

## Table of Contents

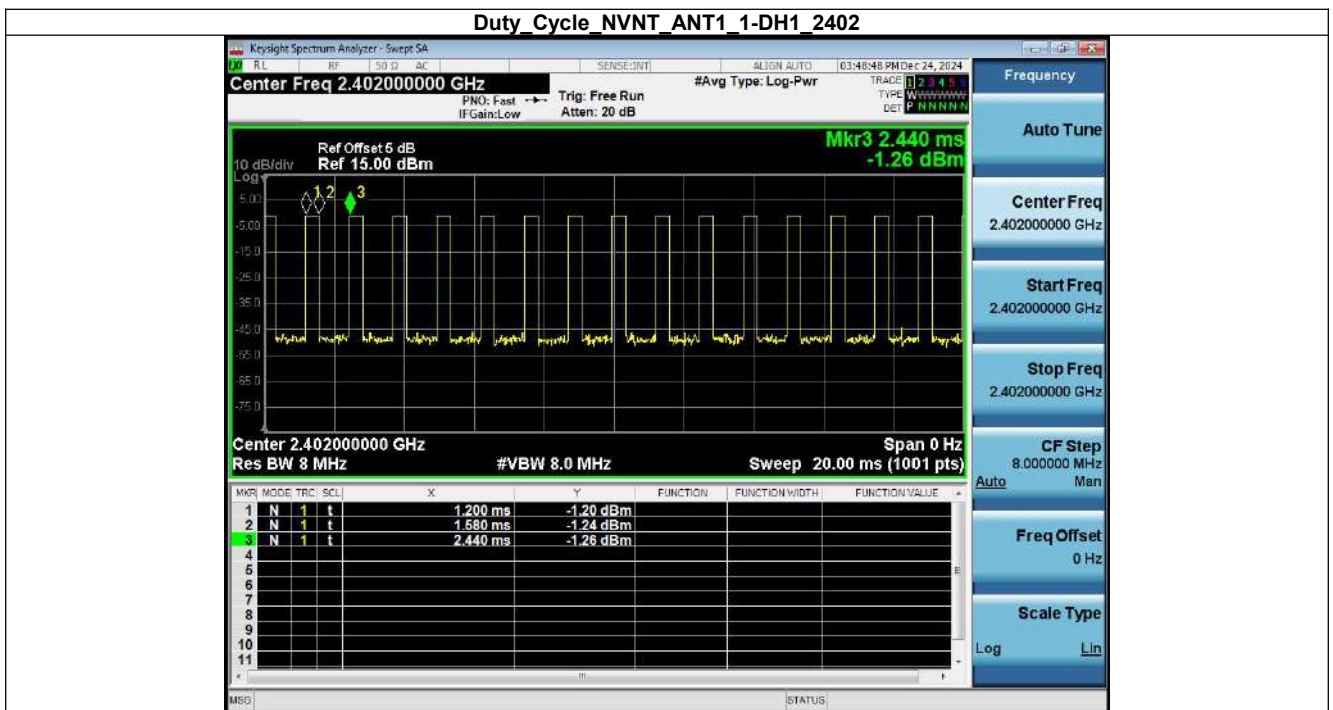
|                                                   |    |
|---------------------------------------------------|----|
| 1. Duty Cycle .....                               | 2  |
| 2. -20dB Bandwidth .....                          | 7  |
| 3. 99% Occupied Bandwidth .....                   | 12 |
| 4. Peak Output Power .....                        | 17 |
| 5. Spurious Emissions .....                       | 22 |
| 6. Bandedge .....                                 | 31 |
| 7. Carrier Frequencies Separation (Hopping) ..... | 44 |
| 8. Number of Hopping Channel (Hopping) .....      | 49 |
| 9. Dwell Time (Hopping) .....                     | 51 |

# FCC ID EDR

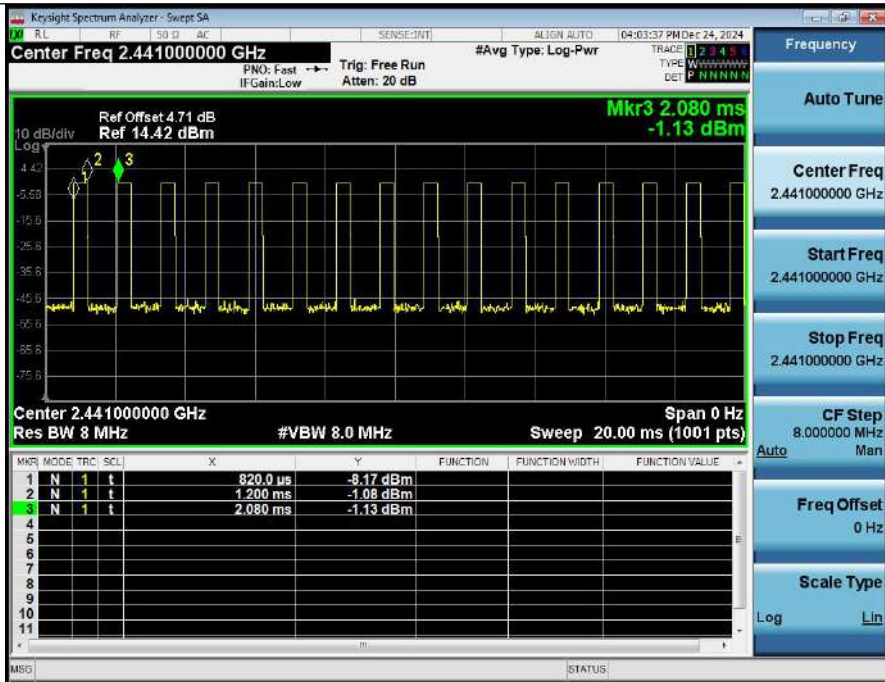
## FCC\_BT (Part15.247) Test Data

### 1. Duty Cycle

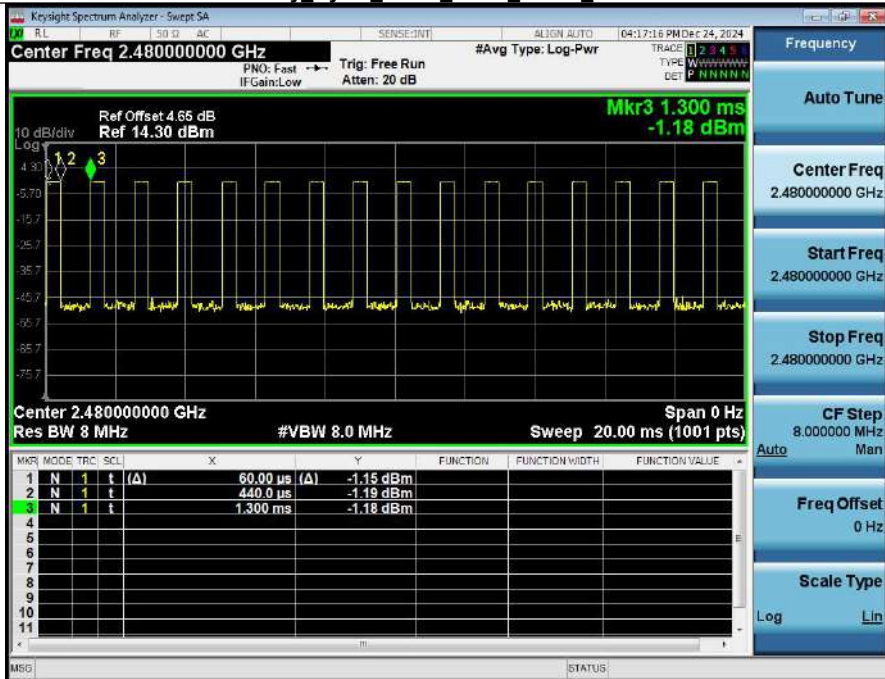
| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1-DH1 | 2402.00         | 32.26        | 4.91        |
| NVNT      | ANT1    | 1-DH1 | 2441.00         | 30.16        | 5.21        |
| NVNT      | ANT1    | 1-DH1 | 2480.00         | 30.65        | 5.14        |
| NVNT      | ANT1    | 2-DH1 | 2402.00         | 30.16        | 5.21        |
| NVNT      | ANT1    | 2-DH1 | 2441.00         | 30.65        | 5.14        |
| NVNT      | ANT1    | 2-DH1 | 2480.00         | 31.75        | 4.98        |
| NVNT      | ANT1    | 3-DH1 | 2402.00         | 30.65        | 5.14        |
| NVNT      | ANT1    | 3-DH1 | 2441.00         | 31.75        | 4.98        |
| NVNT      | ANT1    | 3-DH1 | 2480.00         | 33.33        | 4.77        |



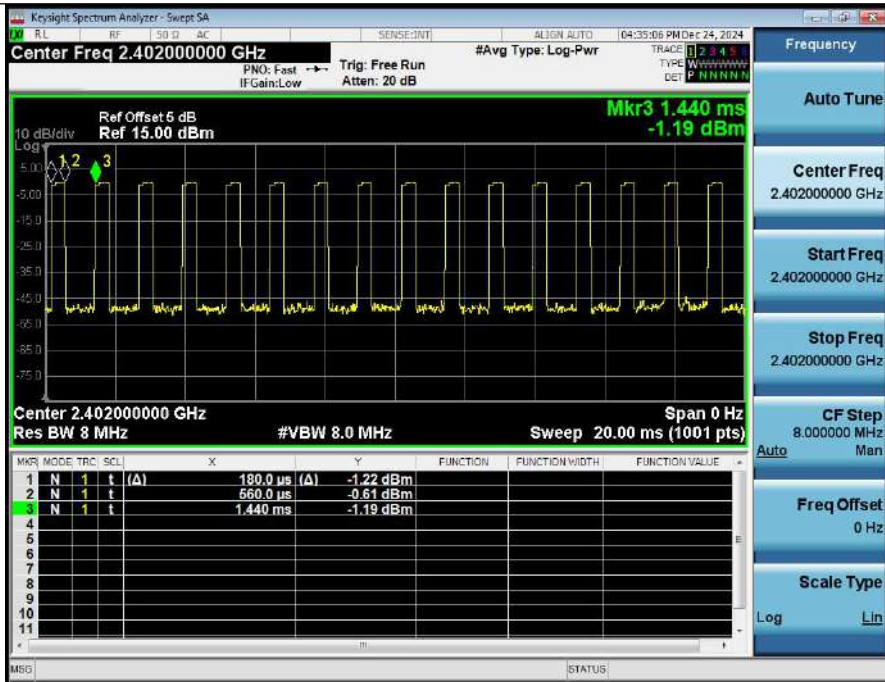
**Duty\_Cycle\_NVNT\_ANT1\_1-DH1\_2441**



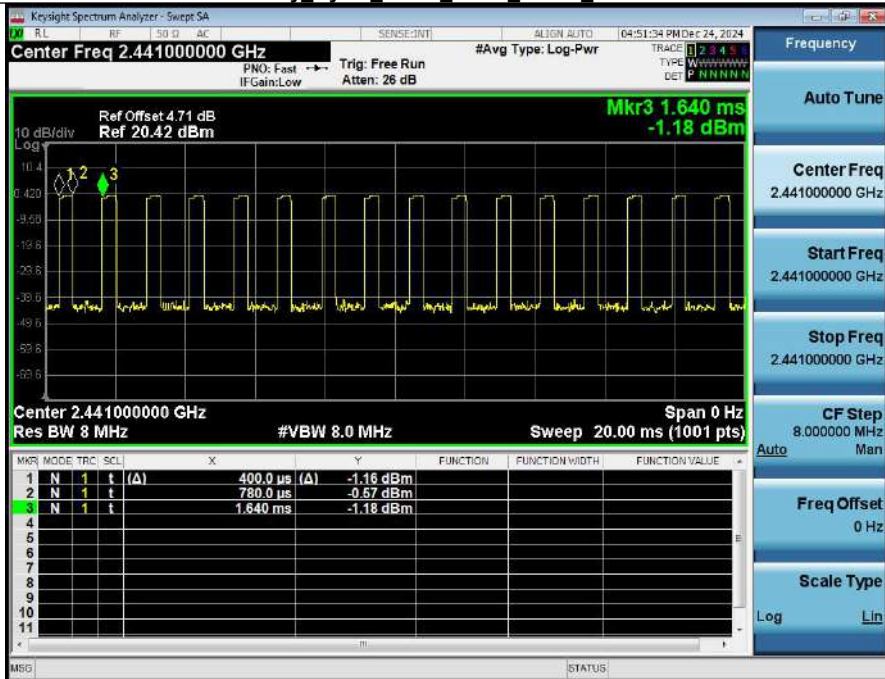
Duty Cycle\_NVNT\_ANT1 1-DH1\_2480



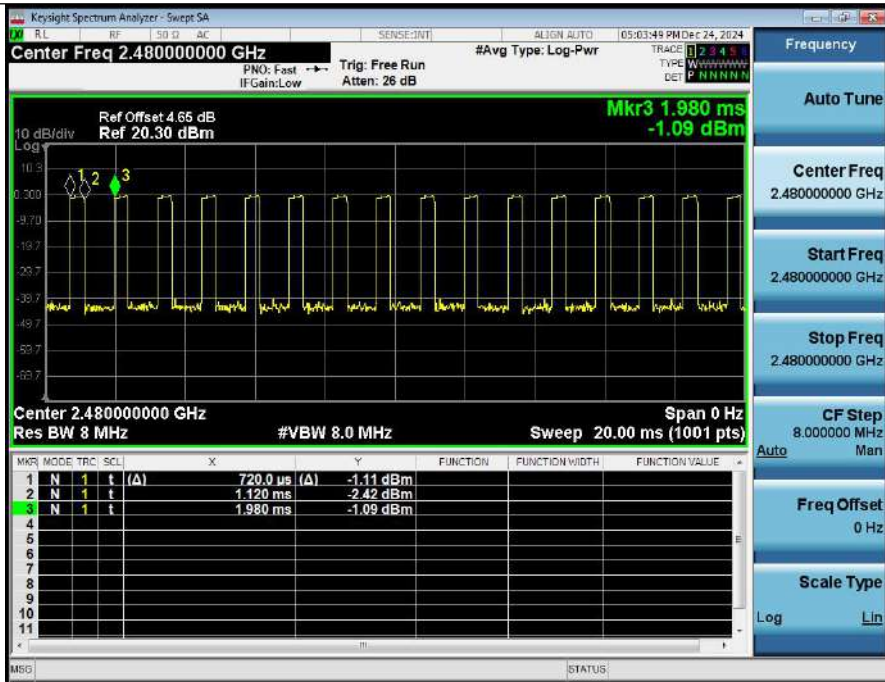
Duty Cycle\_NVNT\_ANT1 2-DH1\_2402



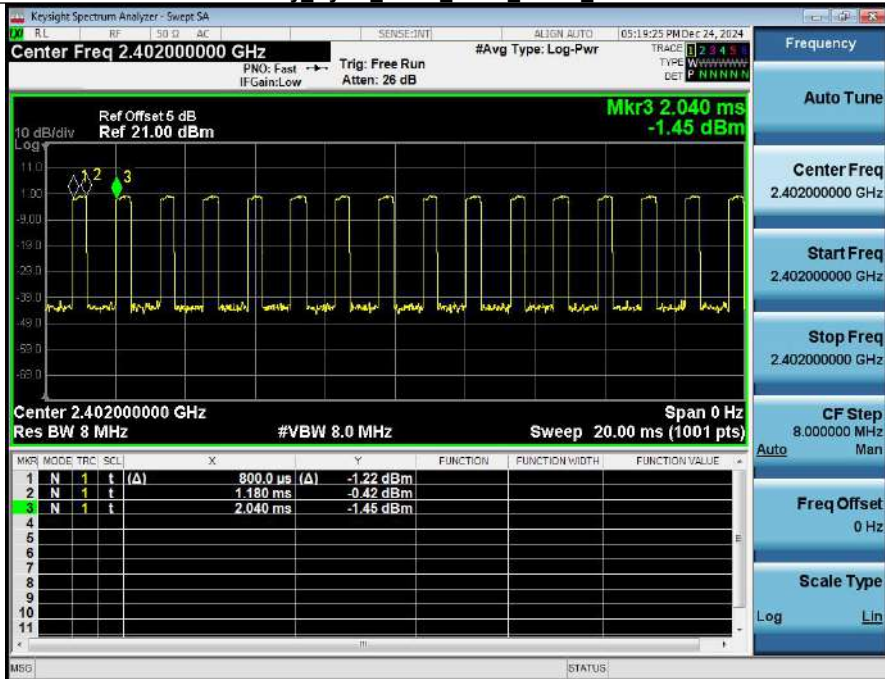
Duty Cycle\_NVNT\_ANT1 2-DH1\_2441



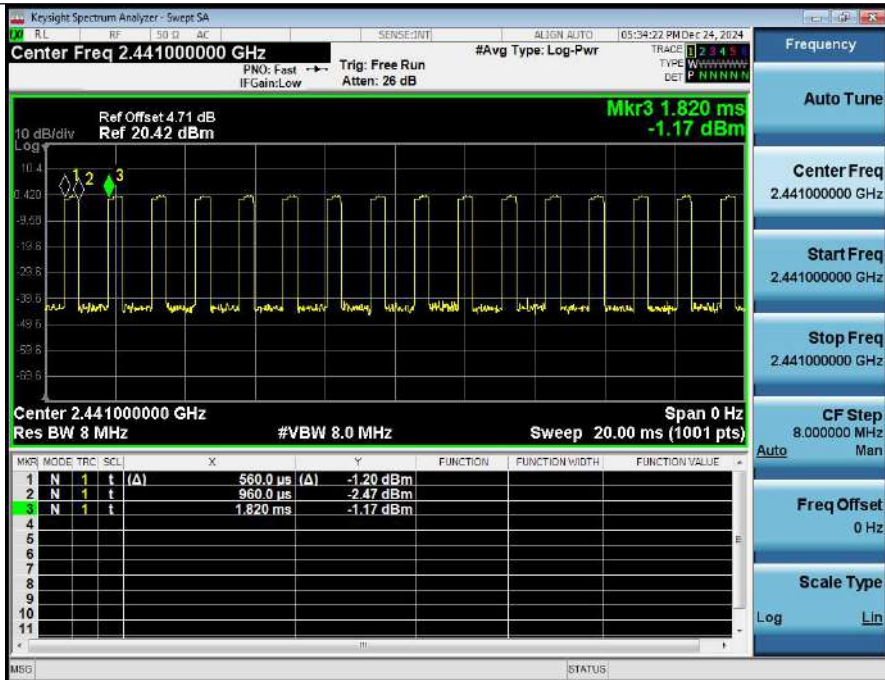
Duty Cycle\_NVNT\_ANT1 2-DH1\_2480



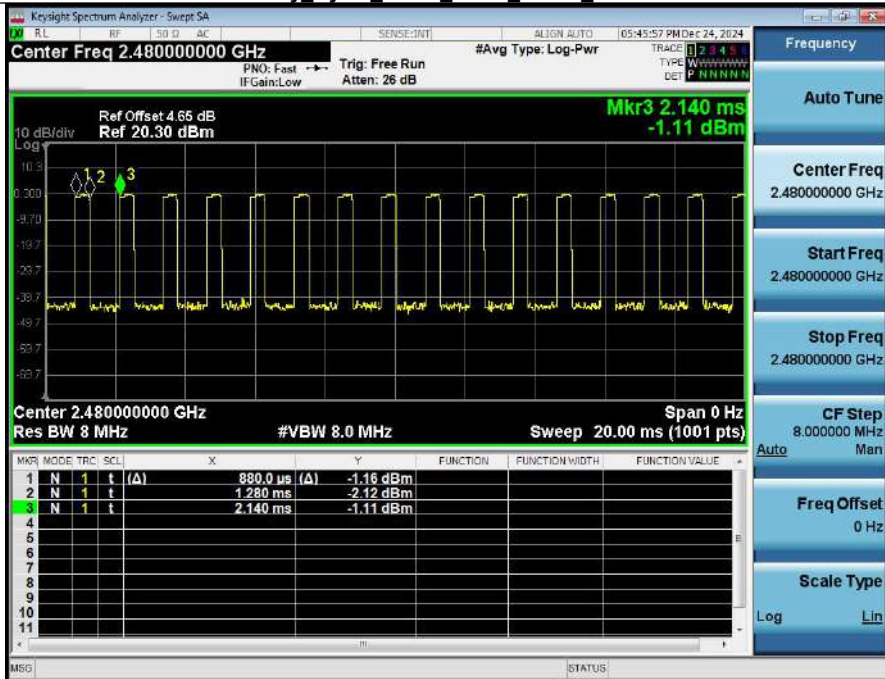
Duty Cycle\_NVNT\_ANT1\_3-DH1\_2402



Duty Cycle\_NVNT\_ANT1\_3-DH1\_2441



### Duty Cycle\_NVNT\_ANT1 3-DH1 2480



2. -20dB Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 1.008         | Yes                |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 1.034         | Yes                |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 1.041         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.292         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.297         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.292         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.257         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.259         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.280         | Yes                |



