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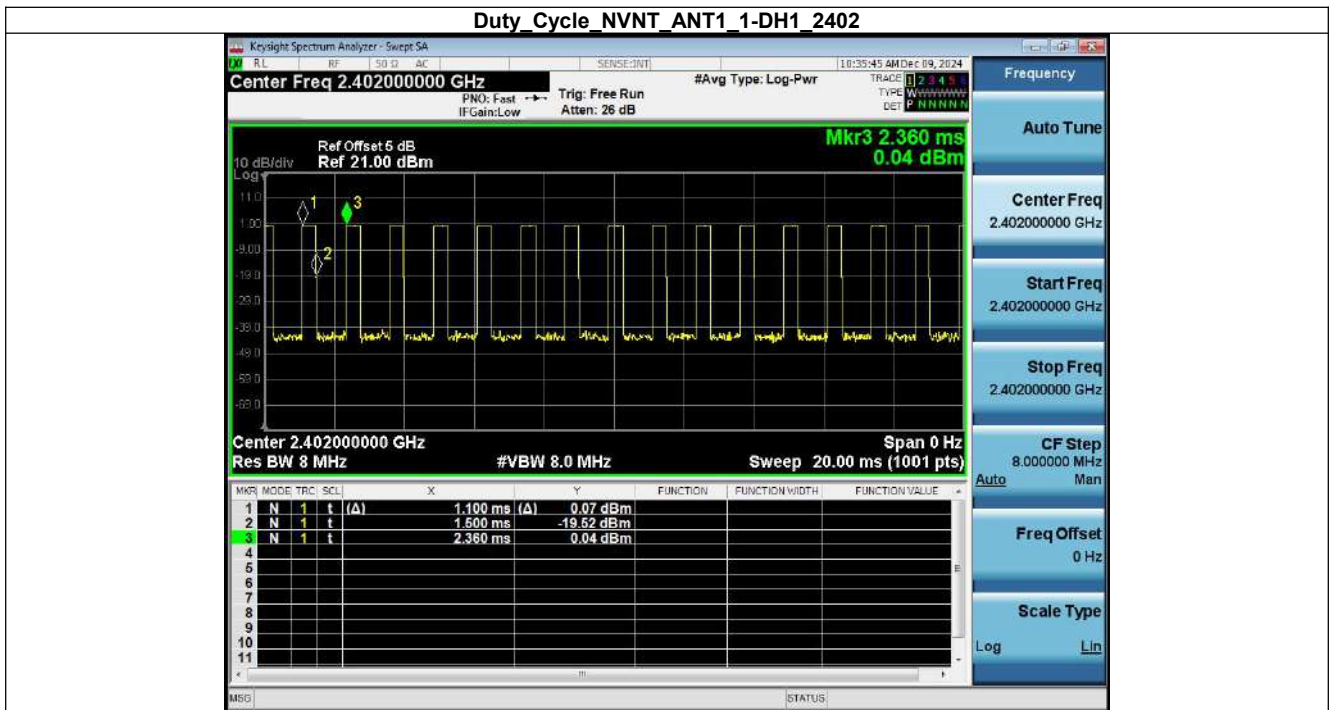
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# FCC ID EDR

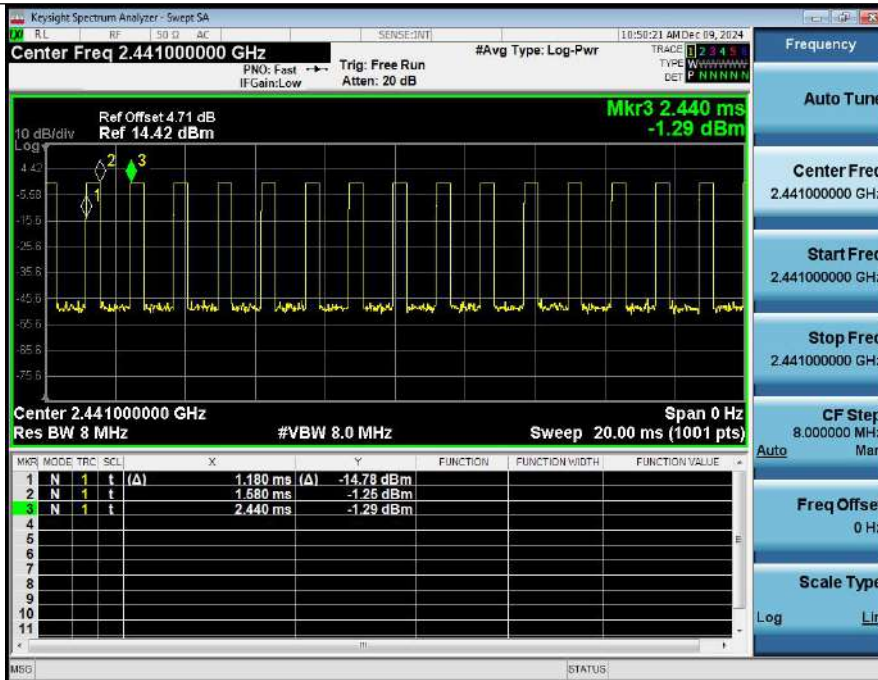
## FCC\_BT (Part15.247) Test Data

### 1. Duty Cycle

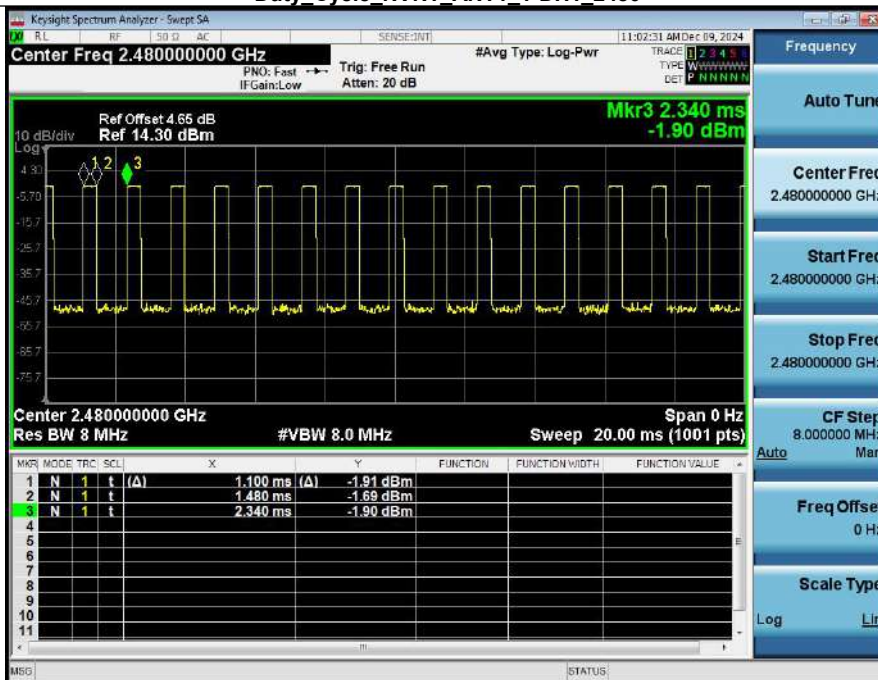
| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1-DH1 | 2402.00         | 33.33        | 4.77        |
| NVNT      | ANT1    | 1-DH1 | 2441.00         | 33.33        | 4.77        |
| NVNT      | ANT1    | 1-DH1 | 2480.00         | 32.26        | 4.91        |
| NVNT      | ANT1    | 2-DH1 | 2402.00         | 33.33        | 4.77        |
| NVNT      | ANT1    | 2-DH1 | 2441.00         | 33.87        | 4.70        |
| NVNT      | ANT1    | 2-DH1 | 2480.00         | 31.75        | 4.98        |
| NVNT      | ANT1    | 3-DH1 | 2402.00         | 31.75        | 4.98        |
| NVNT      | ANT1    | 3-DH1 | 2441.00         | 30.65        | 5.14        |
| NVNT      | ANT1    | 3-DH1 | 2480.00         | 33.33        | 4.77        |



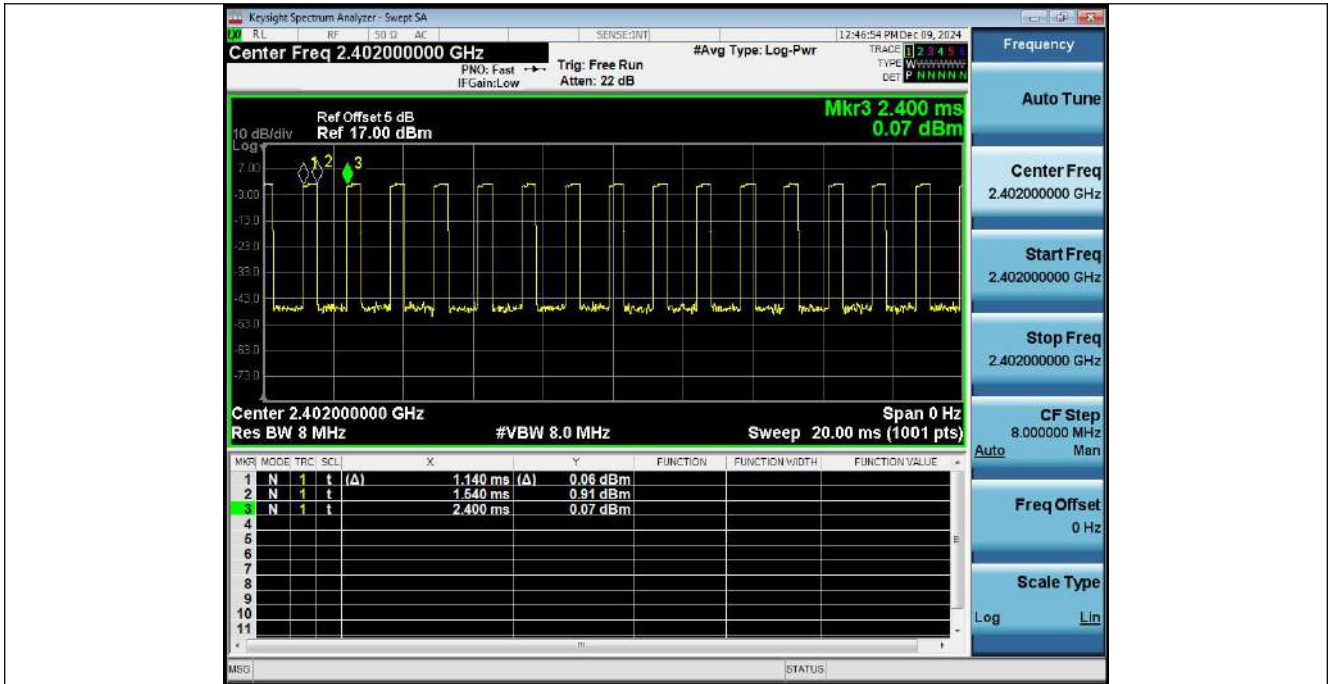
**Duty\_Cycle\_NVNT\_ANT1\_1-DH1\_2441**



