

# RF Test Data for Bluetooth (Conducted Measurements)

| General Description of EUT                                                                                                                  |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Product Name:                                                                                                                               | Wireless Headset       |
| Test Model:                                                                                                                                 | P959                   |
| Sample ID:                                                                                                                                  | HC-C-202406-0170-01-01 |
| Environmental Conditions                                                                                                                    |                        |
| Temperature:                                                                                                                                | 24.6℃                  |
| Relative Humidity:                                                                                                                          | 52.6%                  |
| Test Voltage:                                                                                                                               | DC 3.7V                |
| Test Engineer:                                                                                                                              | Mike Yan               |
| Note: For a more detailed features description, please refer to the report TBR-C-202406-0170-3<br>The report only show the worst case data. |                        |

## Contents

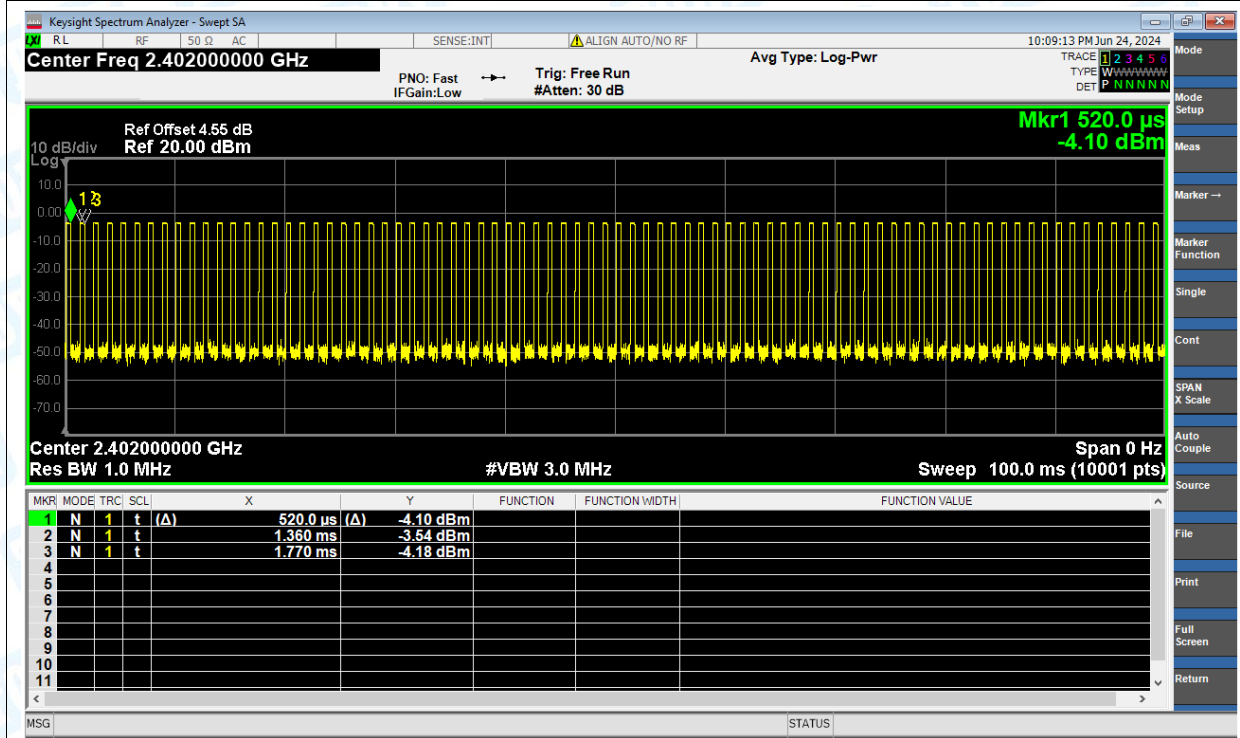
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1. Duty Cycle

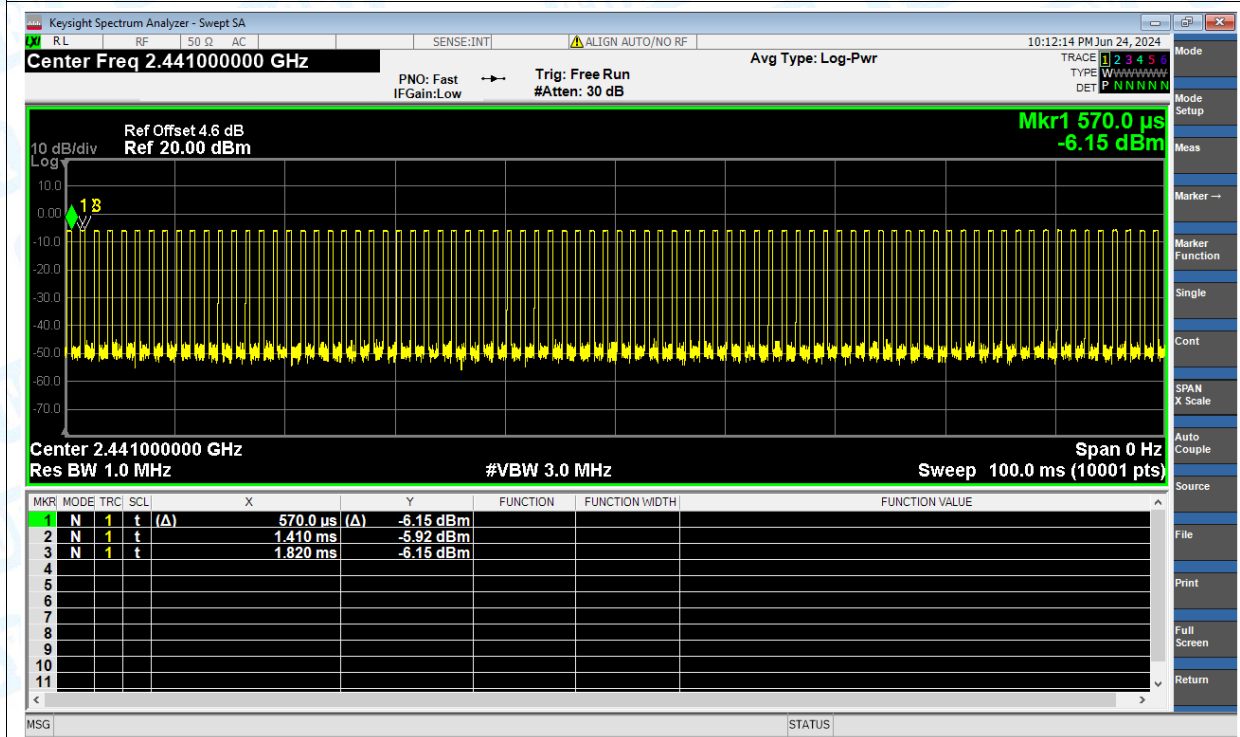
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 1-DH1 | 2441            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 1-DH1 | 2480            | Ant1    | 32.8           | 4.84                   | 2.44      |
| NVNT      | 2-DH1 | 2402            | Ant1    | 34.4           | 4.63                   | 2.33      |
| NVNT      | 2-DH1 | 2441            | Ant1    | 33.6           | 4.74                   | 2.38      |
| NVNT      | 2-DH1 | 2480            | Ant1    | 34.4           | 4.63                   | 2.33      |
| NVNT      | 3-DH1 | 2402            | Ant1    | 34.4           | 4.63                   | 2.33      |
| NVNT      | 3-DH1 | 2441            | Ant1    | 33.6           | 4.74                   | 2.38      |
| NVNT      | 3-DH1 | 2480            | Ant1    | 33.6           | 4.74                   | 2.38      |

## Test Graphs

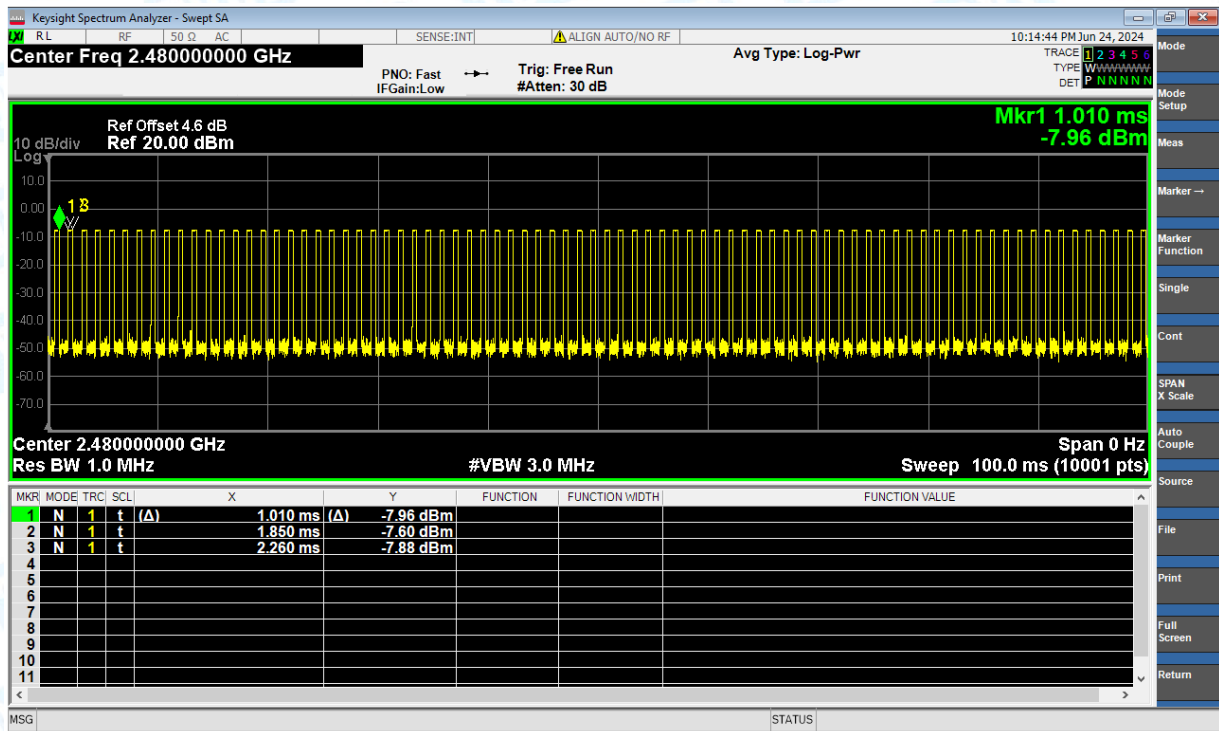
### Duty Cycle NVNT 1-DH1 2402MHz Ant1



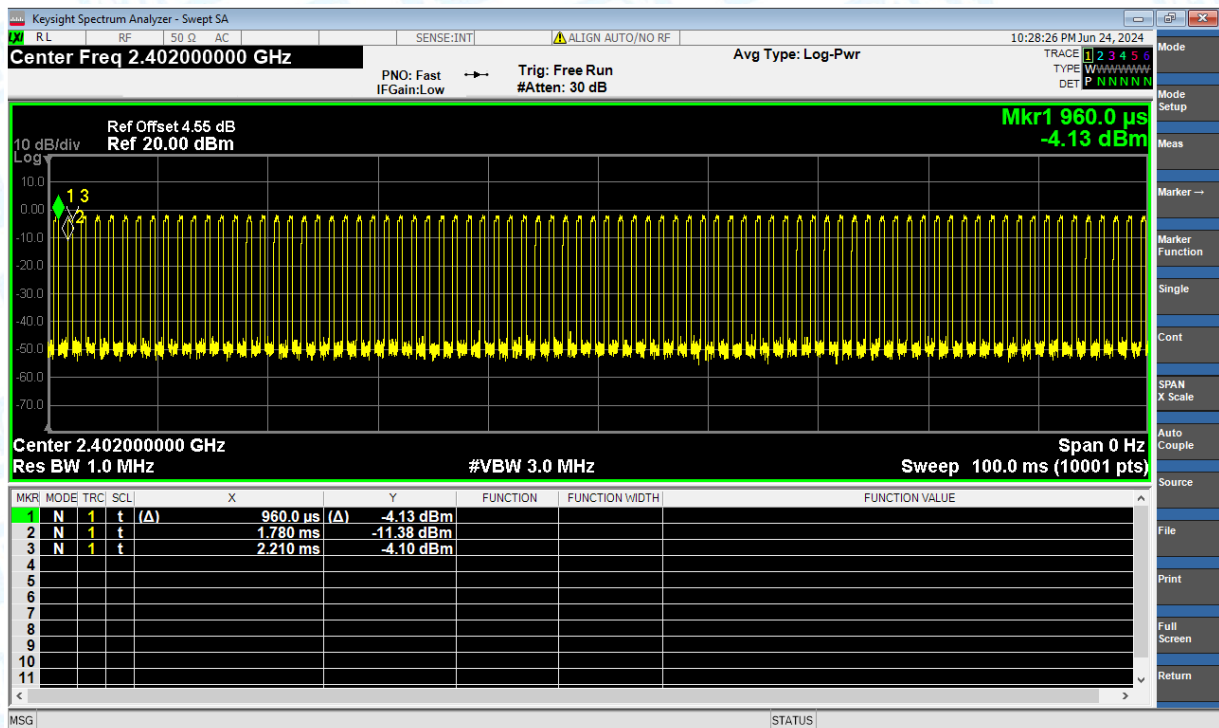
### Duty Cycle NVNT 1-DH1 2441MHz Ant1



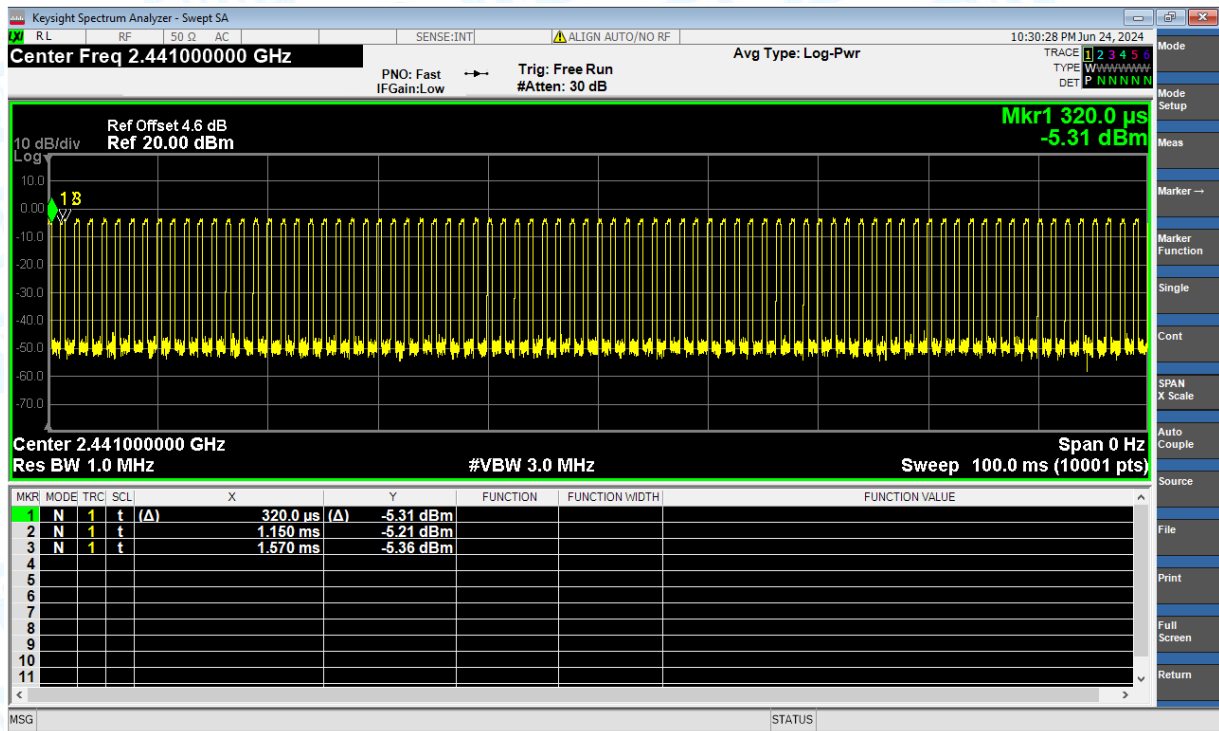
### Duty Cycle NVNT 1-DH1 2480MHz Ant1



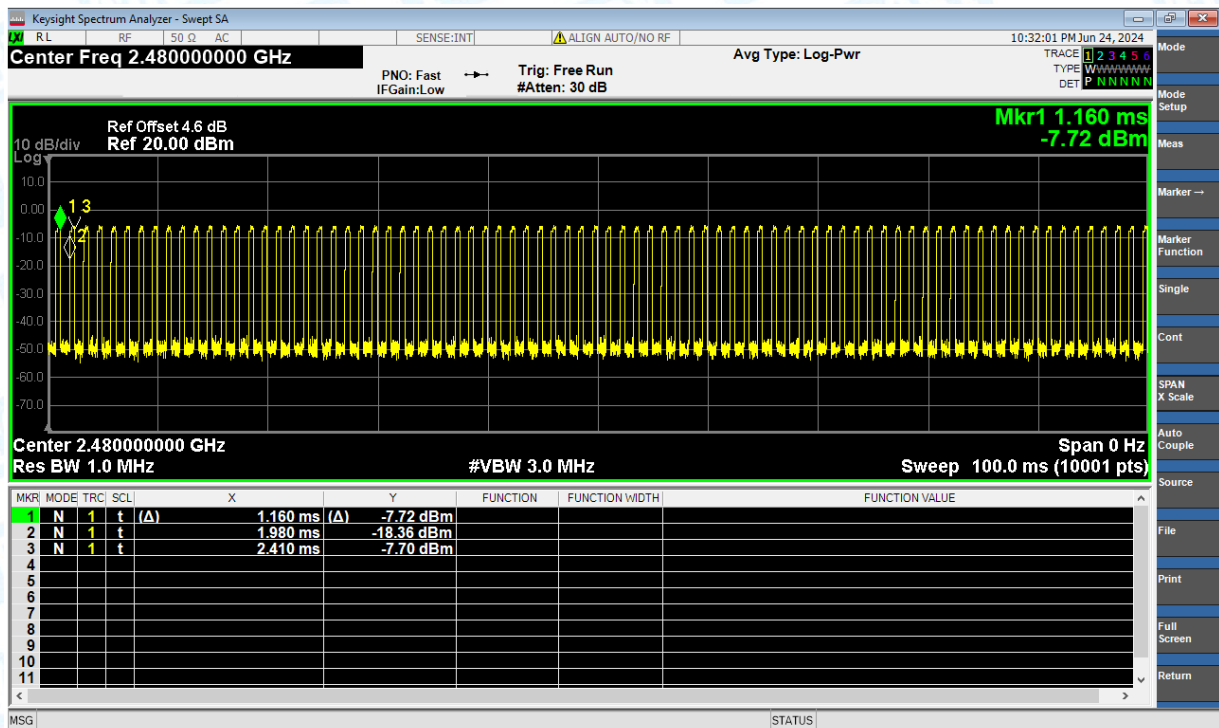
### Duty Cycle NVNT 2-DH1 2402MHz Ant1



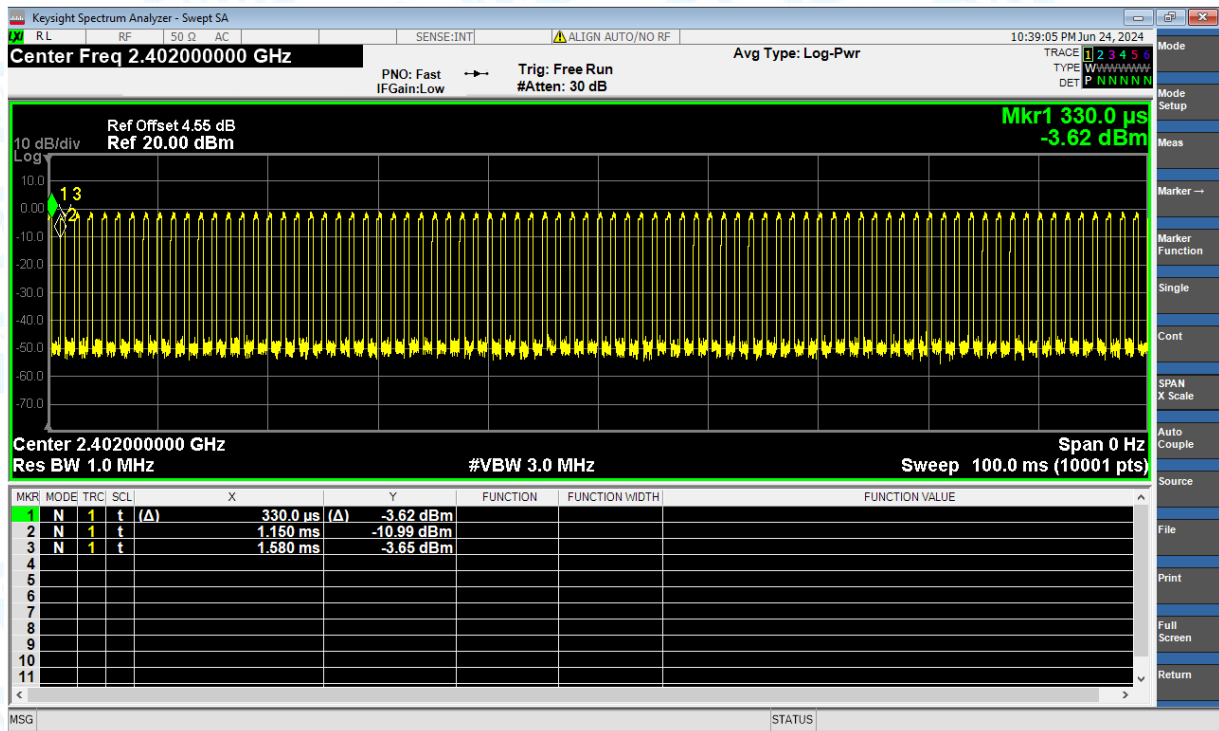
### Duty Cycle NVNT 2-DH1 2441MHz Ant1



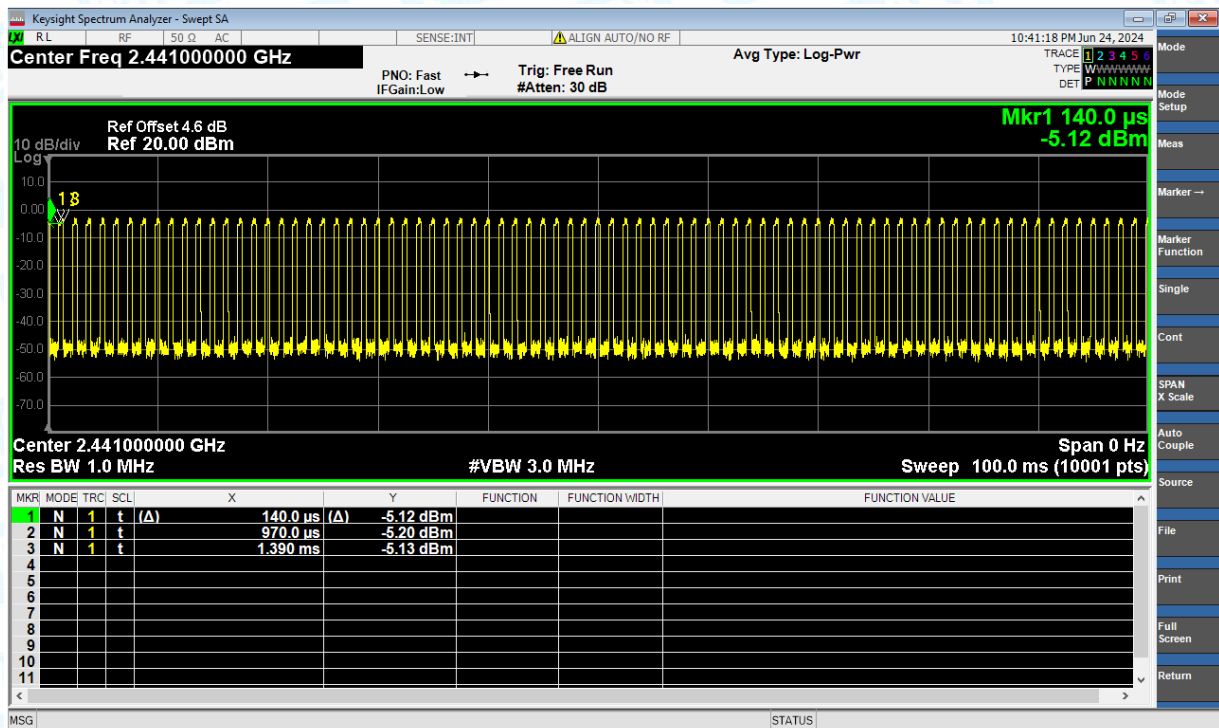
### Duty Cycle NVNT 2-DH1 2480MHz Ant1

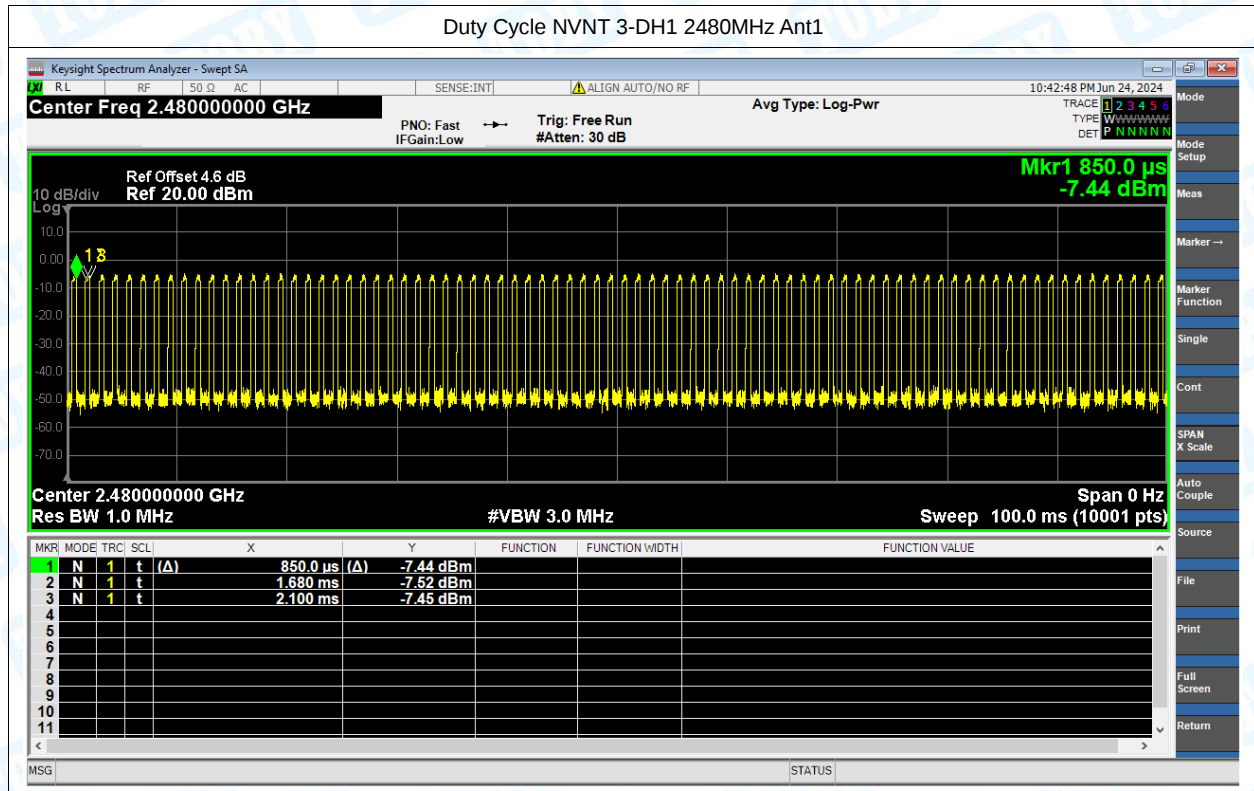


### Duty Cycle NVNT 3-DH1 2402MHz Ant1



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



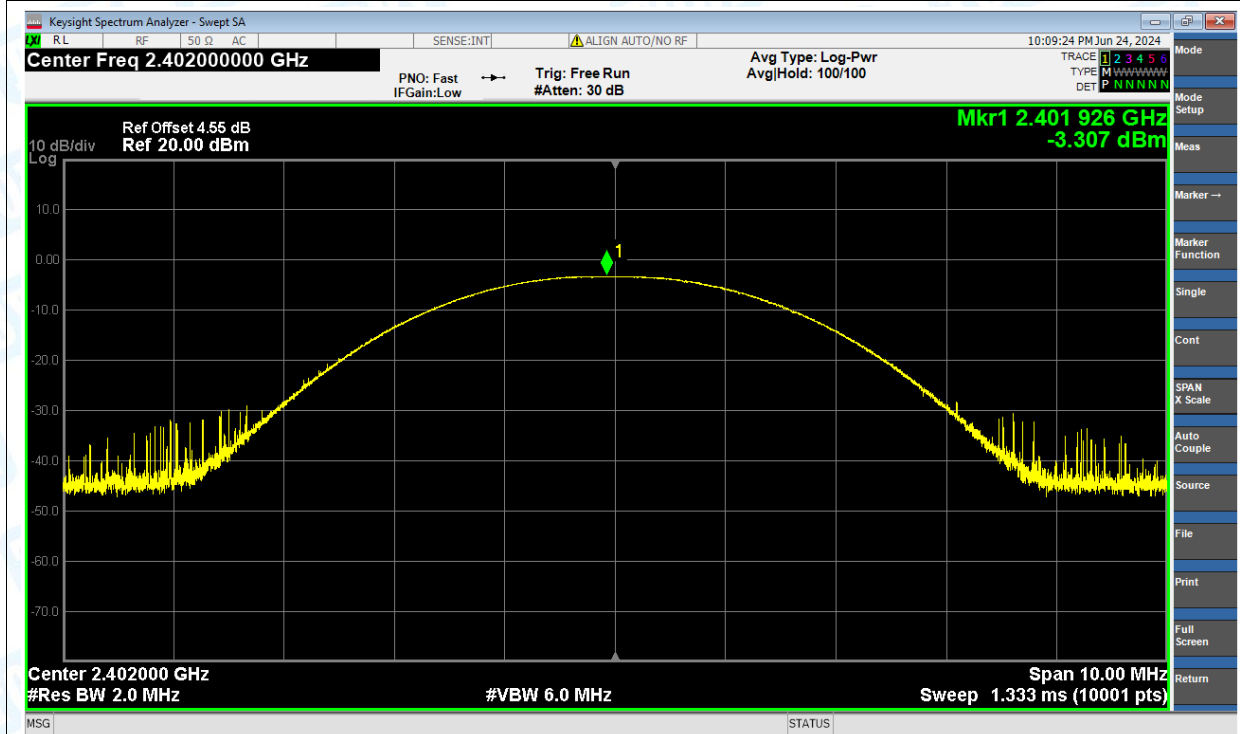


## 2. Maximum Conducted Output Power

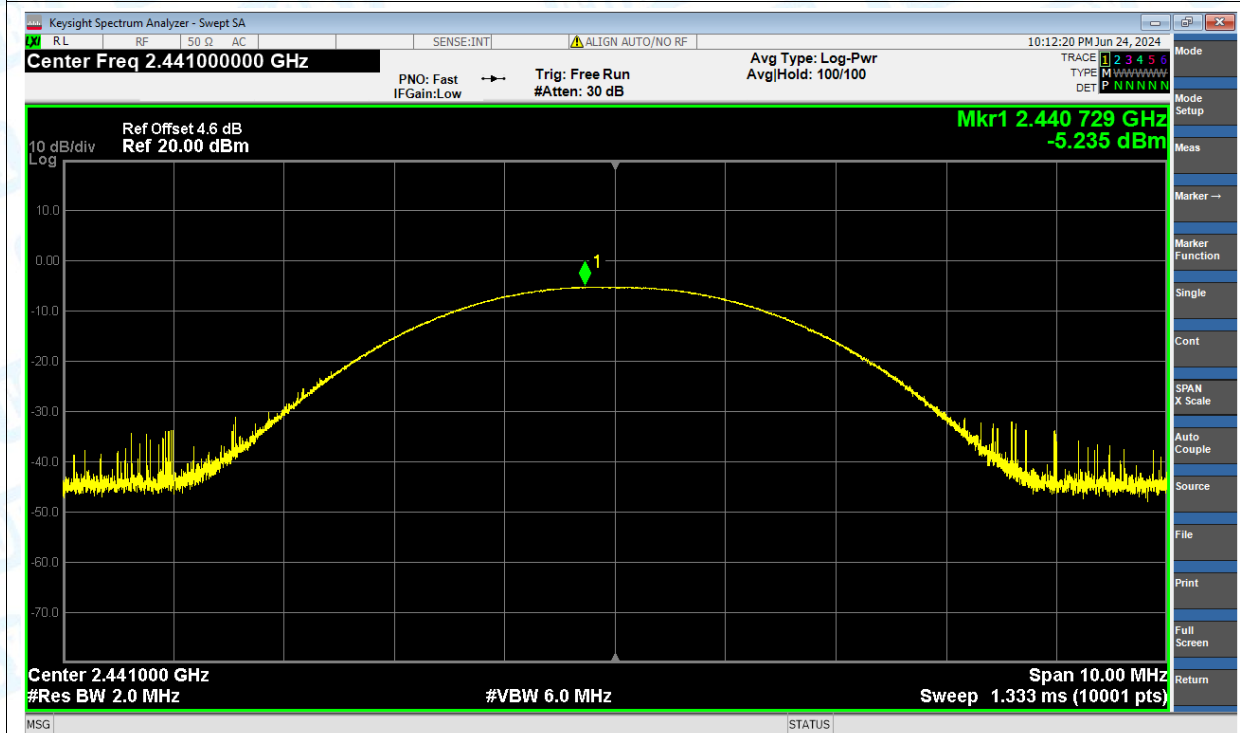
| Condition | Mode  | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -3.307            | 20.6        | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -5.235            | 20.6        | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -7.366            | 20.6        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | -5                | 20.6        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -5.053            | 20.6        | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -1.493            | 20.6        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -2.92             | 20.6        | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -5.253            | 20.6        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | -2.913            | 20.6        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -2.996            | 20.6        | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -0.665            | 20.6        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -2.162            | 20.6        | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -4.475            | 20.6        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | -2.284            | 20.6        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -2.353            | 20.6        | Pass    |

