



## FCC TEST REPORT

**FCC ID: 2BDLV-RSKUSU016**

On Behalf of

Valor Communication, Inc.

Salsa Portable Bluetooth Speaker

Model No.: RSKUSU016

Prepared for : Valor Communication, Inc.  
Address : Valor Communication 18071 Arenth Ave., City of Industry, CA 91748

Prepared By : Shenzhen PSI Testing Co., Ltd.  
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Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Report Number : psi2404137-C01-R01  
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Date of Test : May 8, 2024-May 15, 2024  
Date of Report : May 16, 2024  
Version Number : V0

## TABLE OF CONTENTS

| <u>Description</u>                                                | <u>Page</u> |
|-------------------------------------------------------------------|-------------|
| <b>1. Summary Of Standards And Results.....</b>                   | <b>6</b>    |
| 1.1. Description of Standards and Results .....                   | 6           |
| <b>2. General Information.....</b>                                | <b>7</b>    |
| 2.1. Description of Device (EUT).....                             | 7           |
| 2.2. Accessories of Device (EUT) .....                            | 8           |
| 2.3. Tested Supporting System Details .....                       | 8           |
| 2.4. Block Diagram of connection between EUT and simulators ..... | 8           |
| 2.5. Test Mode Description .....                                  | 8           |
| 2.6. Test Conditions .....                                        | 9           |
| 2.7. Test Facility.....                                           | 9           |
| 2.8. Measurement Uncertainty .....                                | 9           |
| 2.9. Test Equipment List .....                                    | 10          |
| <b>3. Maximum Peak Output Power .....</b>                         | <b>11</b>   |
| 3.1. Limit.....                                                   | 11          |
| 3.2. Test Procedure .....                                         | 11          |
| 3.3. Test Setup.....                                              | 11          |
| 3.4. Test Result.....                                             | 11          |
| <b>4. Bandwidth .....</b>                                         | <b>12</b>   |
| 4.1. Limit.....                                                   | 12          |
| 4.2. Test Procedure .....                                         | 12          |
| 4.3. Test Result.....                                             | 12          |
| <b>5. Carrier Frequency Separation .....</b>                      | <b>23</b>   |
| 5.1. Limit.....                                                   | 23          |
| 5.2. Test Procedure .....                                         | 23          |
| 5.3. Test Result.....                                             | 23          |
| <b>6. Number Of Hopping Channel .....</b>                         | <b>25</b>   |
| 6.1. Limit.....                                                   | 25          |
| 6.2. Test Procedure .....                                         | 25          |
| 6.3. Test Result.....                                             | 25          |
| <b>7. Dwell Time .....</b>                                        | <b>27</b>   |
| 7.1. Test limit.....                                              | 27          |
| 7.2. Test Procedure .....                                         | 27          |
| 7.3. Test Result.....                                             | 27          |
| <b>8. Out-of-band Emissions .....</b>                             | <b>37</b>   |
| 8.1. Test Limits.....                                             | 37          |
| 8.2. Test Procedure .....                                         | 37          |
| 8.3. Test Setup.....                                              | 37          |
| 8.4. Test Results .....                                           | 37          |
| <b>9. Radiated Emissions.....</b>                                 | <b>59</b>   |
| 9.1. Limit.....                                                   | 59          |

|                                                |           |
|------------------------------------------------|-----------|
| 9.2. Block Diagram of Test setup.....          | 60        |
| 9.3. Test Procedure .....                      | 61        |
| 9.4. Test Results .....                        | 61        |
| <b>10. Band Edge Test.....</b>                 | <b>69</b> |
| 10.1. Block Diagram of Test Setup .....        | 69        |
| 10.2. Test Limit .....                         | 69        |
| 10.3. Test Procedure .....                     | 69        |
| 10.4. Test Results .....                       | 70        |
| <b>11. Power Line Conducted Emissions.....</b> | <b>73</b> |
| 11.1. Block Diagram of Test Setup .....        | 73        |
| 11.2. Limit.....                               | 73        |
| 11.3. Test Procedure .....                     | 73        |
| 11.4. Test Results .....                       | 74        |
| <b>12. Antenna Requirements .....</b>          | <b>77</b> |
| 12.1. Limit.....                               | 77        |
| 12.2. Result .....                             | 77        |
| <b>13. Photos of test setup .....</b>          | <b>78</b> |
| <b>14. Photos of EUT .....</b>                 | <b>78</b> |

## TEST REPORT DECLARATION

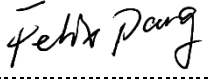
Applicant : Valor Communication, Inc.  
Address : Valor Communication 18071 Arenth Ave., City of Industry, CA 91748  
Manufacturer : Shen Zhen Mopoint Technology Co., LTD  
Address : 8202, Jiangzao Digital Industrial Park, NO.1195 Liuxian Boulevard, Pingshan  
Community, Taoyuan St., Nanshan District Shenzhen, Guangdong  
EUT Description : Salsa Portable Bluetooth Speaker  
(A) Model No. : RSKUSU016  
(B) Trademark : MYBAT PRO

Measurement Standard Used:

**FCC Rules and Regulations Part 15 Subpart C Section 15.247,  
ANSI C63.10-2013**

The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC Part15 requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature).....: Felix Pang  
Test Engineer 

Approved by (name + signature).....: Simple Guan  
Project Manager 

Date of issue.....: May 16, 2024

## Revision History

| Revision | Issue Date   | Revisions              | Revised By |
|----------|--------------|------------------------|------------|
| V0       | May 16, 2024 | Initial released Issue | Felix Pang |



## 1. Summary Of Standards And Results

### 1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

| Test Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Standards Paragraph                        | Result |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------|
| Maximum Peak Output Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FCC Part 15: 15.247(b)(1)                  | P      |
| Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FCC Part 15:15.247(a)(1)                   | P      |
| Carrier Frequency Separation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FCC Part 15: 15.247(a)(1)                  | P      |
| Number Of Hopping Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FCC Part 15: 15.247(a)(1)                  | P      |
| Dwell Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FCC Part 15: 15.247(a)(1)                  | P      |
| Radiated Spurious Emission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FCC Part 15: 15.209<br>FCC Part 15: 15.205 | P      |
| Out-of-band Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FCC Part 15: 15.247(d)                     | P      |
| Radiated Band Edge Emission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FCC Part 15: 15.247(d)                     | P      |
| Power Line Conducted Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FCC Part 15: 15.207                        | P      |
| Antenna requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FCC Part 15: 15.203                        | P      |
| <p>Note:</p> <ol style="list-style-type: none"> <li>1. P is an abbreviation for Pass.</li> <li>2. F is an abbreviation for Fail.</li> <li>3. N/A is an abbreviation for Not Applicable.</li> <li>4. Conclusion determination rules of this report: Unless there are clear provisions on measurement uncertainty in the standard or customer requirements, decision by actual test data without considering measurement uncertainty.</li> <li>5. Measurement method usage KDB 558074 D01 15.247 Meas Guidance v05r02.</li> </ol> |                                            |        |

## 2. General Information

### 2.1. Description of Device (EUT)

Description/PMN : Salsa Portable Bluetooth Speaker

Model : RSKUSU016

Number/HVIN(s)

Diff. : N/A

Test Voltage : DC 3.7V from battery, DC 5V from USB

Radio Technology : Bluetooth V5.3 EDR

Operation frequency : 2402MHz-2480MHz

Modulation : GFSK,  $\pi/4$ -DQPSK, 8DPSK

Channel No. : 79 Channels

Channel Separation : 1MHz

Antenna Type : Internal antenna, Maximum Gain is -0.68dBi.

Software version : V1.0

Hardware version : V1.0

Intend use environment : Residential, commercial and light industrial environment

Note : Antenna information is provided by applicant.  
Testing lab is not responsible for the accuracy of the information.

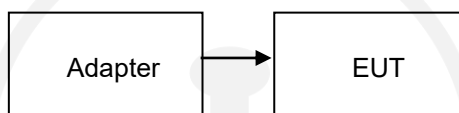
## 2.2. Accessories of Device (EUT)

|              |       |
|--------------|-------|
| Accessories  | : N/A |
| Manufacturer | : N/A |
| Model        | : N/A |
| Input        | : N/A |
| Output       | : N/A |

## 2.3. Tested Supporting System Details

| No. | Description | Manufacturer | Model      | Serial Number |
|-----|-------------|--------------|------------|---------------|
| 1   | Adapter     | Keyulong     | KE020A-PCD | /             |

## 2.4. Block Diagram of connection between EUT and simulators



## 2.5. Test Mode Description

The test software used to control EUT work in Continuous TX mode, and select test channel, wireless mode

| Tested mode, channel, and data rate information |             |                 |
|-------------------------------------------------|-------------|-----------------|
| Mode                                            | Channel     | Frequency (MHz) |
| GFSK / Pi/4-DQPSK/8DPSK<br>Carrier Tx Mode      | CH0         | 2402            |
|                                                 | CH39        | 2441            |
|                                                 | CH78        | 2480            |
| GFSK / Pi/4-DQPSK/8DPSK<br>hopping on Tx Mode   | CH0 to CH78 | 2402 to 2480    |
| GFSK / Pi/4-DQPSK/8DPSK<br>hopping off Tx Mode  | CH0         | 2402            |
|                                                 | CH39        | 2441            |
|                                                 | CH78        | 2480            |



## 2.6. Test Conditions

| Items              | Required  | Actual |
|--------------------|-----------|--------|
| Temperature range: | 15-35°C   | 25°C   |
| Humidity range:    | 25-75%    | 56%    |
| Pressure range:    | 86-106kPa | 98kPa  |

## 2.7. Test Facility

Shenzhen PSI Testing Co., Ltd.

