



Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Translator

Test Model: V10

Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 22.5° C   |
| Relative Humidity: | 53.5%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li Huan   |





## C.1 6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 6 dB Bandwidth (MHz) | Limit 6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|----------------------|----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 9.558                | 0.5                        | Pass    |
| NVNT      | b    | 2437            | Ant1    | 9.534                | 0.5                        | Pass    |
| NVNT      | b    | 2462            | Ant1    | 10.027               | 0.5                        | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.334               | 0.5                        | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.326               | 0.5                        | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.39                | 0.5                        | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.585               | 0.5                        | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.6                 | 0.5                        | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 17.588               | 0.5                        | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.475               | 0.5                        | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.48                | 0.5                        | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 35.854               | 0.5                        | Pass    |



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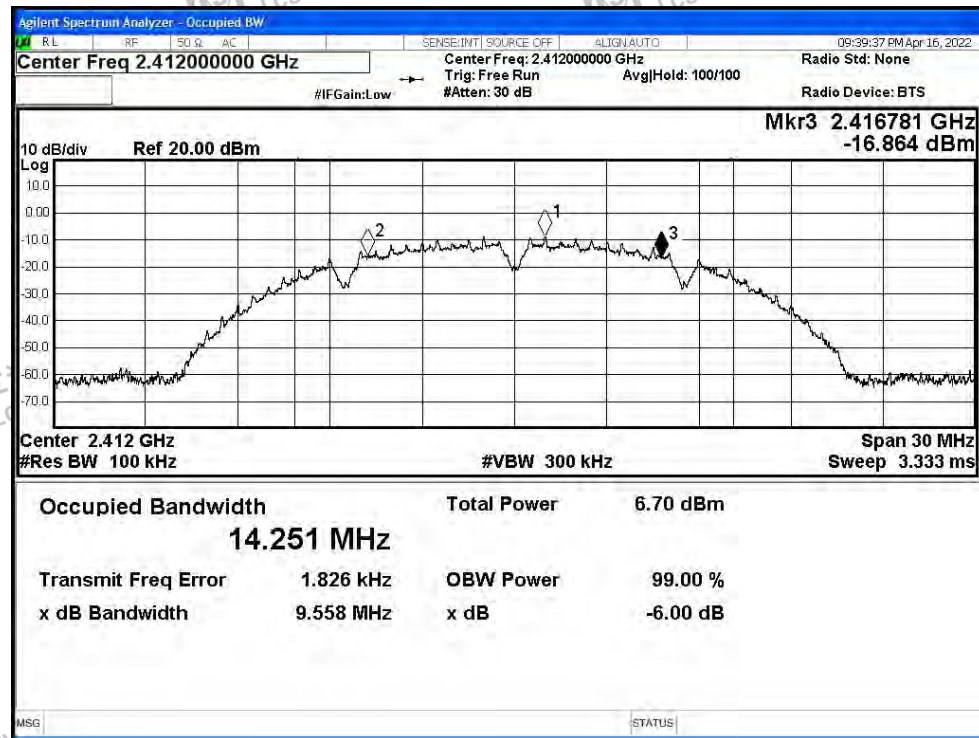
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## Test Graphs

6dB Bandwidth NVNT b 2412MHz Ant1



6dB Bandwidth NVNT b 2437MHz Ant1



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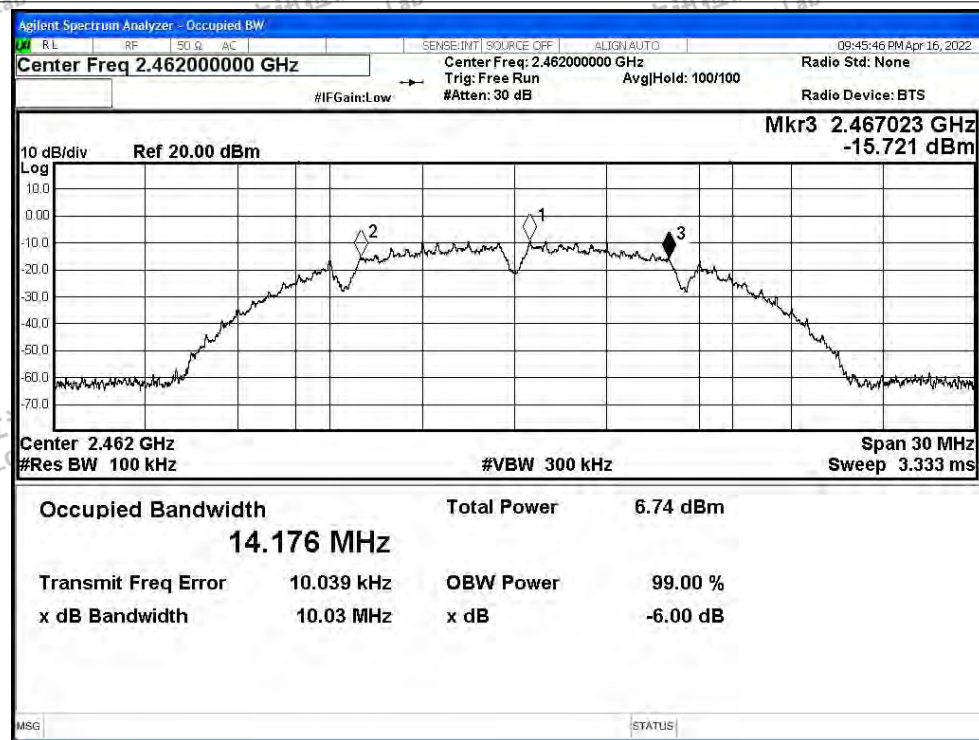
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

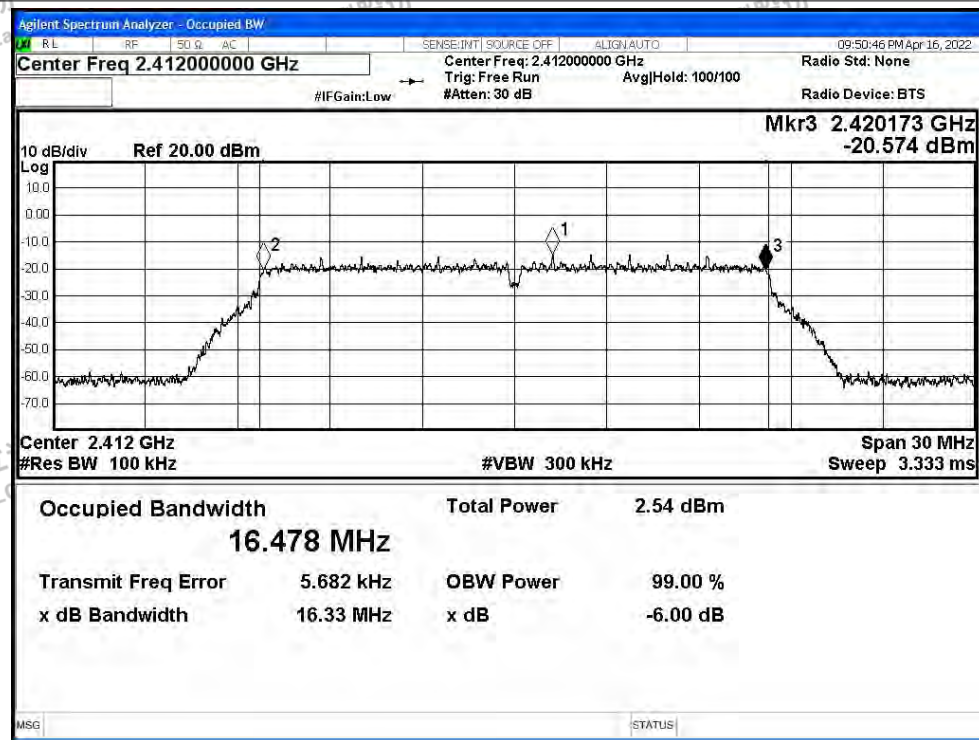
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## 6dB Bandwidth NVNT b 2462MHz Ant1



## 6dB Bandwidth NVNT g 2412MHz Ant1



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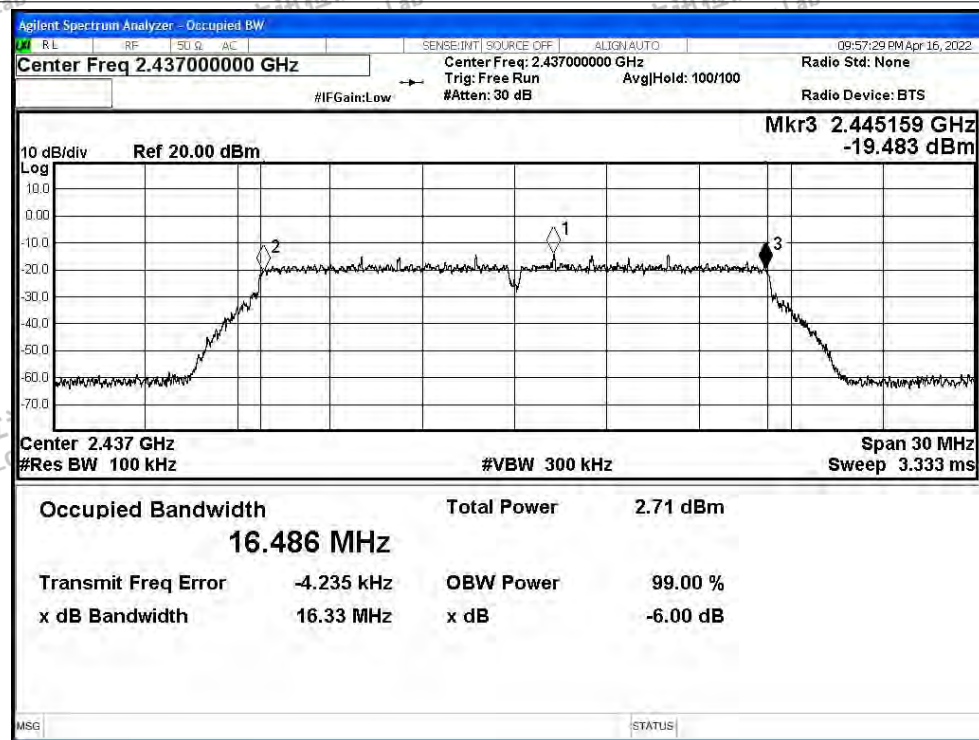
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

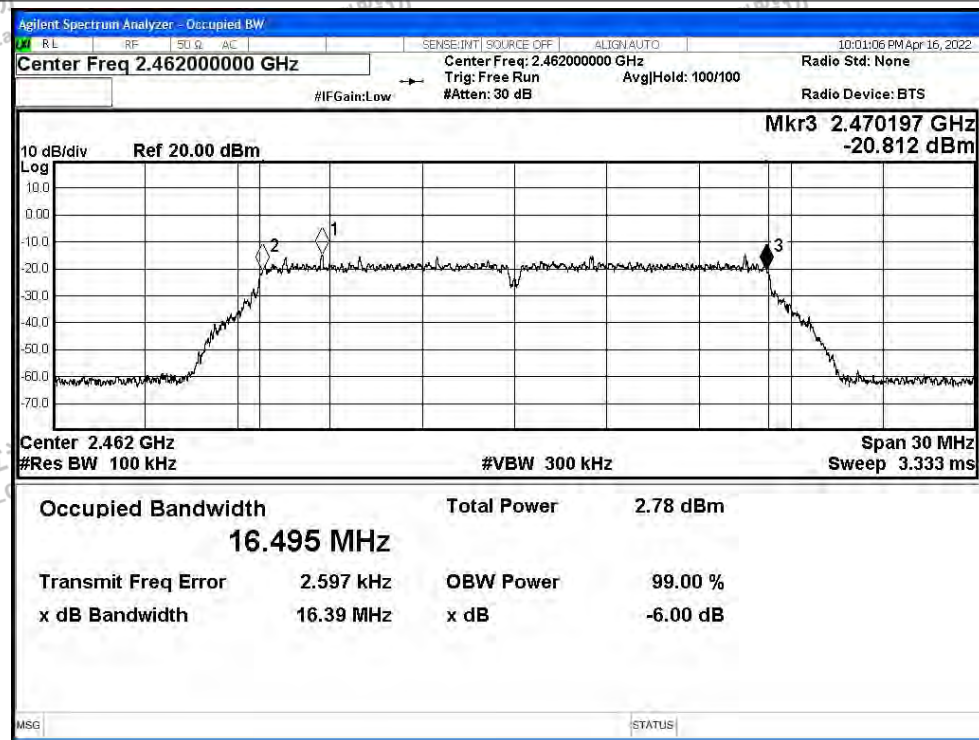
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## 6dB Bandwidth NVNT g 2437MHz Ant1



## 6dB Bandwidth NVNT g 2462MHz Ant1



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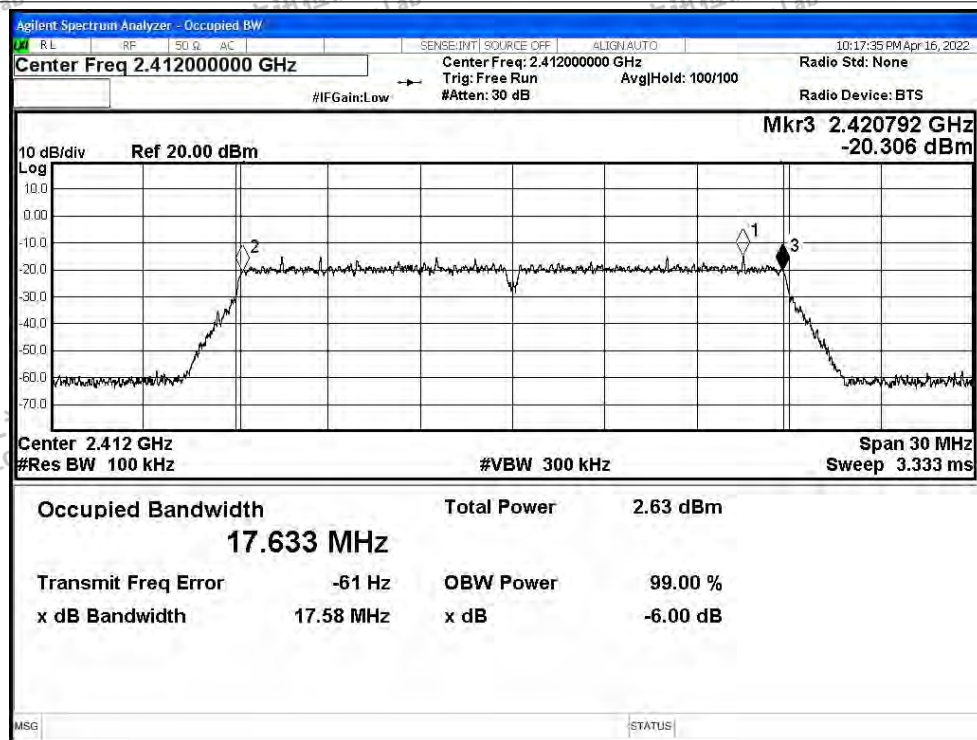
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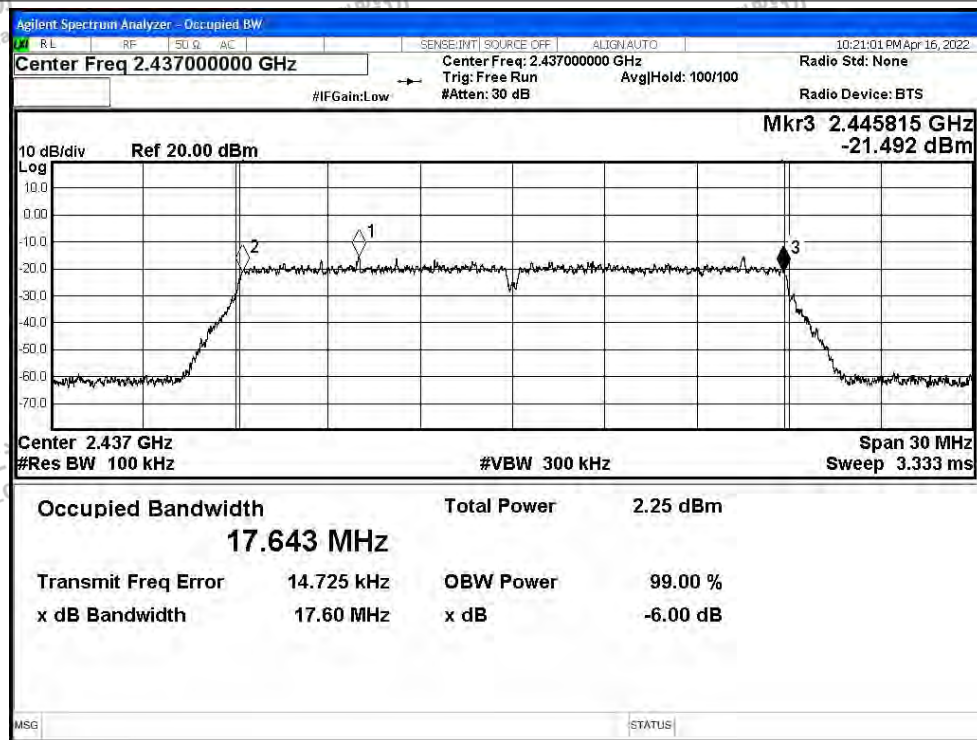
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## 6dB Bandwidth NVNT n20 2412MHz Ant1