# Test Graphs

## Power NVNT 1-DH1 2402MHz Ant1



## Power NVNT 1-DH1 2441MHz Ant1



Power NVNT 1-DH1 2480MHz Ant1



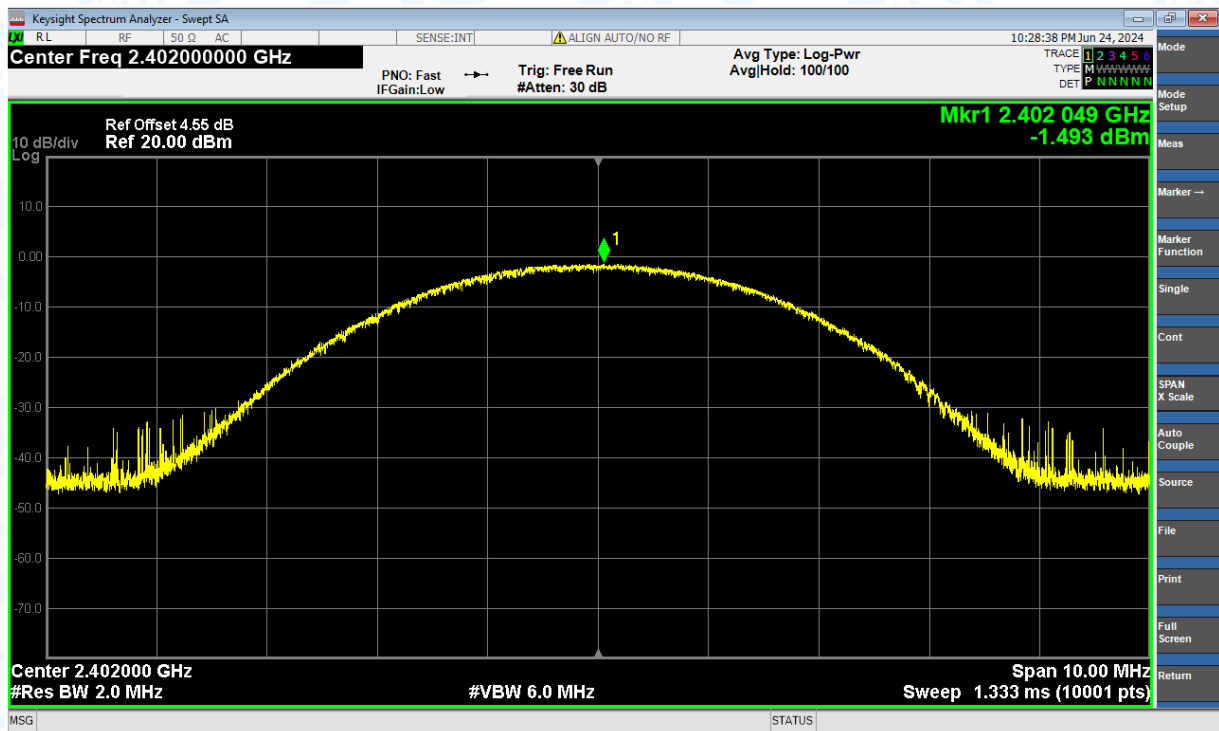
Power NVNT 1-DH3 2441MHz Ant1



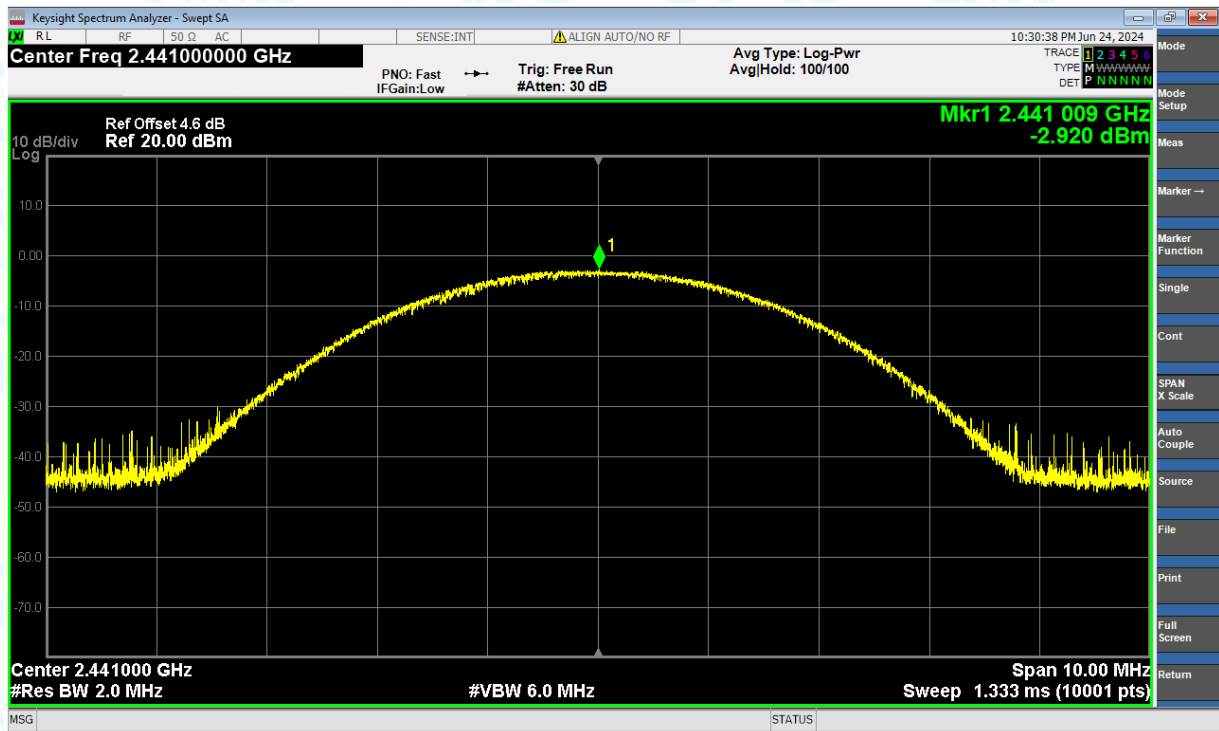
Power NVNT 1-DH5 2441MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1



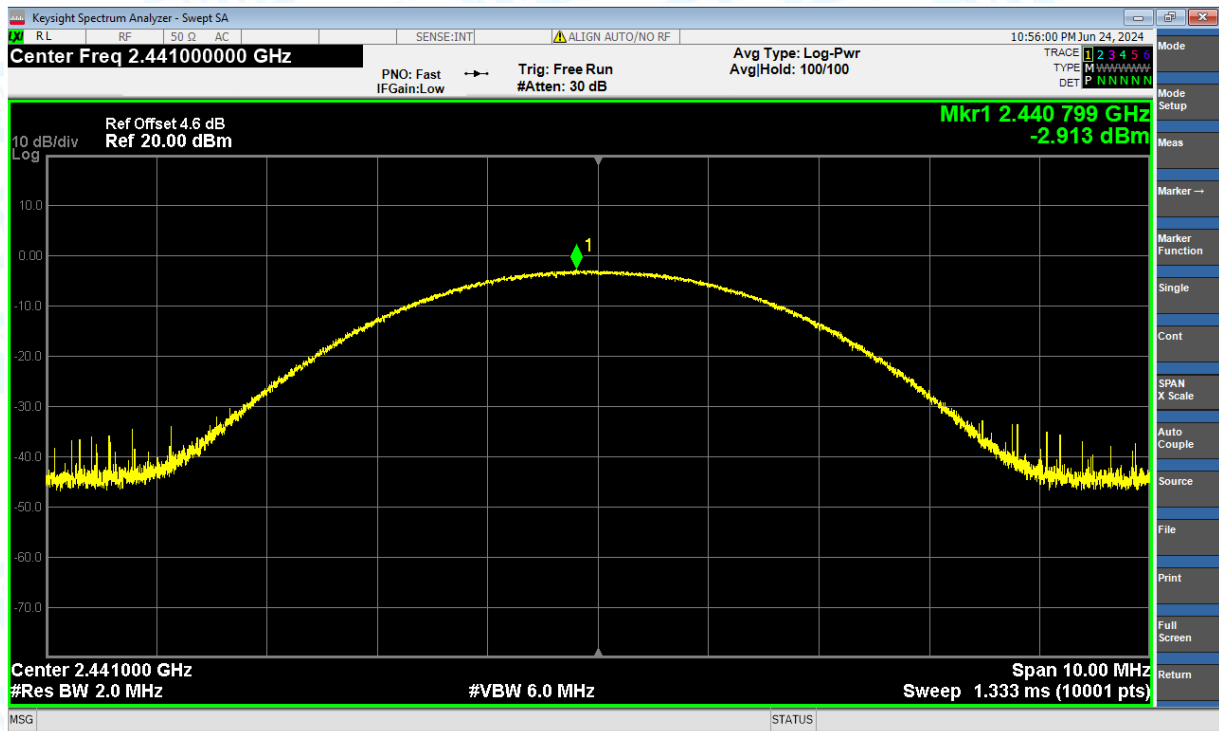
Power NVNT 2-DH1 2441MHz Ant1



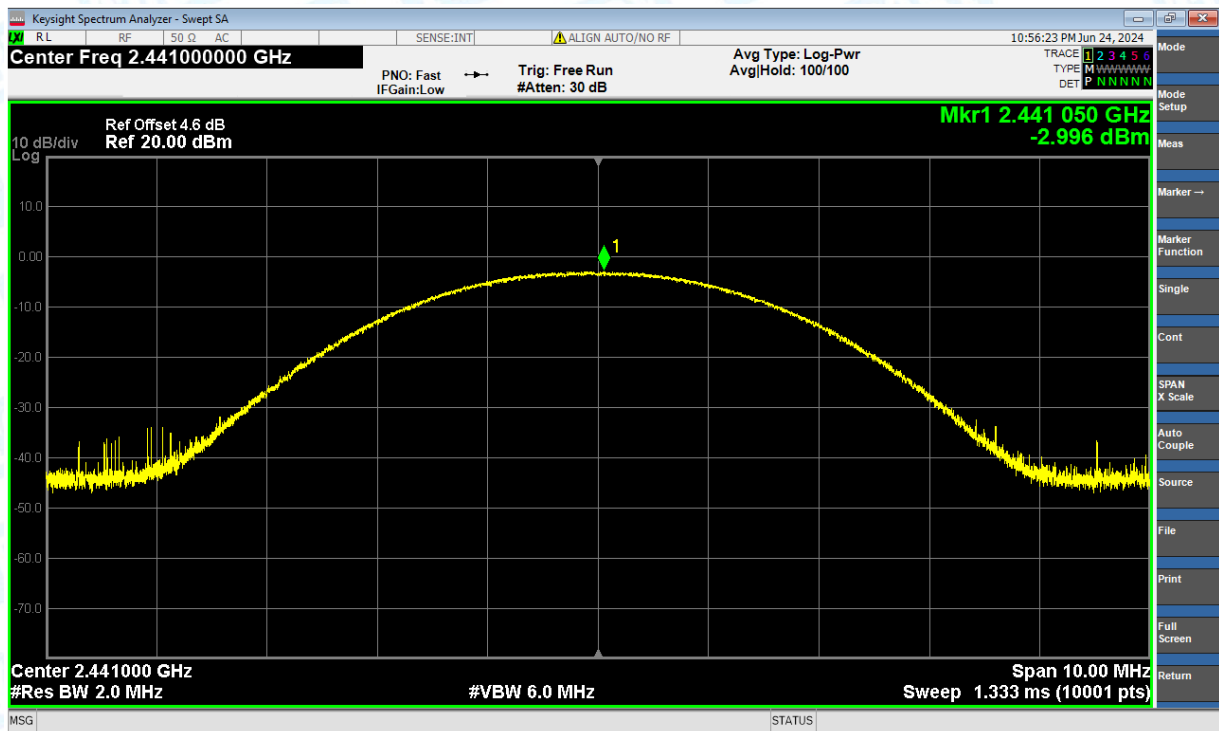
Power NVNT 2-DH1 2480MHz Ant1



Power NVNT 2-DH3 2441MHz Ant1



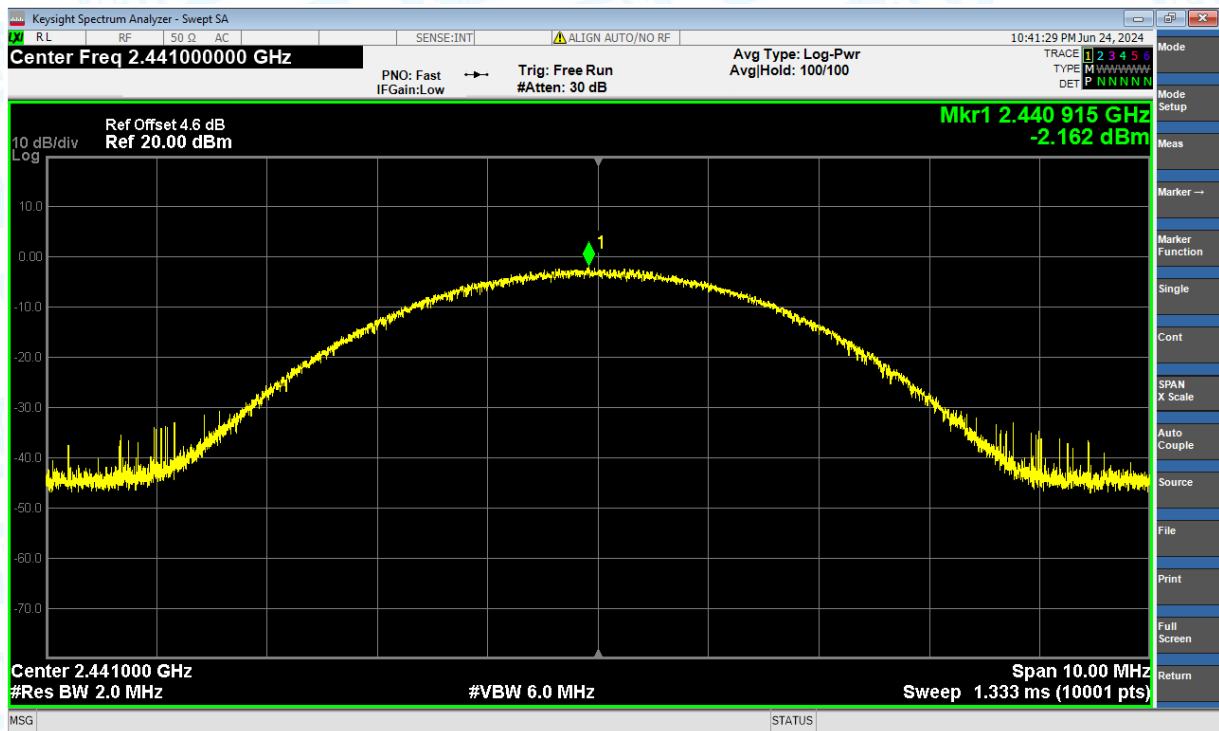
Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 3-DH1 2402MHz Ant1



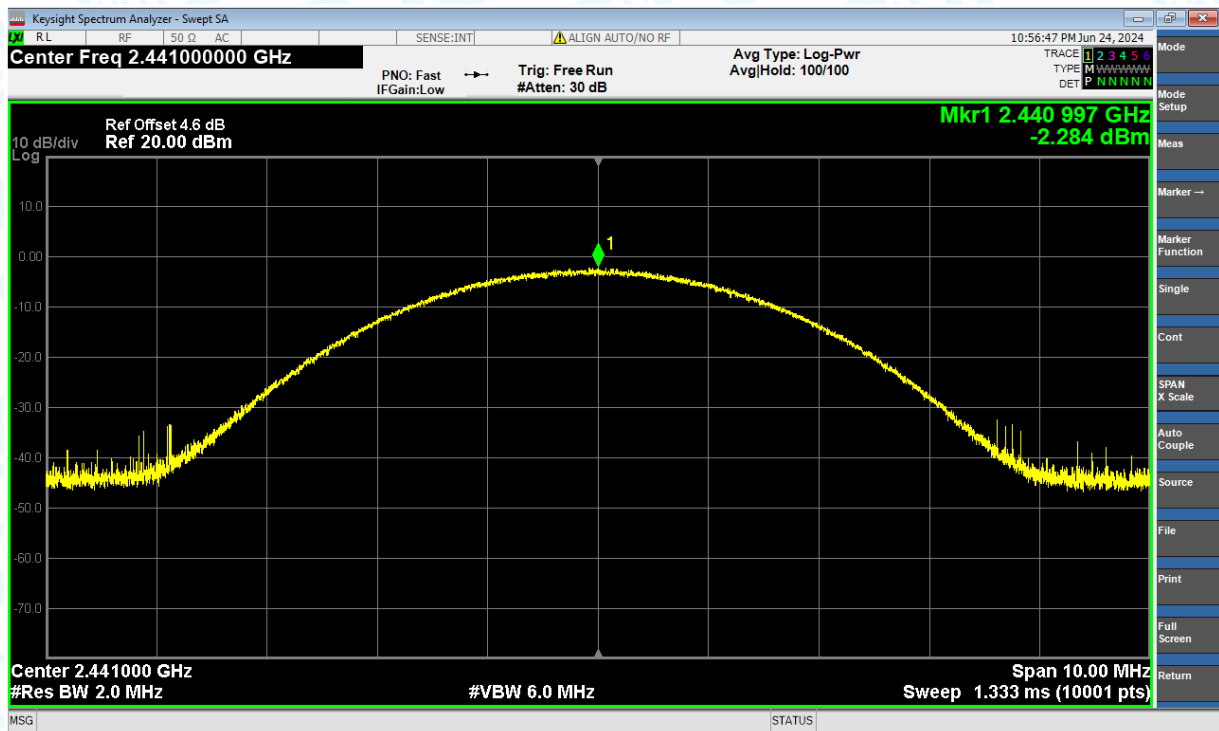
Power NVNT 3-DH1 2441MHz Ant1

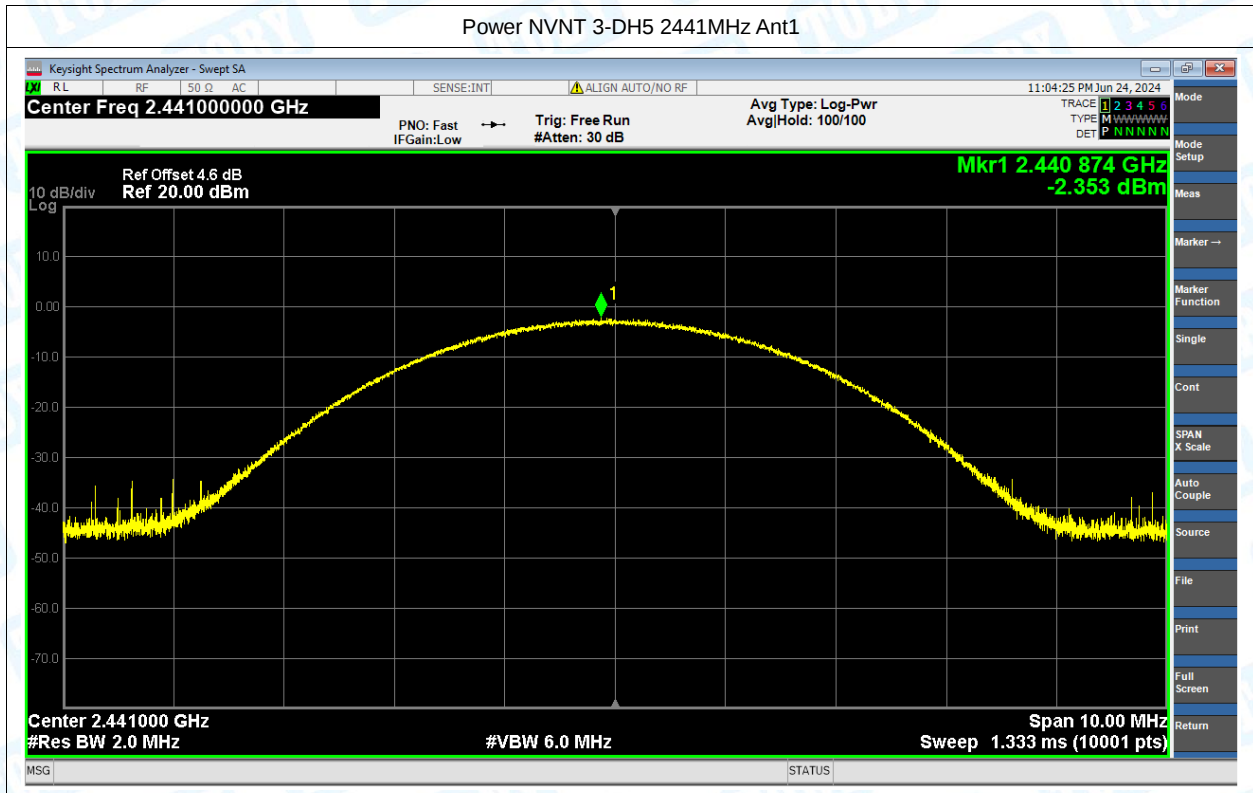


Power NVNT 3-DH1 2480MHz Ant1



Power NVNT 3-DH3 2441MHz Ant1



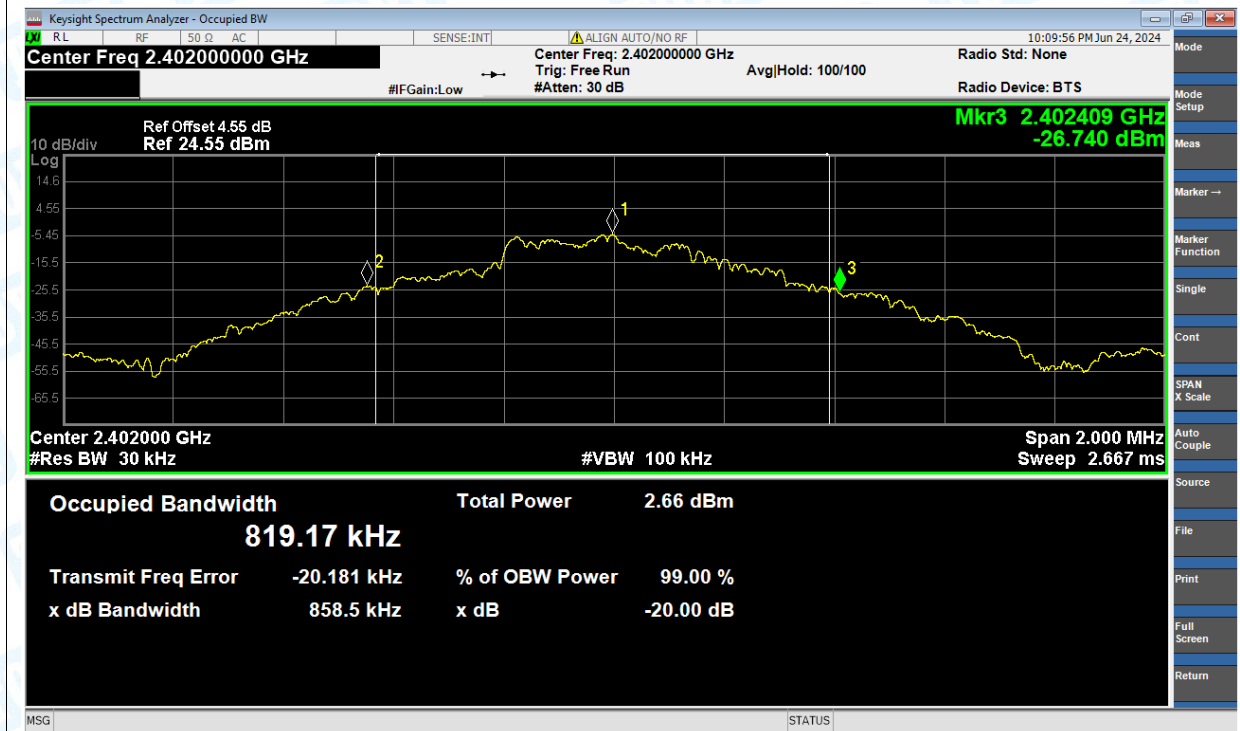


### 3. -20dB Bandwidth

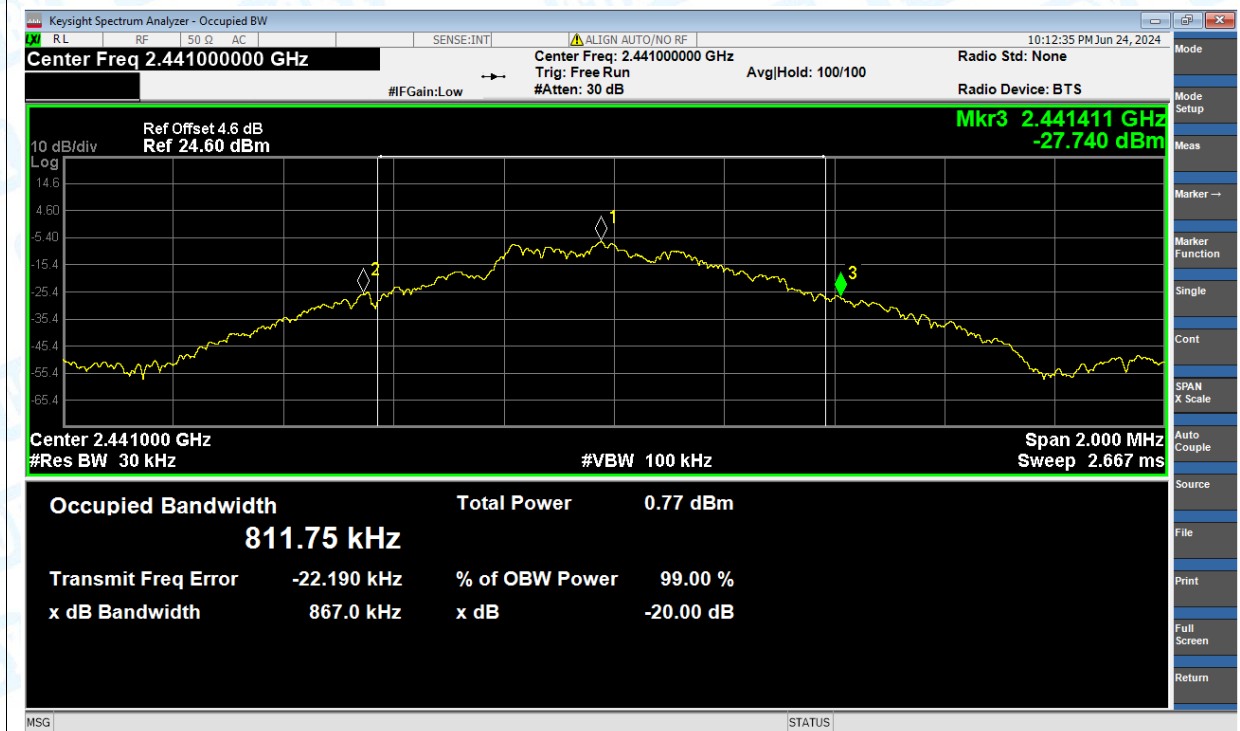
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.86                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.87                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.77                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.25                   | 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    | 1.21                   | 0                            | Pass    |

### Test Graphs

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



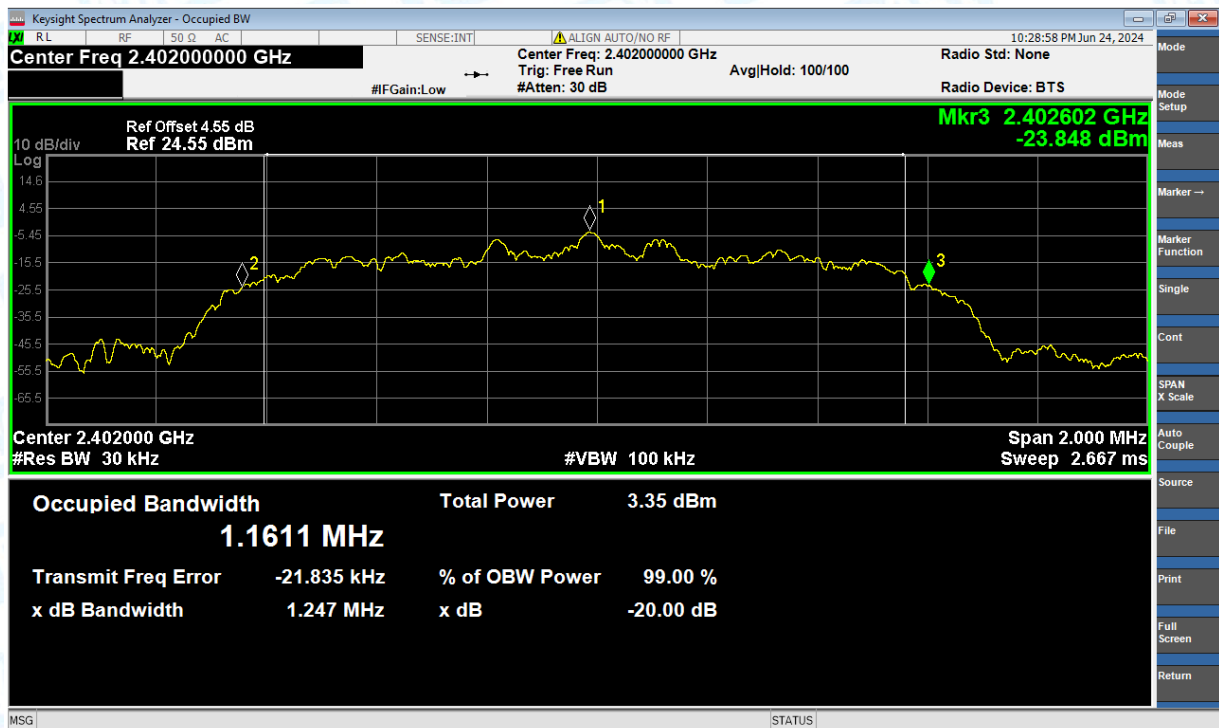
#### -20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



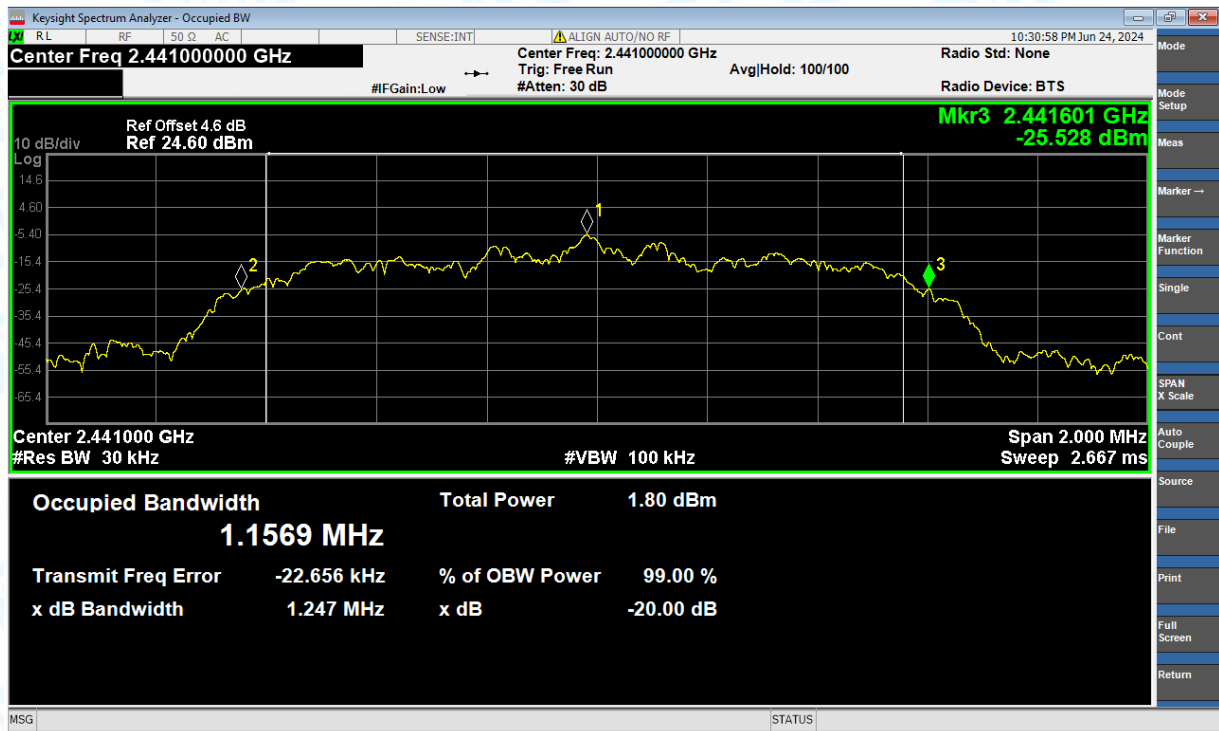
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



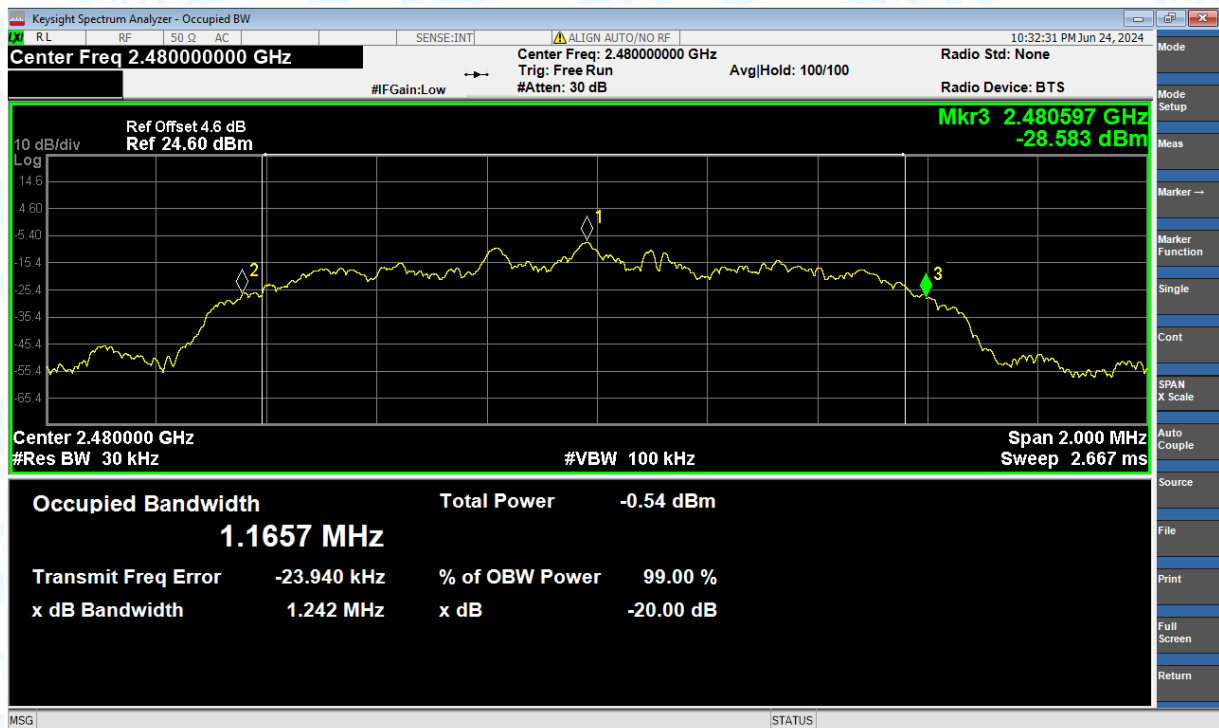
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



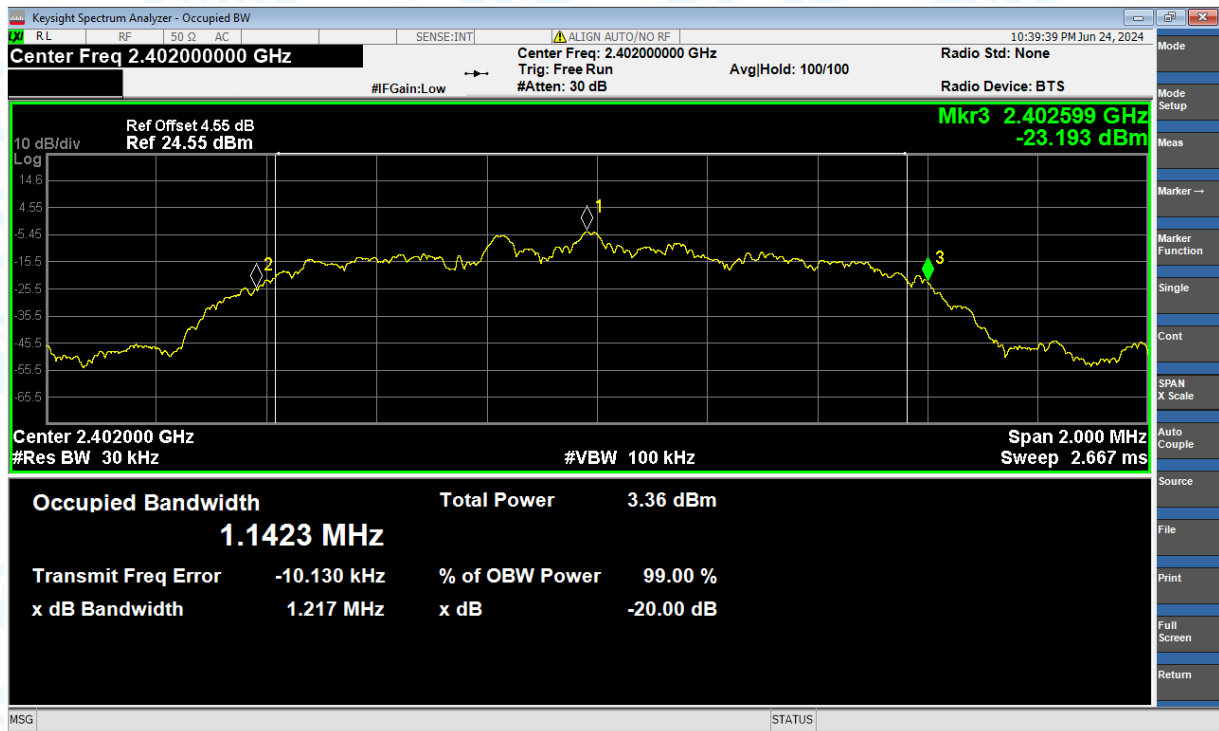
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



