



## Appendix A

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

Product Name: IP Door Station

Test Model: D11x Rev 2.0

#### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8° C    |
| Relative Humidity: | 52.1%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| 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    | 8.102                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant1    | 8.108                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant1    | 9.049                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.048                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.359                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.313                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.007                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.21                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 17.226                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.575                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.562                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 34.784                | $\geq 0.5$                  | Pass    |



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## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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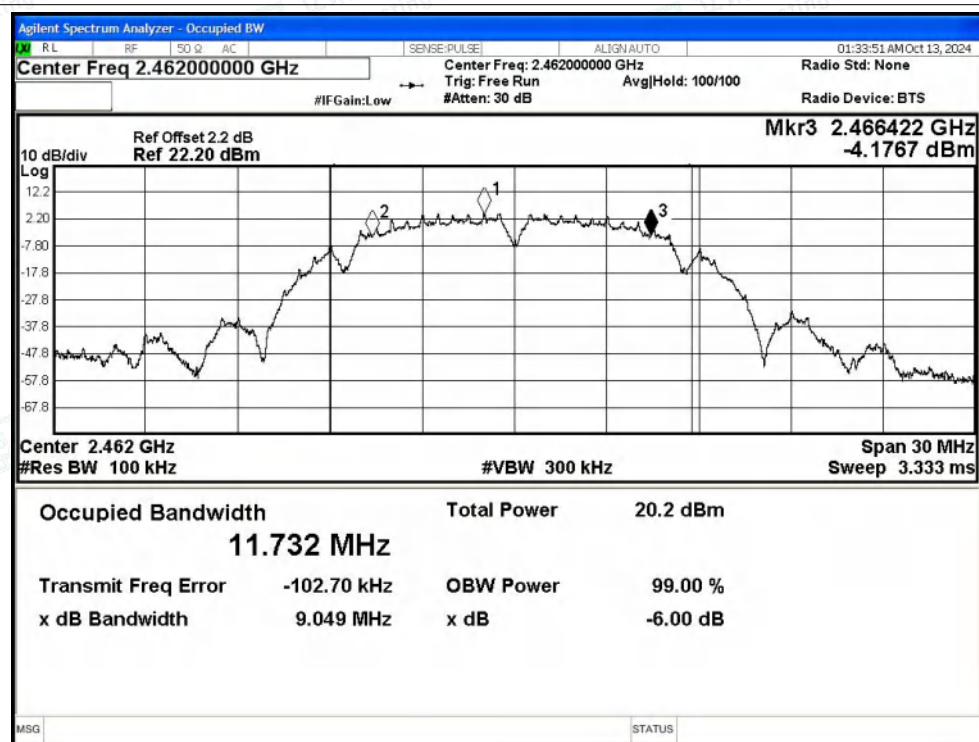
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

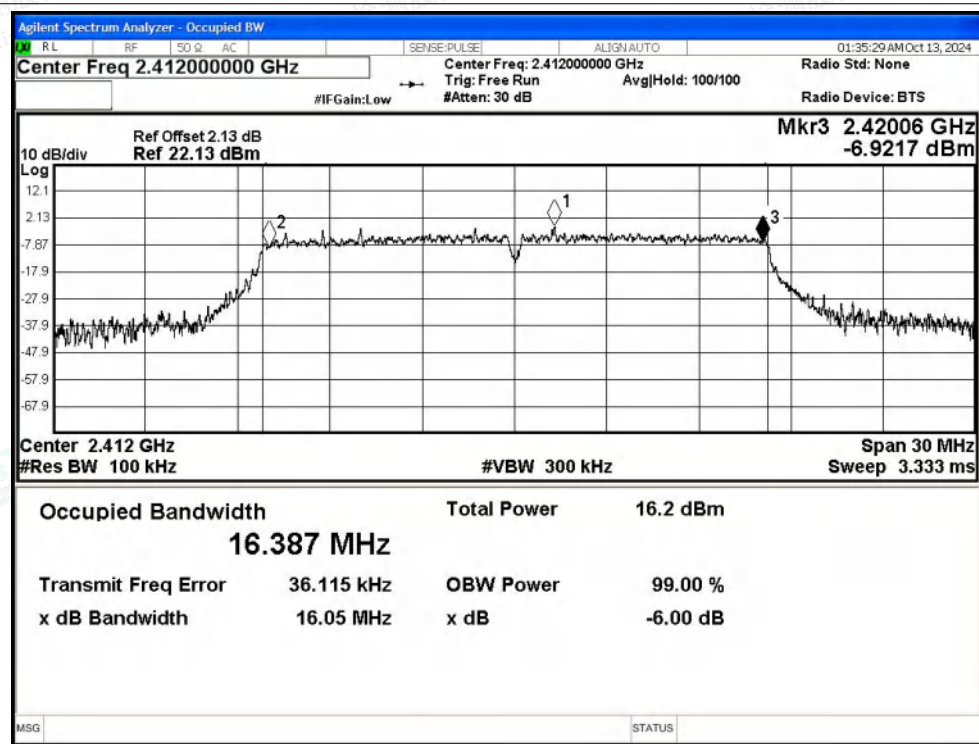
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## -6dB Bandwidth NVNT b 2462MHz Ant1



## -6dB Bandwidth NVNT g 2412MHz Ant1



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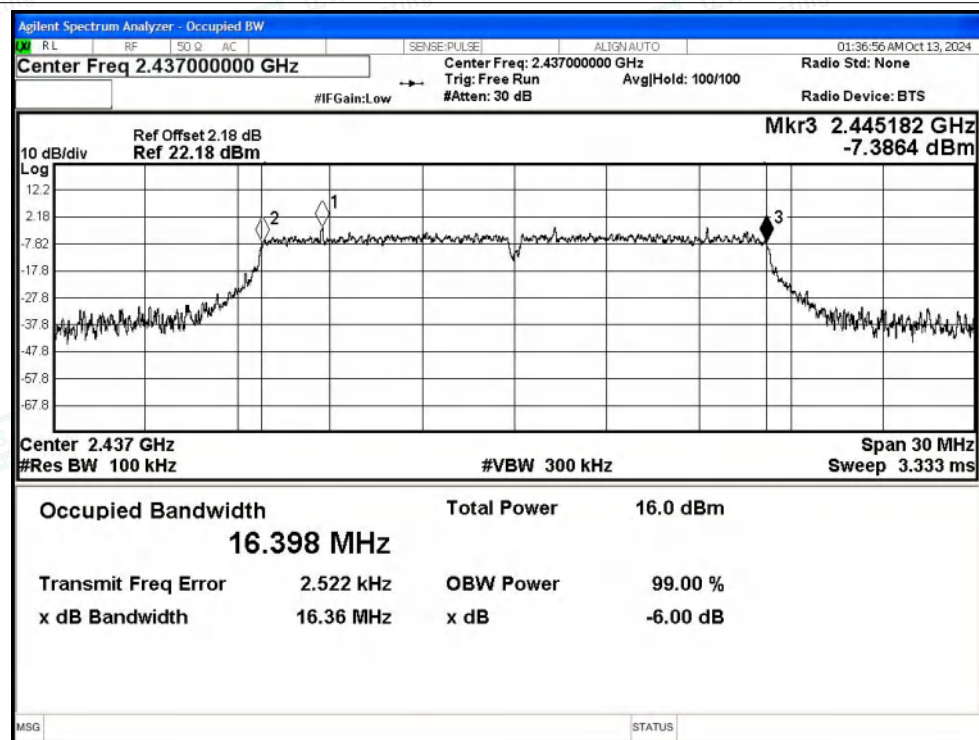
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

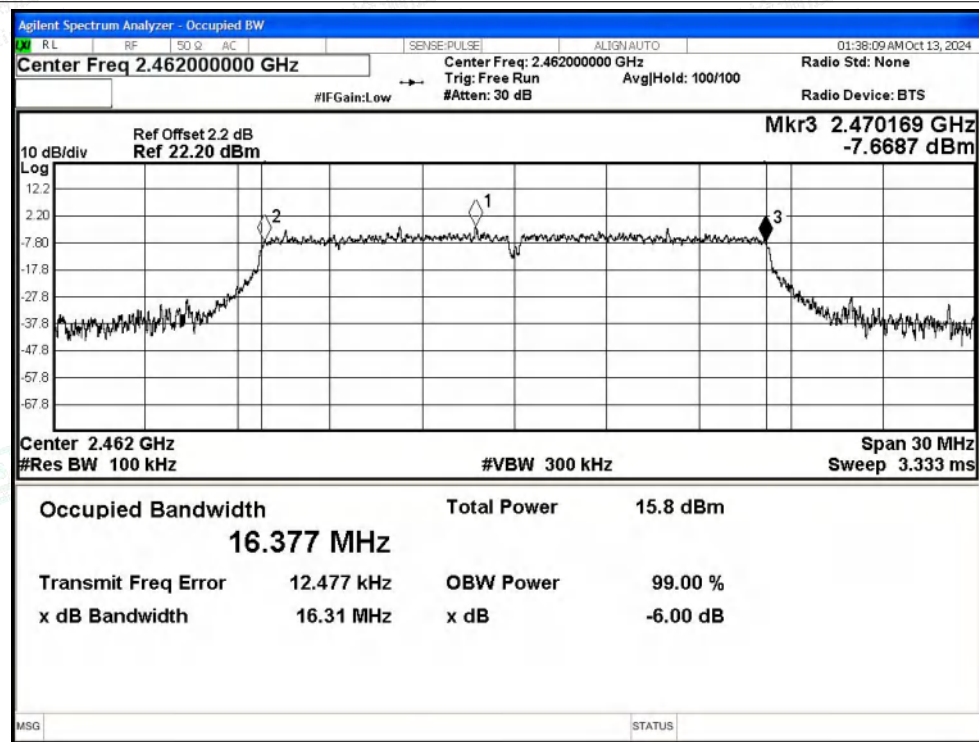
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-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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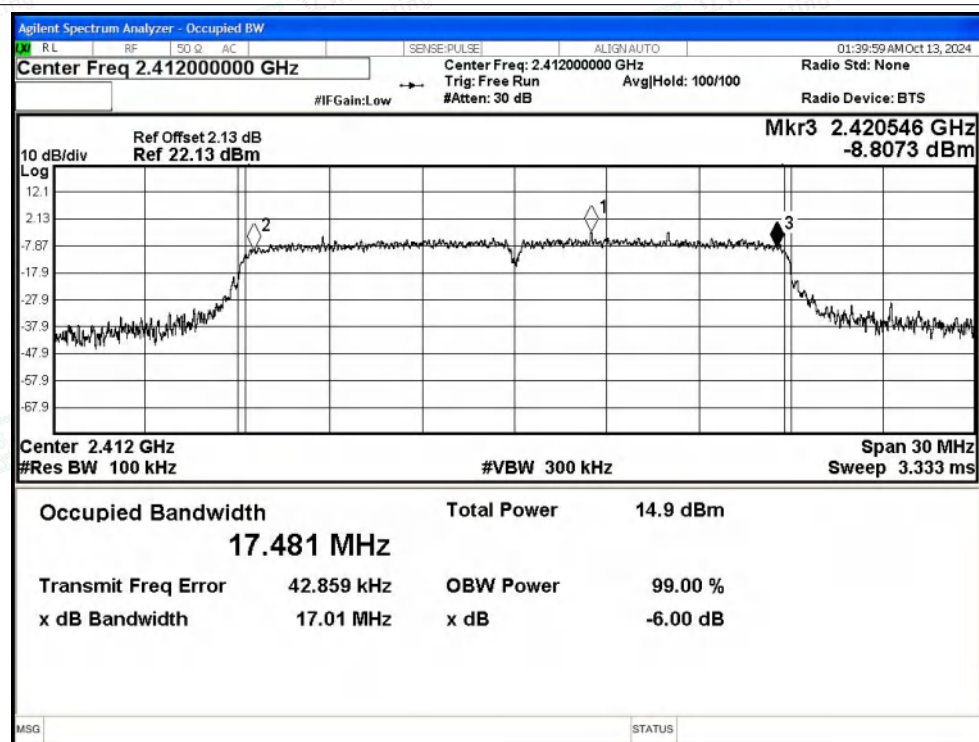
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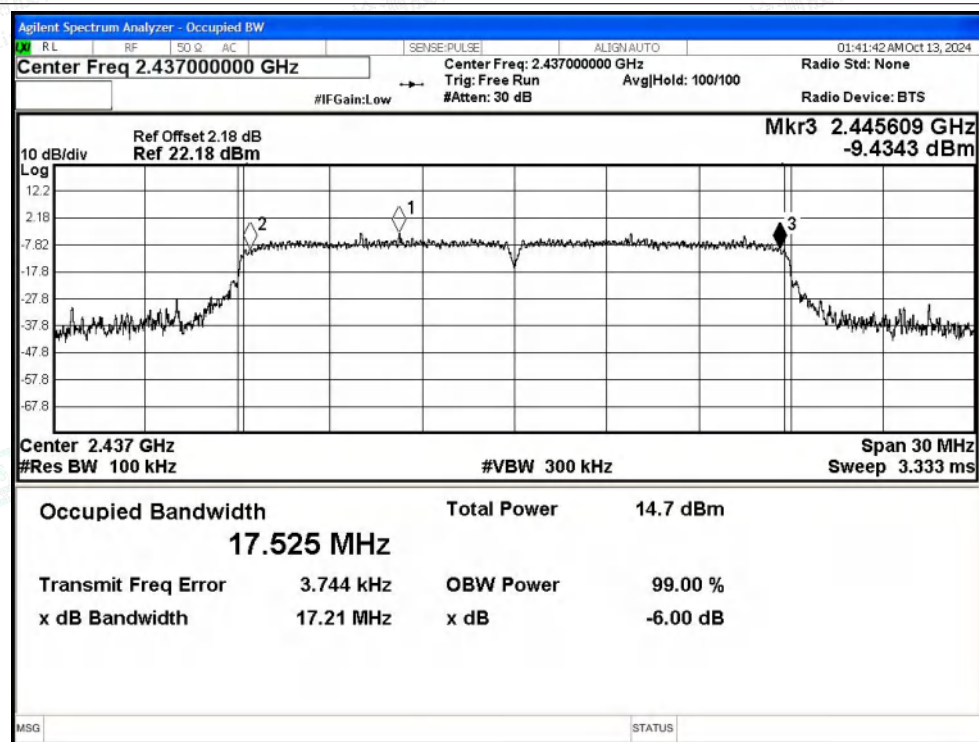
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## -6dB Bandwidth NVNT n20 2412MHz Ant1



## -6dB Bandwidth NVNT n20 2437MHz Ant1



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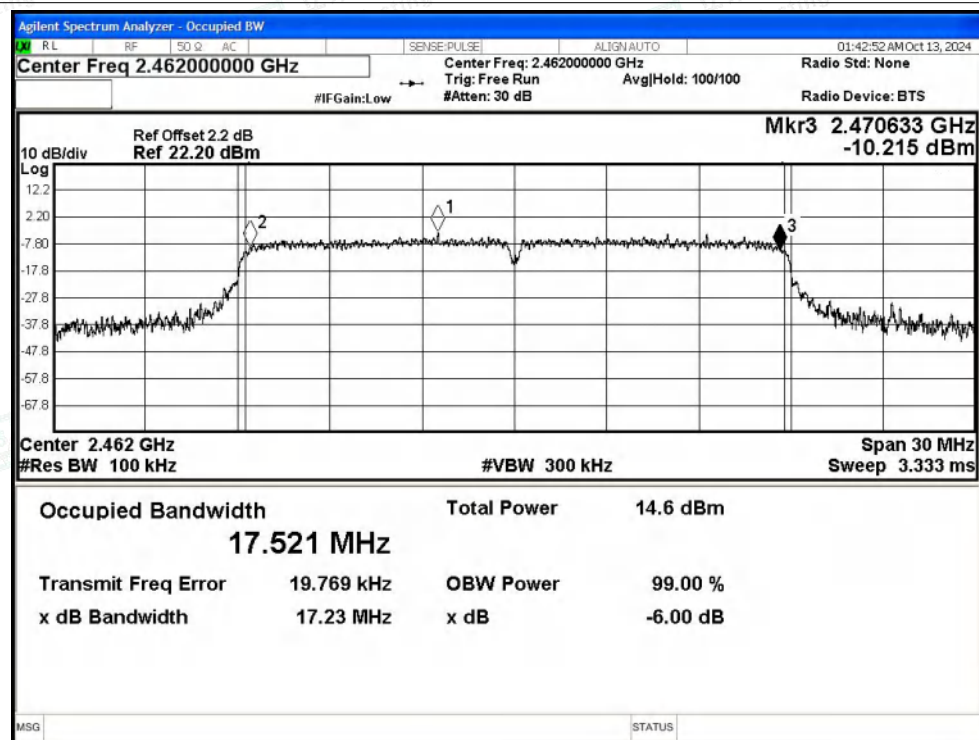
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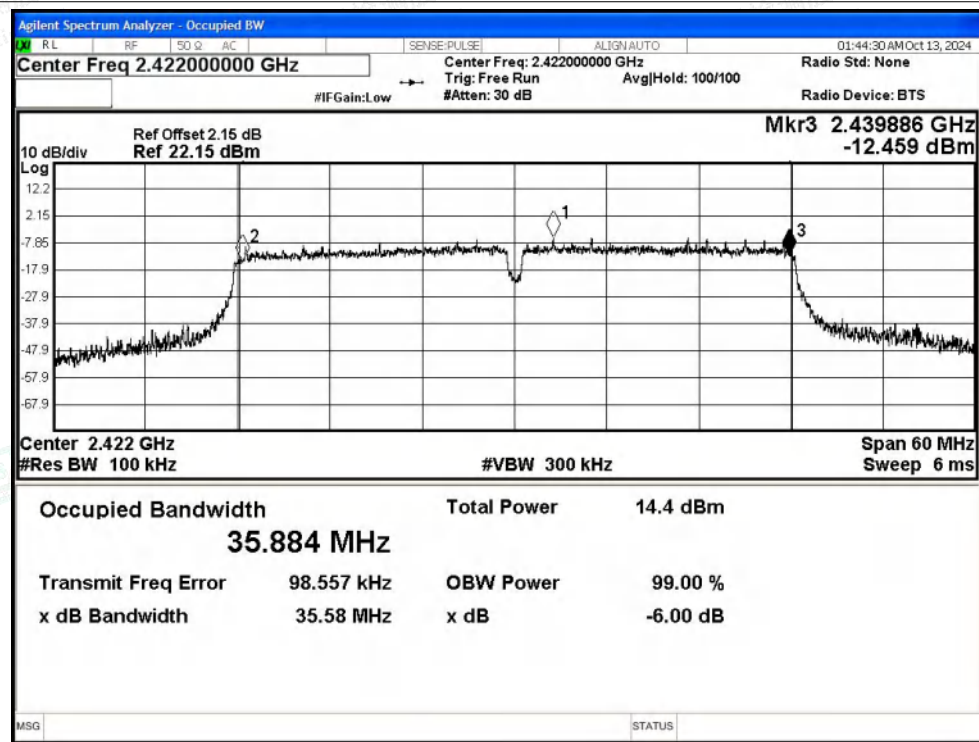
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## -6dB Bandwidth NVNT n20 2462MHz Ant1



## -6dB Bandwidth NVNT n40 2422MHz Ant1



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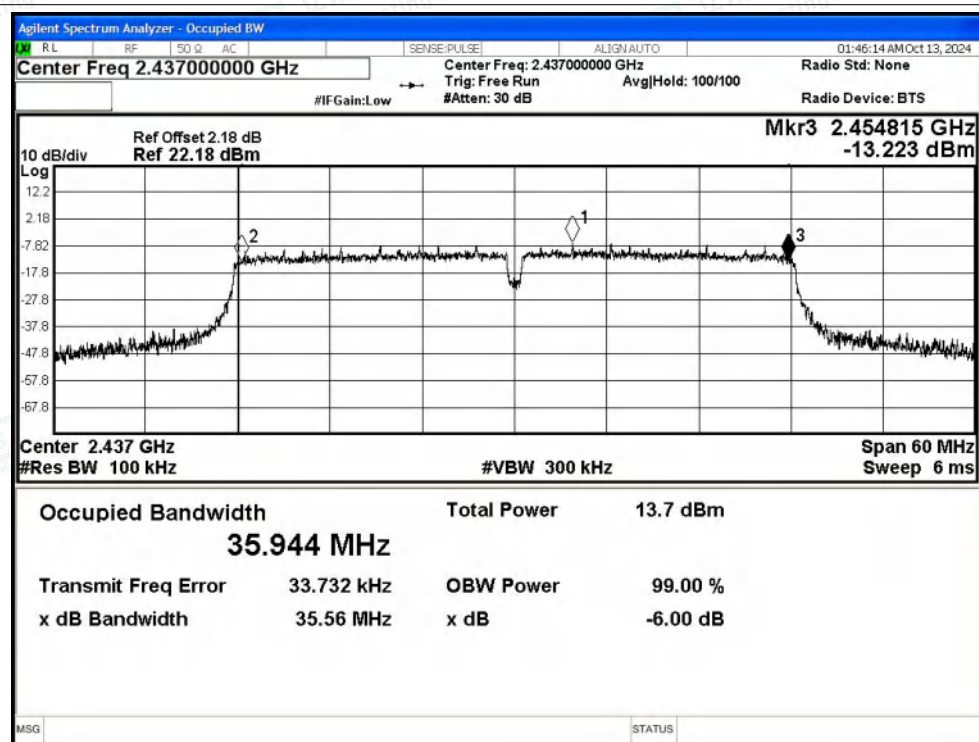
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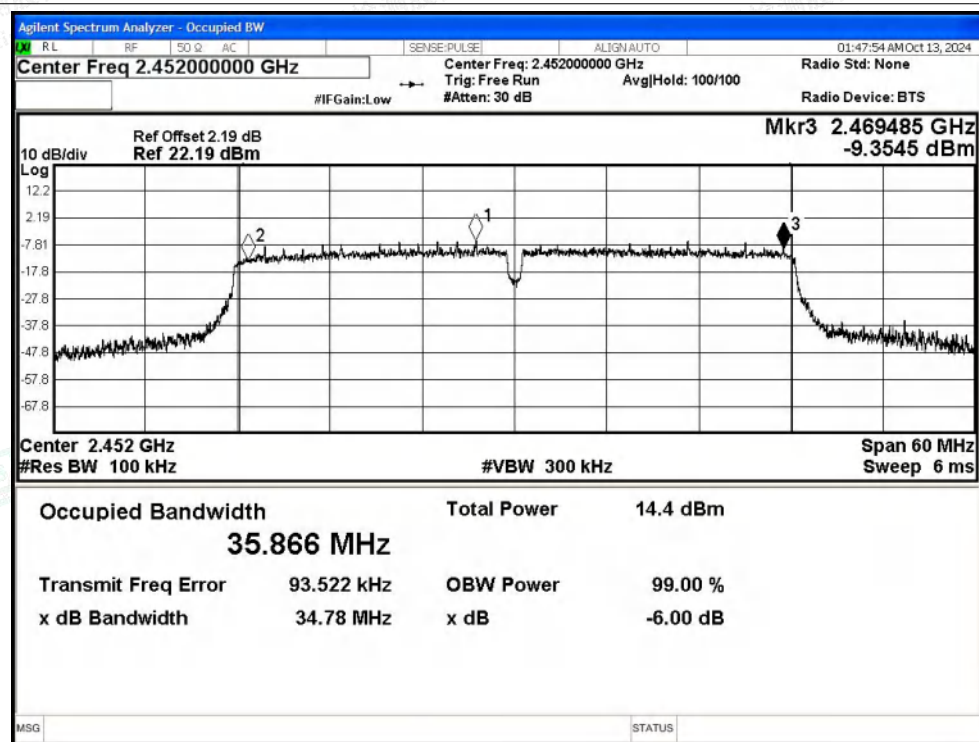
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## -6dB Bandwidth NVNT n40 2437MHz Ant1



## -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    | 15.56             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 15.45             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 15.18             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.96             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.84             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 14.65             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 13.52             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 13.38             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.21             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 12.81             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 12.16             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 12.83             | 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    | -7.94                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -9.31                | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -7.9                 | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -15.79               | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -15.89               | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -15.95               | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -16.16               | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -18.15               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -18.05               | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -20.53               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -21.62               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -20.73               | 8                | Pass    |



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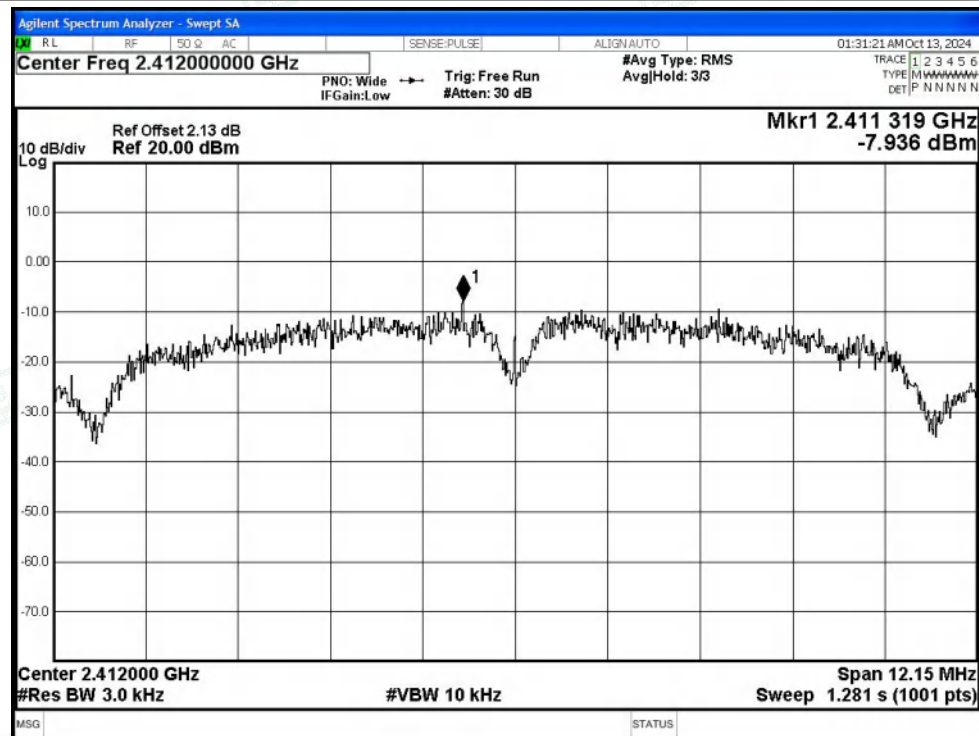
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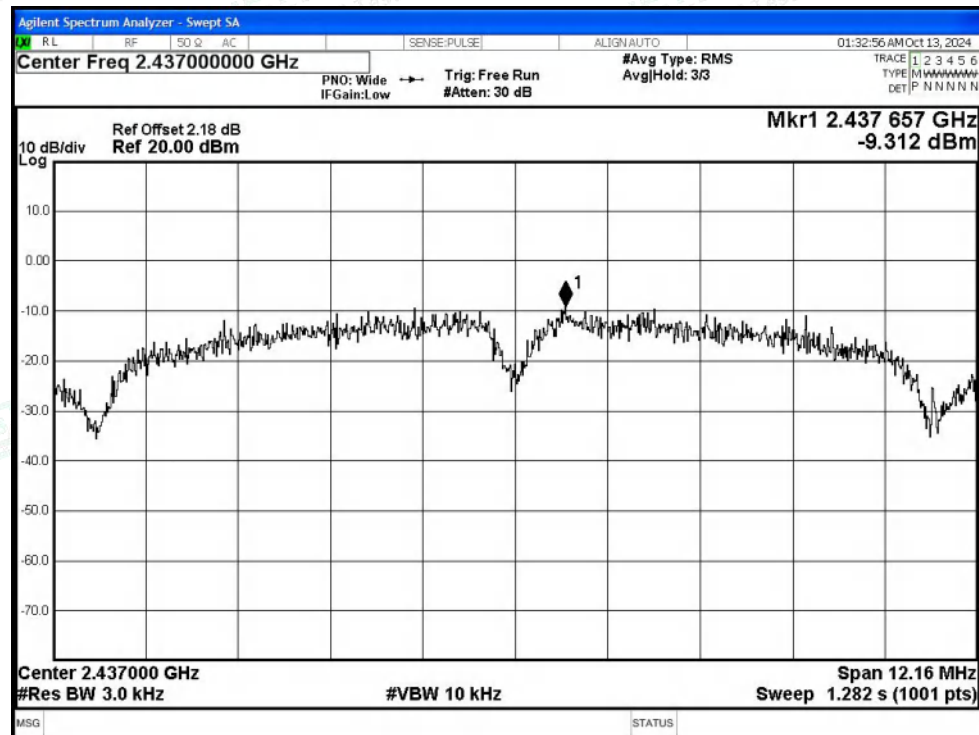


## Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



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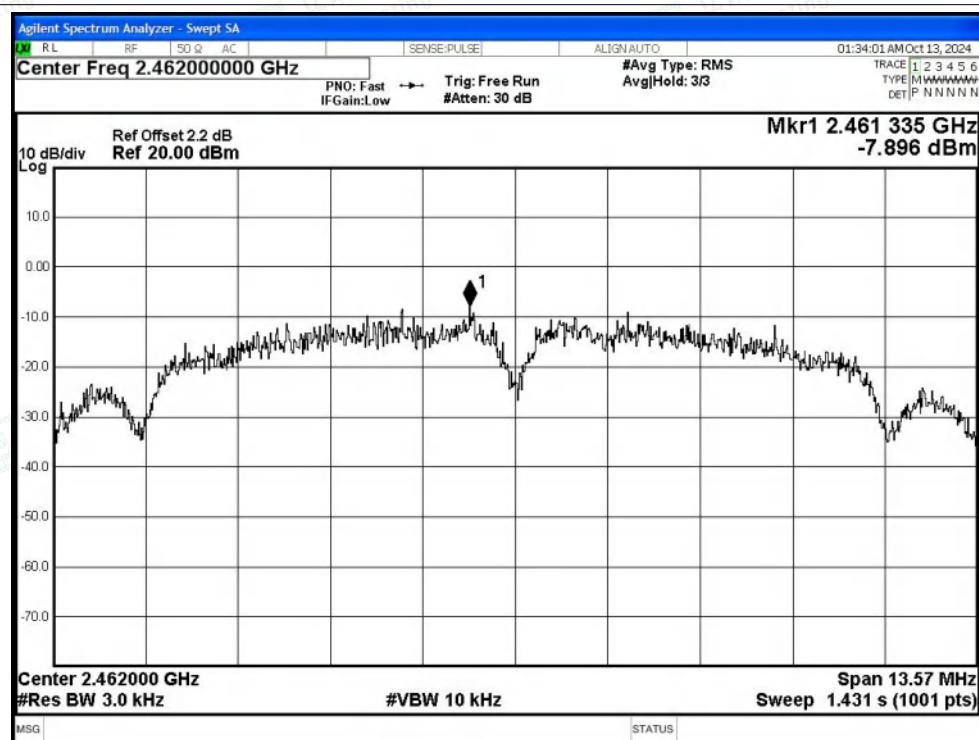
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

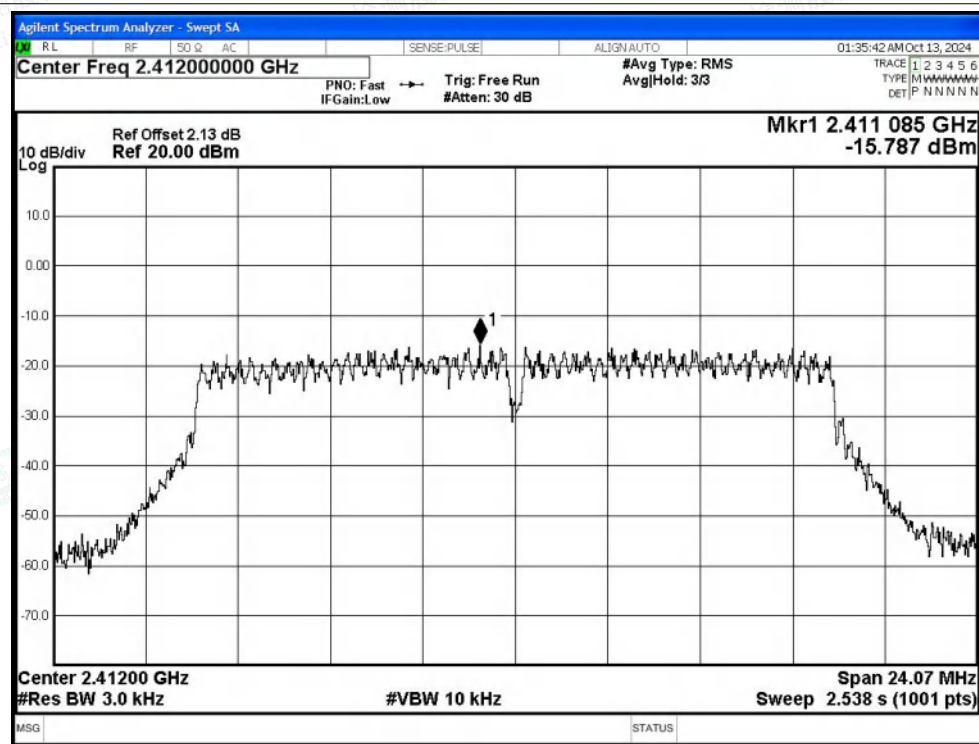
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## PSD NVNT b 2462MHz Ant1



## PSD NVNT g 2412MHz Ant1



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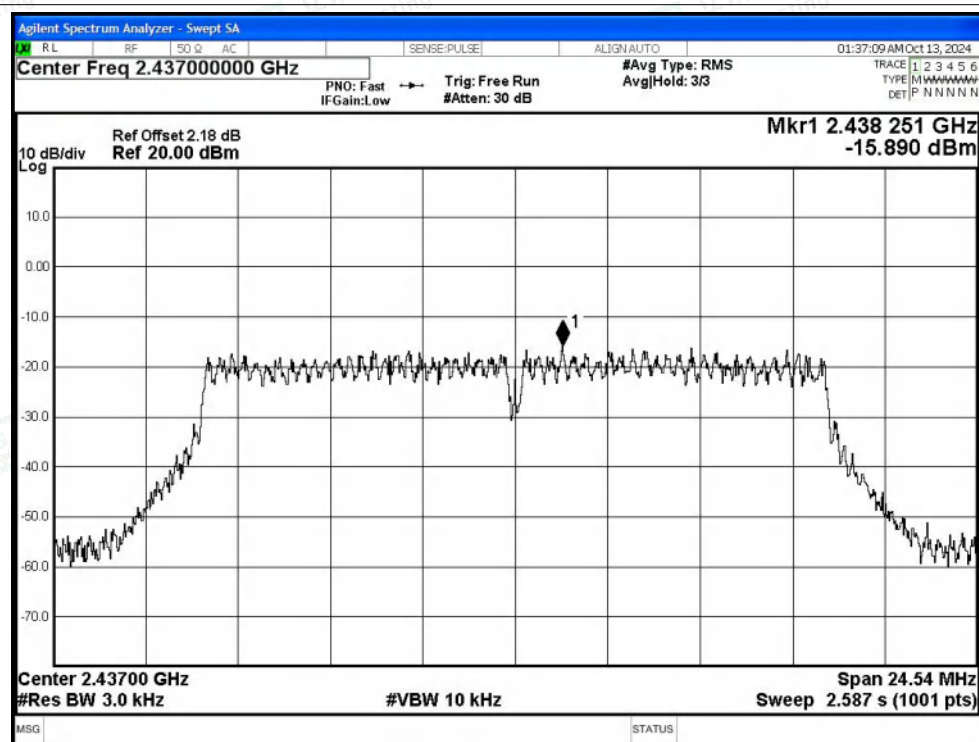
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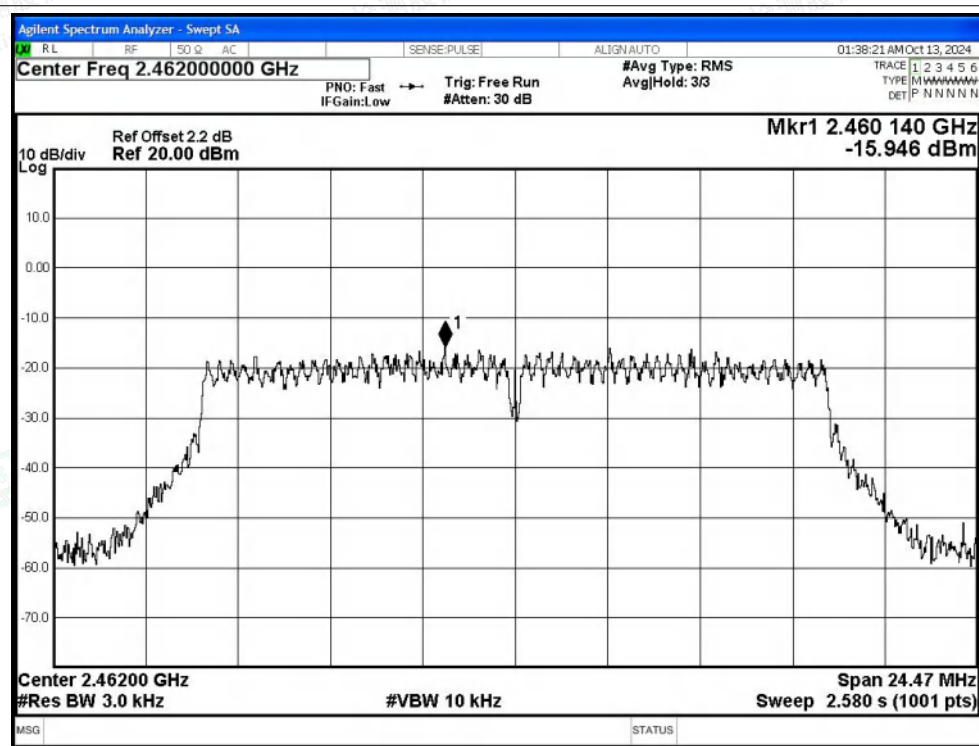
Scan code to check authenticity



PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1

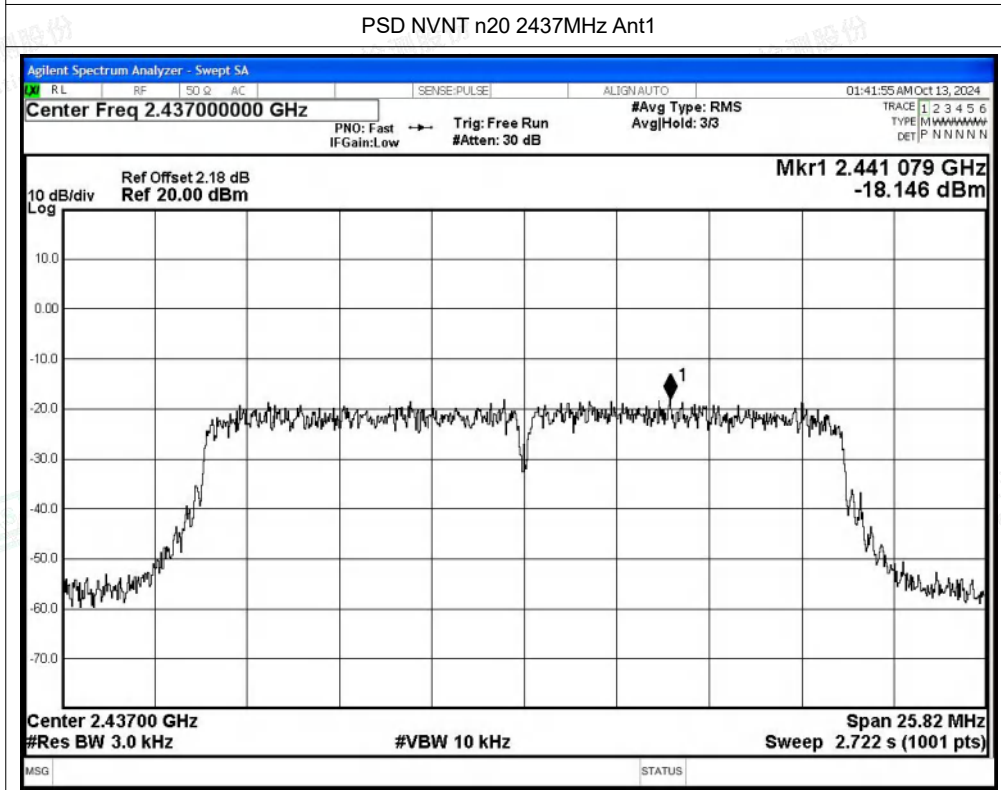
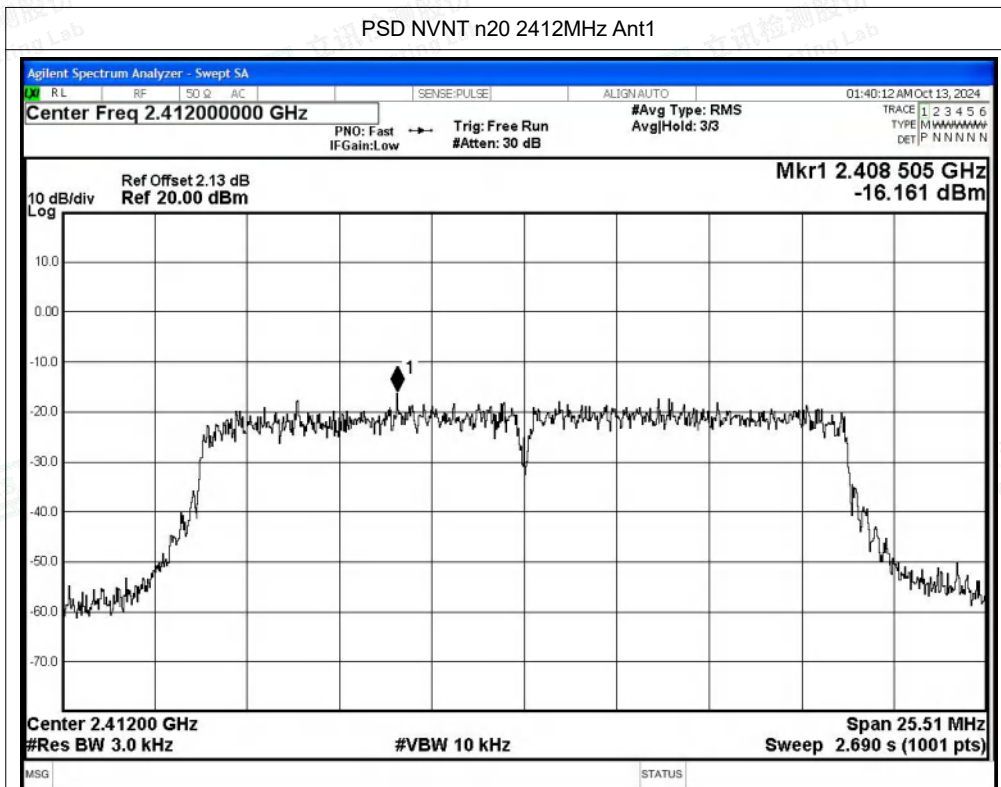


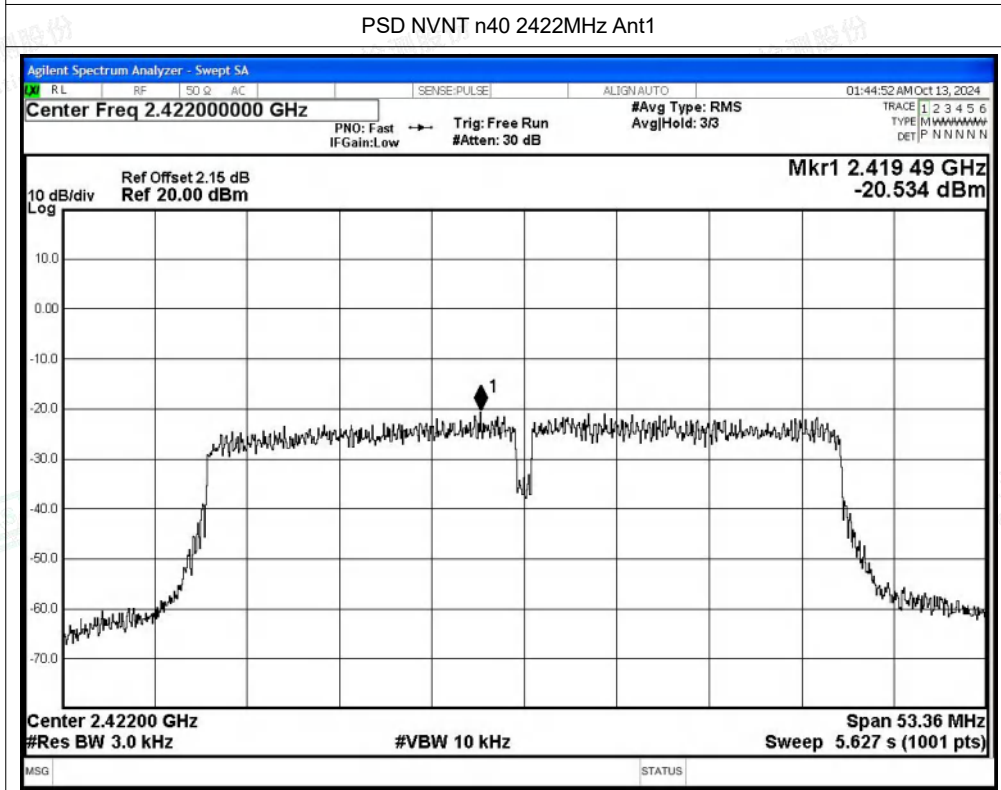
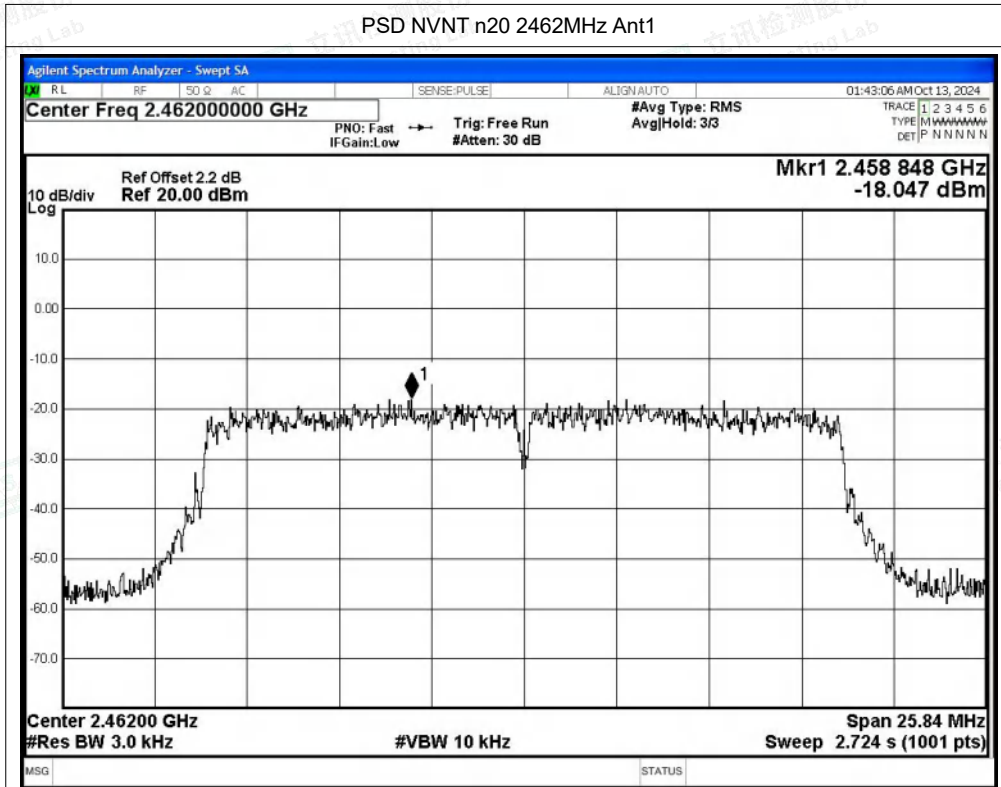
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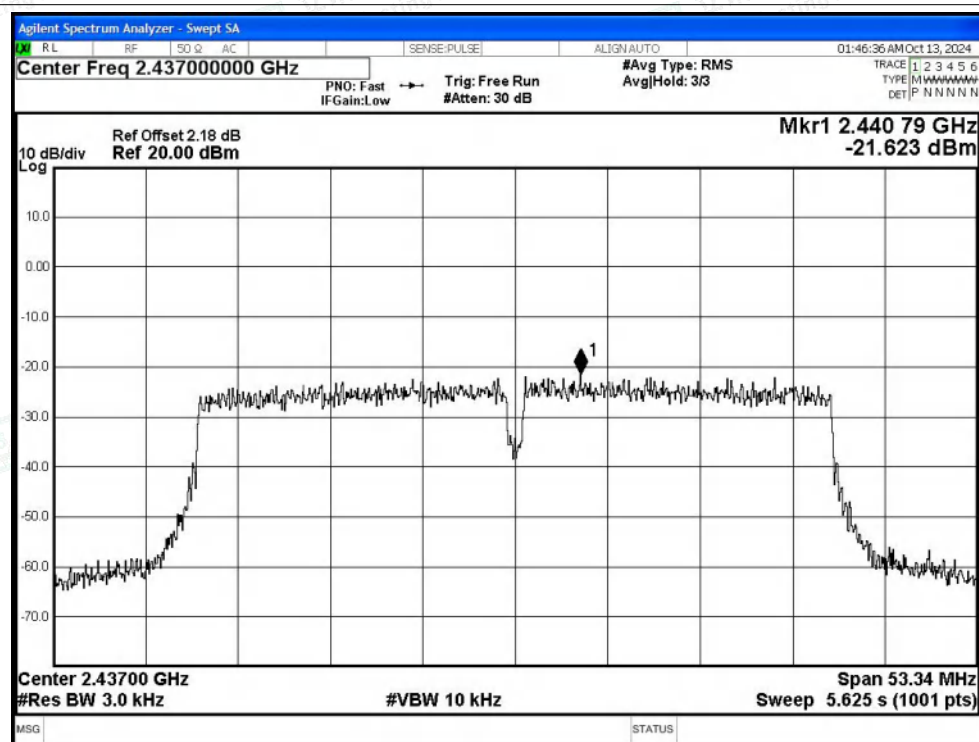
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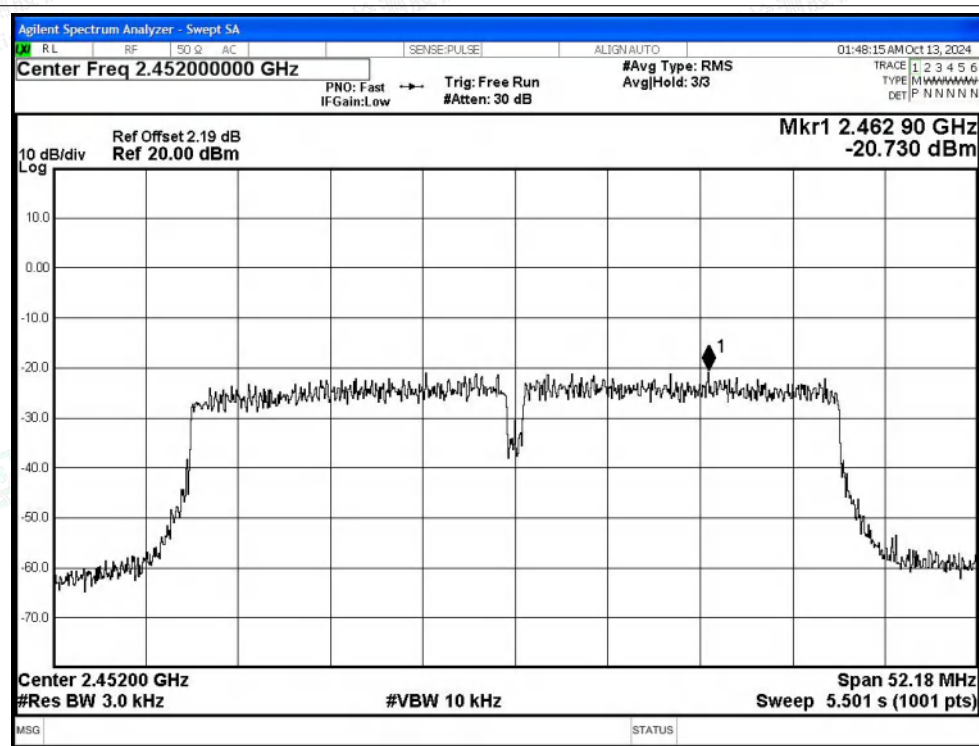
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PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1



