



## Appendix A

### RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Smart LED Floor Lamp

Test Model: STR-FP-0002

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.1° C   |
| Relative Humidity: | 52.3%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jerry Chu |
| Supervised by:     | Nick Peng |



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## A.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 8.071                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant1    | 8.552                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant1    | 8.051                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.035                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.297                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.337                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 16.491                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.131                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 17.547                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.712                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.491                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 35.172                | $\geq 0.5$                  | Pass    |



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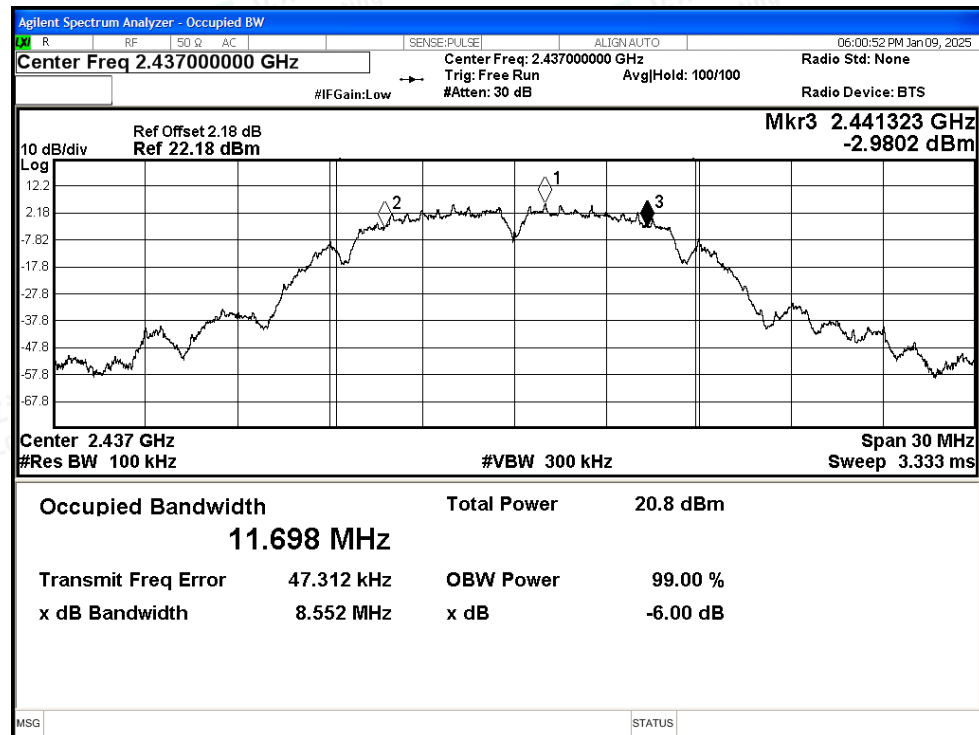


## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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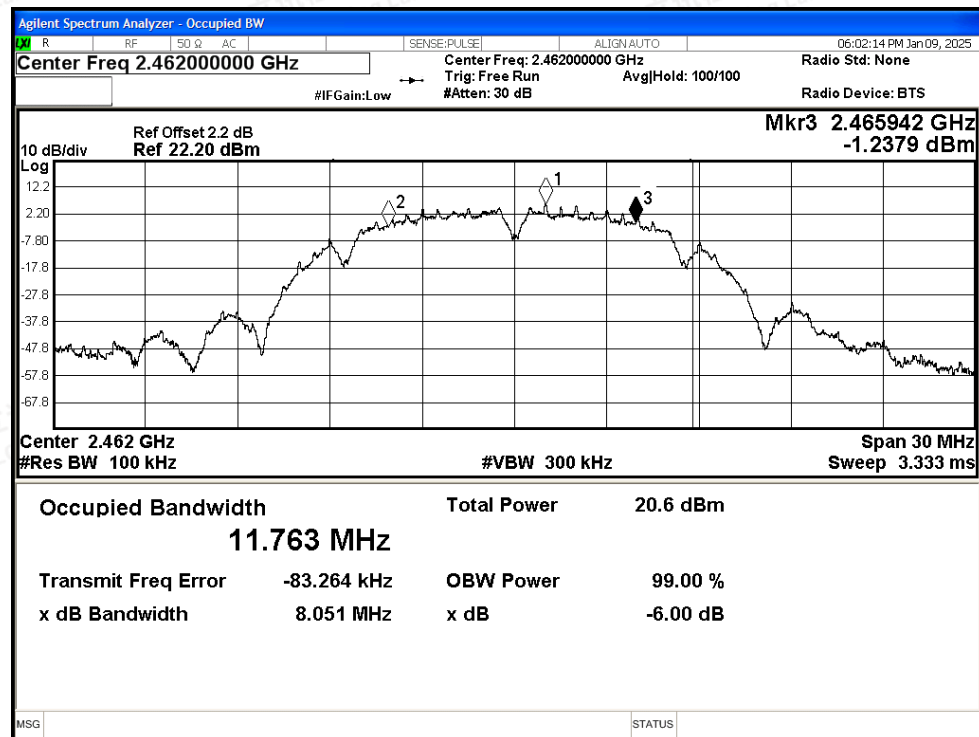
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

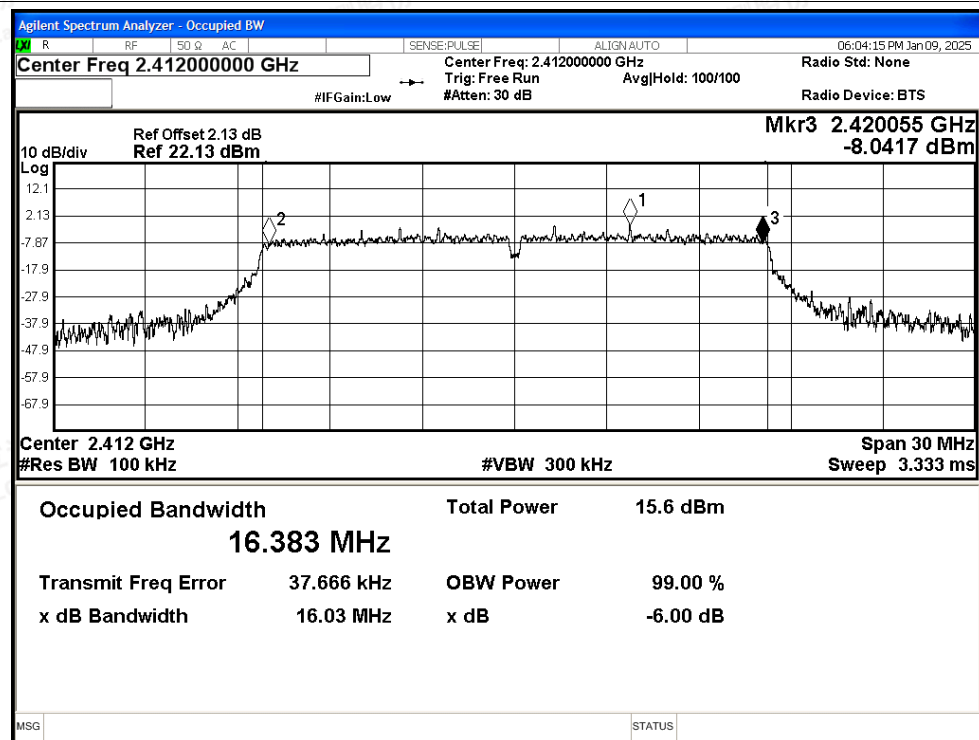
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## -6dB Bandwidth NVNT b 2462MHz Ant1



## -6dB Bandwidth NVNT g 2412MHz Ant1



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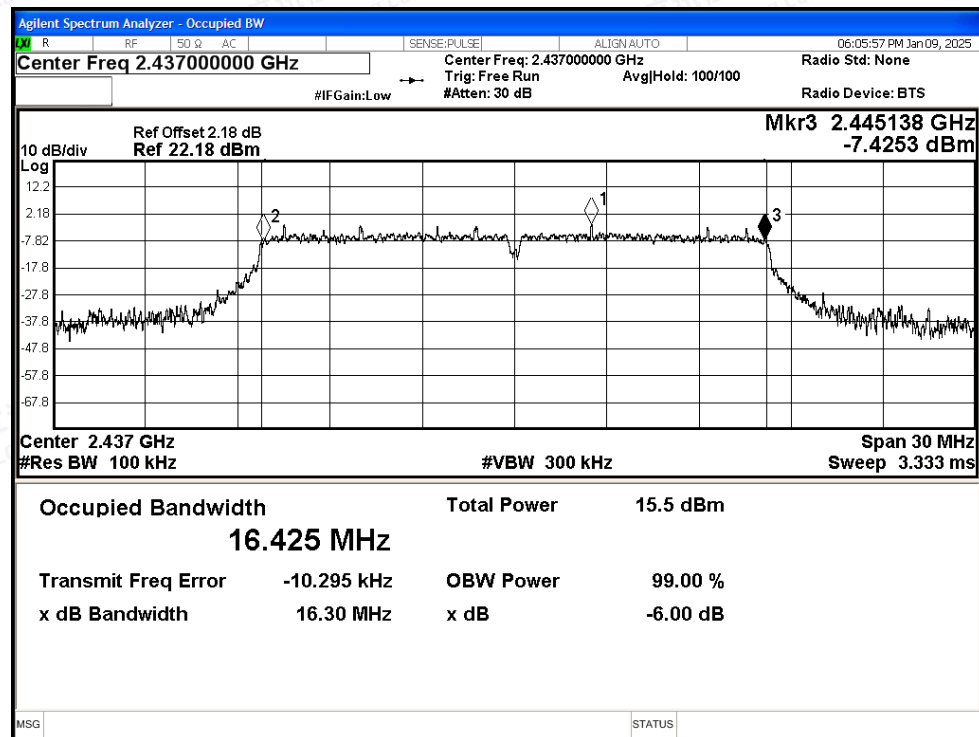
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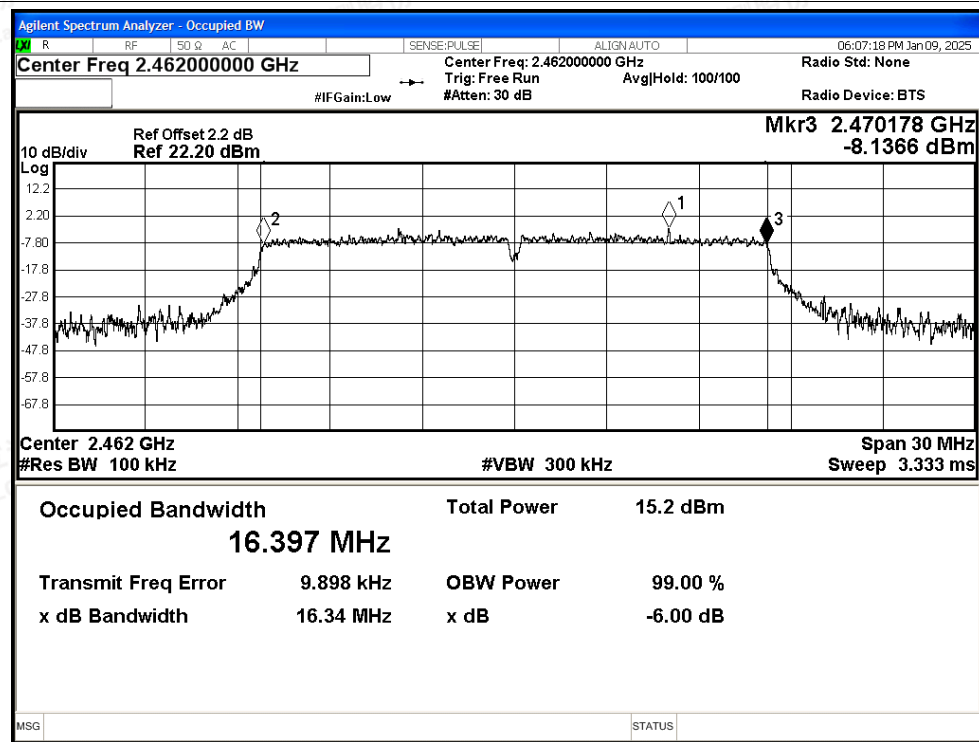
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-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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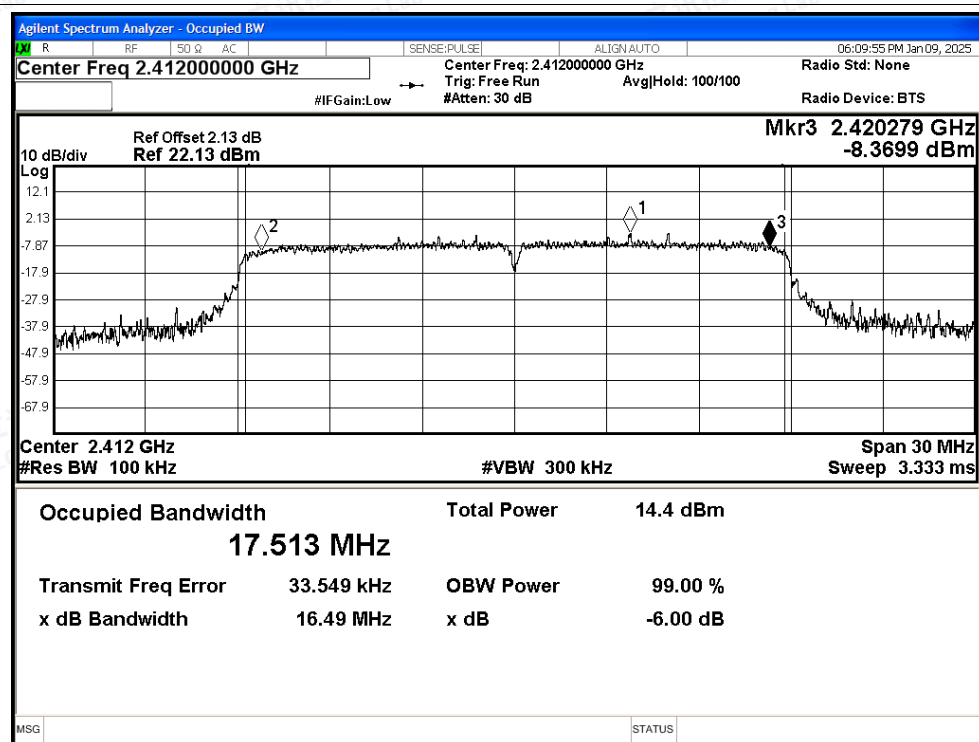
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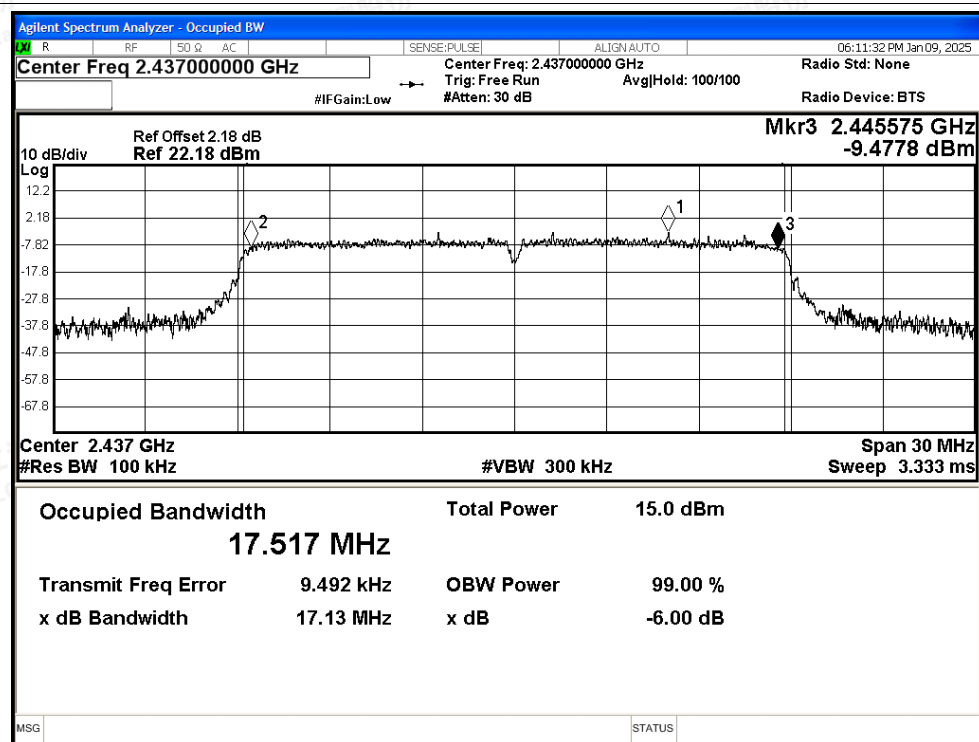
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## -6dB Bandwidth NVNT n20 2412MHz Ant1



## -6dB Bandwidth NVNT n20 2437MHz Ant1



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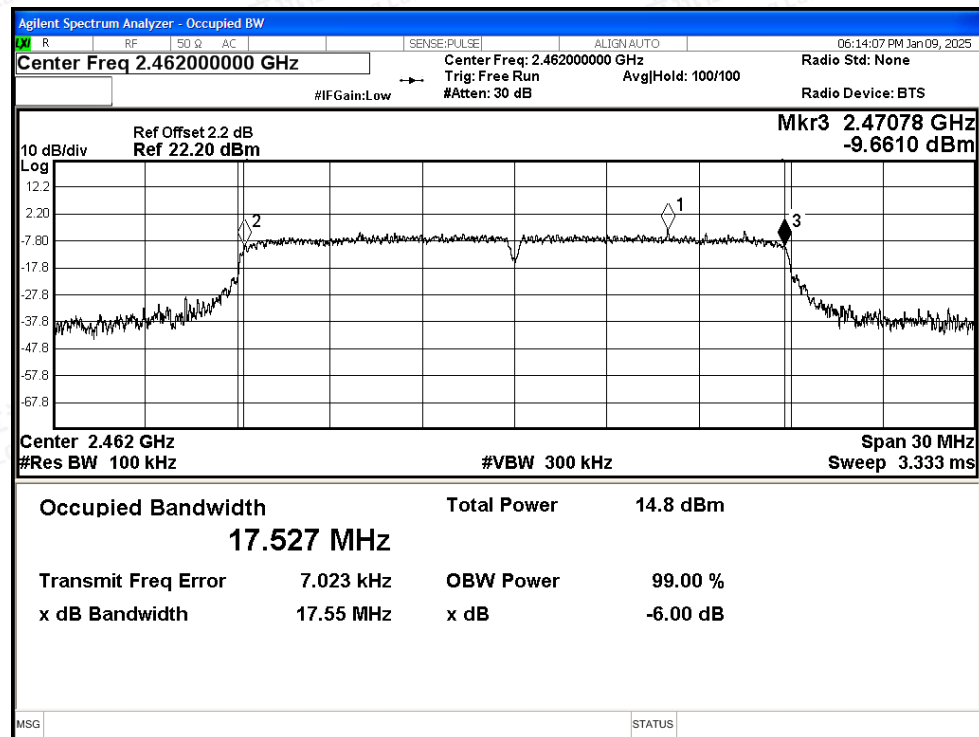
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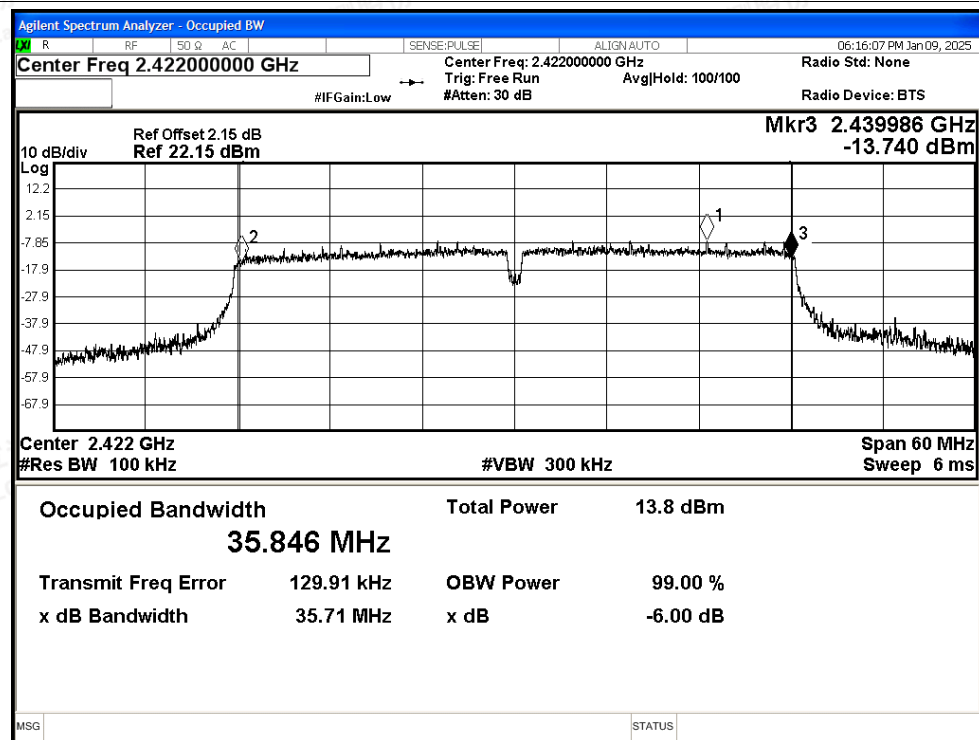
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## -6dB Bandwidth NVNT n20 2462MHz Ant1



## -6dB Bandwidth NVNT n40 2422MHz Ant1



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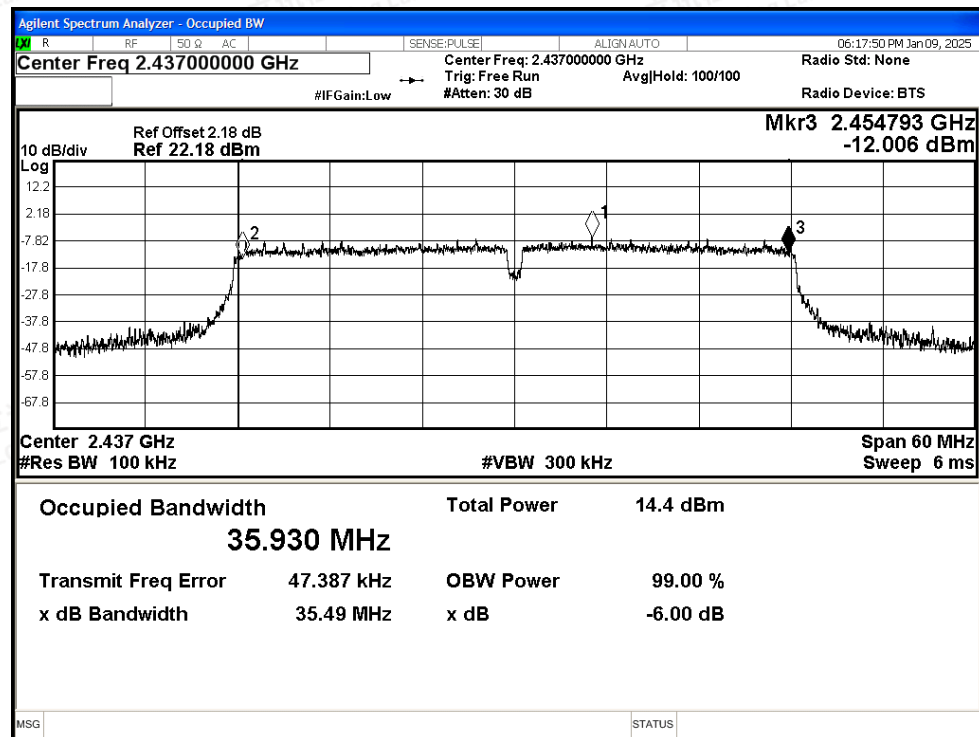
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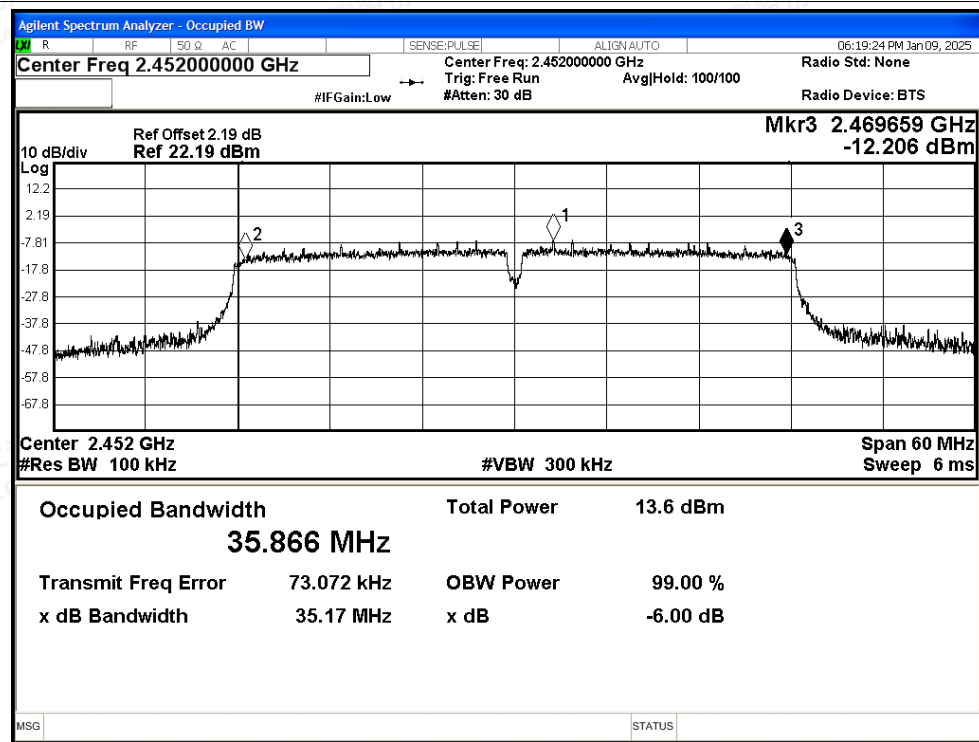
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-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1



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## A.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 15.29             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 15.79             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 15.65             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.34             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.31             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 14.14             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 13.01             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 13.63             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.55             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 12.29             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 12.89             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 12.06             | 30          | Pass    |



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### A.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -8.36                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -8.92                | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -8.71                | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -16.07               | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -16.37               | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -15.93               | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -17.19               | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -16.64               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -16.9                | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -21.75               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -21.18               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -22.4                | 8                | Pass    |