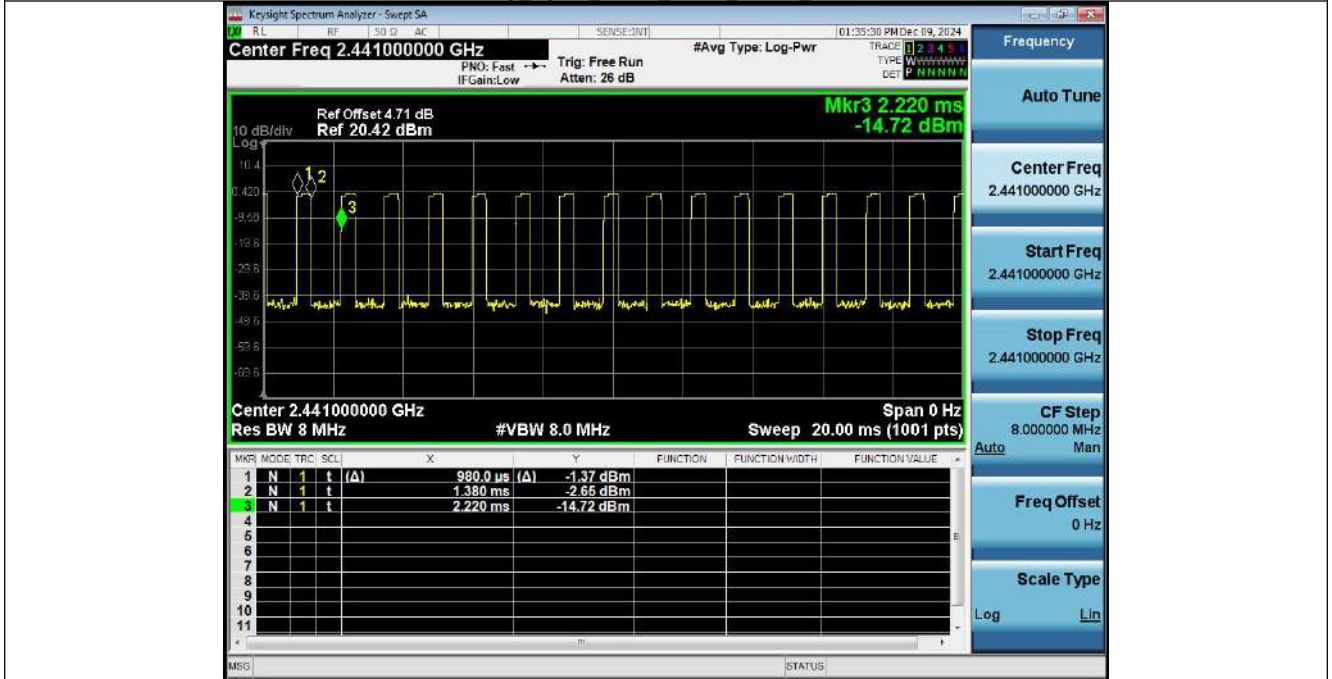
Duty Cycle\_NVNT\_ANT1 1-DH1\_2480



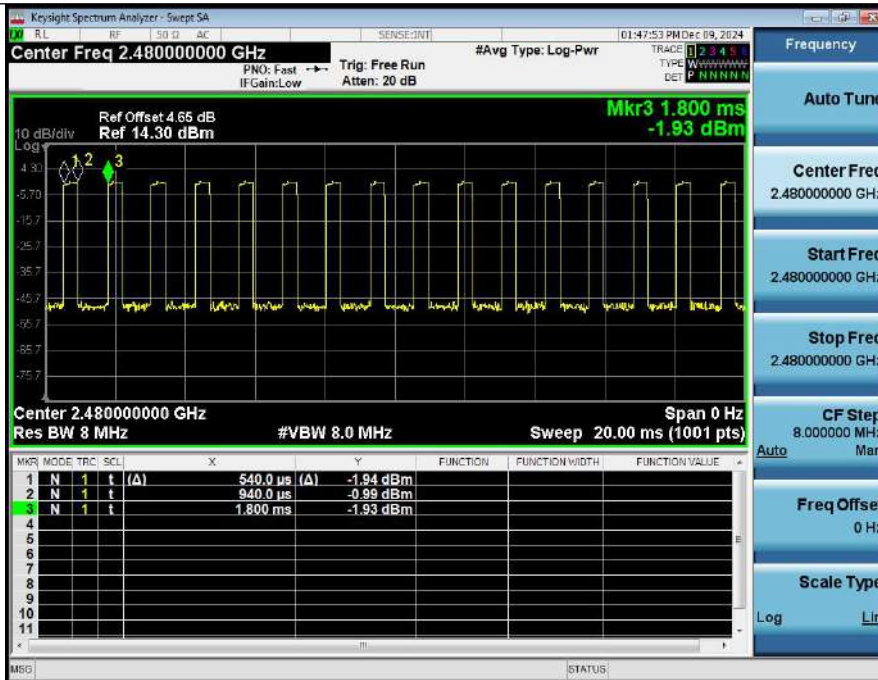
Duty Cycle\_NVNT\_ANT1 2-DH1\_2402



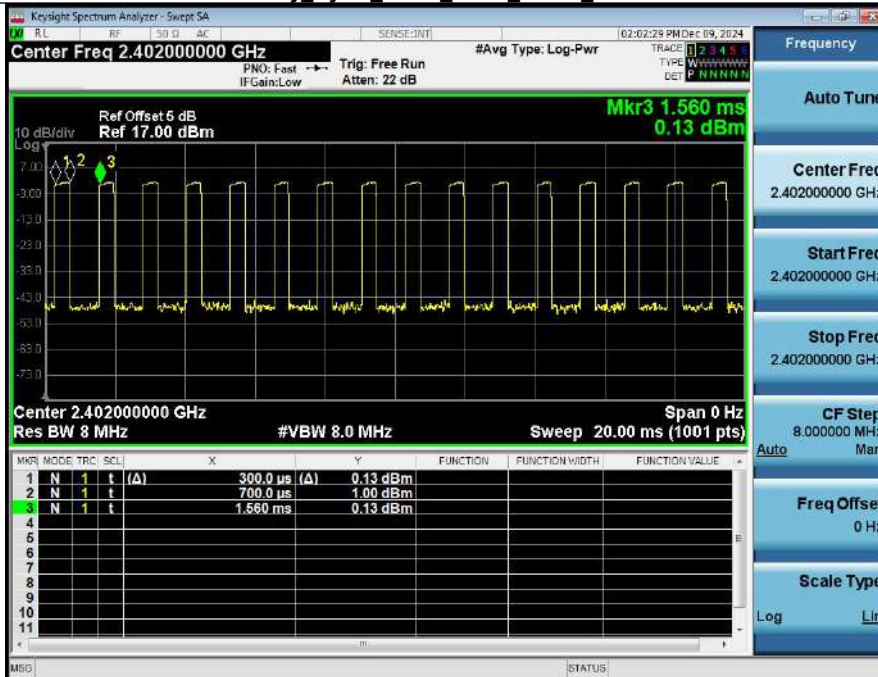
Duty Cycle\_NVNT\_ANT1 2-DH1\_2441



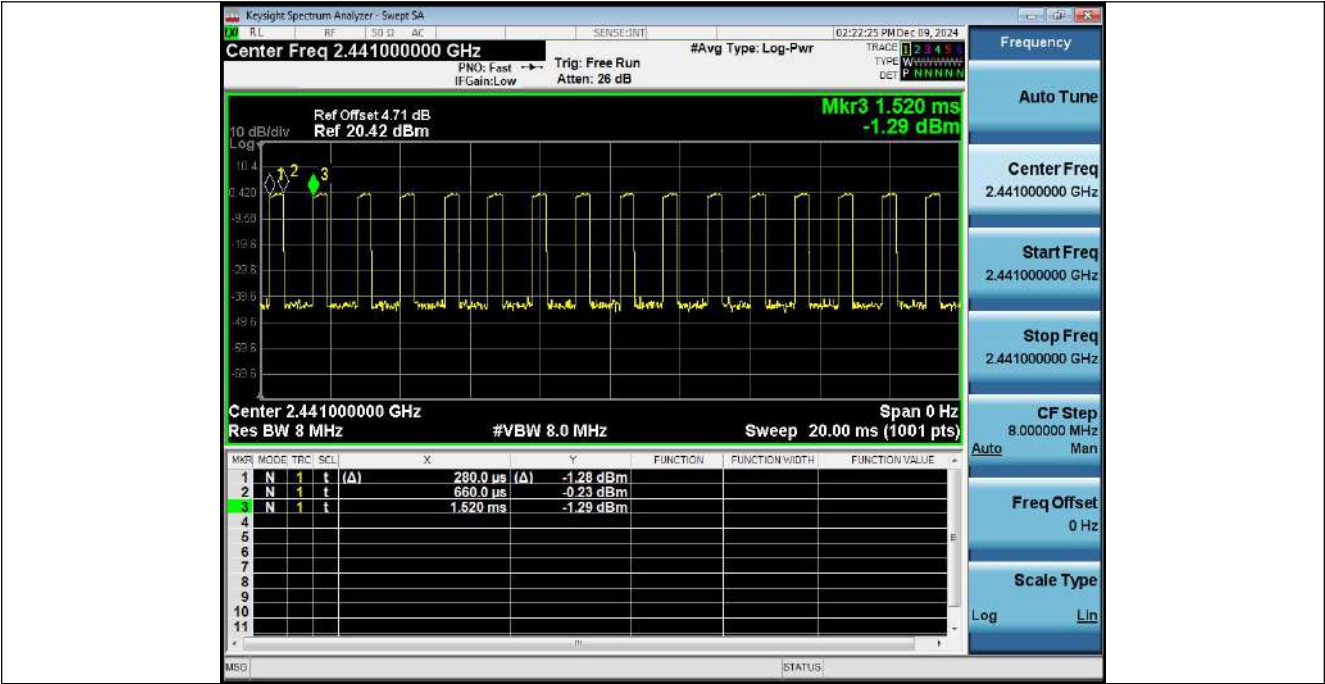
Duty Cycle\_NVNT\_ANT1 2-DH1\_2480



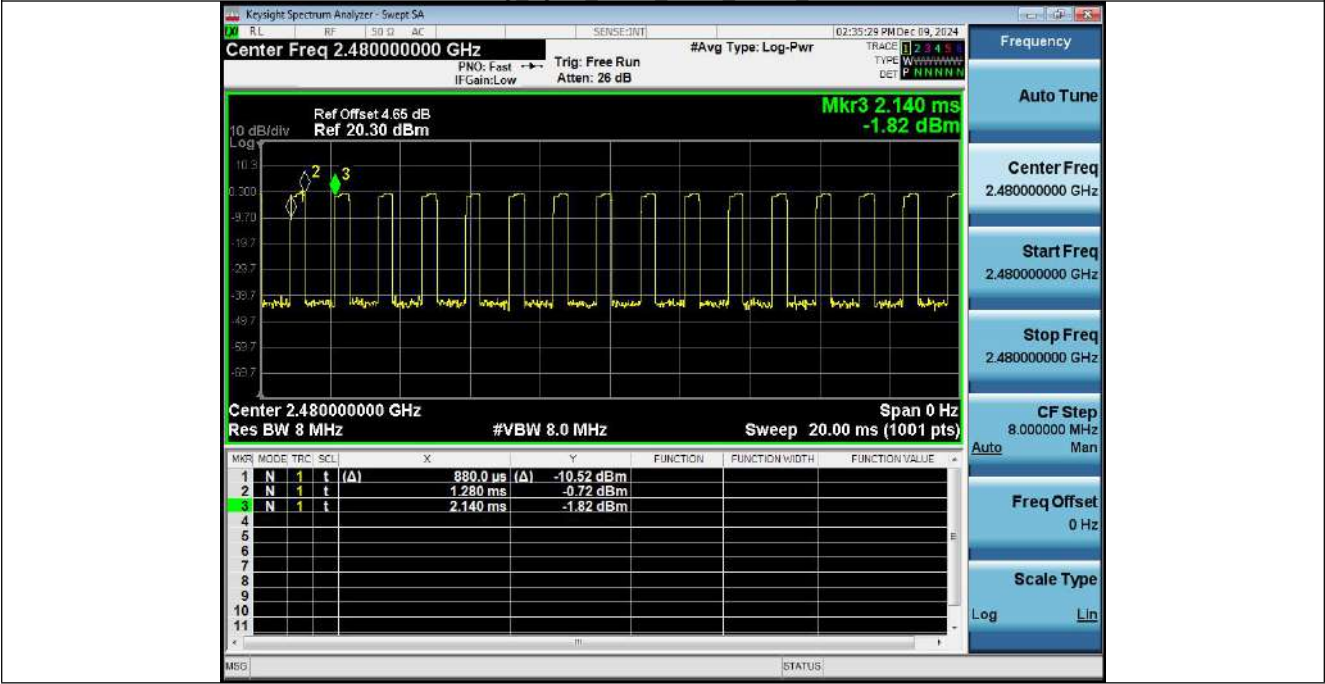
Duty Cycle\_NVNT\_ANT1\_3-DH1\_2402



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

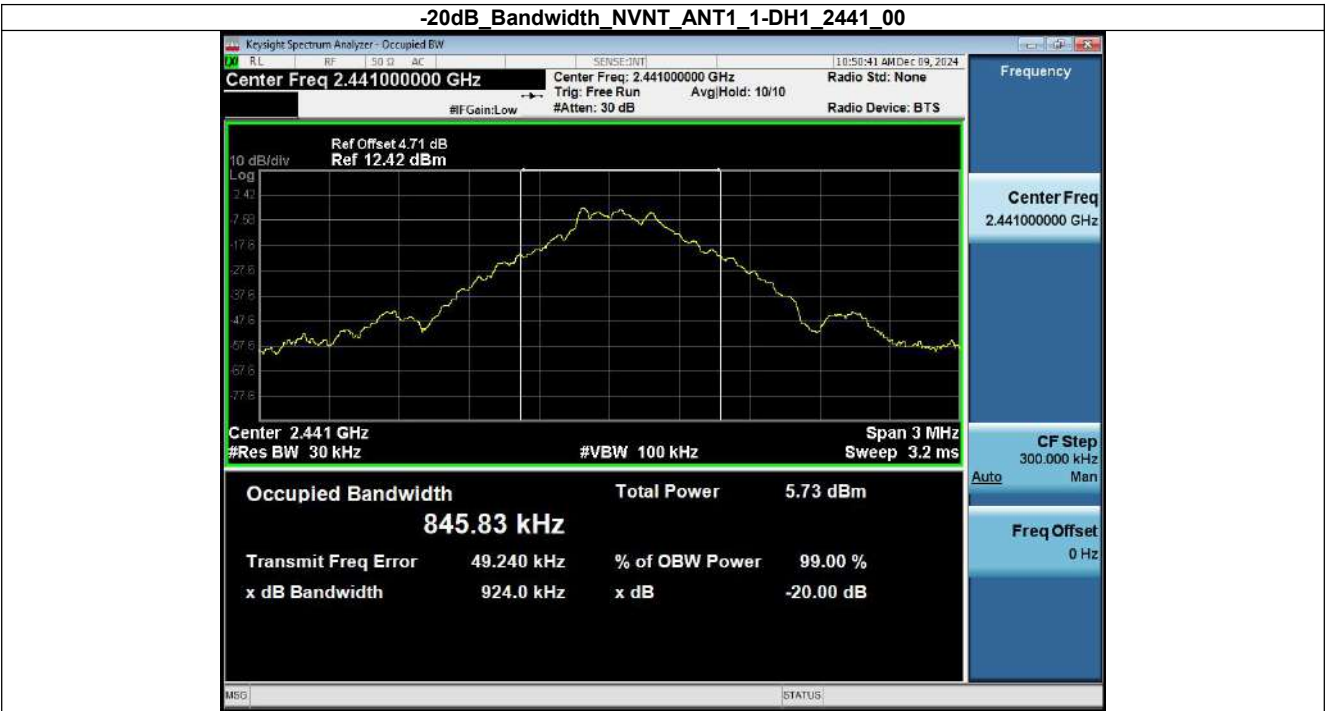


Duty Cycle\_NVNT\_ANT1 3-DH1\_2480



2. -20dB Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.921         | No                 |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.924         | No                 |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.877         | No                 |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.269         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.262         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.259         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.222         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.253         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.252         | 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

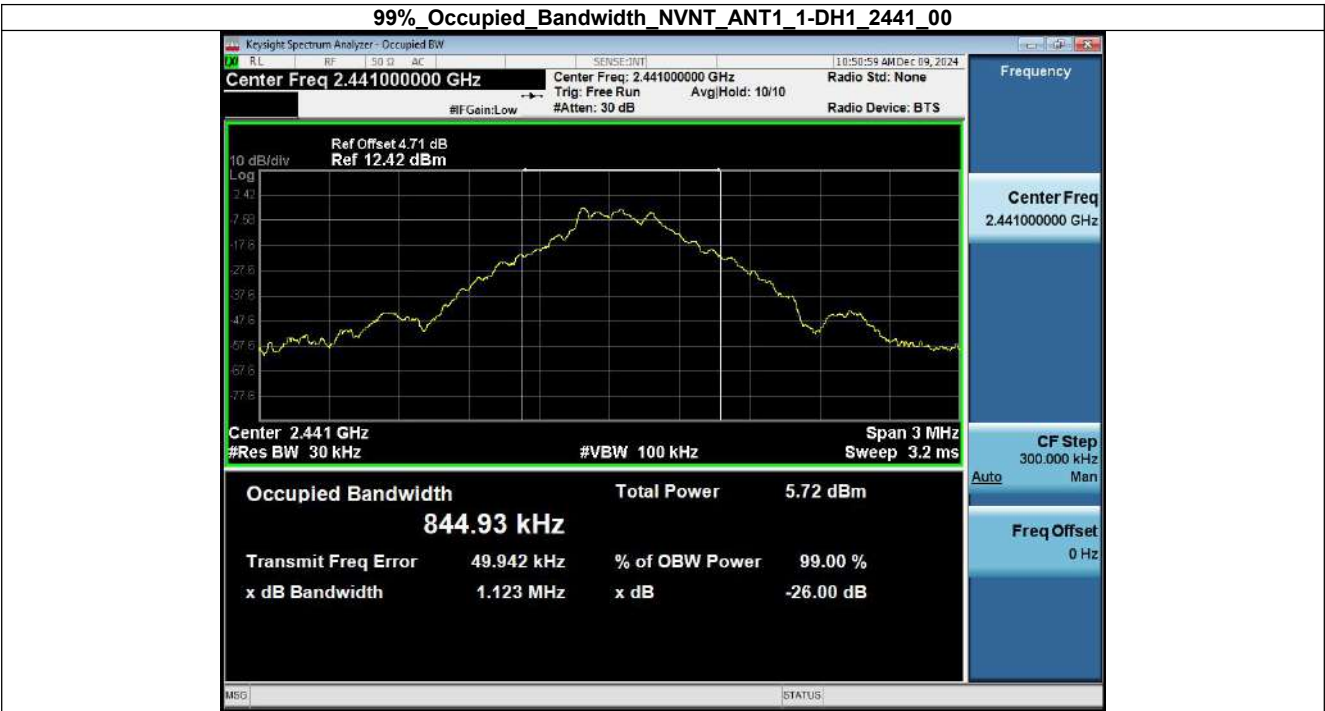


-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2480\_00



3. 99% Occupied Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | 99%%BW(MHz) |
|-----------|---------|------------|-----------------|-------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.844       |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.845       |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.841       |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.174       |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.173       |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.172       |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.156       |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.156       |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.156       |





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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         | 0.24                      | 1.06                     | 1000      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | -1.12                     | 0.77                     | 1000      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | -1.67                     | 0.68                     | 1000      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.02                      | 1.27                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | -0.35                     | 0.92                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | -0.88                     | 0.82                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.48                      | 1.41                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 0.16                      | 1.04                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | -0.39                     | 0.91                     | 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

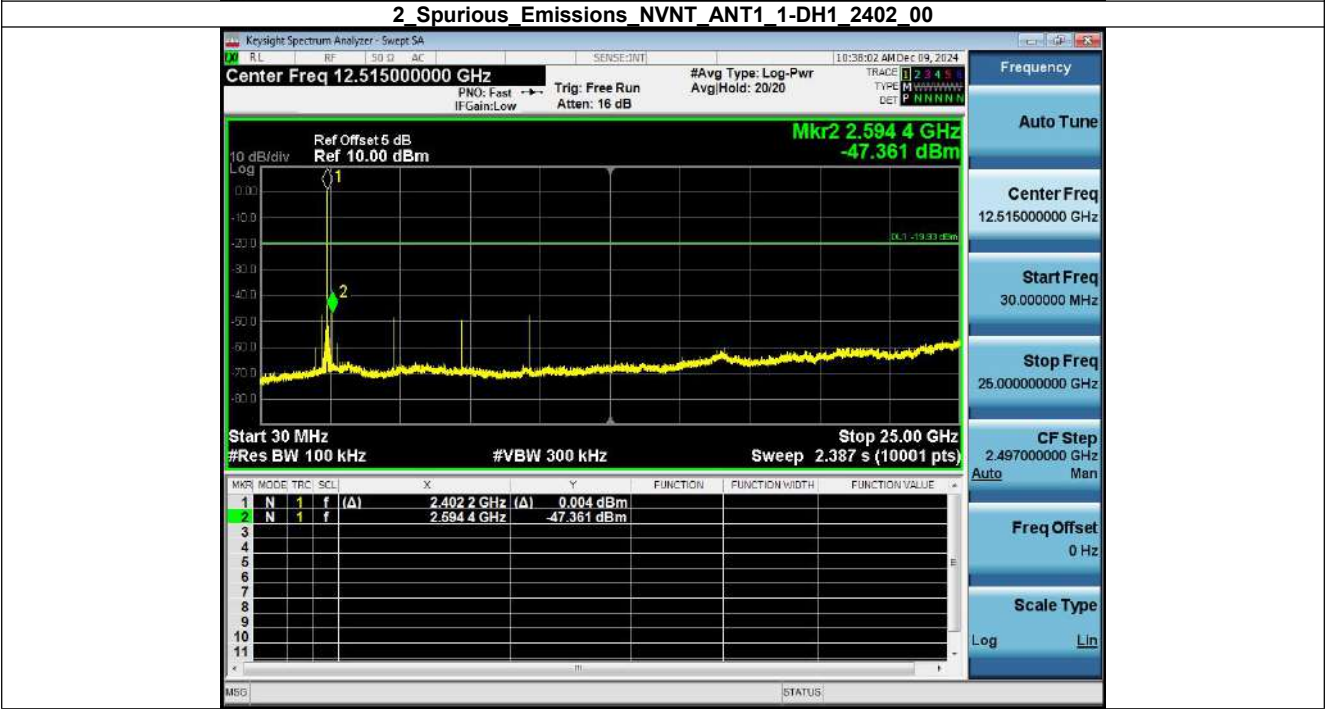


Peak Output Power NVNT\_ANT1\_3-DH1\_2480\_00

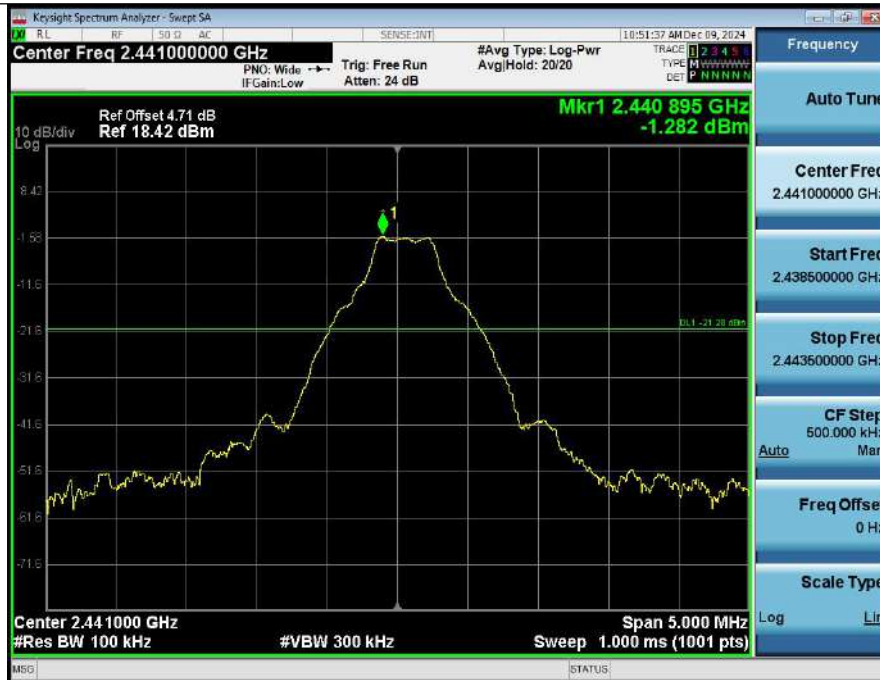


5. Spurious Emissions

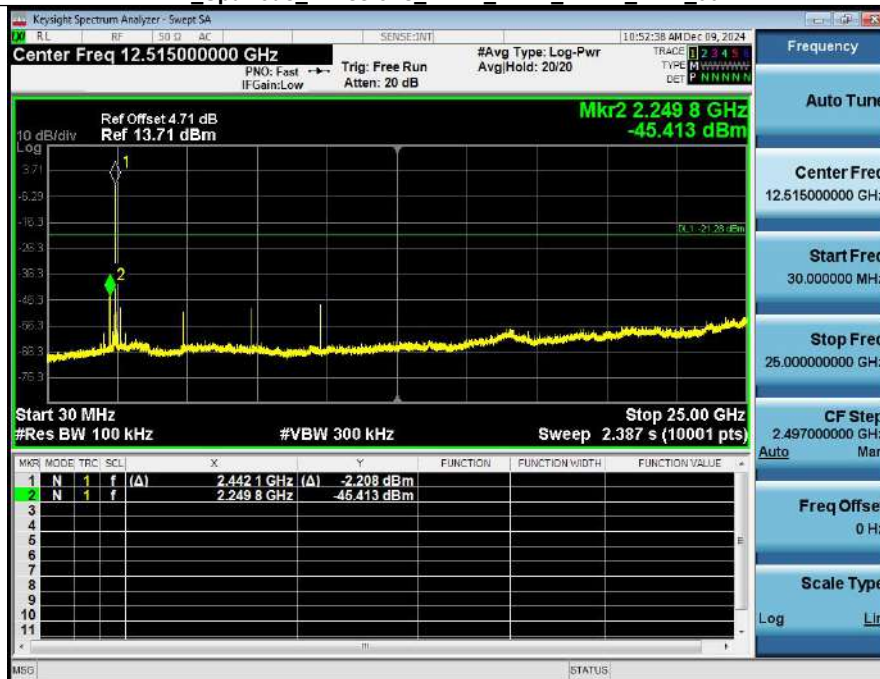
| Condition | Antenna | Modulation | TX Mode | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00 | -47.361                 | -19.929 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00 | -45.413                 | -21.282 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00 | -44.887                 | -21.889 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00 | -46.991                 | -19.972 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00 | -39.103                 | -21.355 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00 | -46.110                 | -21.911 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00 | -46.424                 | -19.919 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00 | -45.859                 | -21.237 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00 | -46.203                 | -21.831 | Pass   |