1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

September 13, 2023 File on Federal Communication Commission

Registration Number: 916281

## 2.8. Measurement Uncertainty

(95% confidence levels, k=2)

| Item                                                                      | Uncertainty          |
|---------------------------------------------------------------------------|----------------------|
| Uncertainty for Power point Conducted Emissions Test                      | 2.17dB               |
| Uncertainty for Radiation Emission test in 3m chamber<br>(below 30MHz)    | 3.5dB                |
| Uncertainty for Radiation Emission test in 3m chamber<br>(30MHz to 1GHz)  | 2.74dB(Polarize: V)  |
|                                                                           | 2.76dB(Polarize: H)  |
| Uncertainty for Radiation Emission test in 3m chamber<br>(1GHz to 18GHz)  | 4.29dB(Polarize: V)  |
|                                                                           | 4.82dB(Polarize: H)  |
| Uncertainty for Radiation Emission test in 3m chamber<br>(18GHz to 40GHz) | 4.31 dB(Polarize: V) |
|                                                                           | 4.30 dB(Polarize: H) |
| Uncertainty for radio frequency                                           | 48.24KHz             |
| Uncertainty for conducted RF Power                                        | 0.41dB               |

## 2.9. Test Equipment List

| Item | Equipment              | Manufacturer  | Model No.        | Serial No.              | Firmware Version | Last Cal.  | Cal. Interval |
|------|------------------------|---------------|------------------|-------------------------|------------------|------------|---------------|
| 1.   | 9*6*6 anechoic chamber | SKET          | 9*6*6            | N/A                     | /                | 2022.12.20 | 3 Year        |
| 2.   | Test Receiver          | Rohde&Schwarz | ESCI 7           | 101032/003              | 4.42 SP3         | 2023.12.19 | 1 Year        |
| 3.   | L.I.S.N.#1             | Rohde&Schwarz | ENV216           | 102282                  | /                | 2023.12.19 | 1 Year        |
| 4.   | L.I.S.N.#2             | RFT           | NNB111           | 13835240                | /                | 2023.12.19 | 1 Year        |
| 5.   | Loop Antenna           | Schwarz beck  | FMZB 1519B       | 00128                   | /                | 2023.04.03 | 2 Year        |
| 6.   | Bilog Antenna          | Schwarz beck  | VULB 9168        | 01448                   | /                | 2022.12.26 | 2 Year        |
| 7.   | Spectrum Analyzer      | Rohde&Schwarz | FSV-40N          | 101648                  | 3.70             | 2023.12.19 | 1 Year        |
| 8.   | Horn Antenna           | Schwarz beck  | BBHA 9120 D      | 02706                   | /                | 2022.12.26 | 2 Year        |
| 9.   | Amplifier              | SKET          | LAPA_01G18G-45dB | SK2022032901            | /                | 2023.12.19 | 1 Year        |
| 10.  | Horn Antenna           | Schwarz beck  | BBHA 9170        | 00946                   | /                | 2022.12.25 | 2 Year        |
| 11.  | Amplifier              | SKET          | LNPA_0118G-45    | SK2020010801            | /                | 2023.12.19 | 1 Year        |
| 12.  | RF Power Probe         | Rohde&Schwarz | NRP-Z11          | 1138.3004.02-1111533-Fz | /                | 2023.12.19 | 1 Year        |
| 13.  | RF Sensor Unit         | Tachoy        | TR1029-2         | 20220428P008            | /                | 2023.12.19 | 1 Year        |

## For Test Software Information

| Item | Software Name | Manufacturer | Version |
|------|---------------|--------------|---------|
| RE   | EZ_EMC        | Farad        | PSI-3A1 |
| CE   | EZ_EMC        | Farad        | PSI-3A1 |
| RF   | RTS           | TACHOY       | V1.0.0  |

### 3. Maximum Peak Output Power

#### 3.1. Limit

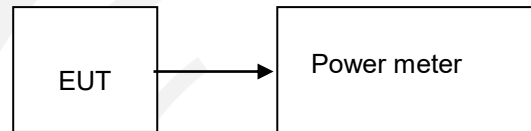
Please refer FCC part 15.247 & RSS-247.

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts, the e.i.r.p shall not exceed 4W

#### 3.2. Test Procedure

The transmitter output is connected to the RF Power meter. The Power meter is set to the peak power detection.

#### 3.3. Test Setup



#### 3.4. Test Result

| Condition | Antenna | Modulation | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|------------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 4.75                      | 2.99                     | 1000      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 3.73                      | 2.36                     | 1000      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 3.23                      | 2.10                     | 1000      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 3.59                      | 2.29                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 2.69                      | 1.86                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | <b>5.73</b>               | <b>3.74</b>              | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 3.43                      | 2.20                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 5.63                      | 3.66                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 5.67                      | 3.69                     | 125       | Pass   |

## 4. Bandwidth

### 4.1. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in RSS-GEN, FCC Section 15.247(a)(1), must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

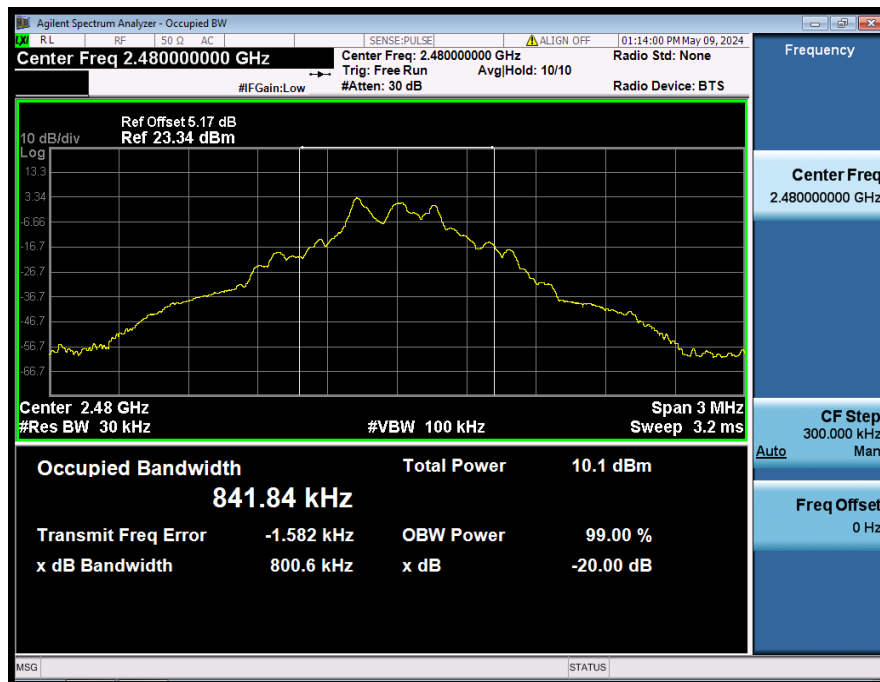
### 4.2. Test Procedure

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 30kHz RBW and 100kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

### 4.3. Test Result

| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.801         | No                 |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.800         | No                 |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.801         | No                 |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.113         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.112         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.115         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.170         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.170         | Yes                |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.168         | Yes                |

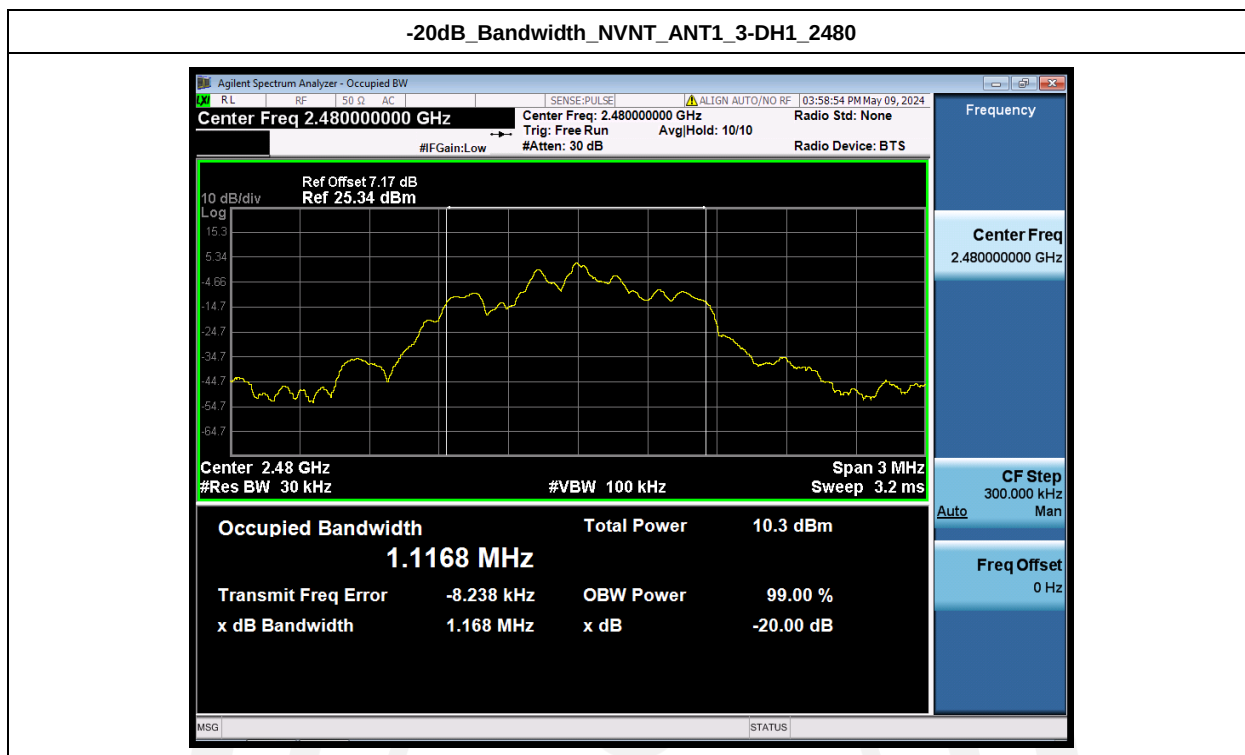
**-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2402****-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2441**