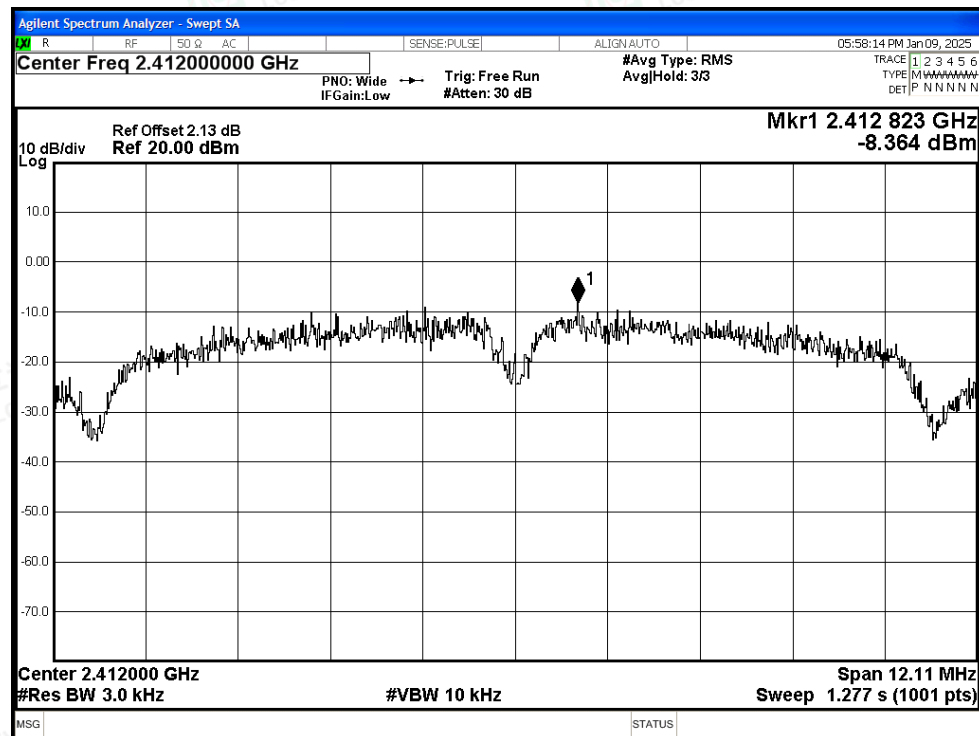


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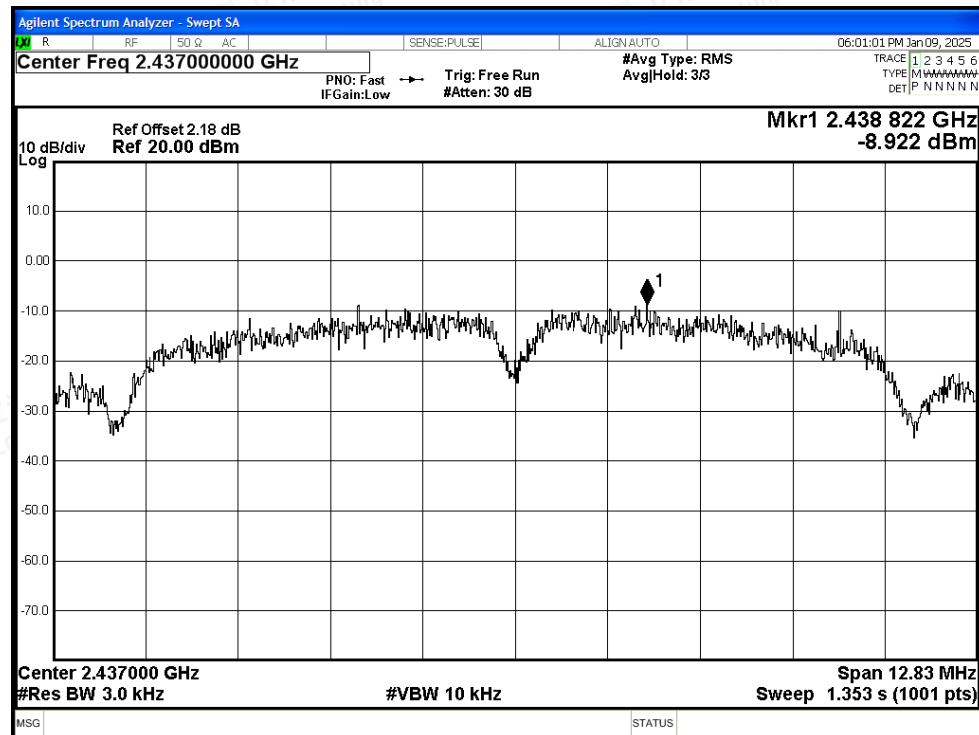


## Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



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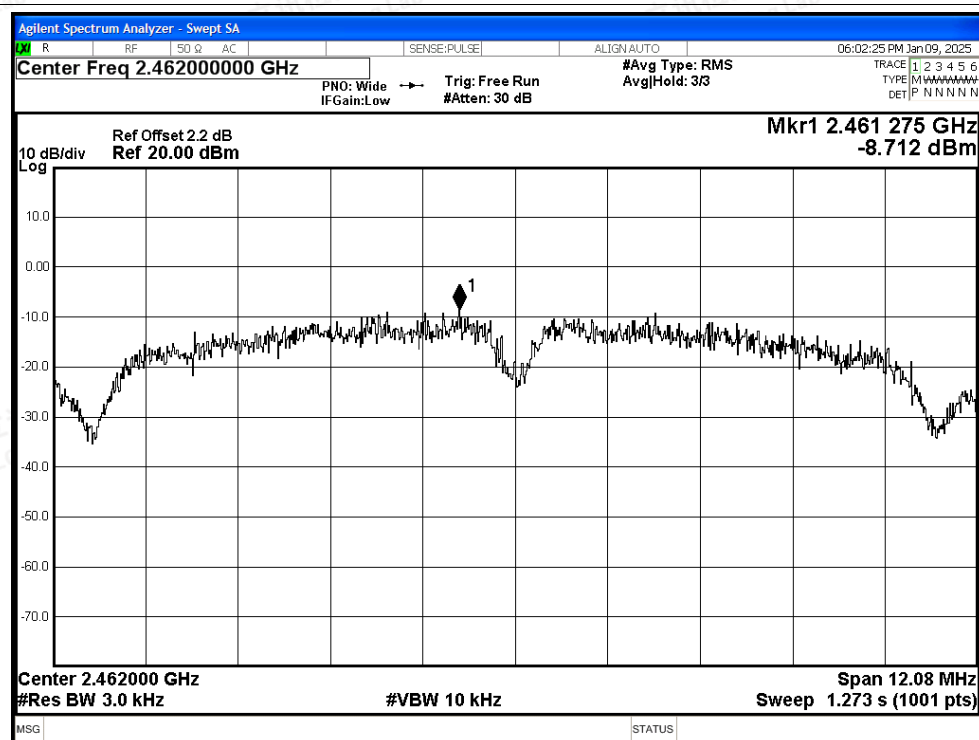
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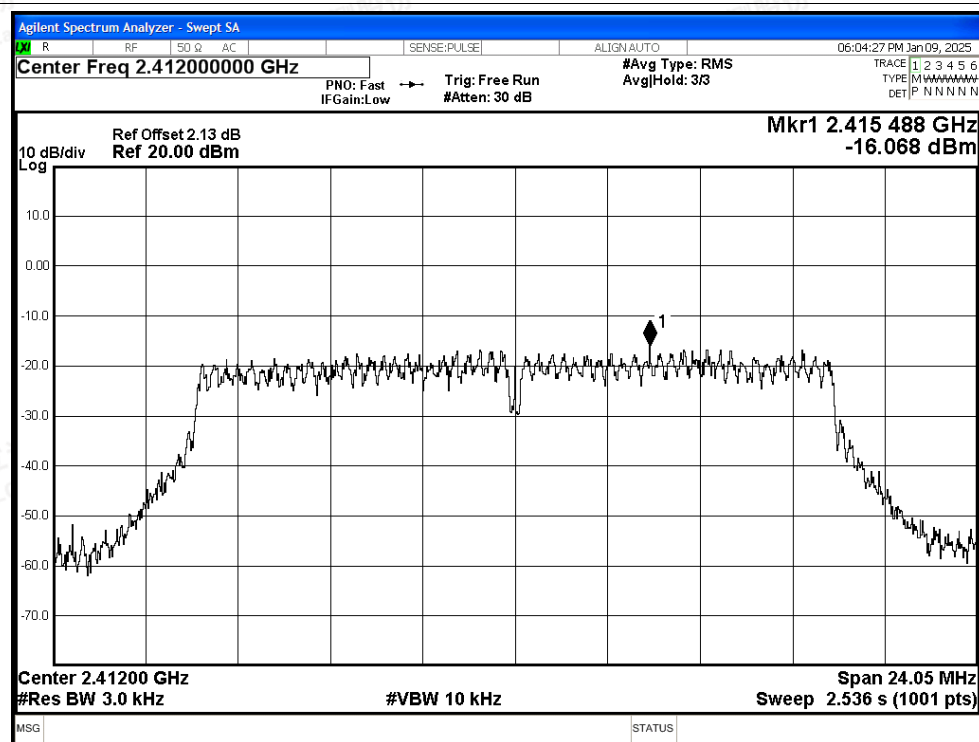
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## PSD NVNT b 2462MHz Ant1

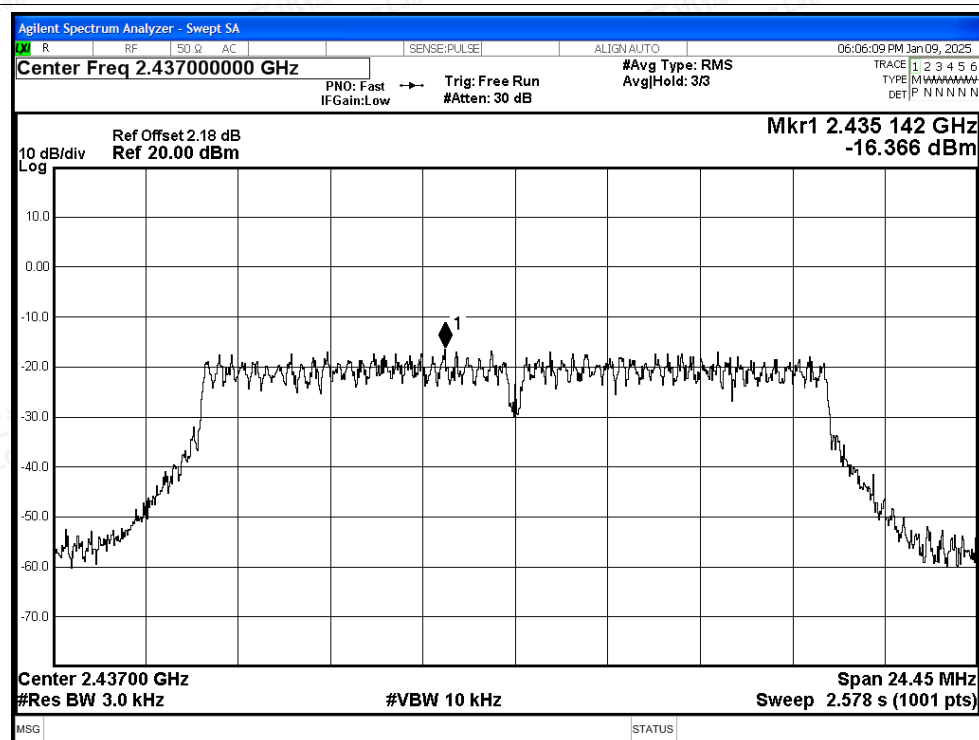


## PSD NVNT g 2412MHz Ant1

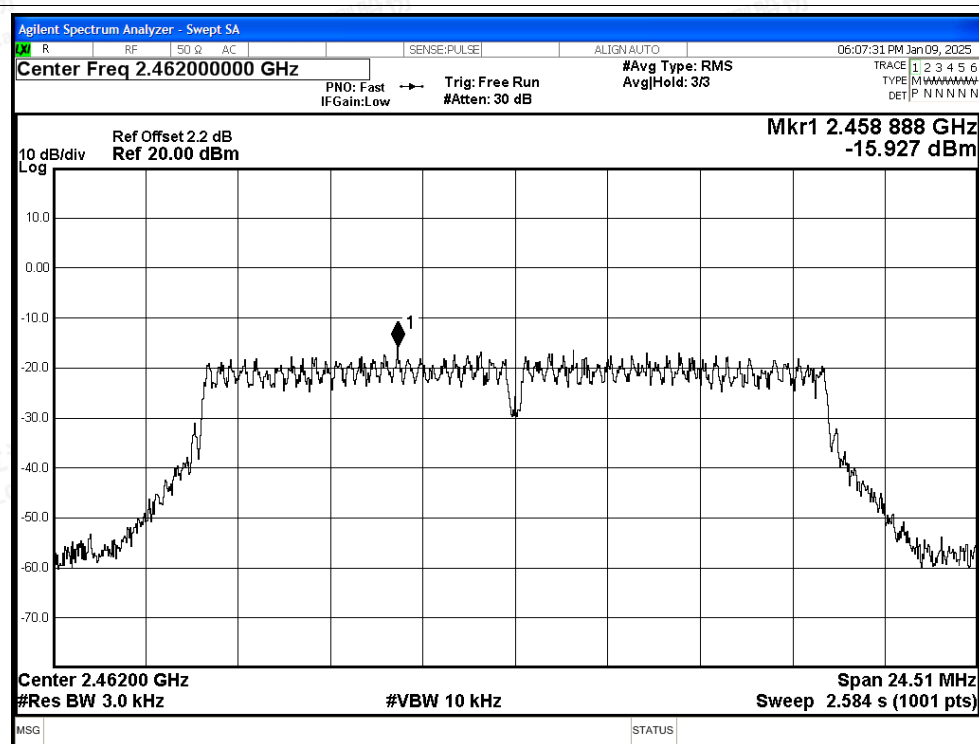


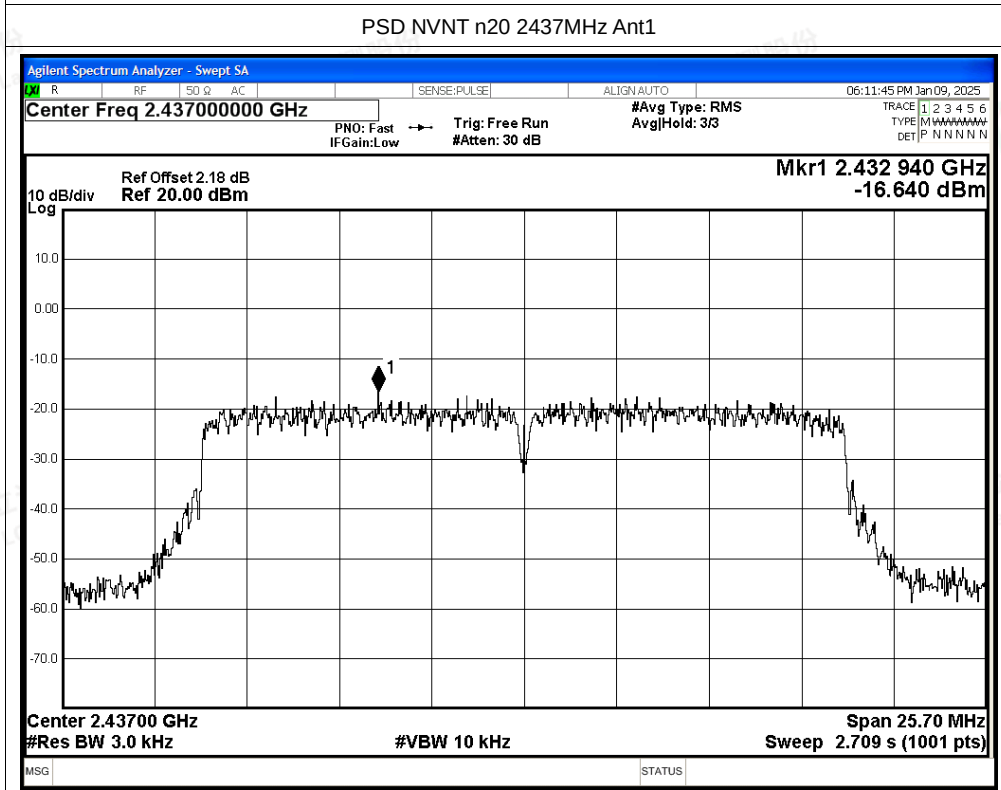
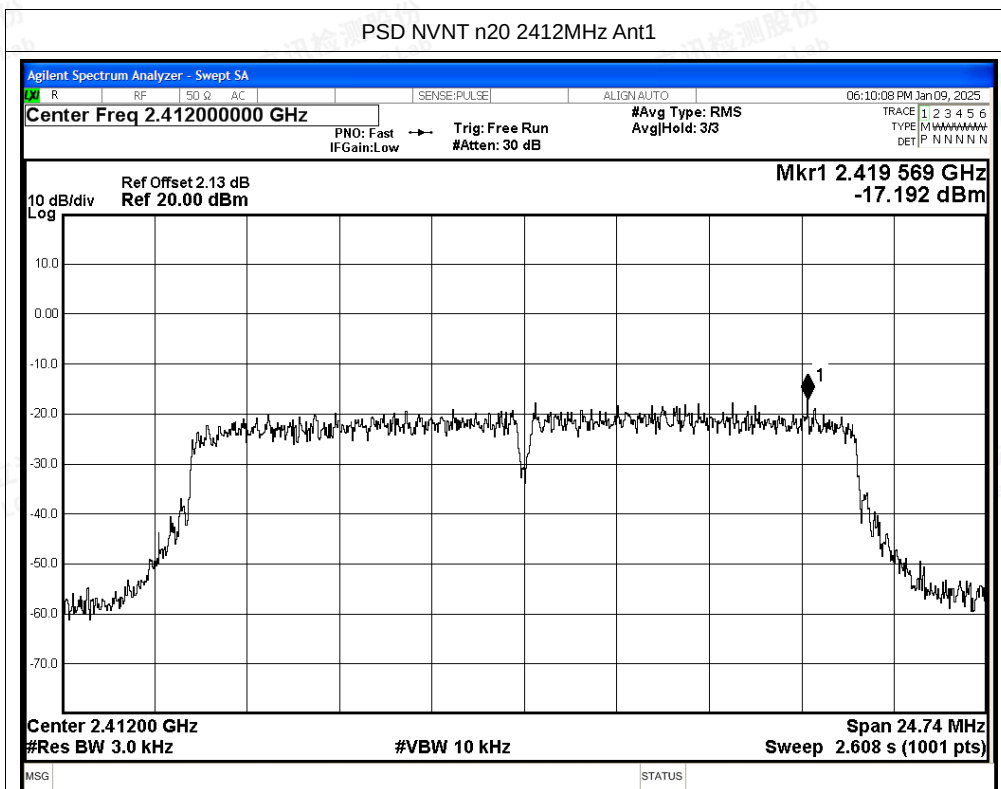


PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1



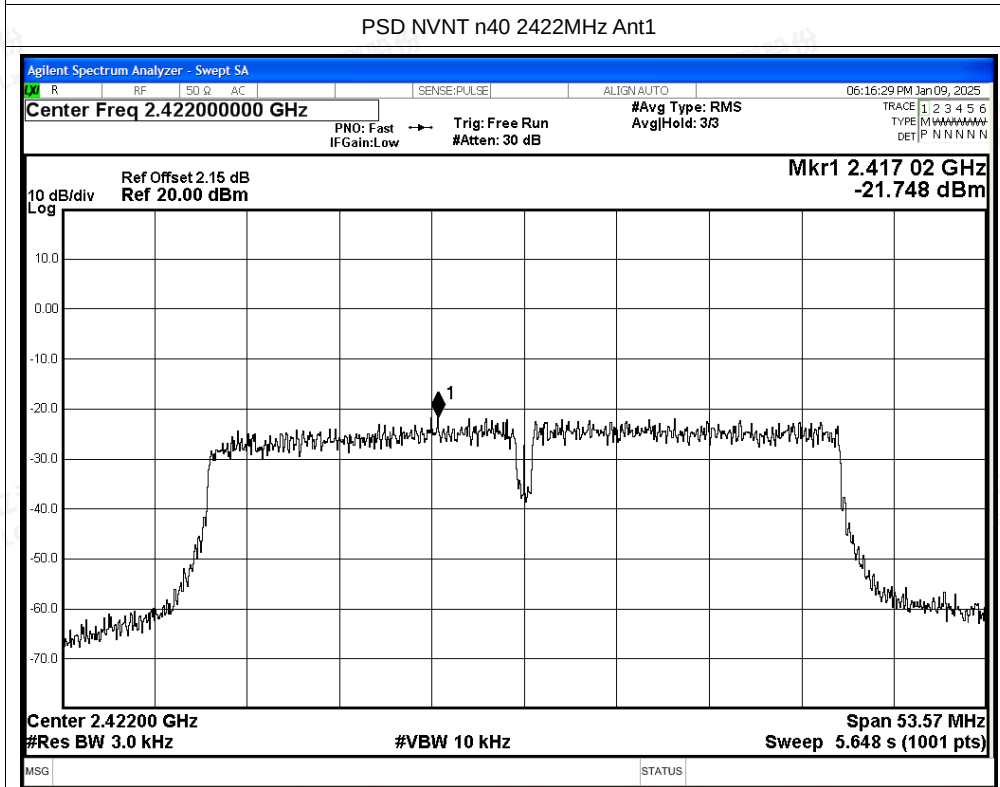
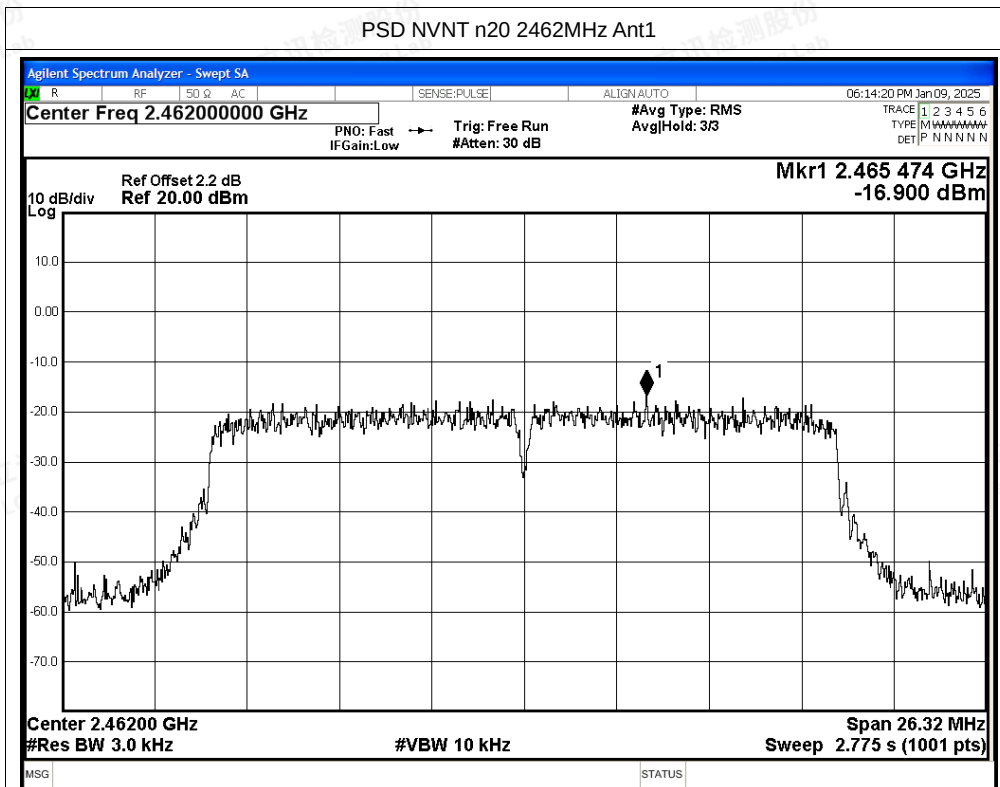


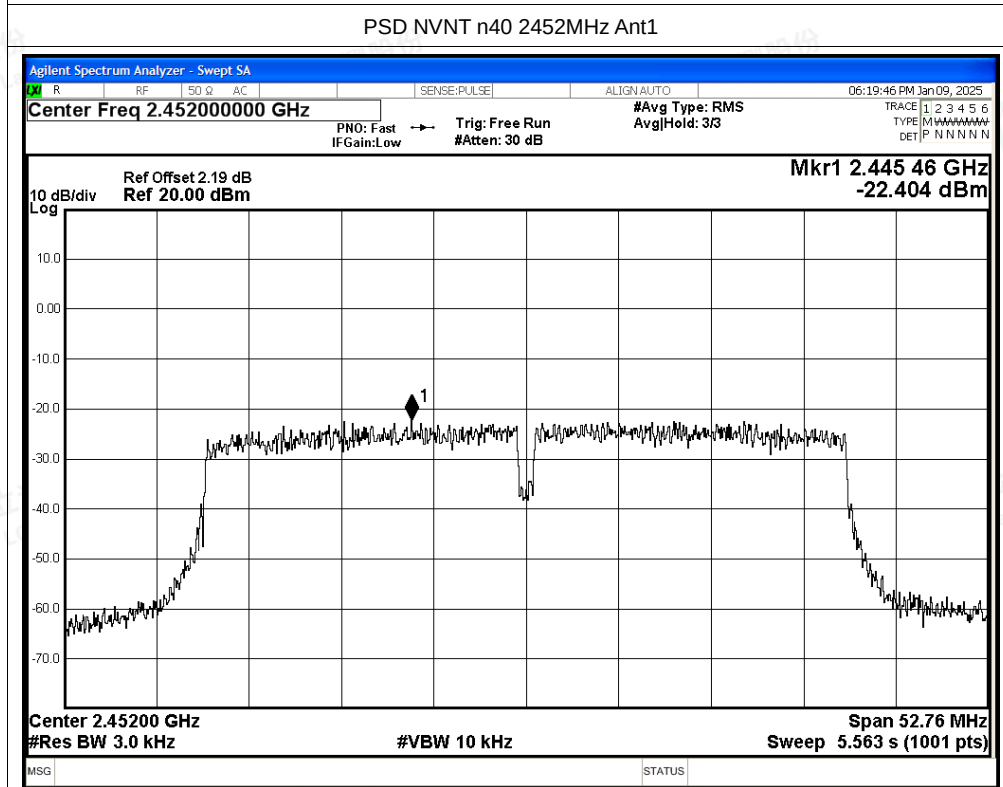
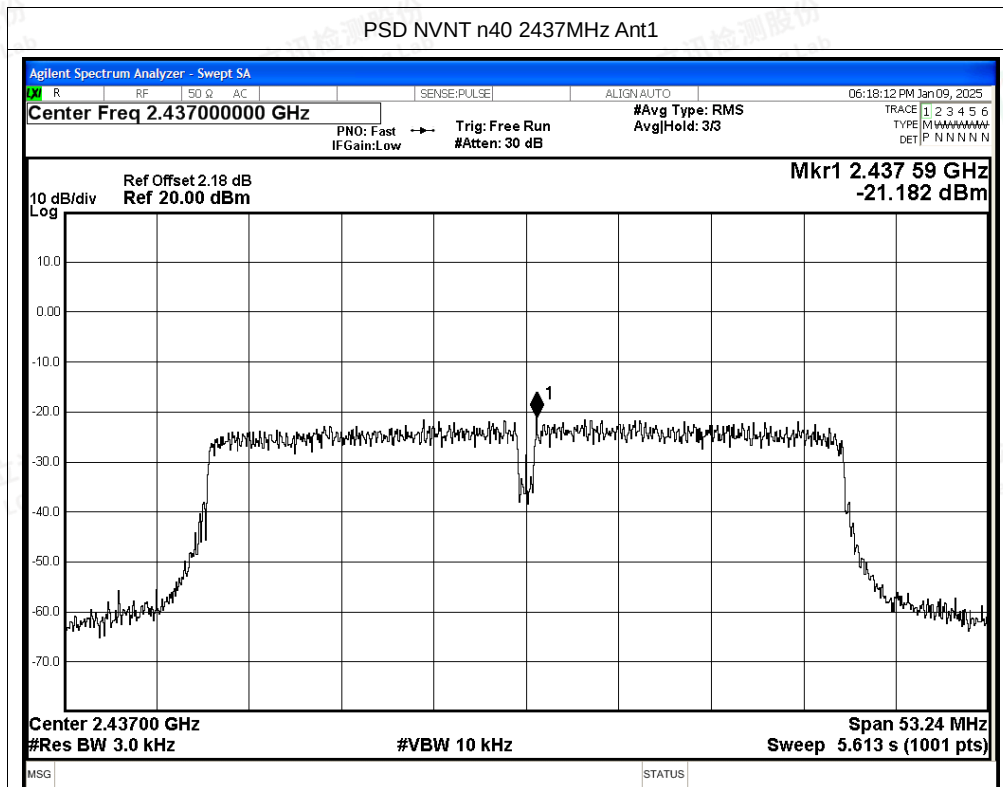
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## A.4 Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -47.11          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -61.16          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -31.78          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -43.28          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -32.54          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -41.73          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -34.39          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -39.4           | -20         | Pass    |

