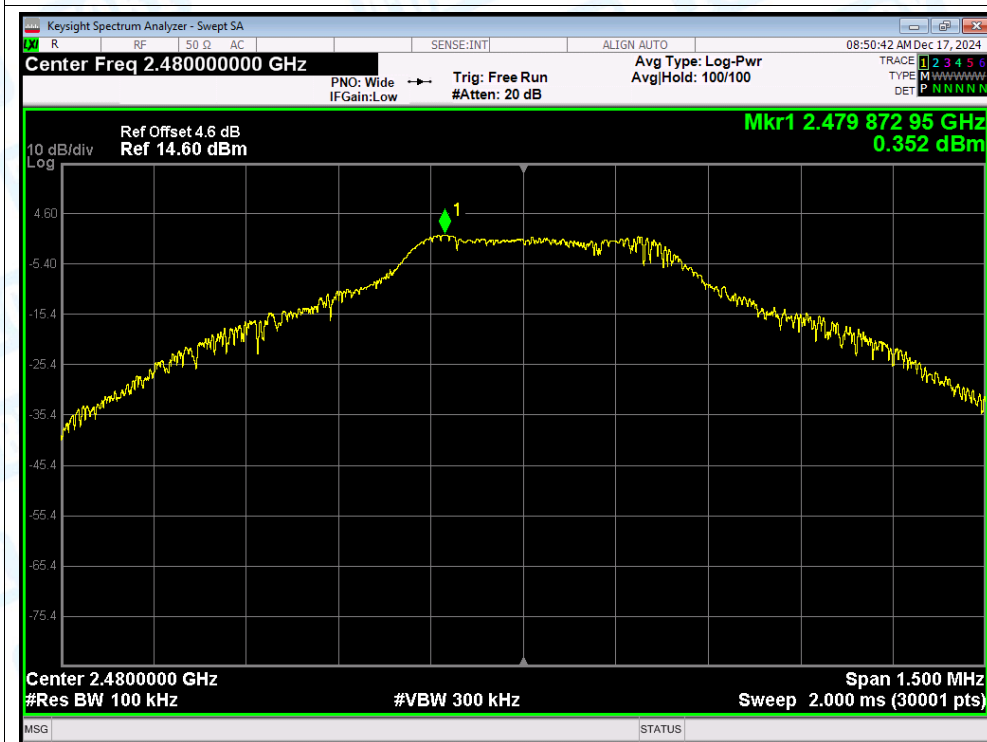
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



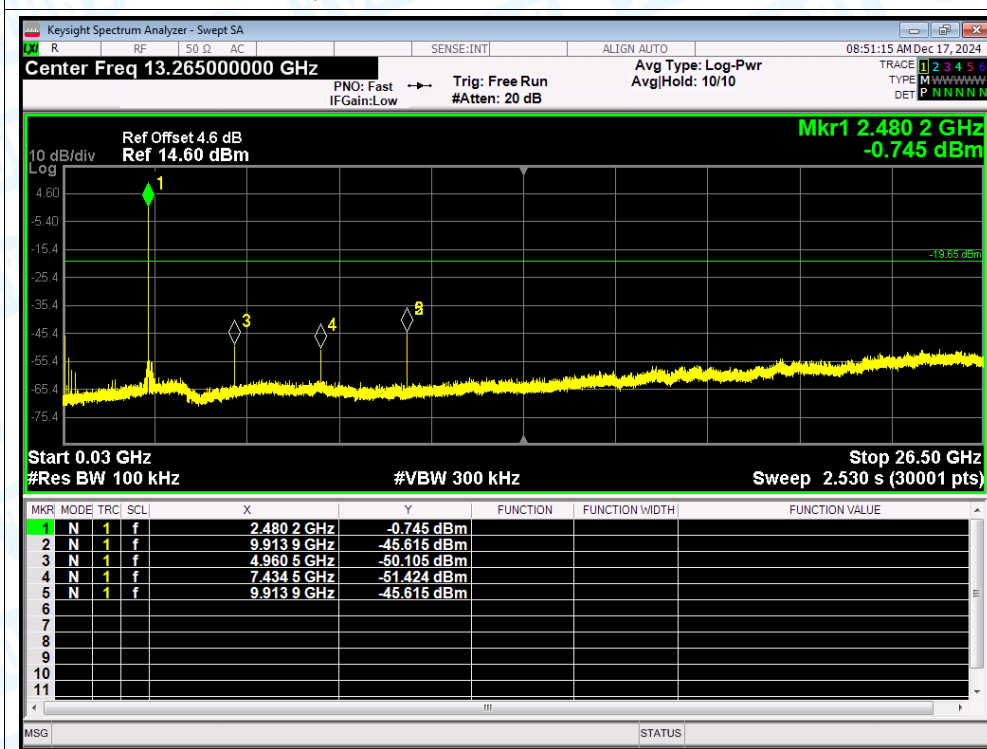
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



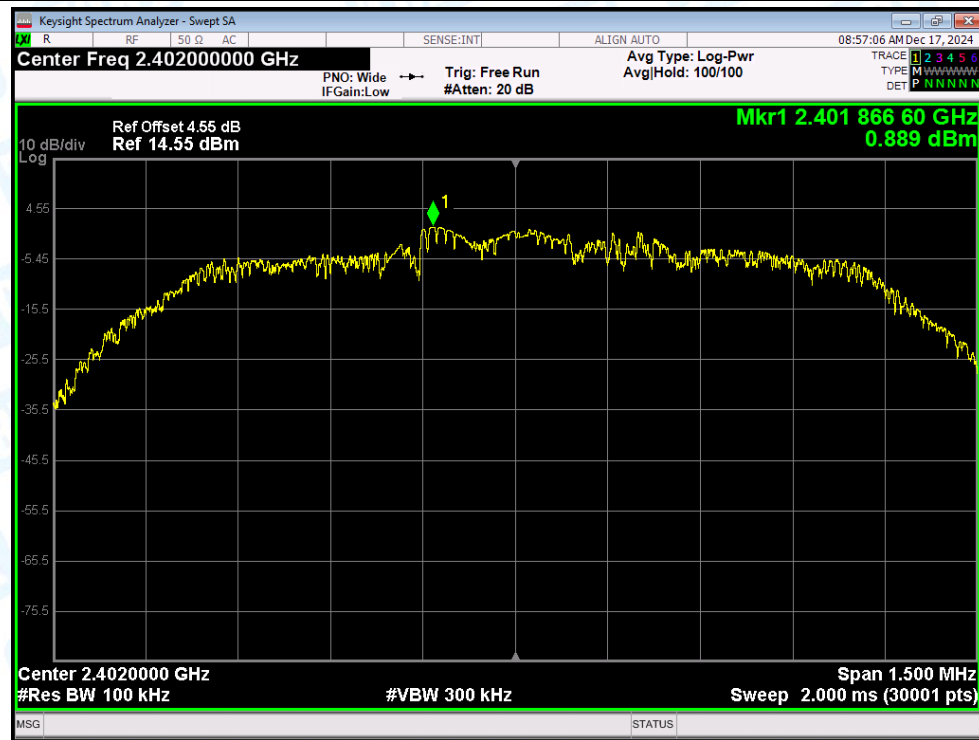
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



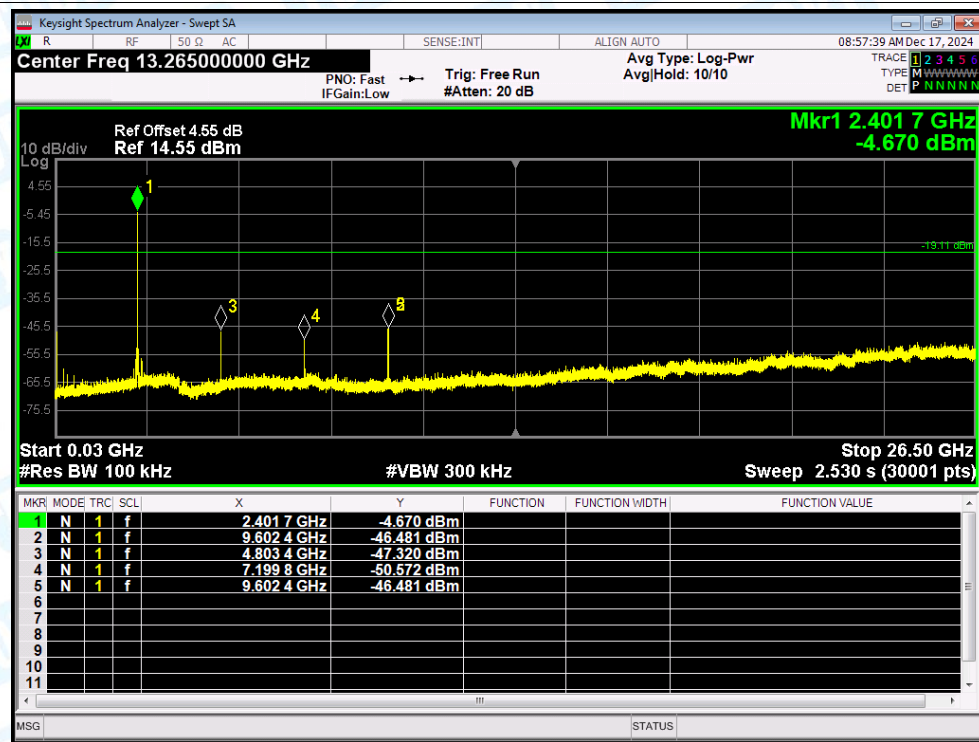
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



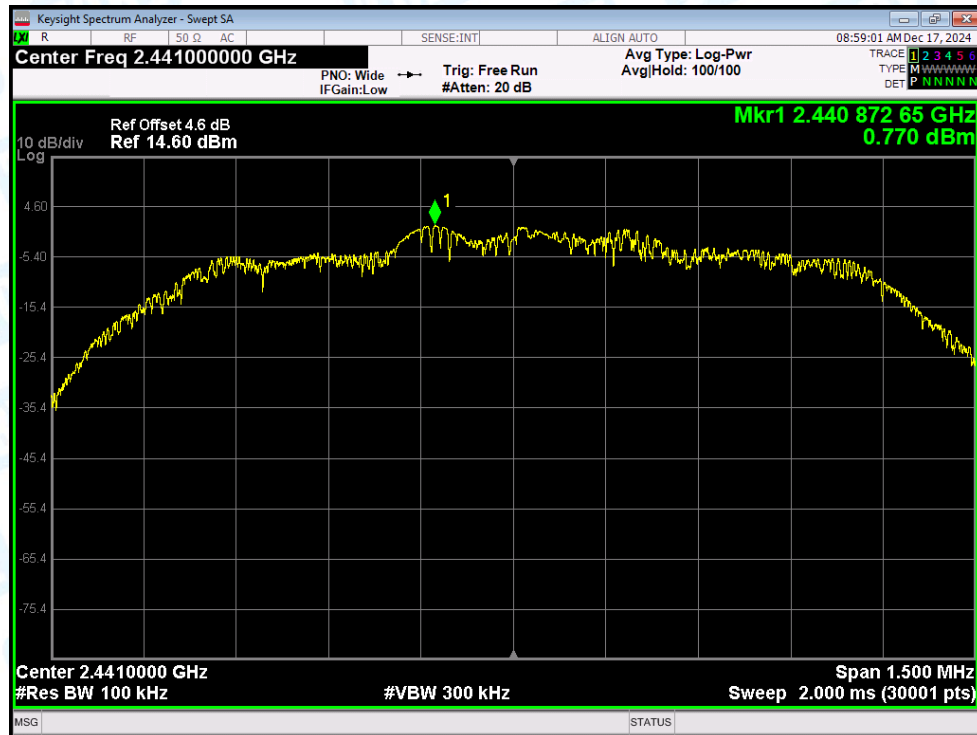
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