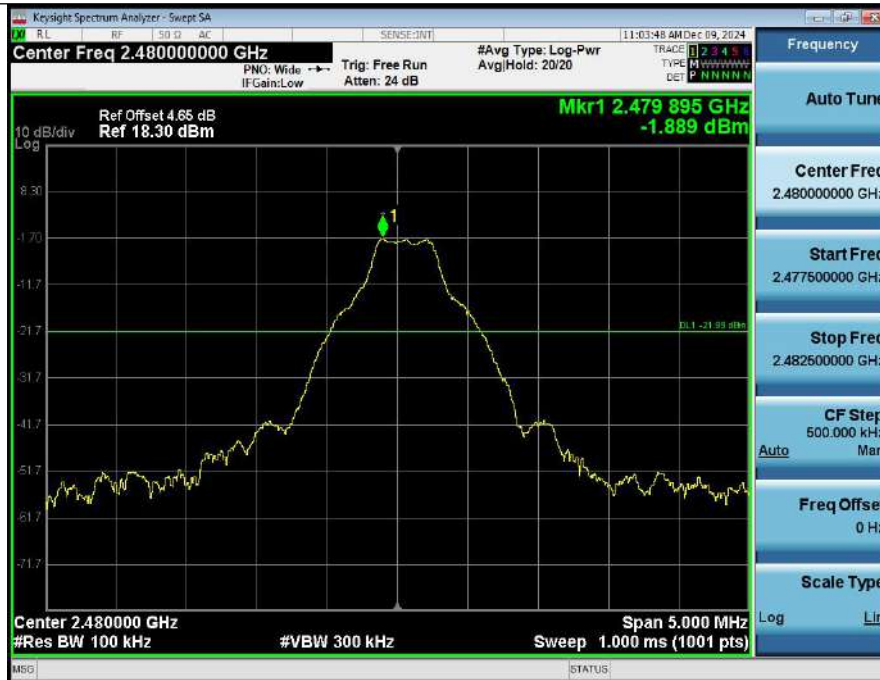
1 Reference Level NVNT ANT1 1-DH1 2441 00



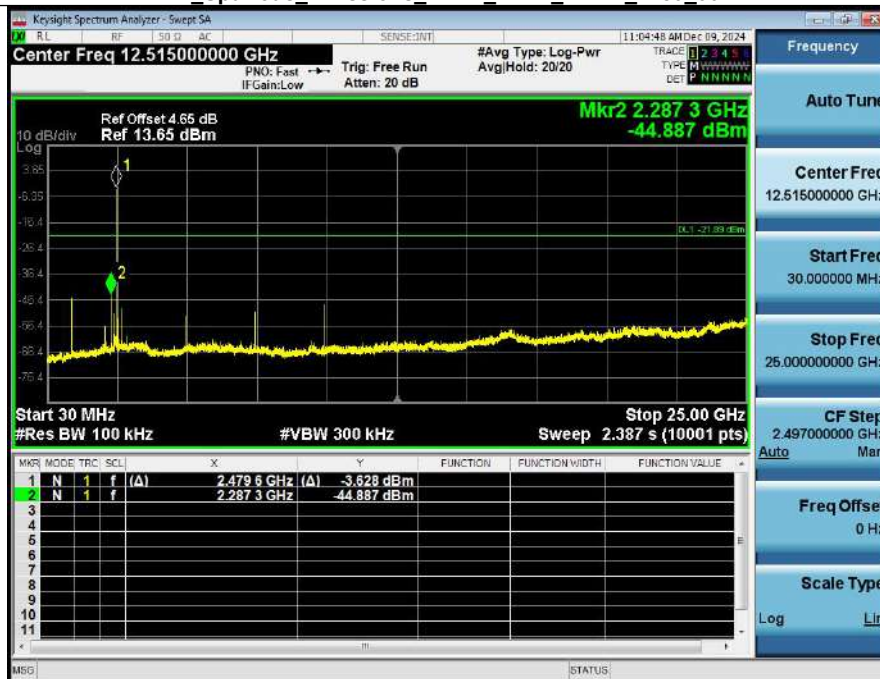
## 2 Spurious Emissions\_NVNT\_ANT1\_1-DH1\_2441\_00



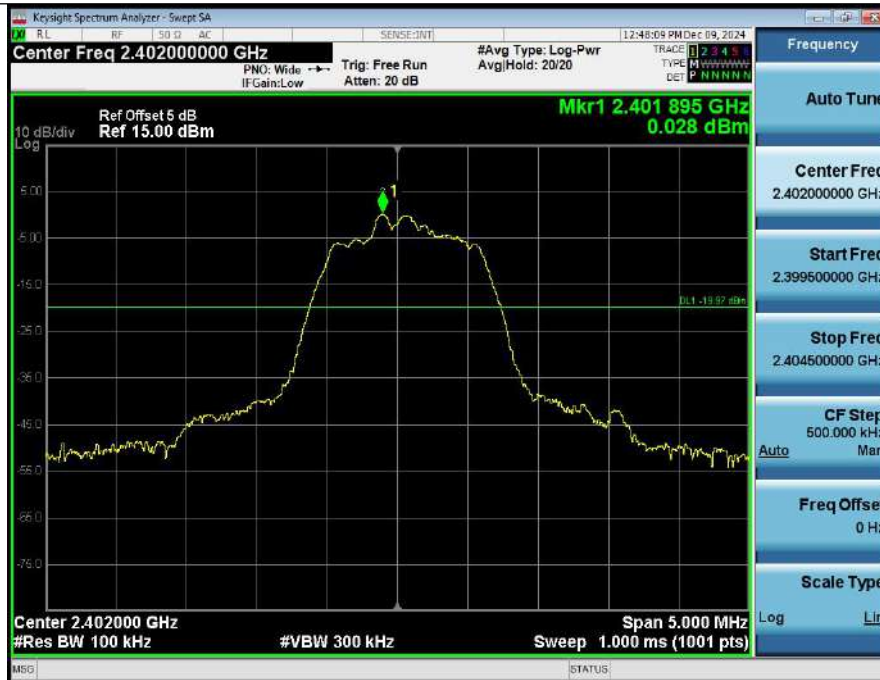
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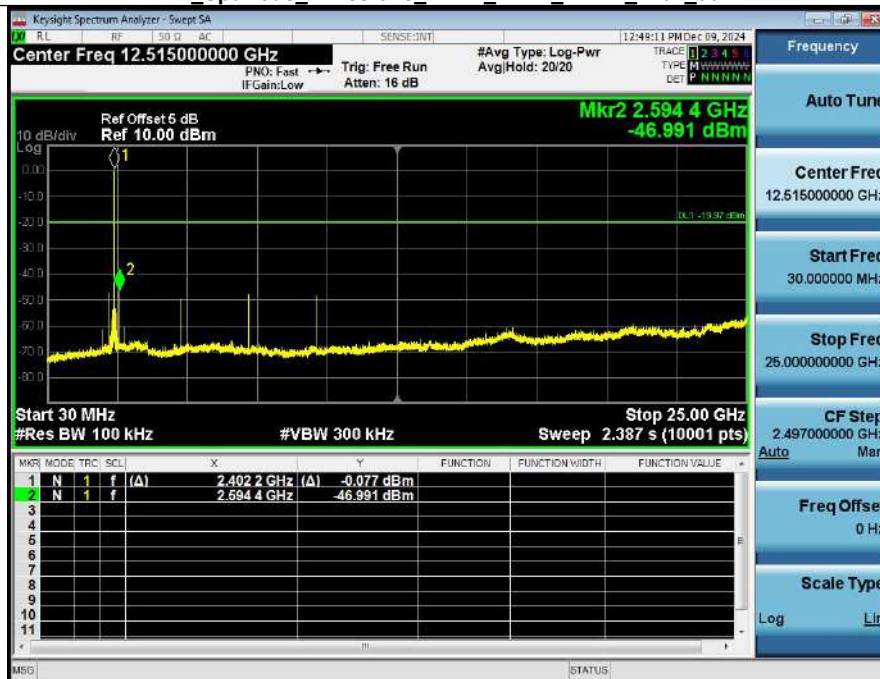
## 2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2480\_00



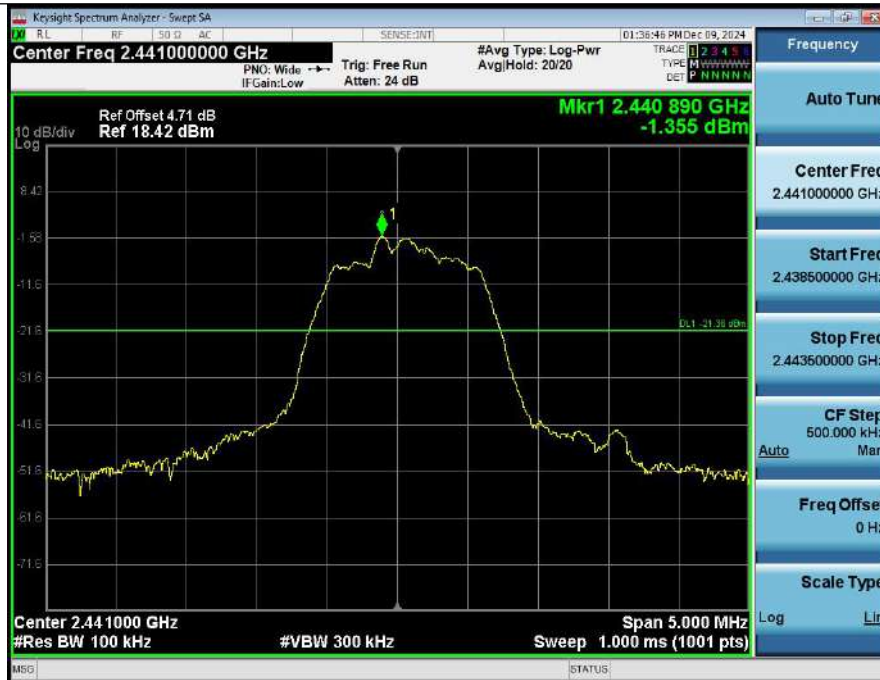
## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



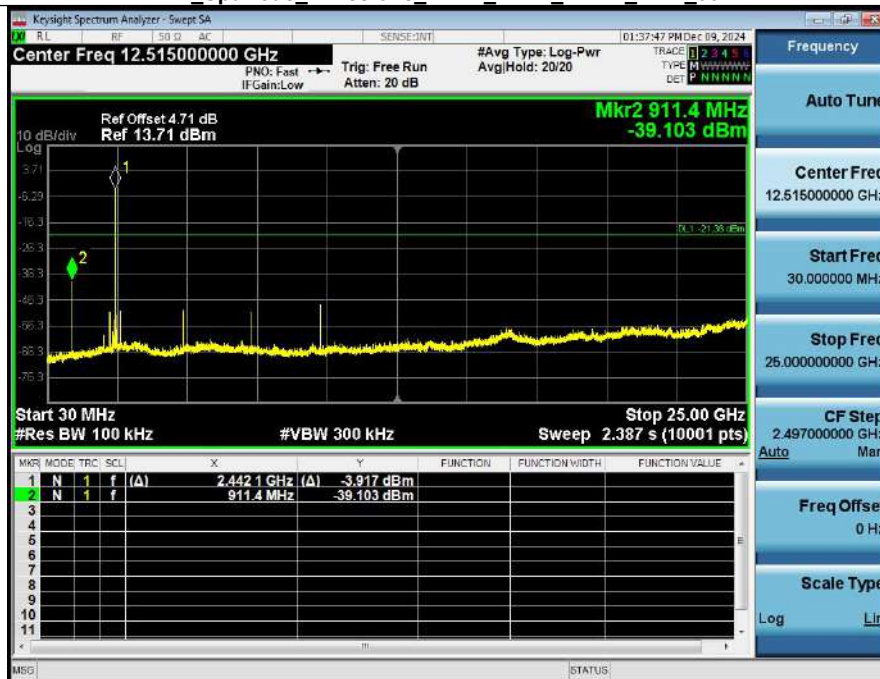
## 2 Spurious Emissions\_NVNT\_ANT1\_2-DH1\_2402\_00



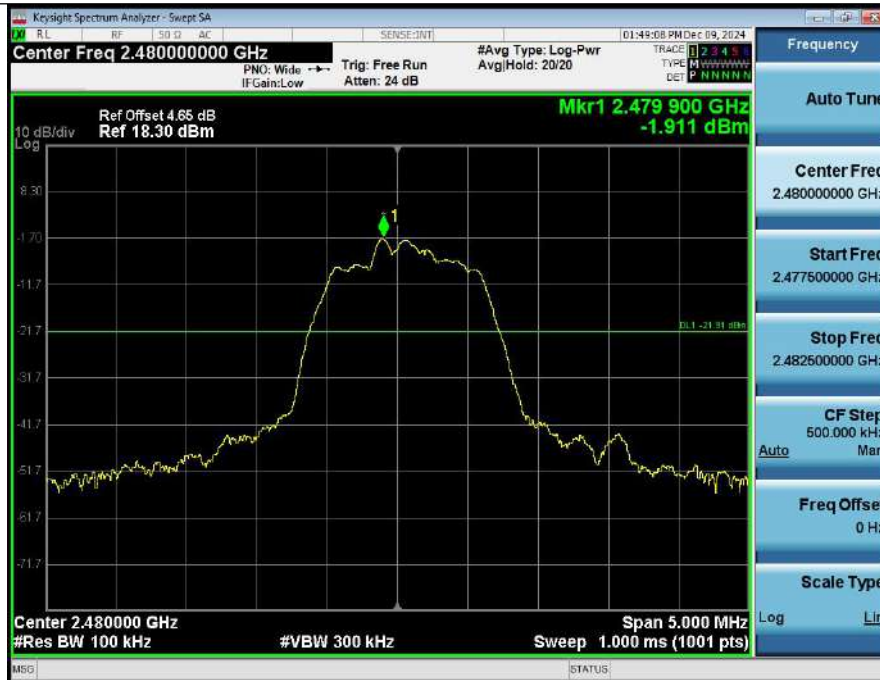
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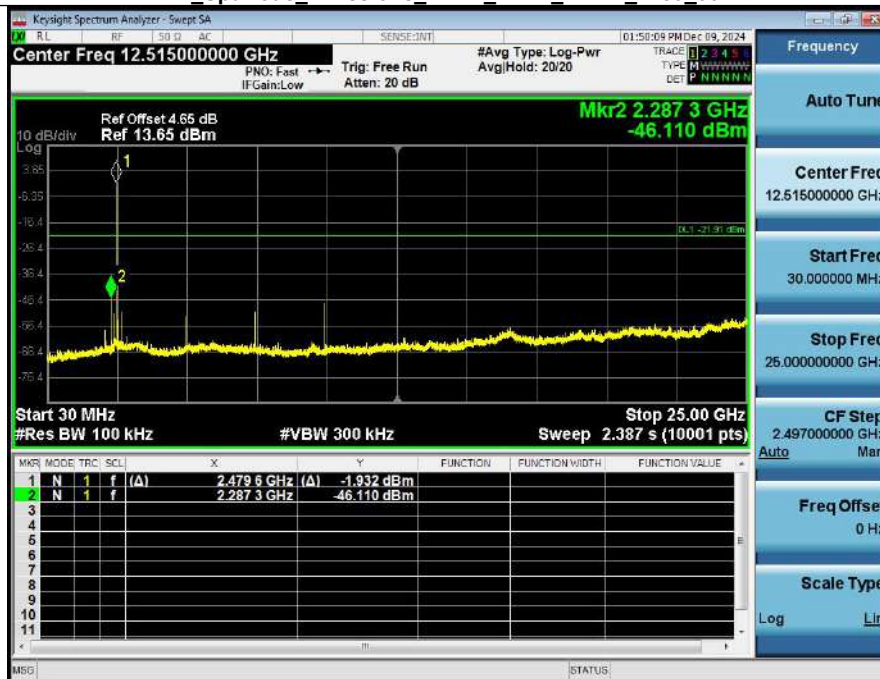
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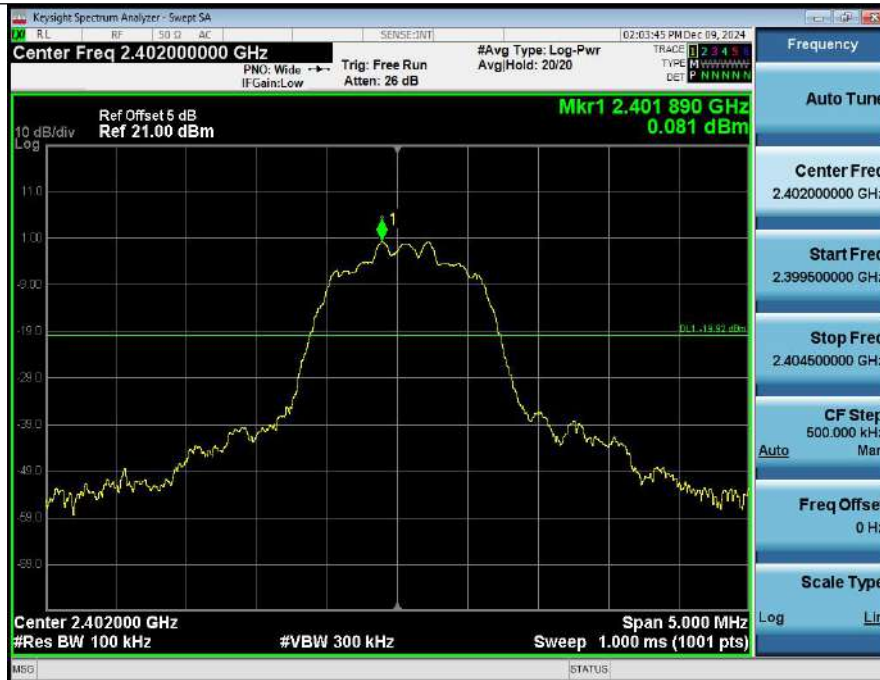
## 1 Reference Level\_NVNT\_ANT1\_2-DH1\_2480\_00



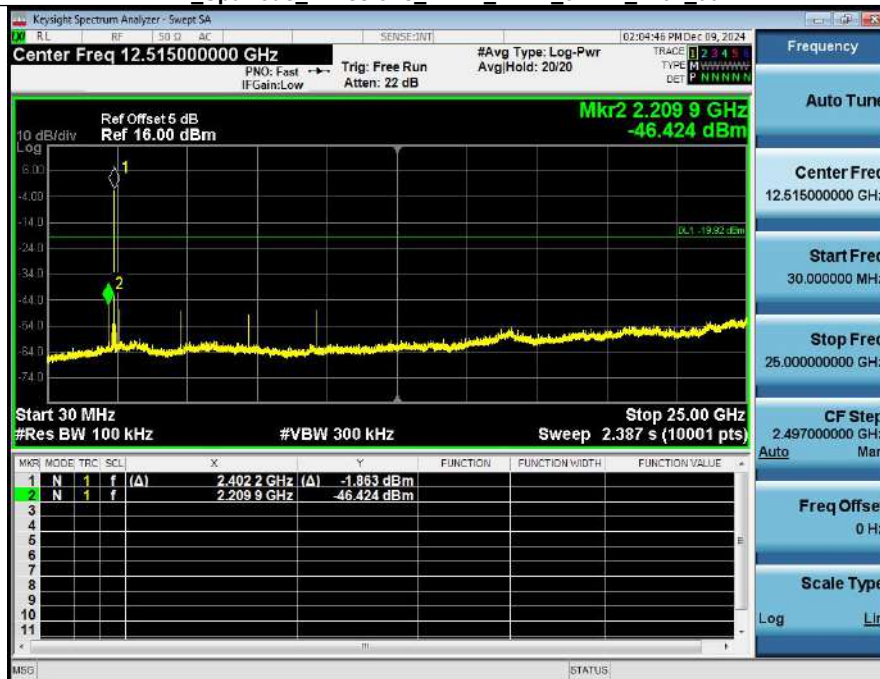
## 2 Spurious Emissions\_NVNT\_ANT1\_2-DH1\_2480\_00



