

**FCC ID EDR**  
**FCC\_BT (Part15.247) Test Data**  
**Report No.: BKC26010483AE-1**  
**FCC ID:2AC5R-SC-1108BT**

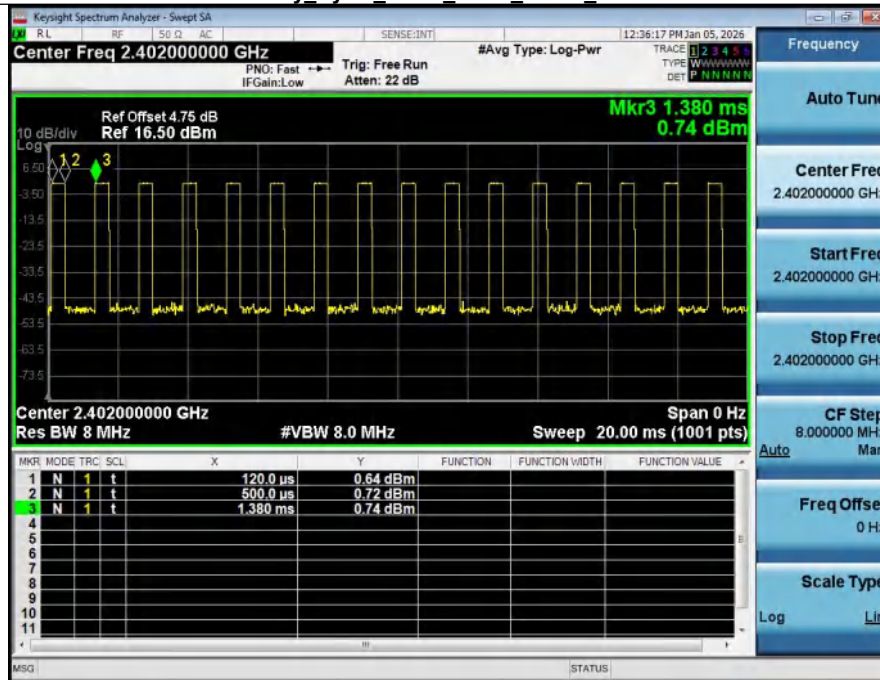
**Table of Contents**

|                                                   |    |
|---------------------------------------------------|----|
| 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 |

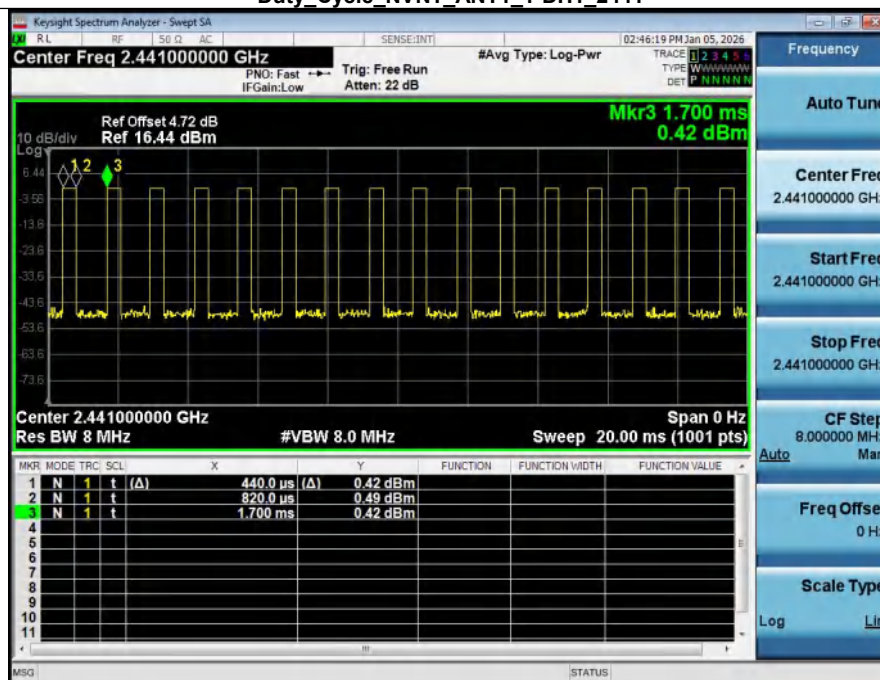
# 1. Duty Cycle

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

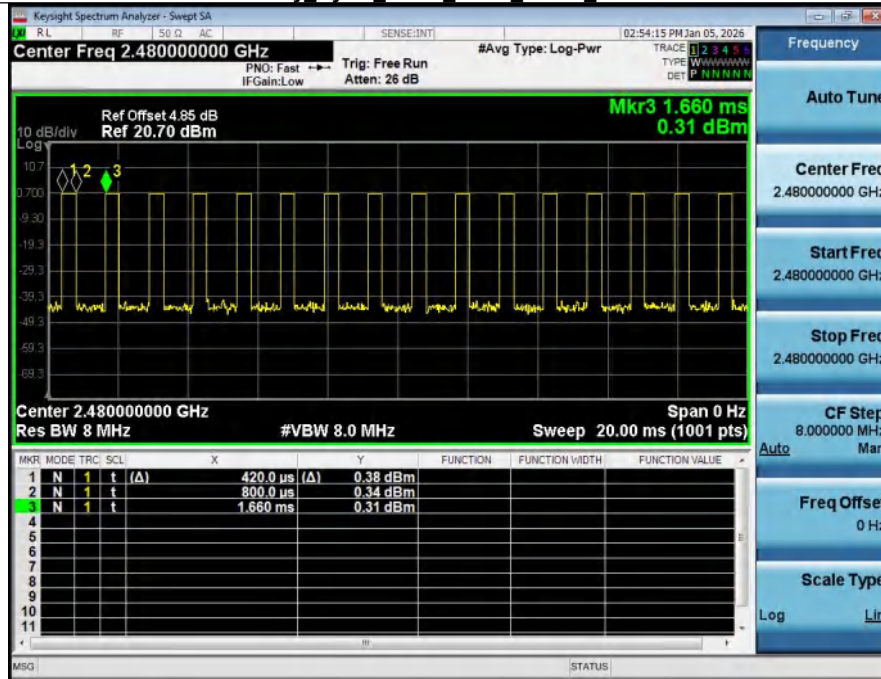
Duty\_Cycle\_NVNT\_ANT1\_1-DH1\_2402



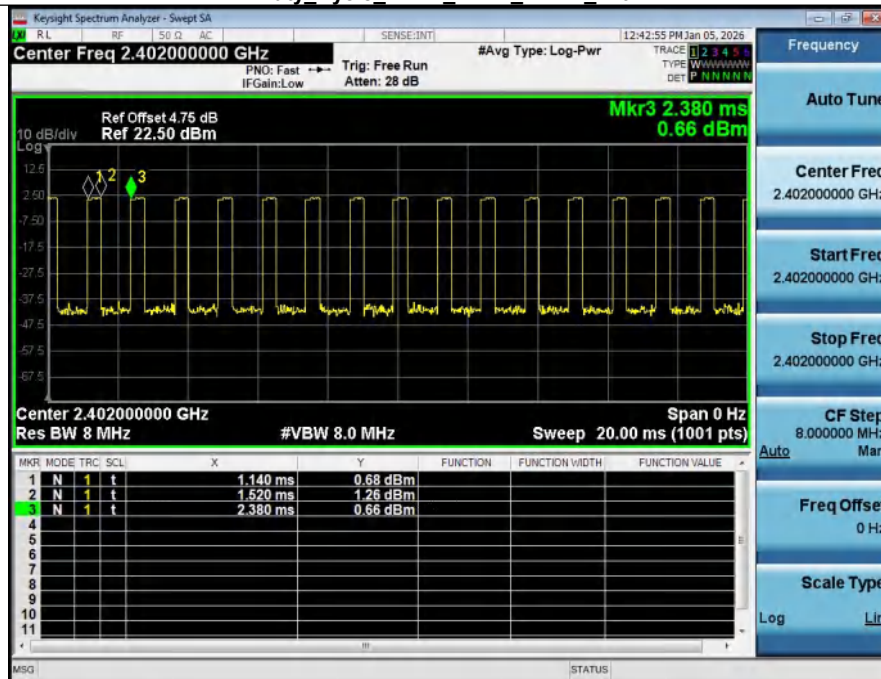
Duty\_Cycle\_NVNT\_ANT1\_1-DH1\_2441



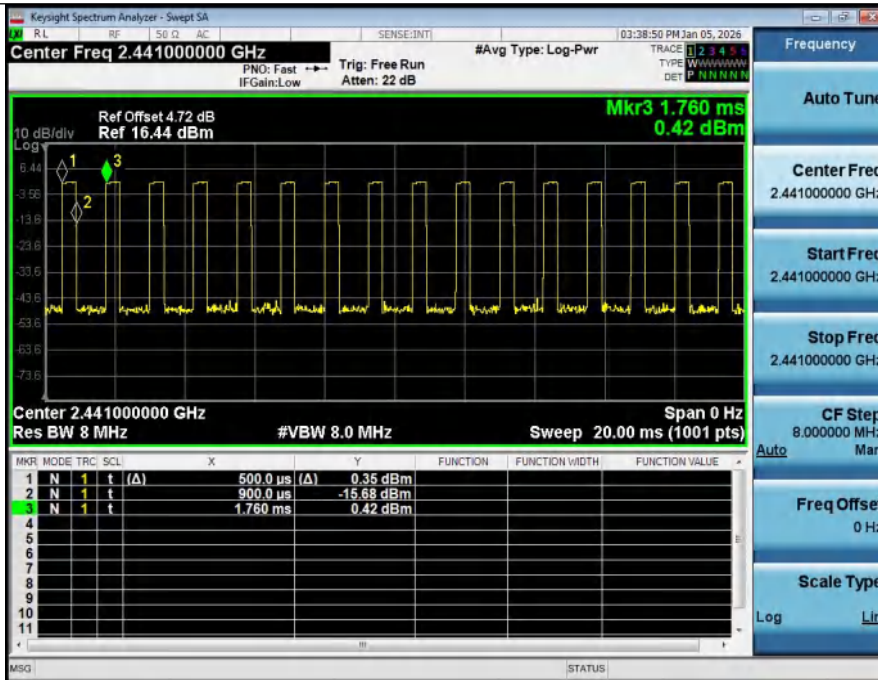
### Duty Cycle\_NVNT\_ANT1\_1-DH1\_2480



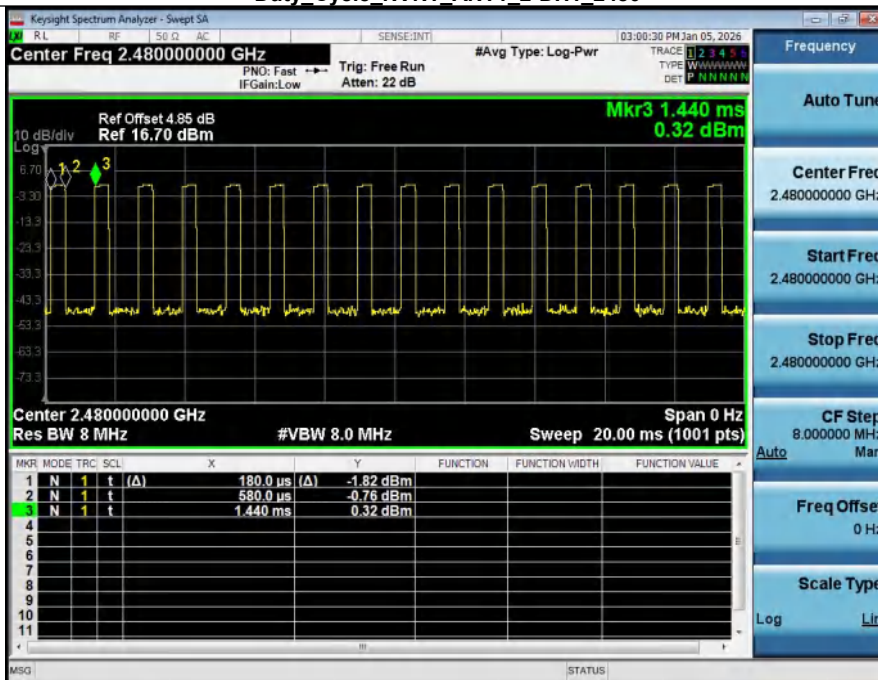
### Duty Cycle\_NVNT\_ANT1\_2-DH1\_2402



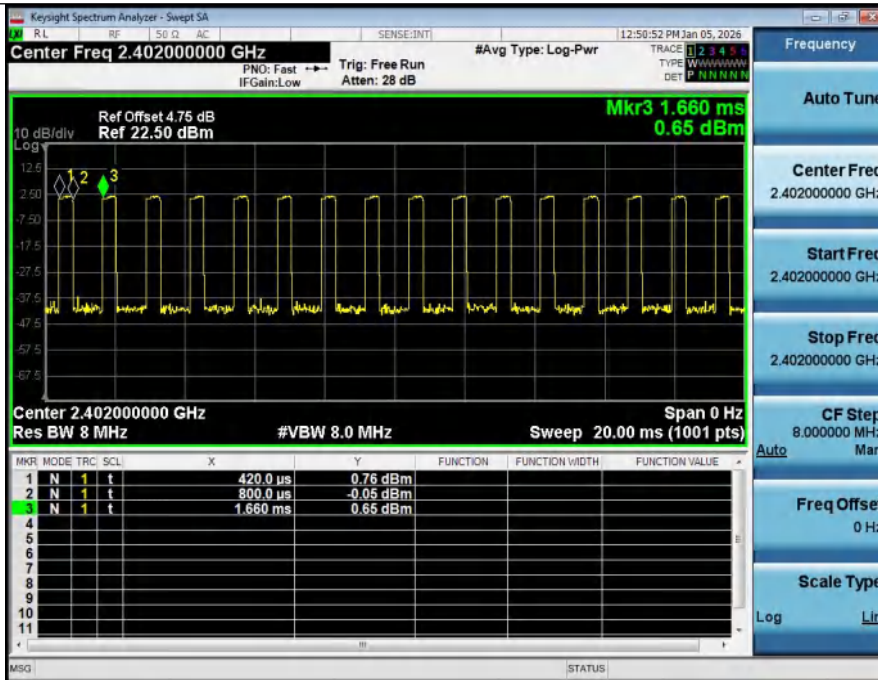
### Duty Cycle\_NVNT\_ANT1\_2-DH1\_2441



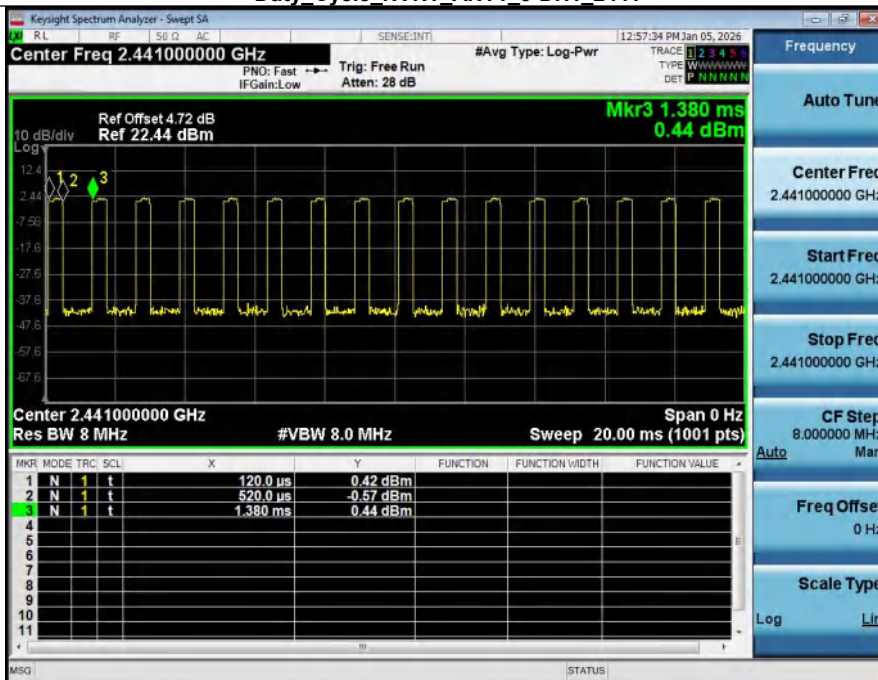
Duty\_Cycle\_NVNT\_ANT1\_2-DH1\_2480



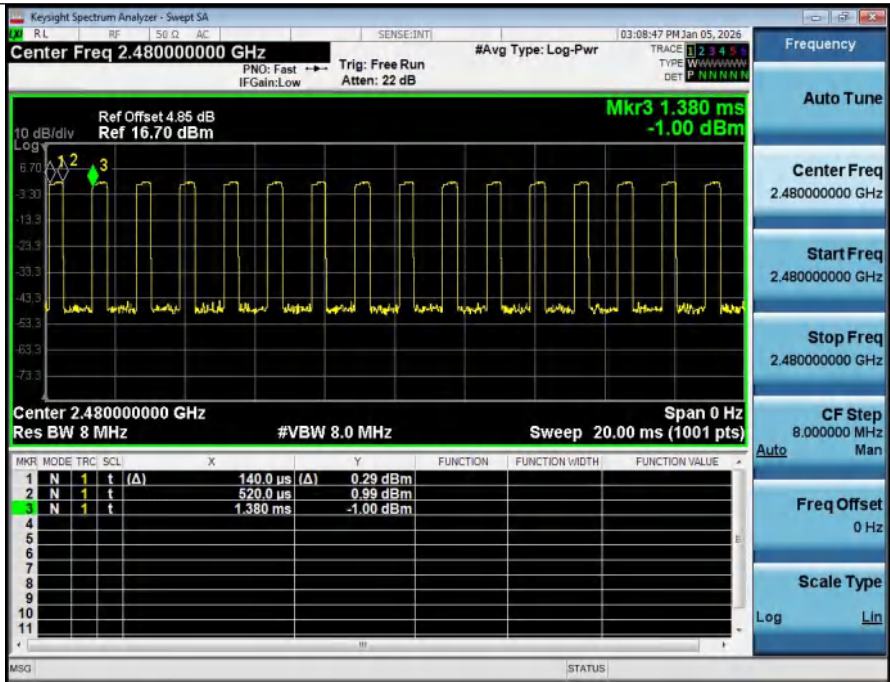
Duty\_Cycle\_NVNT\_ANT1\_3-DH1\_2402



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

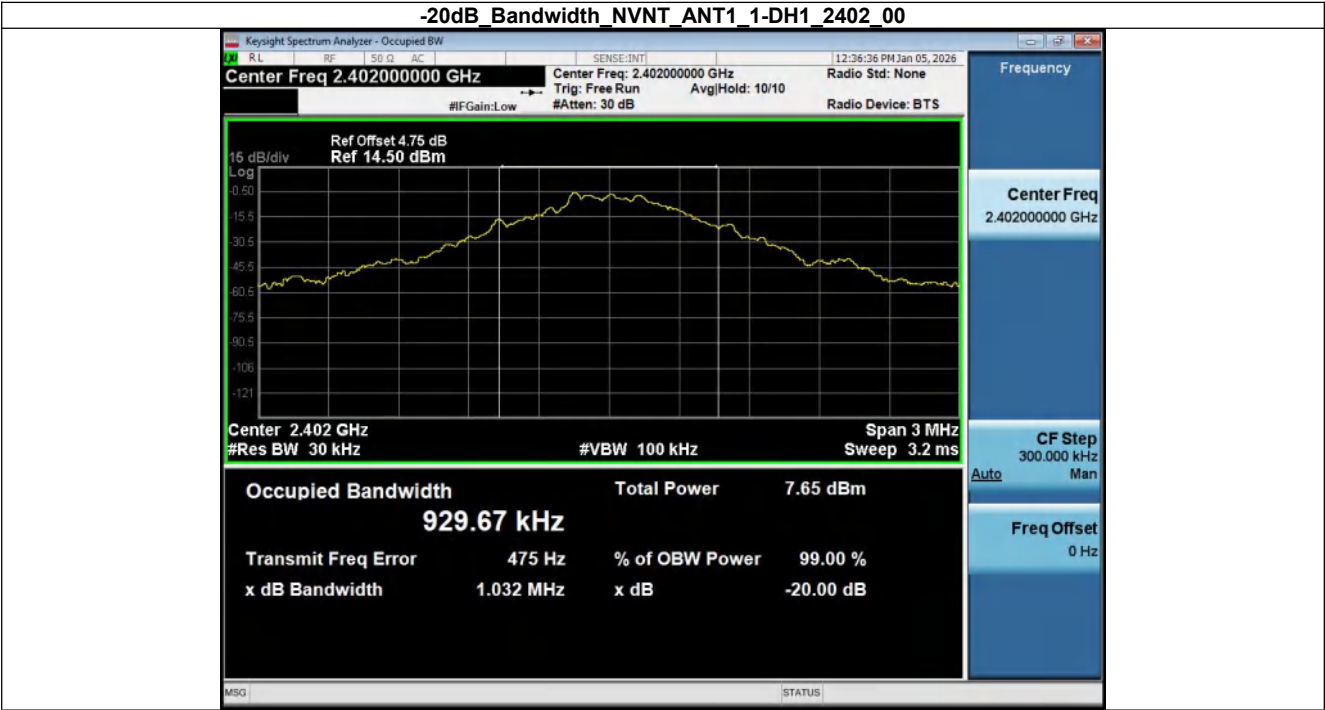


Duty Cycle\_NVNT\_ANT1\_3-DH1\_2480



2. -20dB Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 1.032         | Yes                |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 1.039         | Yes                |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 1.034         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.299         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.290         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.284         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.260         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.263         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.268         | Yes                |