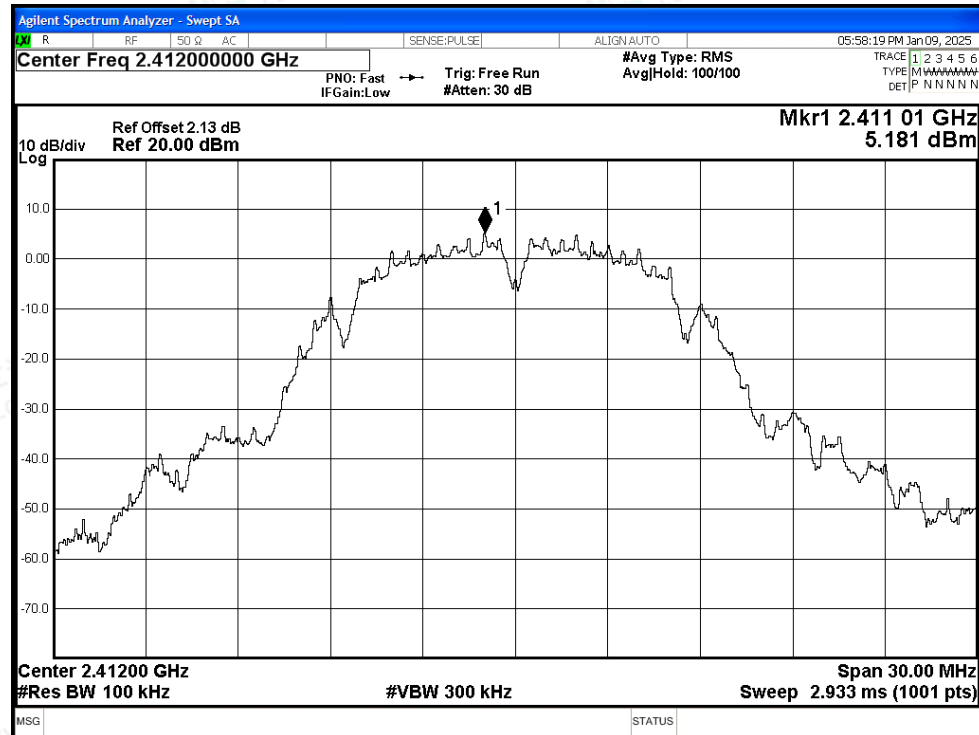


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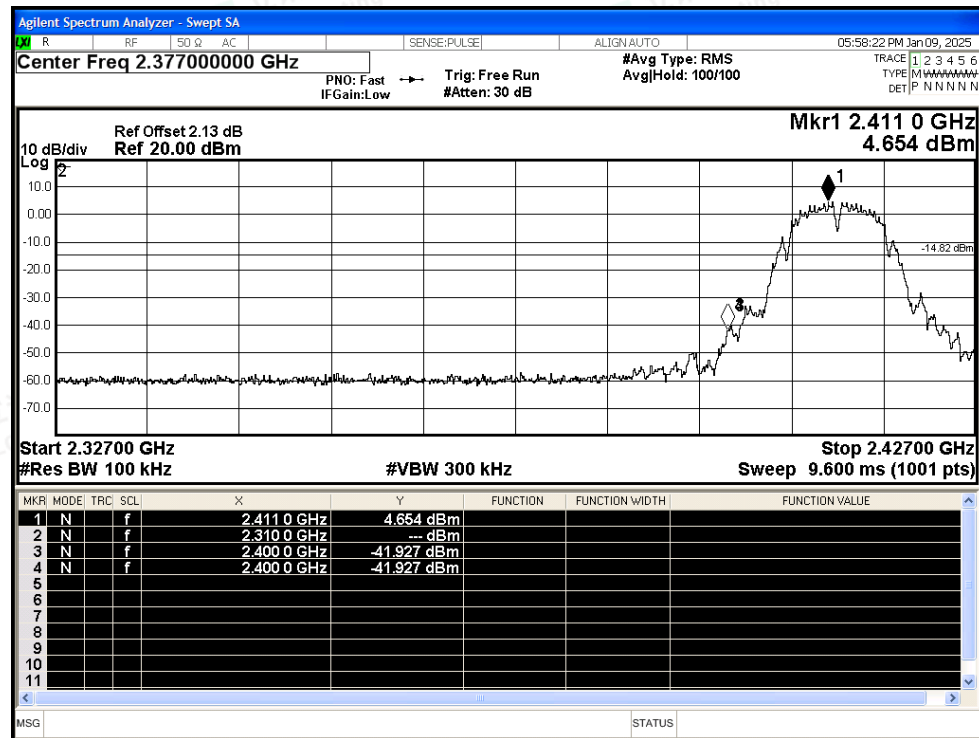


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



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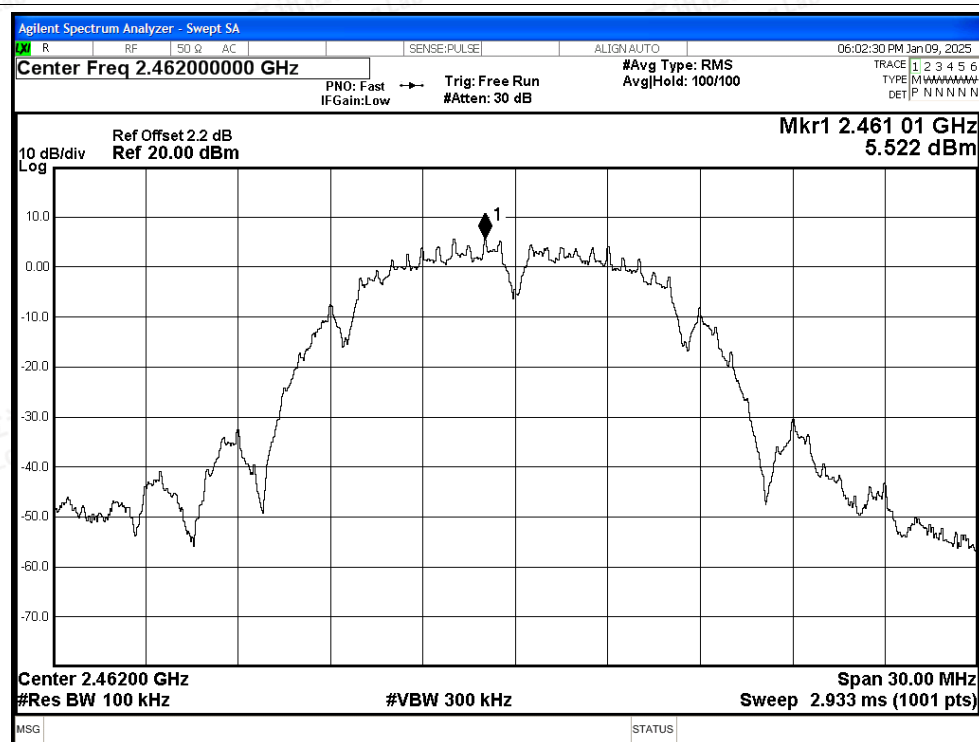
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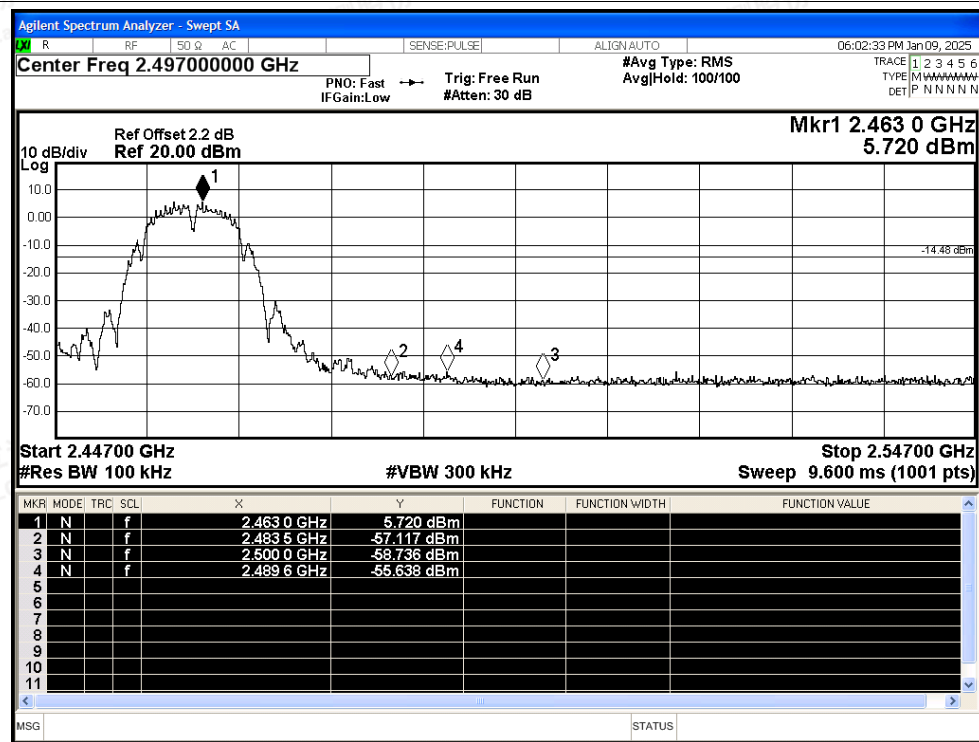
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## Band Edge NVNT b 2462MHz Ant1 Ref



## Band Edge NVNT b 2462MHz Ant1 Emission



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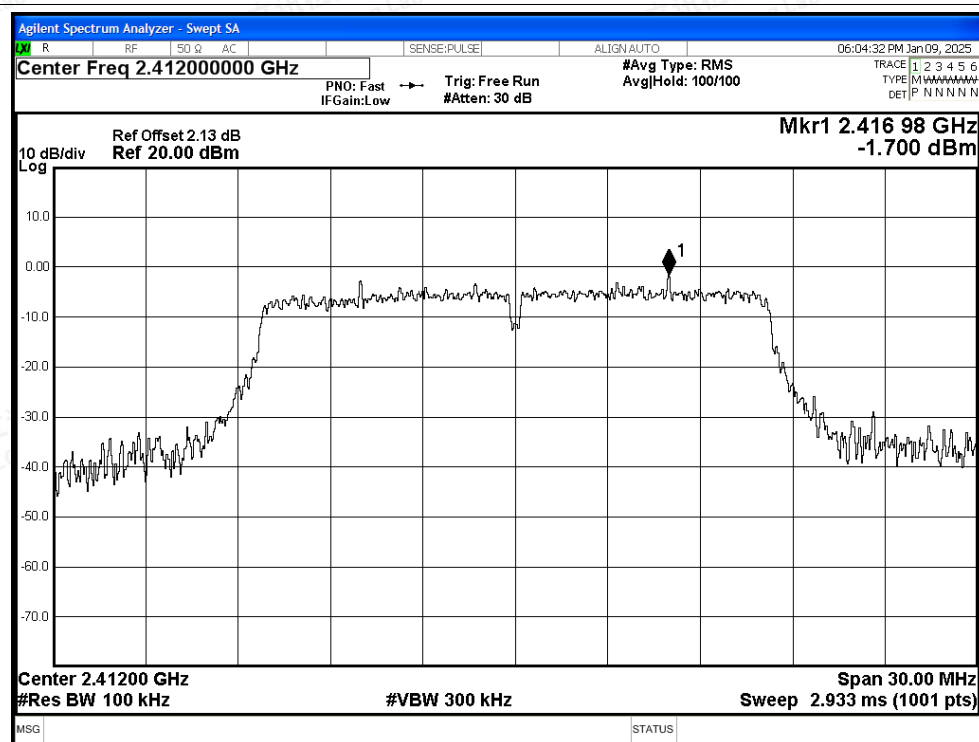
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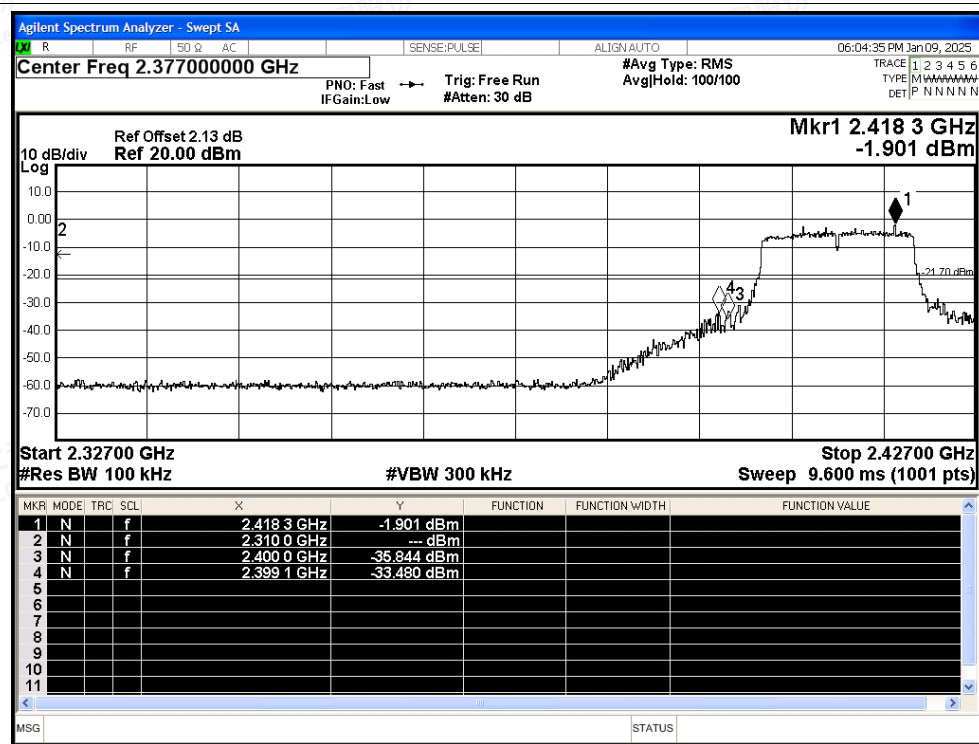
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## Band Edge NVNT g 2412MHz Ant1 Ref



## Band Edge NVNT g 2412MHz Ant1 Emission



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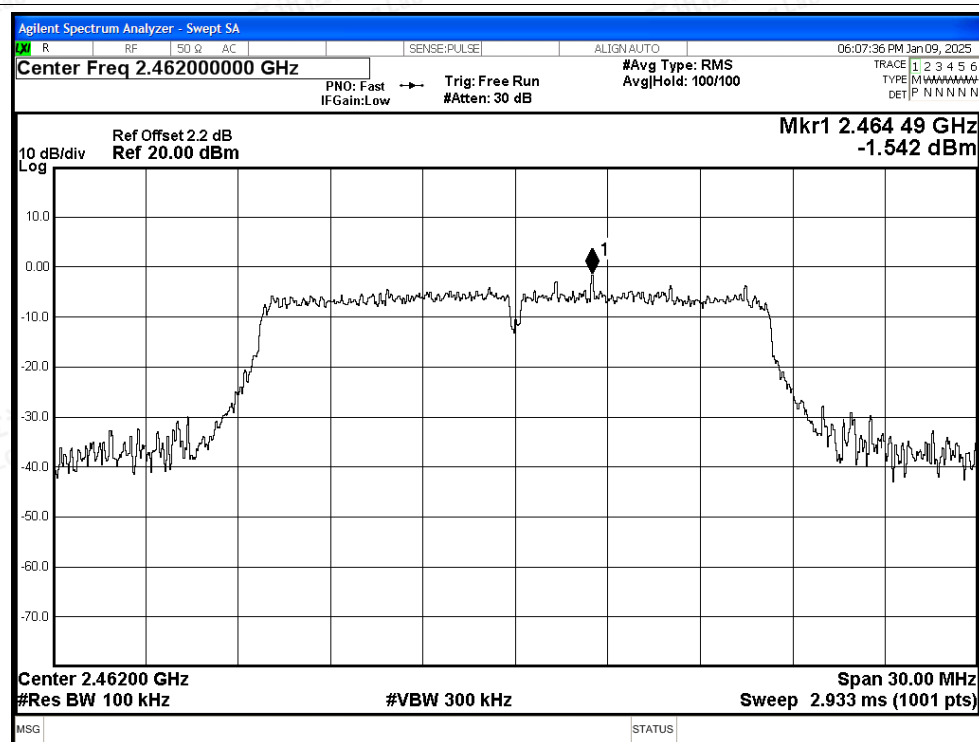
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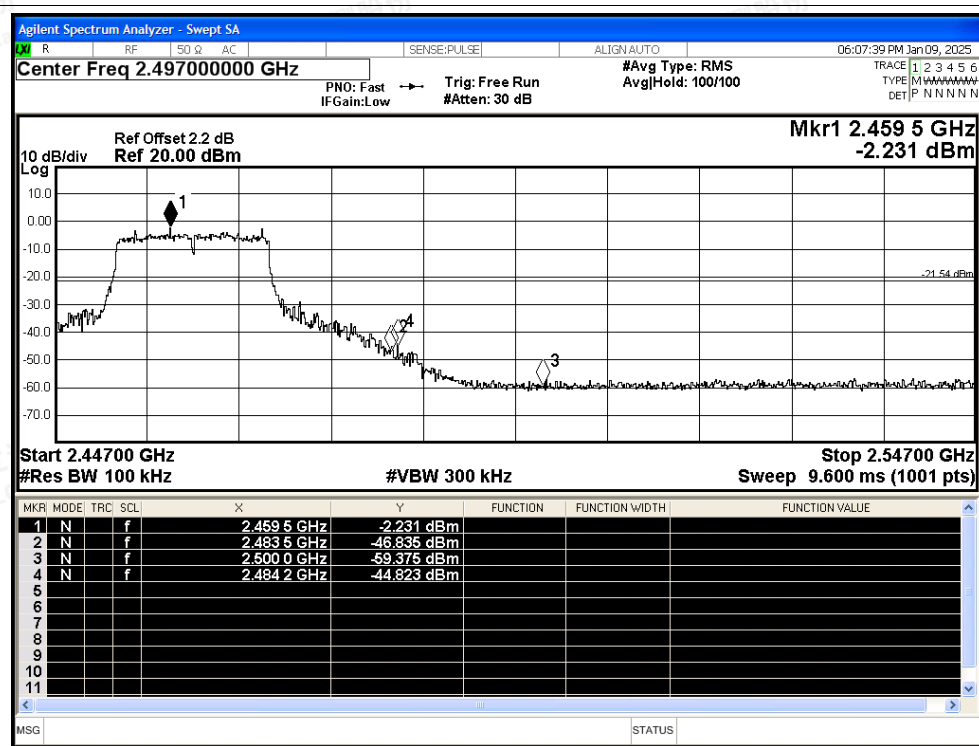
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## Band Edge NVNT g 2462MHz Ant1 Ref



## Band Edge NVNT g 2462MHz Ant1 Emission



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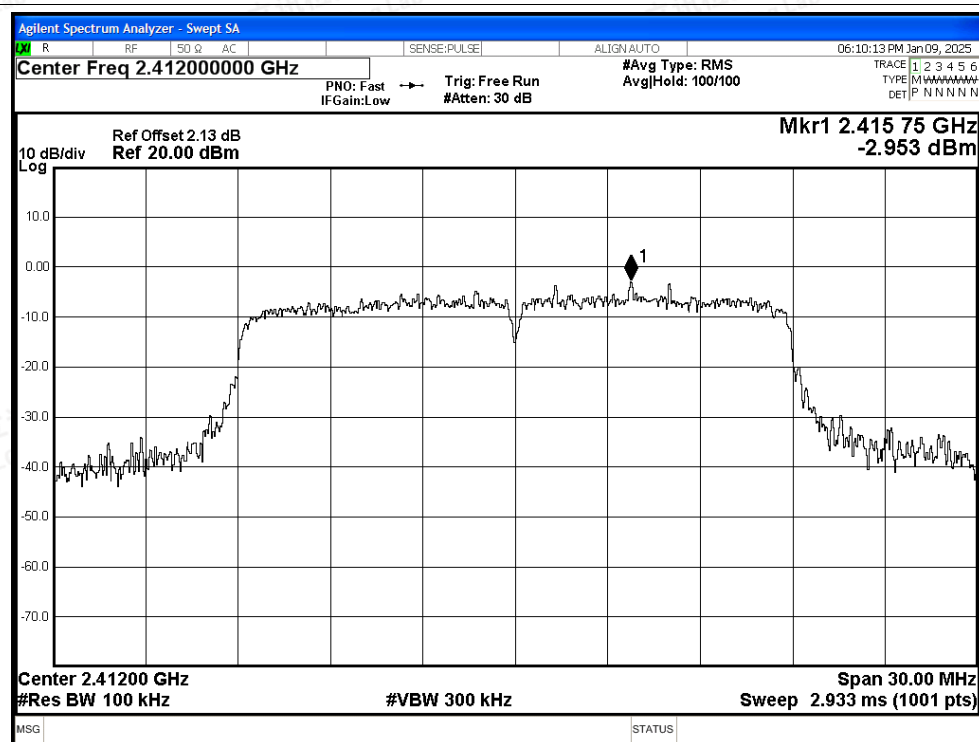
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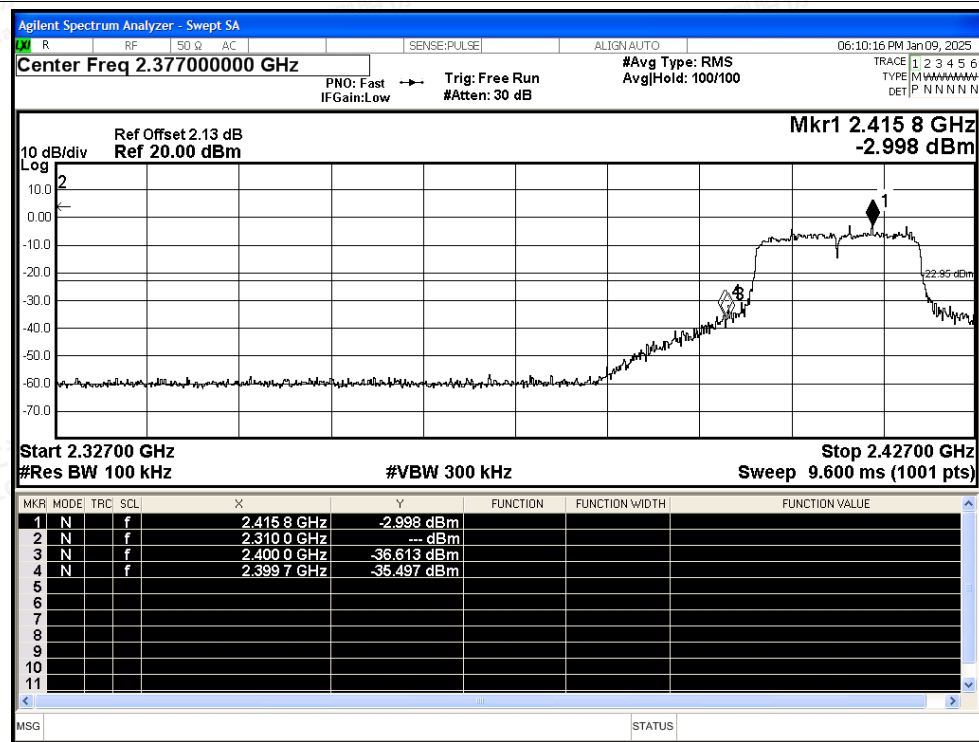
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## Band Edge NVNT n20 2412MHz Ant1 Ref



## Band Edge NVNT n20 2412MHz Ant1 Emission



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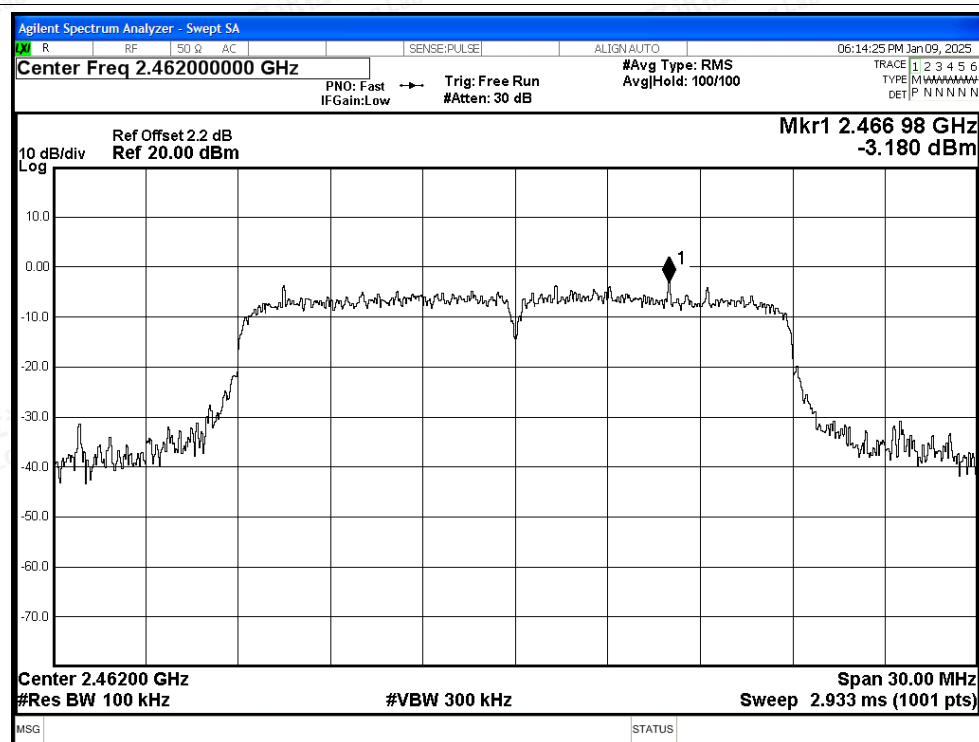
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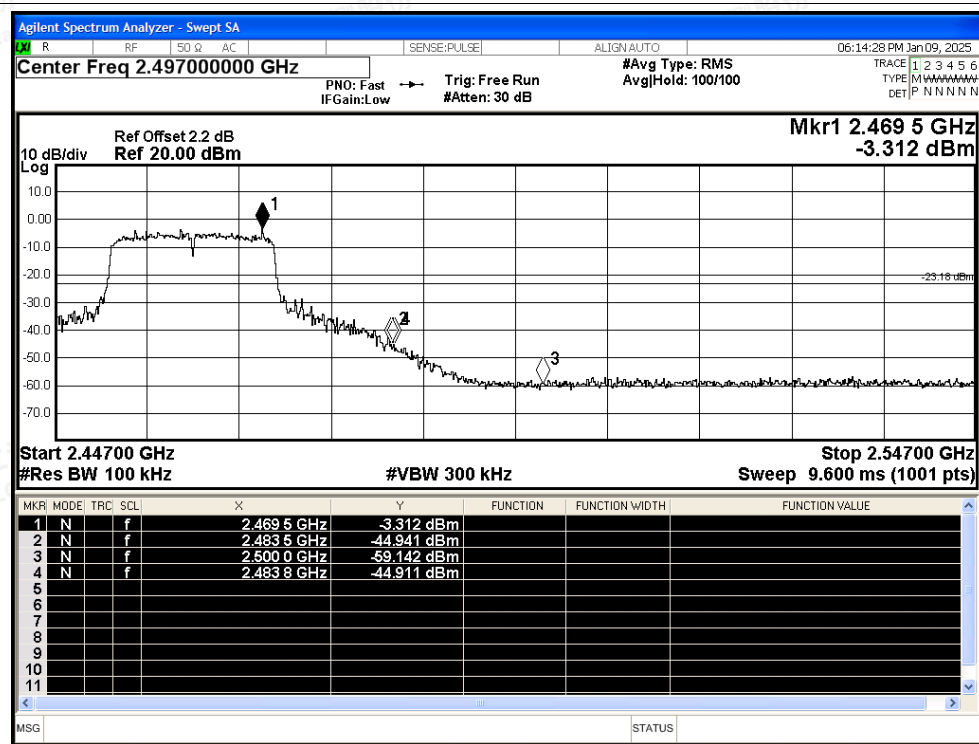
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## Band Edge NVNT n20 2462MHz Ant1 Ref