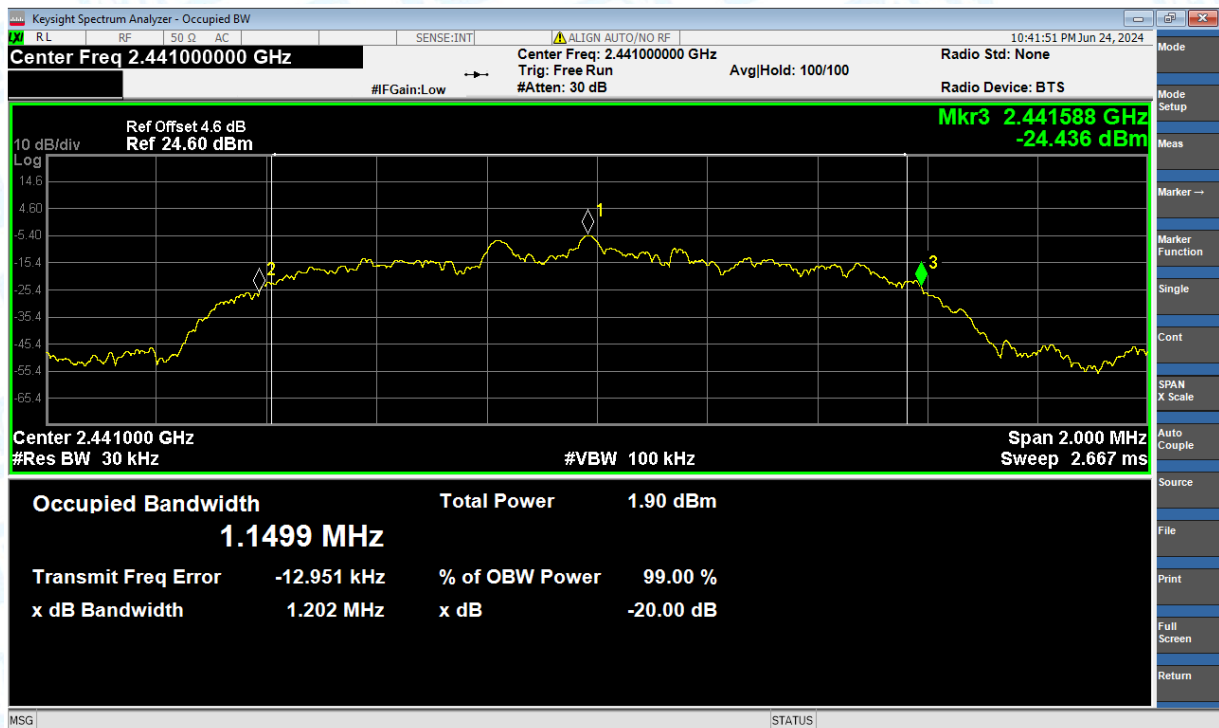
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

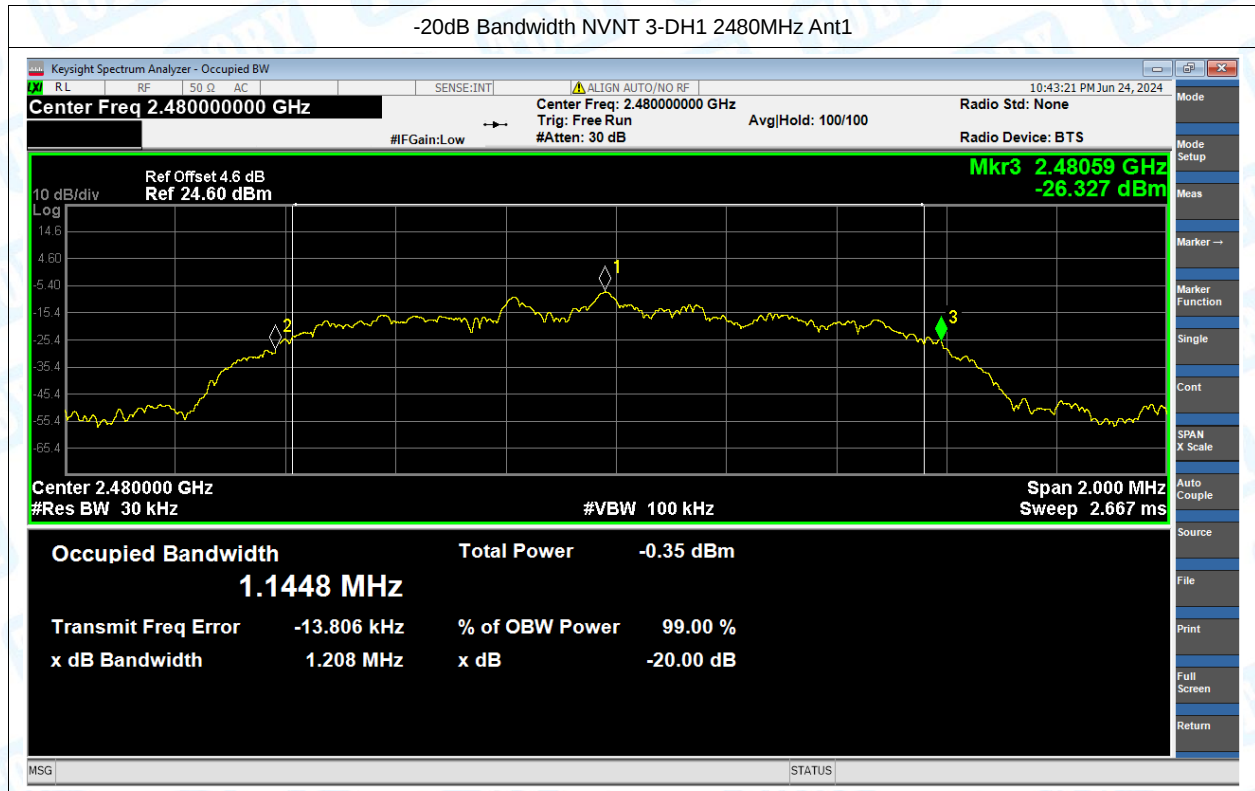


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



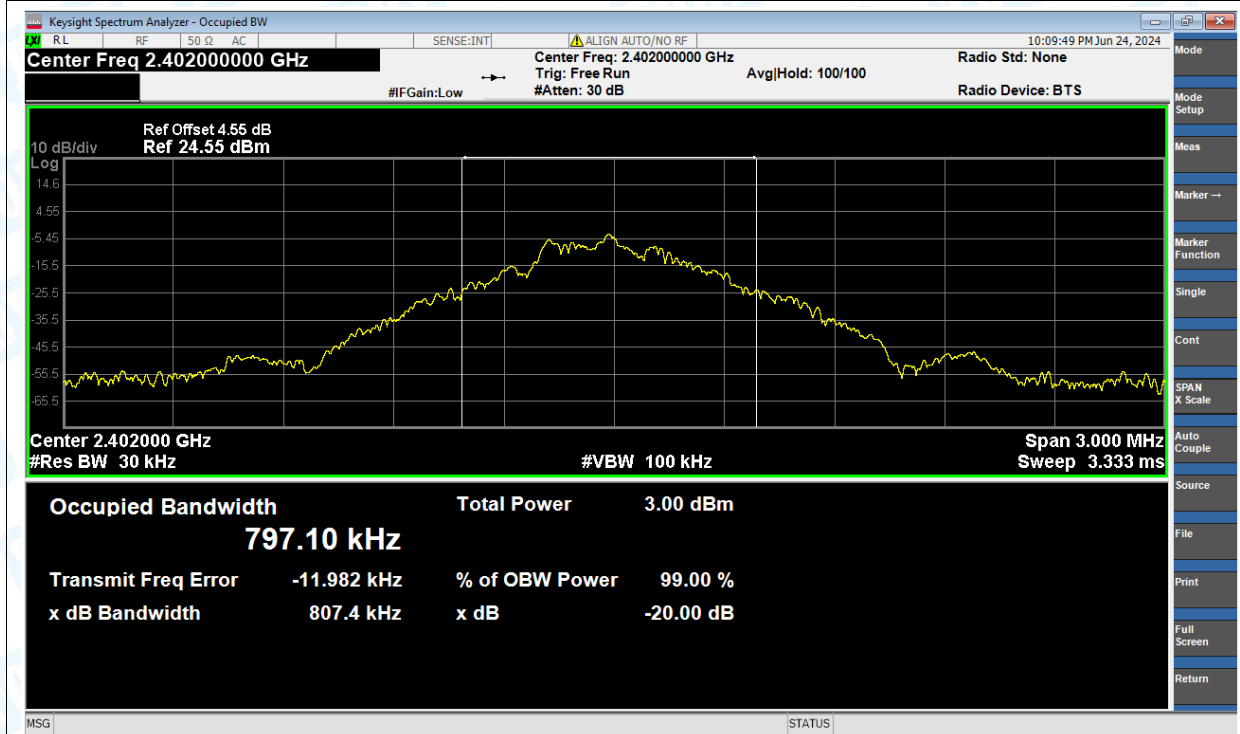


## 4. Occupied Channel Bandwidth

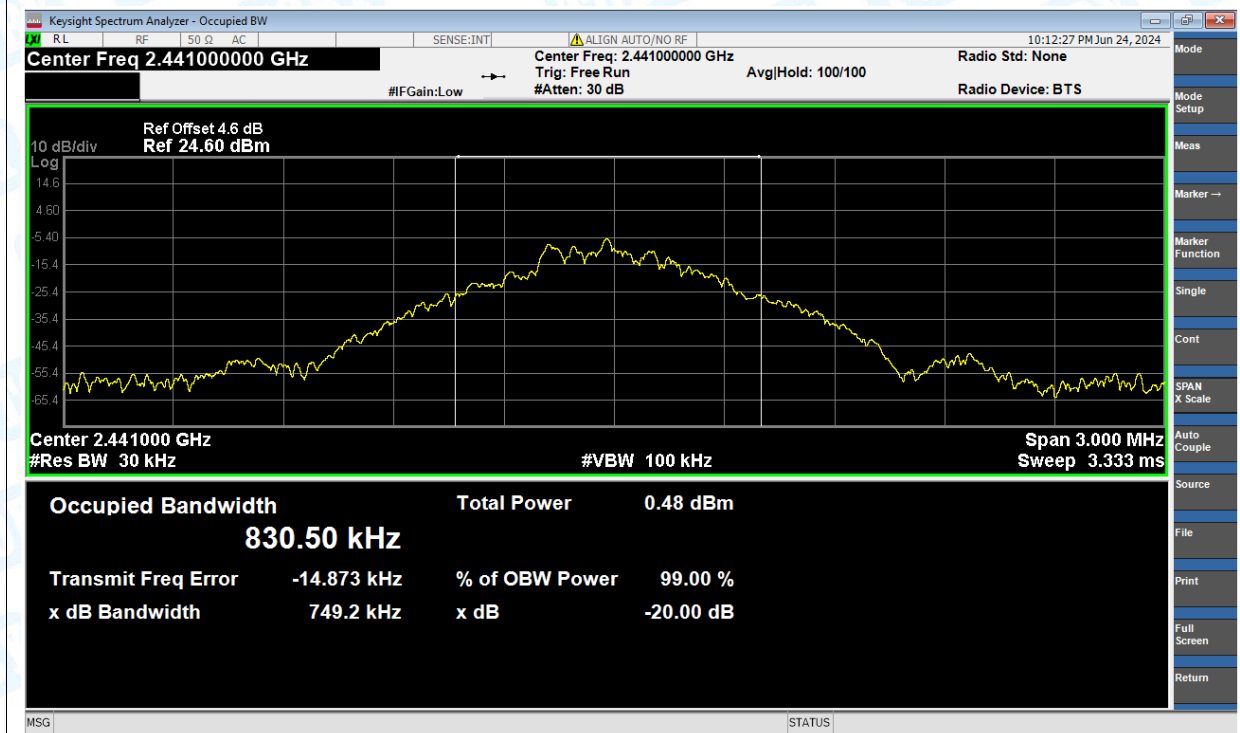
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.797         |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.83          |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.816         |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.137         |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.171         |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.163         |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.153         |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.152         |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.145         |

## Test Graphs

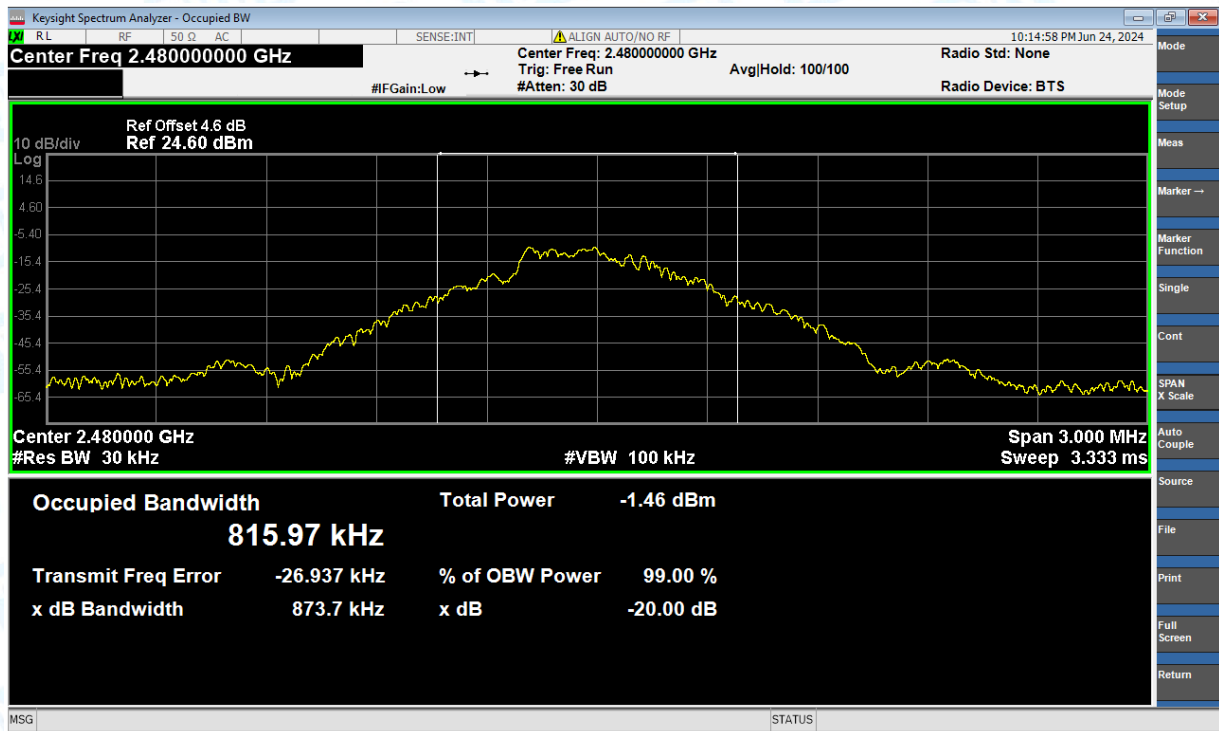
### OBW NVNT 1-DH1 2402MHz Ant1



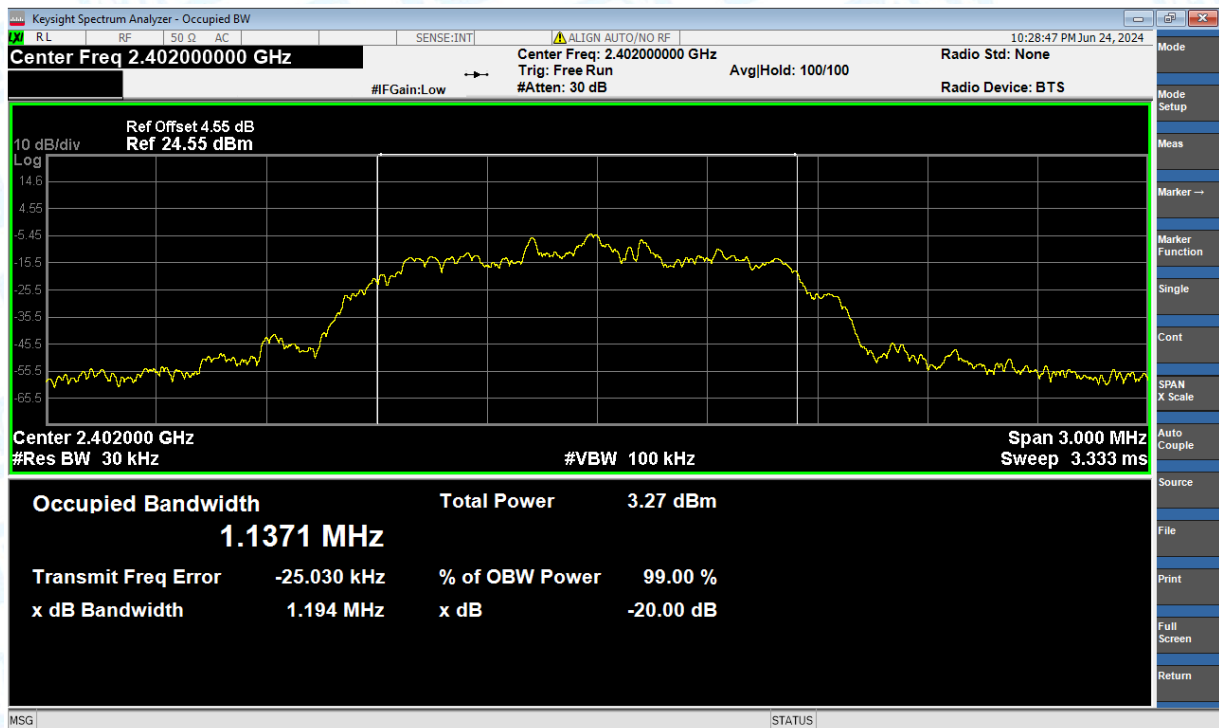
### OBW NVNT 1-DH1 2441MHz Ant1



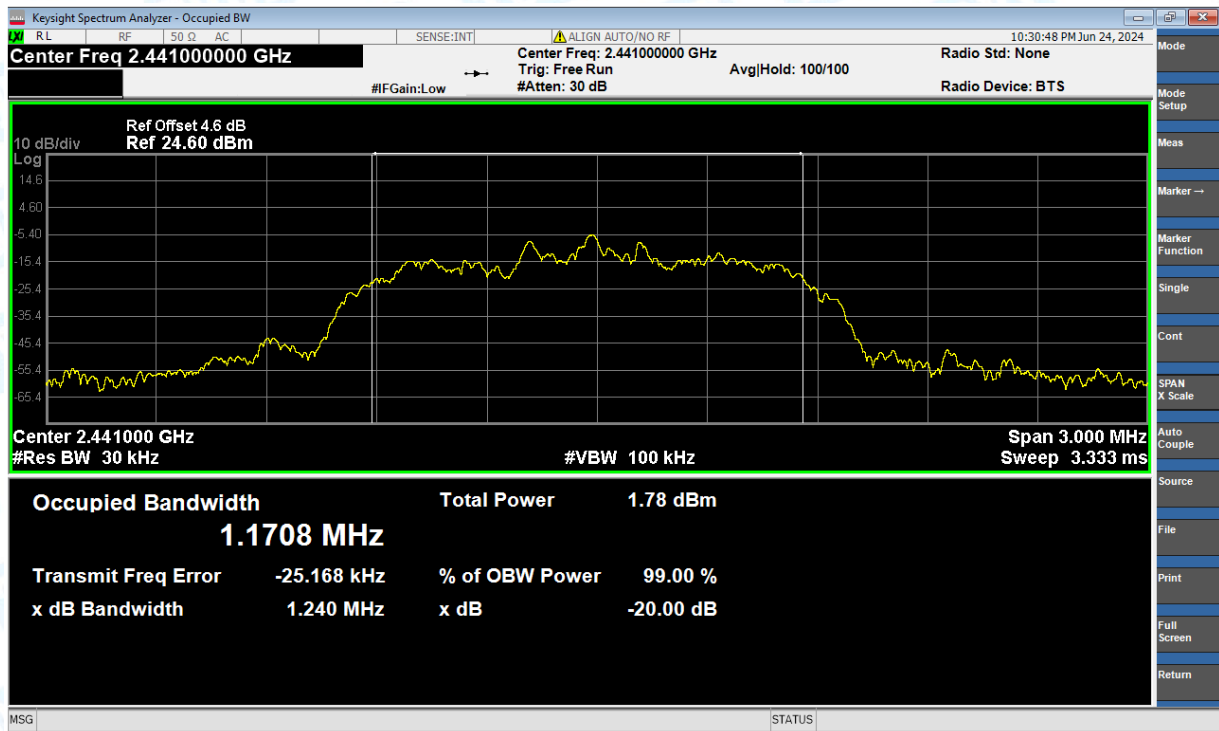
OBW NVNT 1-DH1 2480MHz Ant1



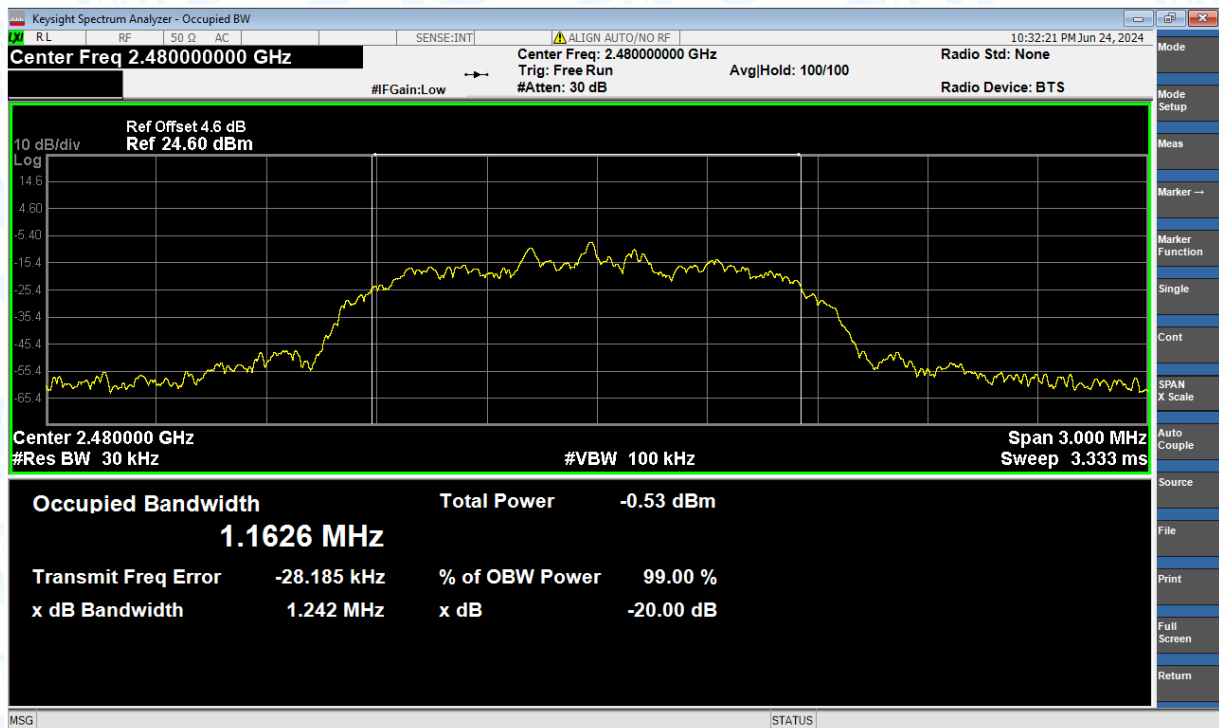
OBW NVNT 2-DH1 2402MHz Ant1



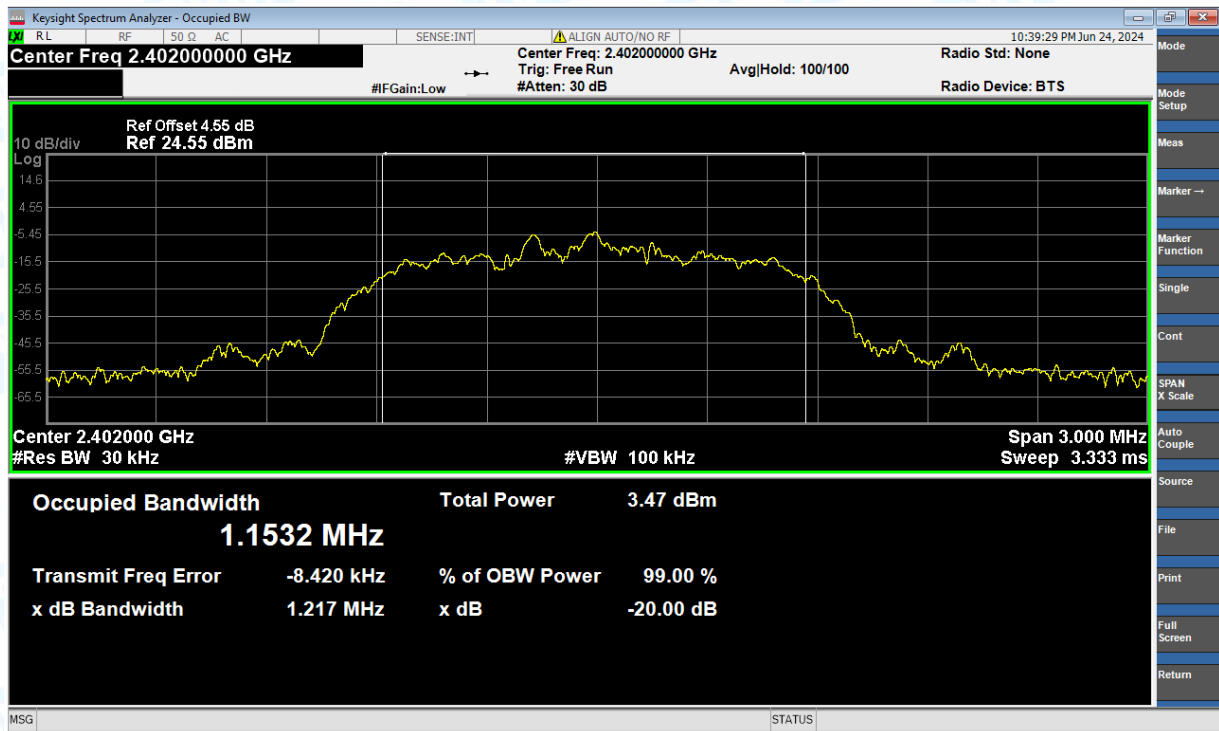
OBW NVNT 2-DH1 2441MHz Ant1



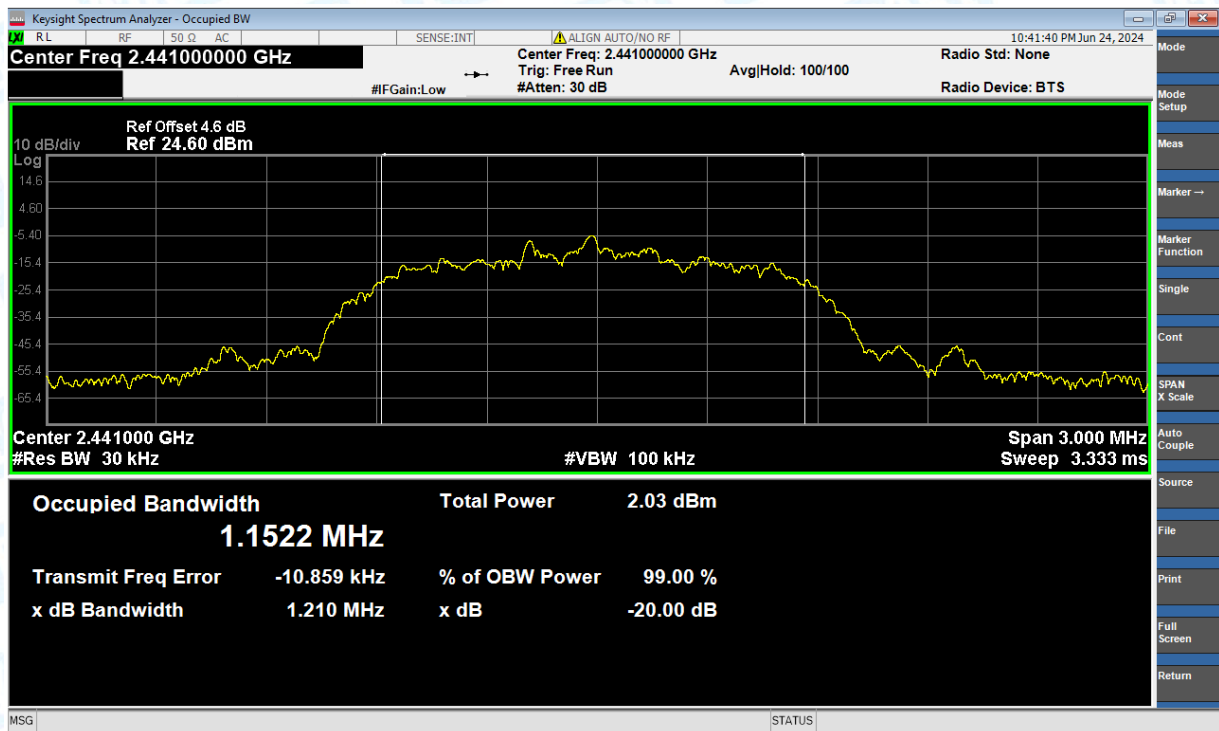
OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



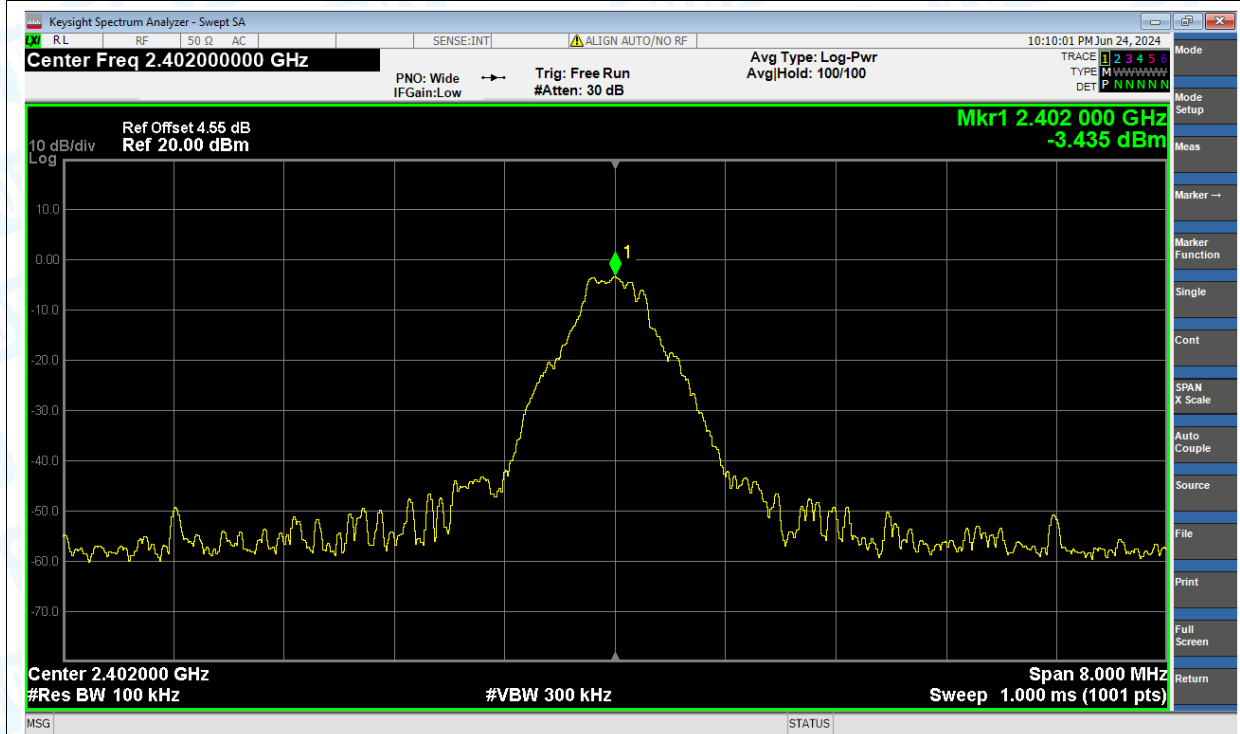


5. Band Edge

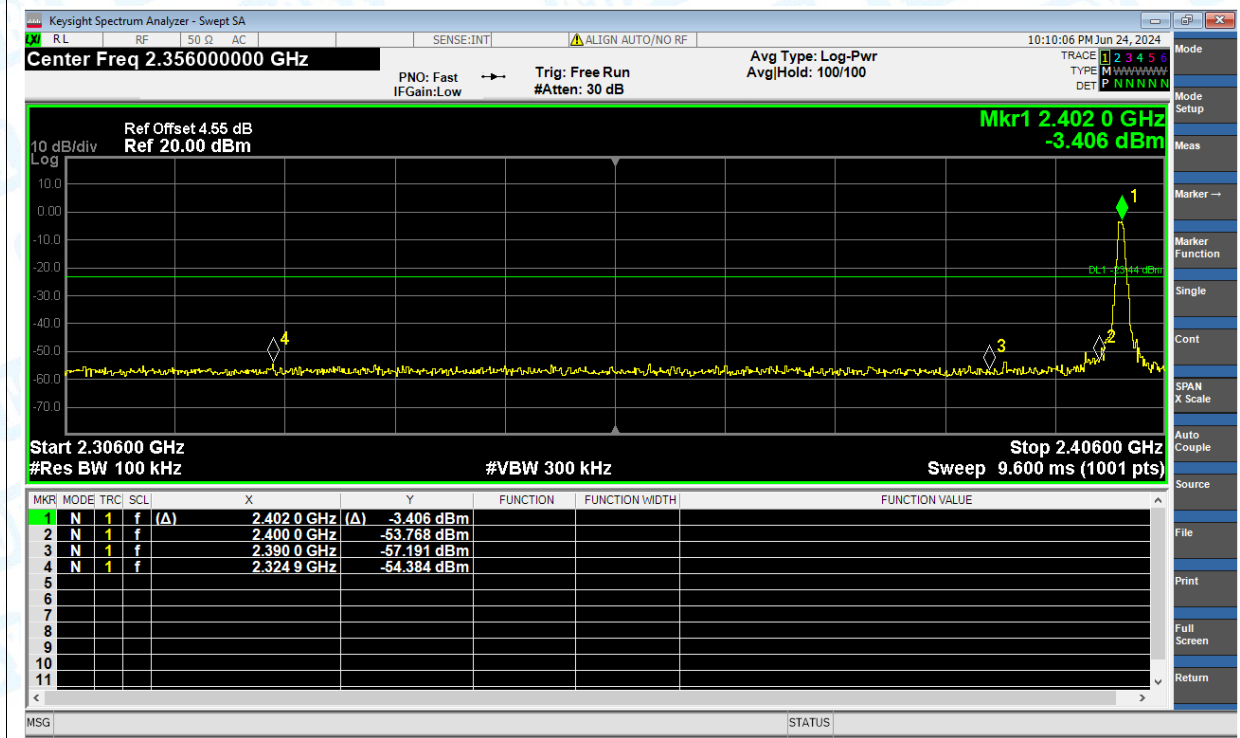
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -50.95          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -46.76          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -50.08          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -46.9           | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -50.93          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -46.91          | -20         | Pass    |