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## A.4 Band Edge

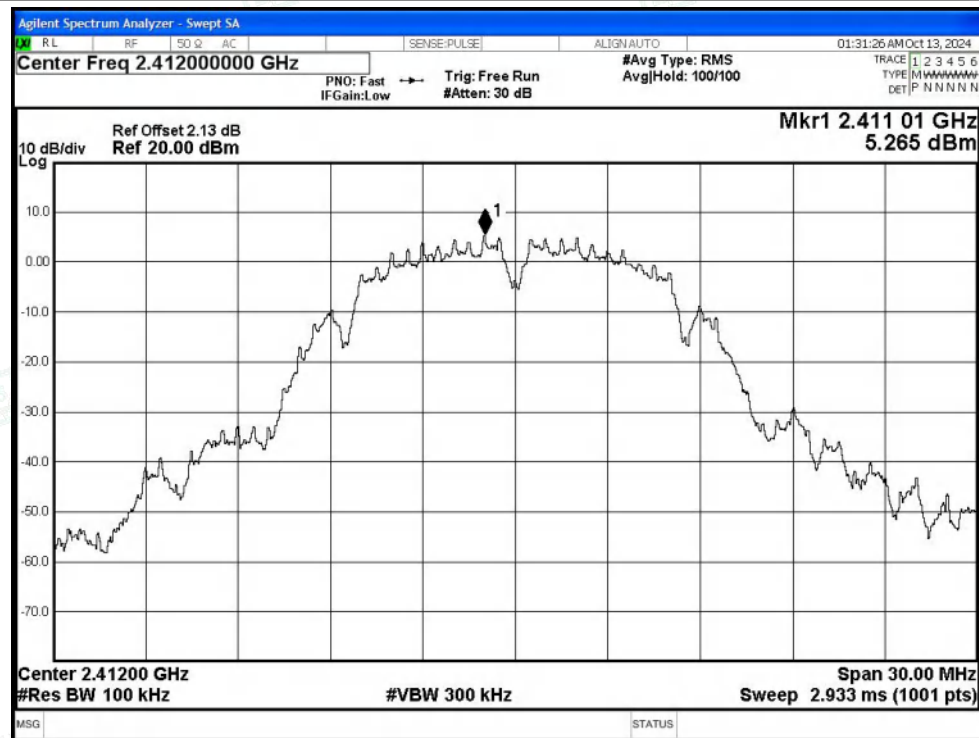
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -47.08          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -59.95          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -32.16          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -42.68          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -29.45          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -40.66          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -35.65          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -38.82          | -20         | Pass    |



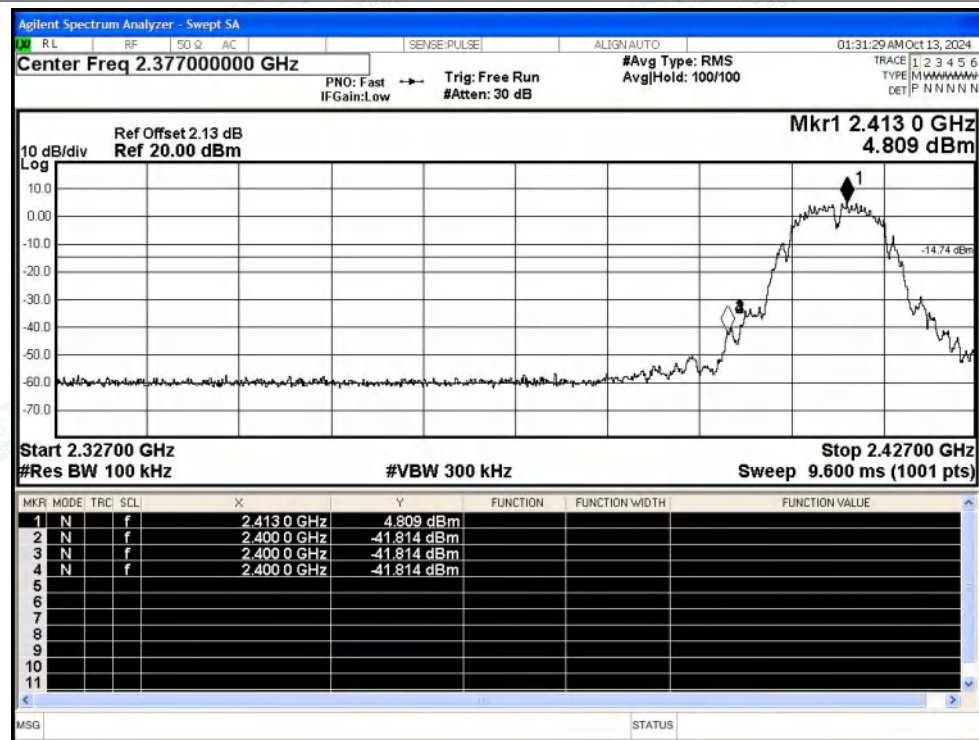


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



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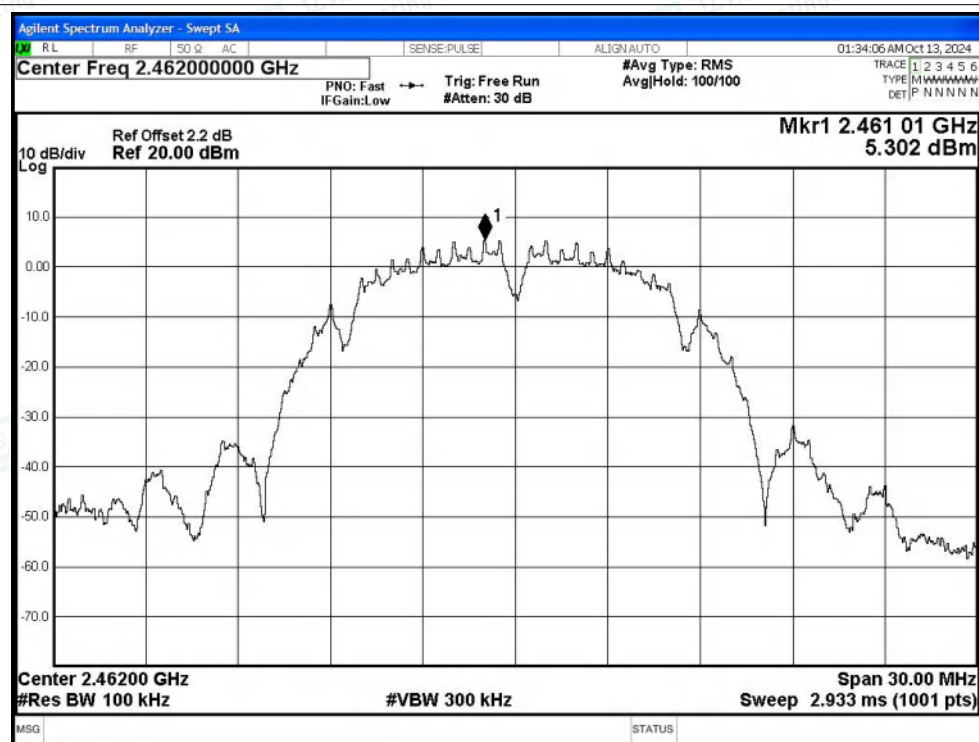
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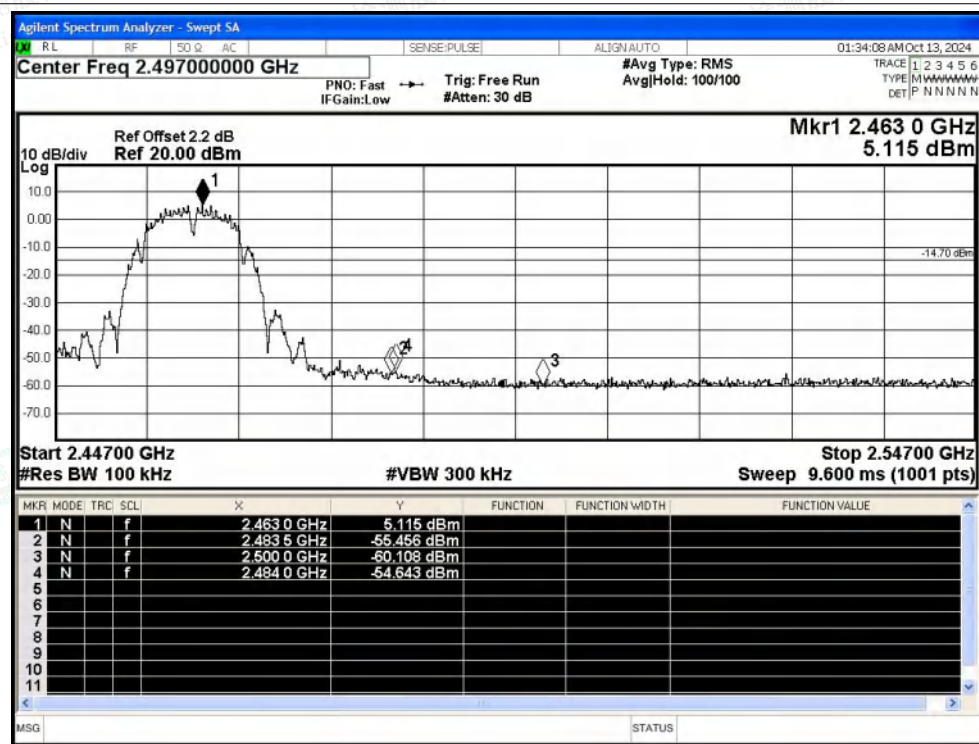
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## Band Edge NVNT b 2462MHz Ant1 Ref



## Band Edge NVNT b 2462MHz Ant1 Emission



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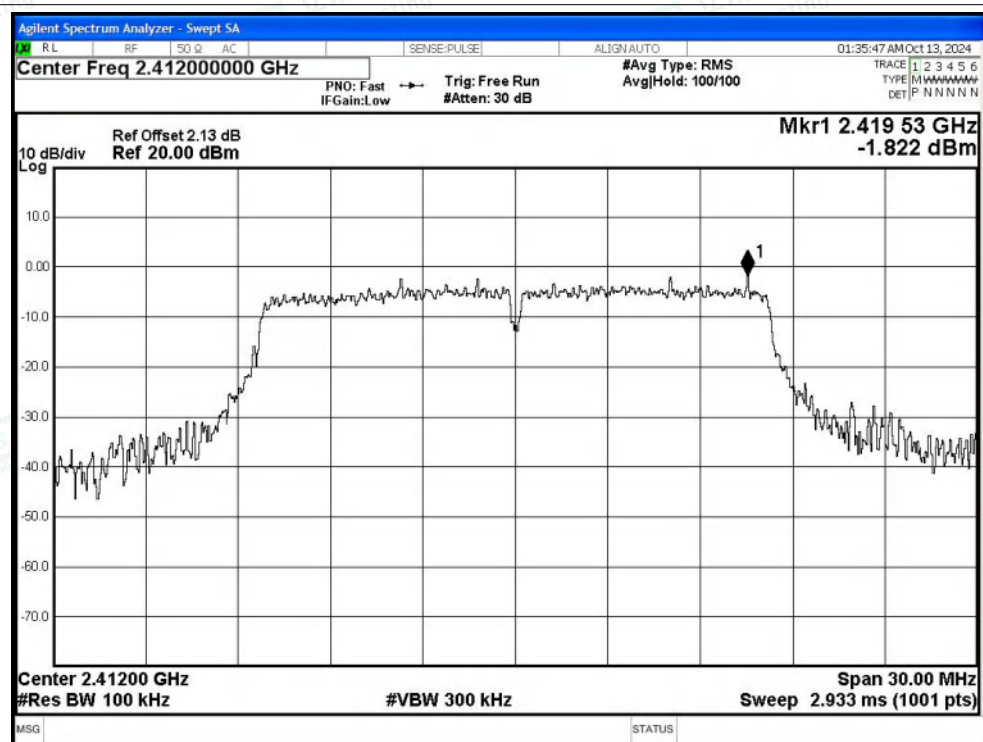
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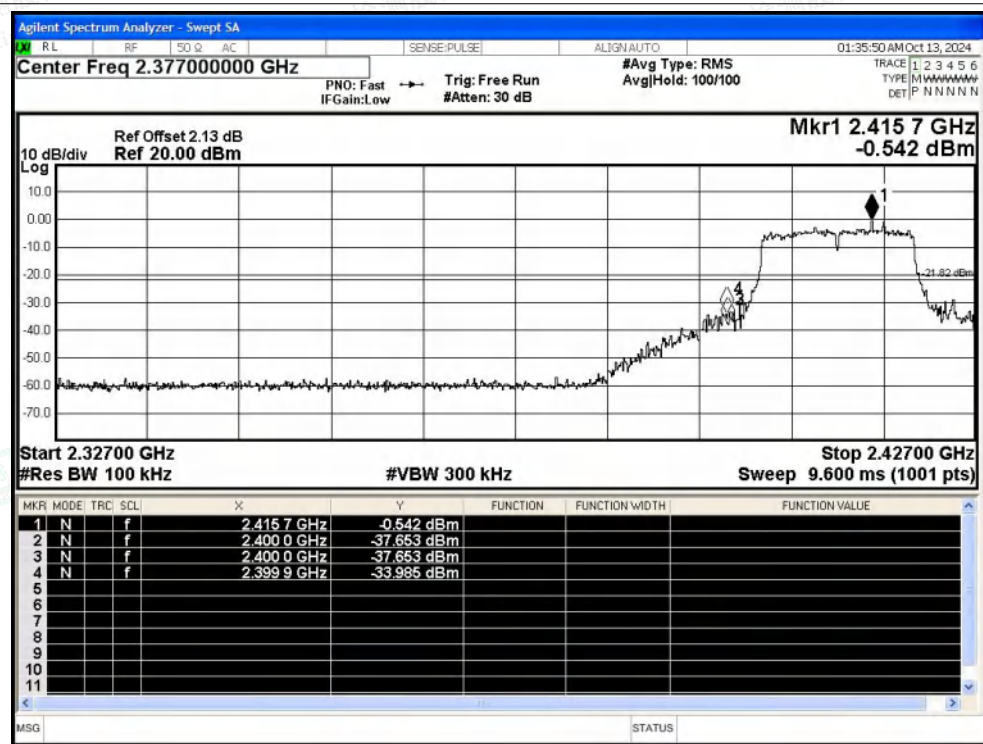
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## Band Edge NVNT g 2412MHz Ant1 Ref



## Band Edge NVNT g 2412MHz Ant1 Emission



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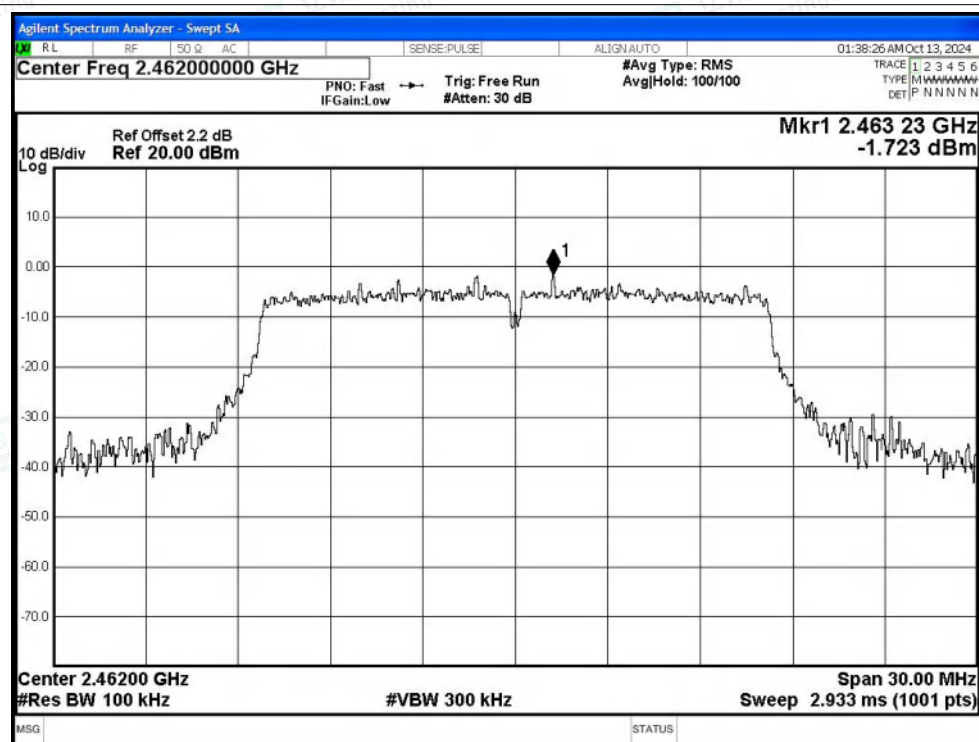
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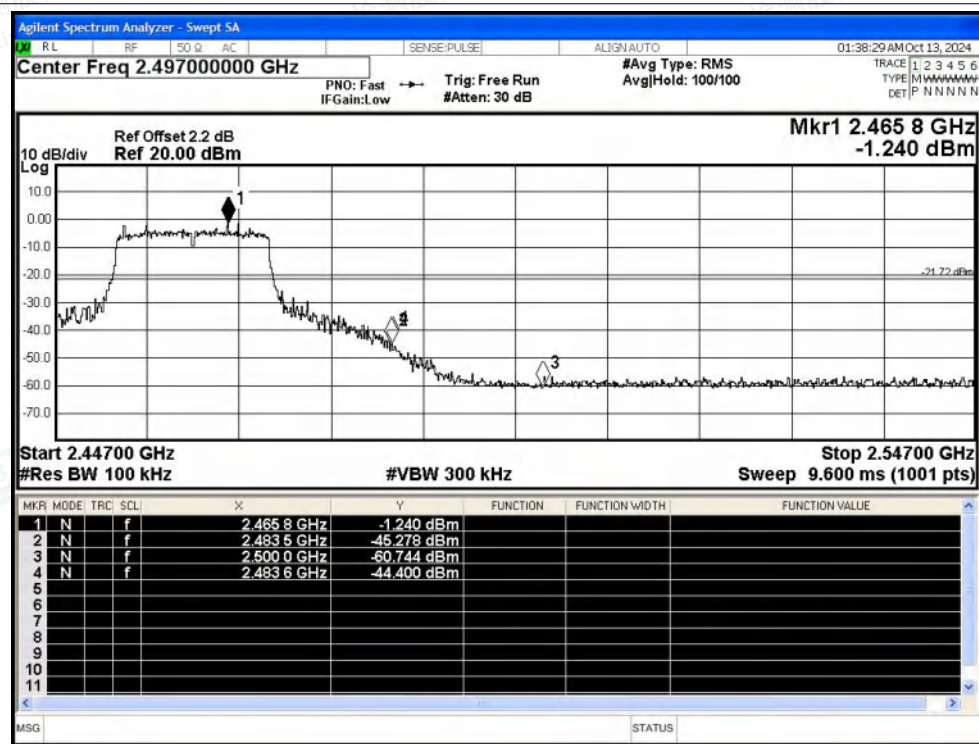
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## Band Edge NVNT g 2462MHz Ant1 Ref



## Band Edge NVNT g 2462MHz Ant1 Emission



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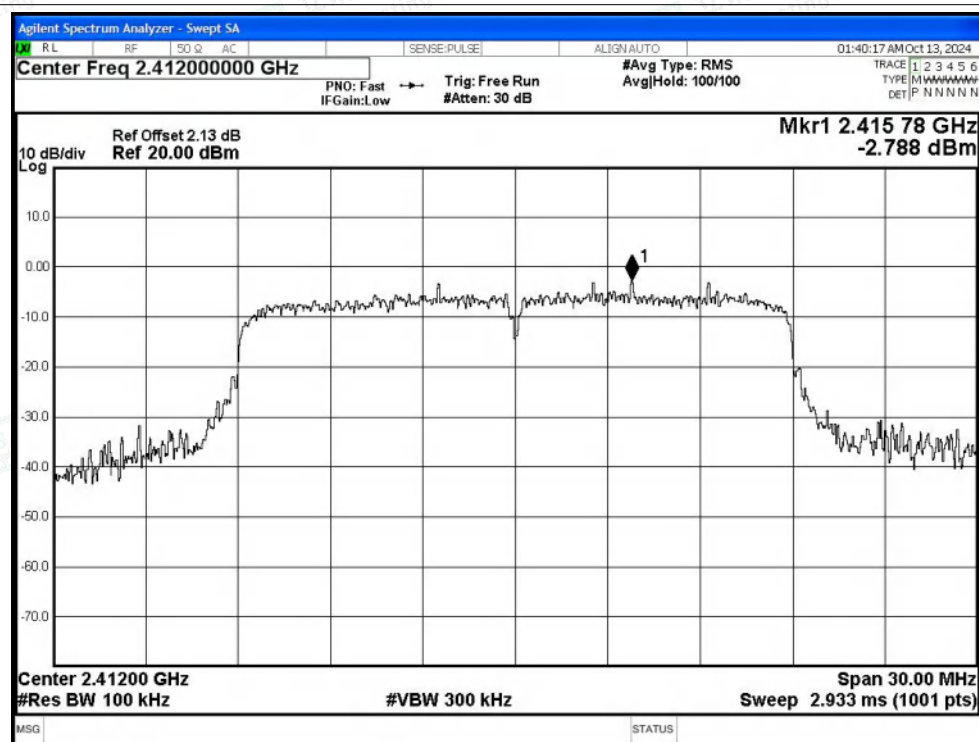
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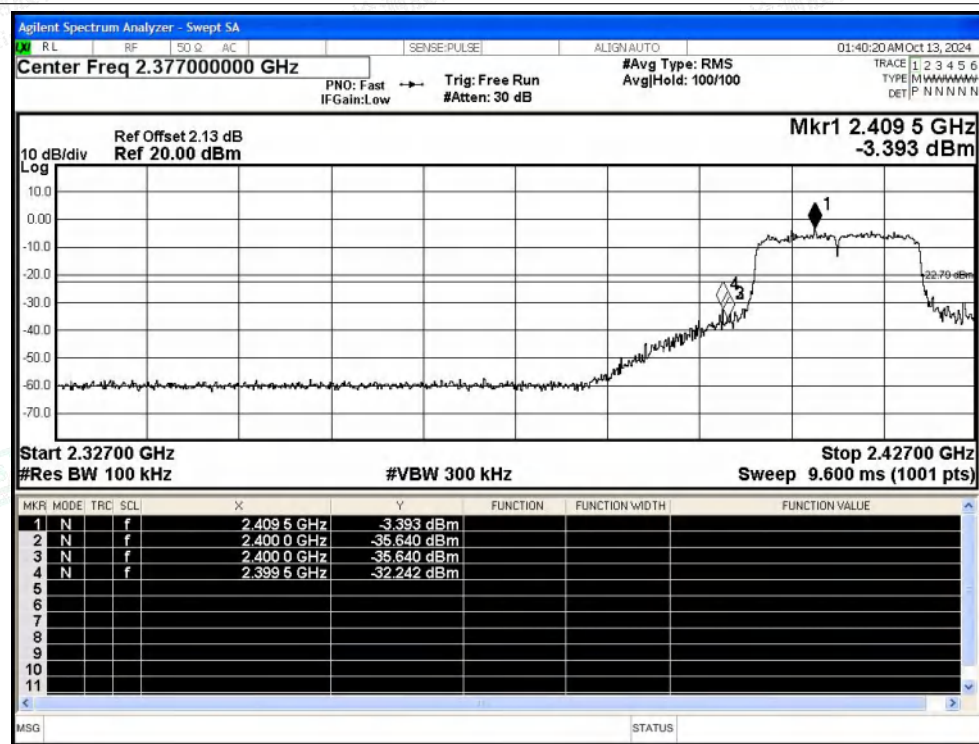
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## Band Edge NVNT n20 2412MHz Ant1 Ref



## Band Edge NVNT n20 2412MHz Ant1 Emission



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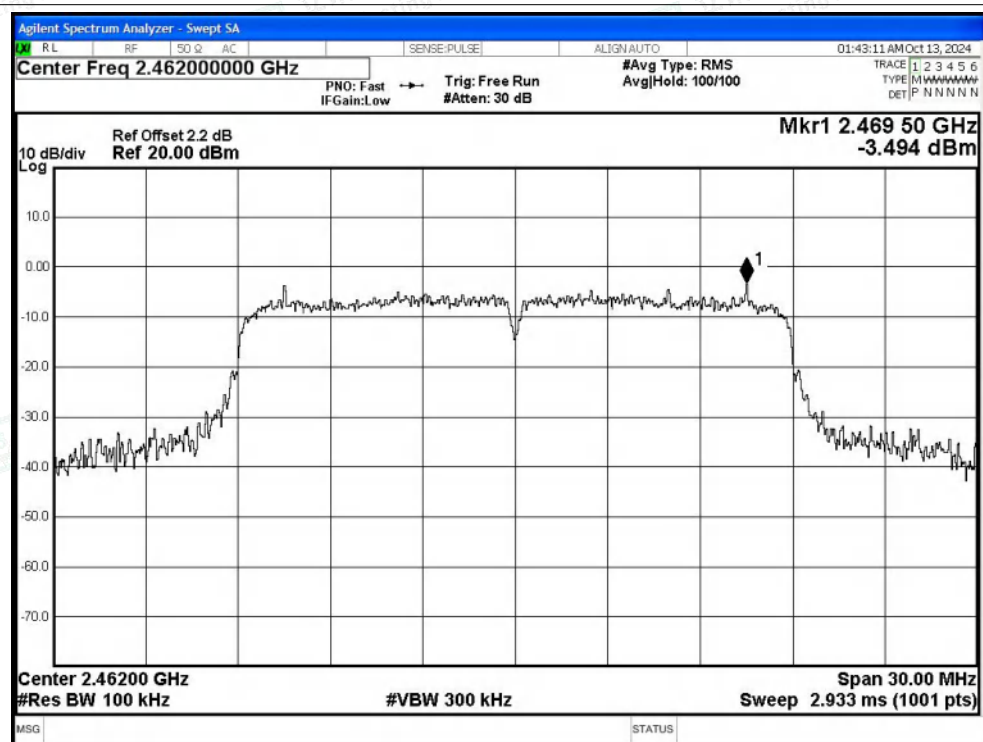
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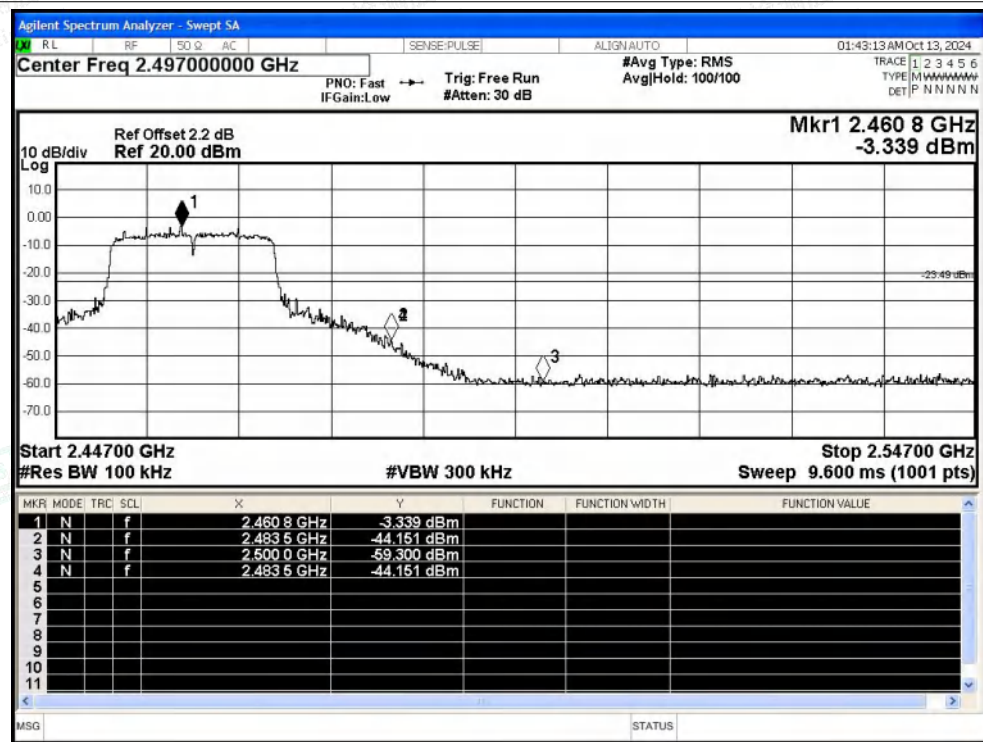
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## Band Edge NVNT n20 2462MHz Ant1 Ref