## Band Edge NVNT n20 2462MHz Ant1 Emission



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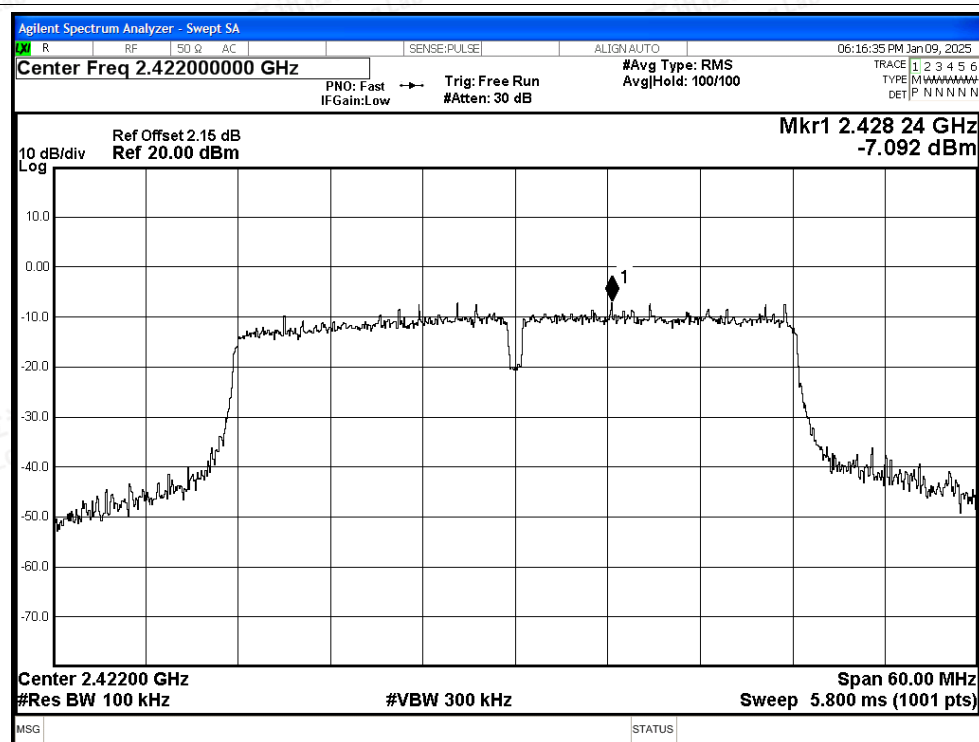
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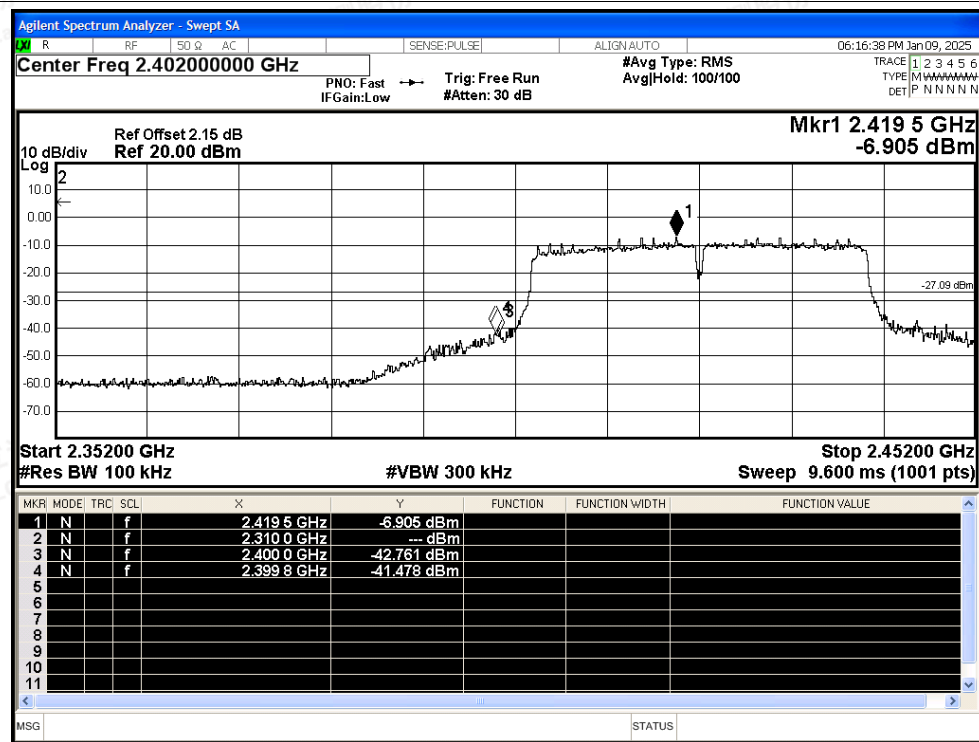
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## Band Edge NVNT n40 2422MHz Ant1 Ref



## Band Edge NVNT n40 2422MHz Ant1 Emission



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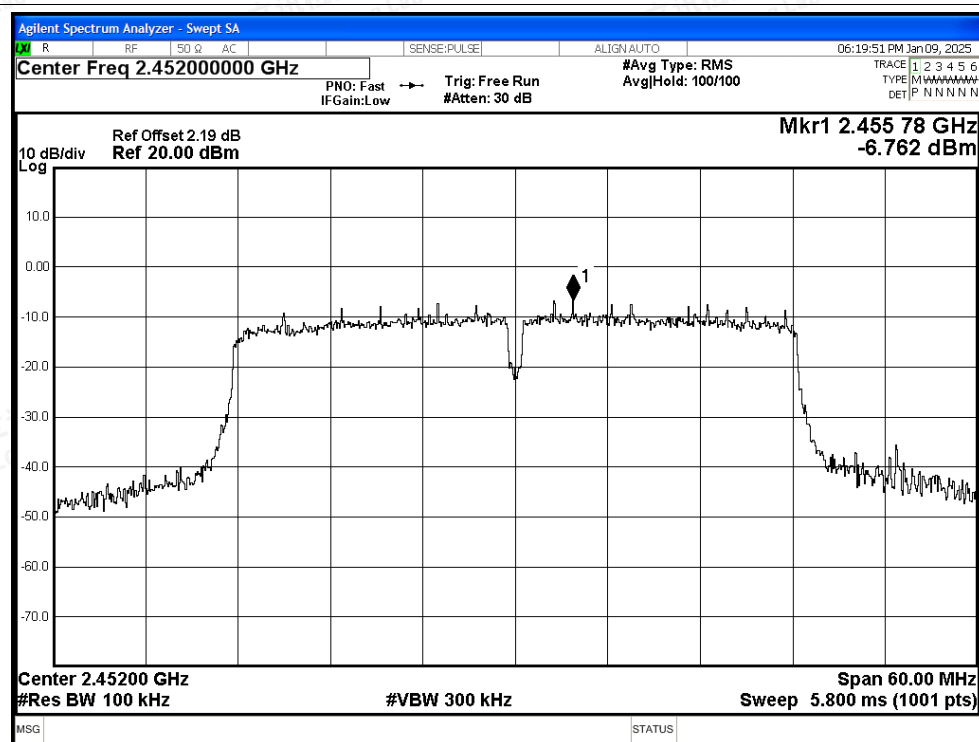
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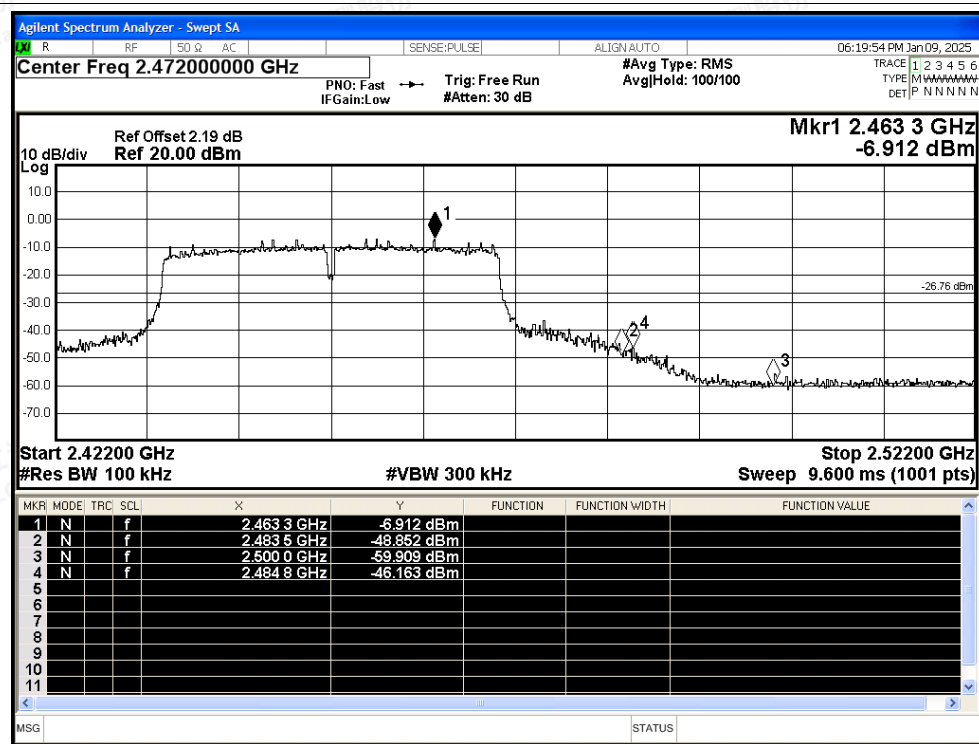




## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission



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## A.5 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -50.52          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -51.1           | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -50.95          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -44.38          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -43.83          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -44.17          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -41.24          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -41.92          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -42.17          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -39.47          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -40.41          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -38.85          | -20         | Pass    |

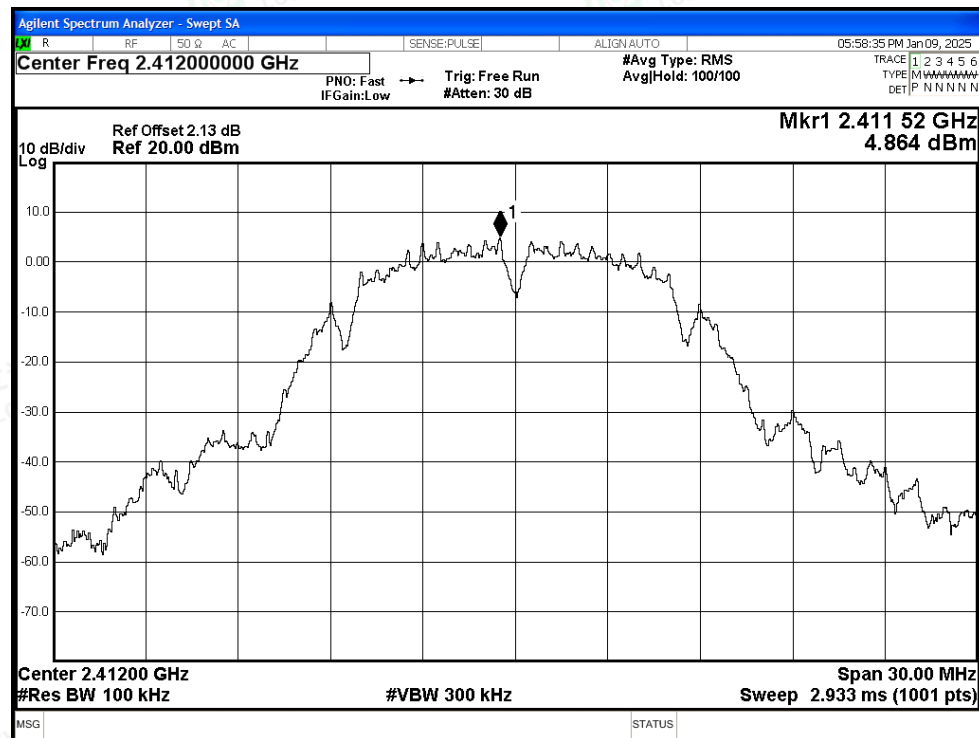


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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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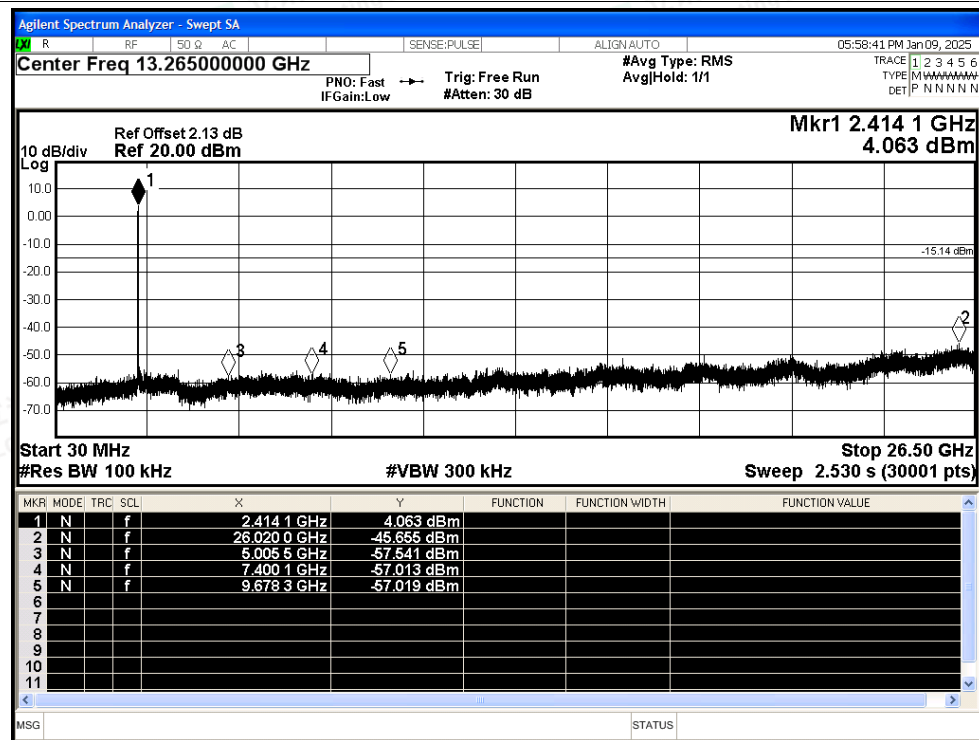


## Test Graphs

## Tx. Spurious NVNT b 2412MHz Ant1 Ref



## Tx. Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

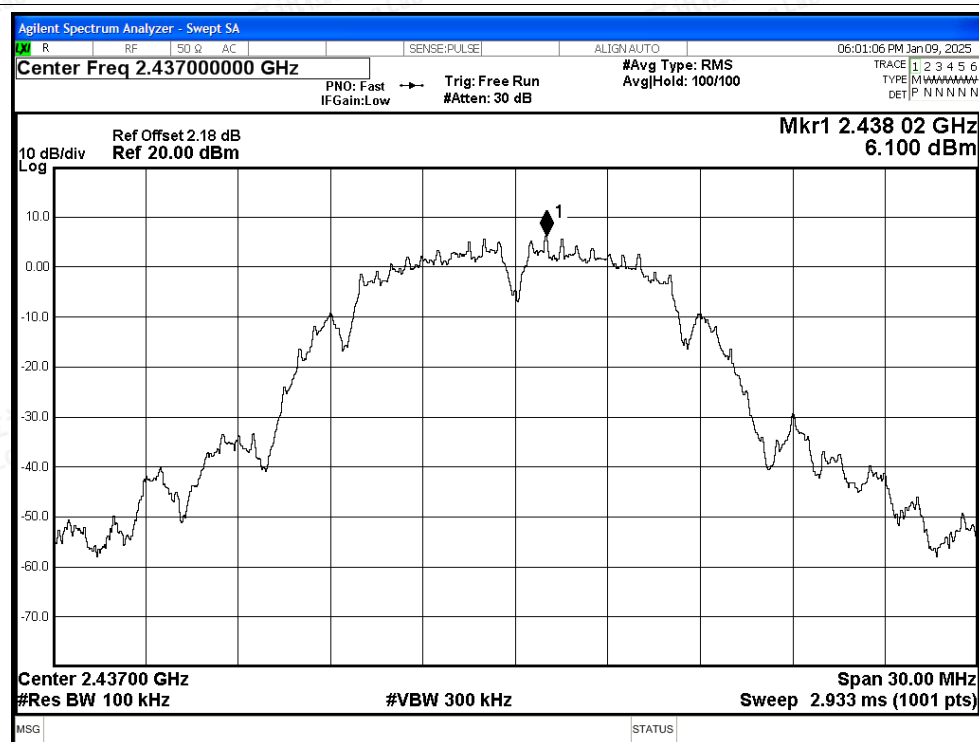
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

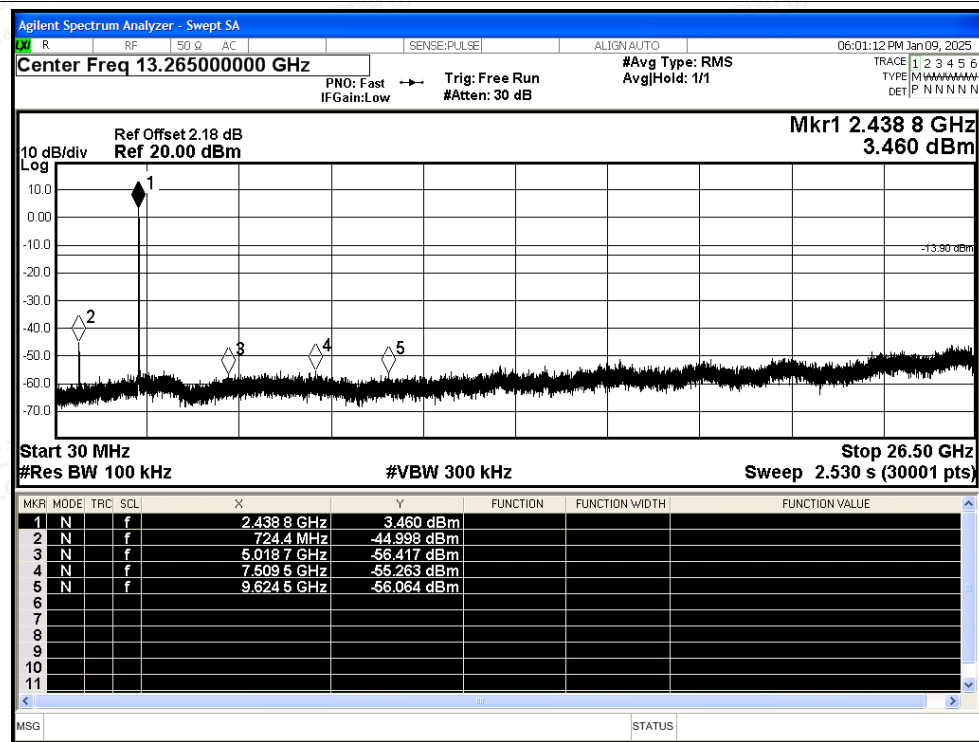
Scan code to check authenticity



## Tx. Spurious NVNT b 2437MHz Ant1 Ref



## Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

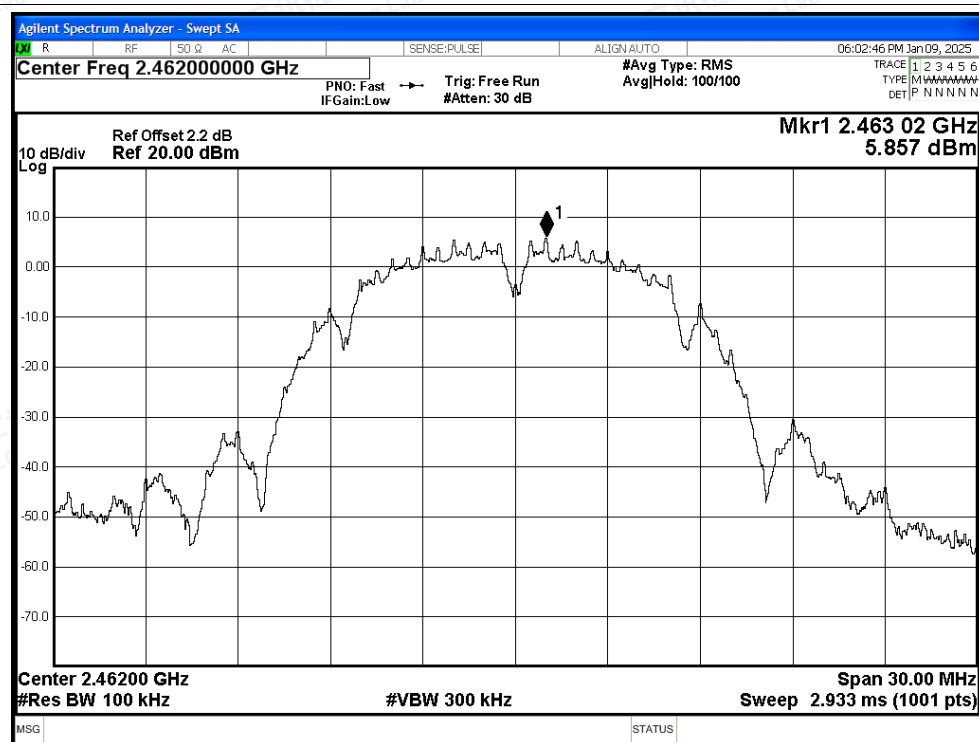
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

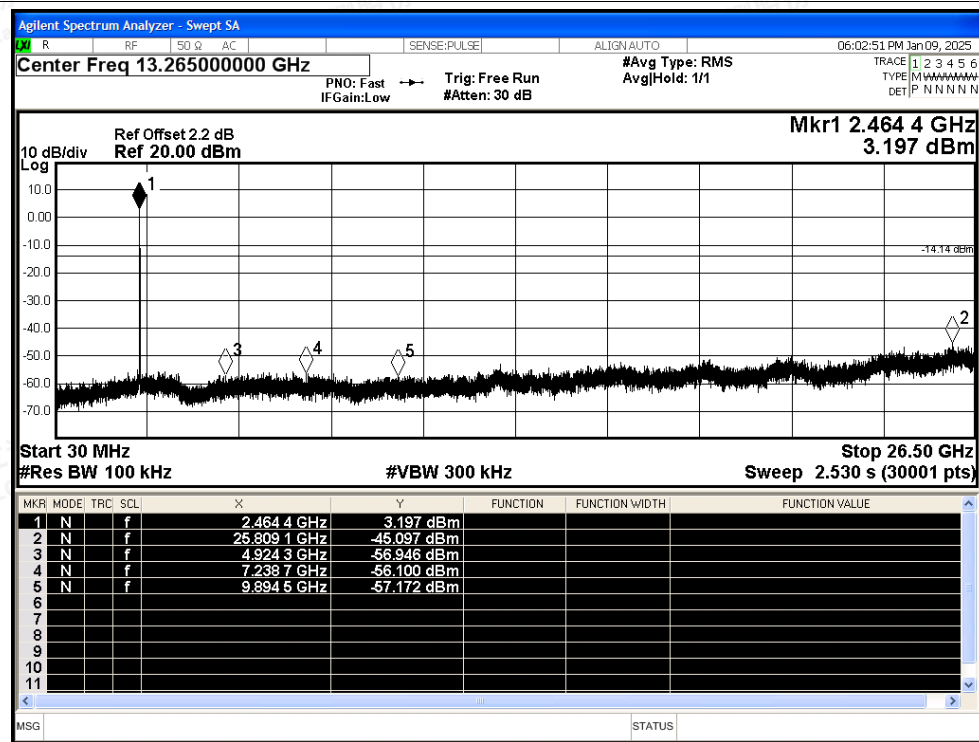
Scan code to check authenticity



## Tx. Spurious NVNT b 2462MHz Ant1 Ref



## Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

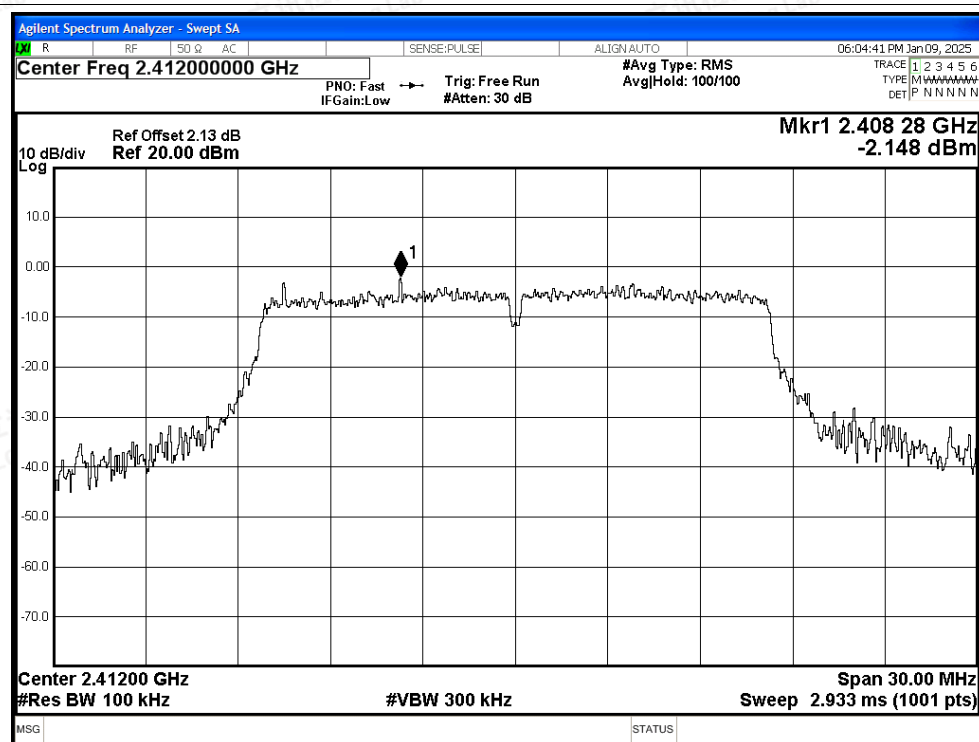
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