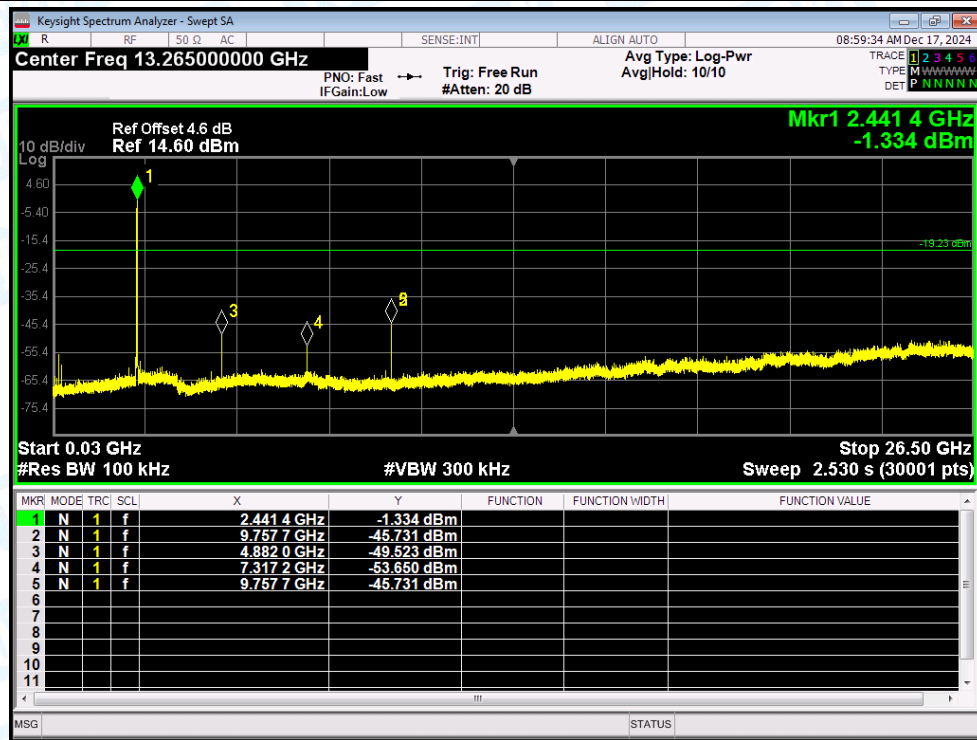
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



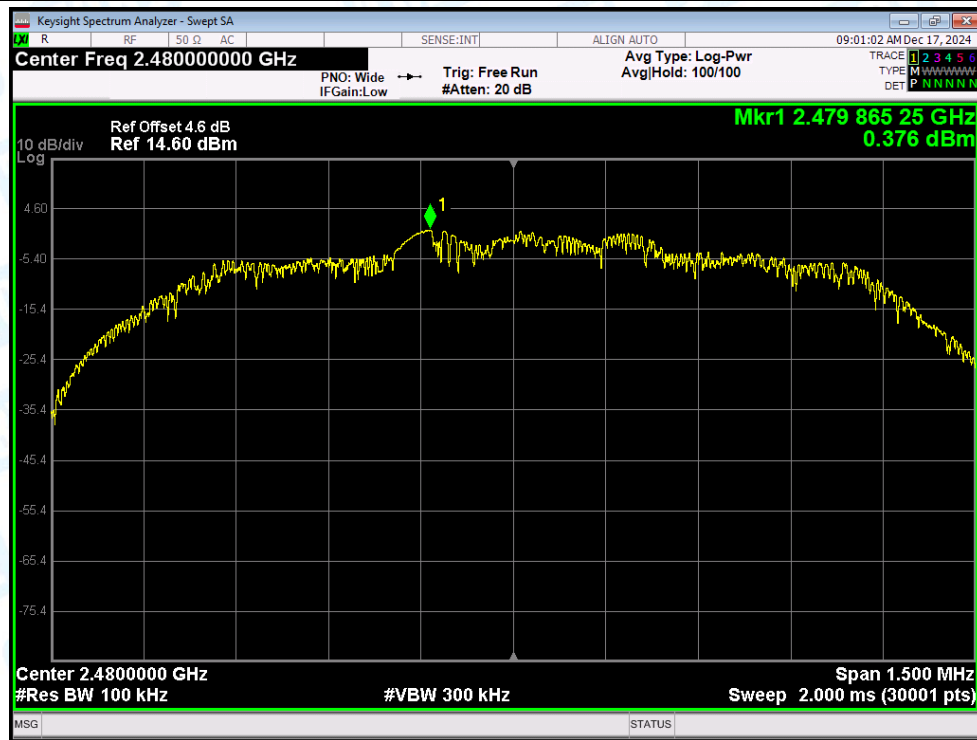
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



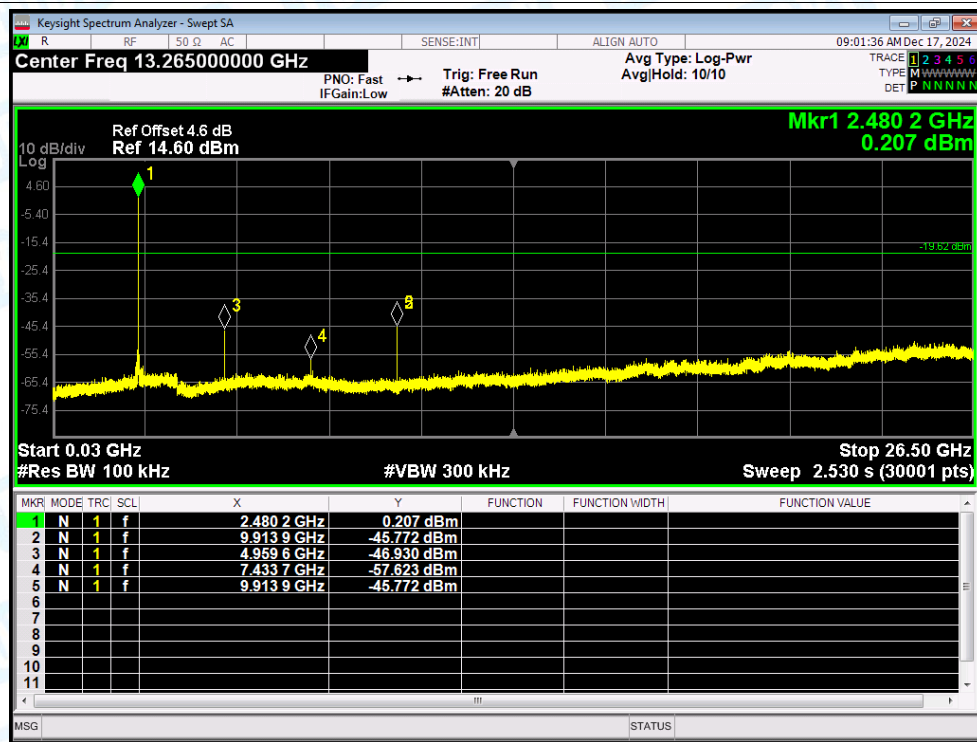
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



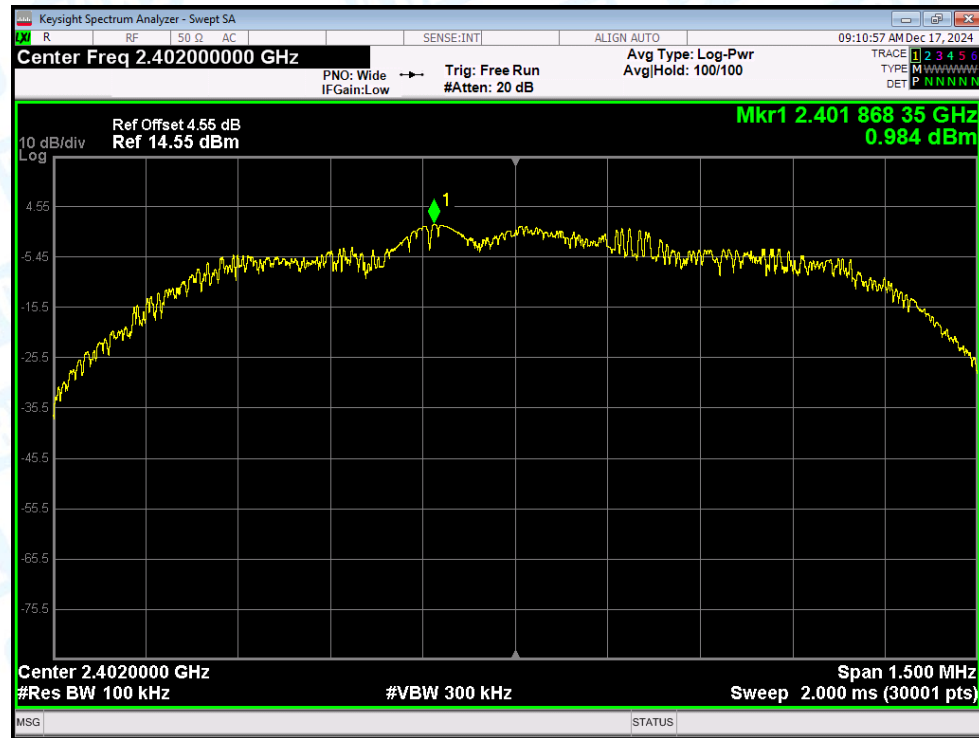
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



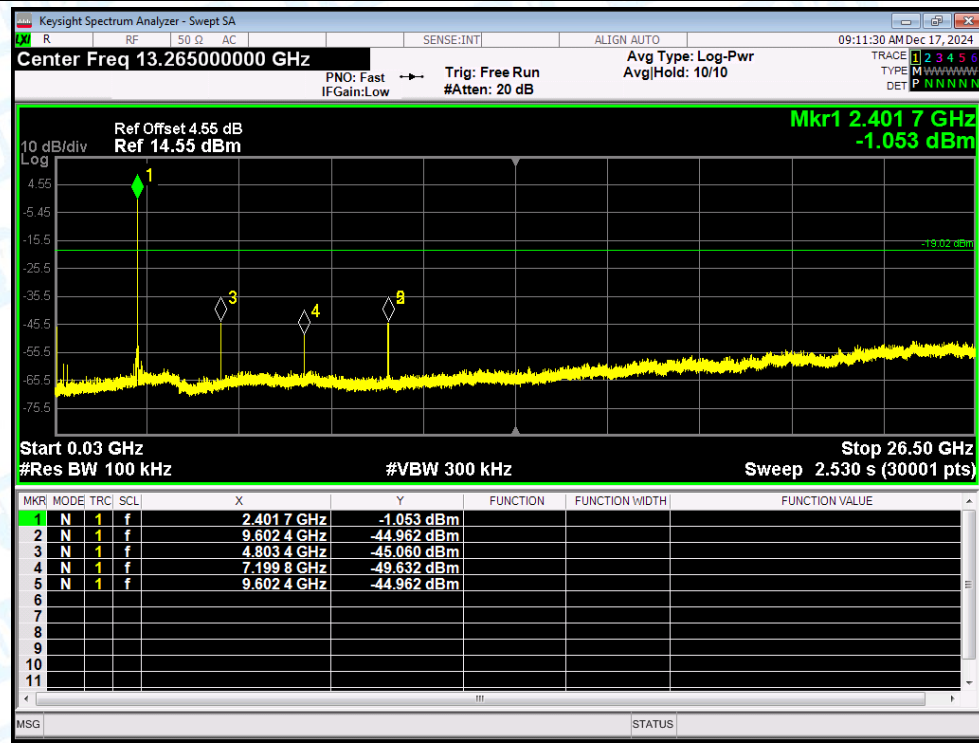
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



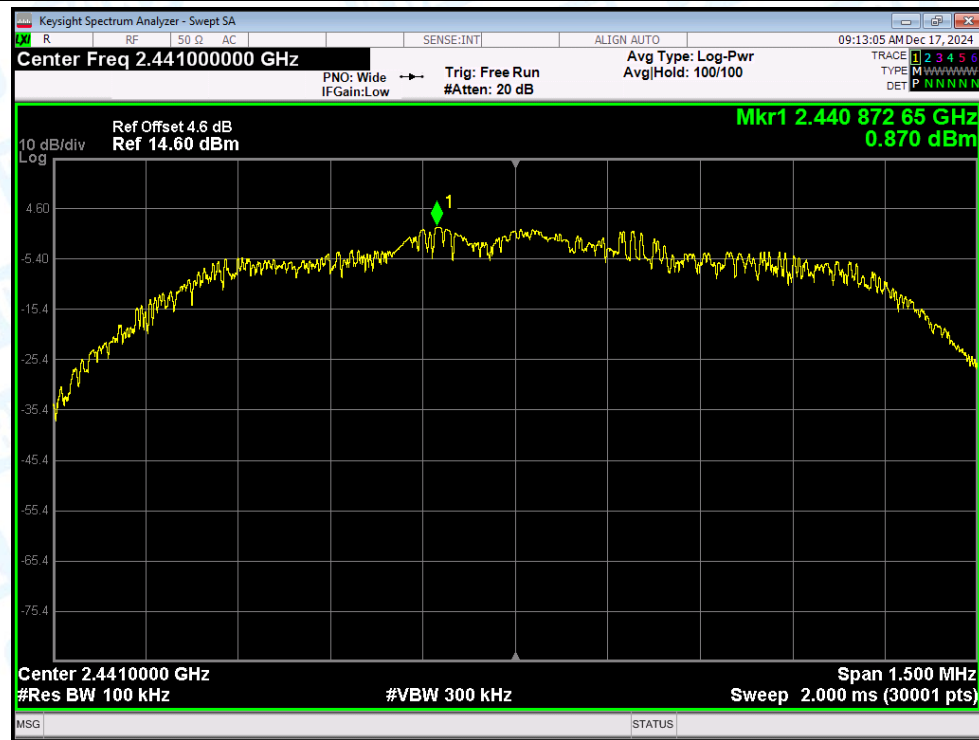
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



