

# RF Test Data for Bluetooth (Conducted Measurements)

| General Description of EUT                                                                                                                   |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Product Name:                                                                                                                                | projector              |
| Test Model:                                                                                                                                  | P4                     |
| Sample ID:                                                                                                                                   | HC-C-202412-0058-01-01 |
| Environmental Conditions                                                                                                                     |                        |
| Temperature:                                                                                                                                 | 23.5℃                  |
| Relative Humidity:                                                                                                                           | 46.2%                  |
| Test Voltage:                                                                                                                                | DC 15V                 |
| Test Engineer:                                                                                                                               | Rick chen              |
| Note: For a more detailed features description, please refer to the report TBR-C-202412-0058-18<br>The report only show the worst case data. |                        |

## Contents

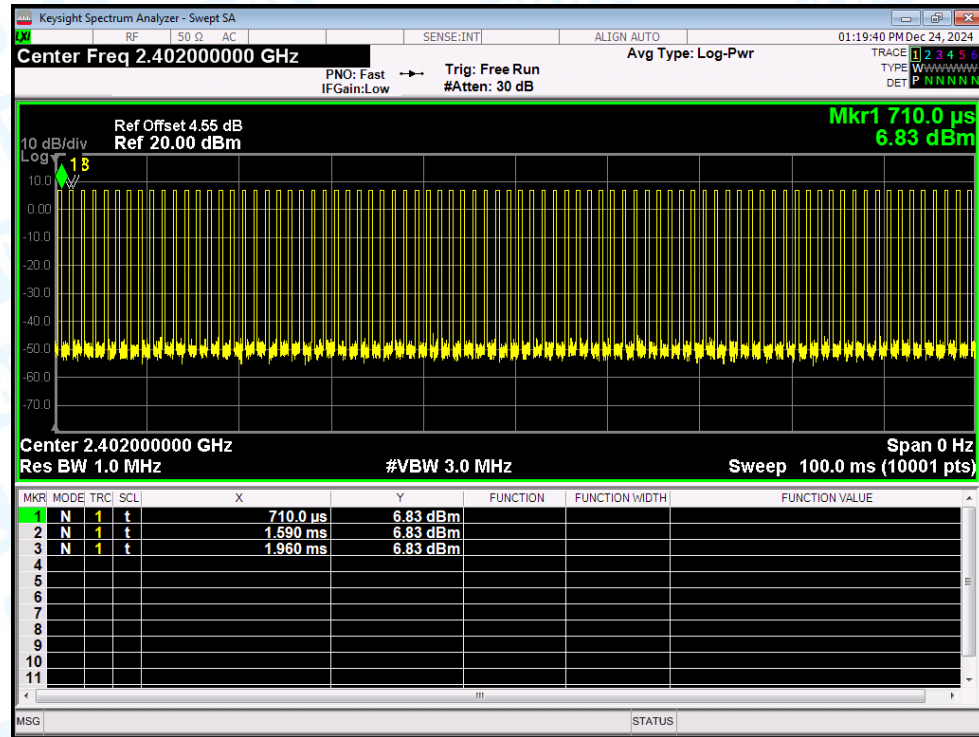
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## 1. Duty Cycle

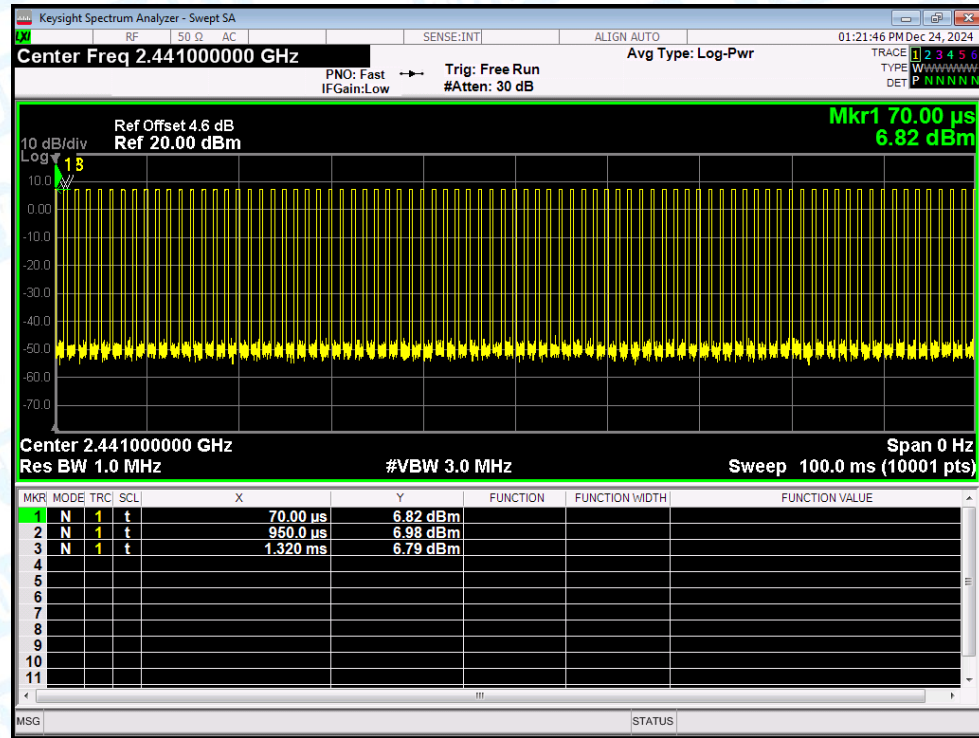
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 29.6           | 5.29                   | 2.7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

### Test Graphs

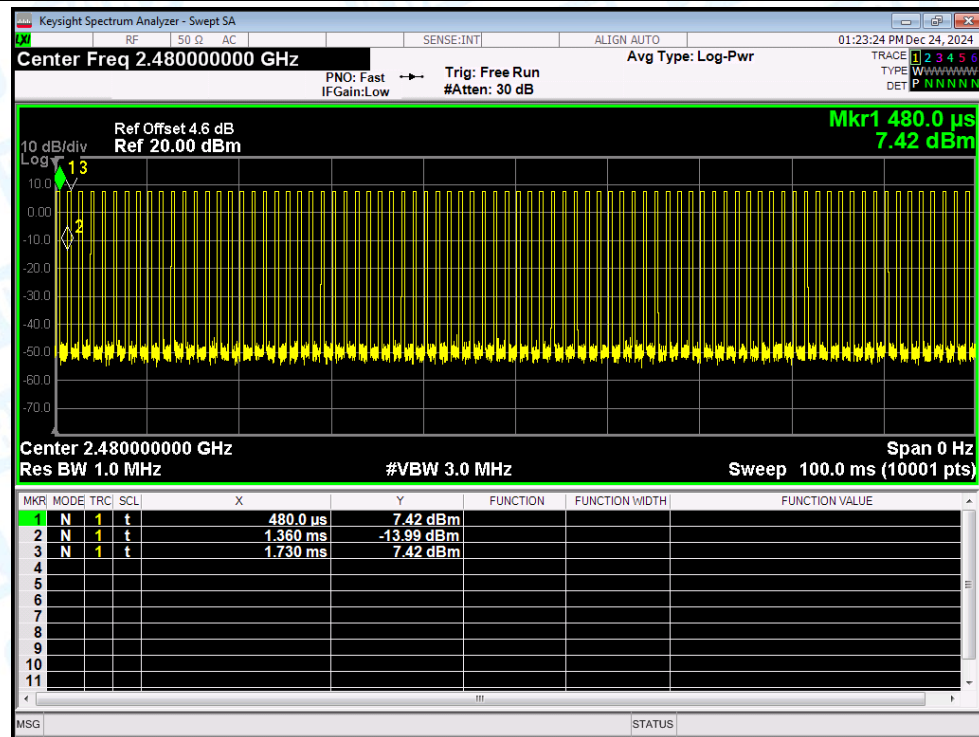
#### Duty Cycle NVNT 1-DH1 2402MHz Ant1



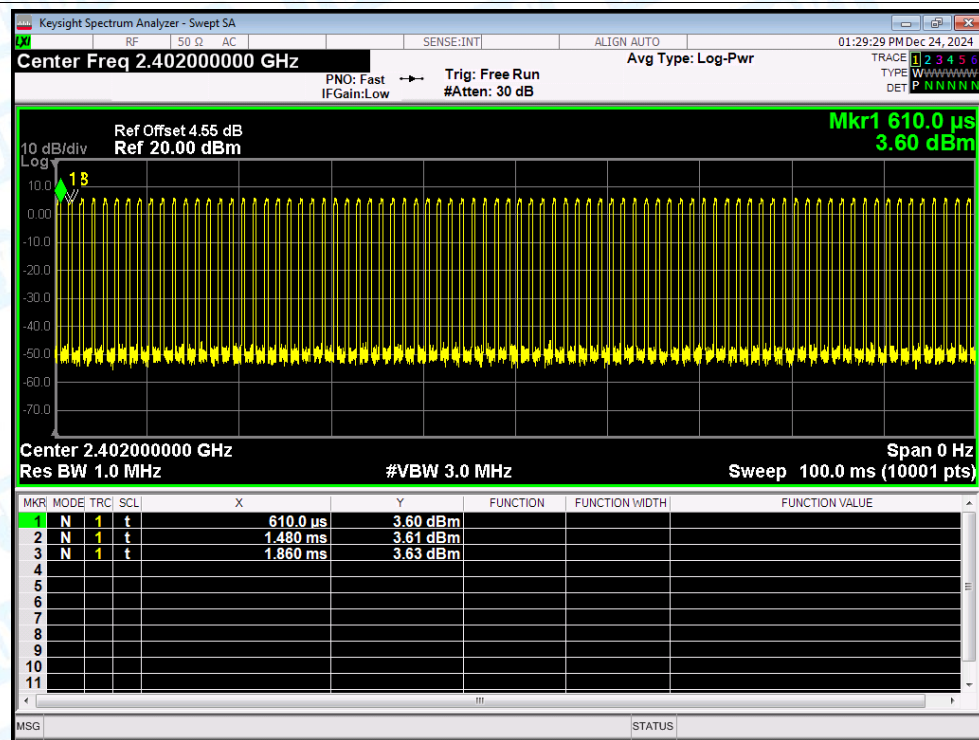
#### Duty Cycle NVNT 1-DH1 2441MHz Ant1



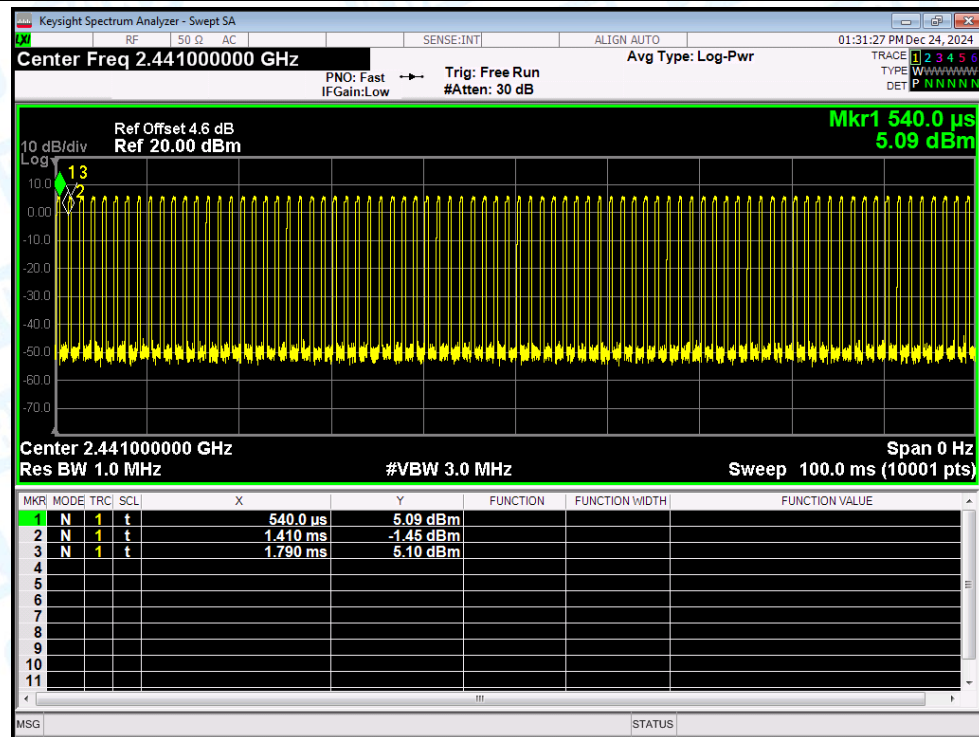
### Duty Cycle NVNT 1-DH1 2480MHz Ant1



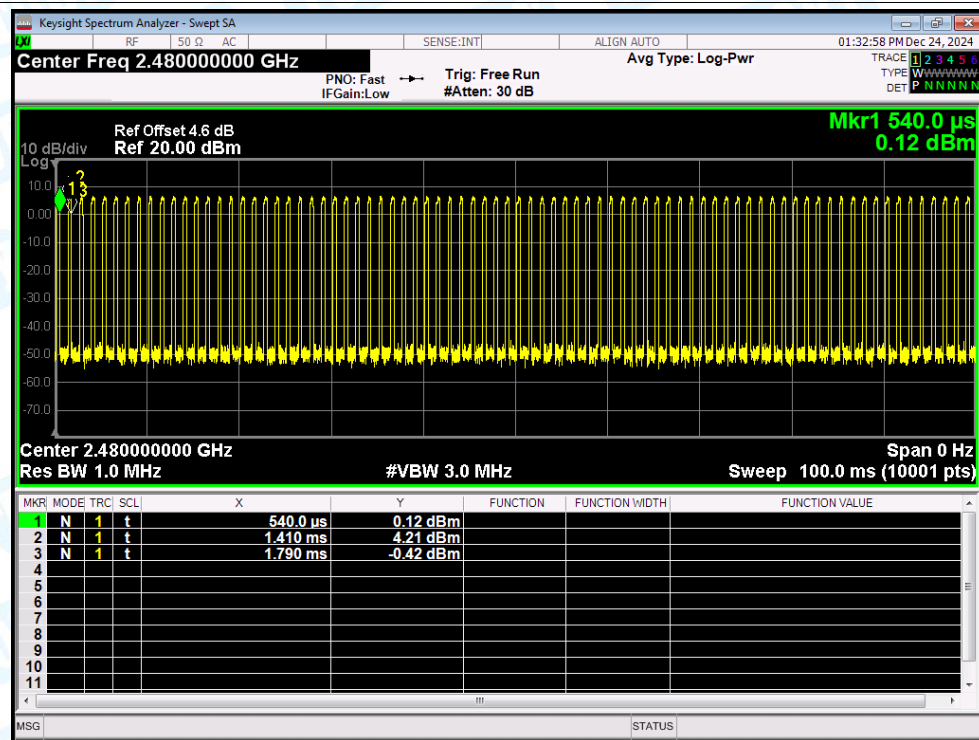
### Duty Cycle NVNT 2-DH1 2402MHz Ant1



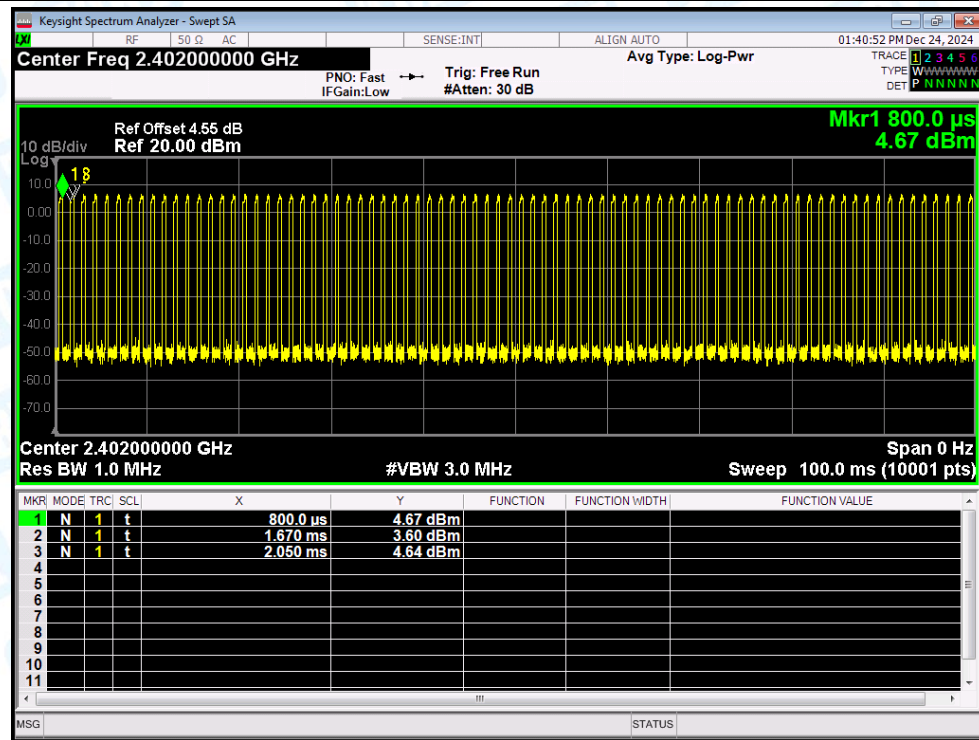
### Duty Cycle NVNT 2-DH1 2441MHz Ant1



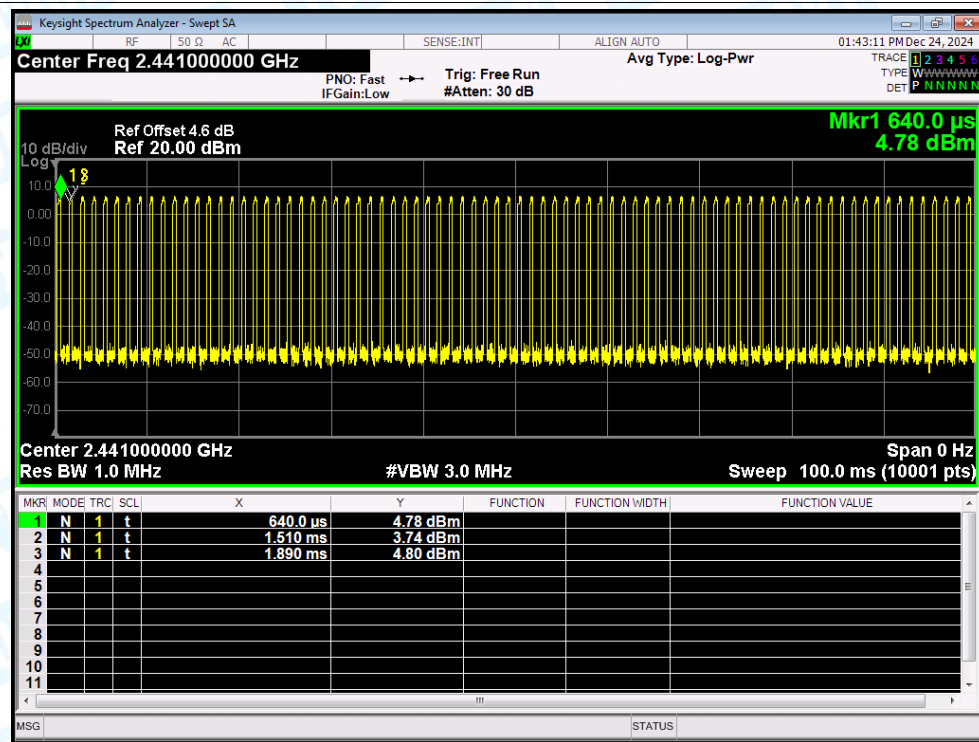
### Duty Cycle NVNT 2-DH1 2480MHz Ant1

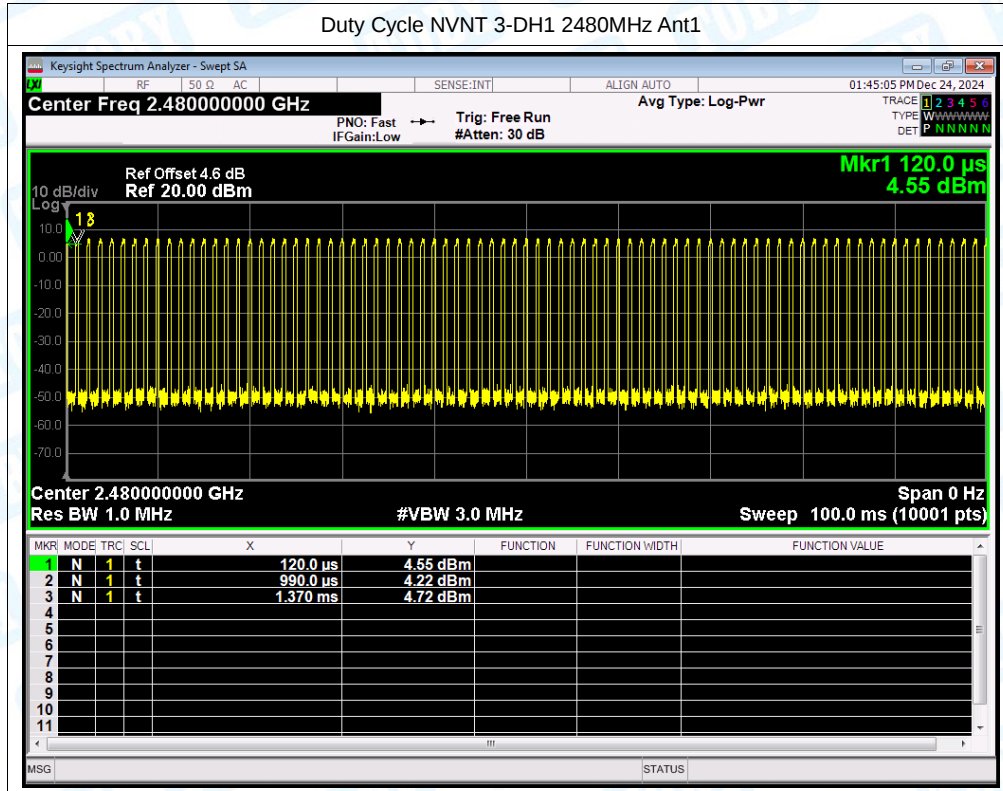


### Duty Cycle NVNT 3-DH1 2402MHz Ant1



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



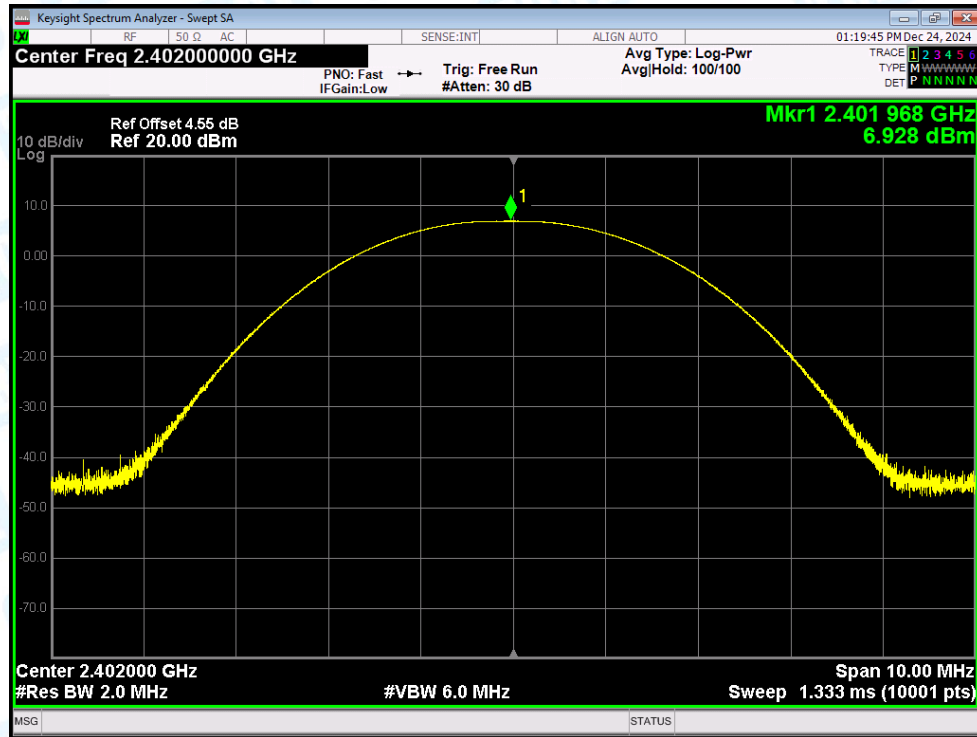


## 2. Maximum Conducted Output Power

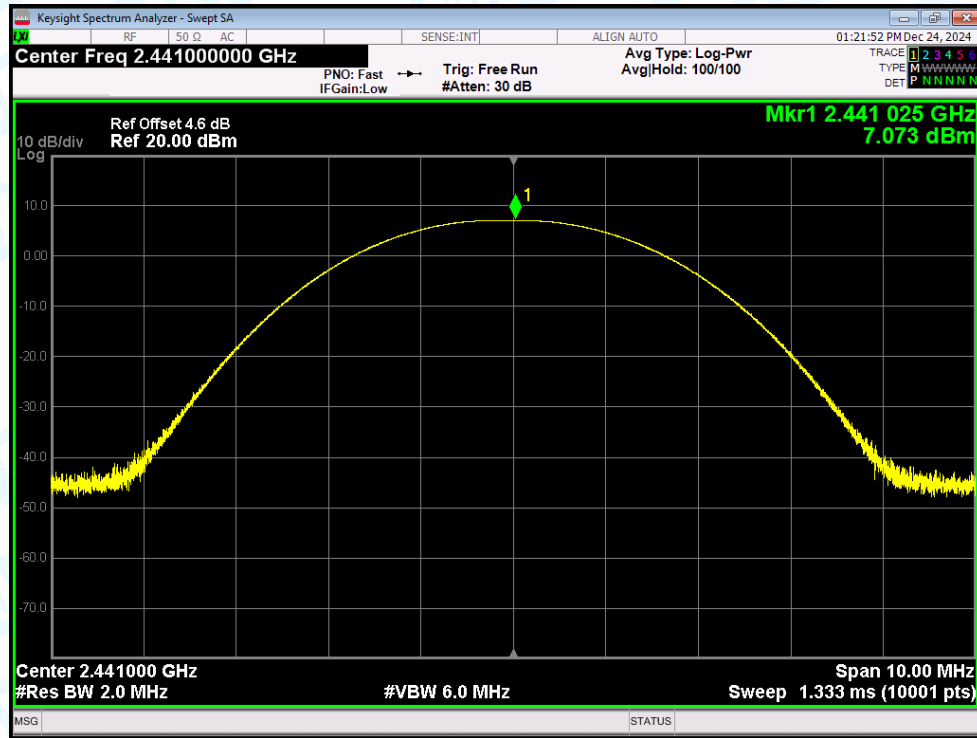
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------|----------------------|----------------|---------|
| NVNT      | 1-DH1 | 2402               | Ant1    | 6.928                | 21             | Pass    |
| NVNT      | 1-DH1 | 2441               | Ant1    | 7.073                | 21             | Pass    |
| NVNT      | 1-DH1 | 2480               | Ant1    | 7.517                | 21             | Pass    |
| NVNT      | 2-DH1 | 2402               | Ant1    | 6.257                | 21             | Pass    |
| NVNT      | 2-DH1 | 2441               | Ant1    | 6.391                | 21             | Pass    |
| NVNT      | 2-DH1 | 2480               | Ant1    | 6.818                | 21             | Pass    |
| NVNT      | 3-DH1 | 2402               | Ant1    | 6.795                | 21             | Pass    |
| NVNT      | 3-DH1 | 2441               | Ant1    | 6.972                | 21             | Pass    |
| NVNT      | 3-DH1 | 2480               | Ant1    | 7.407                | 21             | Pass    |

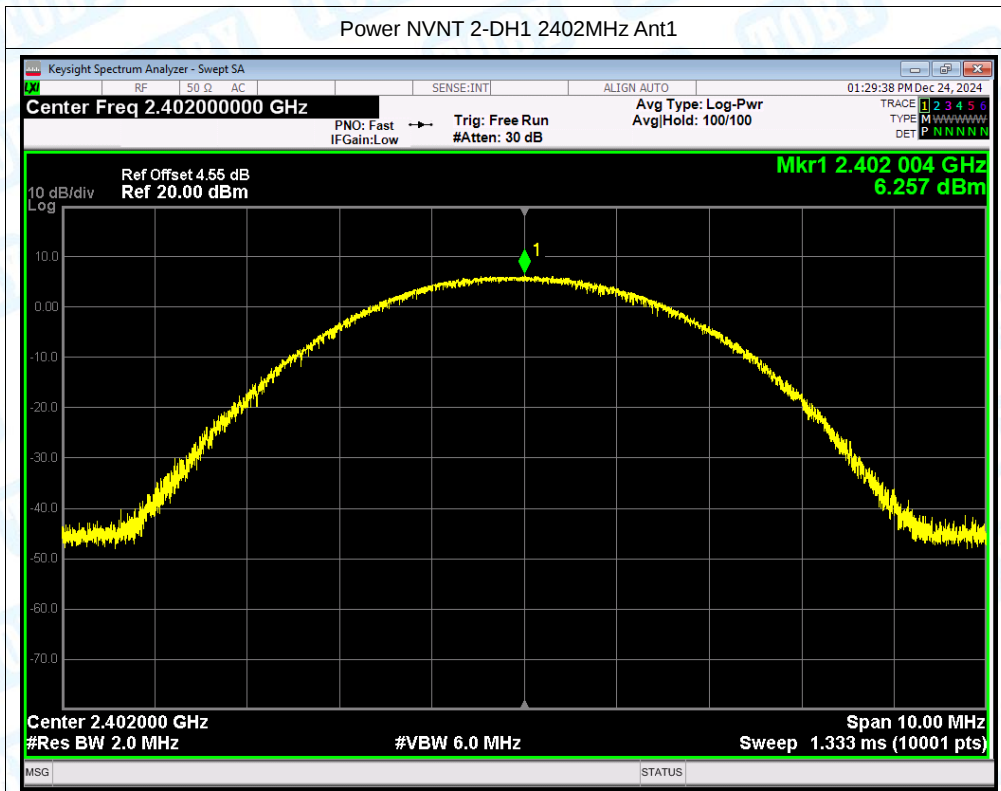
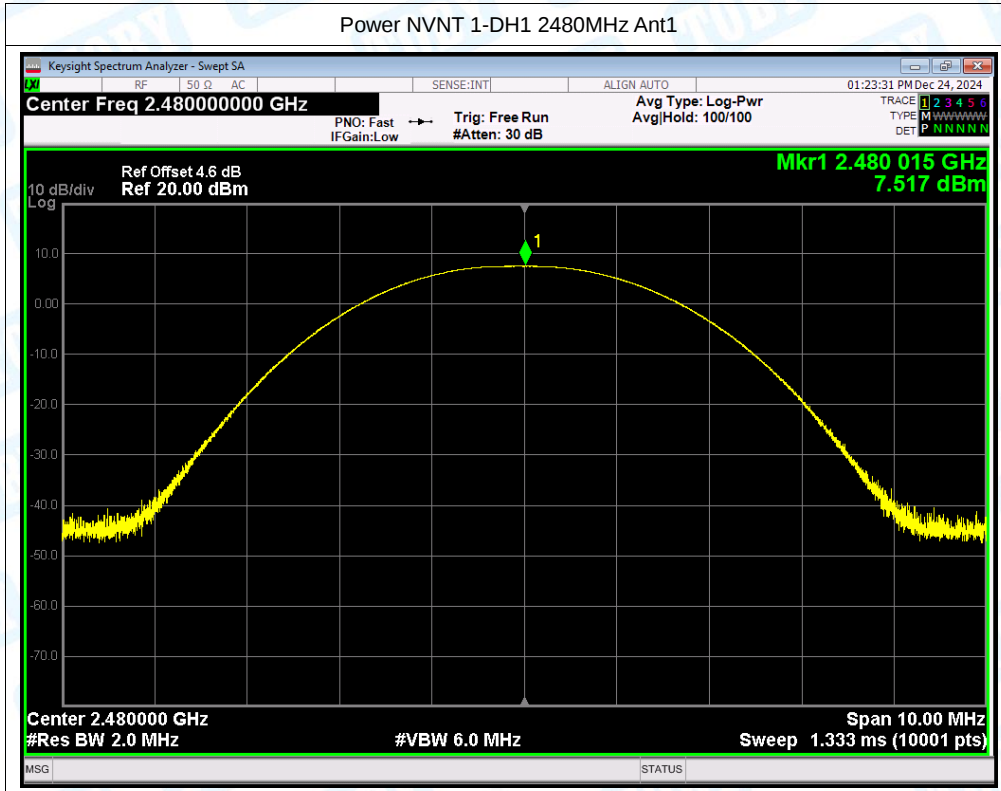
### Test Graphs