# Test Graphs

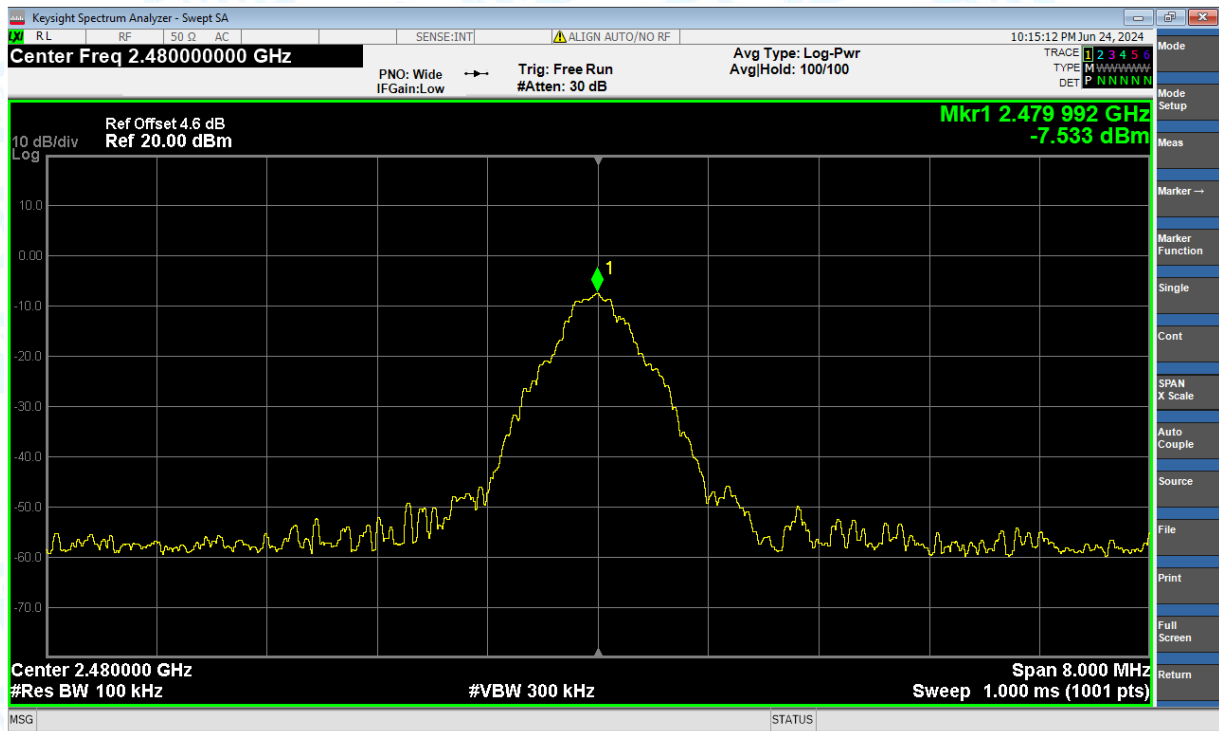
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



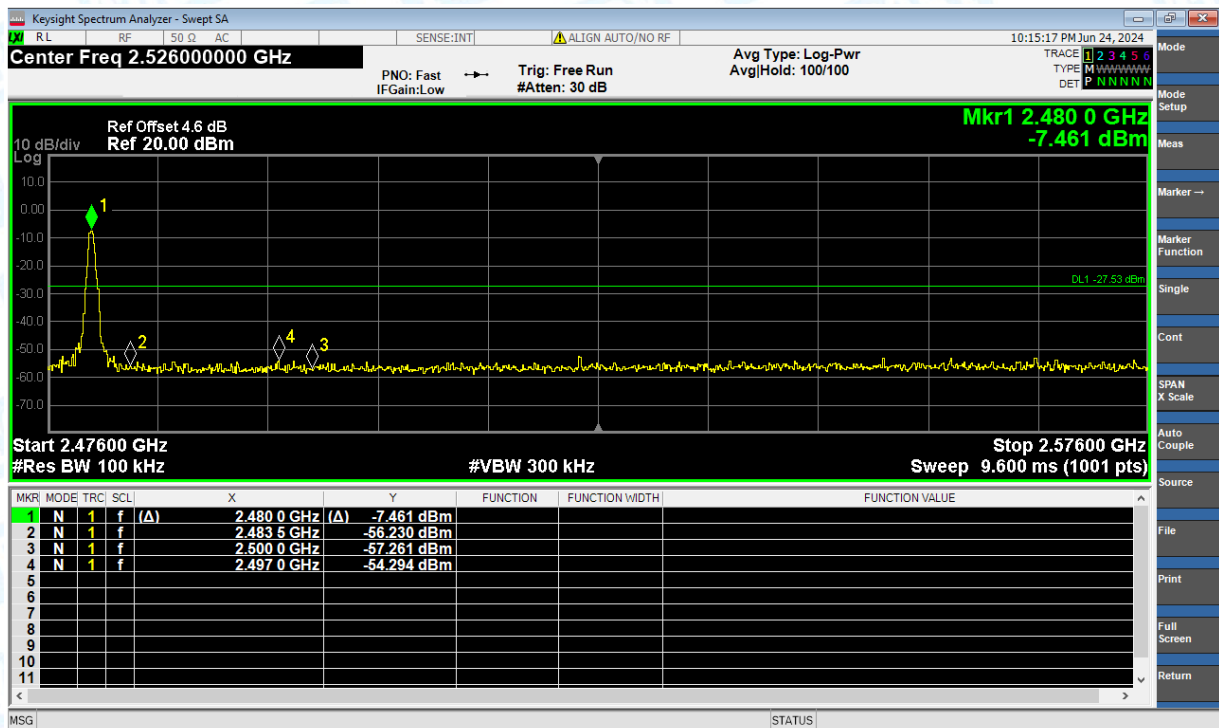
## Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



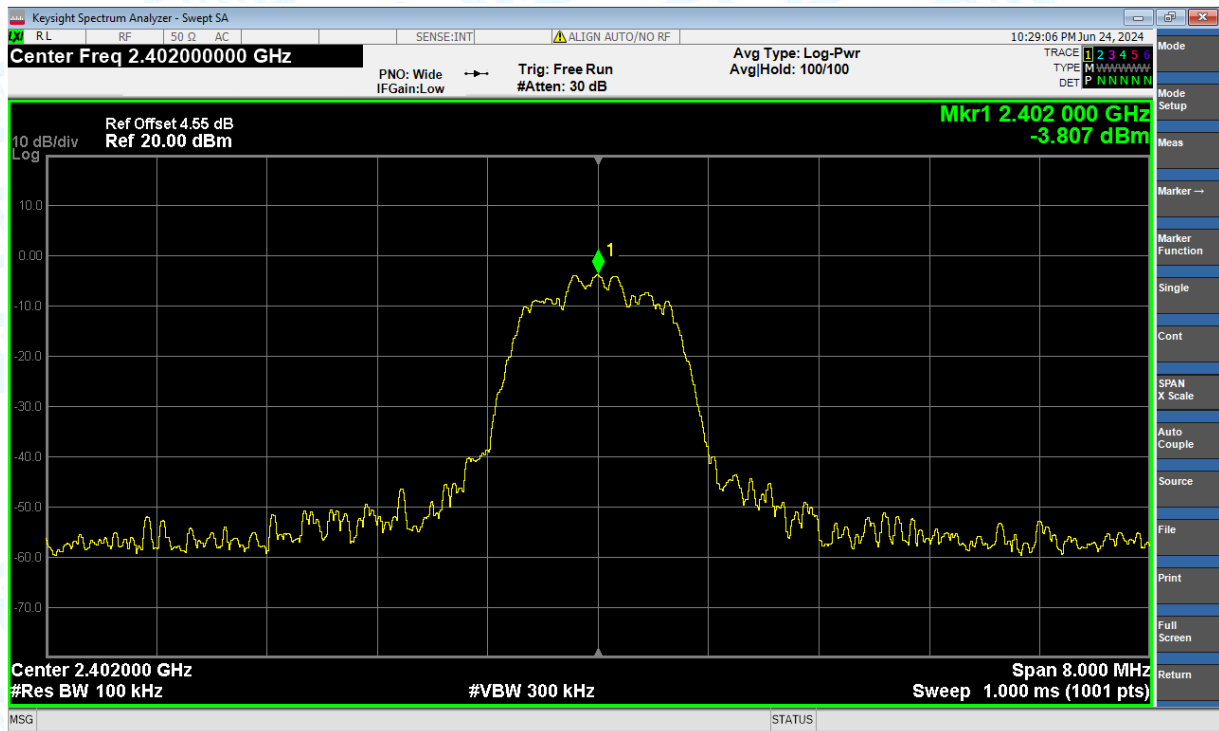
### Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



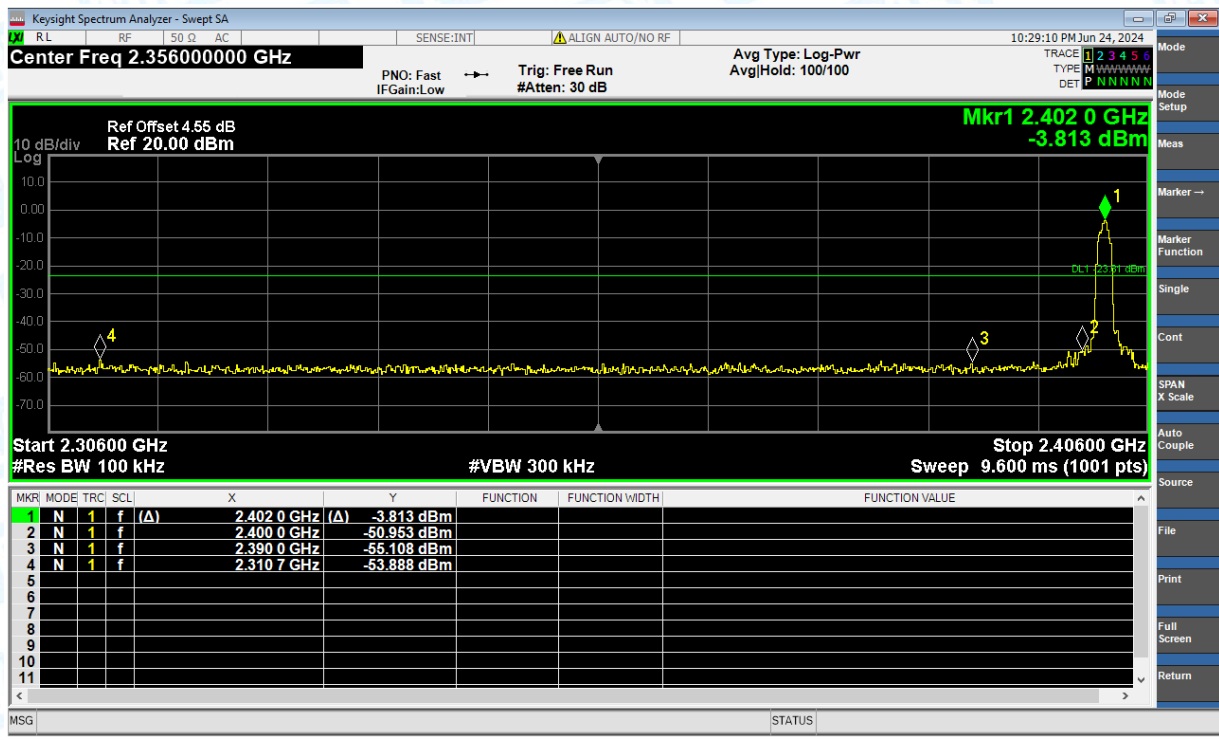
### Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



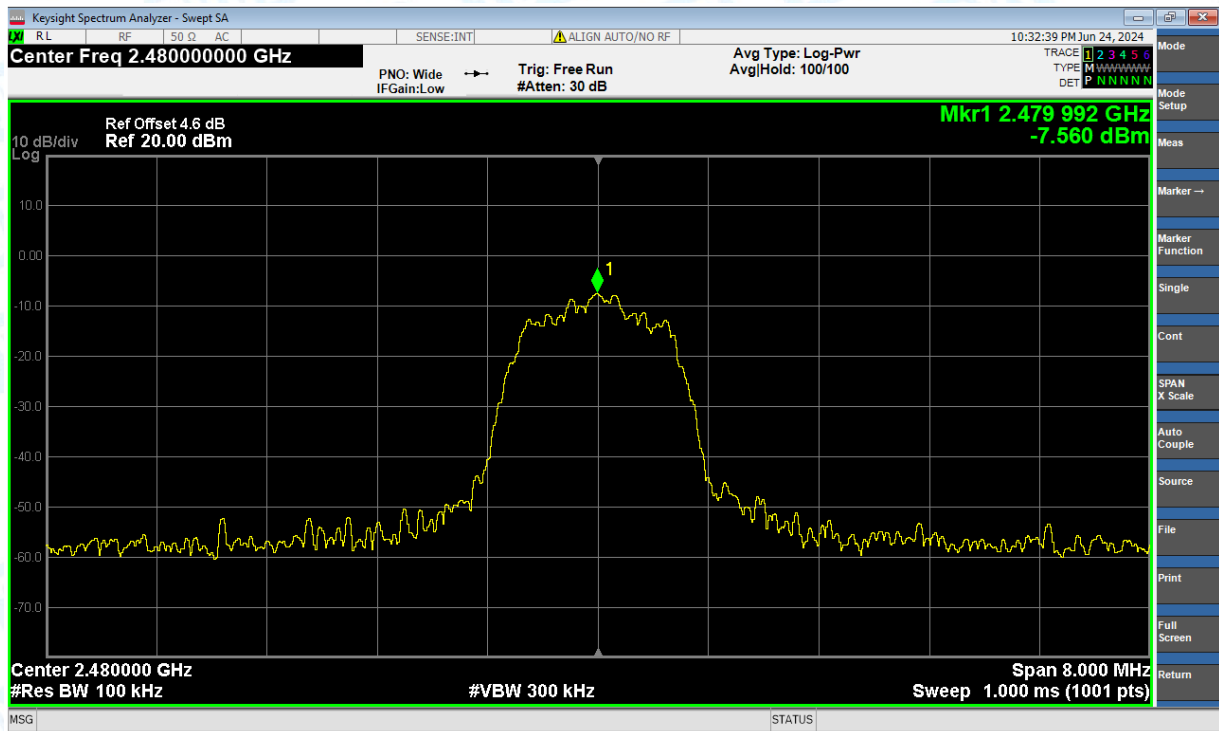
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



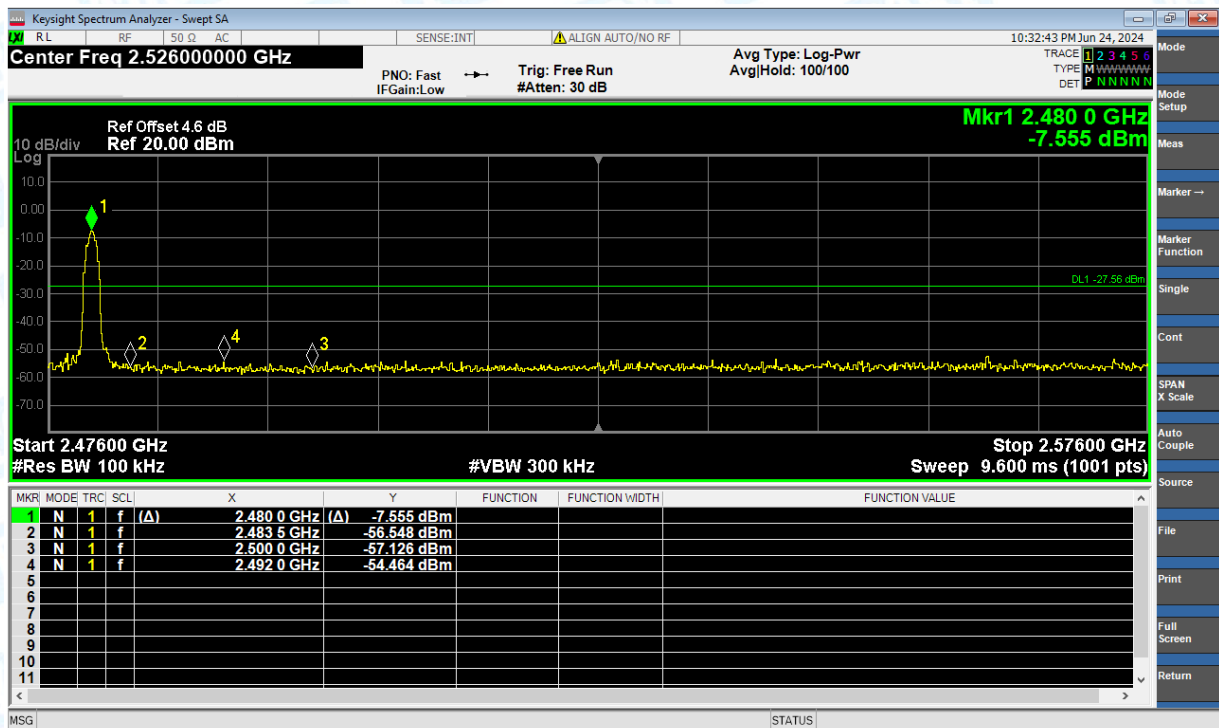
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



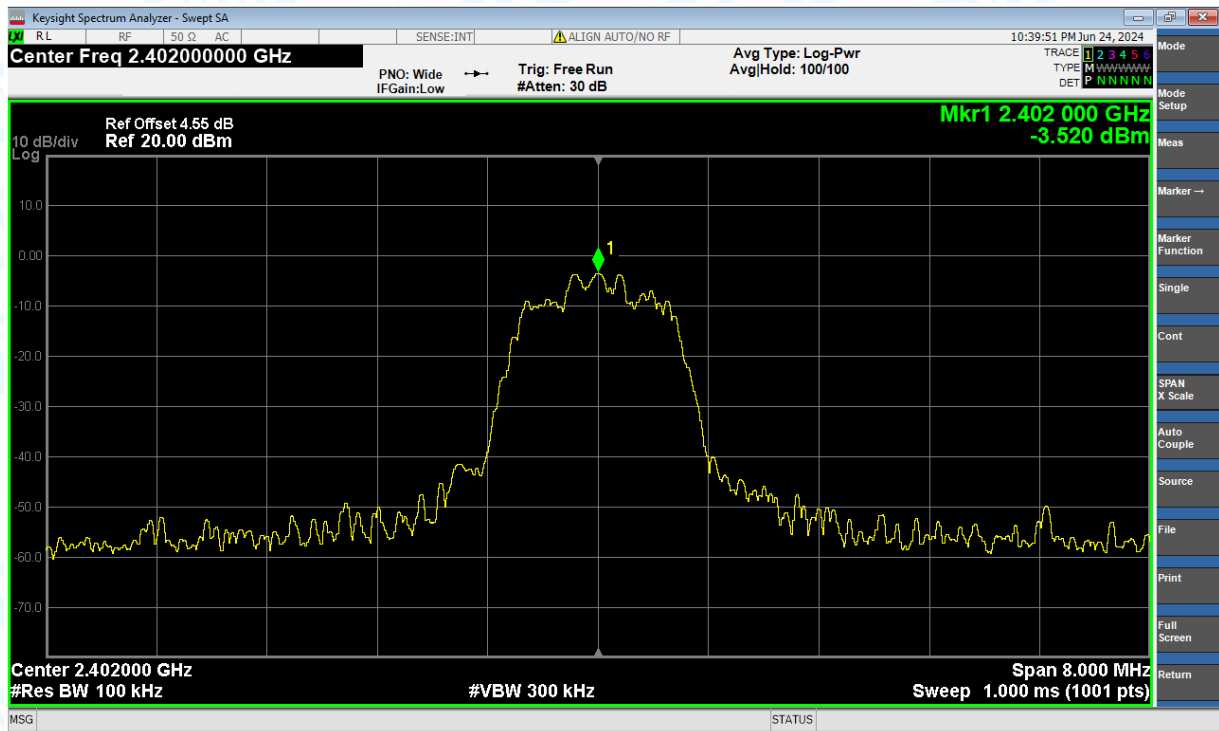
### Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



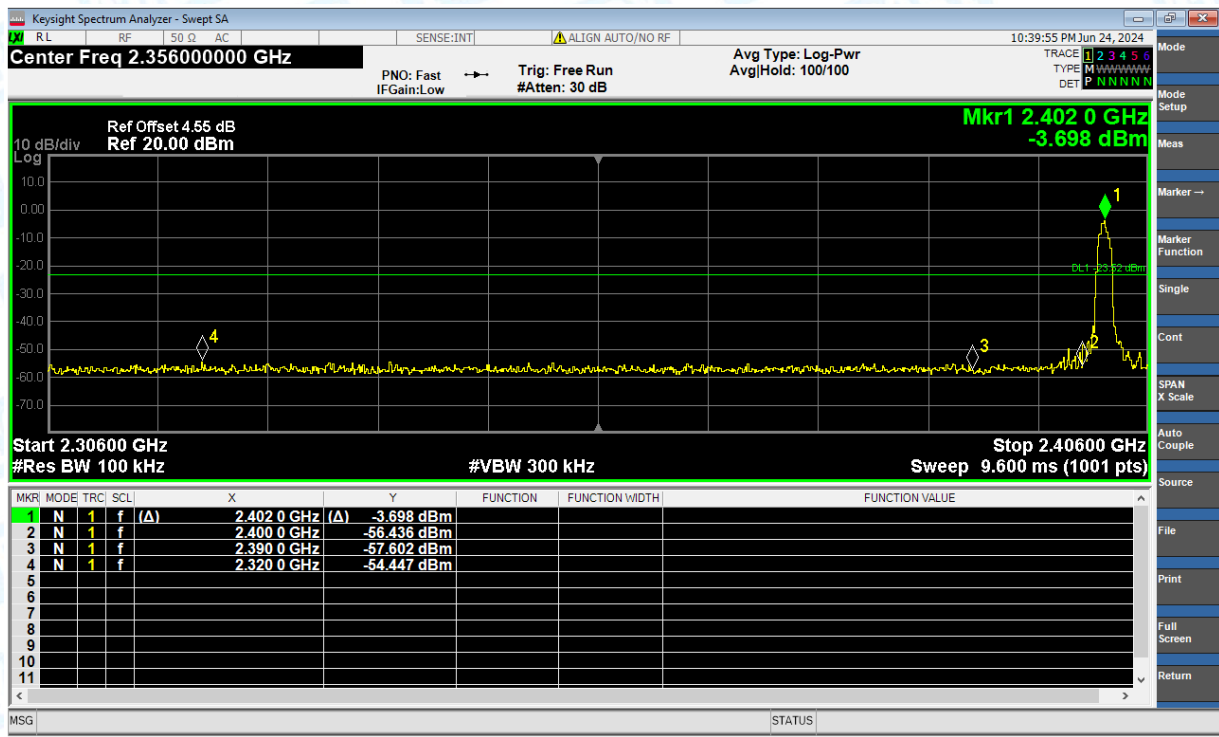
### Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



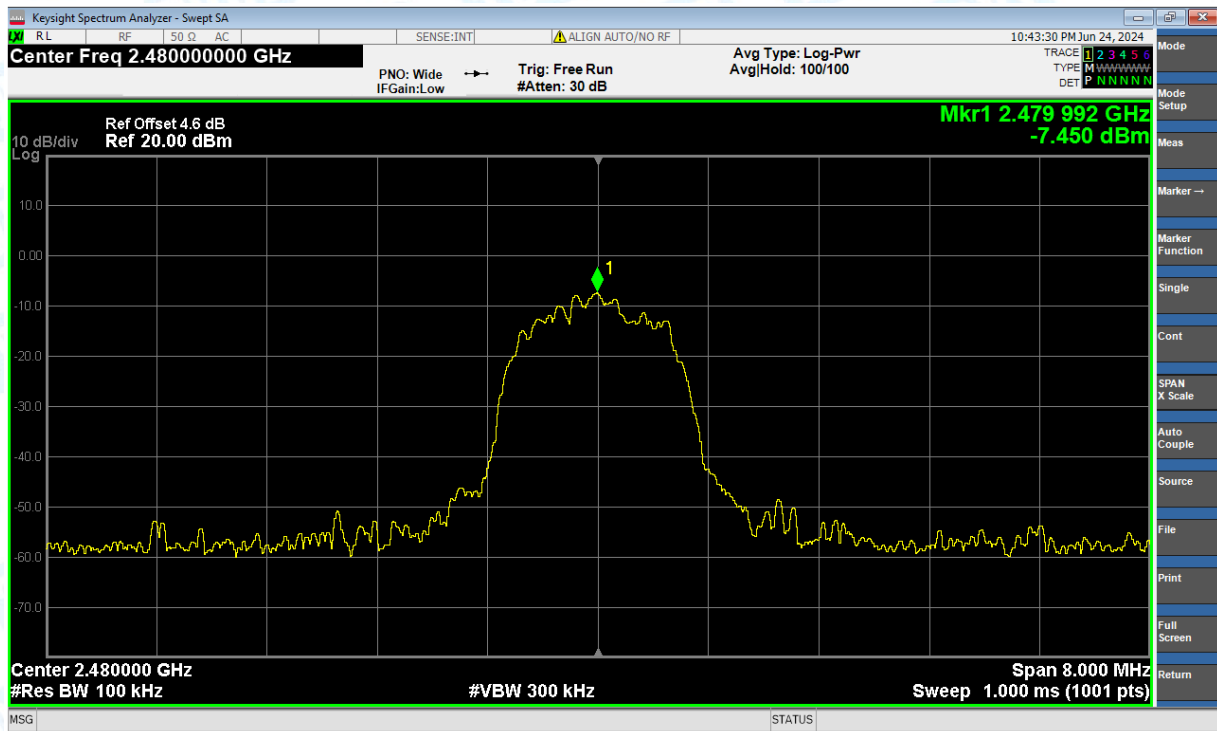
### Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



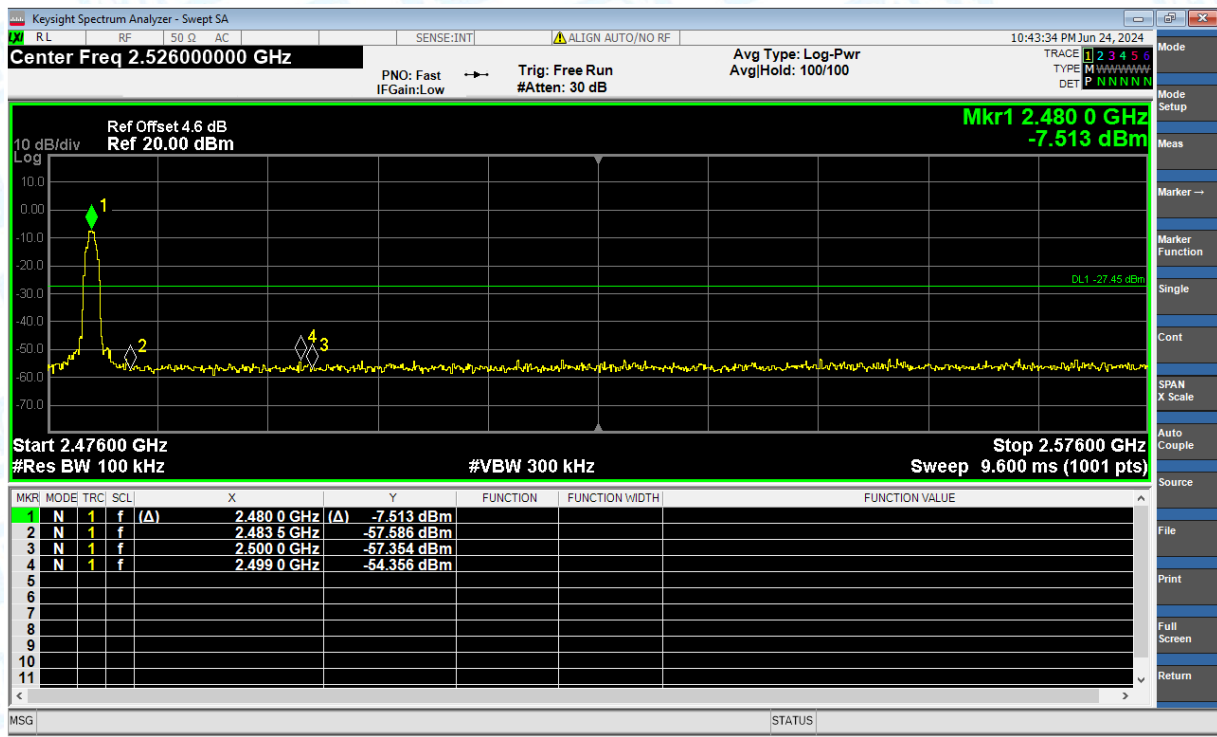
### Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

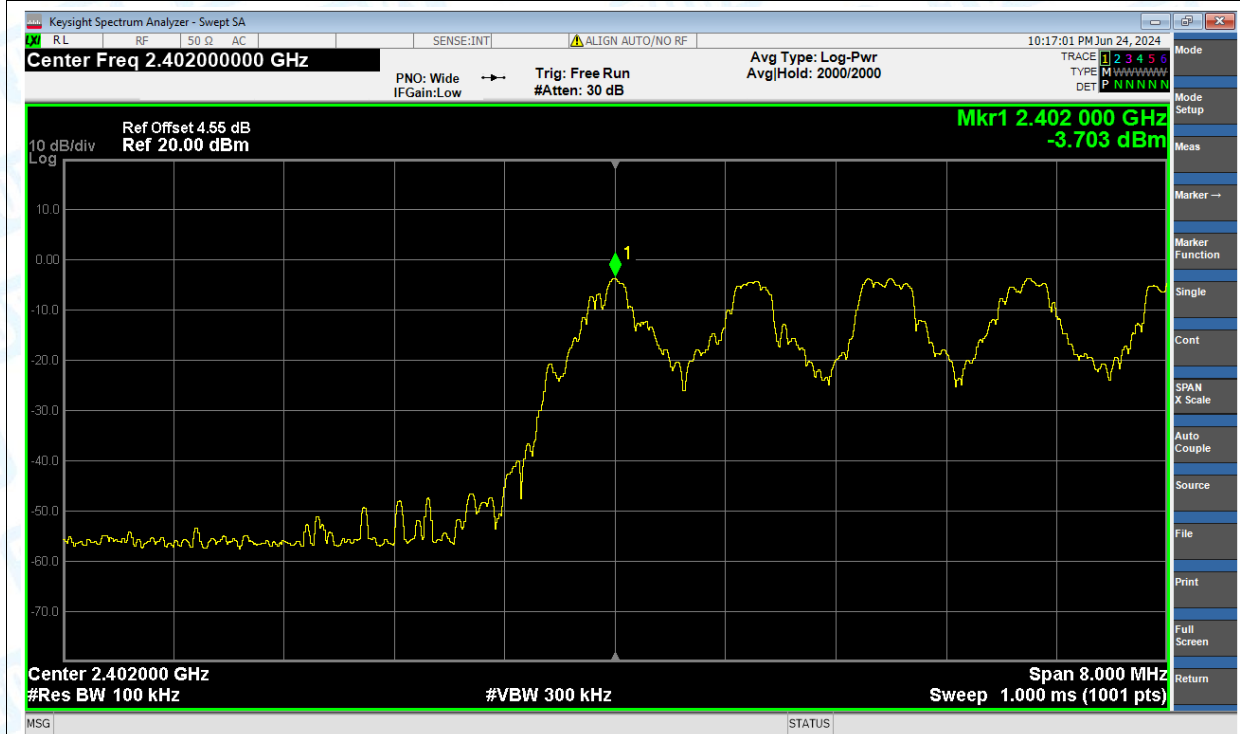


## 6. Band Edge(Hopping)

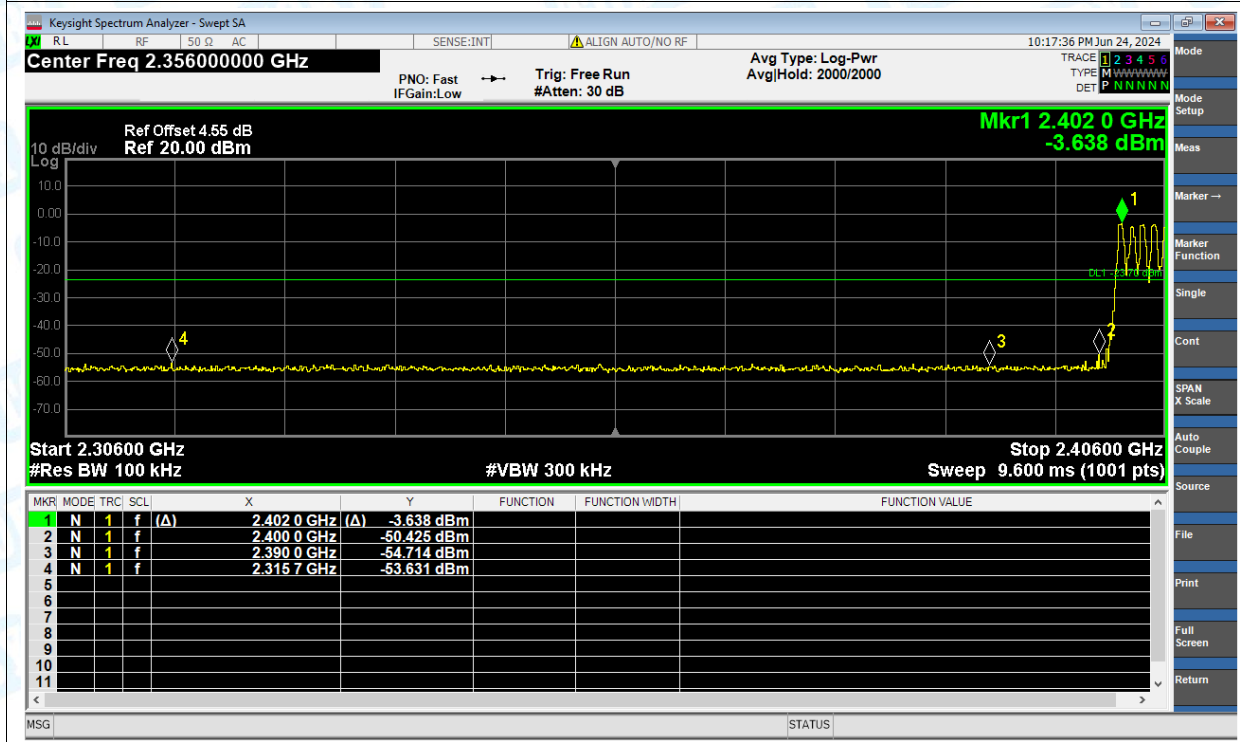
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | Hopping      | -49.93          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | Hopping      | -45.89          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | Hopping      | -49.49          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | Hopping      | -45.9           | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | Hopping      | -49.62          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | Hopping      | -45.69          | -20         | Pass    |

### Test Graphs

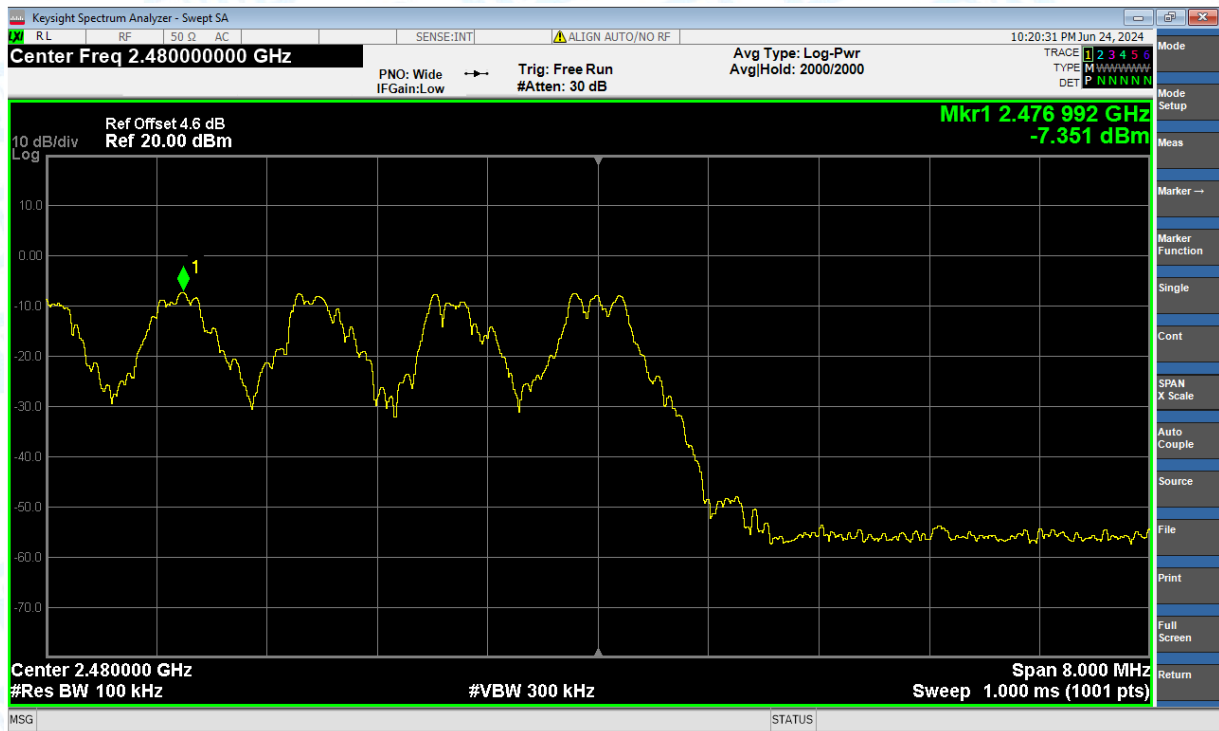
#### Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