## Band Edge NVNT n20 2462MHz Ant1 Emission



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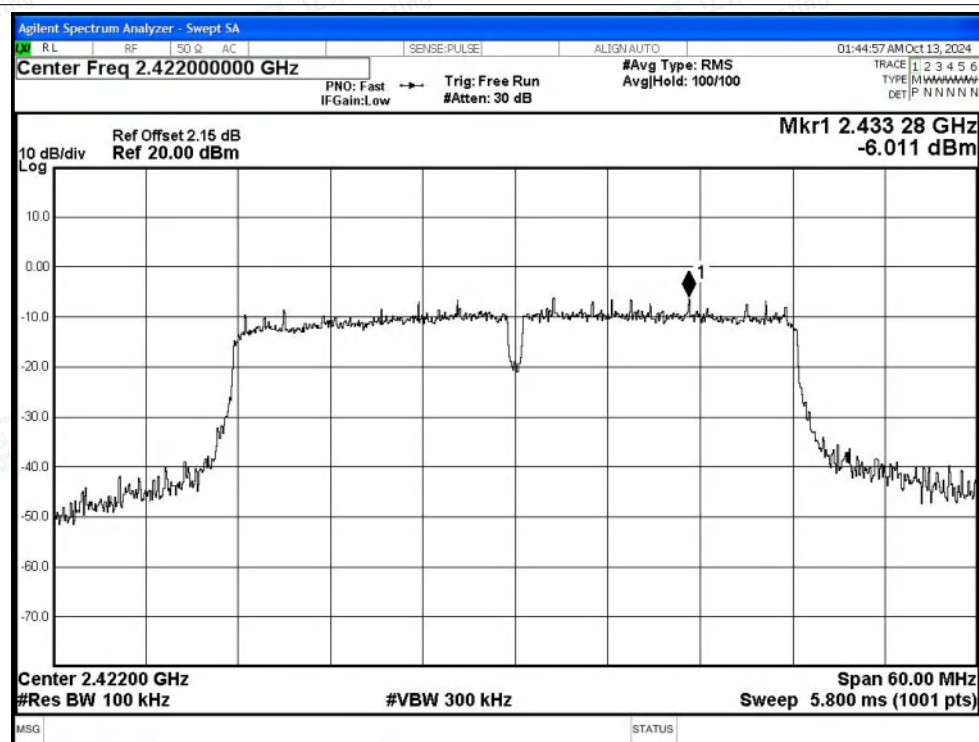
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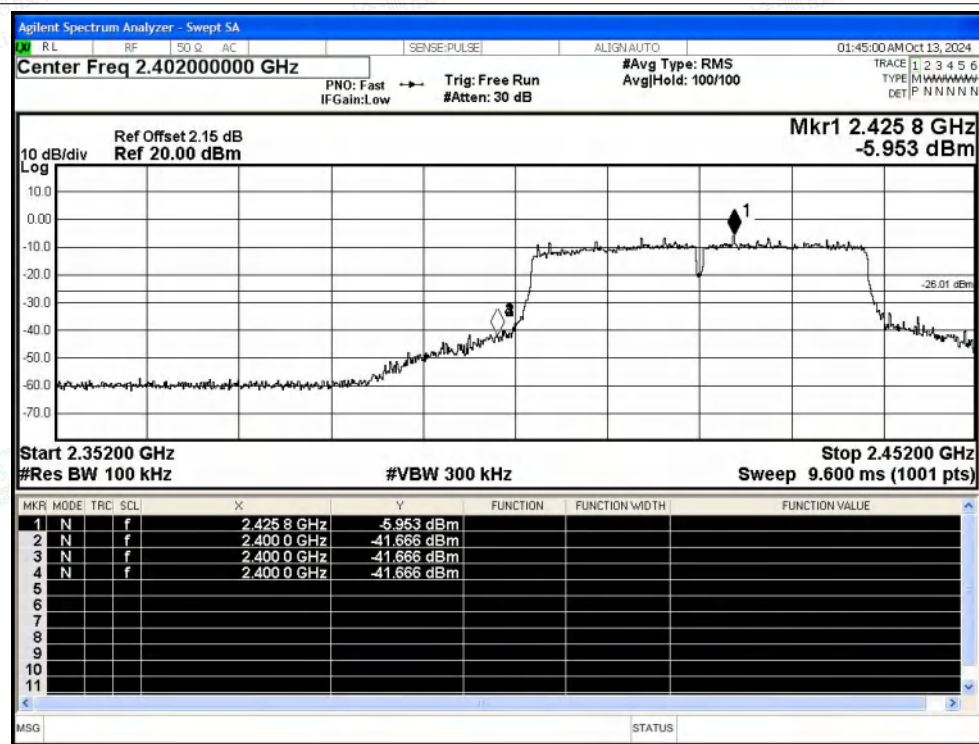
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## Band Edge NVNT n40 2422MHz Ant1 Ref



## Band Edge NVNT n40 2422MHz Ant1 Emission



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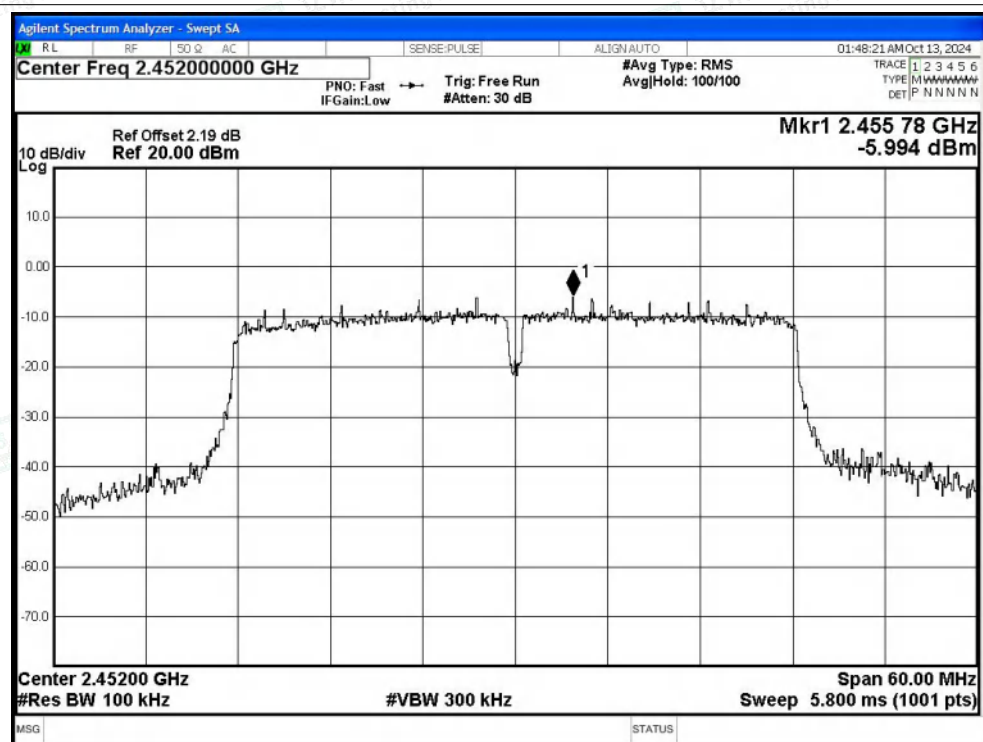
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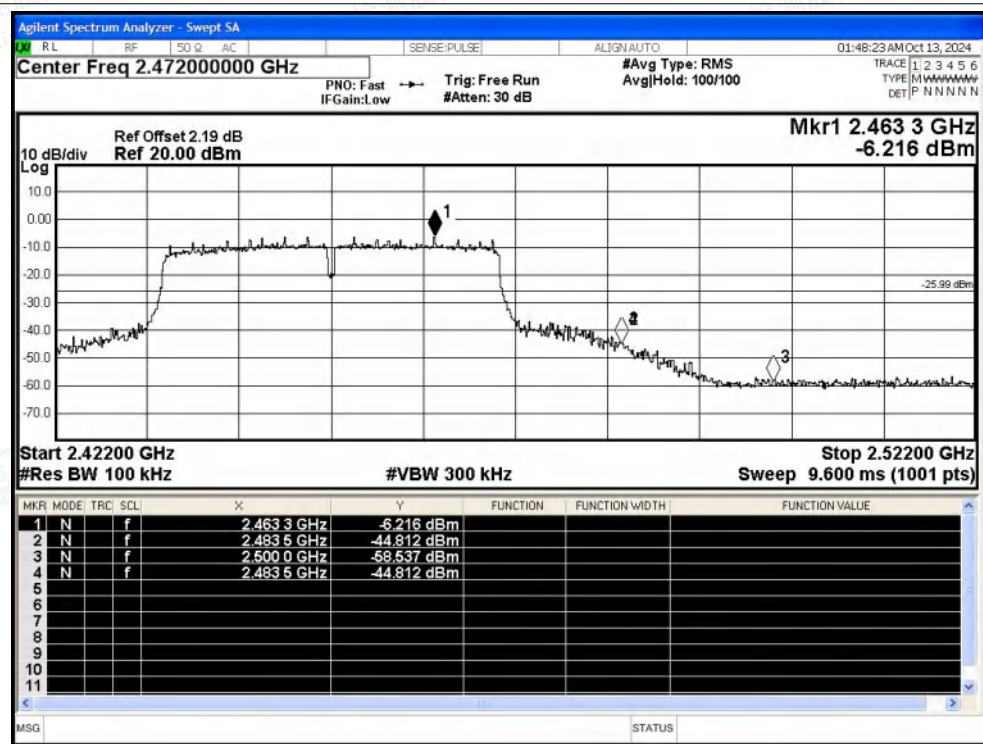
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## Band Edge NVNT n40 2452MHz Ant1 Ref



## 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    | -51.54          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -51.21          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -50.84          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -45.61          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -45.42          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -44.09          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -42.37          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -44.21          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -42.39          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -40.17          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -39.38          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -39.54          | -20         | Pass    |



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

Scan code to check authenticity

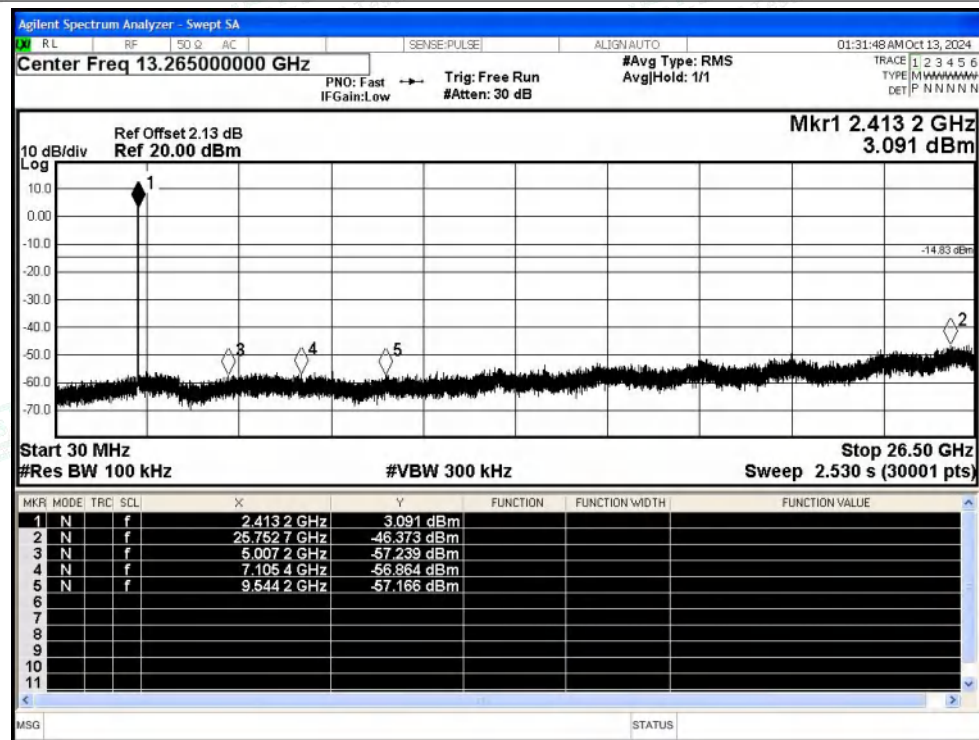


## Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

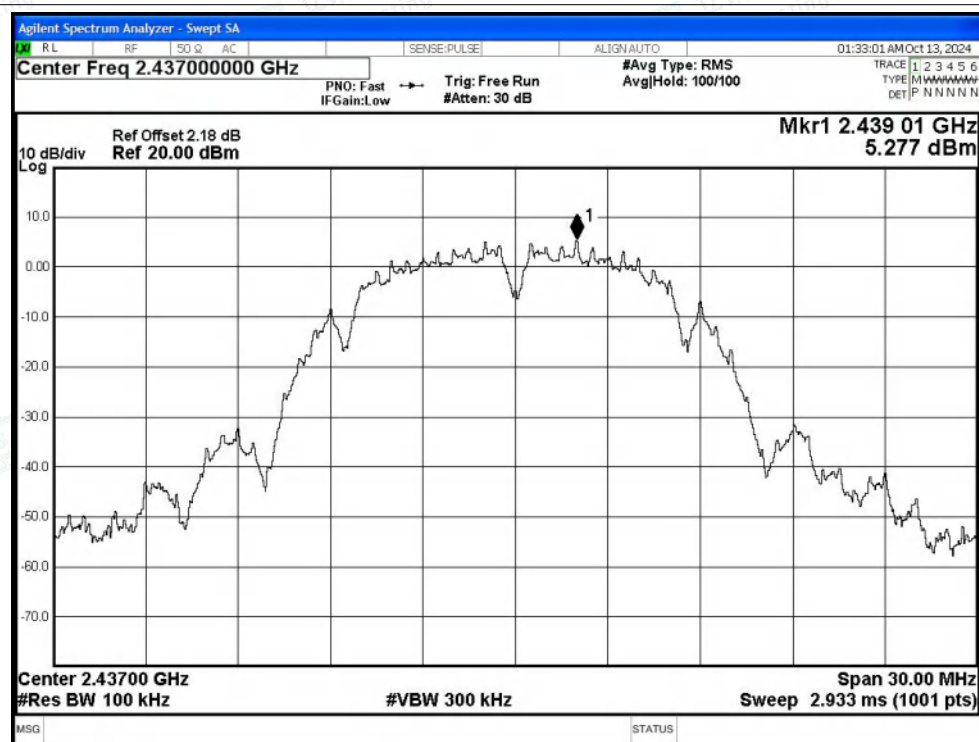
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

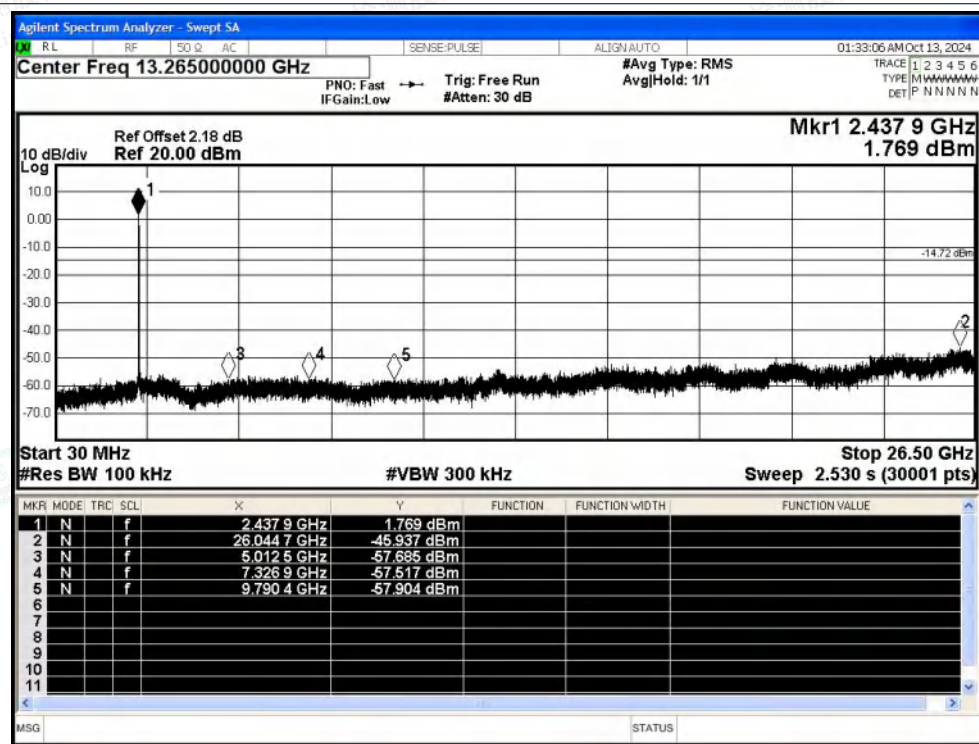
Scan code to check authenticity



## Tx. Spurious NVNT b 2437MHz Ant1 Ref



## Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

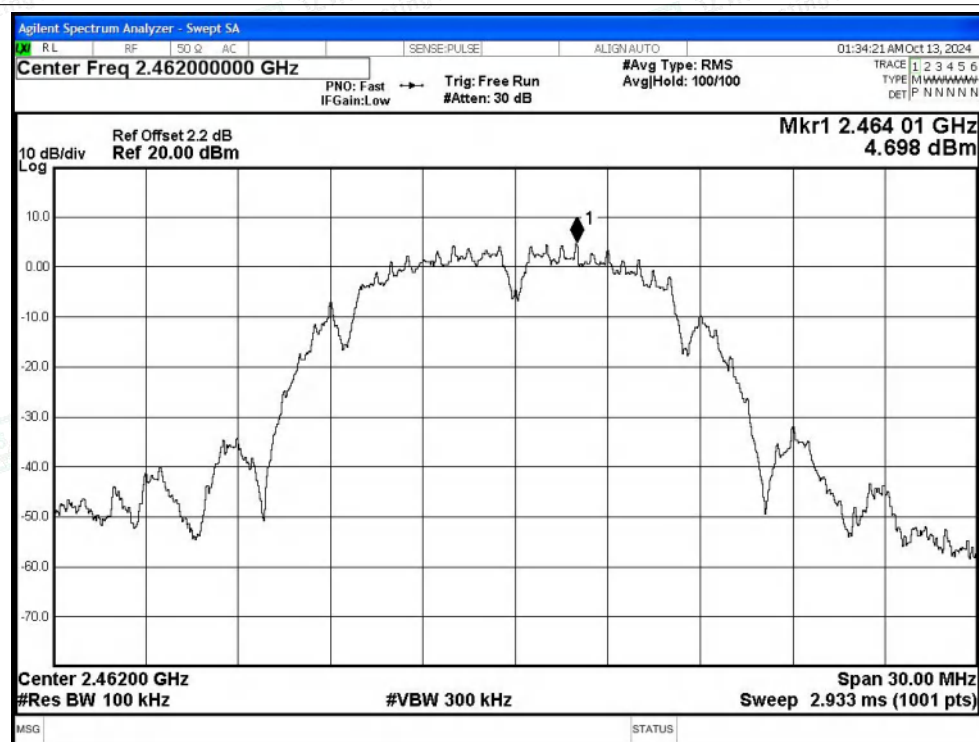
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

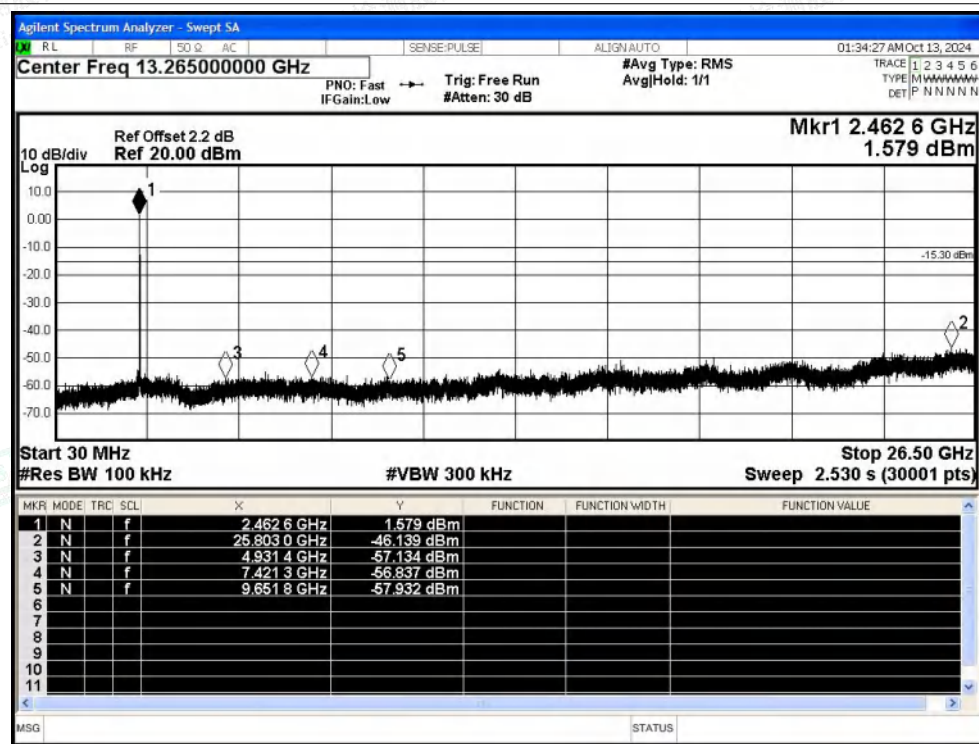
Scan code to check authenticity



## Tx. Spurious NVNT b 2462MHz Ant1 Ref



## Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

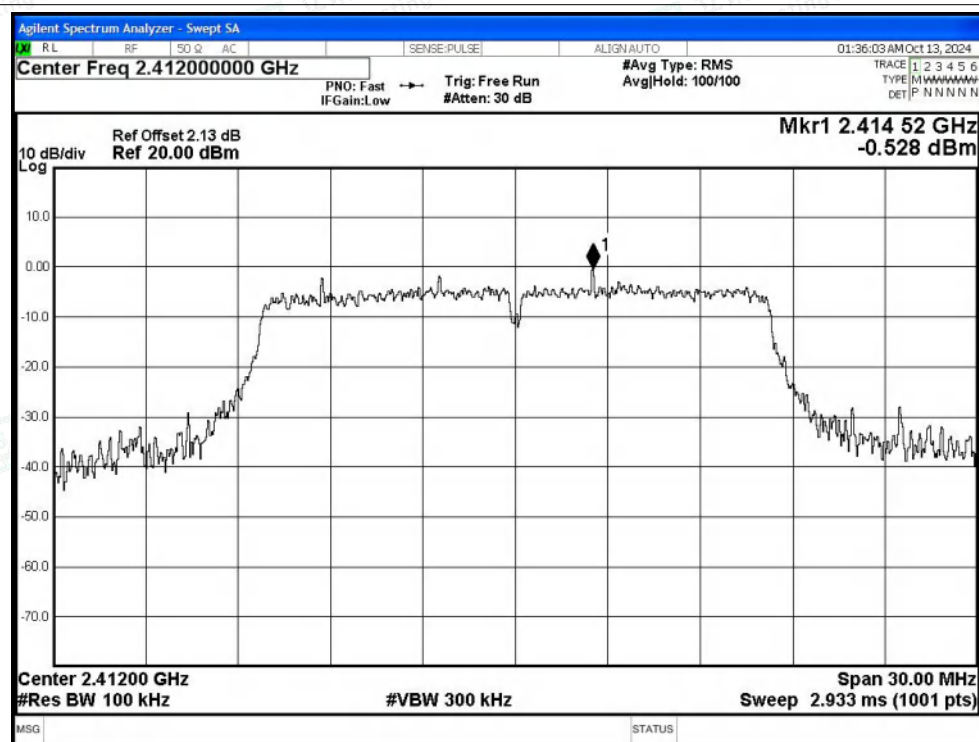
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