## 6dB Bandwidth NVNT n20 2437MHz Ant1



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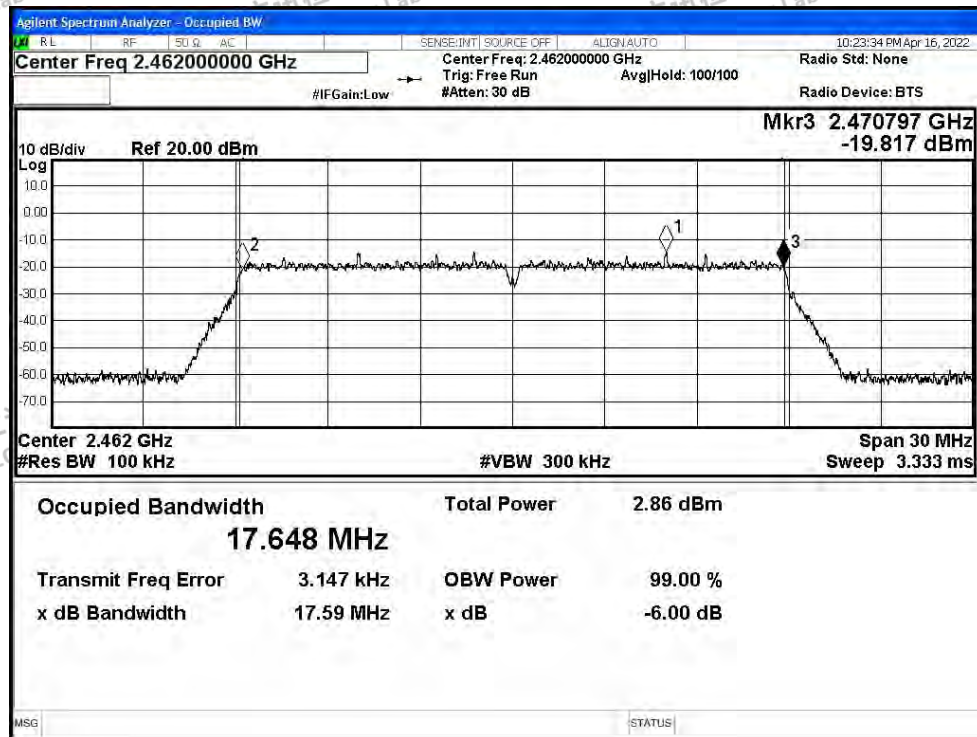
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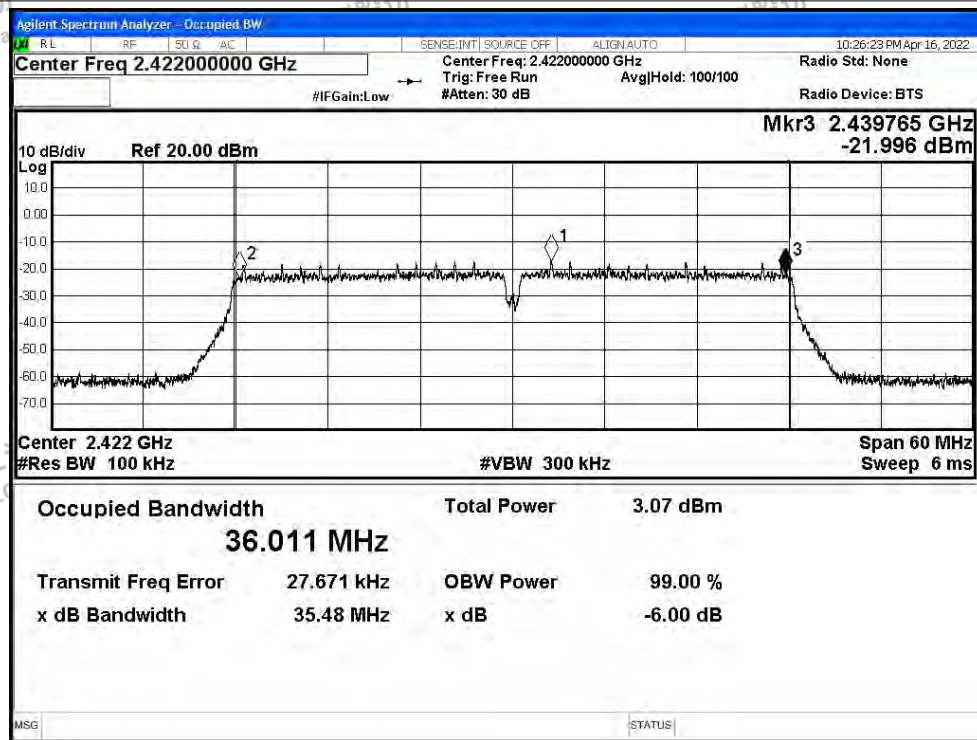
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## 6dB Bandwidth NVNT n20 2462MHz Ant1



## 6dB Bandwidth NVNT n40 2422MHz Ant1



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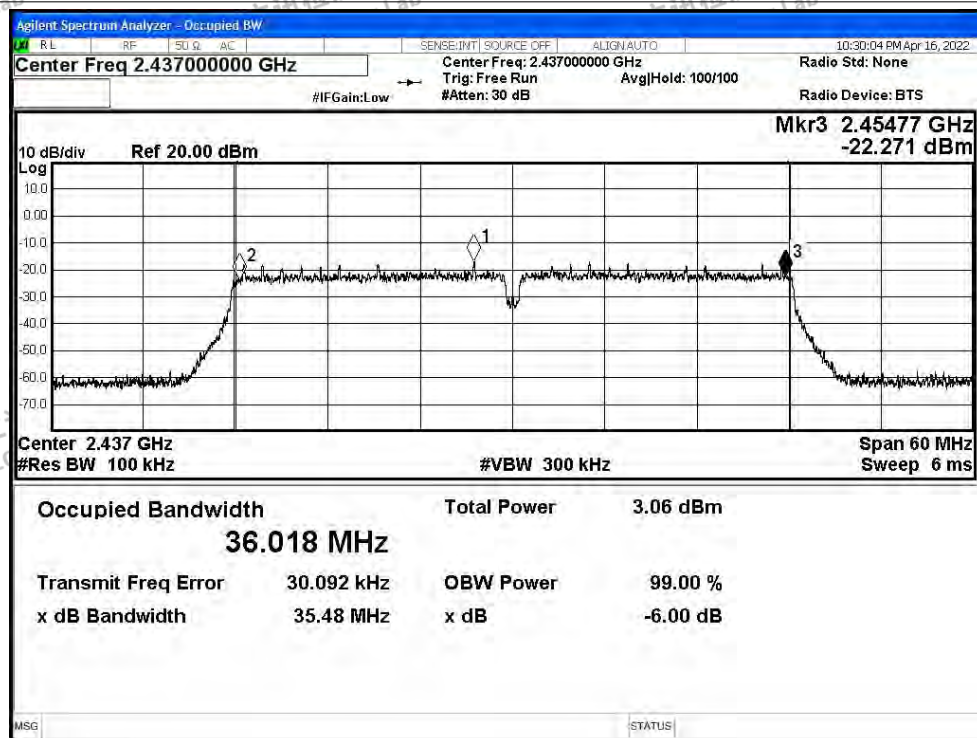
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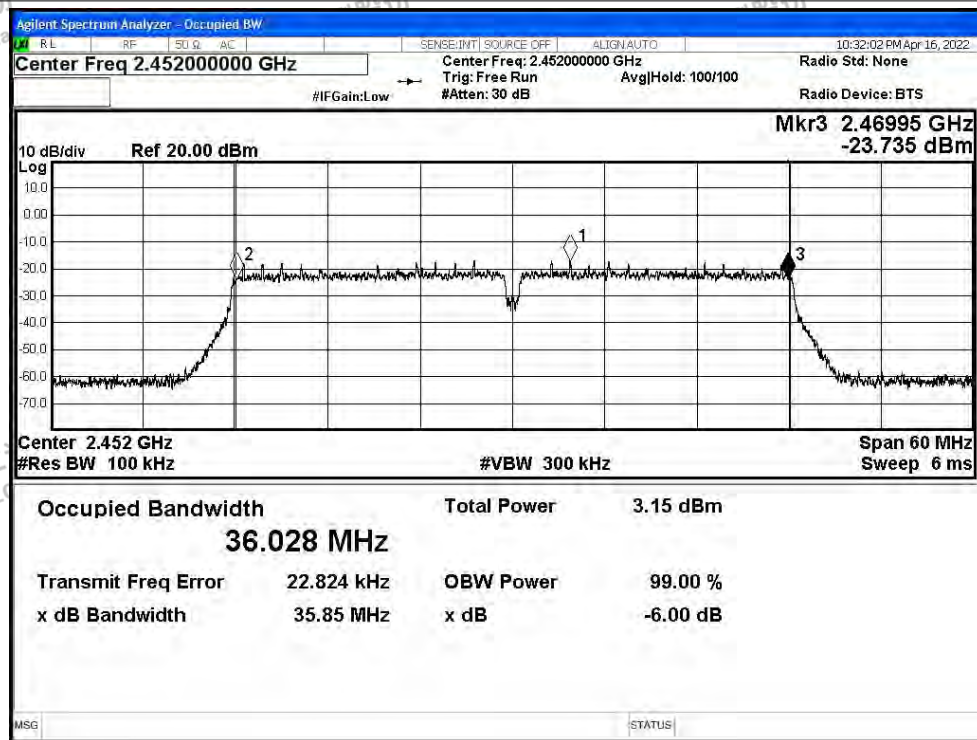
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## 6dB Bandwidth NVNT n40 2437MHz Ant1



## 6dB Bandwidth NVNT n40 2452MHz Ant1



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## C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | b    | 2412               | Ant1    | 1.76                     | 0                   | 1.76                 | 30             | Pass    |
| NVNT      | b    | 2437               | Ant1    | 1.72                     | 0                   | 1.72                 | 30             | Pass    |
| NVNT      | b    | 2462               | Ant1    | 1.88                     | 0                   | 1.88                 | 30             | Pass    |
| NVNT      | g    | 2412               | Ant1    | 1.43                     | 0                   | 1.43                 | 30             | Pass    |
| NVNT      | g    | 2437               | Ant1    | 1.44                     | 0                   | 1.44                 | 30             | Pass    |
| NVNT      | g    | 2462               | Ant1    | 1.53                     | 0                   | 1.53                 | 30             | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 1.36                     | 0                   | 1.36                 | 30             | Pass    |
| NVNT      | n20  | 2437               | Ant1    | 0.98                     | 0                   | 0.98                 | 30             | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 1.64                     | 0                   | 1.64                 | 30             | Pass    |
| NVNT      | n40  | 2422               | Ant1    | 1.41                     | 0                   | 1.41                 | 30             | Pass    |
| NVNT      | n40  | 2437               | Ant1    | 1.55                     | 0                   | 1.55                 | 30             | Pass    |
| NVNT      | n40  | 2452               | Ant1    | 1.54                     | 0                   | 1.54                 | 30             | Pass    |



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### C.3 Maximum Power Spectral Density

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -23.41                   | 0                | -23.41               | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -23.31                   | 0                | -23.31               | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -22.23                   | 0                | -22.23               | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -28.55                   | 0                | -28.55               | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -27.13                   | 0                | -27.13               | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -28.14                   | 0                | -28.14               | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -29.54                   | 0                | -29.54               | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -28.92                   | 0                | -28.92               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -27.38                   | 0                | -27.38               | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -30.72                   | 0                | -30.72               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -30.84                   | 0                | -30.84               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -31.09                   | 0                | -31.09               | 8                | Pass    |



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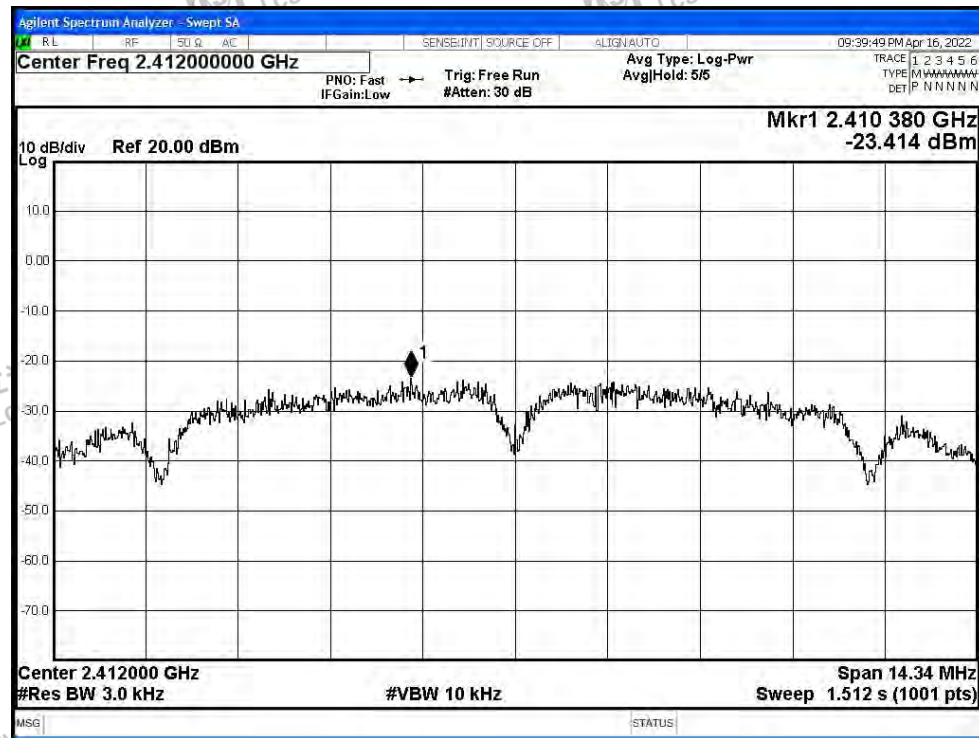
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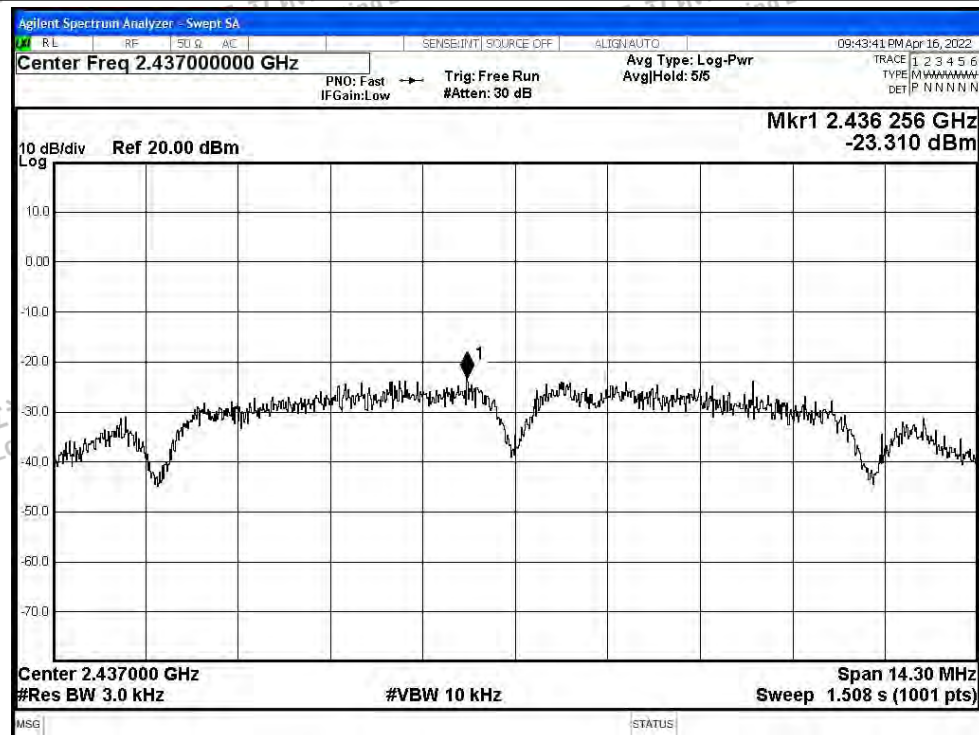


## Test Graphs

## PSD NVNT b 2412MHz Ant1



## PSD NVNT b 2437MHz Ant1

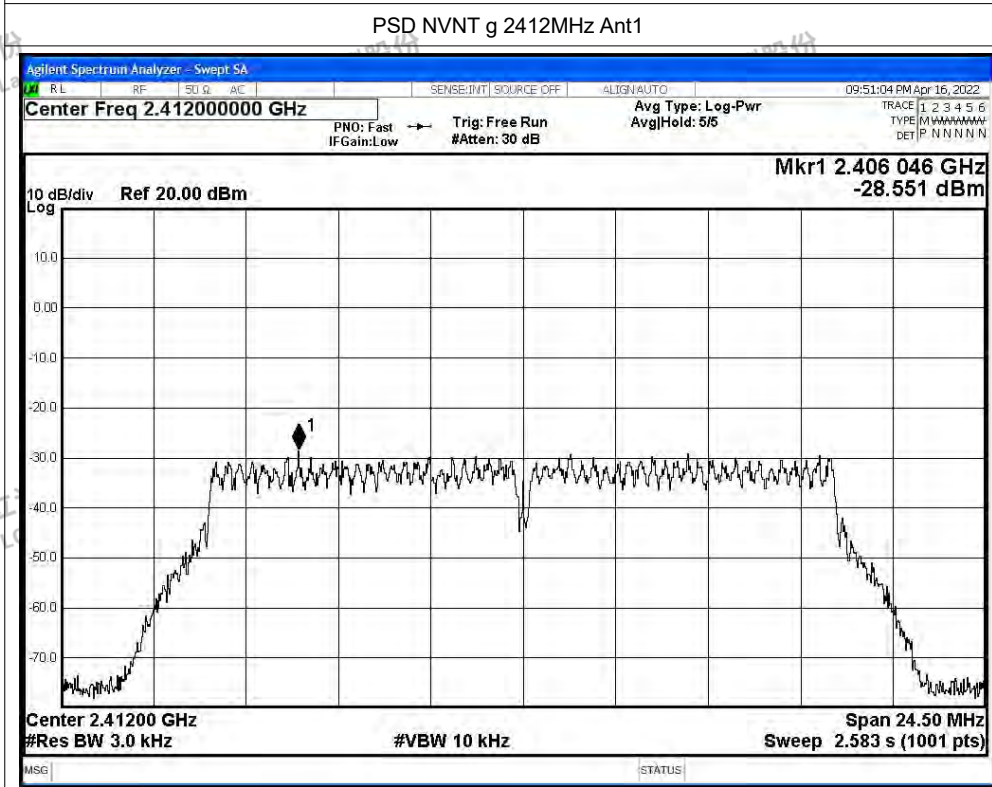
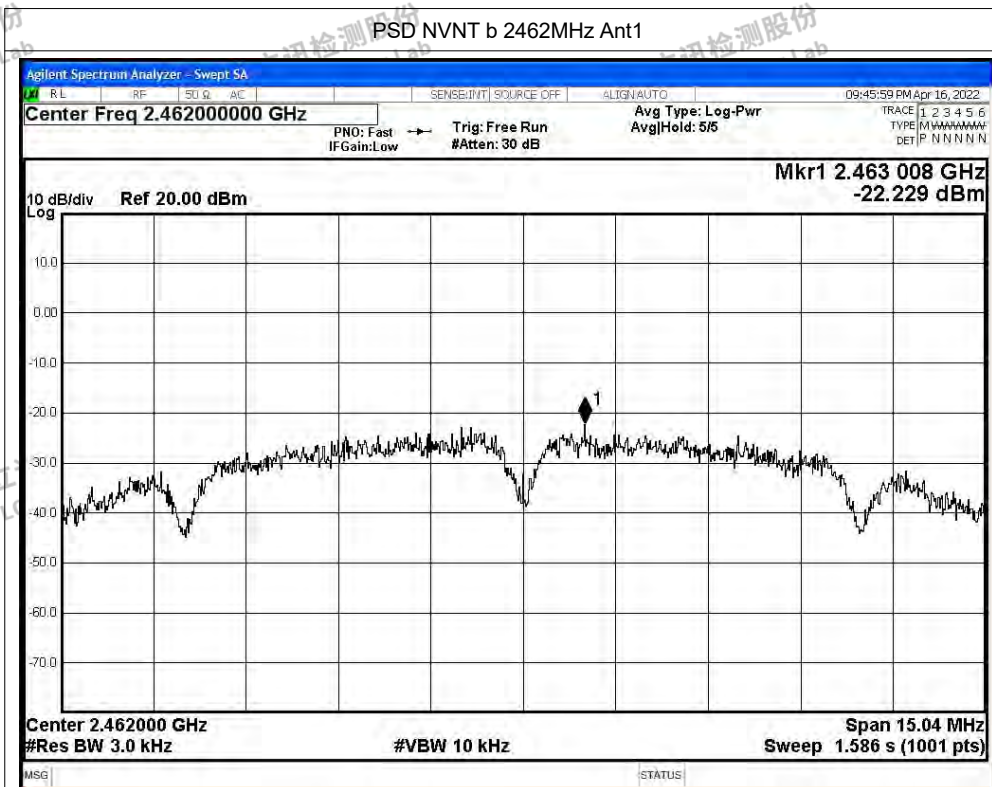