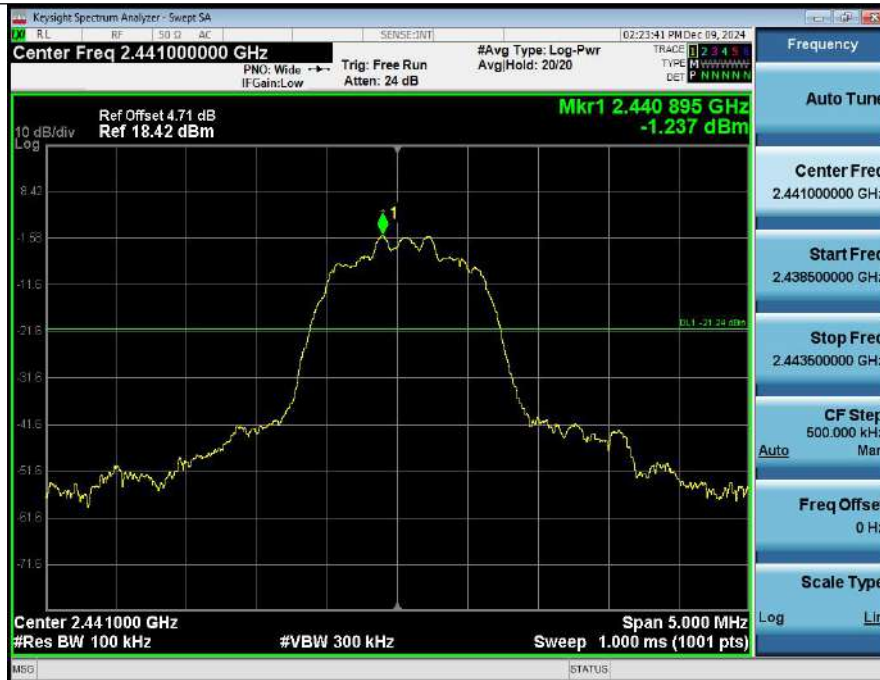
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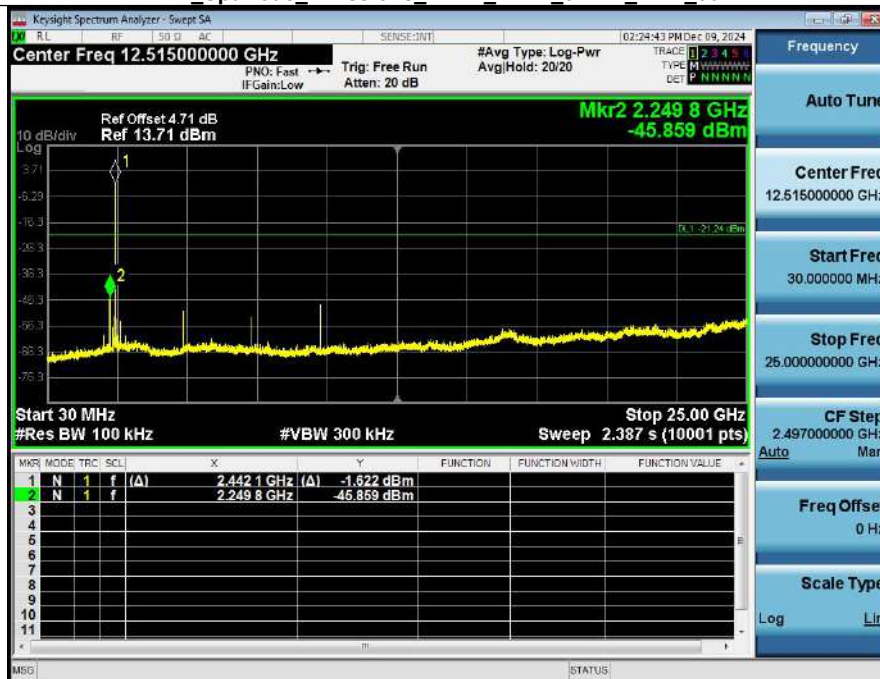
## 2 Spurious Emissions\_NVNT\_ANT1\_3-DH1\_2402\_00



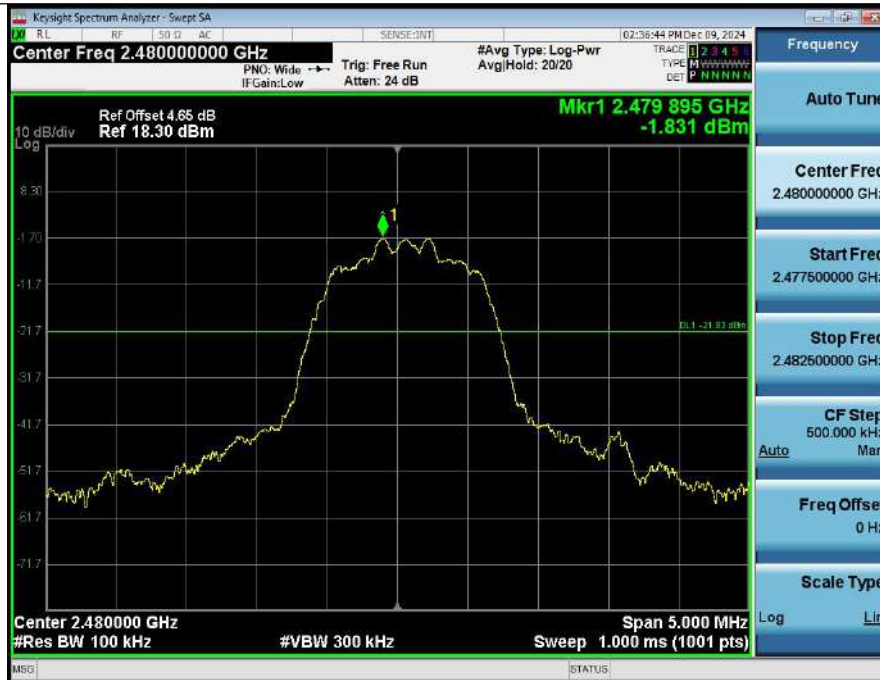
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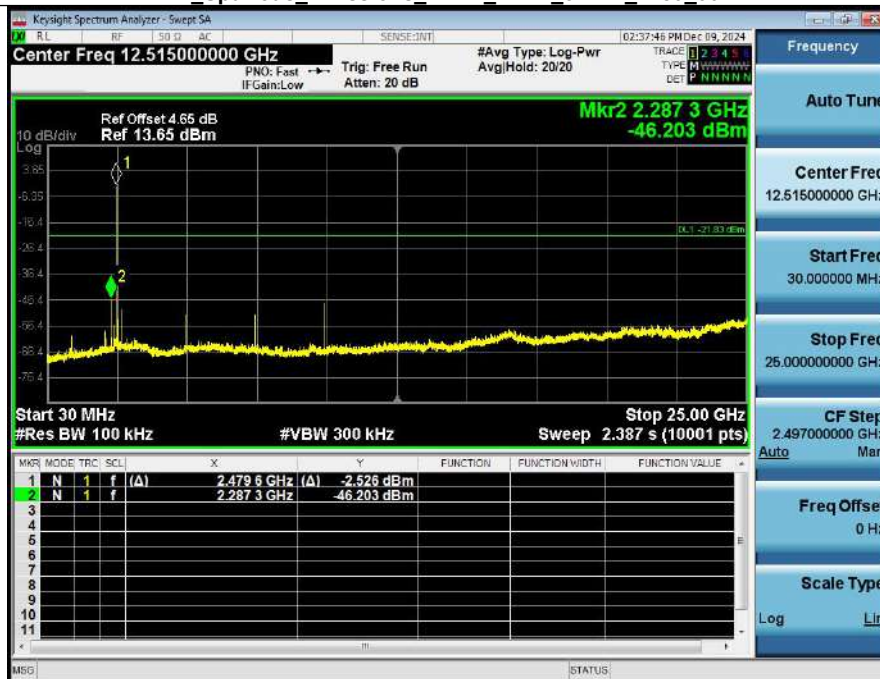
## 2 Spurious Emissions NVNT\_ANT1\_3-DH1\_2441\_00



## 1 Reference Level NVNT\_ANT1\_3-DH1\_2480\_00



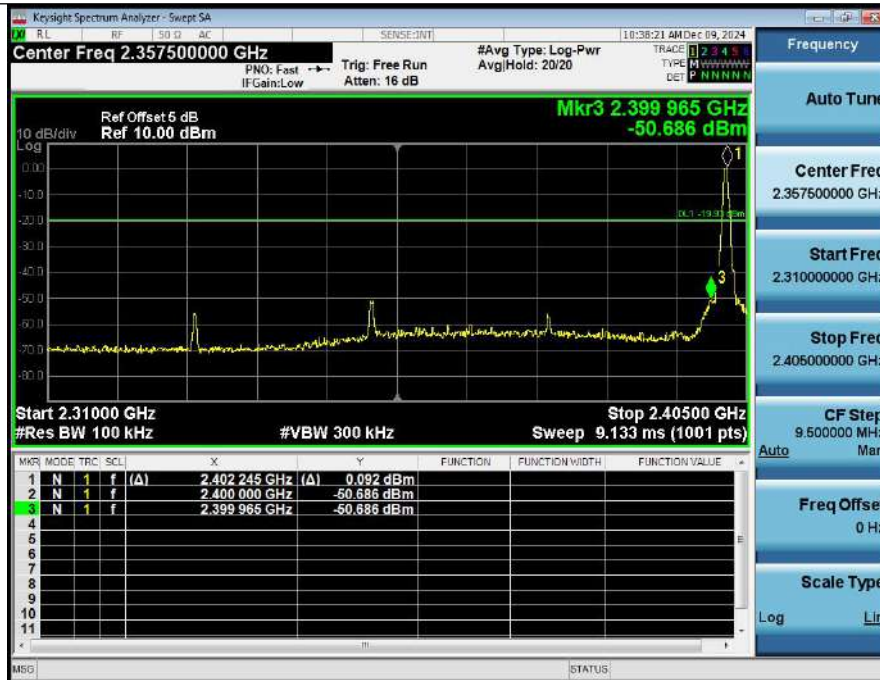
## 2 Spurious Emissions\_NVNT\_ANT1\_3-DH1\_2480\_00



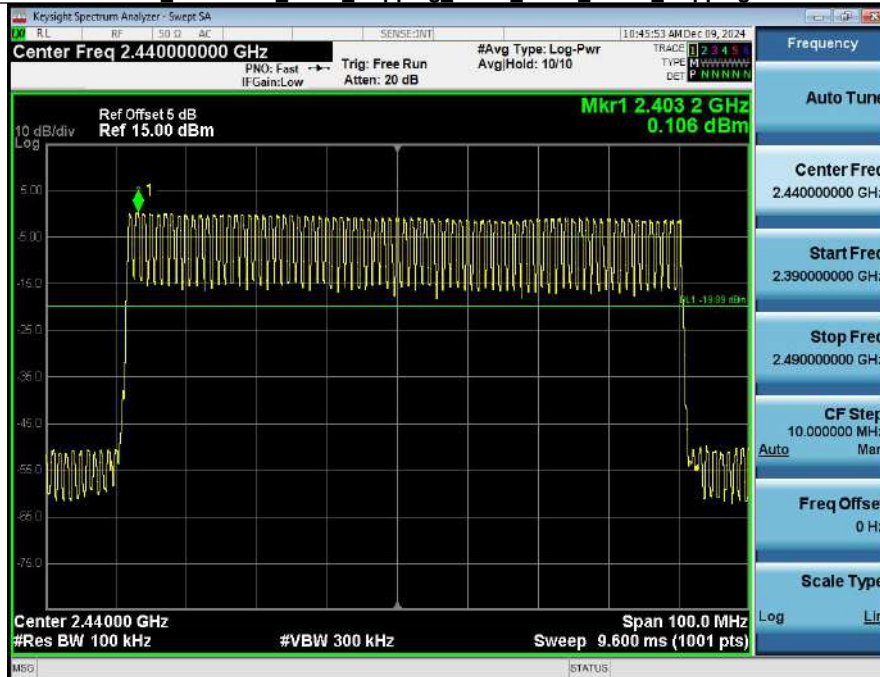
6. Bandedge

| Condition | Antenna | Modulation | TX Mode     | Bandedge MAX.Value | Limit   | Result |
|-----------|---------|------------|-------------|--------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00     | -50.686            | -19.929 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_LCH | -50.728            | -19.894 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00     | -60.310            | -21.889 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_HCH | -50.234            | -20.278 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00     | -48.707            | -19.972 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_LCH | -50.083            | -19.969 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00     | -57.897            | -21.911 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_HCH | -50.922            | -20.275 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00     | -49.552            | -19.919 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_LCH | -50.187            | -19.830 | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00     | -60.427            | -21.831 | Pass   |
| NVNT      | ANT1    | 3-DH1      | Hopping_HCH | -50.434            | -20.323 | Pass   |

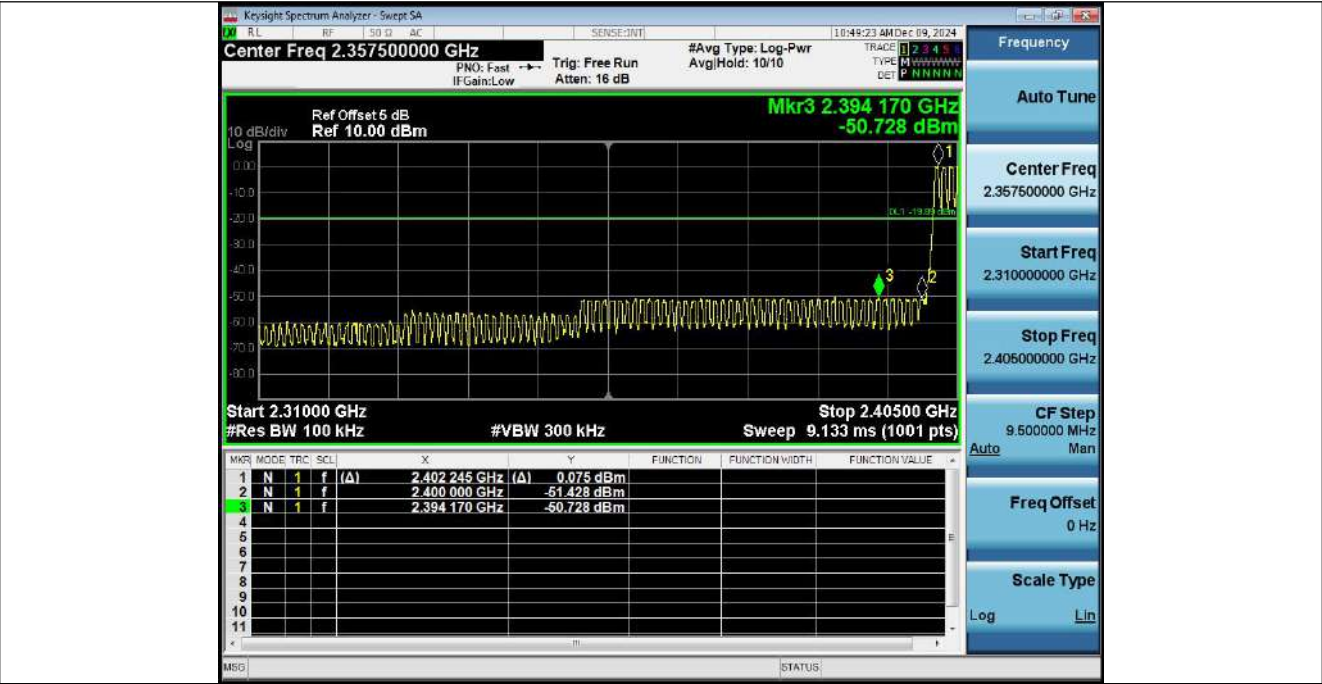




### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



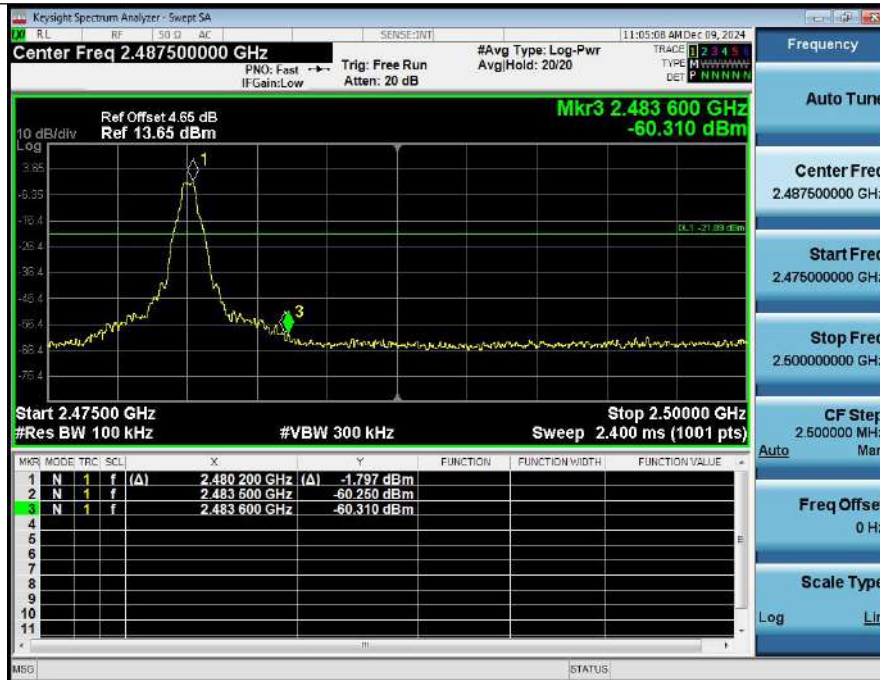
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