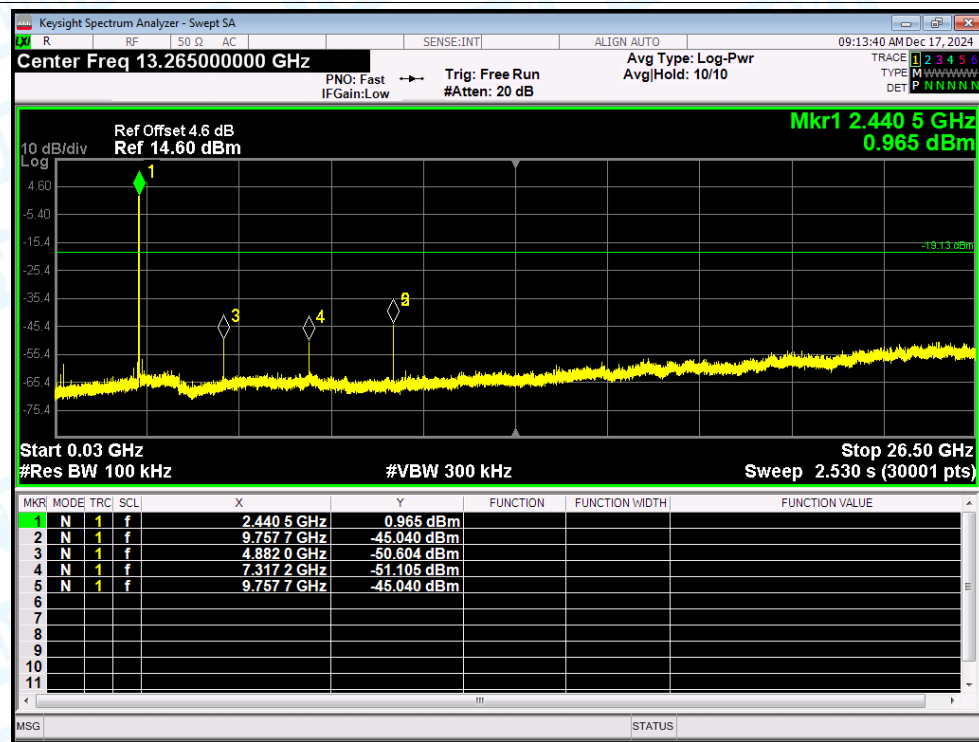
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



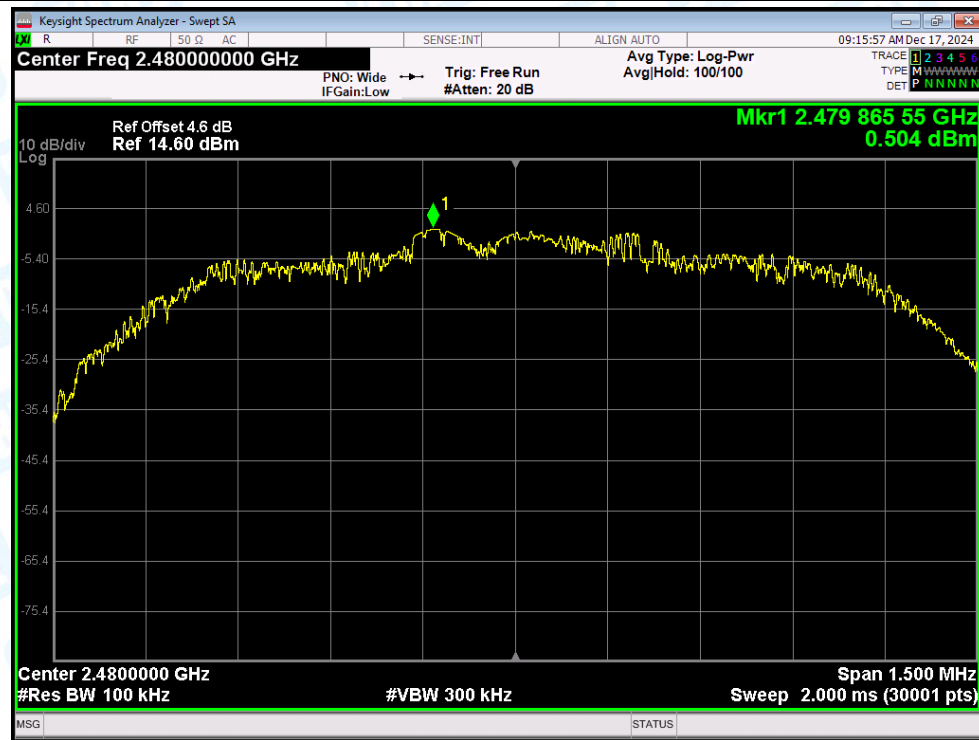
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



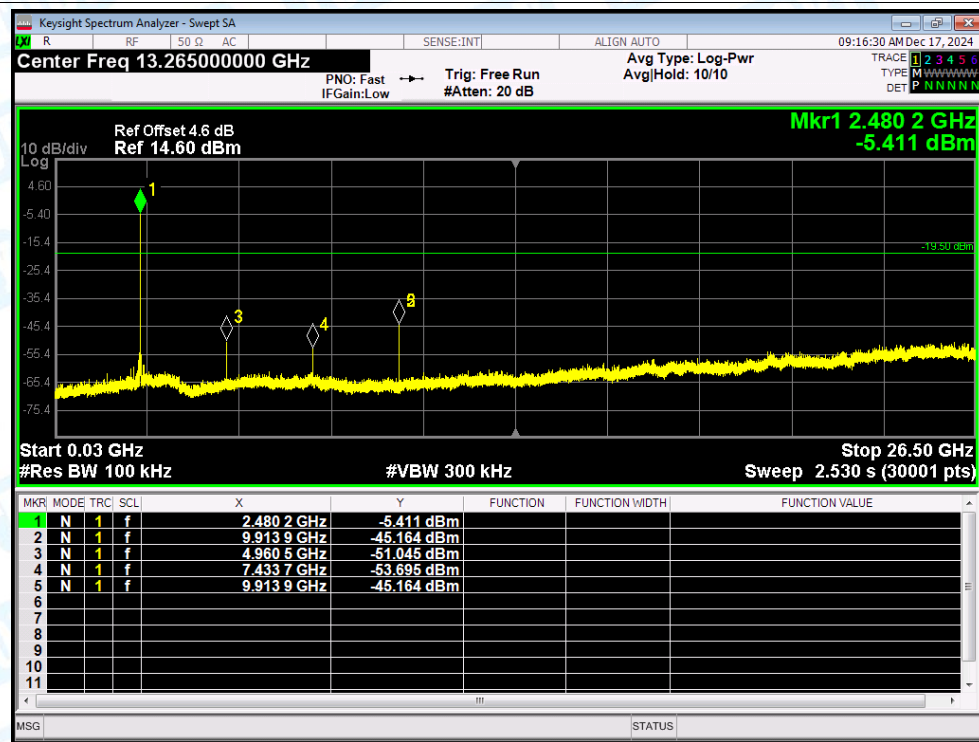
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

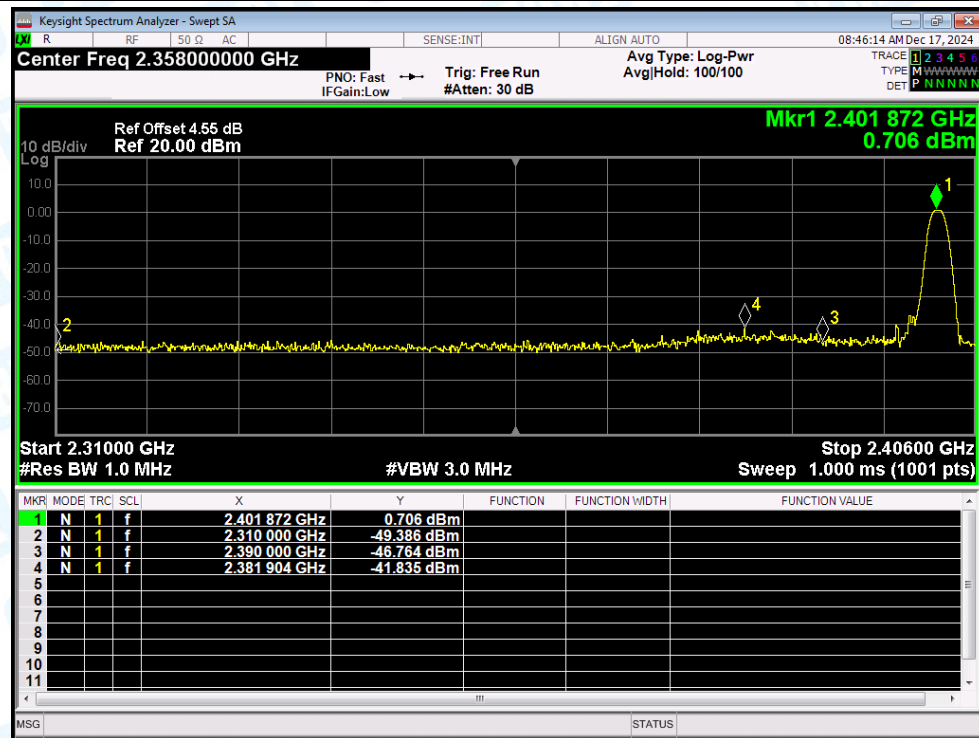


## 8. Restrict Band

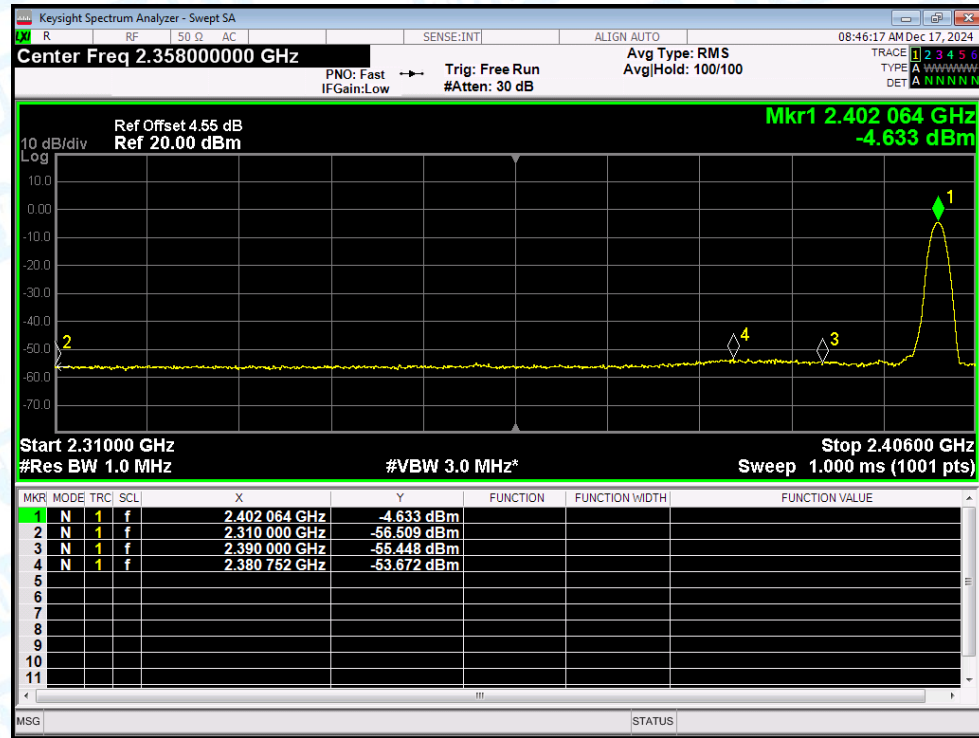
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -49.39      | 2          | -                | 47.87      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.51      | 2          | 5.29             | 46.04      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2381.904        | -41.84      | 2          | -                | 55.42      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2380.752        | -53.67      | 2          | 5.29             | 48.88      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -46.76      | 2          | -                | 50.5       | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.45      | 2          | 5.29             | 47.1       | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -45.42      | 2          | -                | 51.84      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -54.52      | 2          | 5.17             | 47.91      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2497.408        | -41.66      | 2          | -                | 55.6       | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2496.616        | -52.88      | 2          | 5.17             | 49.55      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -45.31      | 2          | -                | 51.95      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -54.73      | 2          | 5.17             | 47.7       | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -48.04      | 2          | -                | 49.22      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.91      | 2          | 5.06             | 45.41      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2380.176        | -40.55      | 2          | -                | 56.71      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2386.896        | -53.78      | 2          | 5.06             | 48.54      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -45.97      | 2          | -                | 51.29      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -54.77      | 2          | 5.06             | 47.55      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -45.2       | 2          | -                | 52.06      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -53.96      | 2          | 5.06             | 48.36      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2499.976        | -42.05      | 2          | -                | 55.21      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2497.504        | -53.06      | 2          | 5.06             | 49.26      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -43.6       | 2          | -                | 53.66      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -54.21      | 2          | 5.06             | 48.11      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -47.79      | 2          | -                | 49.47      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.4       | 2          | 5.17             | 46.03      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2384.592        | -41.96      | 2          | -                | 55.3       | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2383.824        | -53         | 2          | 5.17             | 49.43      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -46.7       | 2          | -                | 50.56      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -54.29      | 2          | 5.17             | 48.14      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -45.35      | 2          | -                | 51.91      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -54.56      | 2          | 5.06             | 47.76      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2496.784        | -40.97      | 2          | -                | 56.29      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2495.992        | -53.02      | 2          | 5.06             | 49.3       | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -44.96      | 2          | -                | 52.3       | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -53.89      | 2          | 5.06             | 48.43      | Average  | 54             | Pass    |