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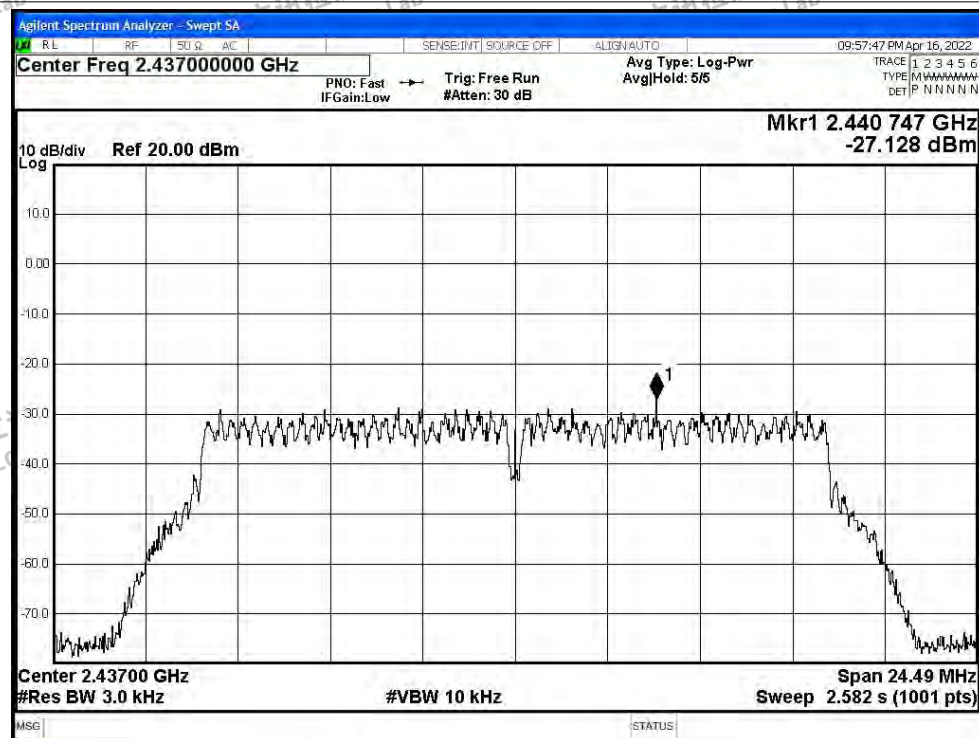
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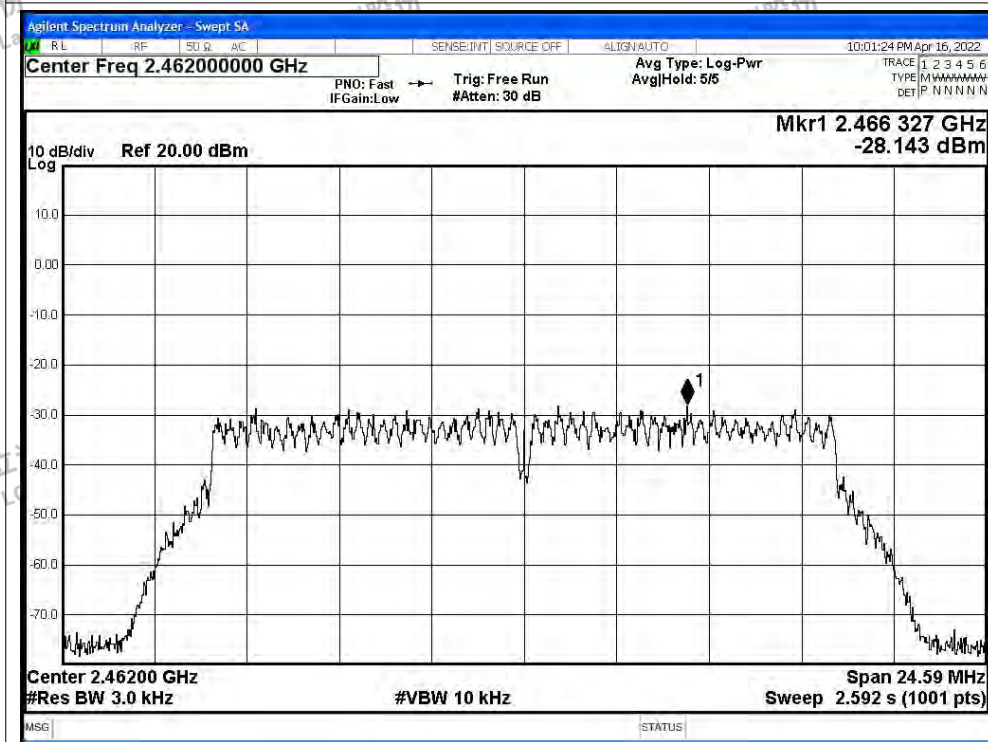




PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1

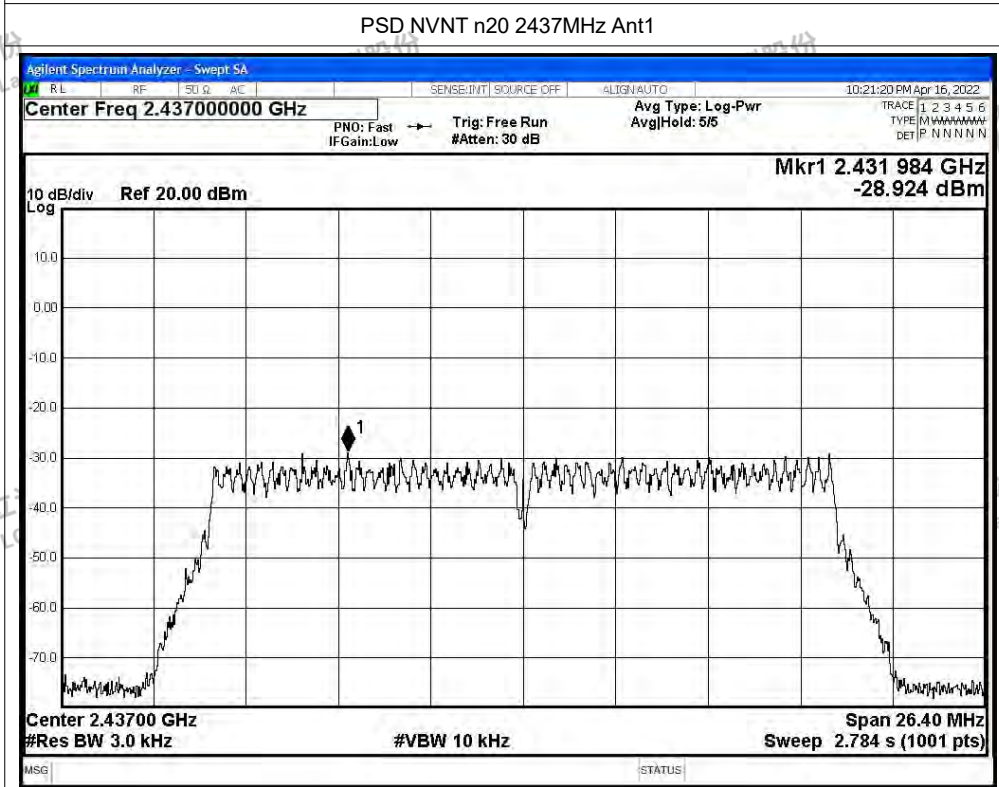
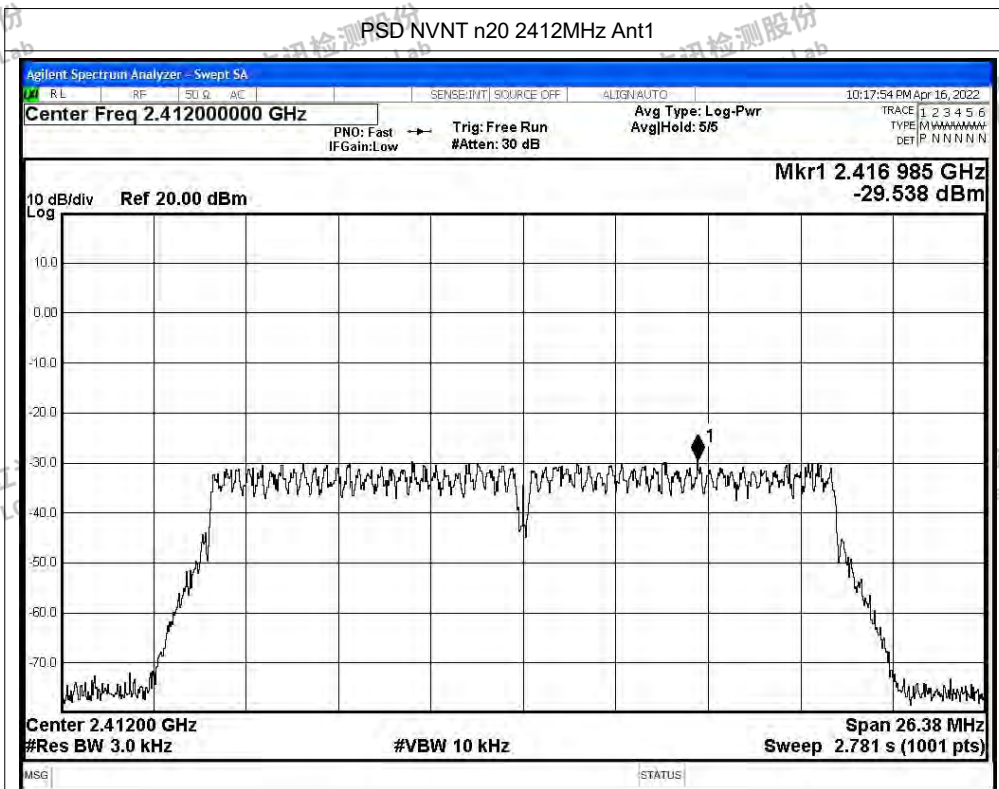


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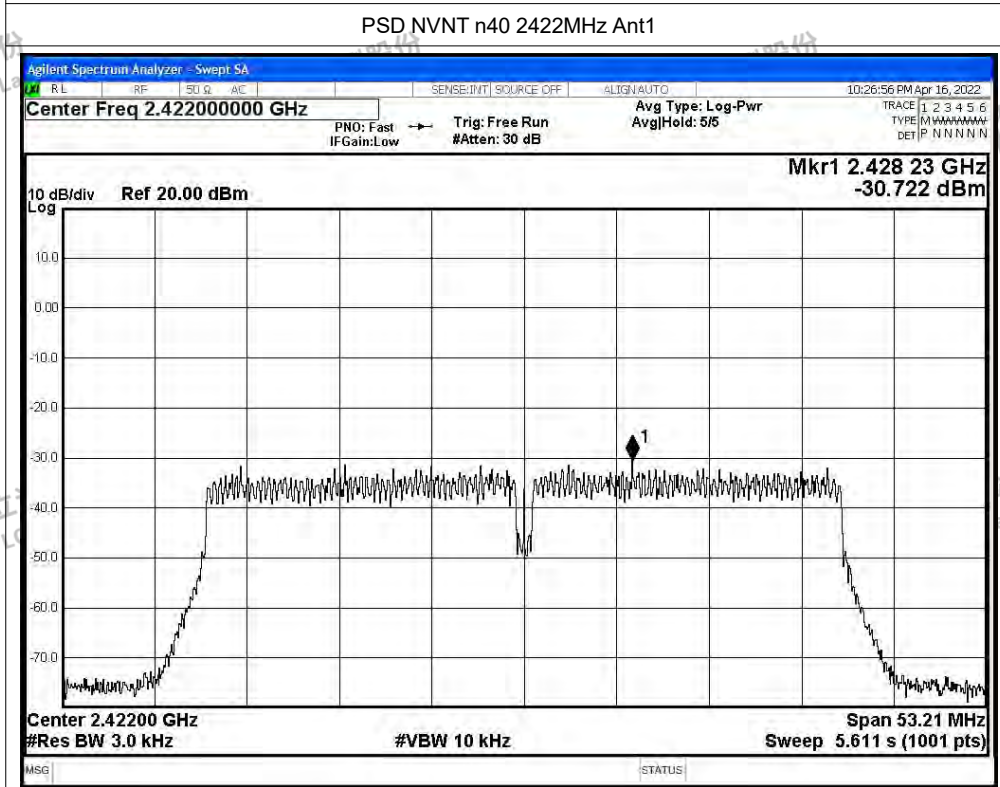
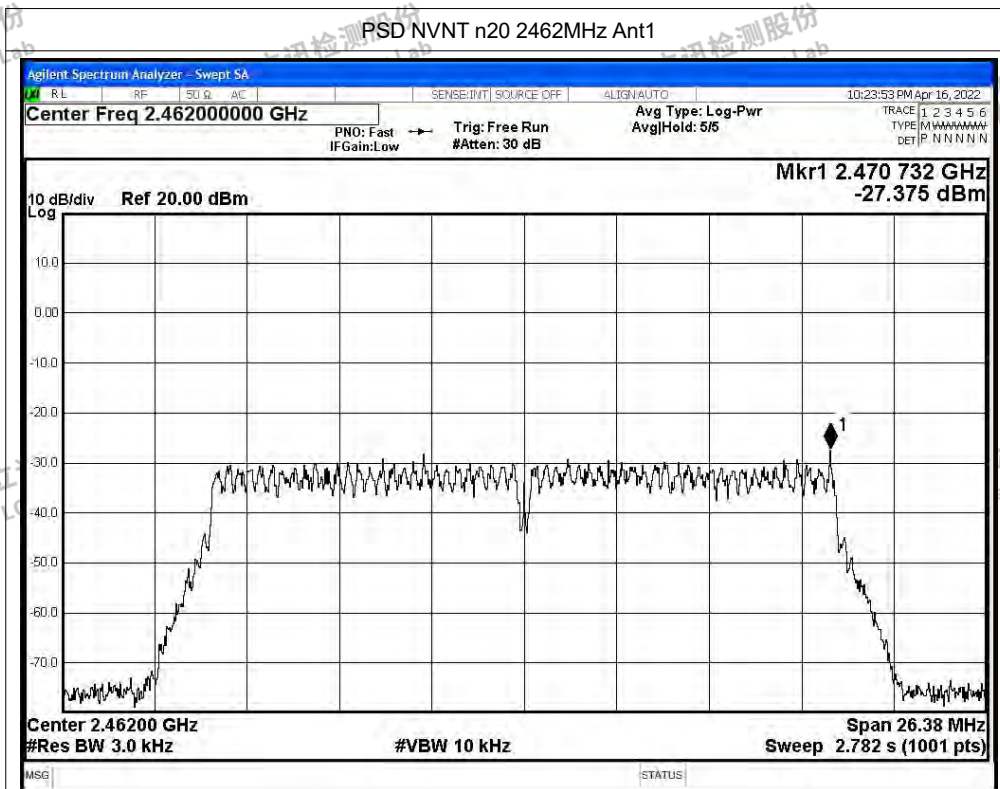


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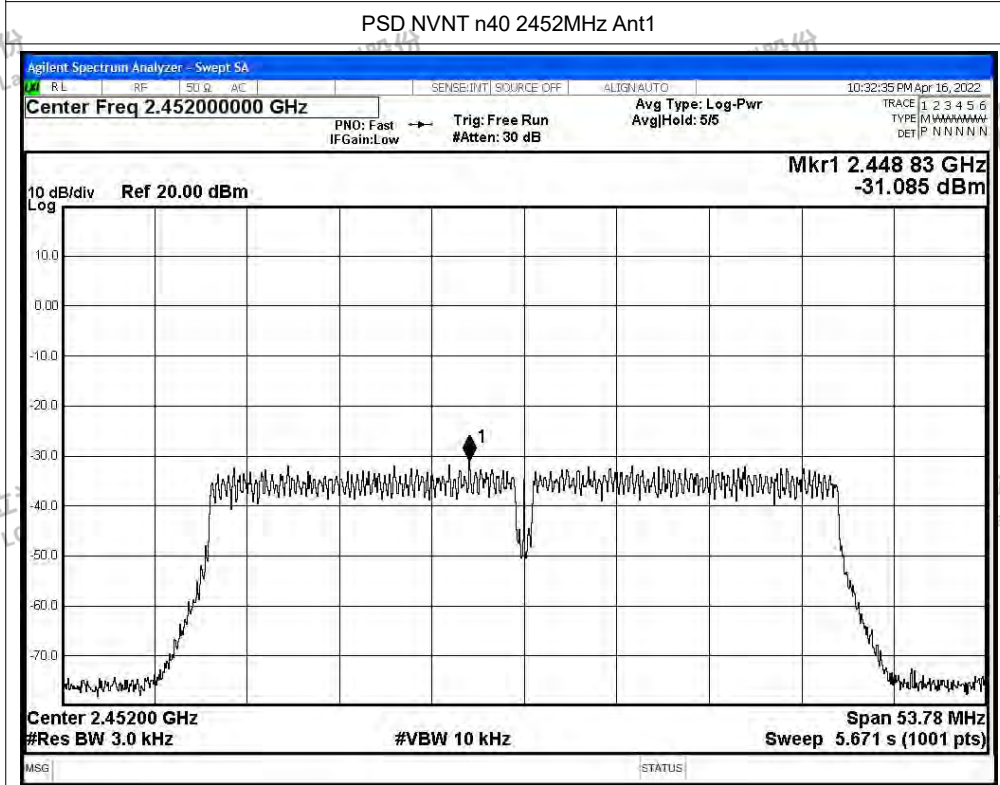
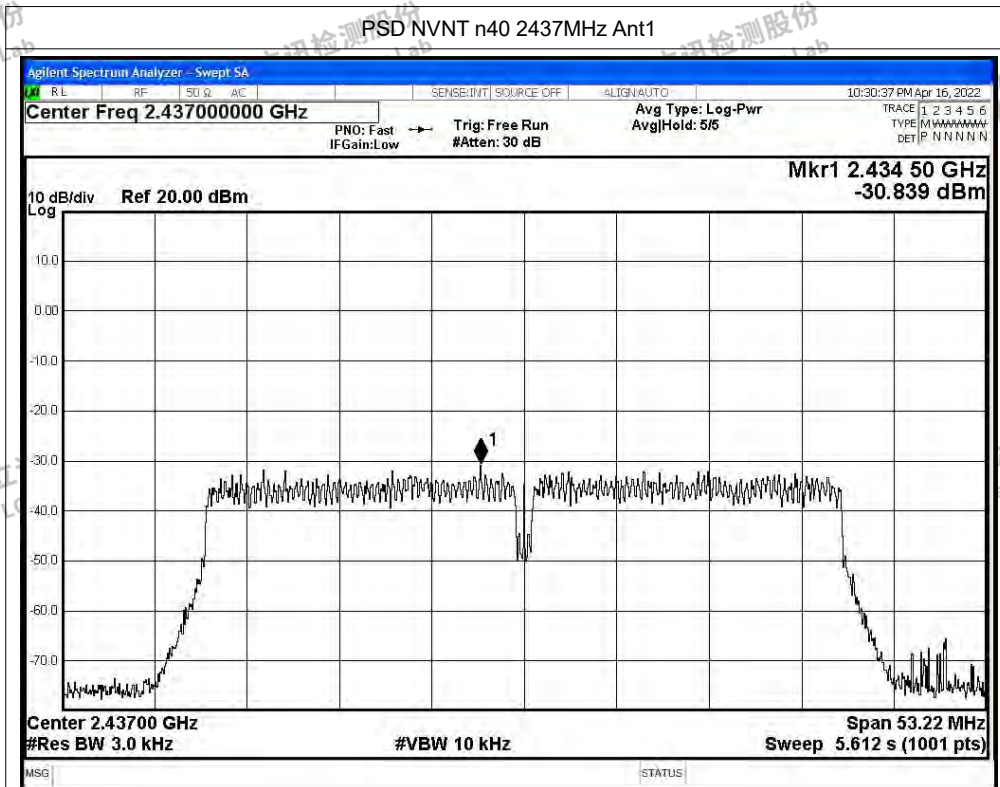