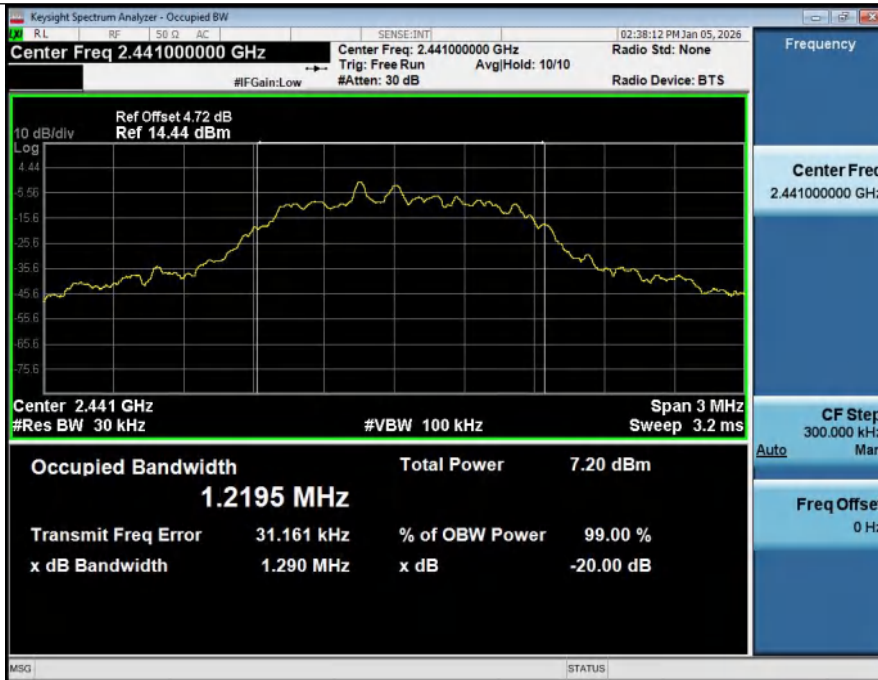
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480\_00



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



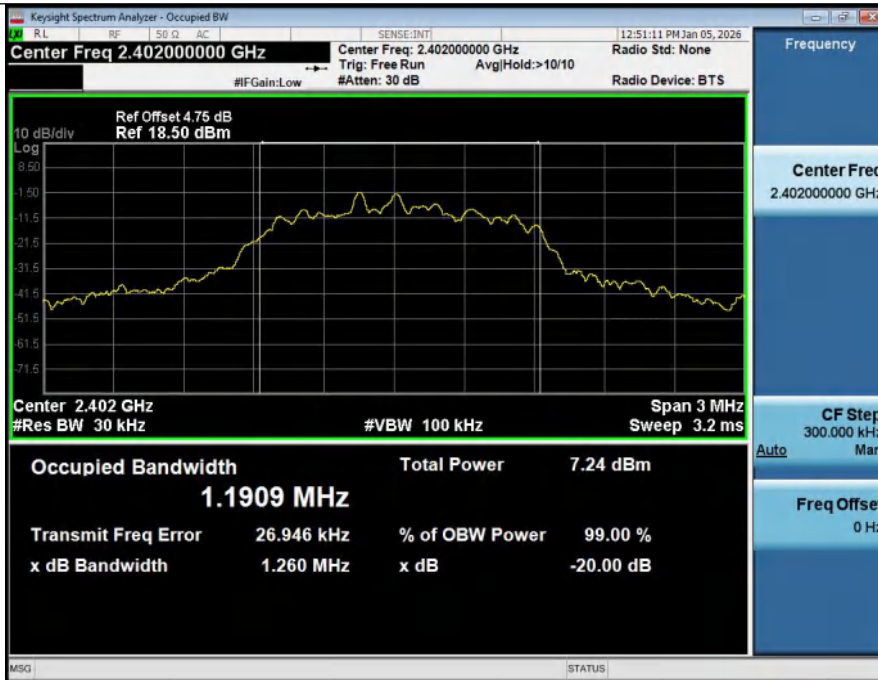
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2441\_00



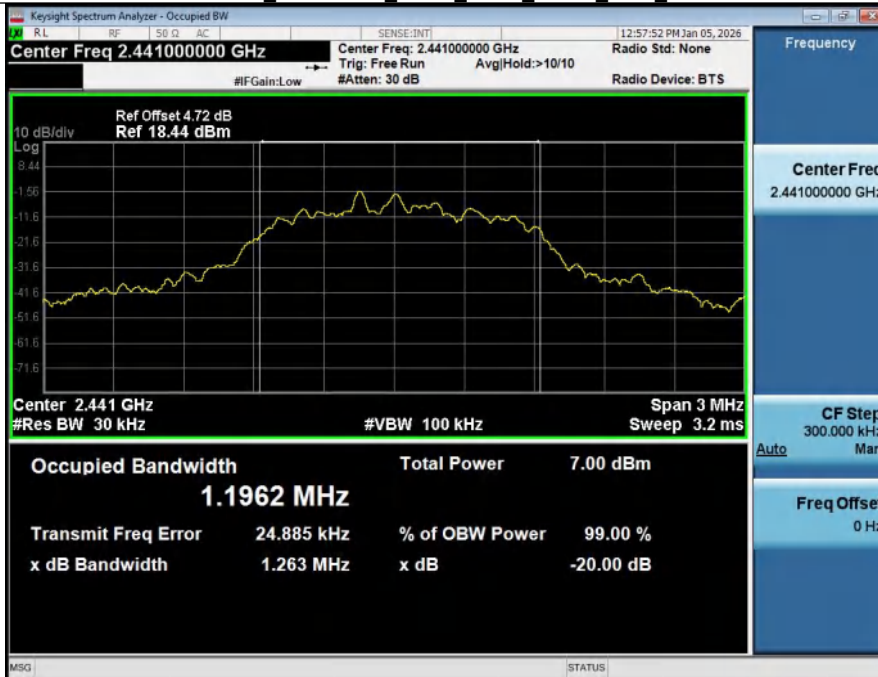
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2480\_00



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



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

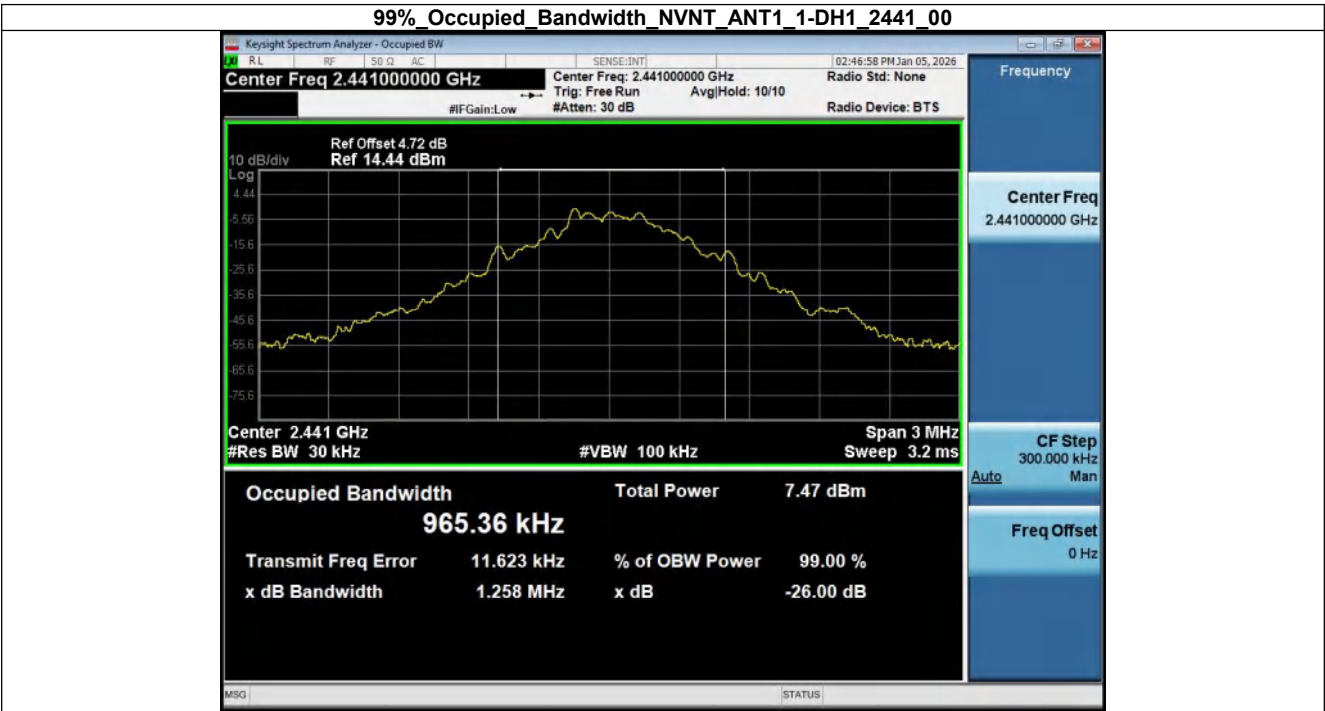


-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2480\_00



3. 99% Occupied Bandwidth

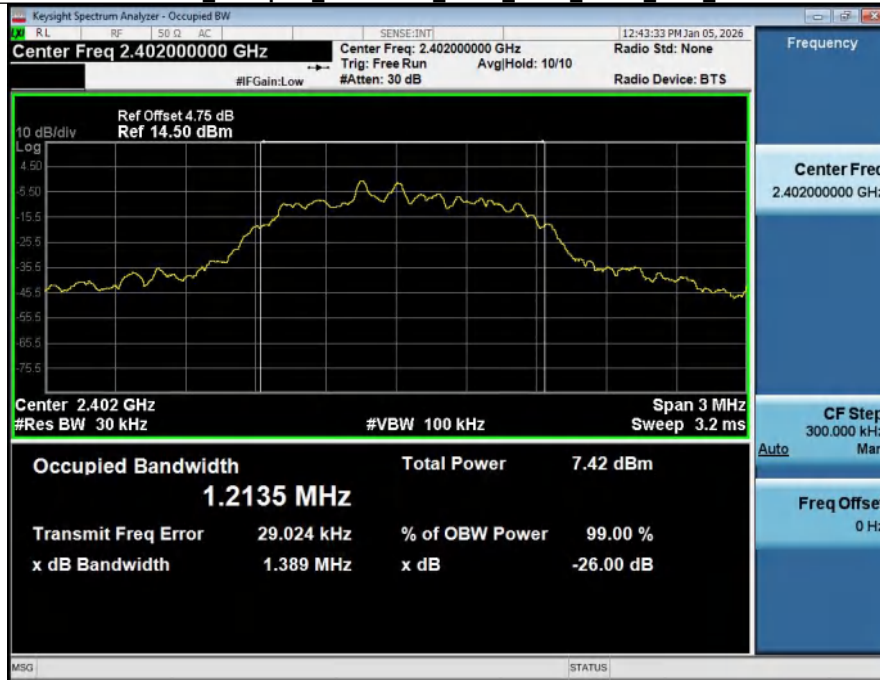
| Condition | Antenna | Modulation | Frequency (MHz) | 99% BW(MHz) |
|-----------|---------|------------|-----------------|-------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.929       |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.965       |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.971       |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.213       |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.220       |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.214       |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.191       |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.198       |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.196       |



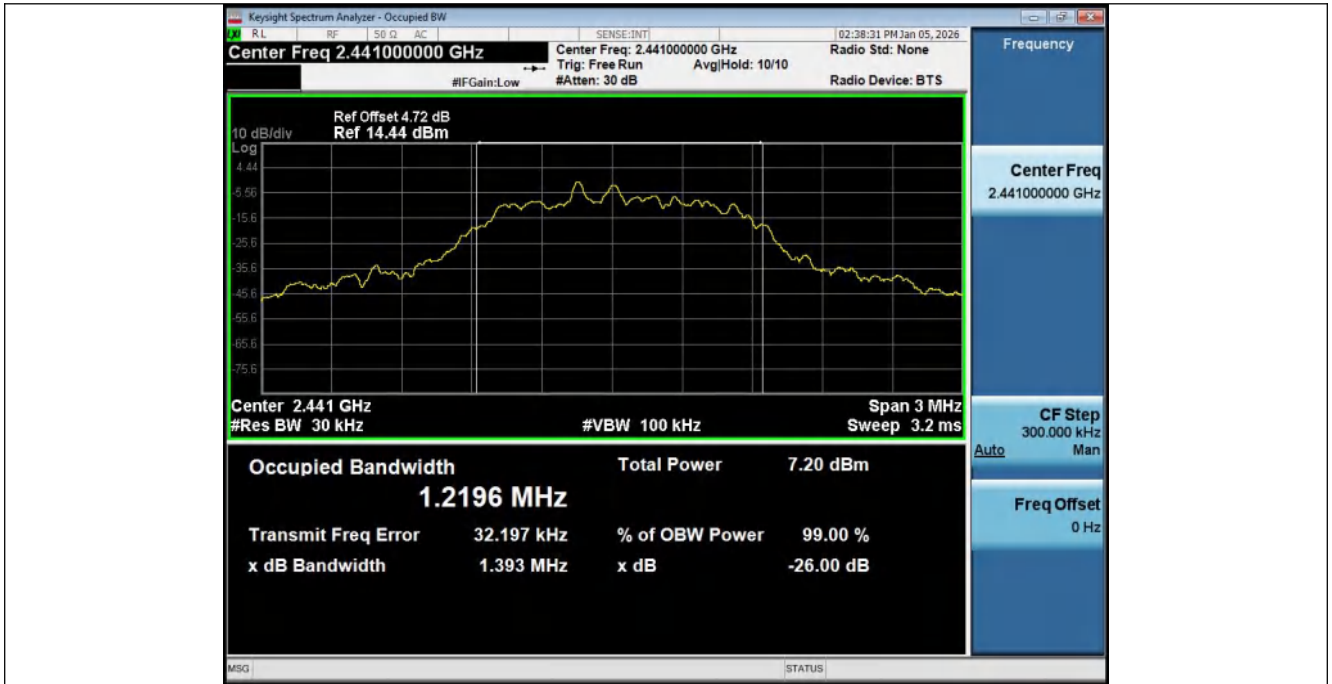
99% Occupied Bandwidth NVNT\_ANT1\_1-DH1\_2480\_00



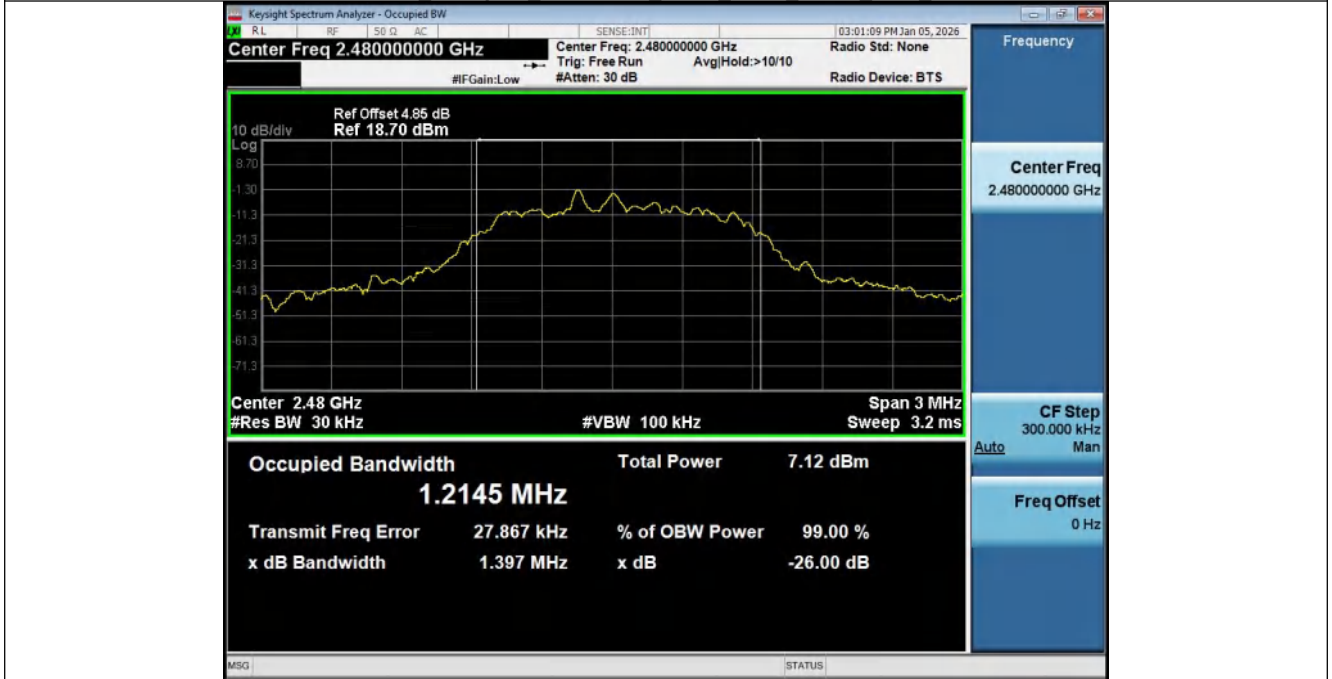
99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2402\_00



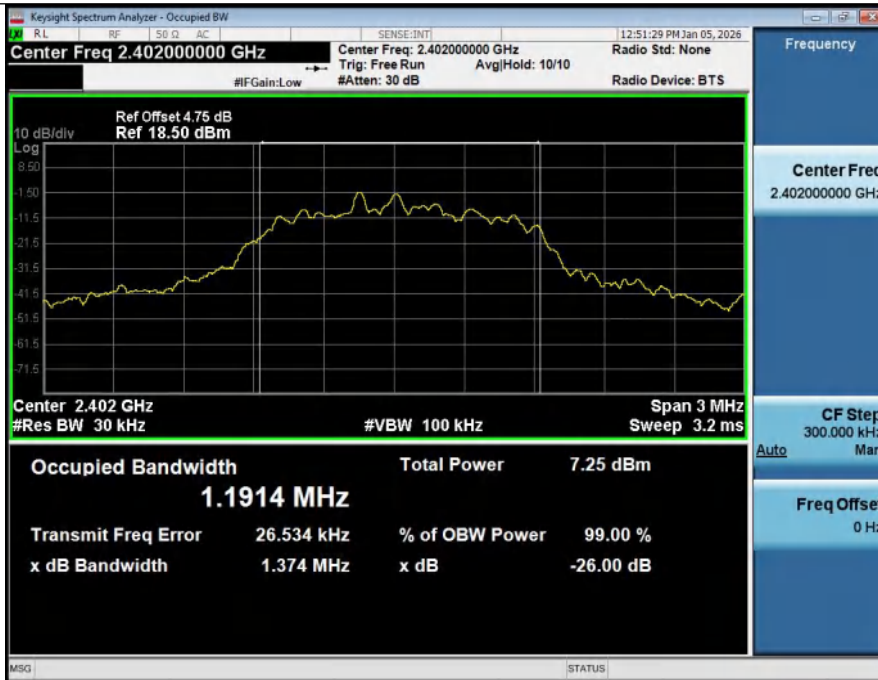
99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2441\_00



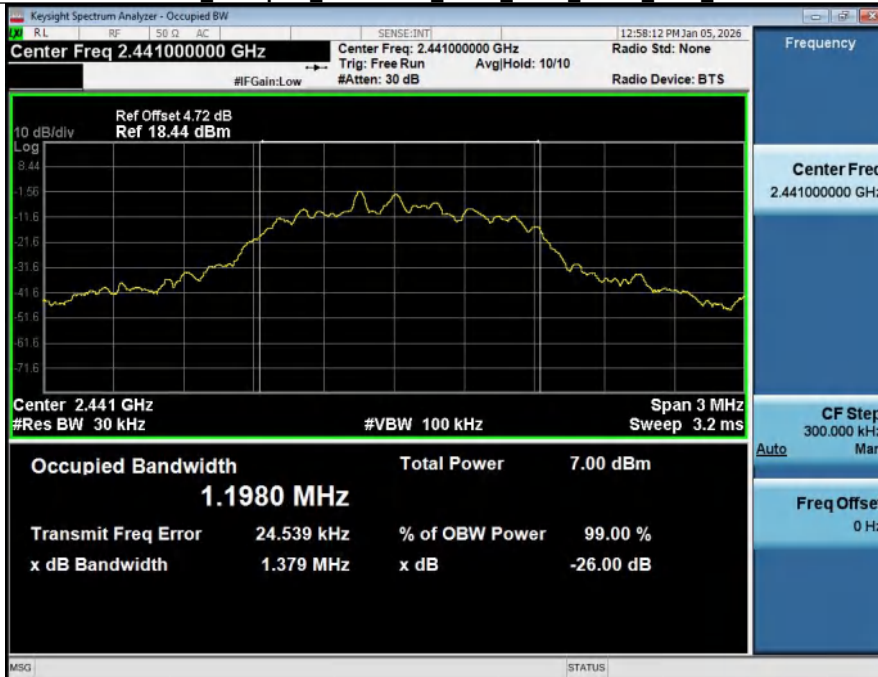
99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2480\_00



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         | 0.72                      | 1.18                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.49                      | 1.12                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.42                      | 1.10                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.44                      | 1.39                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.22                      | 1.32                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.17                      | 1.31                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.92                      | 1.55                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.74                      | 1.49                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.56                      | 1.43                     | 125       | Pass   |