### Test Graphs

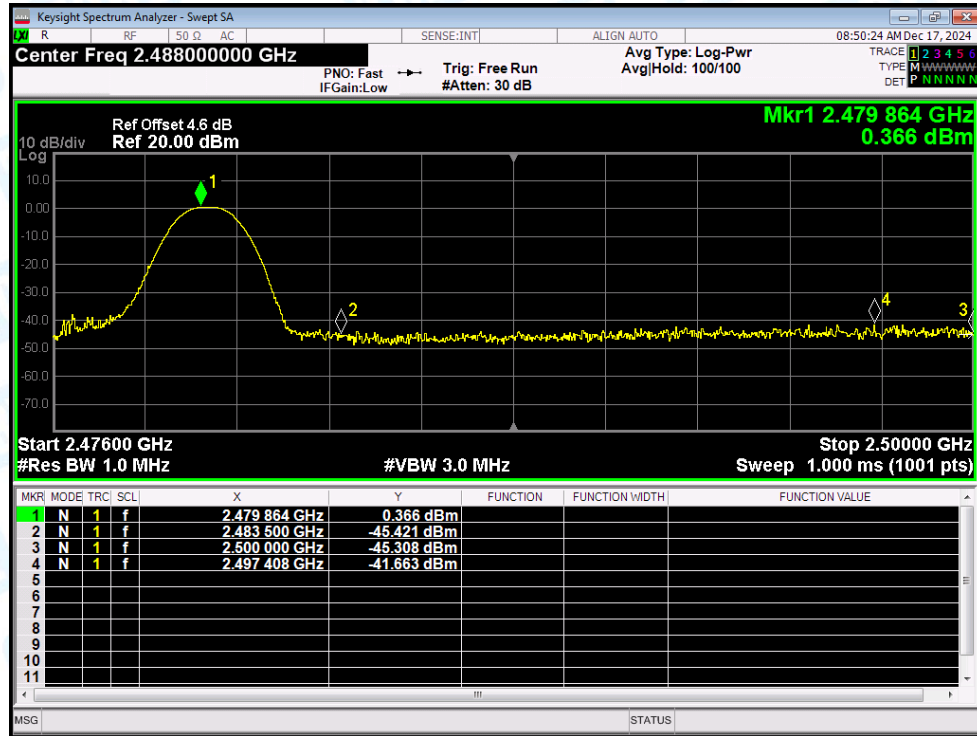
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



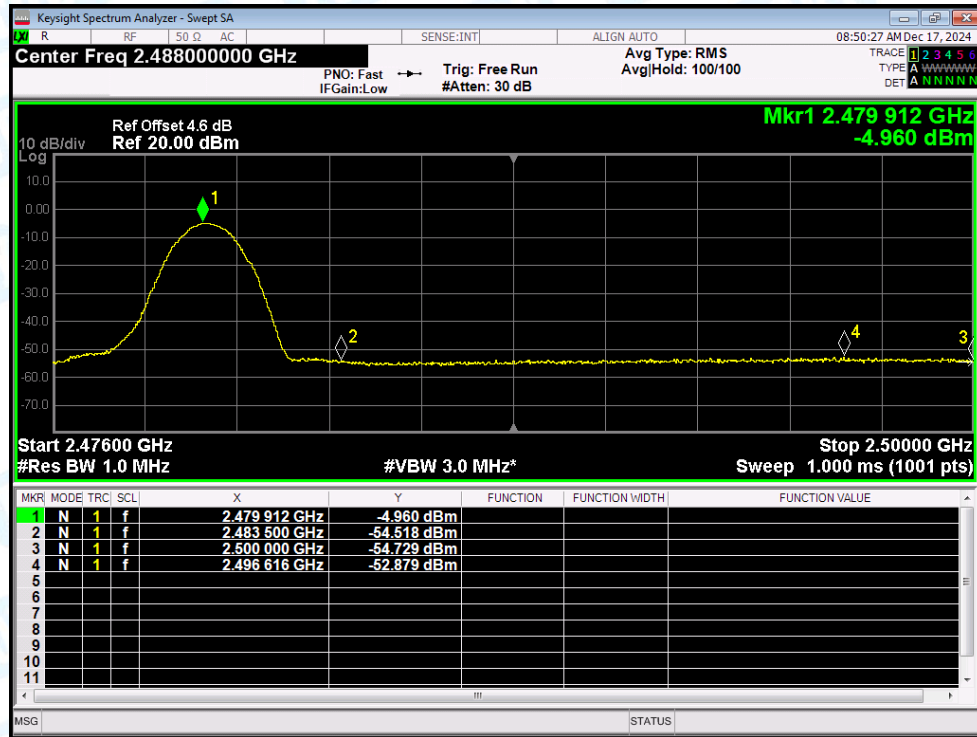
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



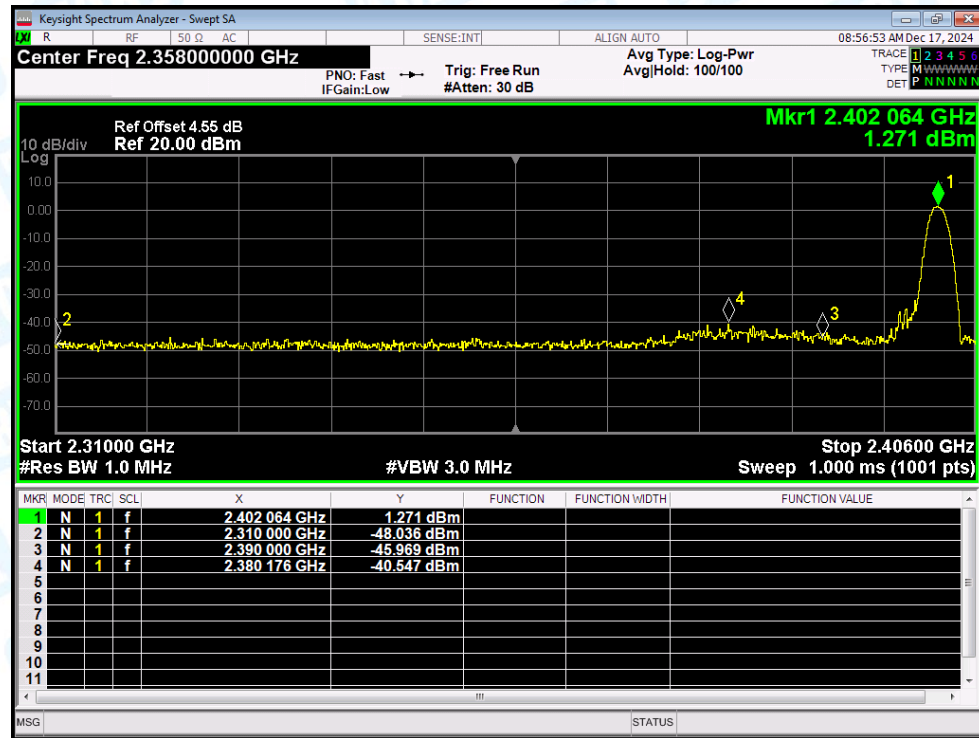
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



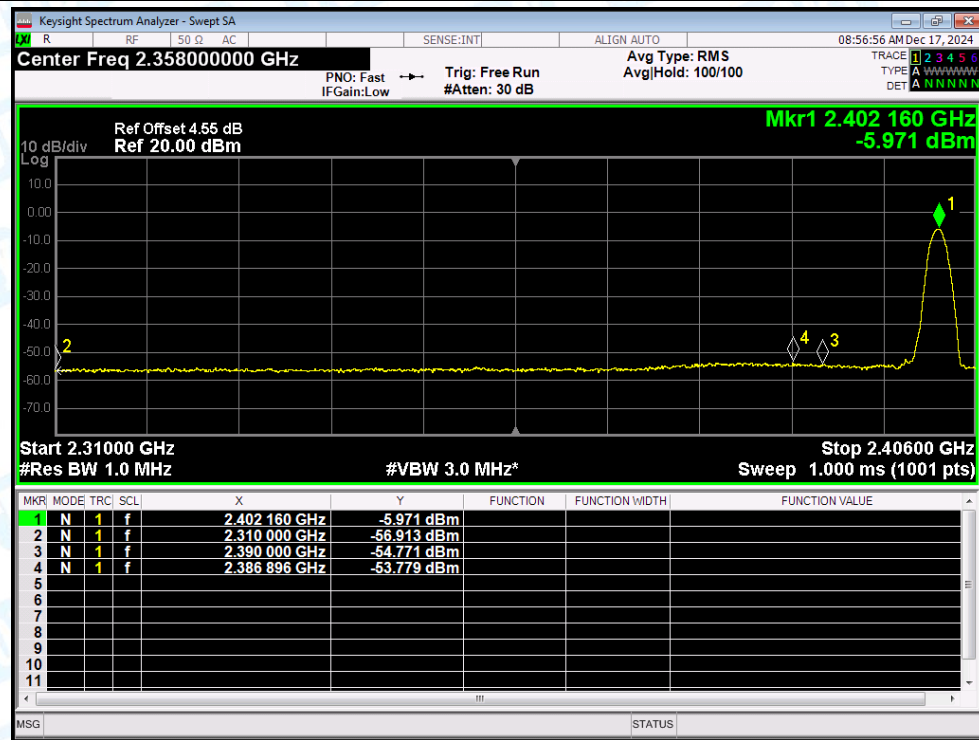
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