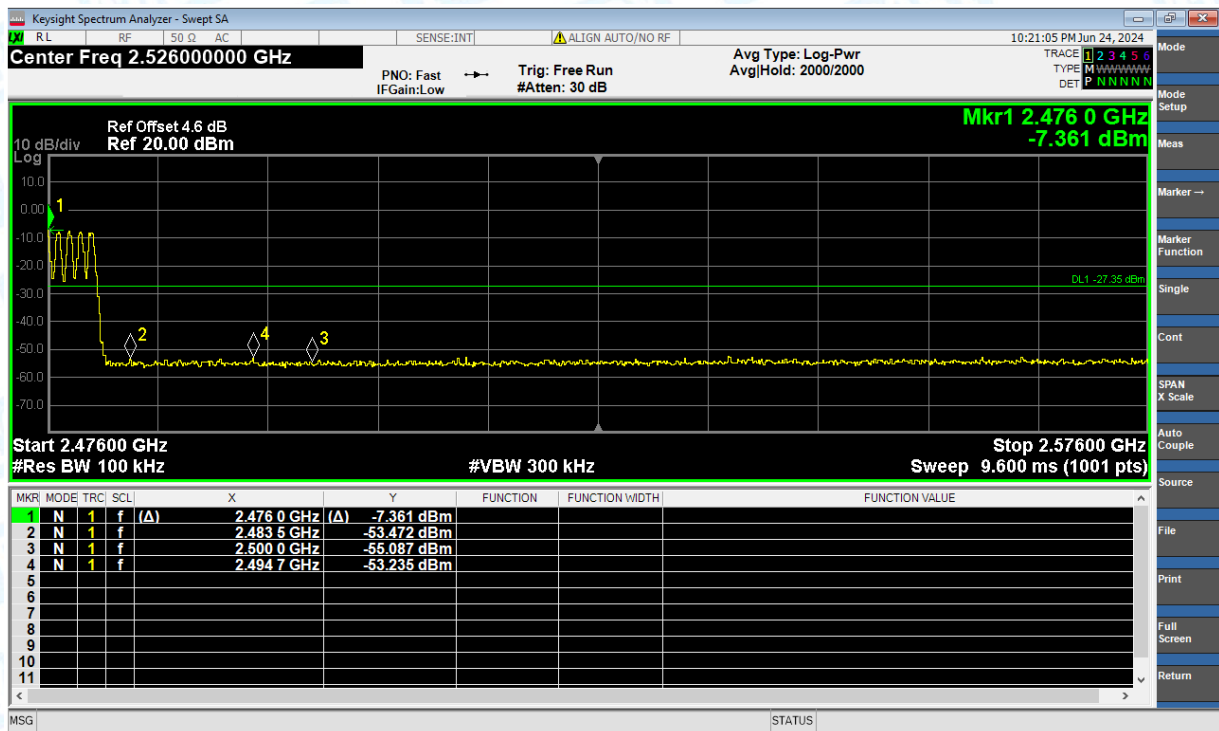
#### Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



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



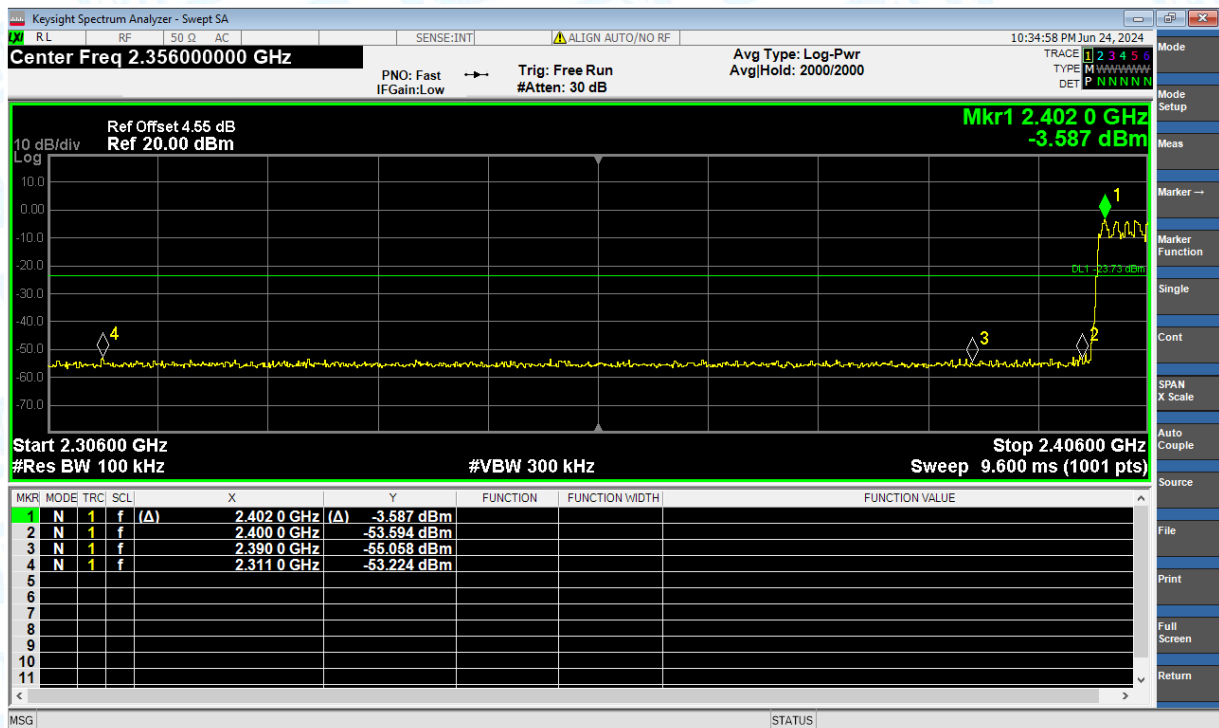
### Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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



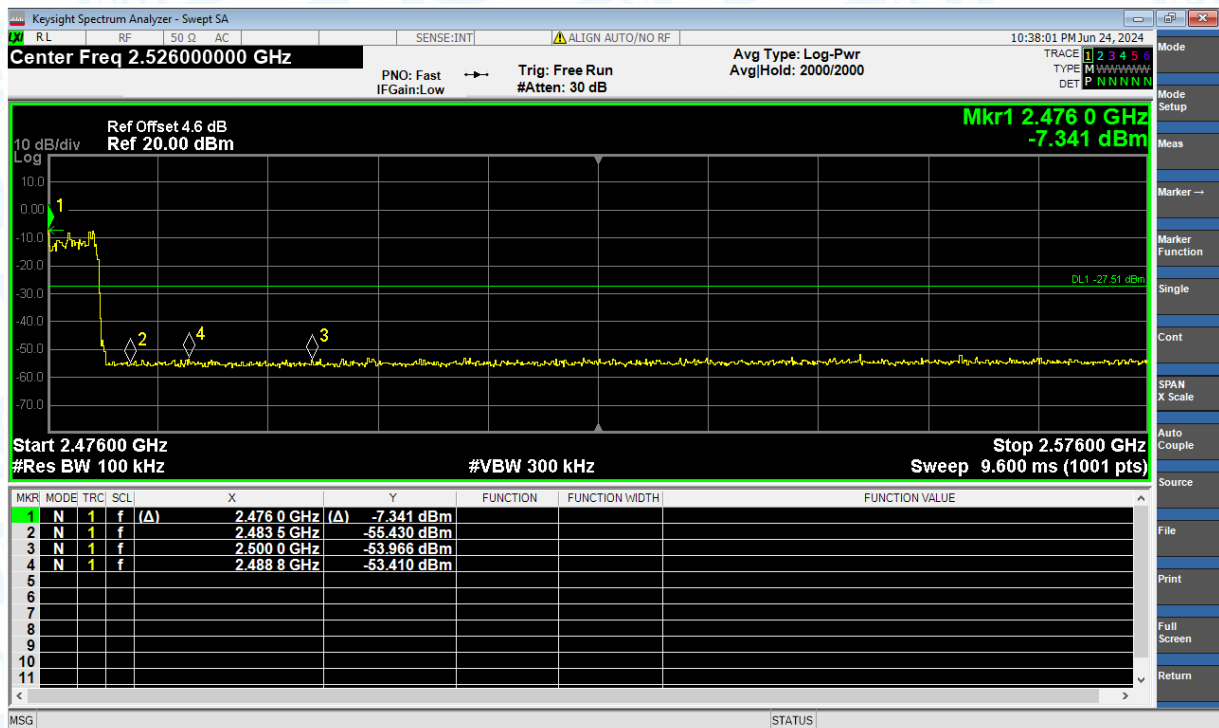
### Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



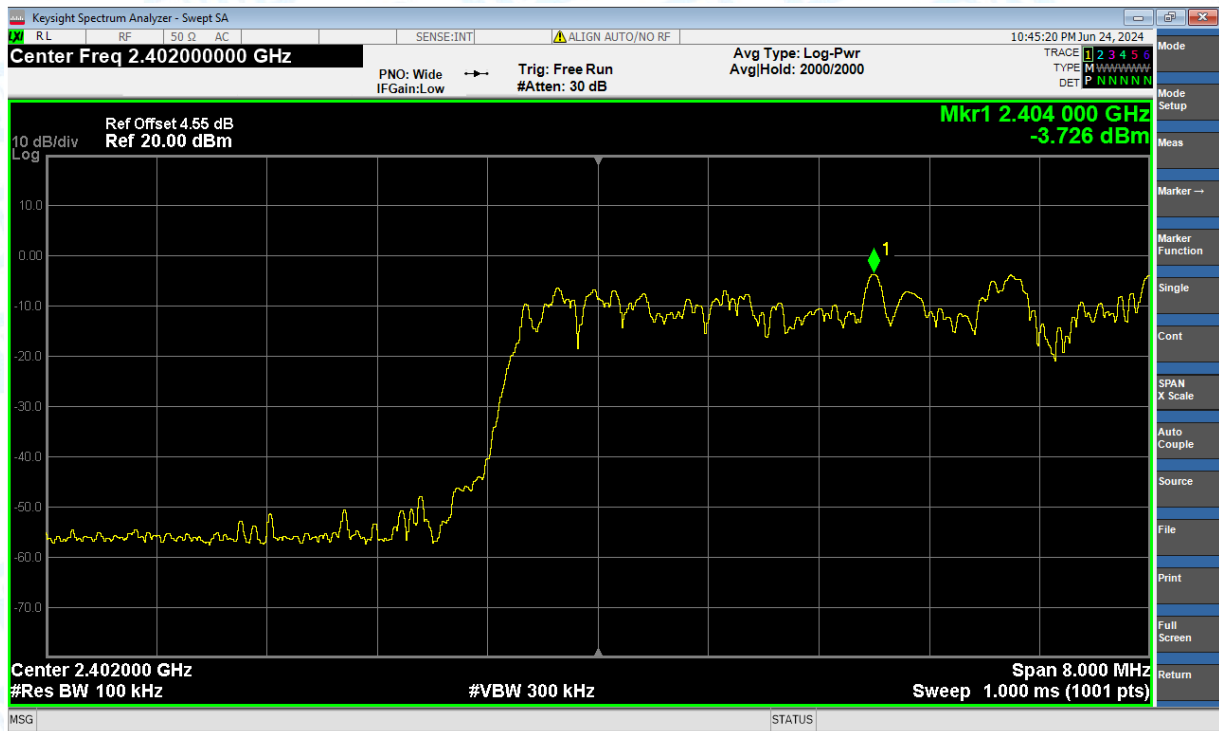
### Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



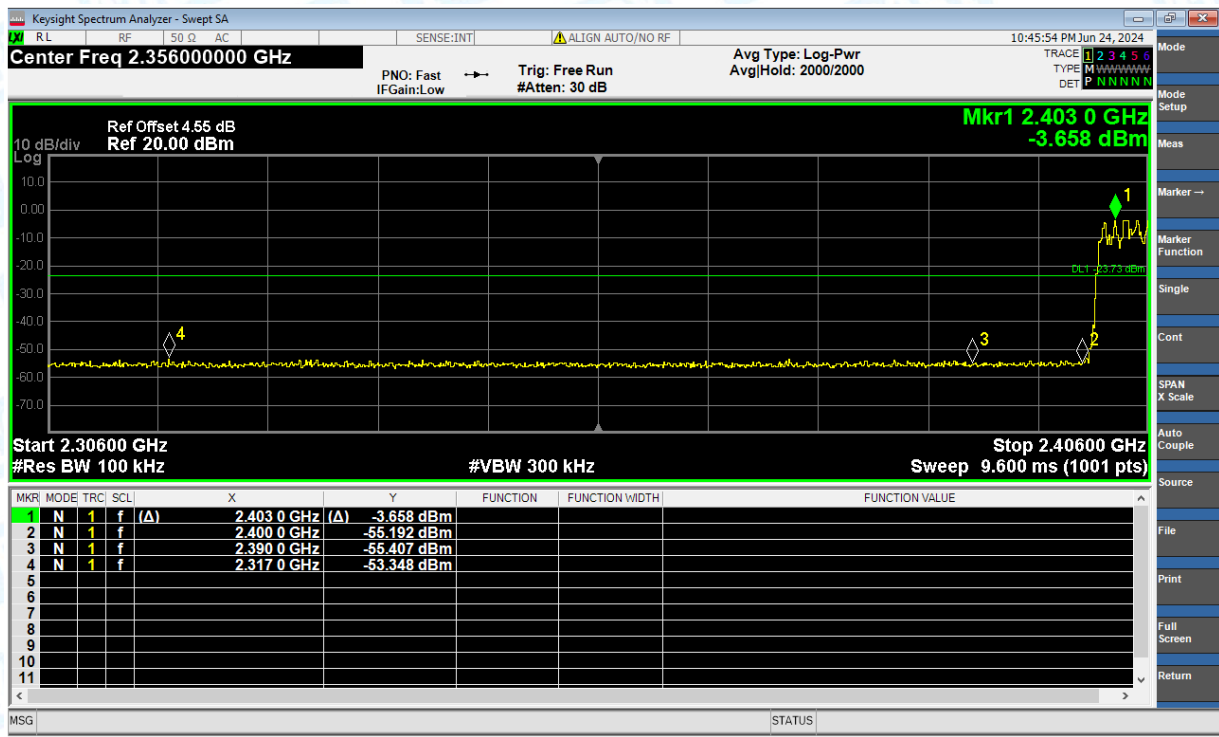
### Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



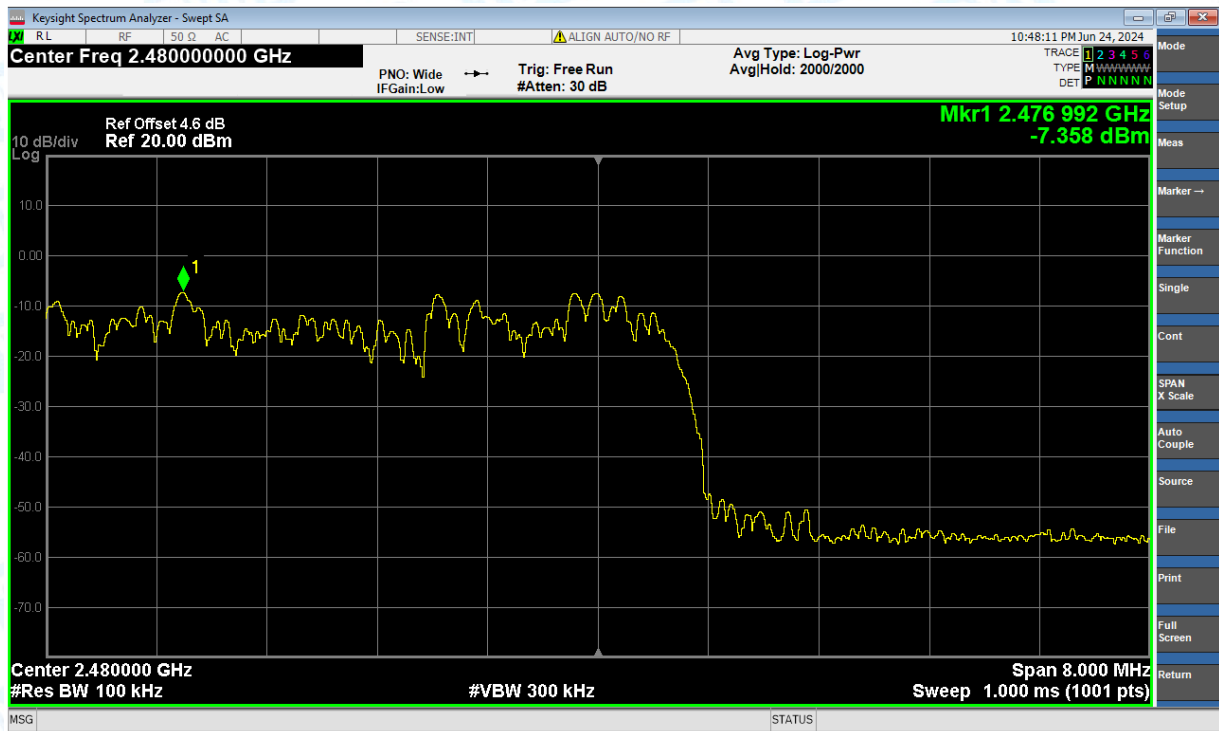
### Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



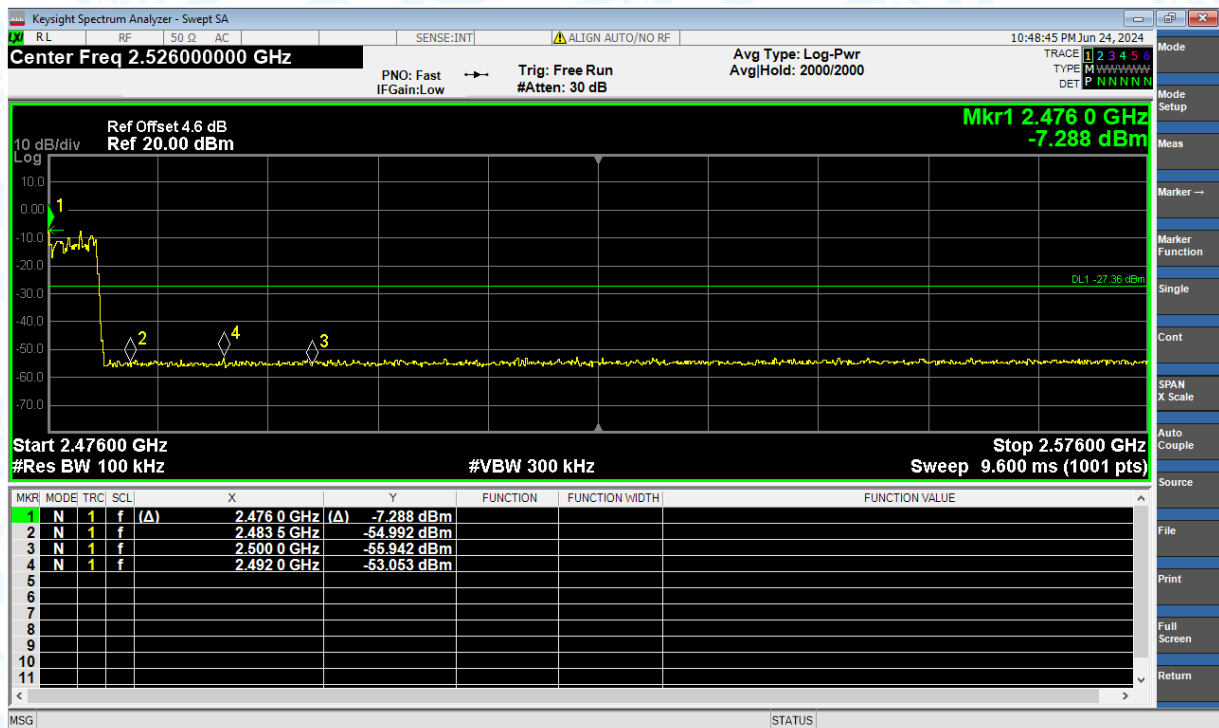
### Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



### Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



### Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

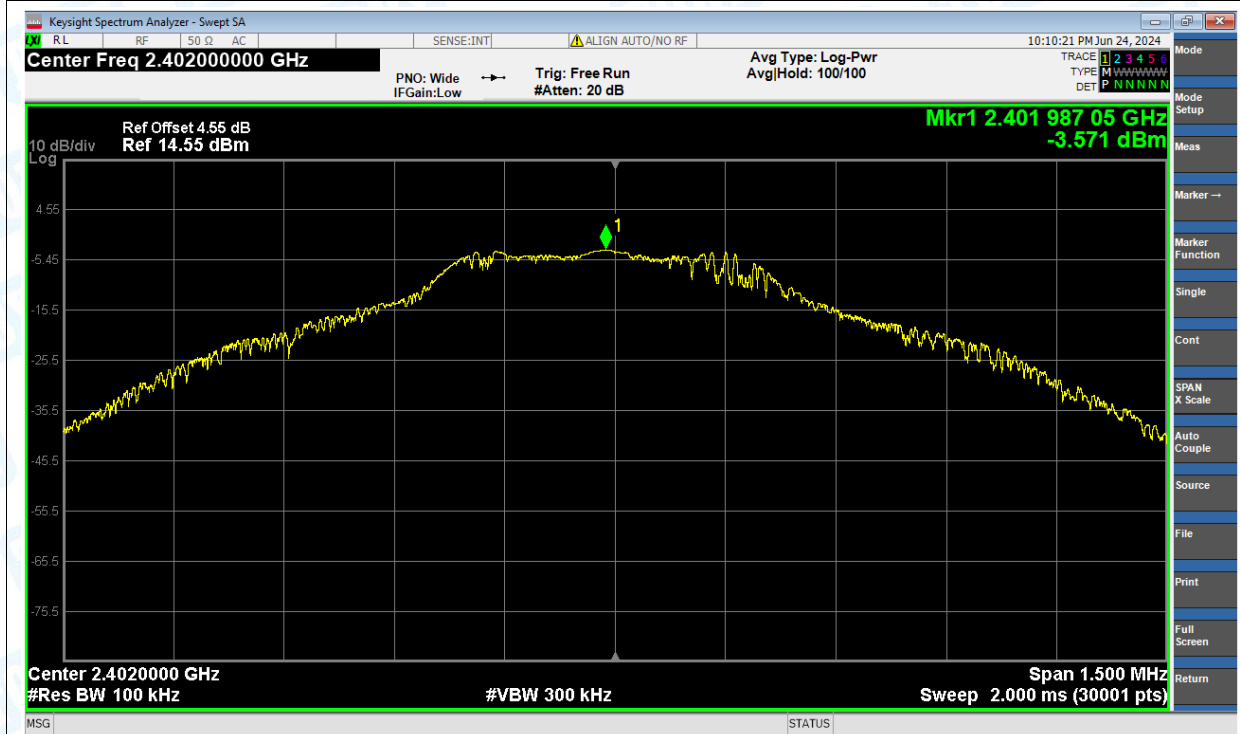


## 7. Conducted RF Spurious Emission

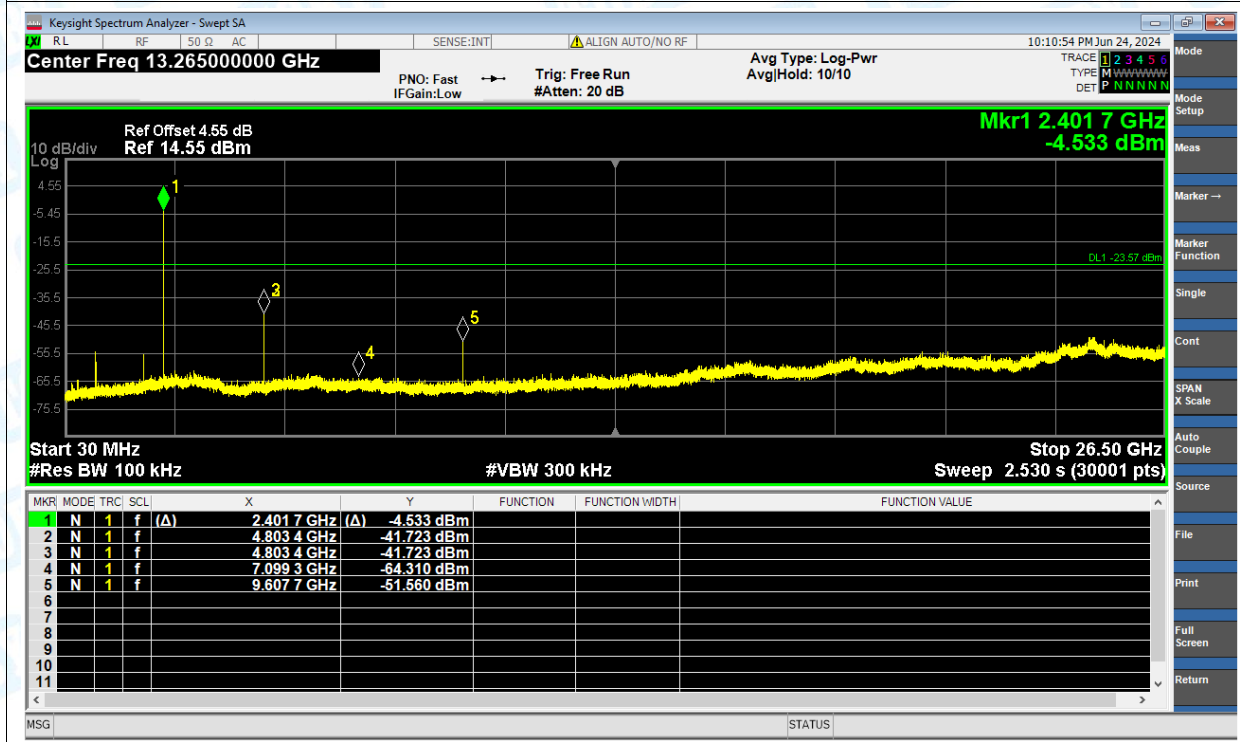
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -38.15          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -43.65          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -41             | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -43.51          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -43.05          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -42             | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -38.89          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -42.19          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -41.96          | -20         | Pass    |

### Test Graphs

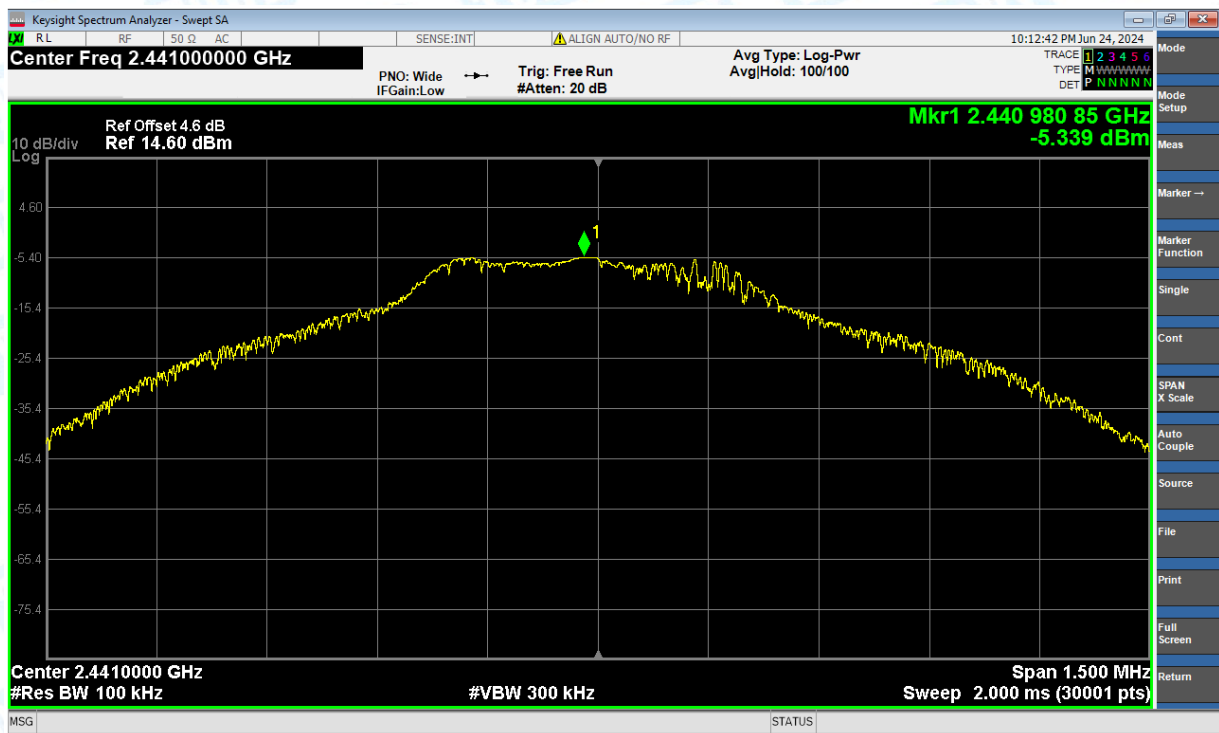
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



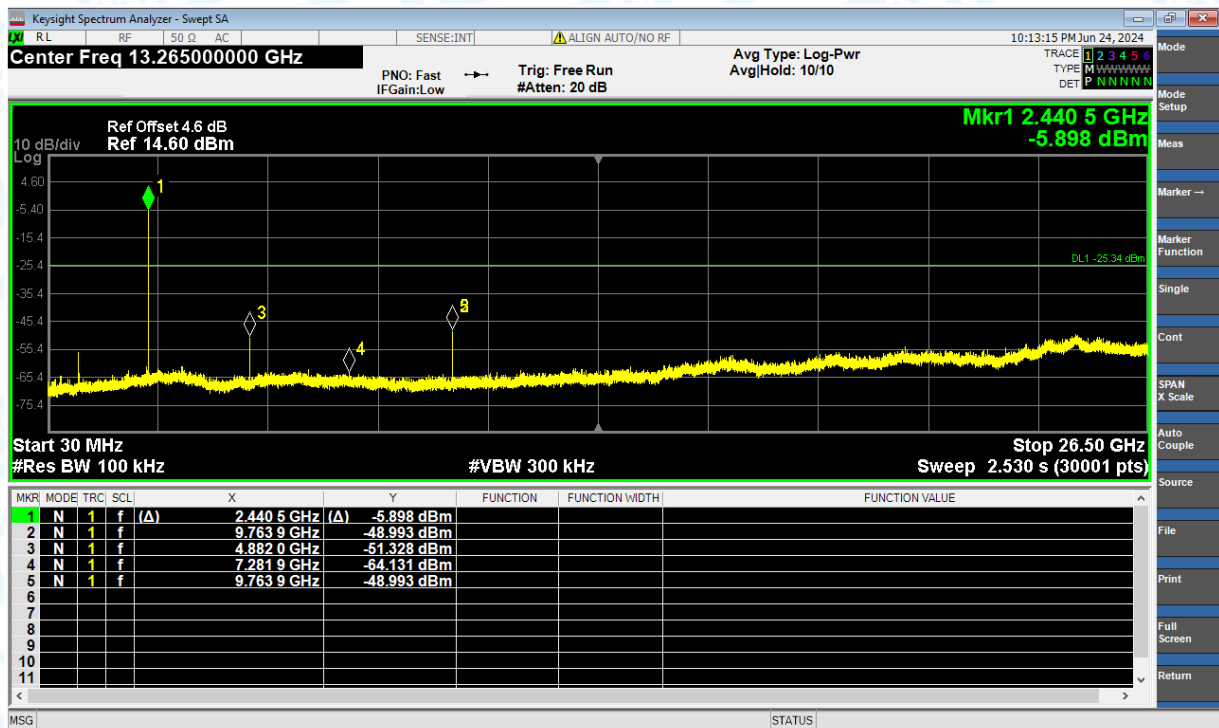
#### Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



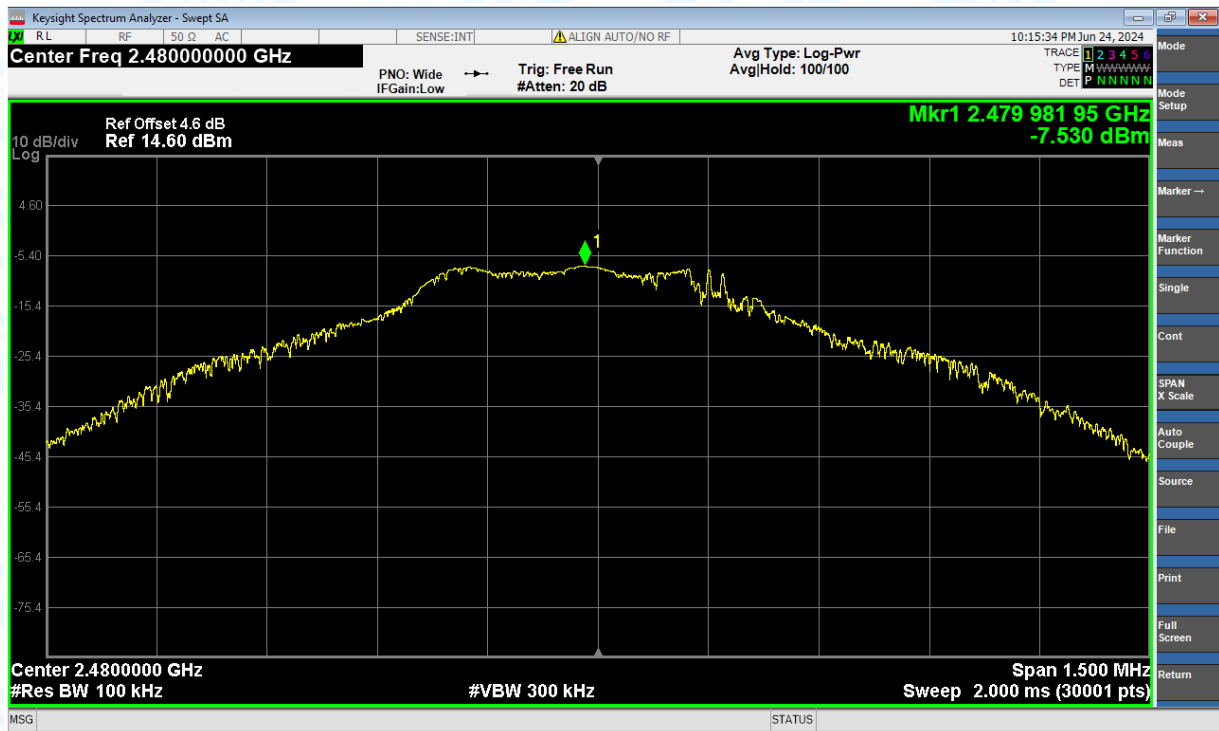
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