Peak\_Output\_Power\_NVNT\_ANT1\_1-DH1\_2402\_00



Peak\_Output\_Power\_NVNT\_ANT1\_1-DH1\_2441\_00



# 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



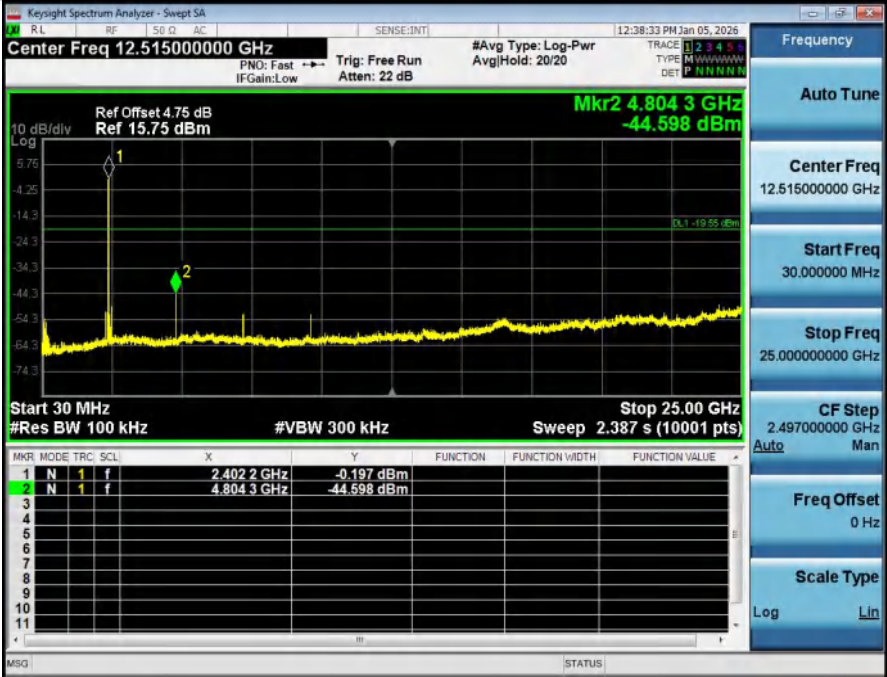
5. Spurious Emissions

| Condition | Antenna | Modulation | TX Mode | Ref_level(dBm) | Spurious<br>MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|----------------|----------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00 | 0.448          | -44.598                    | -19.552 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00 | 0.163          | -42.214                    | -19.837 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00 | 0.079          | -47.370                    | -19.921 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00 | 0.416          | -44.980                    | -19.584 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00 | 0.179          | -45.542                    | -19.821 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00 | 0.095          | -48.401                    | -19.905 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00 | 0.434          | -44.485                    | -19.566 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00 | 0.135          | -43.938                    | -19.865 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00 | 0.073          | -43.453                    | -19.927 | Pass   |

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



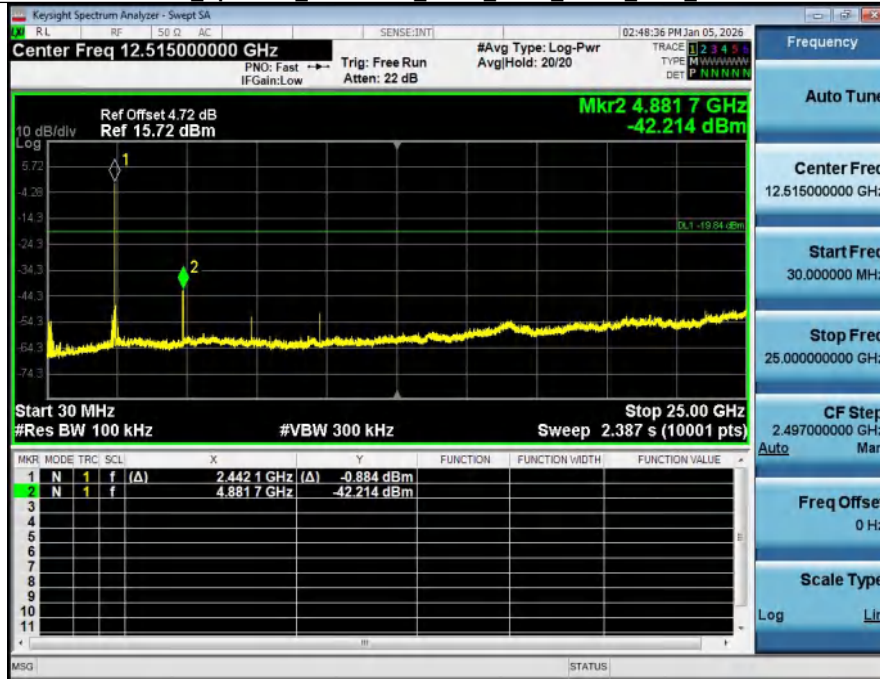
2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2402\_00



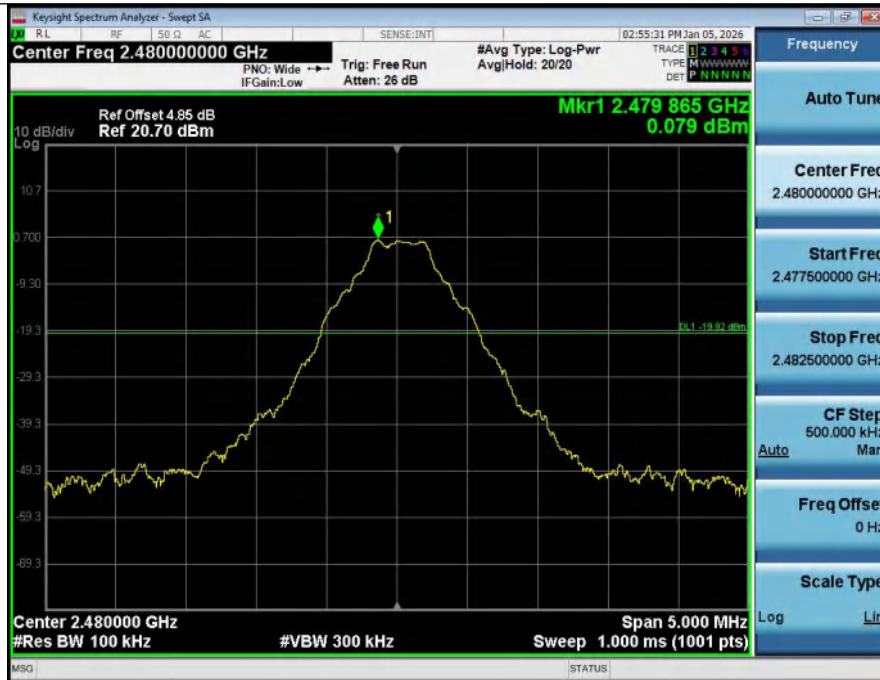
# 1 Reference Level NVNT ANT1 1-DH1 2441 00



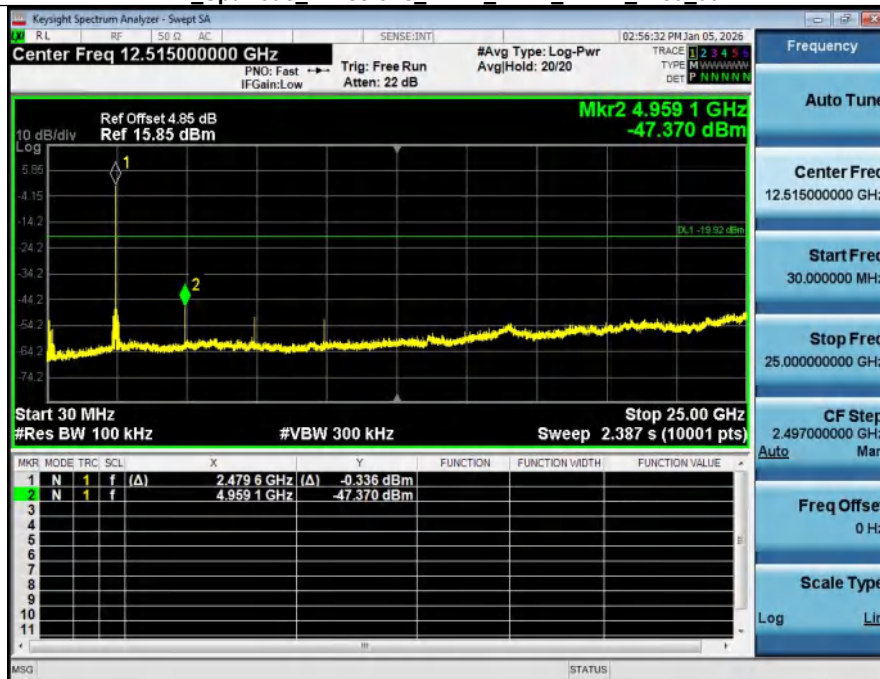
# 2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



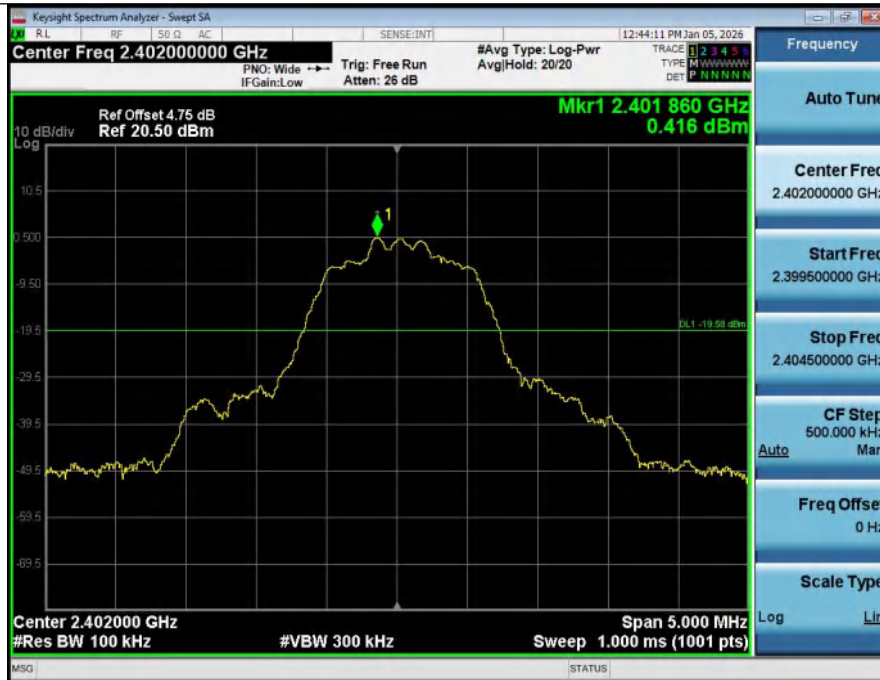
# 1 Reference Level NVNT ANT1 1-DH1 2480 00



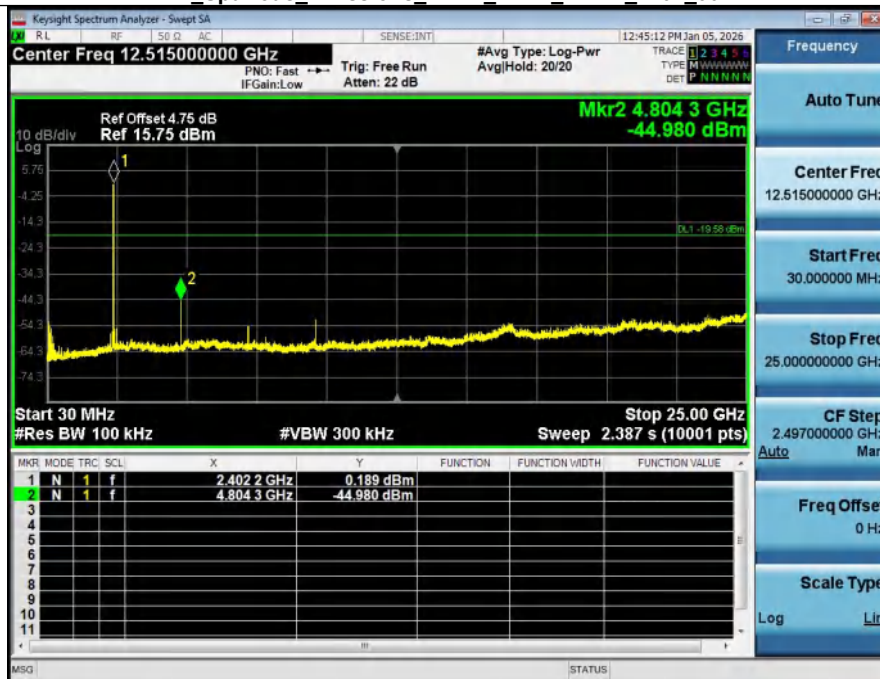
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2480\_00



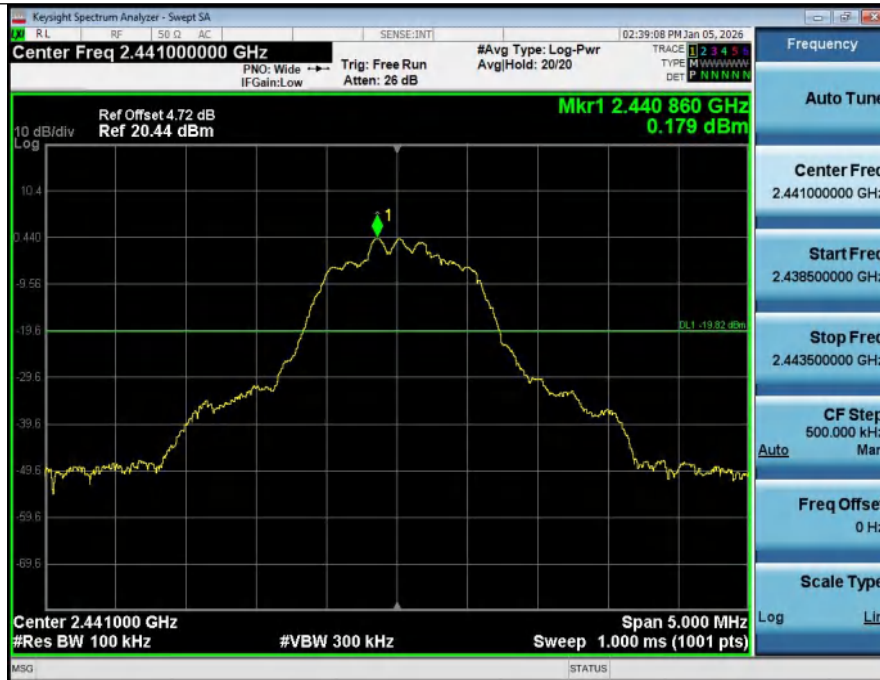
## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



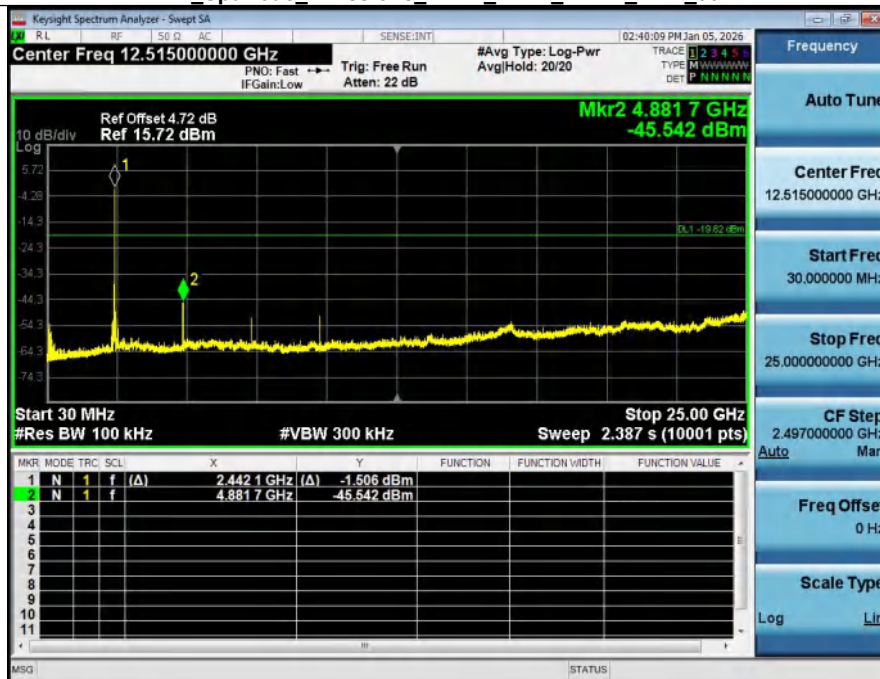
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2402\_00



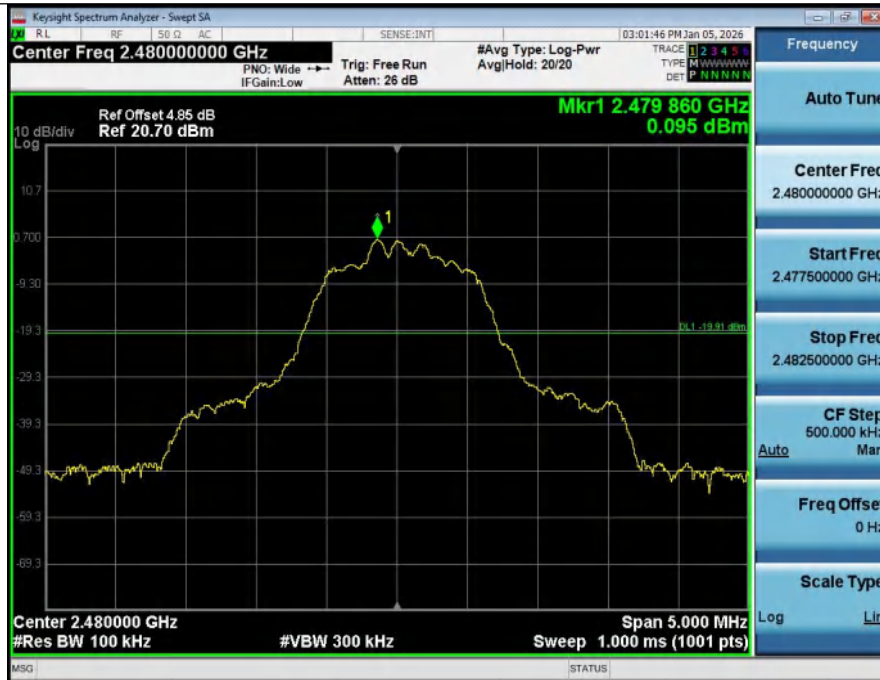
## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2441\_00



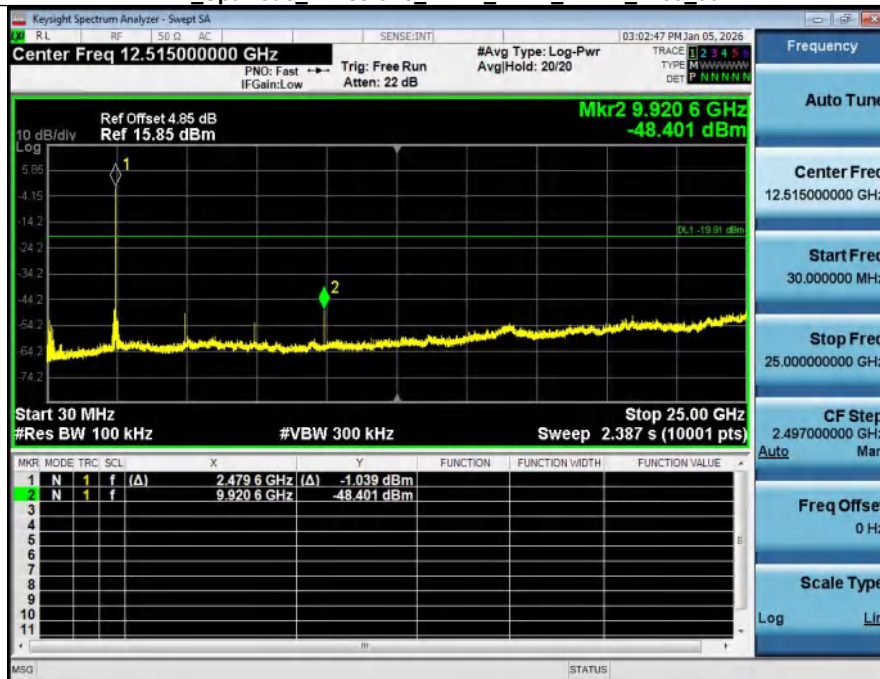
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2441\_00



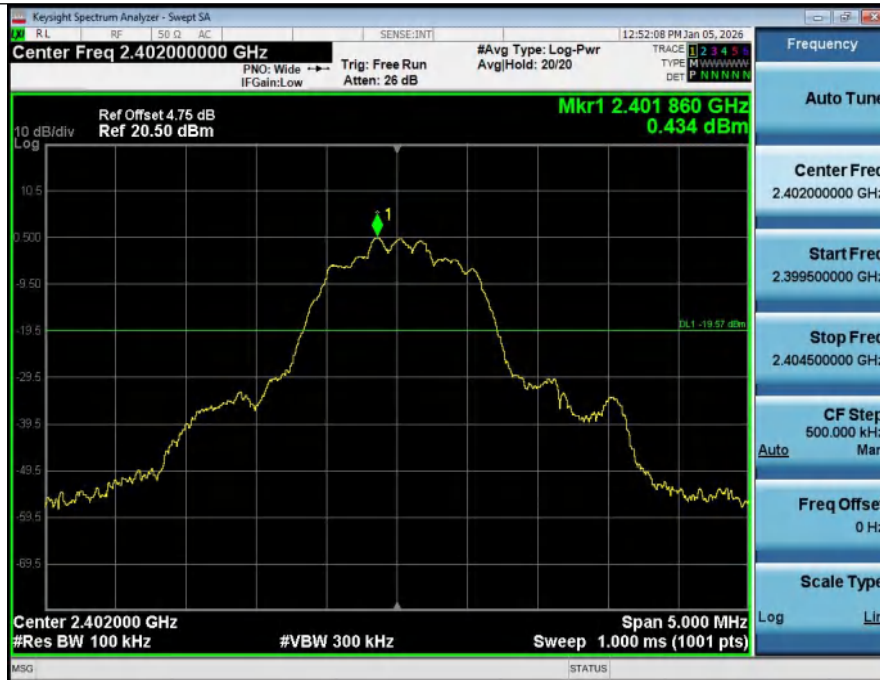
## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2480\_00