1 Reference Level NVNT ANT1 1-DH1 2480 00



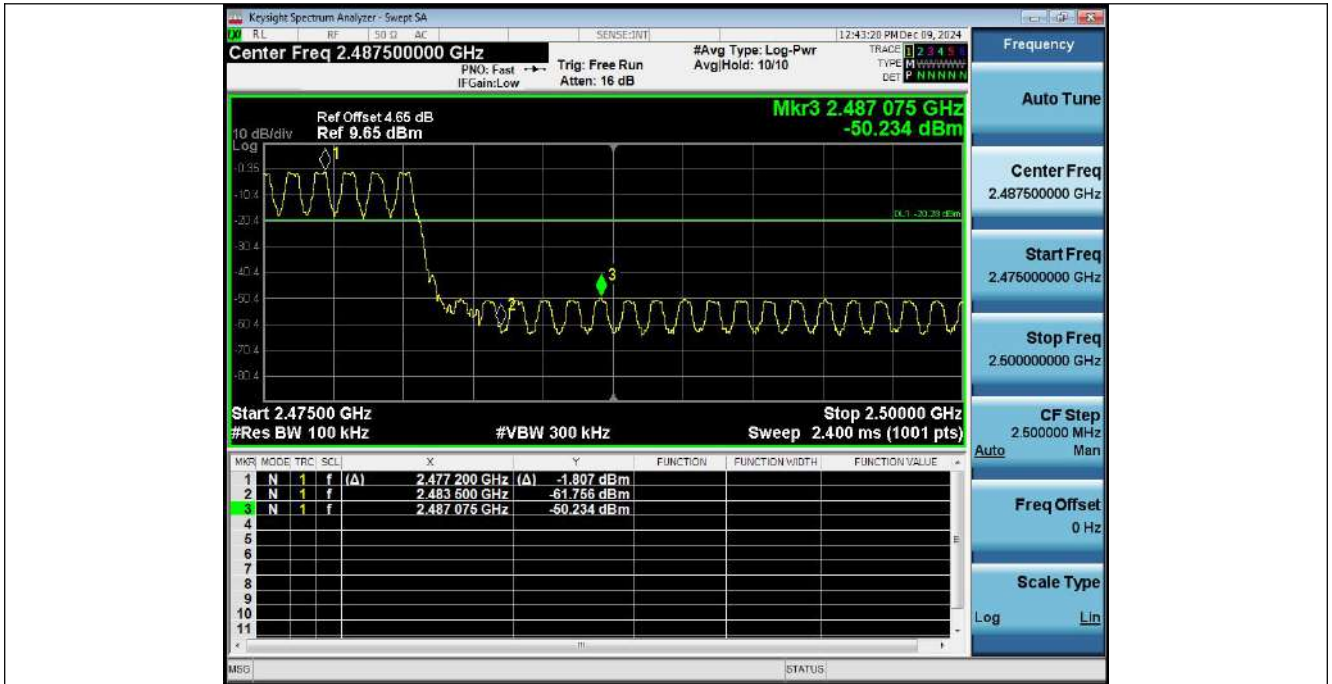
2 Bandedge NVNT ANT1 1-DH1 2480 00



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



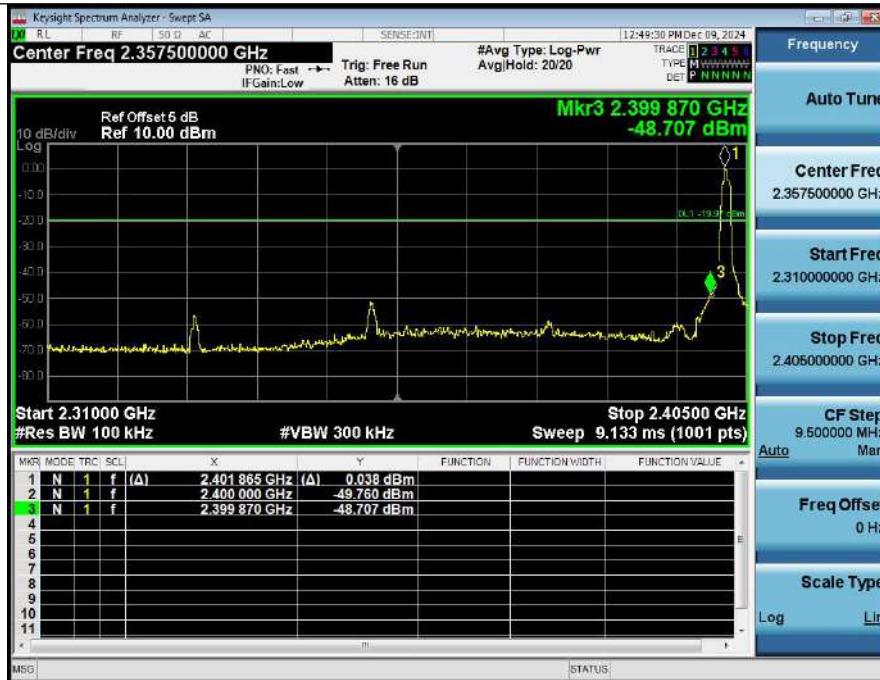
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



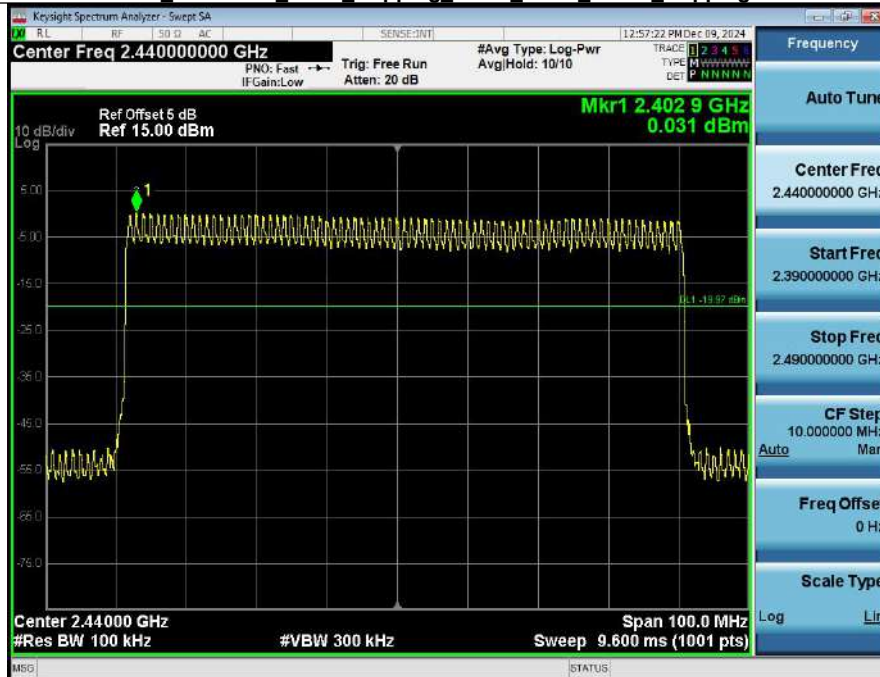
### 1 Reference Level NVNT ANT1 2-DH1 2402 00



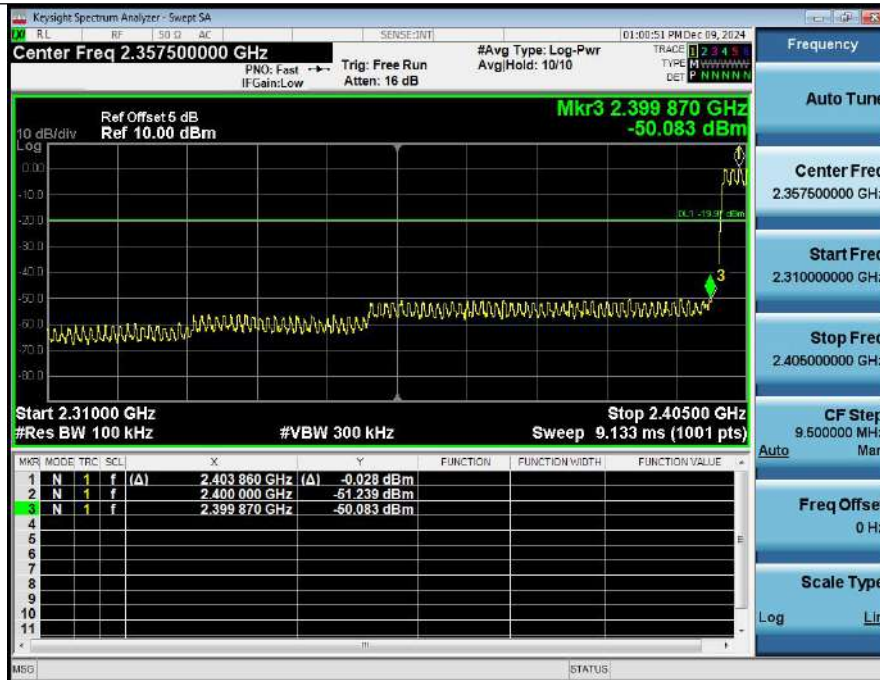
### 2 Bandedge NVNT ANT1 2-DH1 2402 00



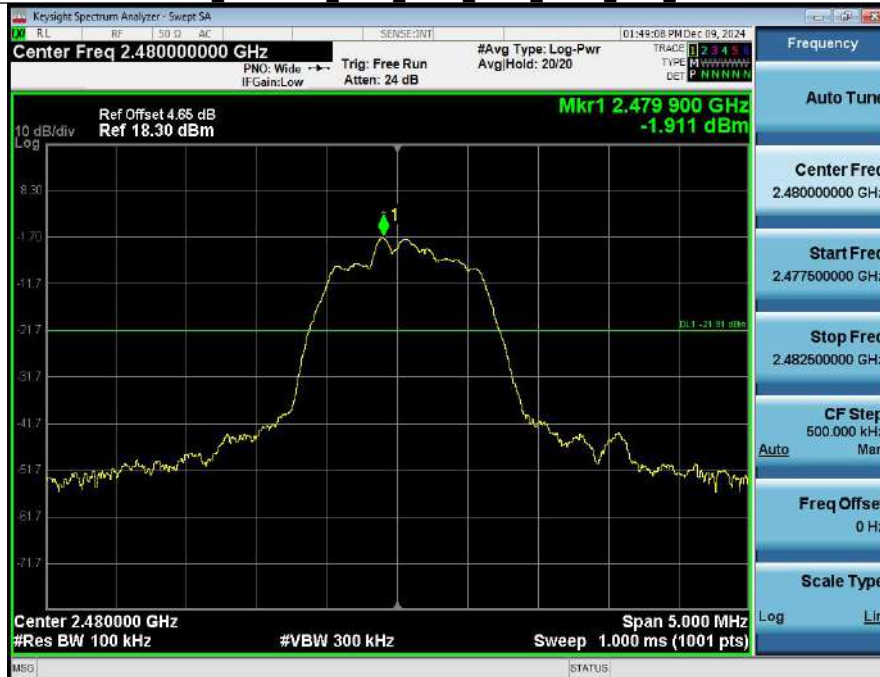
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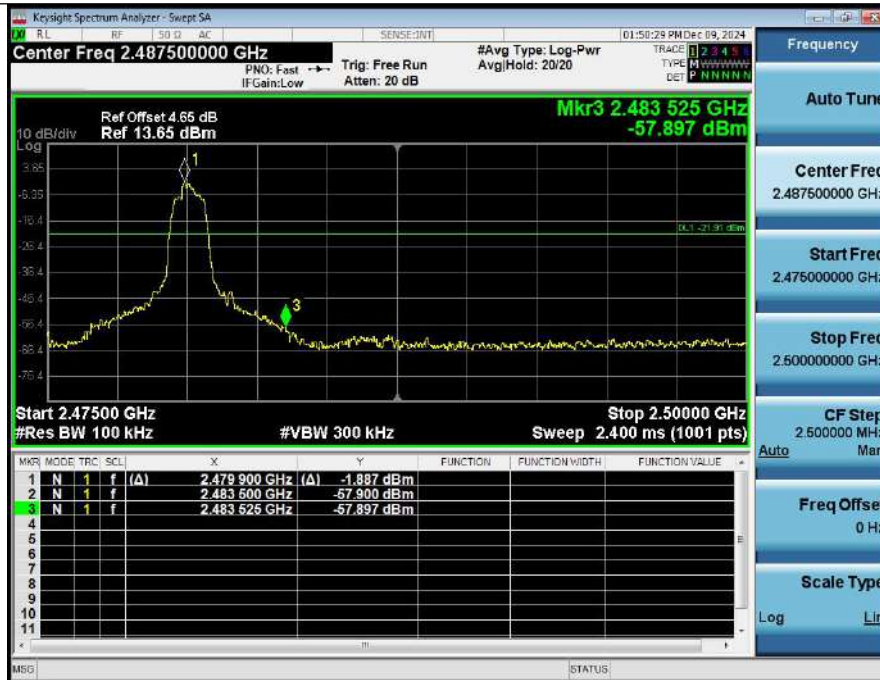
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



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



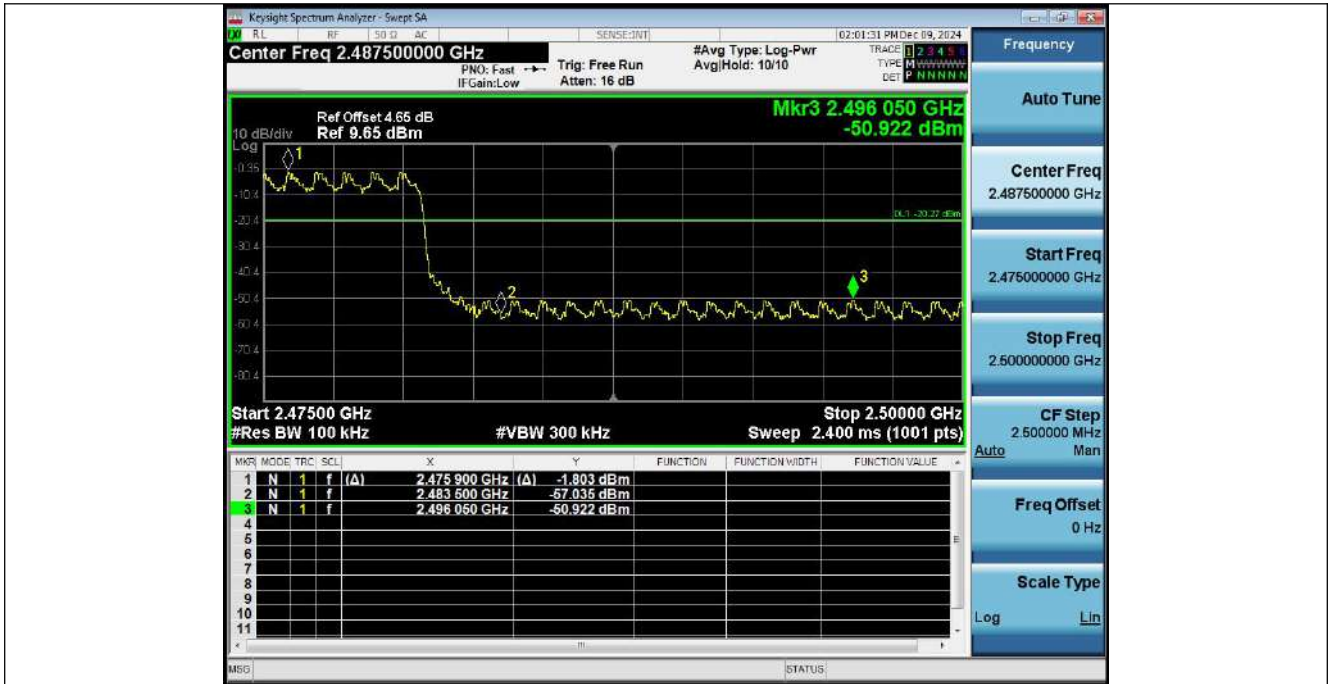
### 2 Bandedge NVNT ANT1 2-DH1 2480 00



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



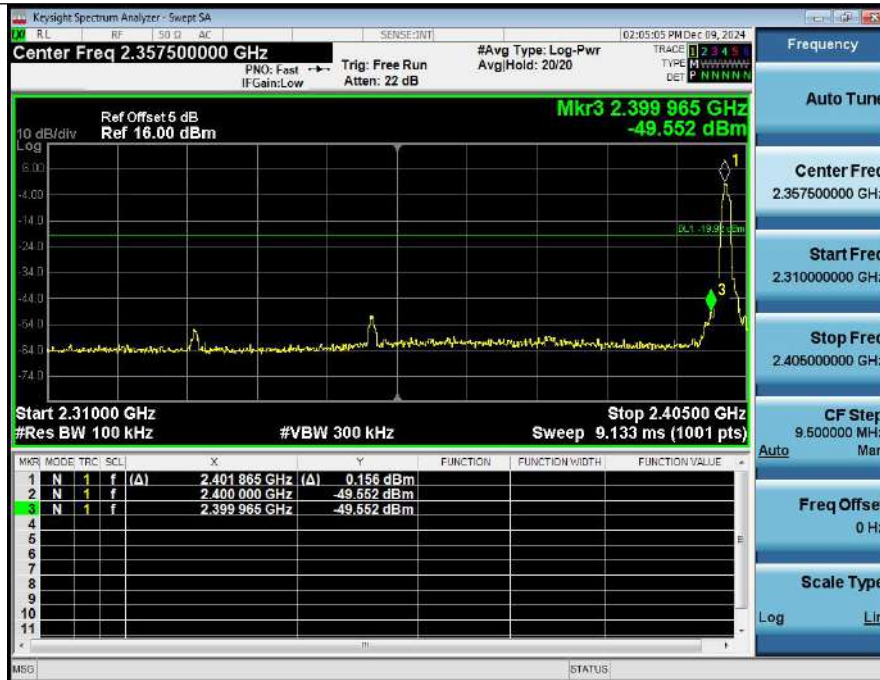
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



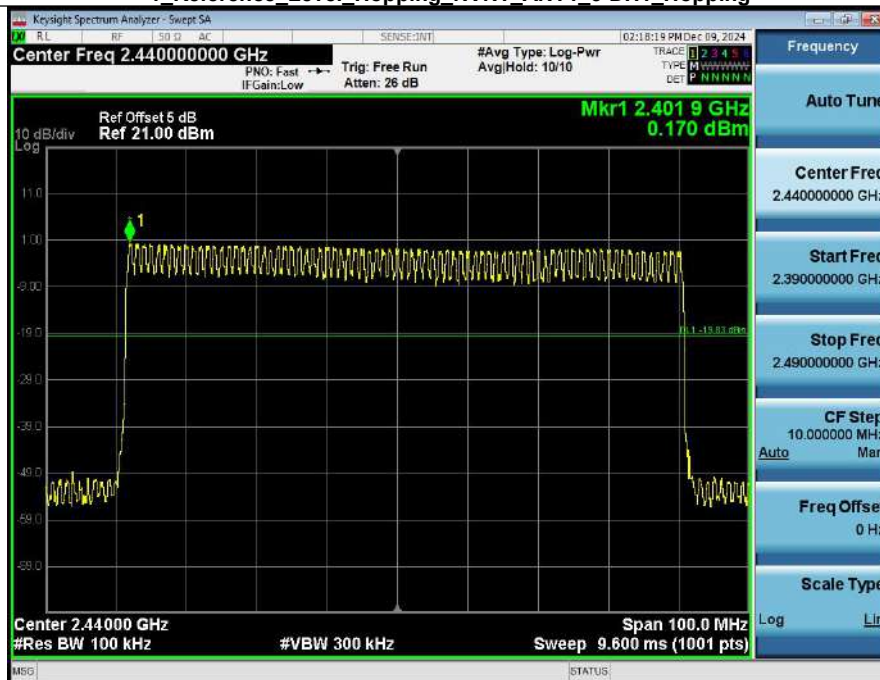
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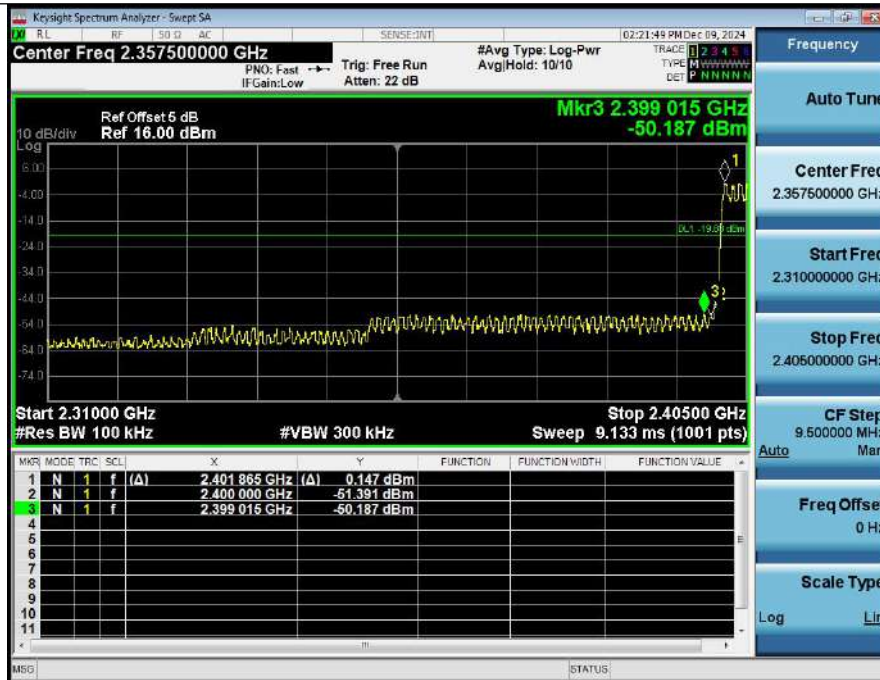
### 2 Bandedge NVNT ANT1 3-DH1 2402 00