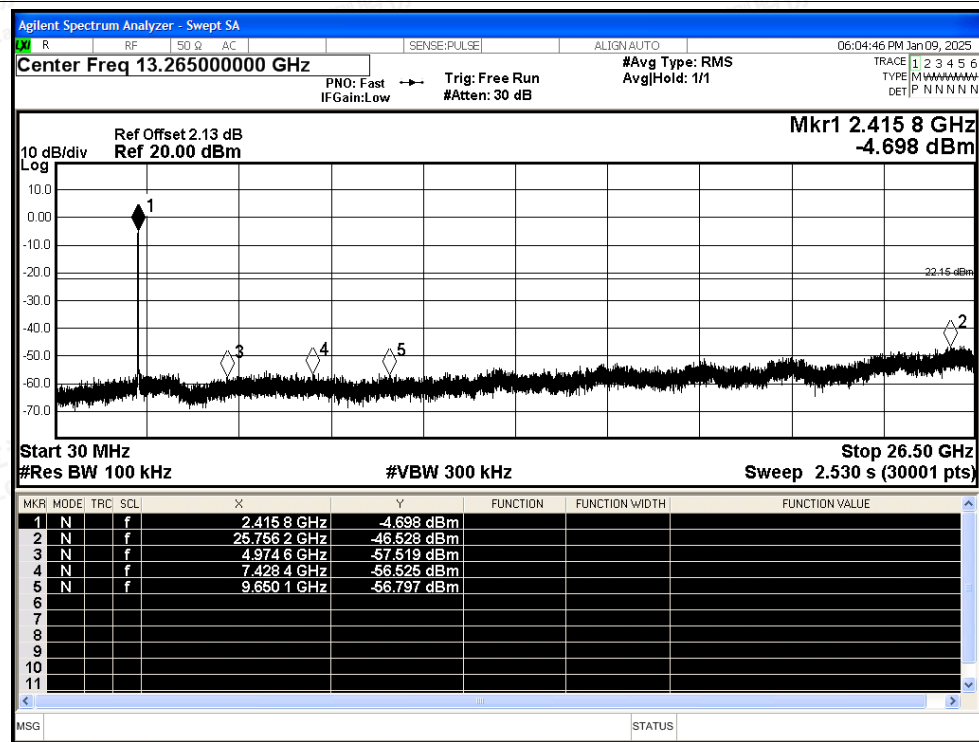
Scan code to check authenticity



## Tx. Spurious NVNT g 2412MHz Ant1 Ref



## Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

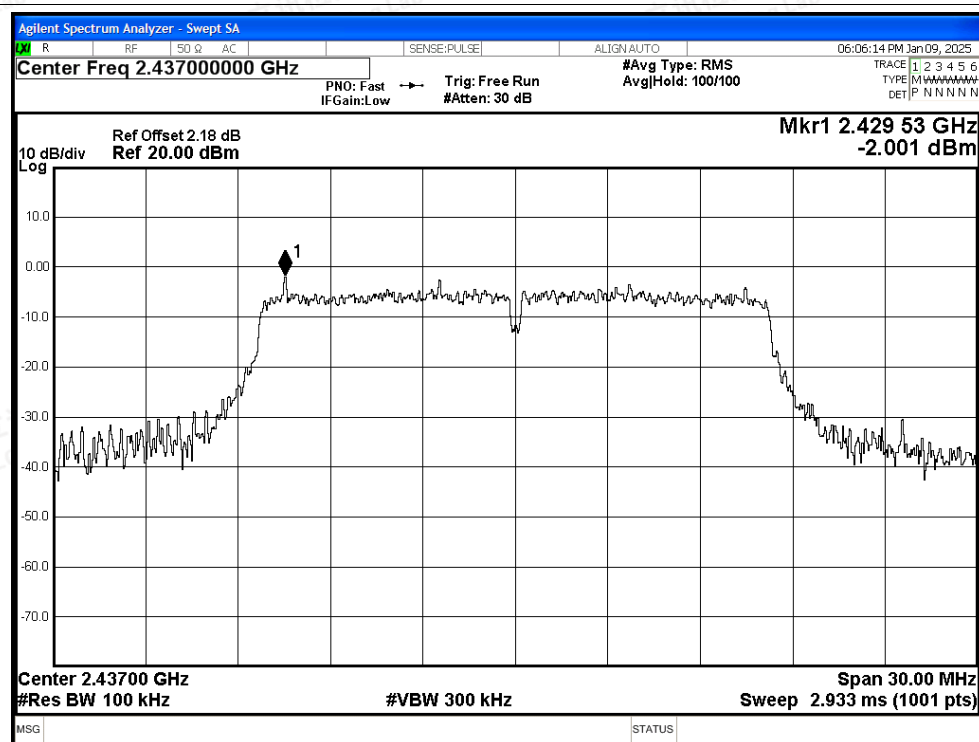
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

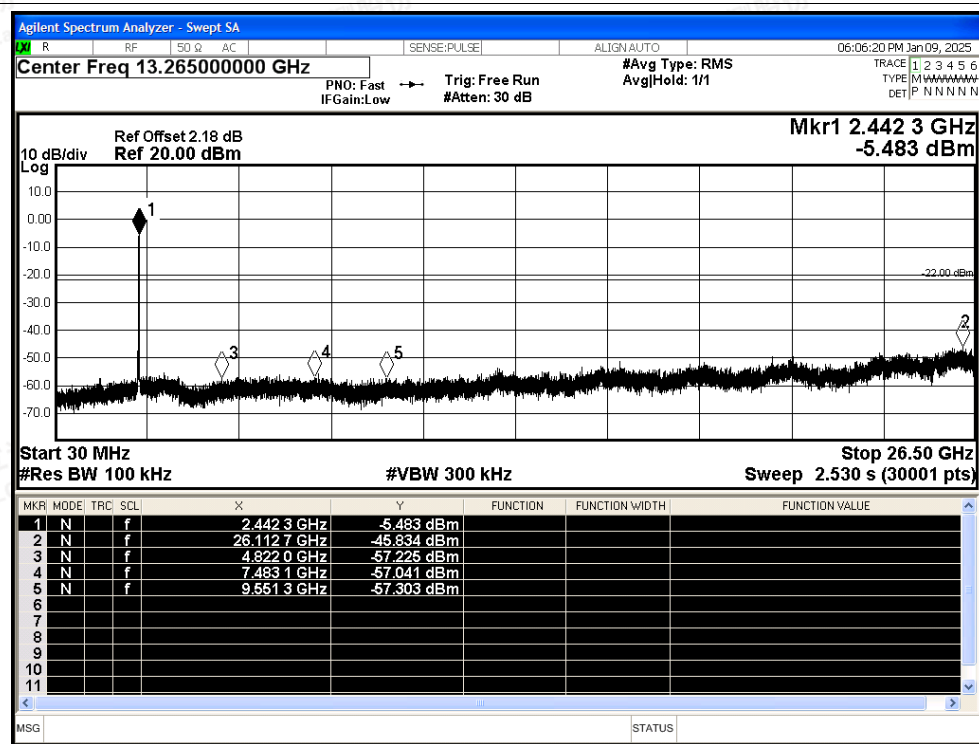
Scan code to check authenticity



## Tx. Spurious NVNT g 2437MHz Ant1 Ref



## Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

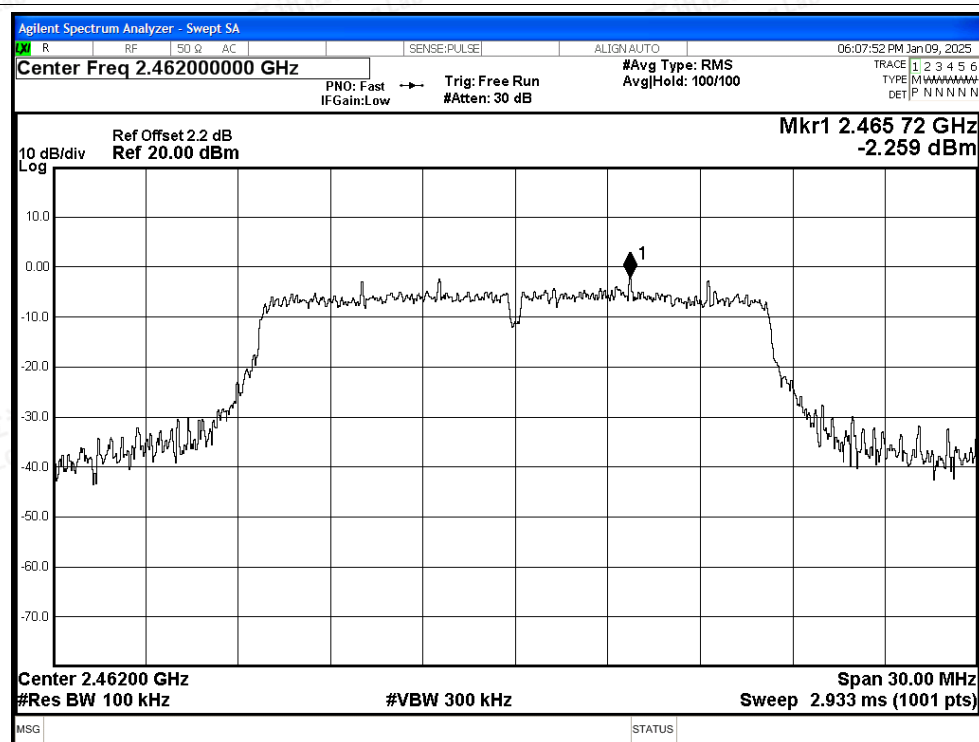
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

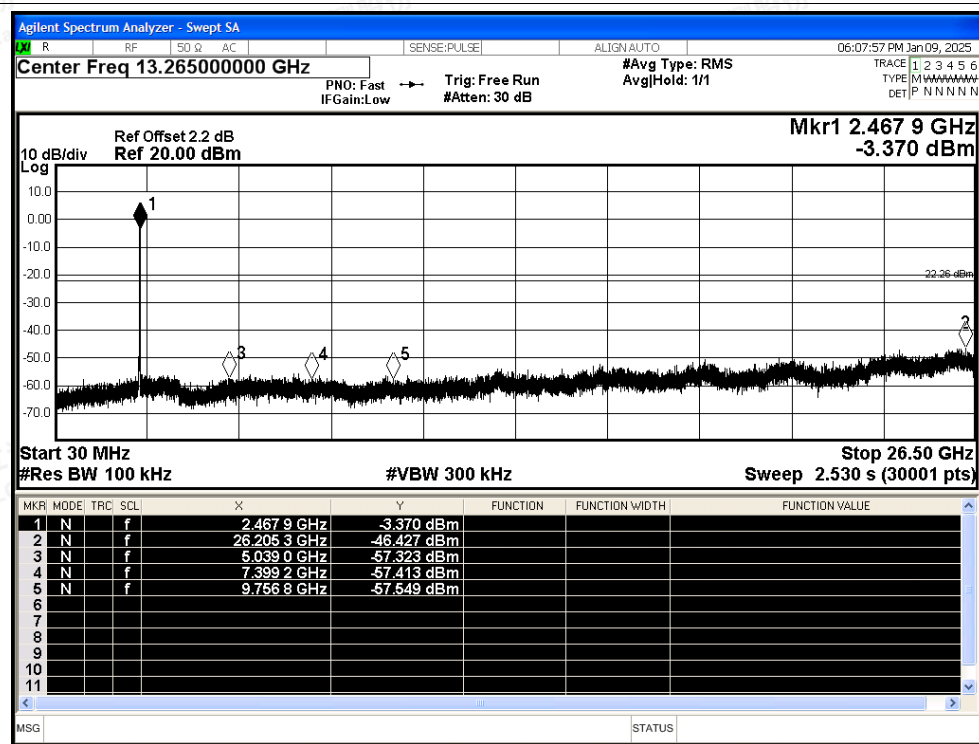




## Tx. Spurious NVNT g 2462MHz Ant1 Ref



## Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

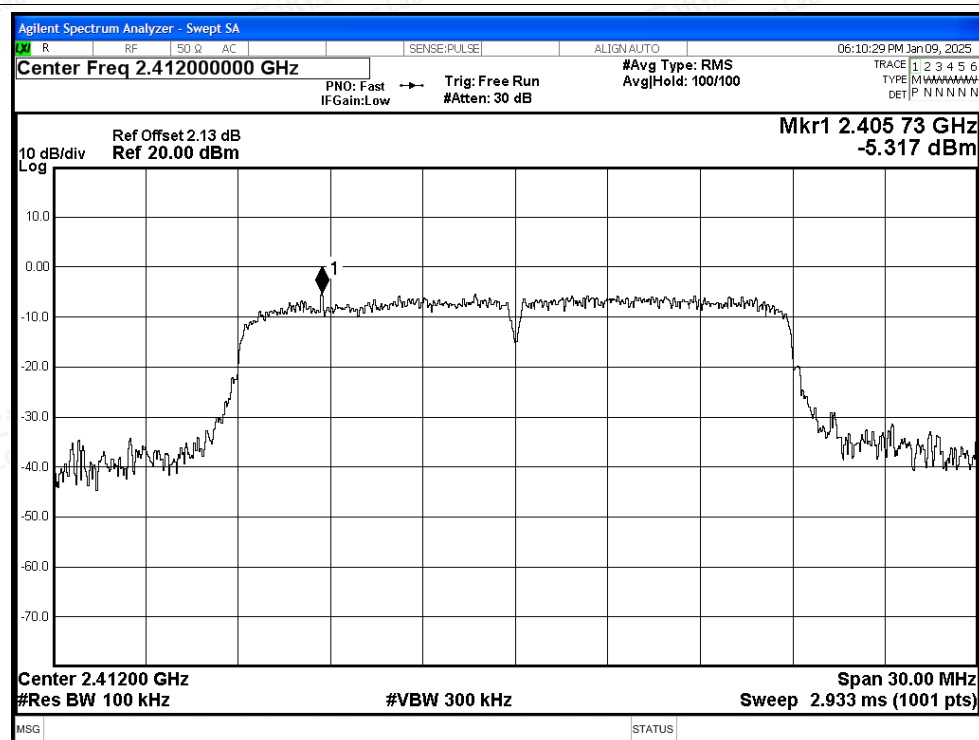
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

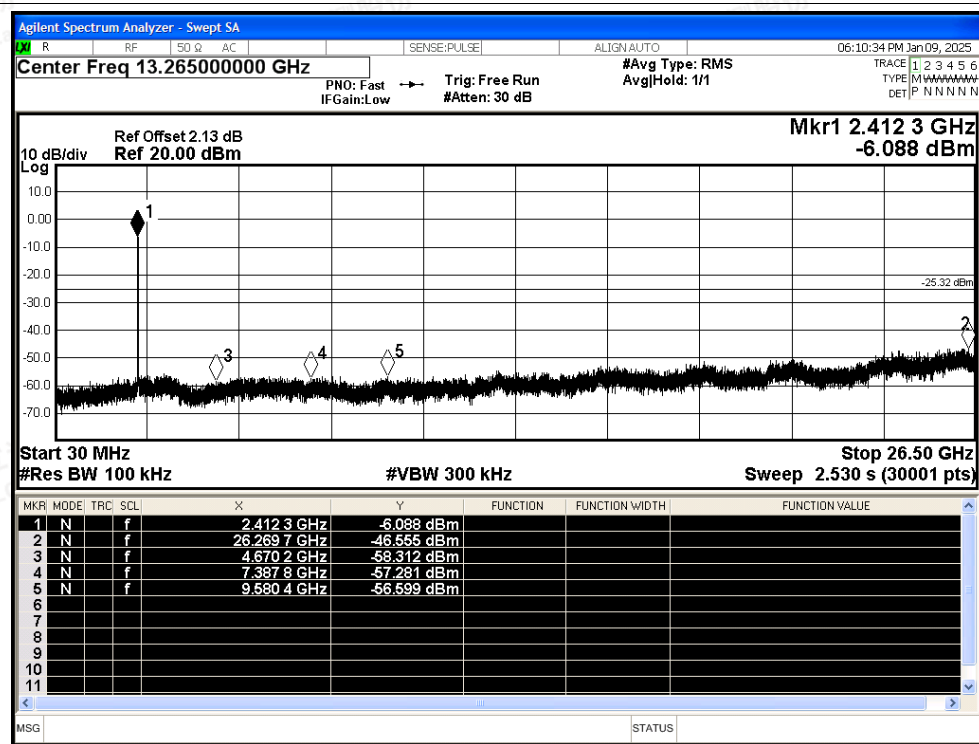




## Tx. Spurious NVNT n20 2412MHz Ant1 Ref



## Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

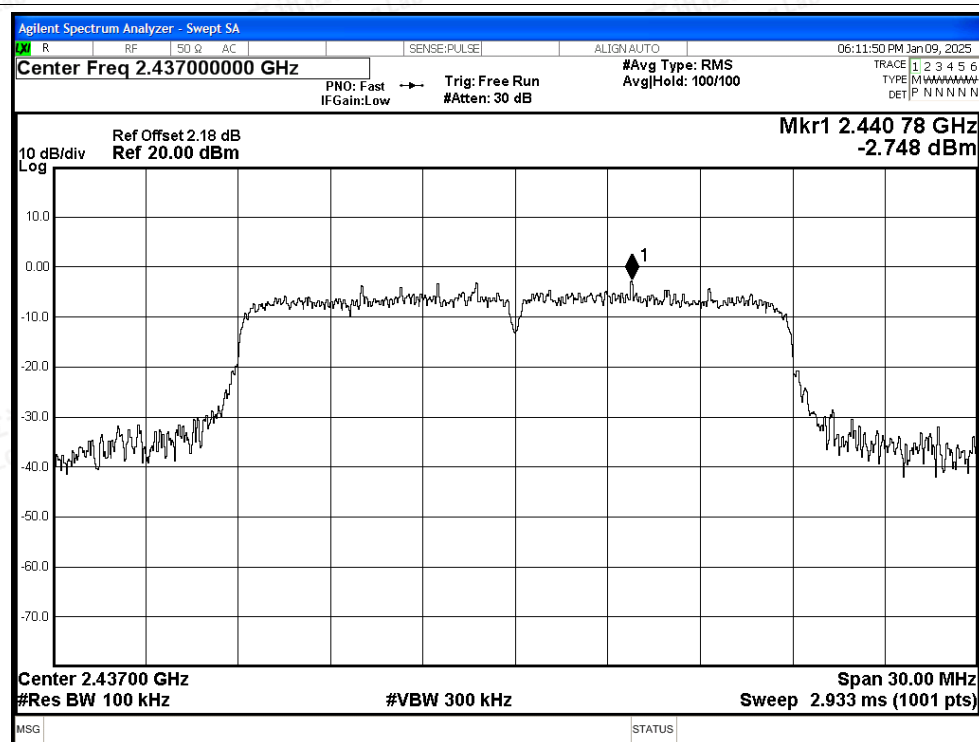
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

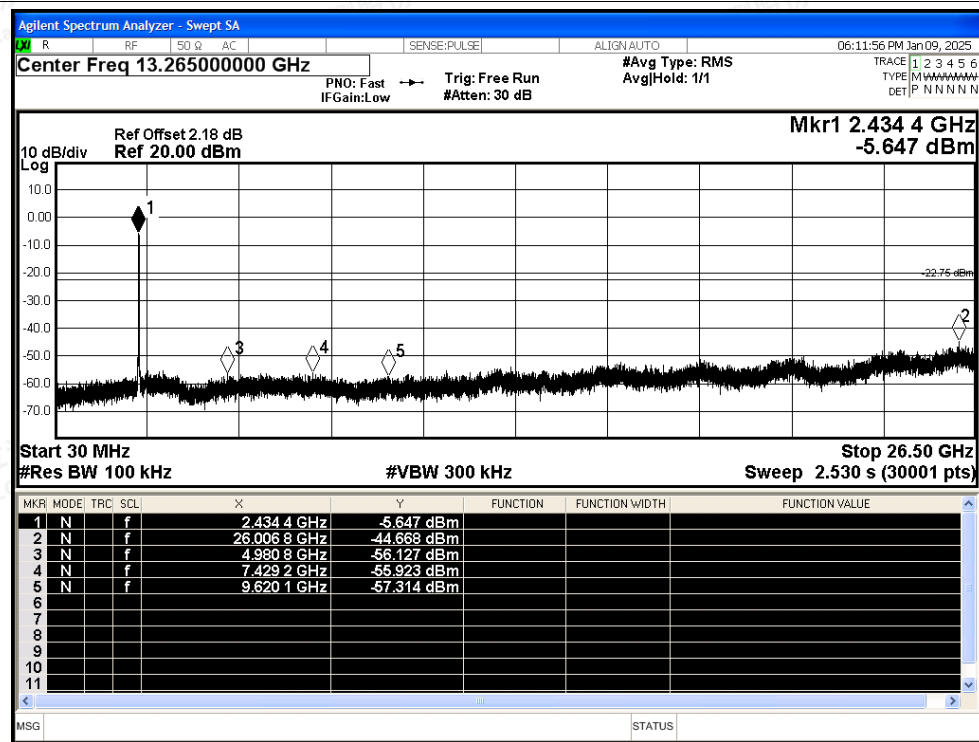
Scan code to check authenticity



## Tx. Spurious NVNT n20 2437MHz Ant1 Ref



## Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

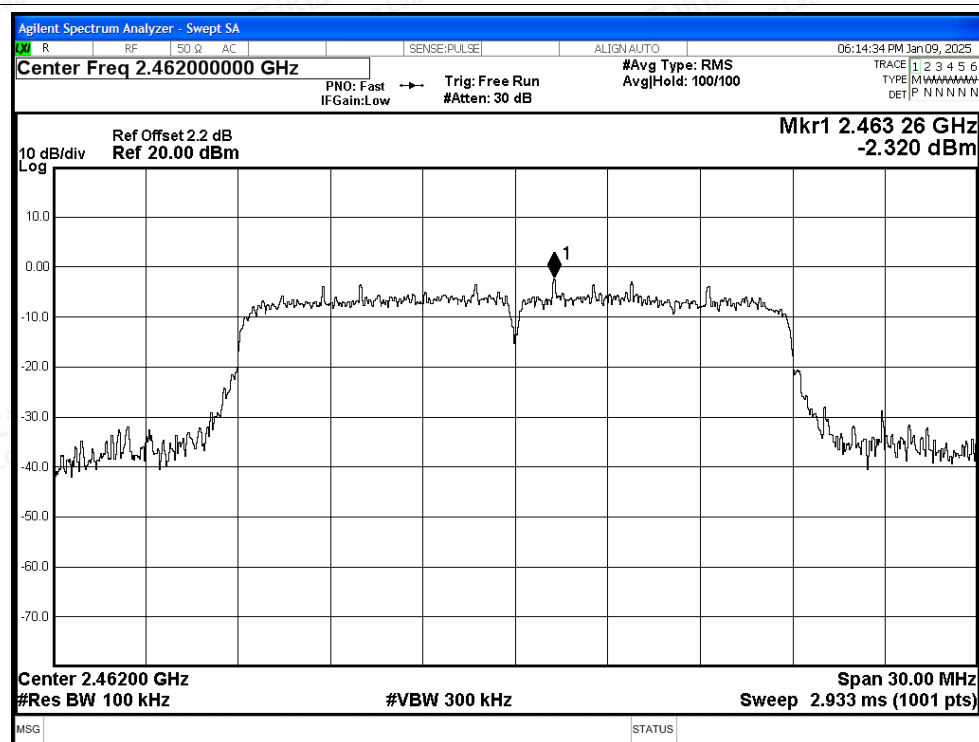
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

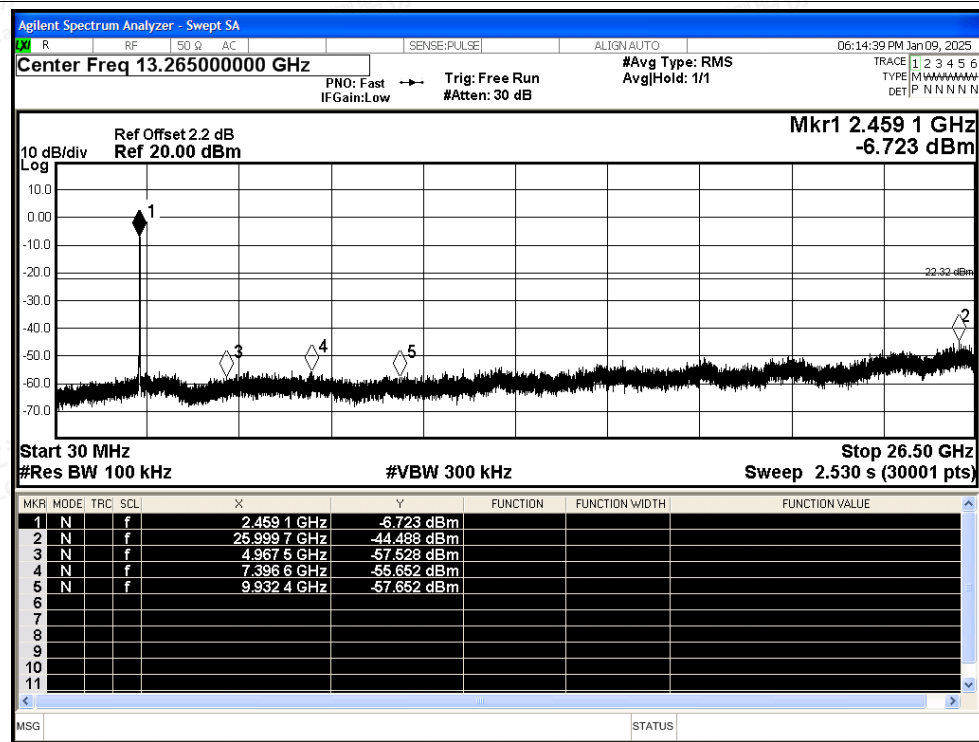
Scan code to check authenticity



## Tx. Spurious NVNT n20 2462MHz Ant1 Ref



## Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

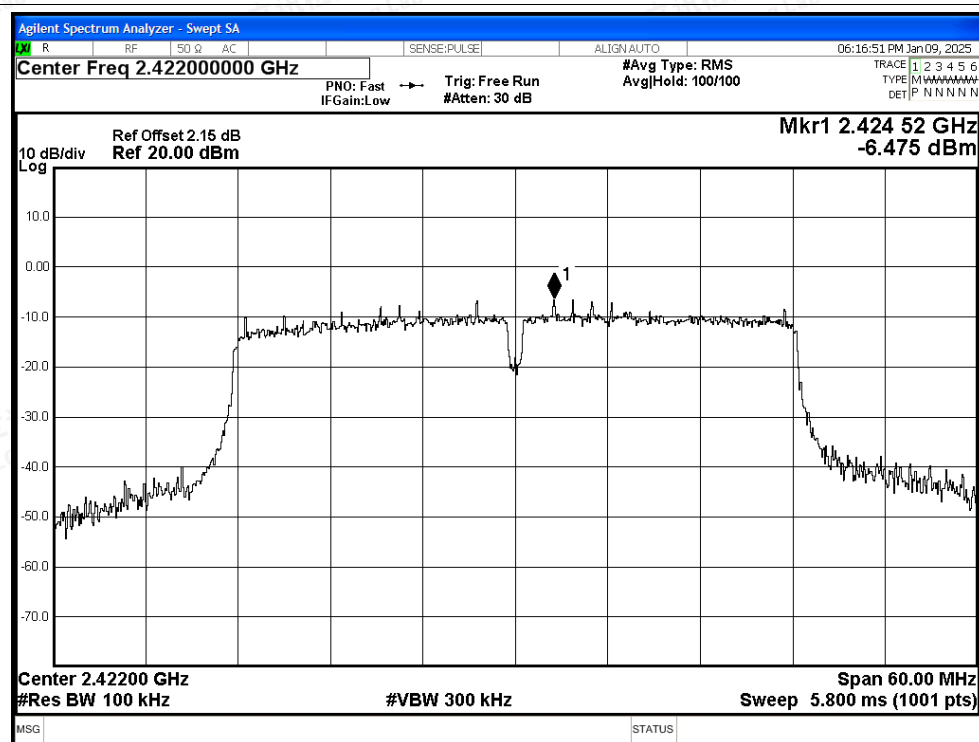
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