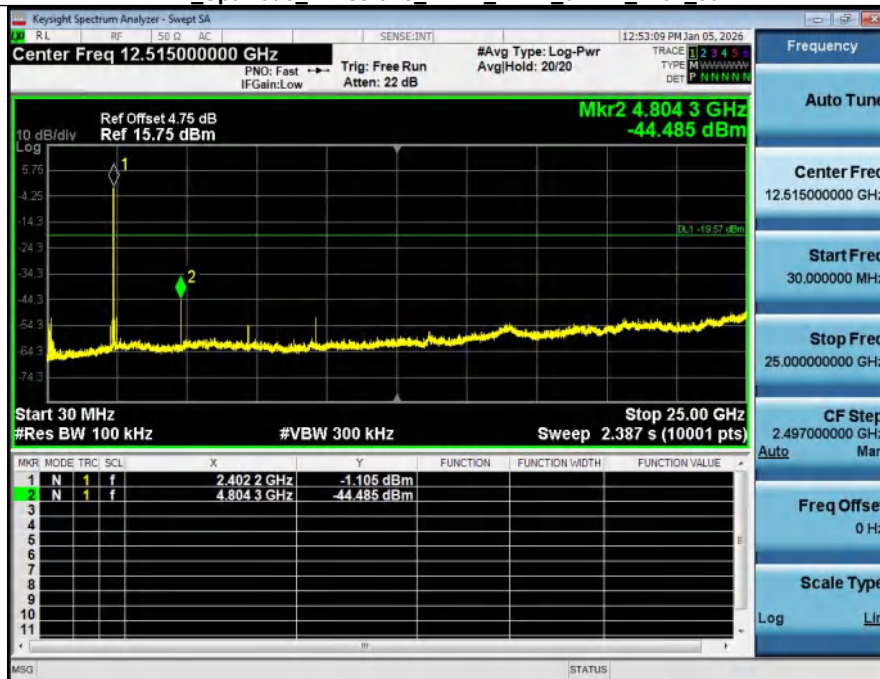
2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2480\_00



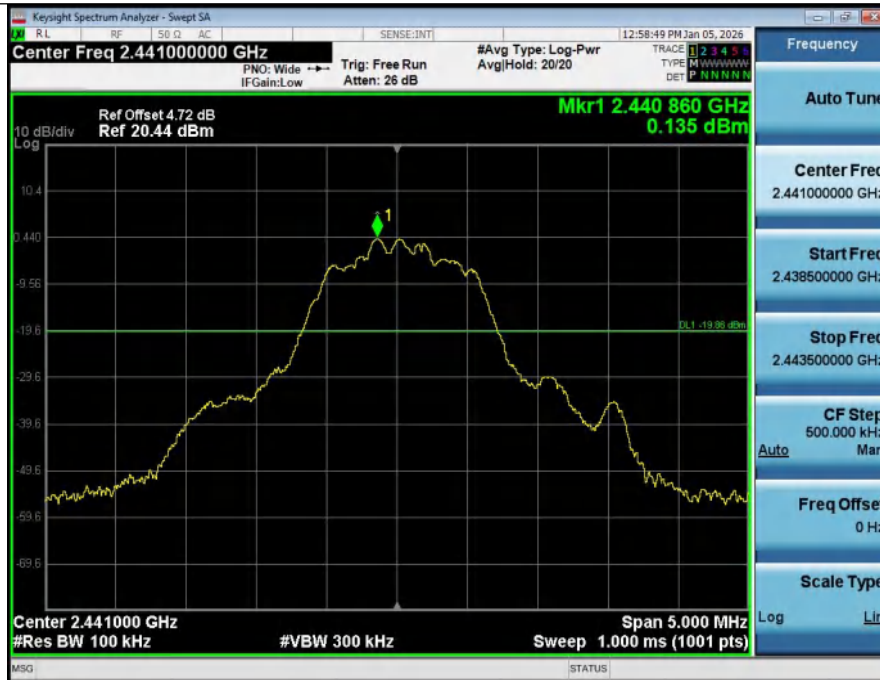
1\_Reference\_Level\_NVNT\_ANT1\_3-DH1\_2402\_00



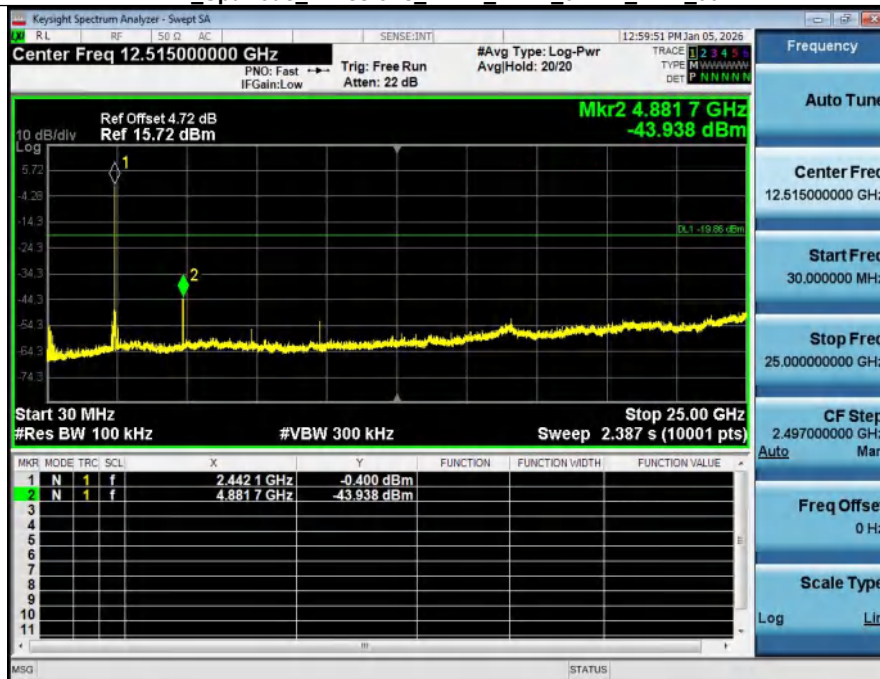
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH1\_2402\_00



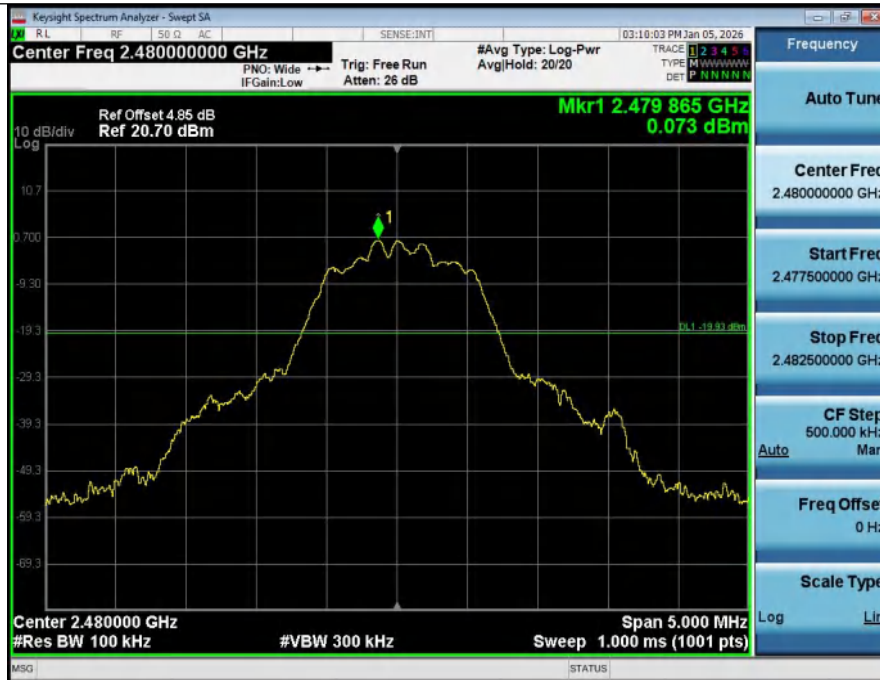
## 1\_Reference\_Level\_NVNT\_ANT1\_3-DH1\_2441\_00



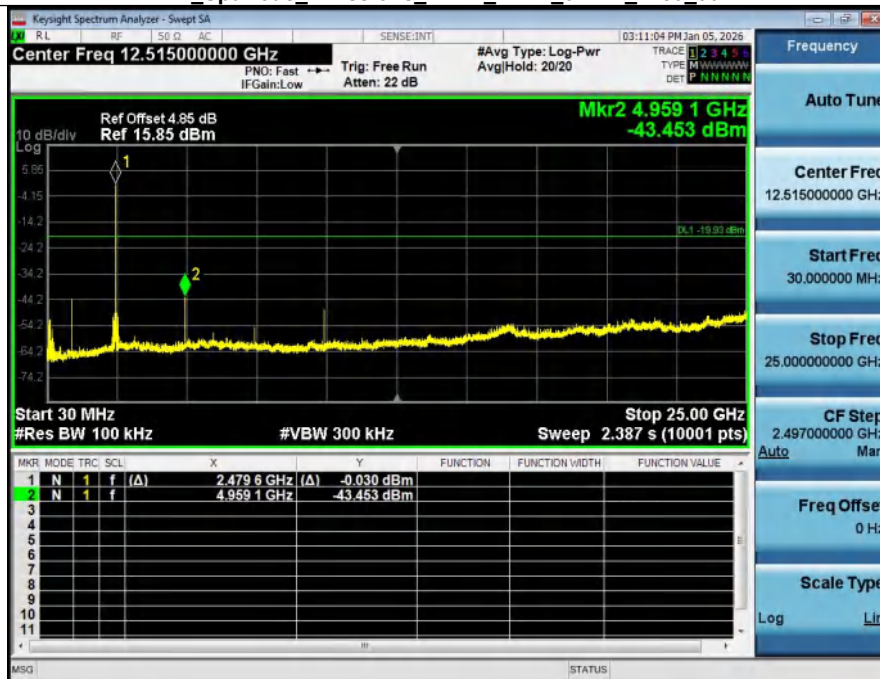
2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH1\_2441\_00



1\_Reference\_Level\_NVNT\_ANT1\_3-DH1\_2480\_00

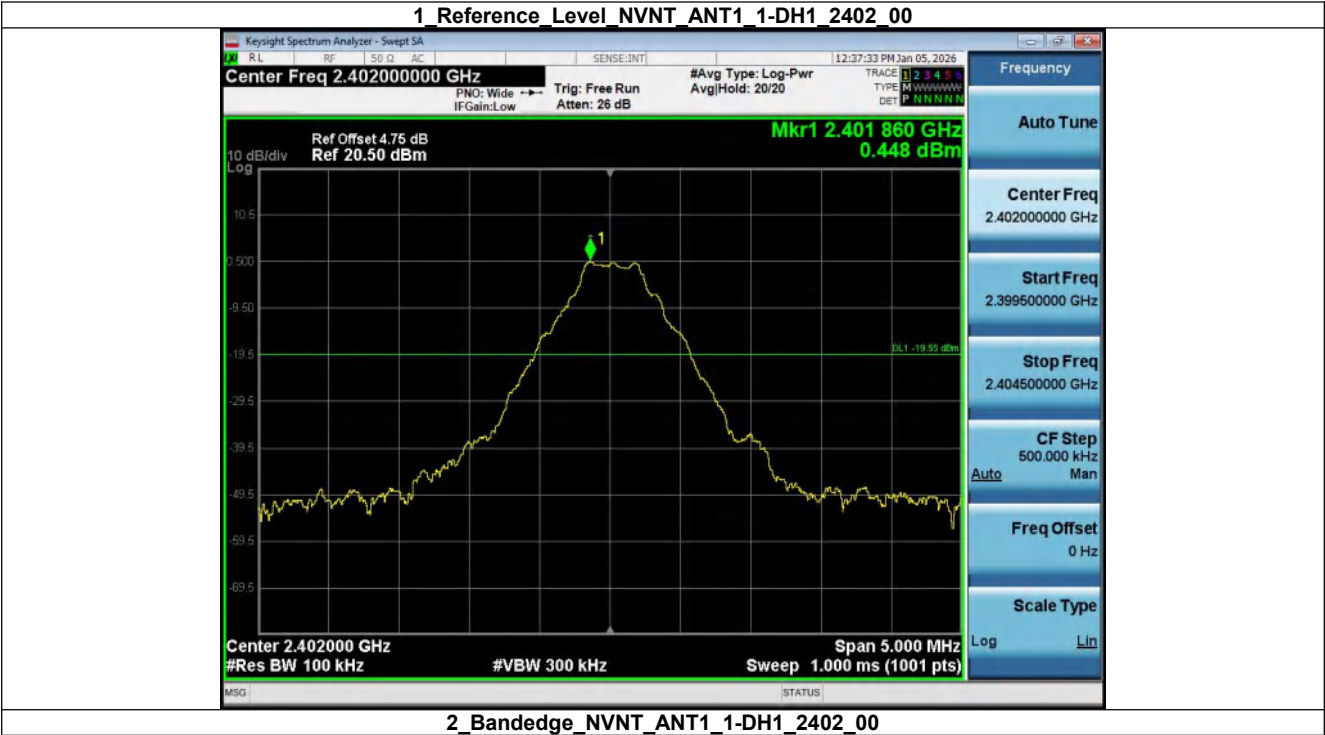


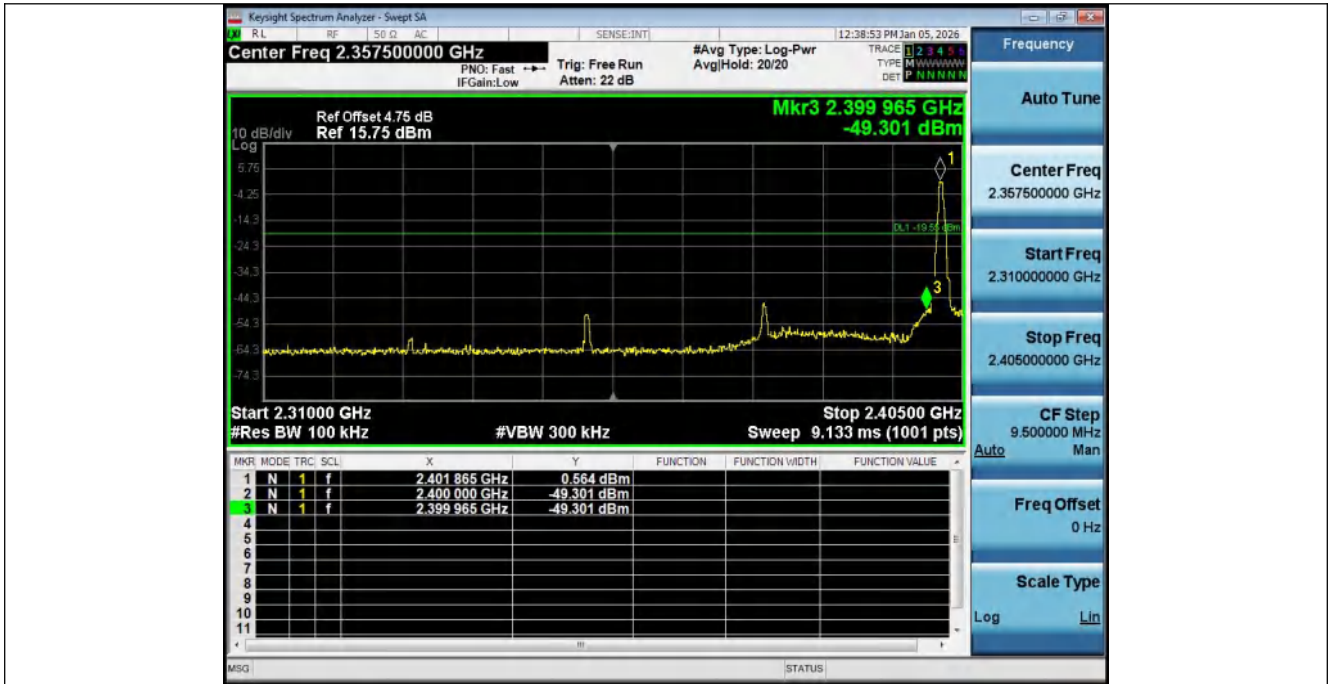
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH1\_2480\_00



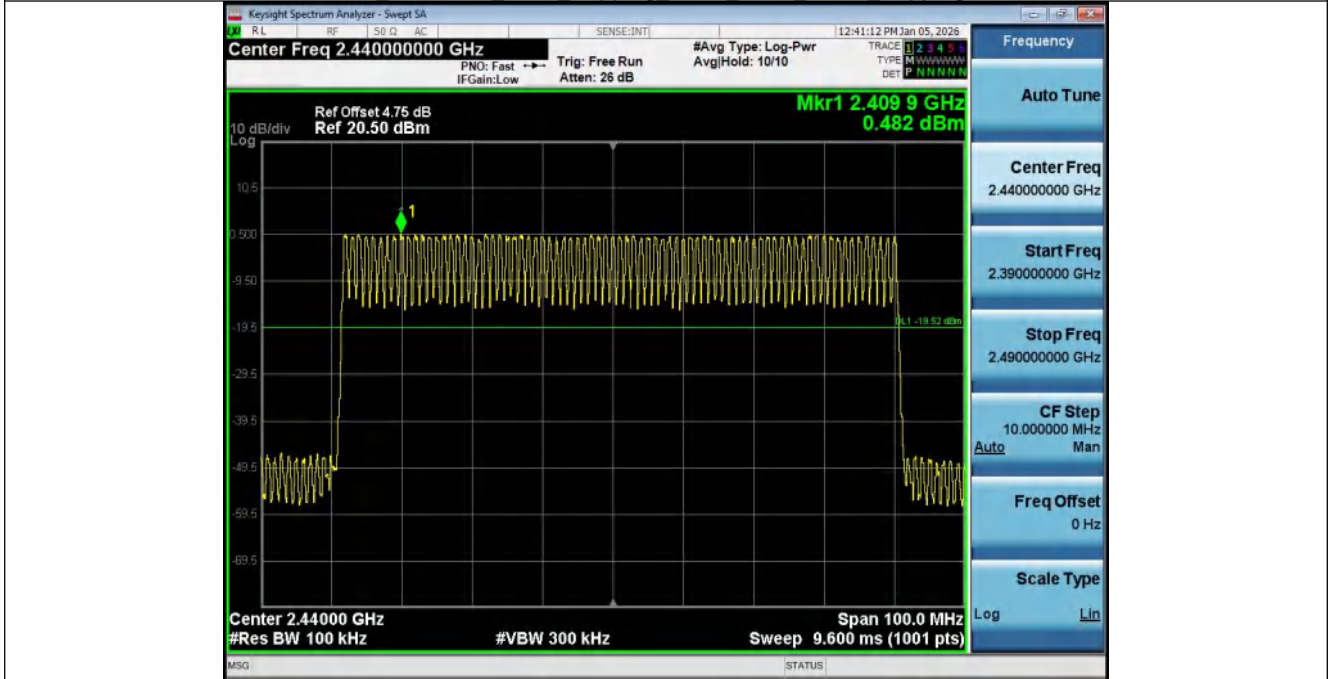
6. Bandedge

| Condition | Antenna | Modulation | TX Mode     | Ref_level(dBm) | Bandedge MAX.Value | Limit   | Result |
|-----------|---------|------------|-------------|----------------|--------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00     | 0.448          | -49.301            | -19.552 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_LCH | 0.482          | -46.171            | -19.518 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00     | 0.079          | -54.931            | -19.921 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_HCH | 0.519          | -46.866            | -19.481 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00     | 0.416          | -47.650            | -19.584 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_LCH | 0.426          | -47.093            | -19.574 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00     | 0.095          | -53.783            | -19.905 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_HCH | 0.546          | -47.373            | -19.454 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00     | 0.434          | -51.975            | -19.566 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_LCH | 0.472          | -46.969            | -19.528 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00     | 0.073          | -55.122            | -19.927 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_HCH | 0.556          | -47.936            | -19.444 | Pass   |