Power NVNT 1-DH1 2402MHz Ant1

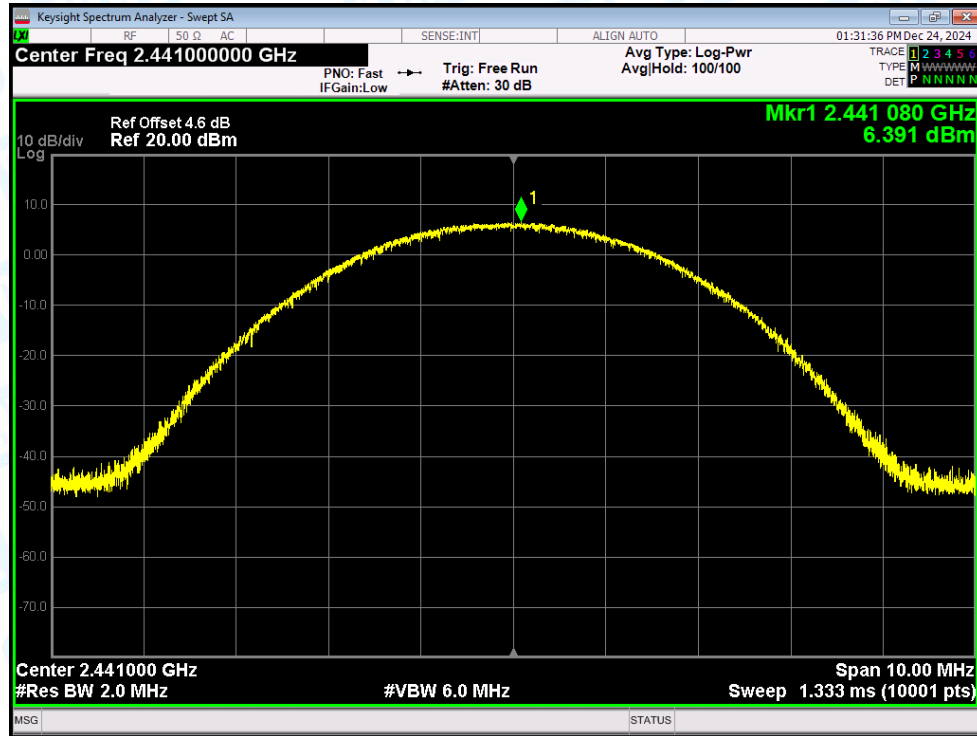


Power NVNT 1-DH1 2441MHz Ant1

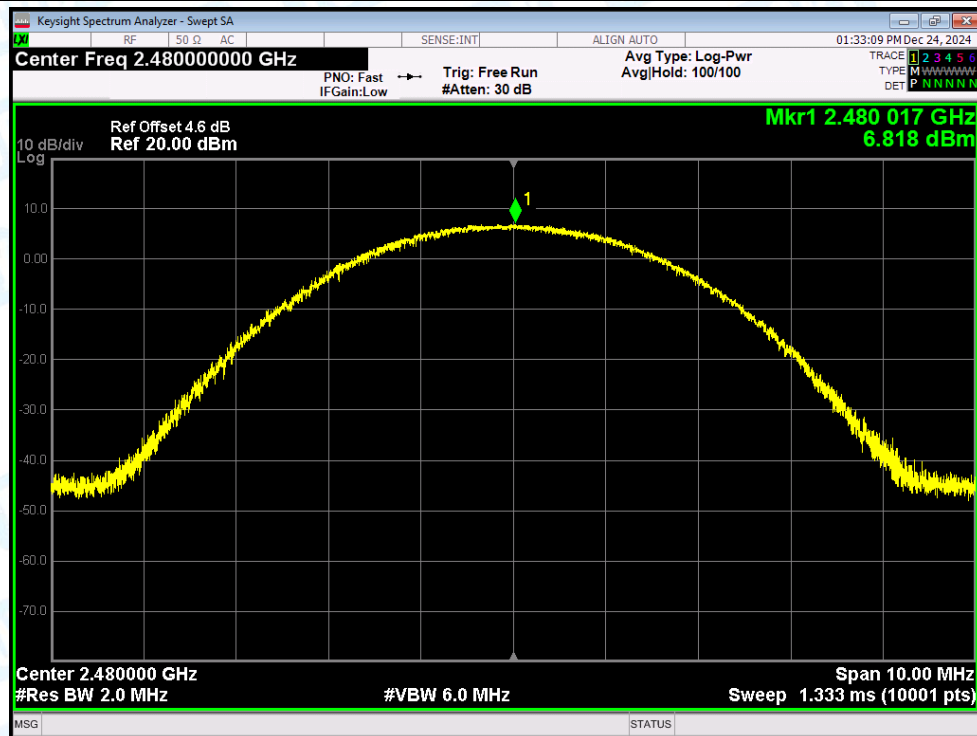




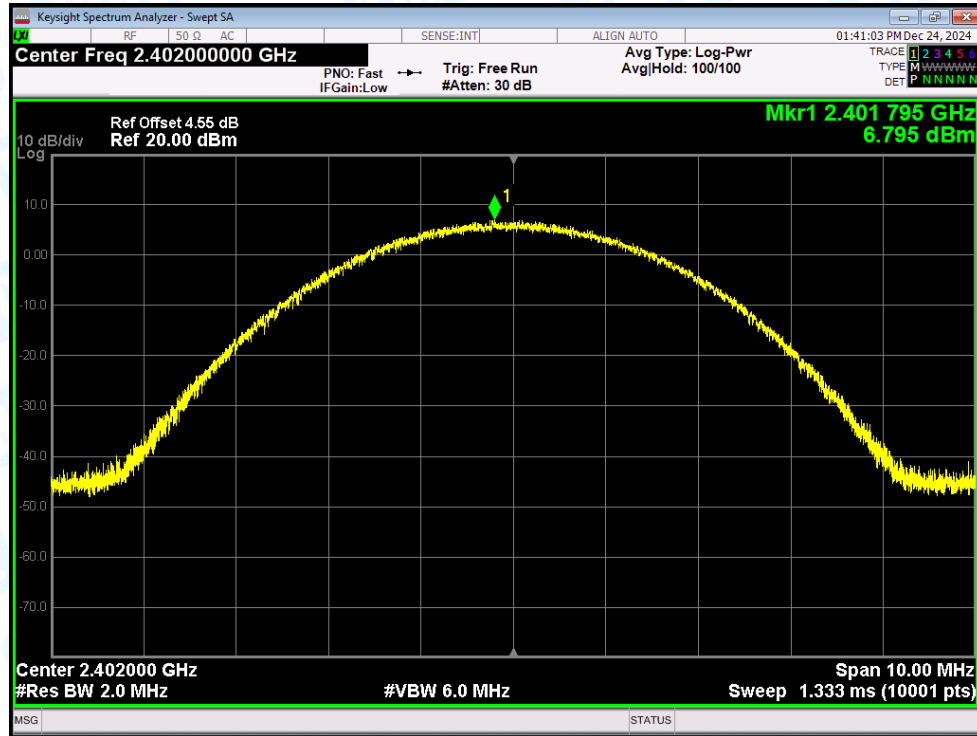
Power NVNT 2-DH1 2441MHz Ant1



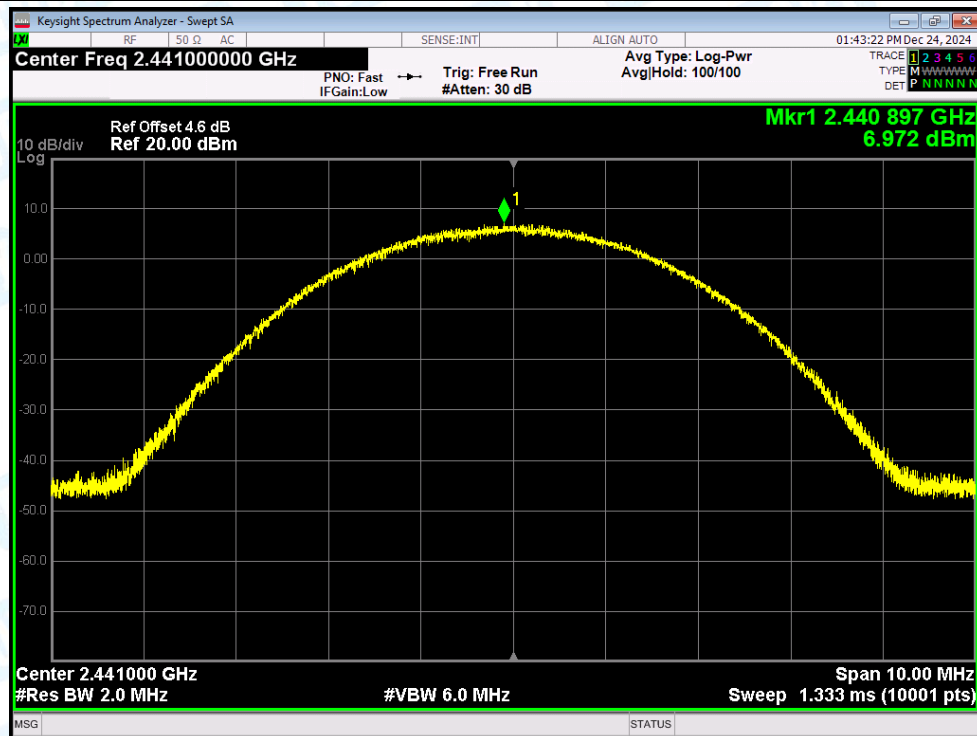
Power NVNT 2-DH1 2480MHz Ant1

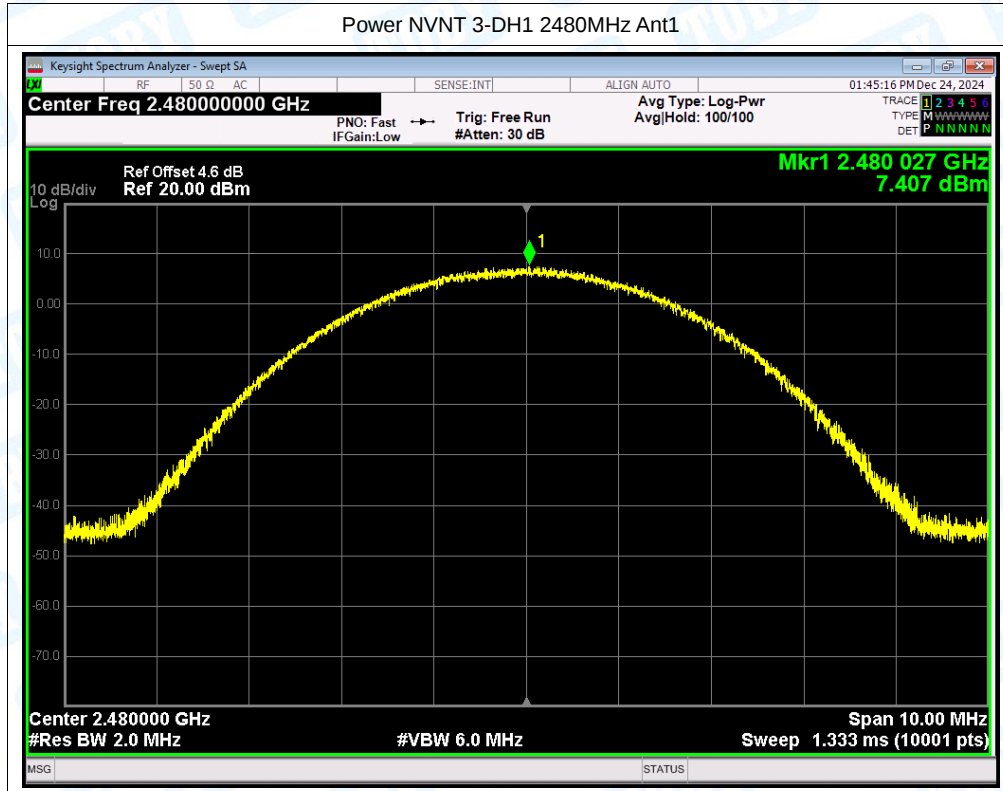


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



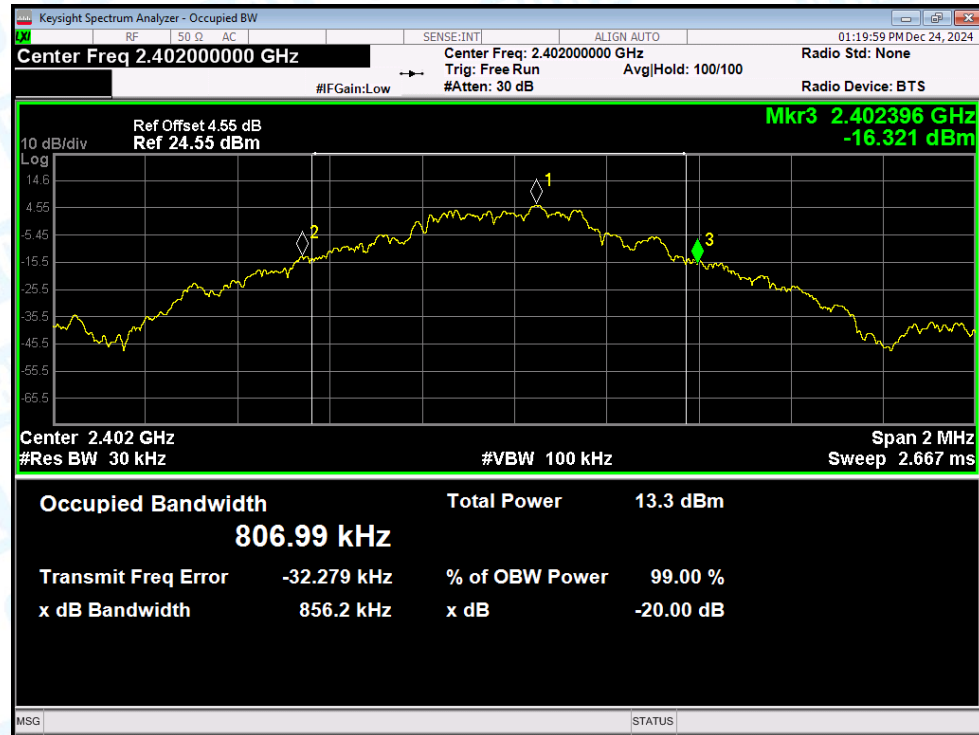


### 3. -20dB Bandwidth

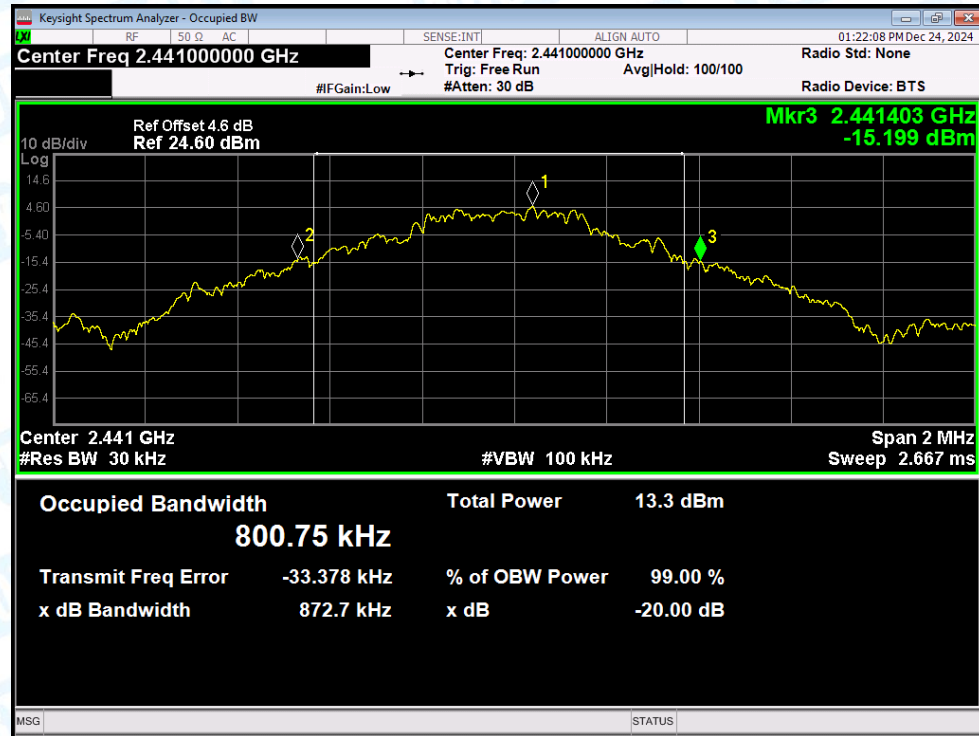
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.86                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.87                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.83                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.31                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.26                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.26                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.24                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.24                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.25                   | 0                            | Pass    |

## Test Graphs

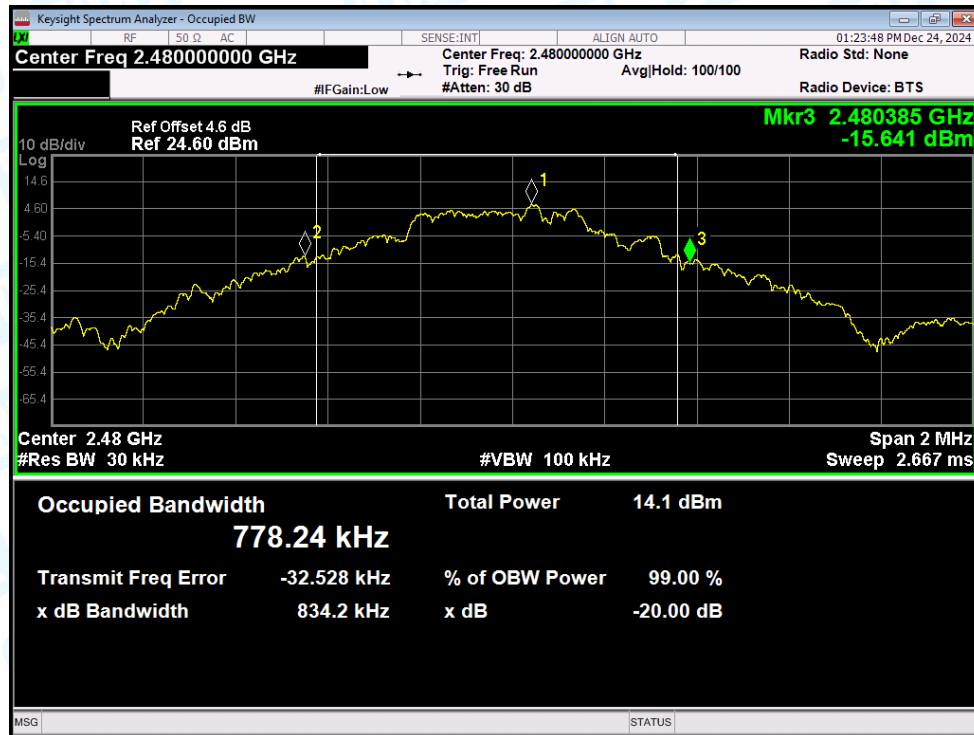
### -20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



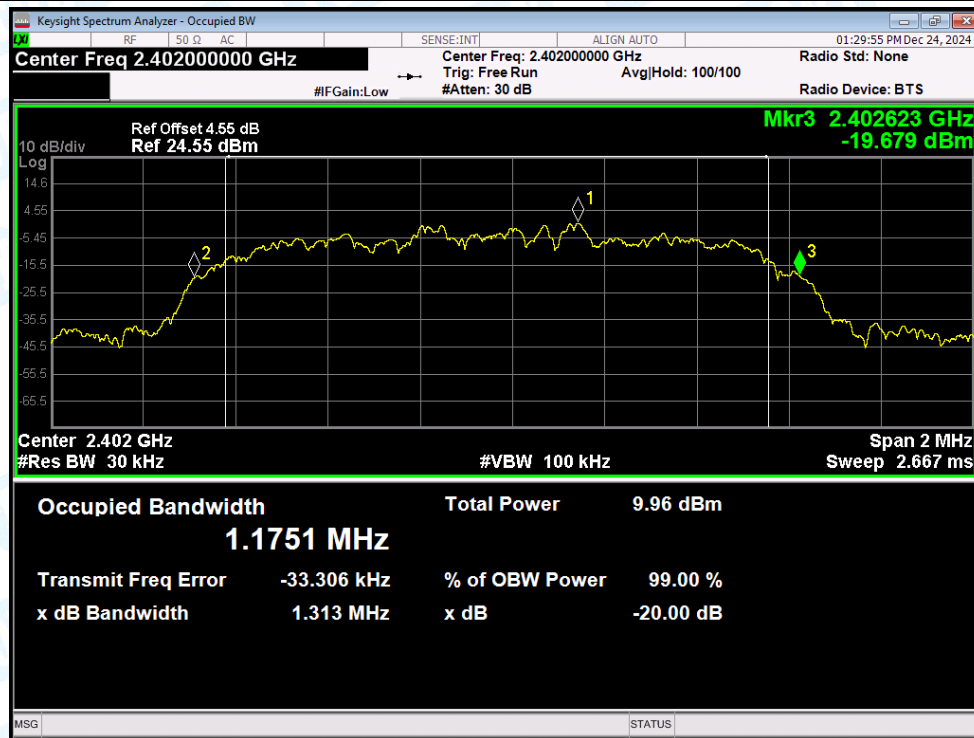
### -20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



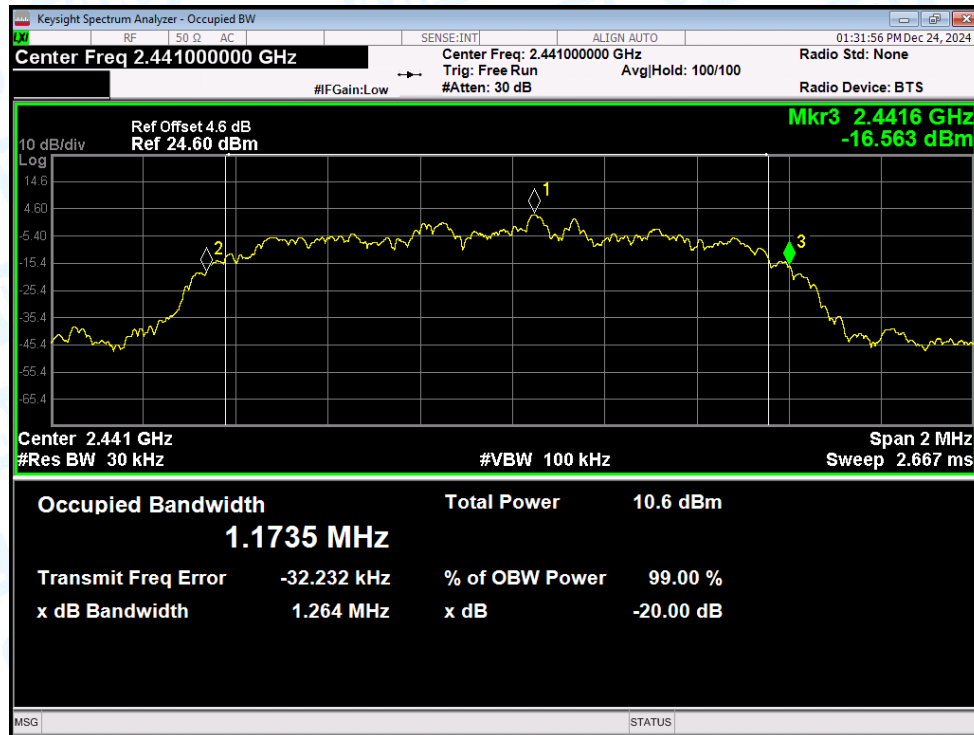
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



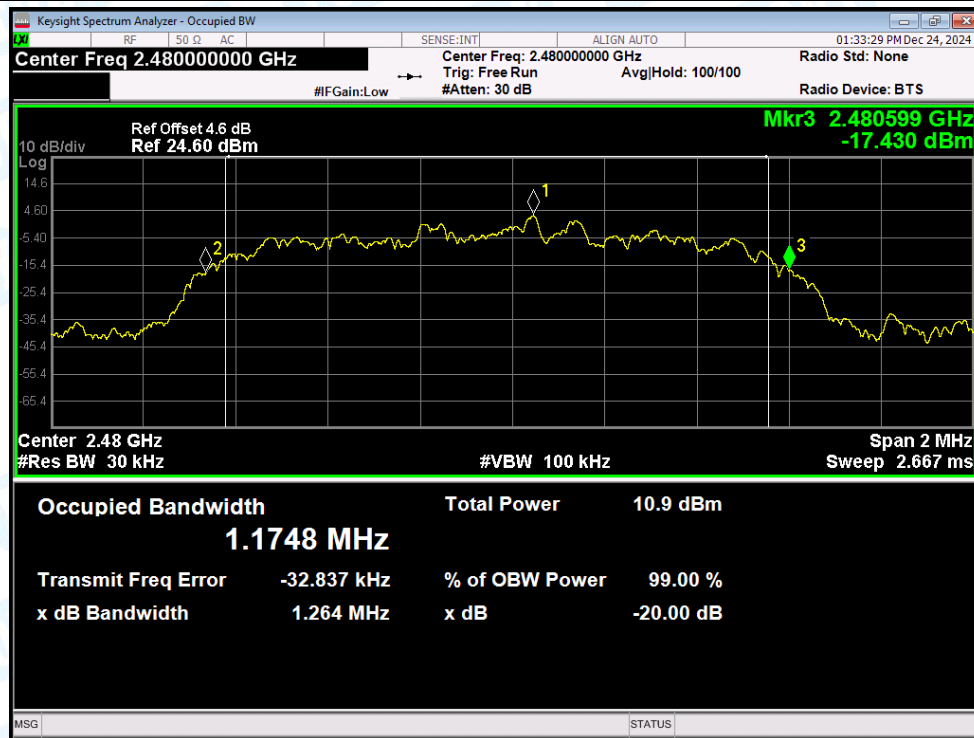
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



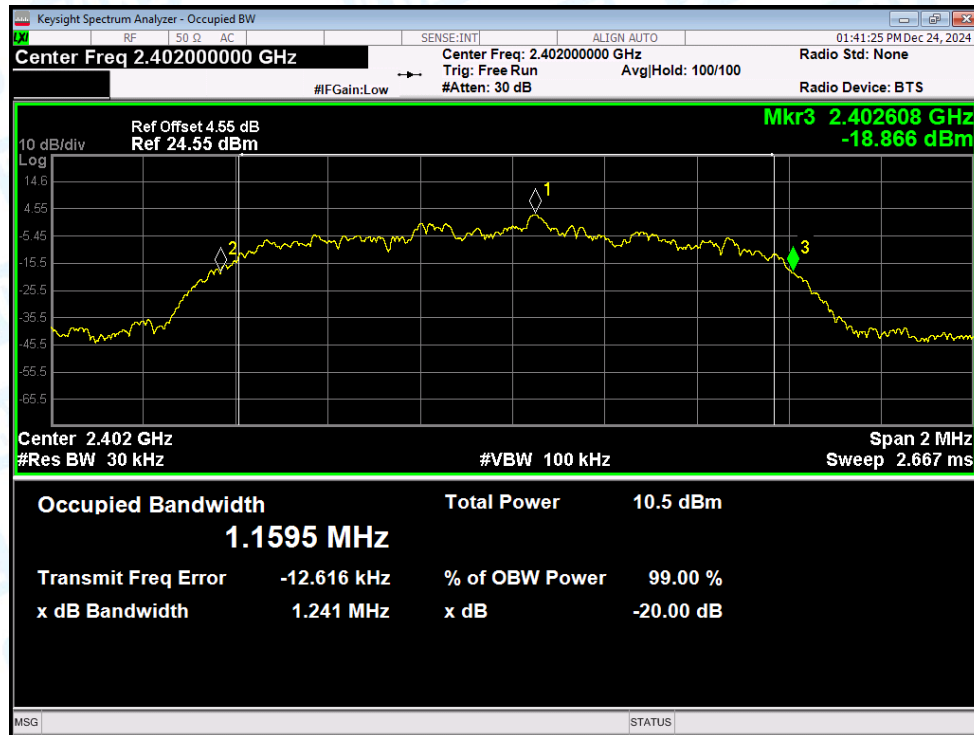
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