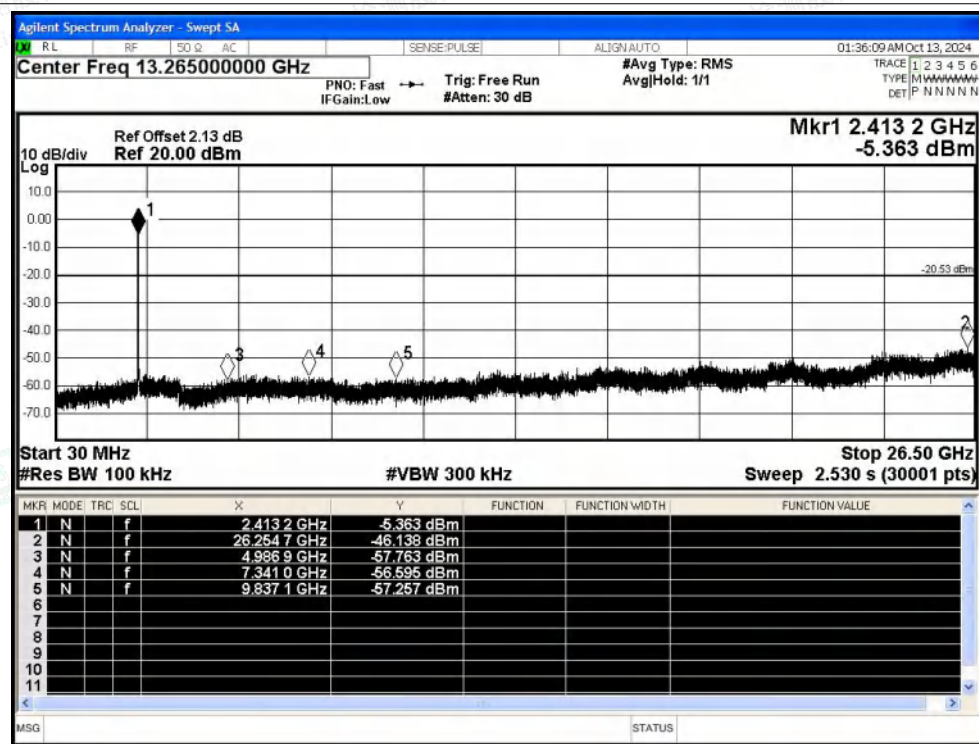
Scan code to check authenticity



## Tx. Spurious NVNT g 2412MHz Ant1 Ref



## Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

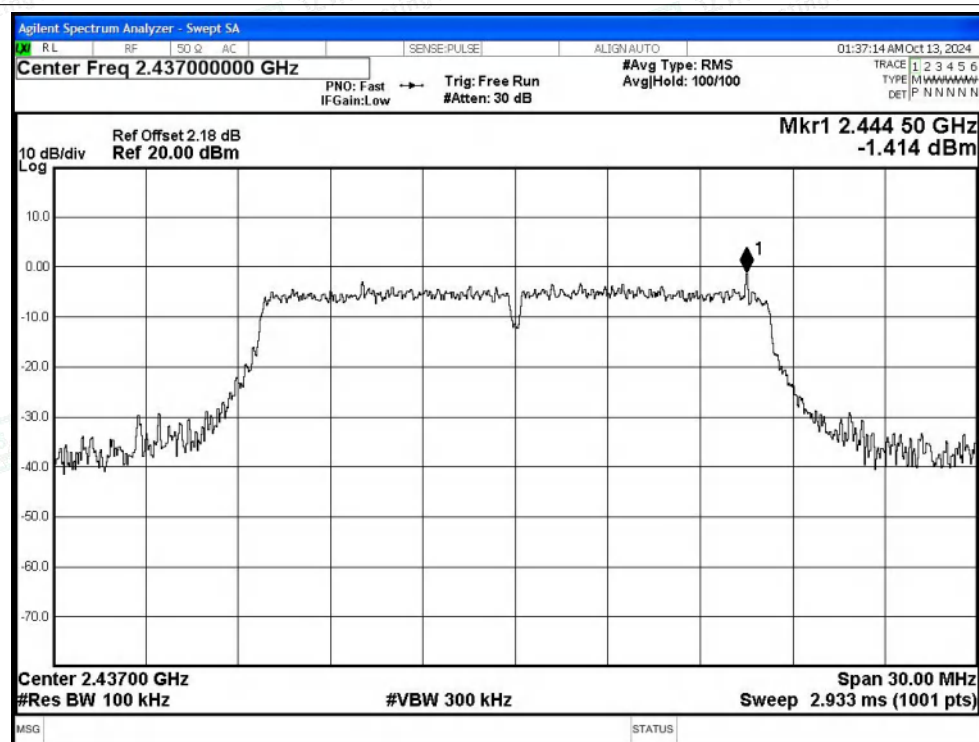
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

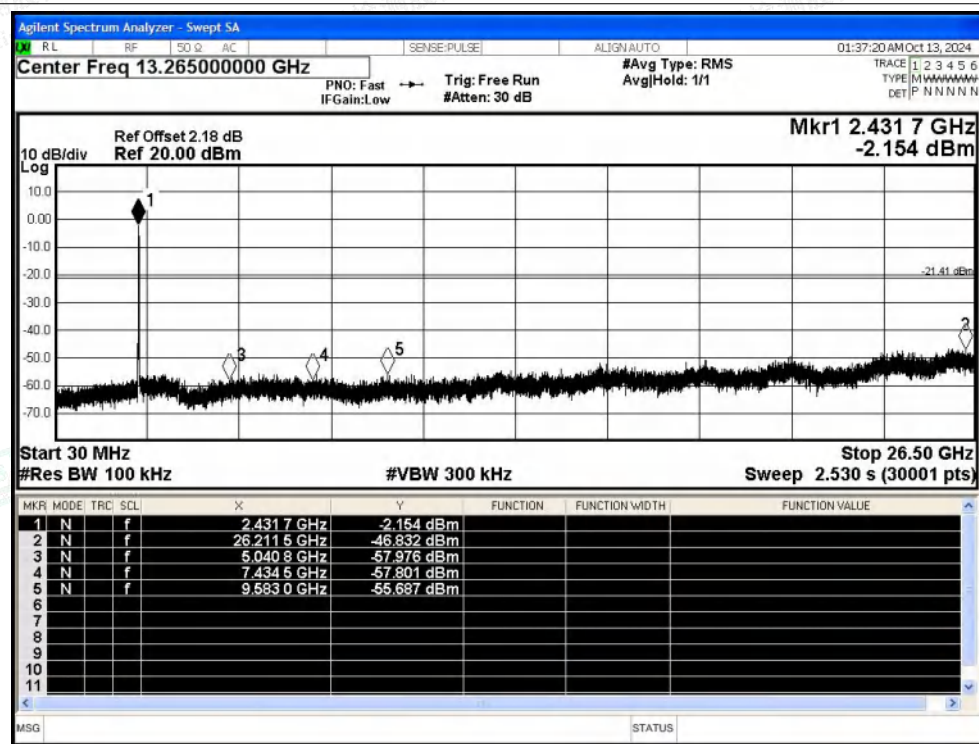
Scan code to check authenticity



## Tx. Spurious NVNT g 2437MHz Ant1 Ref



## Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

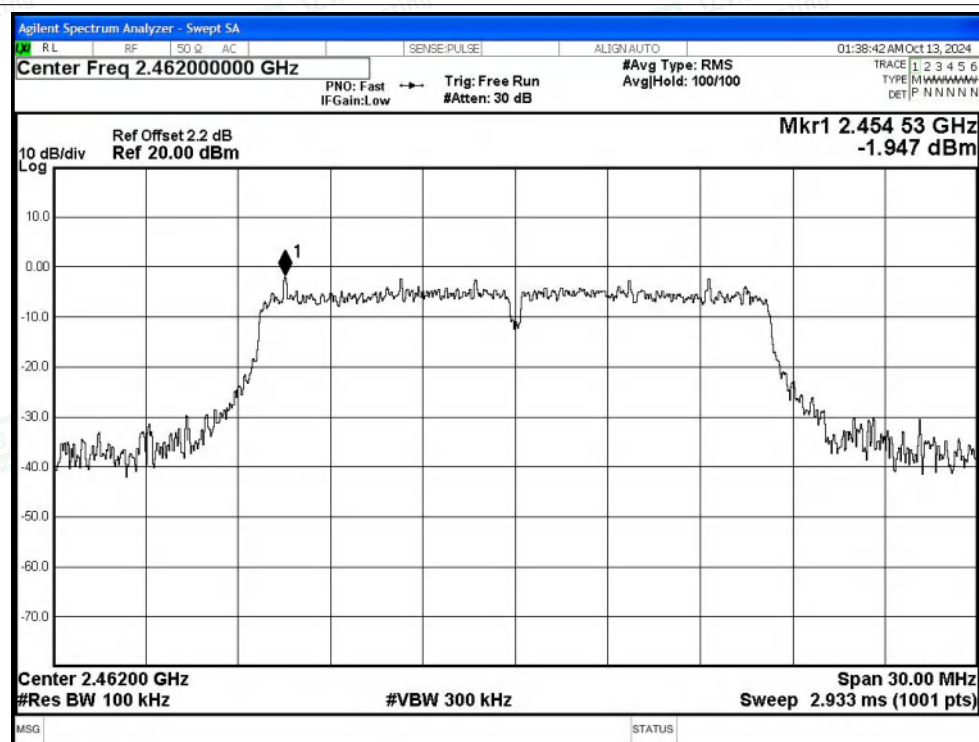
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

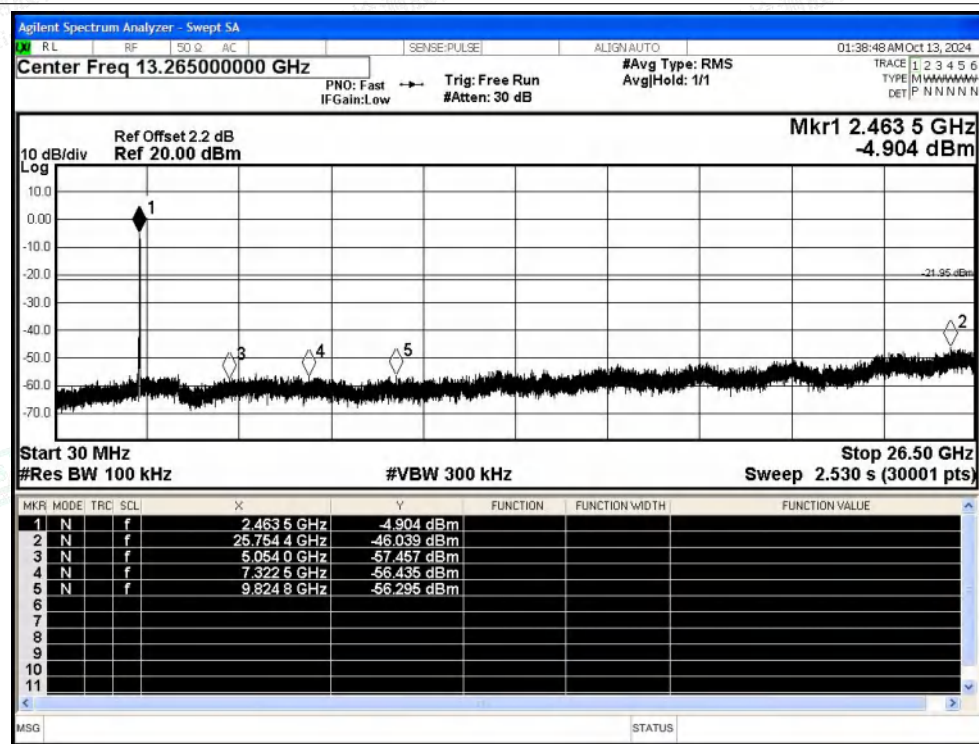
Scan code to check authenticity



## Tx. Spurious NVNT g 2462MHz Ant1 Ref



## Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

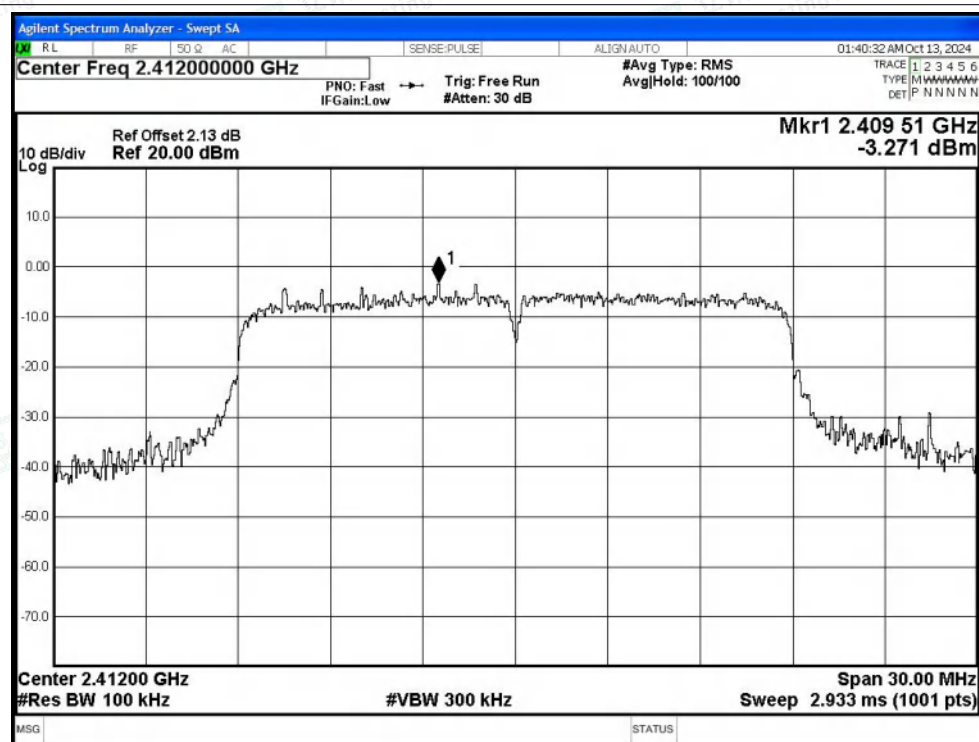
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

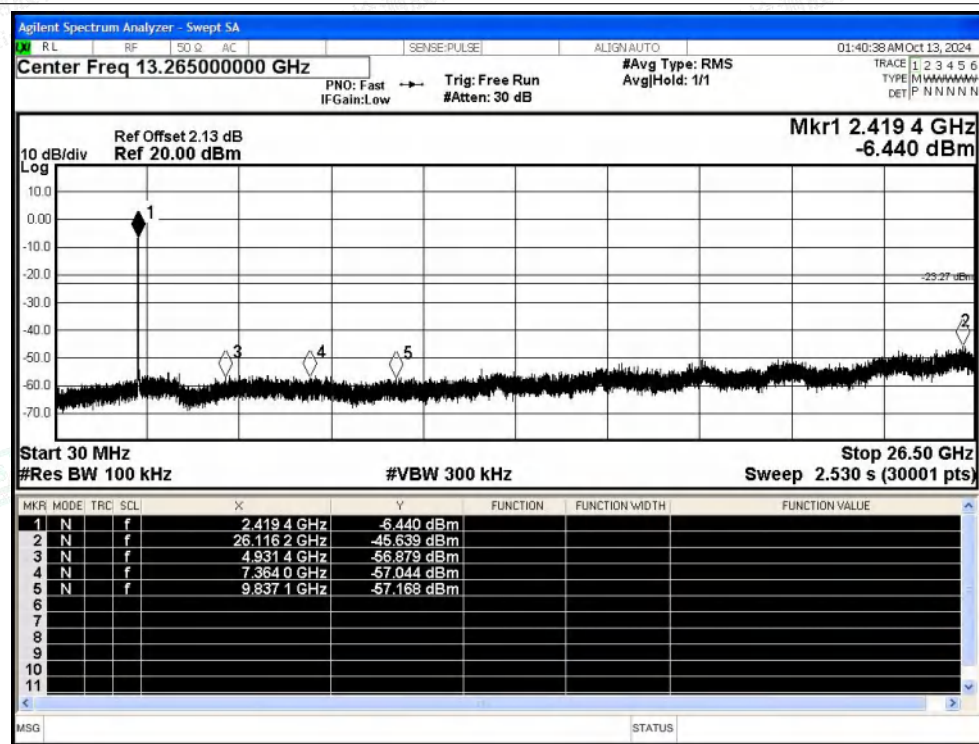
Scan code to check authenticity



## Tx. Spurious NVNT n20 2412MHz Ant1 Ref



## Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

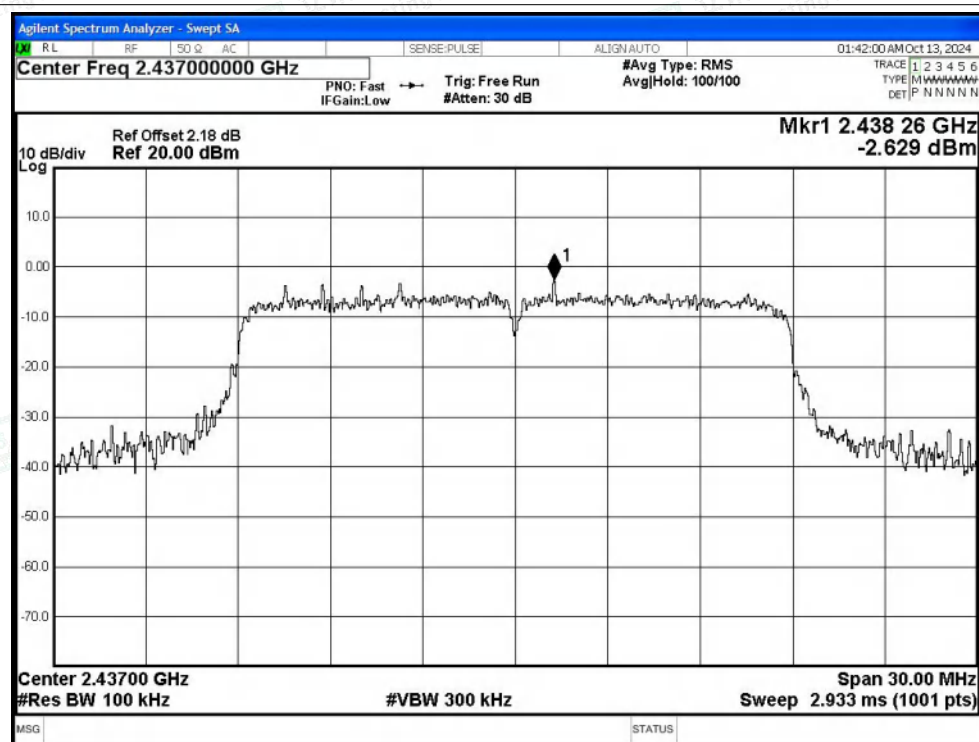
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

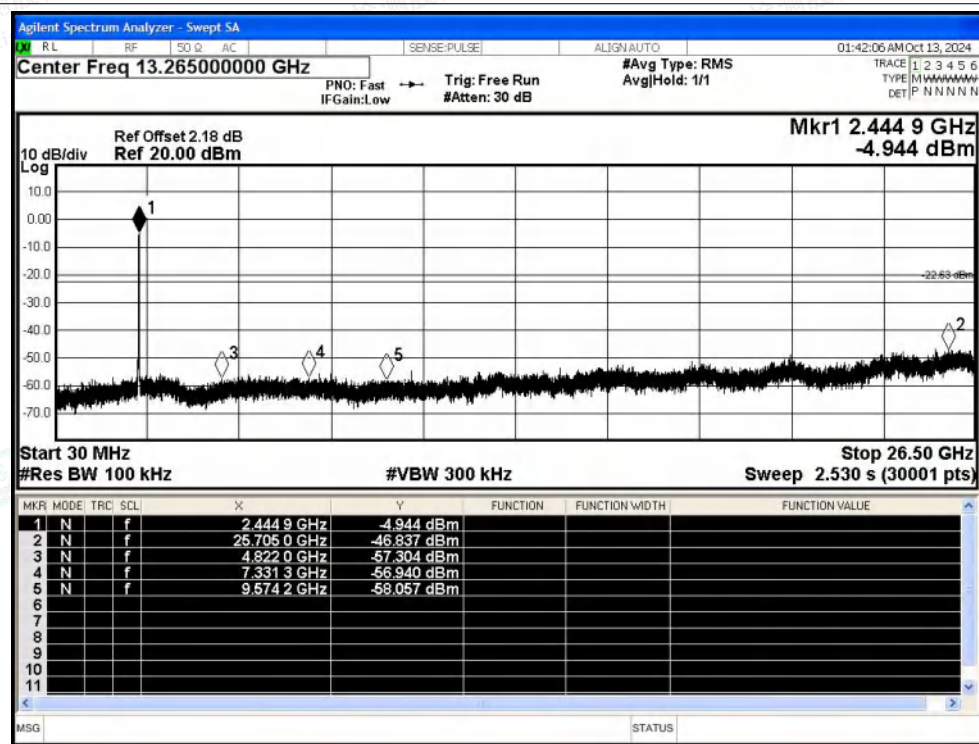
Scan code to check authenticity



## Tx. Spurious NVNT n20 2437MHz Ant1 Ref



## Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

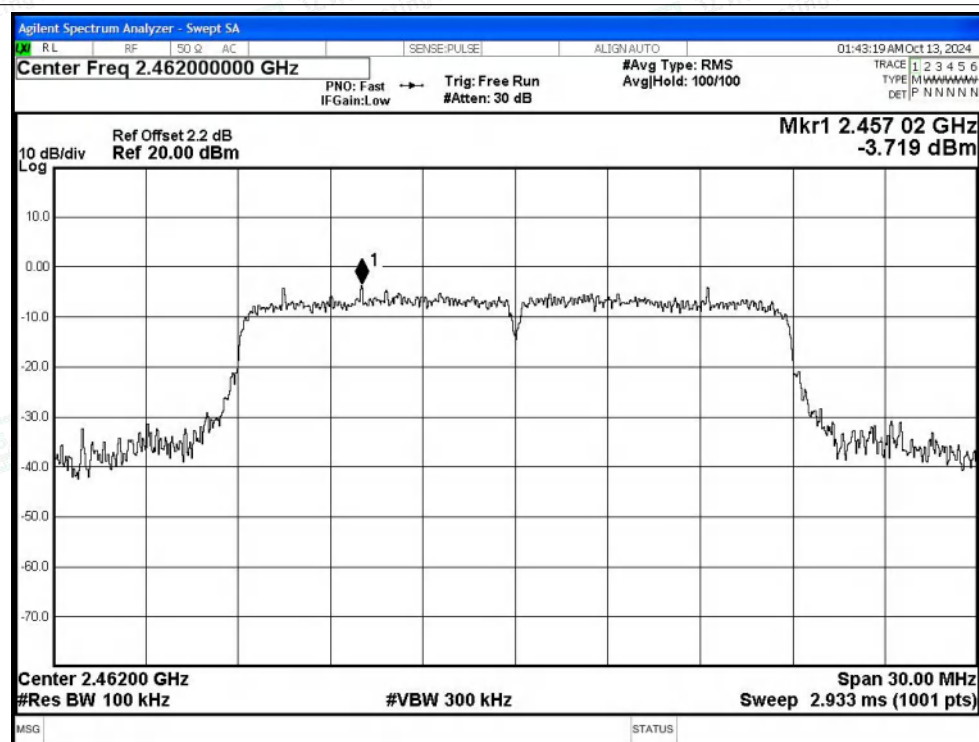
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

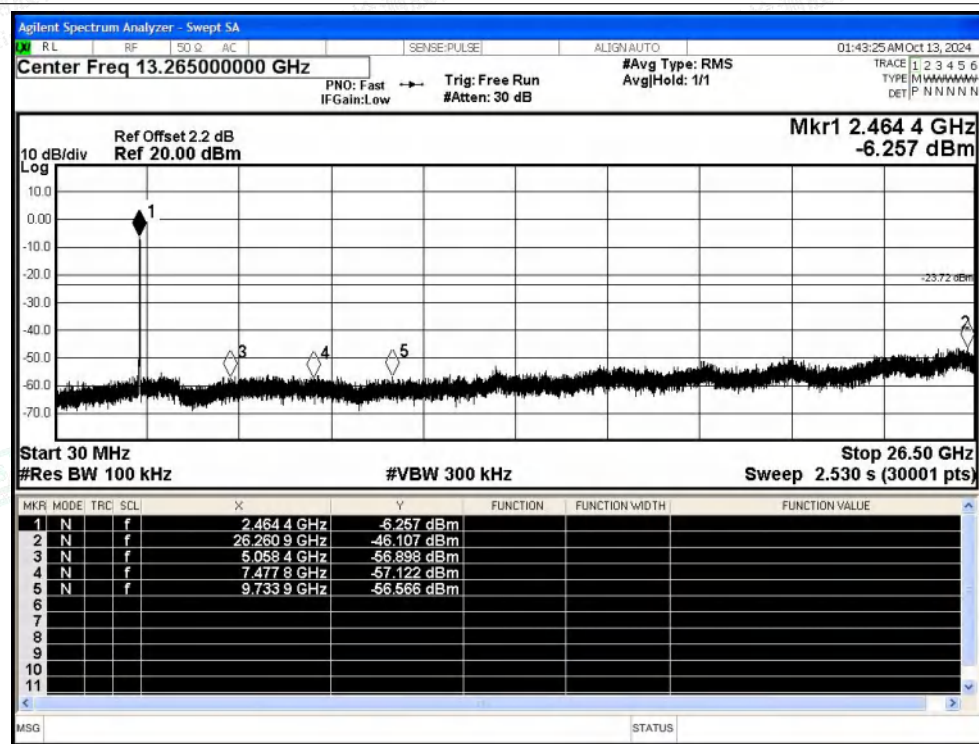
Scan code to check authenticity



## Tx. Spurious NVNT n20 2462MHz Ant1 Ref



## Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

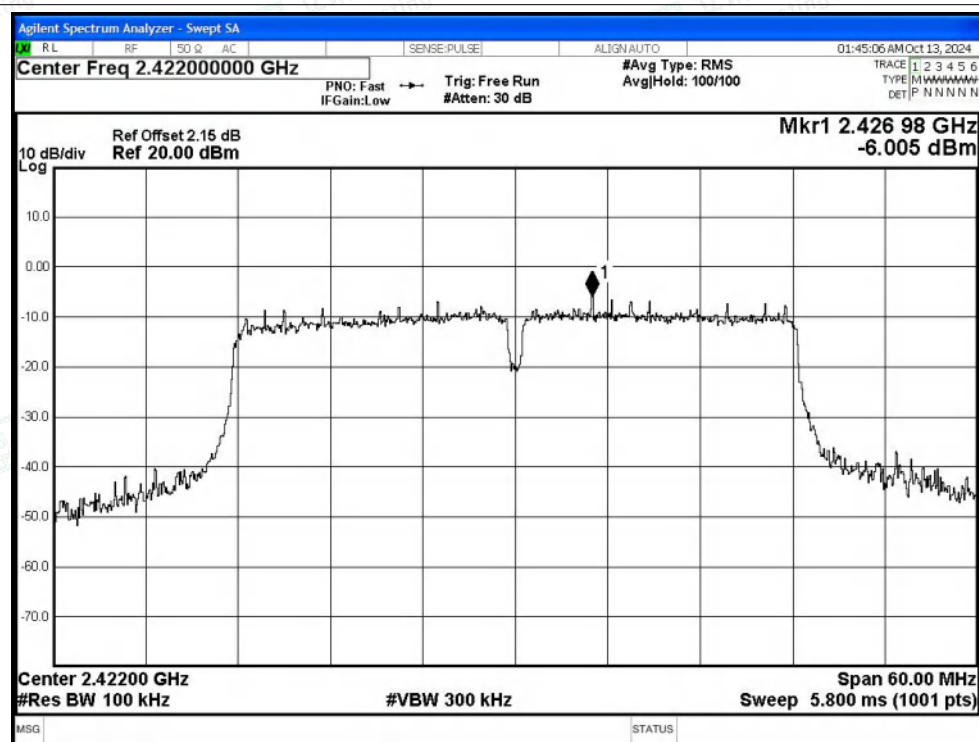
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