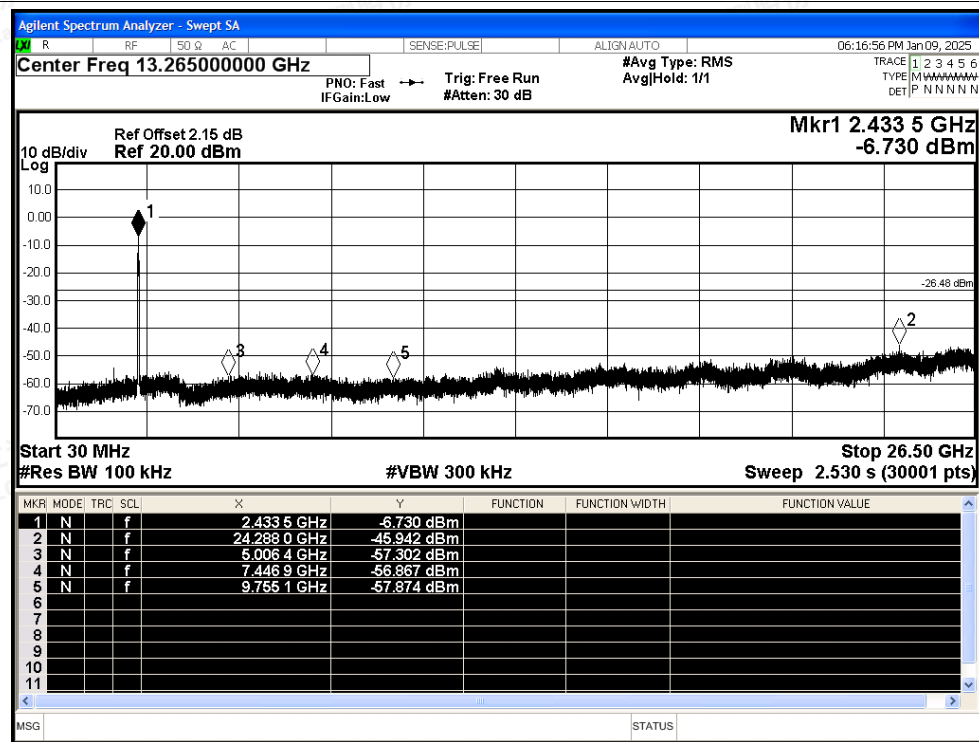
Scan code to check authenticity



## Tx. Spurious NVNT n40 2422MHz Ant1 Ref



## Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

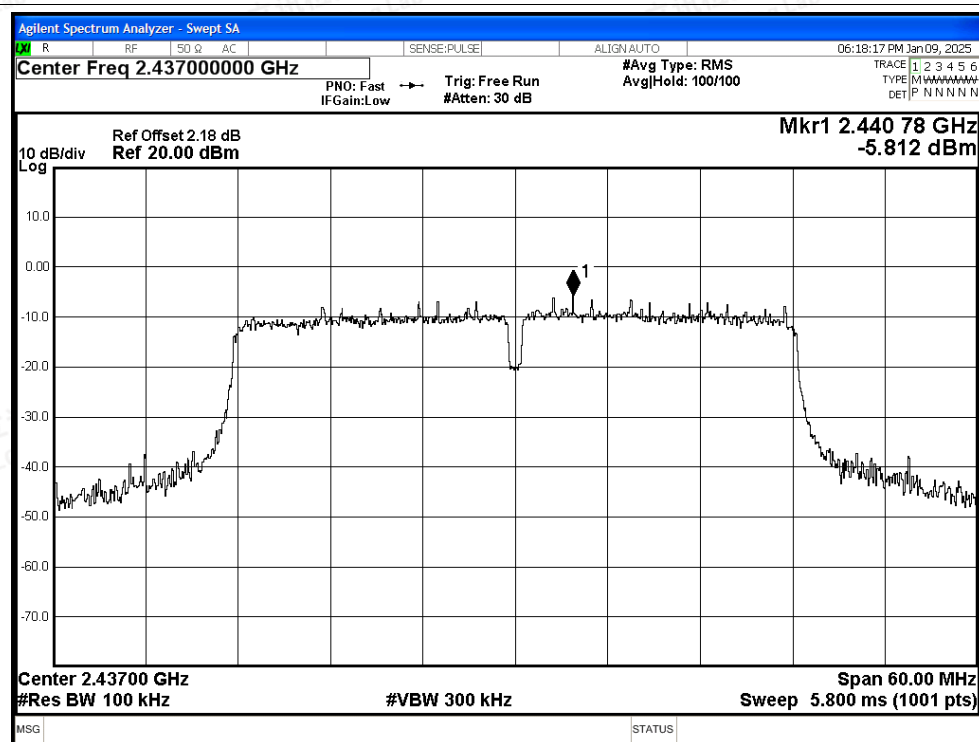
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

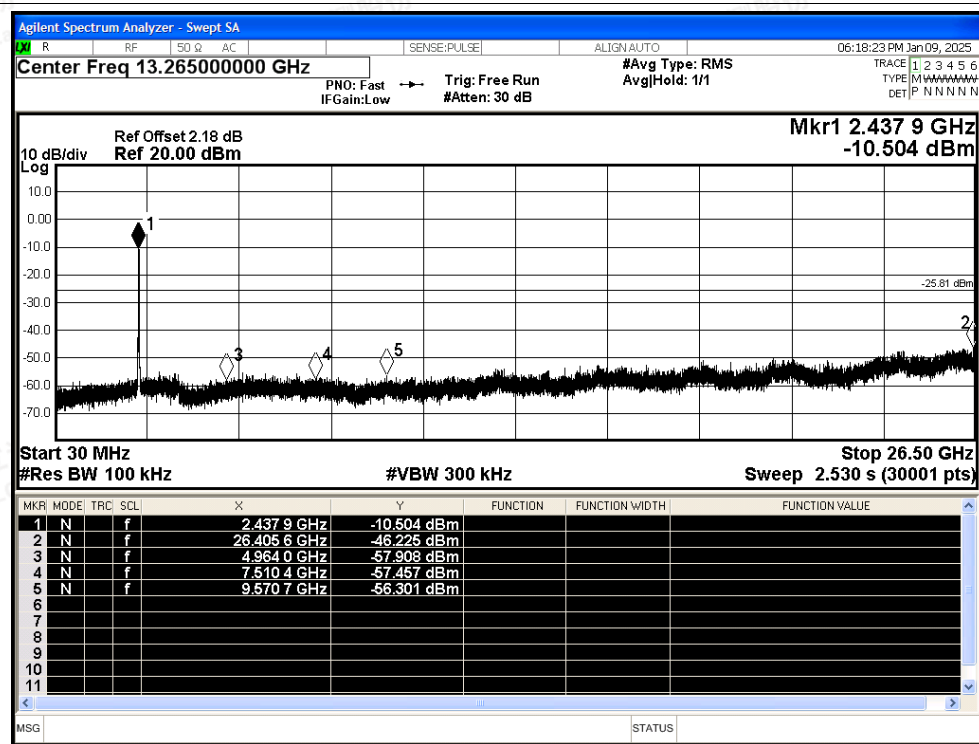
Scan code to check authenticity



## Tx. Spurious NVNT n40 2437MHz Ant1 Ref



## Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

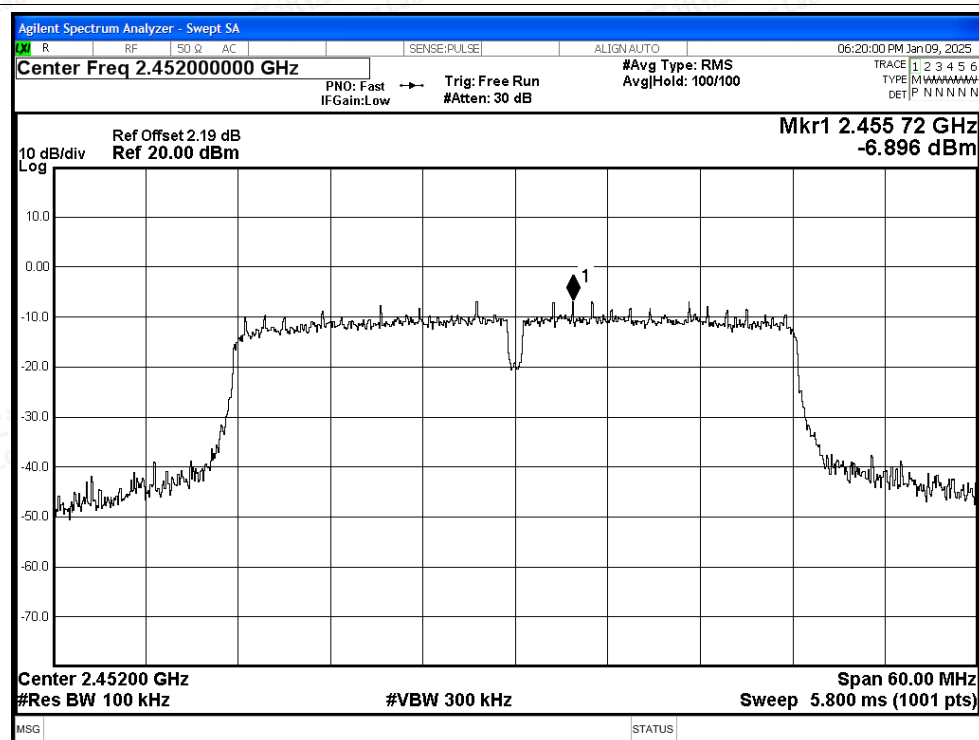
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

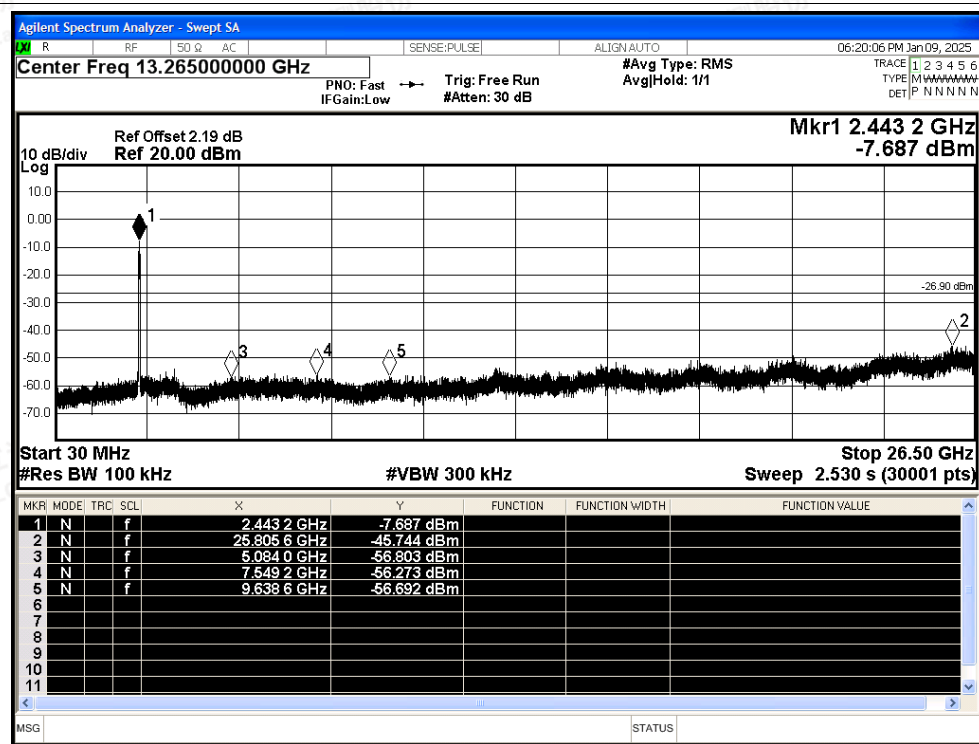
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## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission



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## A.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.13          | 0                      | 0.15      |
| NVNT      | b    | 2437            | Ant1    | 99.13          | 0                      | 0.15      |
| NVNT      | b    | 2462            | Ant1    | 99.16          | 0                      | 0.15      |
| NVNT      | g    | 2412            | Ant1    | 97.75          | 0.1                    | 0.37      |
| NVNT      | g    | 2437            | Ant1    | 97.68          | 0.1                    | 0.37      |
| NVNT      | g    | 2462            | Ant1    | 97.75          | 0.1                    | 0.37      |
| NVNT      | n20  | 2412            | Ant1    | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 2437            | Ant1    | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 2462            | Ant1    | 97.25          | 0.12                   | 0.44      |
| NVNT      | n40  | 2422            | Ant1    | 94.7           | 0.24                   | 0.9       |
| NVNT      | n40  | 2437            | Ant1    | 94.7           | 0.24                   | 0.9       |
| NVNT      | n40  | 2452            | Ant1    | 94.87          | 0.23                   | 0.9       |

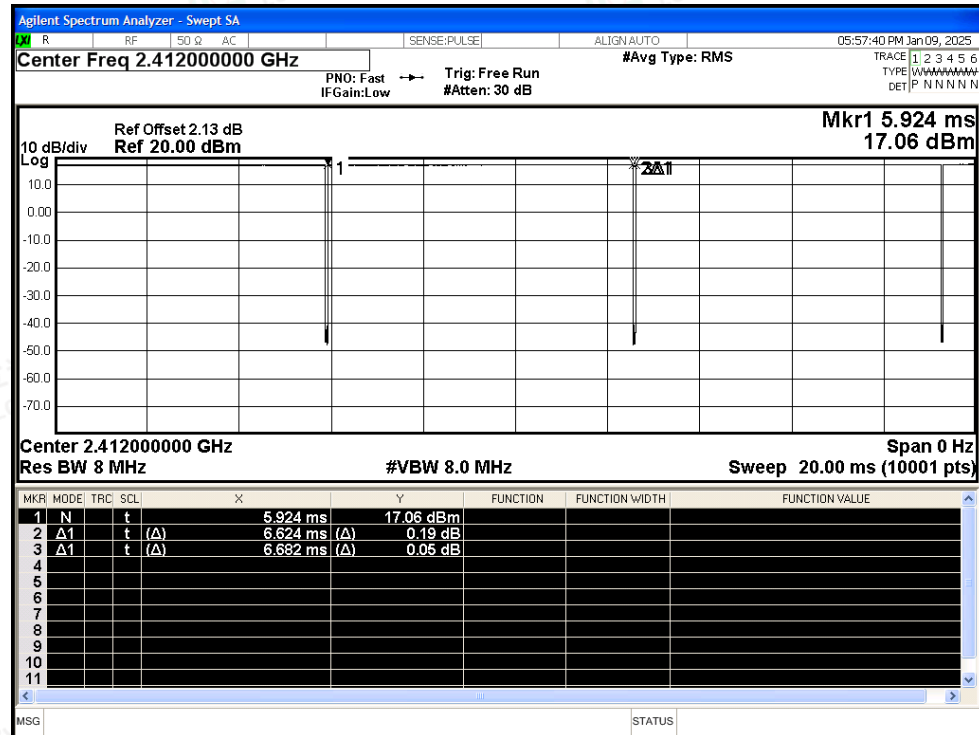


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

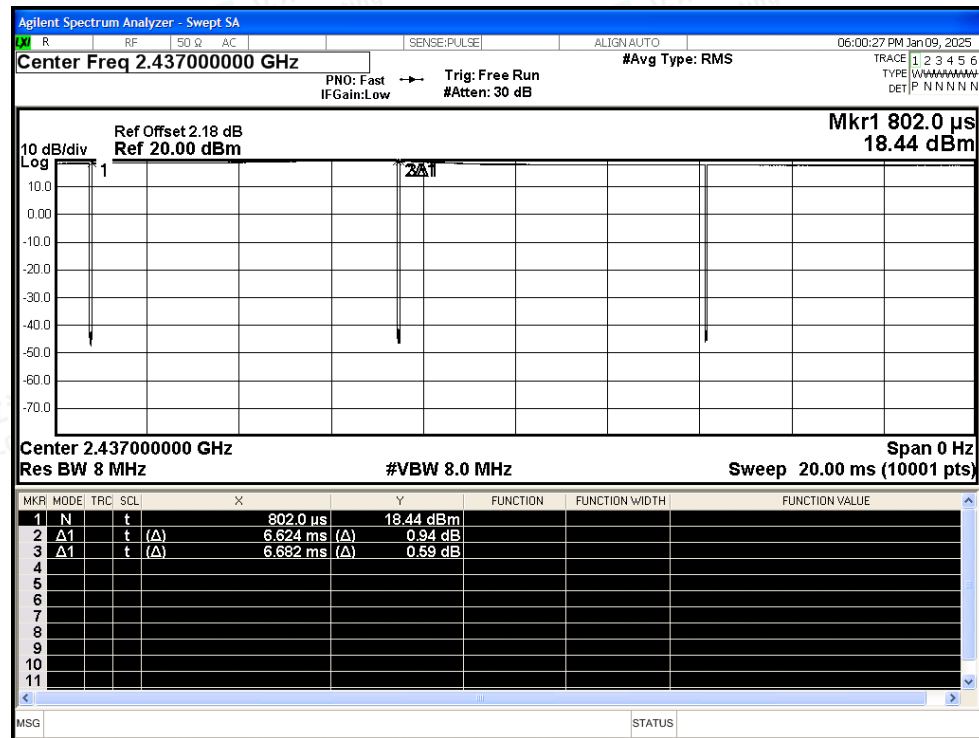


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1



## Duty Cycle NVNT b 2437MHz Ant1



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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

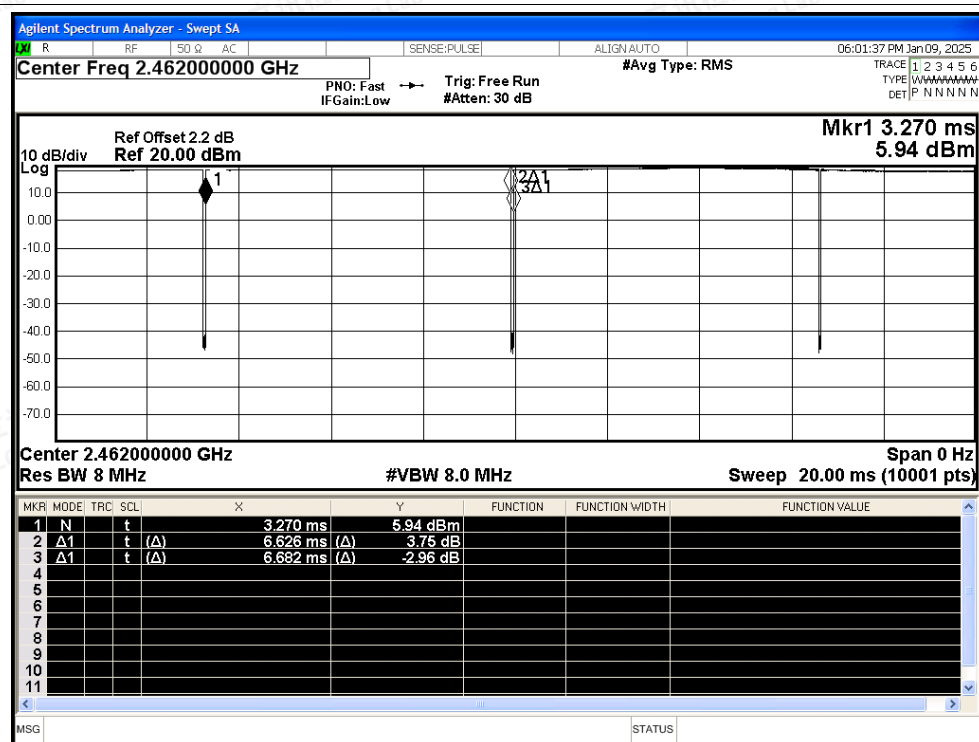
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

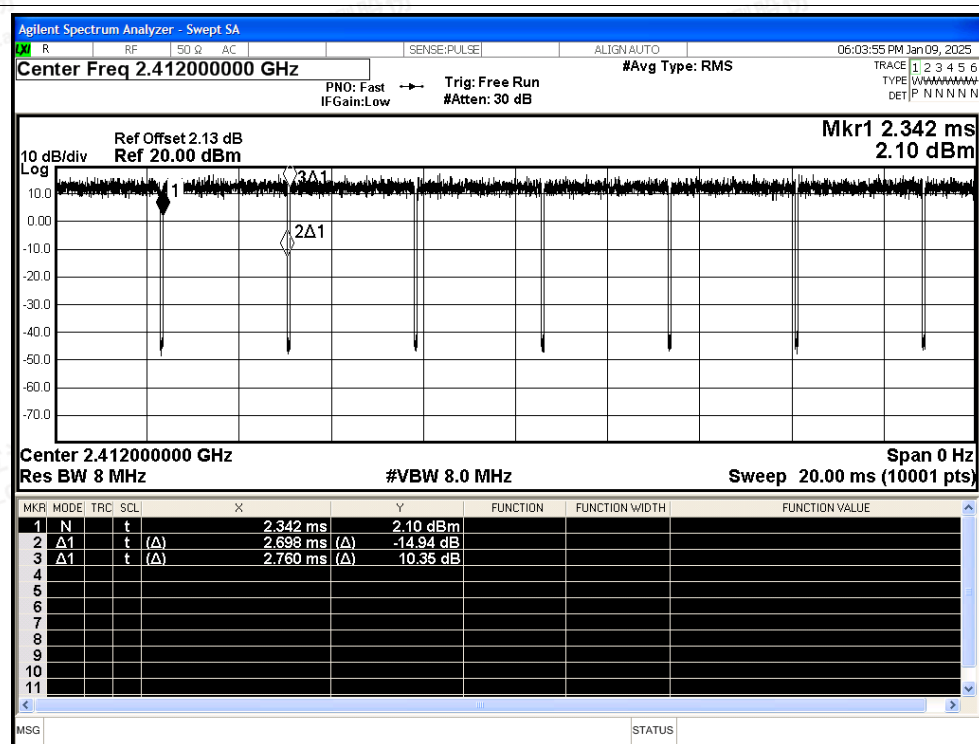




## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

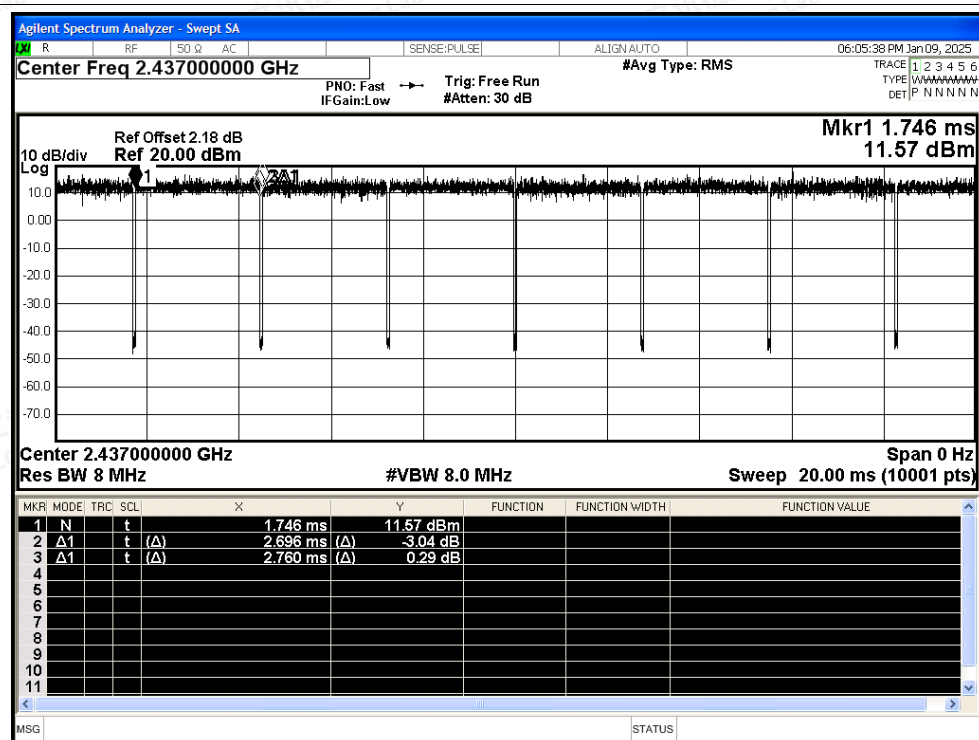
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

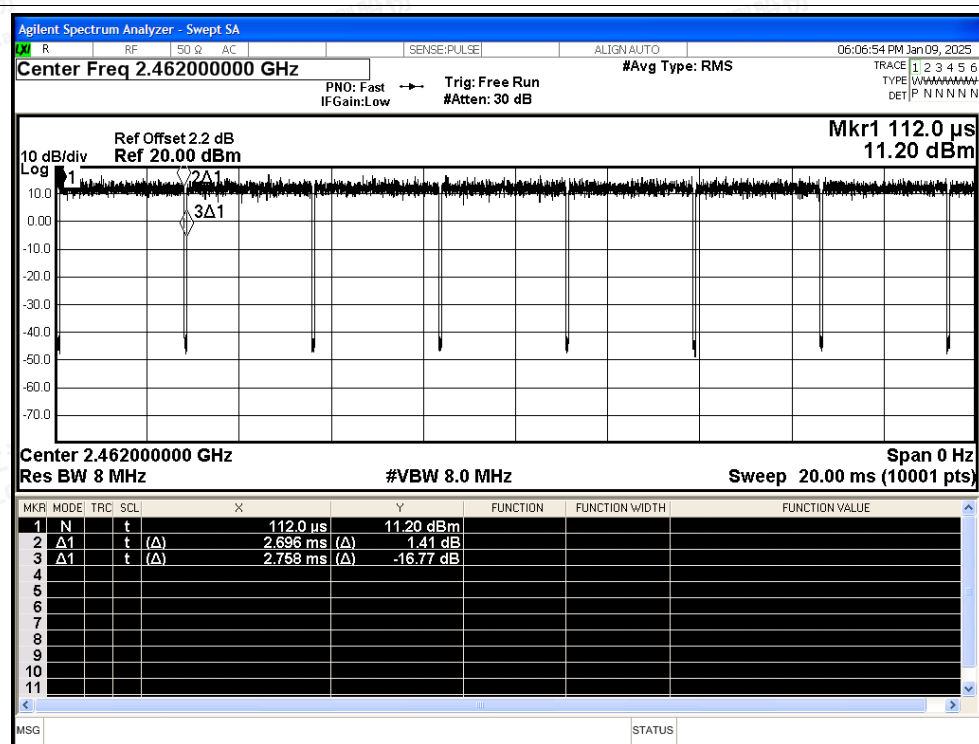
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1