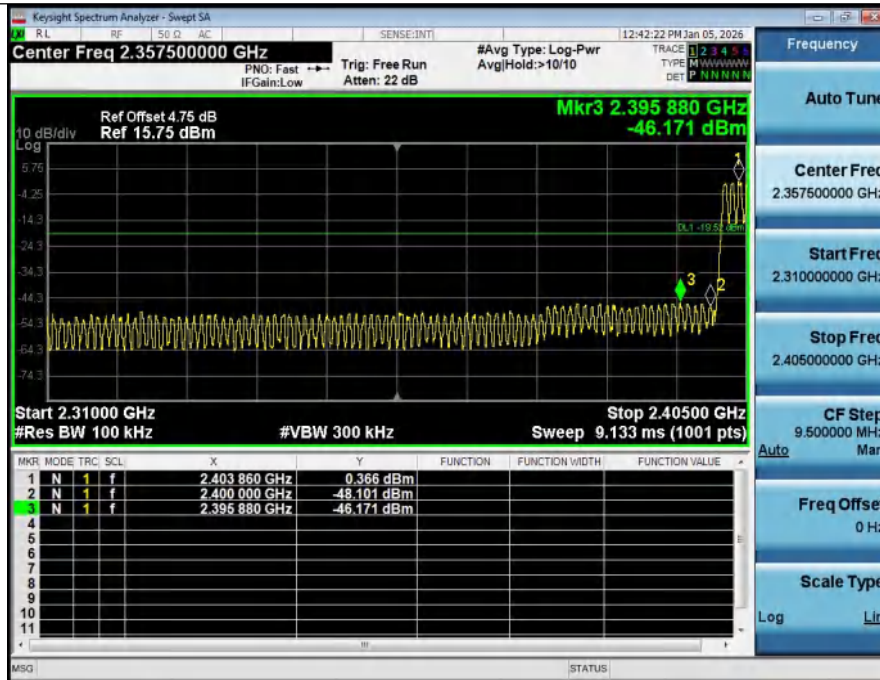




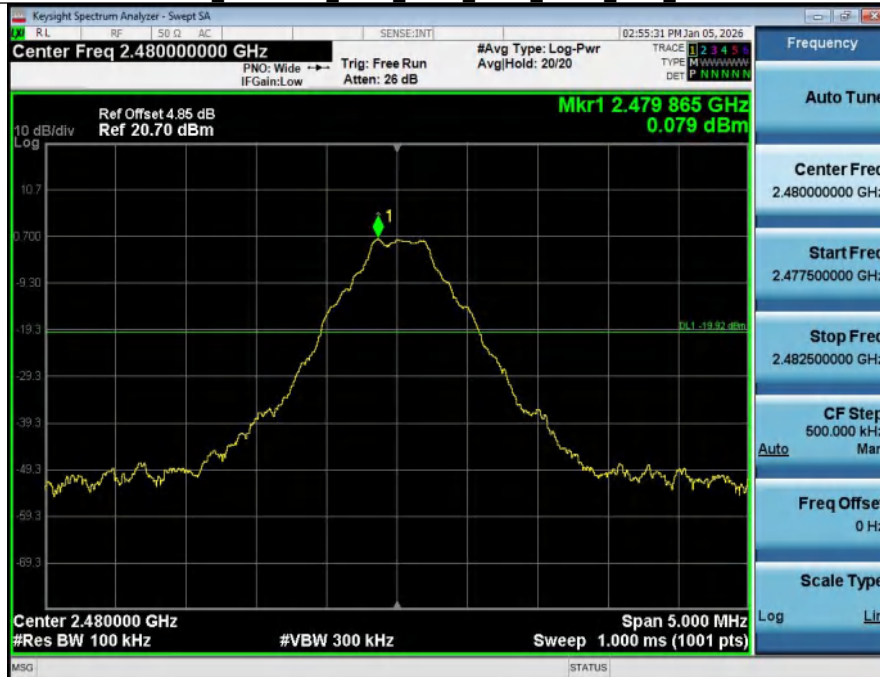
### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



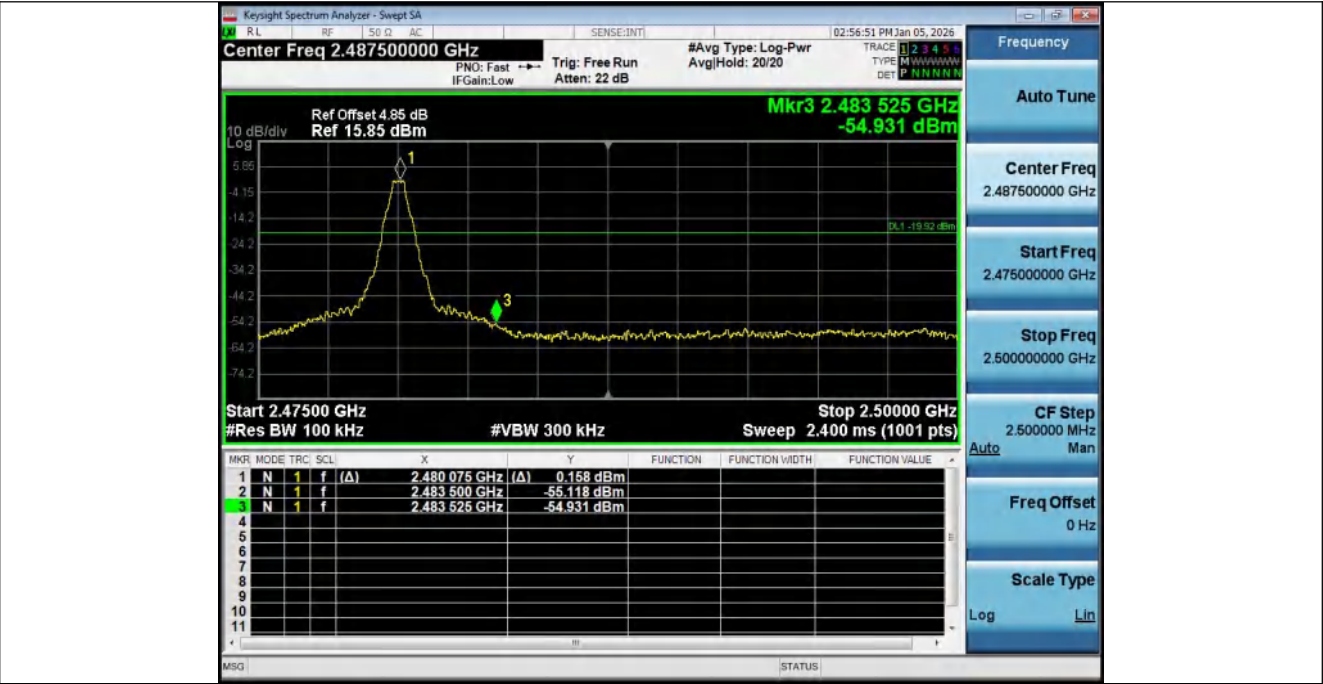
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



### 1 Reference\_Level\_NVNT\_ANT1\_1-DH1\_2480\_00



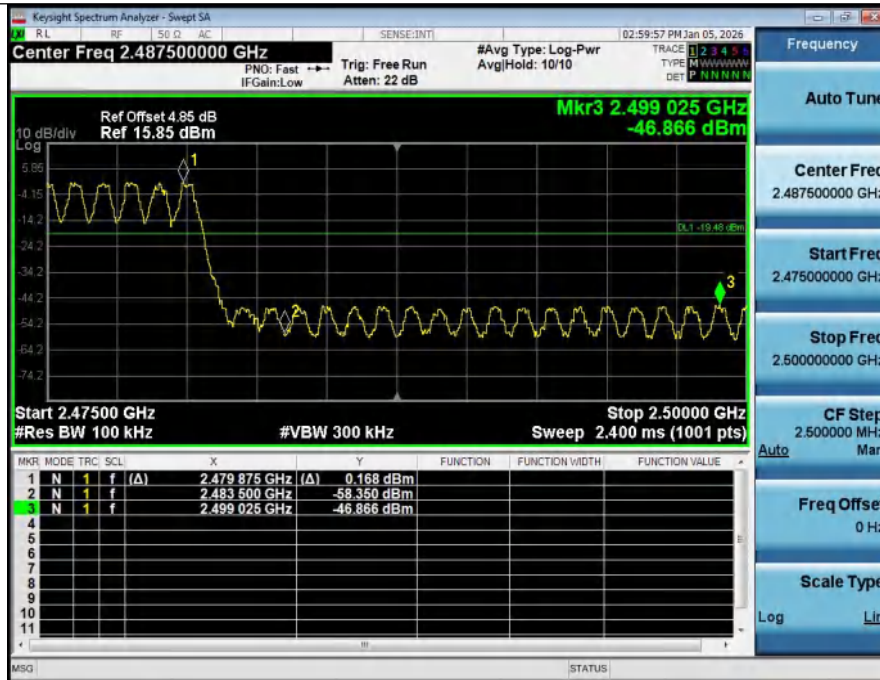
### 2 Bandedge\_NVNT\_ANT1\_1-DH1\_2480\_00



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



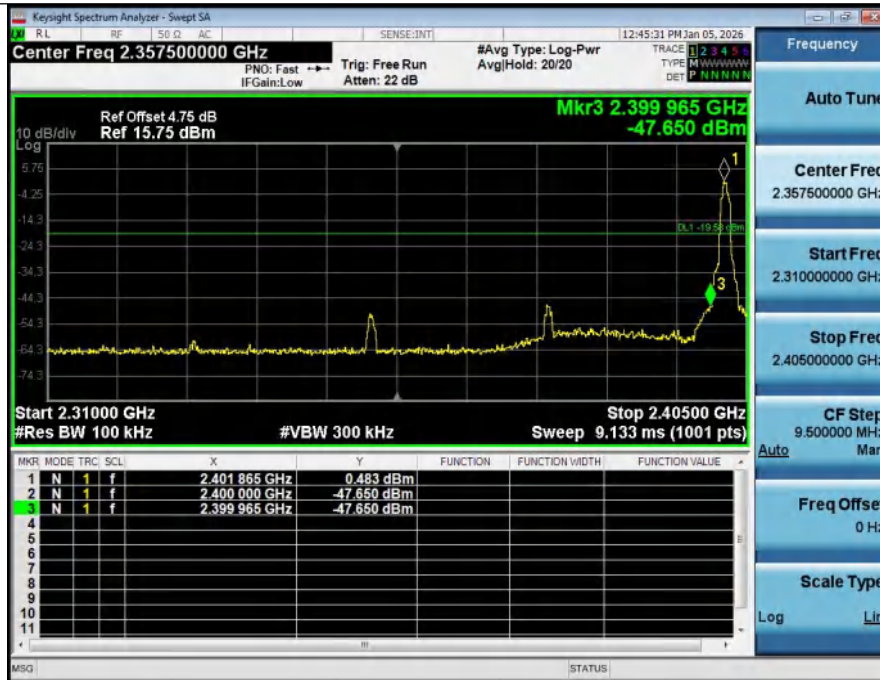
2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



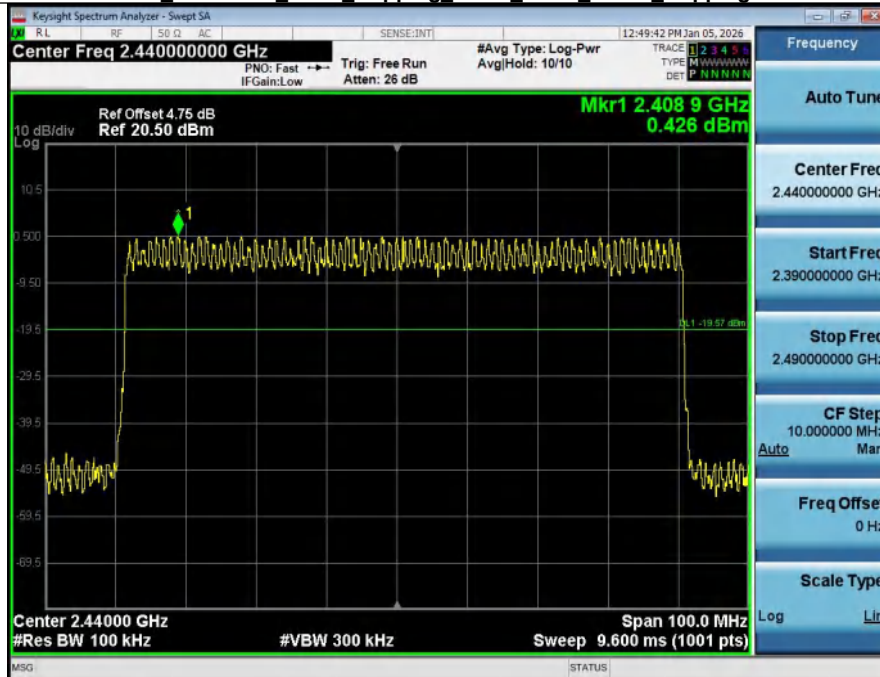
### 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



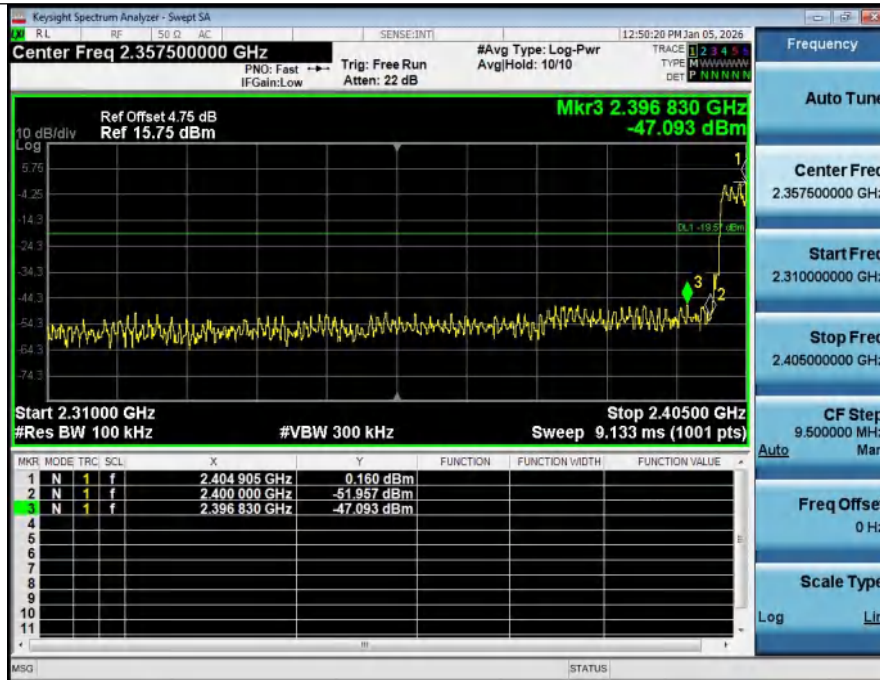
### 2 Bandedge\_NVNT\_ANT1\_2-DH1\_2402\_00



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



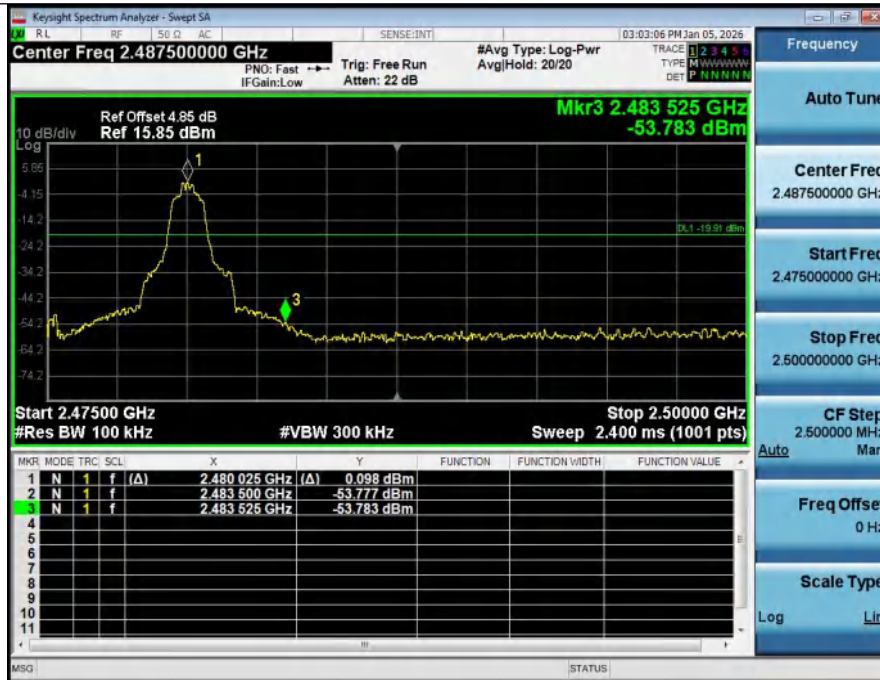
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



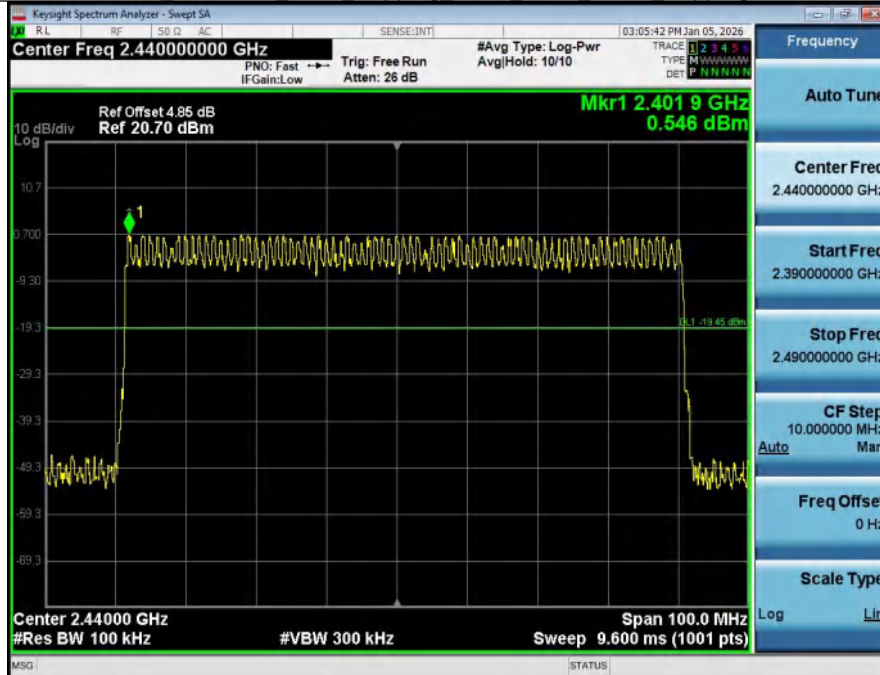
### 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2480\_00



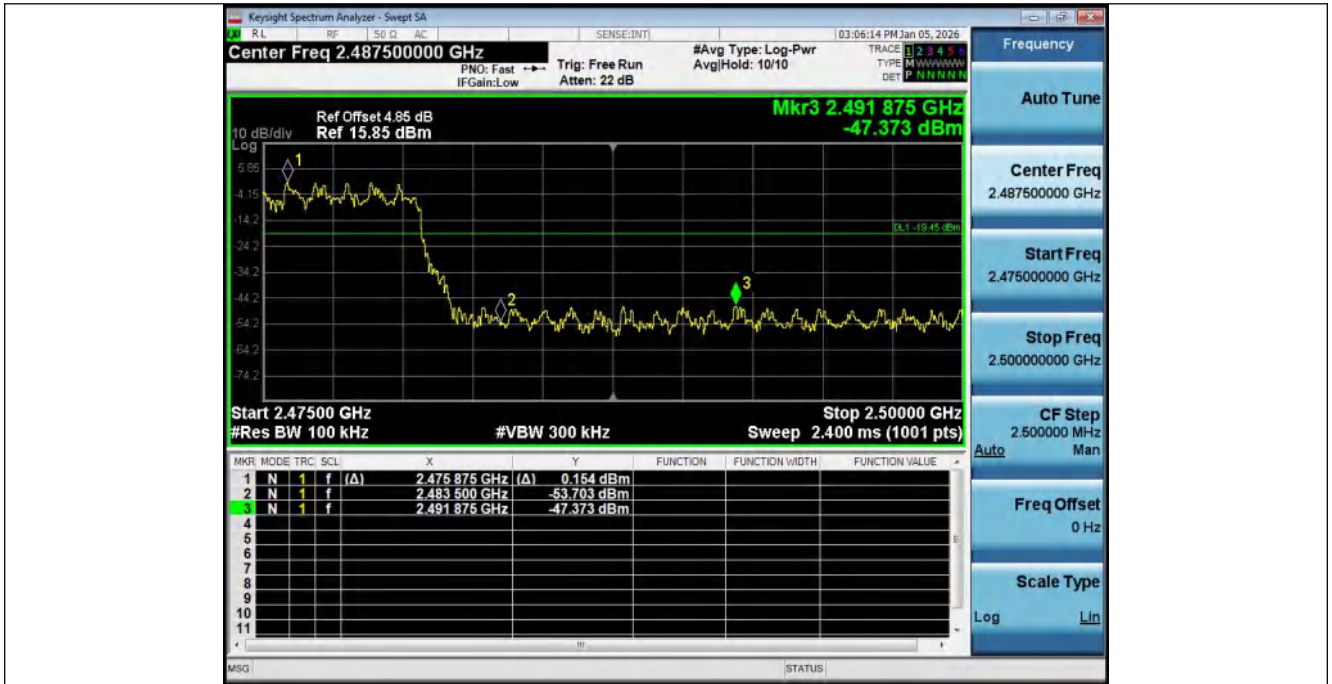
### 2 Bandedge\_NVNT\_ANT1\_2-DH1\_2480\_00