**-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480****-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2402**

**-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2441****-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2480**

**-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2402****-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2441**





| Condition | Antenna | Modulation | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|------------|-----------------|--------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.835        |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.835        |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.843        |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.072        |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.074        |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.074        |
| NVNT      | ANT1    | 3-DH1      | 2402.00         | 1.118        |
| NVNT      | ANT1    | 3-DH1      | 2441.00         | 1.117        |
| NVNT      | ANT1    | 3-DH1      | 2480.00         | 1.117        |

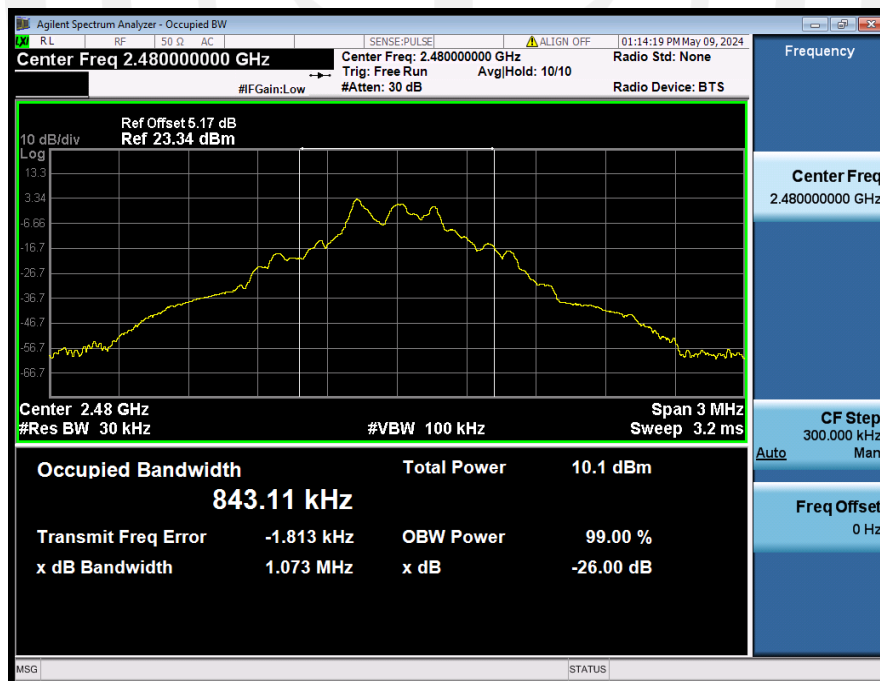
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2402



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2441



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2402



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2441



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2480



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2402



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2441



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2480



## 5. Carrier Frequency Separation

### 5.1. Limit

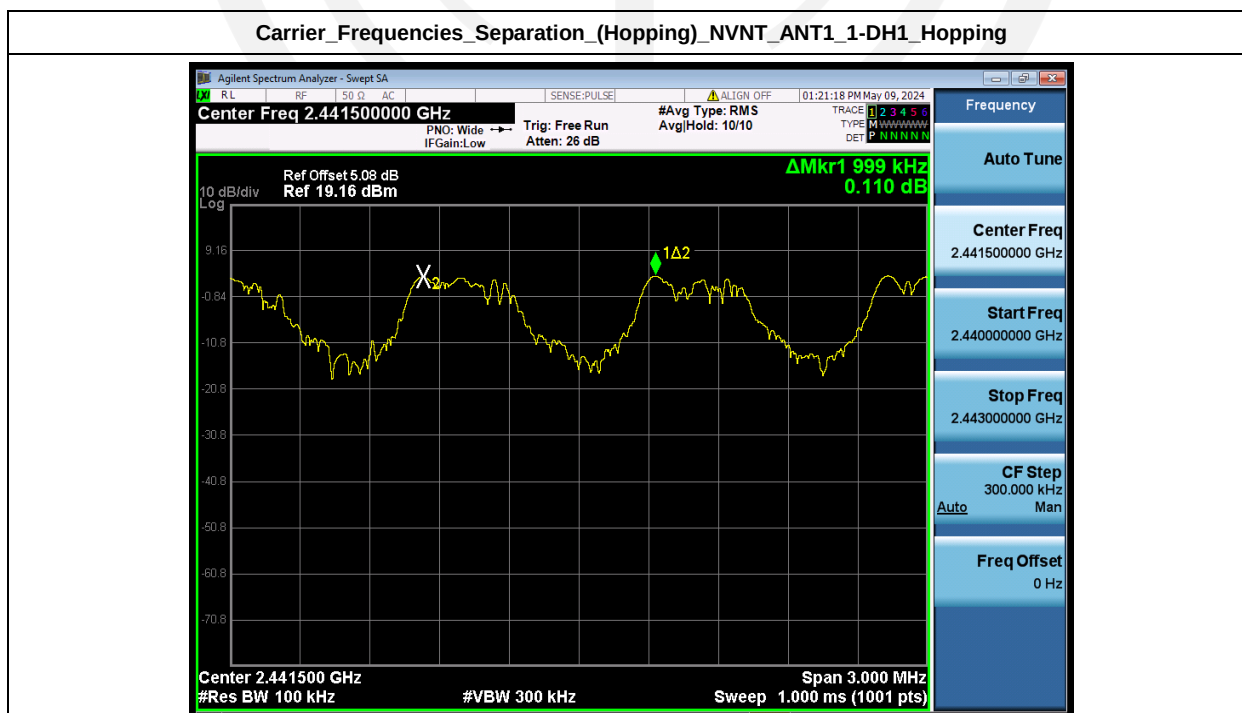
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW

### 5.2. Test Procedure

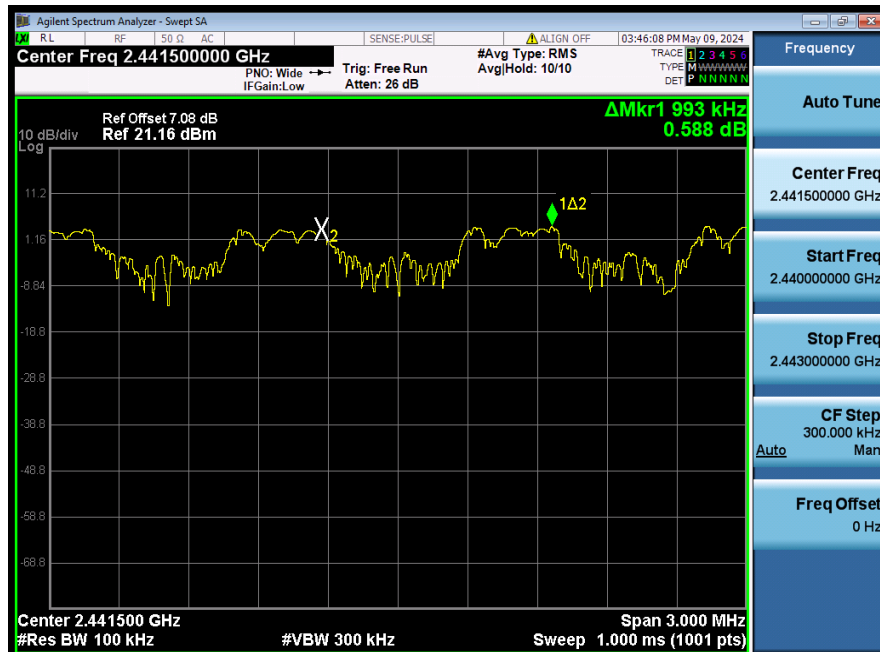
The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The carrier frequency was measured by spectrum analyzer with 100kHz RBW and 300kHz VBW.

### 5.3. Test Result

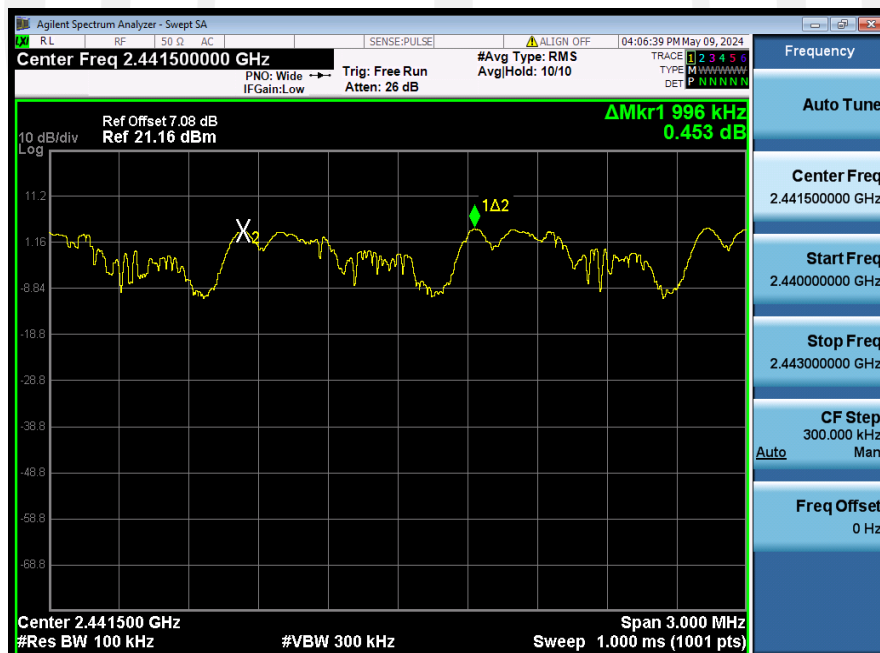
| Condition | Antenna | Modulation | Frequency(MHz) | Hopping NO.0 (MHz) | Hopping NO.1 (MHz) | Carrier Frequencies Separation(MHz) | Limit(MHz) | Result |
|-----------|---------|------------|----------------|--------------------|--------------------|-------------------------------------|------------|--------|
| NVNT      | ANT1    | 1-DH1      | 2441.00        | 2440.831           | 2441.830           | 1.00                                | 0.800      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00        | 2441.170           | 2442.163           | 0.99                                | 0.741      | Pass   |
| NVNT      | ANT1    | 3-DH1      | 2441.00        | 2440.834           | 2441.830           | 1.00                                | 0.780      | Pass   |