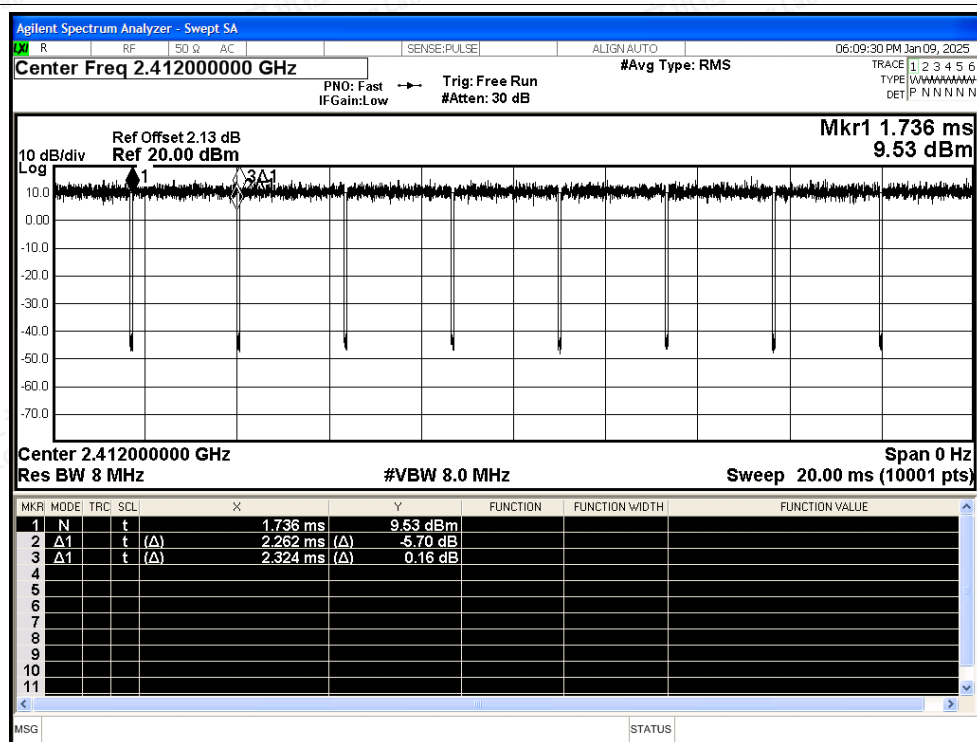


## Duty Cycle NVNT g 2462MHz Ant1

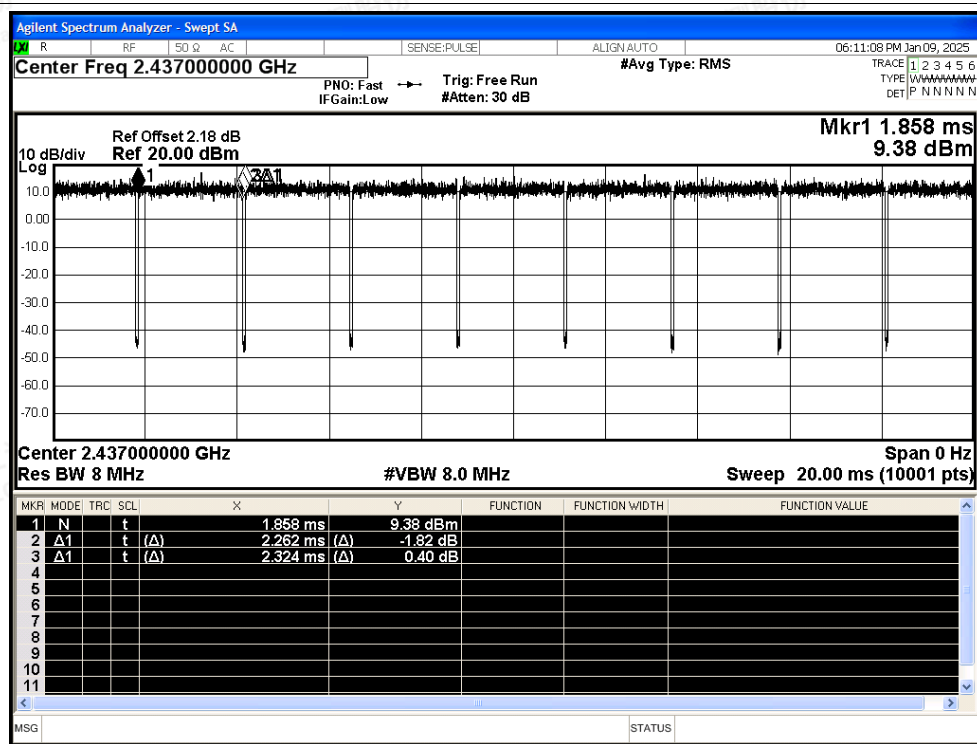




## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1

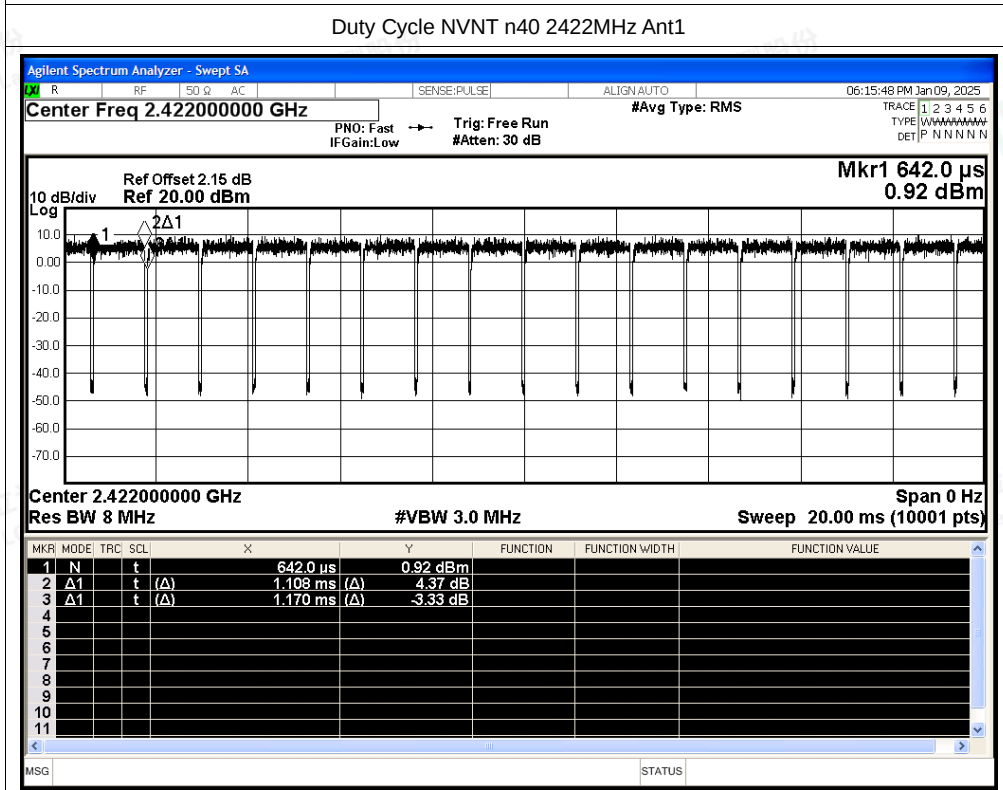
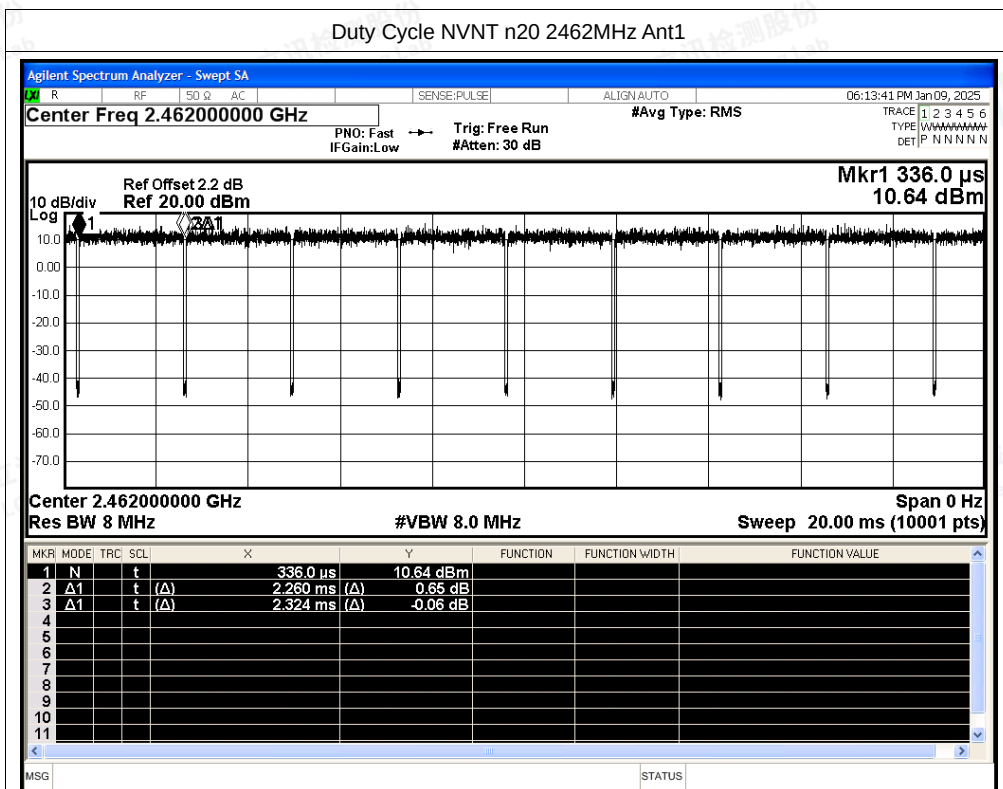


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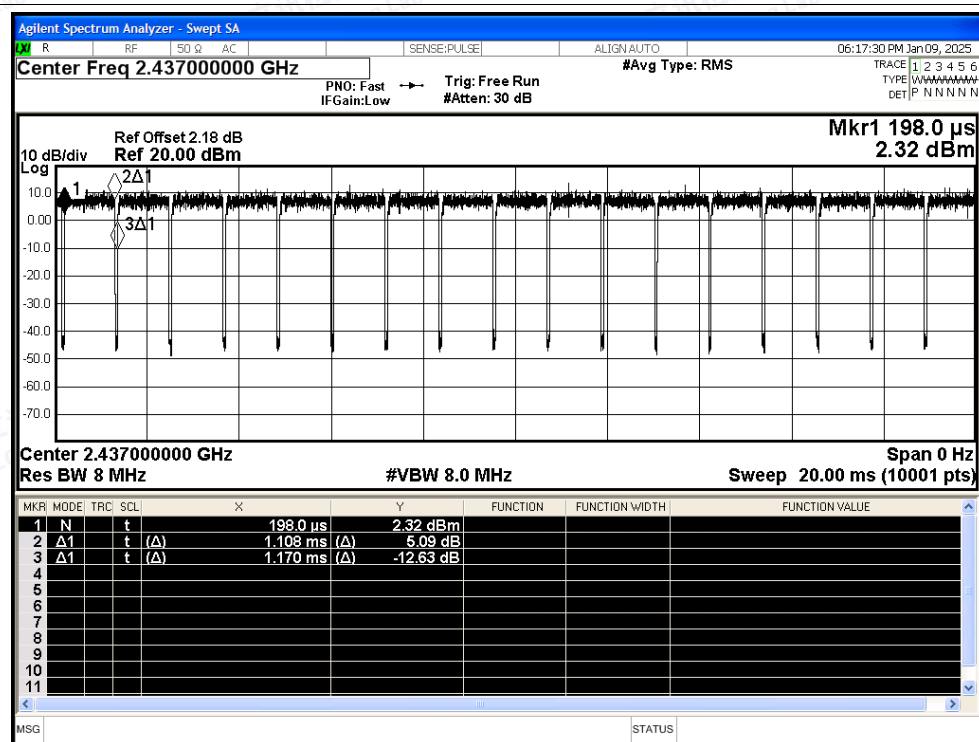
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

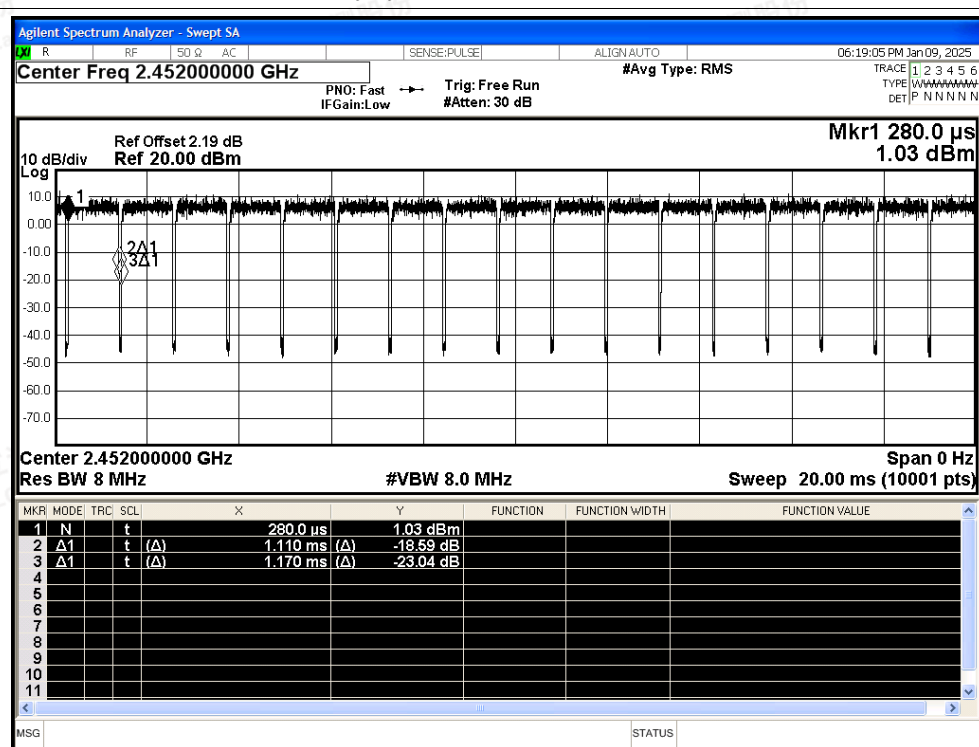
Scan code to check authenticity



## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

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## A.7 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | b    | 2412            | Ant1    | 2310            | -50.62      | 2.21       | -                | 46.85      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -58.82      | 2.21       | 0                | 38.65      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2389.56         | -47.38      | 2.21       | -                | 50.09      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2389.911        | -56.09      | 2.21       | 0                | 41.38      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -47.99      | 2.21       | -                | 49.48      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -56.37      | 2.21       | 0                | 41.1       | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -45.57      | 2.21       | -                | 51.9       | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -55.95      | 2.21       | 0                | 41.52      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2485.054        | -44.54      | 2.21       | -                | 52.93      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2485.001        | -55.06      | 2.21       | 0                | 42.41      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -49.76      | 2.21       | -                | 47.71      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -58.09      | 2.21       | 0                | 39.38      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -51.06      | 2.21       | -                | 46.41      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -58.58      | 2.21       | 0.1              | 38.99      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.794        | -42.99      | 2.21       | -                | 54.48      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.326        | -55.66      | 2.21       | 0.1              | 41.91      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -45.62      | 2.21       | -                | 51.85      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -55.35      | 2.21       | 0.1              | 42.22      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -42.8       | 2.21       | -                | 54.67      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -53.83      | 2.21       | 0.1              | 43.74      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.57         | -37.05      | 2.21       | -                | 60.42      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.676        | -53.39      | 2.21       | 0.1              | 44.18      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -50.5       | 2.21       | -                | 46.97      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -57.88      | 2.21       | 0.1              | 39.69      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -49.34      | 2.21       | -                | 48.13      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -58.43      | 2.21       | 0.12             | 39.16      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.677        | -36.16      | 2.21       | -                | 61.31      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.443        | -52.47      | 2.21       | 0.12             | 45.12      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -37.03      | 2.21       | -                | 60.44      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -53.23      | 2.21       | 0.12             | 44.36      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -38.61      | 2.21       | -                | 58.86      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -51.97      | 2.21       | 0.12             | 45.62      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.57         | -35.76      | 2.21       | -                | 61.71      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.517        | -51.97      | 2.21       | 0.12             | 45.62      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -49.47      | 2.21       | -                | 48         | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -57.89      | 2.21       | 0.12             | 39.7       | Average  | 54             | Pass    |



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|      |     |      |      |          |        |      |      |       |         |    |      |
|------|-----|------|------|----------|--------|------|------|-------|---------|----|------|
| NVNT | n40 | 2422 | Ant1 | 2310     | -50.59 | 2.21 | -    | 46.88 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2310     | -58.54 | 2.21 | 0.24 | 39.17 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.378 | -38.56 | 2.21 | -    | 58.91 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2388.81  | -53.14 | 2.21 | 0.24 | 44.57 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -40.15 | 2.21 | -    | 57.32 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -53.55 | 2.21 | 0.24 | 44.16 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -37.2  | 2.21 | -    | 60.27 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -52.18 | 2.21 | 0.23 | 45.52 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2484.244 | -34.7  | 2.21 | -    | 62.77 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.698 | -50.91 | 2.21 | 0.23 | 46.79 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -50.29 | 2.21 | -    | 47.18 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -58.18 | 2.21 | 0.23 | 39.52 | Average | 54 | Pass |



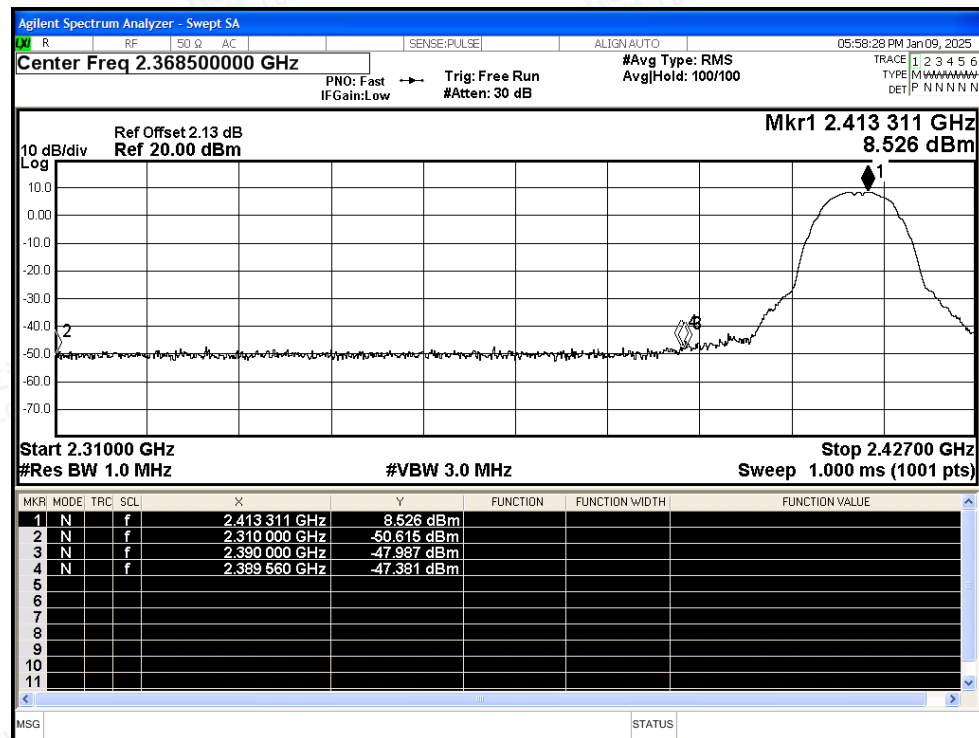
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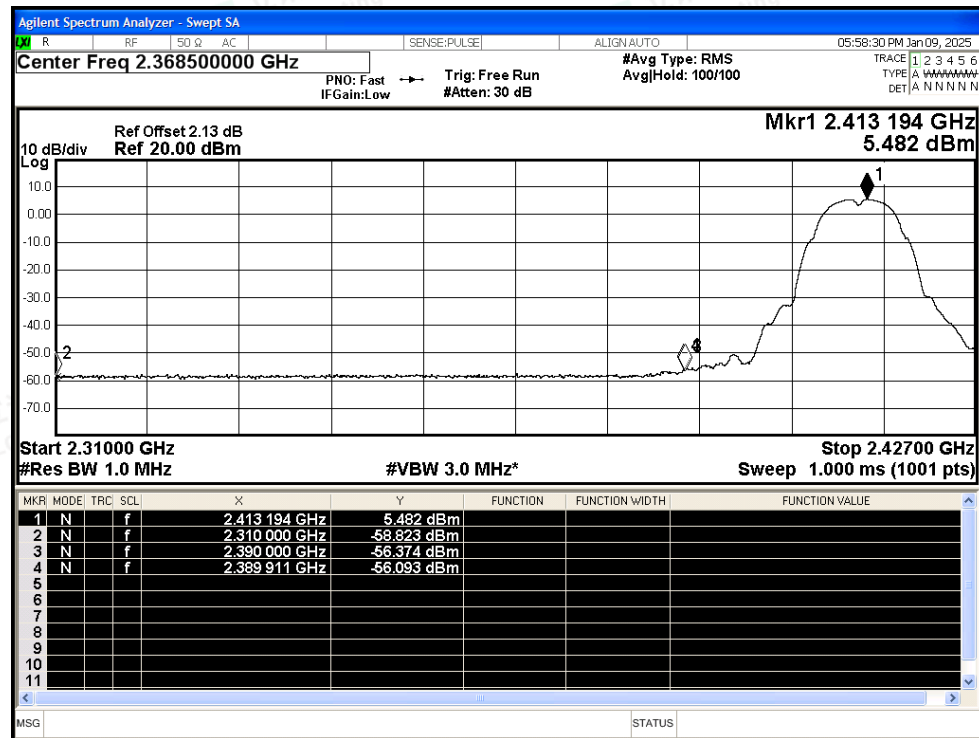


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak



## Restrict Band NVNT b 2412MHz Ant1 Average



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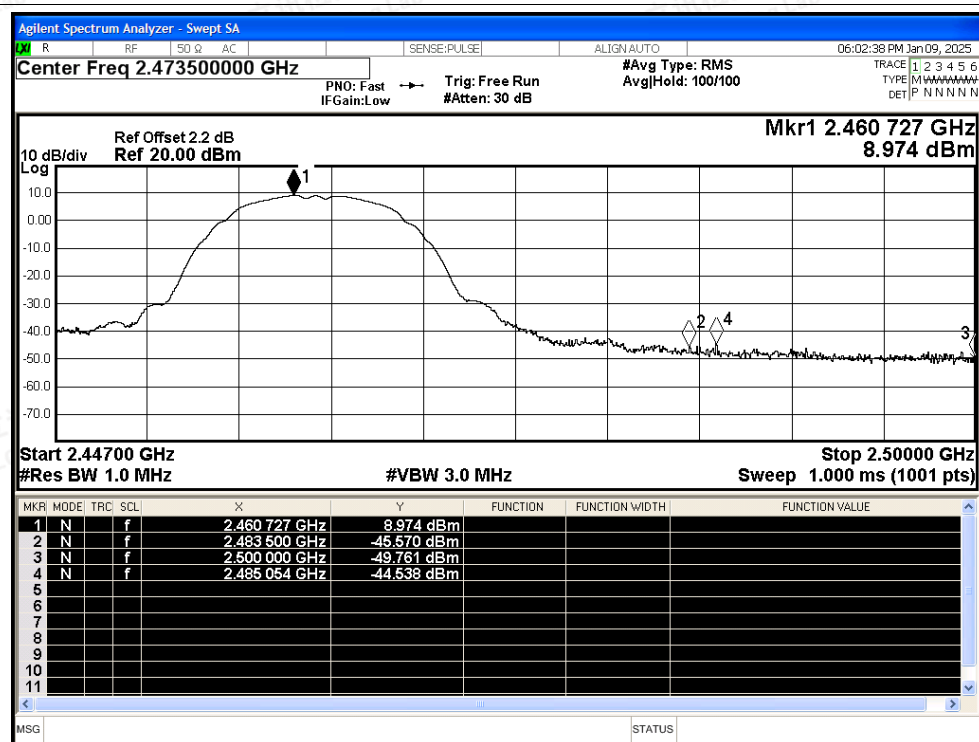
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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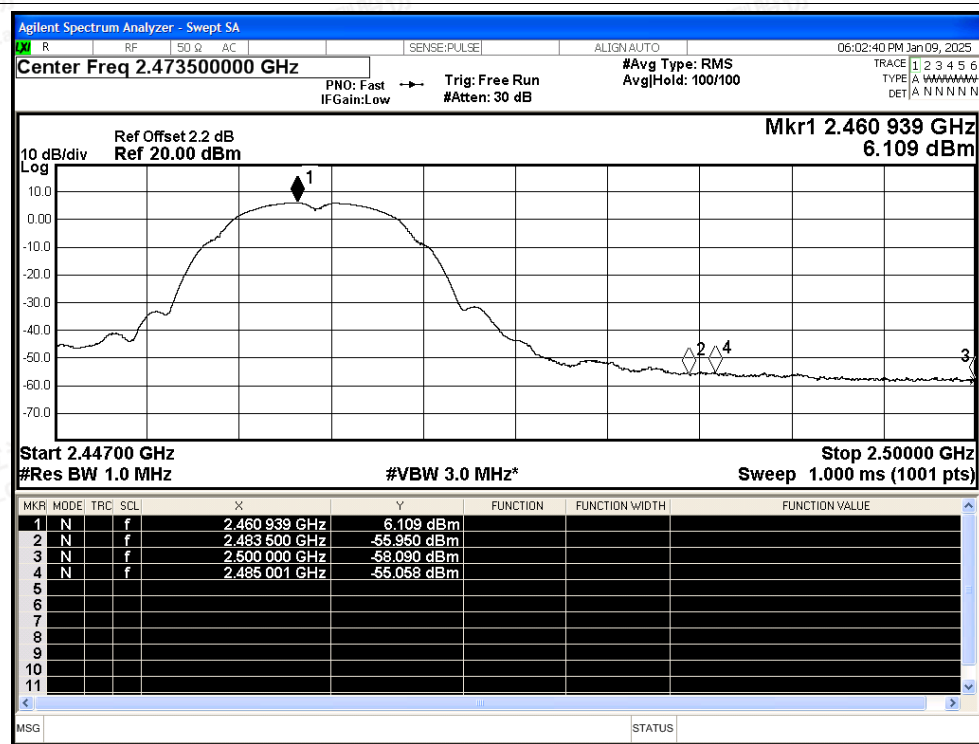