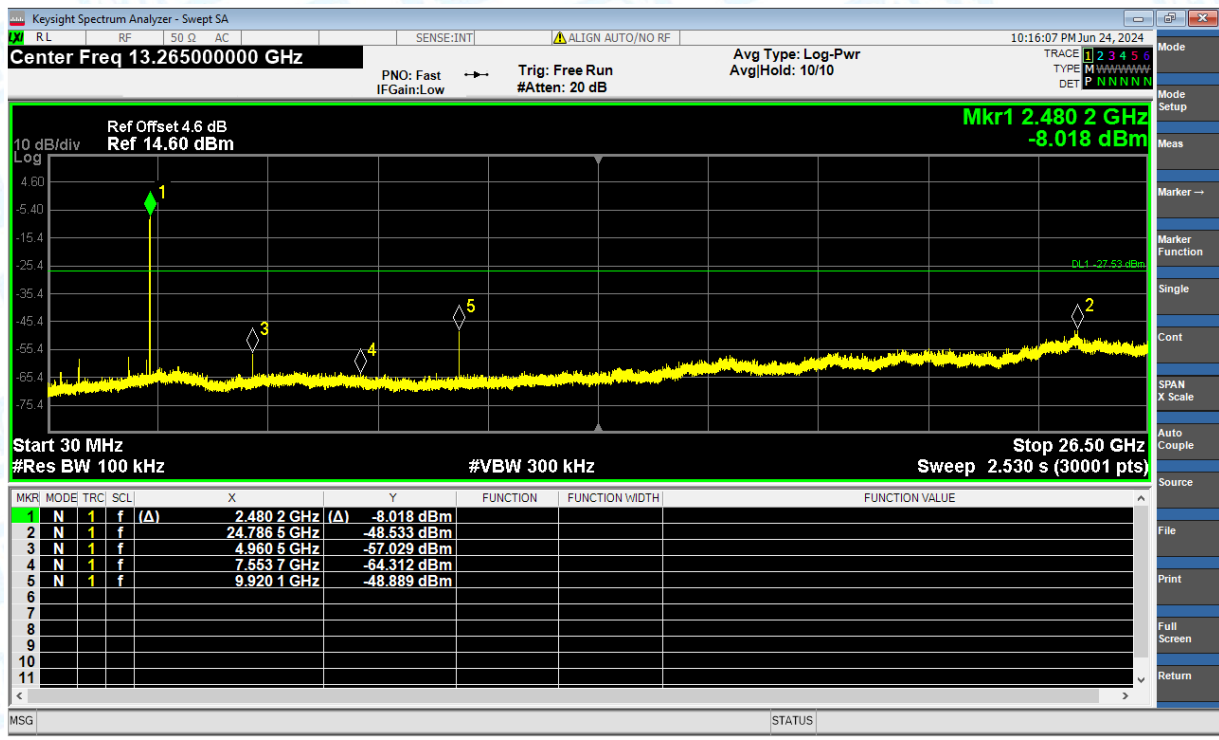
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



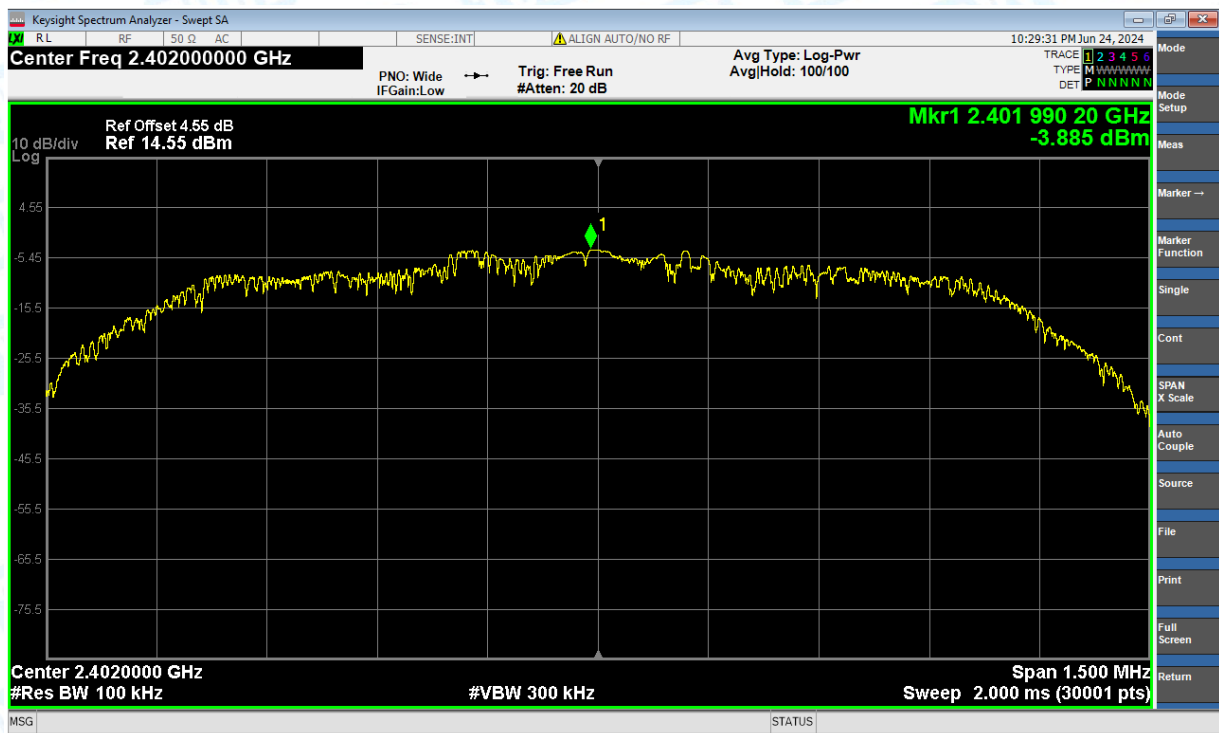
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



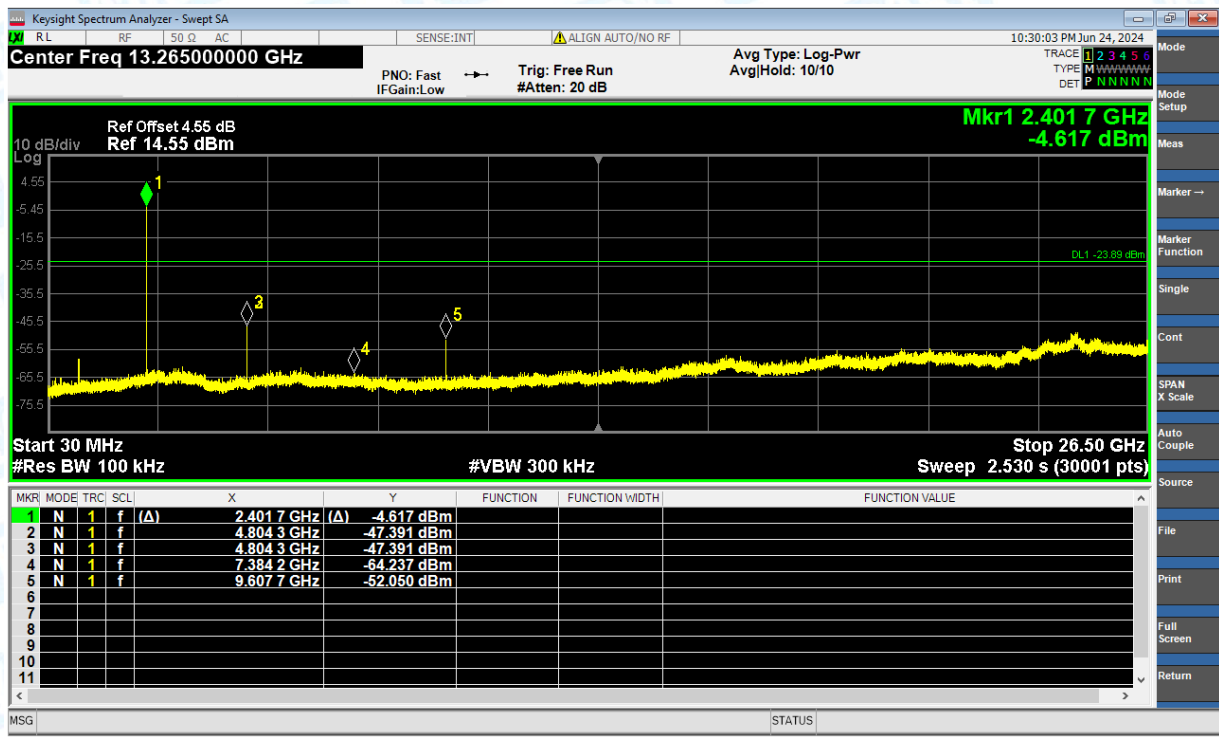
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



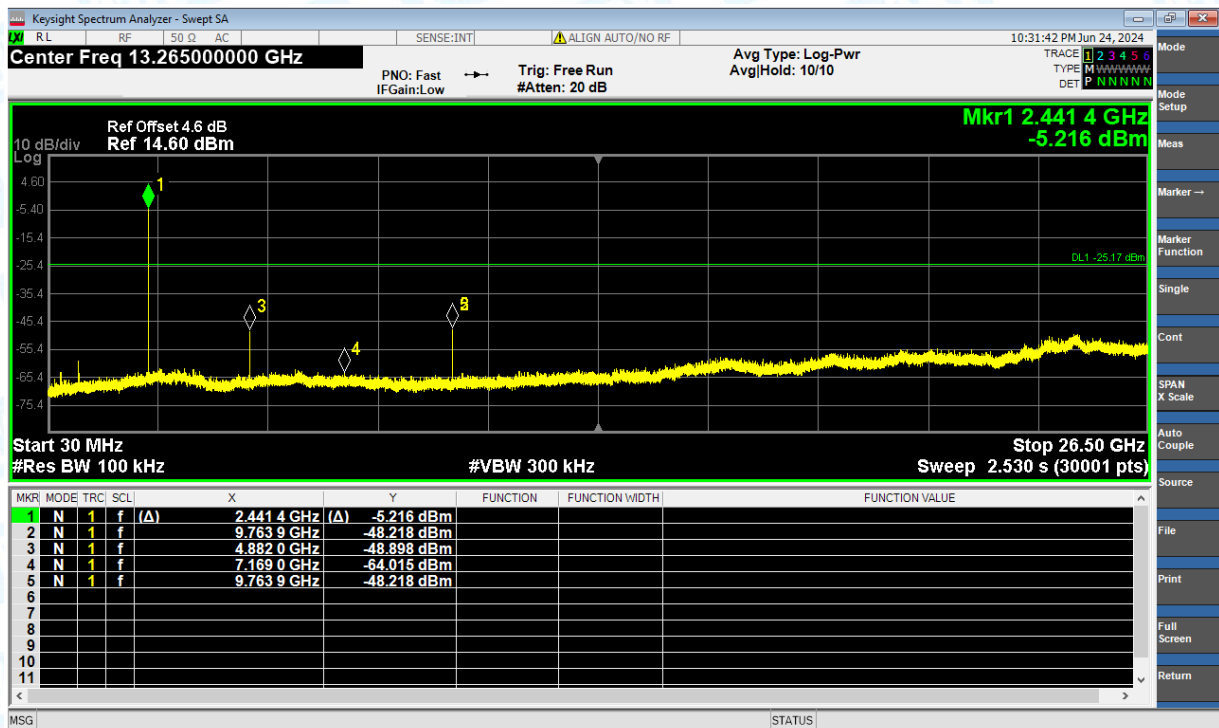
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



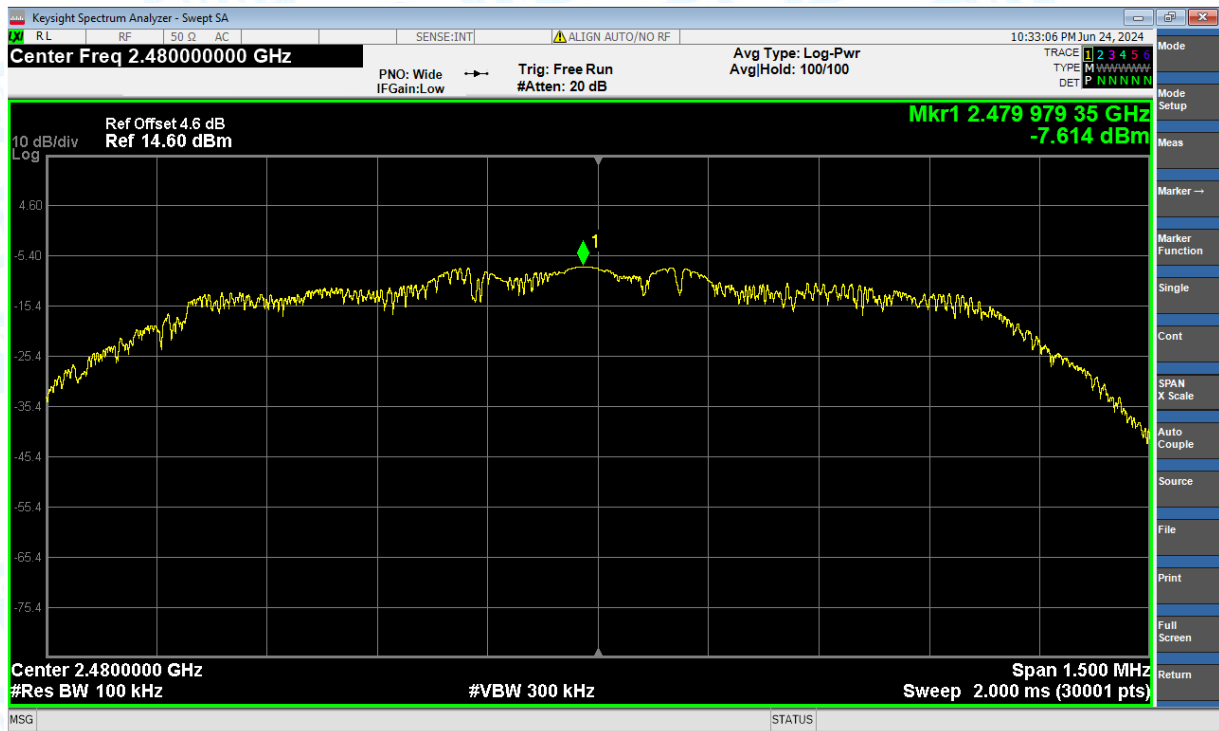
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



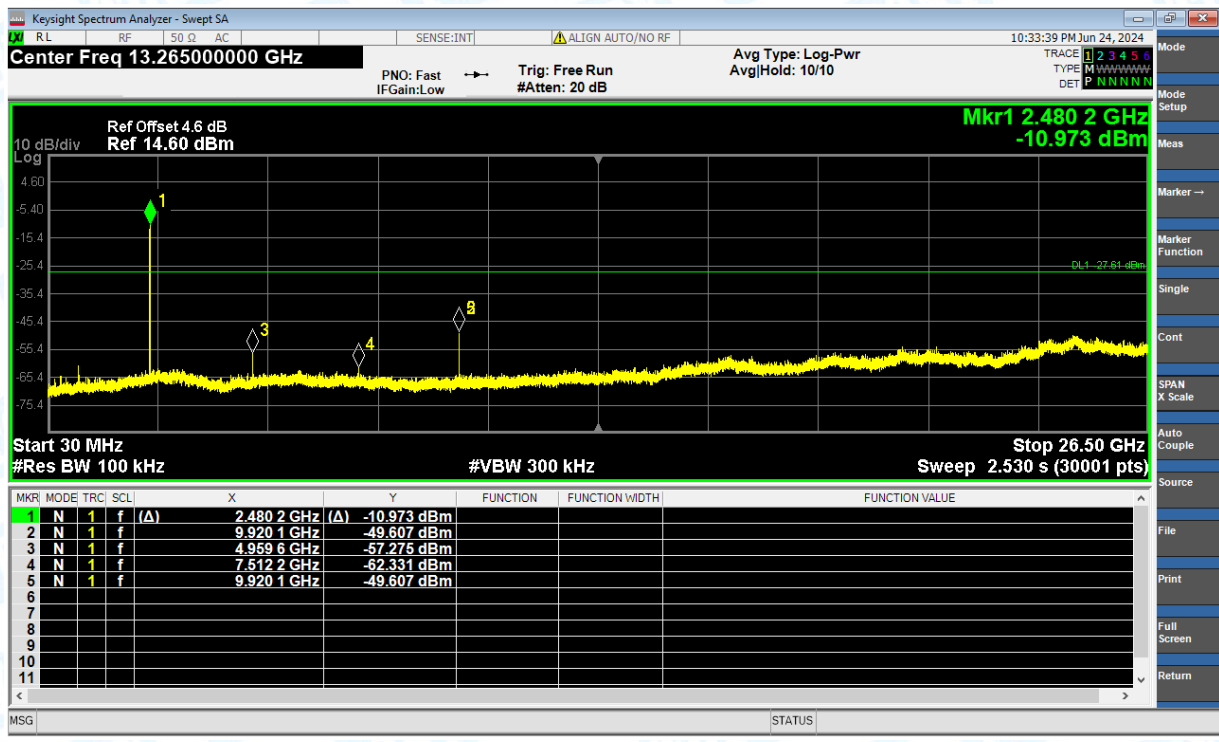
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



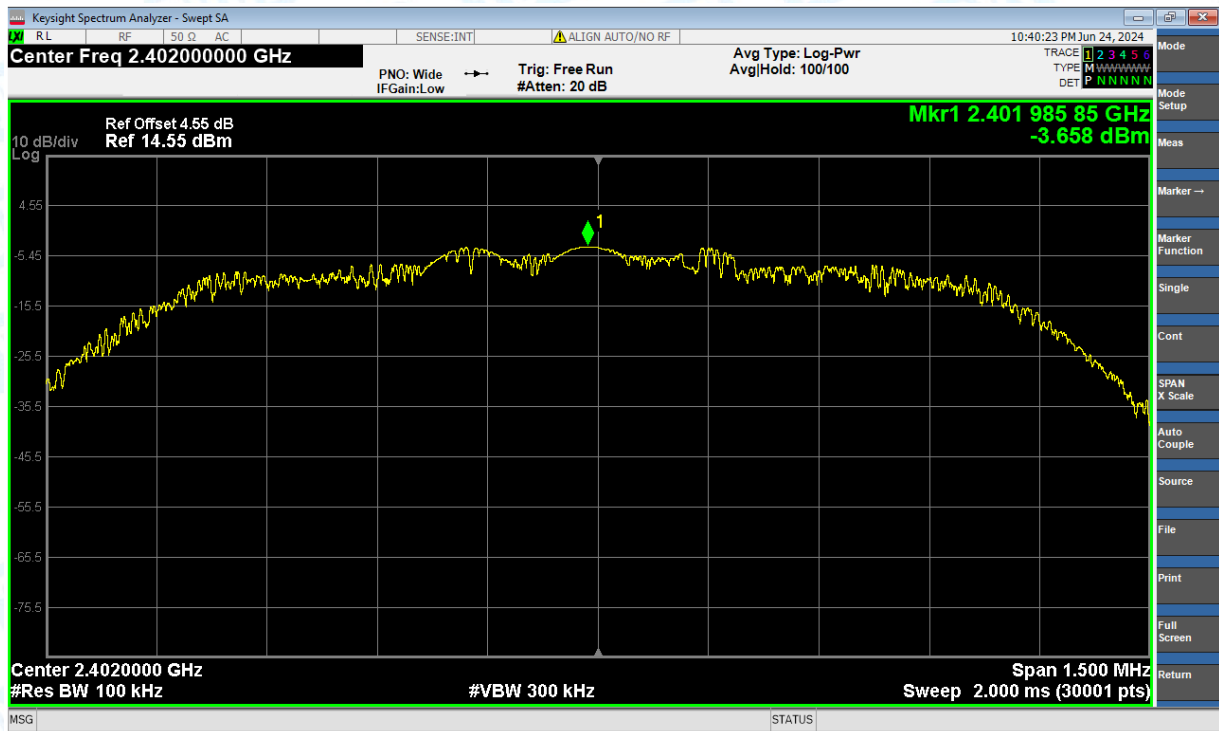
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



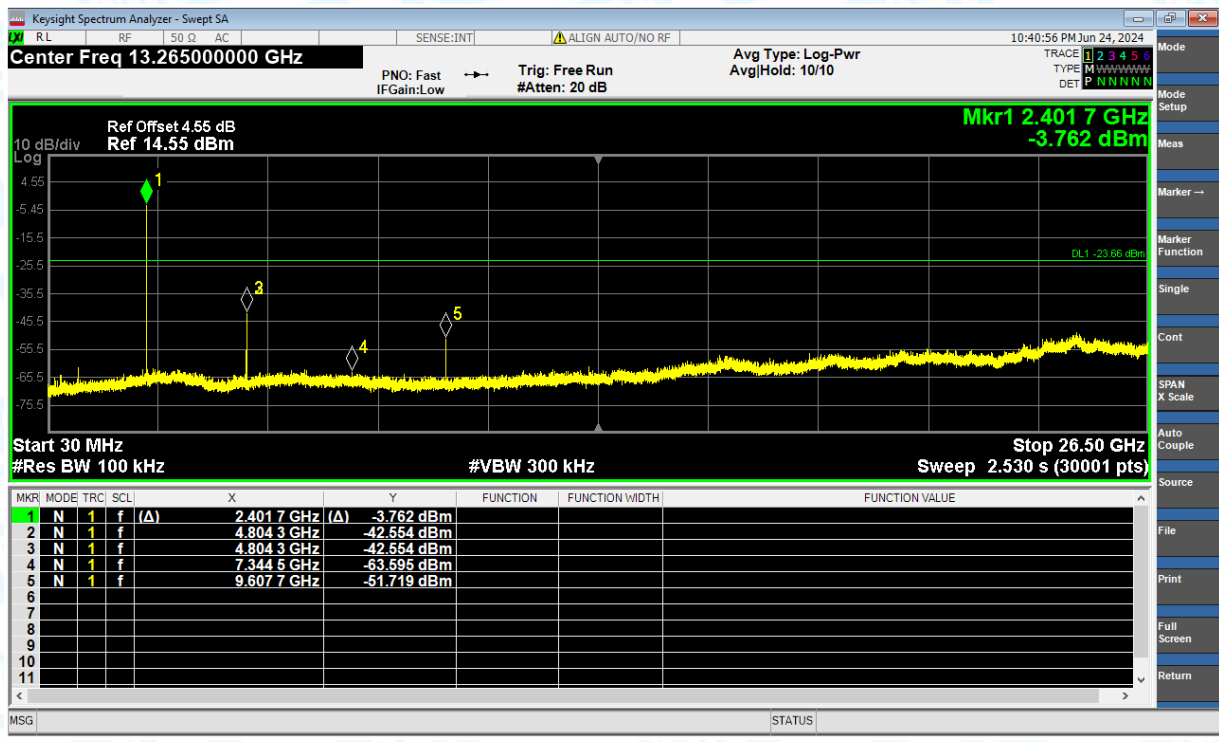
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



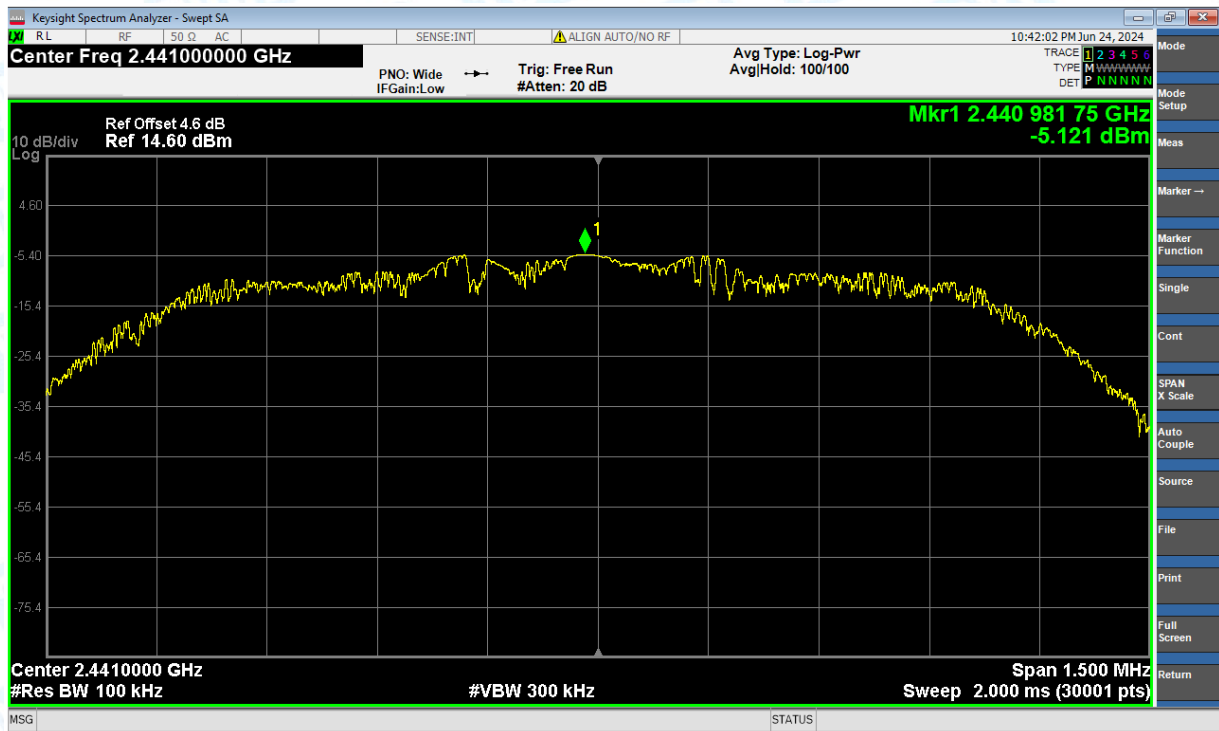
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



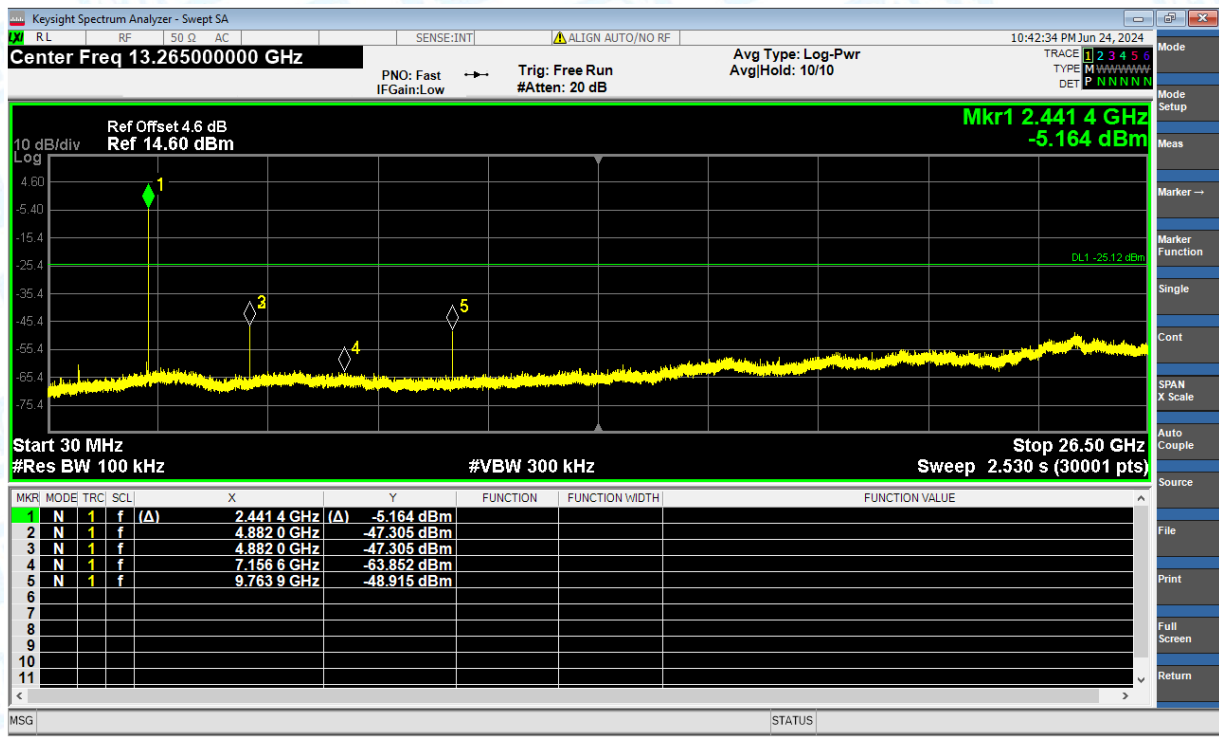
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



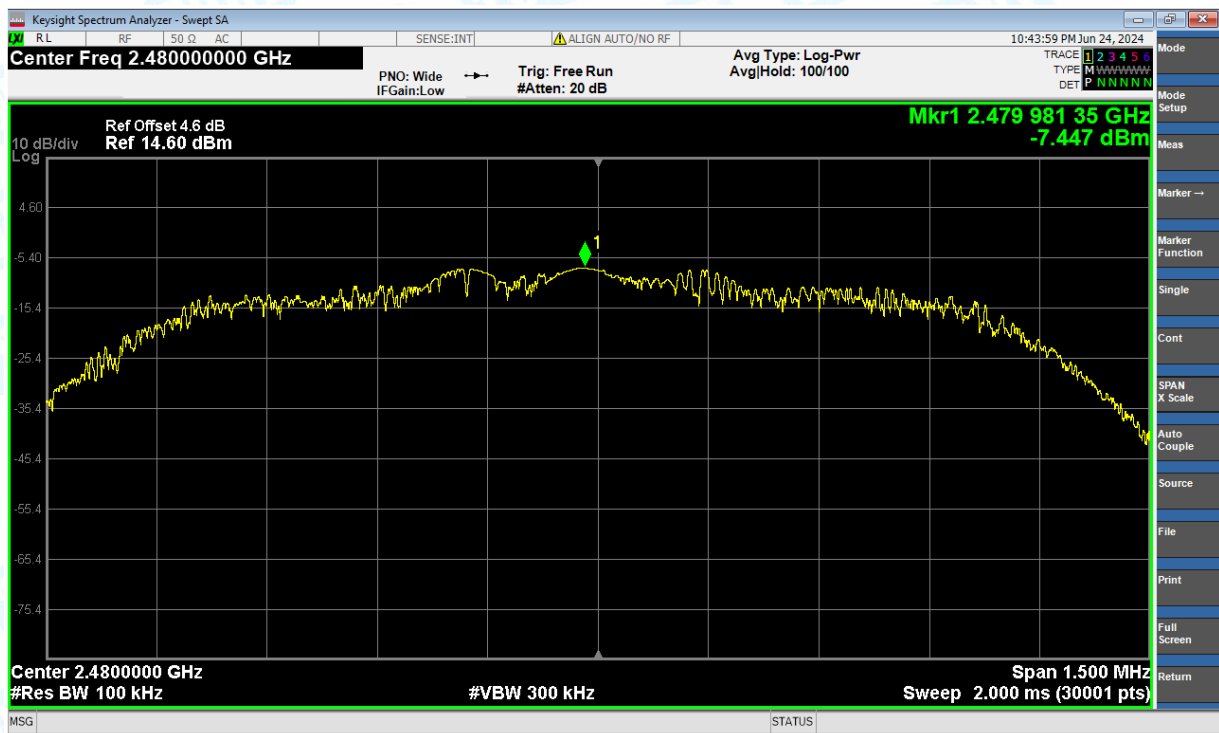
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



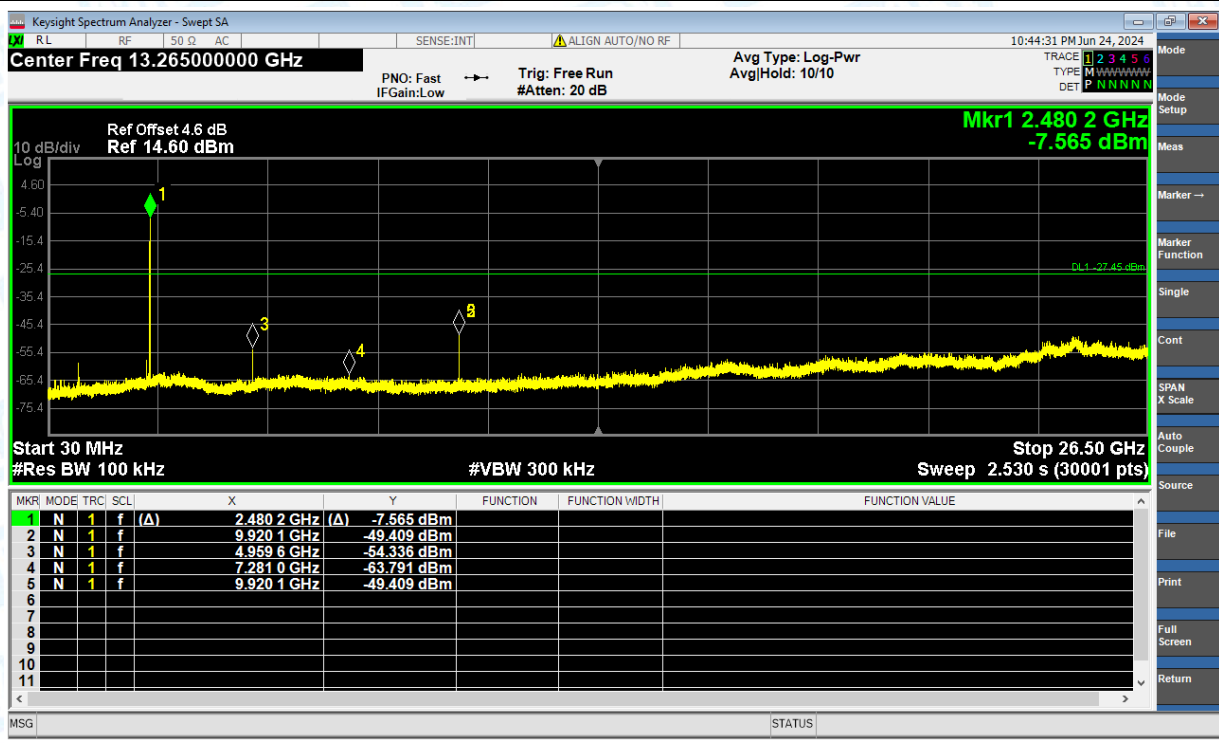
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