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



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





## 6. Number Of Hopping Channel

### 6.1. Limit

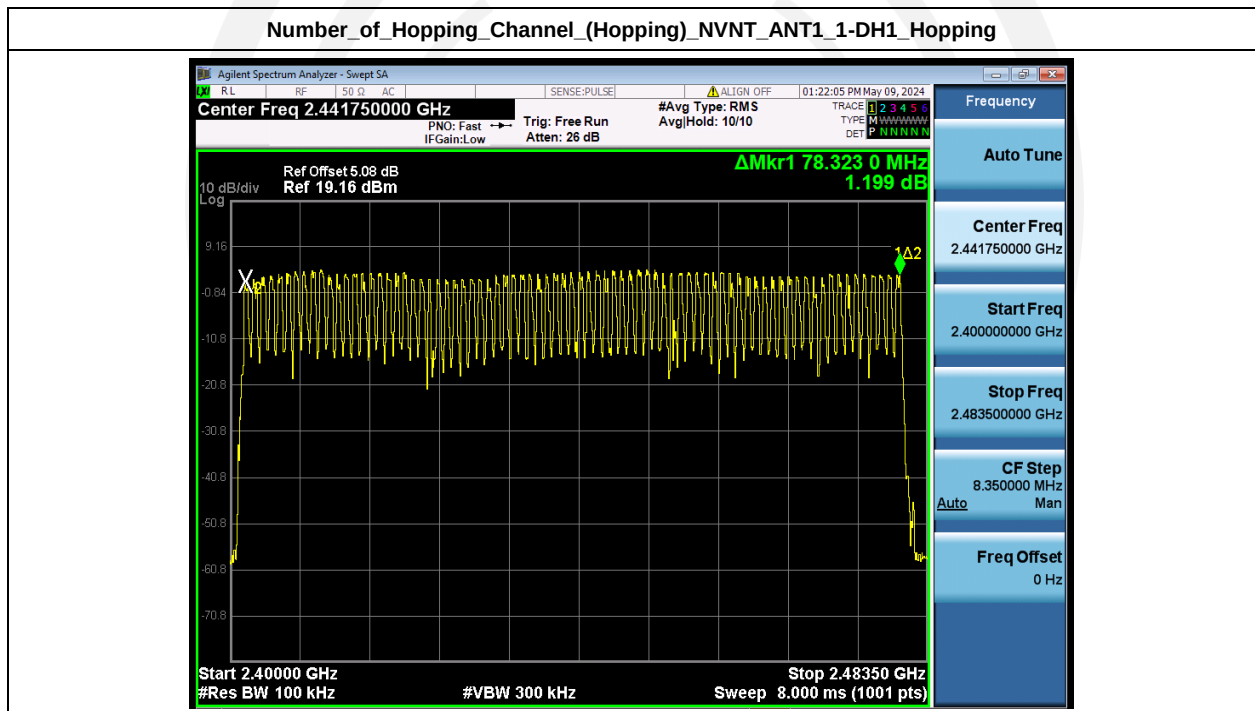
Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

### 6.2. Test Procedure

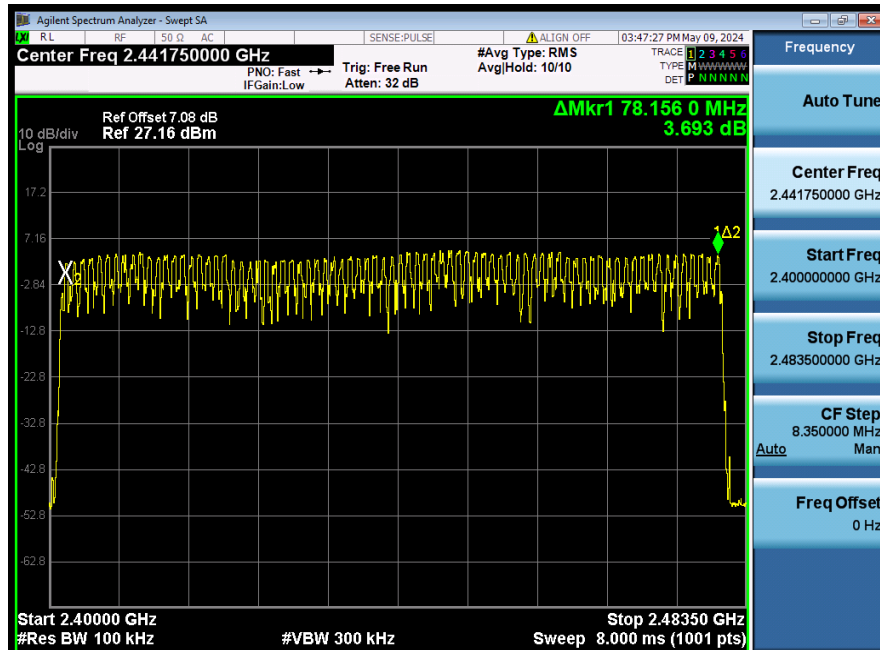
The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The number of hopping channel was measured by spectrum analyzer with 100kHz RBW and 300KHz VBW.

### 6.3. Test Result

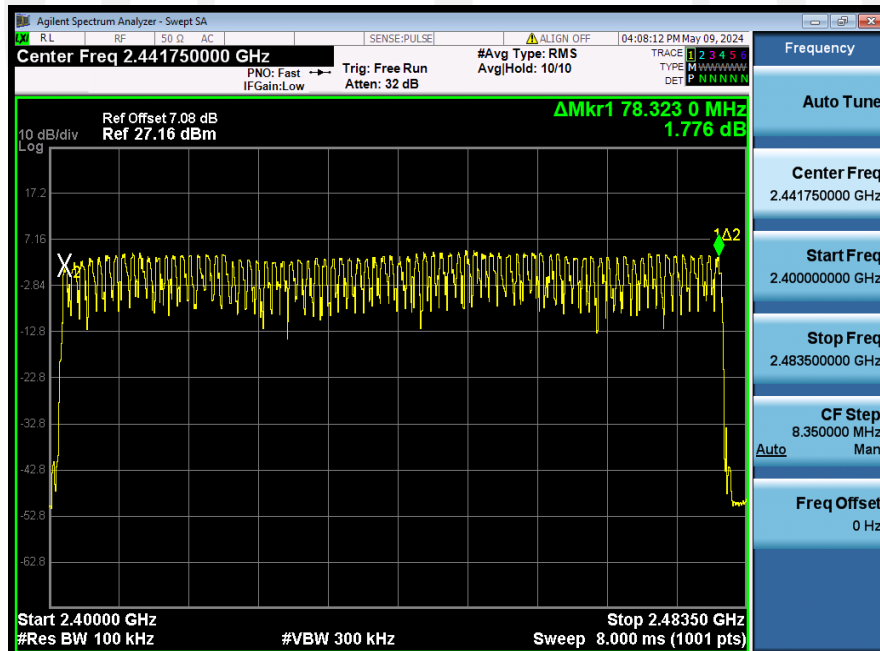
| Condition | Antenna | Modulation | Hopping Num | Limit | Result |
|-----------|---------|------------|-------------|-------|--------|
| NVNT      | ANT1    | 1-DH1      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 2-DH1      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 3-DH1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



## Number\_of\_Hopping\_Channel\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



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



## 7. Dwell Time

### 7.1. Test limit

Please refer FCC part 15.247 & RSS-247.

Frequency hopping systems operating in the 2400MHz-2483.5 MHz. The average time of occupancy on any frequency shall not greater than 0.4 s within period of 0.4 seconds multiplied by the number of hopping channel employed.