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#### C.4 Band edge measurements

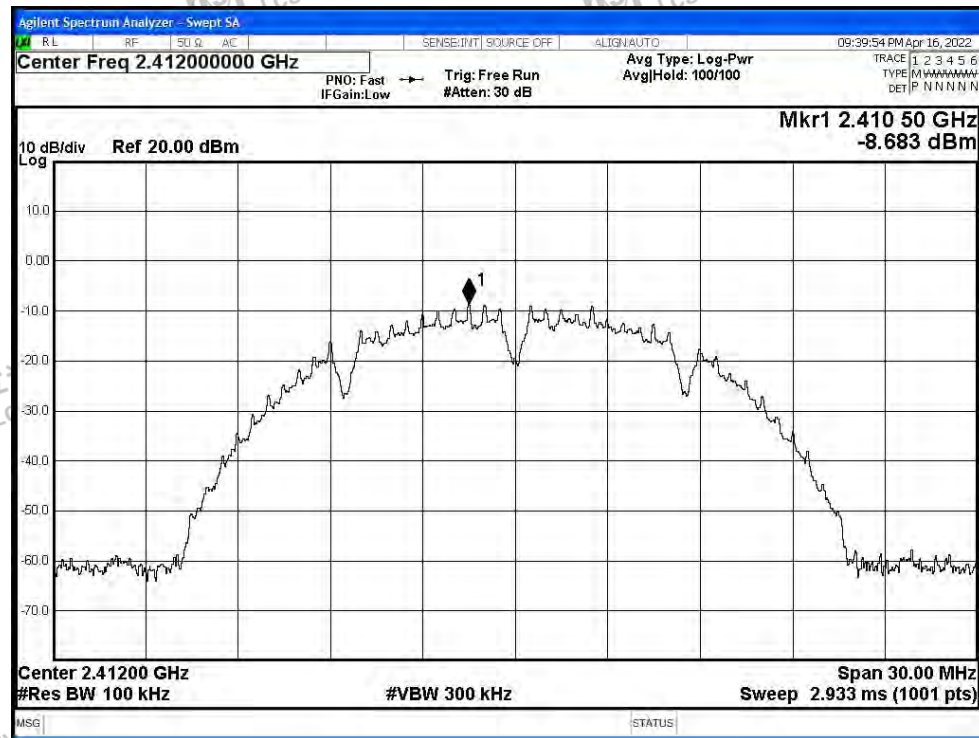
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -49.23          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -49.62          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -43.36          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -44.59          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -42.31          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -43.53          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -41.13          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -41.81          | -20         | Pass    |



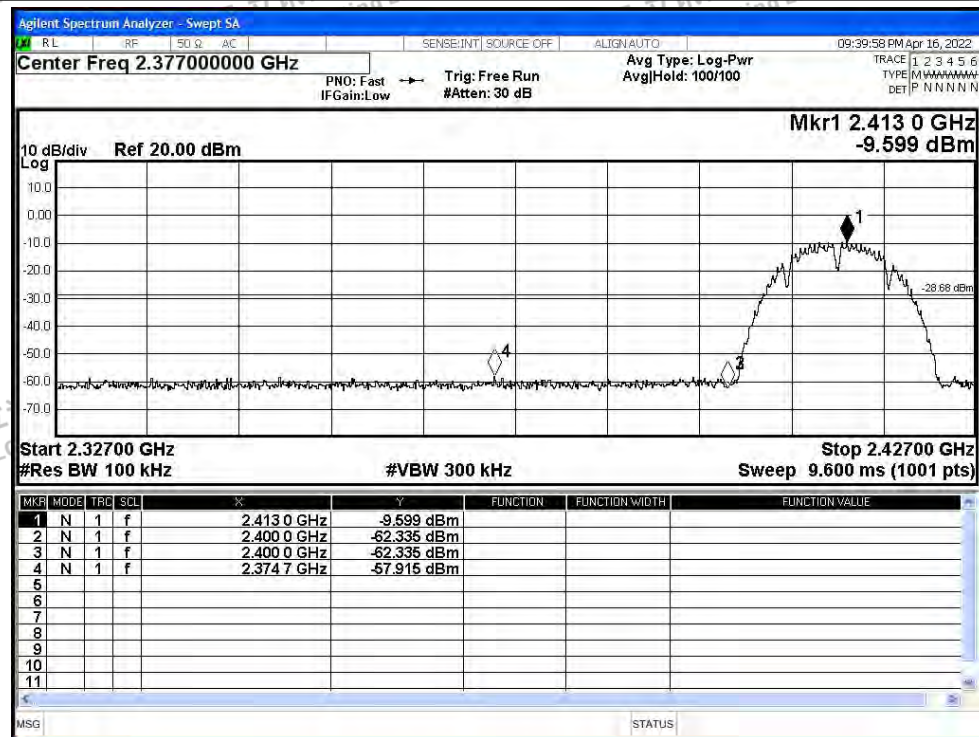


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



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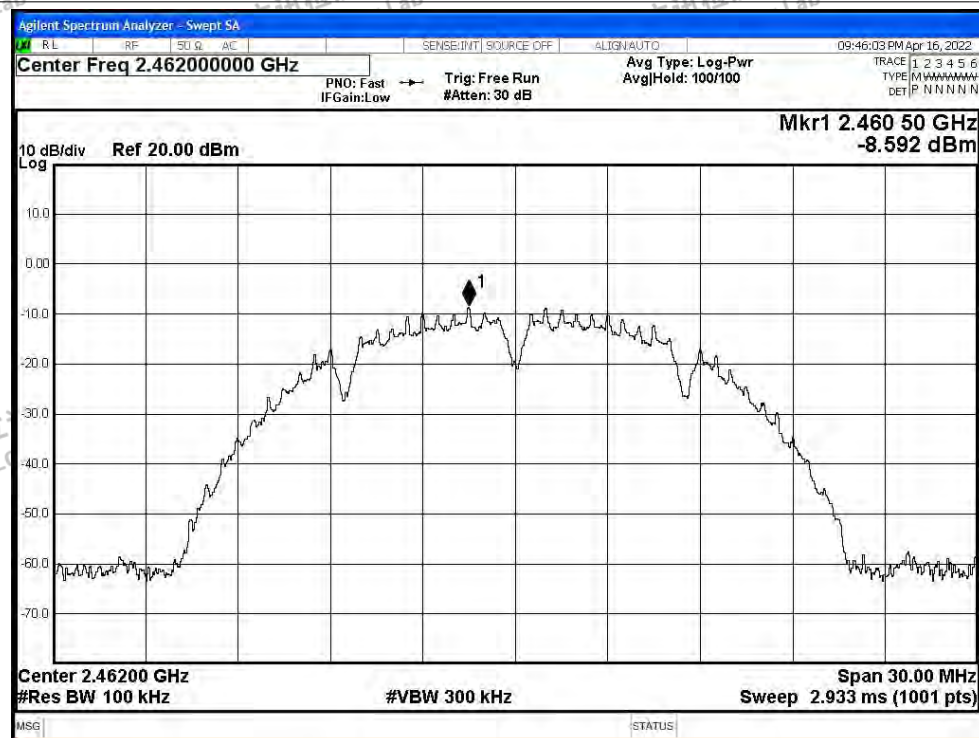
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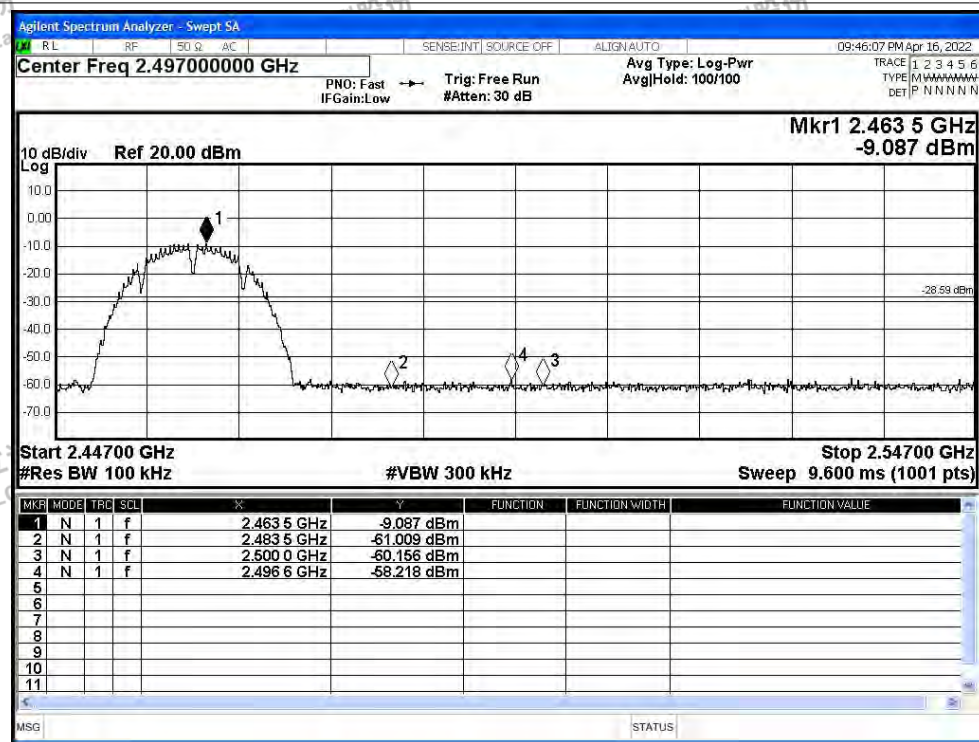
Scan code to check authenticity



## Band Edge NVNT b 2462MHz Ant1 Ref



## Band Edge NVNT b 2462MHz Ant1 Emission



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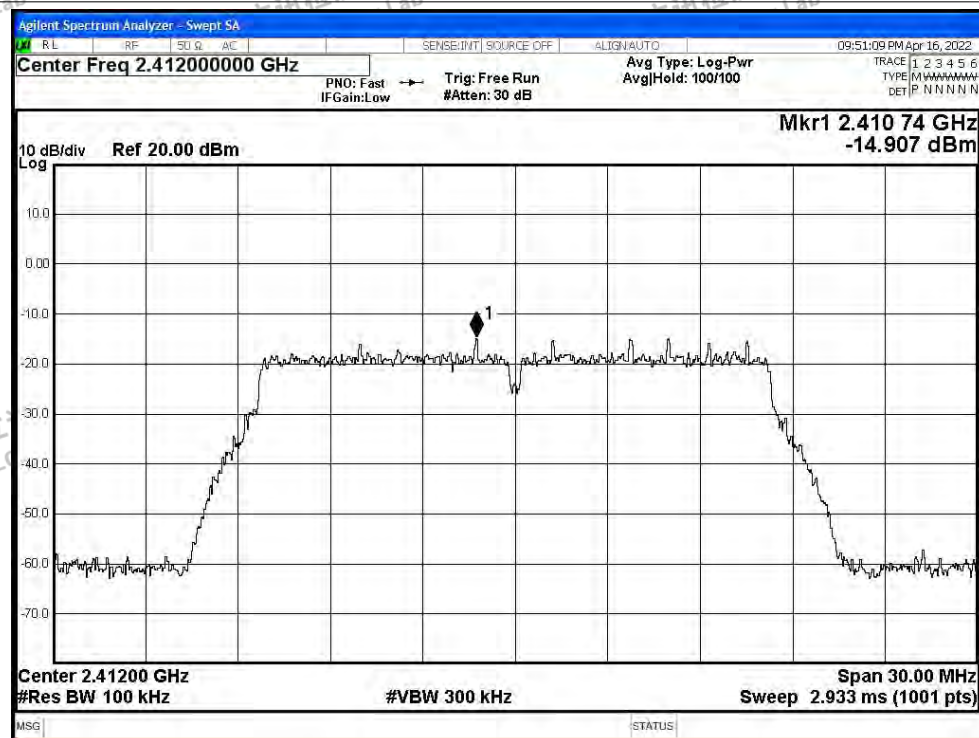
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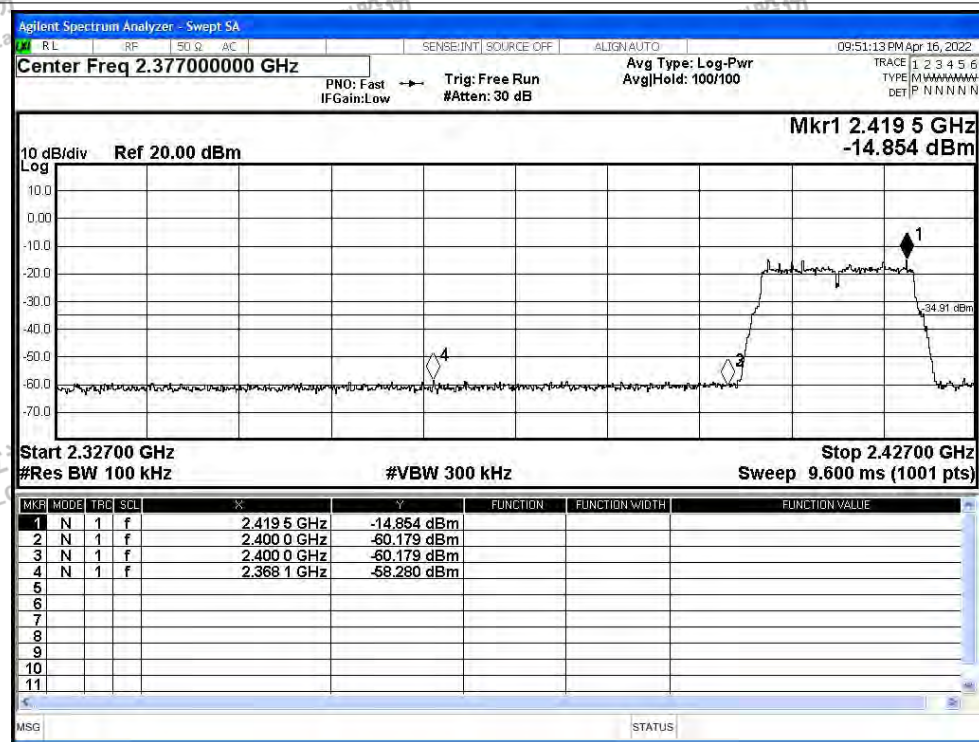
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## Band Edge NVNT g 2412MHz Ant1 Ref



## Band Edge NVNT g 2412MHz Ant1 Emission



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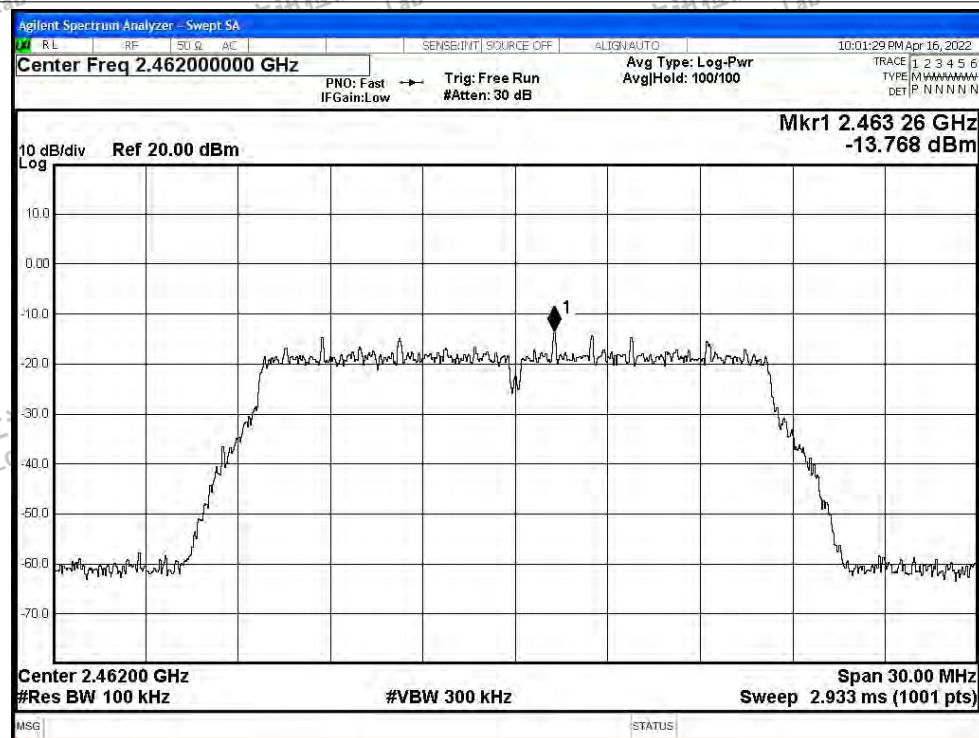
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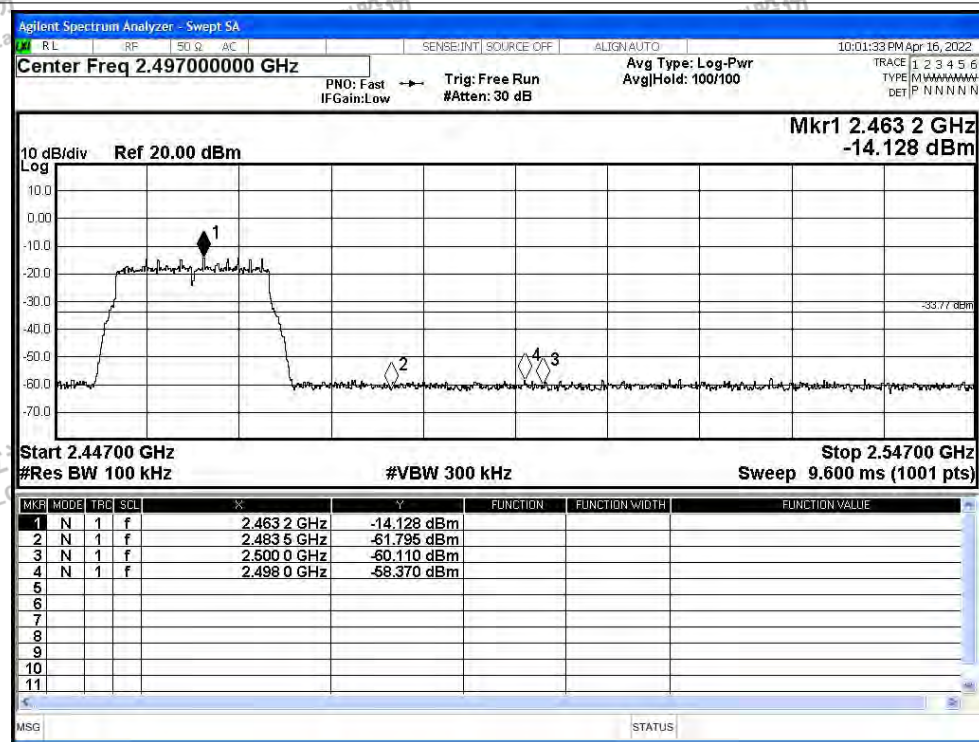
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## Band Edge NVNT g 2462MHz Ant1 Ref