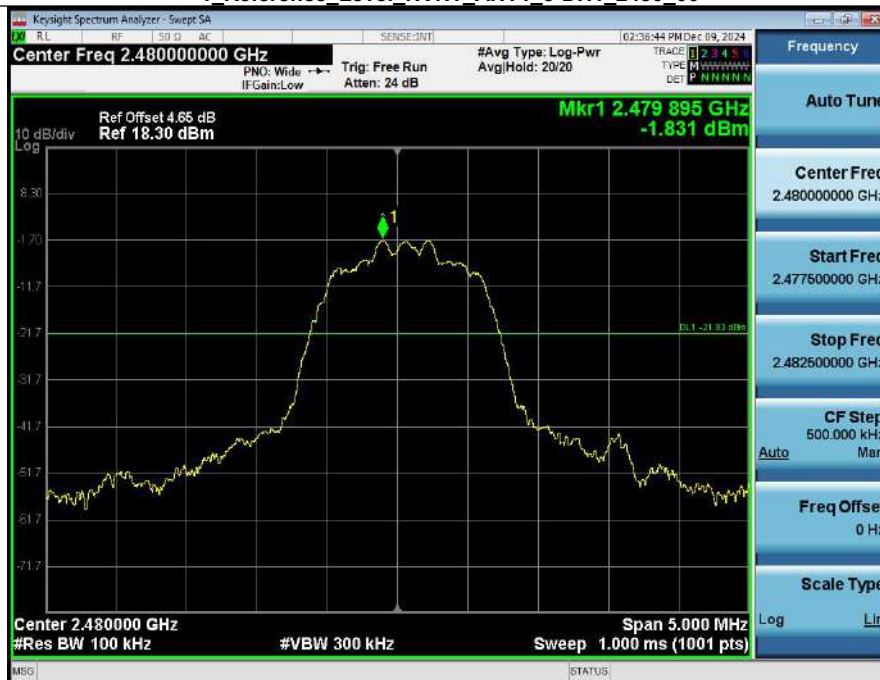
### 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH1\_Hopping



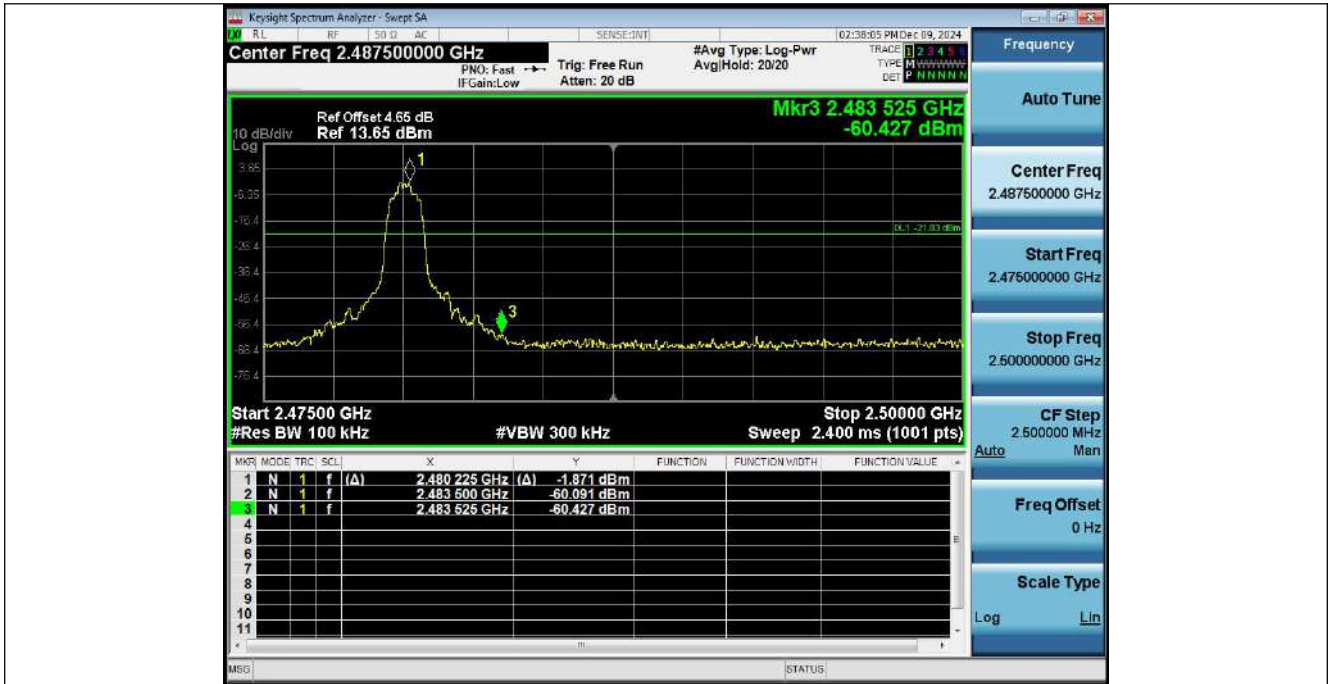
### 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



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



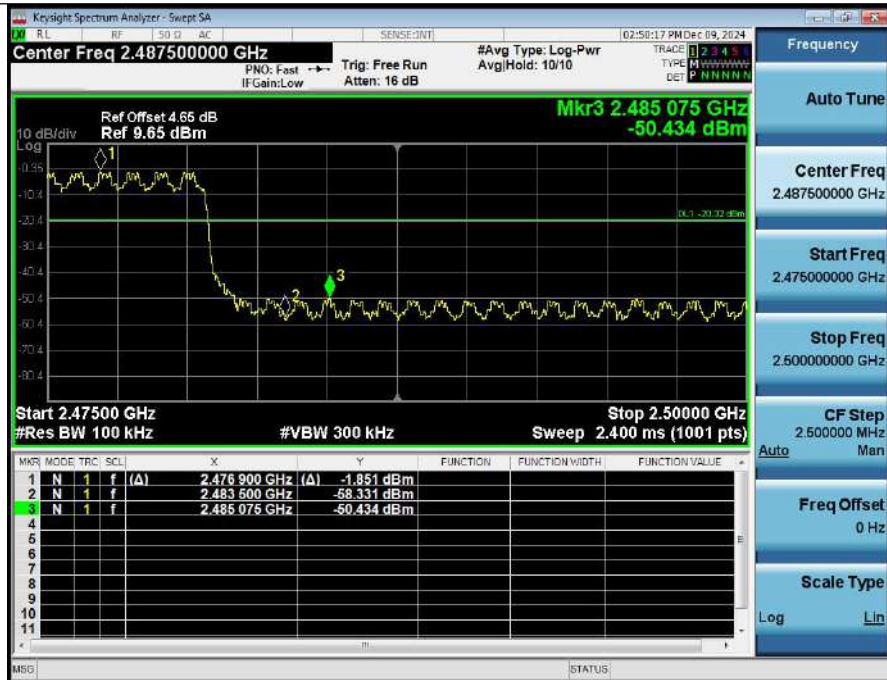
### 2 Bandedge NVNT ANT1 3-DH1 2480 00



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



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

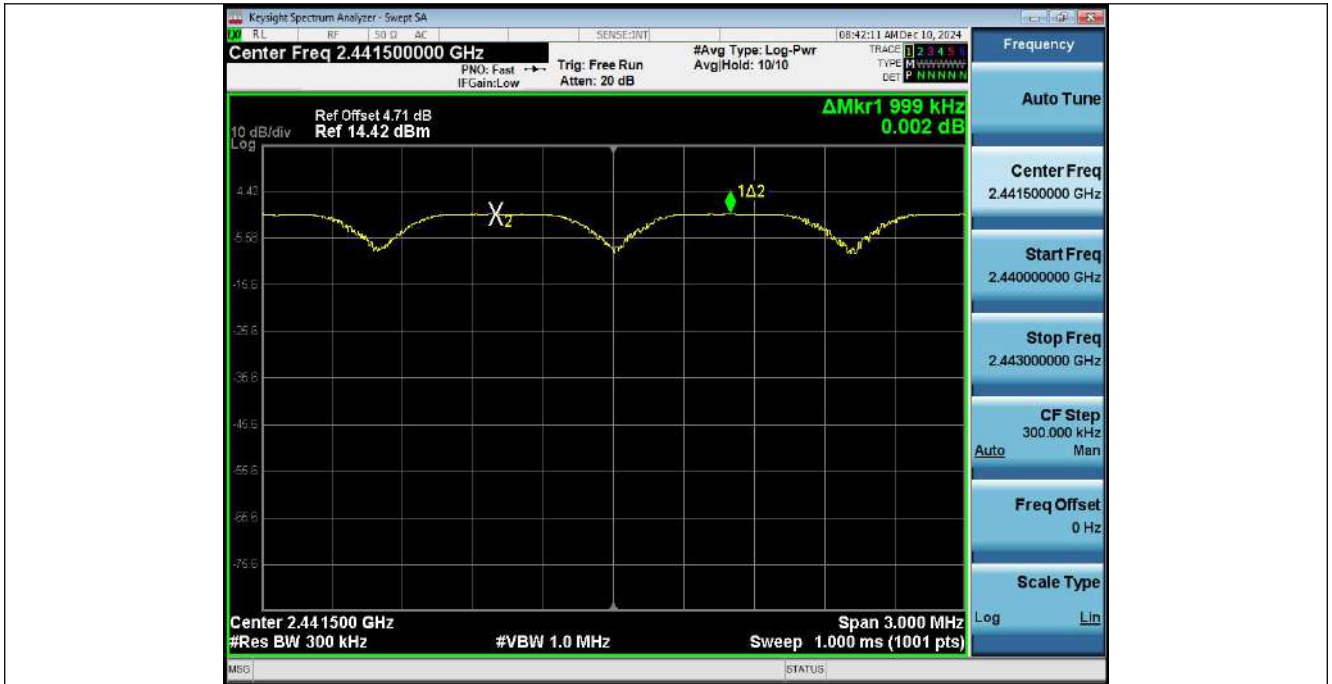


7. Carrier Frequencies Separation (Hopping)

| 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        | 2401.894           | 2402.893           | 0.999                               | 0.921      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00        | 2440.999           | 2441.998           | 0.999                               | 0.924      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00        | 2478.903           | 2479.899           | 0.996                               | 0.877      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00        | 2401.888           | 2402.887           | 0.999                               | 0.846      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00        | 2441.002           | 2441.998           | 0.996                               | 0.841      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00        | 2478.993           | 2479.995           | 1.002                               | 0.839      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00        | 2401.891           | 2402.896           | 1.005                               | 0.815      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00        | 2440.990           | 2441.989           | 0.999                               | 0.835      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00        | 2479.218           | 2480.217           | 0.999                               | 0.835      | 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\_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

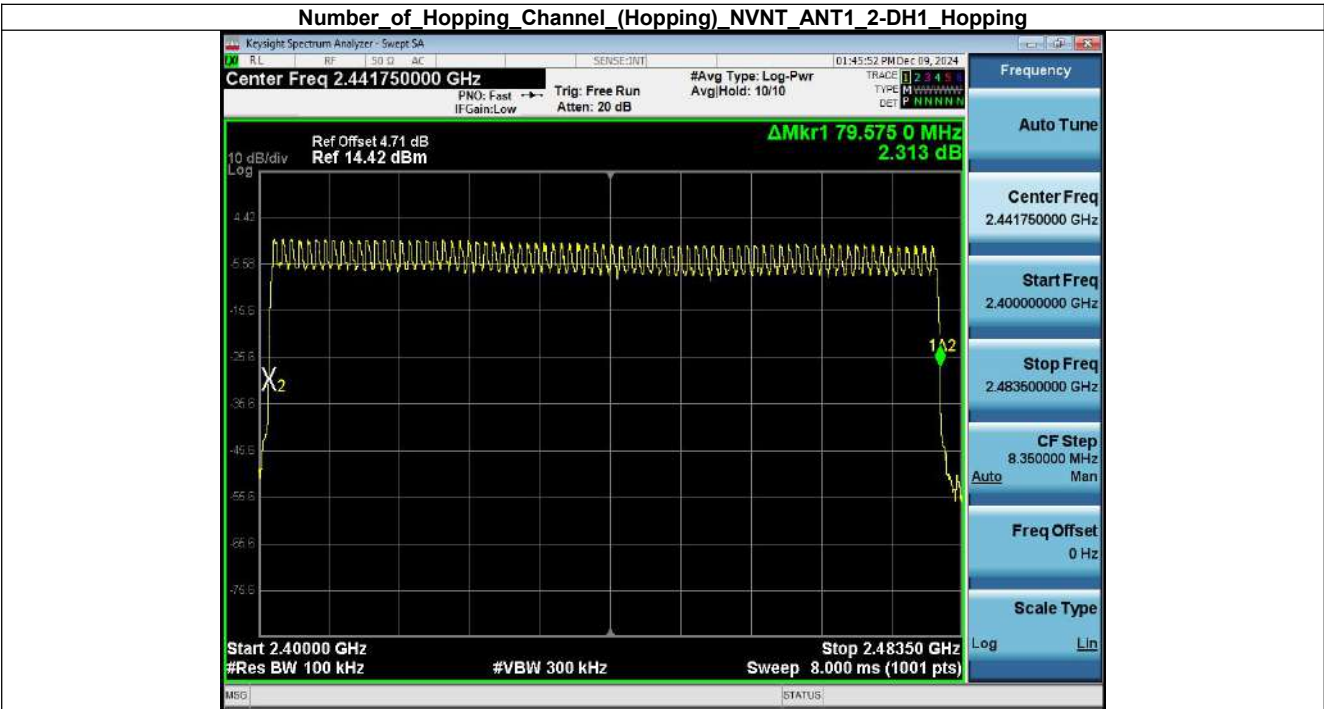
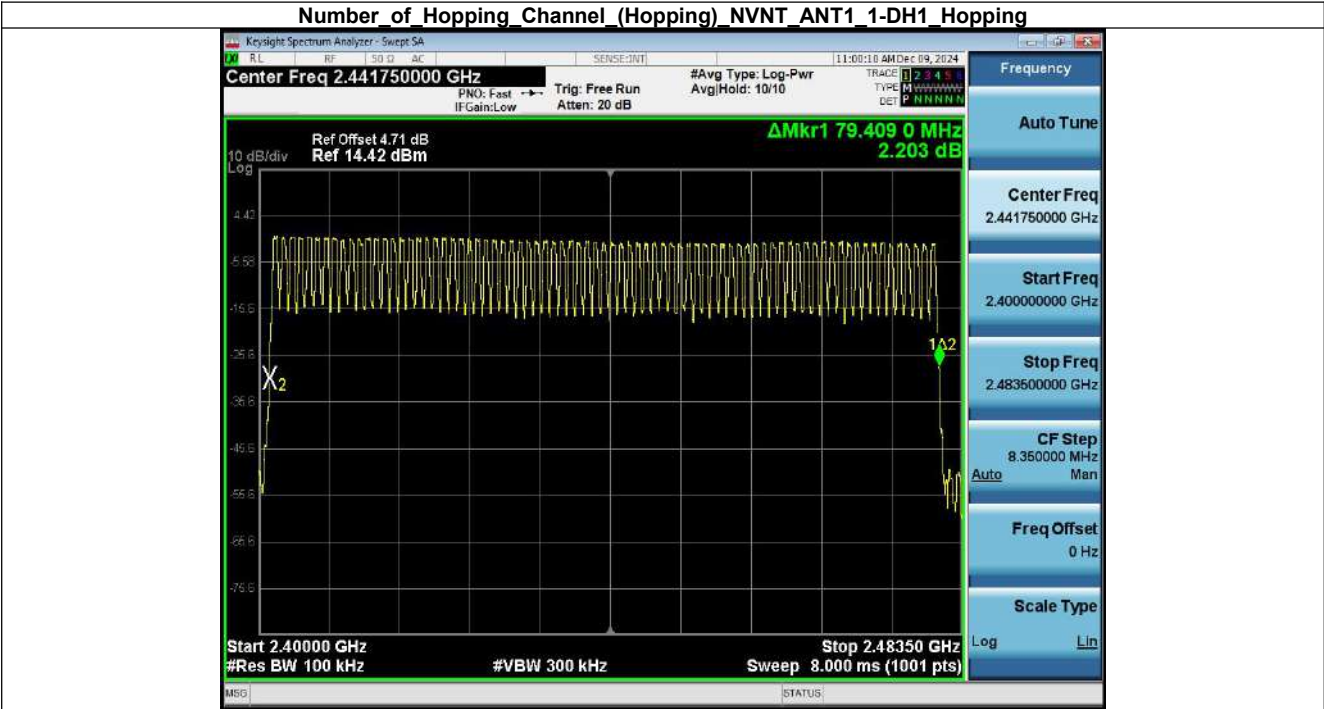


### Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

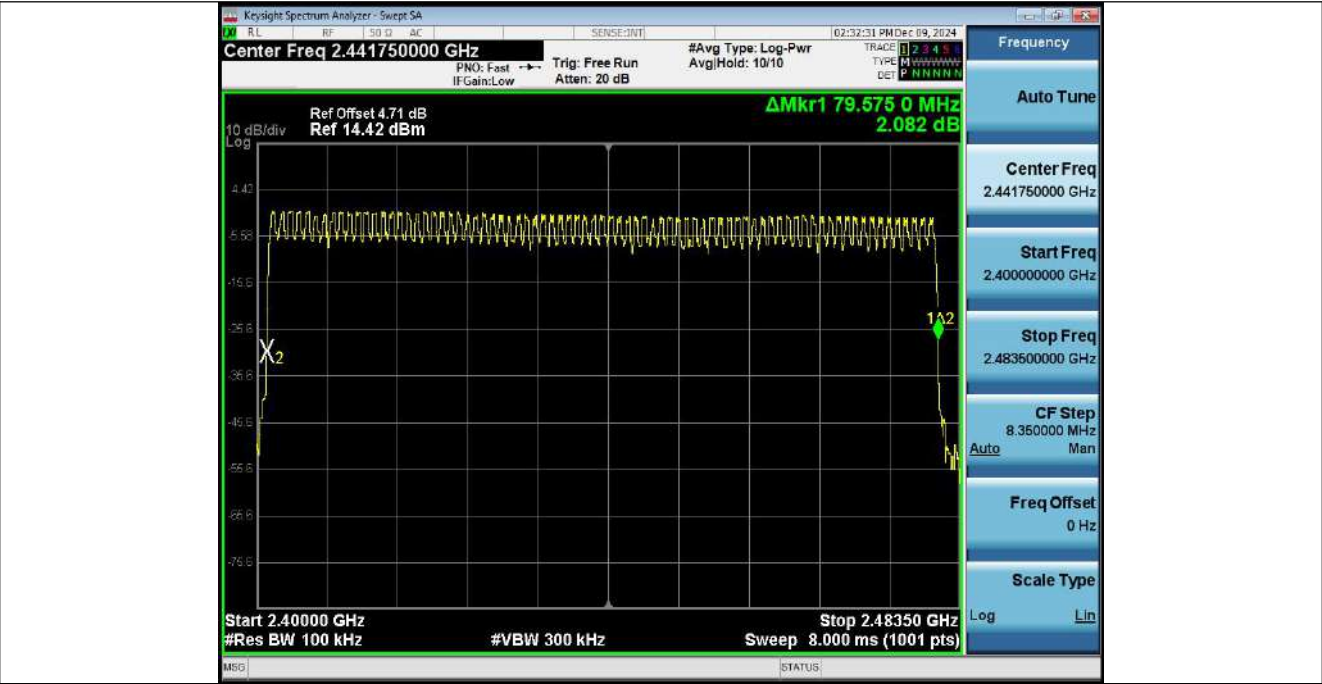


8. Number of Hopping Channel (Hopping)

| 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   |

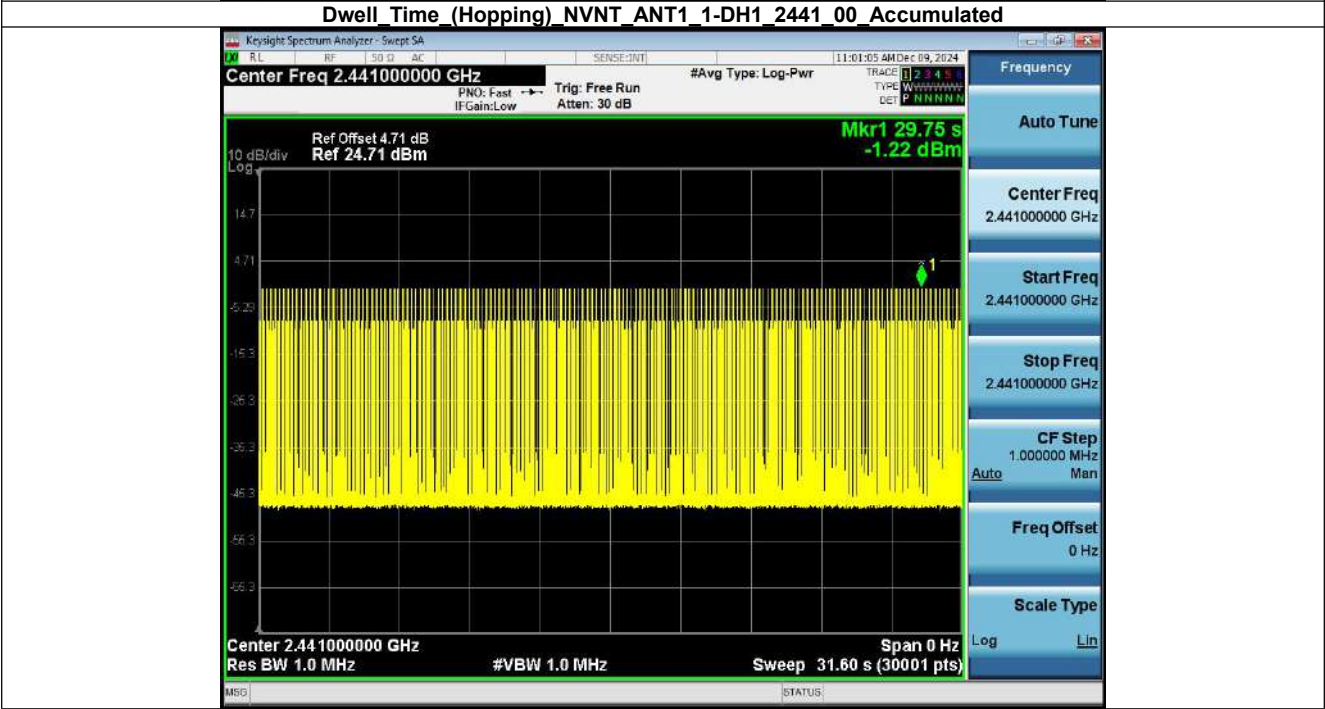
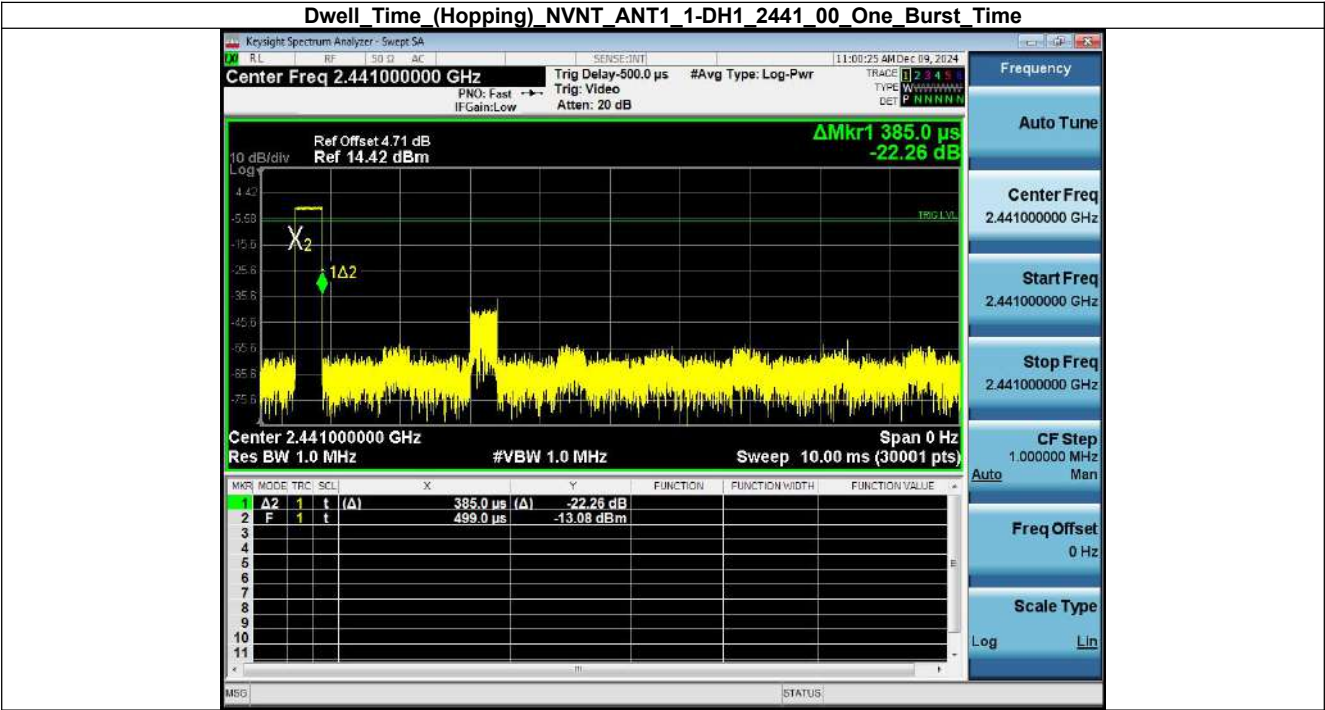


Number\_of\_Hopping\_Channel\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping

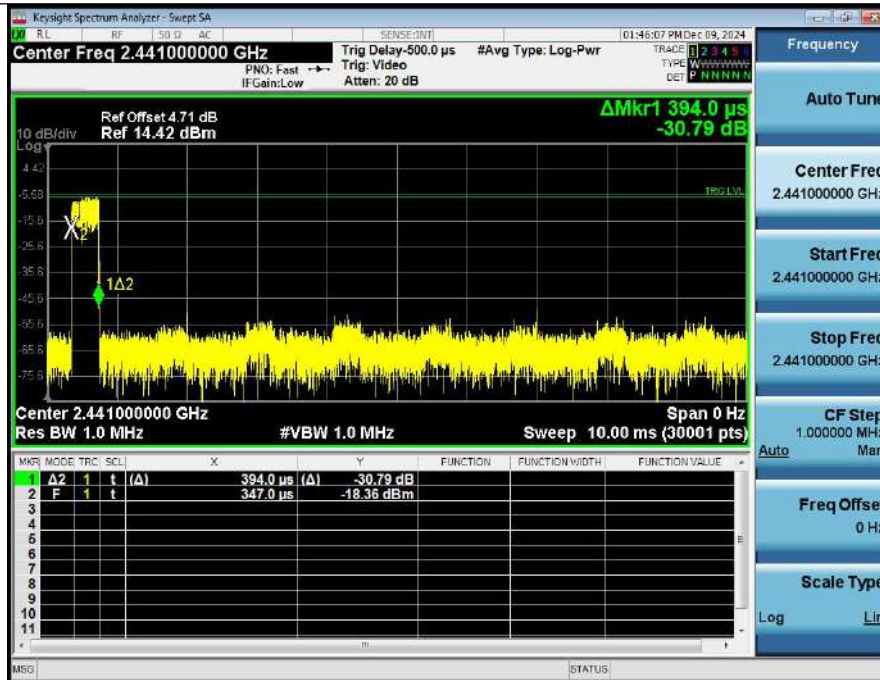


9. Dwell Time (Hopping)

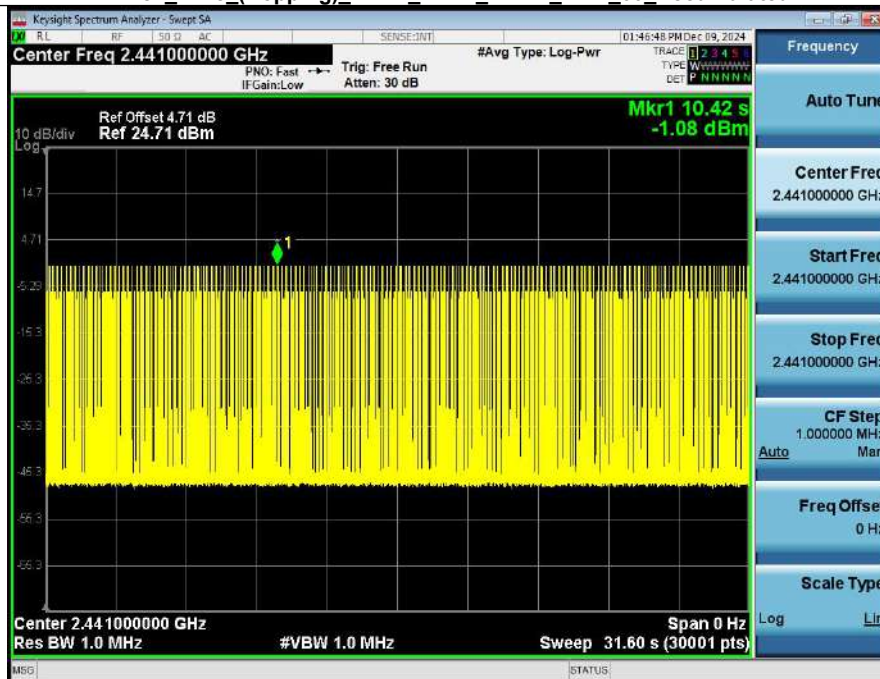
| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH1       | 0.385          | 317.00 | 122.045        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.394          | 320.00 | 126.080        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH1       | 0.393          | 320.00 | 125.760        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH5       | 1.641          | 162.00 | 265.842        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.639          | 167.00 | 273.713        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.887          | 116.00 | 334.892        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH3       | 1.644          | 170.00 | 279.480        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH5       | 2.895          | 103.00 | 298.185        | 0.40     | Pass   |



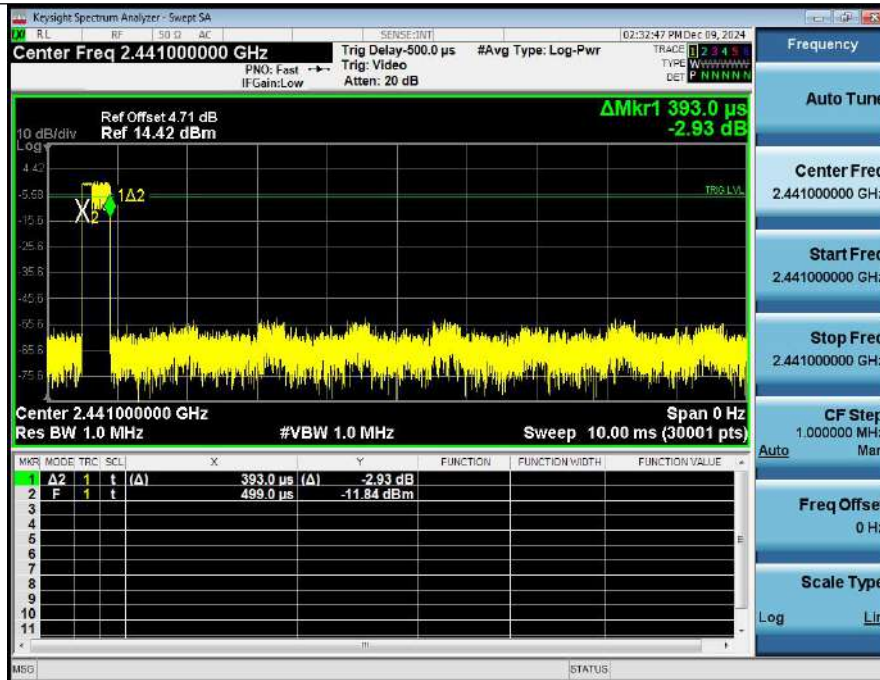
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



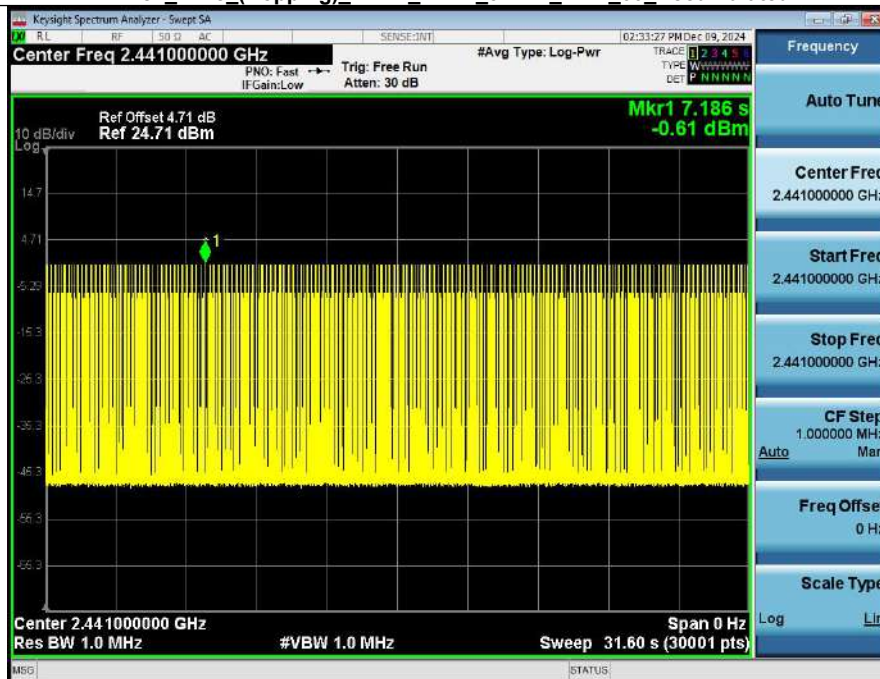
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_Accumulated



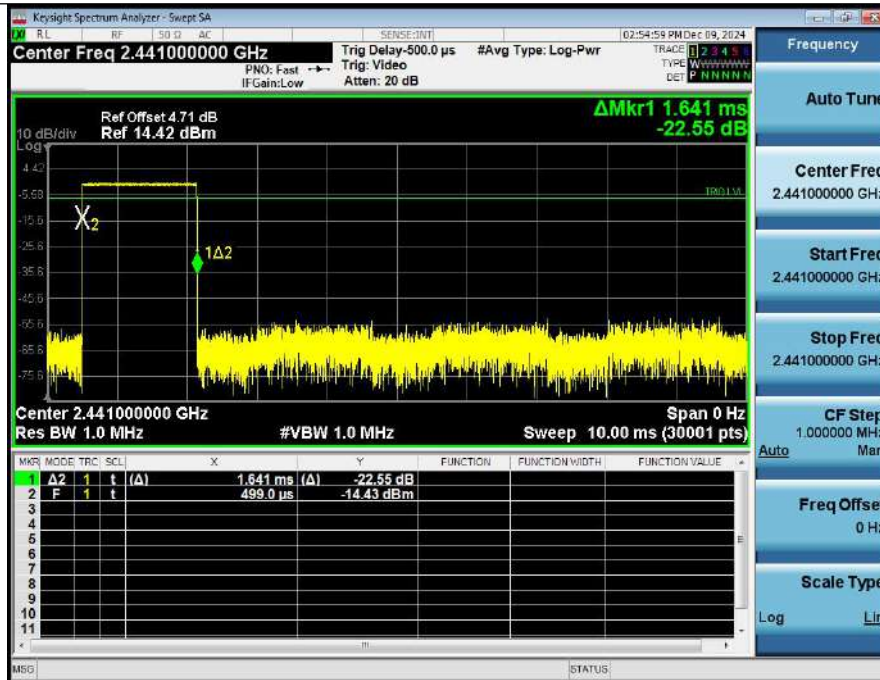
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_One Burst Time