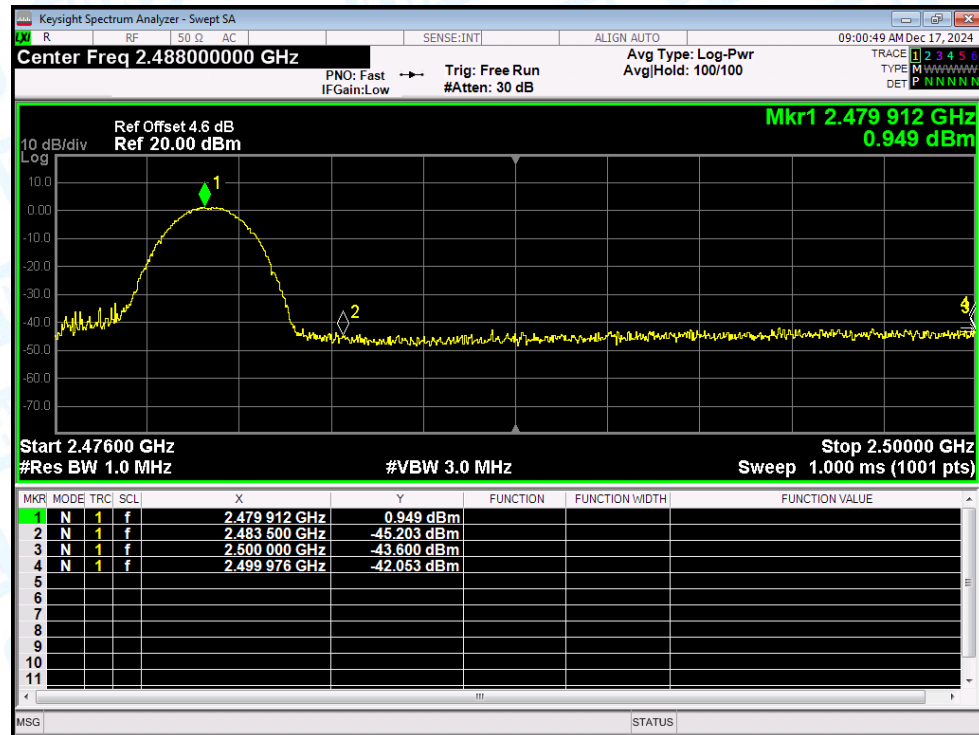
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



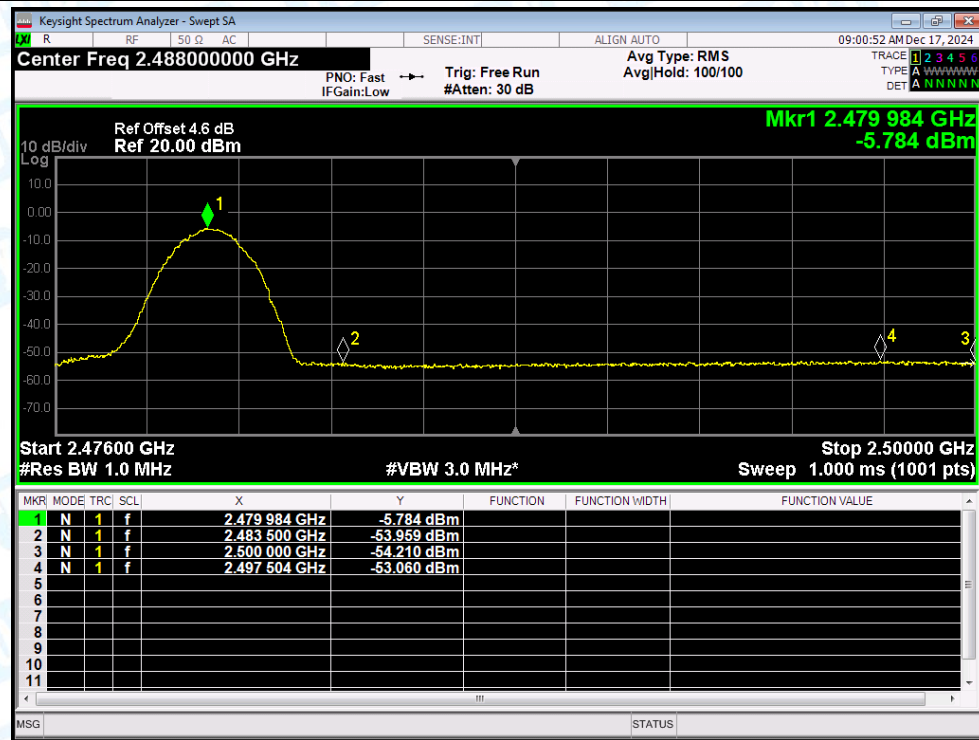
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



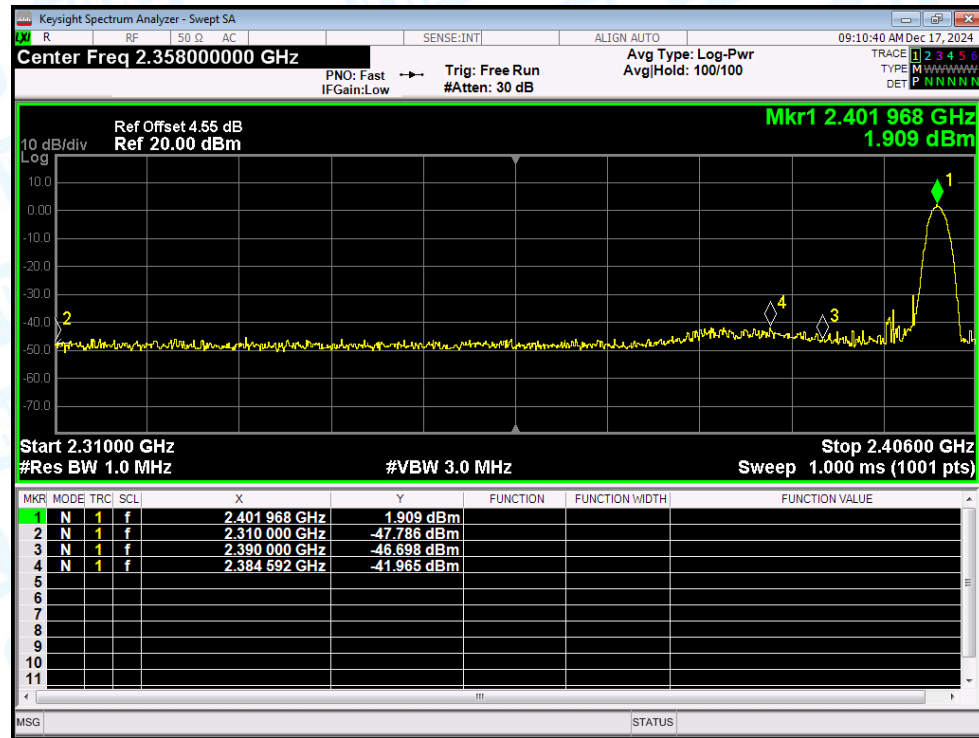
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



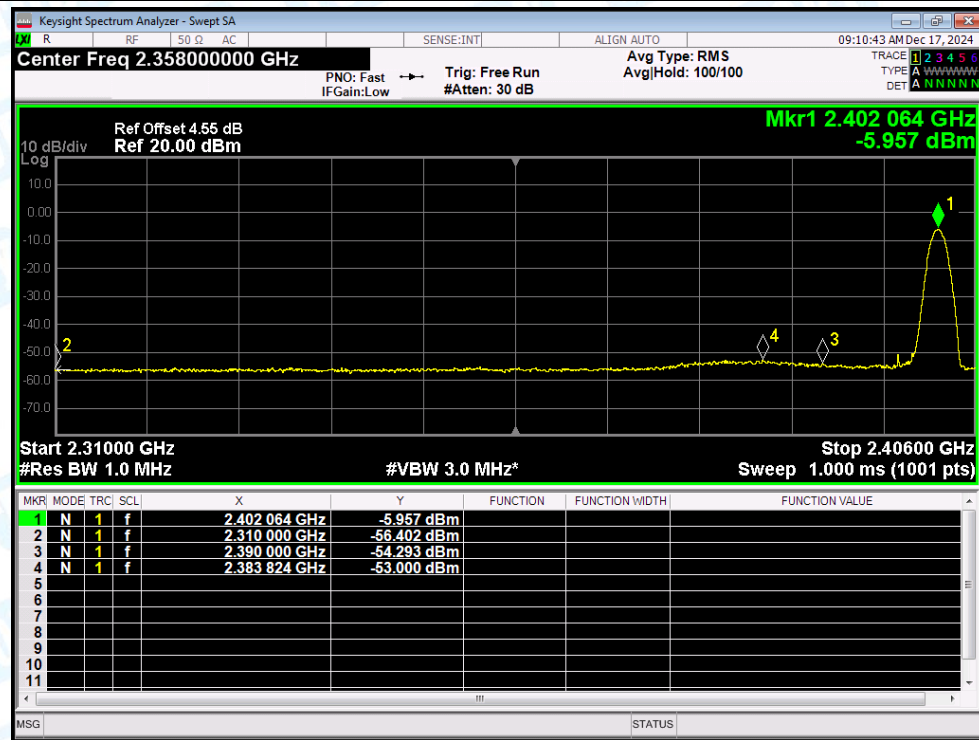
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



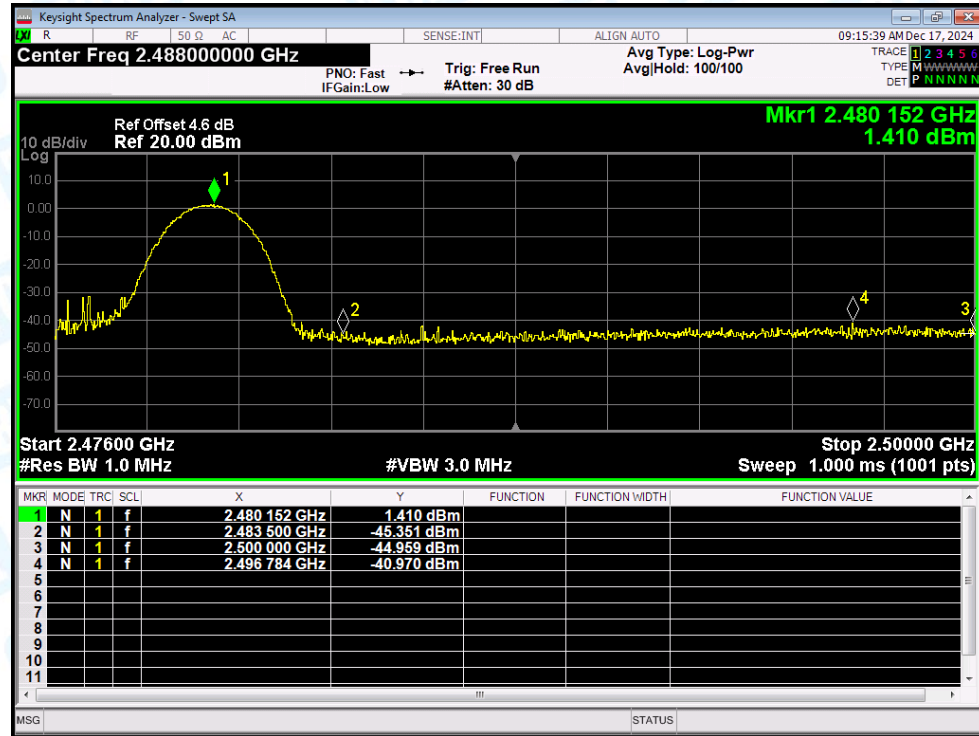
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



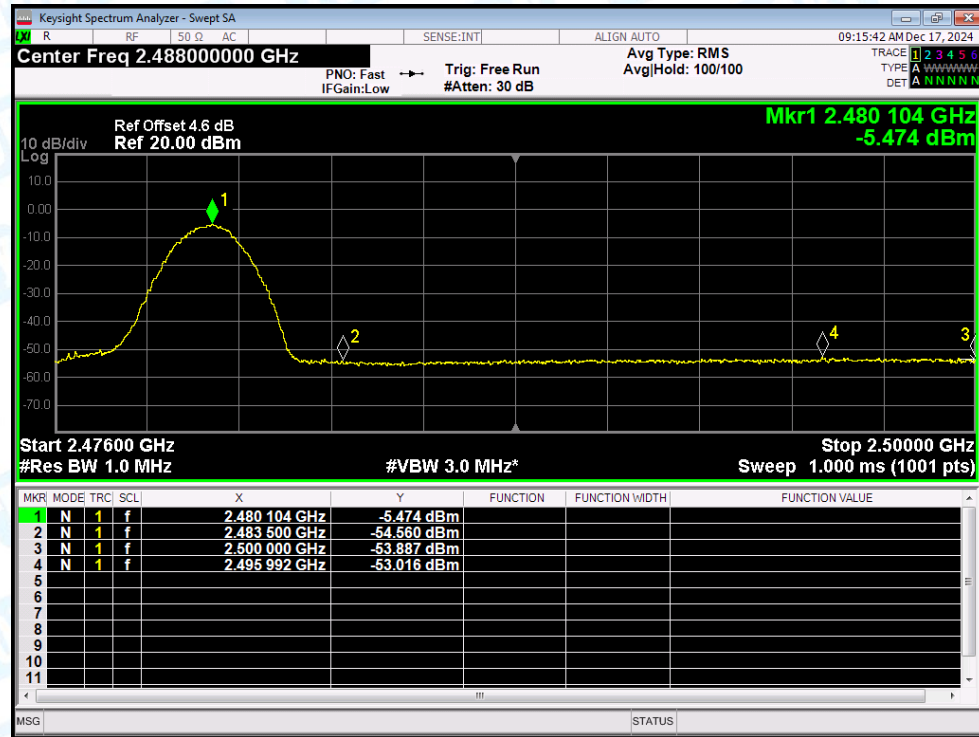
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