### 7.2. Test Procedure

7.2.1. Place the EUT on the table and set it in transmitting mode.

7.2.2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

7.2.3. Set center frequency of spectrum analyzer = operating frequency.

7.2.4. Set the spectrum analyzer as RBW, VBW=1MHz, Span = 0Hz, Sweep = auto.

7.2.5. Repeat above procedures until all frequency measured were complete.

### 7.3. Test Result

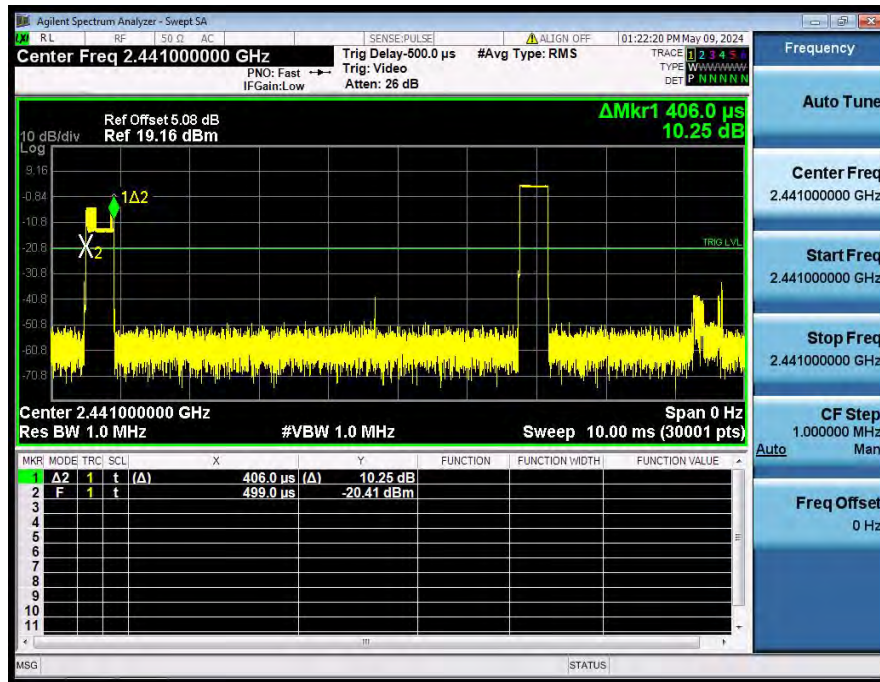
Note:

1. The test period:  $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

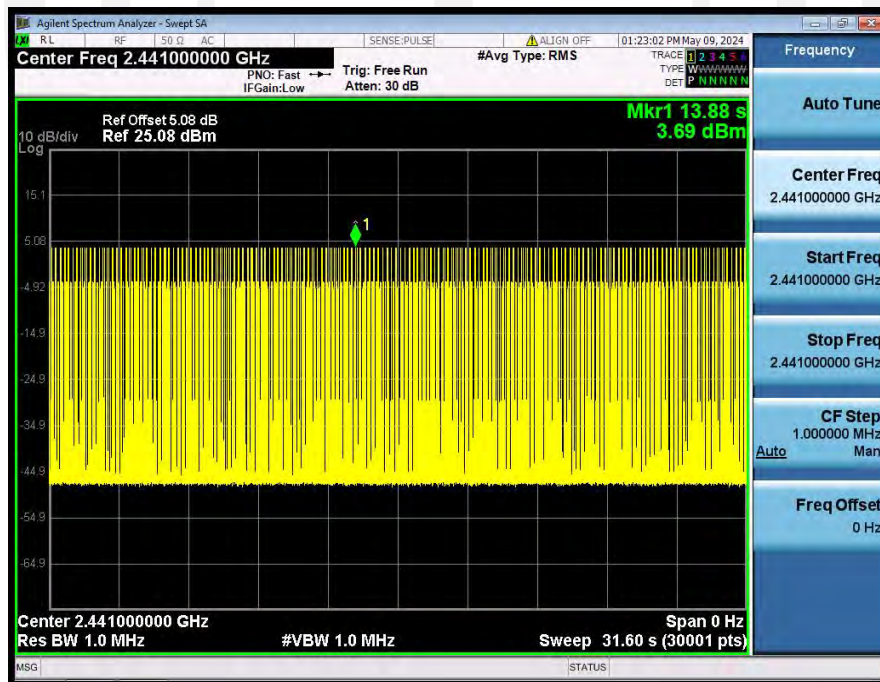
2. Dwell Time = Pulse Time \* Hops Number

| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH1       | 0.406          | 320.00 | 129.920        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.407          | 320.00 | 130.240        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH1       | 0.407          | 318.00 | 129.426        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH3       | 1.663          | 155.00 | 257.765        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH5       | 2.911          | 97.00  | 282.367        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.663          | 161.00 | 267.743        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.911          | 128.00 | 372.608        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH3       | 1.663          | 168.00 | 279.384        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH5       | 2.911          | 105.00 | 305.655        | 0.40     | Pass   |

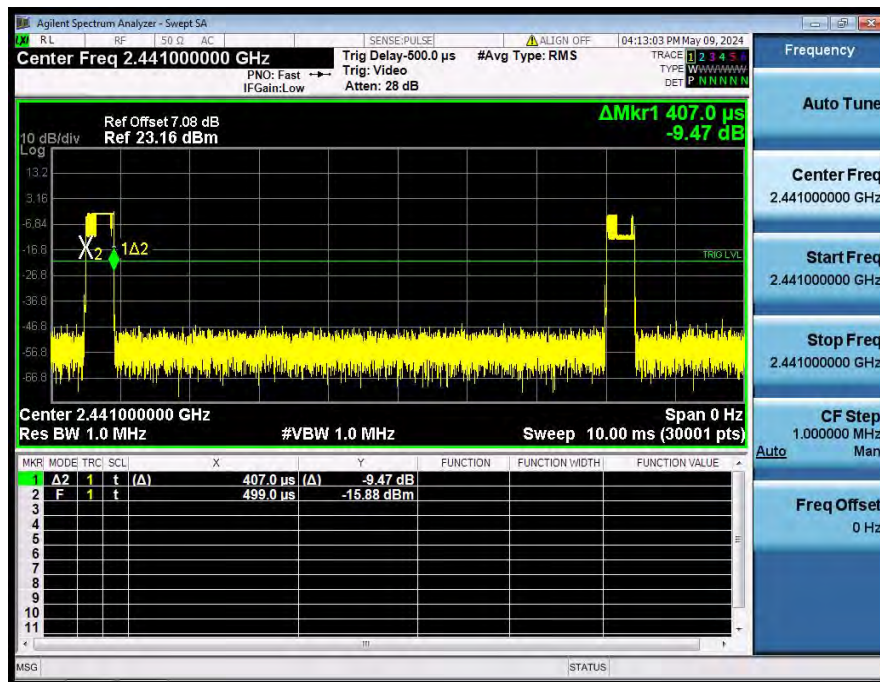
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH1\_2441\_One\_Burst\_Time



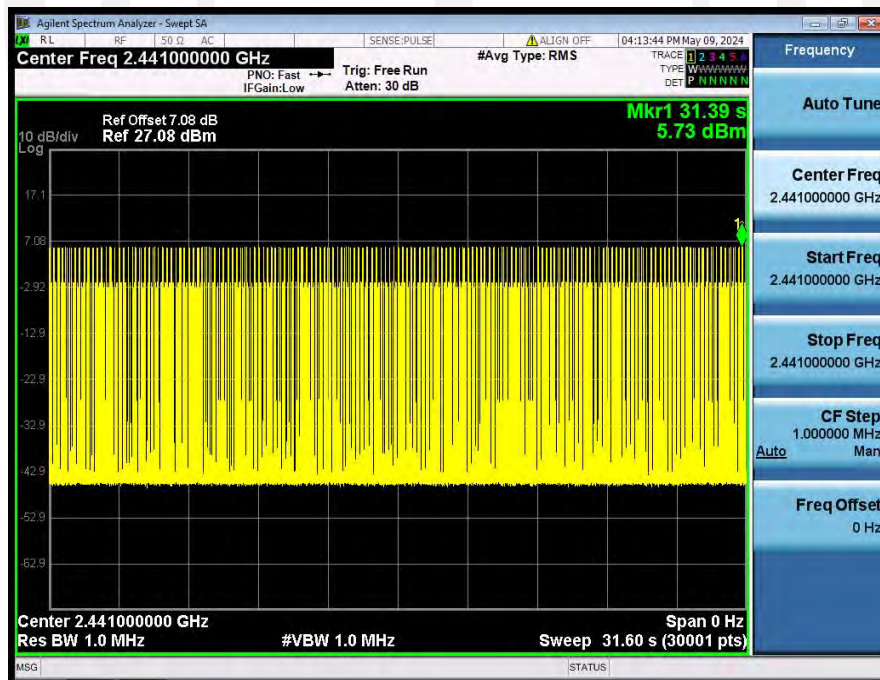
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH1\_2441\_Accumulated



## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH1\_2441\_One\_Burst\_Time