-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2402\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2441\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2480\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2402\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2441\_00

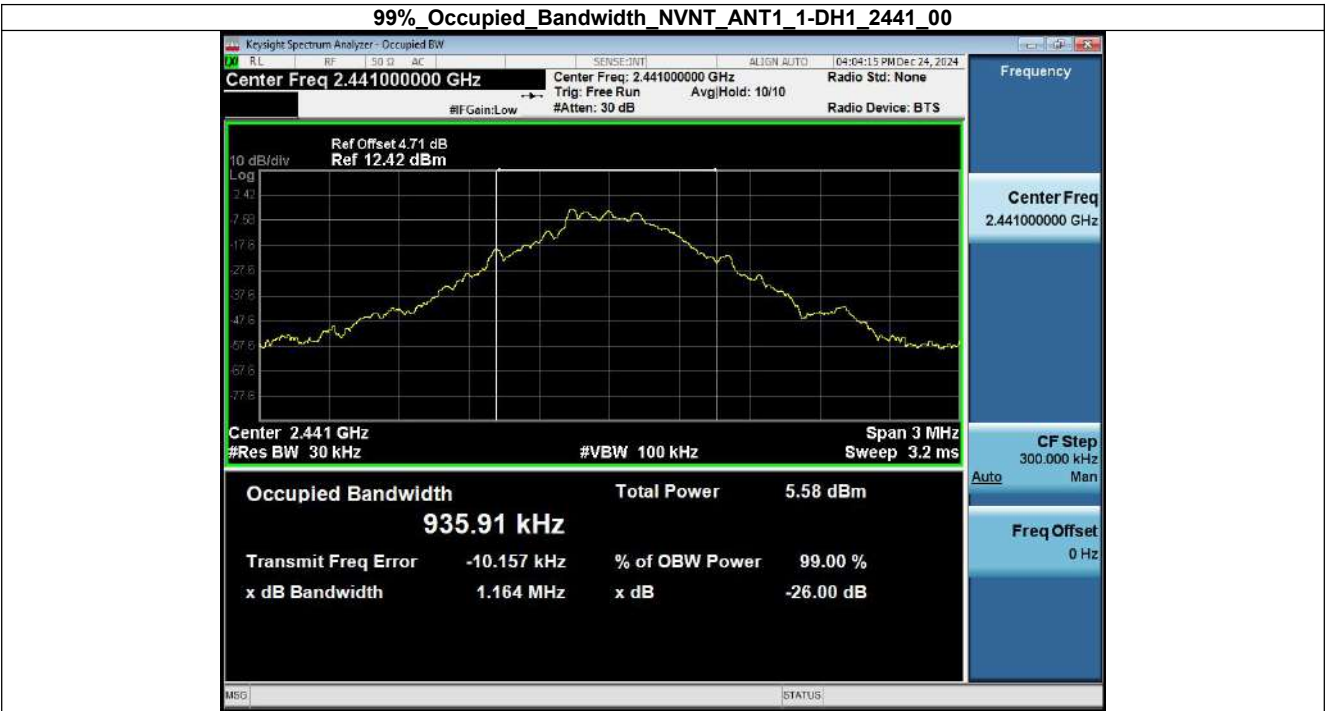


-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2480\_00



3. 99% Occupied Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | 99% BW(MHz) |
|-----------|---------|------------|-----------------|-------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.909       |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.936       |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.971       |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.190       |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.210       |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.223       |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.177       |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.190       |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.200       |



### 99% Occupied Bandwidth NVNT\_ANT1\_1-DH1\_2480\_00



### 99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2402\_00



### 99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2441\_00



99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2480\_00



99% Occupied Bandwidth NVNT\_ANT1\_3-DH1\_2402\_00



99% Occupied Bandwidth NVNT\_ANT1\_3-DH1\_2441\_00

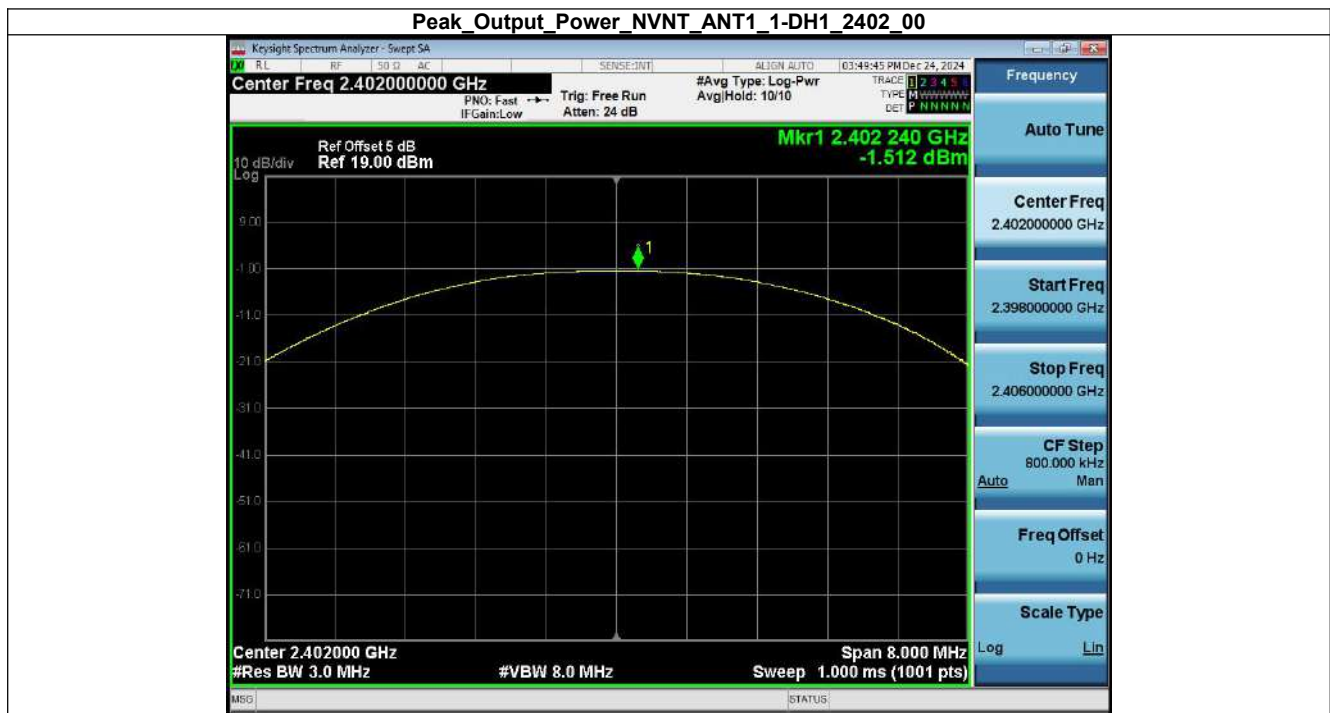


99% Occupied Bandwidth NVNT\_ANT1\_3-DH1\_2480\_00



# 4. Peak Output Power

| Condition | Antenna | Modulation | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|------------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | -1.51                     | 0.71                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | -1.04                     | 0.79                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | -0.81                     | 0.83                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | -0.42                     | 0.91                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | -0.29                     | 0.94                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | -0.30                     | 0.93                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 0.21                      | 1.05                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 0.21                      | 1.05                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 0.21                      | 1.05                     | 125       | Pass   |



# Peak Output Power NVNT\_ANT1 1-DH1\_2480\_00



# Peak Output Power NVNT\_ANT1 2-DH1\_2402\_00



# Peak Output Power NVNT\_ANT1 2-DH1\_2441\_00



Peak Output Power NVNT\_ANT1\_2-DH1\_2480\_00



Peak Output Power NVNT\_ANT1\_3-DH1\_2402\_00



Peak\_Output\_Power\_NVNT\_ANT1\_3-DH1\_2441\_00



Peak\_Output\_Power\_NVNT\_ANT1\_3-DH1\_2480\_00



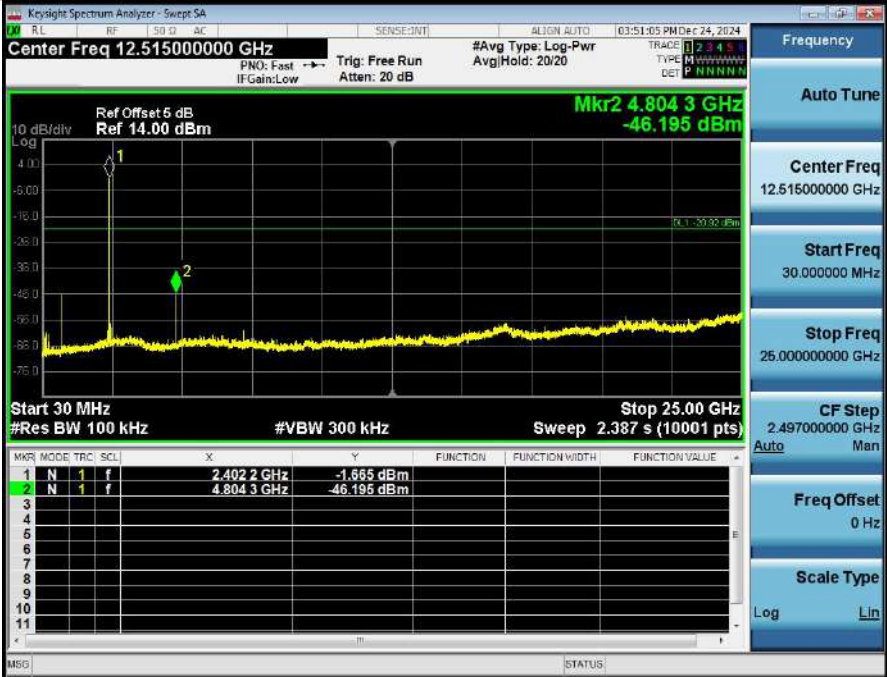
5. Spurious Emissions

| Condition | Antenna | Modulation | TX Mode | Ref_level(dBm) | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|----------------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00 | -0.915         | -46.195                 | -20.915 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00 | -0.998         | -44.722                 | -20.998 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00 | -1.452         | -43.719                 | -21.452 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00 | -1.605         | -48.229                 | -21.605 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00 | -1.729         | -33.673                 | -21.729 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00 | -1.882         | -43.242                 | -21.882 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00 | -1.904         | -47.231                 | -21.904 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00 | -1.365         | -44.682                 | -21.365 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00 | -1.609         | -44.928                 | -21.609 | Pass   |

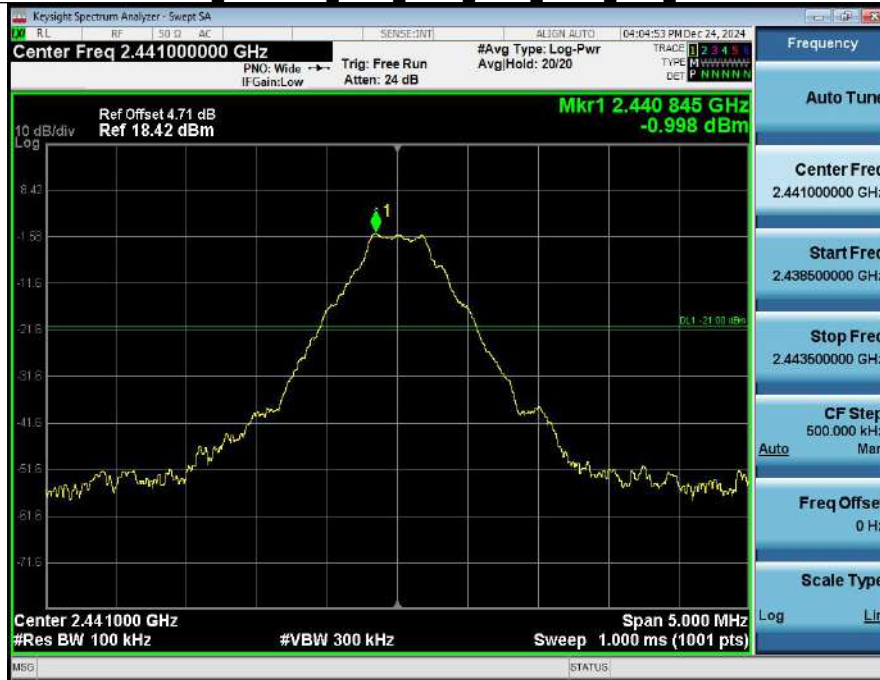
1\_Reference\_Level\_NVNT\_ANT1\_1-DH1\_2402\_00



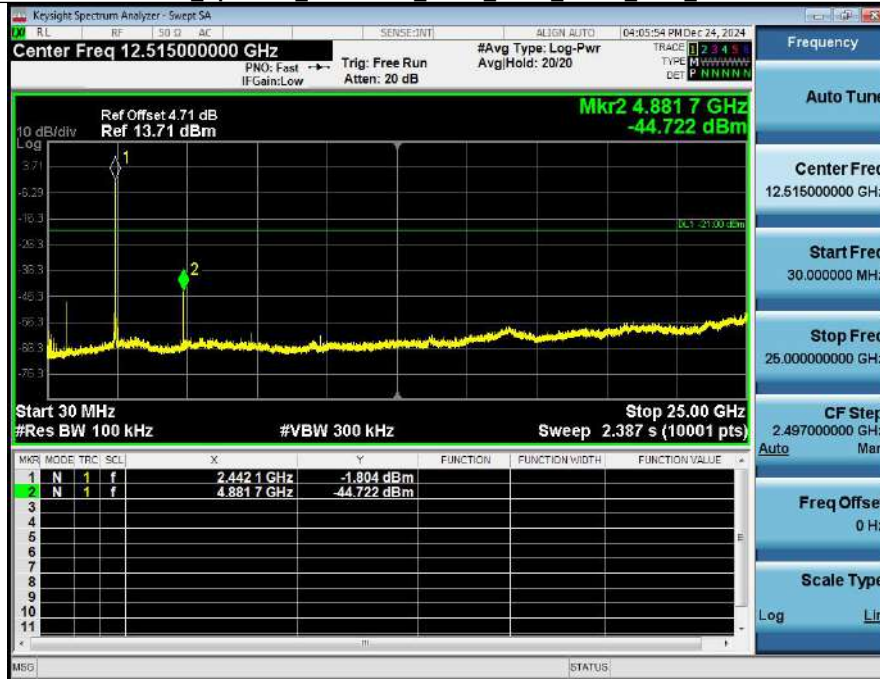
2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2402\_00



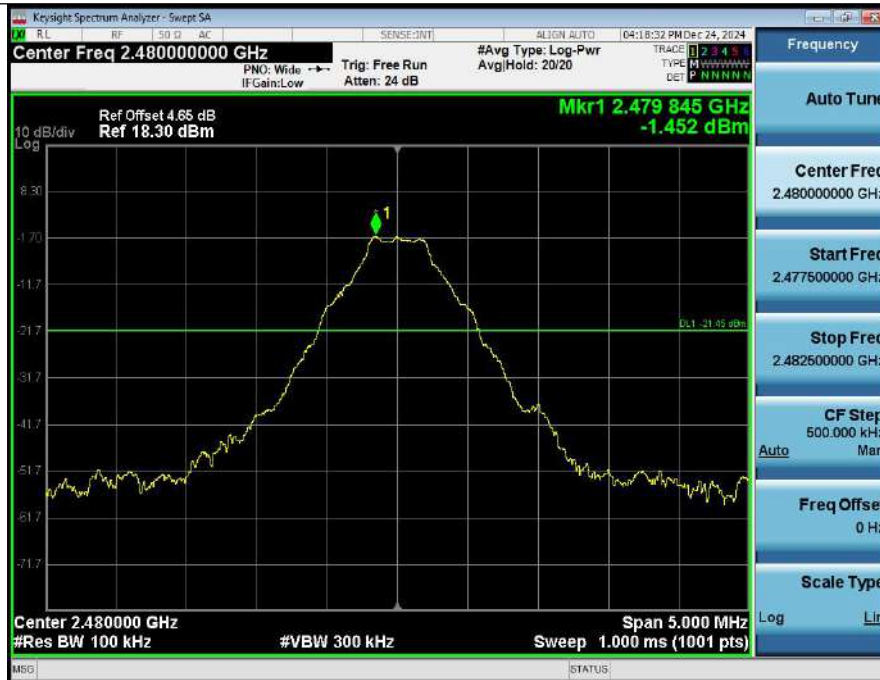
# 1 Reference Level NVNT ANT1 1-DH1 2441 00