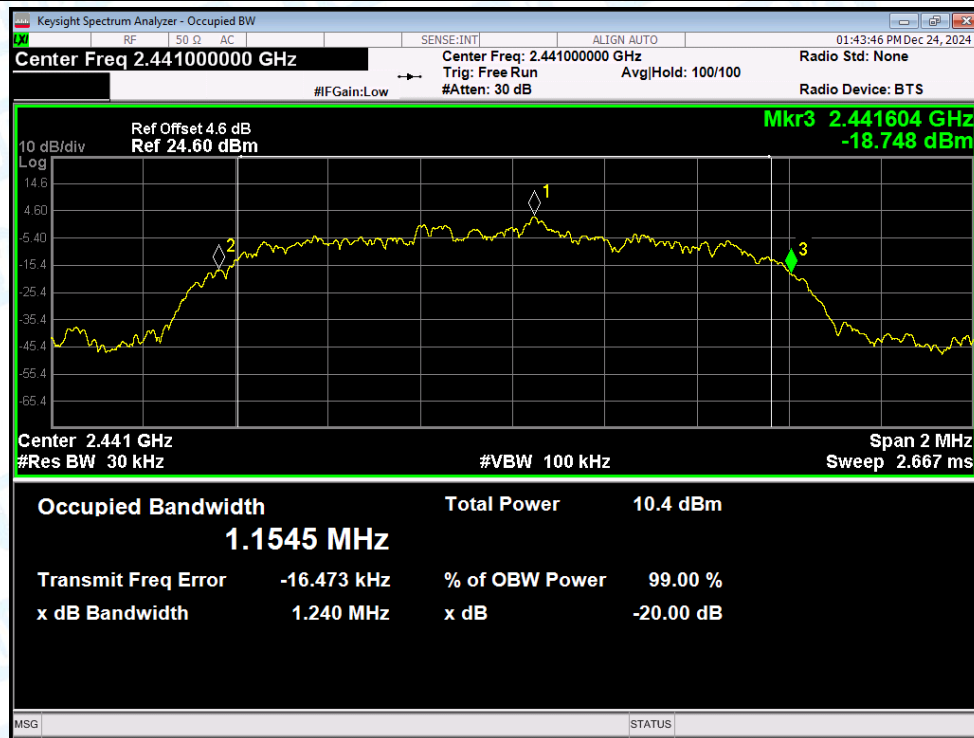
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

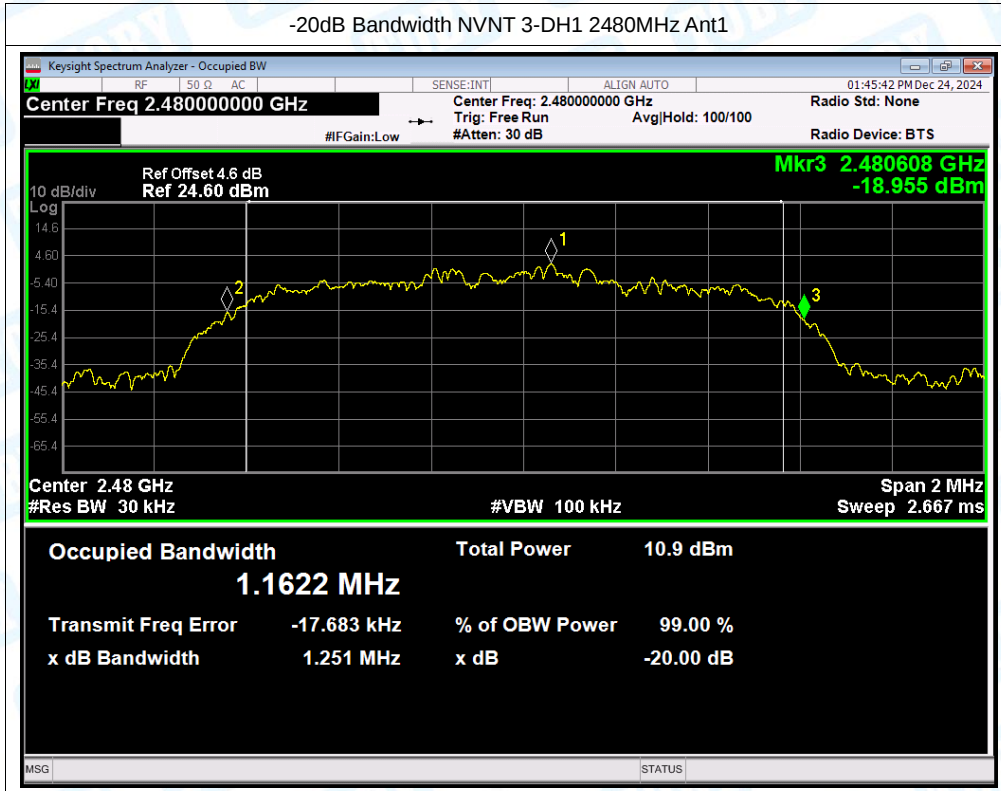


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



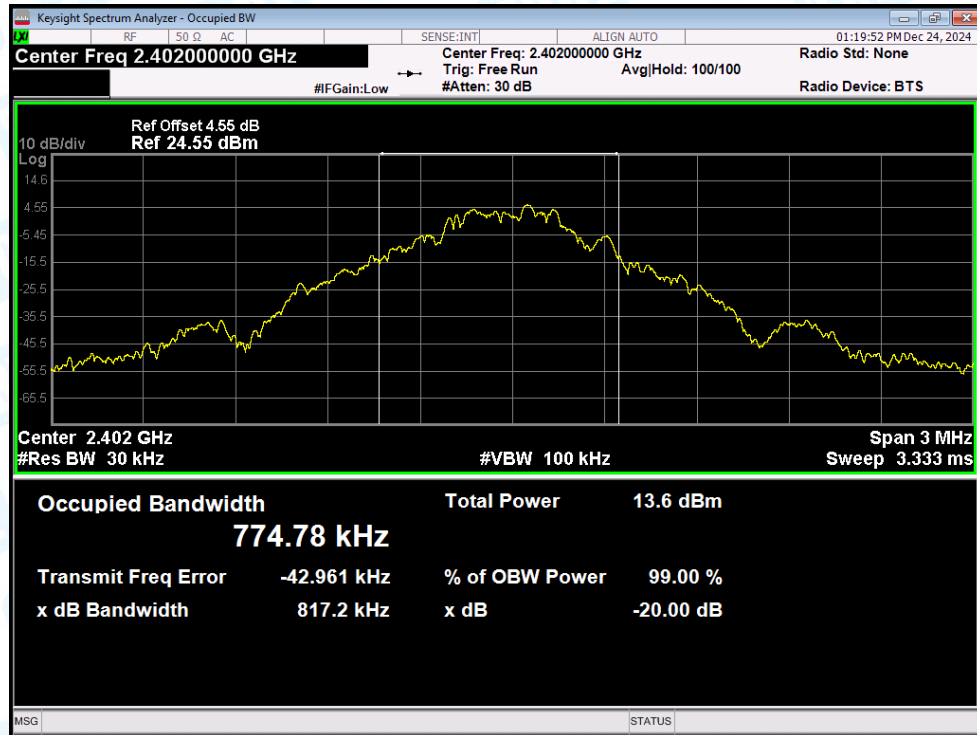


## 4. Occupied Channel Bandwidth

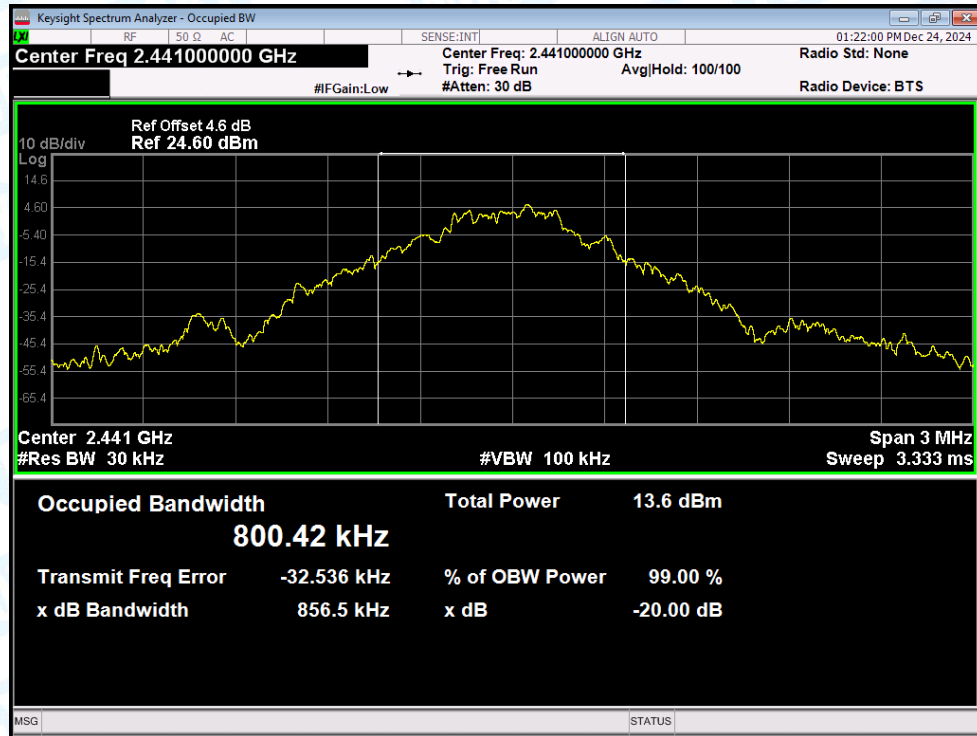
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.775         |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.8           |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.795         |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.18          |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.19          |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.181         |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.164         |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.162         |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.17          |

### Test Graphs

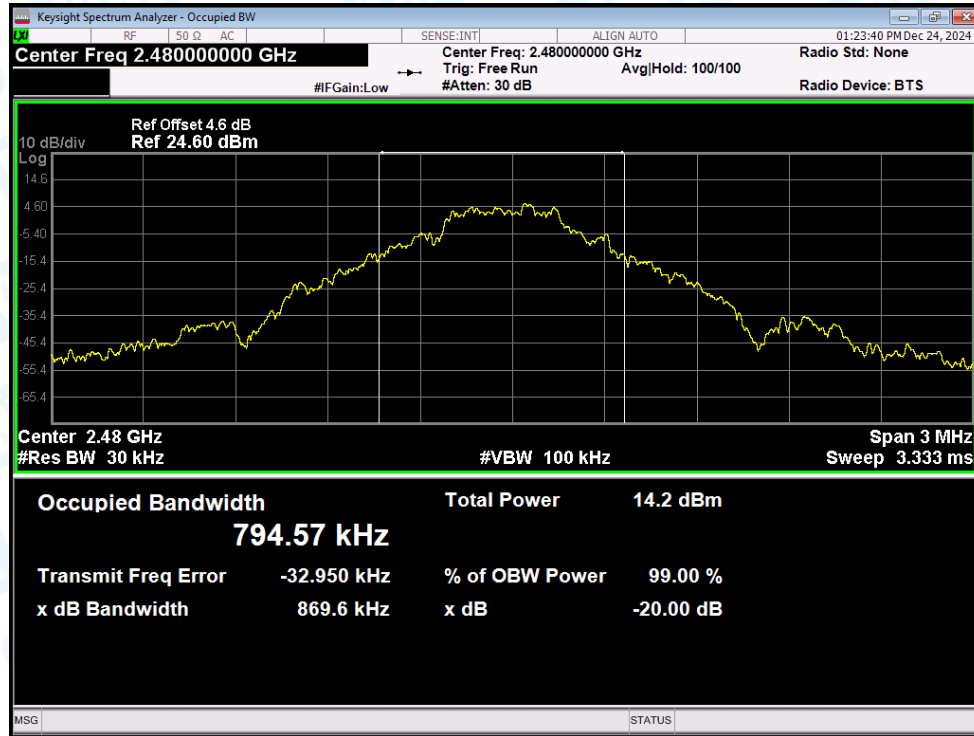
#### OBW NVNT 1-DH1 2402MHz Ant1



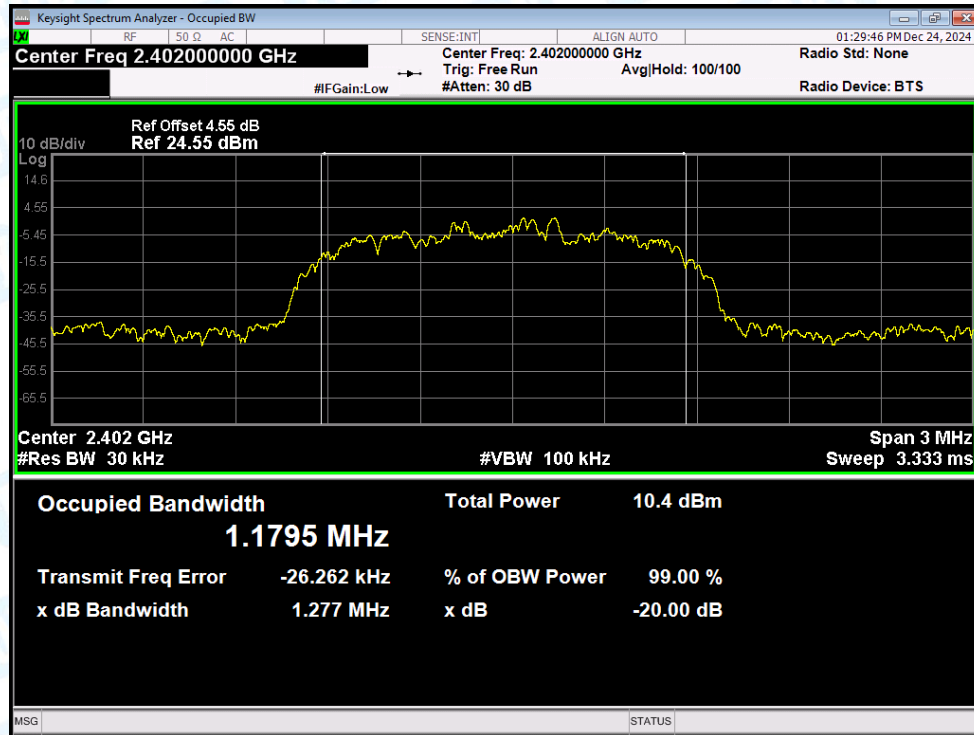
#### OBW NVNT 1-DH1 2441MHz Ant1



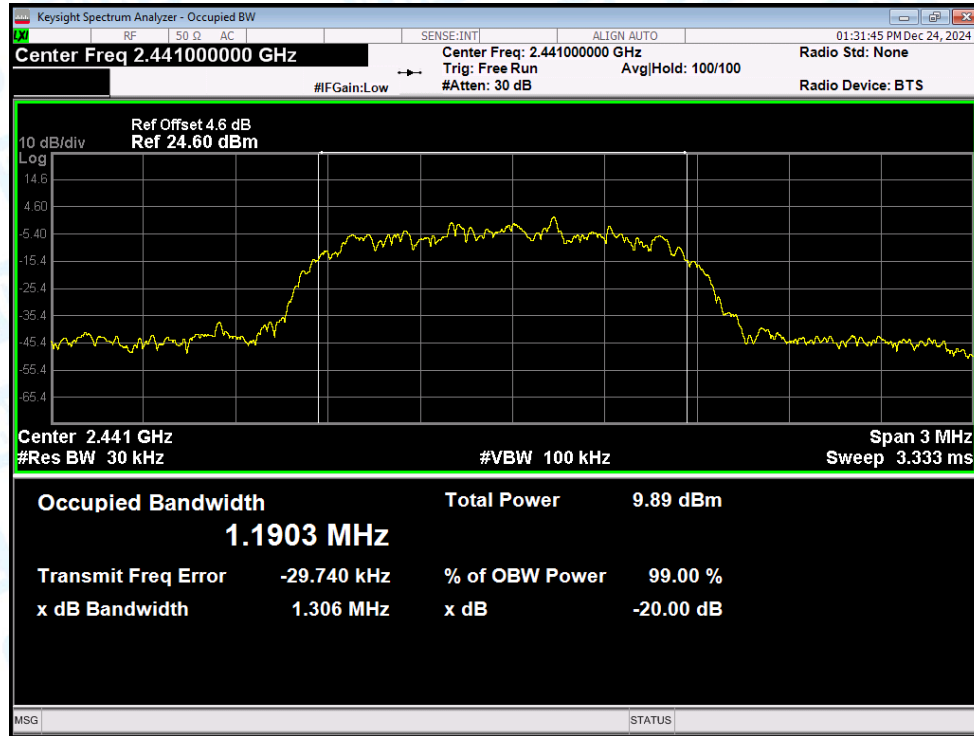
OBW NVNT 1-DH1 2480MHz Ant1



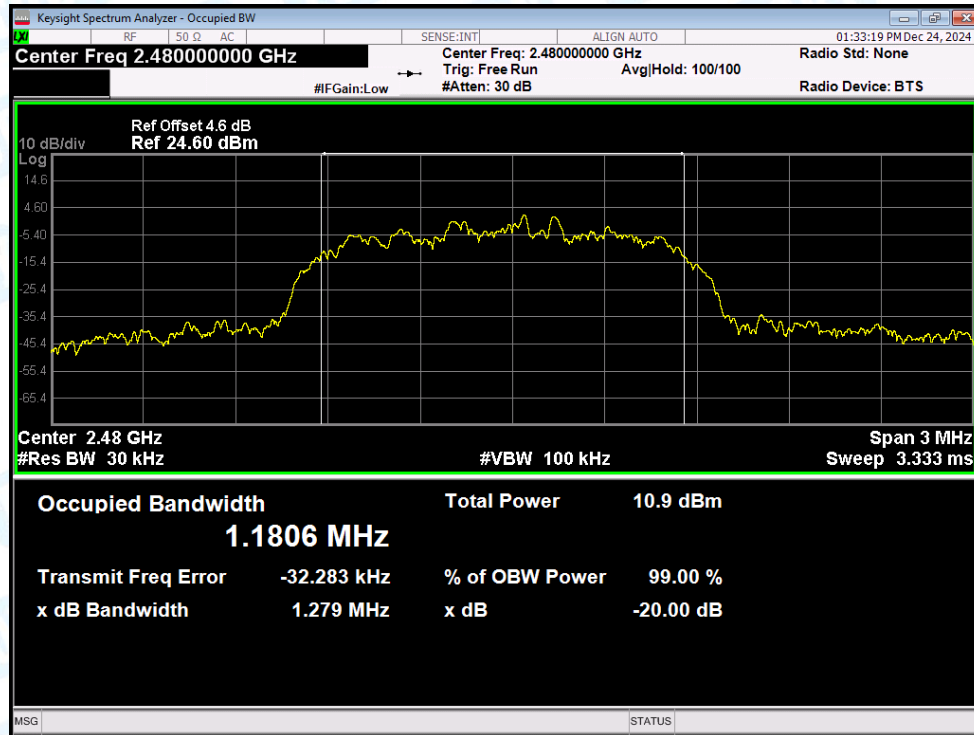
OBW NVNT 2-DH1 2402MHz Ant1



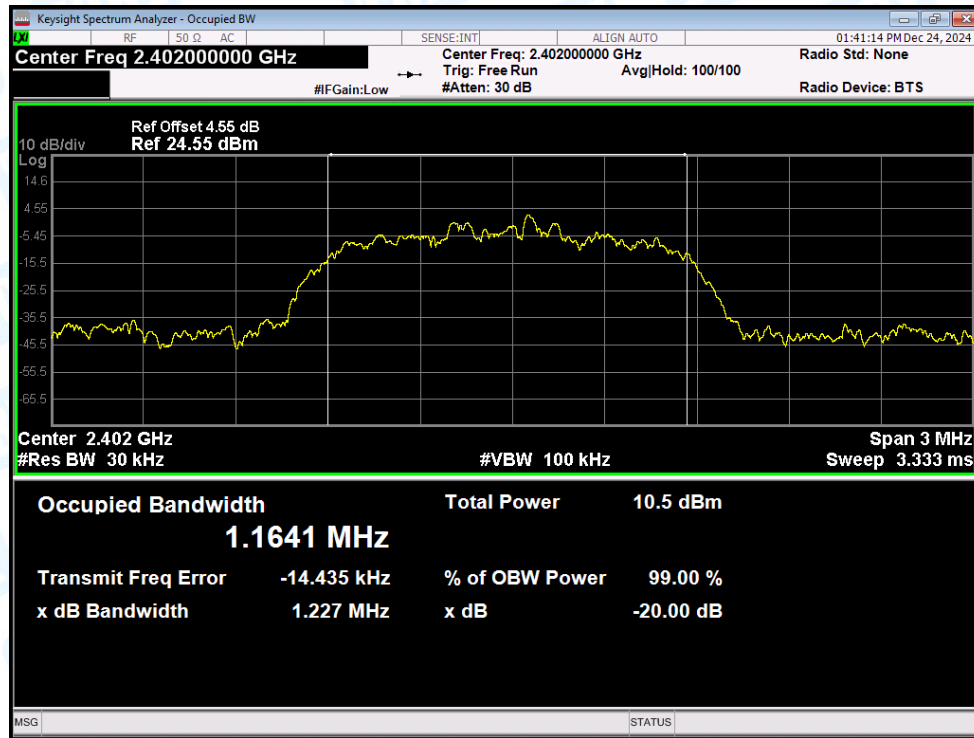
OBW NVNT 2-DH1 2441MHz Ant1



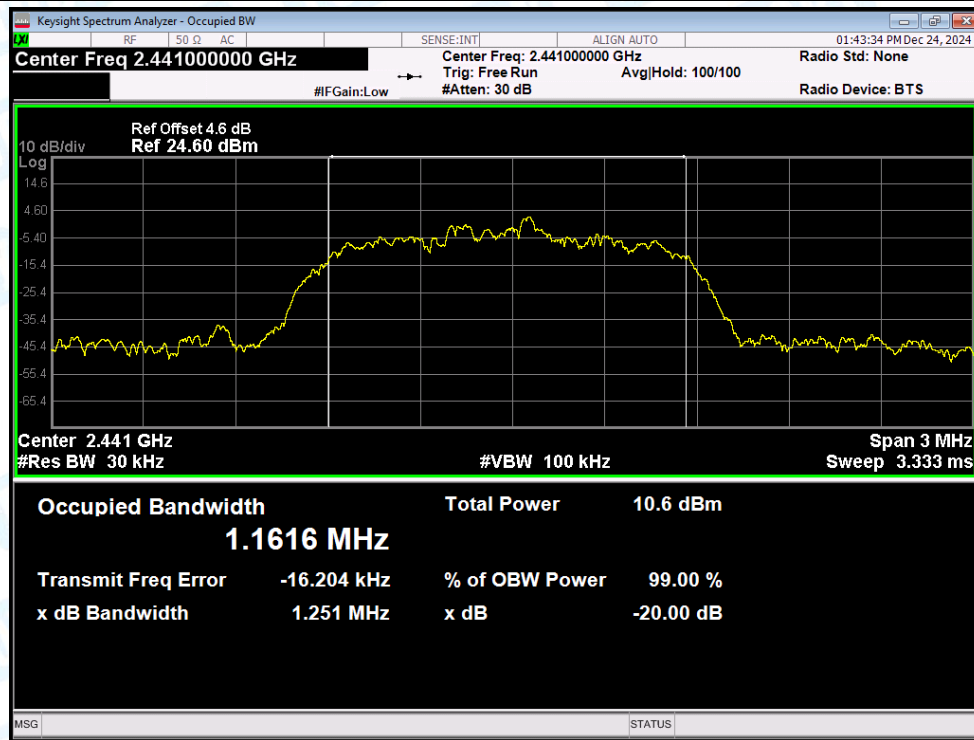
OBW NVNT 2-DH1 2480MHz Ant1

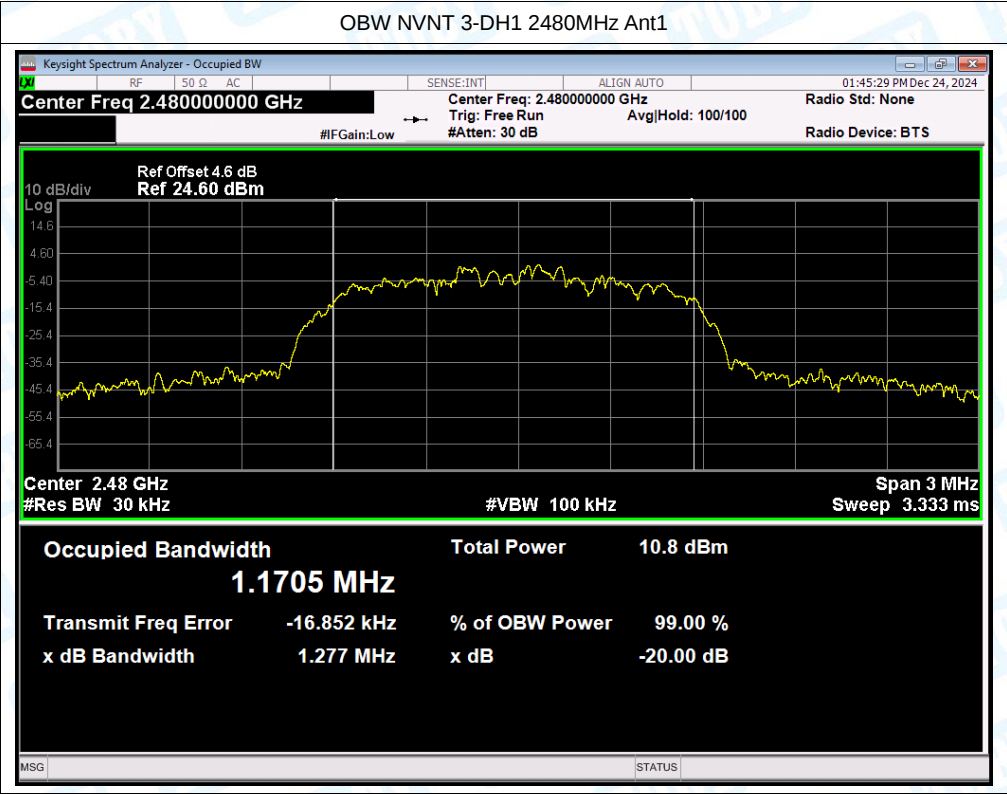


OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



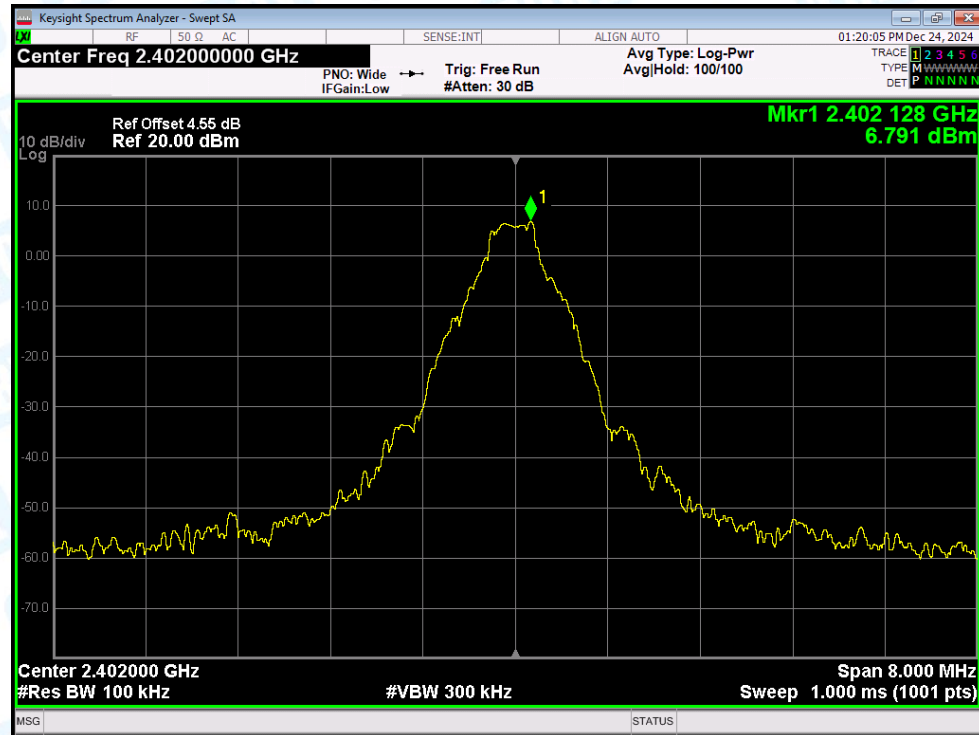


5. Band Edge

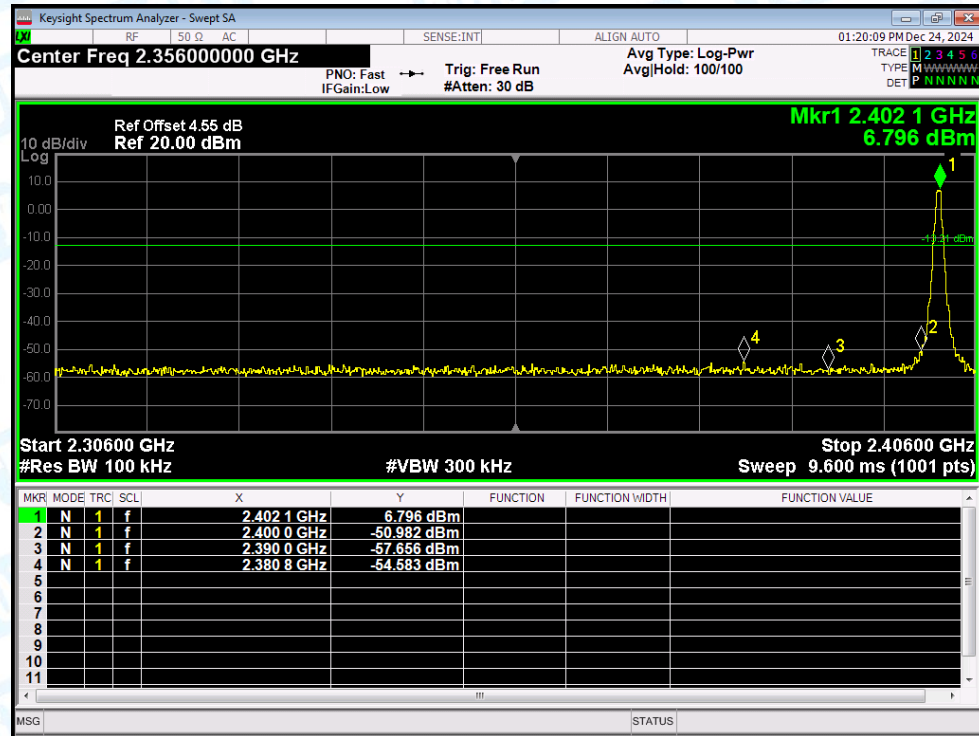
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -61.37          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -61.6           | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -57.78          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -59             | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -57.94          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -57.44          | -20         | Pass    |