## Band Edge NVNT g 2462MHz Ant1 Emission



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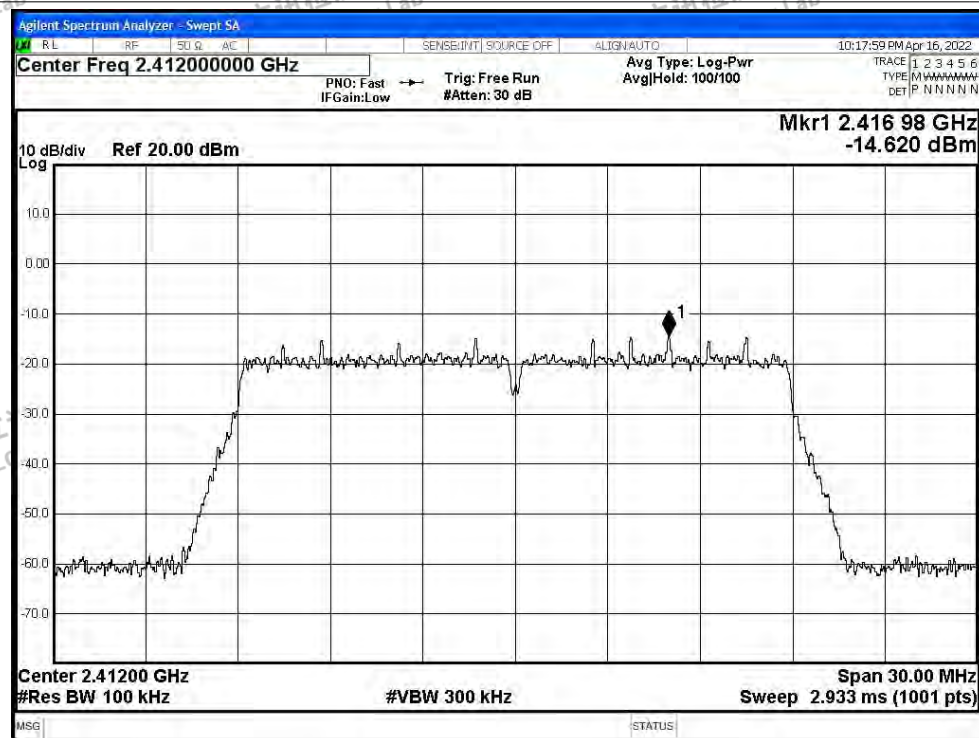
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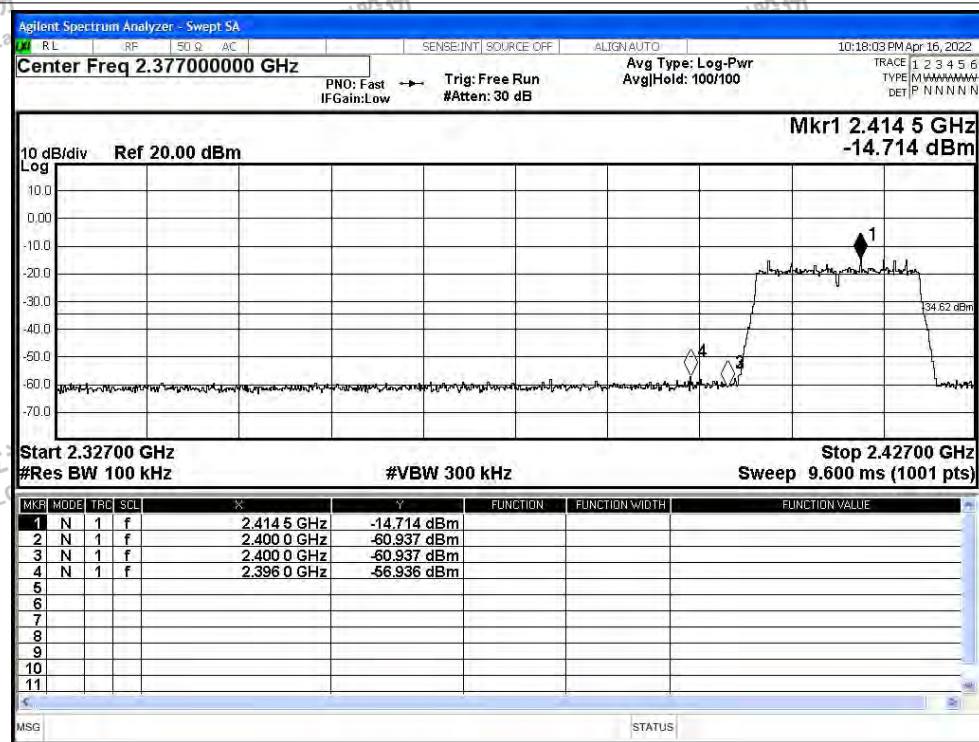
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## Band Edge NVNT n20 2412MHz Ant1 Ref



## Band Edge NVNT n20 2412MHz Ant1 Emission



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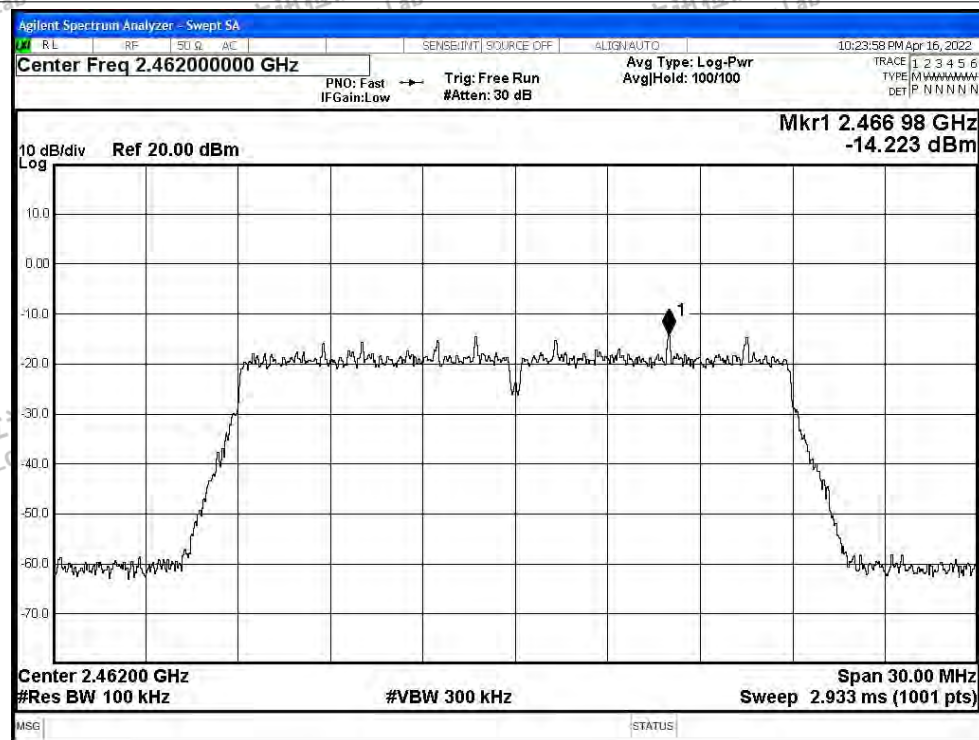
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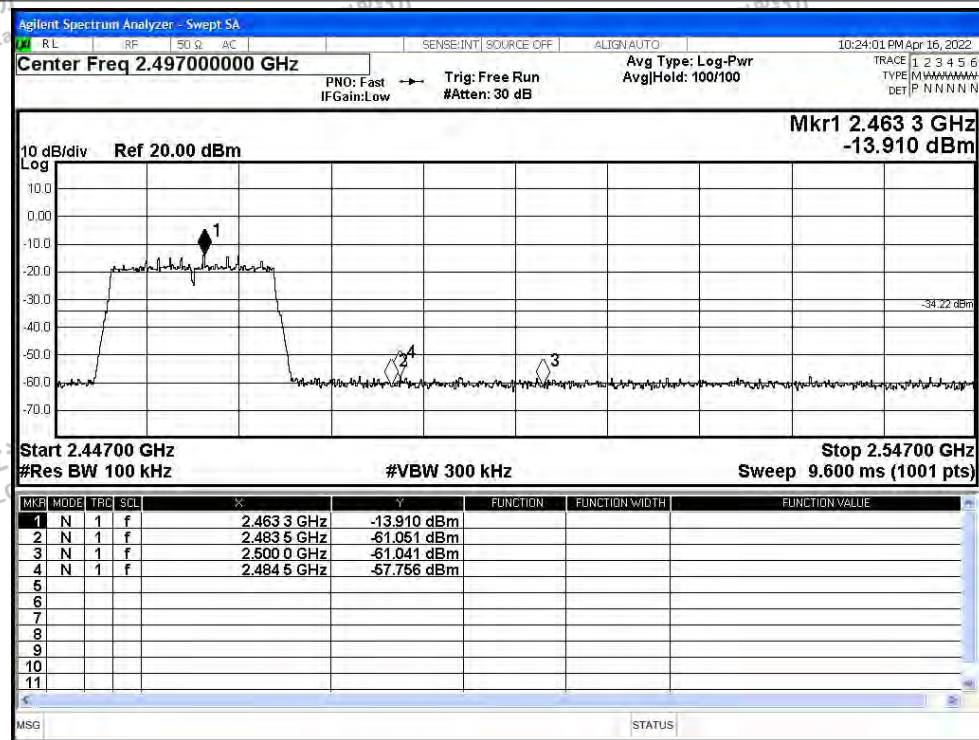
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## Band Edge NVNT n20 2462MHz Ant1 Ref



## Band Edge NVNT n20 2462MHz Ant1 Emission



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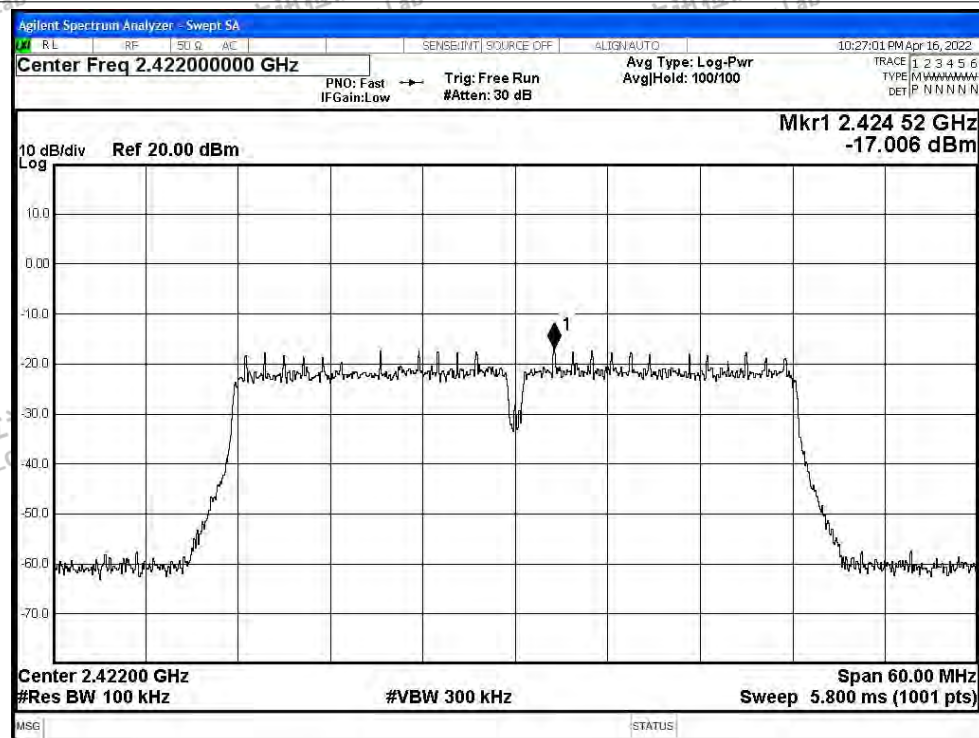
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

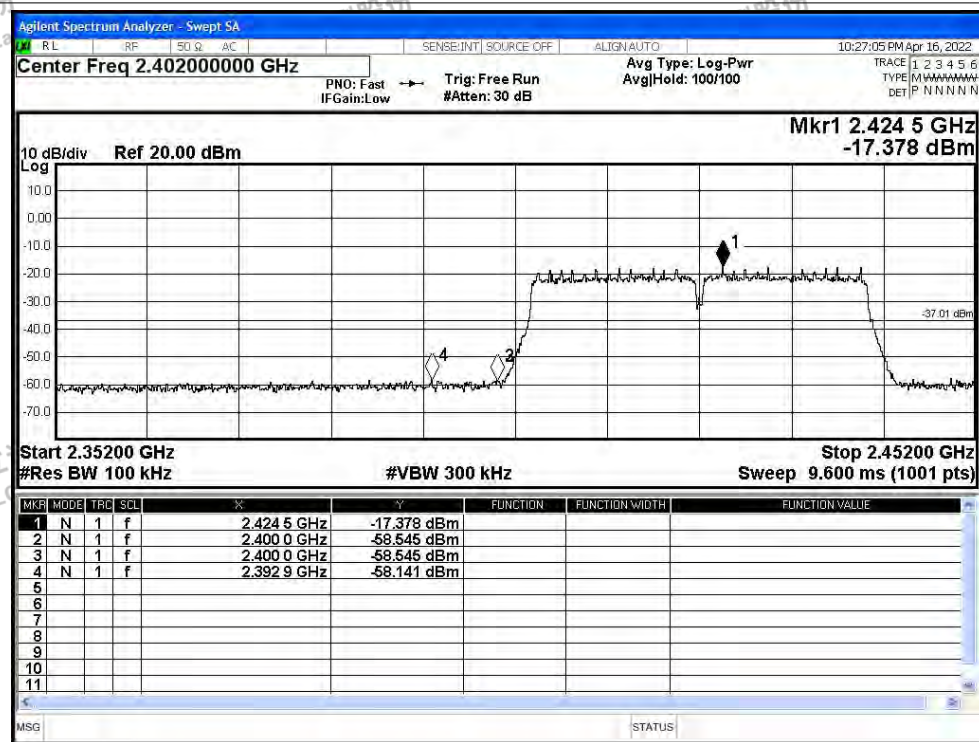
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## Band Edge NVNT n40 2422MHz Ant1 Ref



## Band Edge NVNT n40 2422MHz Ant1 Emission



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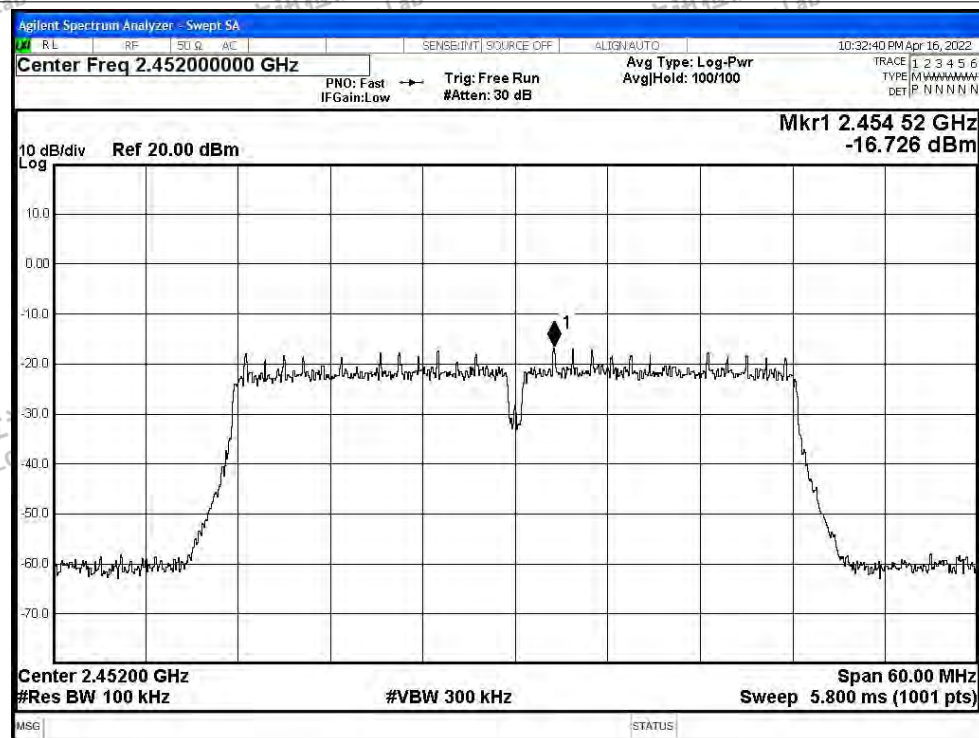
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