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



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

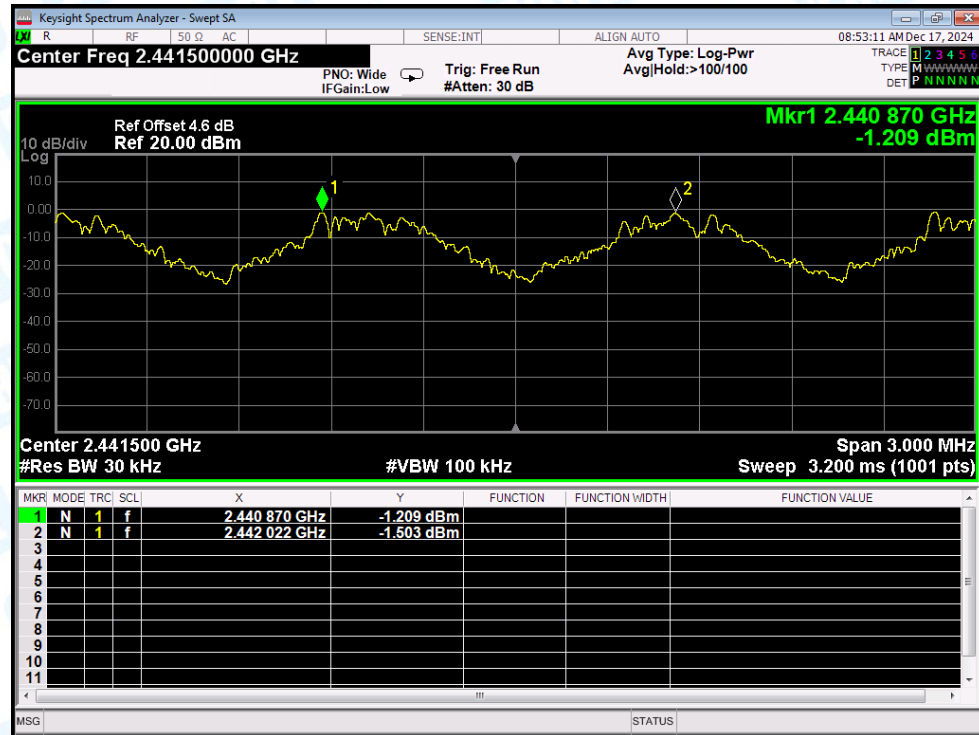


## 9. Carrier Frequencies Separation

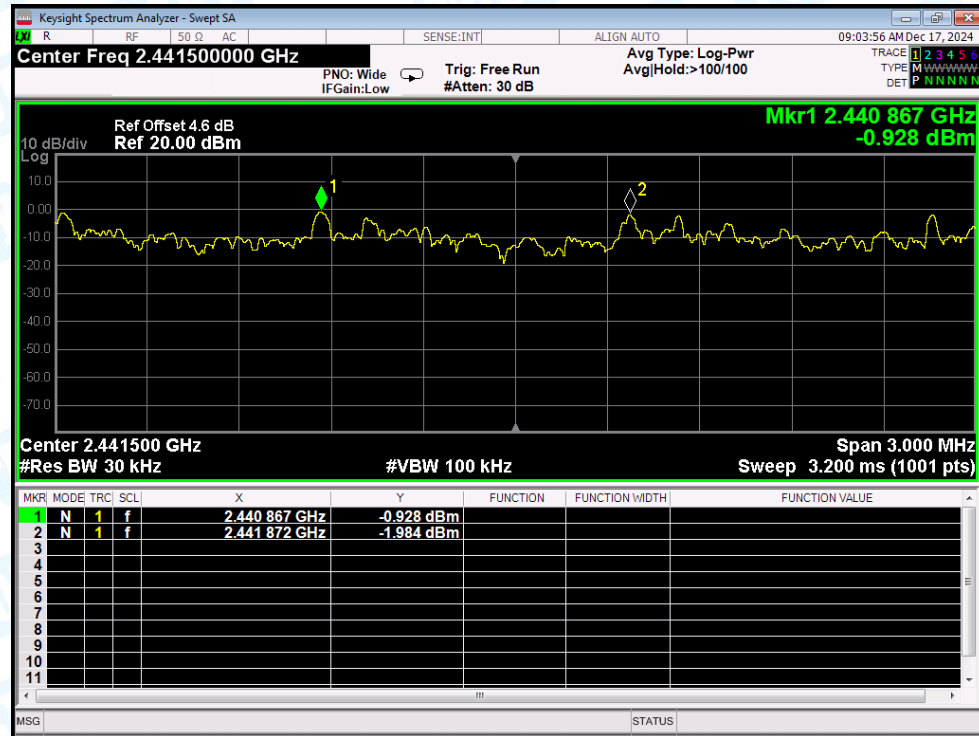
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2440.87             | 2442.022            | 1.152     | 0.587       | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.867            | 2441.872            | 1.005     | 0.833       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2441.02             | 2442.028            | 1.008     | 0.8         | Pass    |

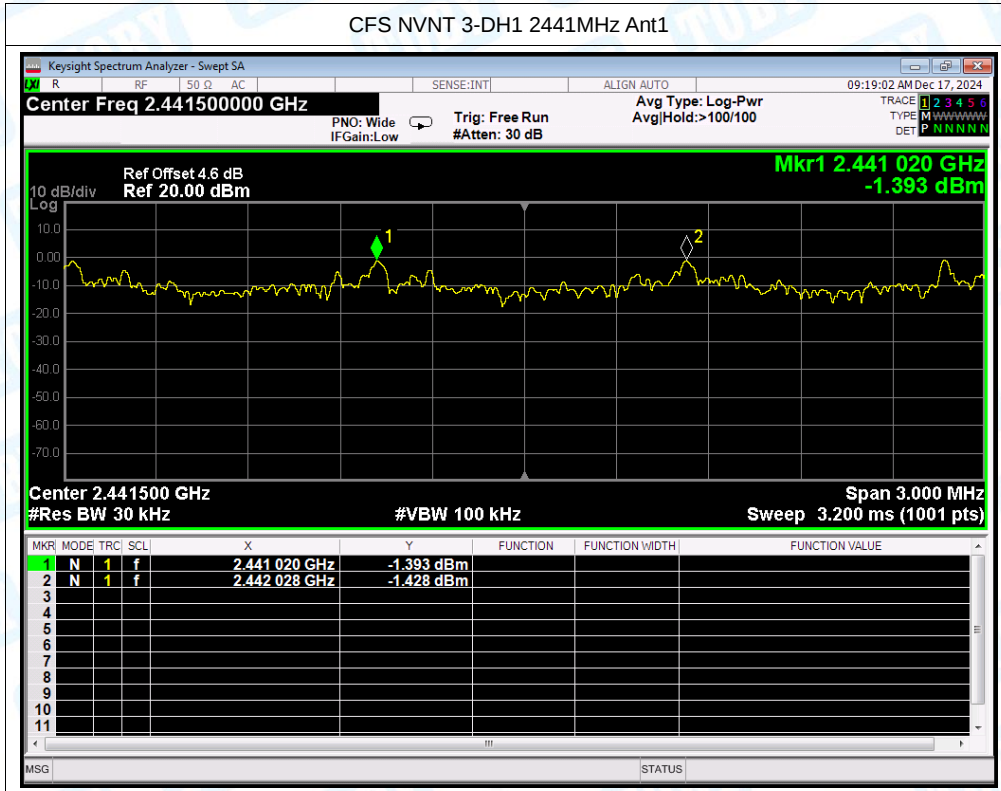
### Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



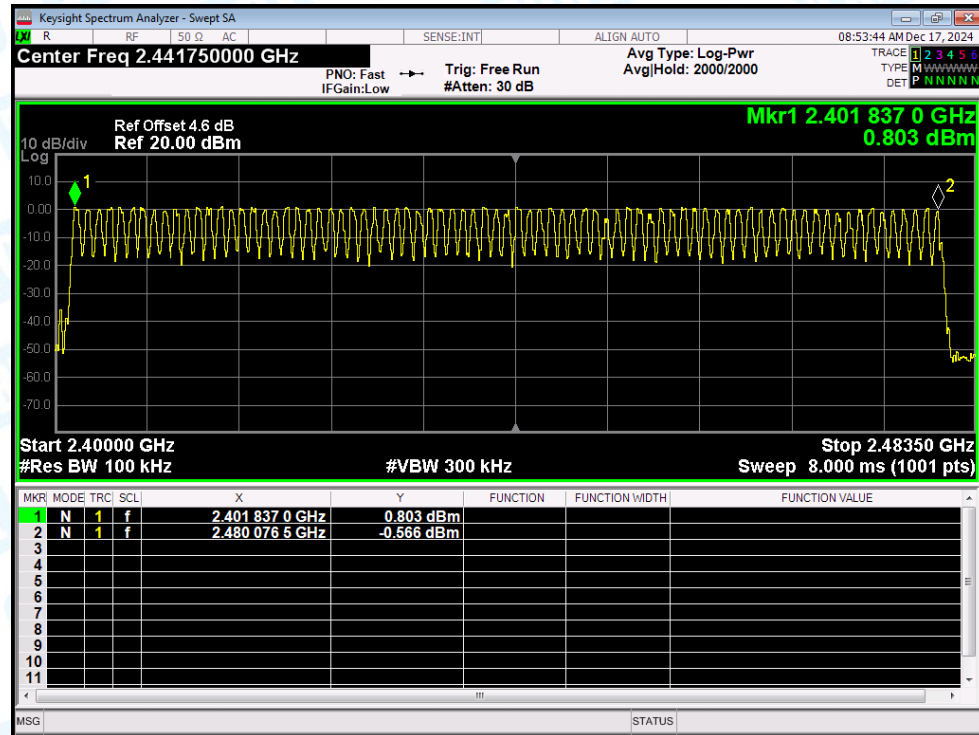


10. Number of Hopping Channel

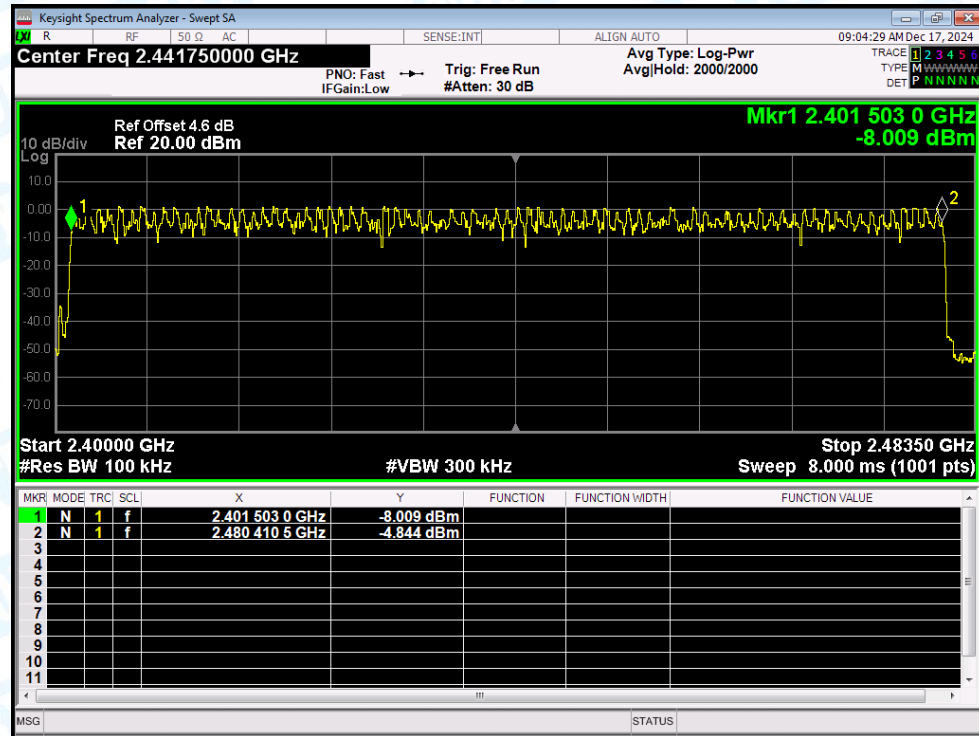
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79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