# Test Graphs

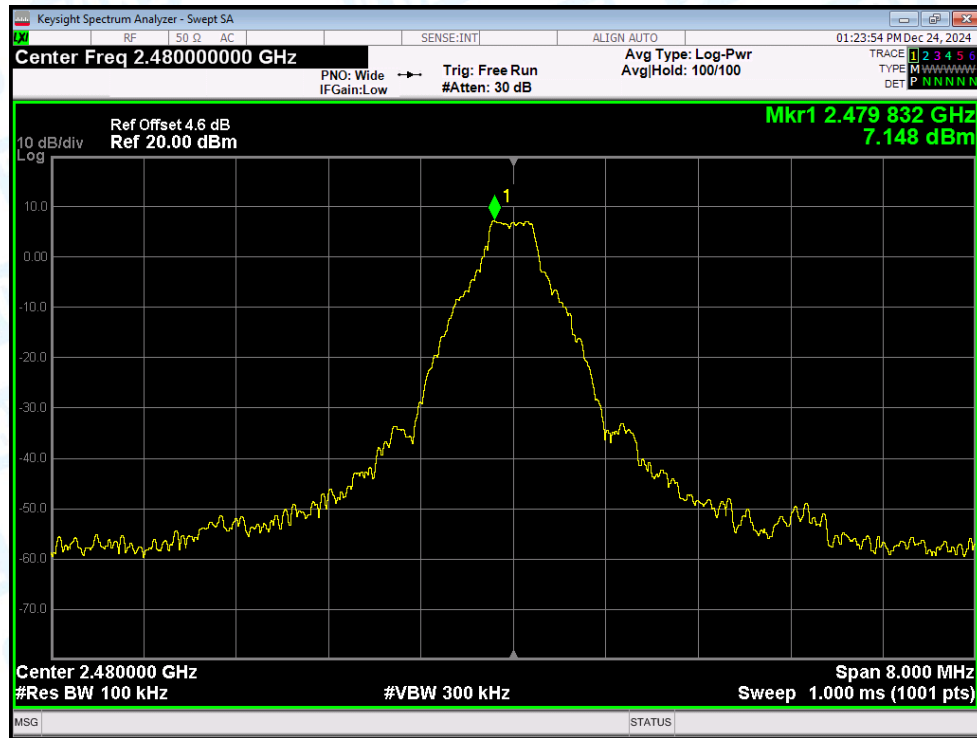
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



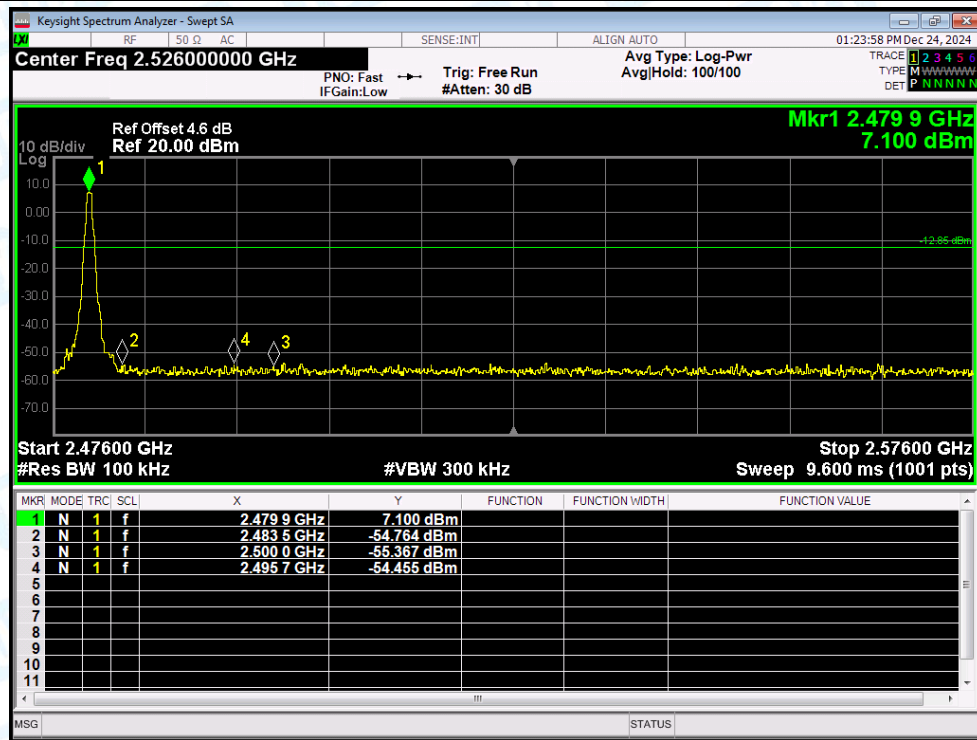
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



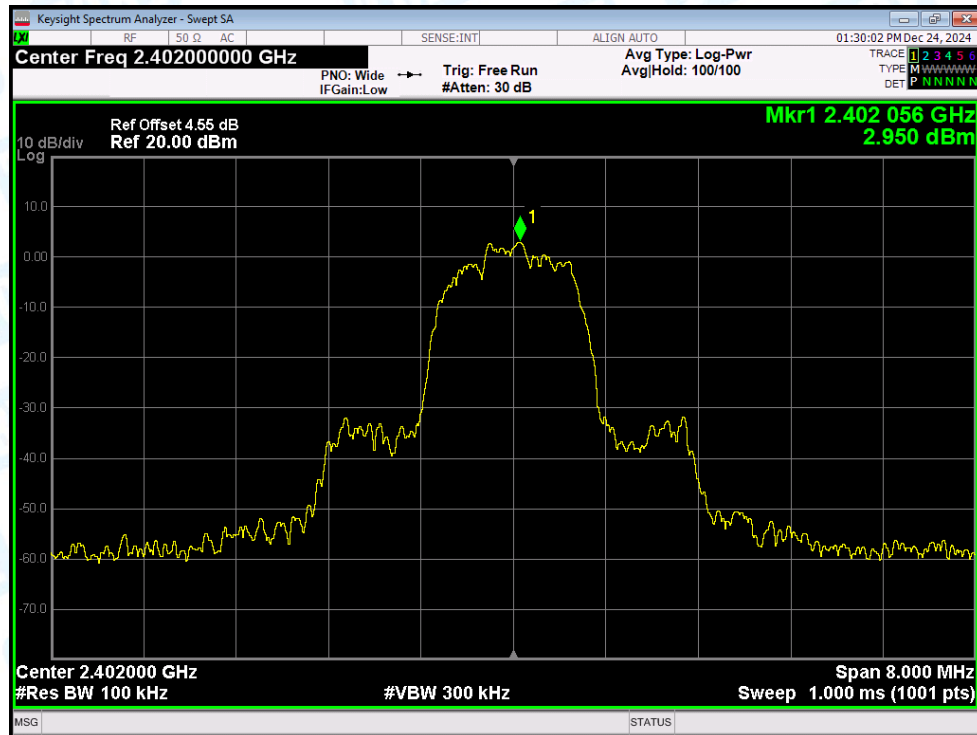
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



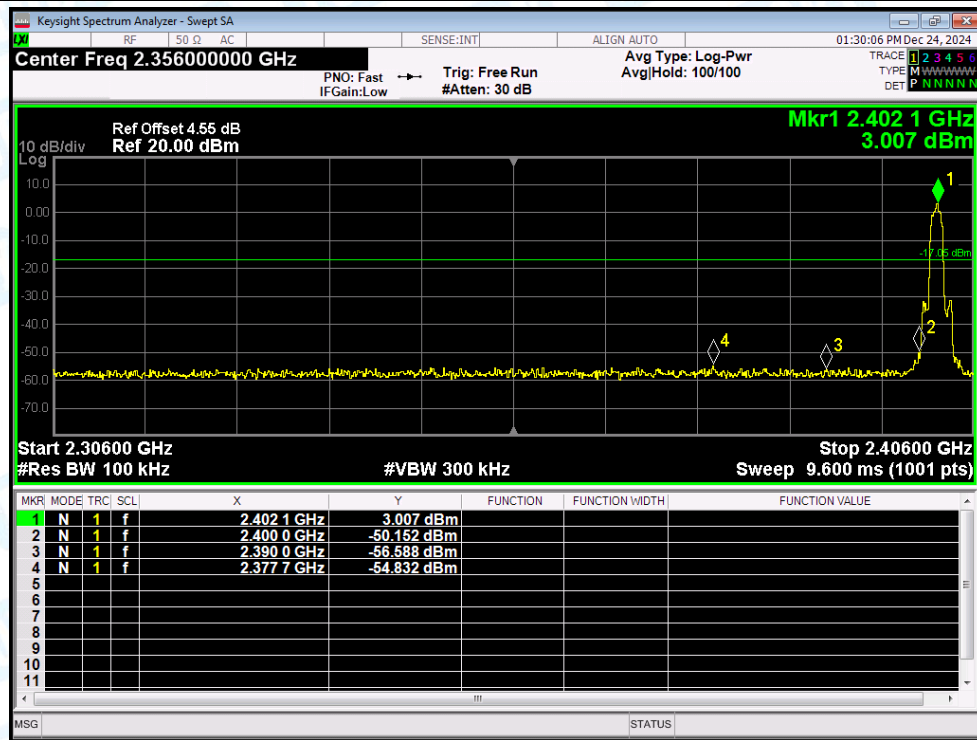
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



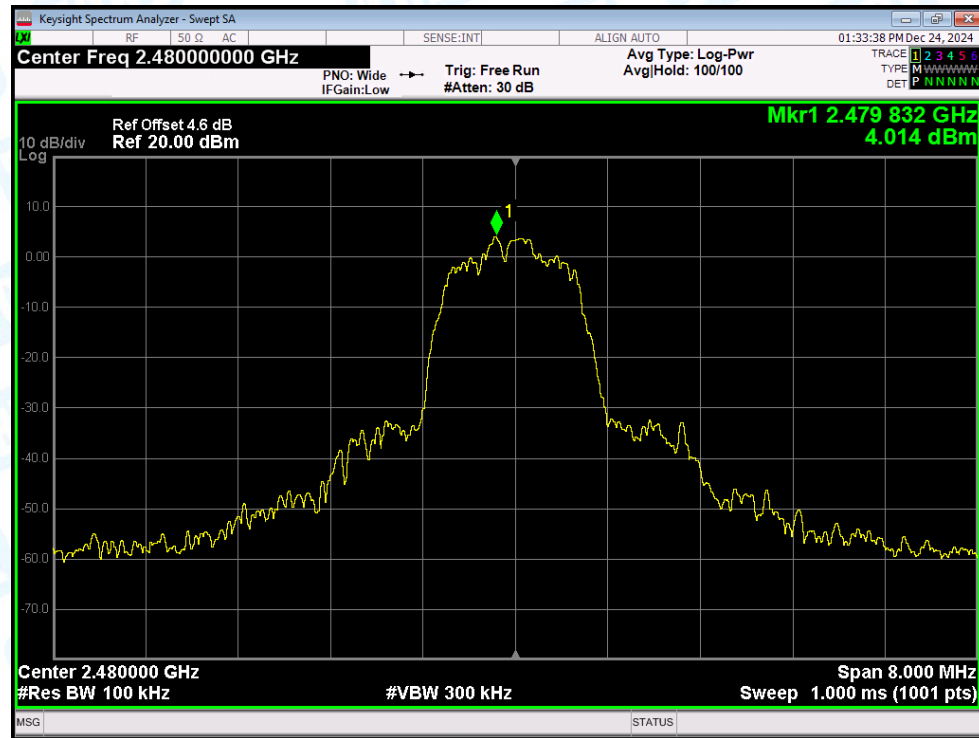
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



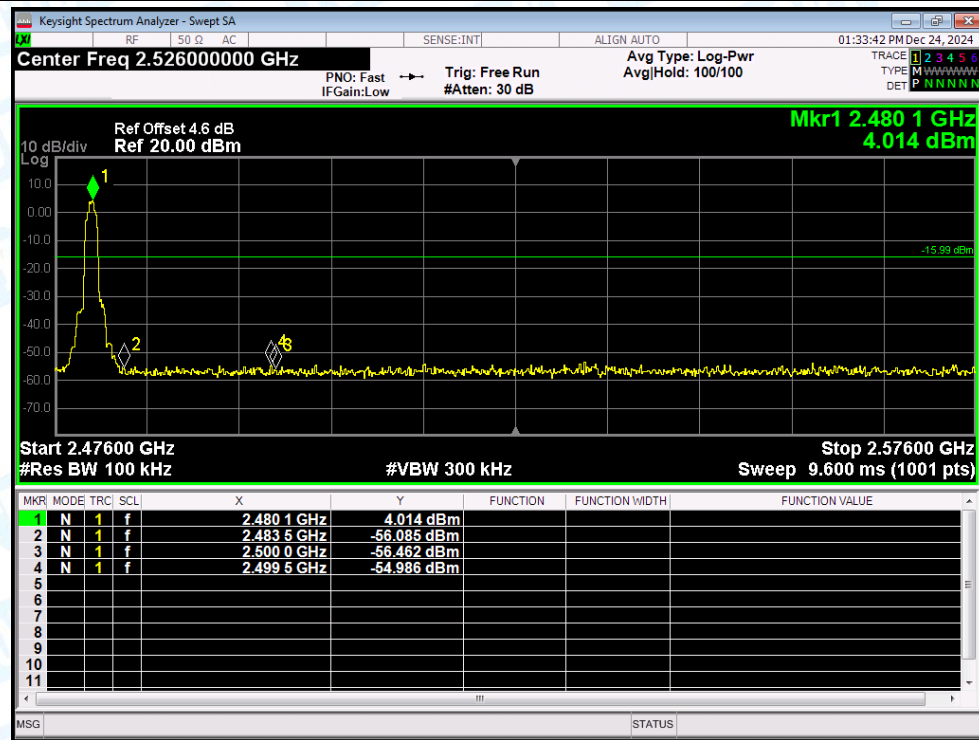
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



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



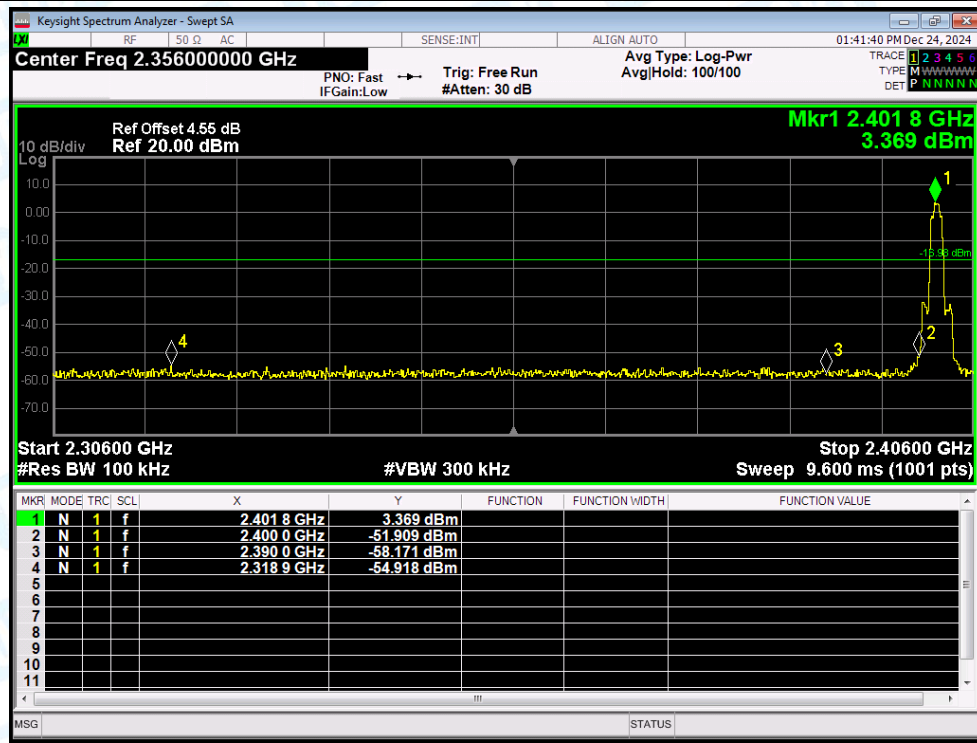
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



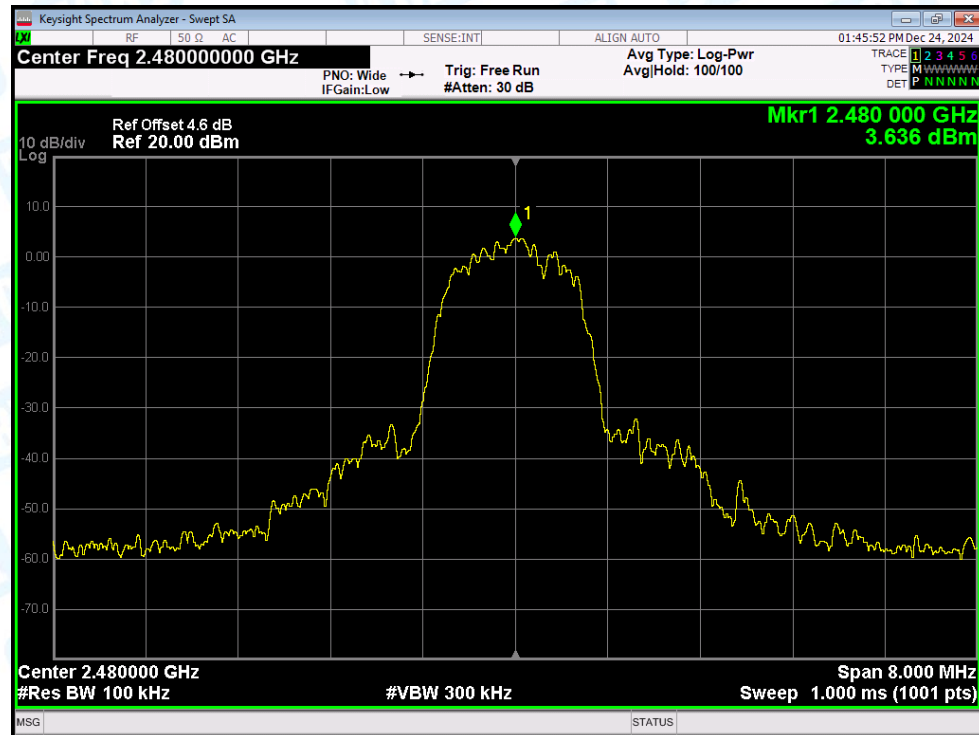
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



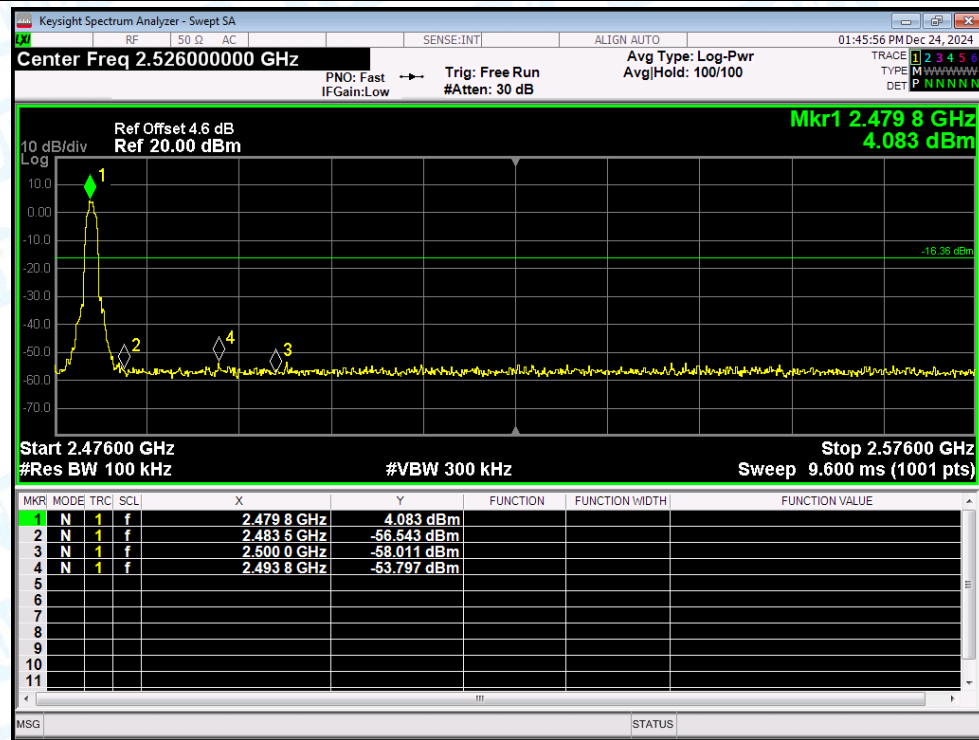
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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



## 6. Band Edge(Hopping)

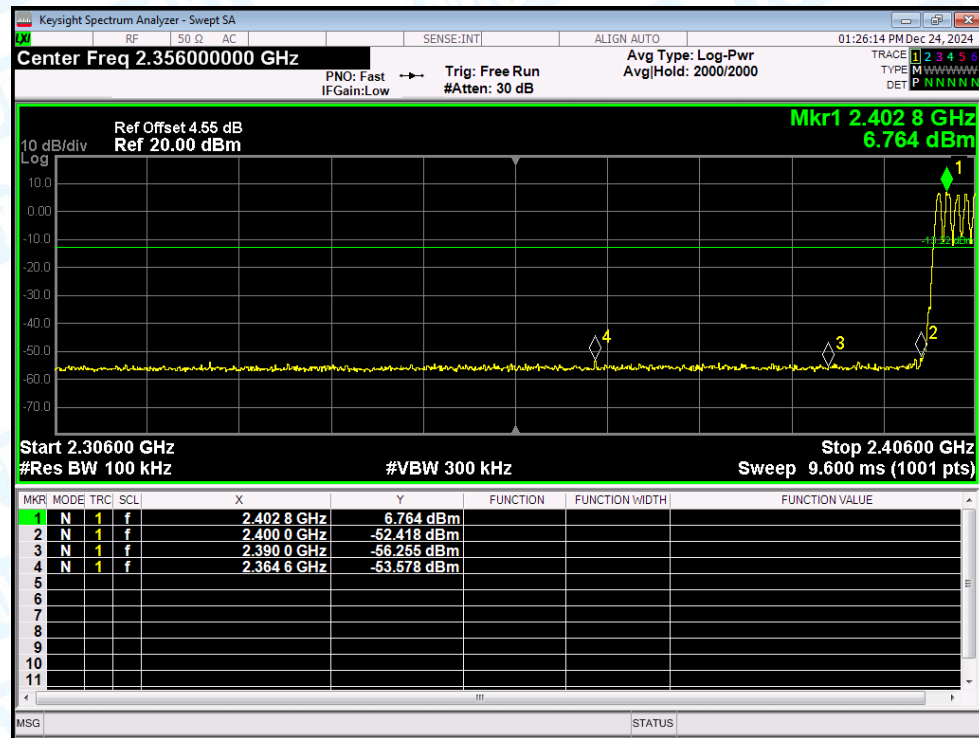
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | Hopping      | -60.36          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | Hopping      | -61.22          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | Hopping      | -57.66          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | Hopping      | -57.23          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | Hopping      | -56.82          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | Hopping      | -57.2           | -20         | Pass    |

### Test Graphs

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



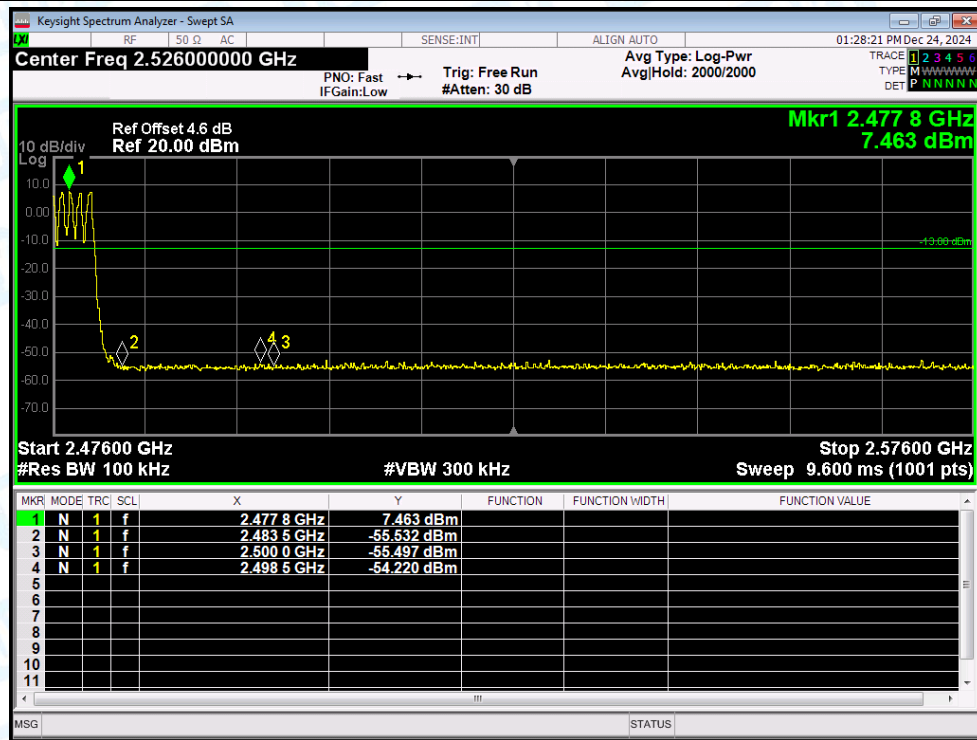
#### Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission

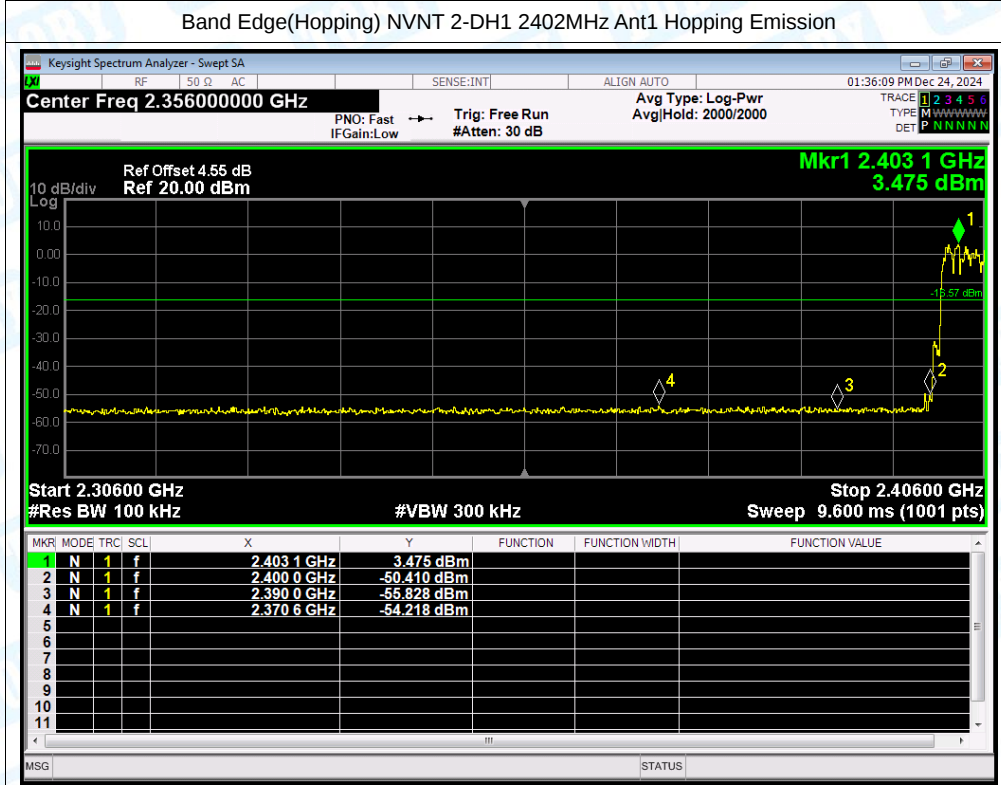
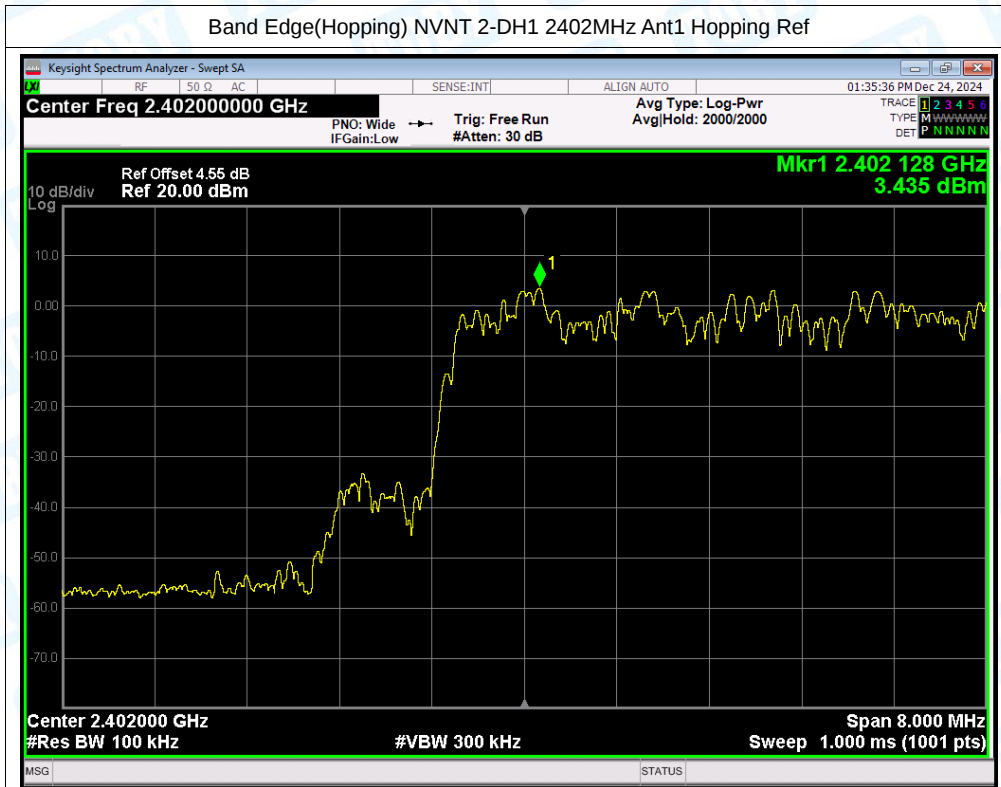