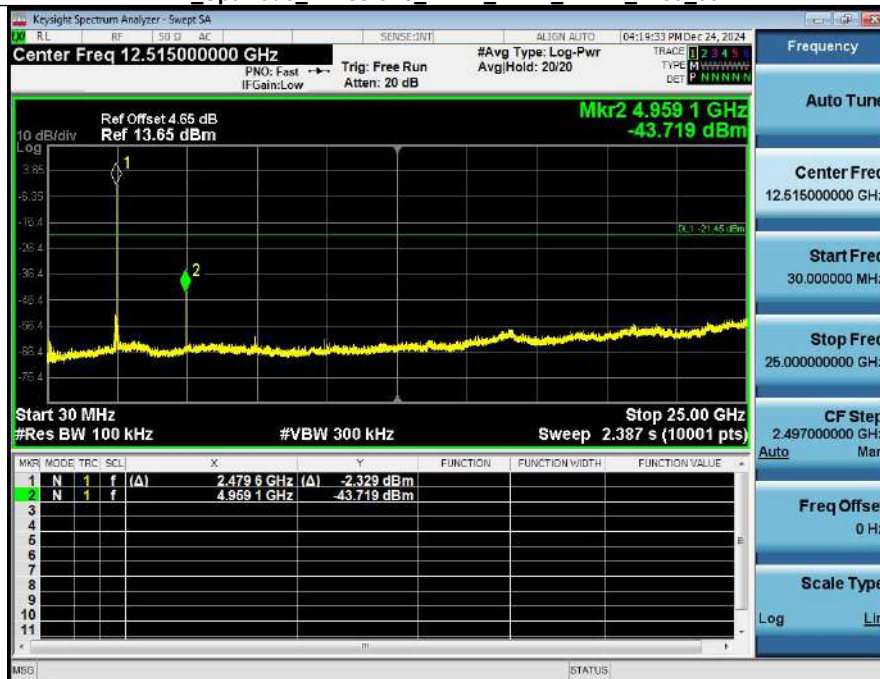
# 2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



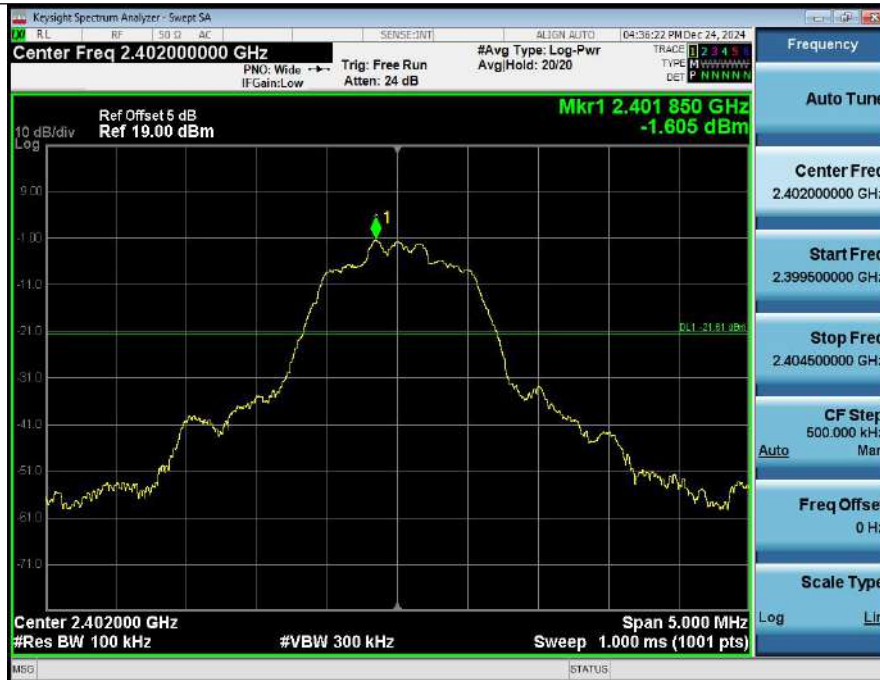
# 1 Reference Level NVNT ANT1 1-DH1 2480 00



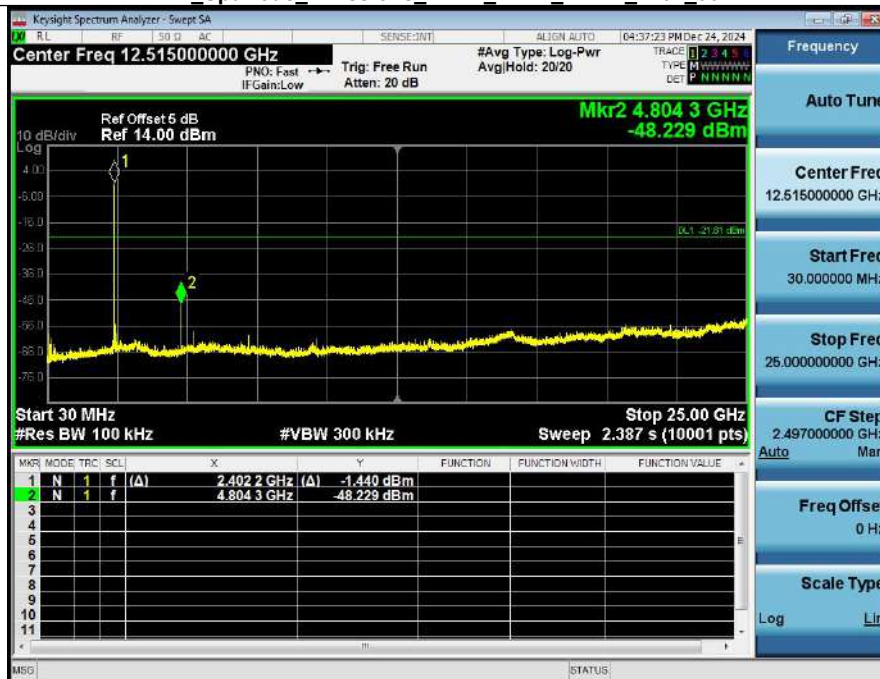
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2480\_00



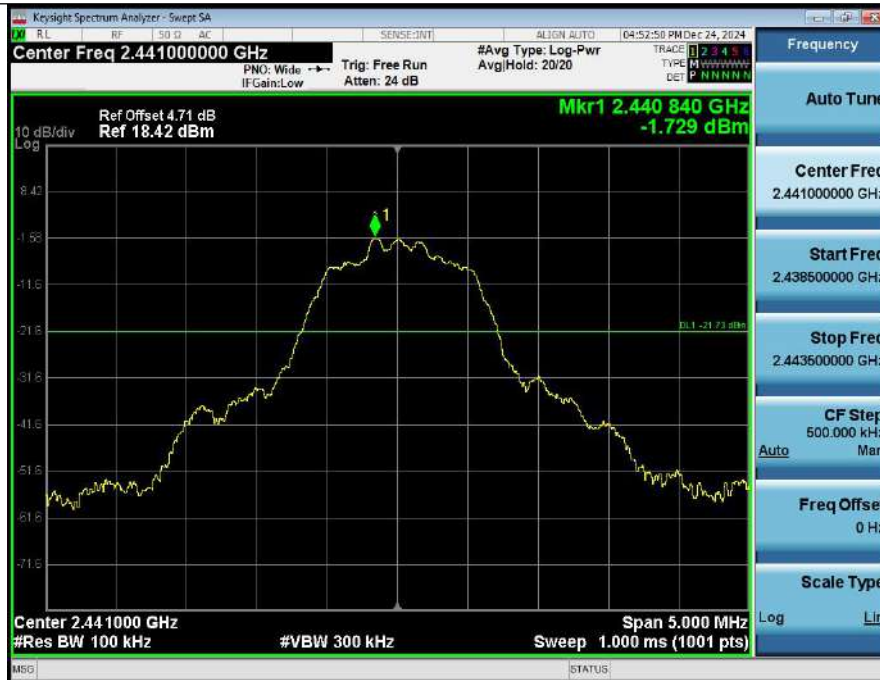
## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



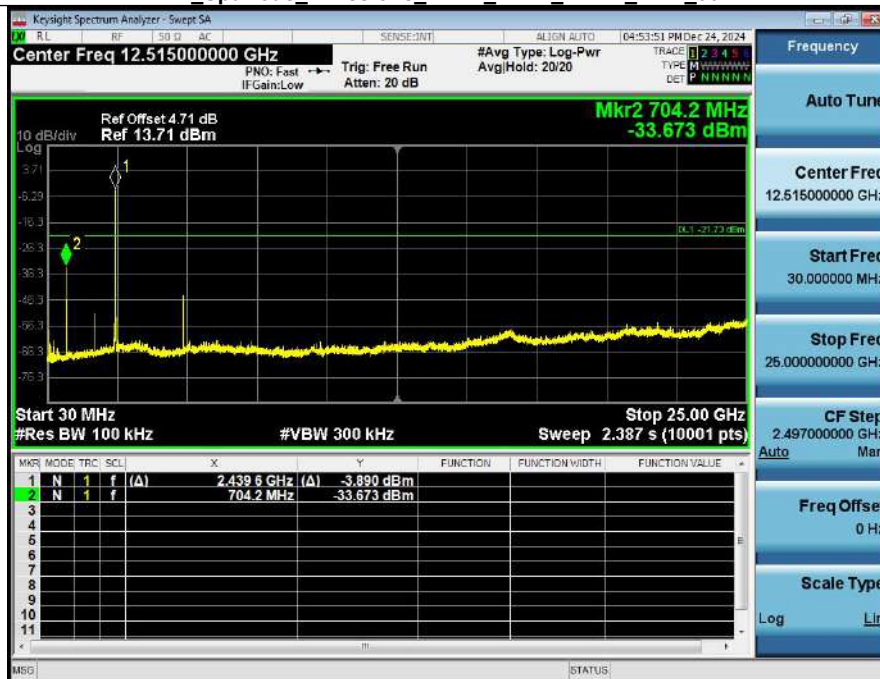
## 2 Spurious Emissions\_NVNT\_ANT1\_2-DH1\_2402\_00



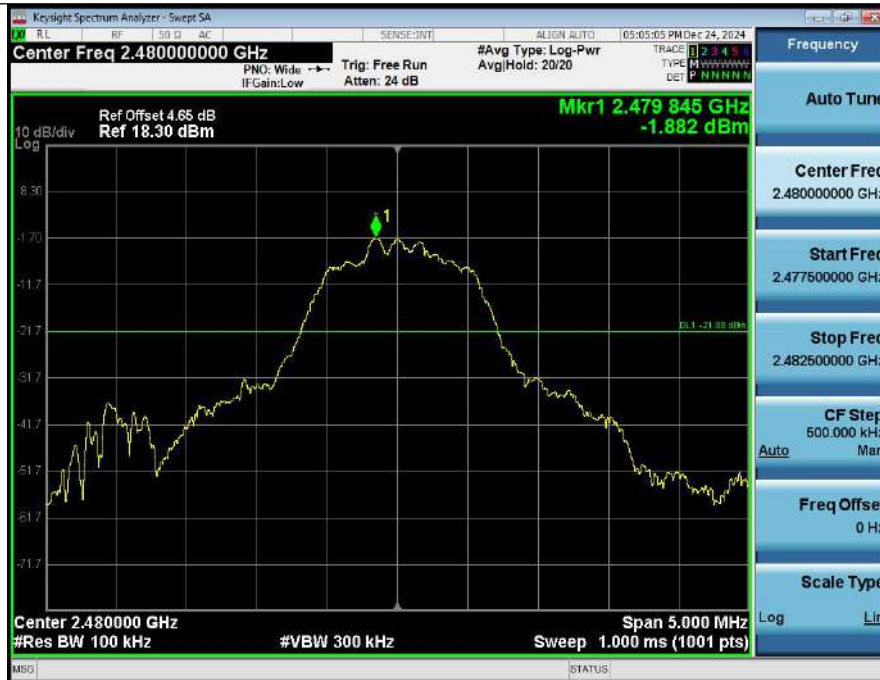
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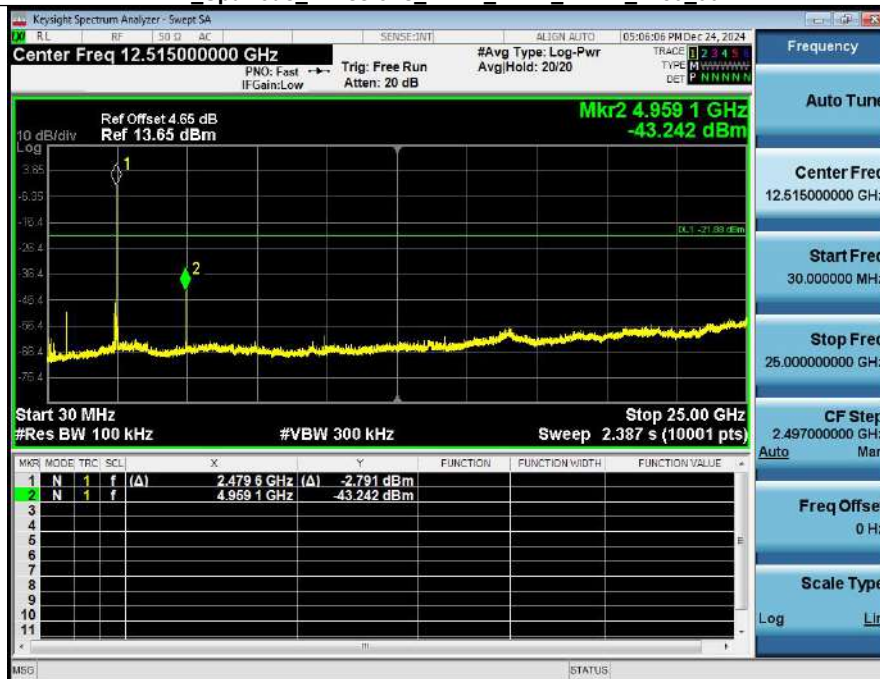
## 2 Spurious Emissions\_NVNT\_ANT1\_2-DH1\_2441\_00