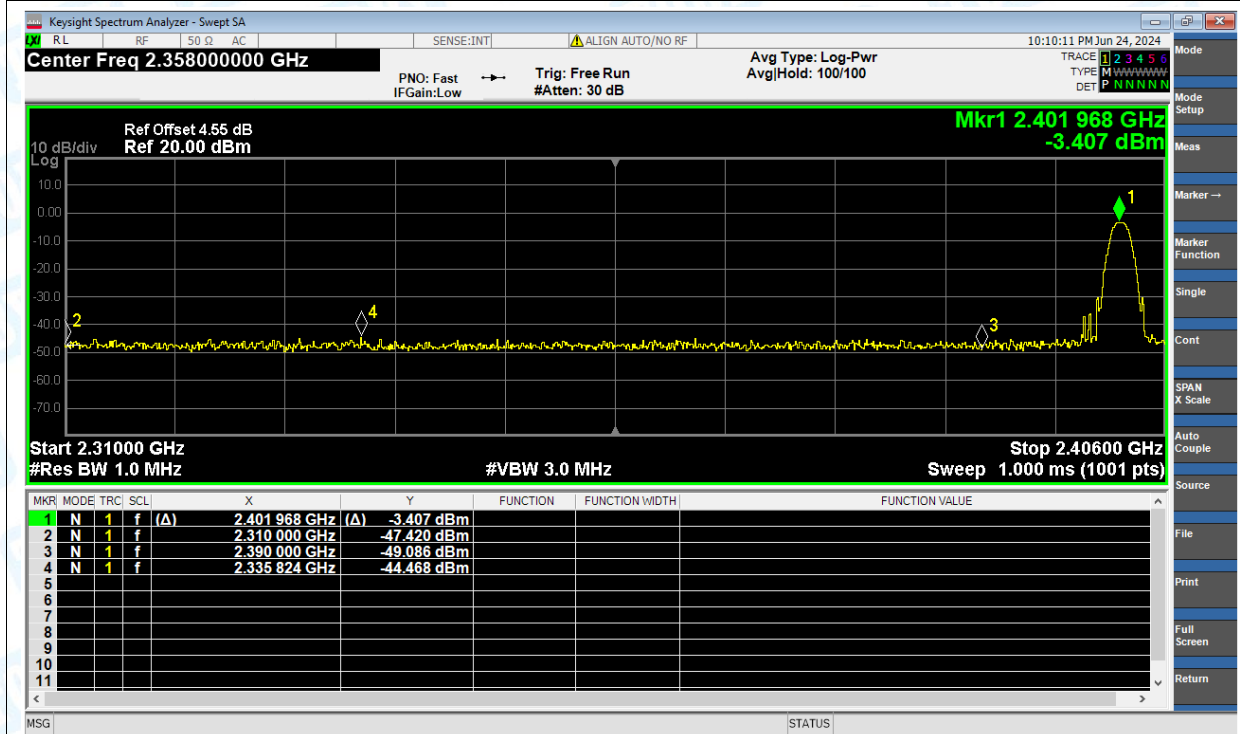


## 8. Restrict Band

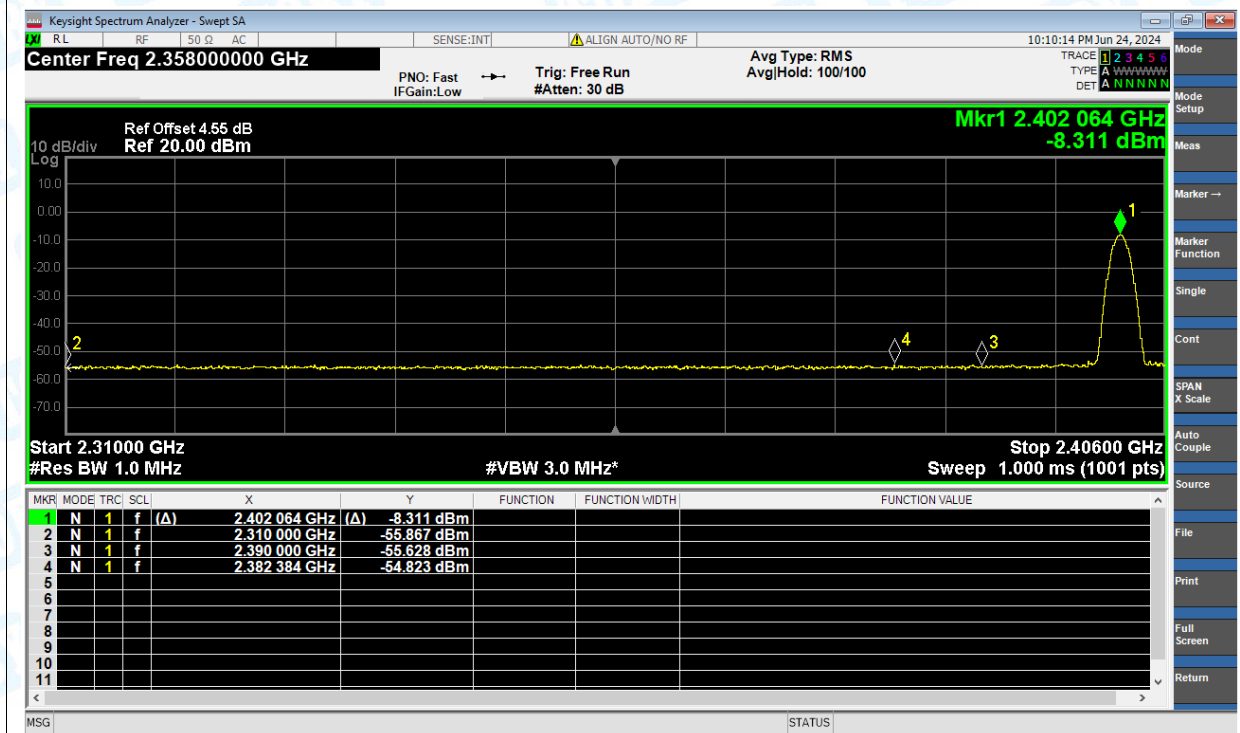
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -47.42      | 6.4        | -                | 54.24      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -55.87      | 6.4        | 4.84             | 50.63      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2335.824        | -44.47      | 6.4        | -                | 57.19      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2382.384        | -54.82      | 6.4        | 4.84             | 51.68      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -49.09      | 6.4        | -                | 52.57      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.63      | 6.4        | 4.84             | 50.87      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -42.03      | 6.4        | -                | 59.63      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.22      | 6.4        | 4.84             | 51.28      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.512        | -42.03      | 6.4        | -                | 59.63      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2490.424        | -54.37      | 6.4        | 4.84             | 52.13      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.28      | 6.4        | -                | 54.38      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.46      | 6.4        | 4.84             | 51.04      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -48.46      | 6.4        | -                | 53.2       | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -55.9       | 6.4        | 4.63             | 50.39      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2384.496        | -44.31      | 6.4        | -                | 57.35      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2386.992        | -54.85      | 6.4        | 4.63             | 51.44      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -46.86      | 6.4        | -                | 54.8       | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.12      | 6.4        | 4.63             | 51.17      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -45.69      | 6.4        | -                | 55.97      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.23      | 6.4        | 4.63             | 51.06      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2499.664        | -43.69      | 6.4        | -                | 57.97      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.896        | -54.49      | 6.4        | 4.63             | 51.8       | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.99      | 6.4        | -                | 53.67      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.65      | 6.4        | 4.63             | 50.64      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -45.94      | 6.4        | -                | 55.72      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -55.67      | 6.4        | 4.63             | 50.62      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2389.968        | -44.16      | 6.4        | -                | 57.5       | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2387.664        | -54.79      | 6.4        | 4.63             | 51.5       | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -44.16      | 6.4        | -                | 57.5       | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.24      | 6.4        | 4.63             | 51.05      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.25      | 6.4        | -                | 54.41      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -54.68      | 6.4        | 4.74             | 51.72      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2499.424        | -44.22      | 6.4        | -                | 57.44      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2484.136        | -54.5       | 6.4        | 4.74             | 51.9       | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.78      | 6.4        | -                | 53.88      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.18      | 6.4        | 4.74             | 51.22      | Average  | 54             | Pass    |

### Test Graphs

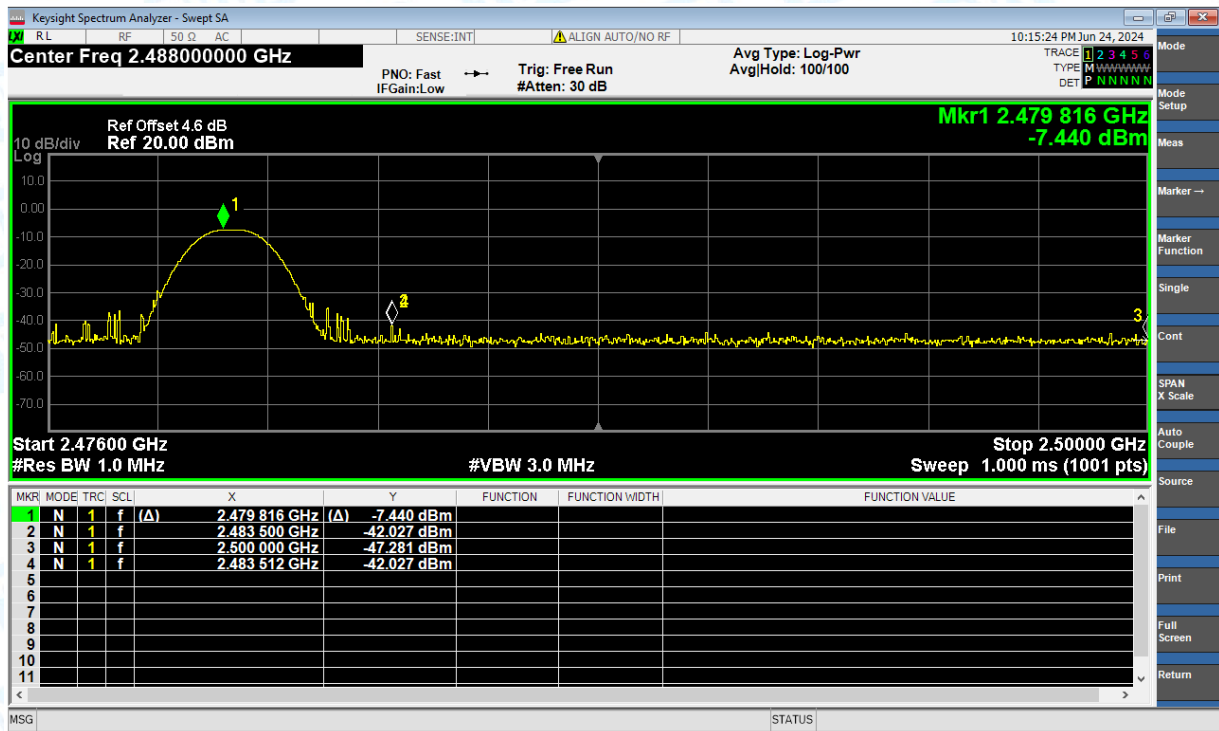
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



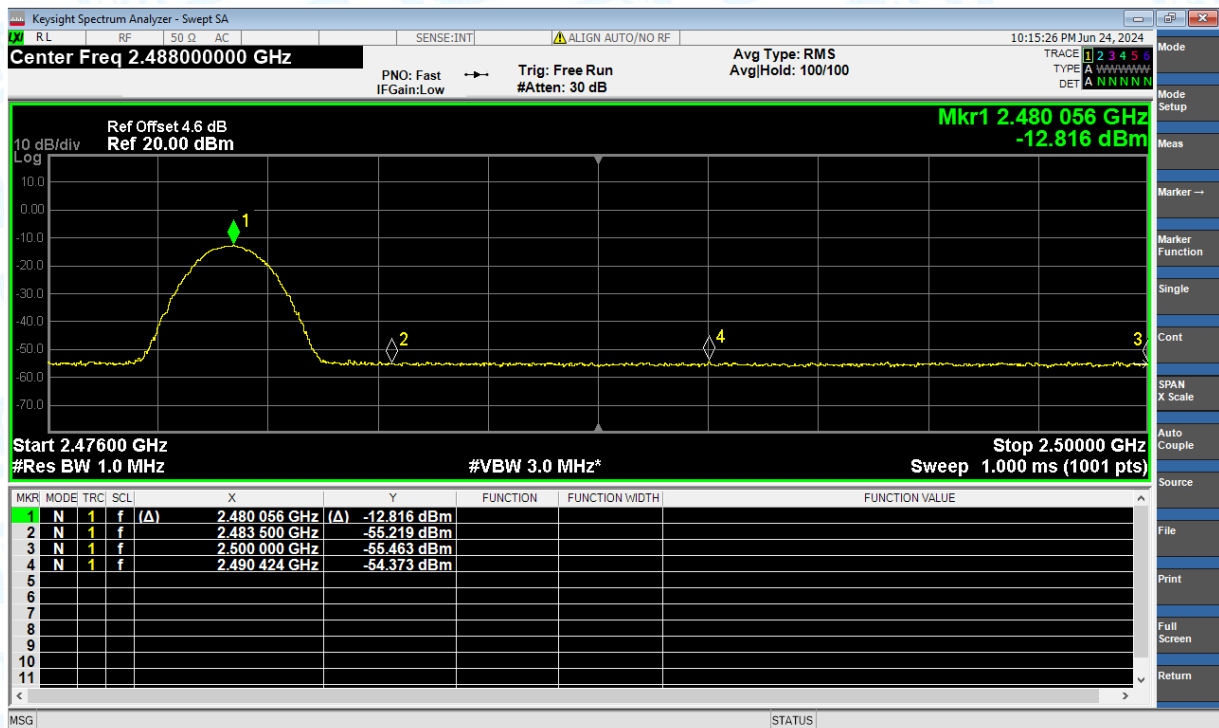
#### Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



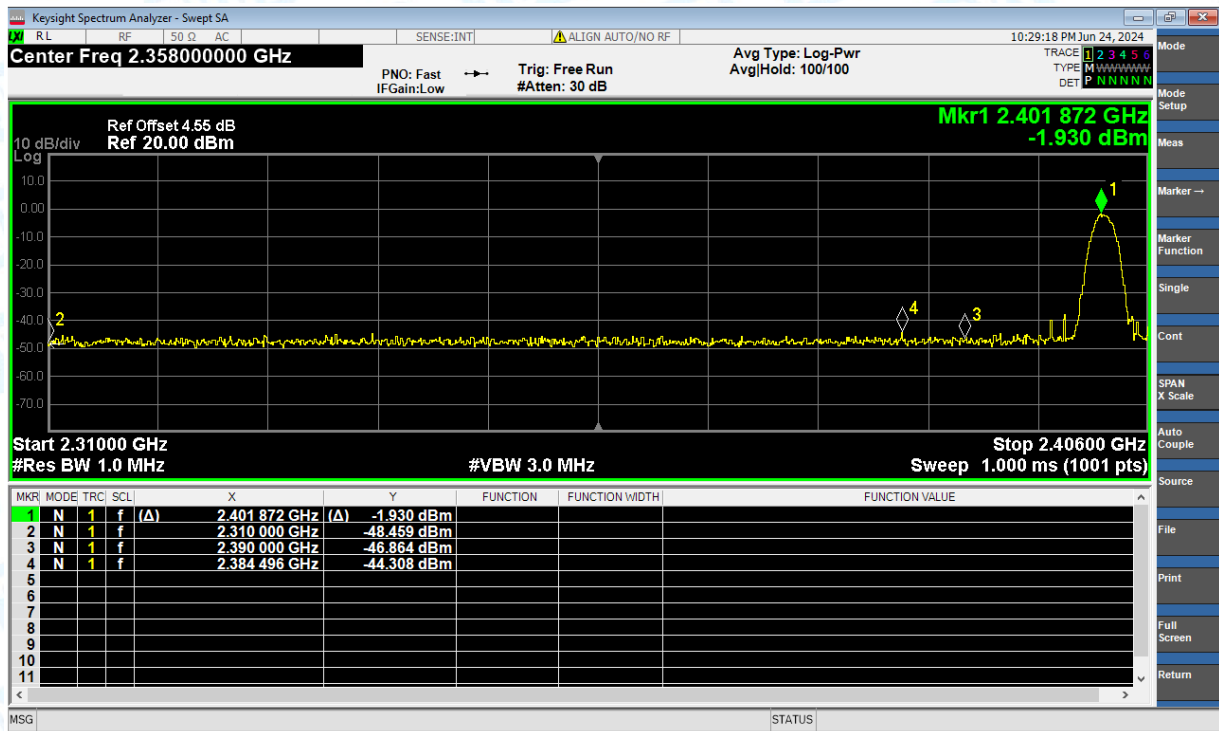
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



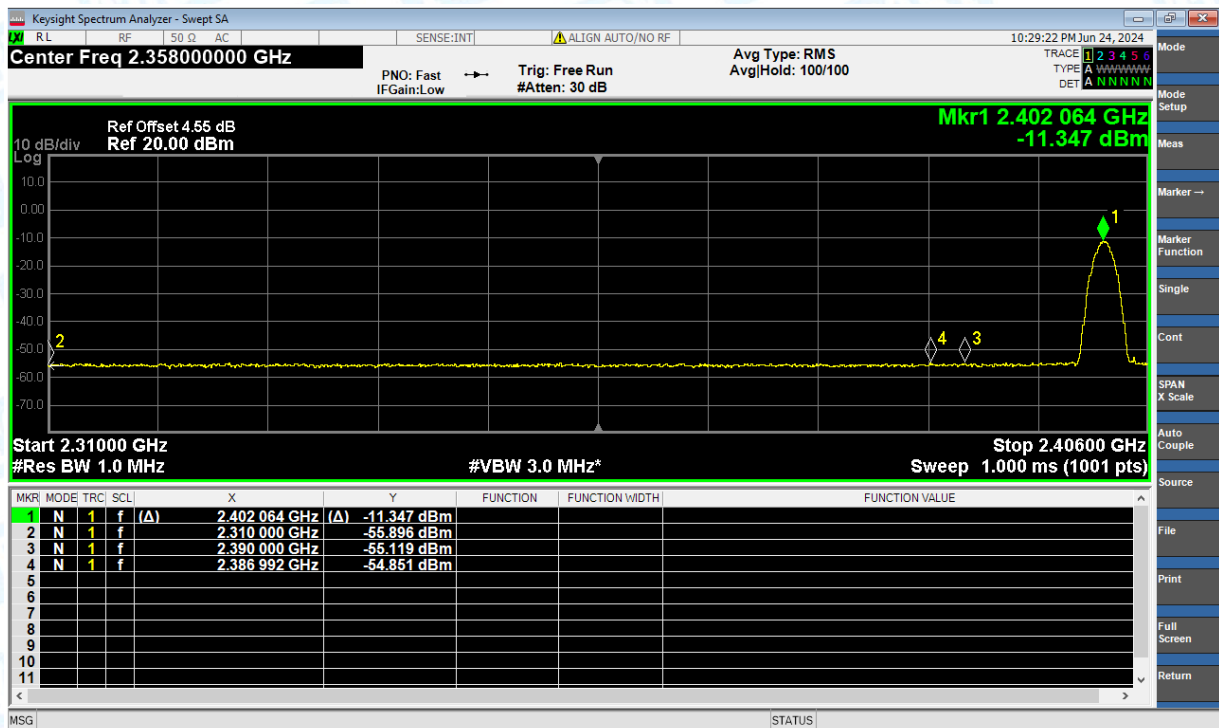
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



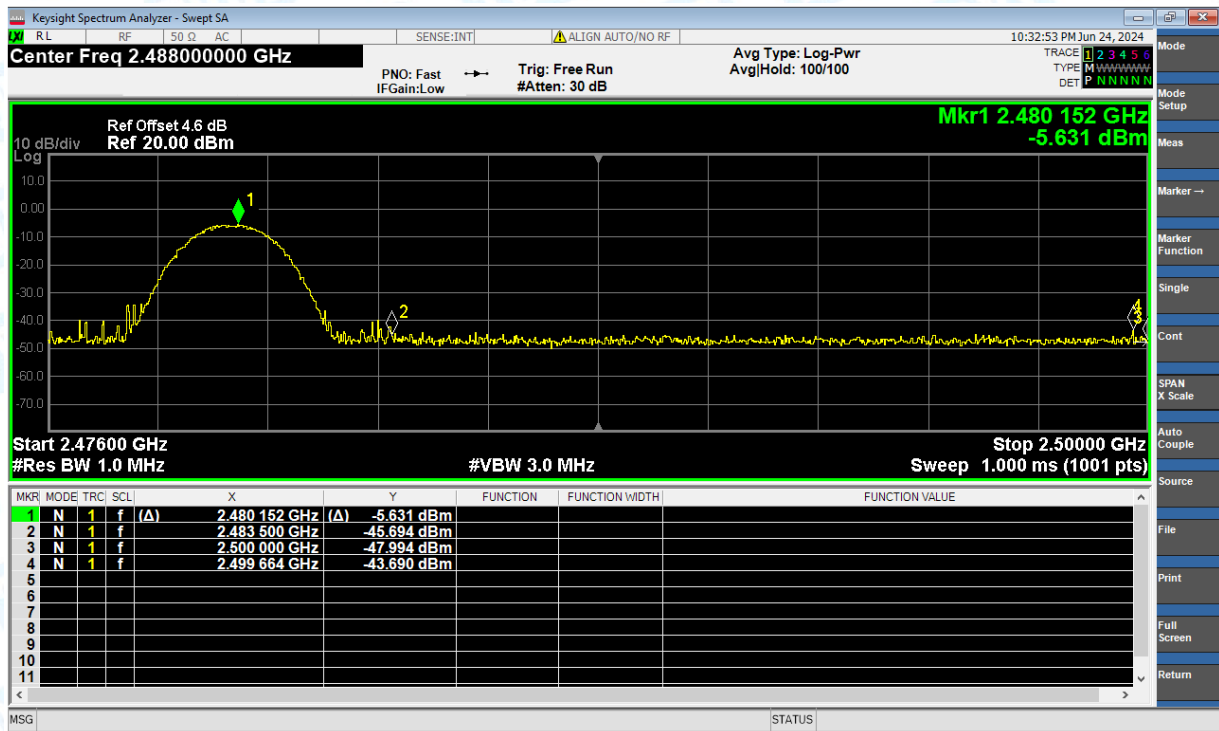
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



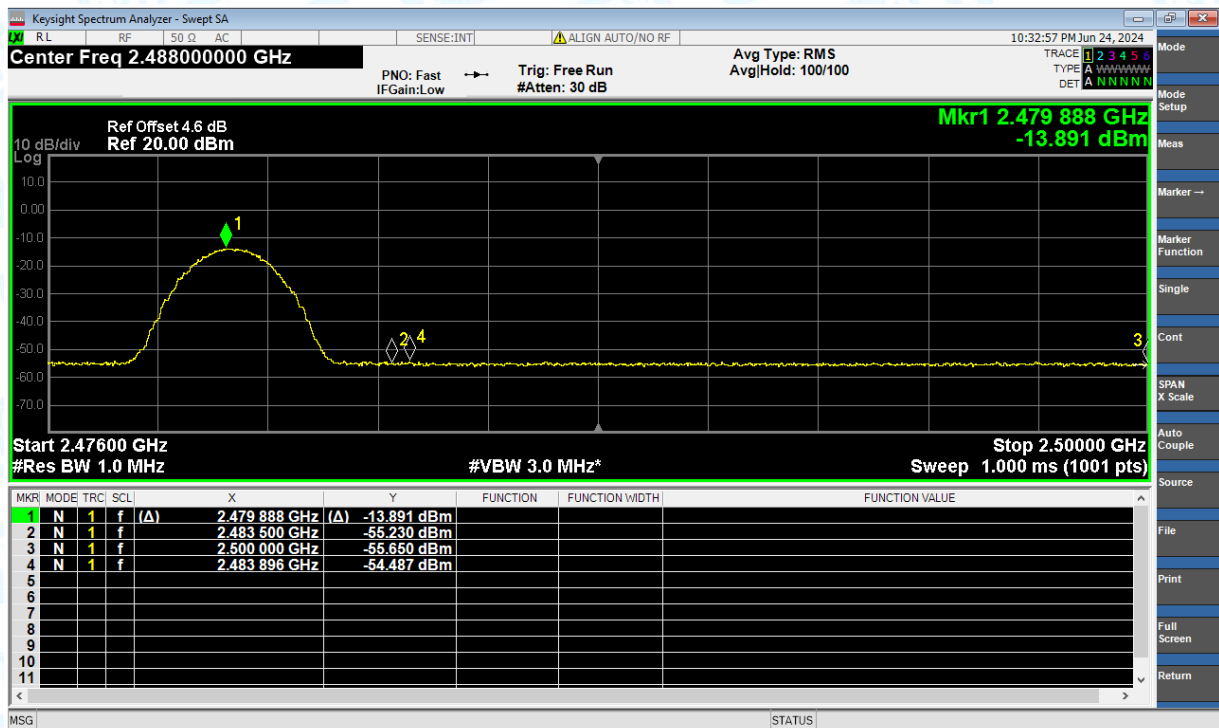
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



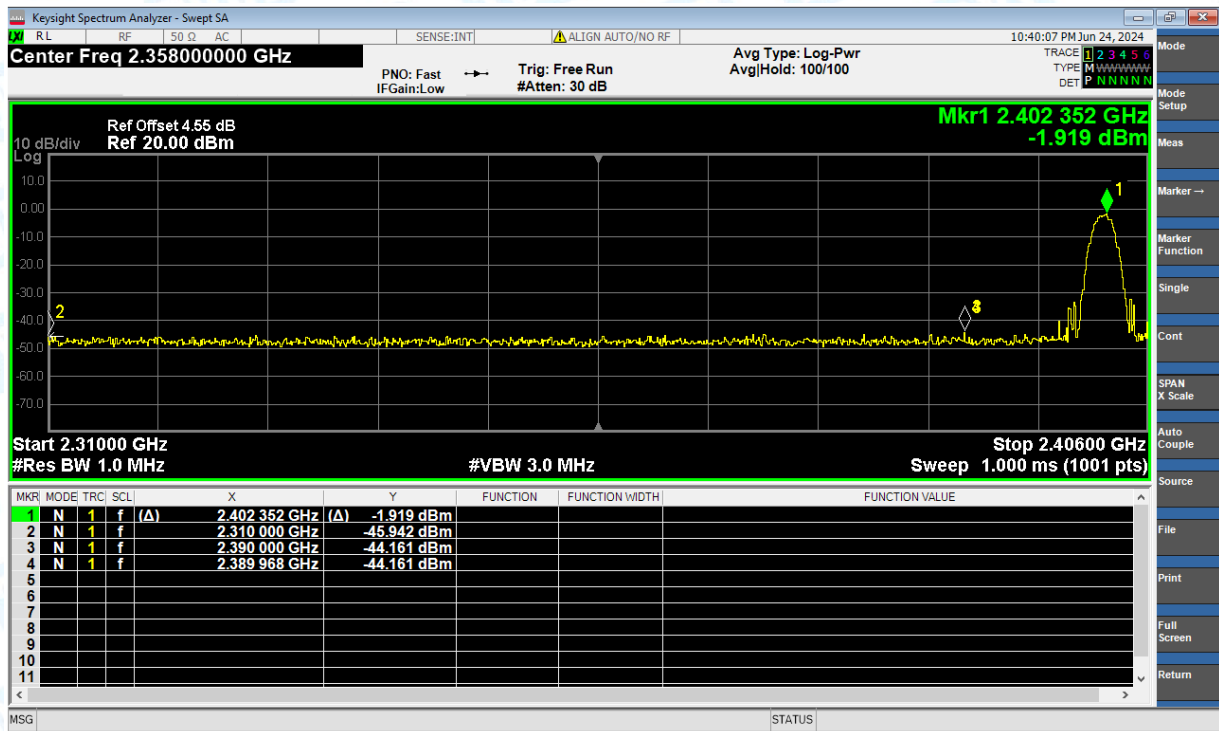
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



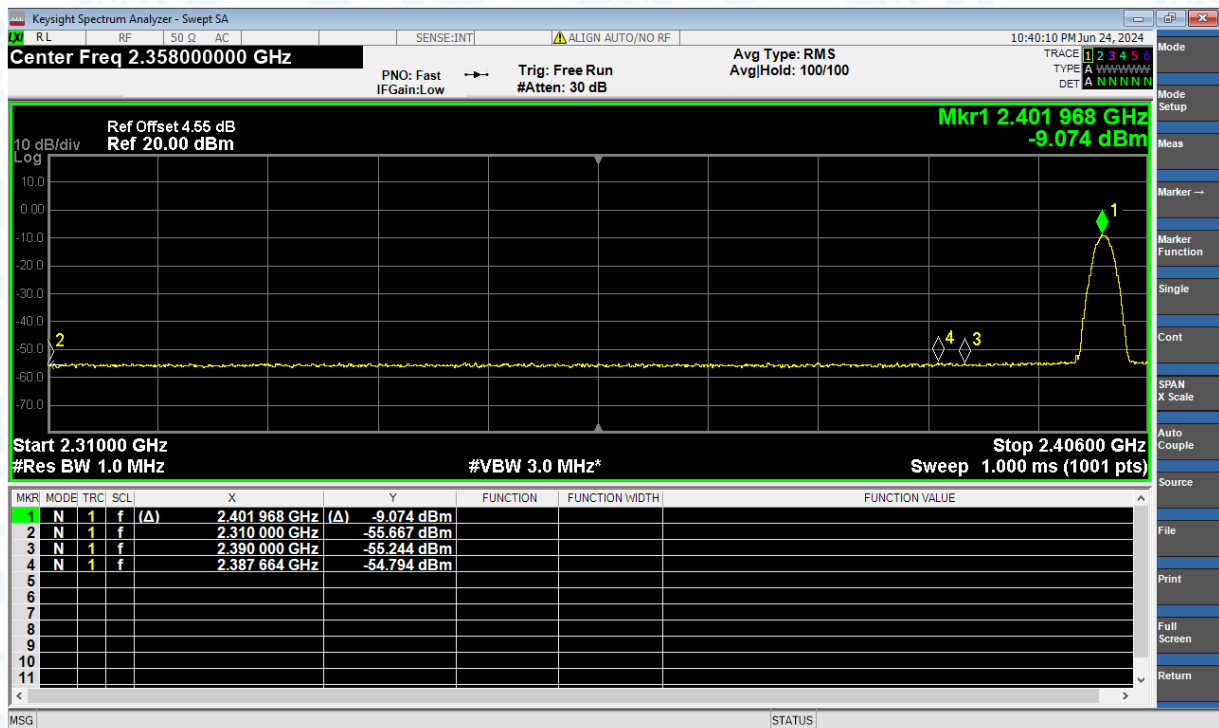
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



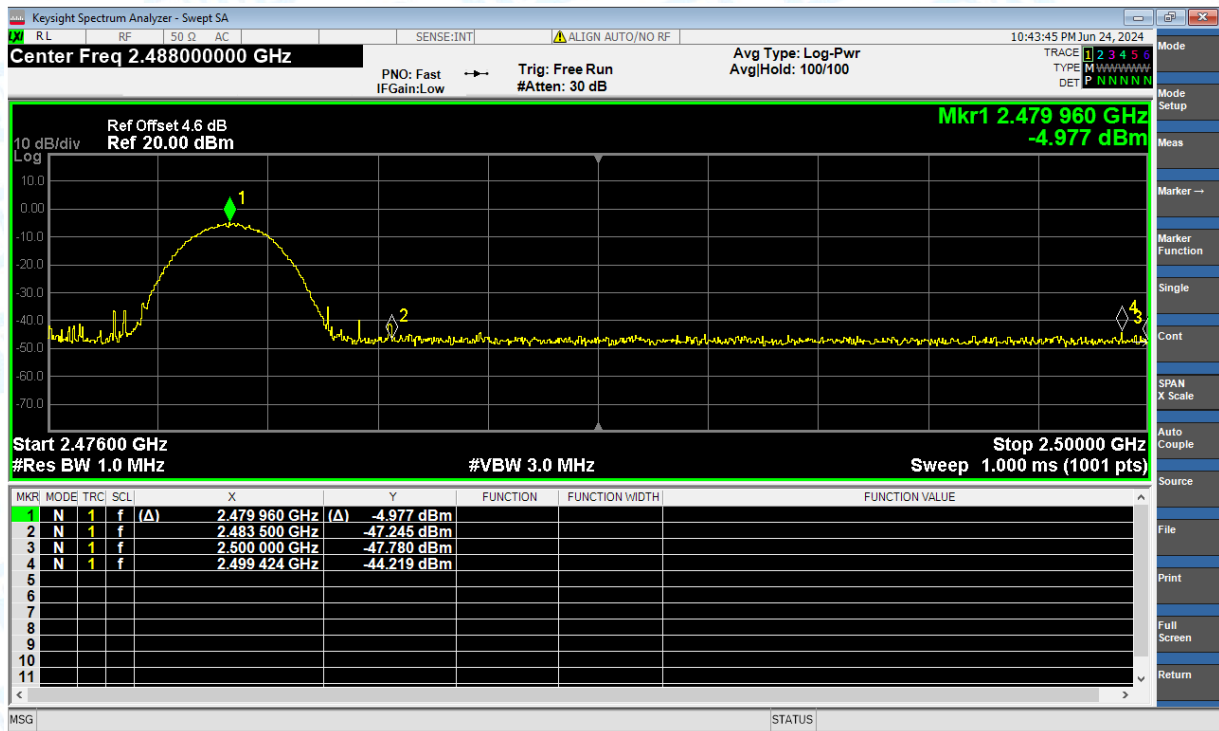
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



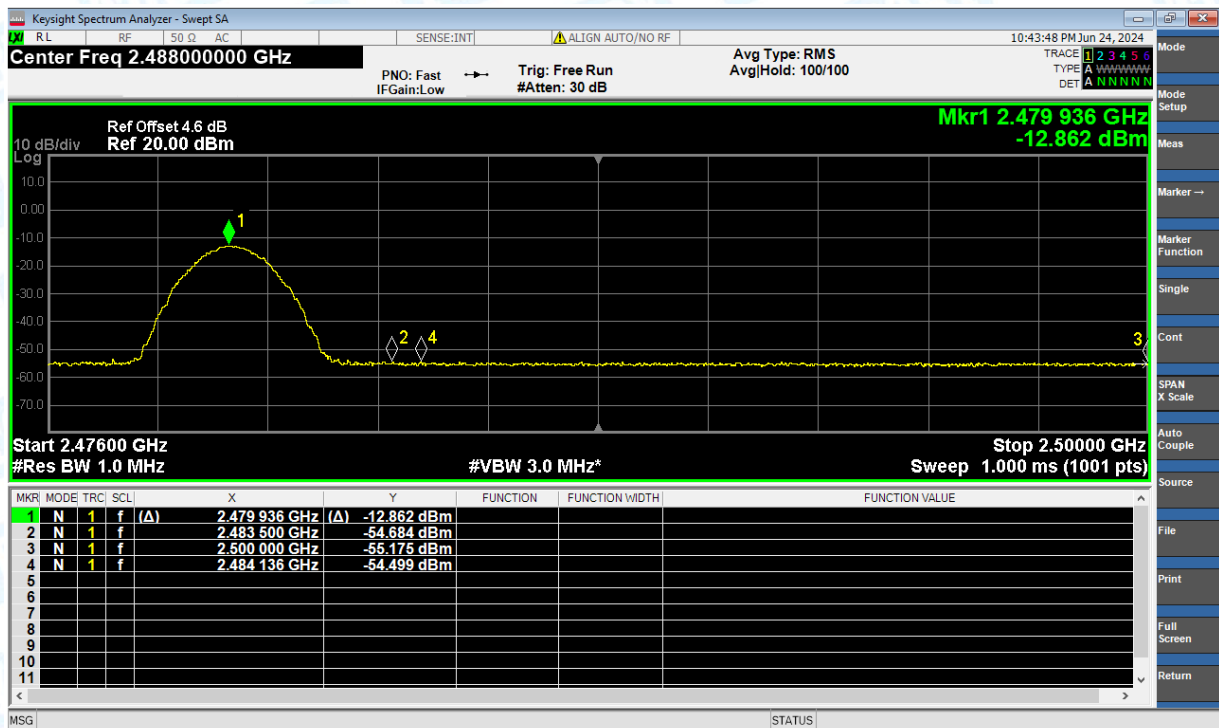
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



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



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



## 9. Carrier Frequencies Separation

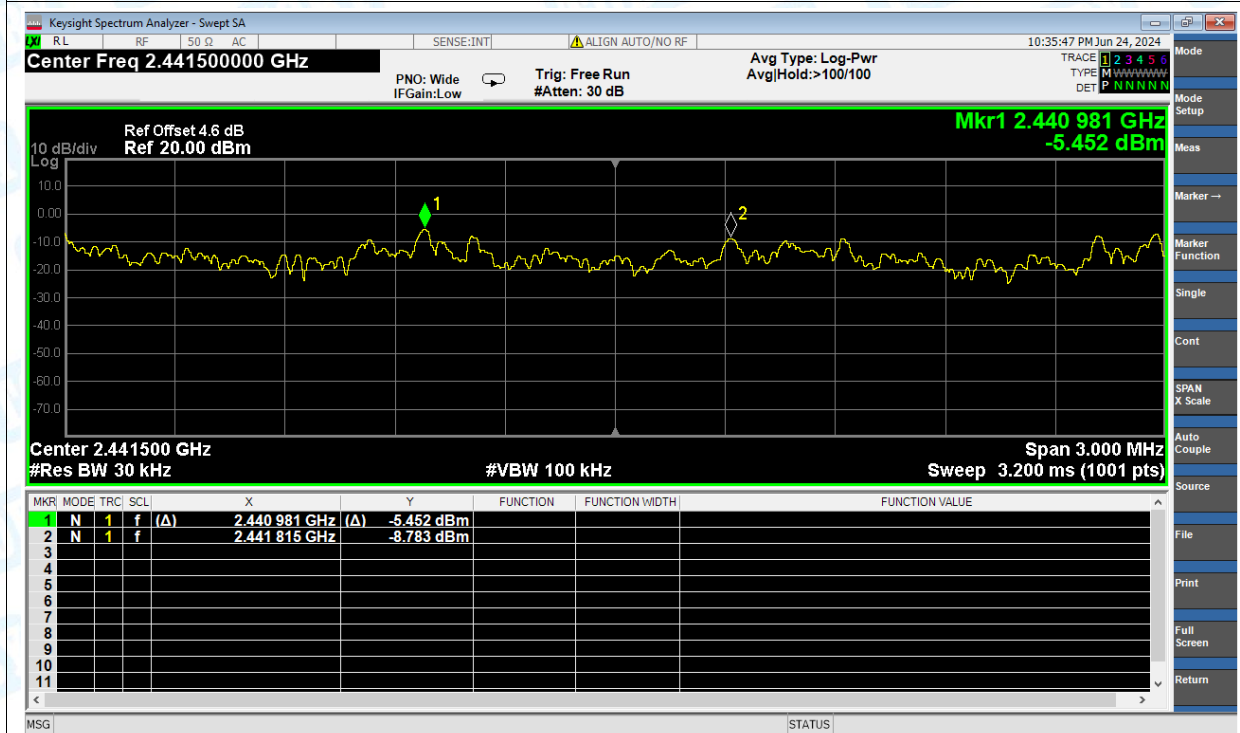
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2440.996            | 2441.986            | 0.99      | 0.58        | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.981            | 2441.815            | 0.834     | 0.833       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2440.99             | 2441.809            | 0.819     | 0.8         | Pass    |