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



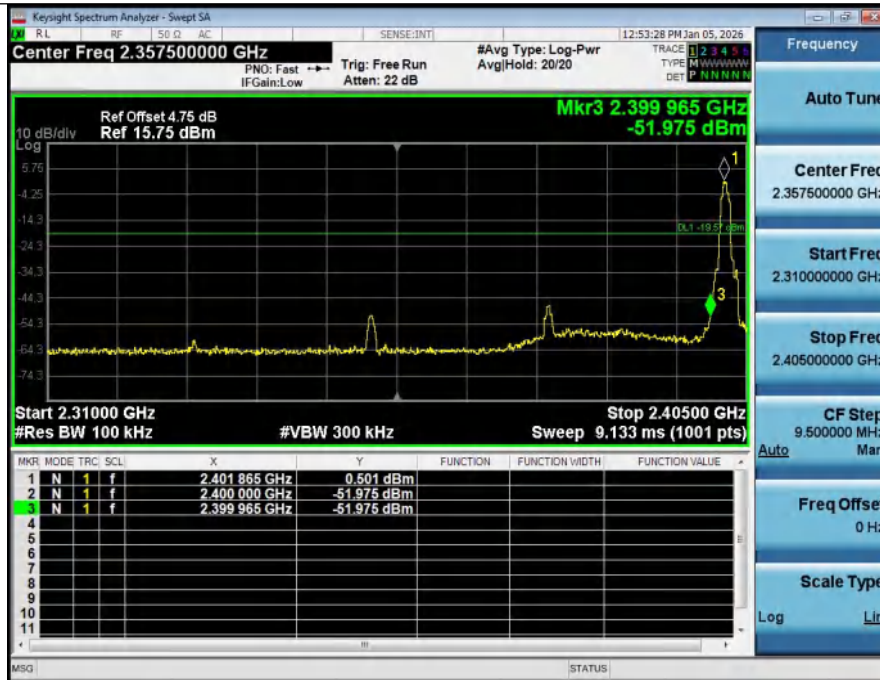
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



### 1 Reference\_Level\_NVNT\_ANT1\_3-DH1\_2402\_00



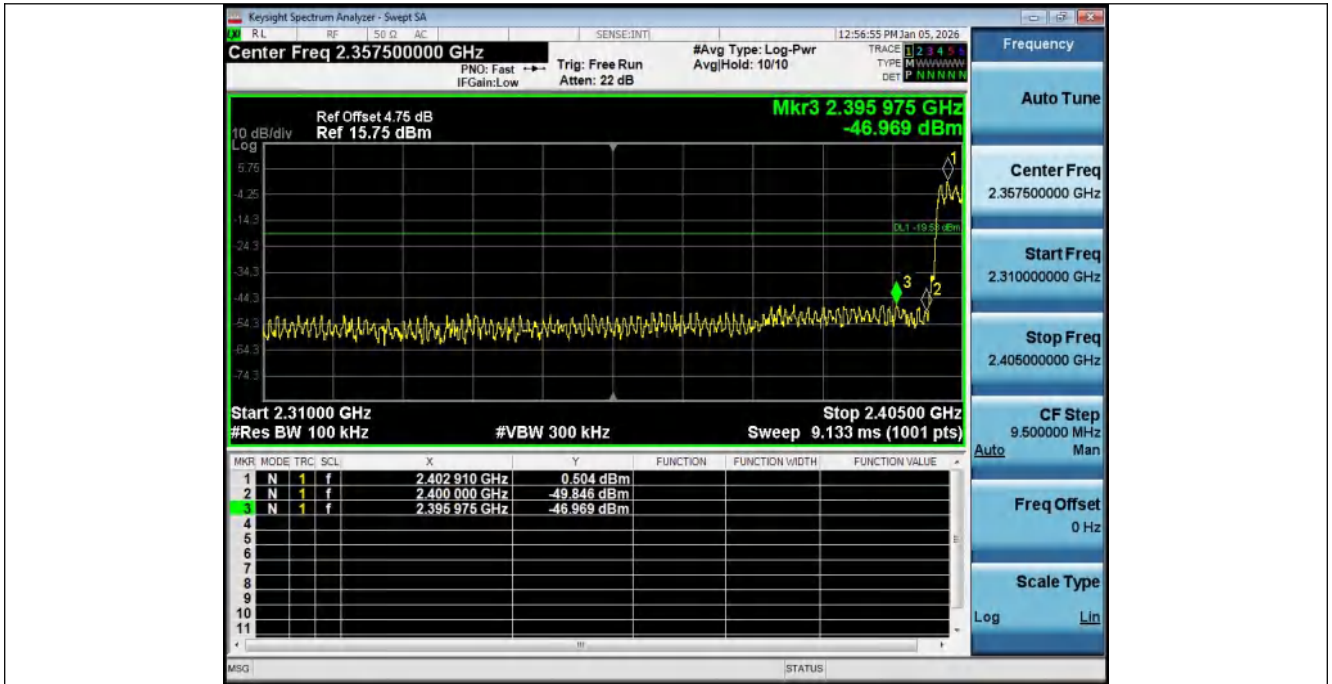
### 2 Bandedge\_NVNT\_ANT1\_3-DH1\_2402\_00



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



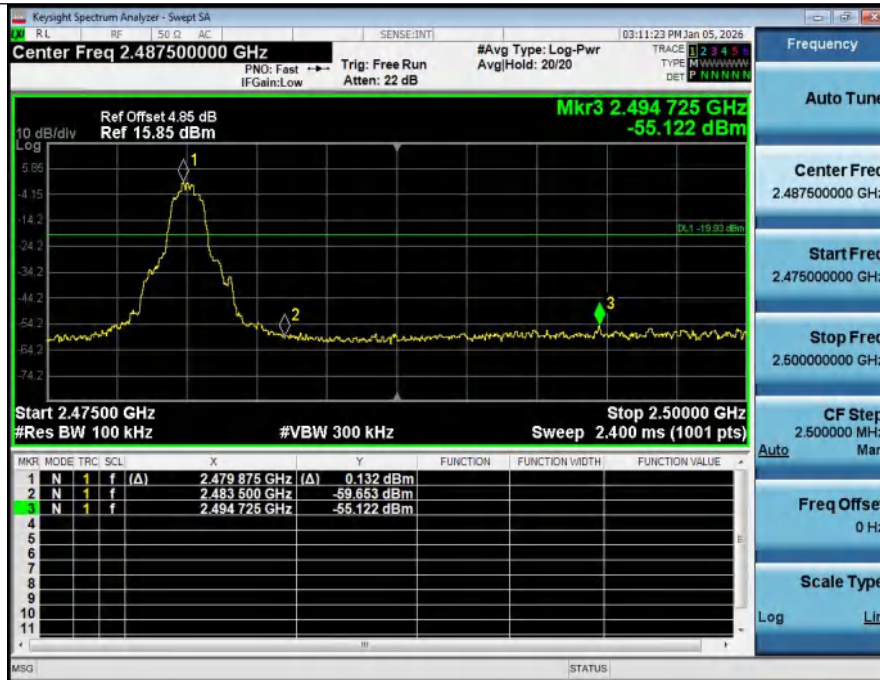
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



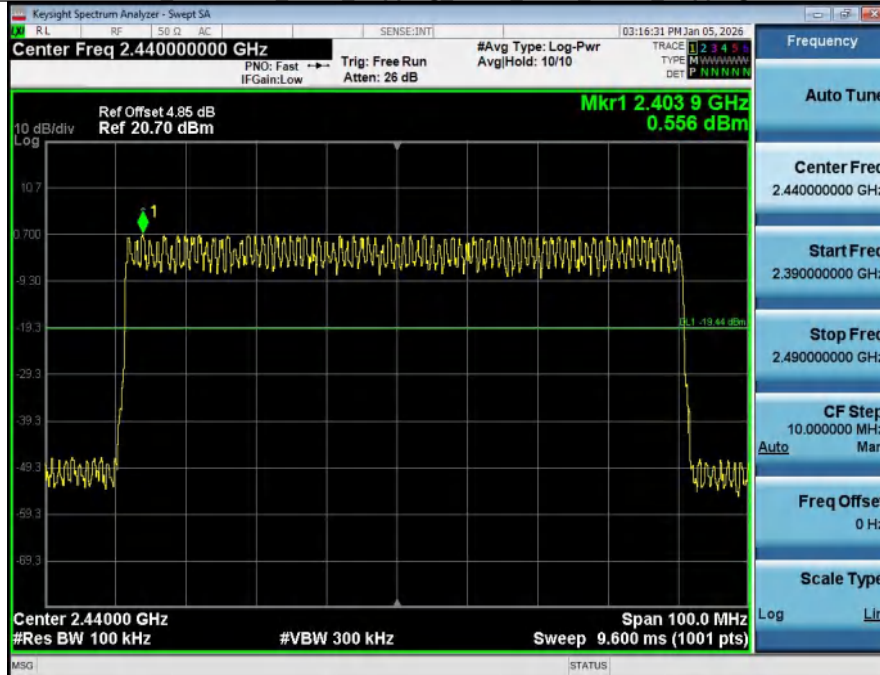
### 1 Reference\_Level\_NVNT\_ANT1\_3-DH1\_2480\_00



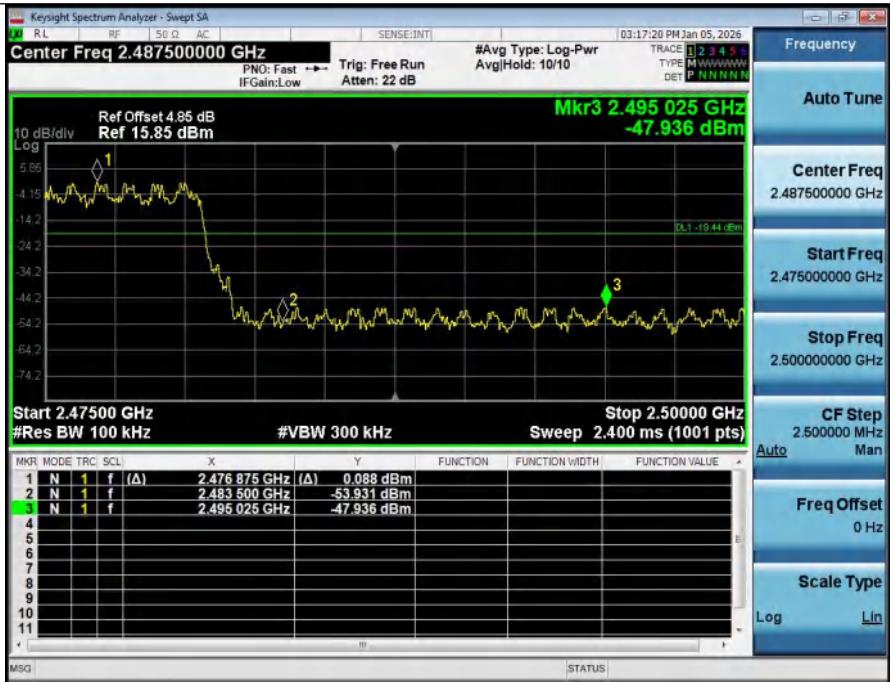
### 2 Bandedge\_NVNT\_ANT1\_3-DH1\_2480\_00



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



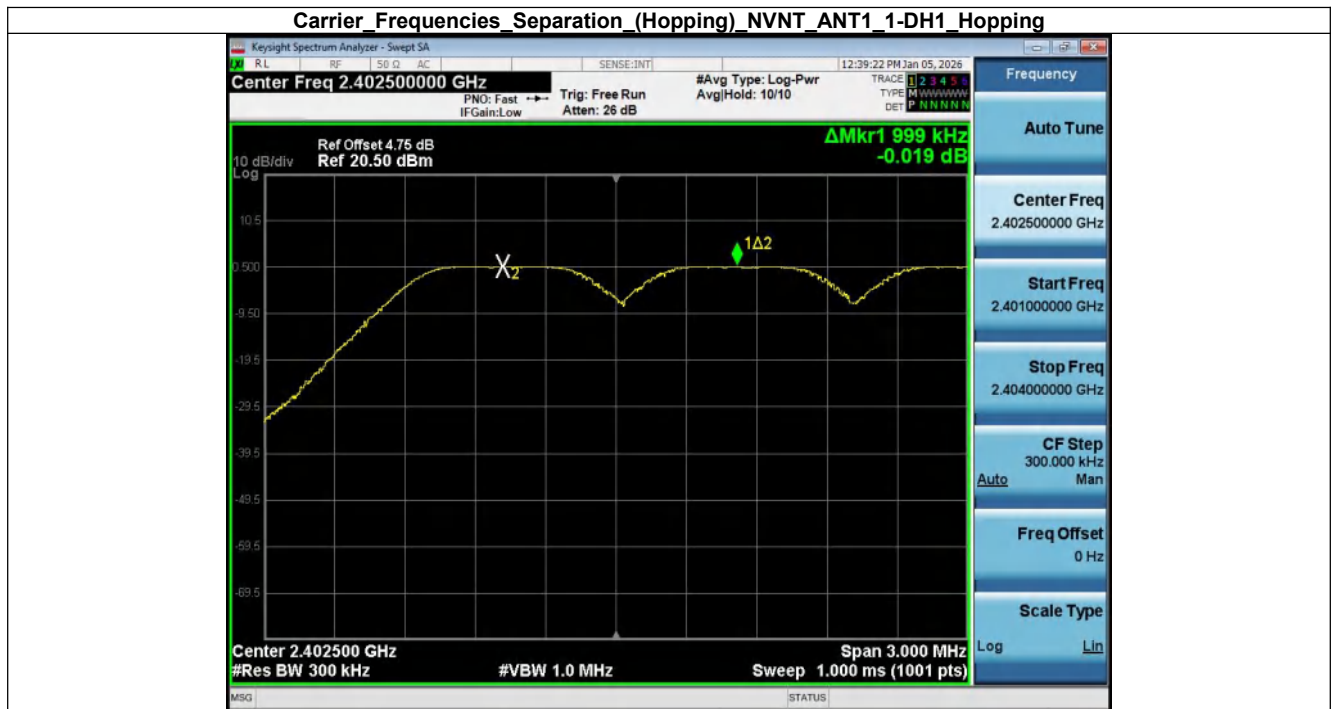
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



## 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        | 2402.017           | 2403.016           | 1.00                                | 0.688      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00        | 2441.005           | 2442.013           | 1.01                                | 0.693      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00        | 2479.002           | 2480.007           | 1.00                                | 0.689      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00        | 2402.011           | 2403.019           | 1.01                                | 0.866      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00        | 2441.008           | 2442.010           | 1.00                                | 0.860      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00        | 2479.002           | 2480.004           | 1.00                                | 0.856      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00        | 2402.014           | 2403.010           | 1.00                                | 0.840      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00        | 2441.011           | 2442.007           | 1.00                                | 0.842      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00        | 2479.008           | 2480.010           | 1.00                                | 0.845      | Pass   |

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



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



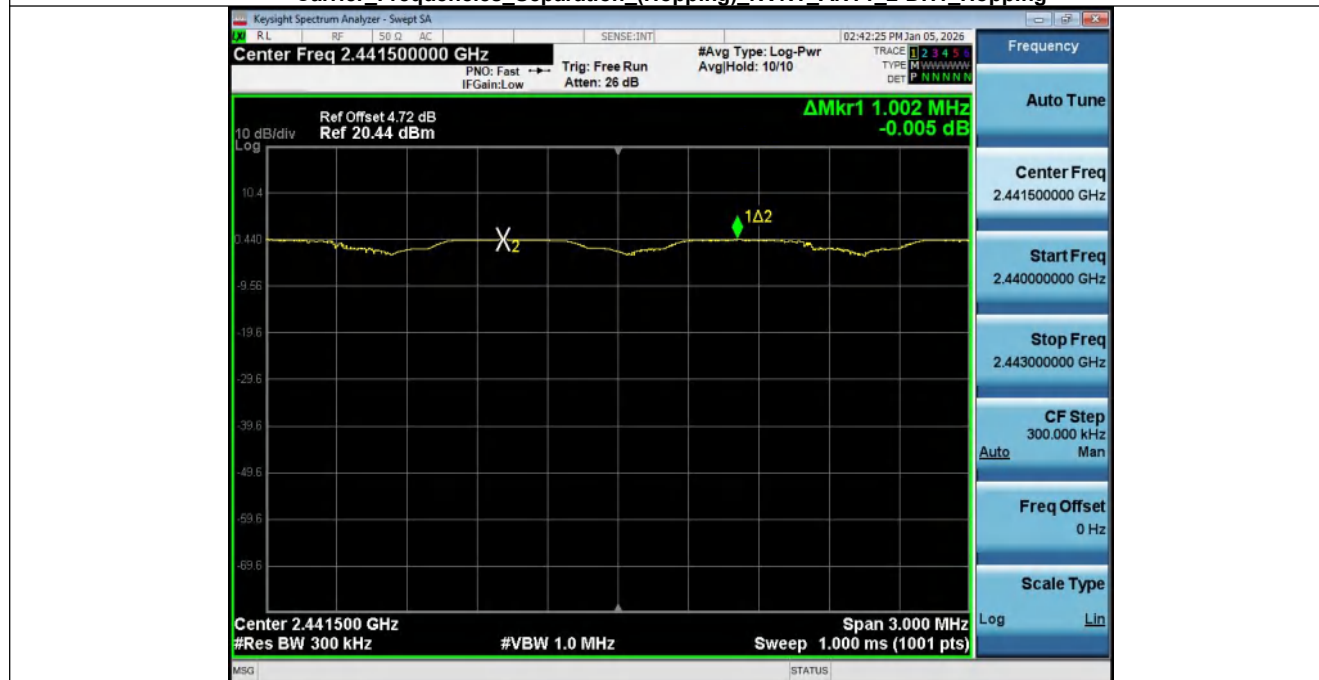
Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



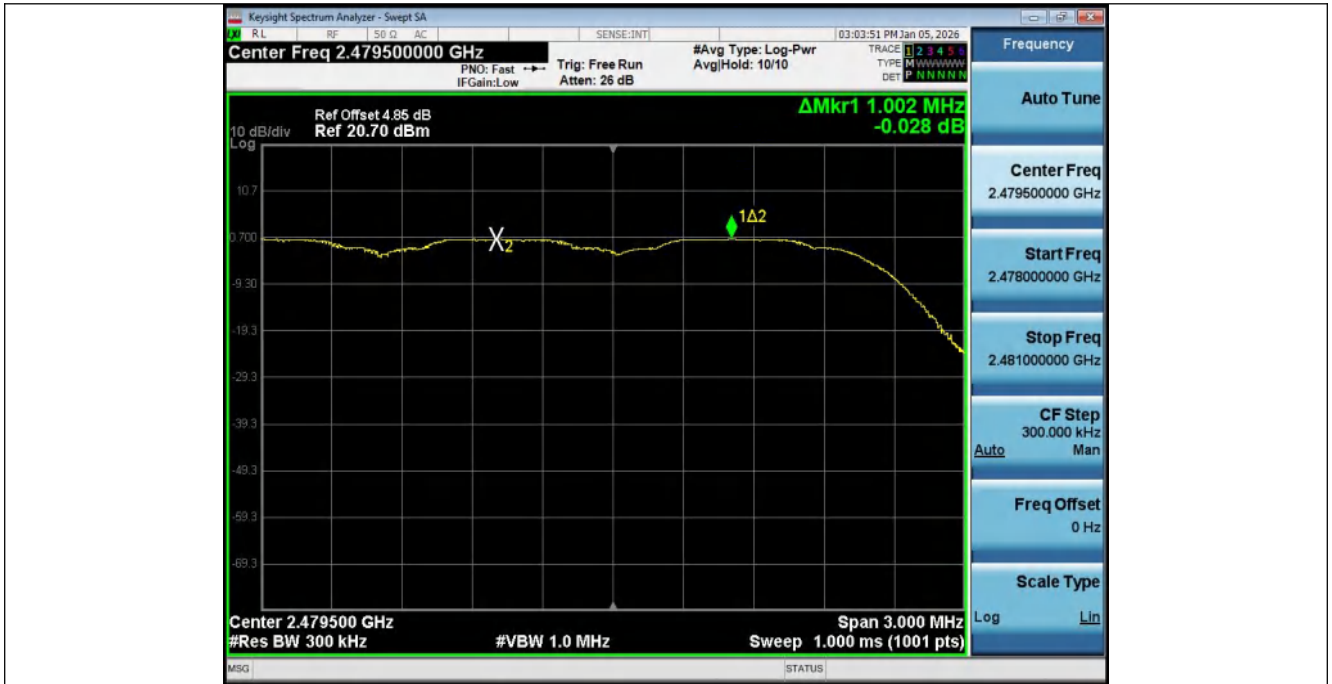
Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



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



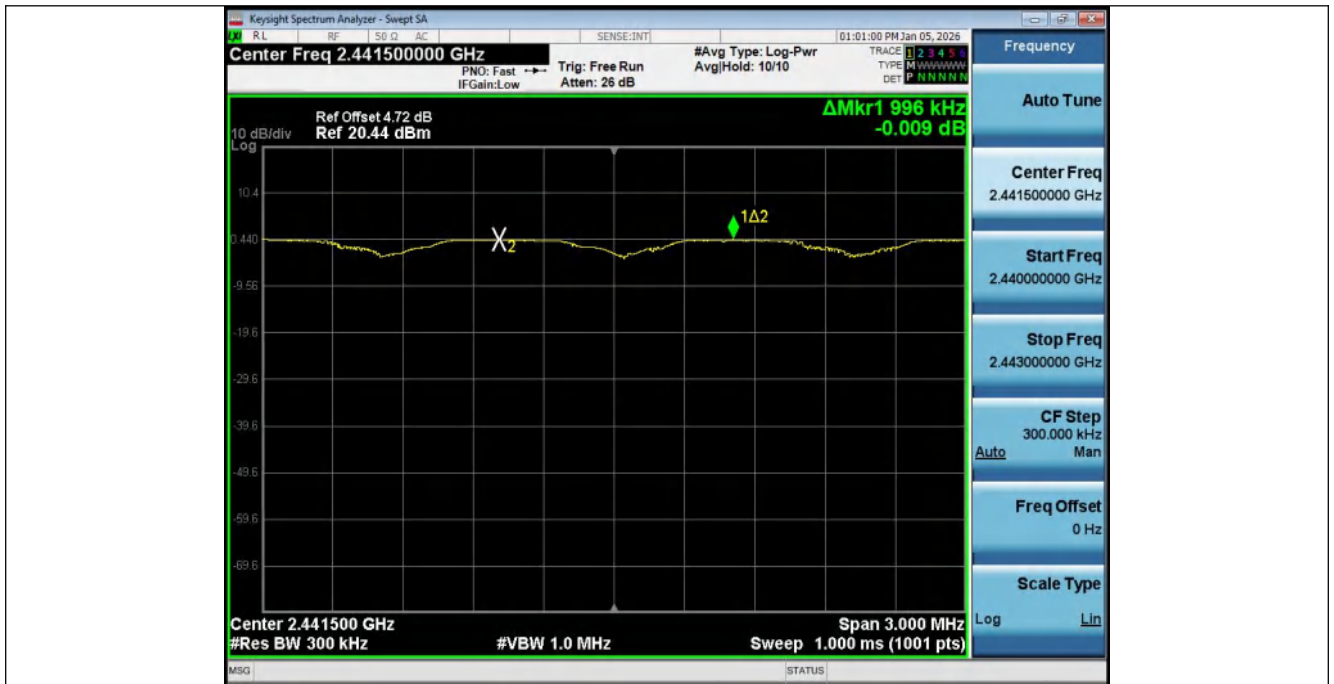
### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