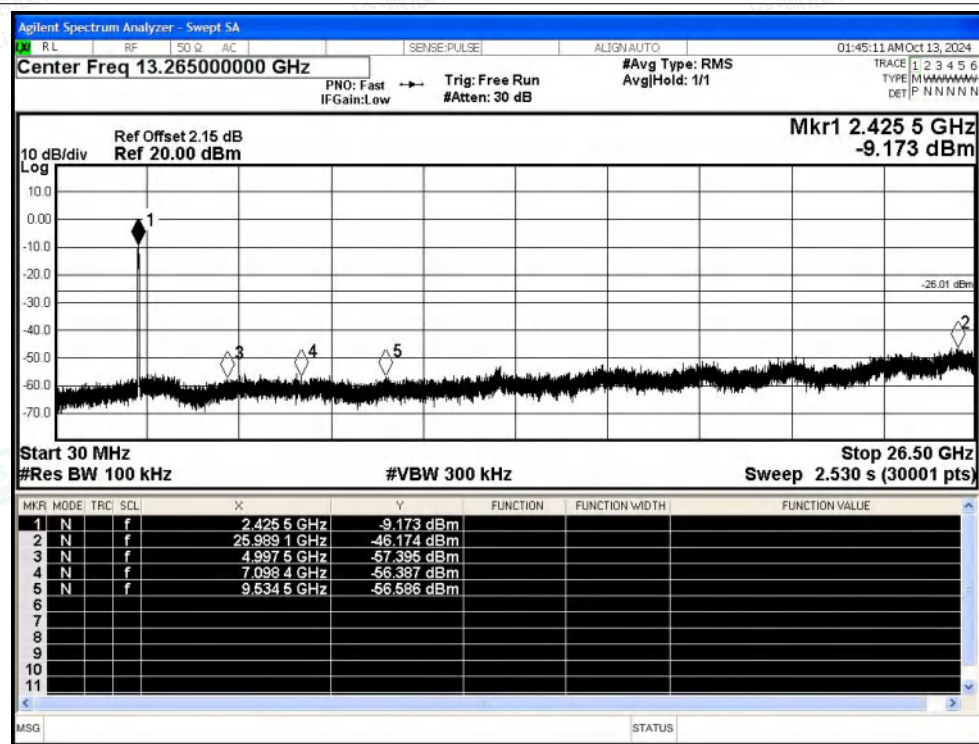
Scan code to check authenticity



## Tx. Spurious NVNT n40 2422MHz Ant1 Ref



## Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

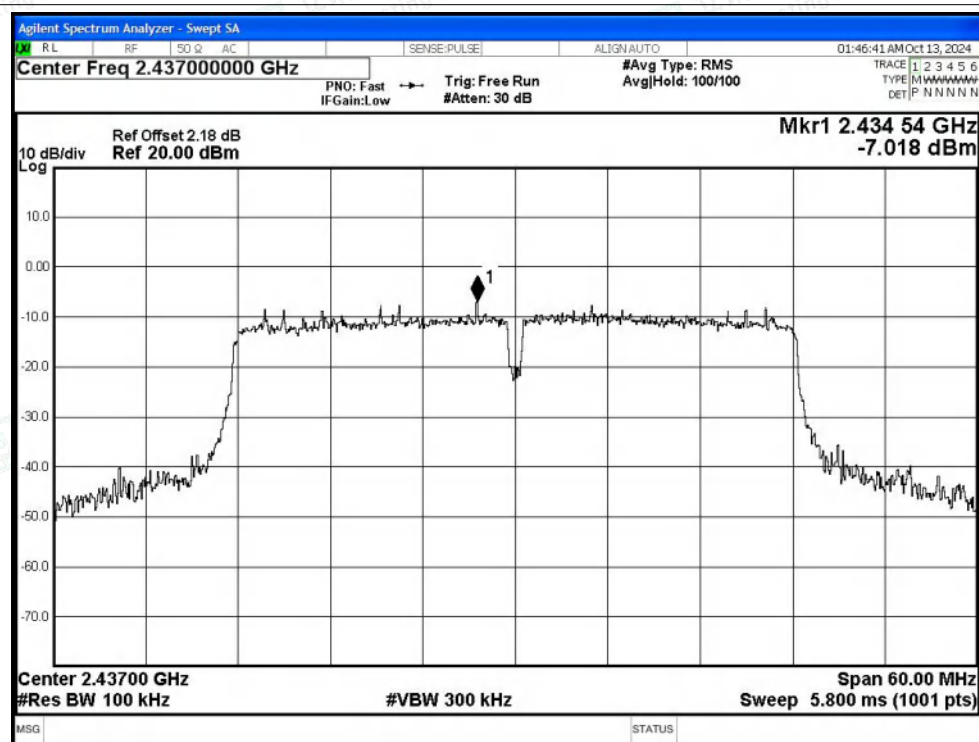
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

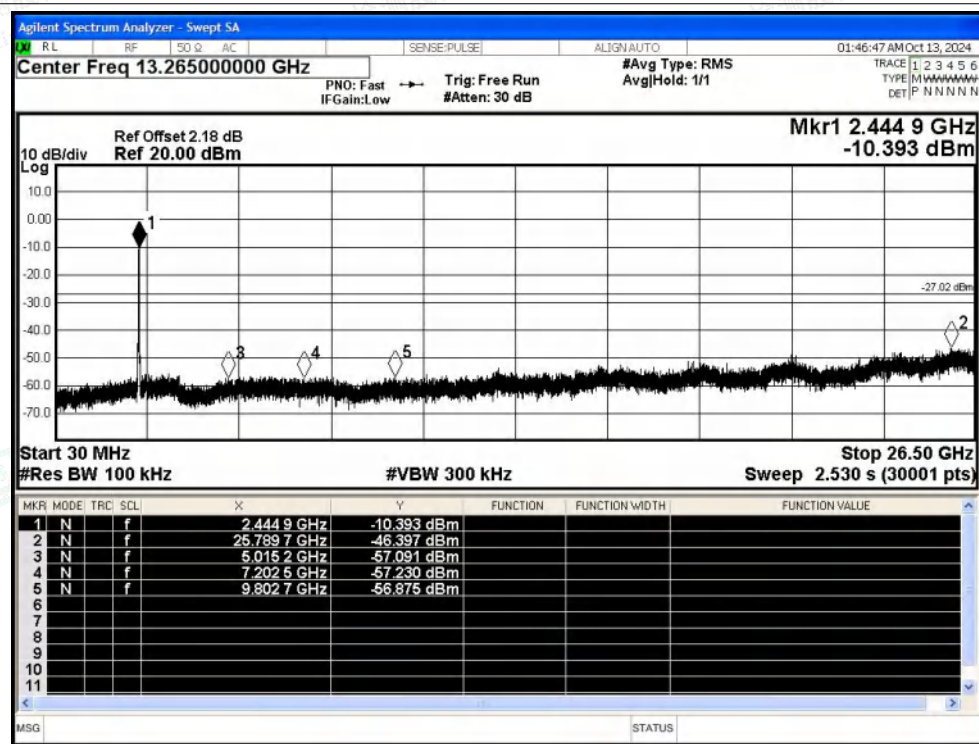
Scan code to check authenticity



## Tx. Spurious NVNT n40 2437MHz Ant1 Ref



## Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

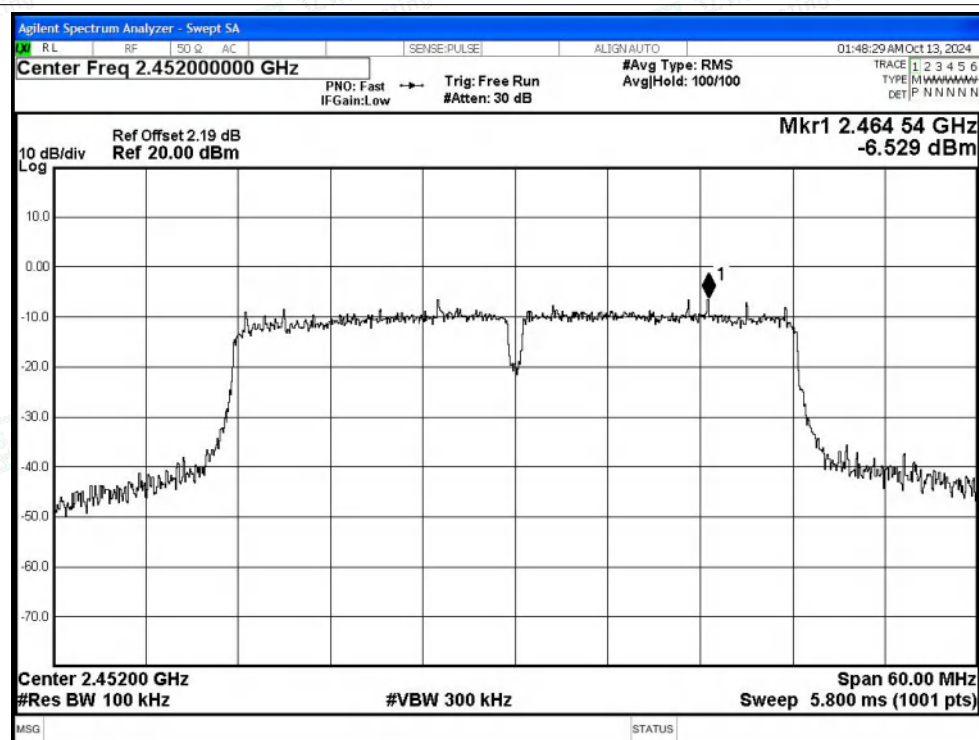
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

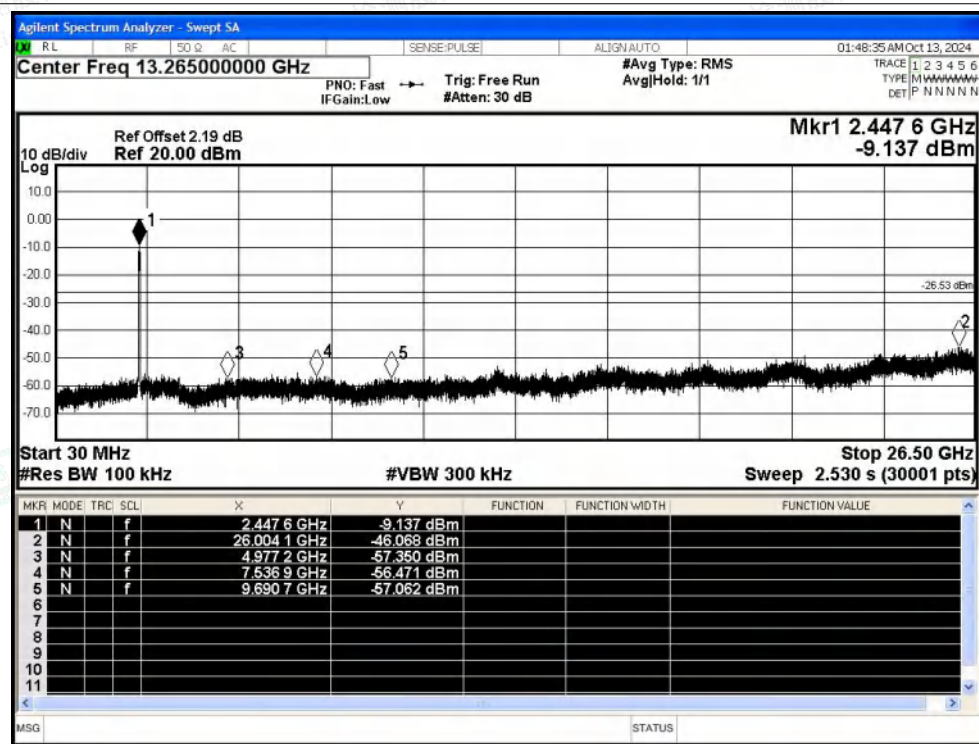
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## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## 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    | 99.16          | 0                      | 0.15      |
| NVNT      | b    | 2437            | Ant1    | 99.16          | 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    | 97.75          | 0.1                    | 0.37      |
| NVNT      | g    | 2462            | Ant1    | 97.68          | 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    | 94.71          | 0.24                   | 0.9       |



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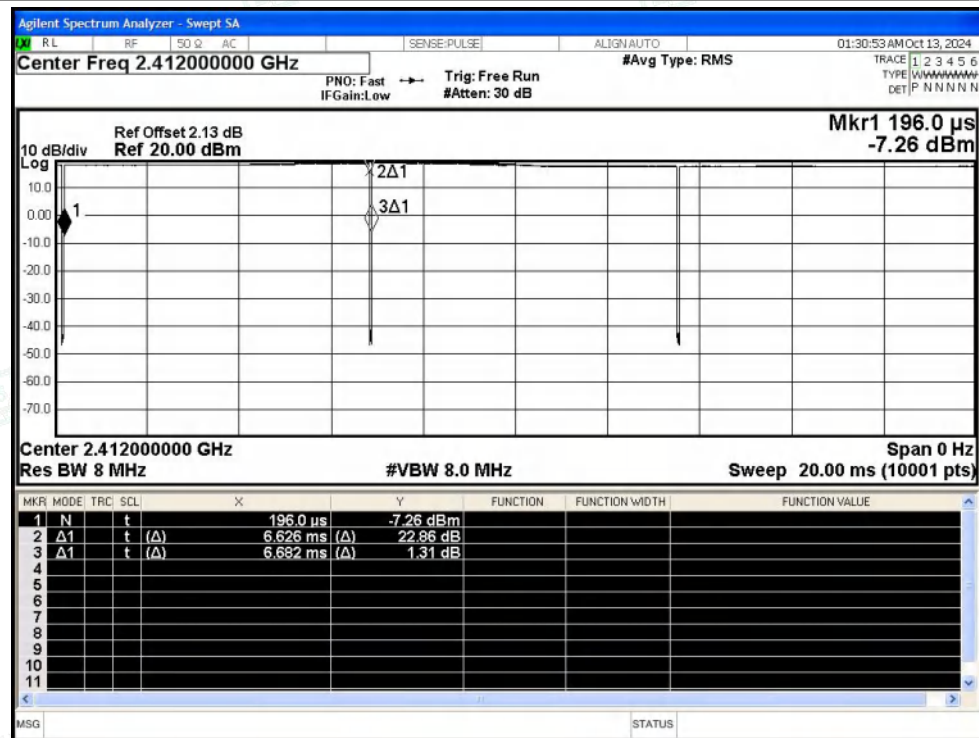
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

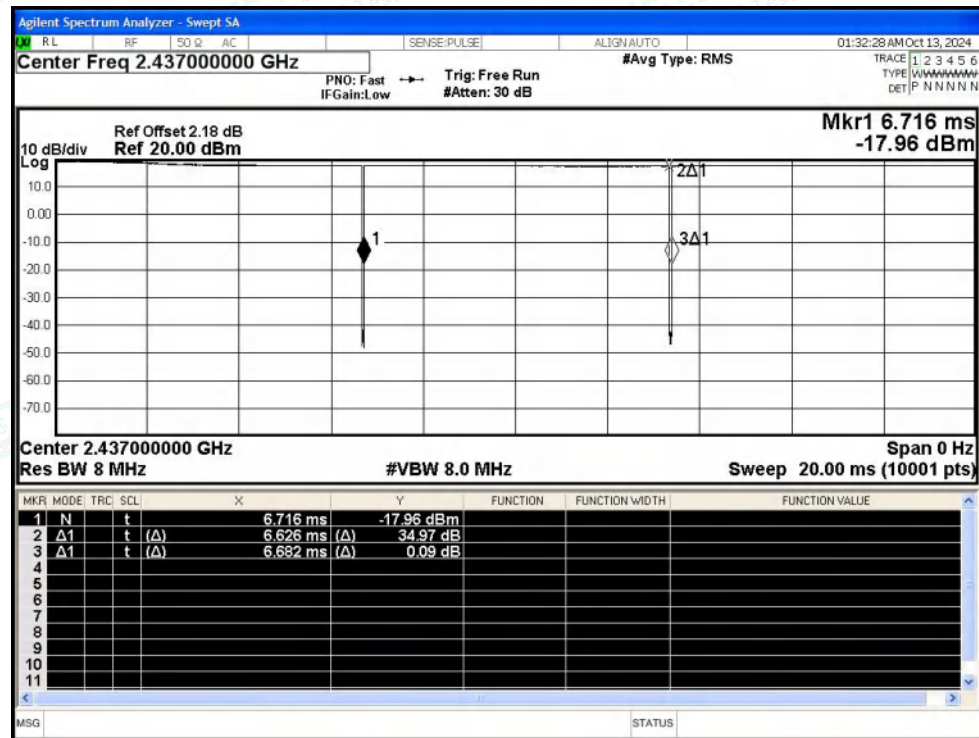


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1



## Duty Cycle NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

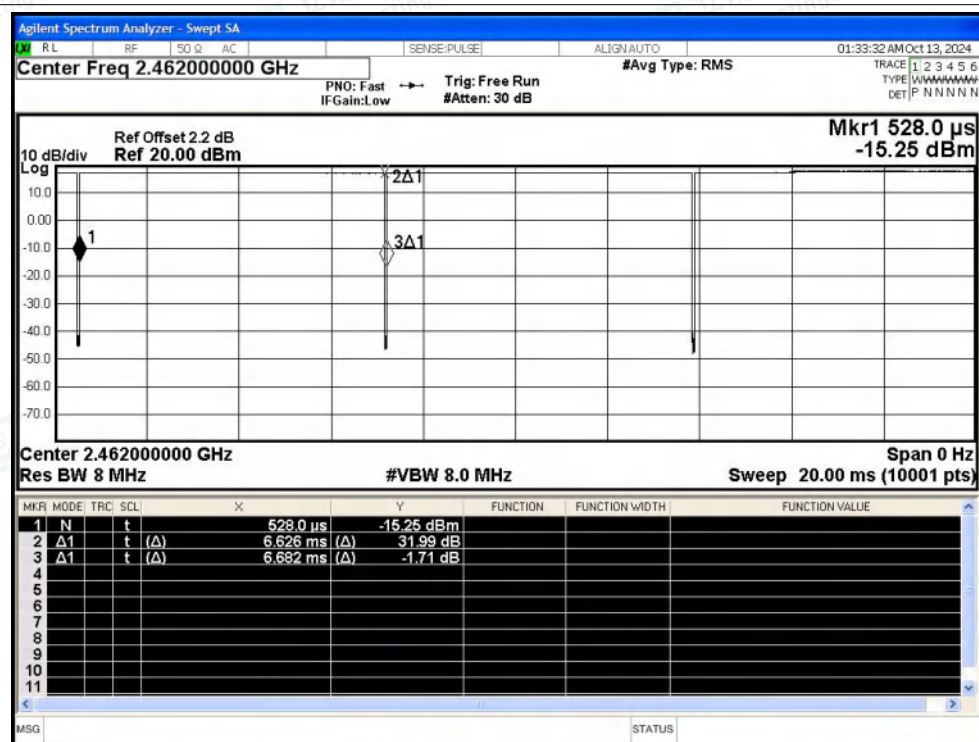
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

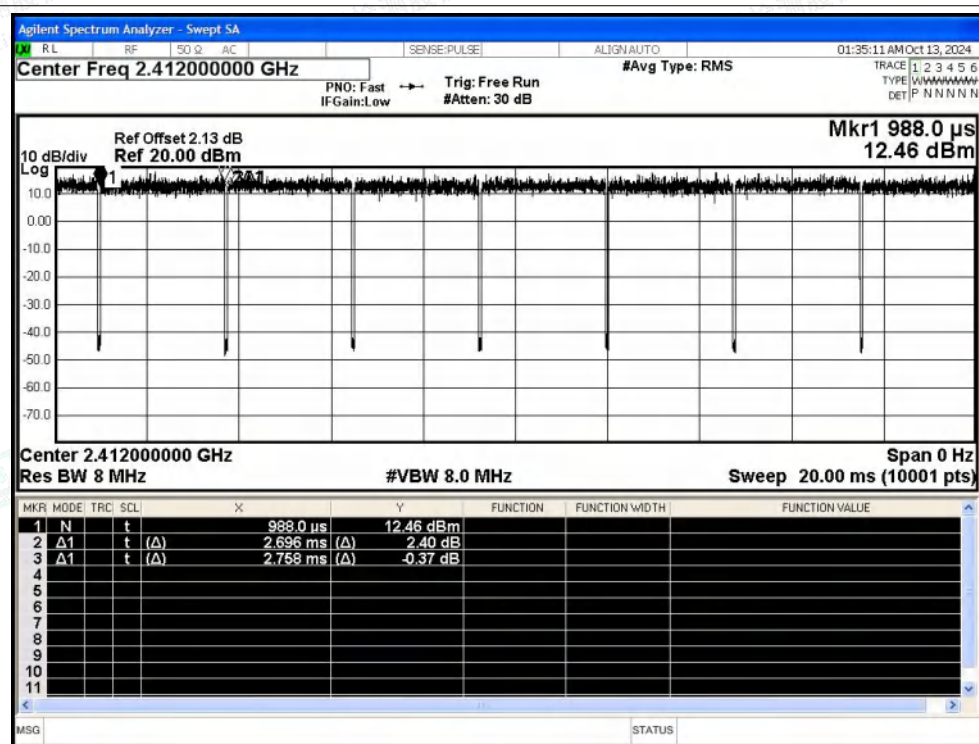
Scan code to check authenticity



## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

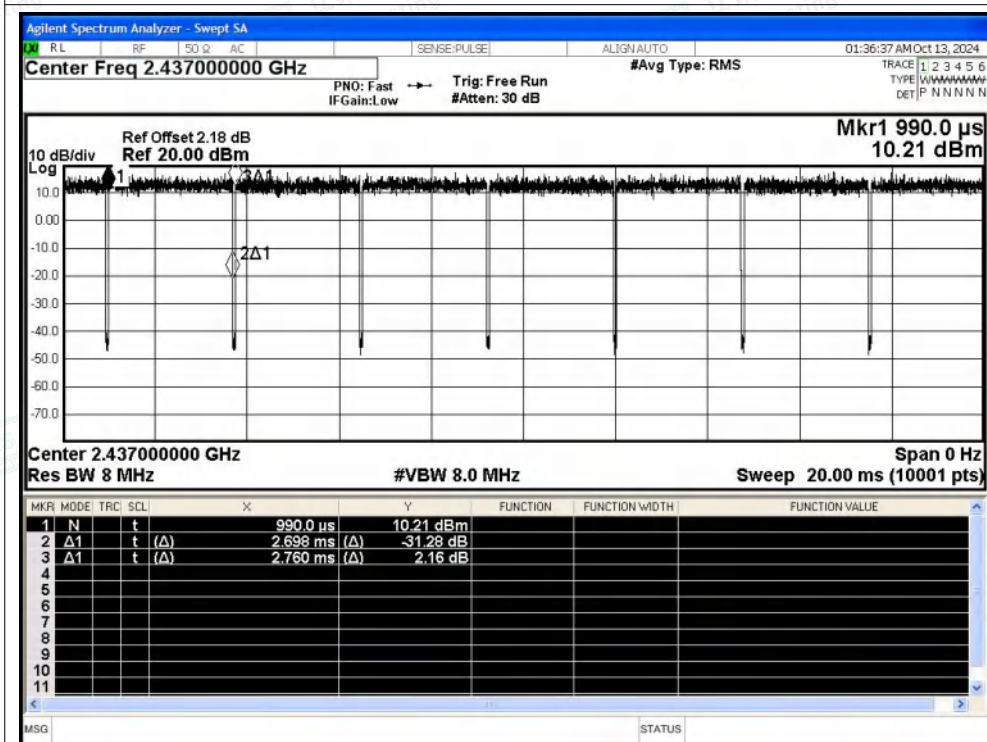
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

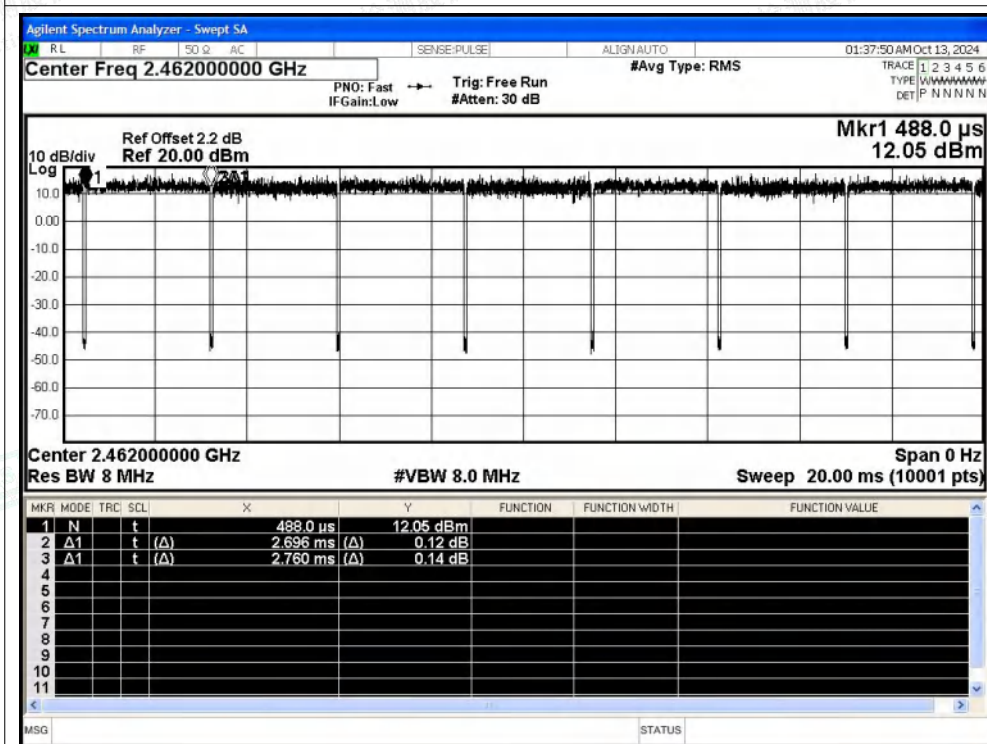
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1



## Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

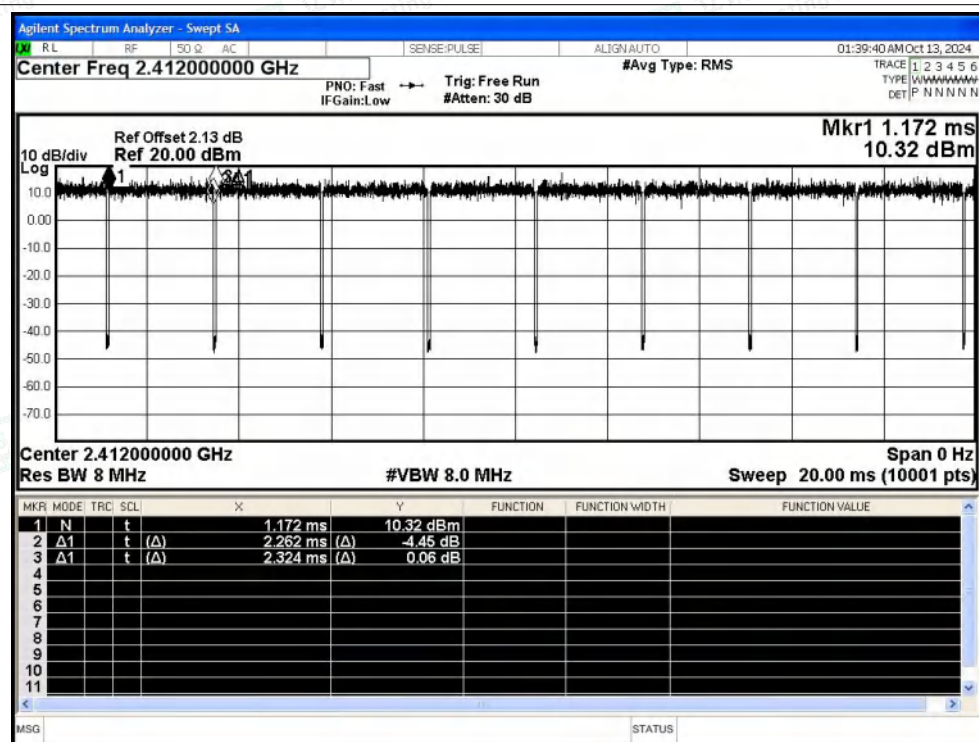
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

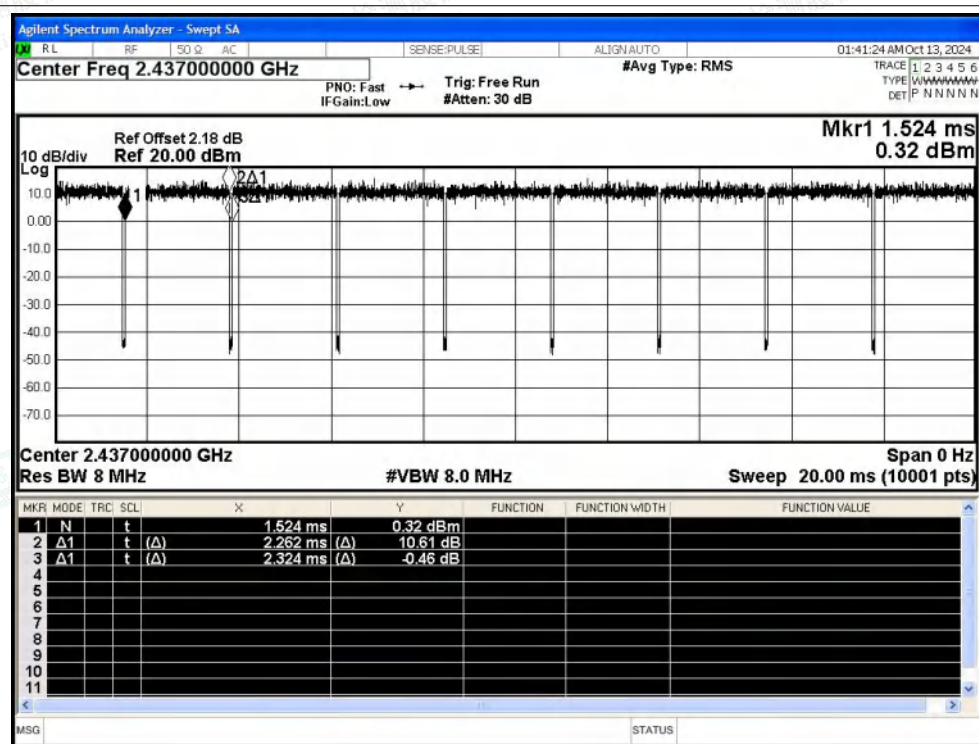
Scan code to check authenticity



## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

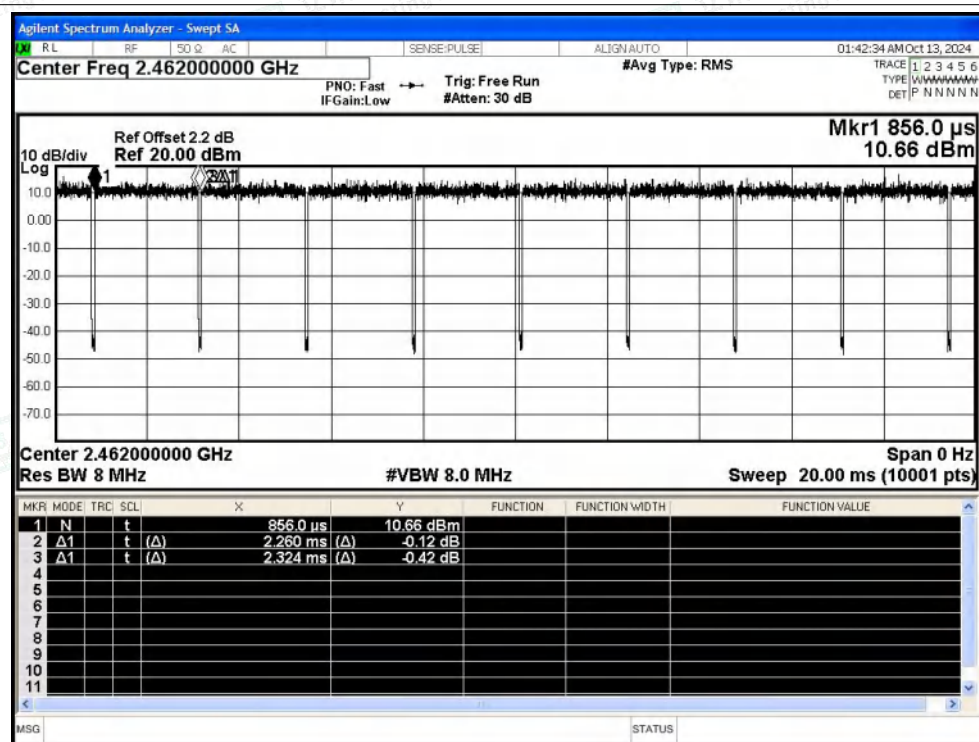
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

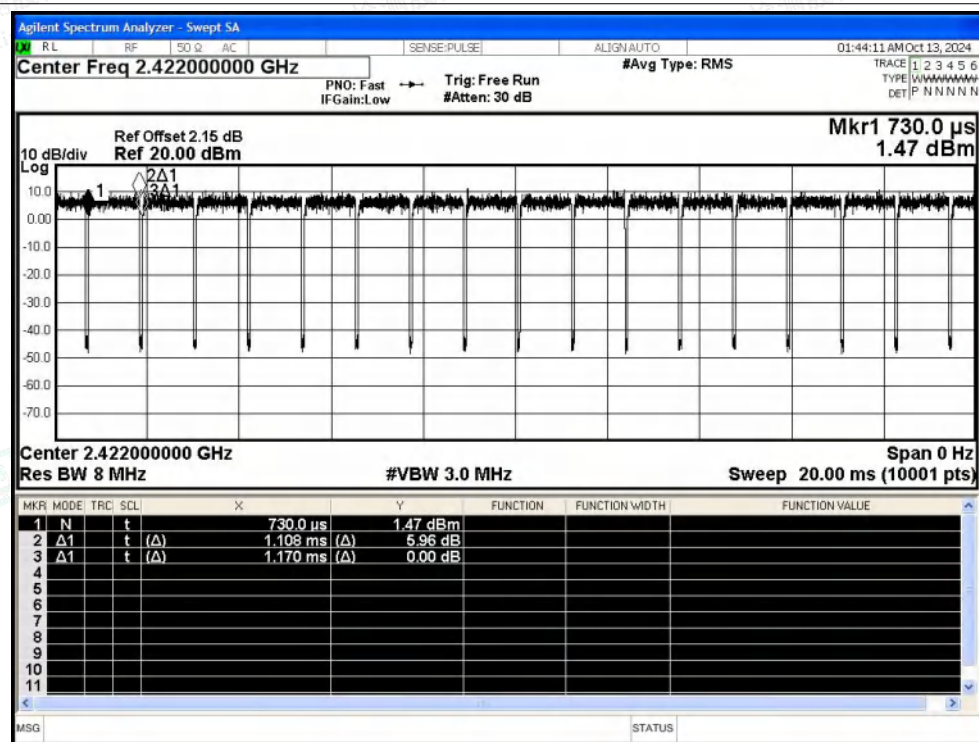
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant1



## Duty Cycle NVNT n40 2422MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

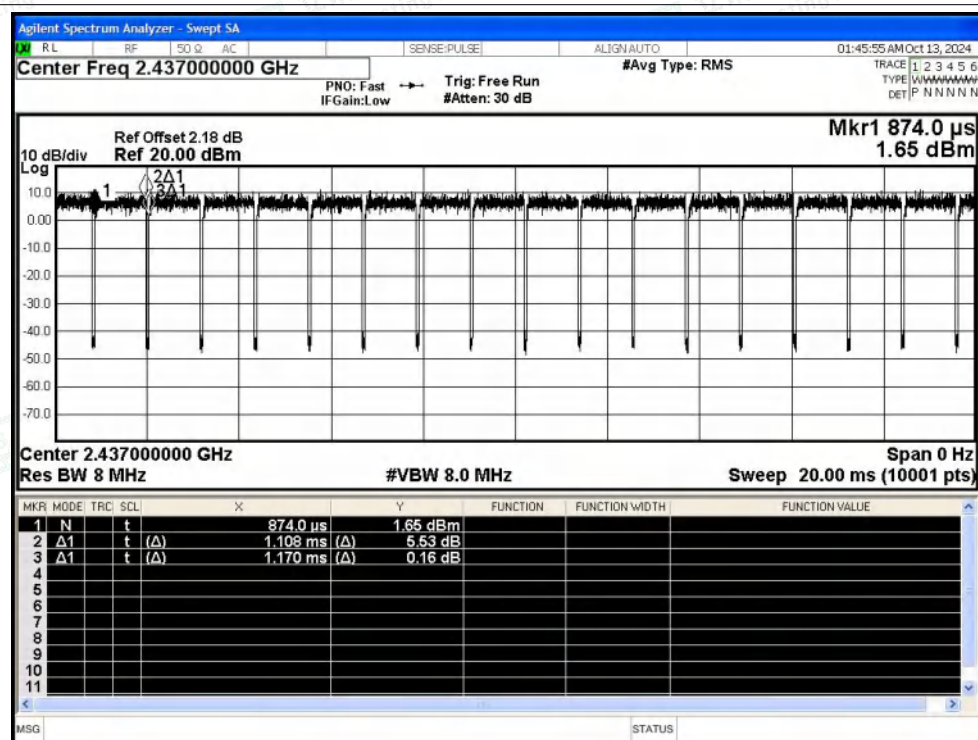
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

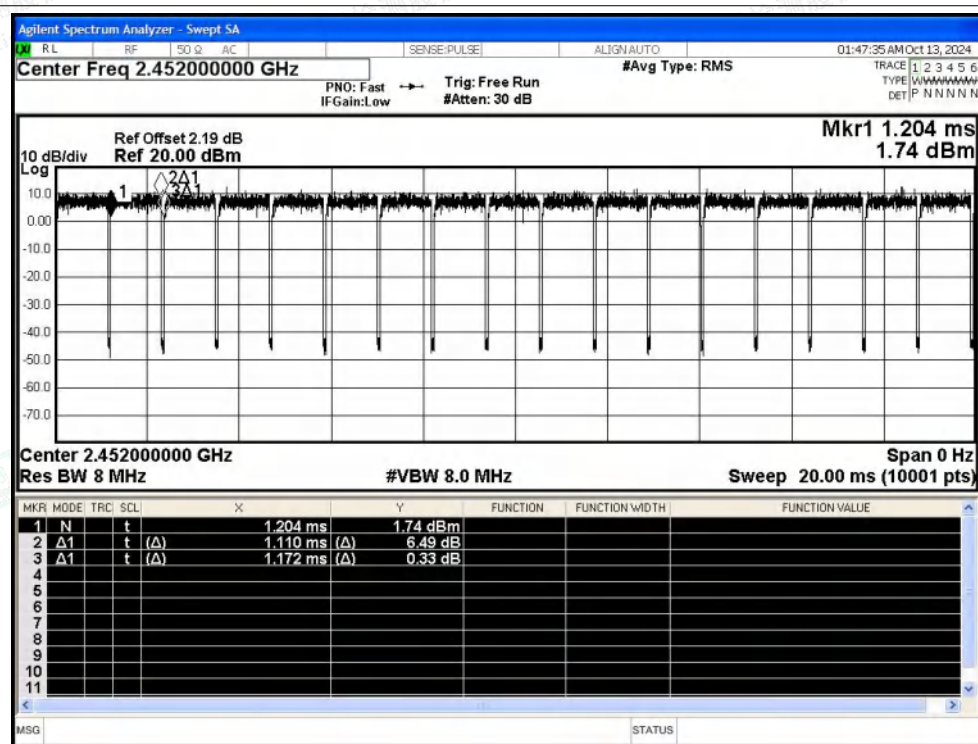
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## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1



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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            | -51.42      | 2.17       | -                | 46.01      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -59.1       | 2.17       | 0                | 38.33      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2348.259        | -46.82      | 2.17       | -                | 50.61      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2387.805        | -56.33      | 2.17       | 0                | 41.1       | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -48.09      | 2.17       | -                | 49.34      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -56.26      | 2.17       | 0                | 41.17      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -46.55      | 2.17       | -                | 50.88      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -54.12      | 2.17       | 0                | 43.31      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2484.206        | -45.11      | 2.17       | -                | 52.32      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.941        | -53.67      | 2.17       | 0                | 43.76      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -49.85      | 2.17       | -                | 47.58      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -57.69      | 2.17       | 0                | 39.74      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -50.73      | 2.17       | -                | 46.7       | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -58.73      | 2.17       | 0.1              | 38.8       | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2388.039        | -37.23      | 2.17       | -                | 60.2       | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2388.975        | -52.35      | 2.17       | 0.1              | 45.18      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -38.39      | 2.17       | -                | 59.04      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -51.68      | 2.17       | 0.1              | 45.85      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -38.92      | 2.17       | -                | 58.51      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -52.75      | 2.17       | 0.1              | 44.78      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2484.63         | -37.96      | 2.17       | -                | 59.47      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.517        | -52.75      | 2.17       | 0.1              | 44.78      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -50.8       | 2.17       | -                | 46.63      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -57.67      | 2.17       | 0.1              | 39.86      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -50.16      | 2.17       | -                | 47.27      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -58.95      | 2.17       | 0.12             | 38.6       | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.794        | -40.39      | 2.17       | -                | 57.04      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.677        | -54.41      | 2.17       | 0.12             | 43.14      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -41.66      | 2.17       | -                | 55.77      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -52.48      | 2.17       | 0.12             | 45.07      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -37.89      | 2.17       | -                | 59.54      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -53.49      | 2.17       | 0.12             | 44.06      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.782        | -34.31      | 2.17       | -                | 63.12      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.57         | -52.71      | 2.17       | 0.12             | 44.84      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -50.46      | 2.17       | -                | 46.97      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -57.45      | 2.17       | 0.12             | 40.1       | Average  | 54             | Pass    |



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|      |     |      |      |          |        |      |      |       |         |    |      |
|------|-----|------|------|----------|--------|------|------|-------|---------|----|------|
| NVNT | n40 | 2422 | Ant1 | 2310     | -49.08 | 2.17 | -    | 48.35 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2310     | -58.39 | 2.17 | 0.24 | 39.28 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2388.81  | -40.68 | 2.17 | -    | 56.75 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.804 | -54.16 | 2.17 | 0.24 | 43.51 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -43.17 | 2.17 | -    | 54.26 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -54.38 | 2.17 | 0.24 | 43.29 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -38.97 | 2.17 | -    | 58.46 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -52.79 | 2.17 | 0.24 | 44.88 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.854 | -36.69 | 2.17 | -    | 60.74 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2484.088 | -51.36 | 2.17 | 0.24 | 46.31 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -49.04 | 2.17 | -    | 48.39 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -57.76 | 2.17 | 0.24 | 39.91 | Average | 54 | Pass |



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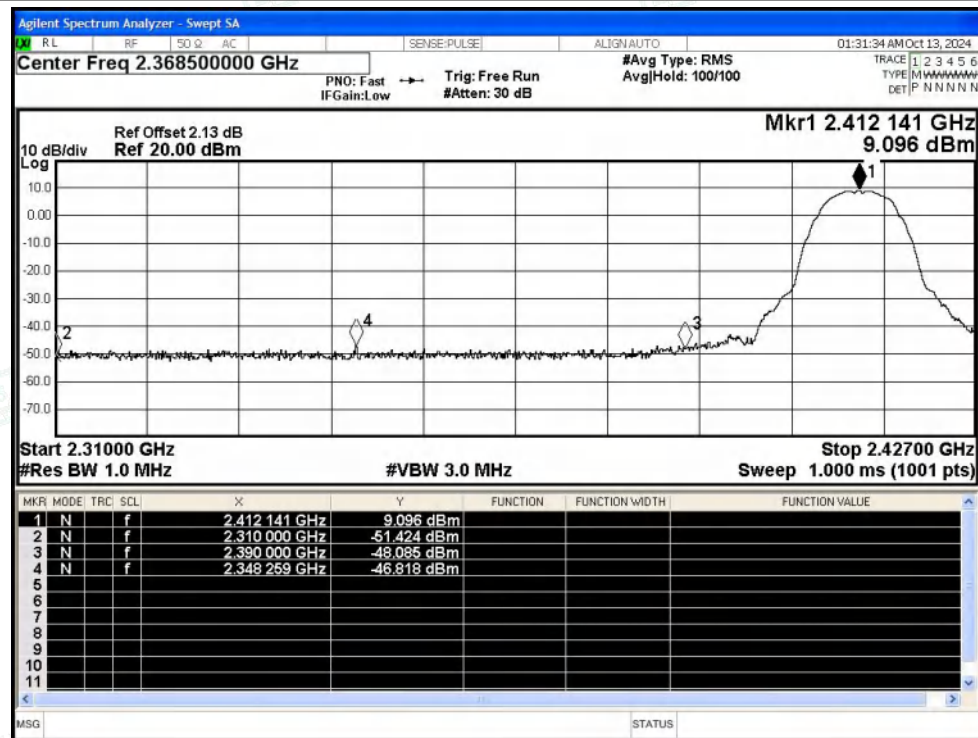
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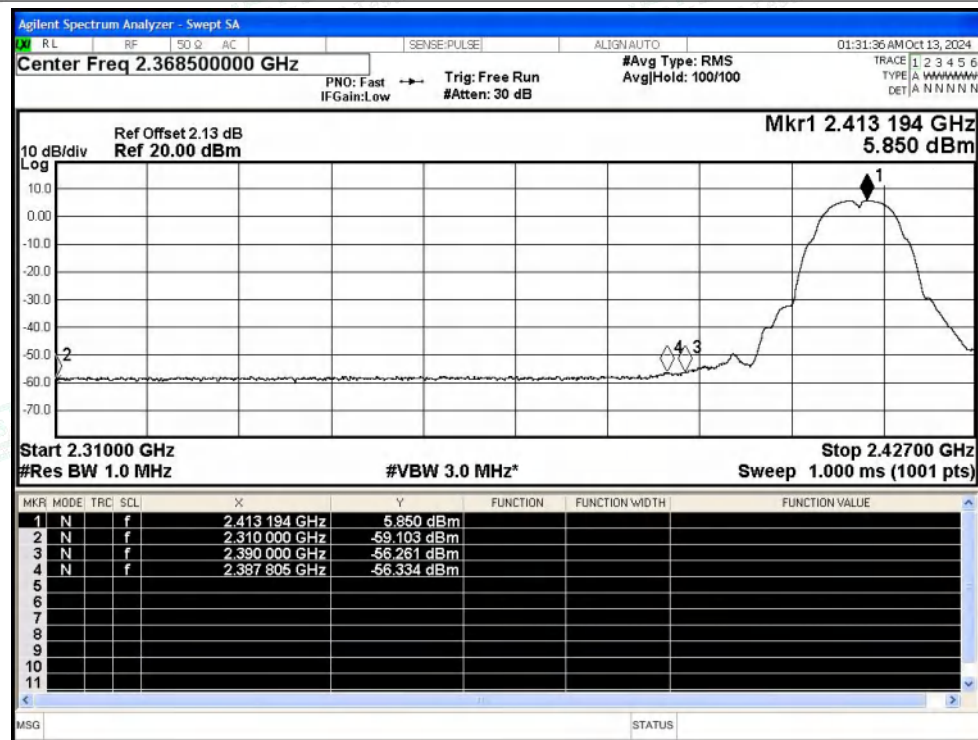


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak



## Restrict Band NVNT b 2412MHz Ant1 Average



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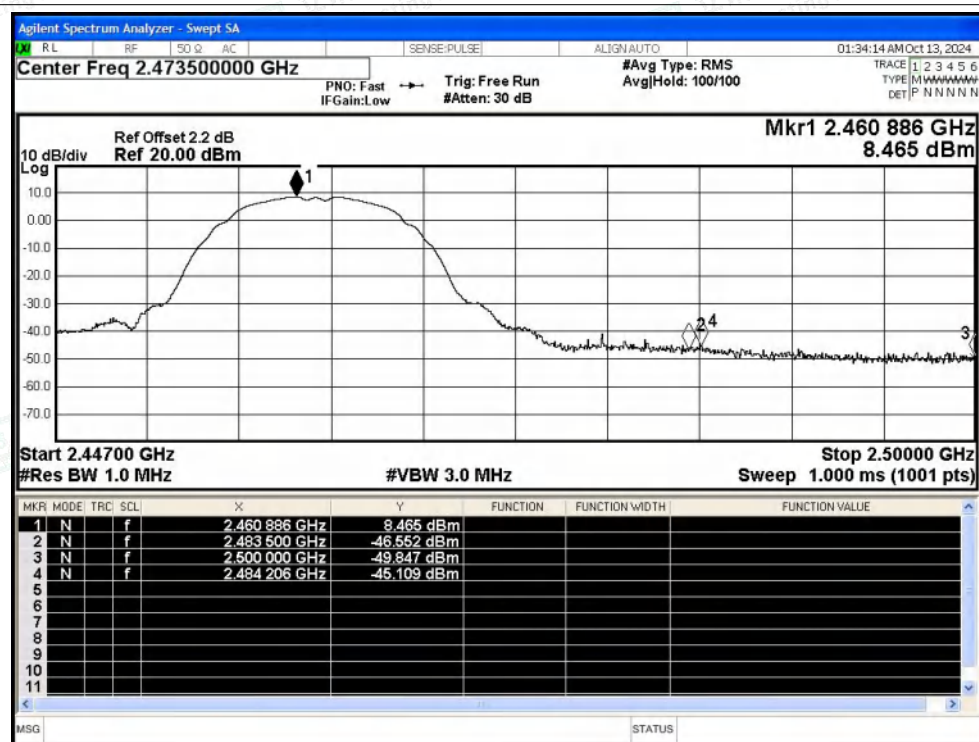
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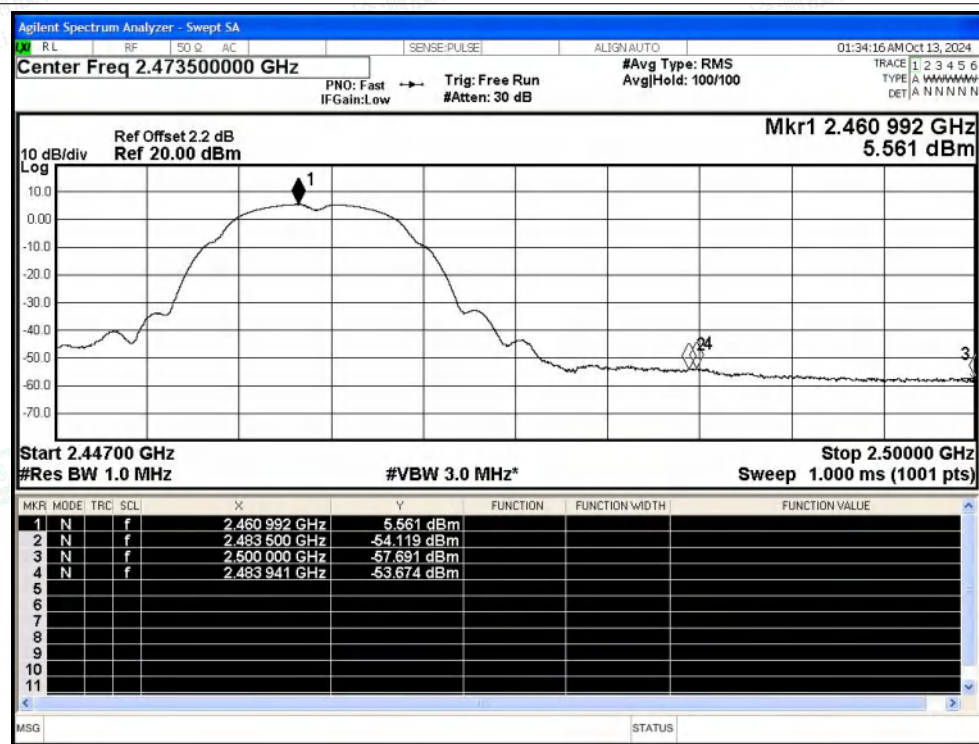
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## Restrict Band NVNT b 2462MHz Ant1 Peak



## Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

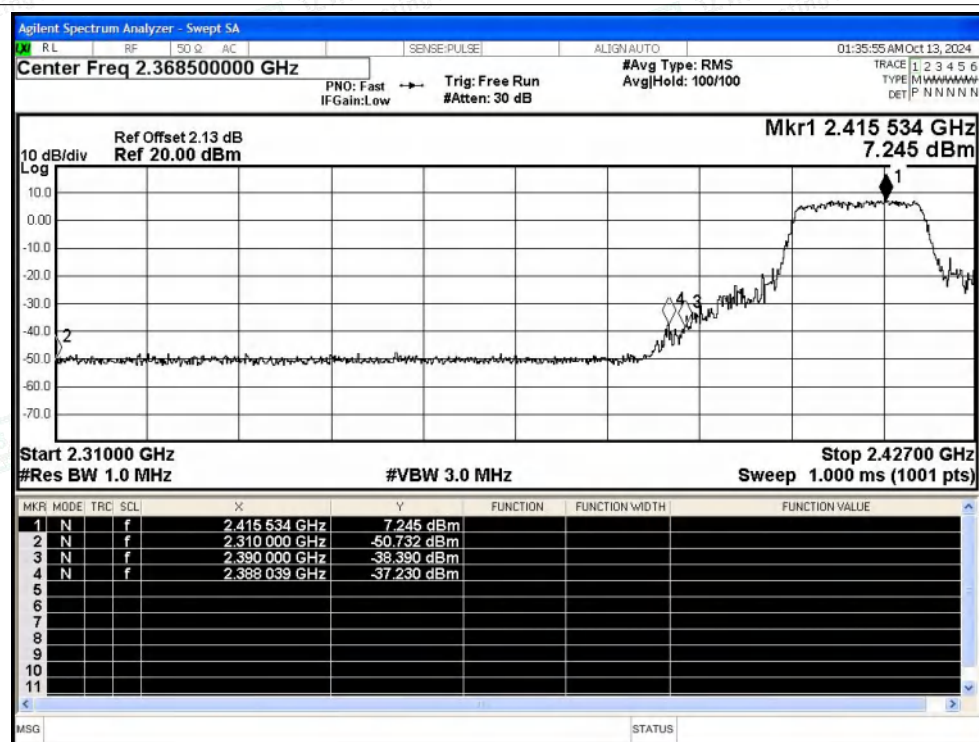
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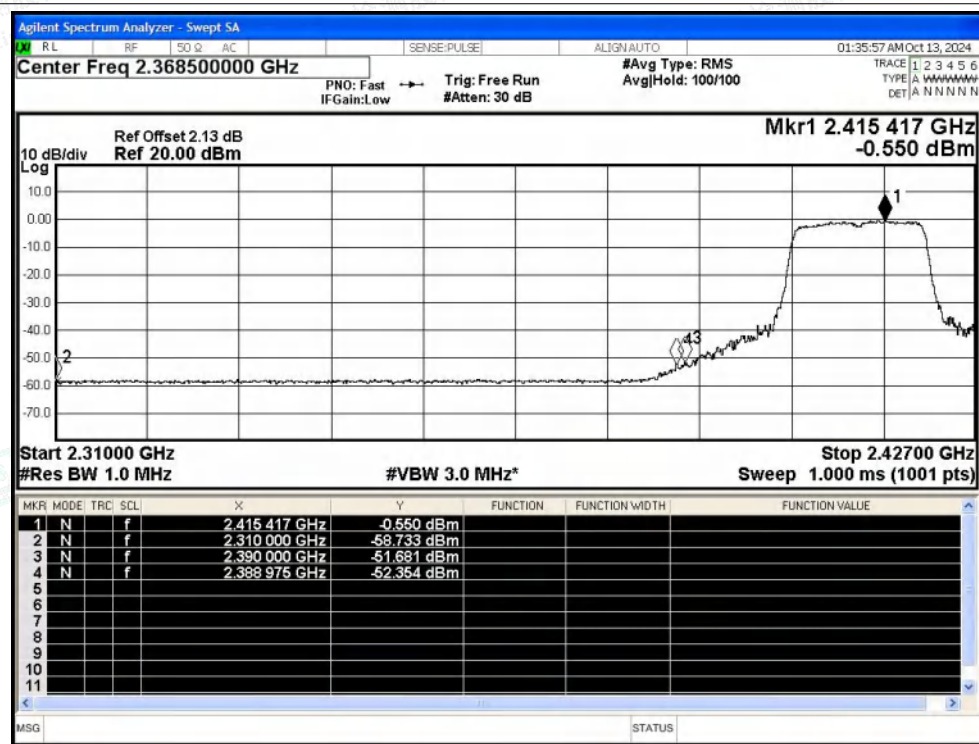
Scan code to check authenticity



## Restrict Band NVNT g 2412MHz Ant1 Peak



## Restrict Band NVNT g 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

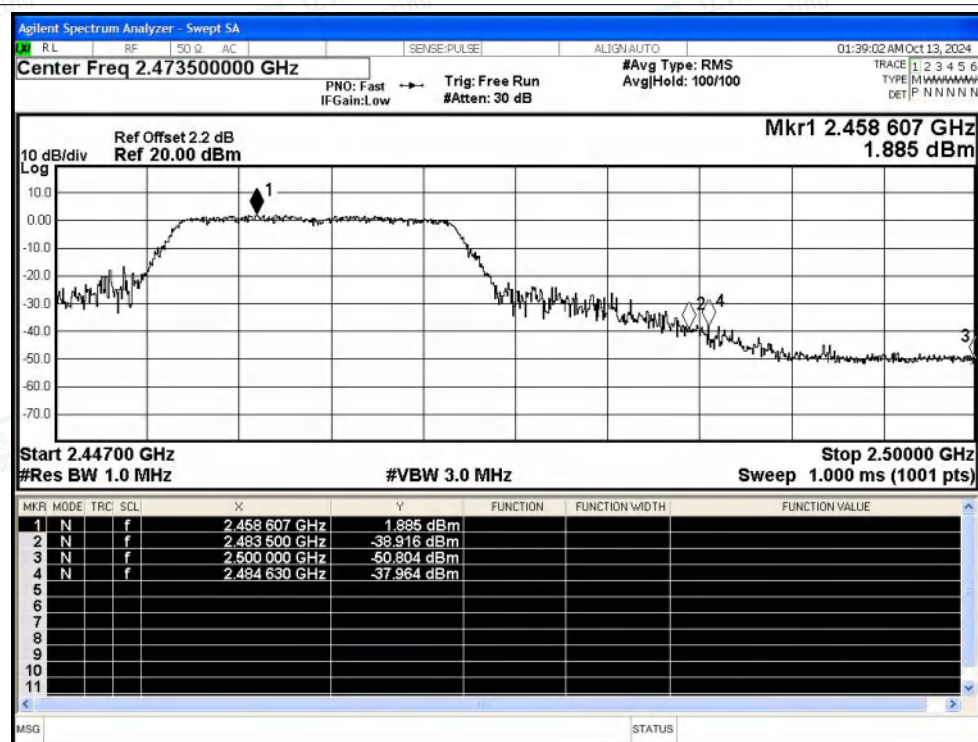
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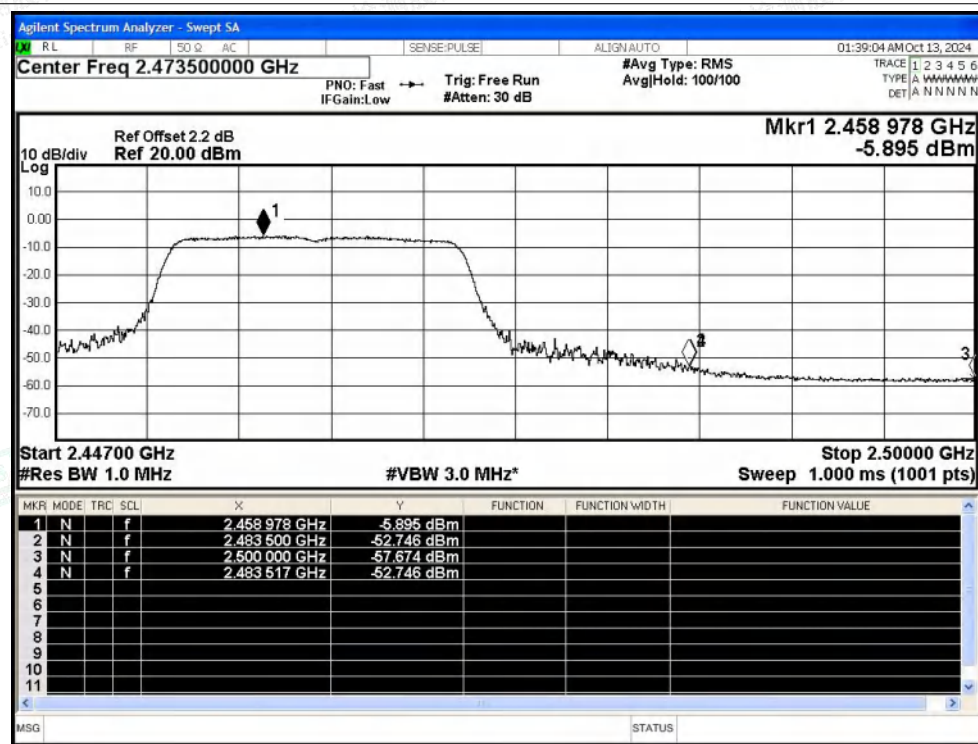
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## Restrict Band NVNT g 2462MHz Ant1 Peak



## Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

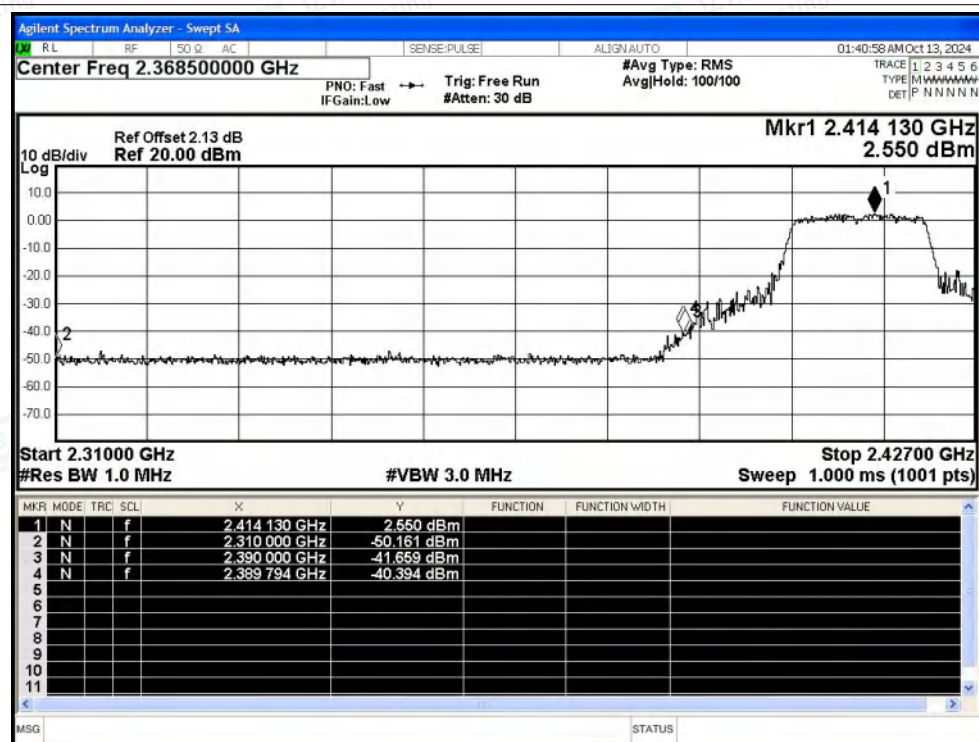
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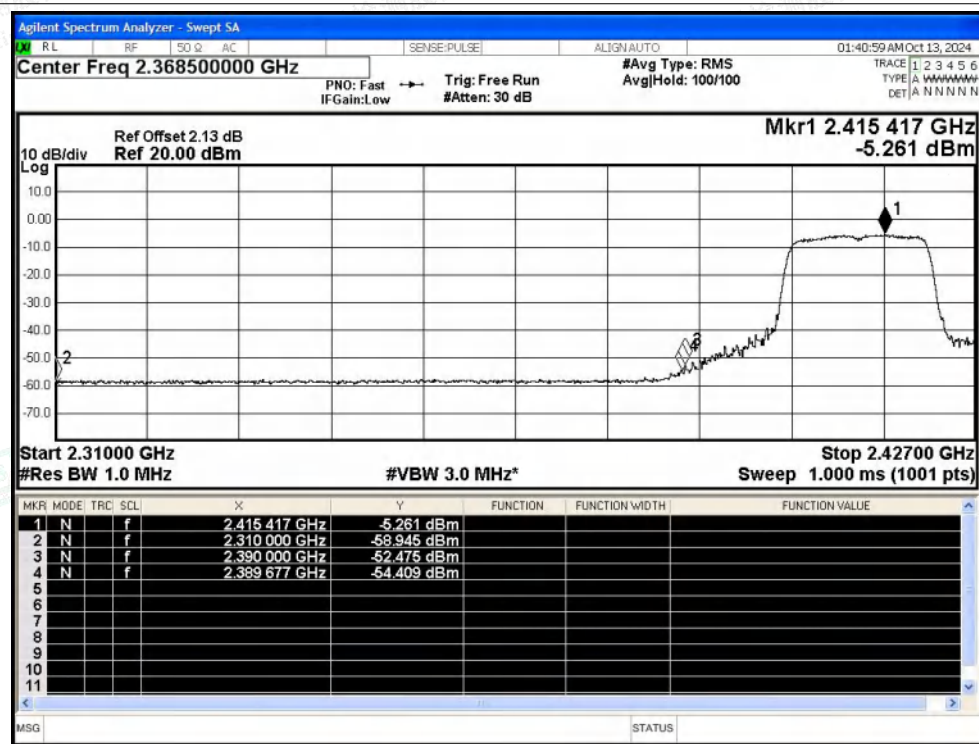
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## Restrict Band NVNT n20 2412MHz Ant1 Peak



## Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

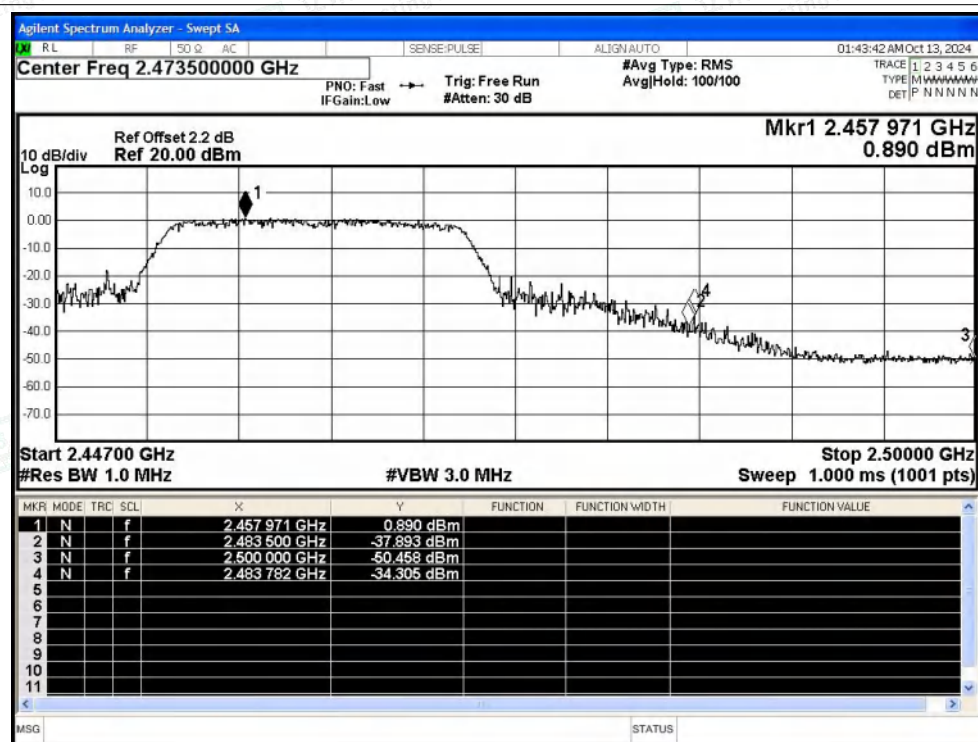
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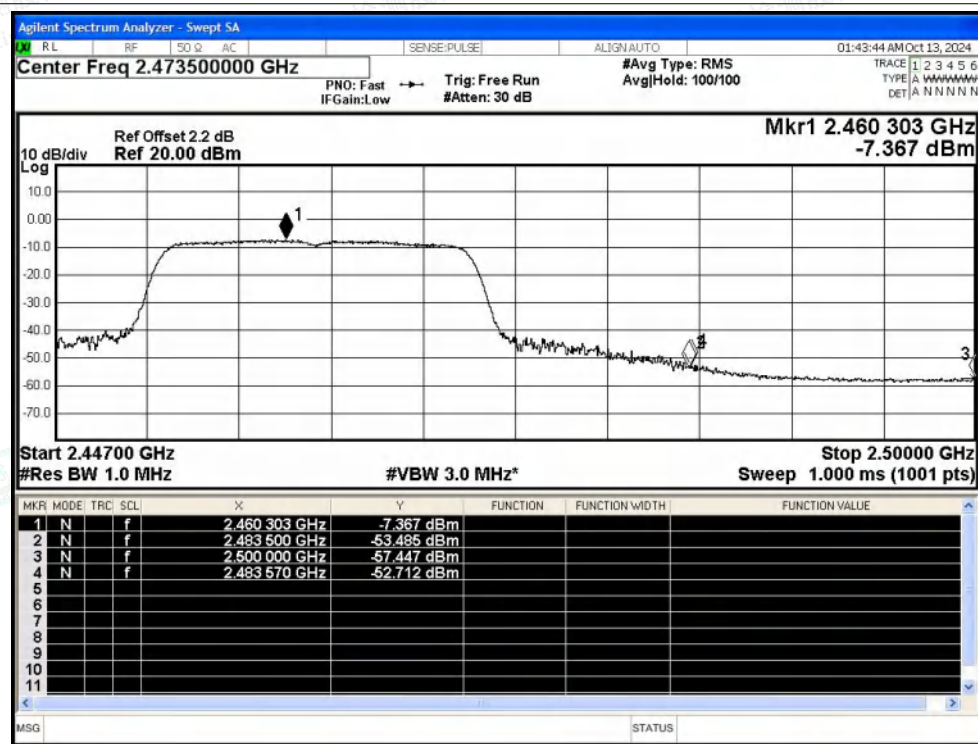
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## Restrict Band NVNT n20 2462MHz Ant1 Peak



## Restrict Band NVNT n20 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

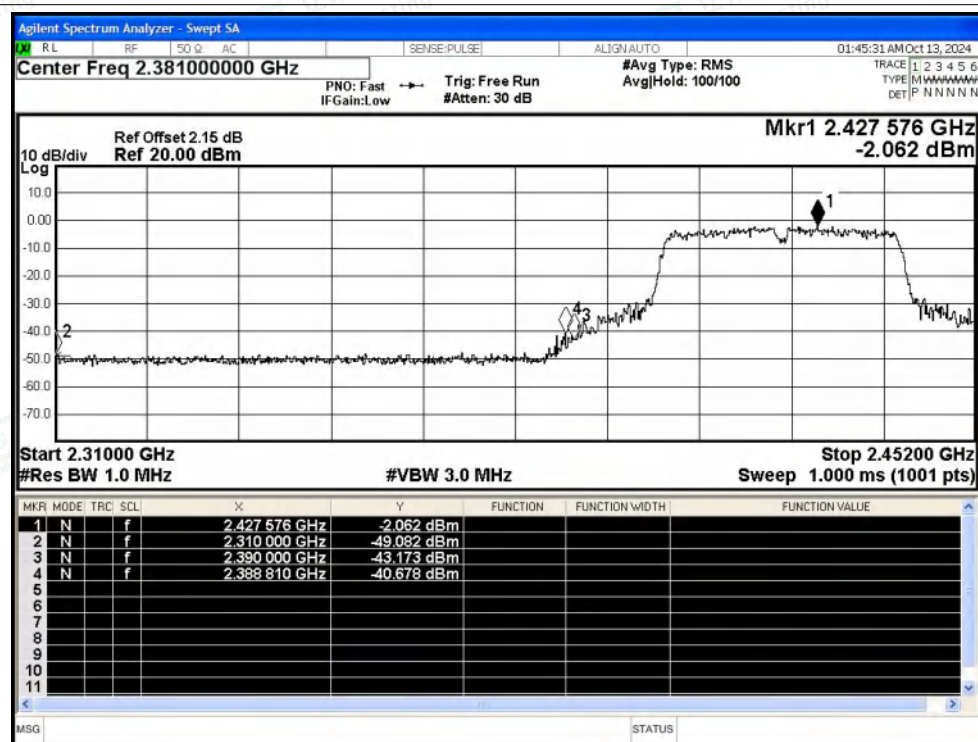
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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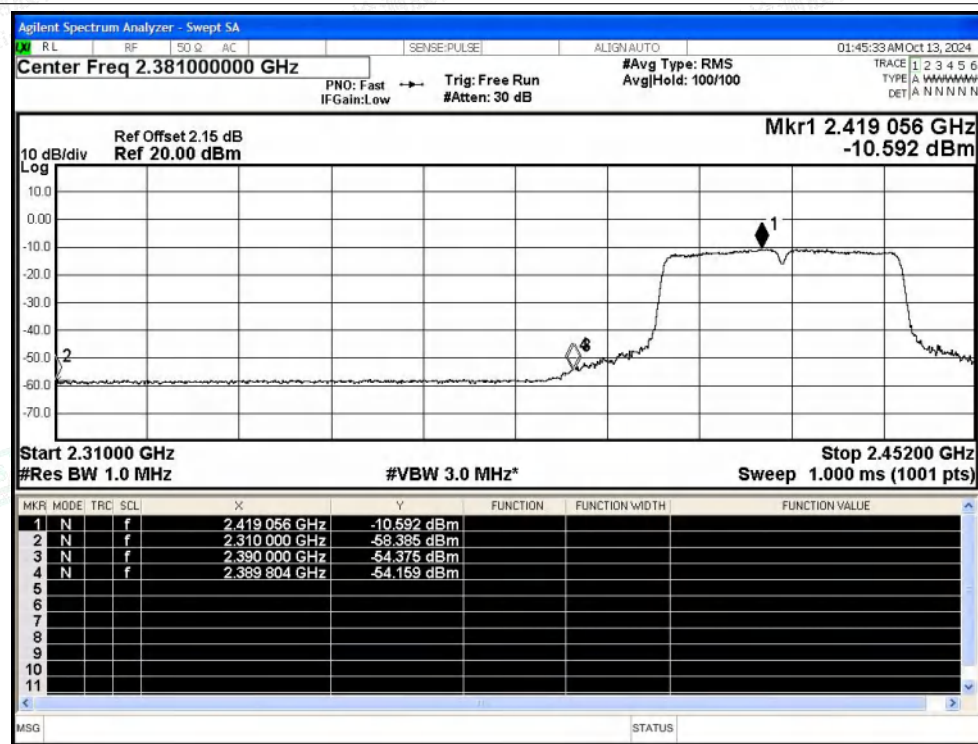
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## Restrict Band NVNT n40 2422MHz Ant1 Peak



## Restrict Band NVNT n40 2422MHz Ant1 Average



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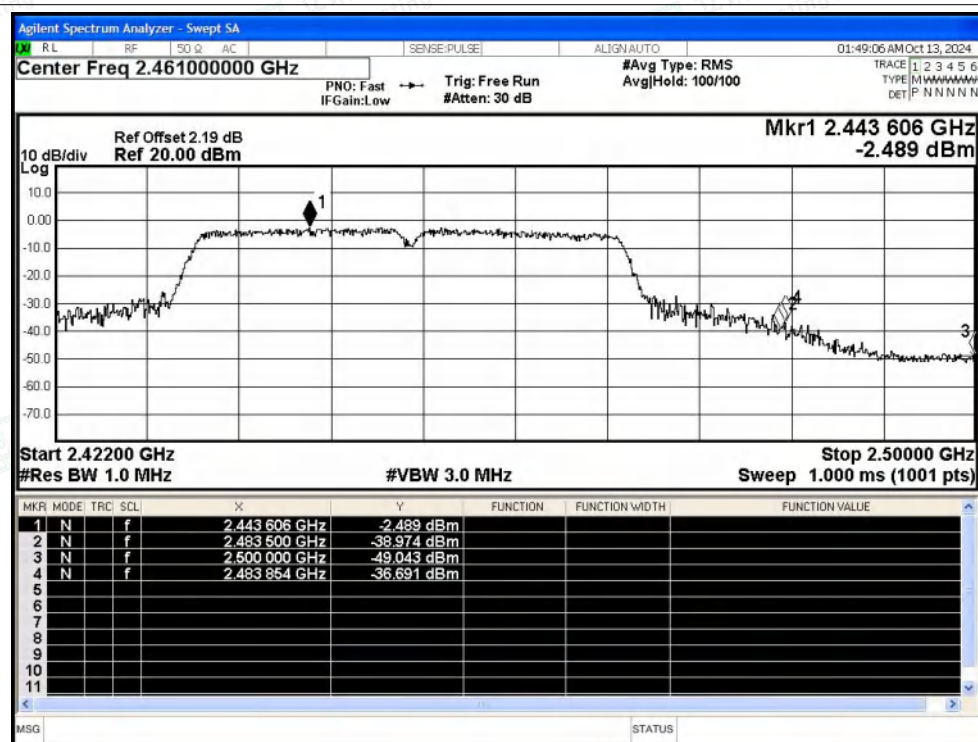
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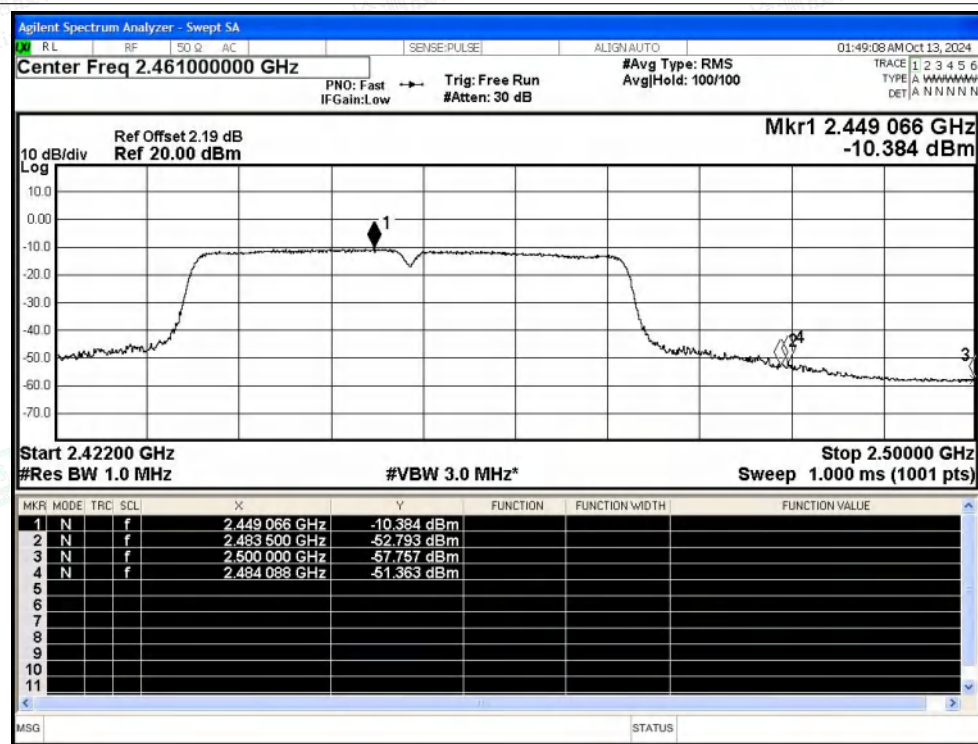
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## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz Ant1 Average



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