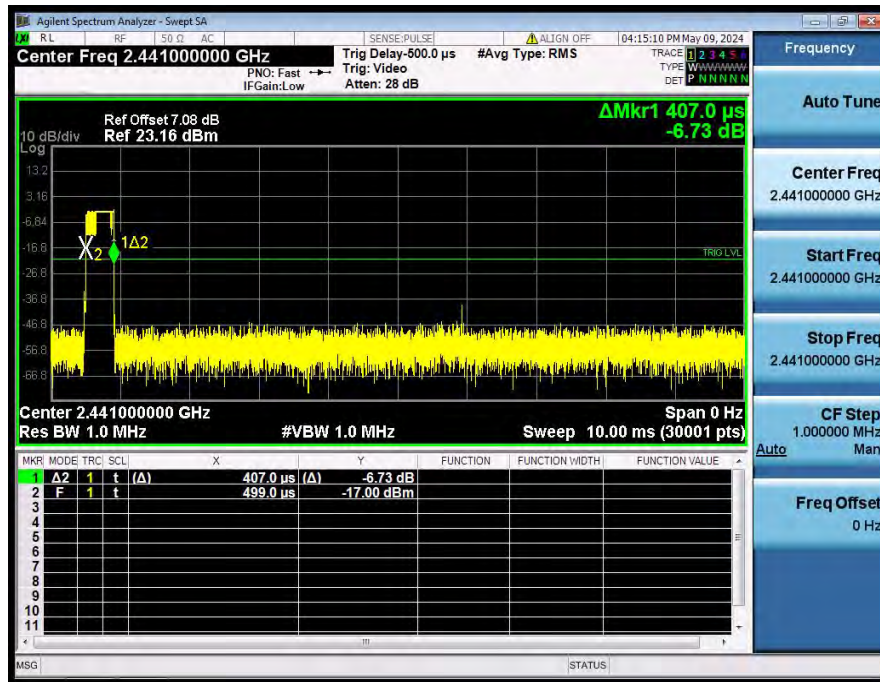


## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH1\_2441\_Accumulated

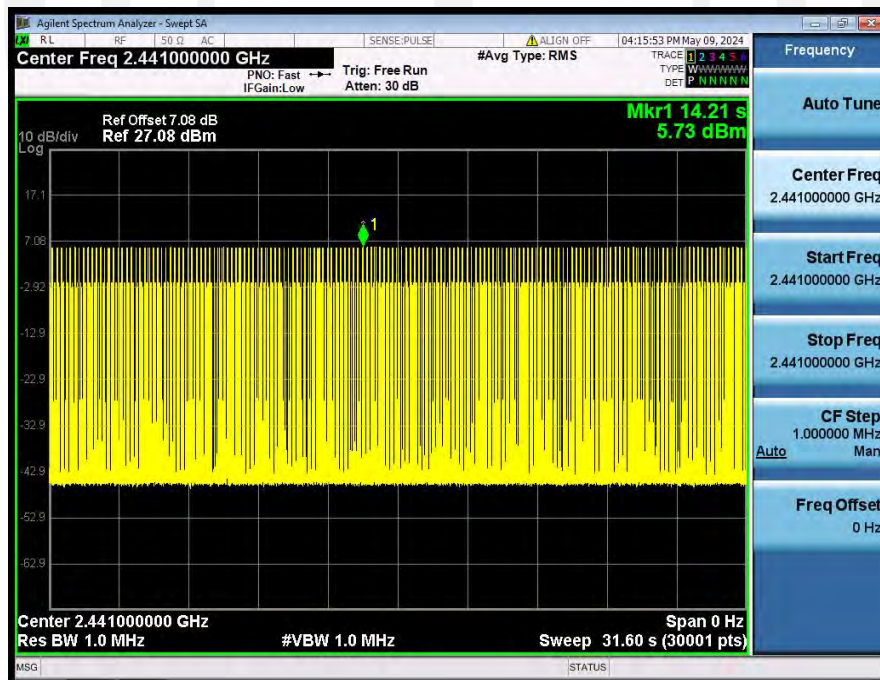




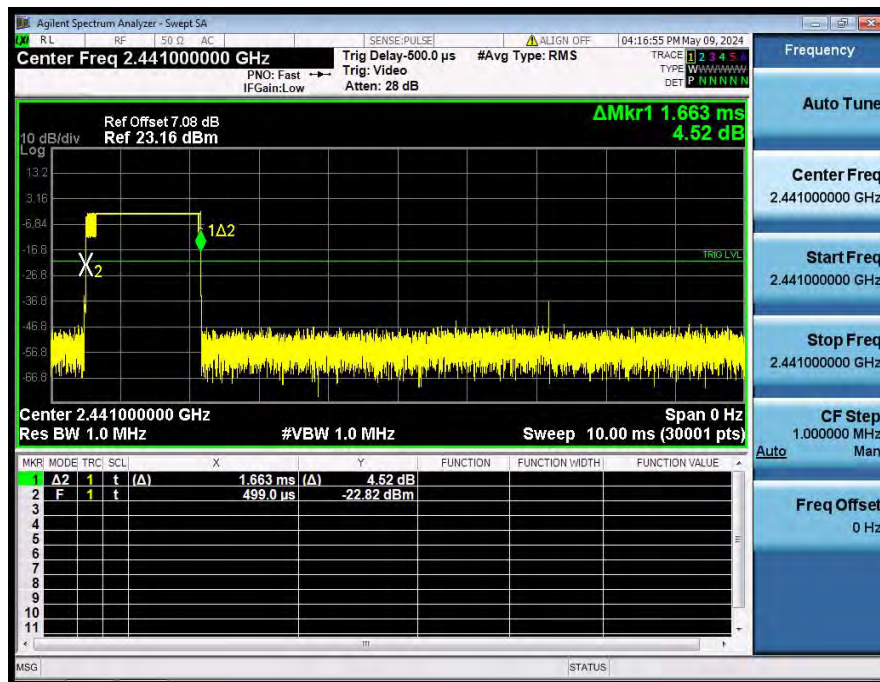
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH1\_2441\_One\_Burst\_Time



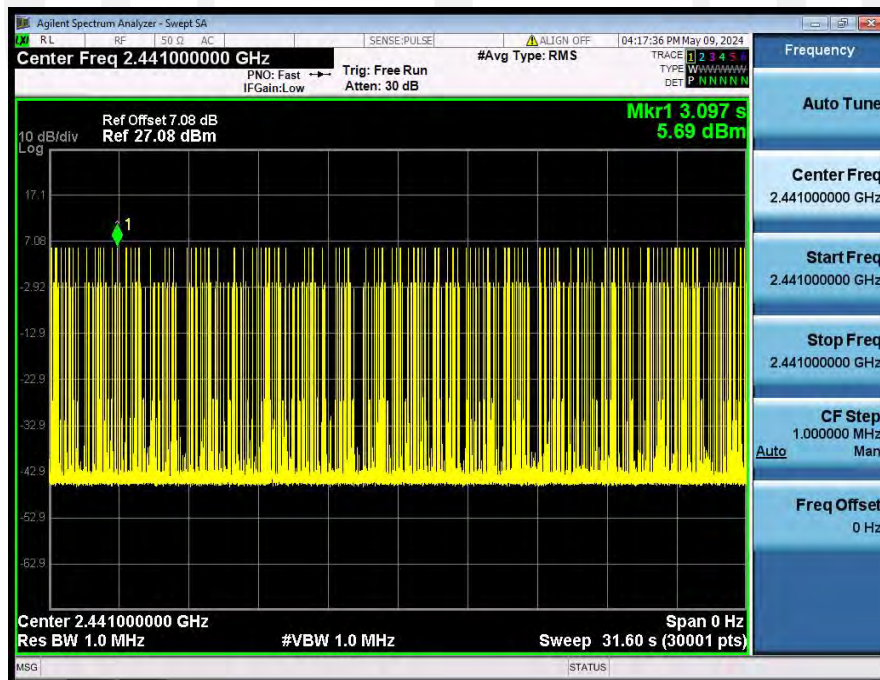
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH1\_2441\_Accumulated



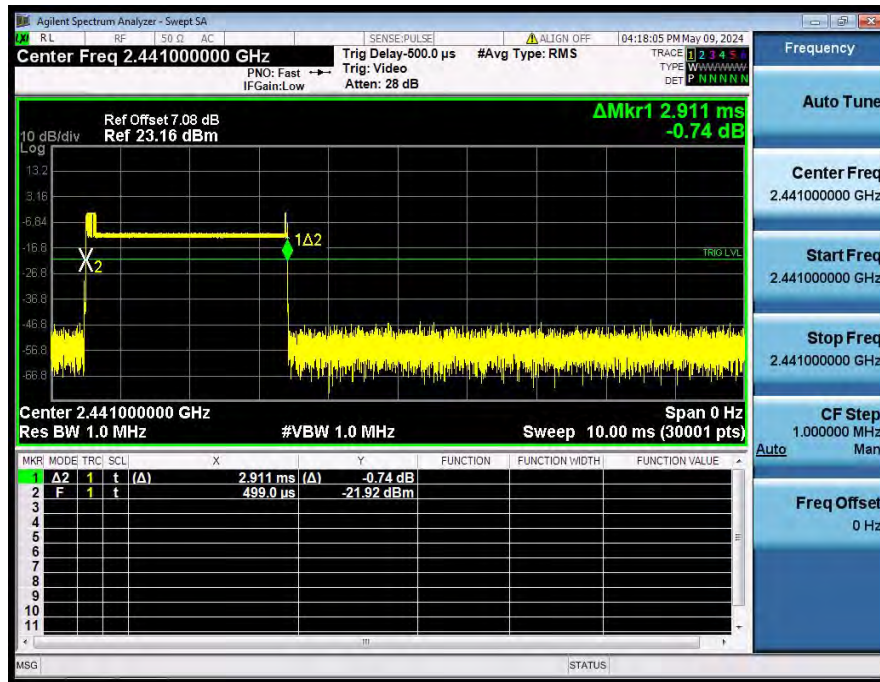
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH3\_2441\_One\_Burst\_Time



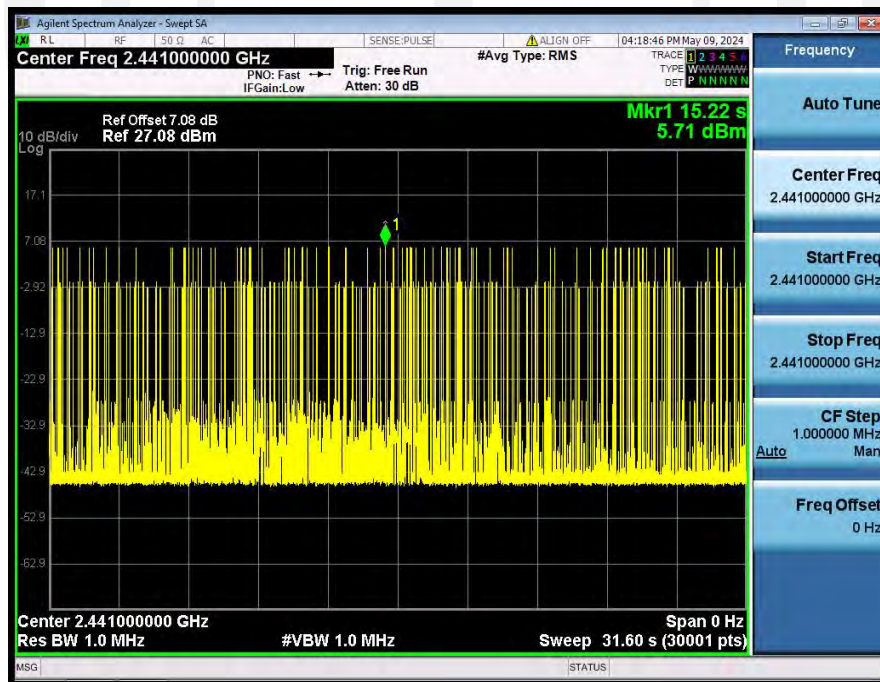
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH3\_2441\_Accumulated



## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH5\_2441\_One\_Burst\_Time

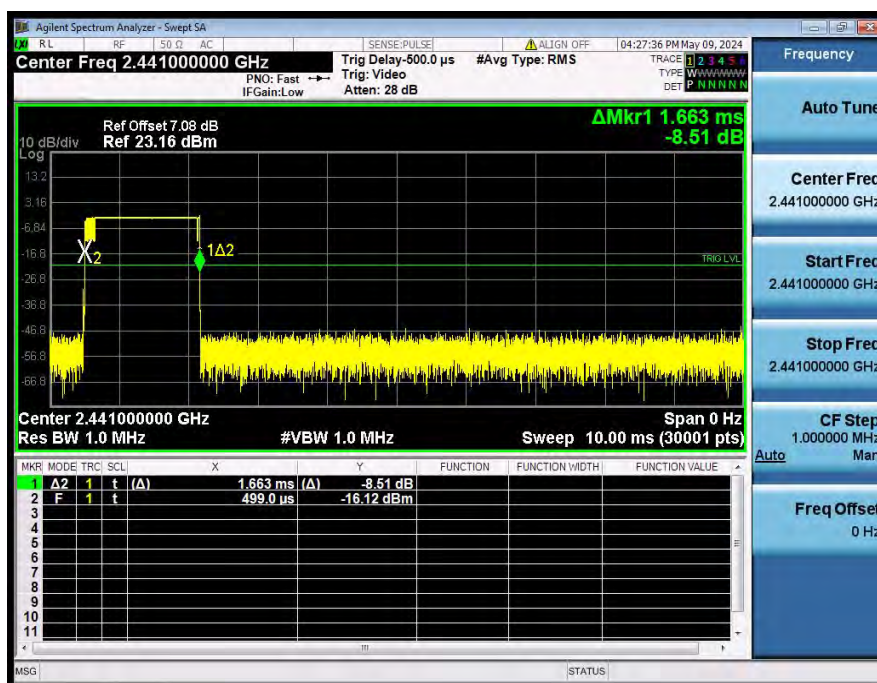


## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH5\_2441\_Accumulated

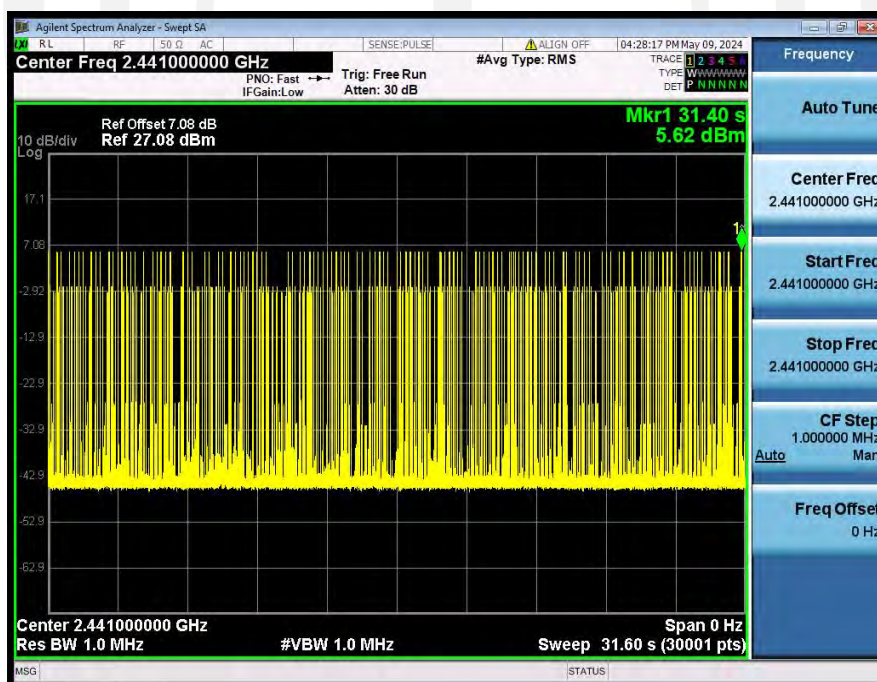




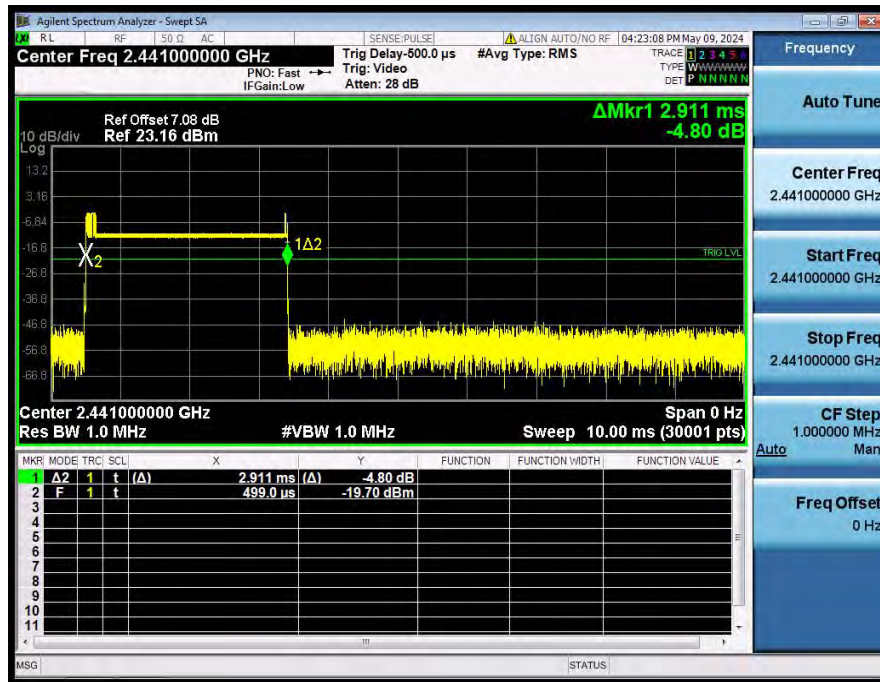
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH3\_2441\_One\_Burst\_Time



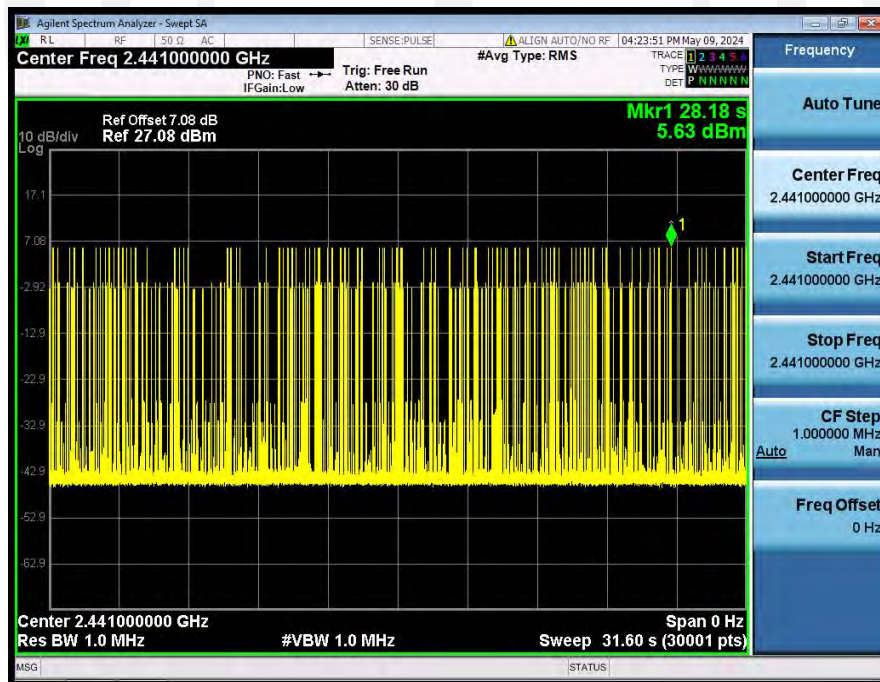
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH3\_2441\_Accumulated



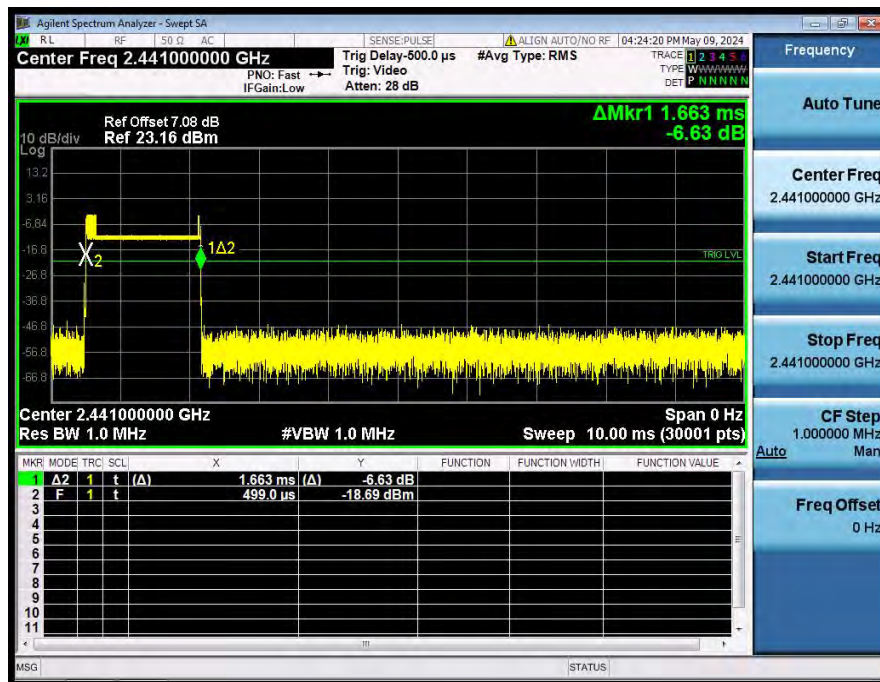
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH5\_2441\_One\_Burst\_Time