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



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

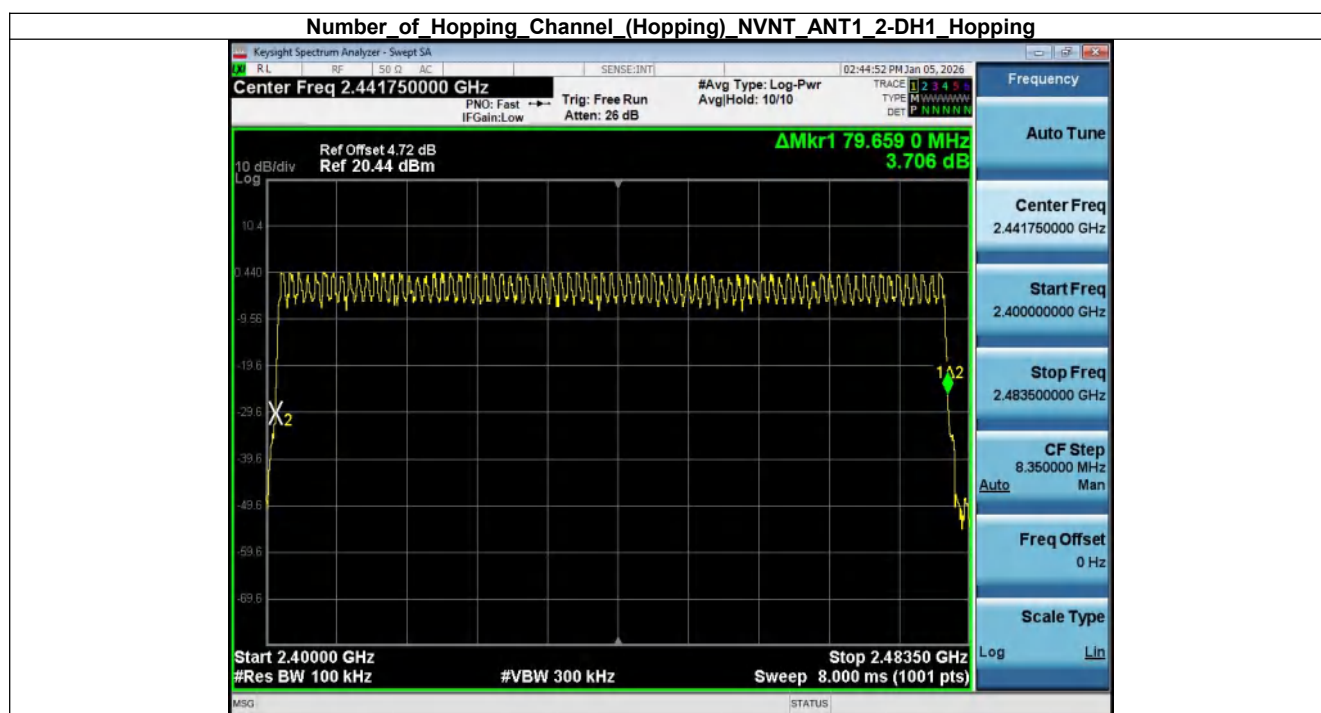
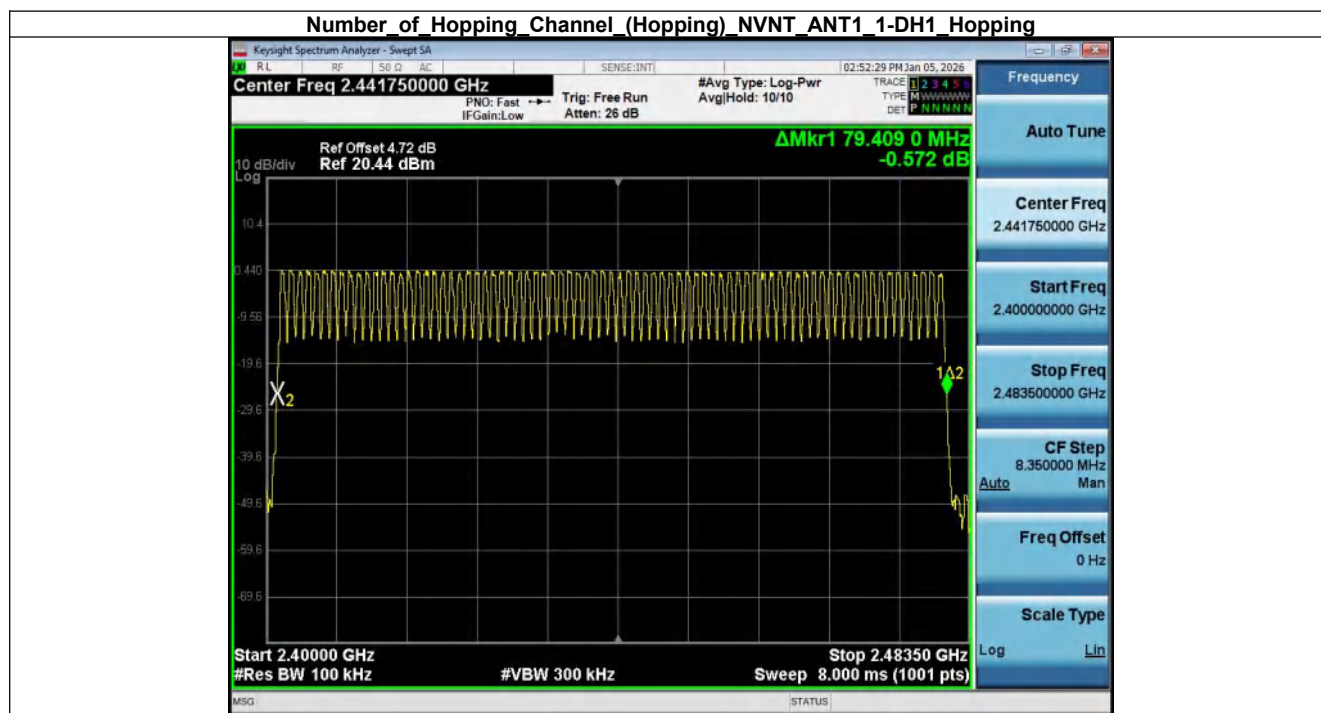


### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping

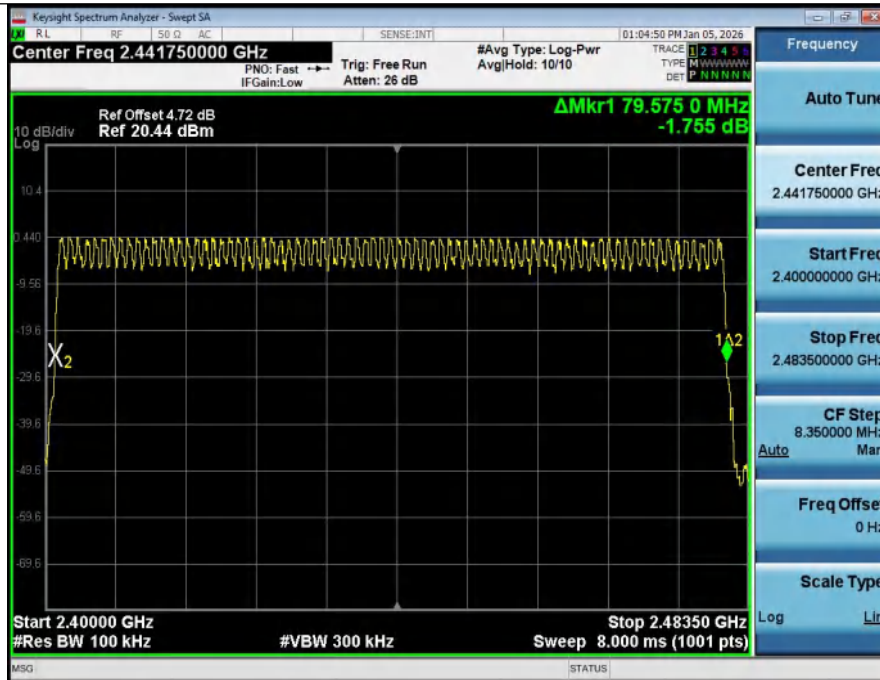


## 8. Number of Hopping Channel (Hopping)

| 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   |

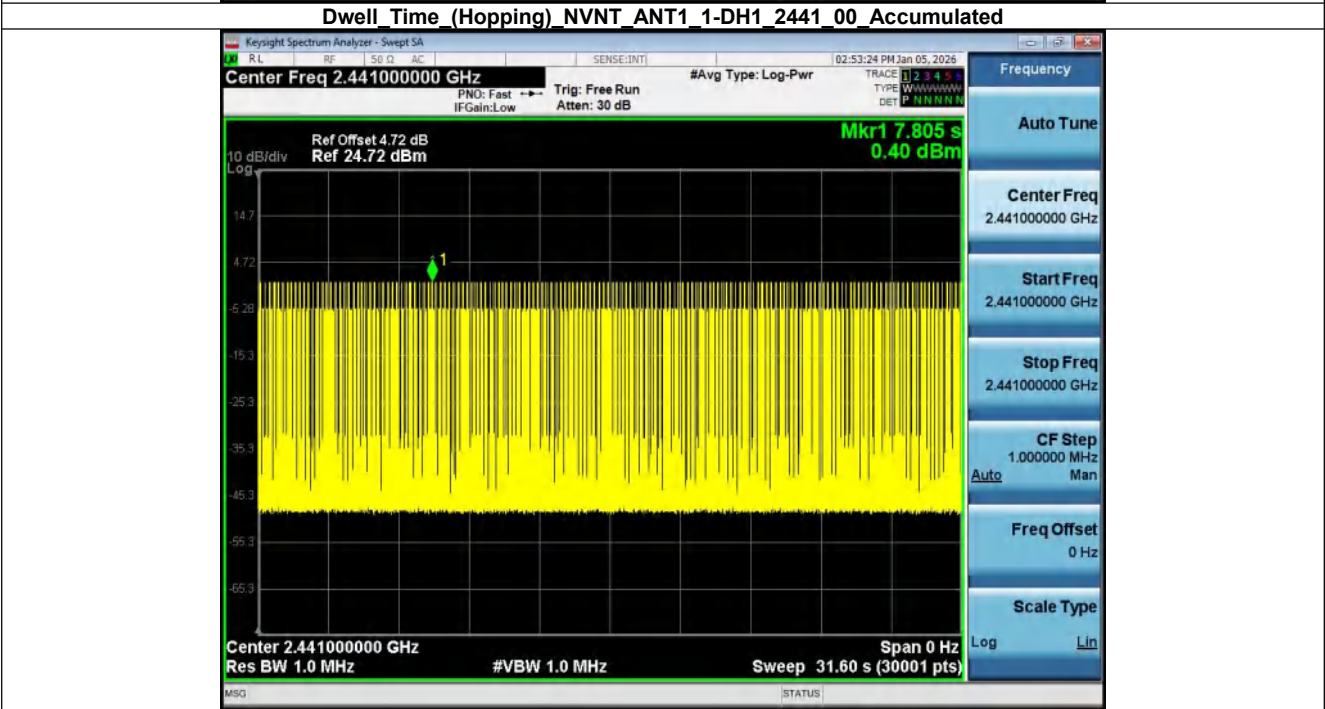
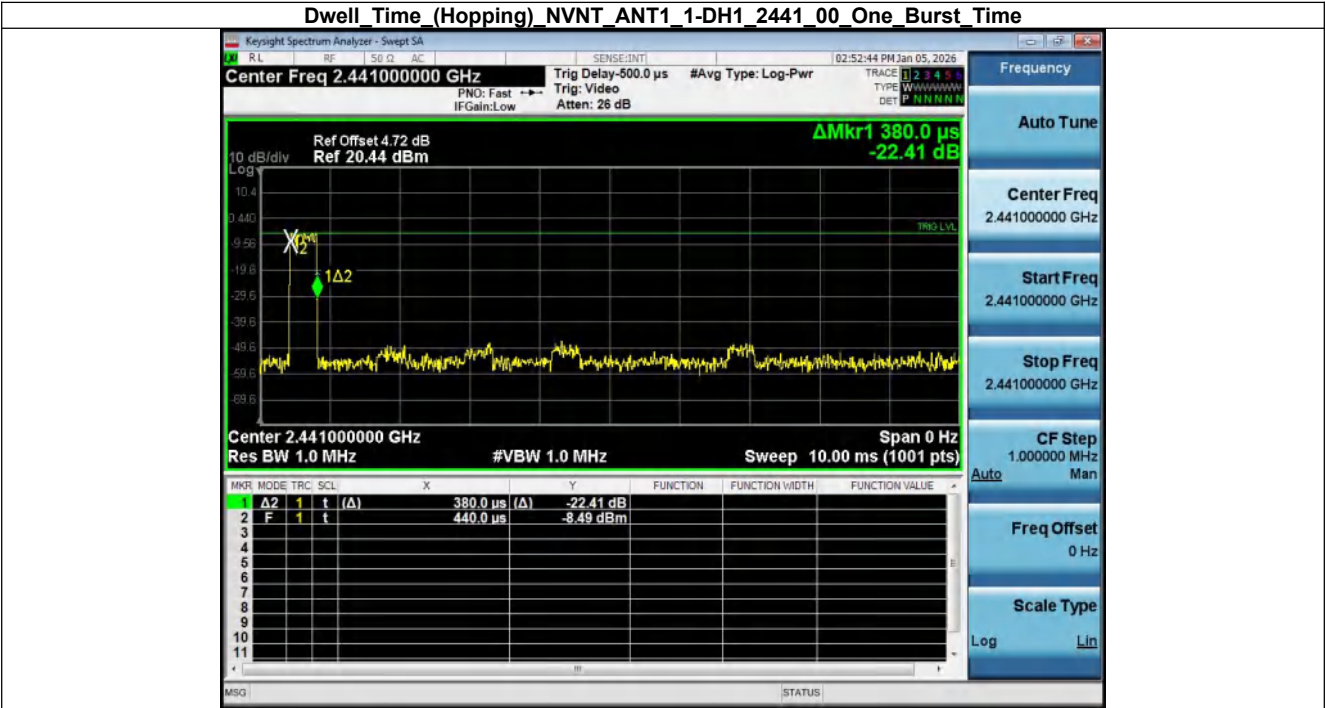


Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping

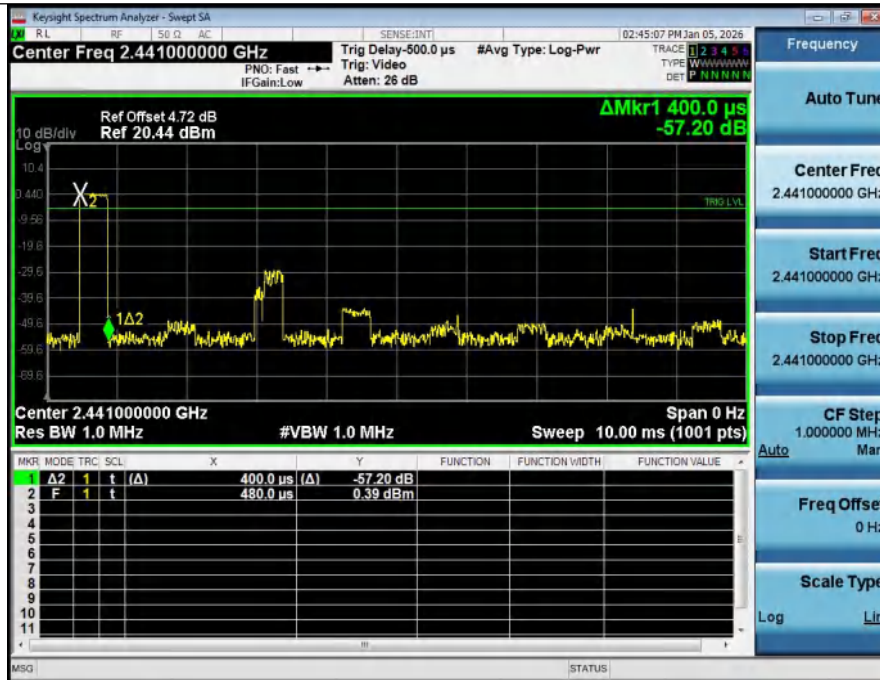


9. Dwell Time (Hopping)

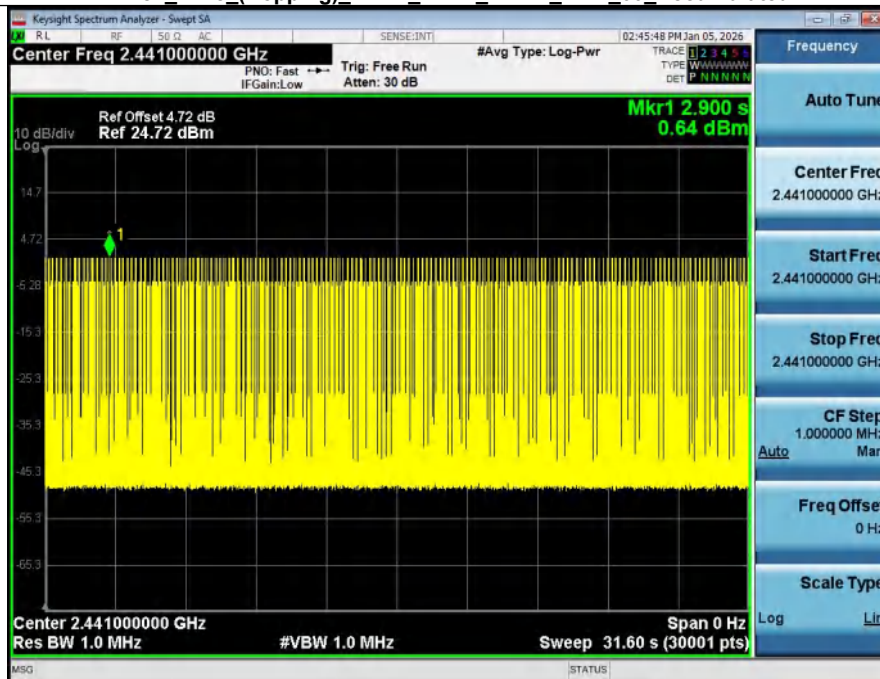
| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH1       | 0.380          | 320.00 | 121.600        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.400          | 320.00 | 128.000        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH1       | 0.400          | 320.00 | 128.000        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH3       | 1.640          | 163.00 | 267.320        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH5       | 2.890          | 102.00 | 294.780        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.640          | 164.00 | 268.960        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.900          | 107.00 | 310.300        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH3       | 1.650          | 155.00 | 255.750        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH5       | 2.900          | 107.00 | 310.300        | 0.40     | Pass   |



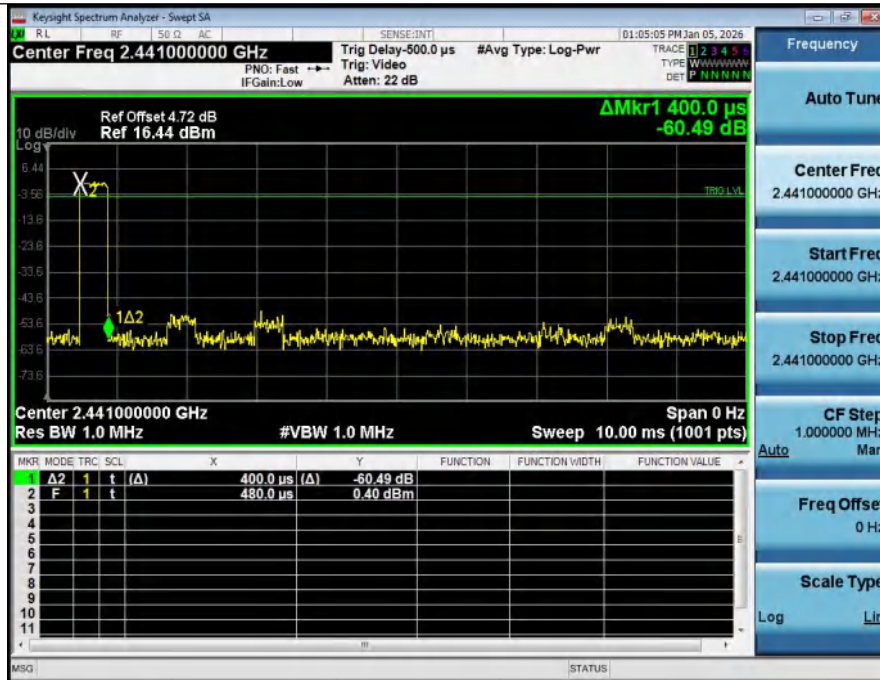
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_One Burst Time