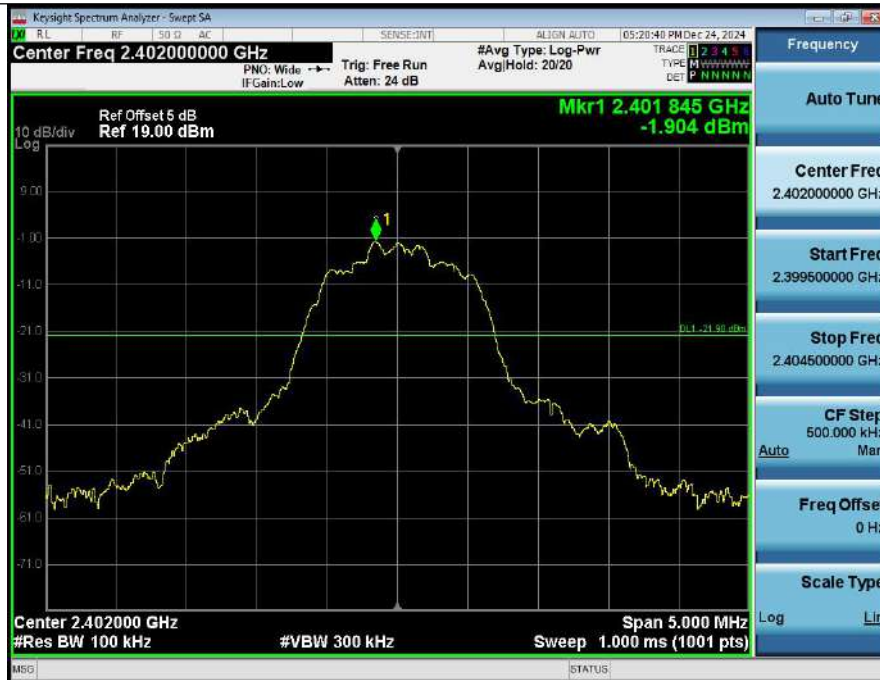
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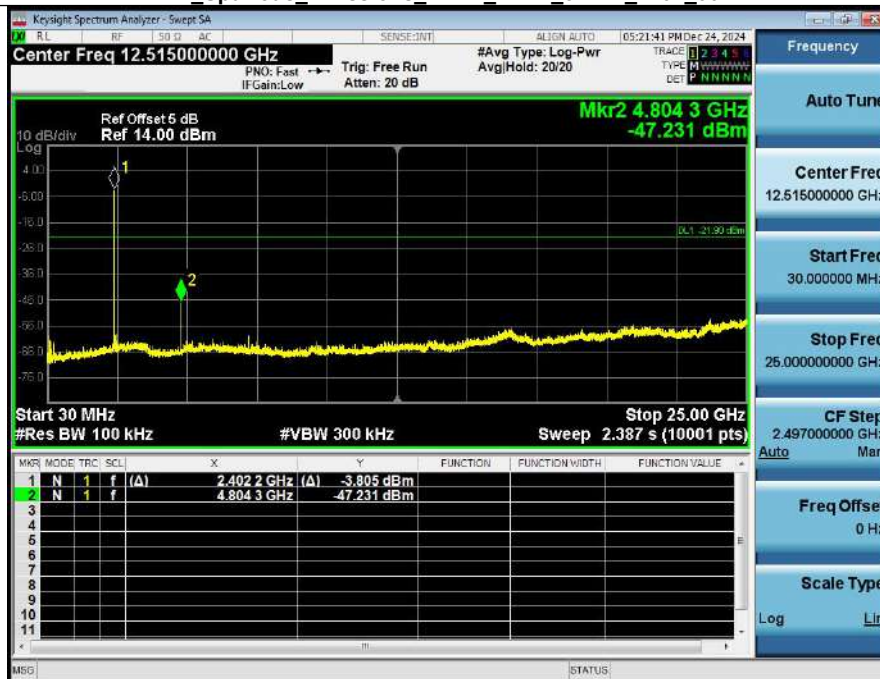
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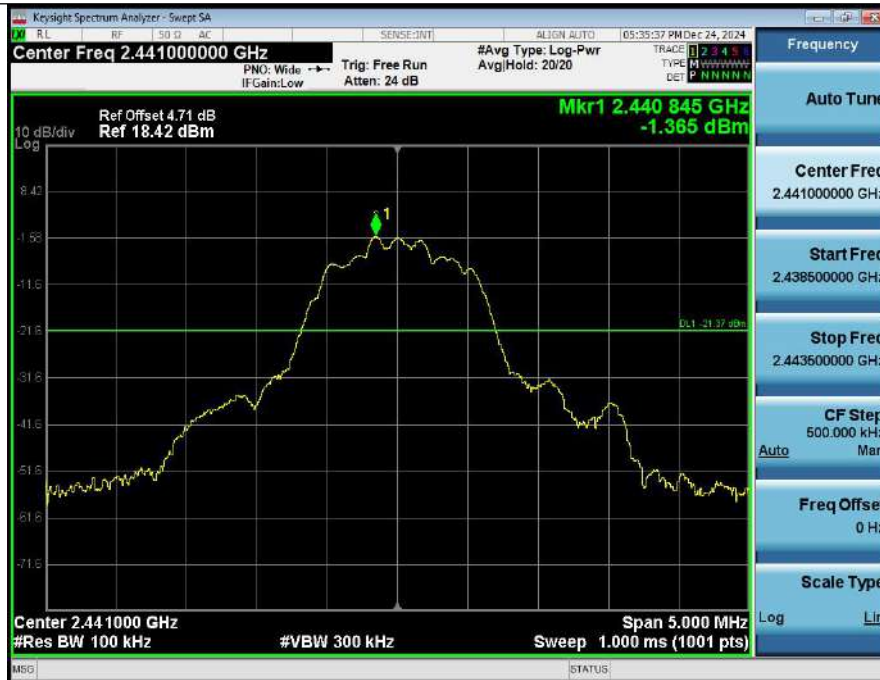
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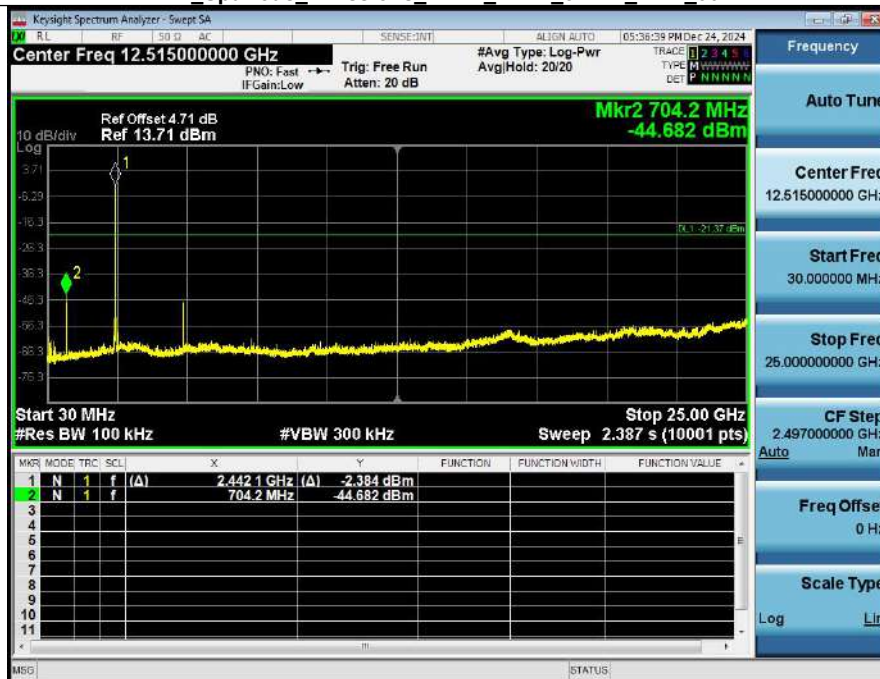
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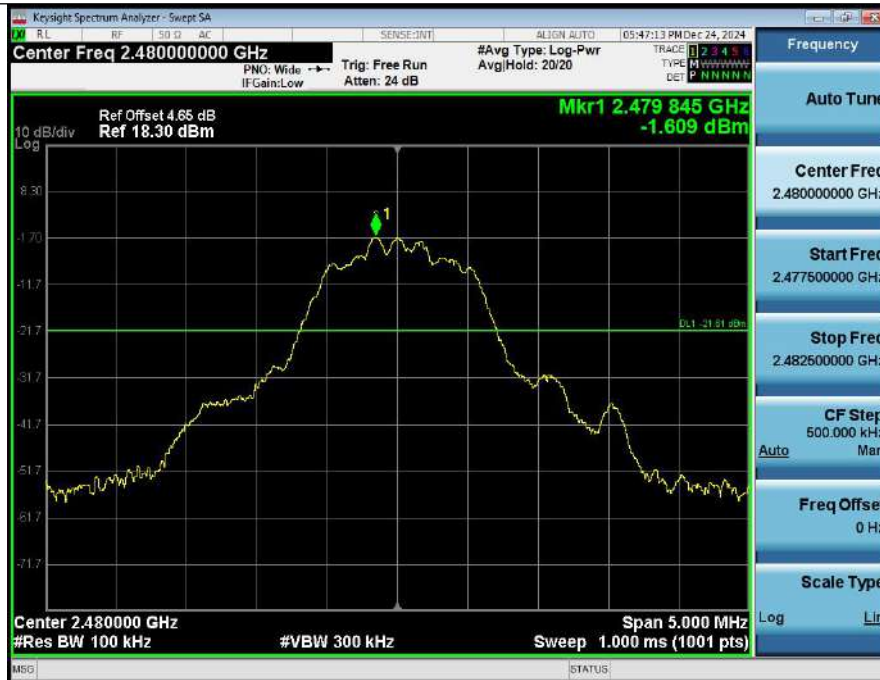
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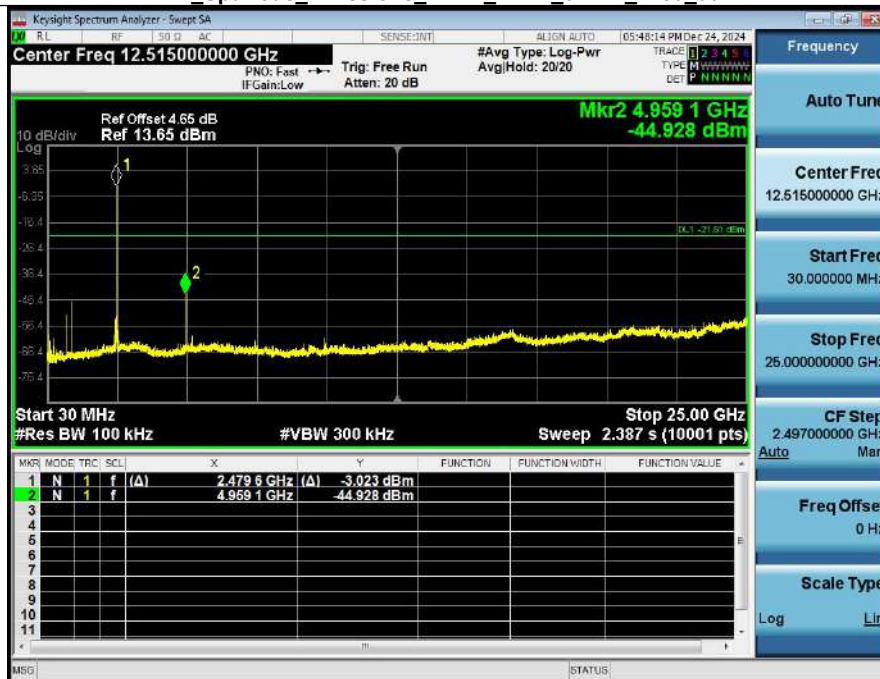
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## 1 Reference\_Level\_NVNT\_ANT1\_3-DH1\_2480\_00

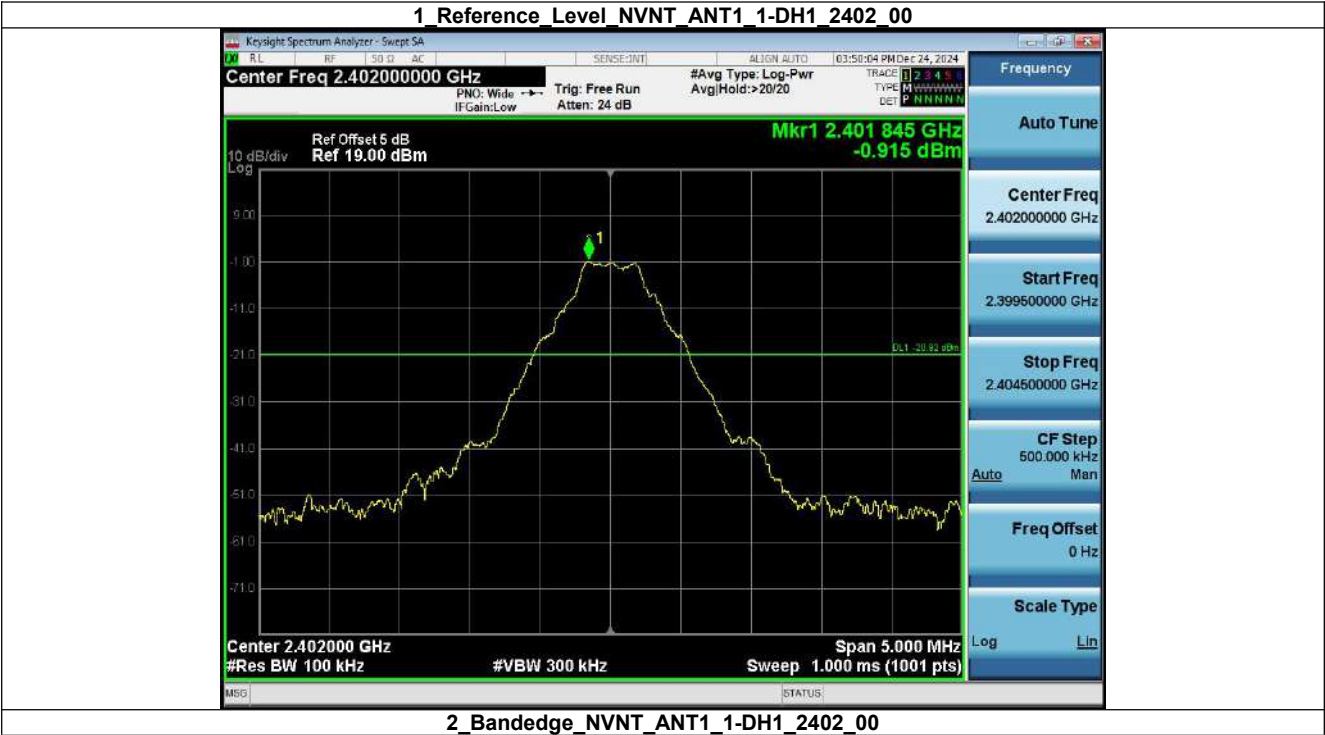


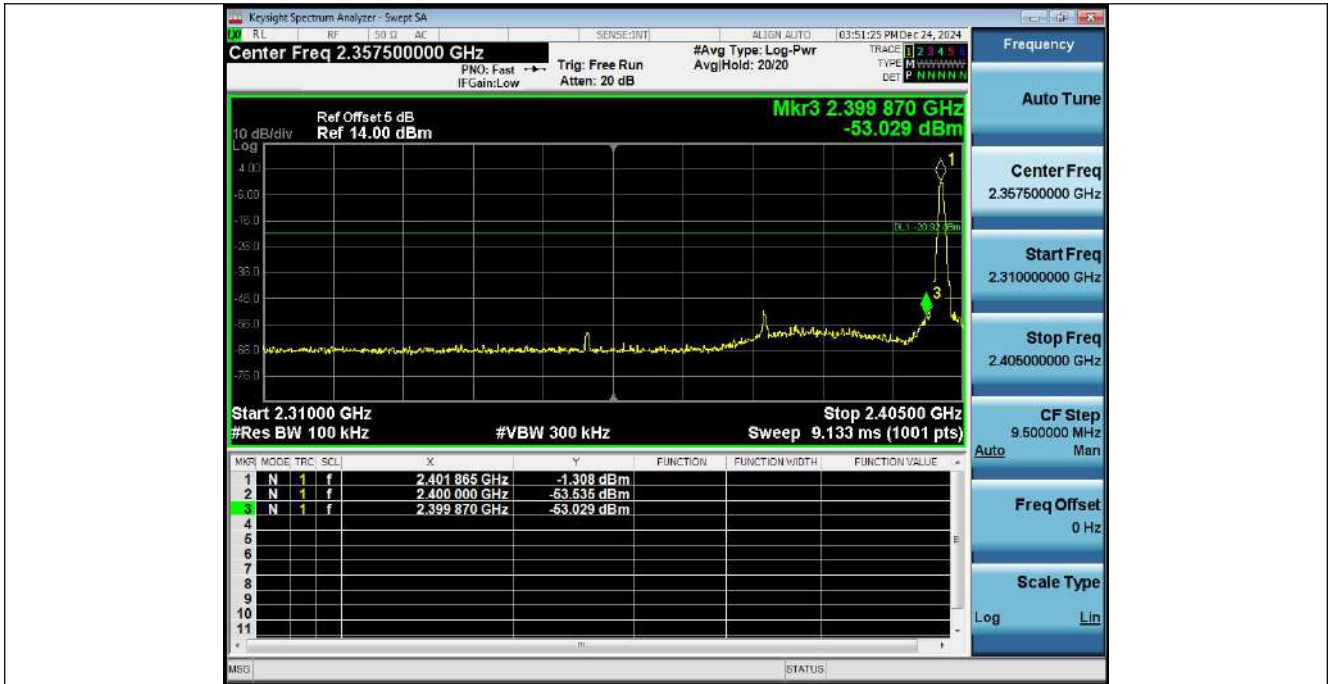
## 2 Spurious Emissions\_NVNT\_ANT1\_3-DH1\_2480\_00



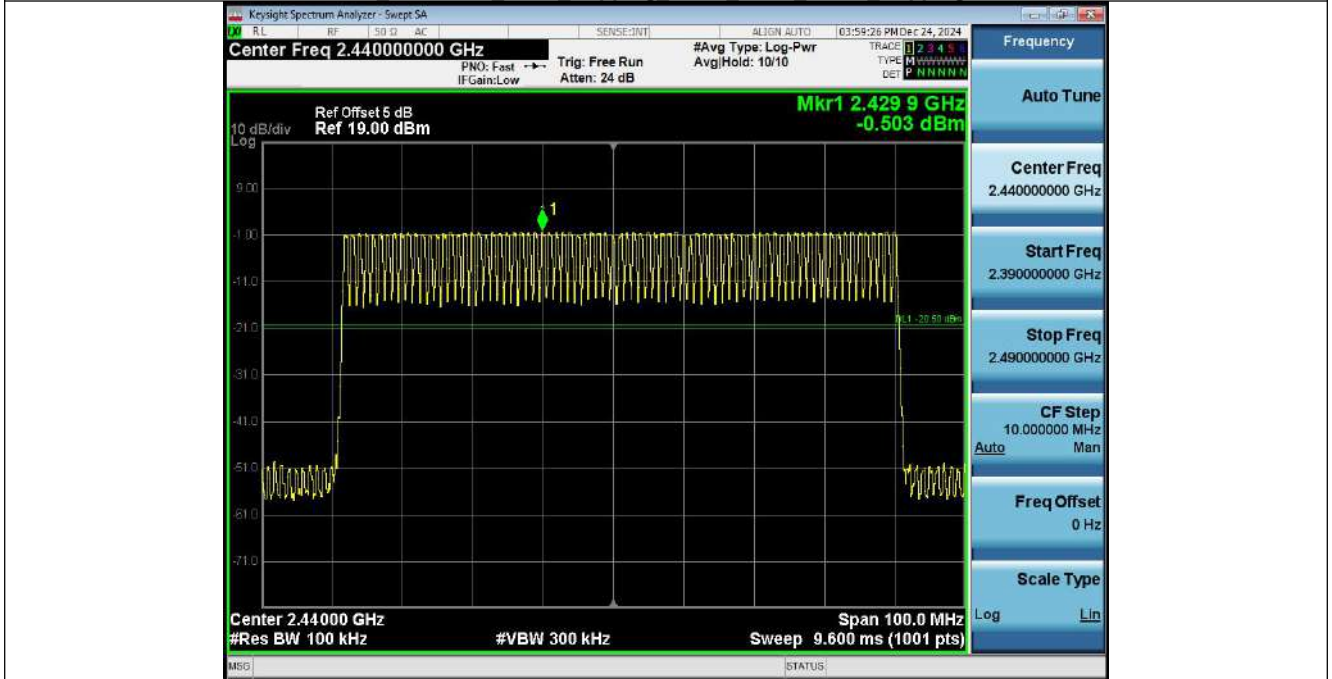
6. Bandedge

| Condition | Antenna | Modulation | TX Mode     | Ref_level(dBm) | Bandedge MAX.Value | Limit   | Result |
|-----------|---------|------------|-------------|----------------|--------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00     | -0.915         | -53.029            | -20.915 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_LCH | -0.503         | -50.779            | -20.503 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00     | -1.452         | -56.919            | -21.452 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_HCH | -1.024         | -51.035            | -21.024 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00     | -1.605         | -53.251            | -21.605 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_LCH | -0.647         | -50.483            | -20.647 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00     | -1.882         | -57.328            | -21.882 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_HCH | -1.451         | -51.641            | -21.451 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00     | -1.904         | -53.436            | -21.904 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_LCH | -0.900         | -51.472            | -20.900 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00     | -1.609         | -57.139            | -21.609 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_HCH | -1.067         | -51.317            | -21.067 | Pass   |

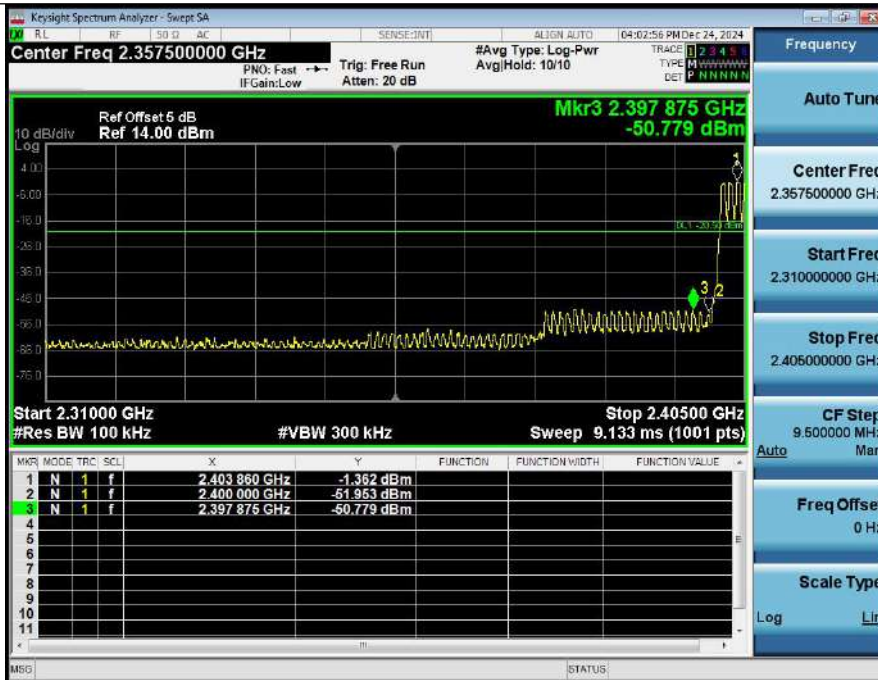




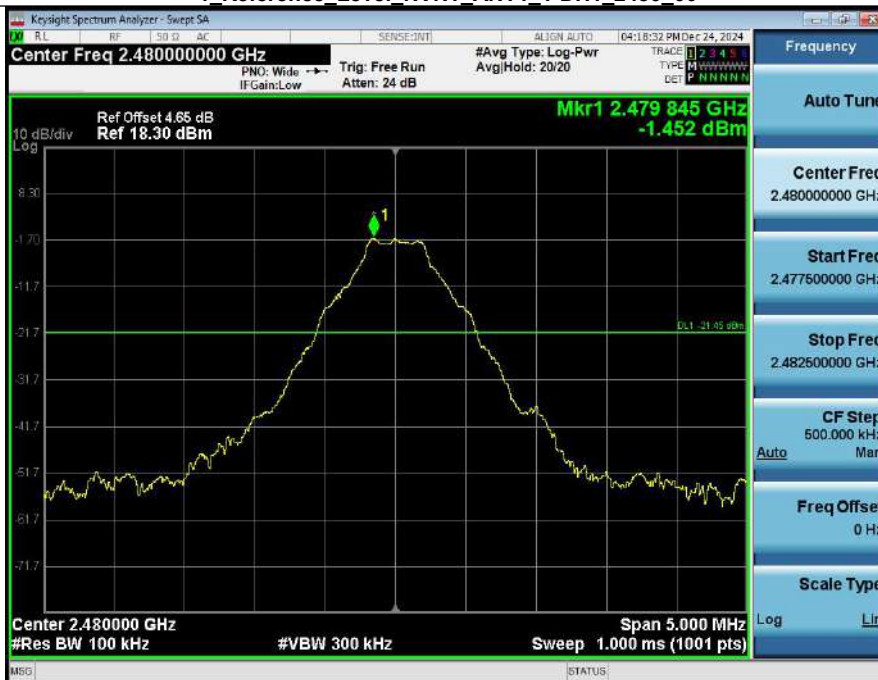
### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