## Restrict Band NVNT b 2462MHz Ant1 Peak



## Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

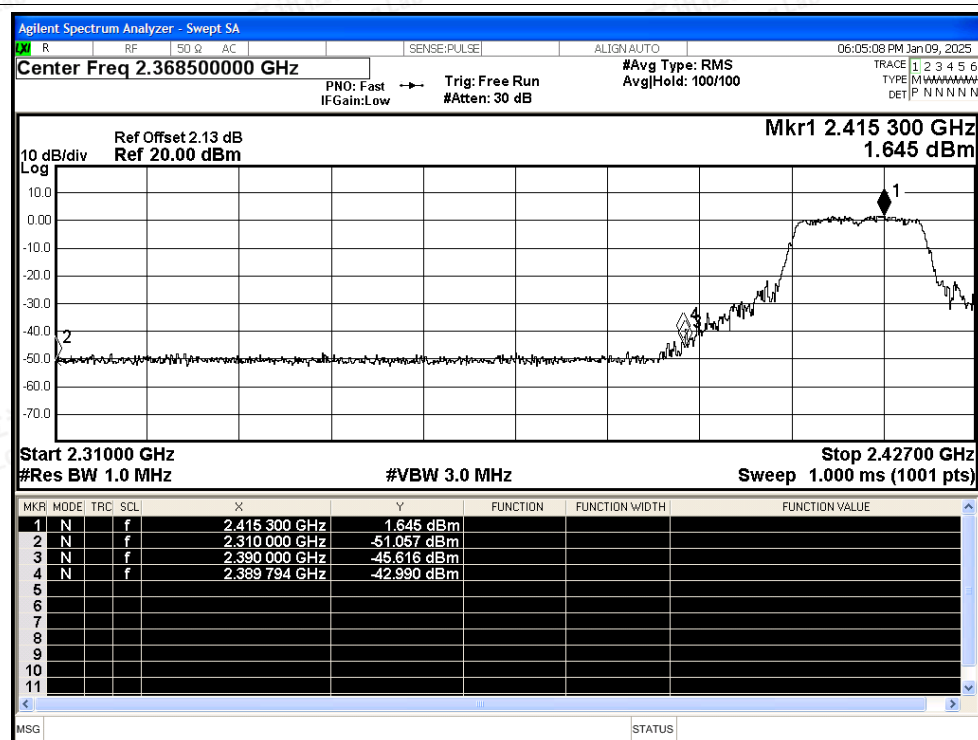
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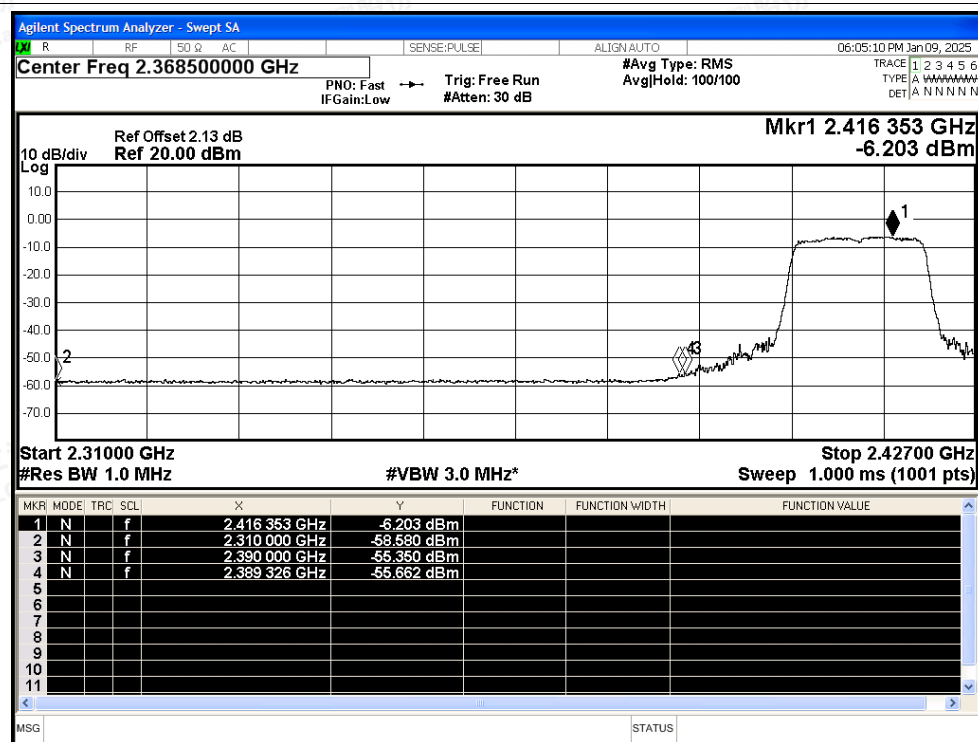
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## Restrict Band NVNT g 2412MHz Ant1 Peak

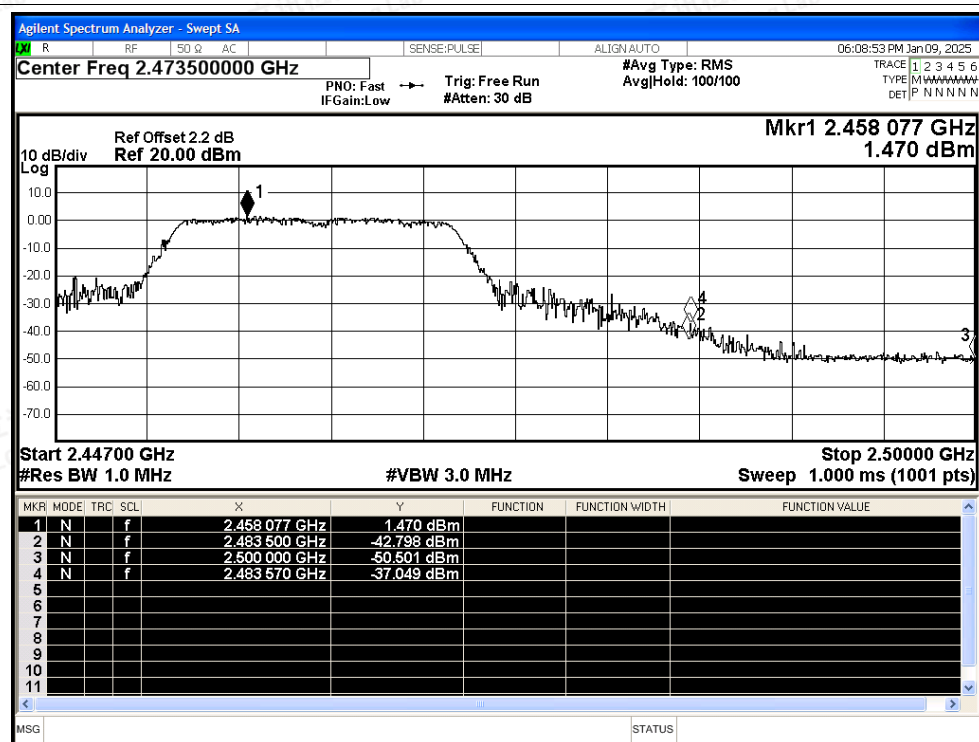


## Restrict Band NVNT g 2412MHz Ant1 Average

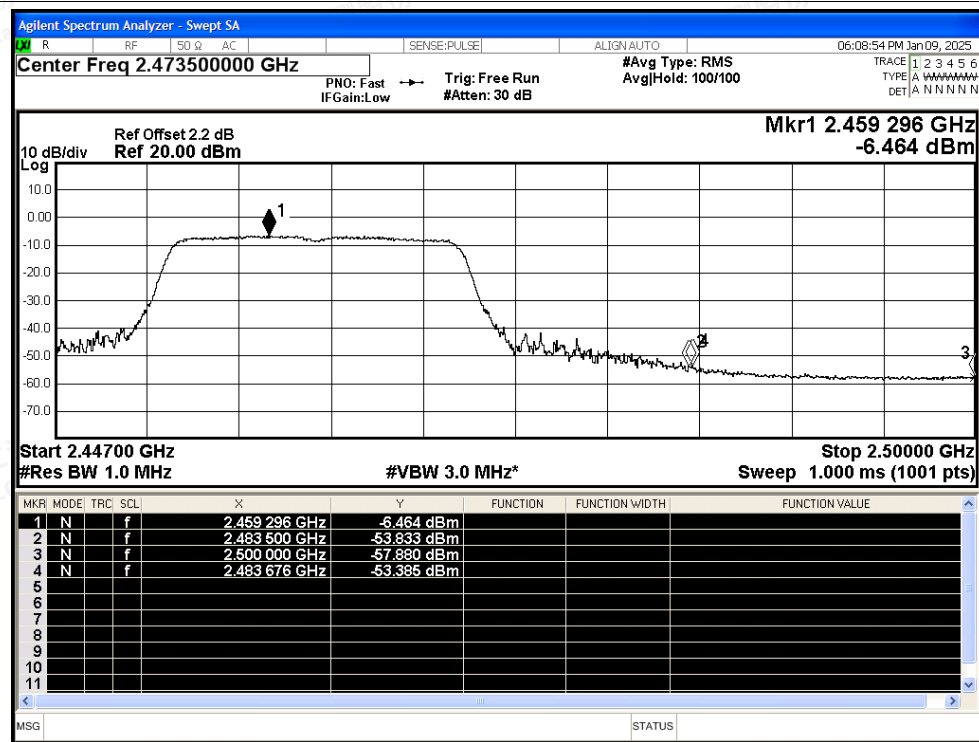




## Restrict Band NVNT g 2462MHz Ant1 Peak



## Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

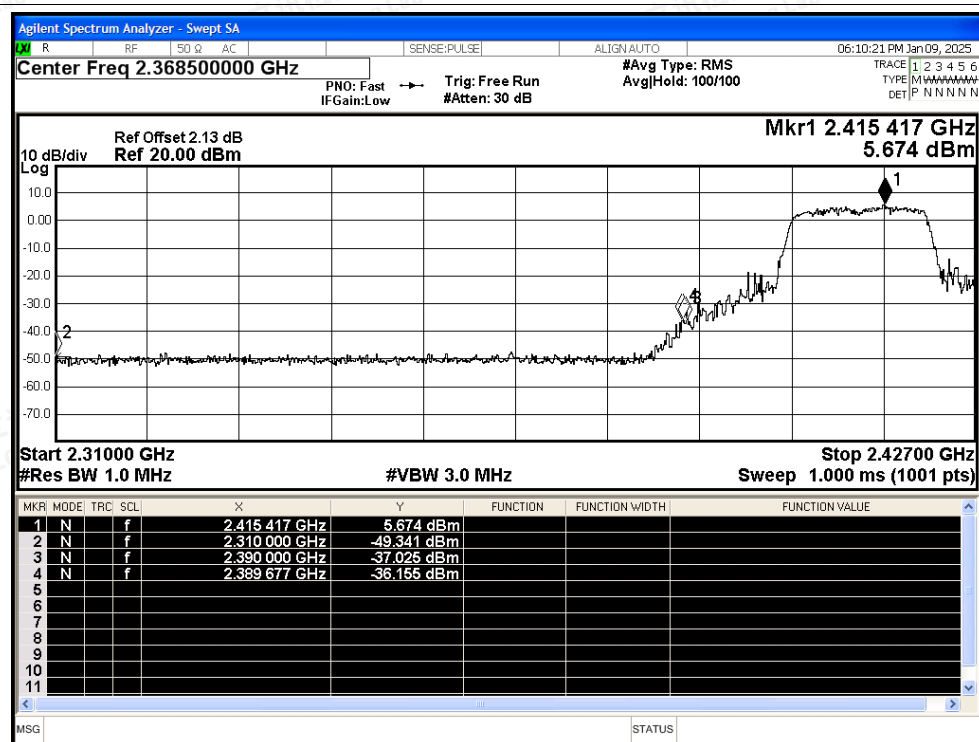
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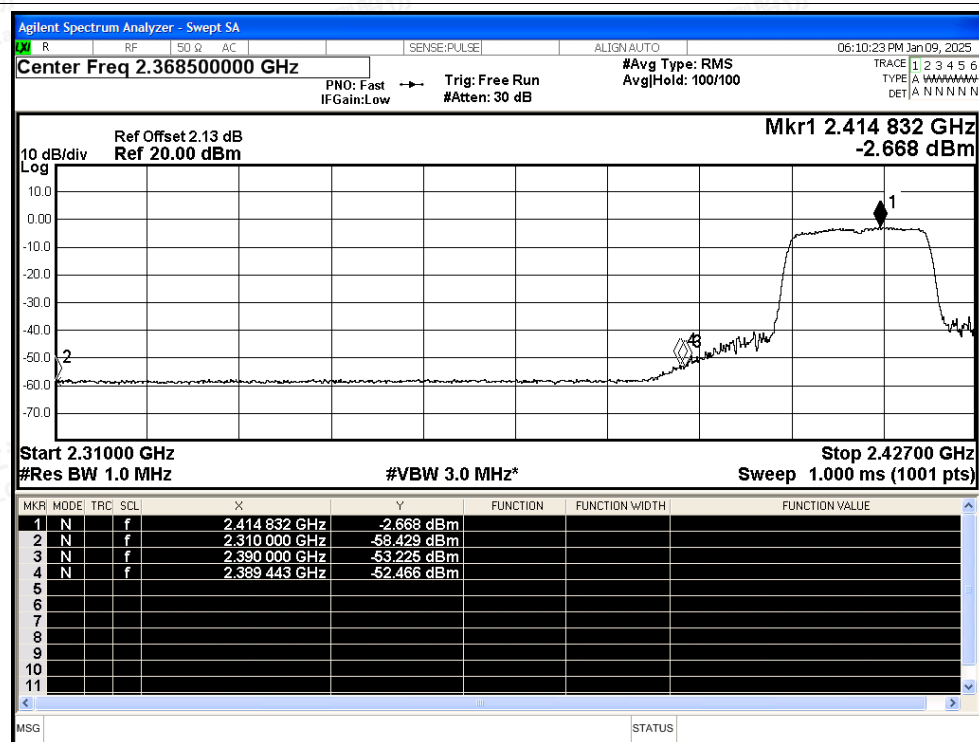
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## Restrict Band NVNT n20 2412MHz Ant1 Peak



## Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

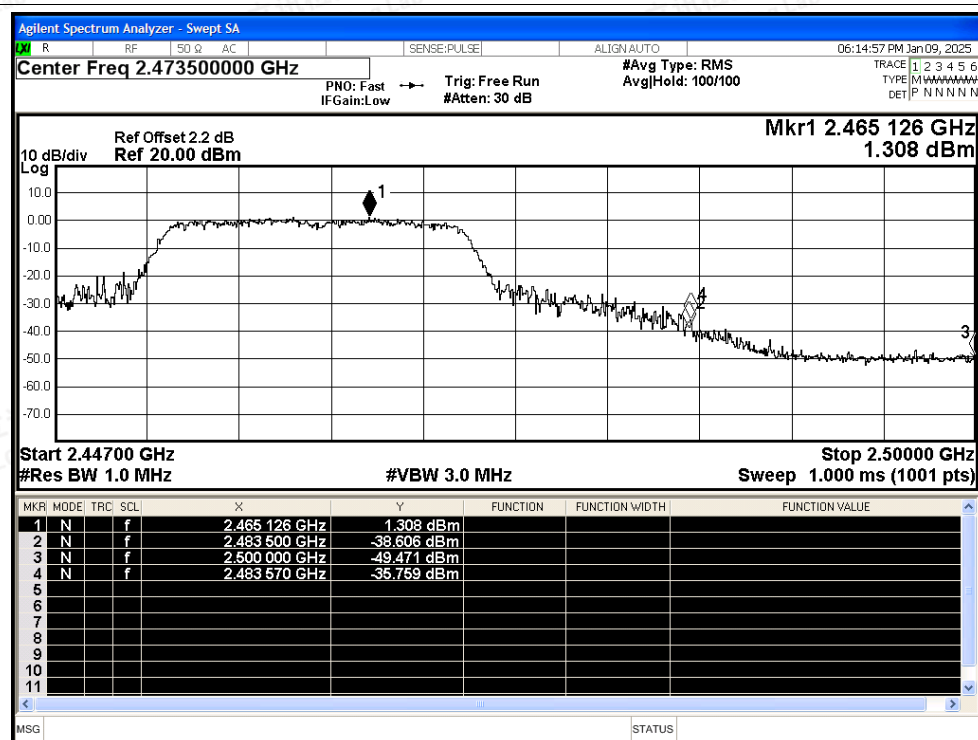
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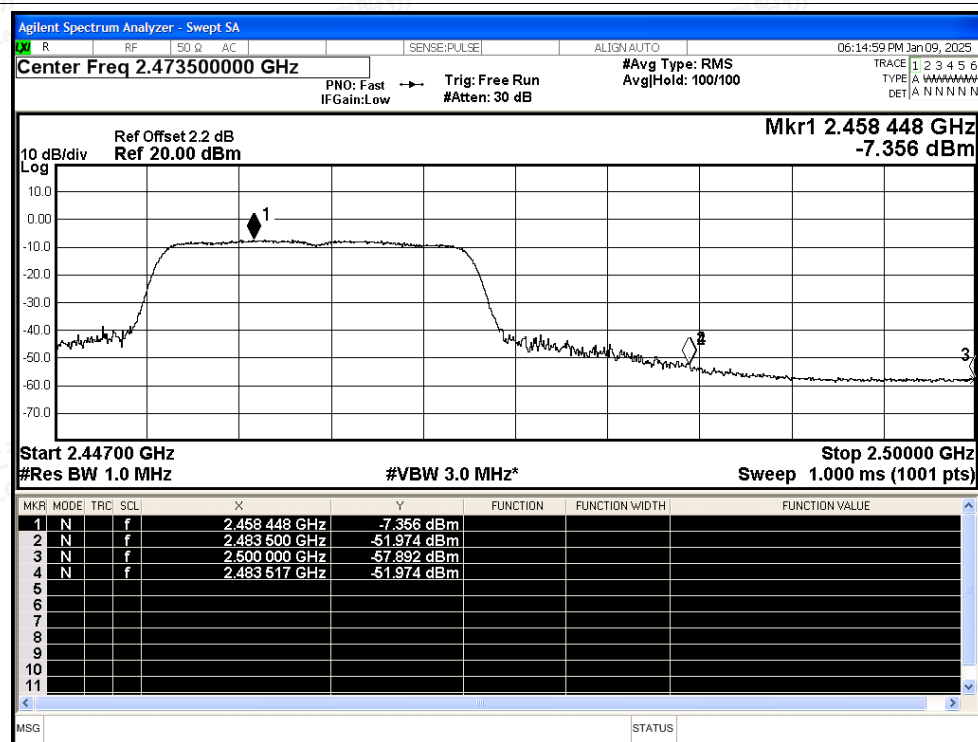
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## Restrict Band NVNT n20 2462MHz Ant1 Peak



## Restrict Band NVNT n20 2462MHz Ant1 Average



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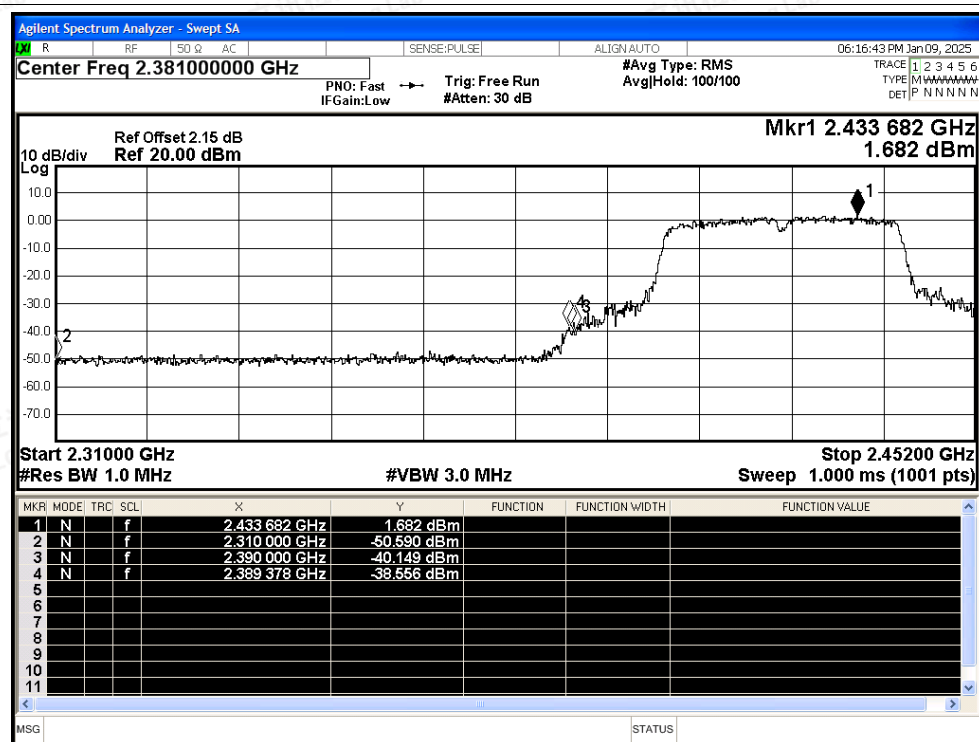
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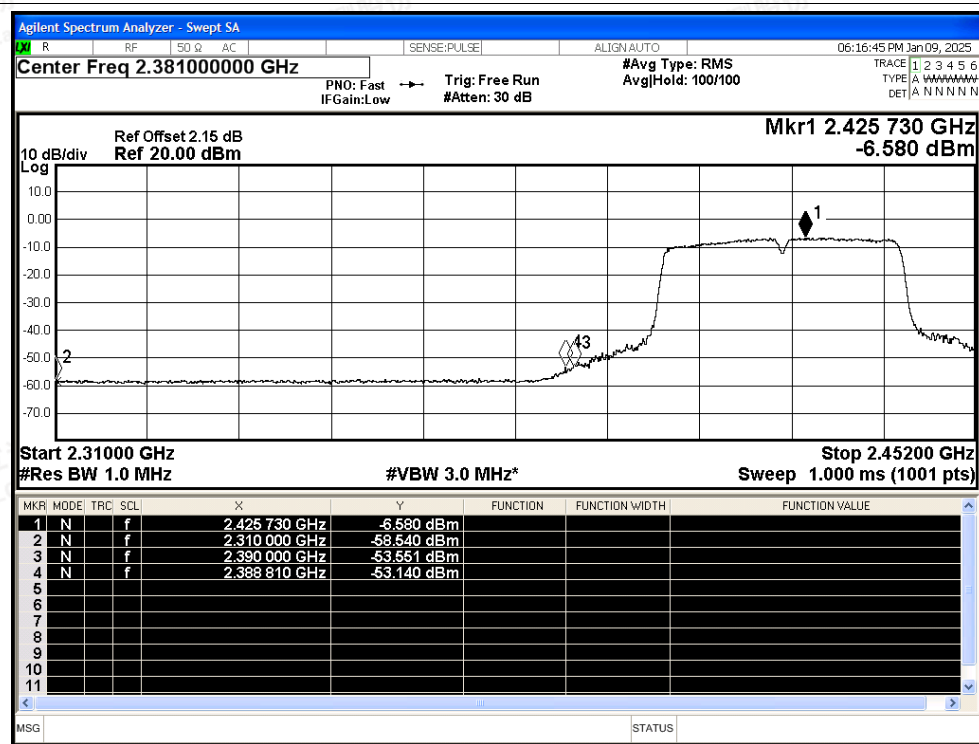
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## Restrict Band NVNT n40 2422MHz Ant1 Peak



## Restrict Band NVNT n40 2422MHz Ant1 Average



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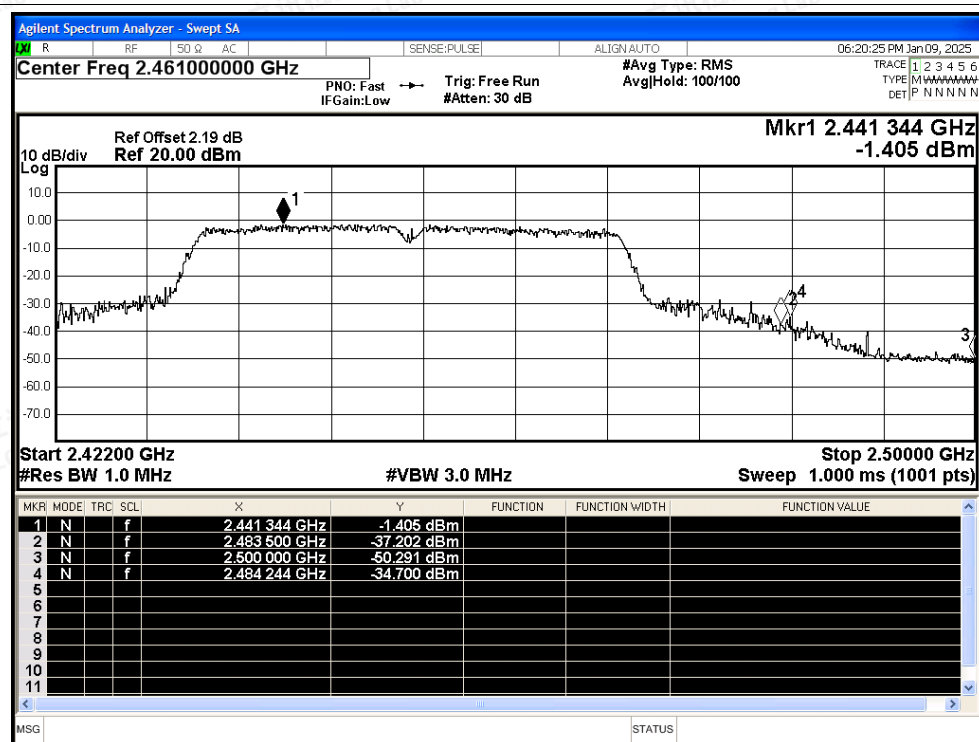
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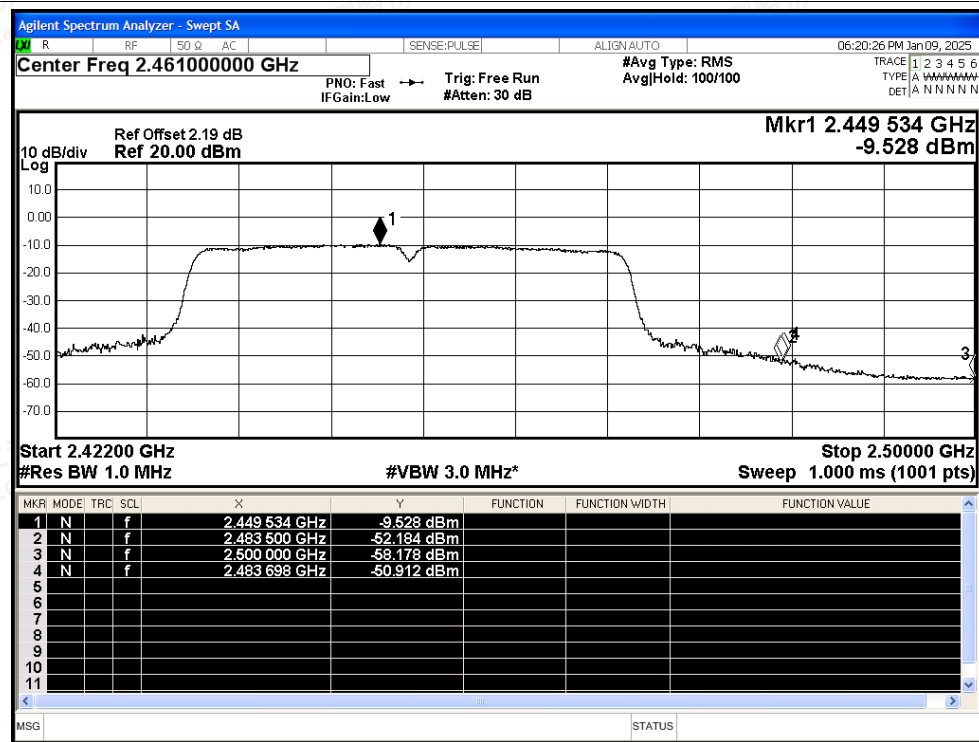
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## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz Ant1 Average



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