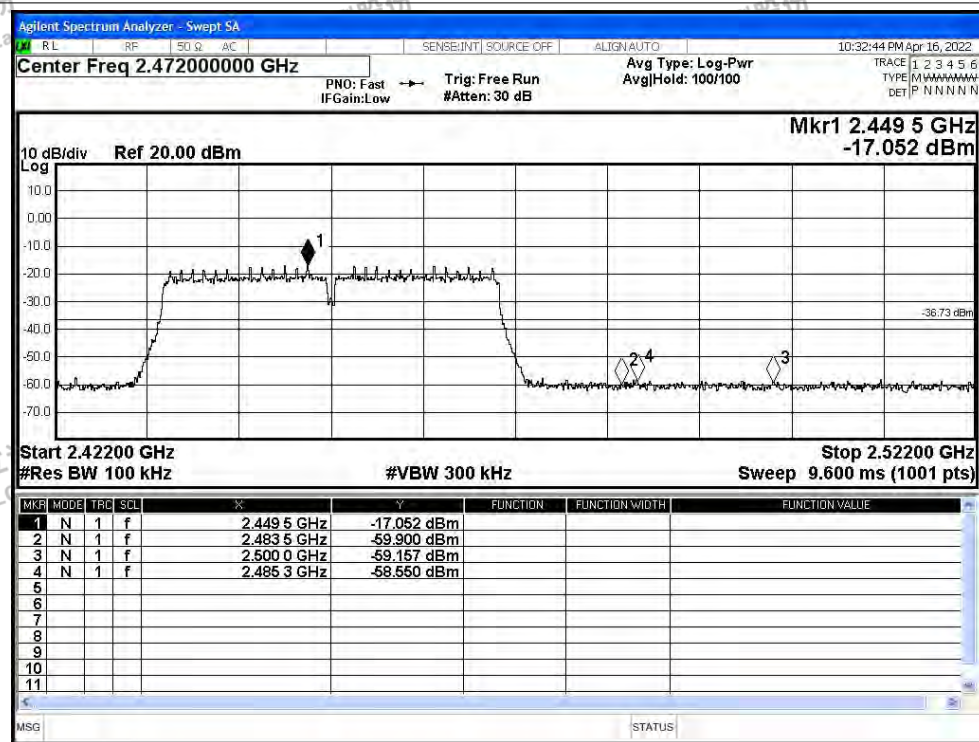
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## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission



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## C.5 Conducted Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -38.27          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -38.24          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -38.22          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -33.5           | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -32.02          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -33.21          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -32.57          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -32.66          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -32.82          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -30.13          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -31.01          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -30.22          | -20         | Pass    |



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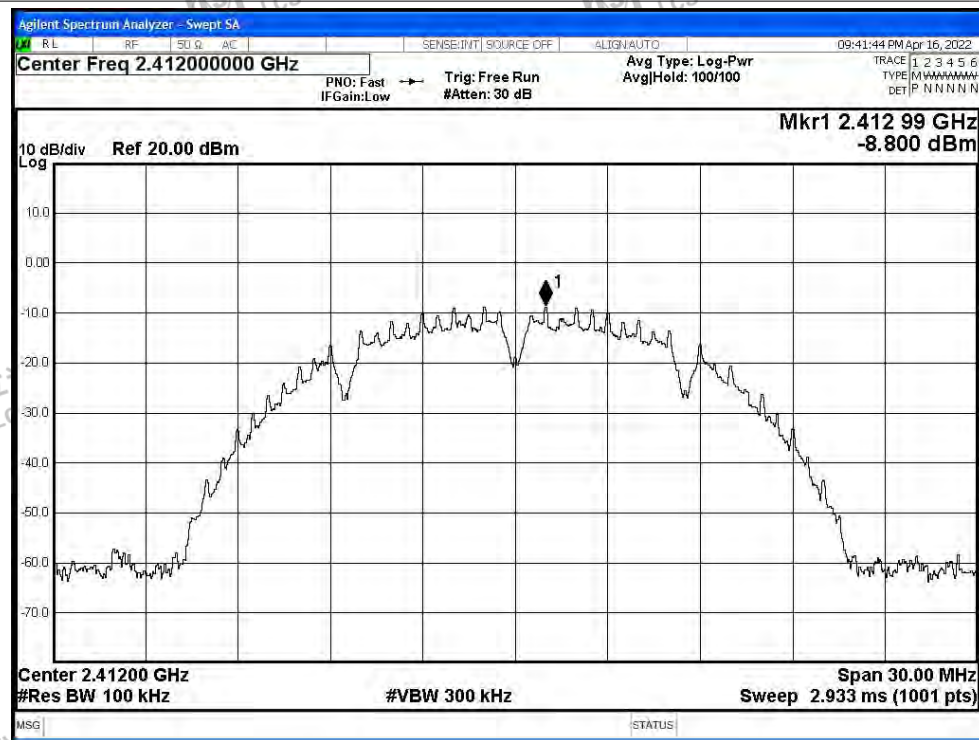
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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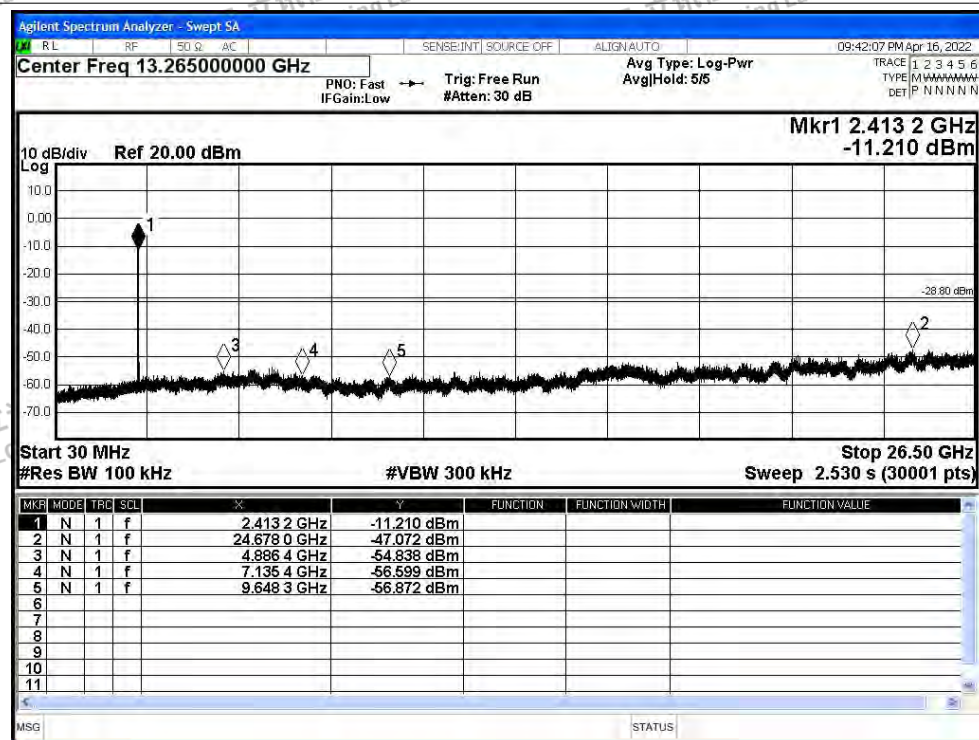


## Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



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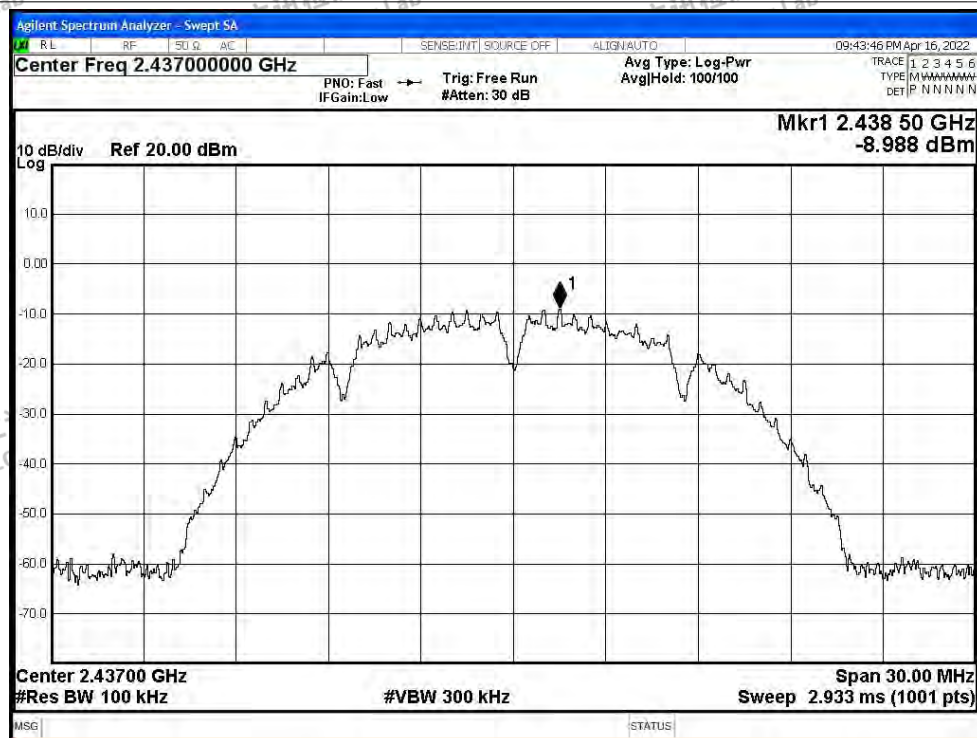
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

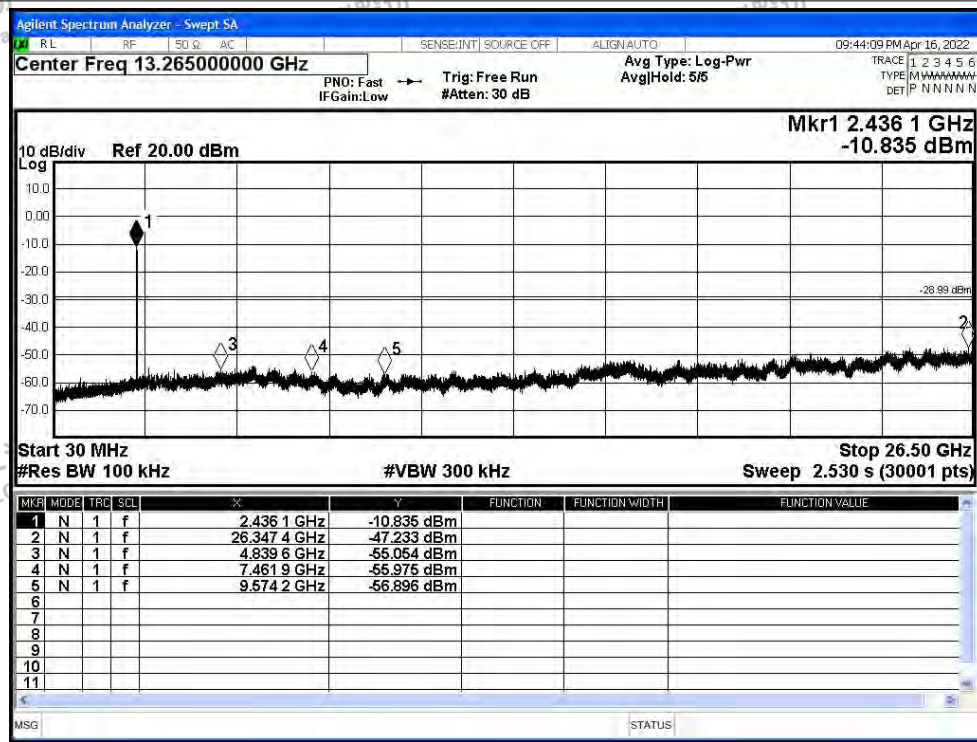
Scan code to check authenticity



## Tx: Spurious NVNT b 2437MHz Ant1 Ref



## Tx: Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

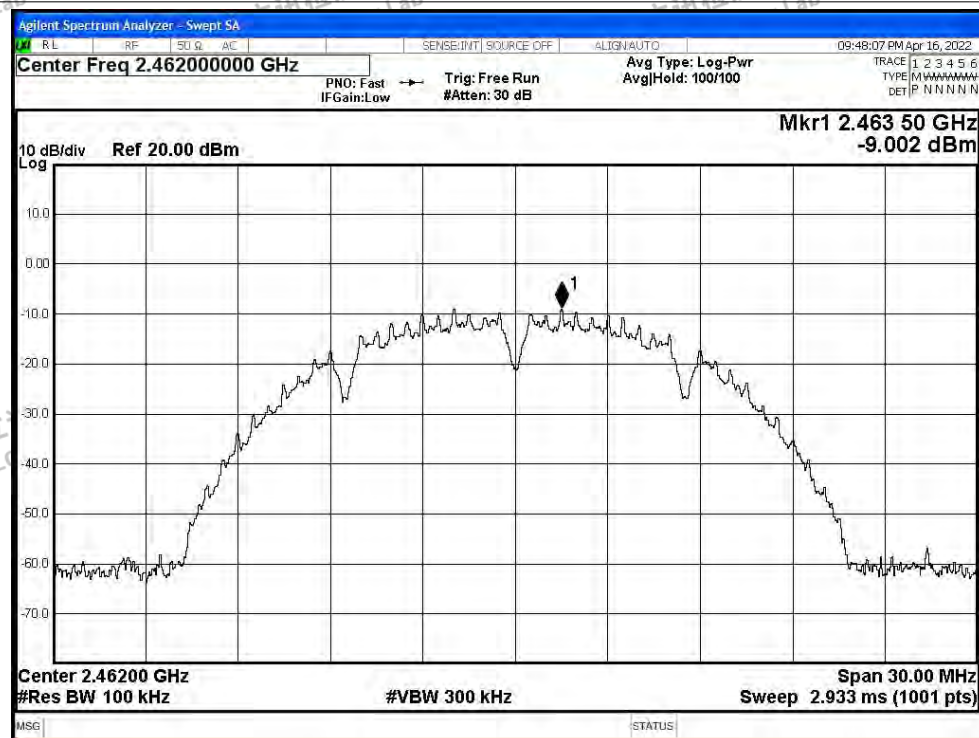
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

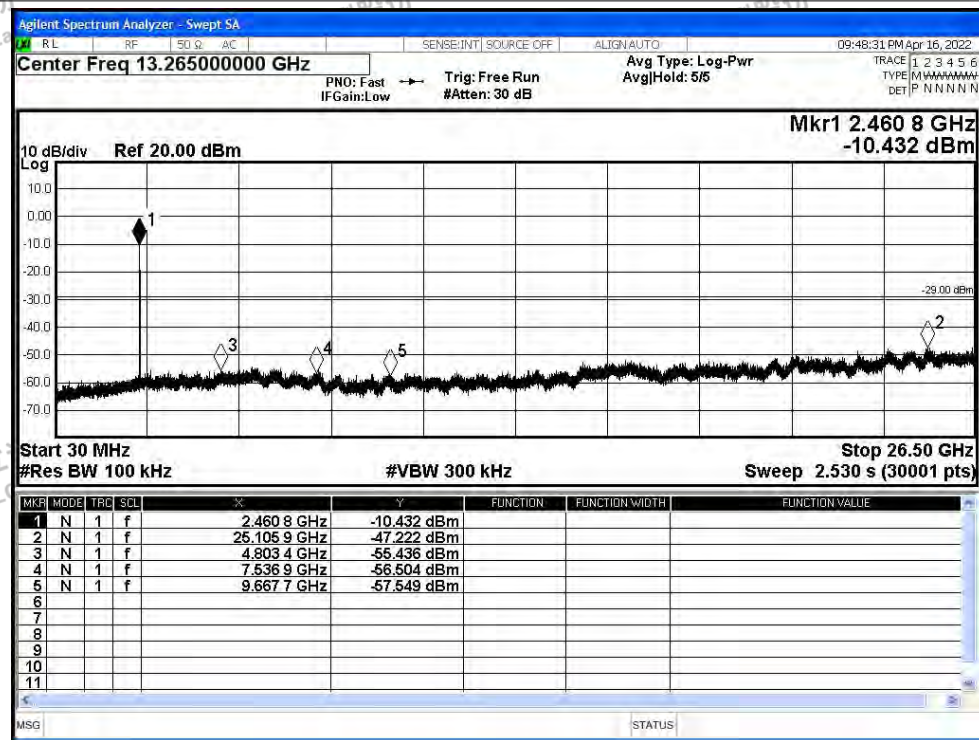
Scan code to check authenticity



## Tx. Spurious NVNT b 2462MHz Ant1 Ref



## Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

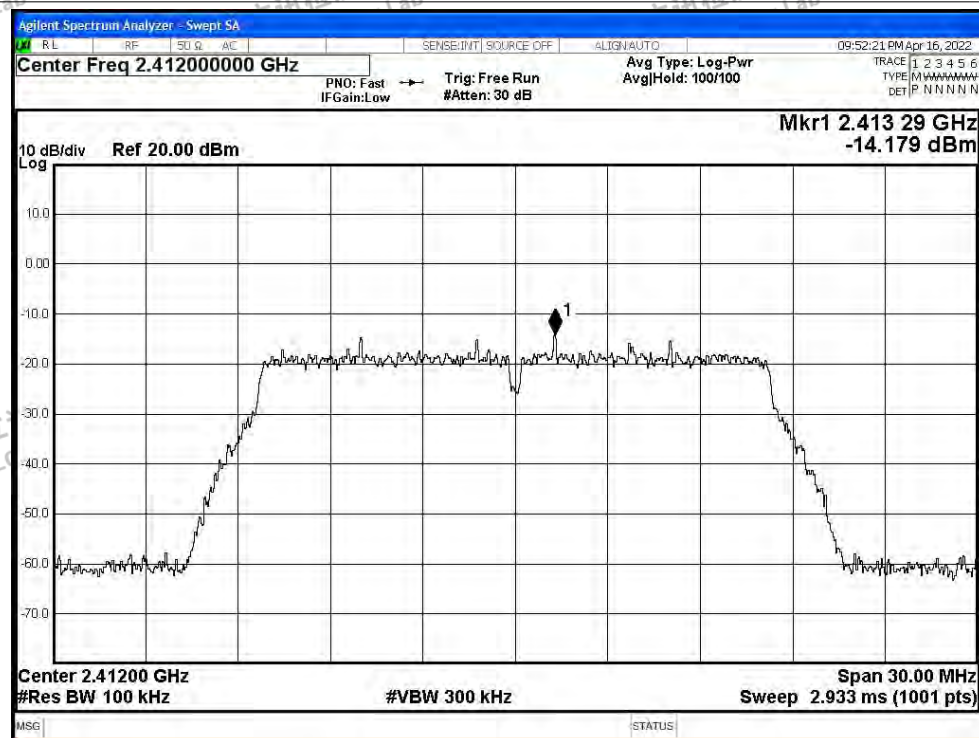
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