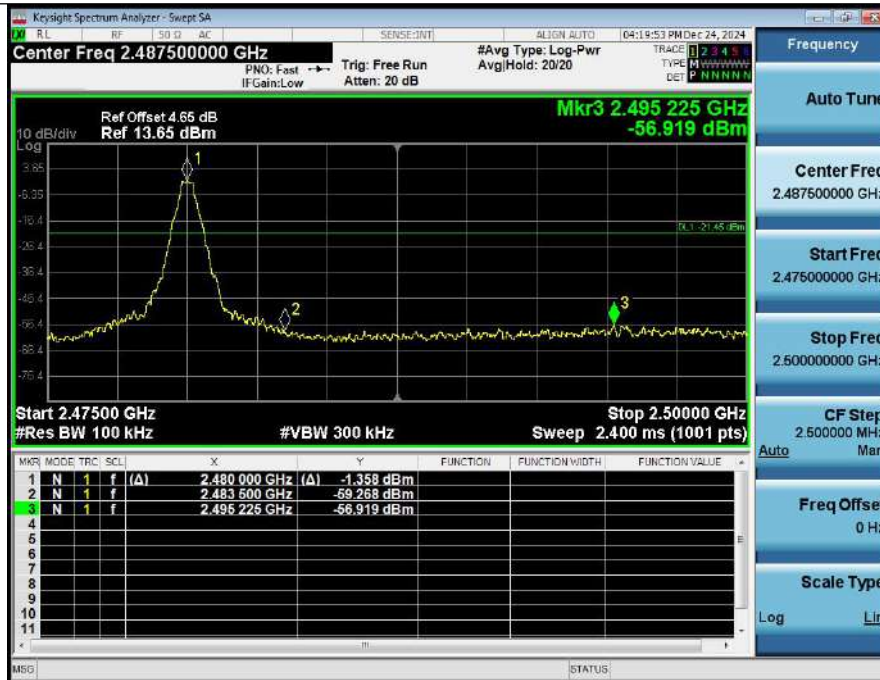
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



### 1 Reference Level NVNT ANT1 1-DH1 2480 00



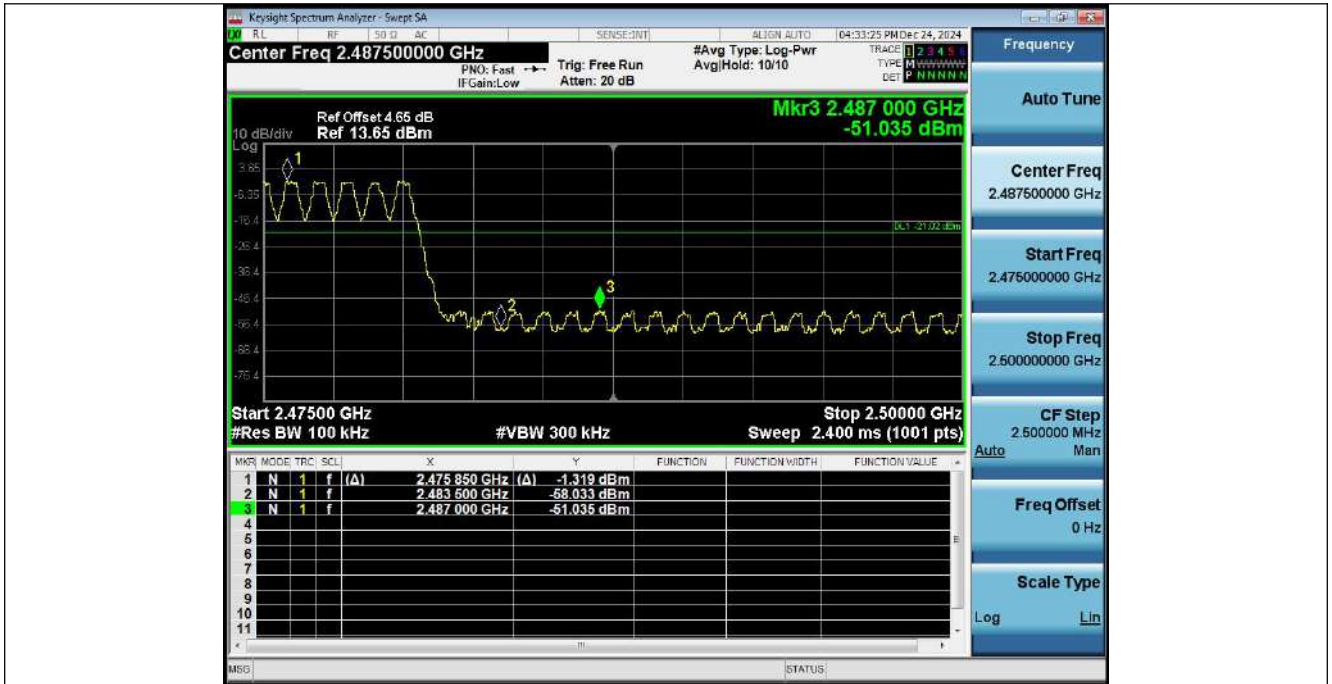
### 2 Bandedge NVNT ANT1 1-DH1 2480 00



### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



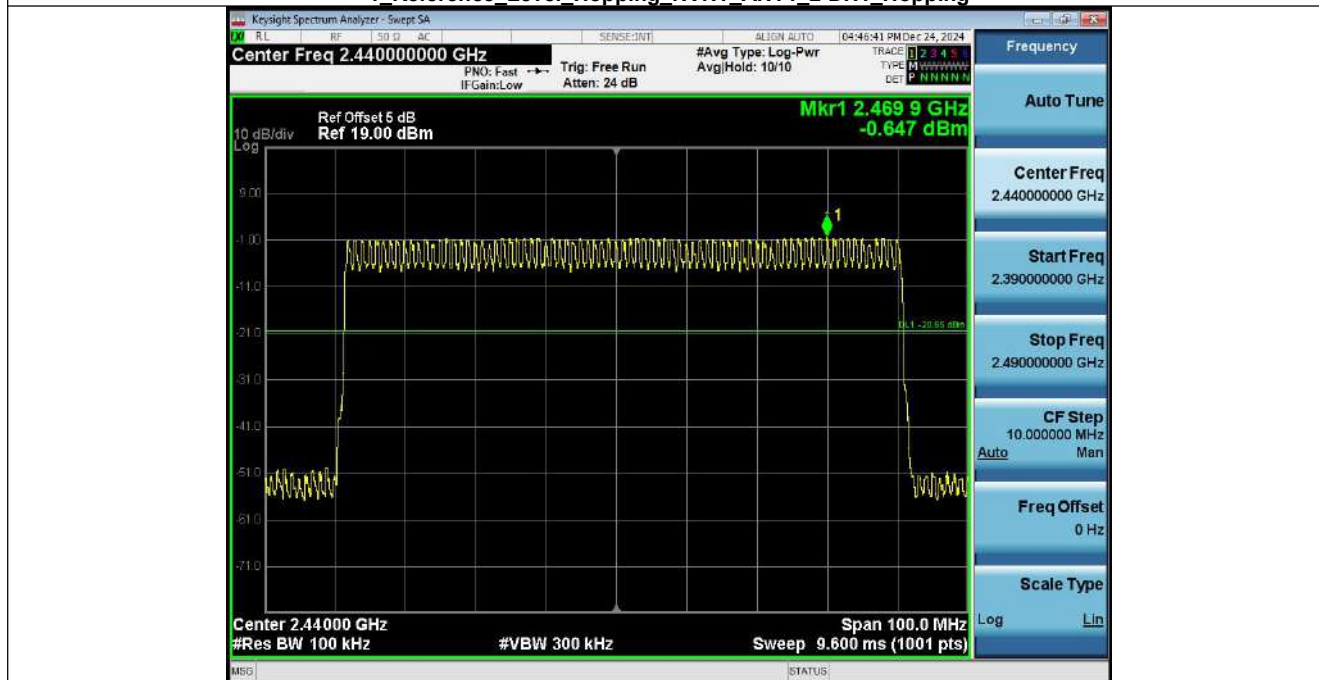
### 1 Reference Level NVNT ANT1 2-DH1 2402\_00



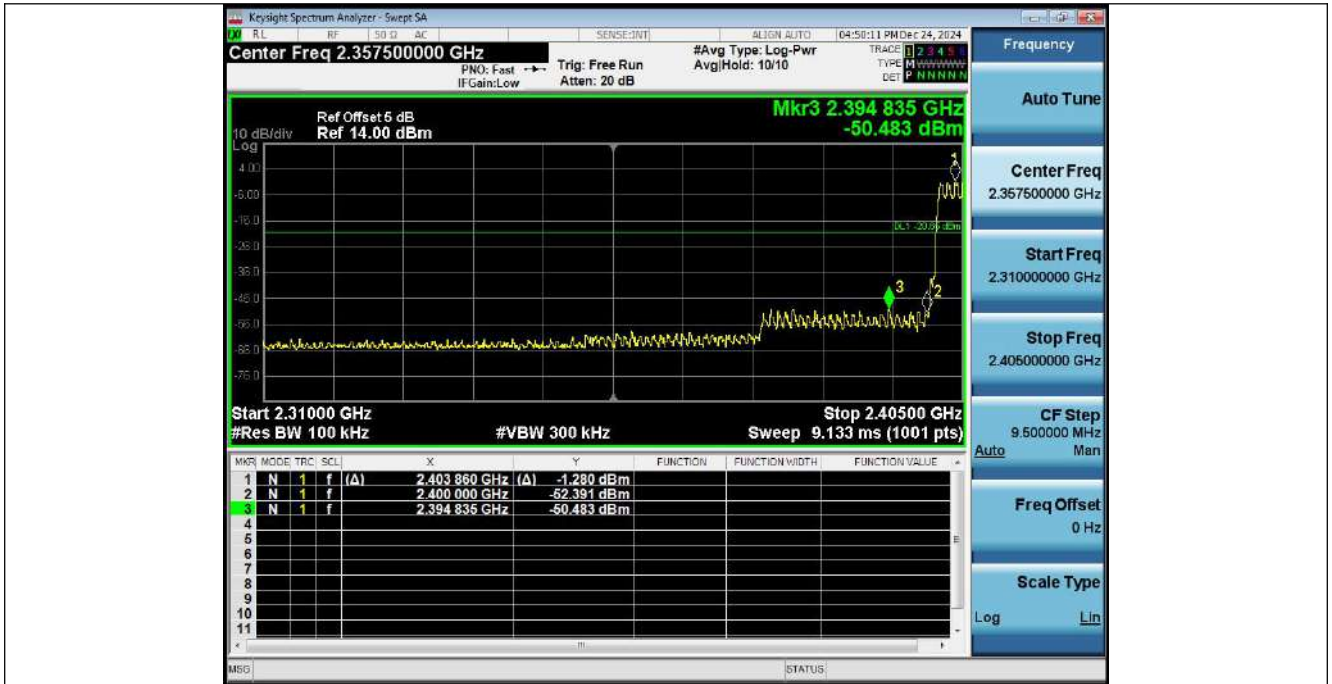
### 2 Bandedge NVNT ANT1 2-DH1 2402\_00



### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_2-DH1\_Hopping



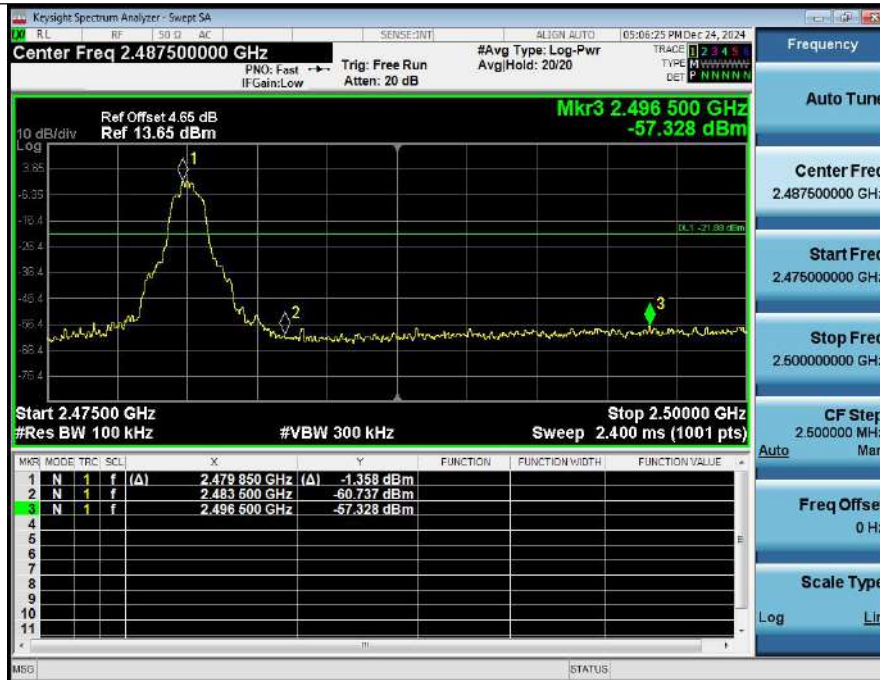
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



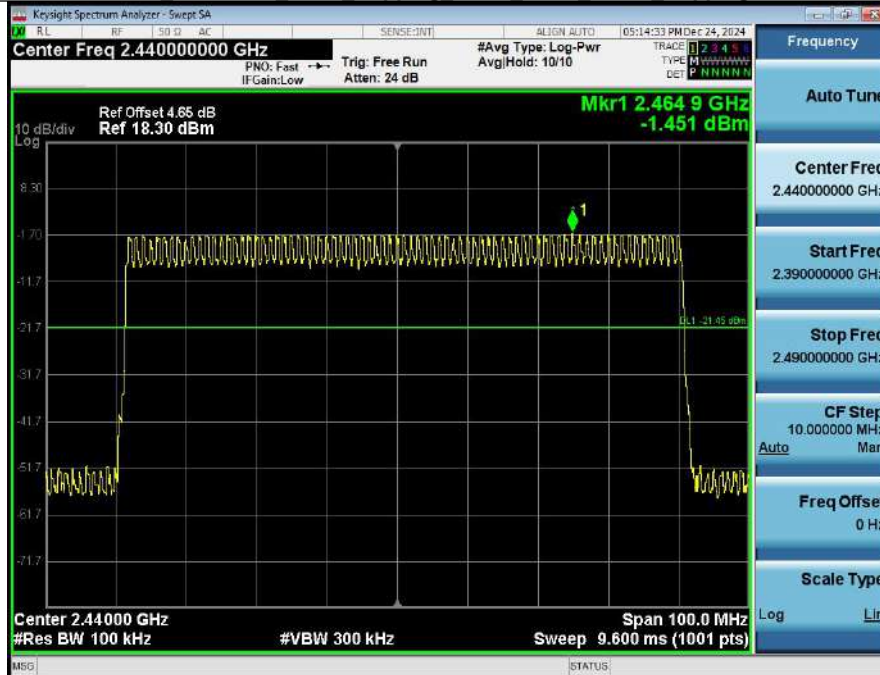
### 1 Reference Level NVNT ANT1 2-DH1 2480 00