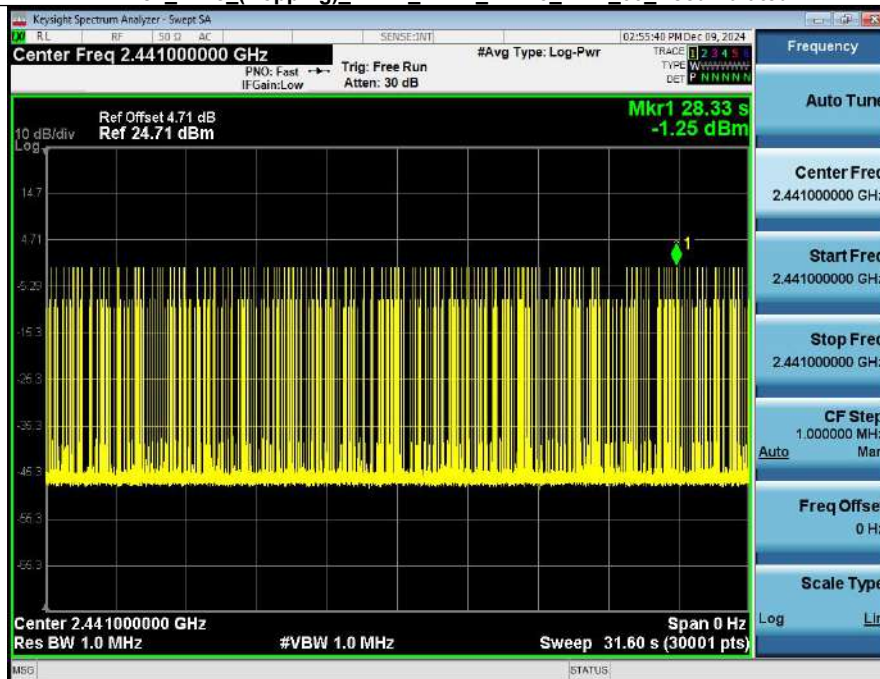
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_Accumulated



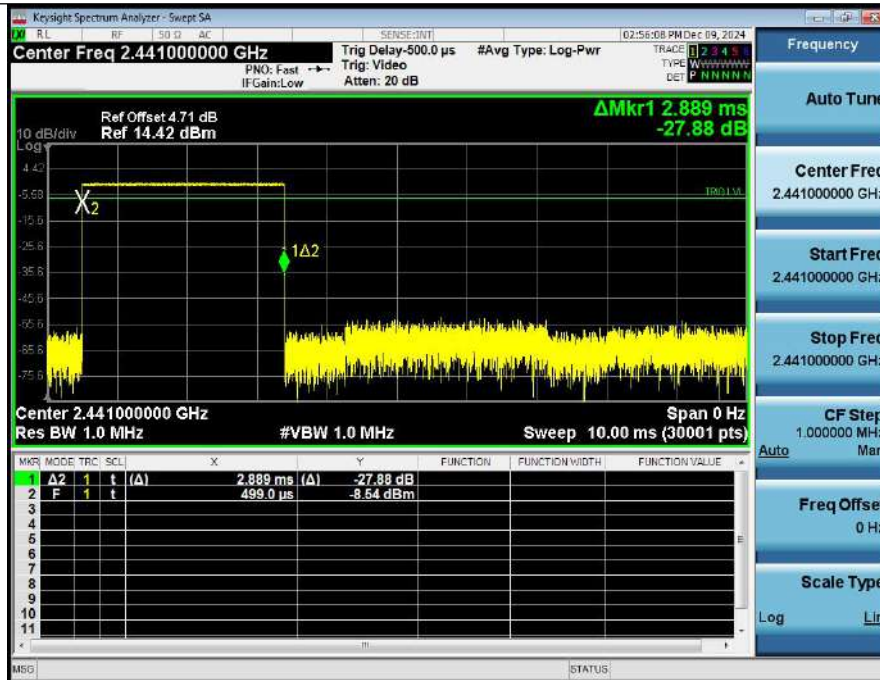
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_One Burst Time



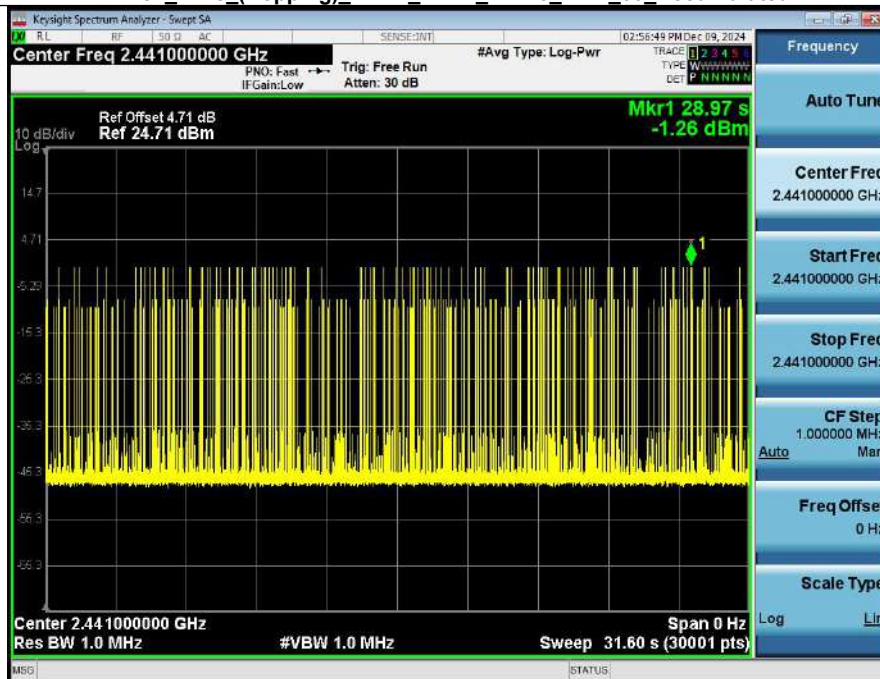
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_Accumulated



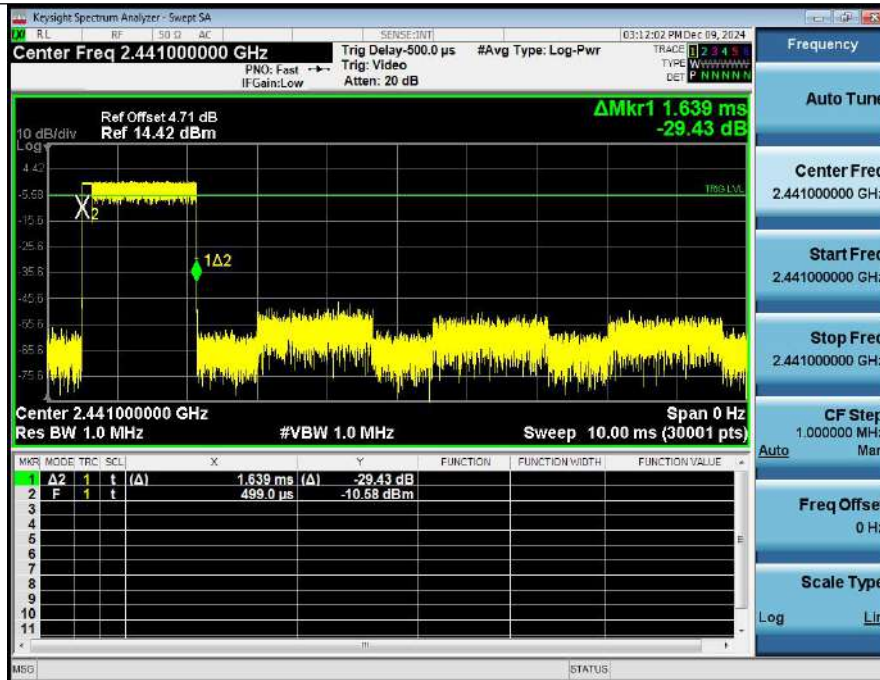
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_One Burst Time



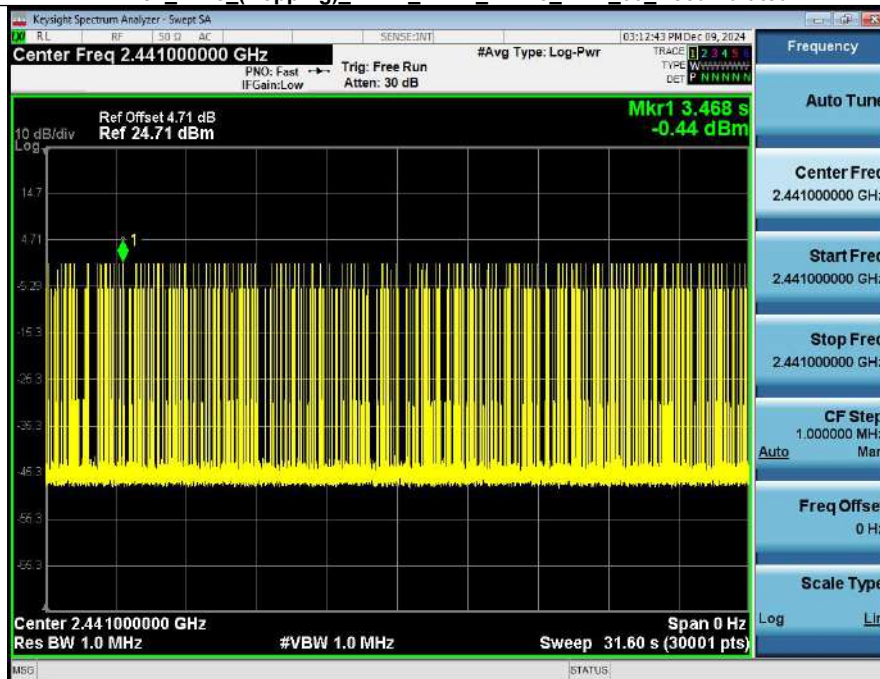
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_Accumulated



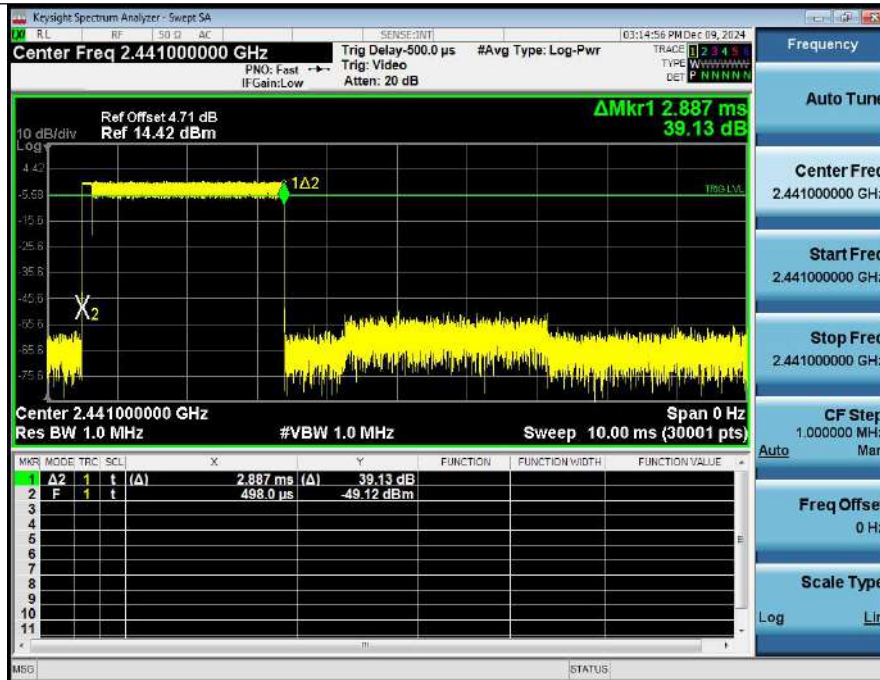
Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_One Burst Time



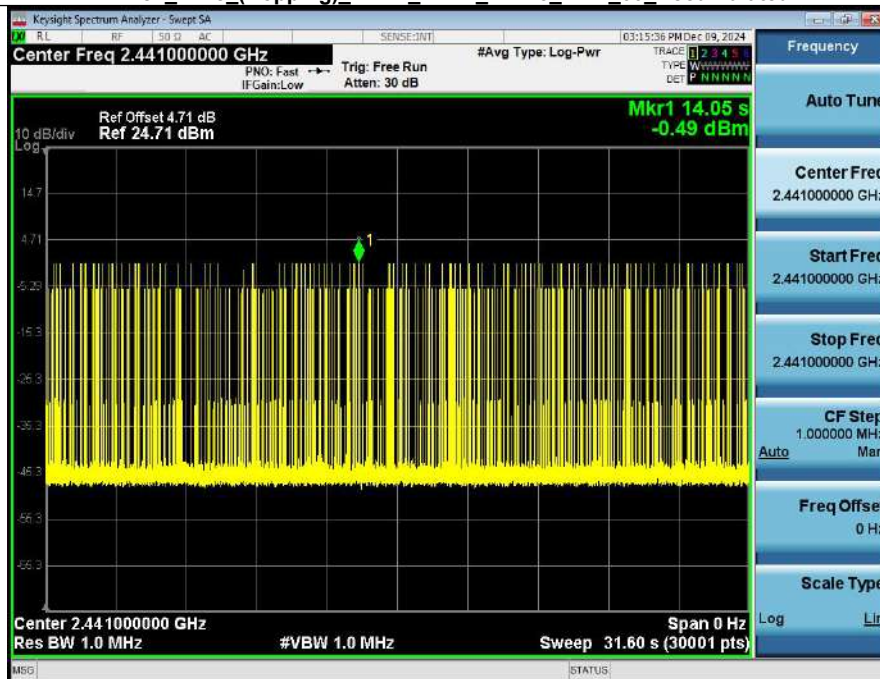
Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_Accumulated



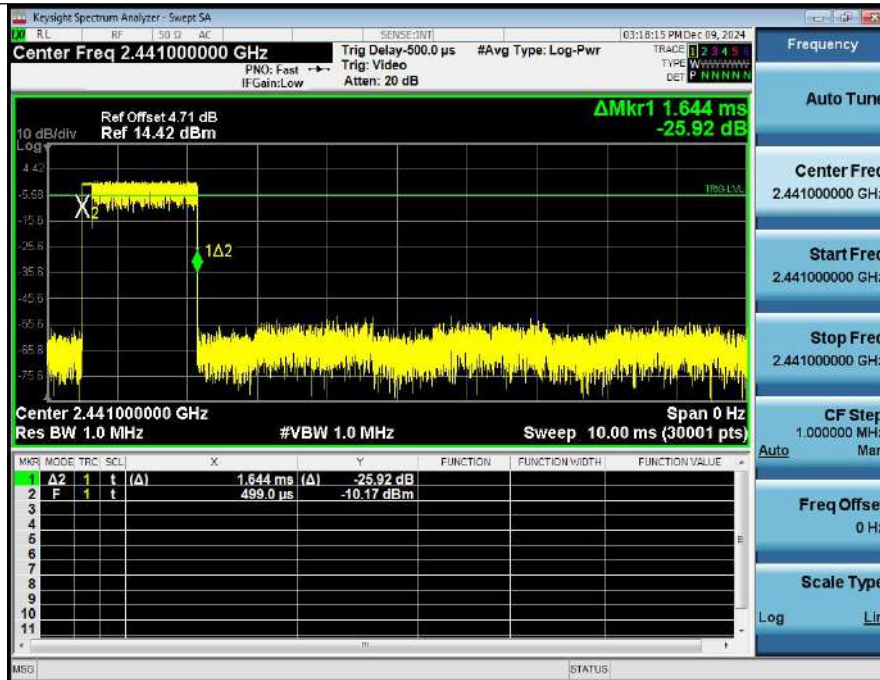
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_One Burst Time



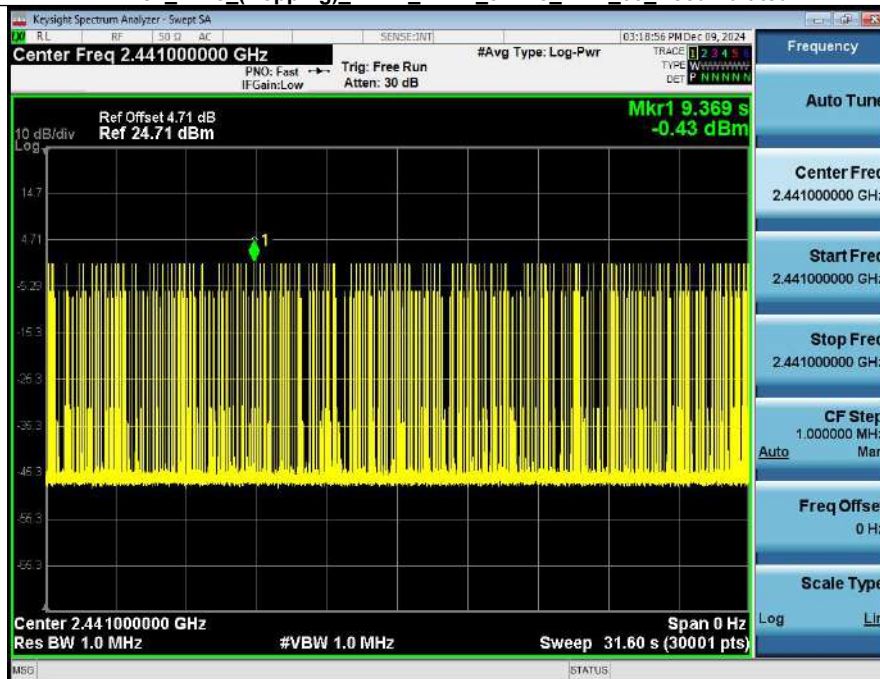
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_Accumulated



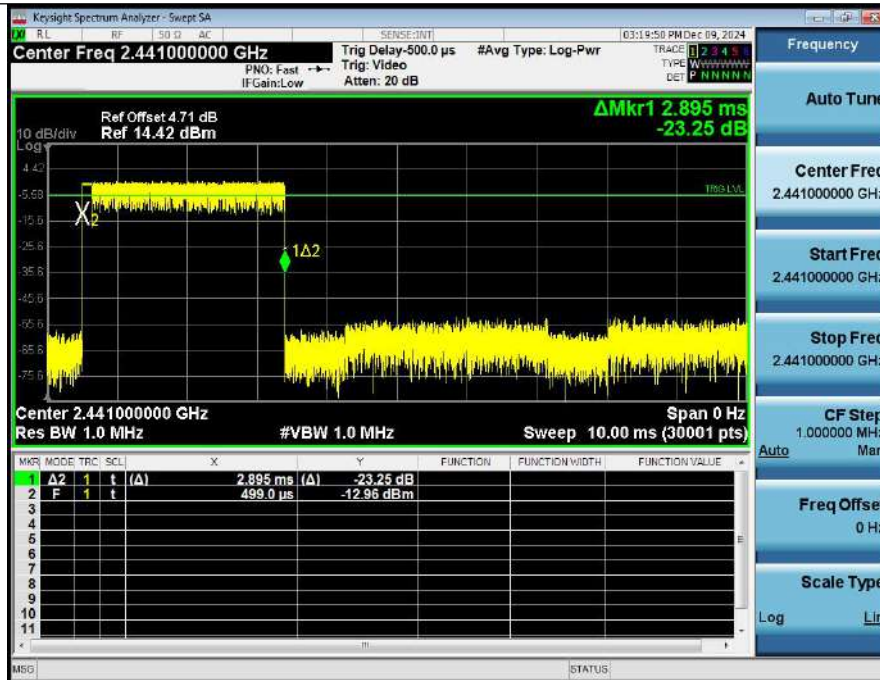
Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_One Burst Time



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