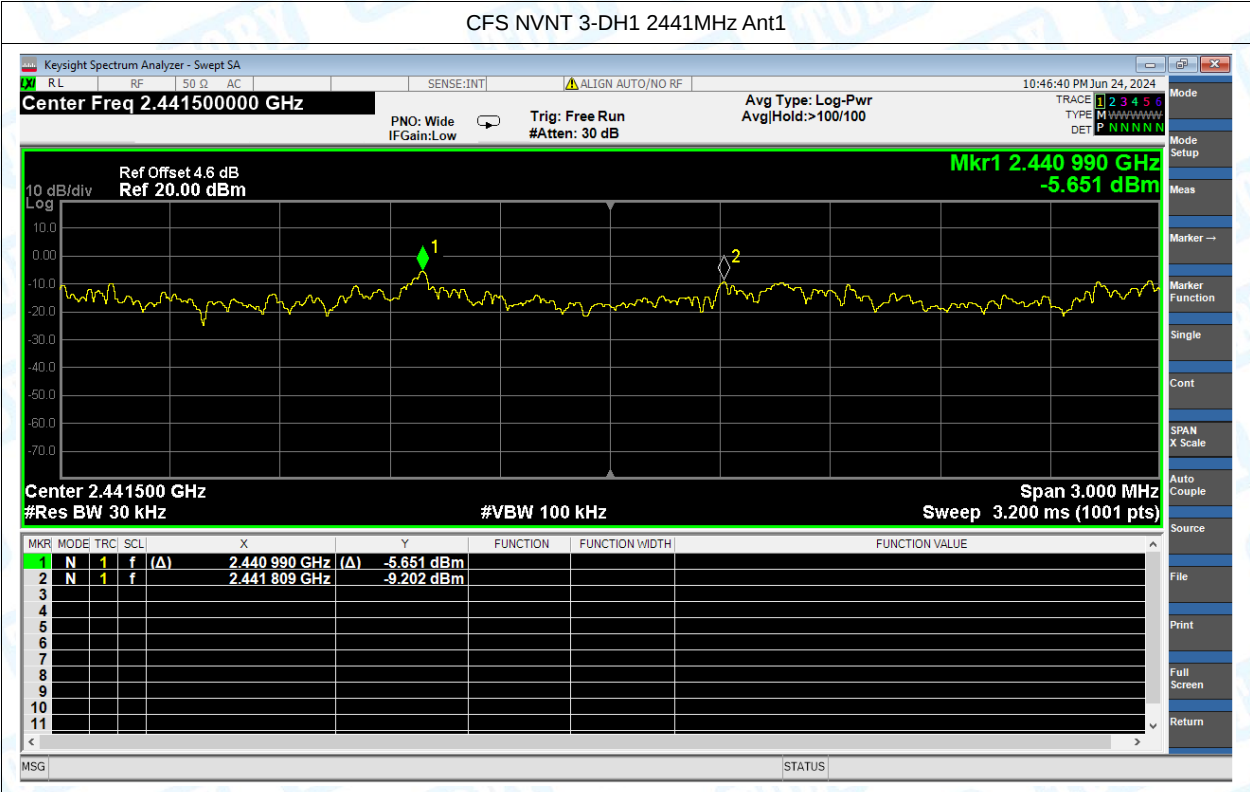
## Test Graphs

### CFS NVNT 1-DH1 2441MHz Ant1



### CFS NVNT 2-DH1 2441MHz Ant1



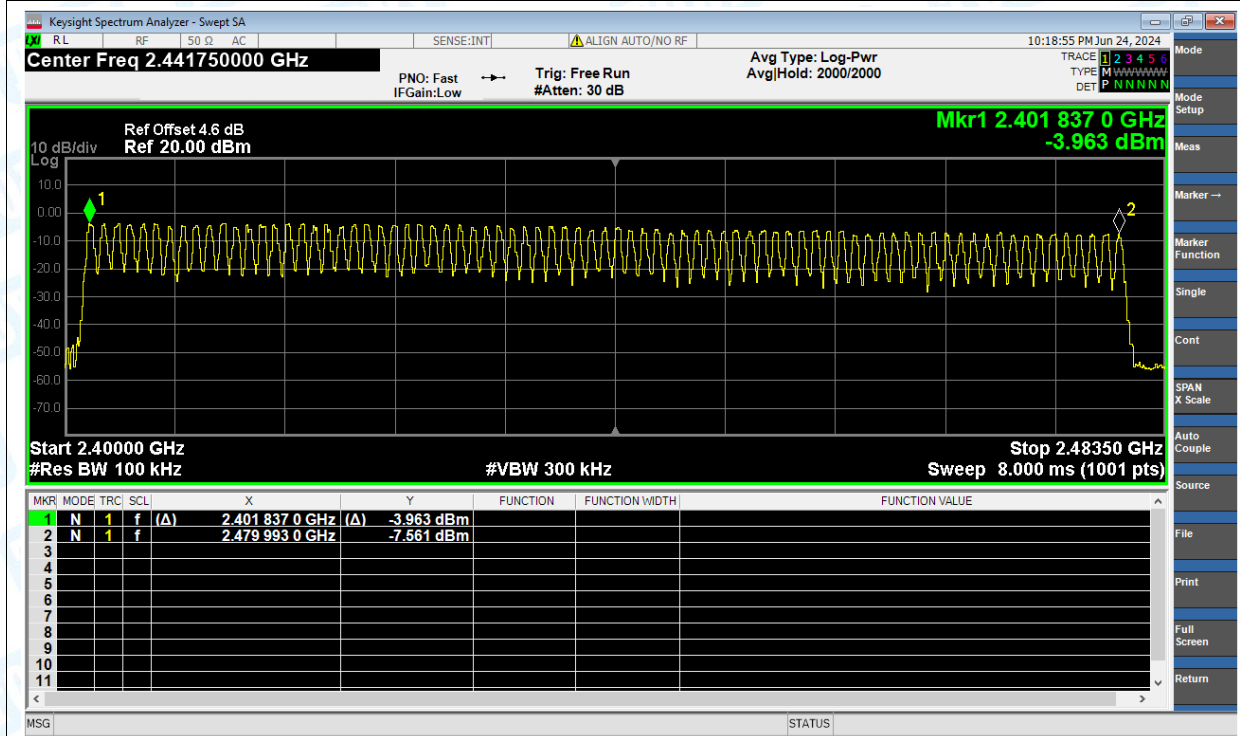


10. Number of Hopping Channel

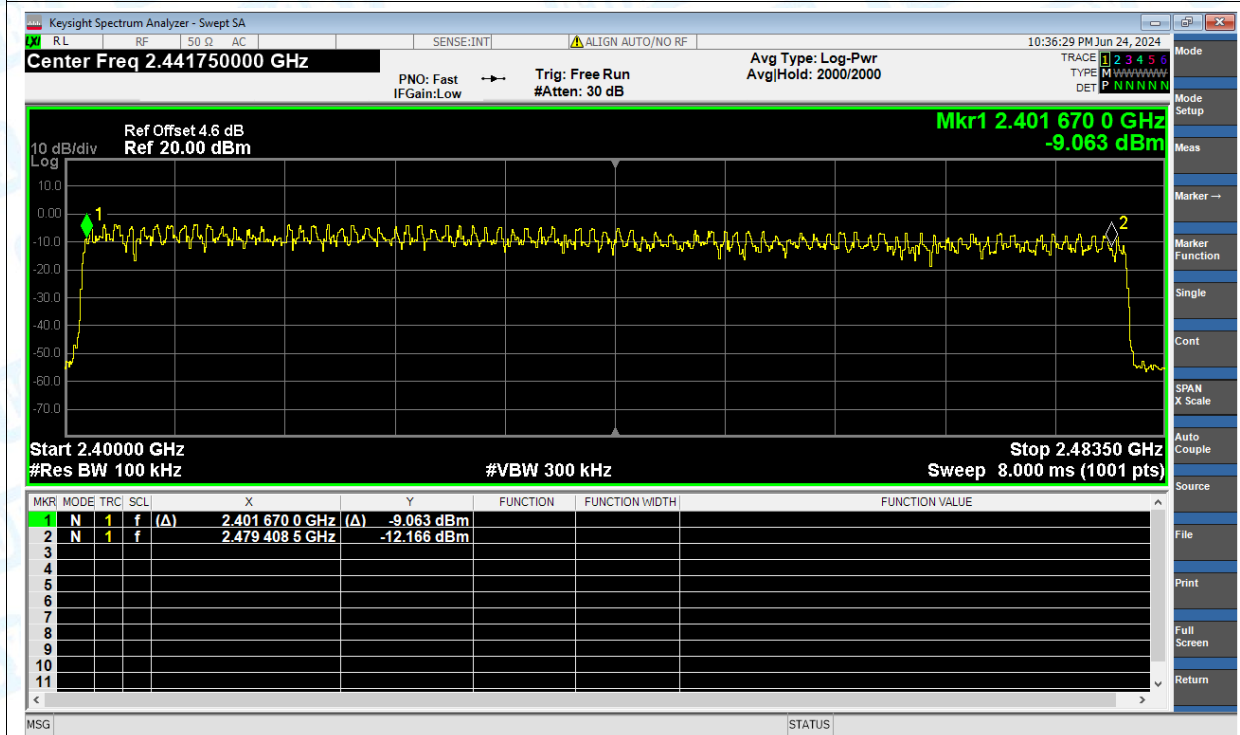
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79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

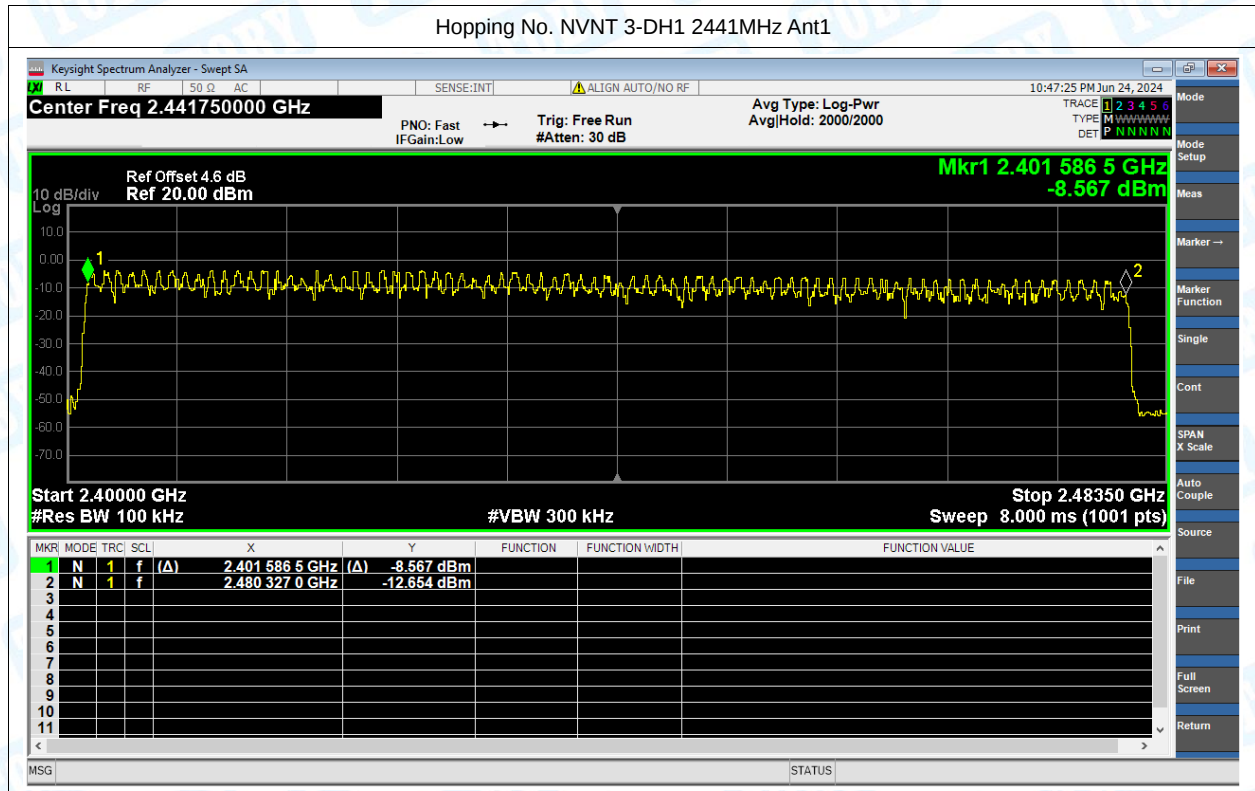
### Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1

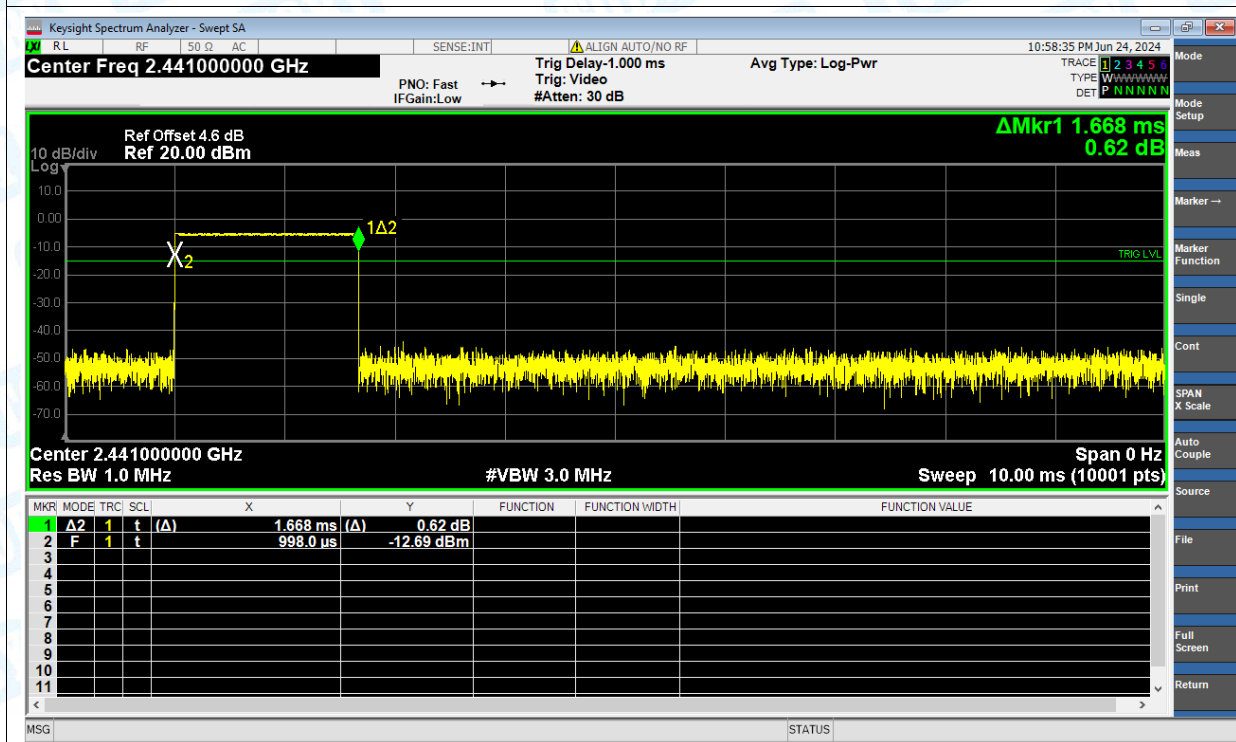
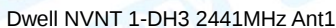




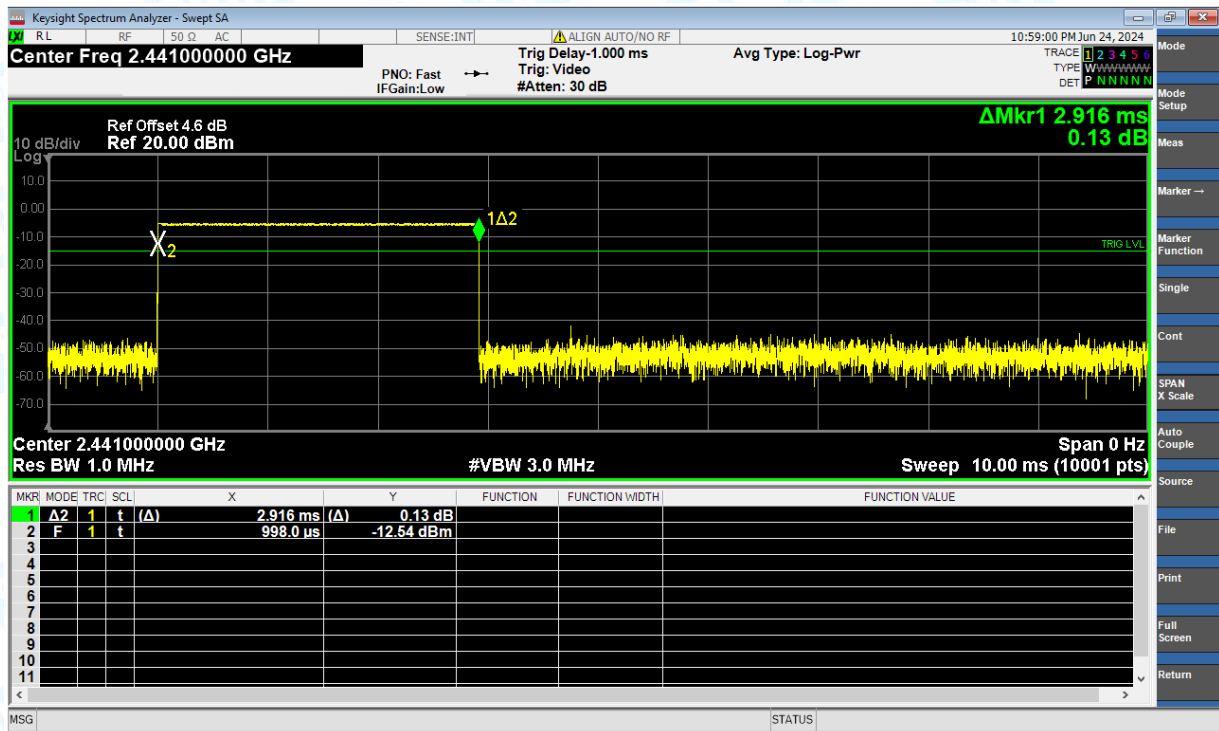
## 11. Dwell Time

| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.411           | 131.52                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.668           | 266.88                | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.916           | 311.04                | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.418           | 133.76                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.67            | 267.2                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.918           | 311.253               | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.42            | 134.4                 | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.669           | 267.04                | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.924           | 311.893               | 31600            | 400        | Pass    |

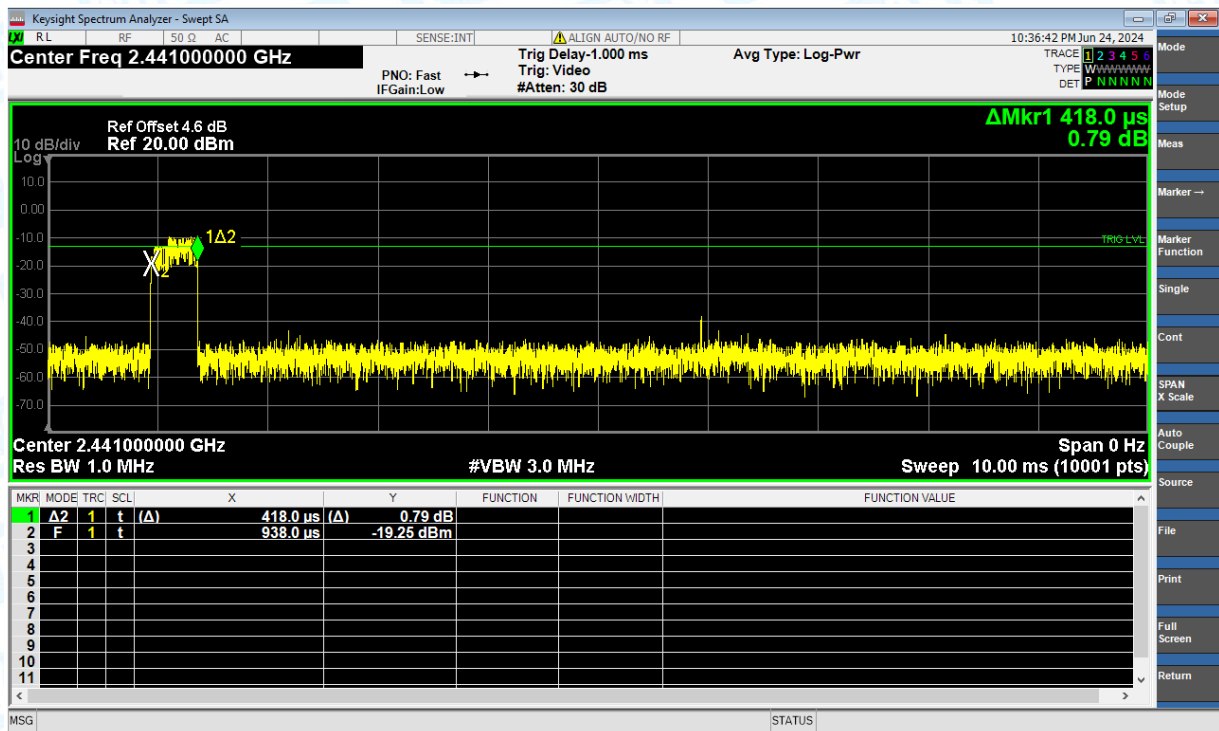
## Dwell NVNT 1-DH1 2441MHz Ant1



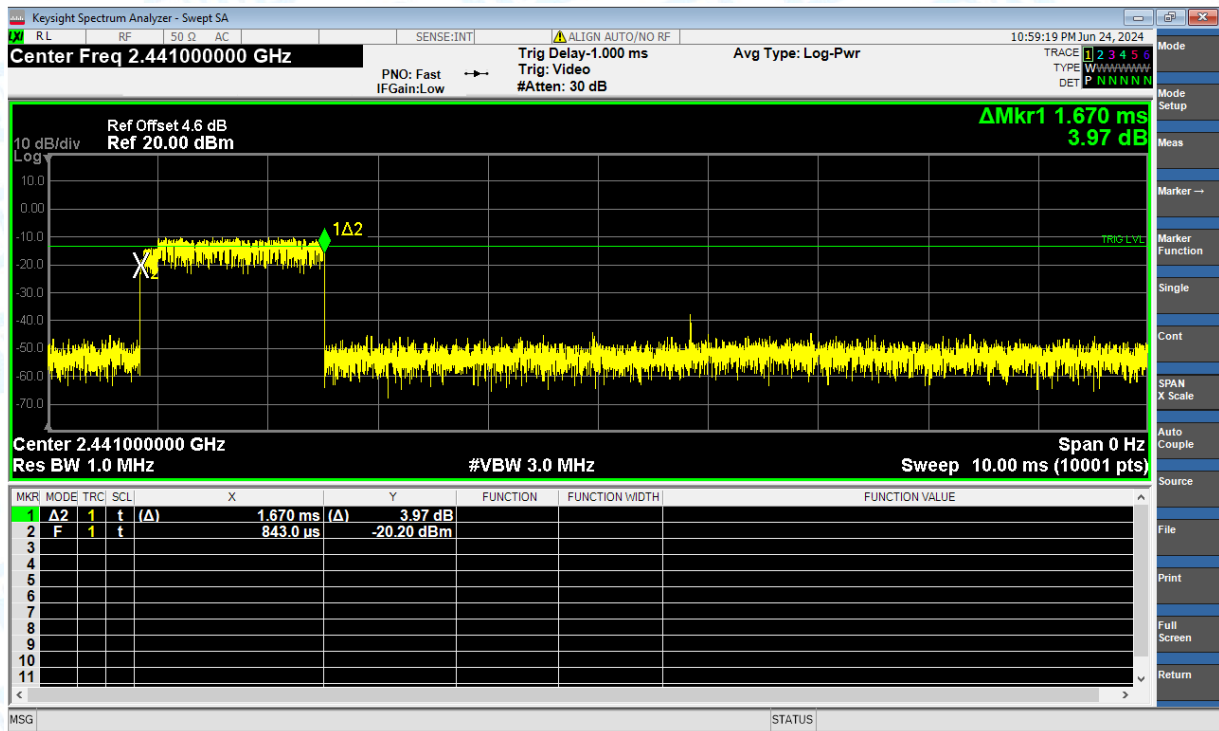
Dwell NVNT 1-DH5 2441MHz Ant1



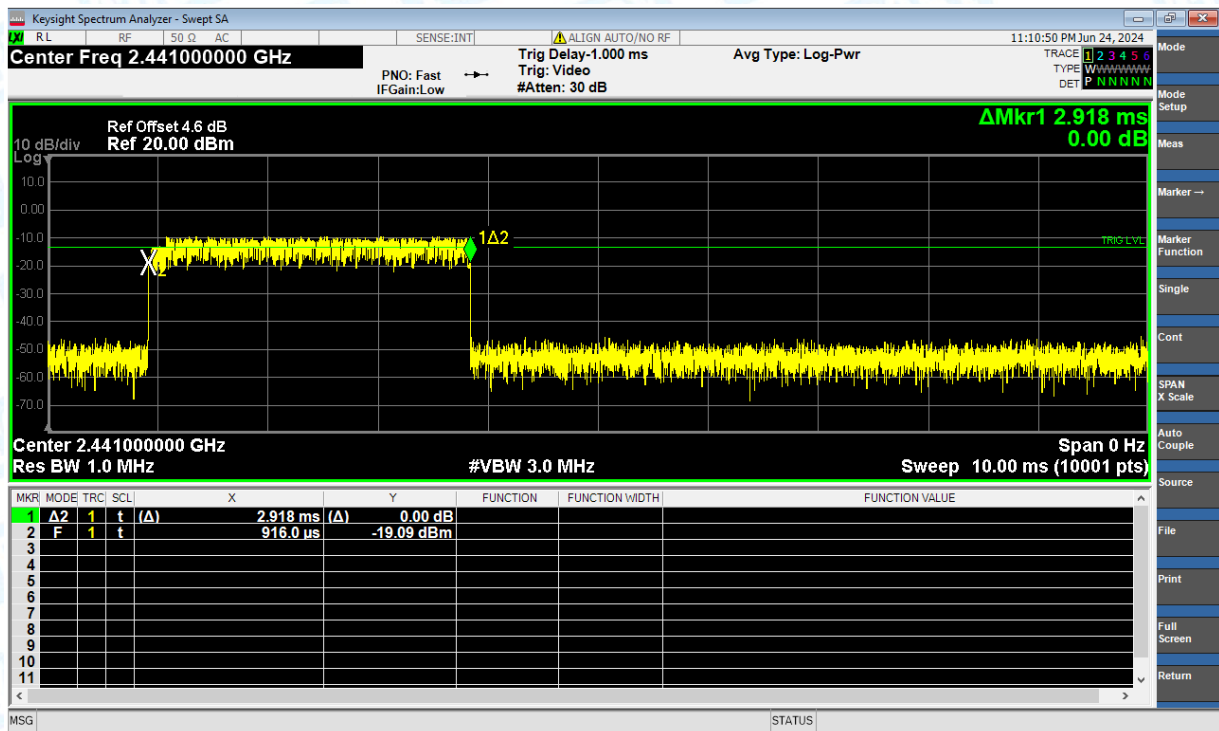
Dwell NVNT 2-DH1 2441MHz Ant1



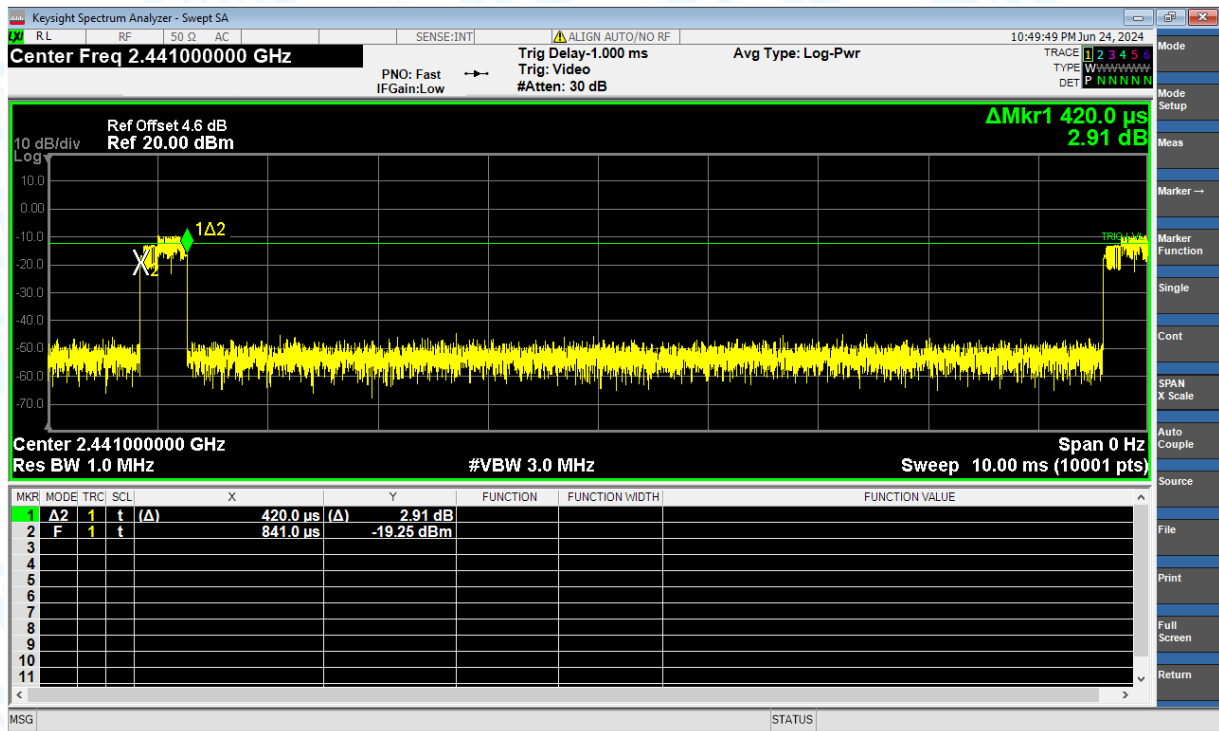
Dwell NVNT 2-DH3 2441MHz Ant1



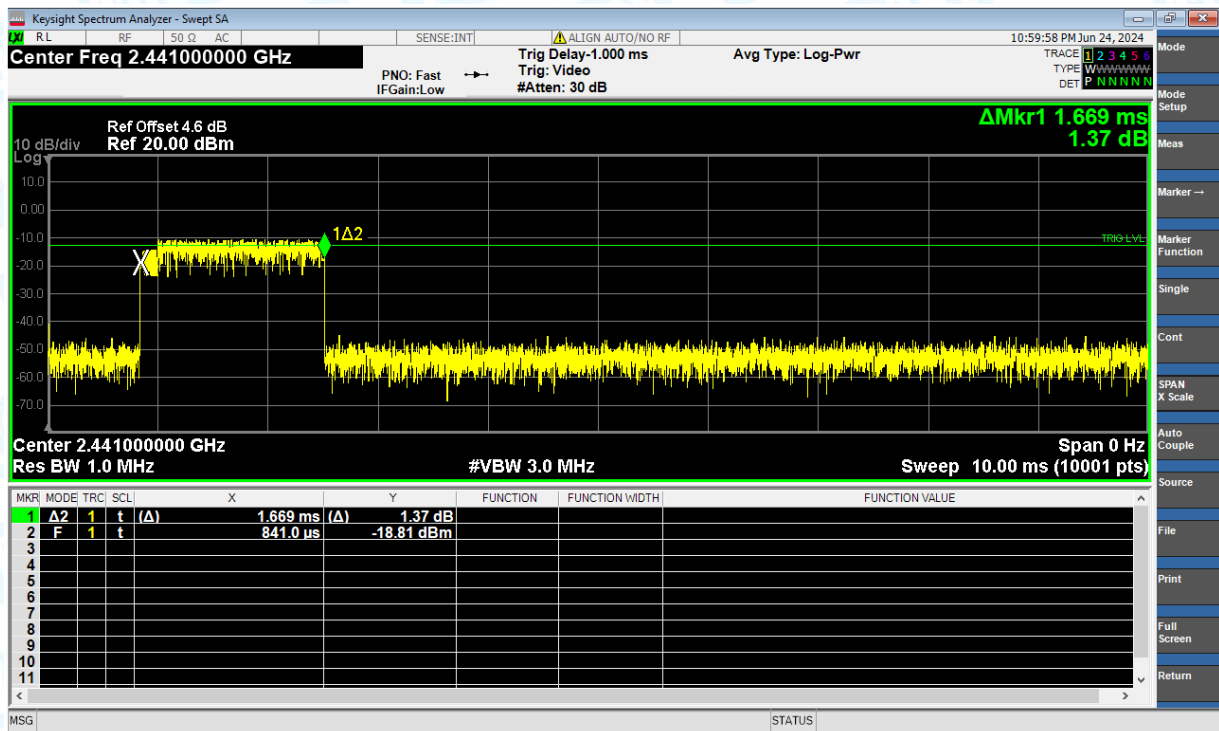
Dwell NVNT 2-DH5 2441MHz Ant1

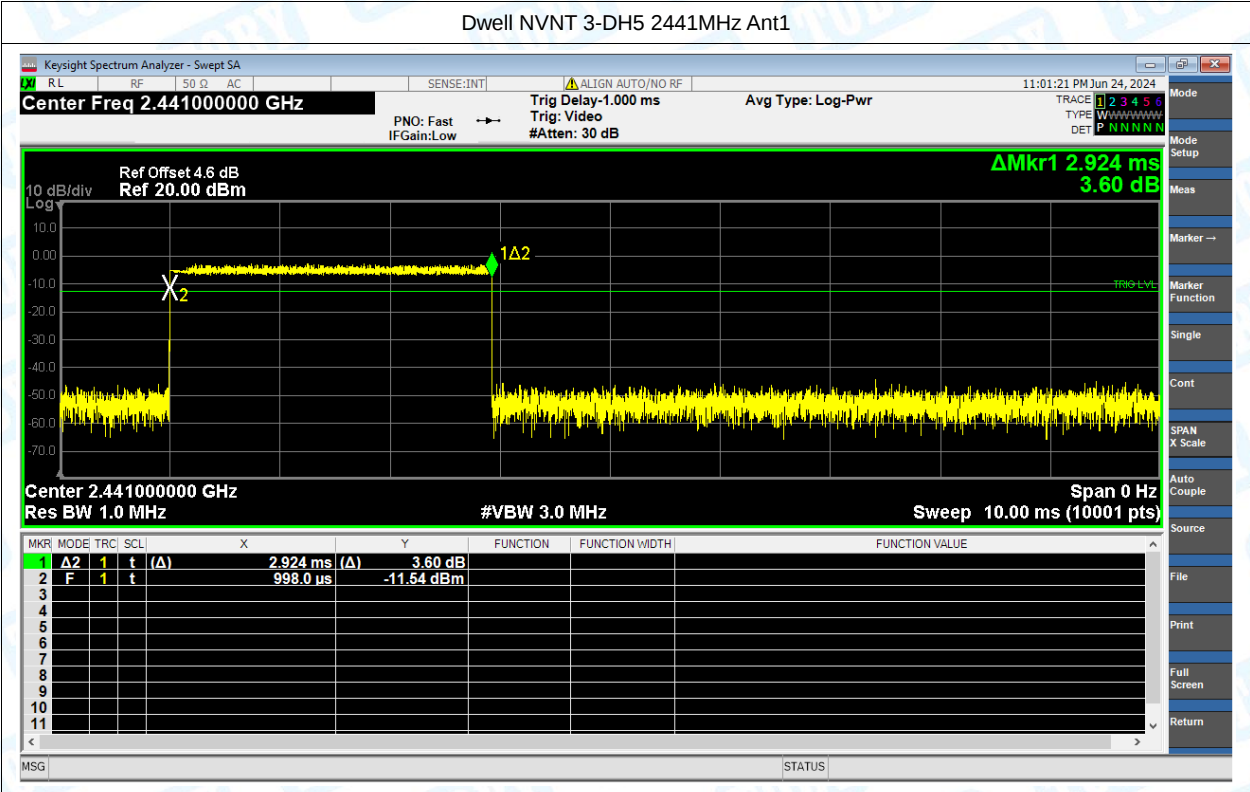


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





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