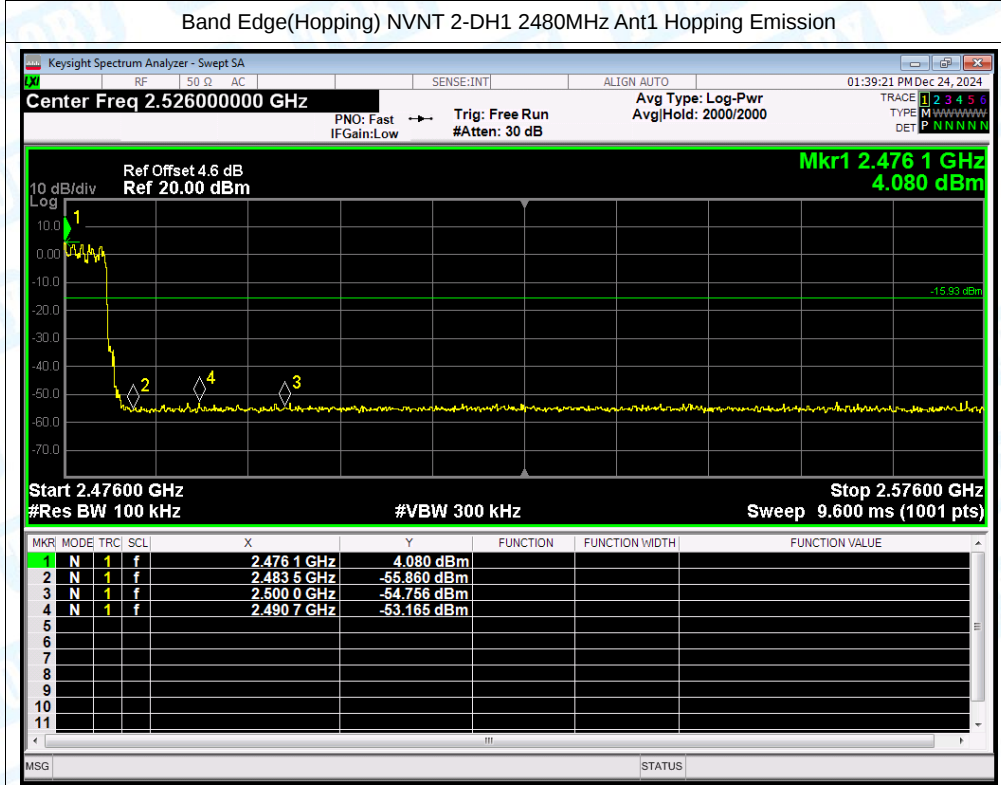
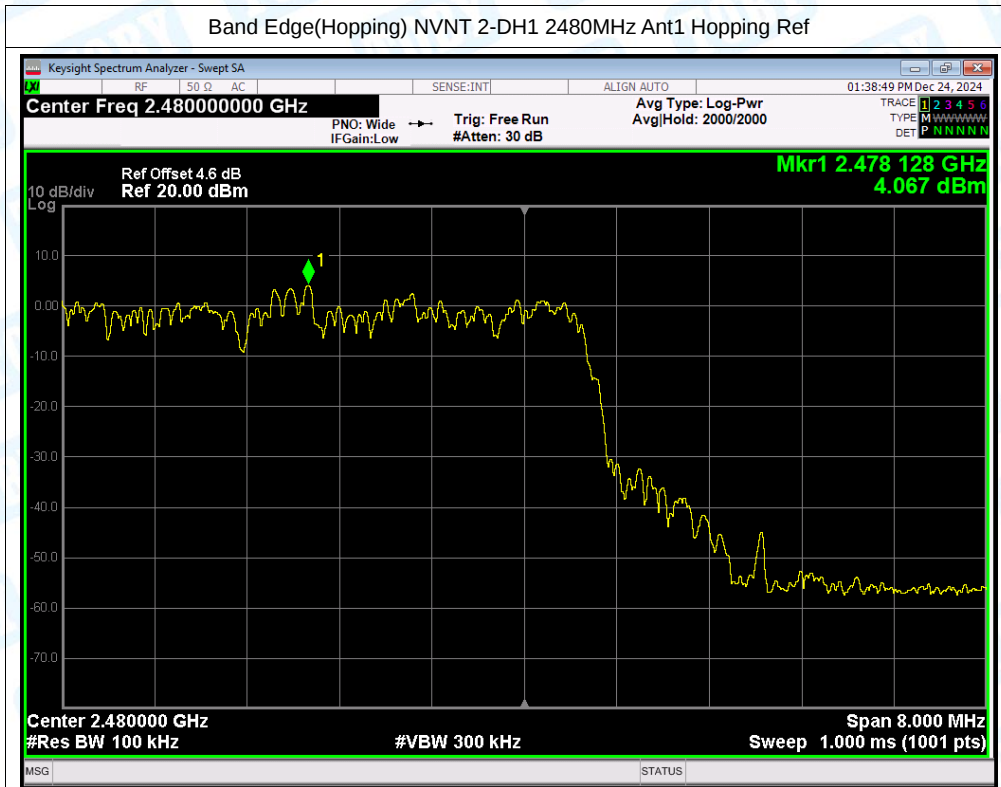
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref

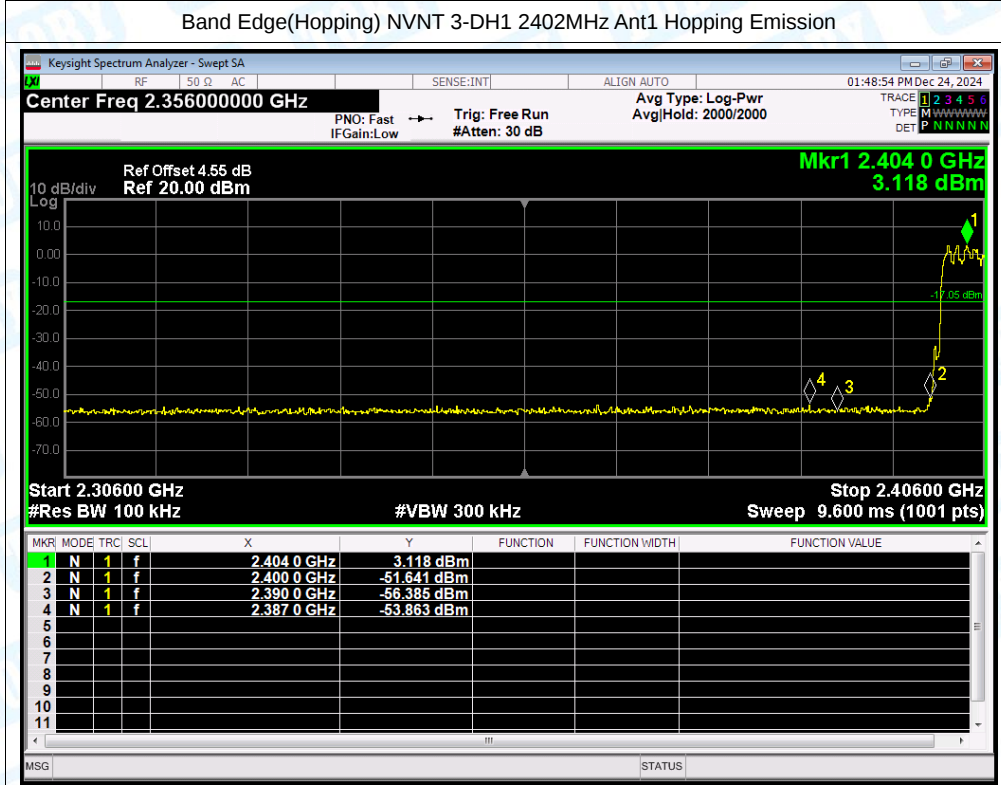


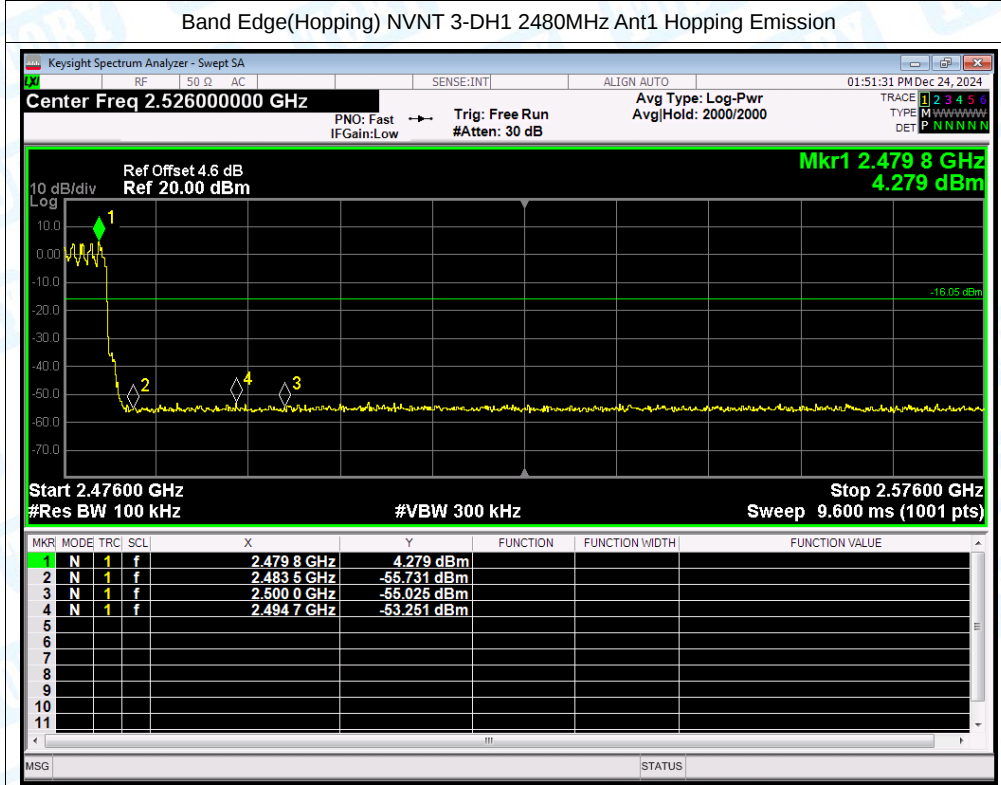
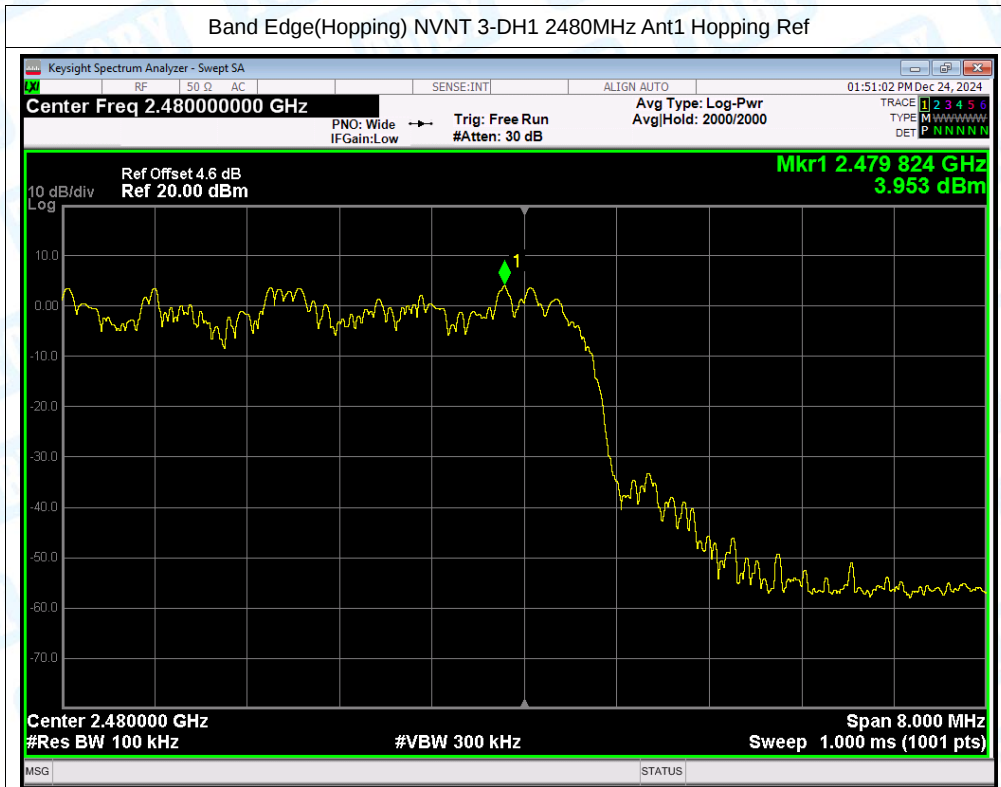
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission









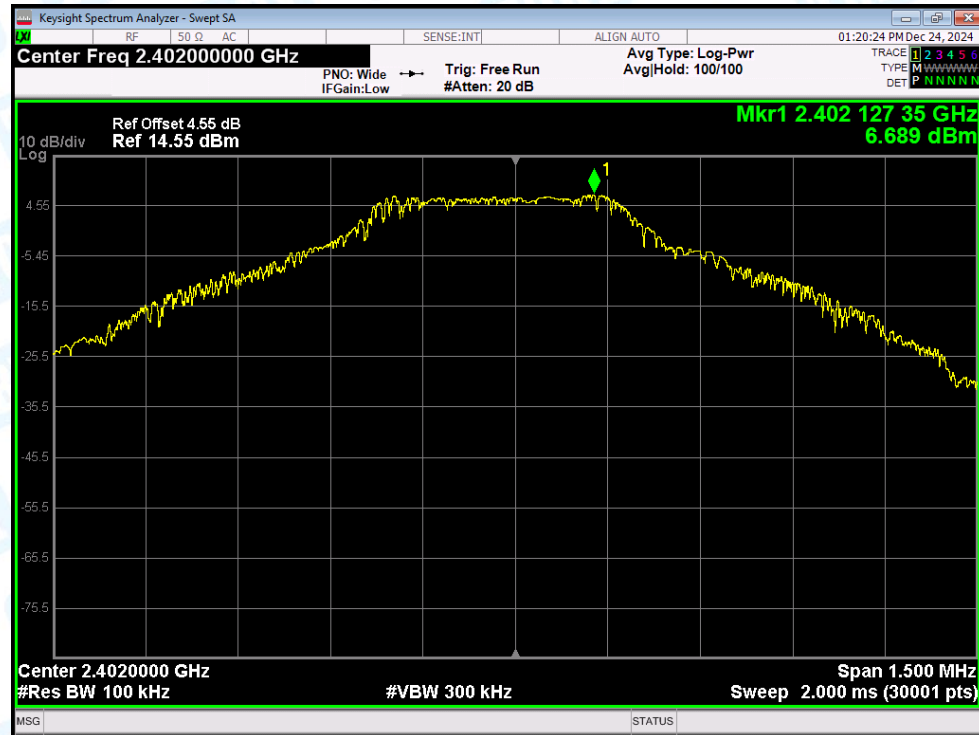


## 7. Conducted RF Spurious Emission

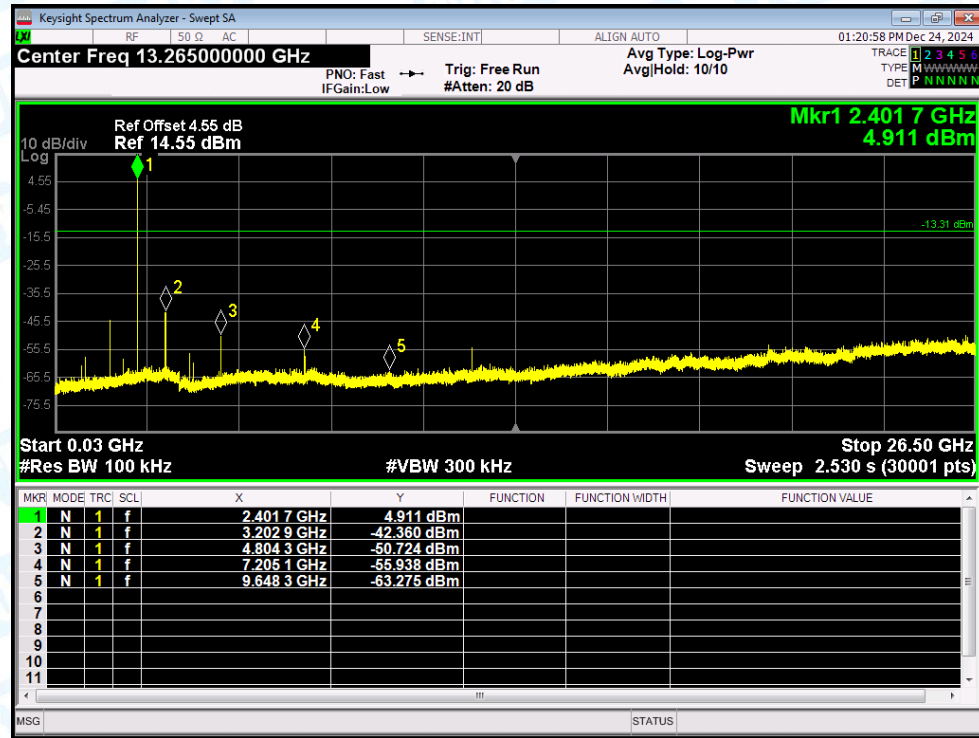
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -49.05          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -50.97          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -47.93          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -52.02          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -51.35          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -49.17          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -48.09          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -49.59          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -48.61          | -20         | Pass    |

### Test Graphs

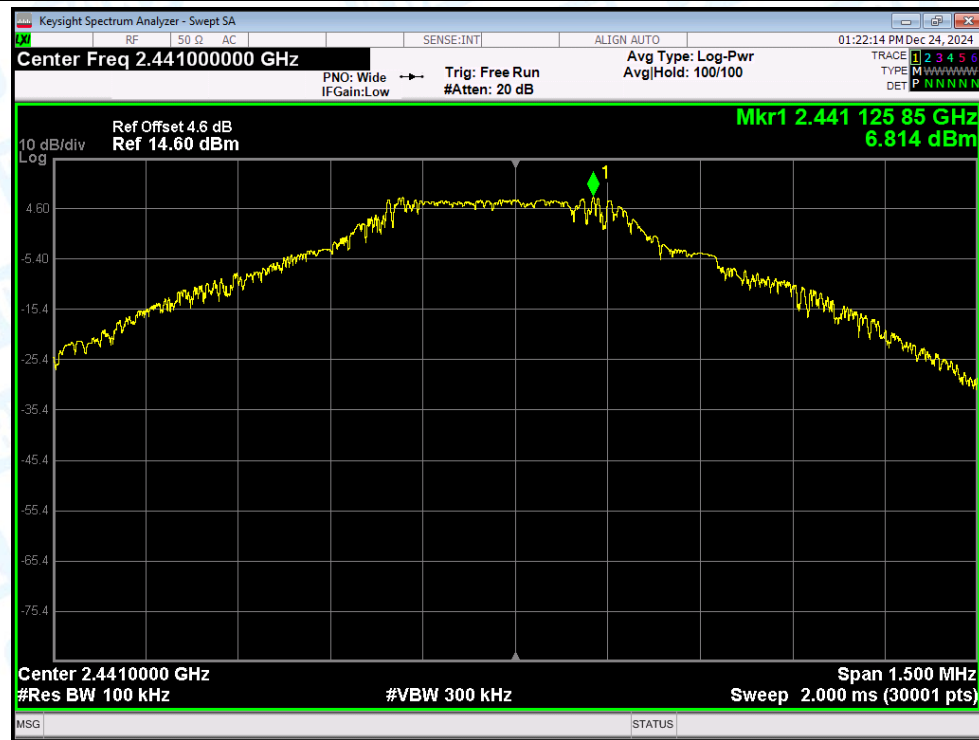
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



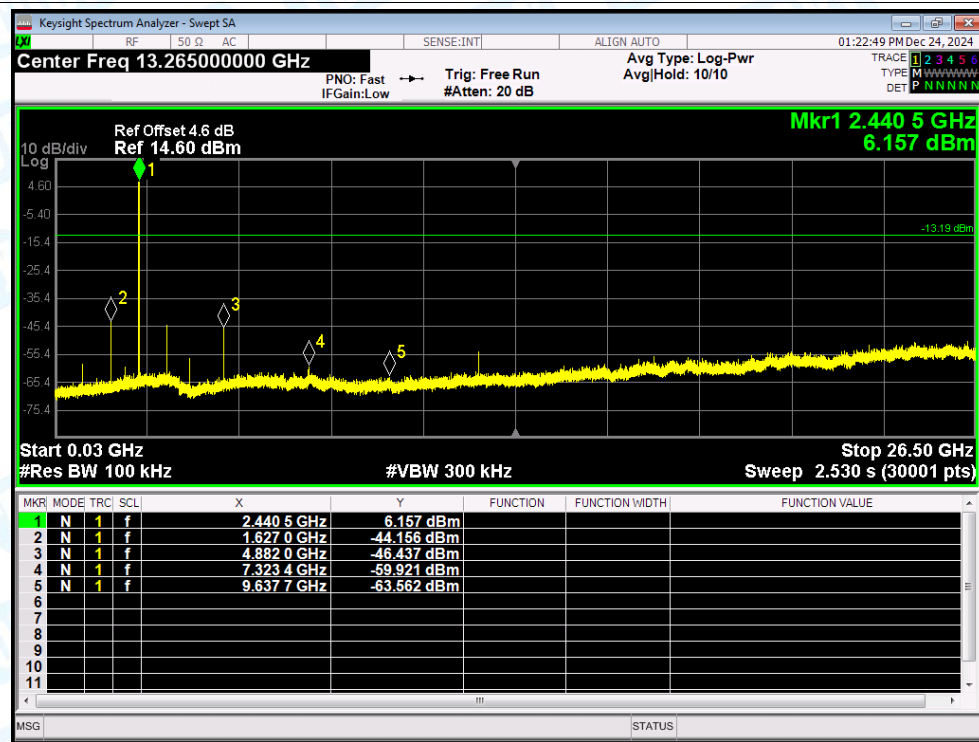
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



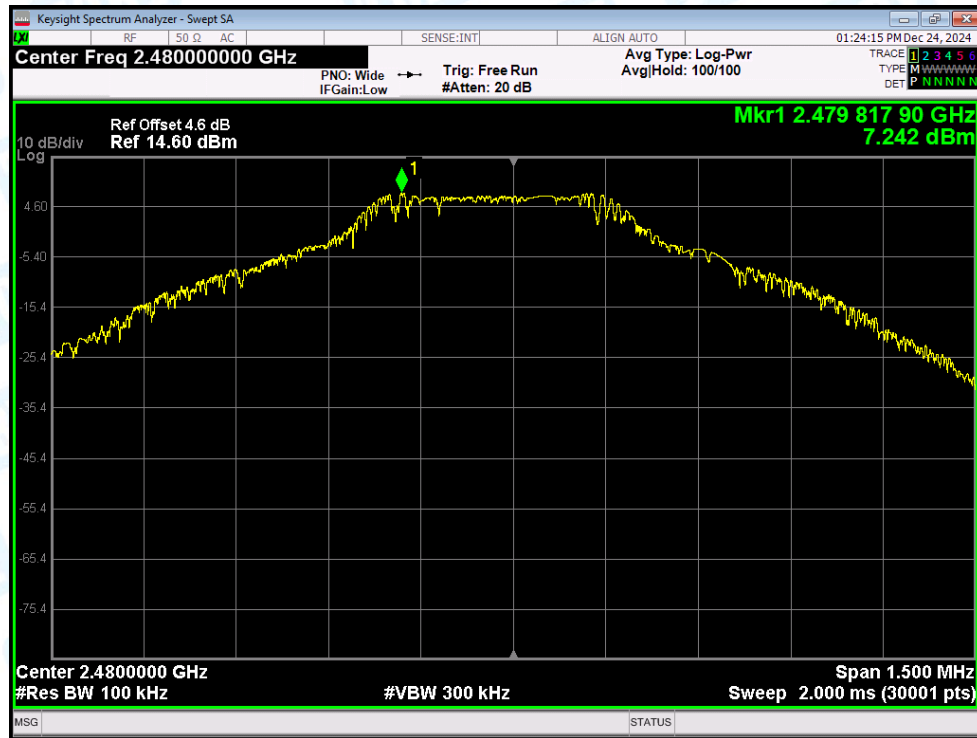
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



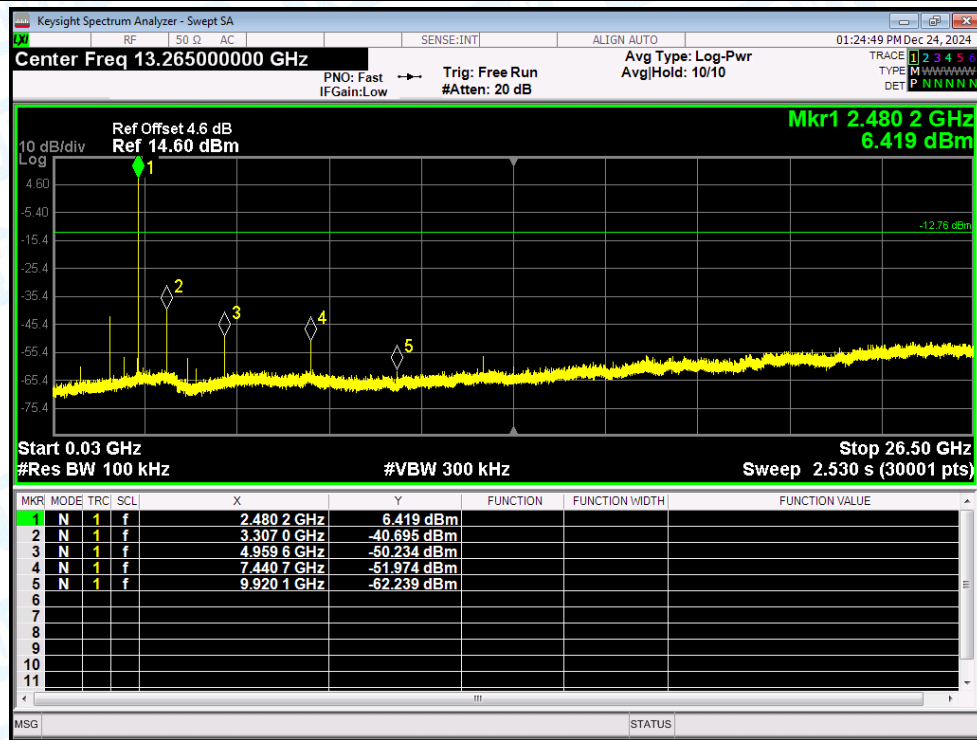
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



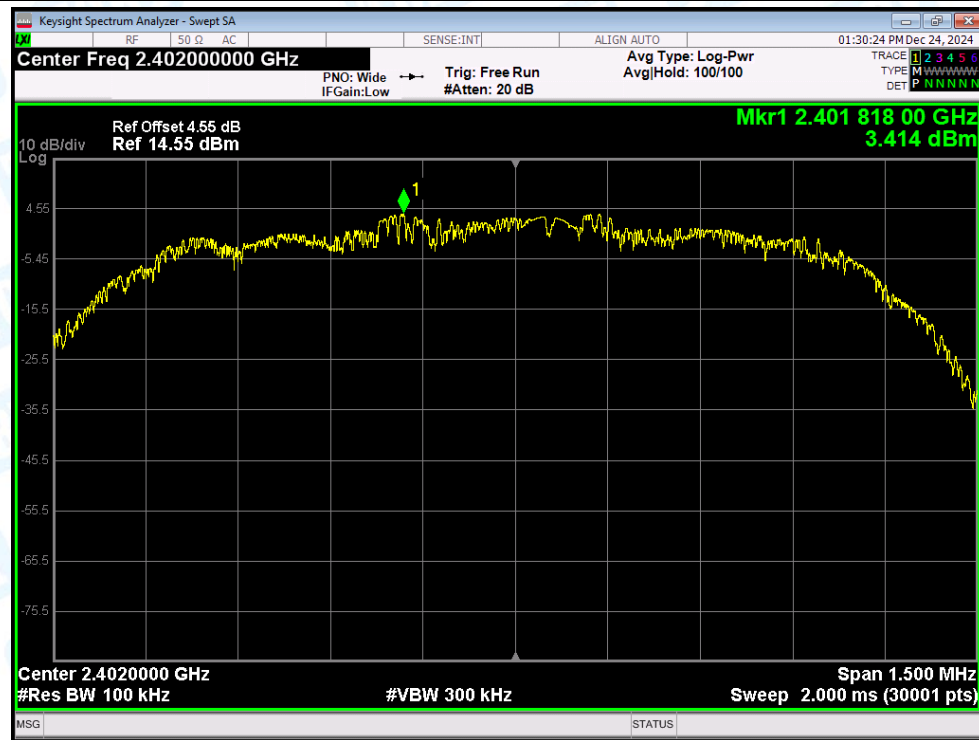
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