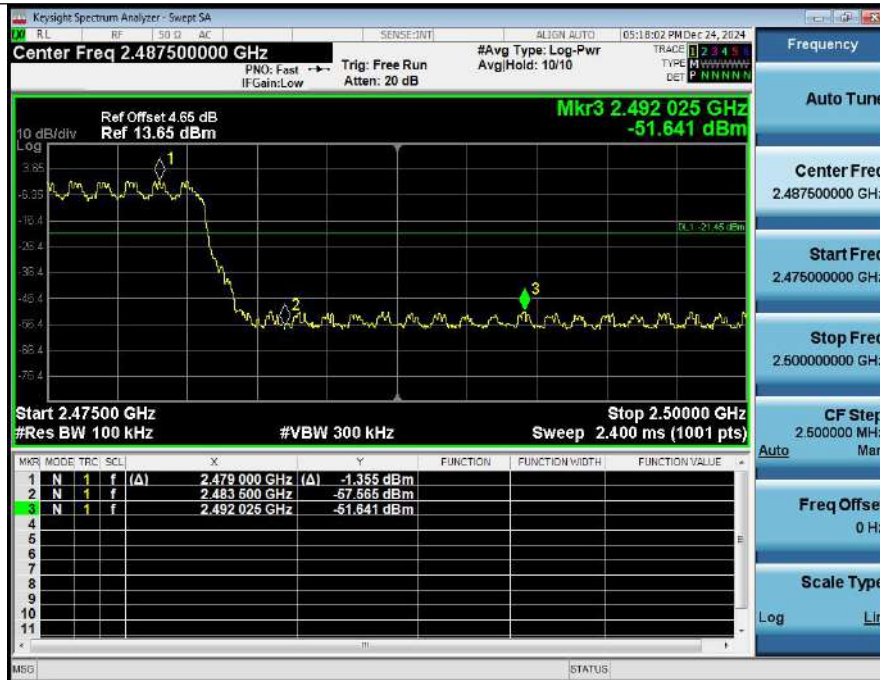
### 2 Bandedge NVNT ANT1 2-DH1 2480 00



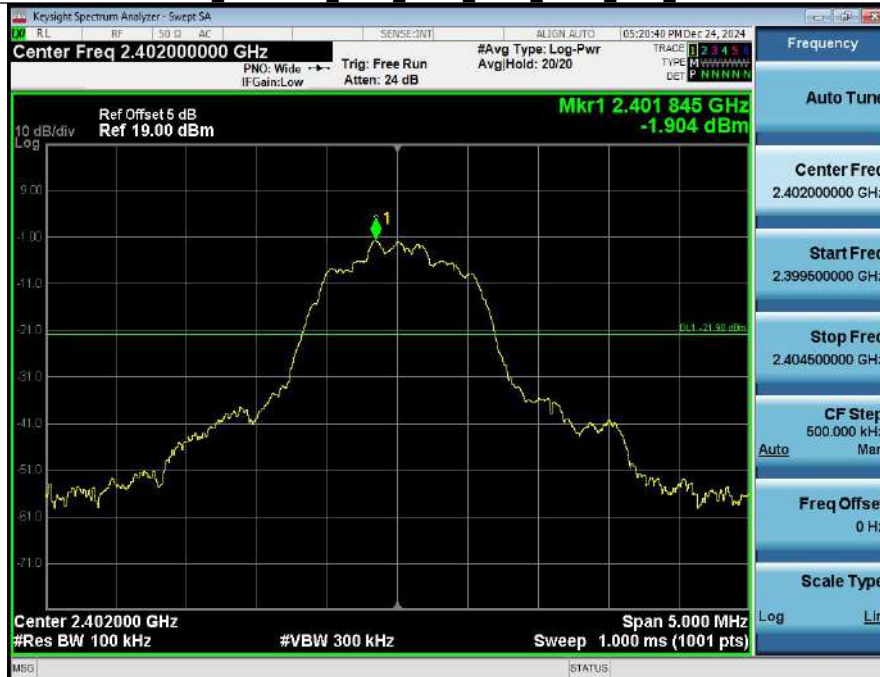
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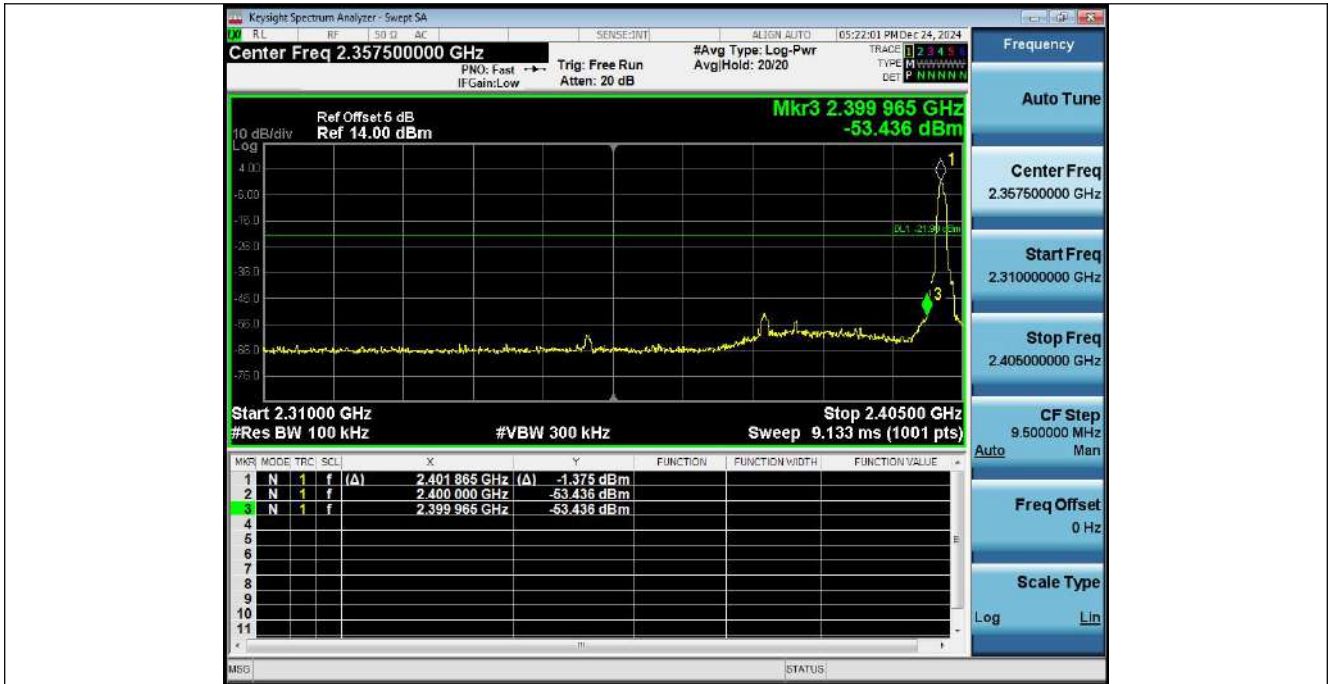
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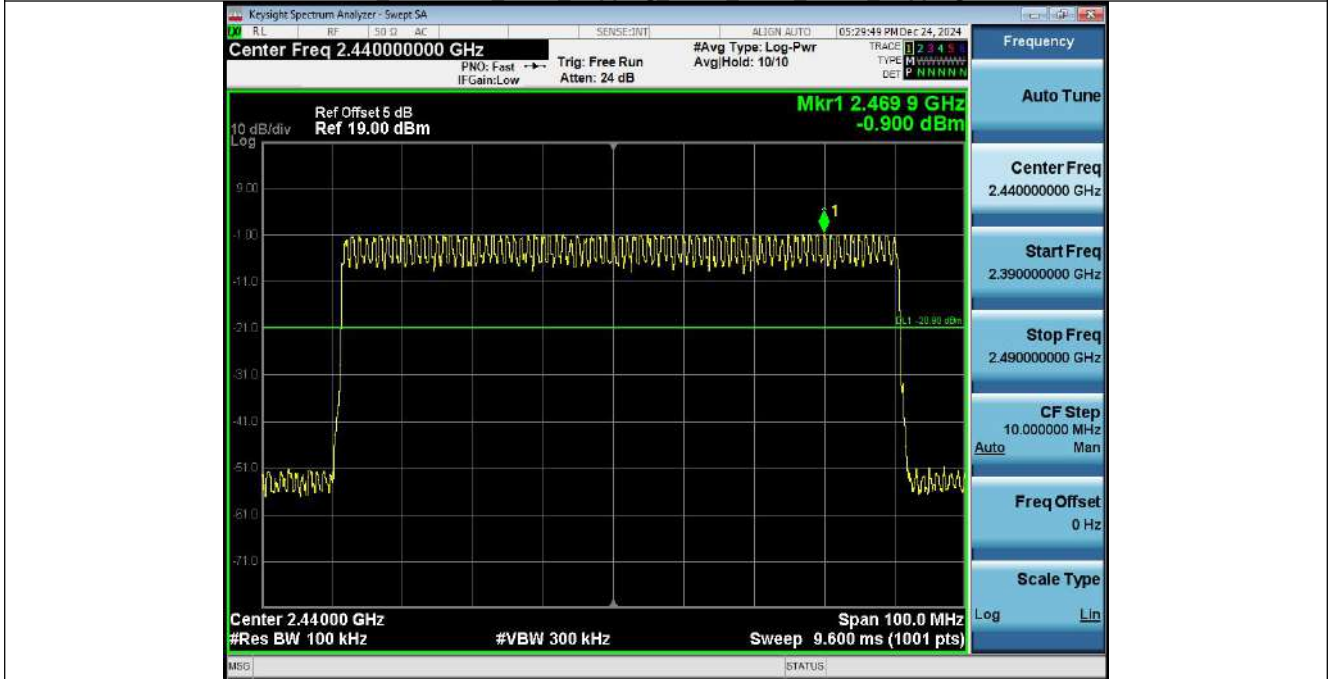
### 1 Reference Level NVNT ANT1 3-DH1 2402\_00



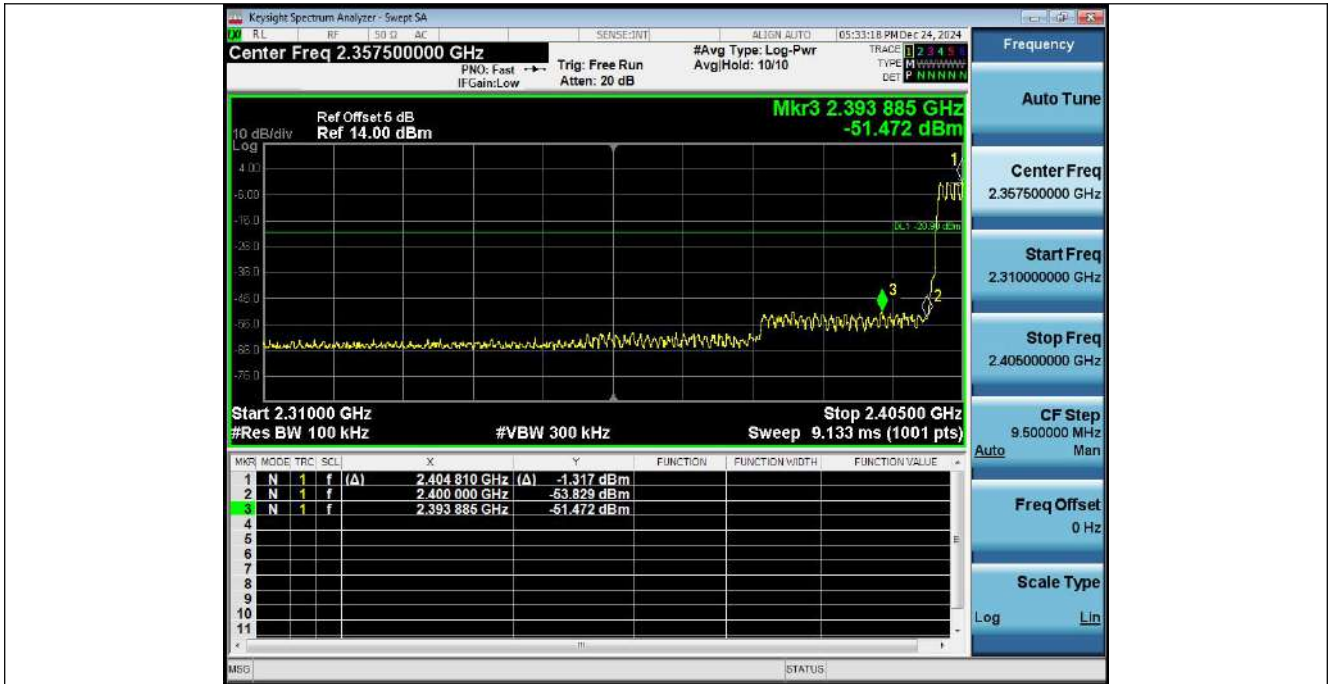
### 2 Bandedge NVNT ANT1 3-DH1 2402\_00



### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH1\_Hopping



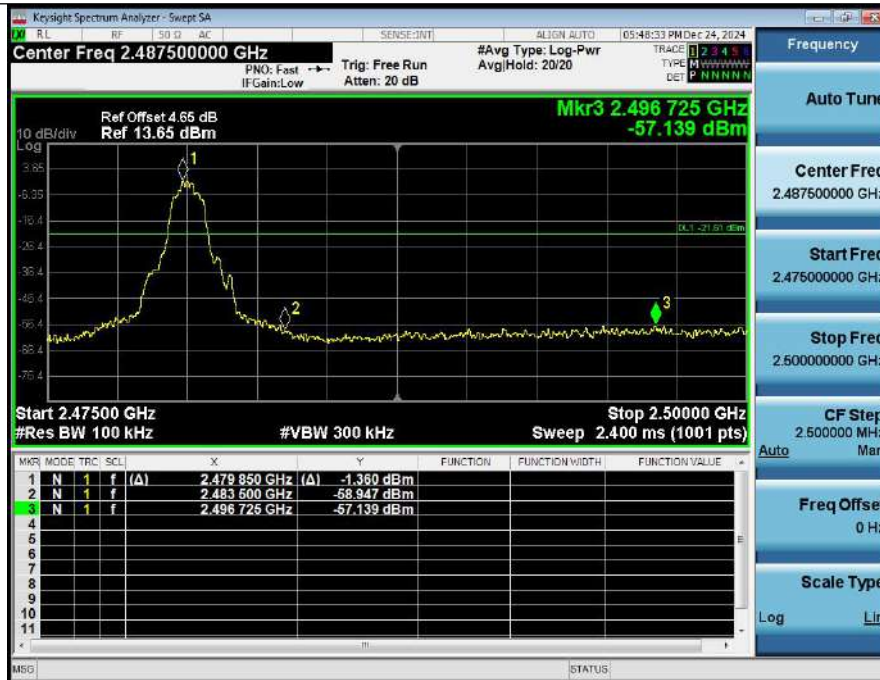
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



### 1 Reference Level NVNT ANT1 3-DH1 2480 00



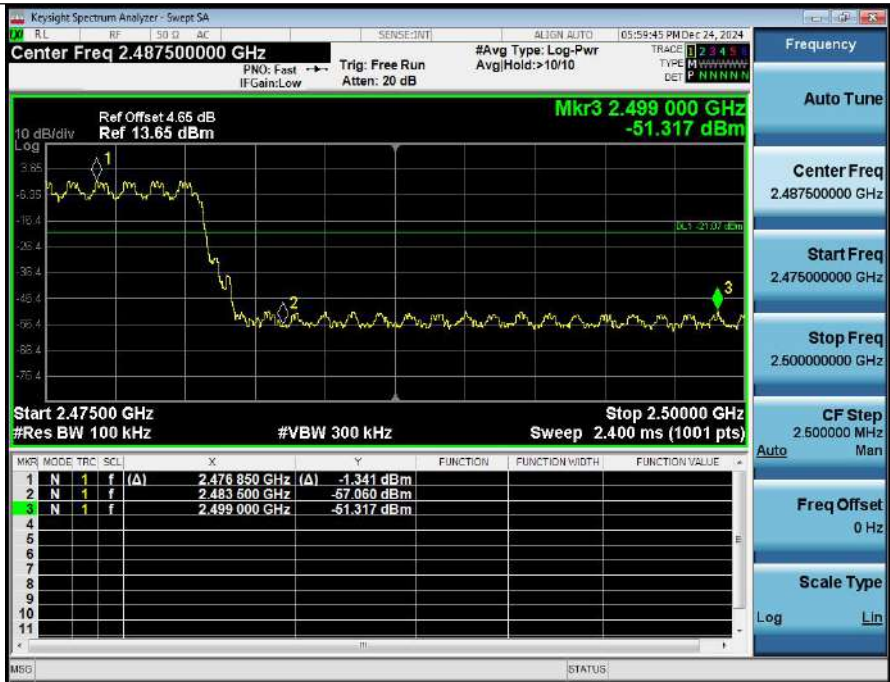
### 2 Bandedge NVNT ANT1 3-DH1 2480 00



### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH1\_Hopping



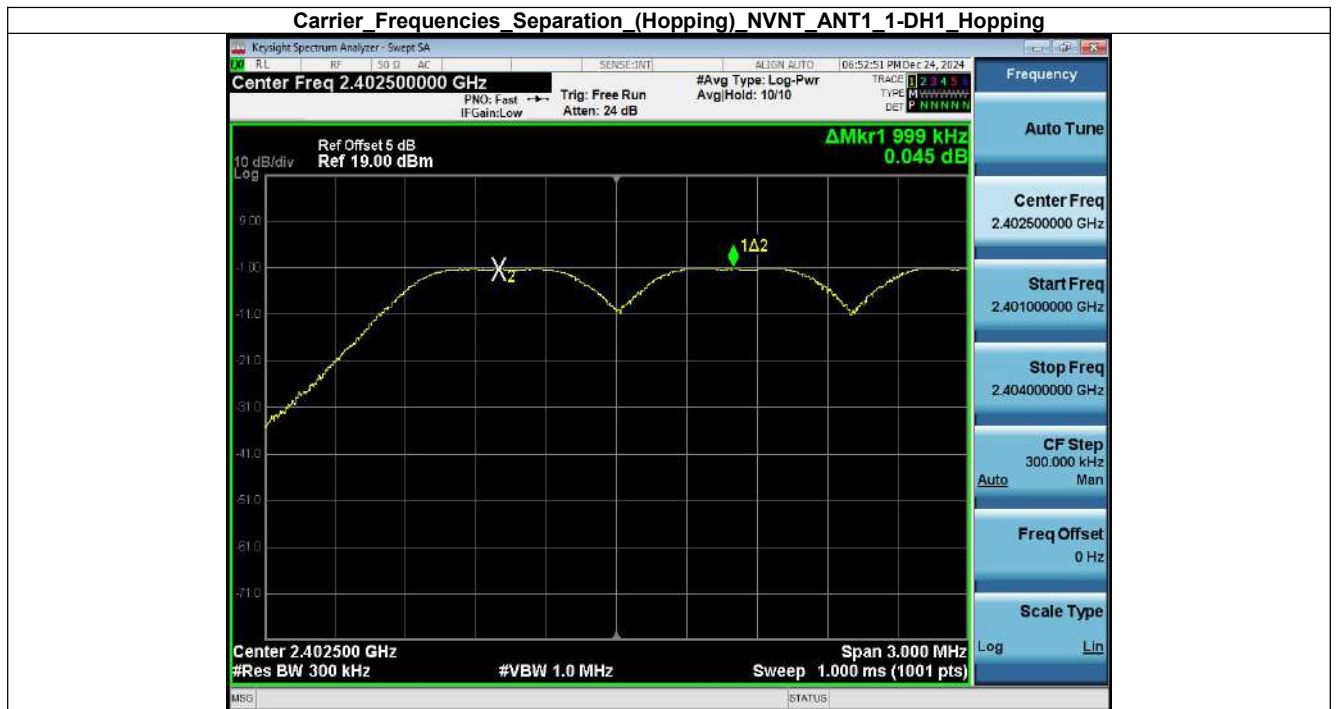
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