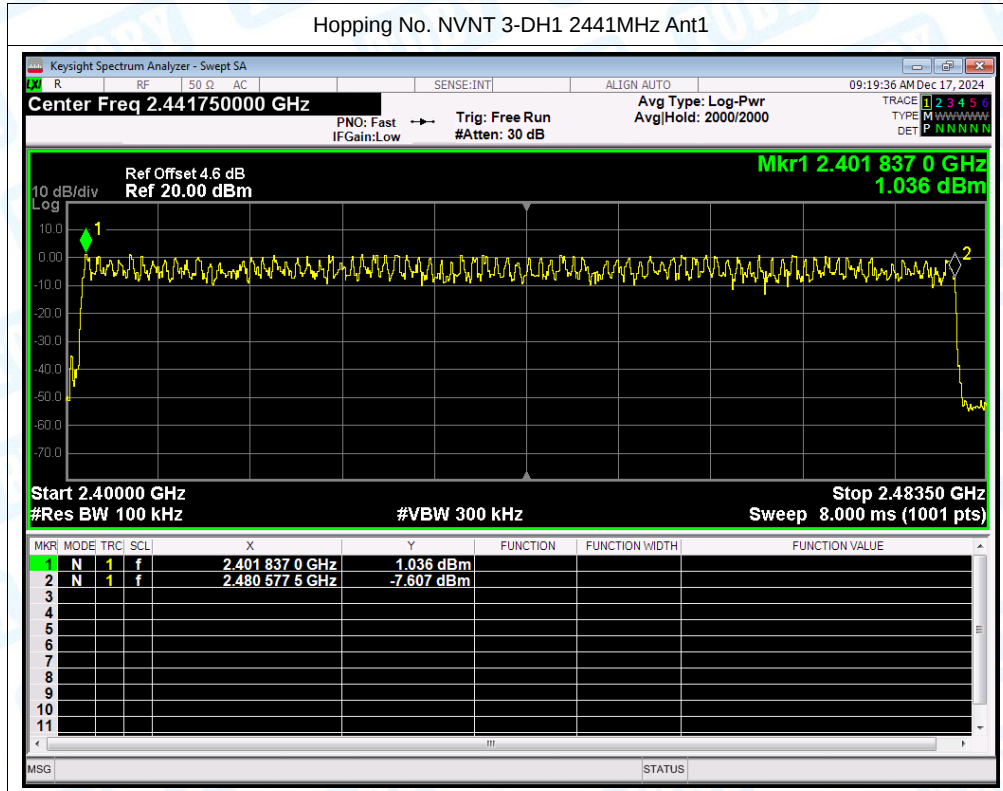
### Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



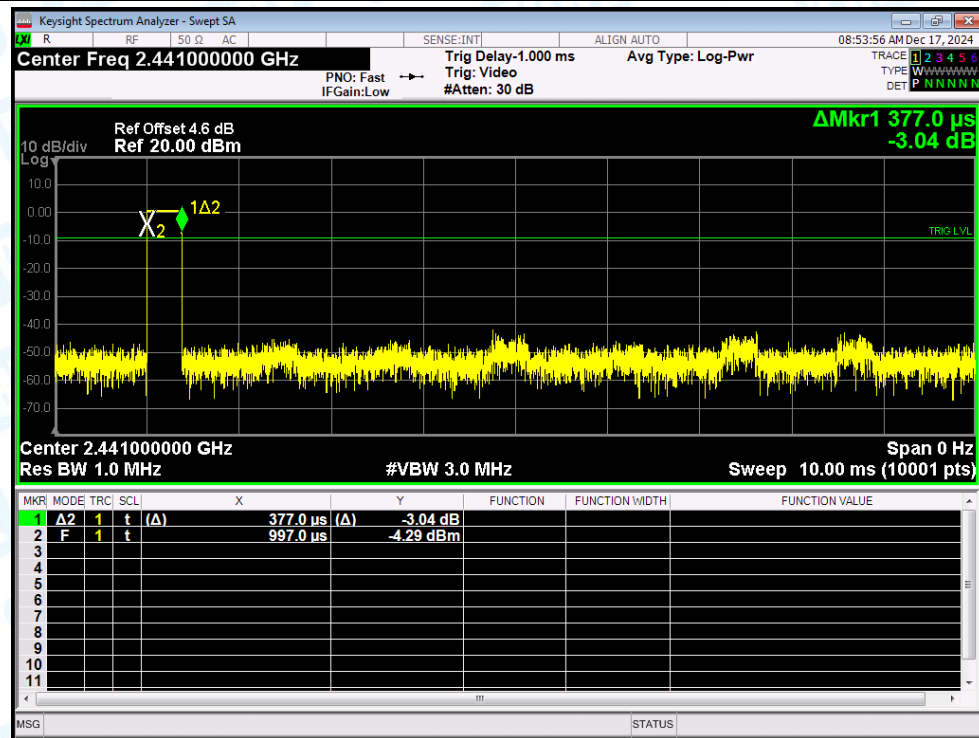


## 11. Dwell Time

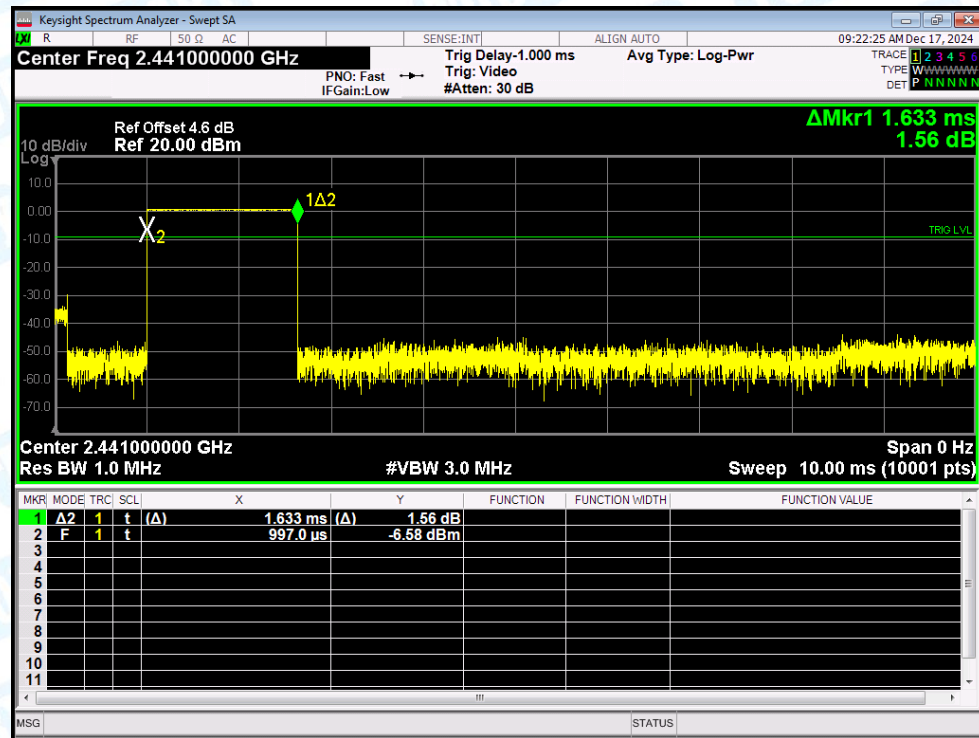
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.377           | 120.64                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.633           | 261.28                | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.881           | 307.307               | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.386           | 123.52                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.638           | 262.08                | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.887           | 307.947               | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.388           | 124.16                | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.637           | 261.92                | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.888           | 308.053               | 31600            | 400        | Pass    |