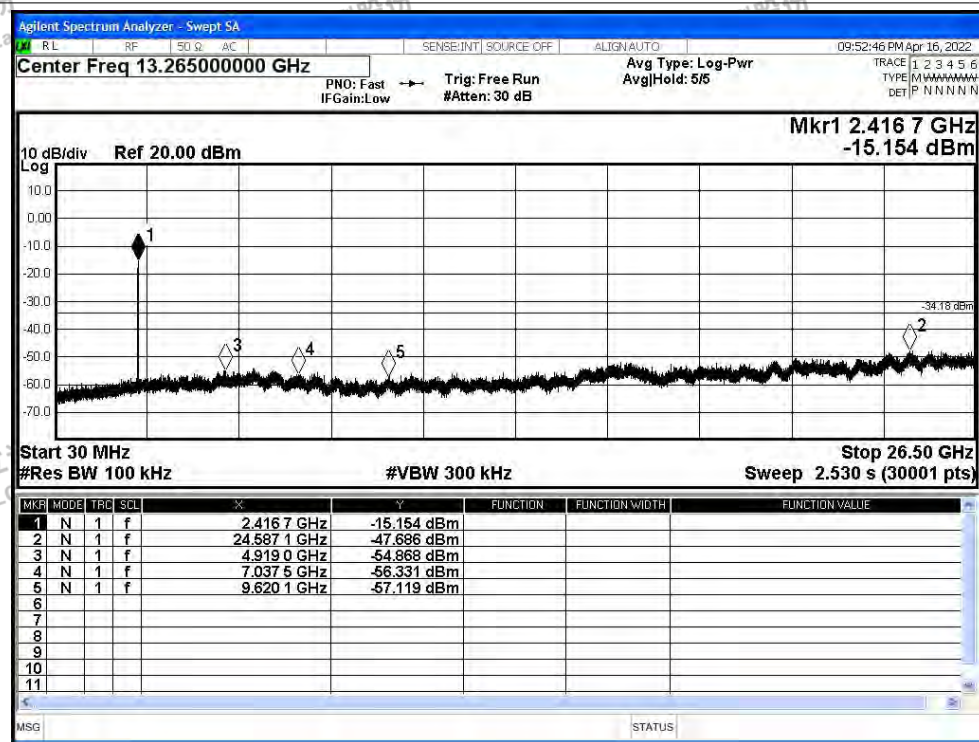
Scan code to check authenticity



## Tx. Spurious NVNT g 2412MHz Ant1 Ref



## Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

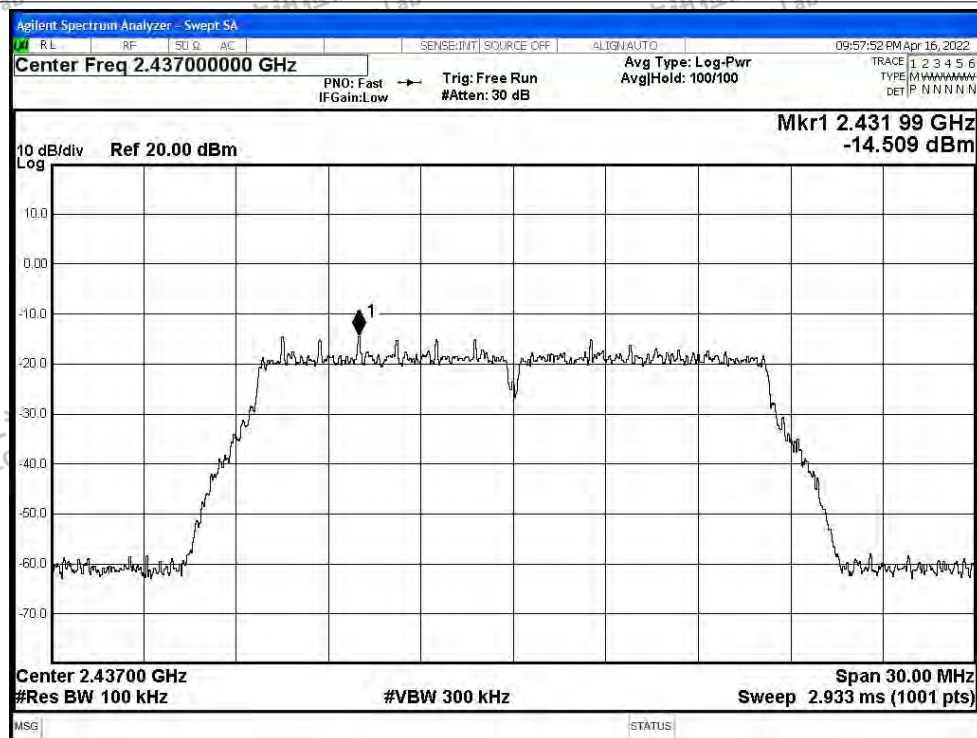
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

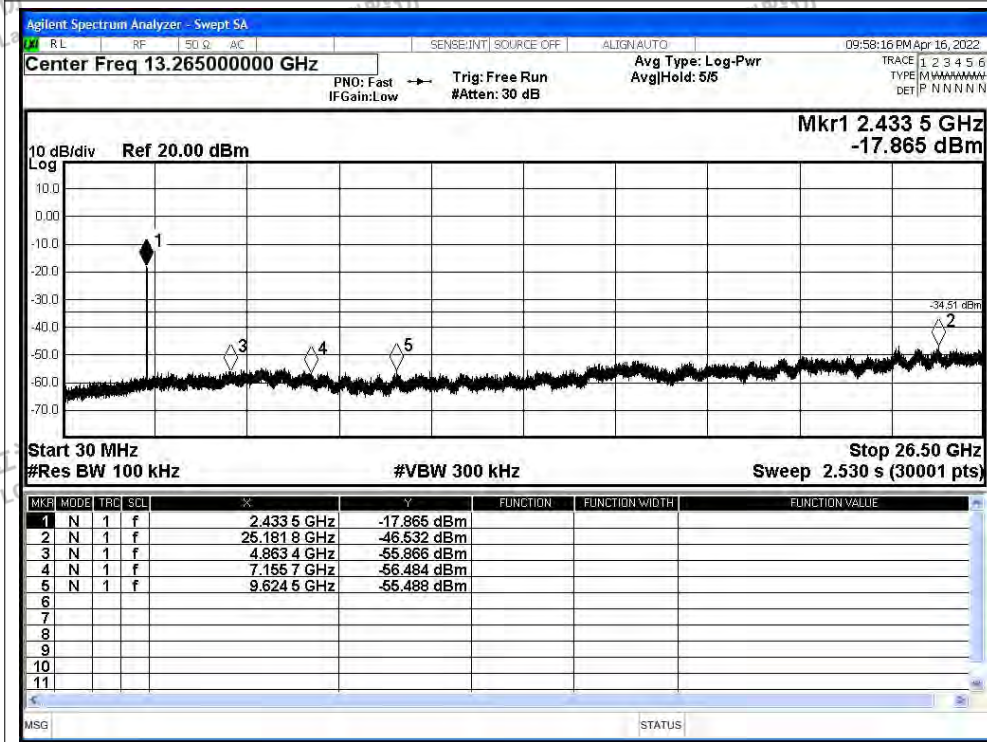
Scan code to check authenticity



## Tx. Spurious NVNT g 2437MHz Ant1 Ref



## Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

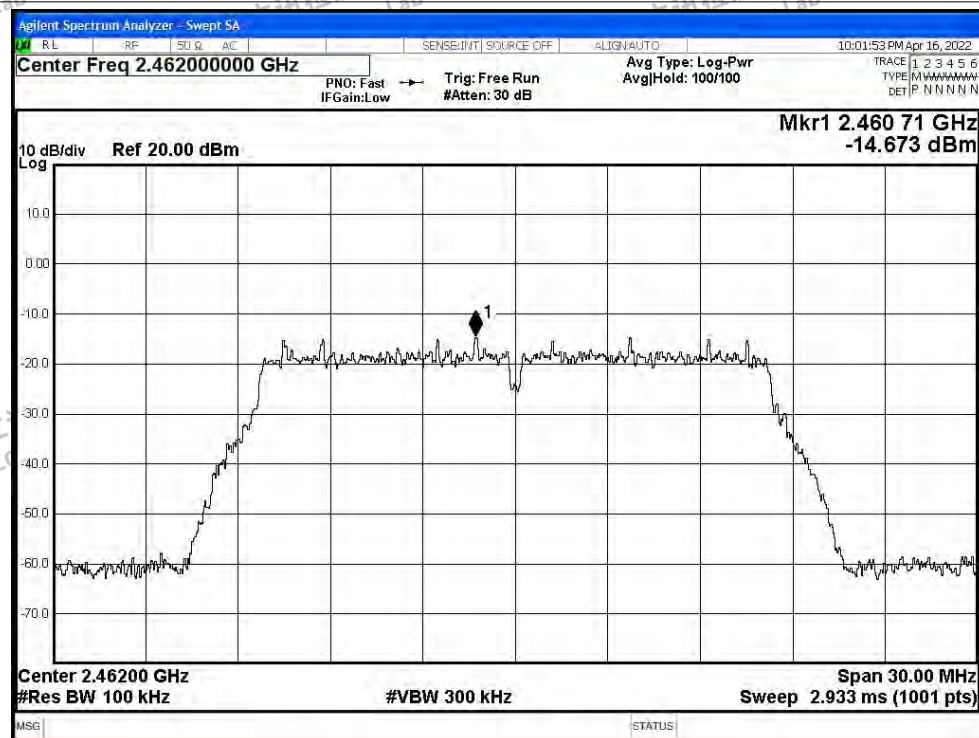
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

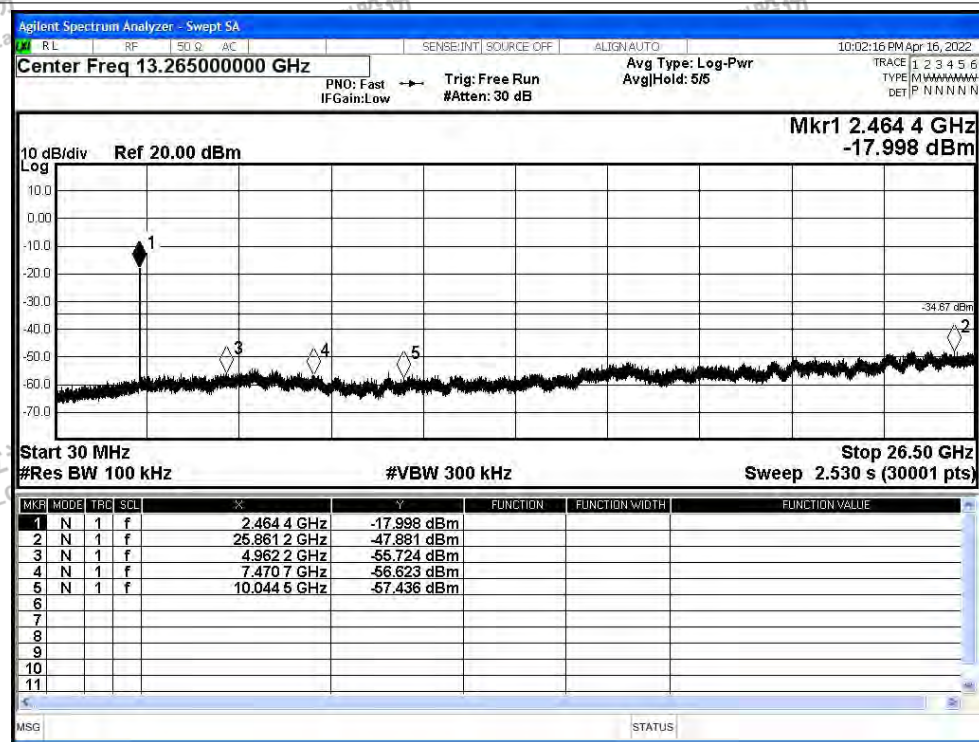
Scan code to check authenticity



## Tx. Spurious NVNT g 2462MHz Ant1 Ref



## Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

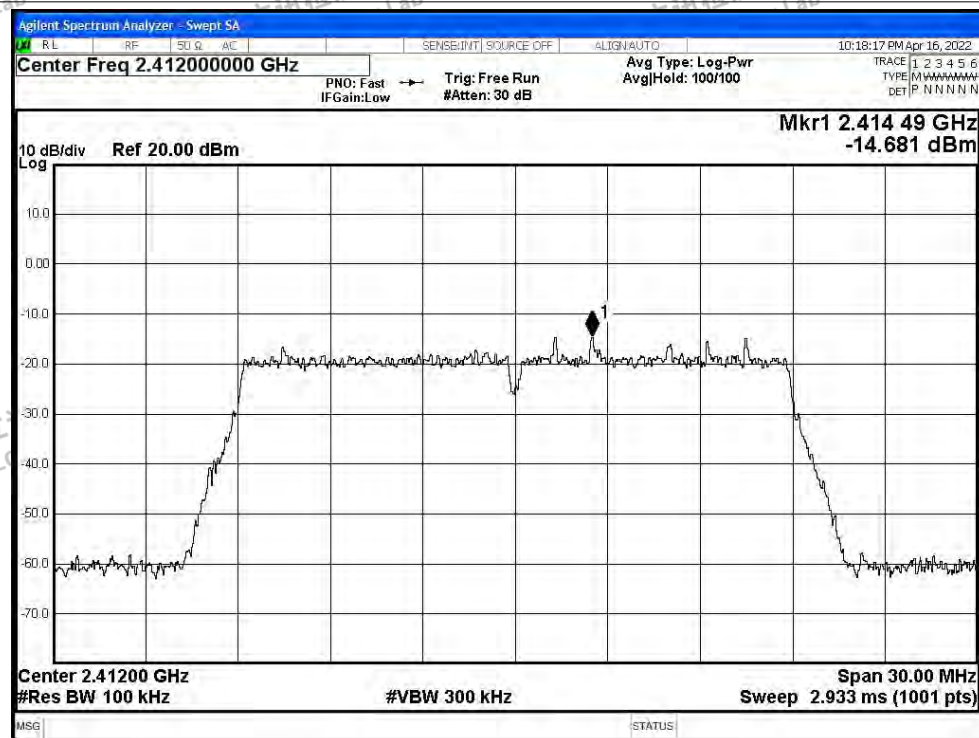
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

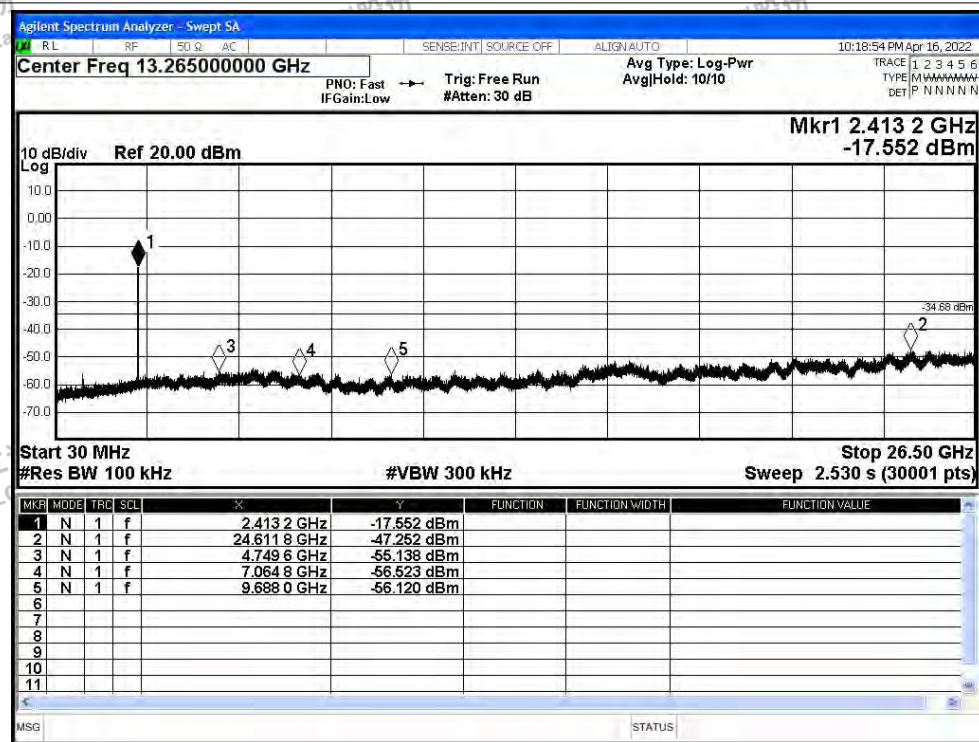
Scan code to check authenticity



## Tx. Spurious NVNT n20 2412MHz Ant1 Ref



## Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

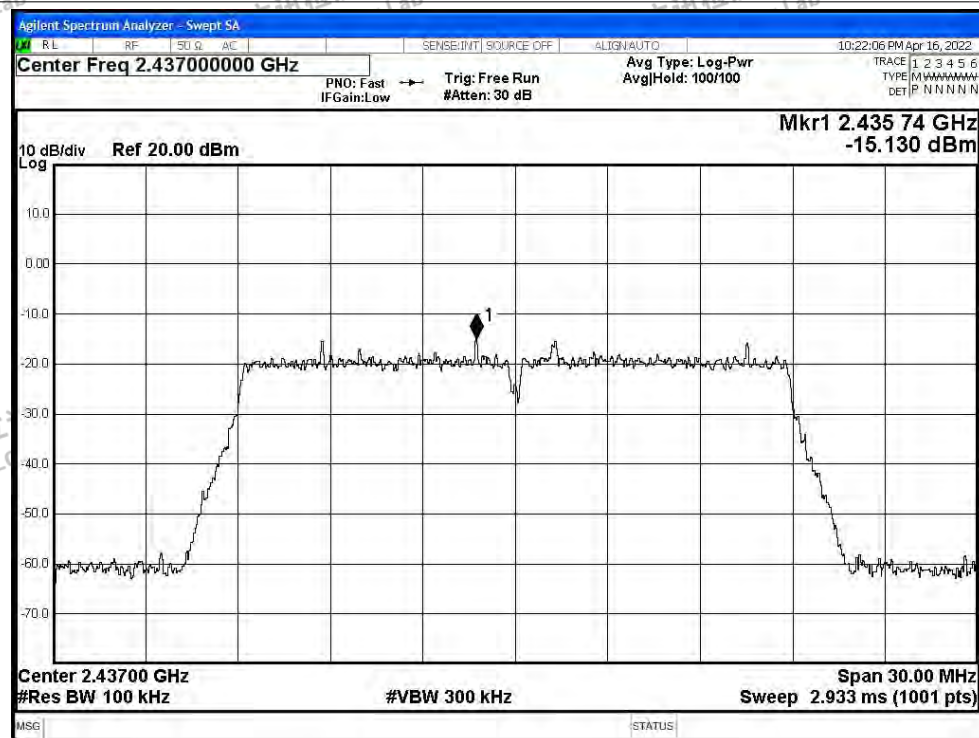
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