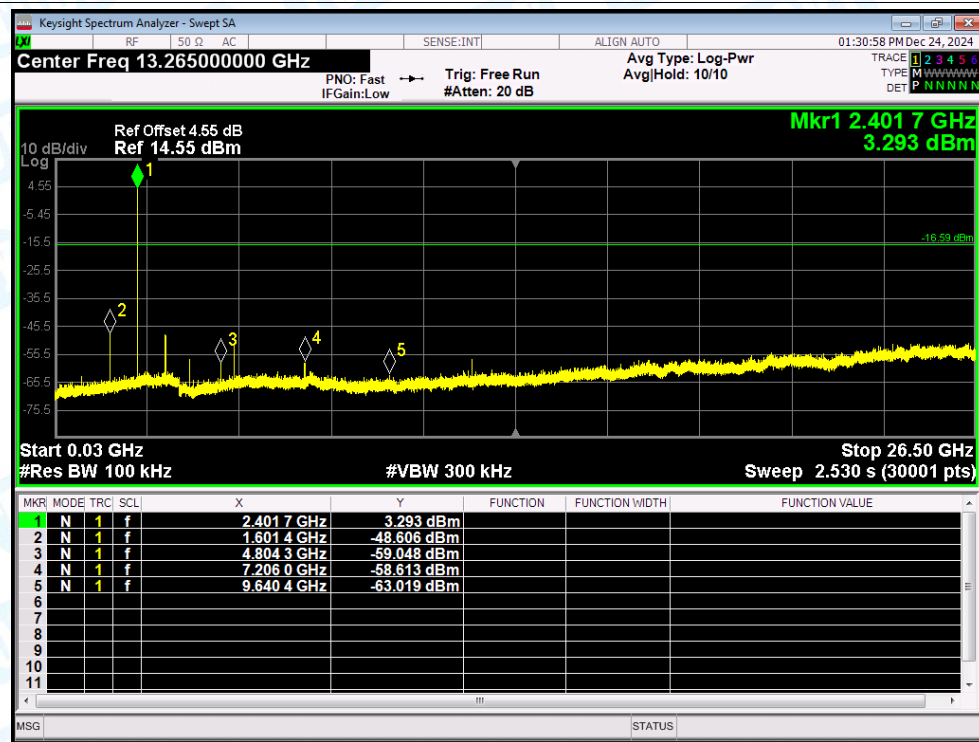
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



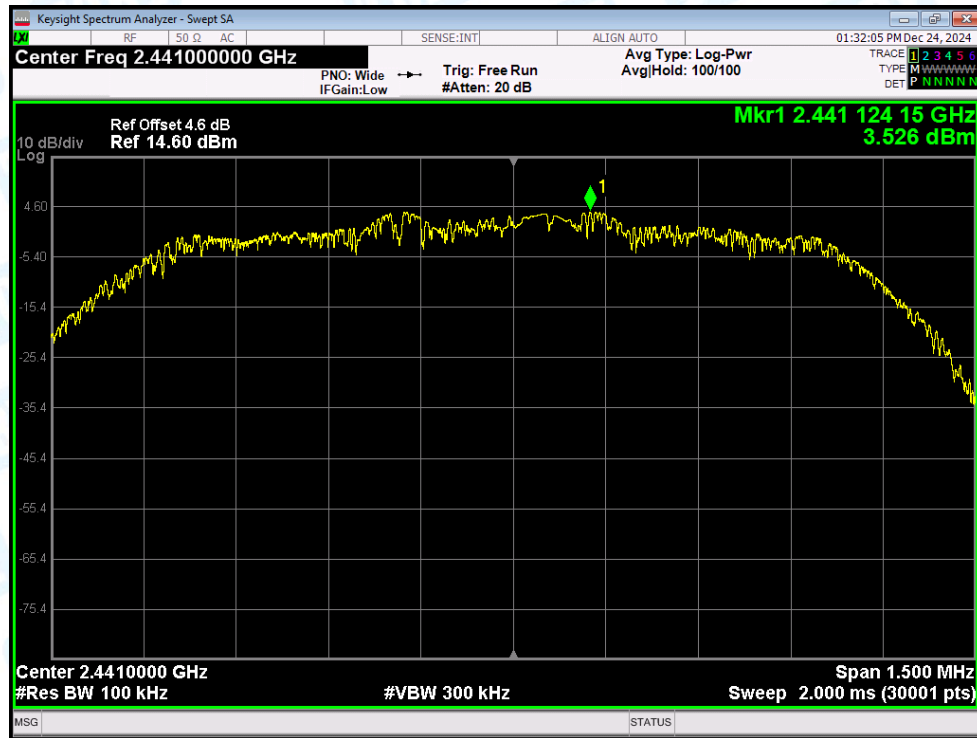
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



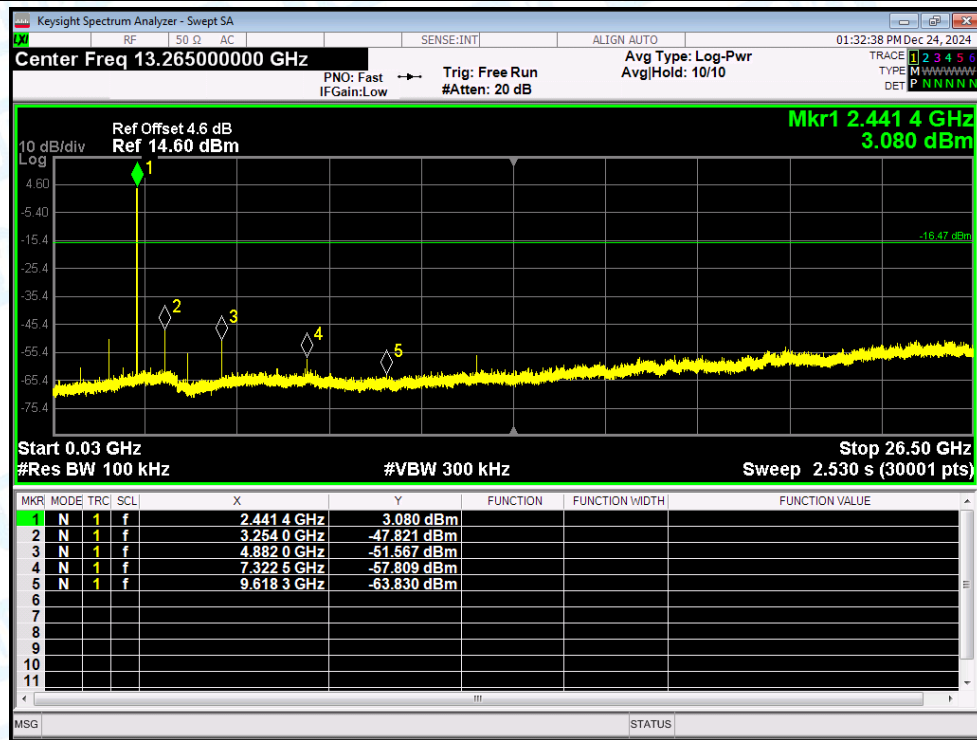
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



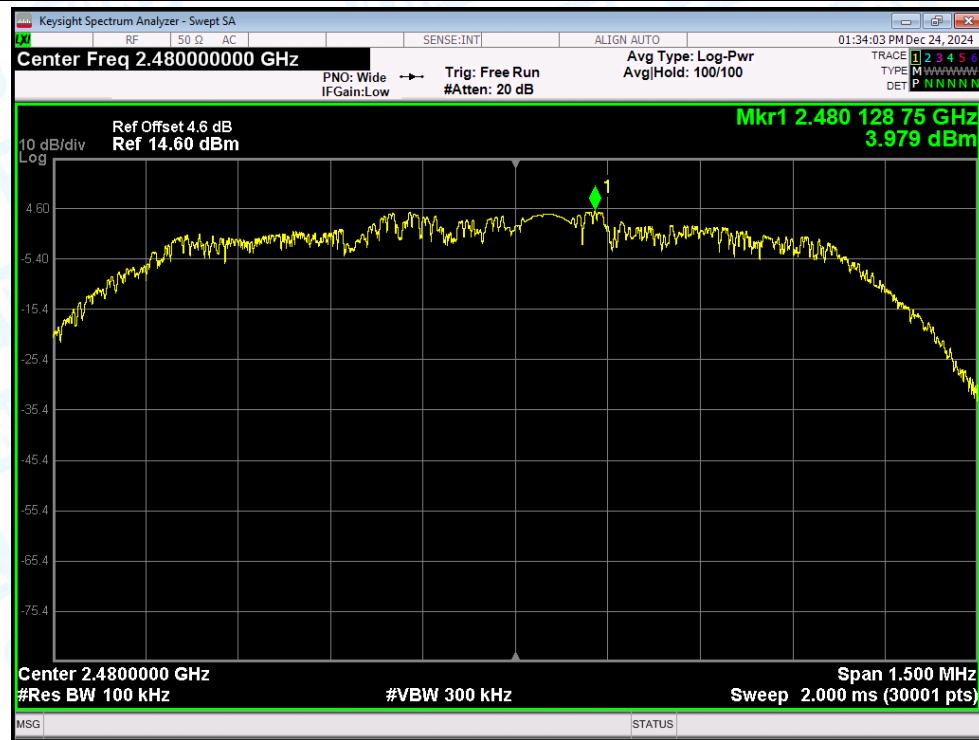
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



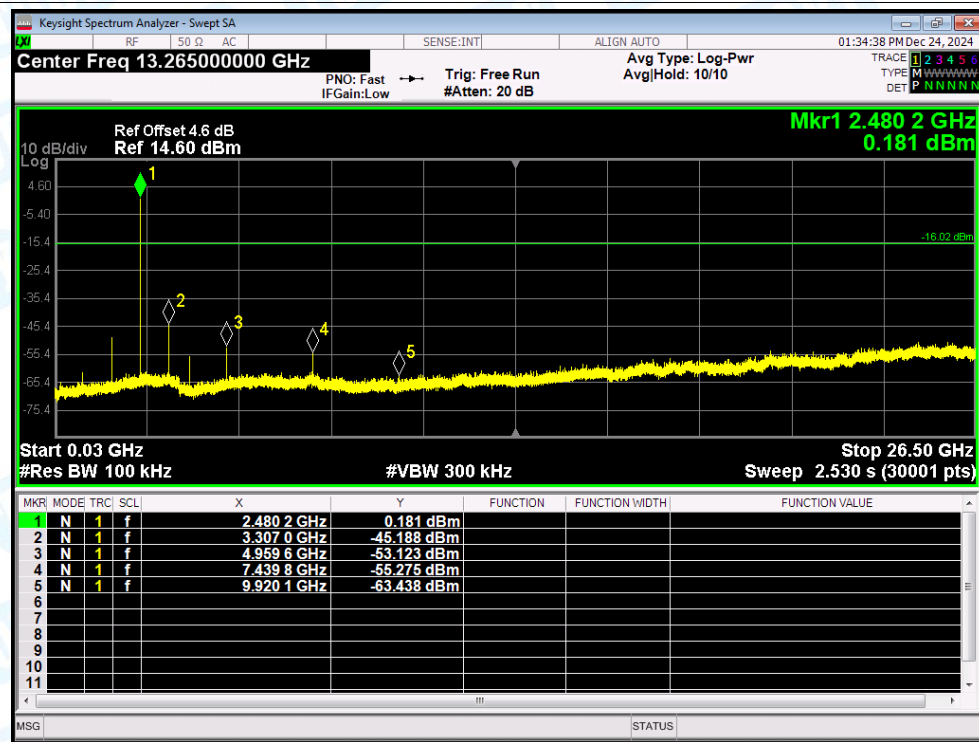
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



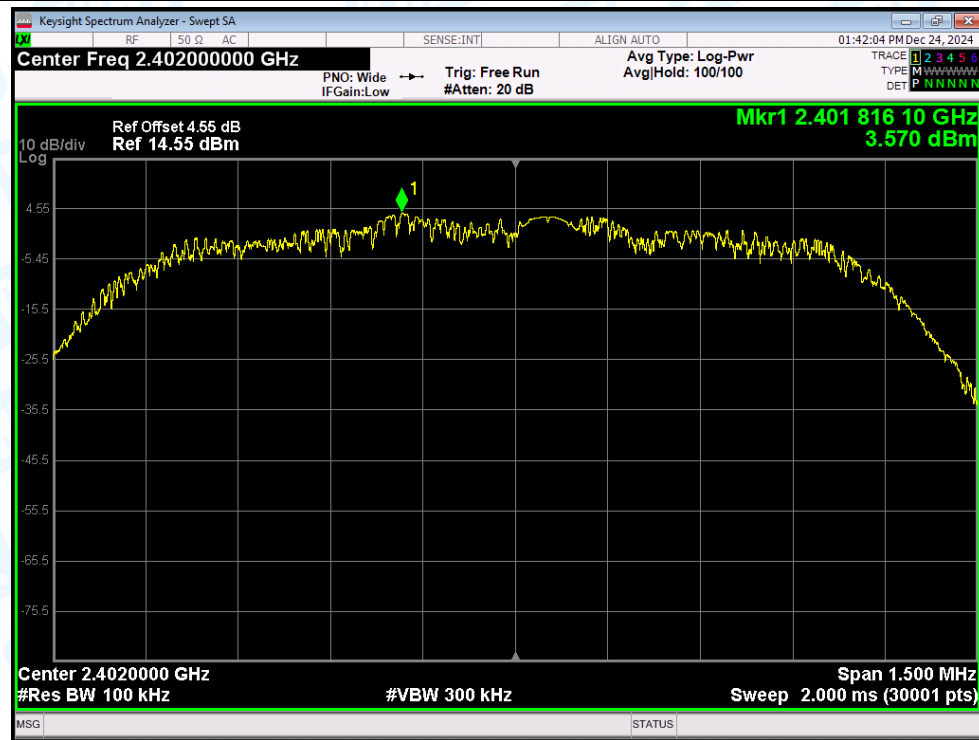
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



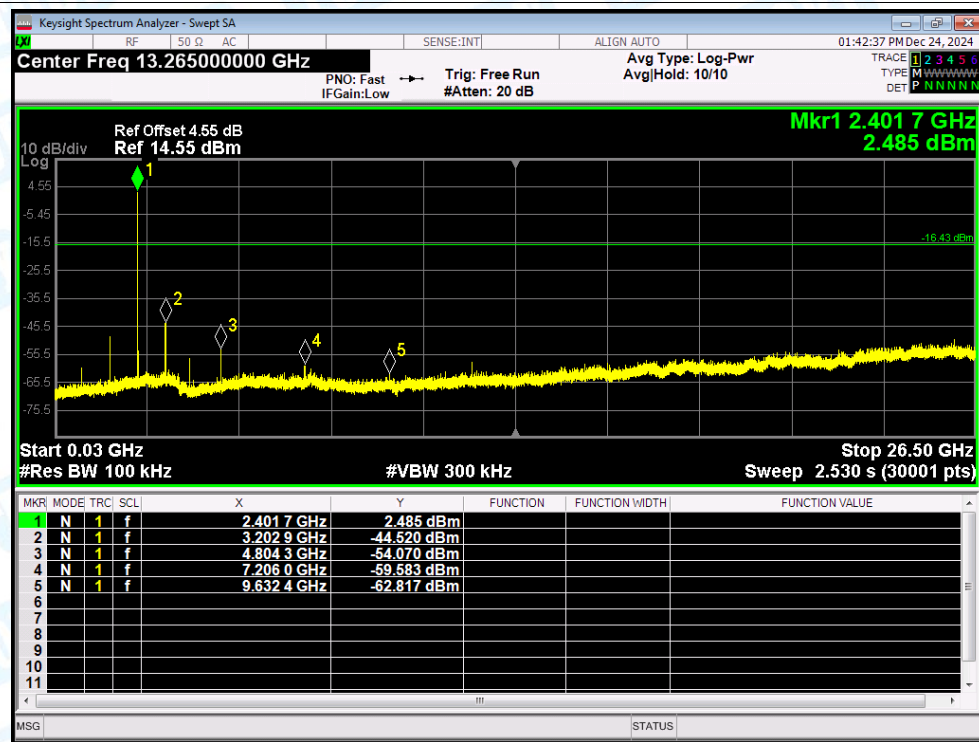
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



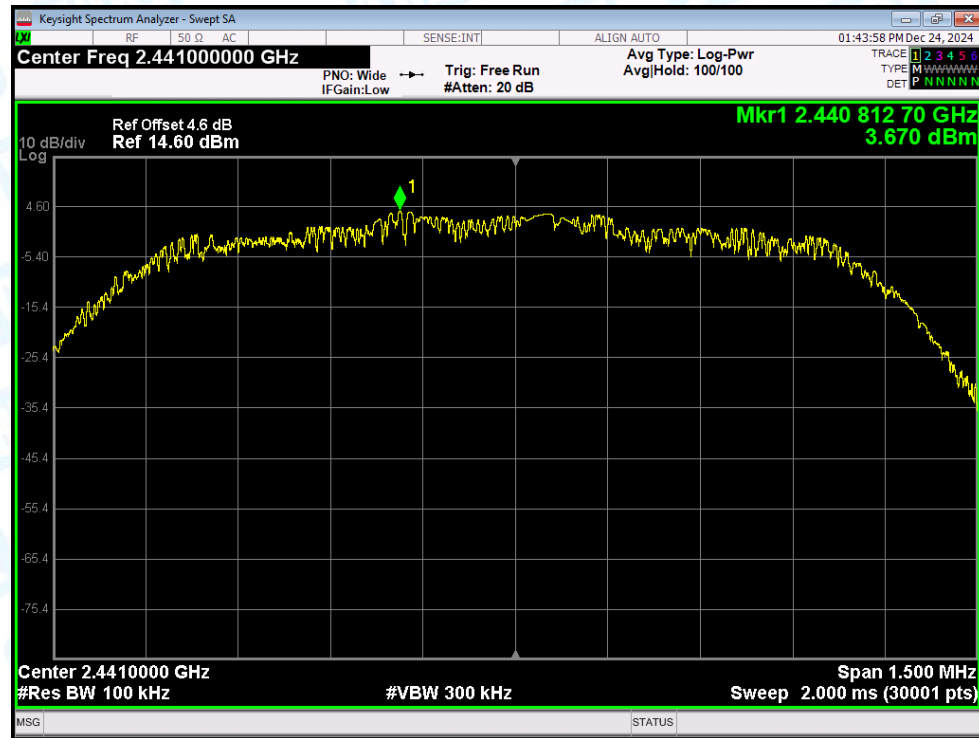
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



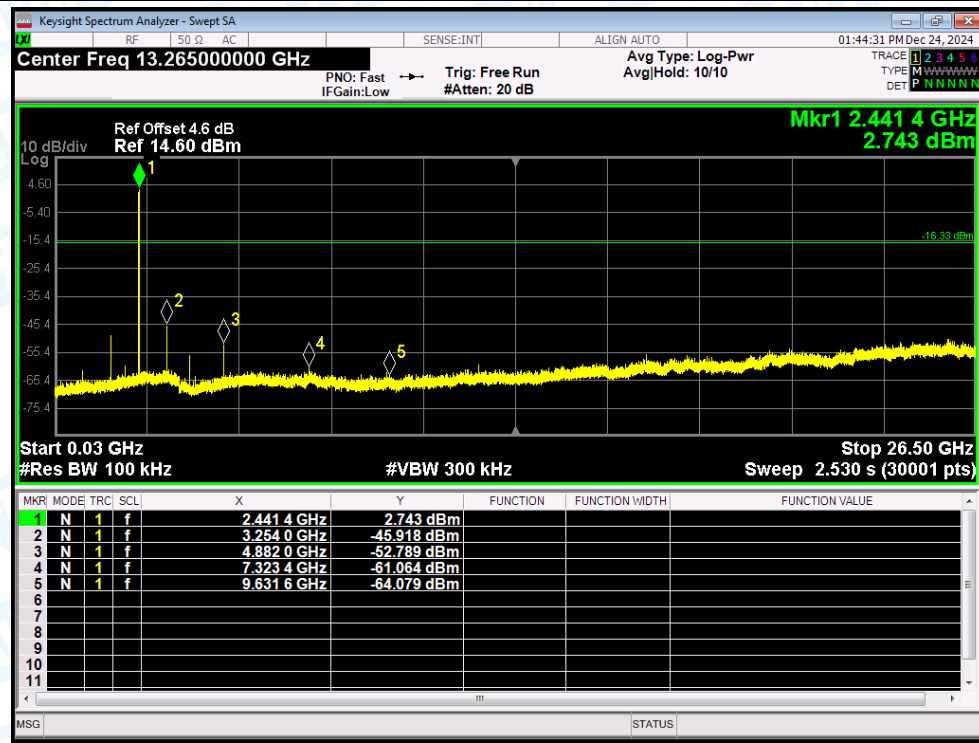
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



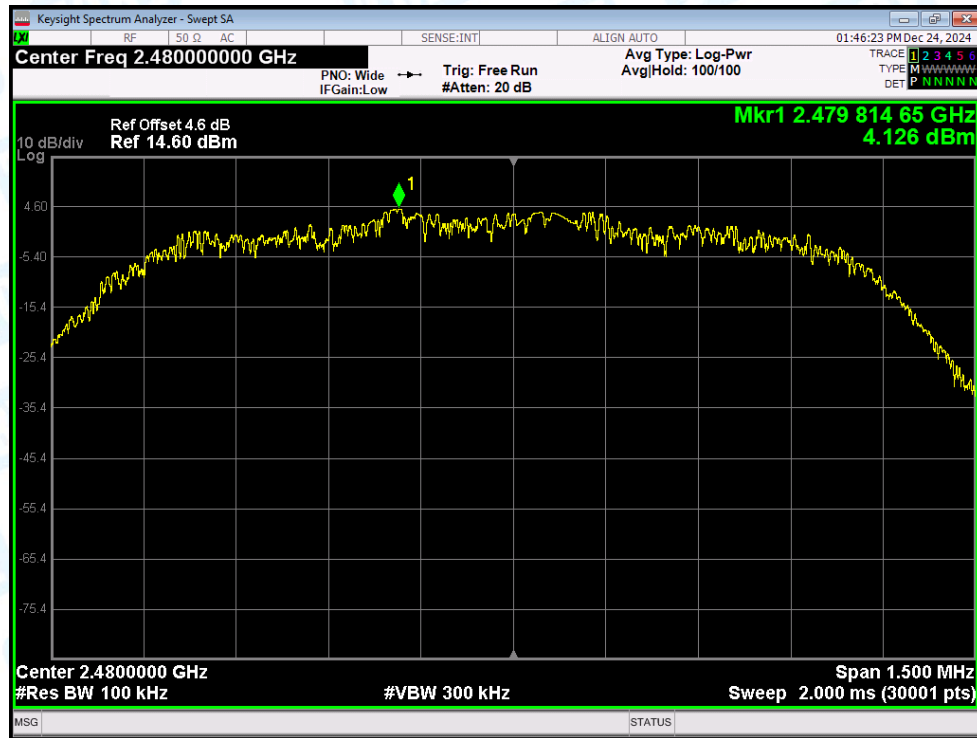
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



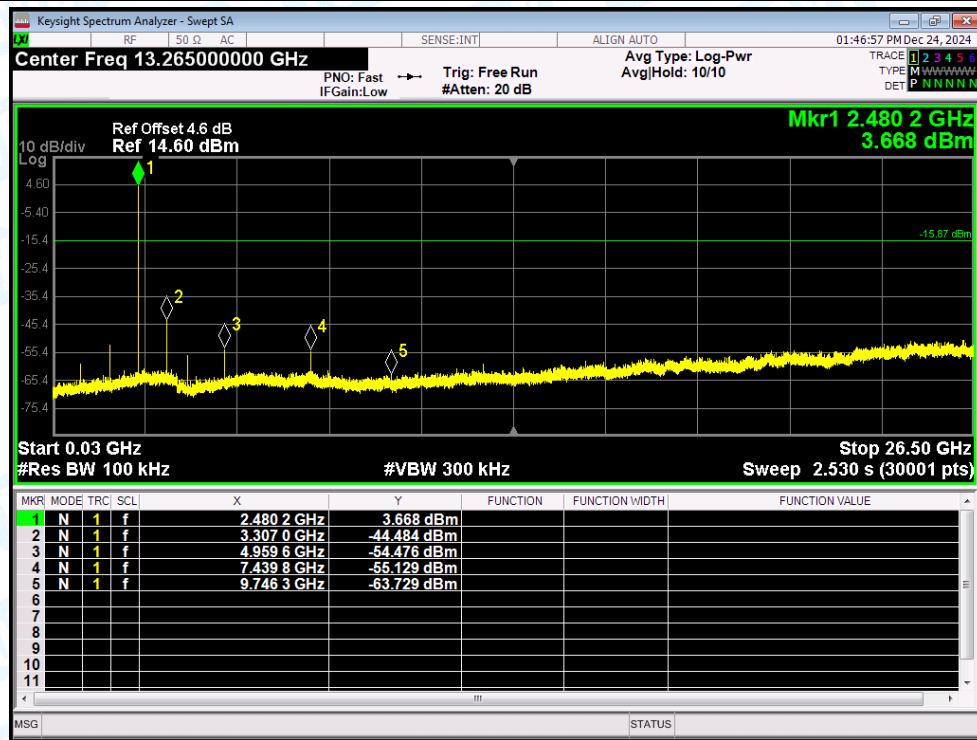
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

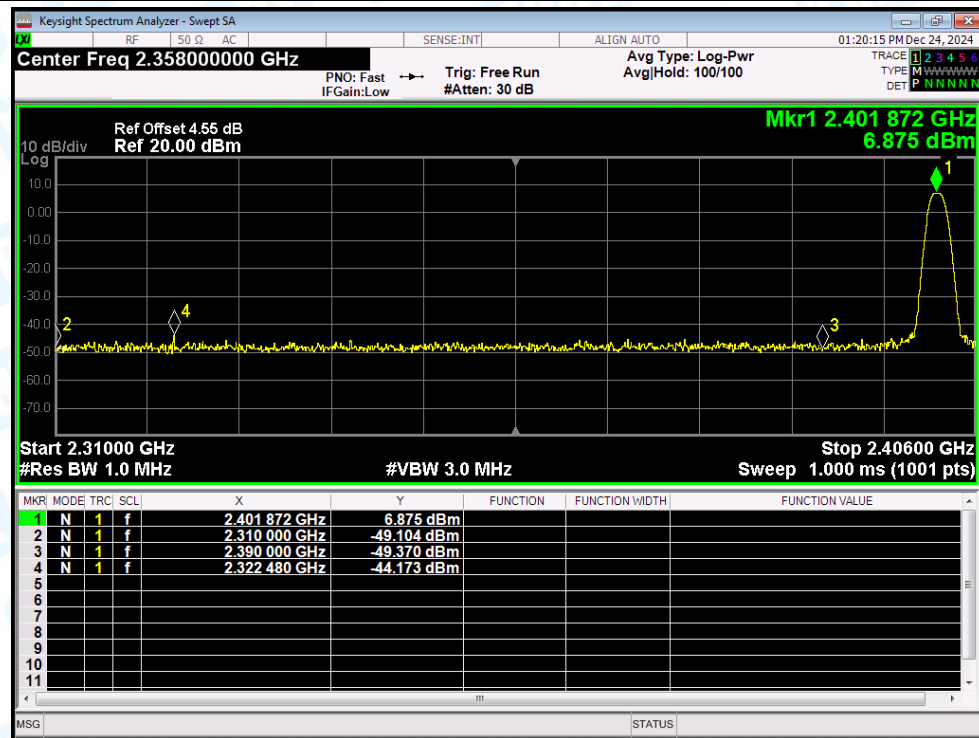


## 8. Restrict Band

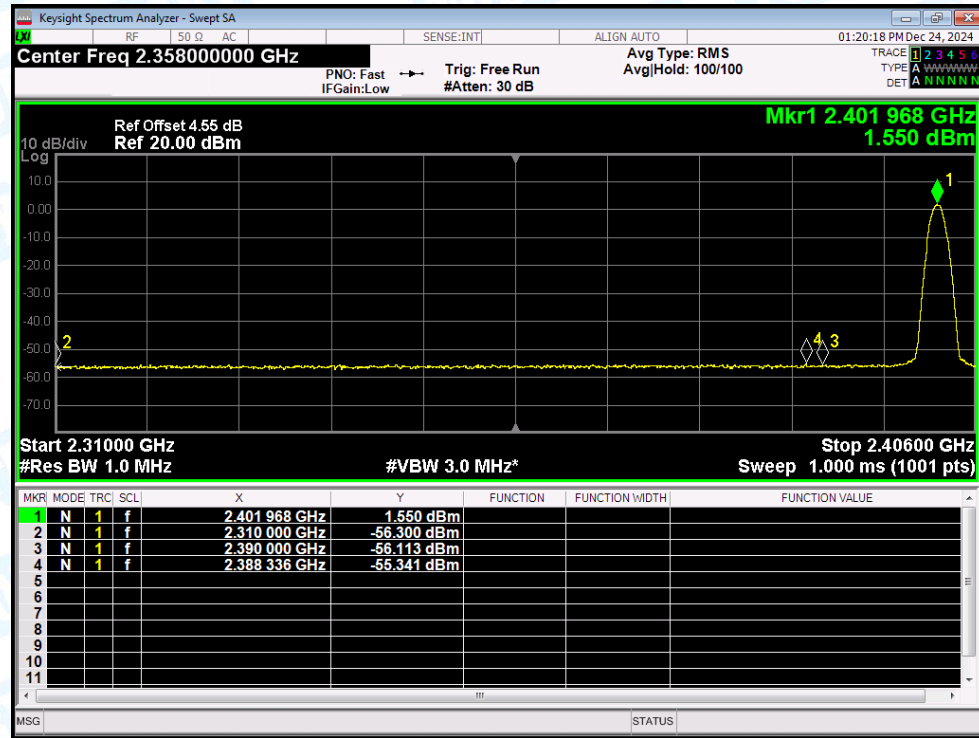
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -49.1       | 2          | -                | 48.16      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.3       | 2          | 5.29             | 46.25      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2322.48         | -44.17      | 2          | -                | 53.09      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2388.336        | -55.34      | 2          | 5.29             | 47.21      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -49.37      | 2          | -                | 47.89      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.11      | 2          | 5.29             | 46.44      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -46.8       | 2          | -                | 50.46      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.46      | 2          | 5.29             | 47.09      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2491.168        | -44.41      | 2          | -                | 52.85      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.752        | -54.37      | 2          | 5.29             | 48.18      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -49.18      | 2          | -                | 48.08      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.01      | 2          | 5.29             | 47.54      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -49.2       | 2          | -                | 48.06      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.52      | 2          | 5.17             | 45.91      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2389.584        | -44.82      | 2          | -                | 52.44      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2377.968        | -55.27      | 2          | 5.17             | 47.16      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -48.55      | 2          | -                | 48.71      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.52      | 2          | 5.17             | 45.91      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -46.01      | 2          | -                | 51.25      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -54.6       | 2          | 5.17             | 47.83      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.92         | -44.3       | 2          | -                | 52.96      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.704        | -54.39      | 2          | 5.17             | 48.04      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -45.6       | 2          | -                | 51.66      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -56.16      | 2          | 5.17             | 46.27      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -46.81      | 2          | -                | 50.45      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.39      | 2          | 5.17             | 46.04      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2370.96         | -45.15      | 2          | -                | 52.11      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2369.52         | -55.33      | 2          | 5.17             | 47.1       | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -48.65      | 2          | -                | 48.61      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.16      | 2          | 5.17             | 46.27      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -44.41      | 2          | -                | 52.85      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55         | 2          | 5.17             | 47.43      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.512        | -44.41      | 2          | -                | 52.85      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2496.592        | -54.58      | 2          | 5.17             | 47.85      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.48      | 2          | -                | 49.78      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.68      | 2          | 5.17             | 46.75      | Average  | 54             | Pass    |