### Test Graphs

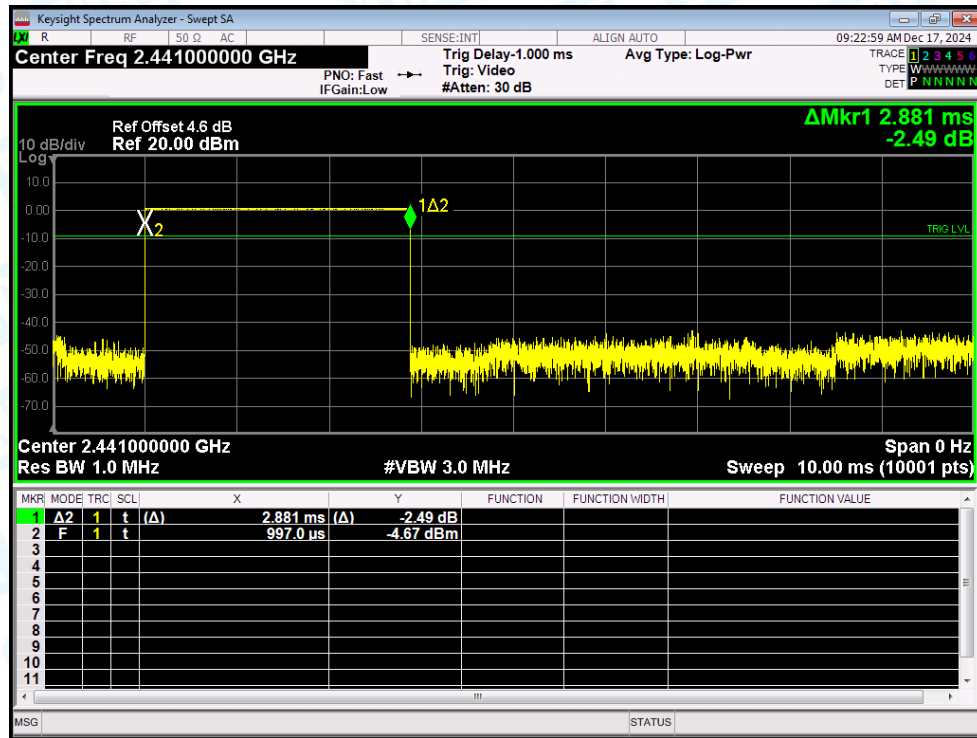
#### Dwell NVNT 1-DH1 2441MHz Ant1



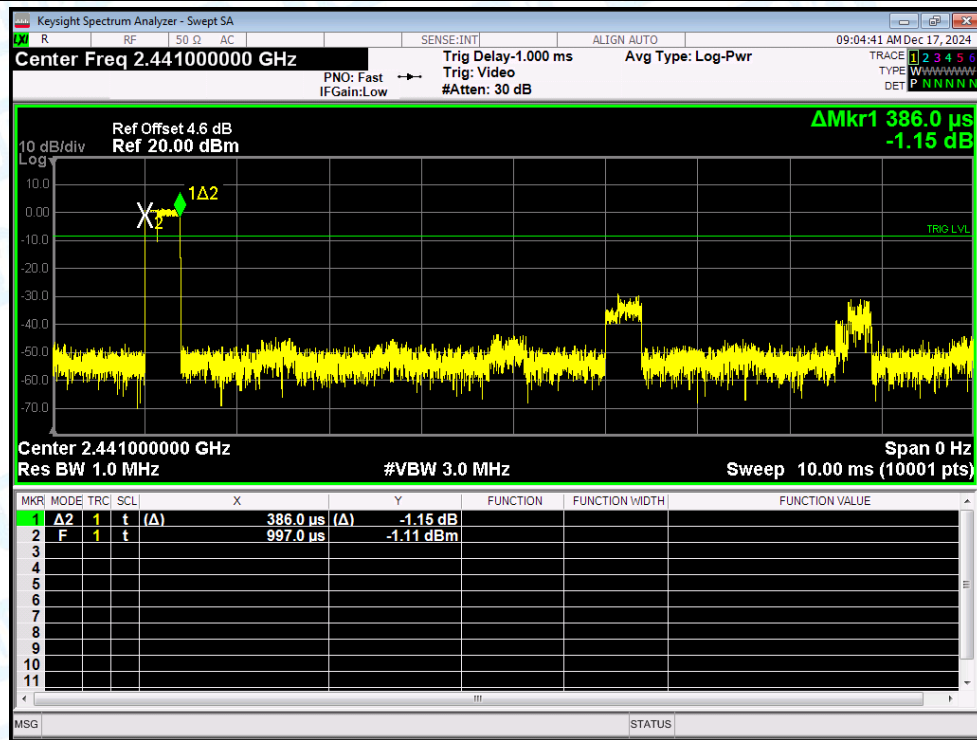
#### Dwell NVNT 1-DH3 2441MHz Ant1



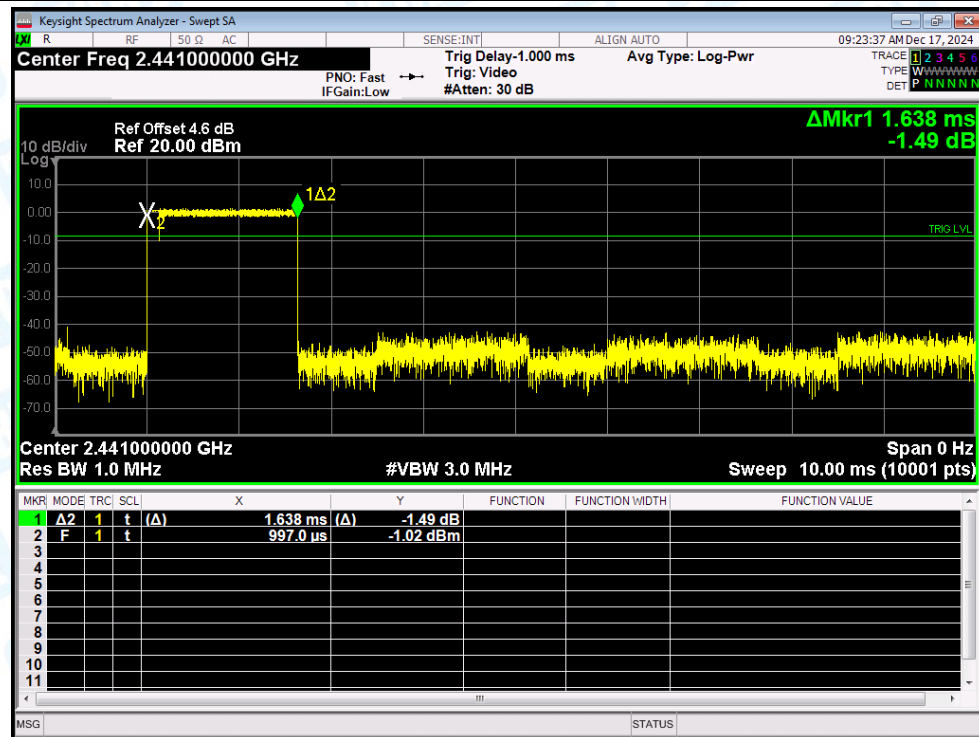
Dwell NVNT 1-DH5 2441MHz Ant1



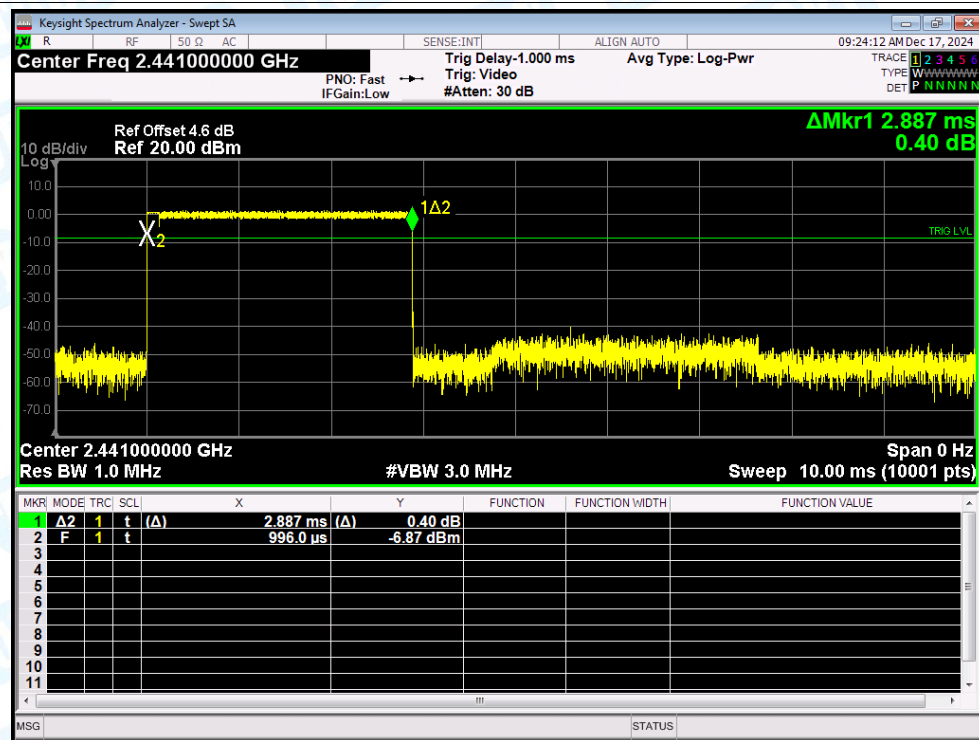
Dwell NVNT 2-DH1 2441MHz Ant1



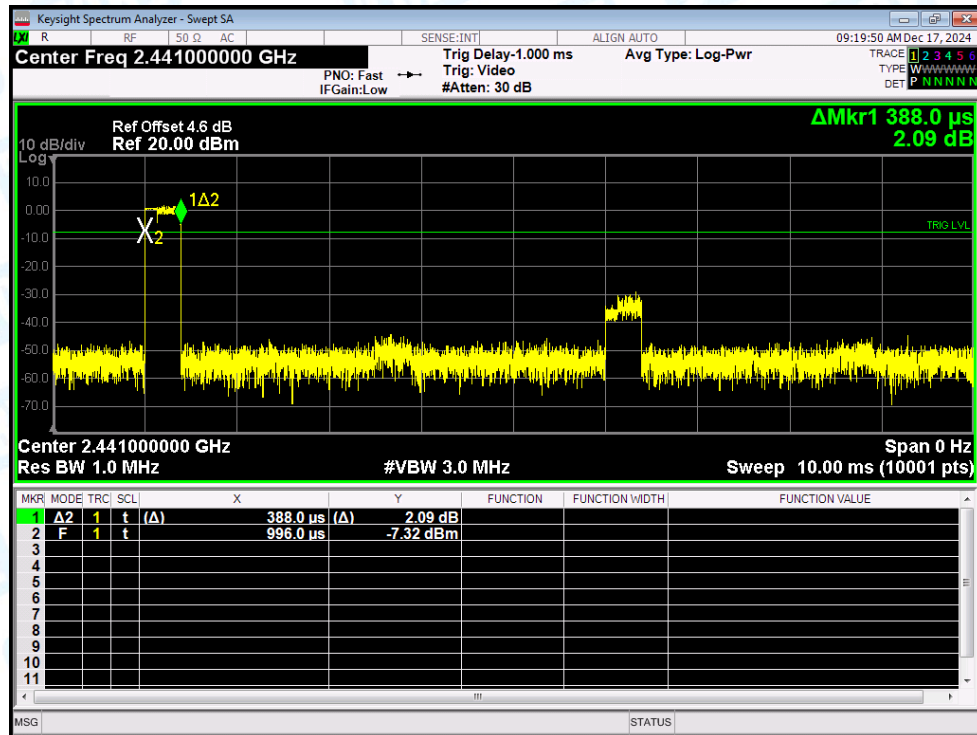
Dwell NVNT 2-DH3 2441MHz Ant1



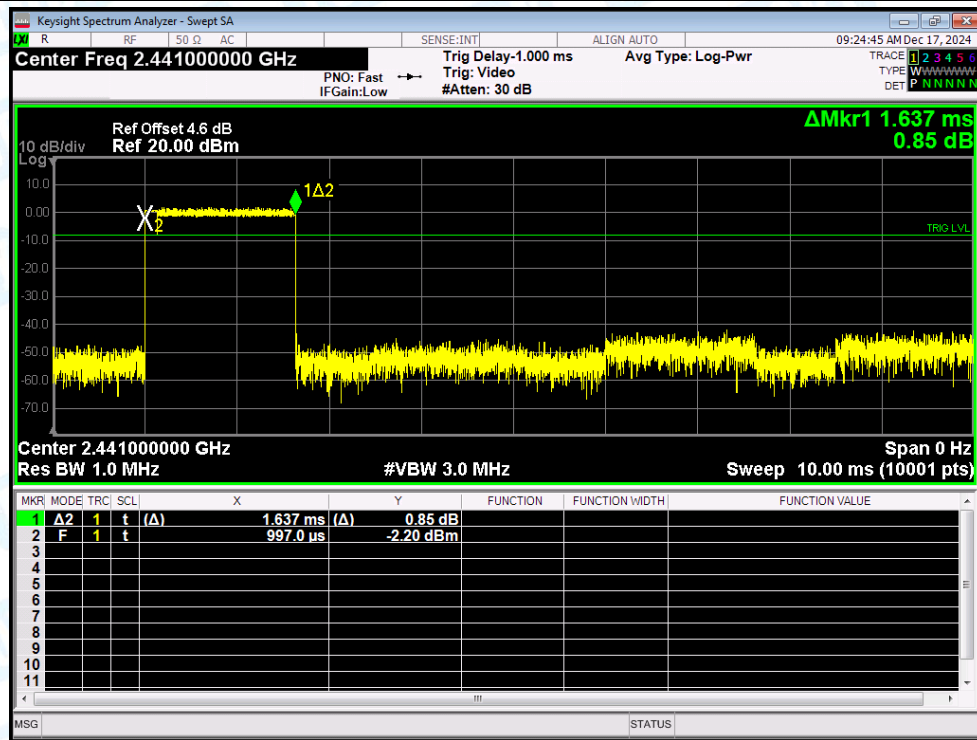
Dwell NVNT 2-DH5 2441MHz Ant1

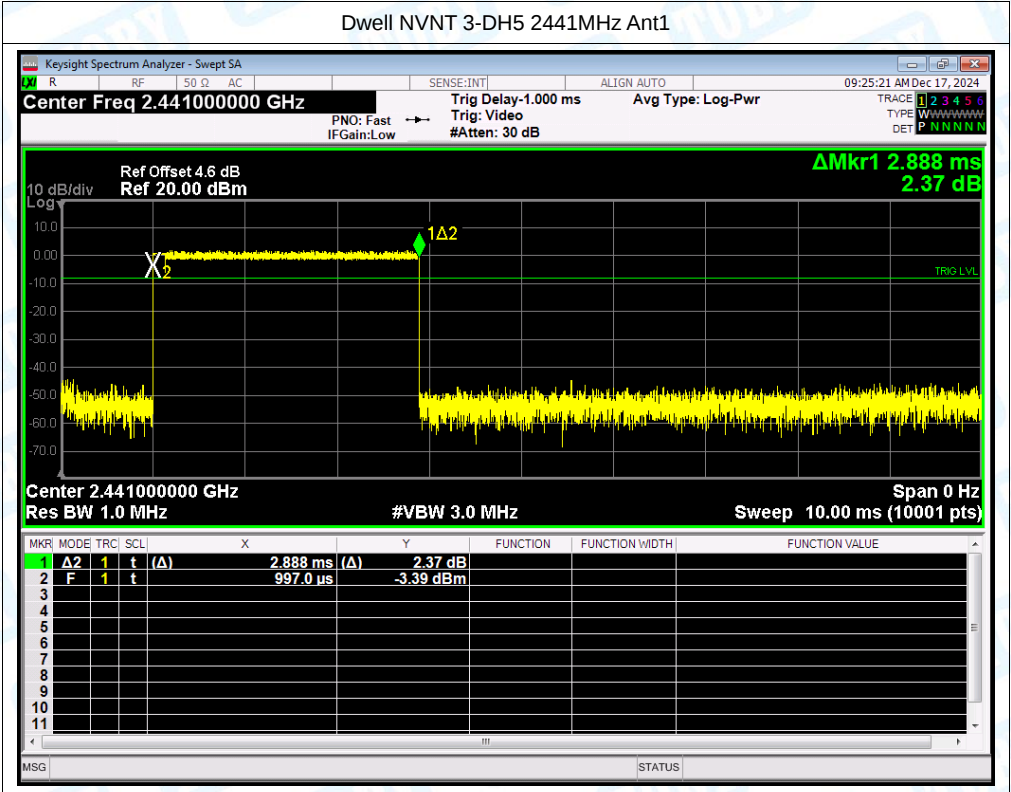


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





--- END OF REPORT ---