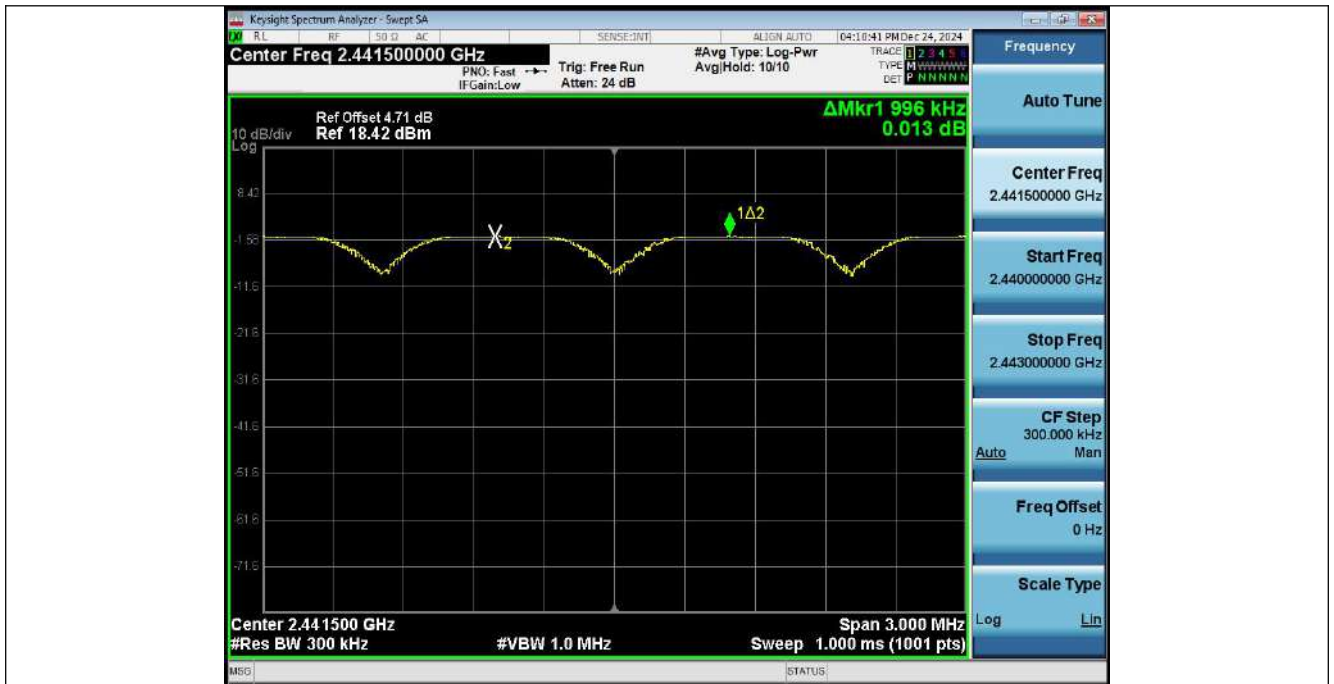
## 7. Carrier Frequencies Separation (Hopping)

| Condition | Antenna | Modulation | Frequency(MHz) | Hopping NO.0 (MHz) | Hopping NO.1 (MHz) | Carrier Frequencies Separation(MHz) | Limit(MHz) | Result |
|-----------|---------|------------|----------------|--------------------|--------------------|-------------------------------------|------------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00        | 2401.999           | 2402.998           | 0.999                               | 0.672      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00        | 2440.993           | 2441.989           | 0.996                               | 0.689      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00        | 2478.996           | 2479.986           | 0.990                               | 0.694      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00        | 2401.984           | 2402.983           | 0.999                               | 0.861      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00        | 2440.993           | 2441.992           | 0.999                               | 0.865      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00        | 2478.987           | 2479.992           | 1.005                               | 0.861      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00        | 2402.011           | 2402.995           | 0.984                               | 0.838      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00        | 2440.996           | 2442.004           | 1.008                               | 0.839      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00        | 2478.987           | 2479.992           | 1.005                               | 0.853      | Pass   |

Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping

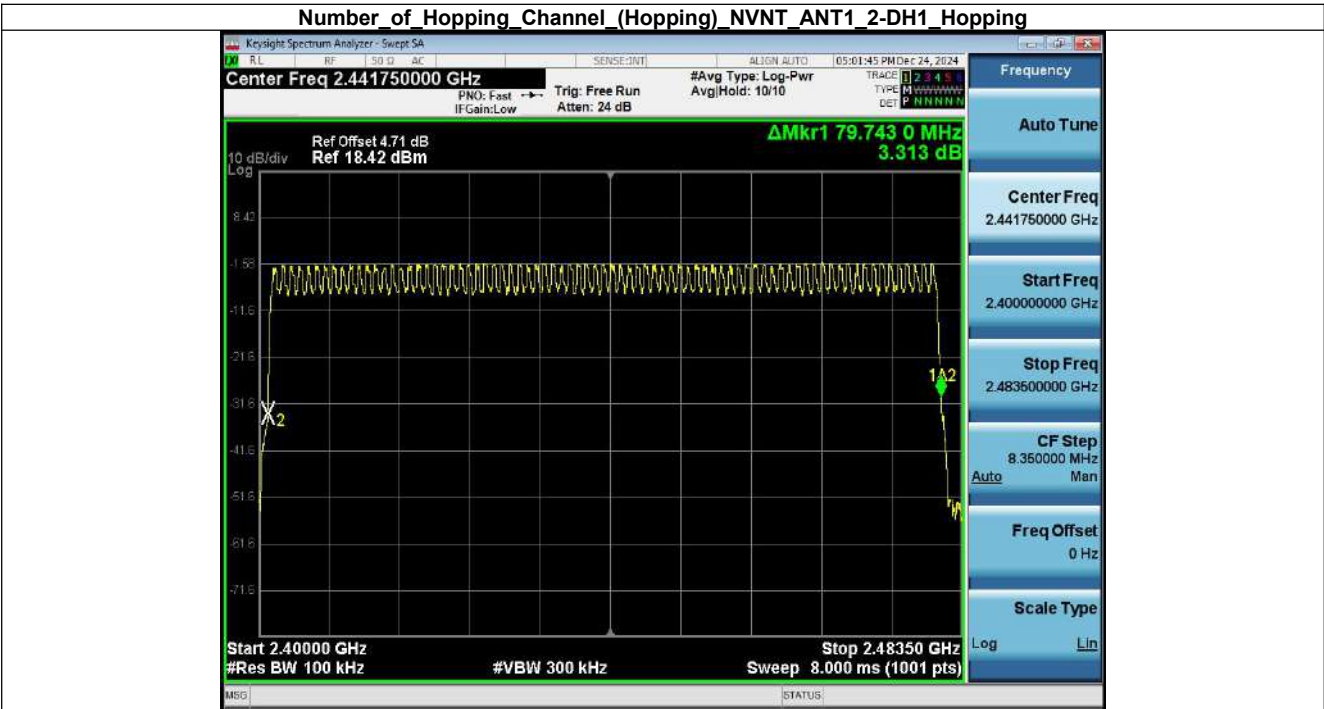
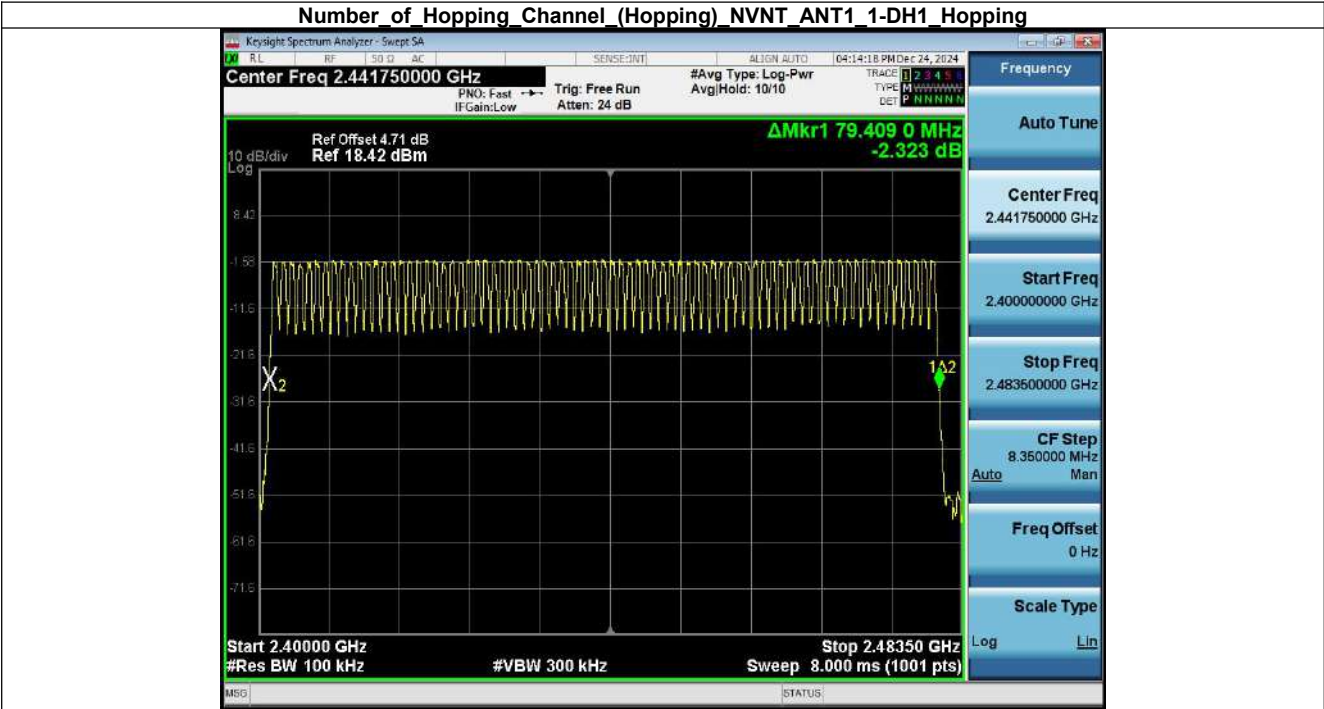


### Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

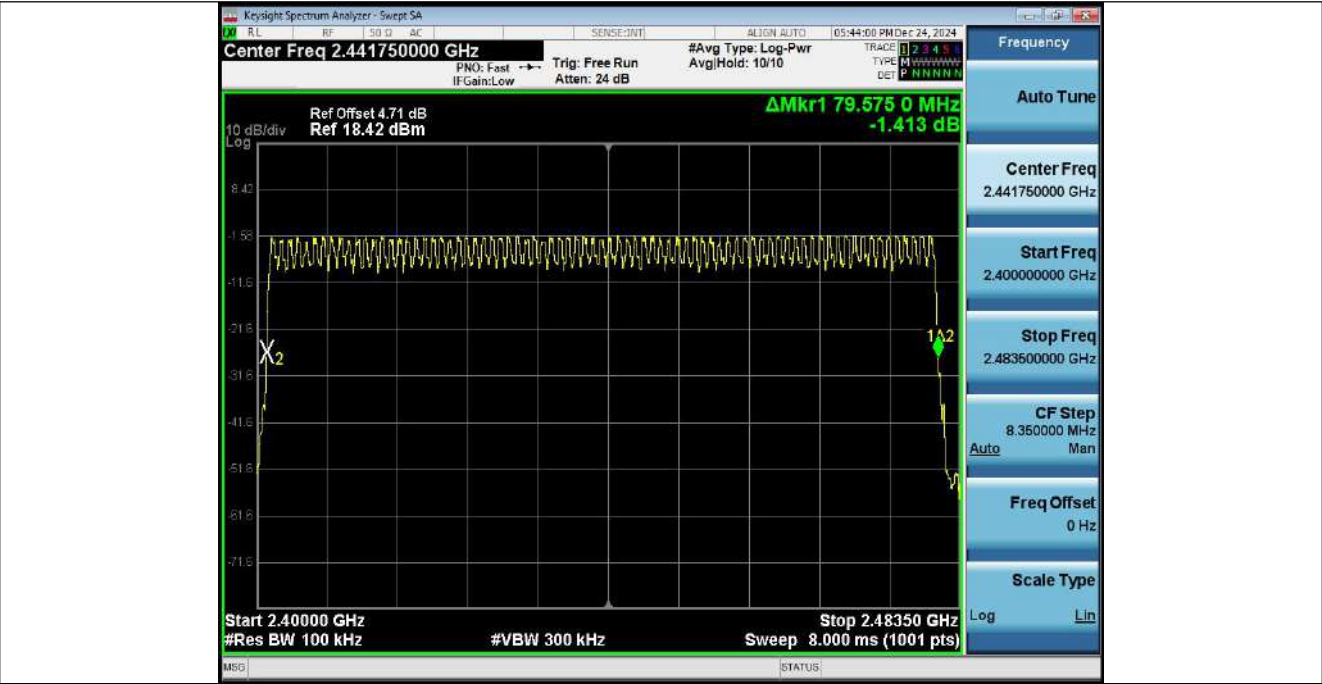


8. Number of Hopping Channel (Hopping)

| Condition | Antenna | Modulation | Hopping Num | Limit | Result |
|-----------|---------|------------|-------------|-------|--------|
| NVNT      | ANT1    | 1-DH1      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 2-DH1      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 3-DH1      | 79          | 15    | Pass   |

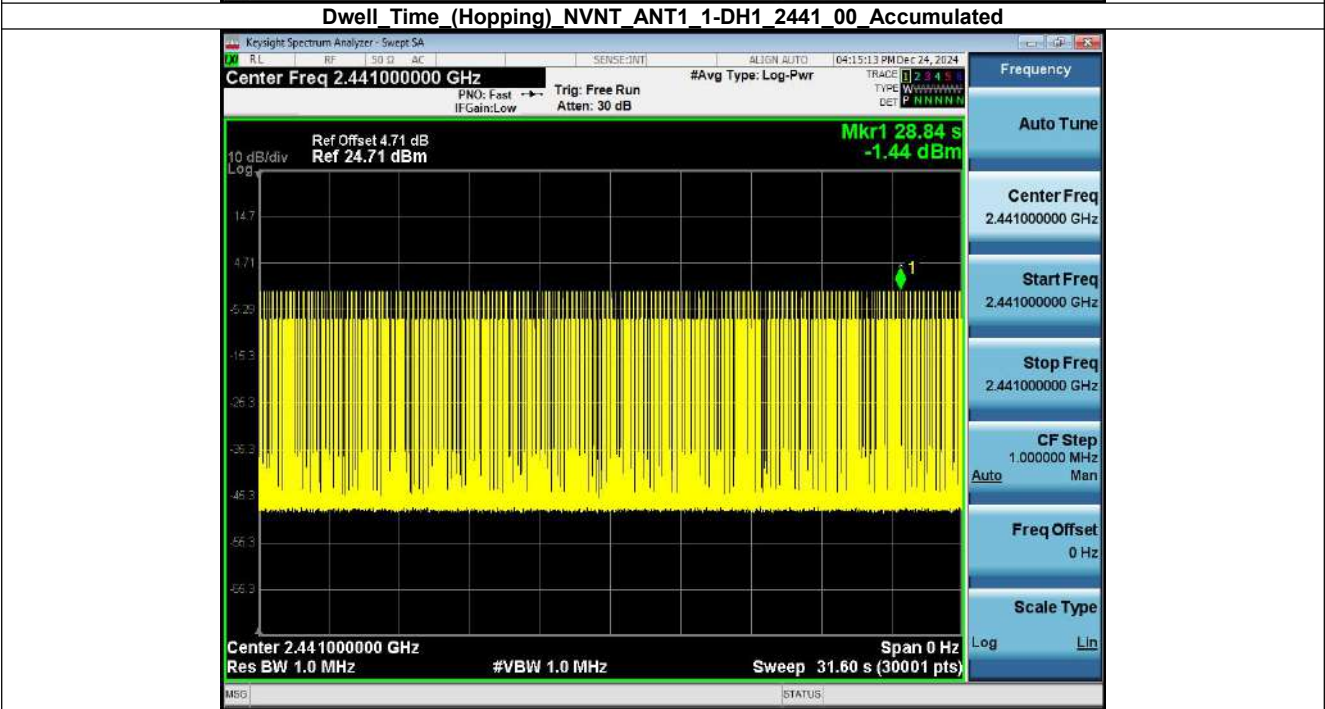
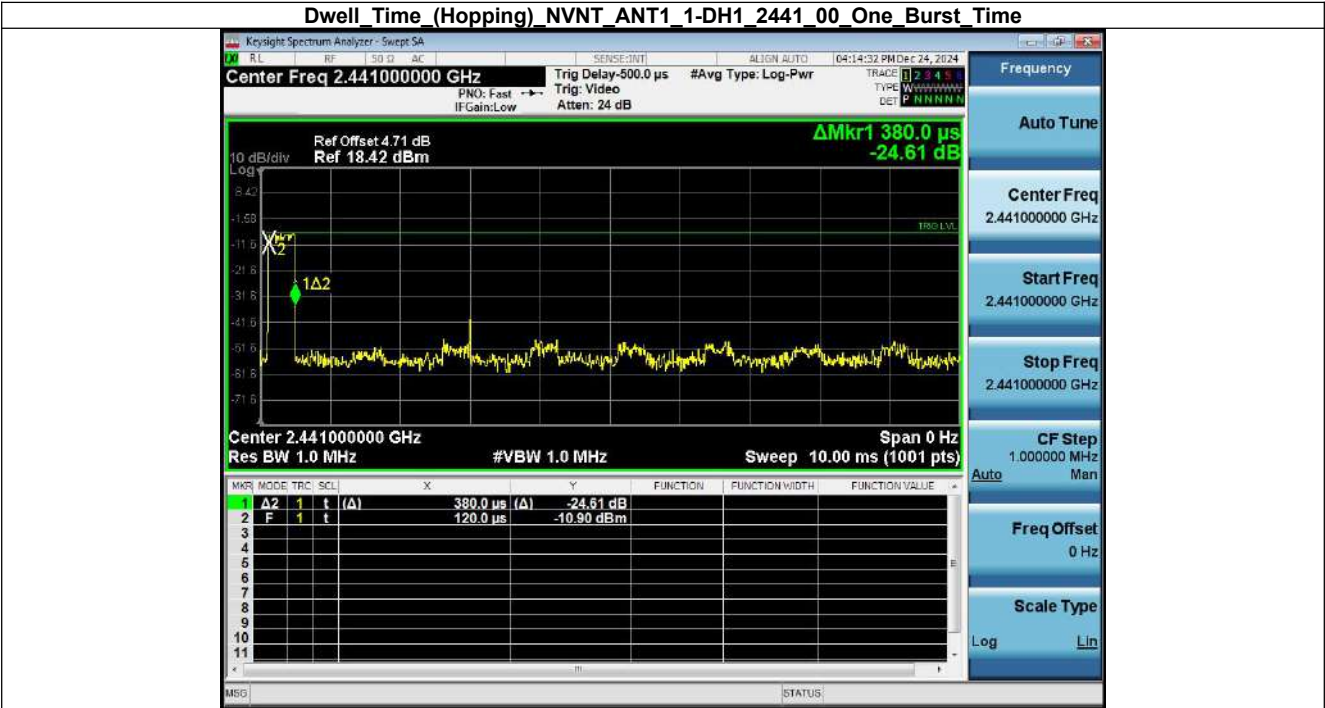


Number\_of\_Hopping\_Channel\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



9. Dwell Time (Hopping)

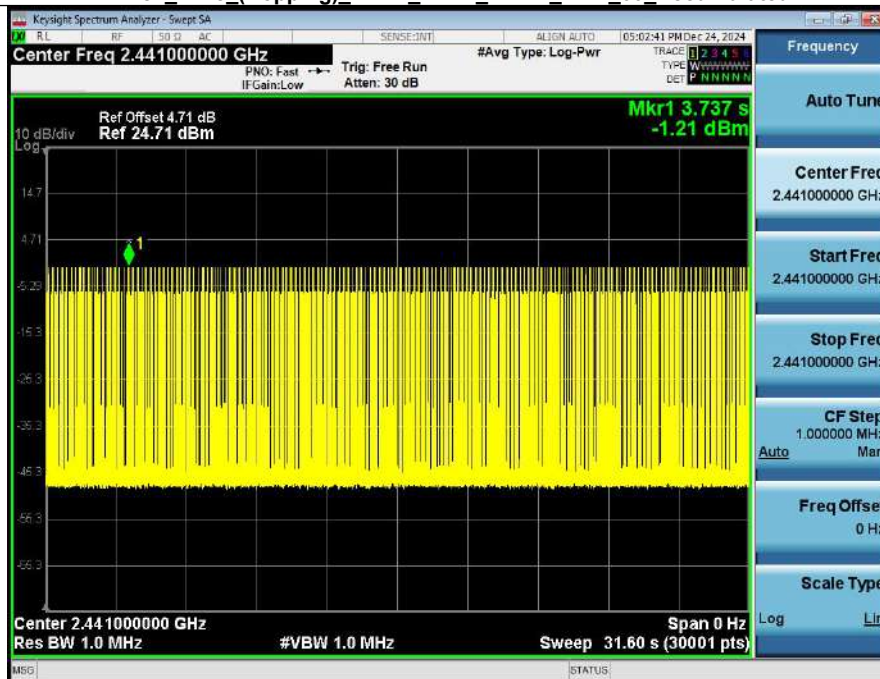
| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH1       | 0.380          | 319.00 | 121.220        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.400          | 320.00 | 128.000        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH1       | 0.390          | 320.00 | 124.800        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH5       | 1.640          | 151.00 | 247.640        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.650          | 169.00 | 278.850        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.900          | 111.00 | 321.900        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH3       | 1.650          | 157.00 | 259.050        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH5       | 2.900          | 113.00 | 327.700        | 0.40     | Pass   |



Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



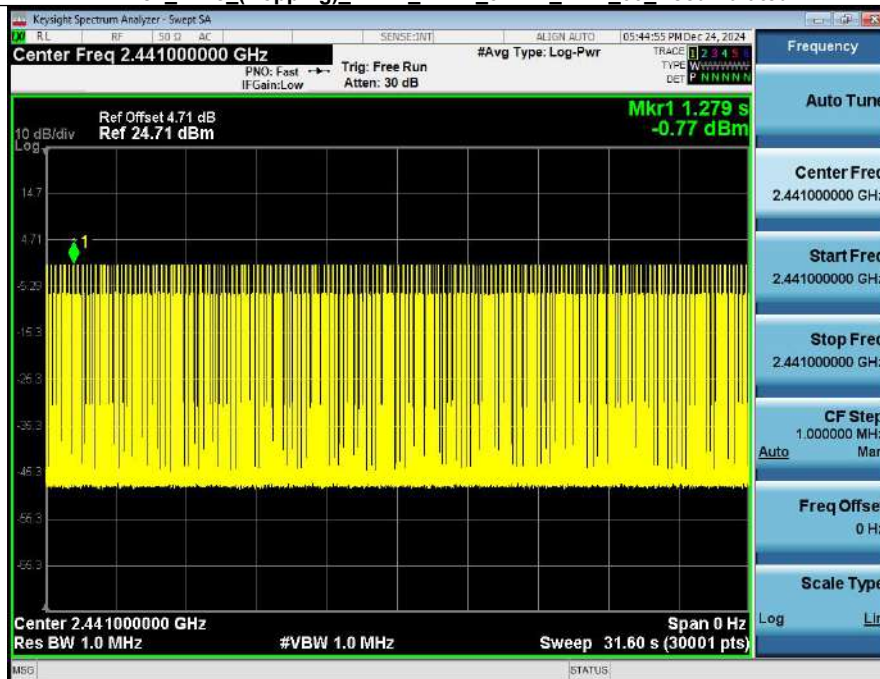
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_One Burst Time



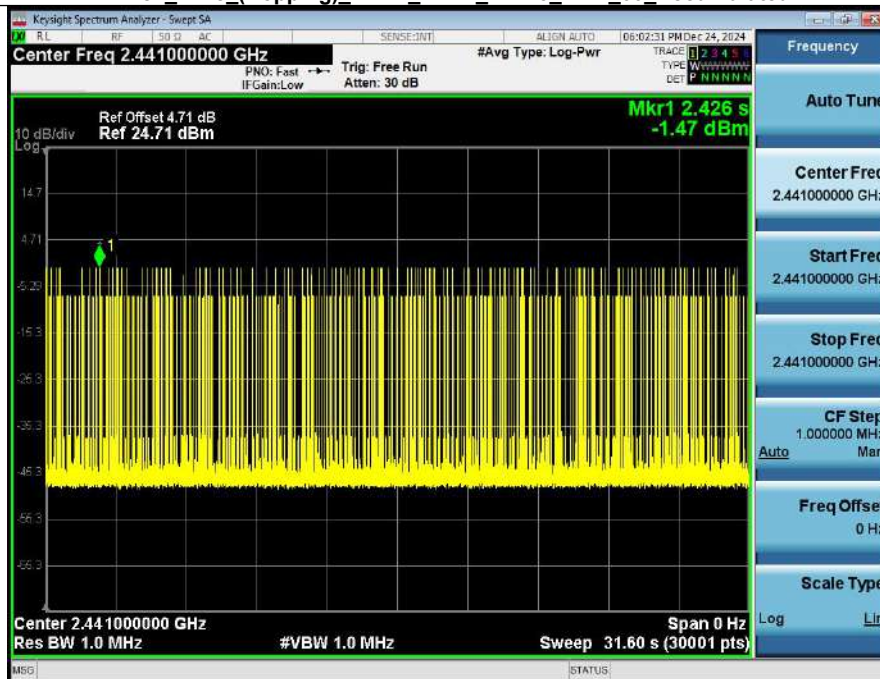
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_Accumulated



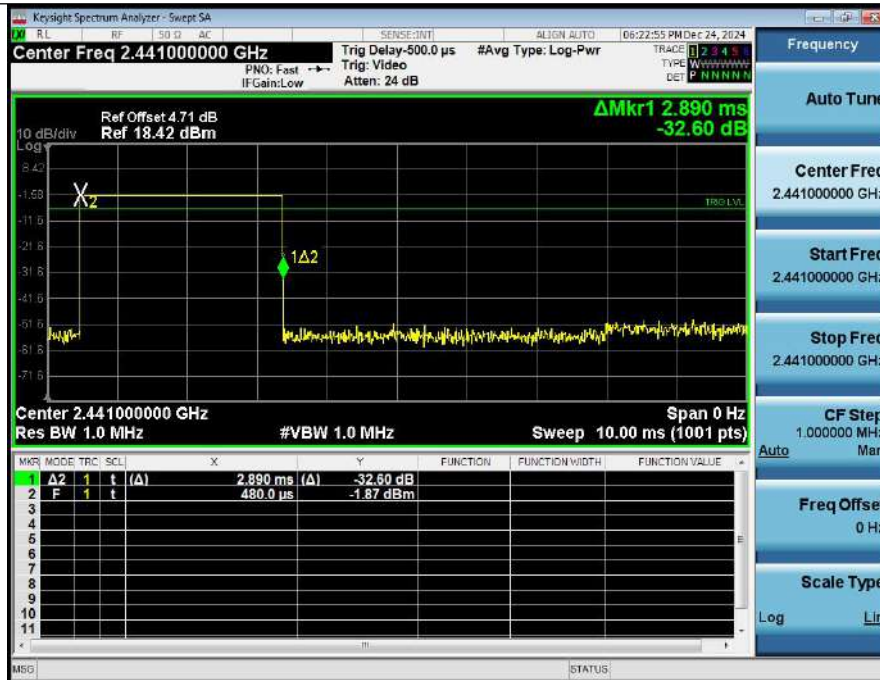
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_One Burst Time



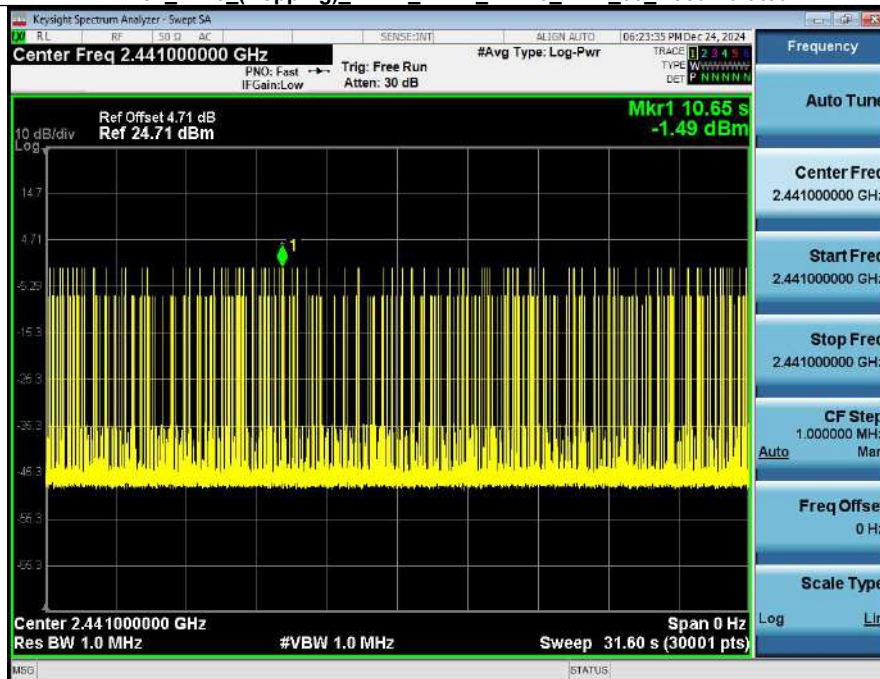
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_Accumulated



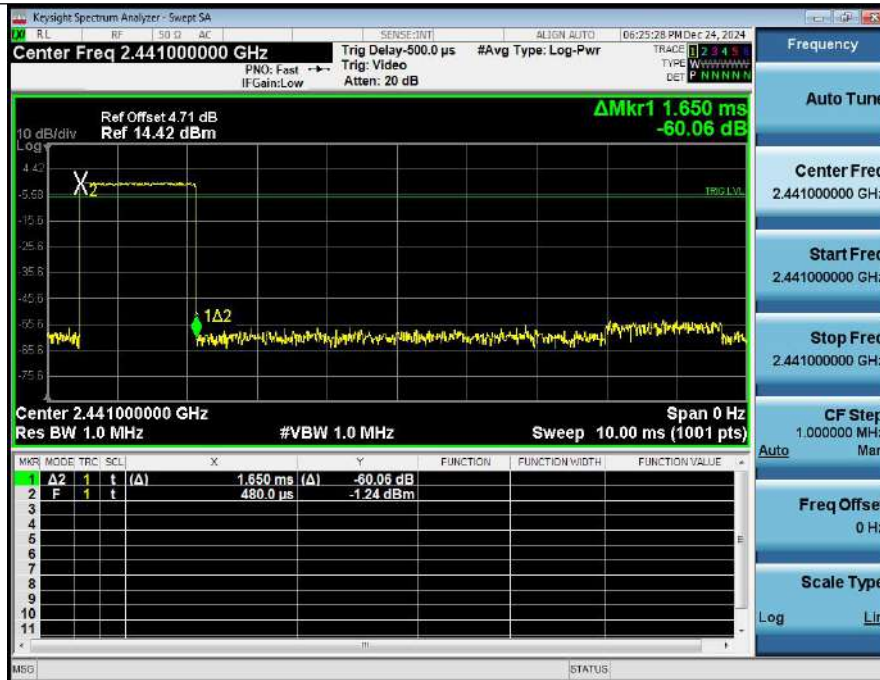
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_One Burst Time



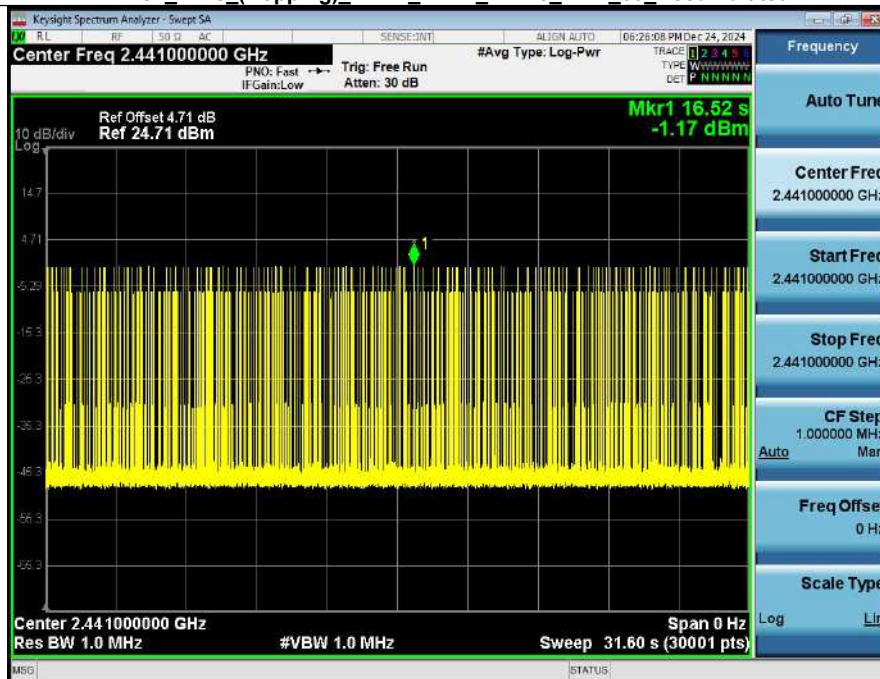
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_One Burst Time



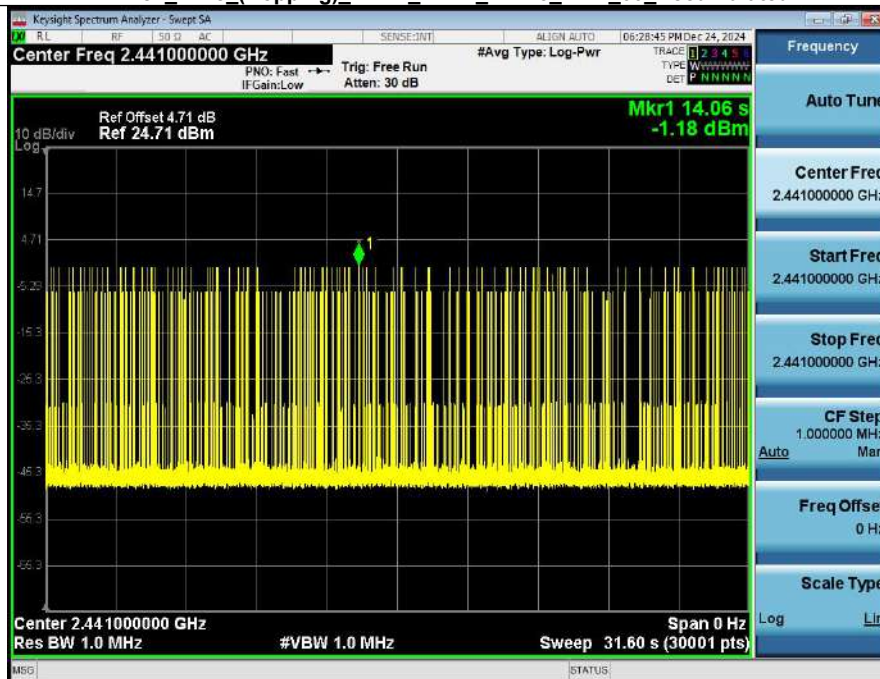
Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_One Burst Time



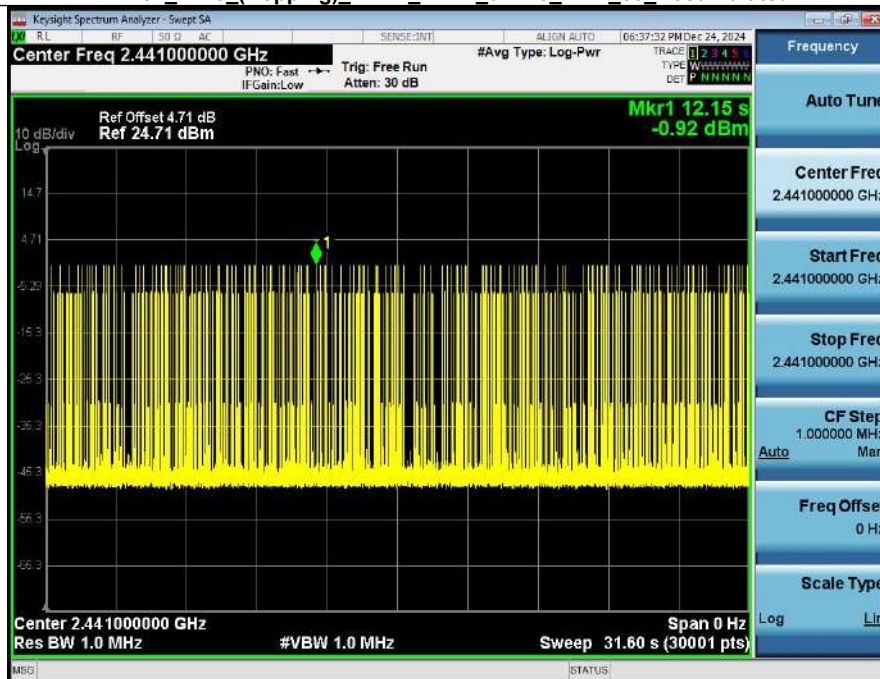
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_Accumulated



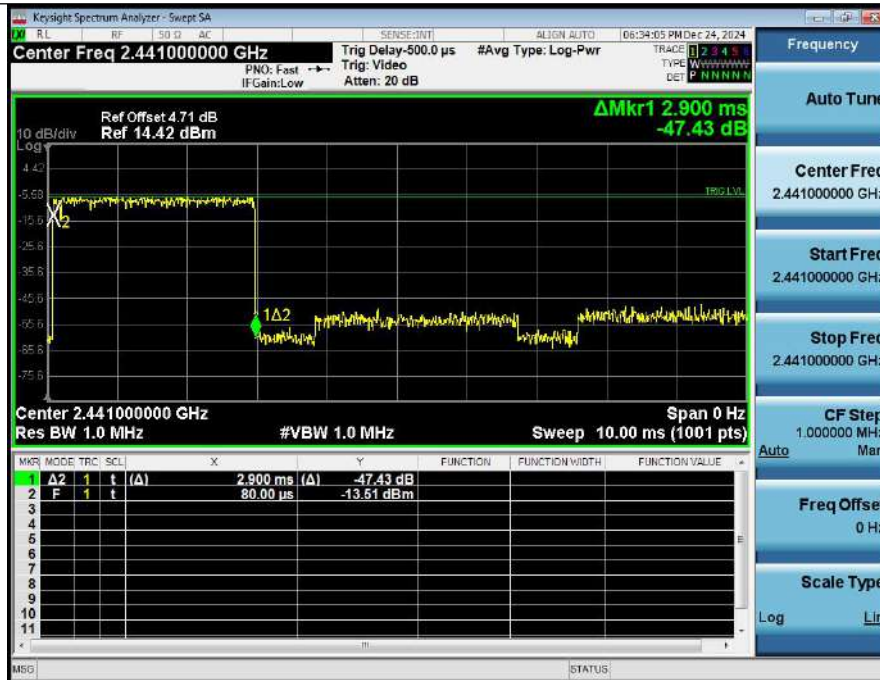
Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_One Burst Time



Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_3-DH5\_2441\_00\_One Burst Time



### Dwell Time (Hopping) NVNT\_ANT1\_3-DH5\_2441\_00\_Accumulated