### Test Graphs

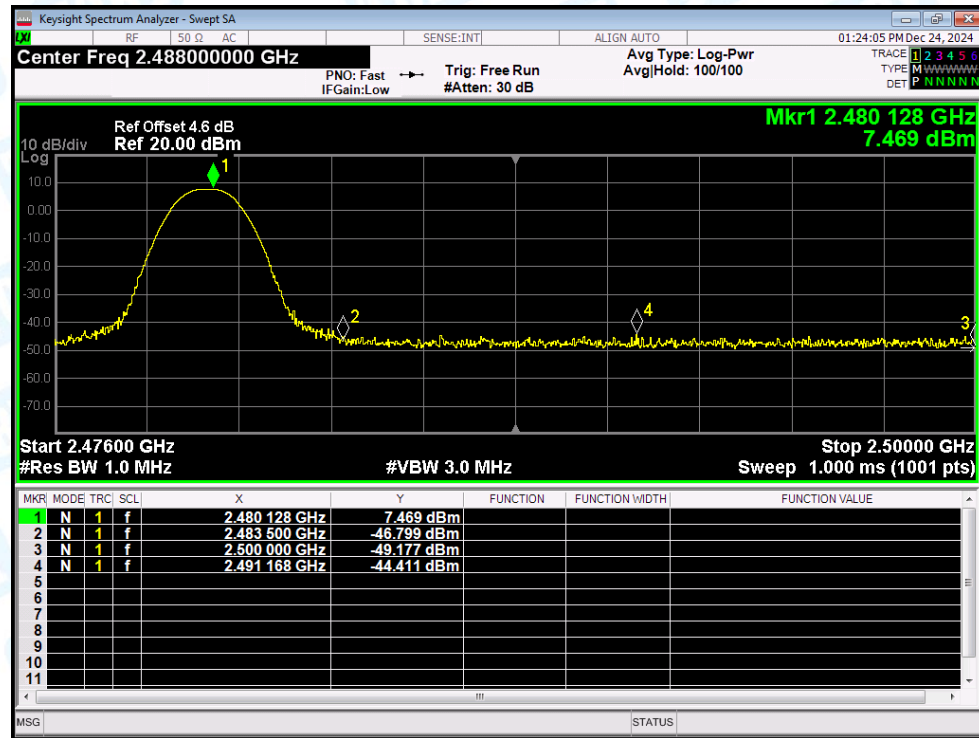
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



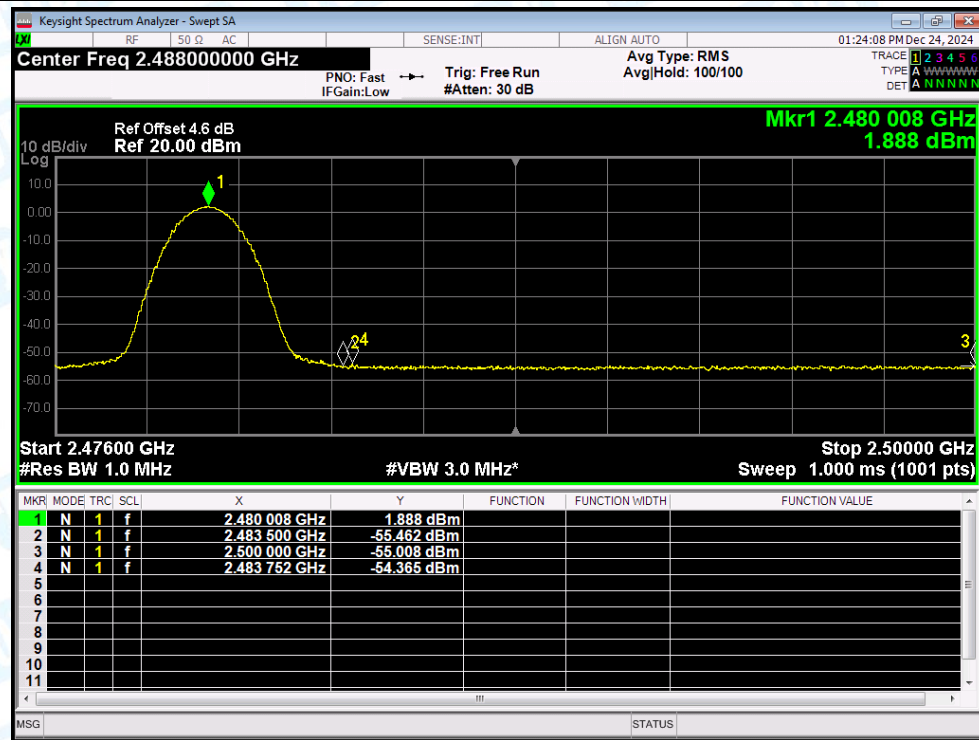
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



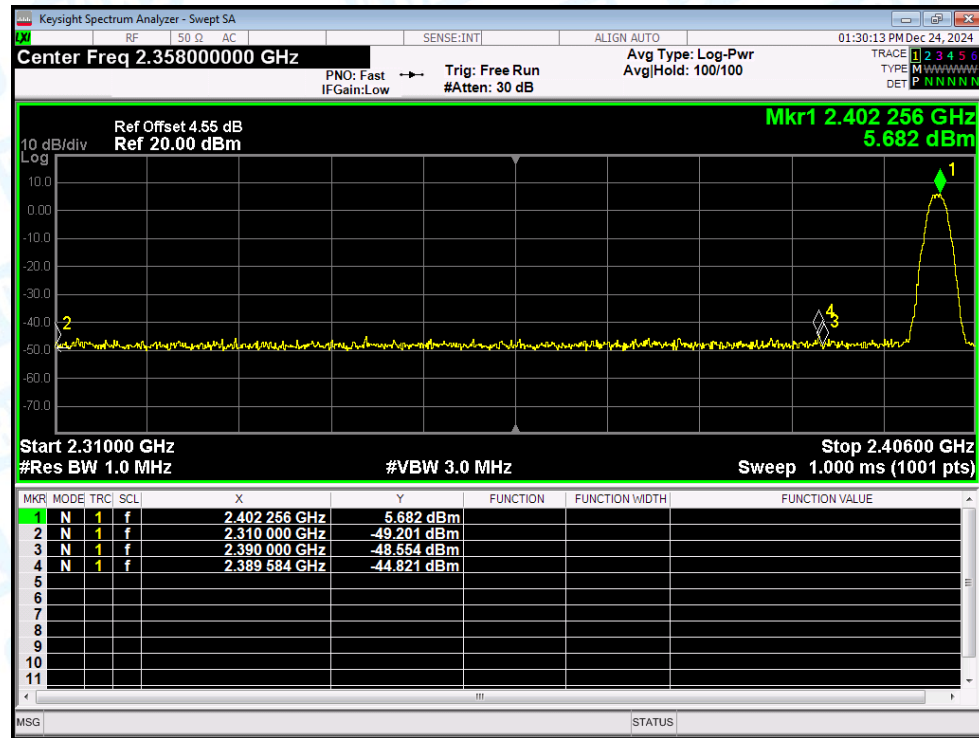
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



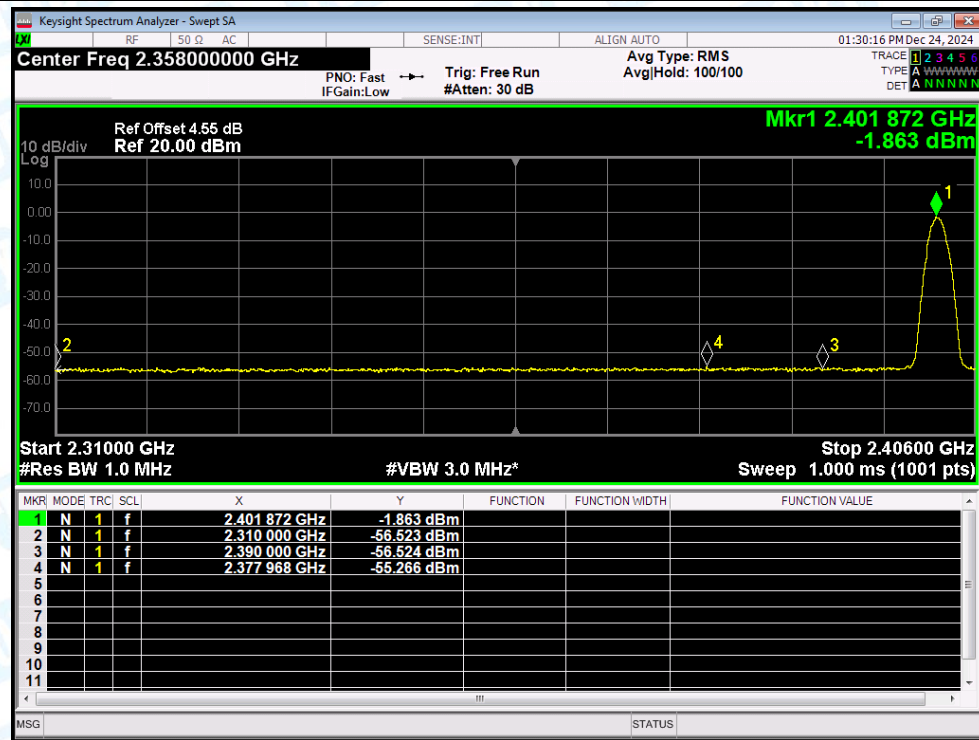
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



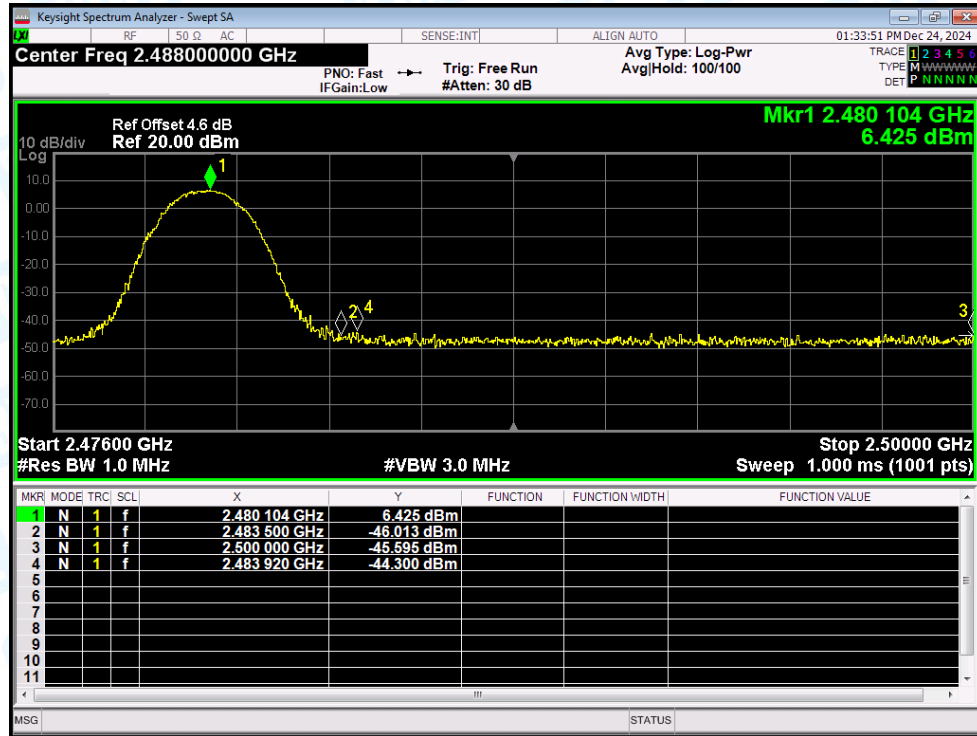
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



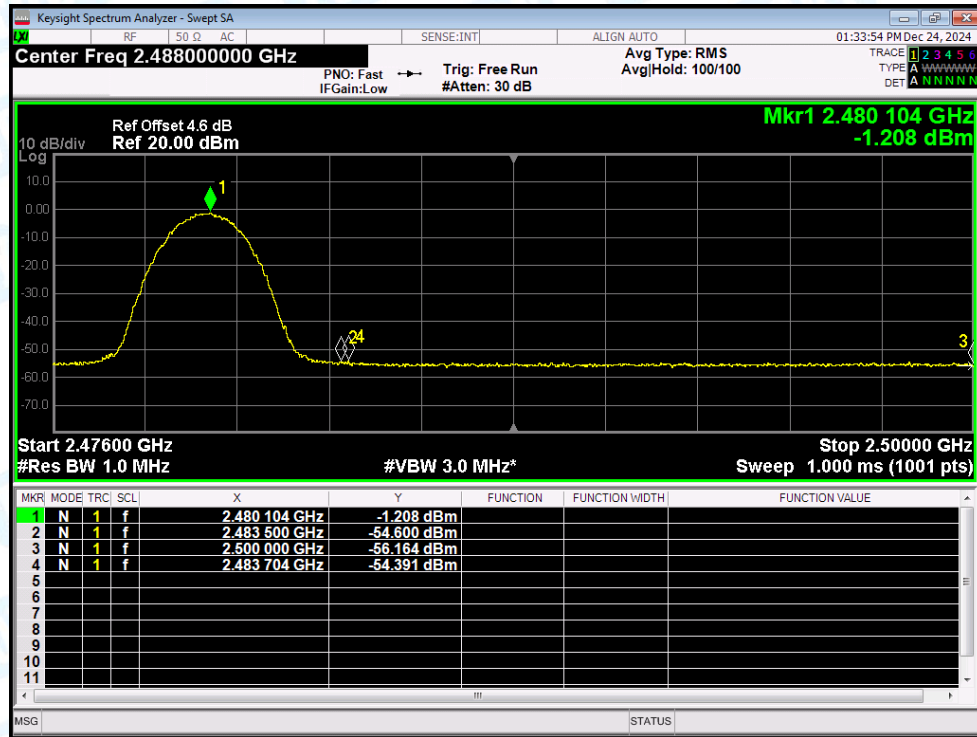
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



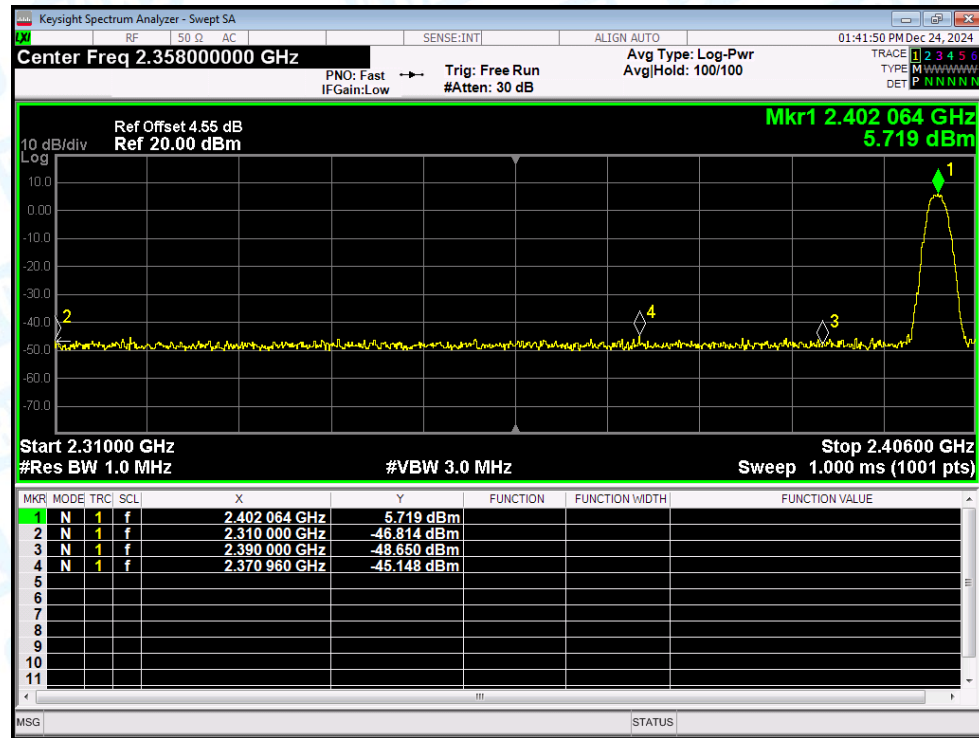
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



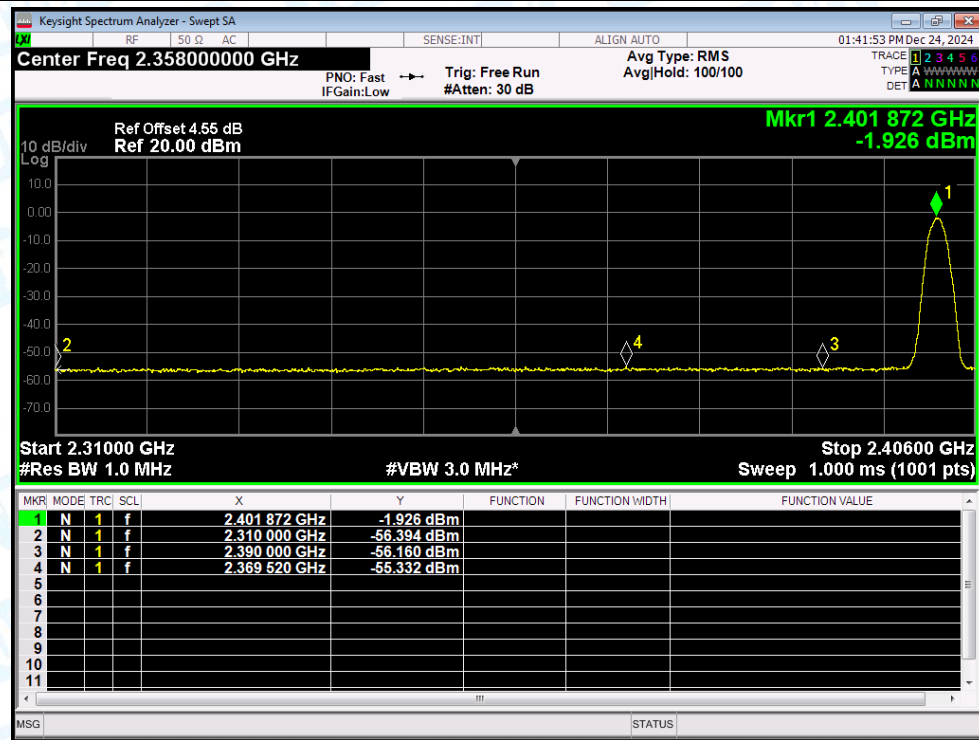
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



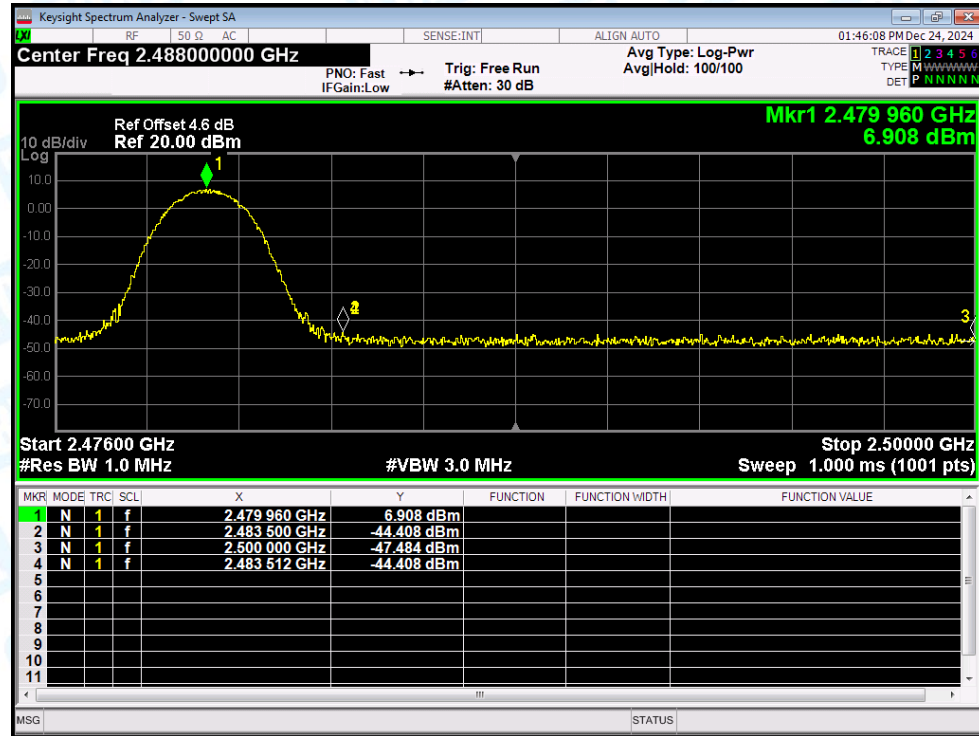
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



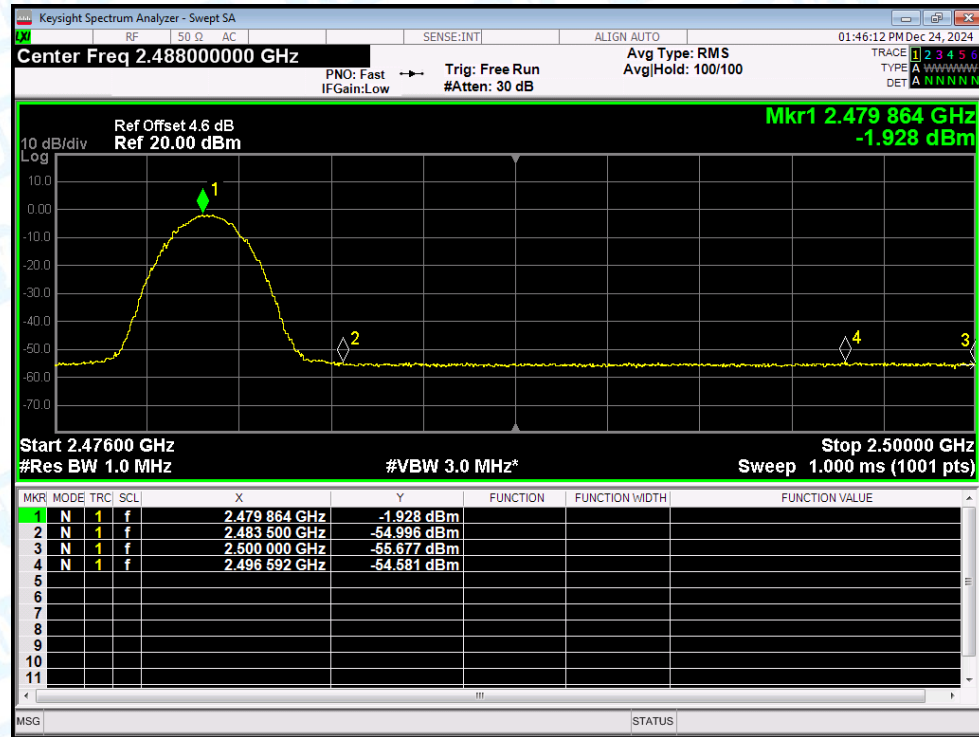
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



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



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

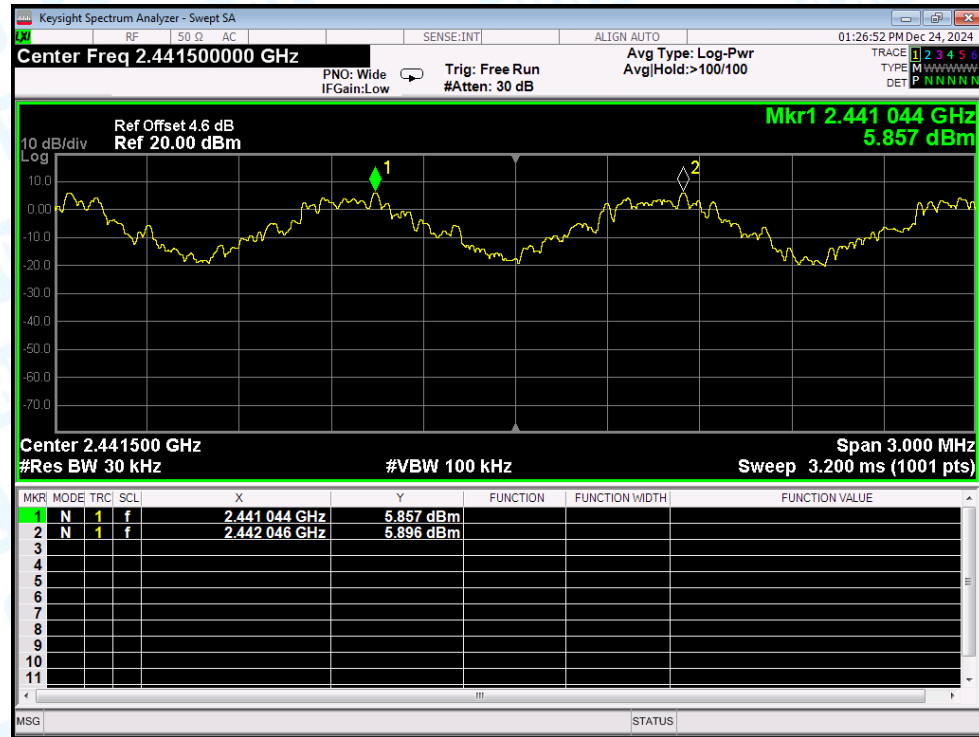


## 9. Carrier Frequencies Separation

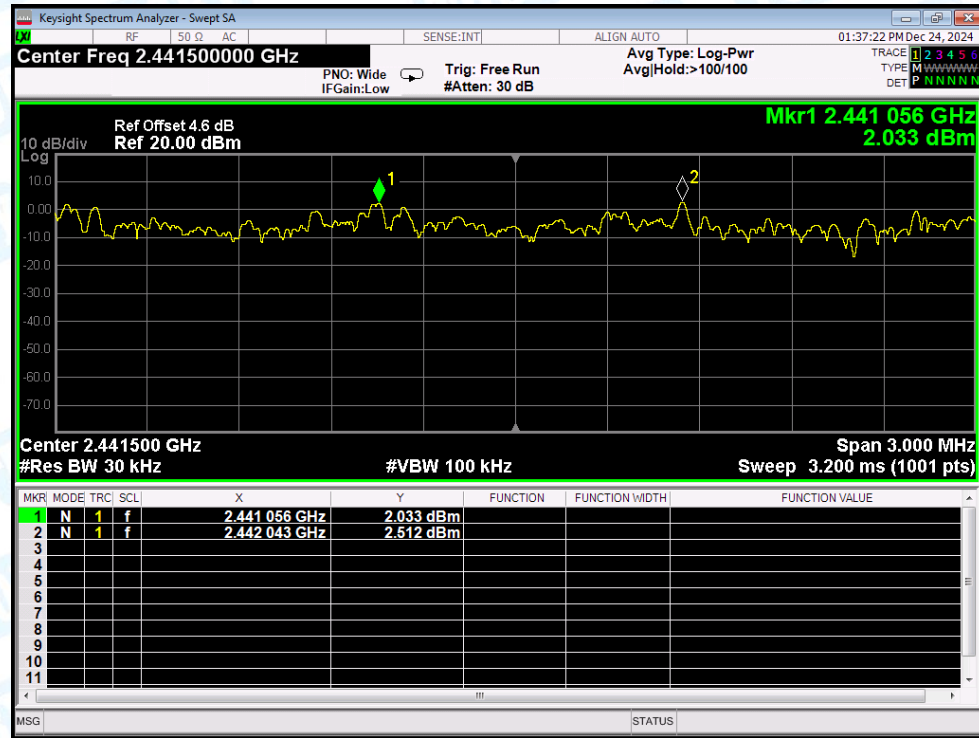
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2441.044            | 2442.046            | 1.002     | 0.58        | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2441.056            | 2442.043            | 0.987     | 0.84        | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2441.05             | 2442.037            | 0.987     | 0.827       | Pass    |