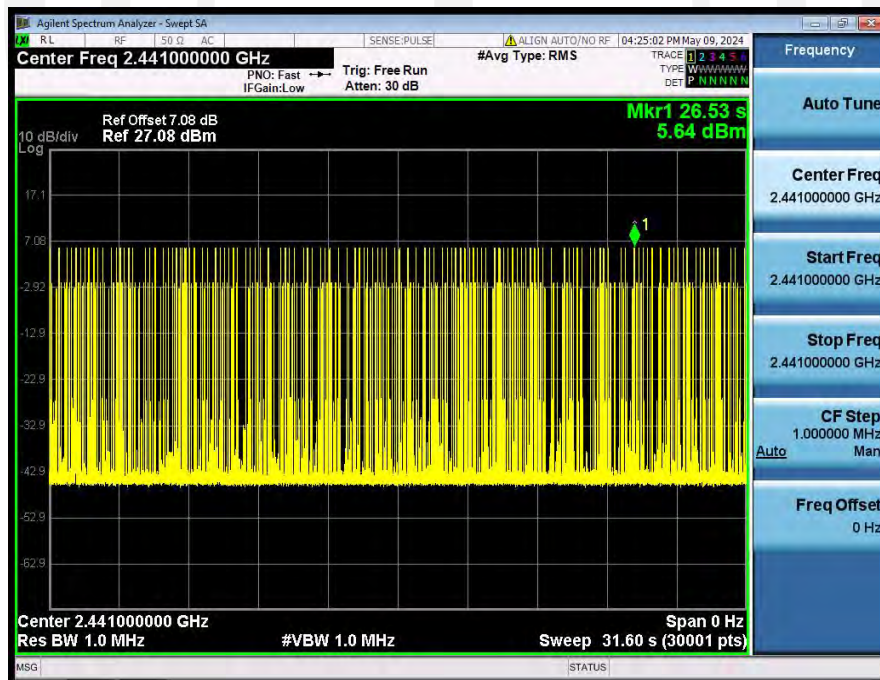
## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH5\_2441\_Accumulated



## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH3\_2441\_One\_Burst\_Time

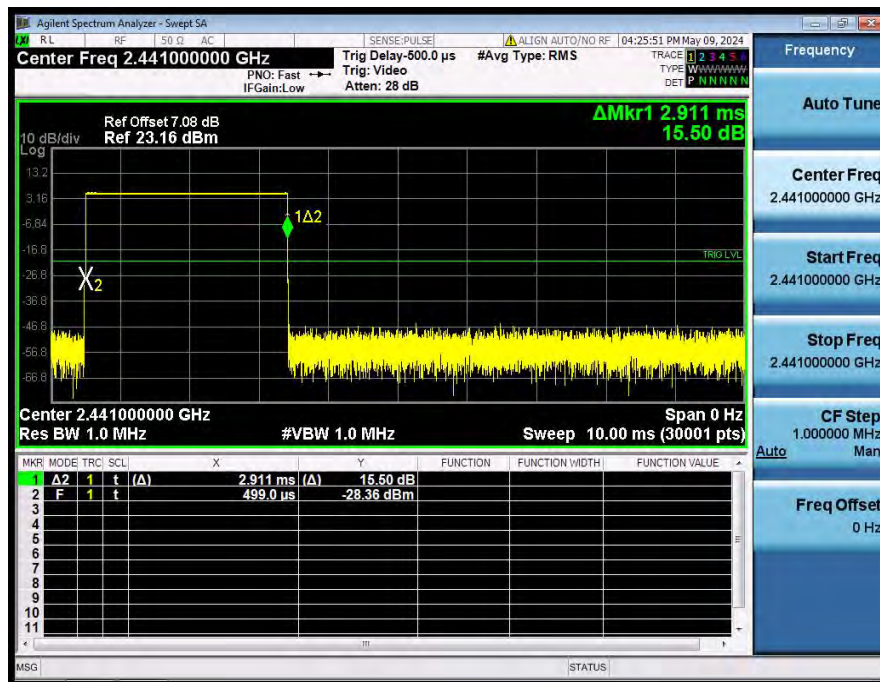


## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH3\_2441\_Accumulated

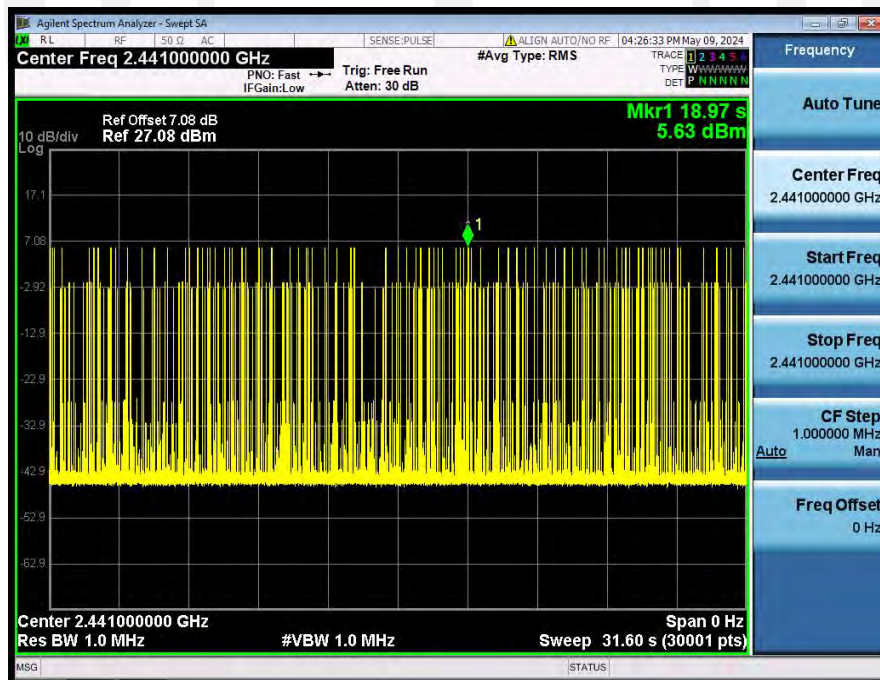




## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH5\_2441\_One\_Burst\_Time



## Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH5\_2441\_Accumulated



## 8. Out-of-band Emissions

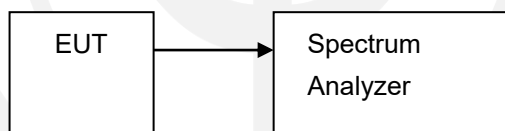
### 8.1. Test Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in FCC Part 15.209(a) is not required.

### 8.2. Test Procedure

Connect the transmitter output to spectrum analyzer using a low loss RF cable, and set the spectrum analyzer to RBW=100 kHz, VBW= 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, band edge and out-of-band emissions.

### 8.3. Test Setup



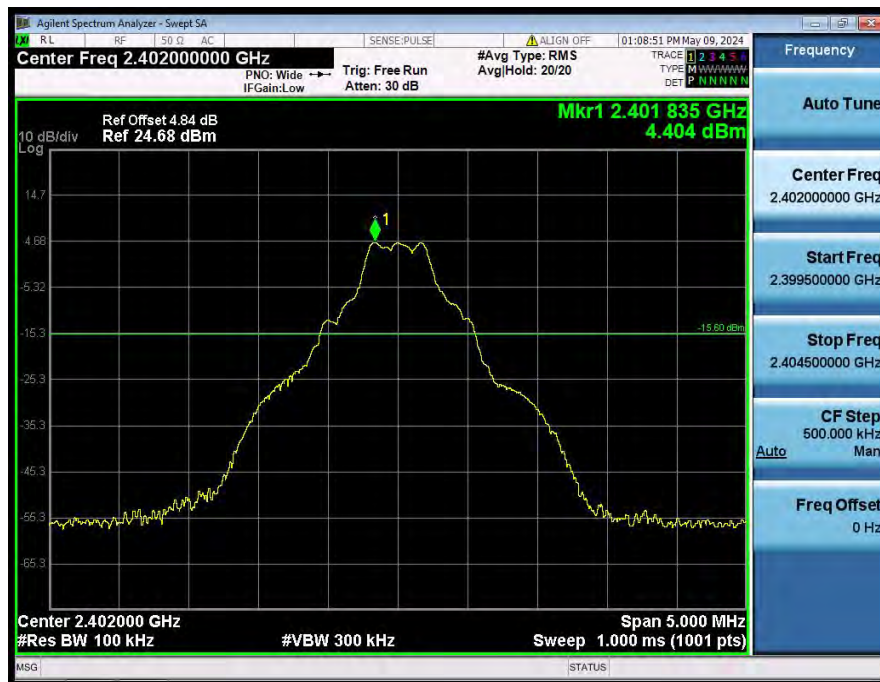
### 8.4. Test Results

PASS.

The test results are listed in next pages.

For Band Edge:

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



## 2\_Bandedge\_NVNT\_ANT1\_1-DH1\_2402