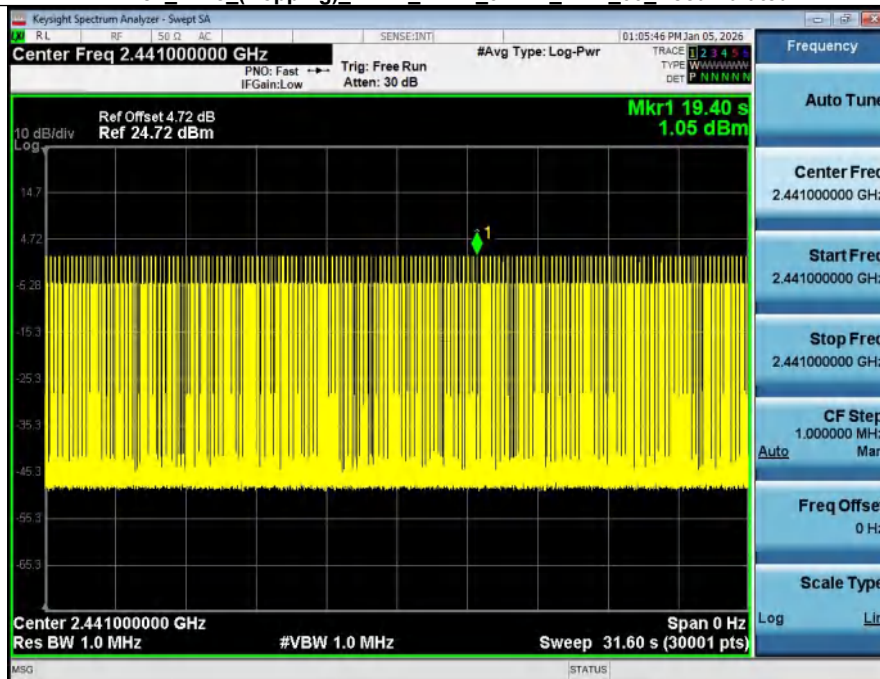
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_Accumulated



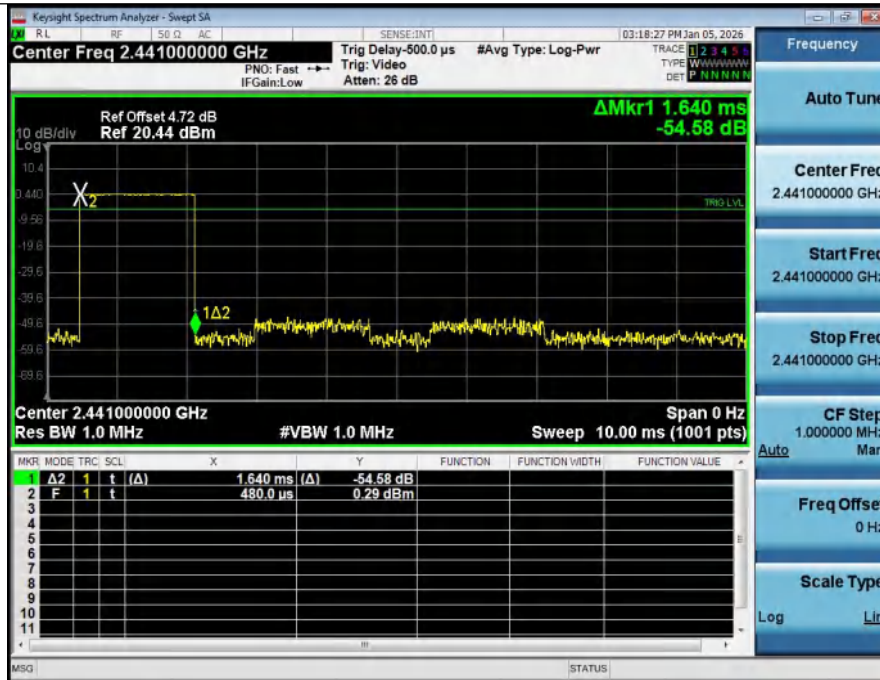
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_One Burst Time



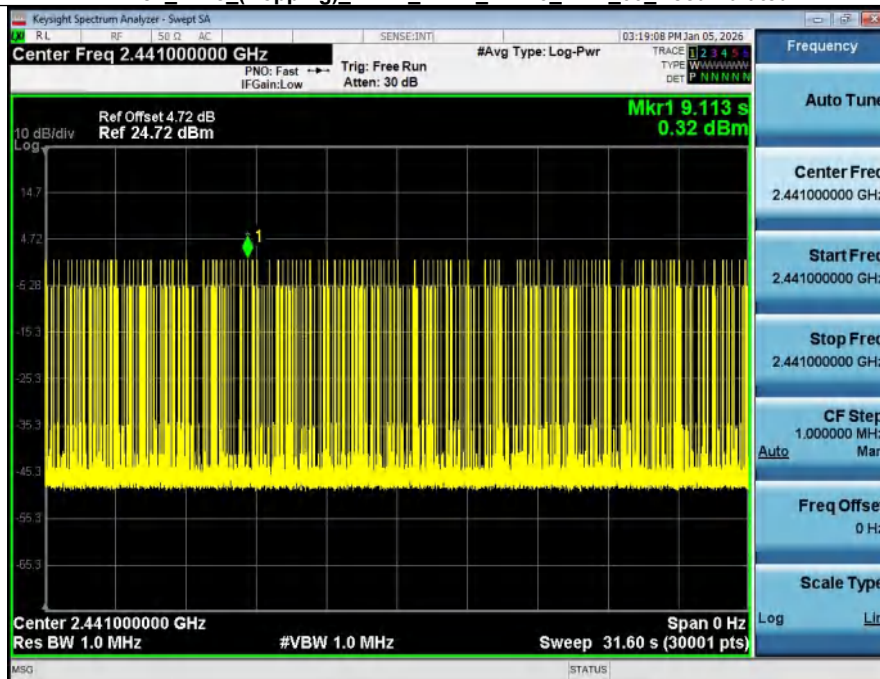
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_Accumulated



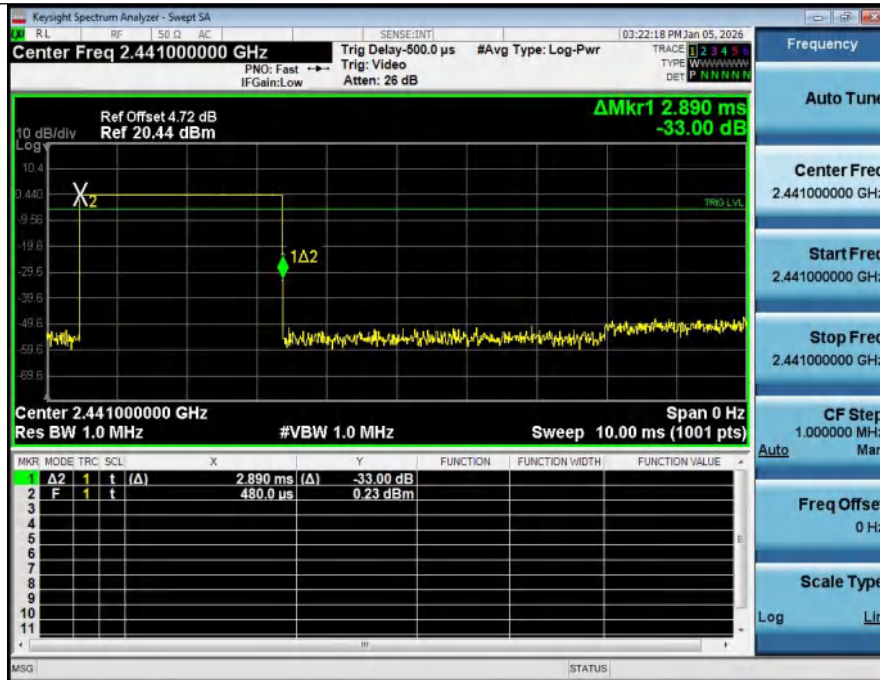
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_One Burst Time



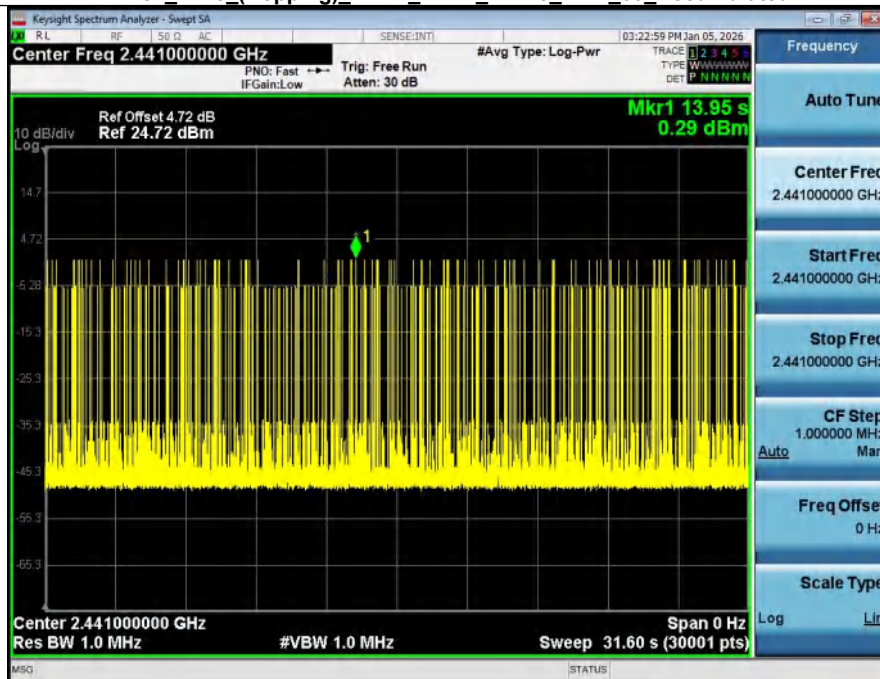
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_Accumulated



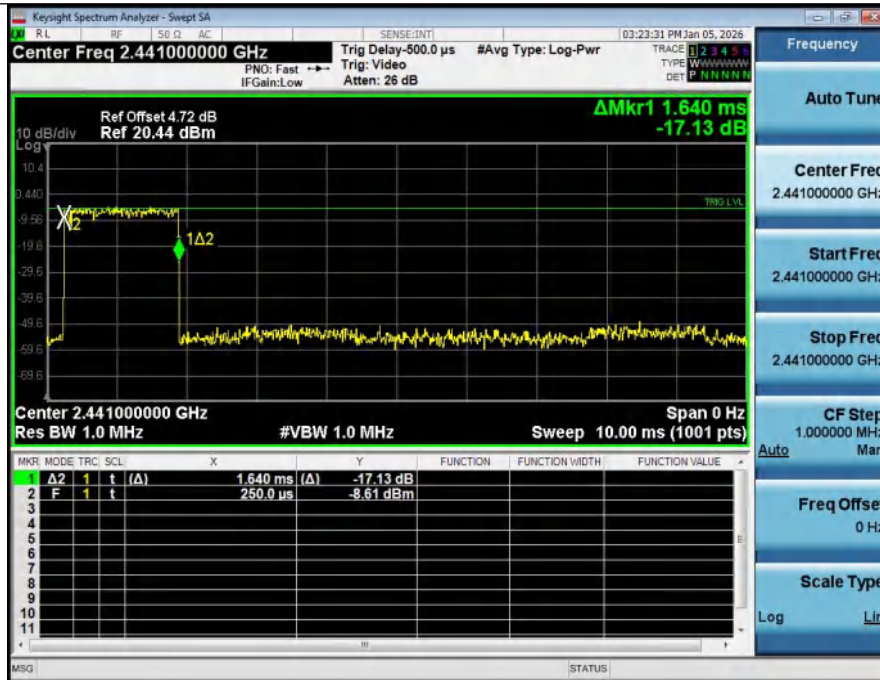
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_One Burst Time



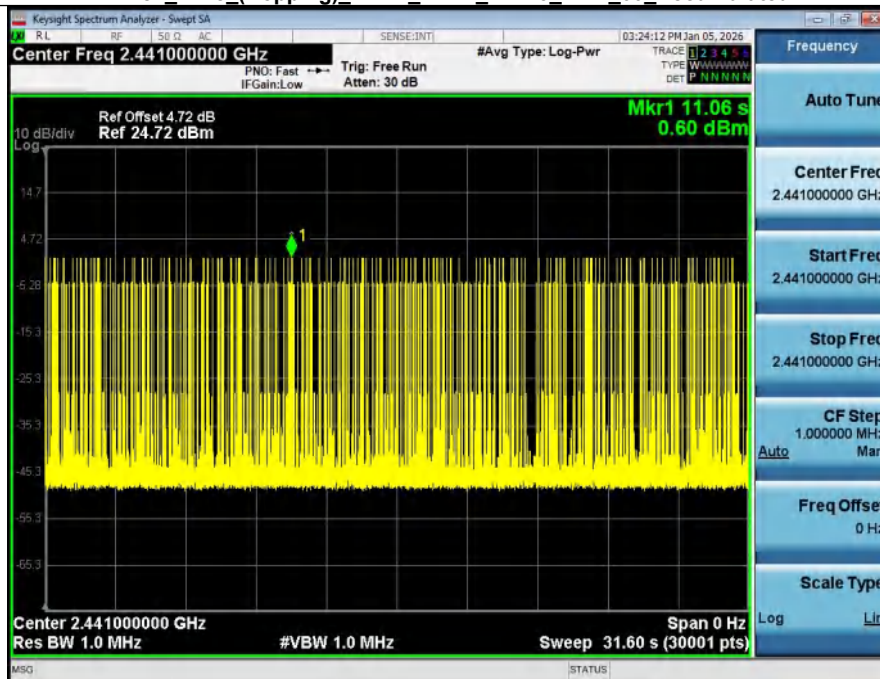
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_Accumulated



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



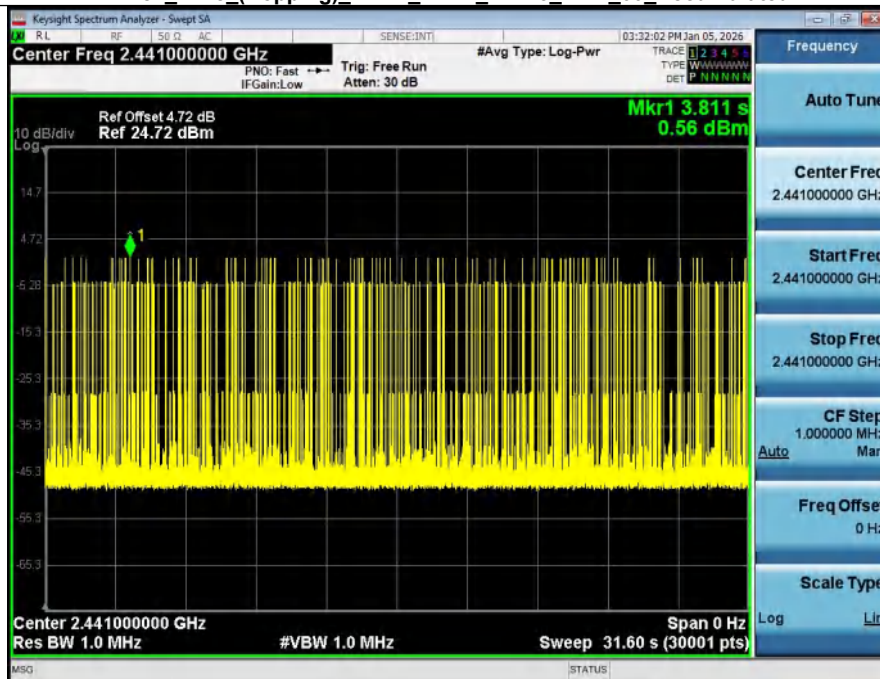
Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_Accumulated



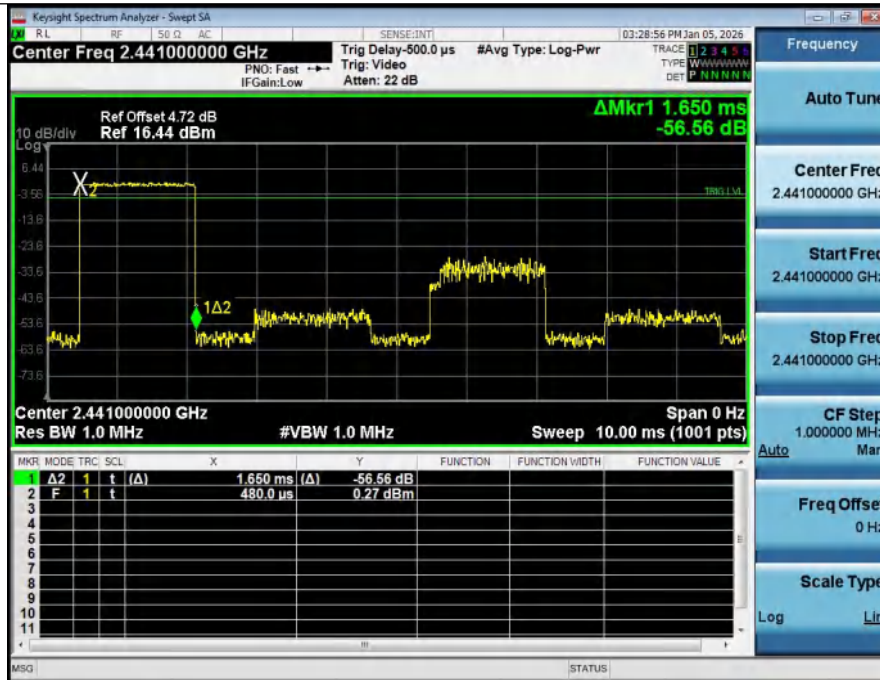
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_One Burst Time



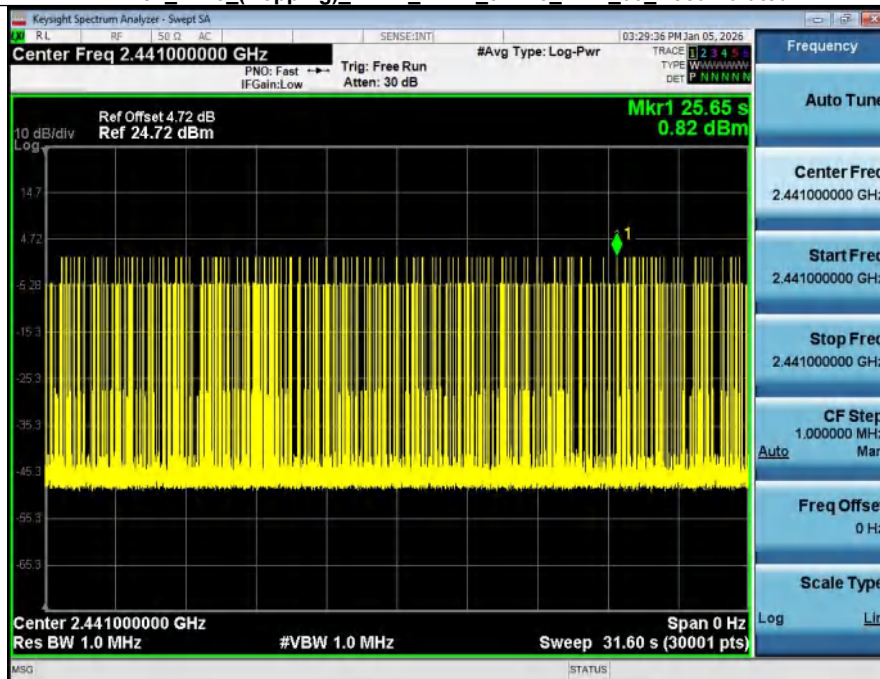
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_Accumulated



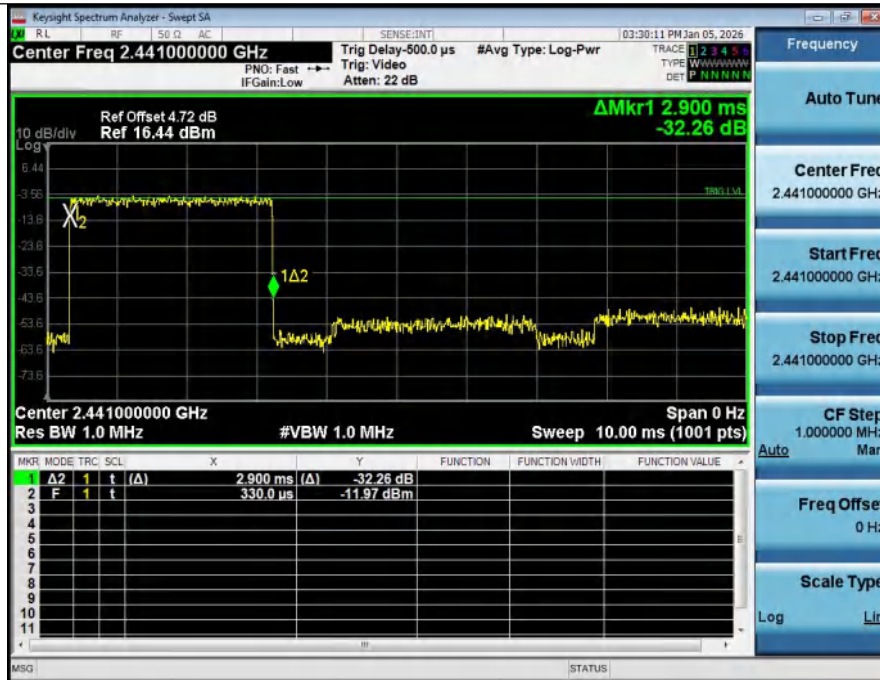
Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_One Burst Time



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