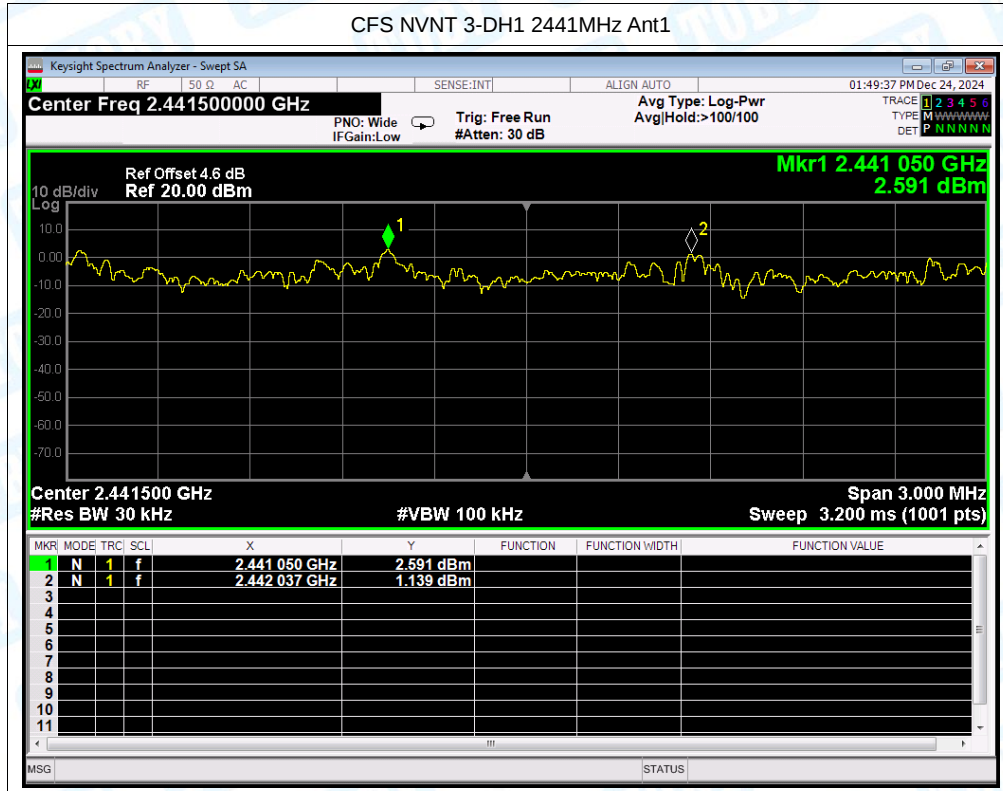
### Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



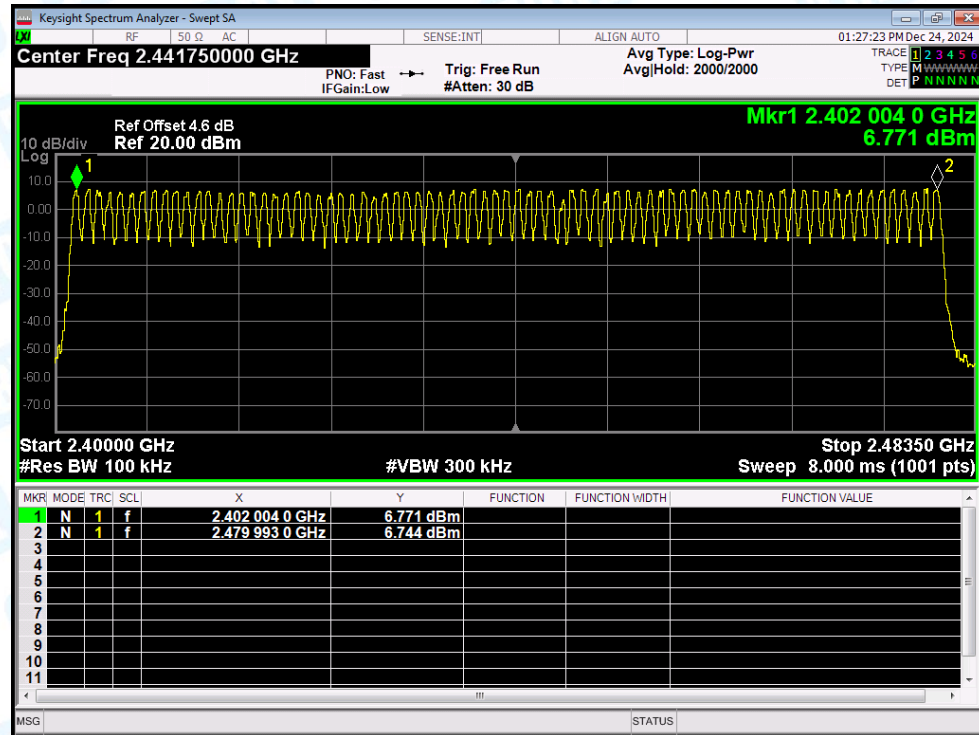


10. Number of Hopping Channel

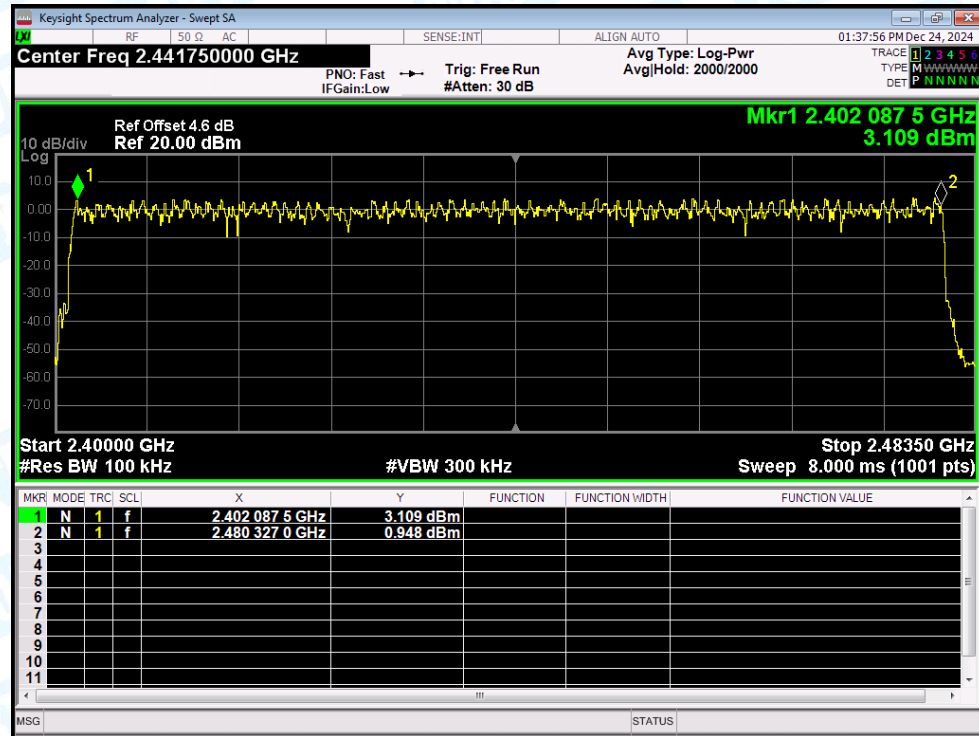
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79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

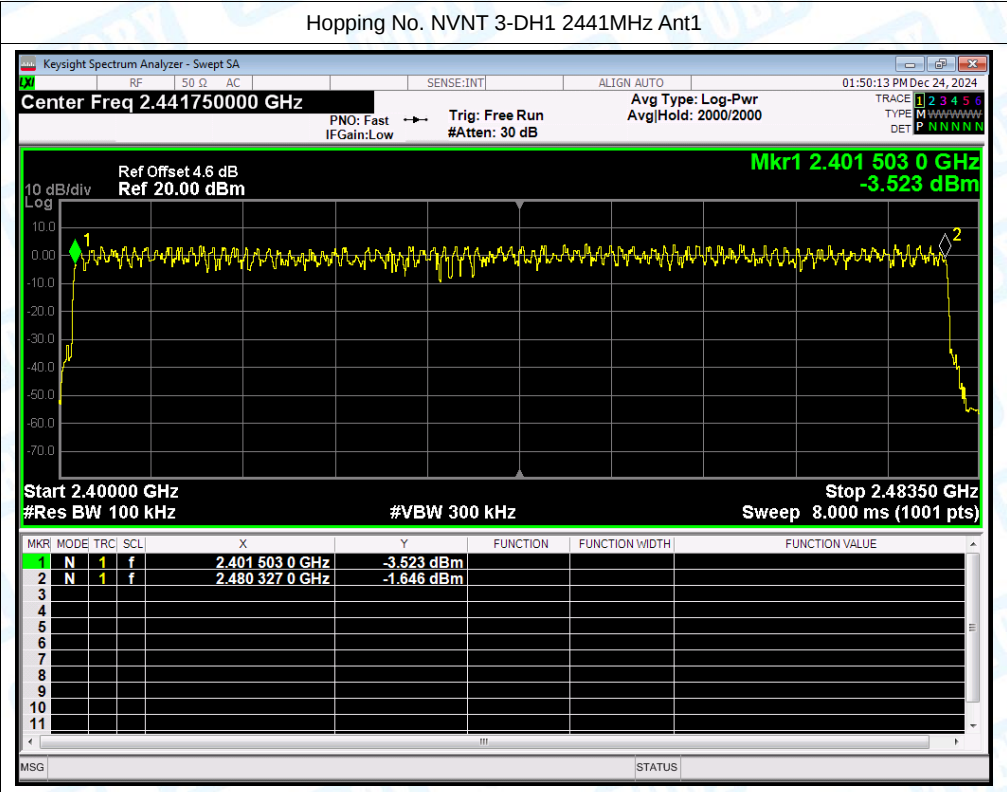
### Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



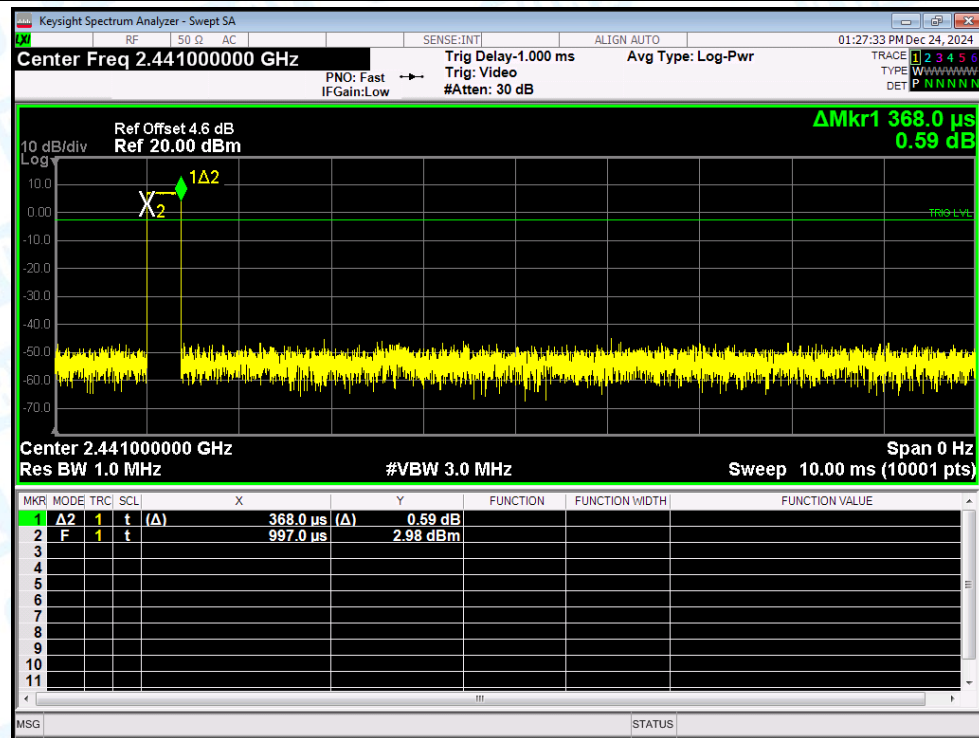


## 11. Dwell Time

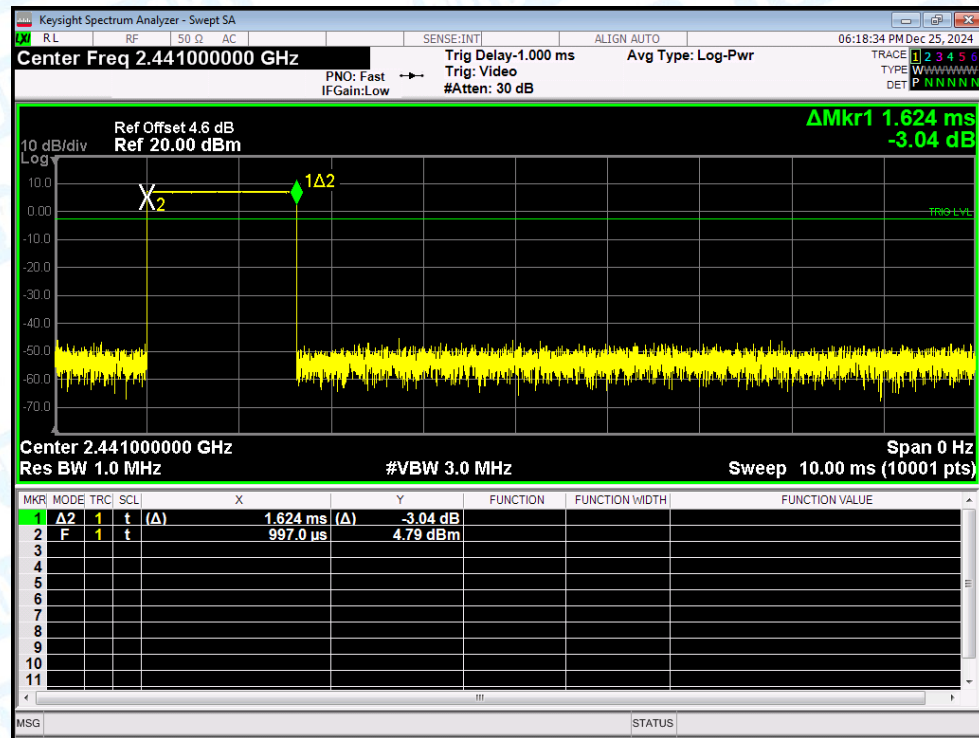
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.368           | 117.76                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.624           | 259.84                | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.872           | 306.347               | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.378           | 120.96                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.63            | 260.8                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.877           | 306.88                | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.377           | 120.64                | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.628           | 260.48                | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.88            | 307.2                 | 31600            | 400        | Pass    |

### Test Graphs

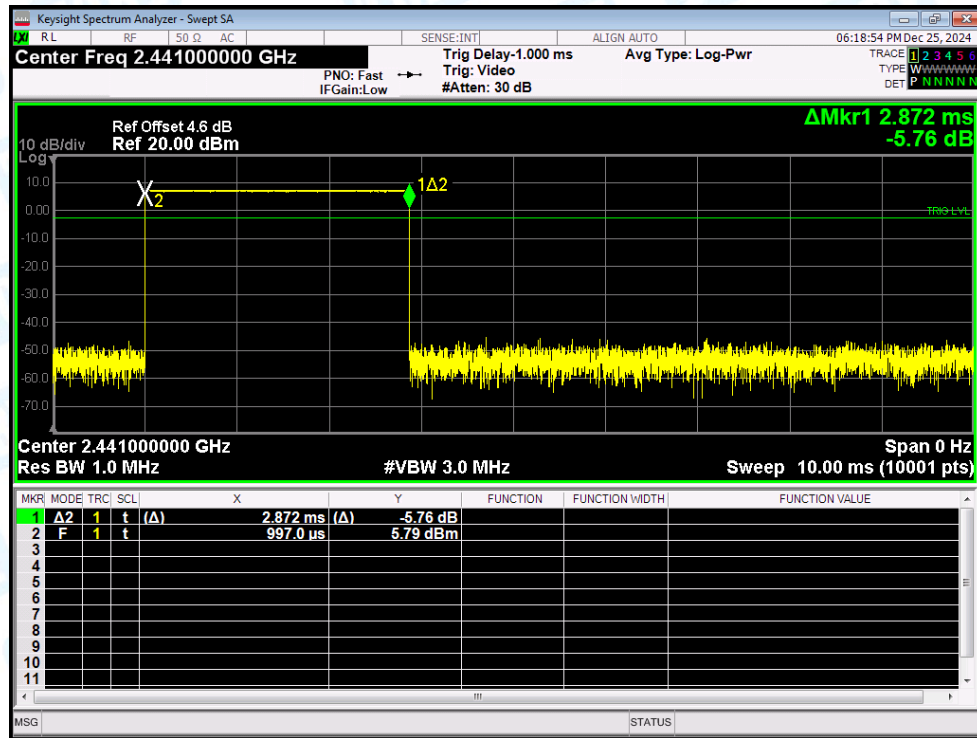
#### Dwell NVNT 1-DH1 2441MHz Ant1



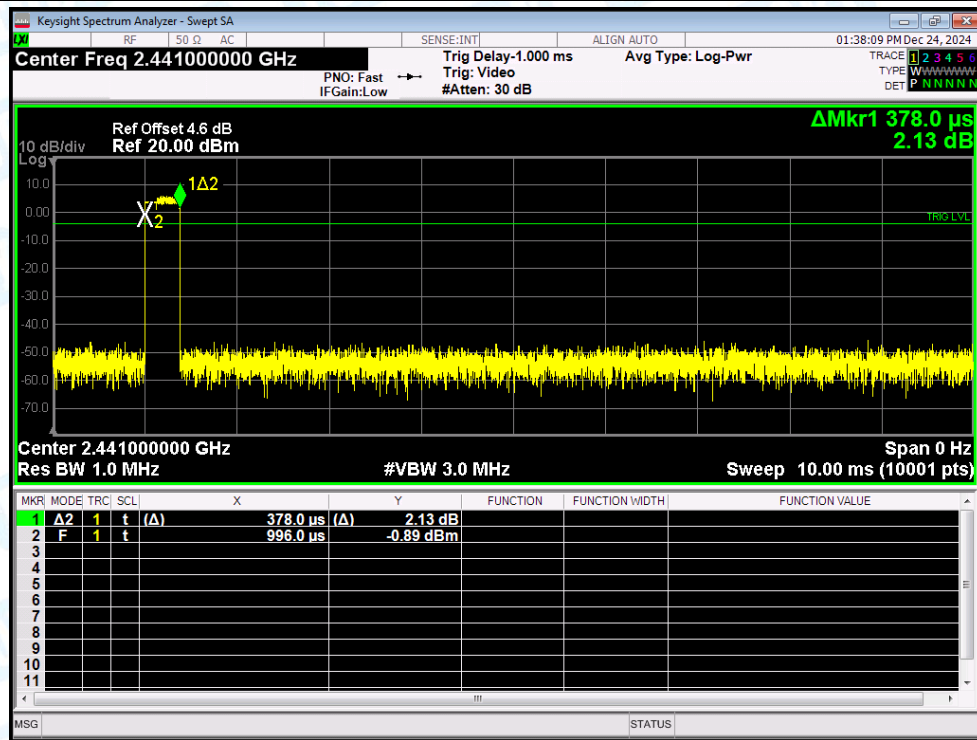
#### Dwell NVNT 1-DH3 2441MHz Ant1



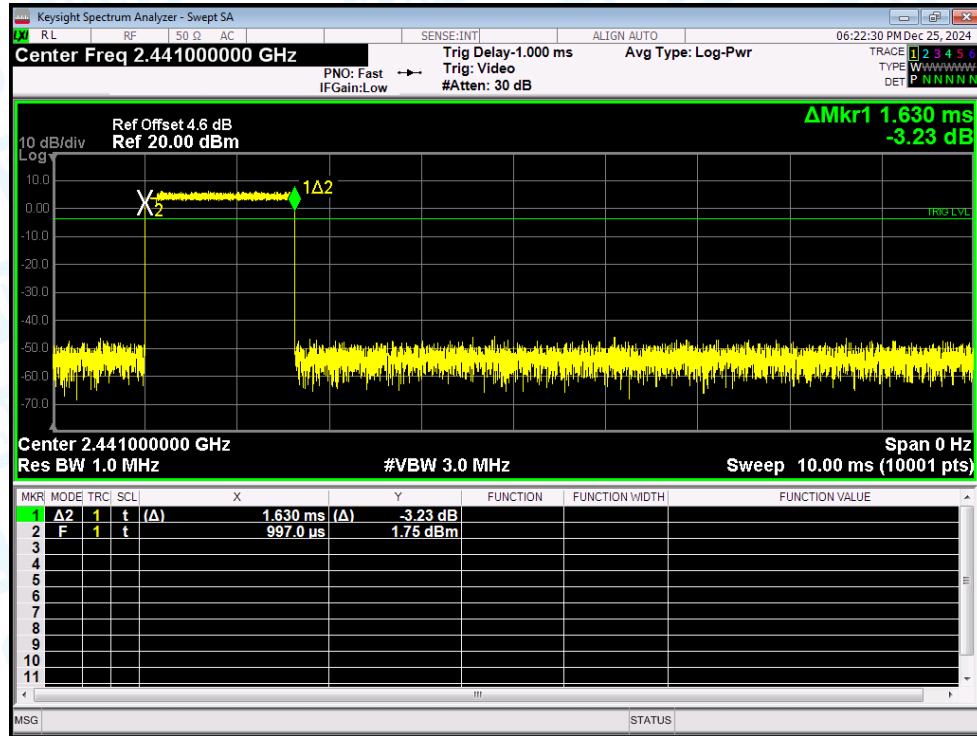
Dwell NVNT 1-DH5 2441MHz Ant1



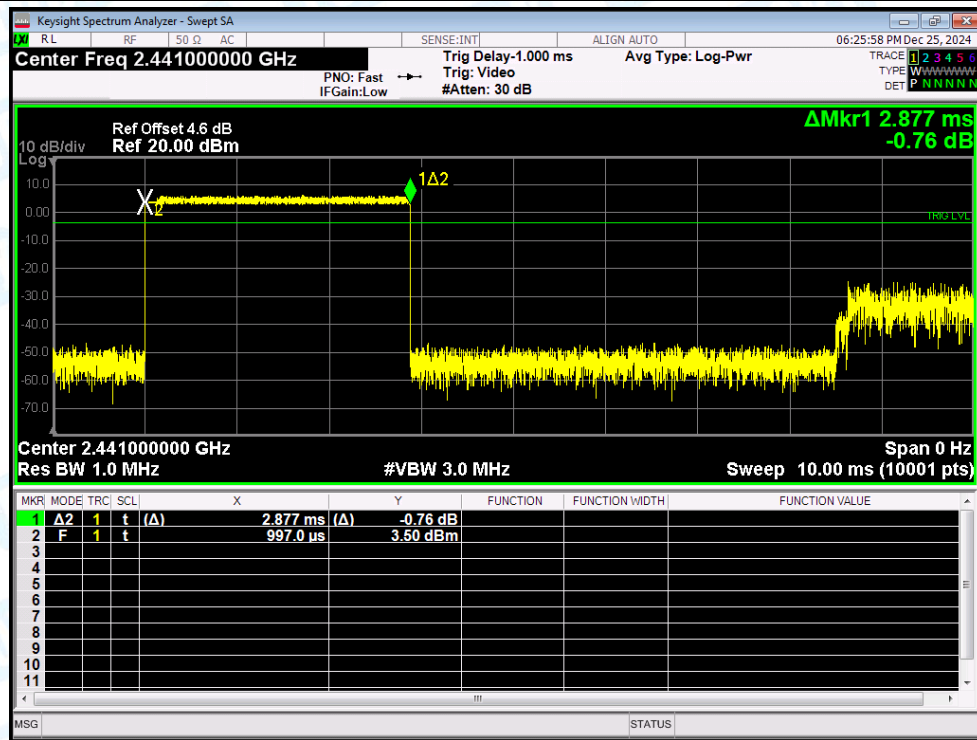
Dwell NVNT 2-DH1 2441MHz Ant1



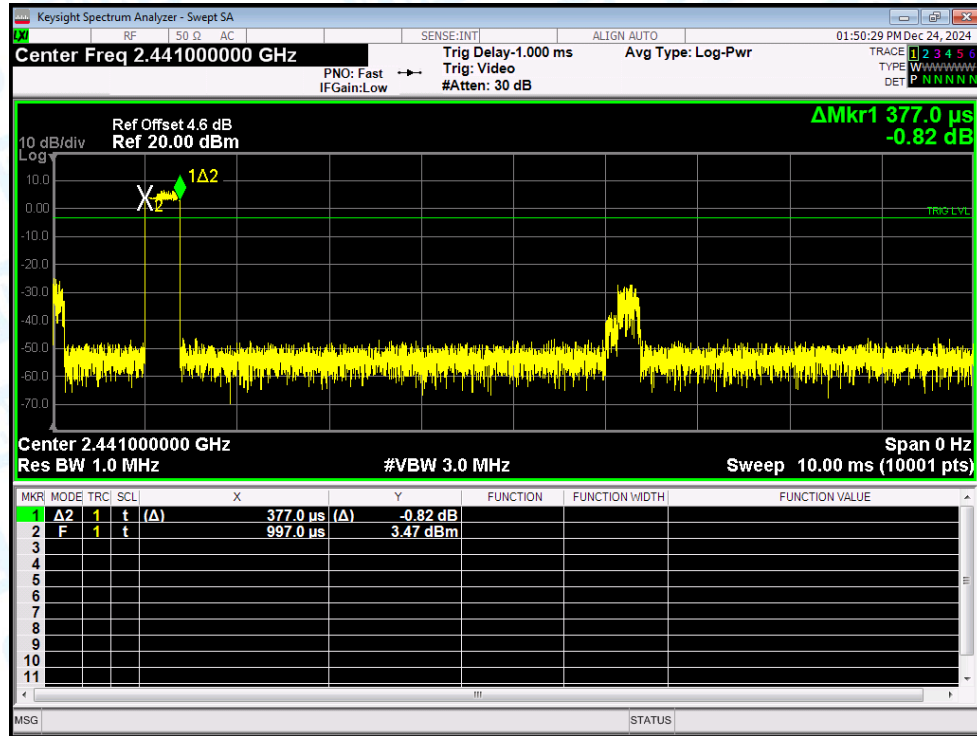
Dwell NVNT 2-DH3 2441MHz Ant1



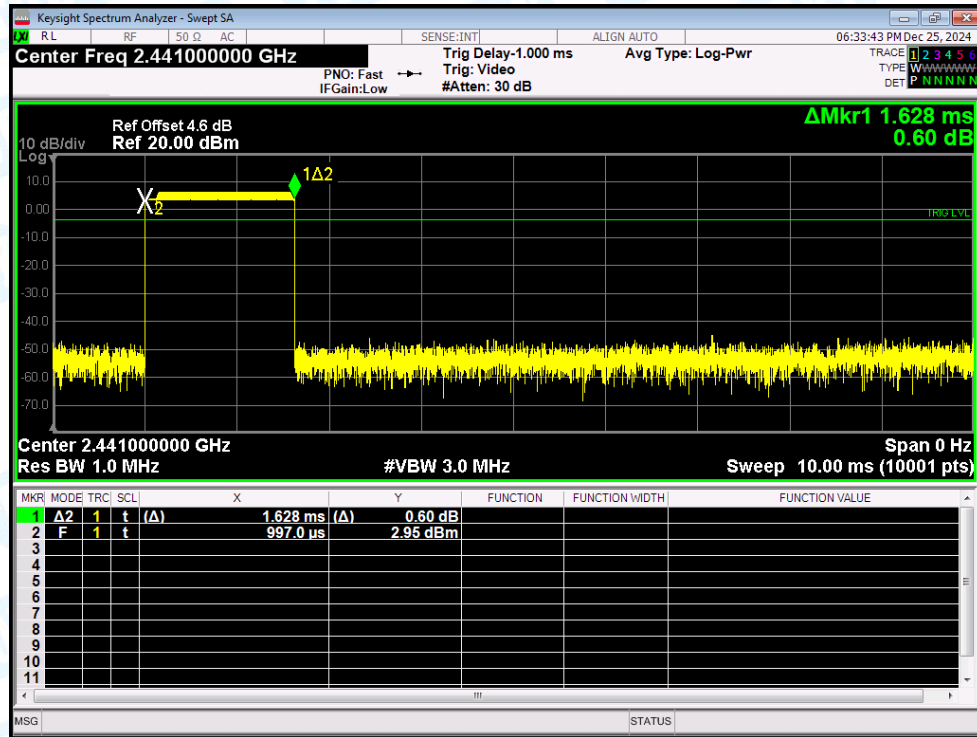
Dwell NVNT 2-DH5 2441MHz Ant1

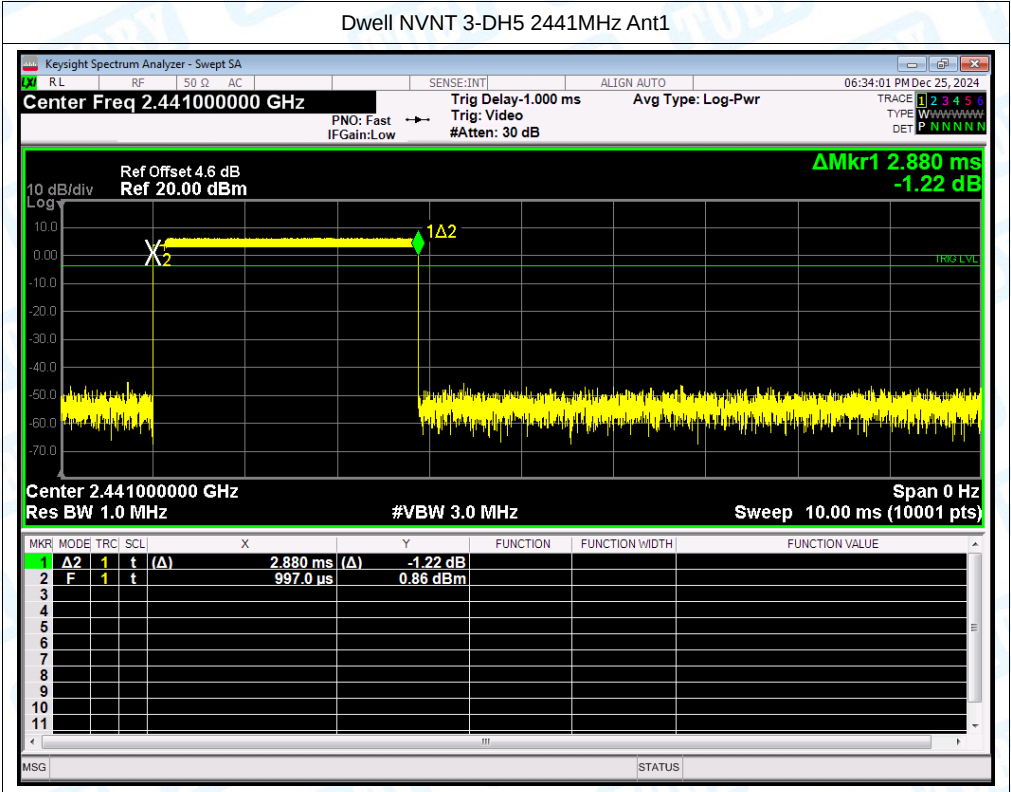


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





--- END OF REPORT ---