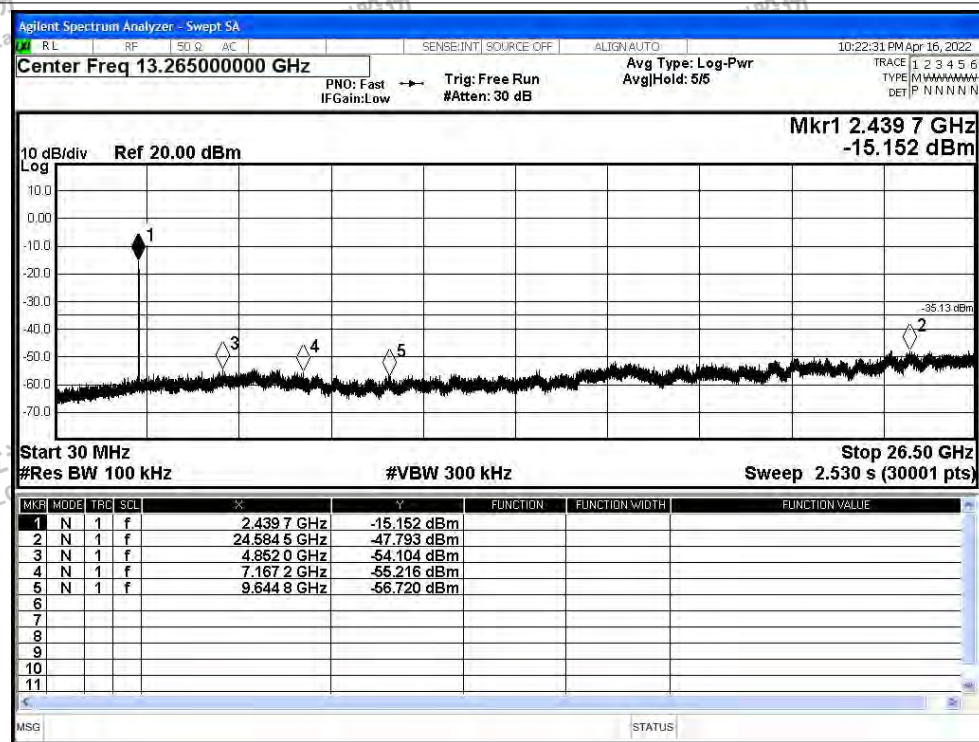
Scan code to check authenticity



## Tx. Spurious NVNT n20 2437MHz Ant1 Ref



## Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

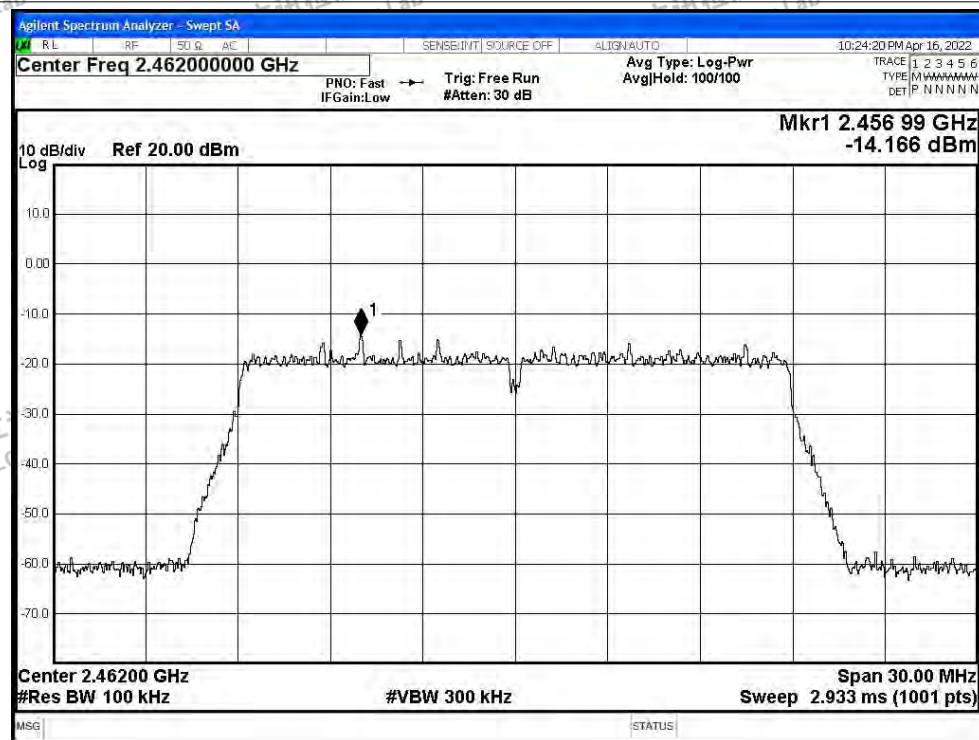
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

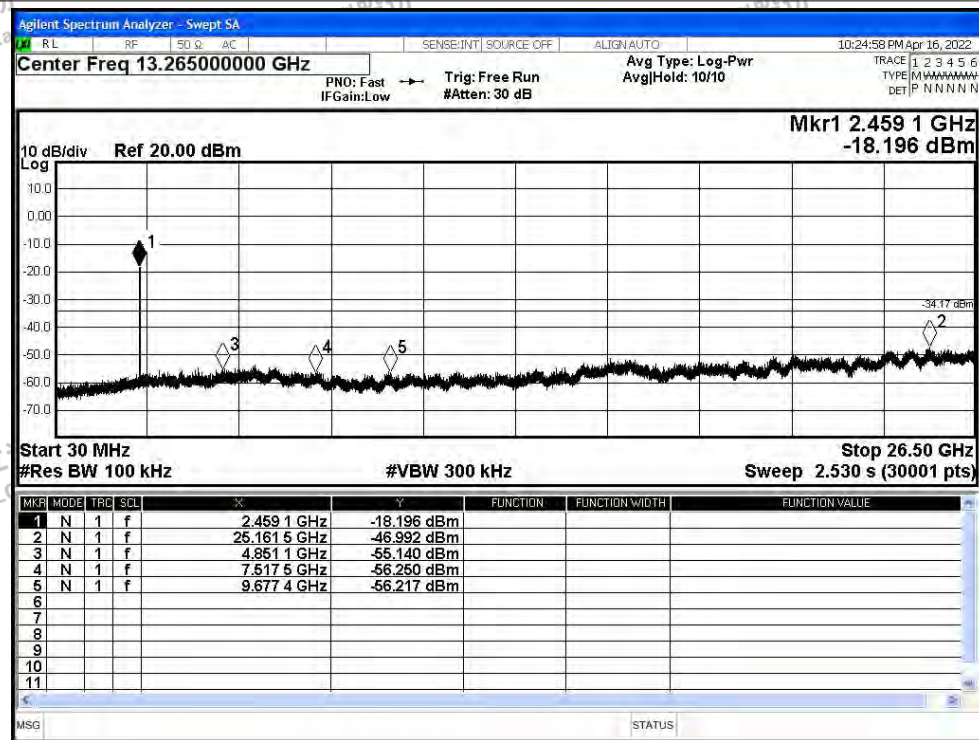
Scan code to check authenticity



## Tx. Spurious NVNT n20 2462MHz Ant1 Ref



## Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

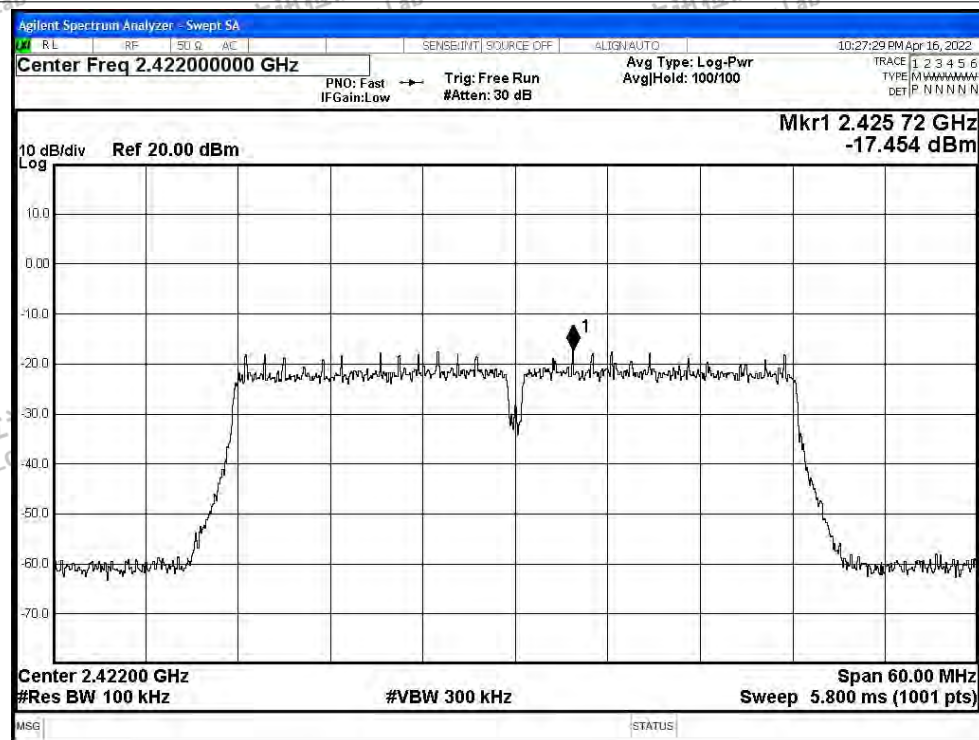
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

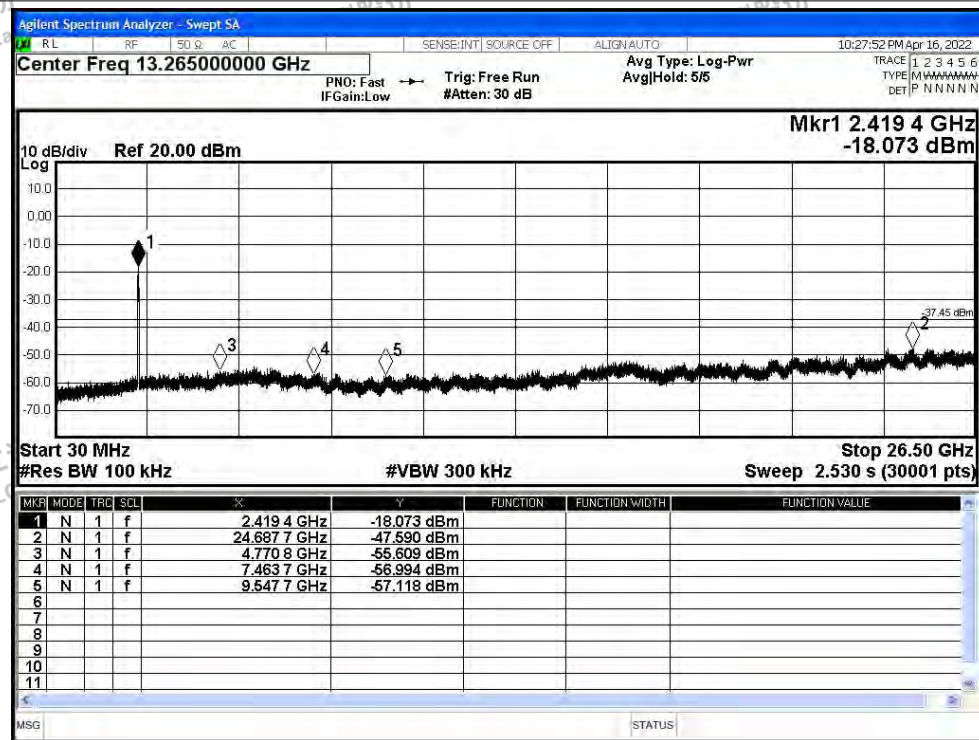
Scan code to check authenticity



## Tx. Spurious NVNT n40 2422MHz Ant1 Ref



## Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

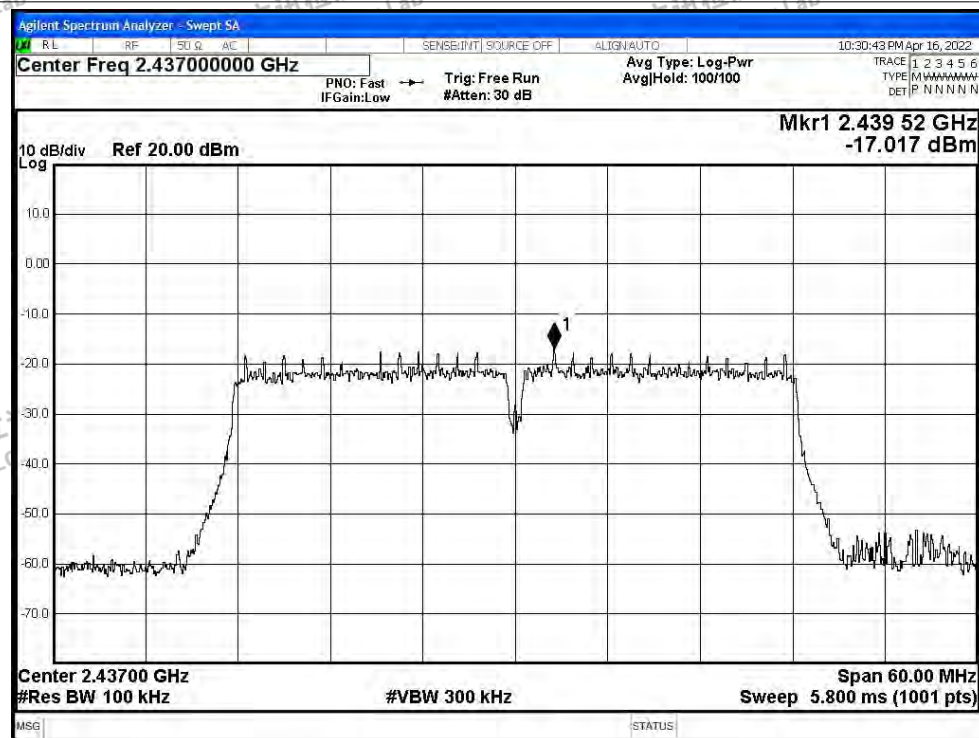
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

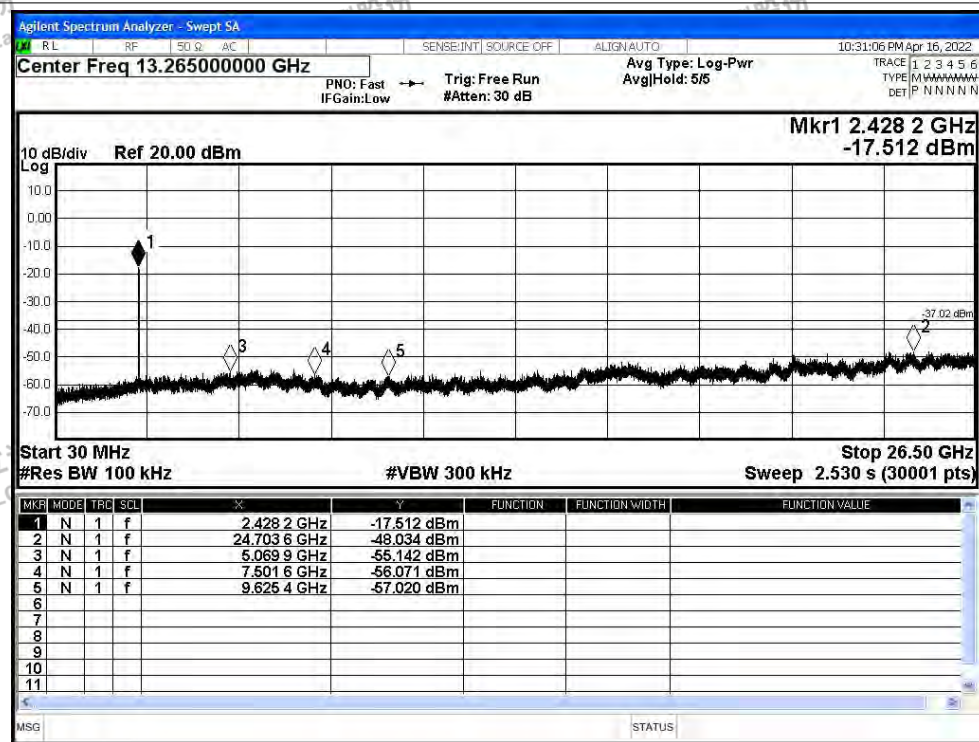
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## Tx. Spurious NVNT n40 2437MHz Ant1 Ref



## Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

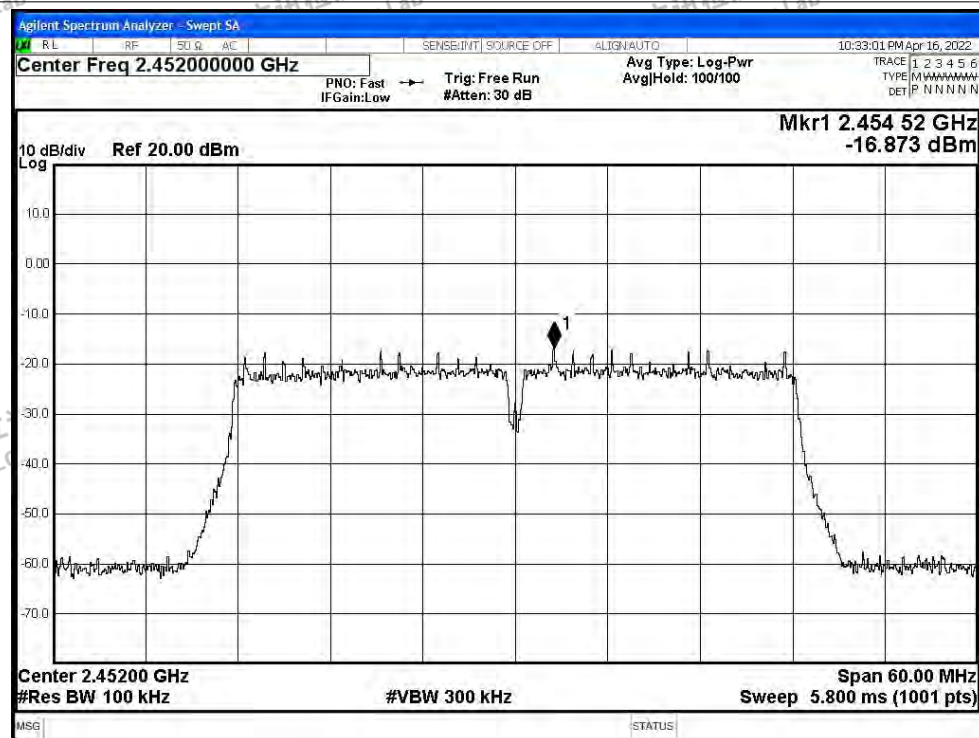
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

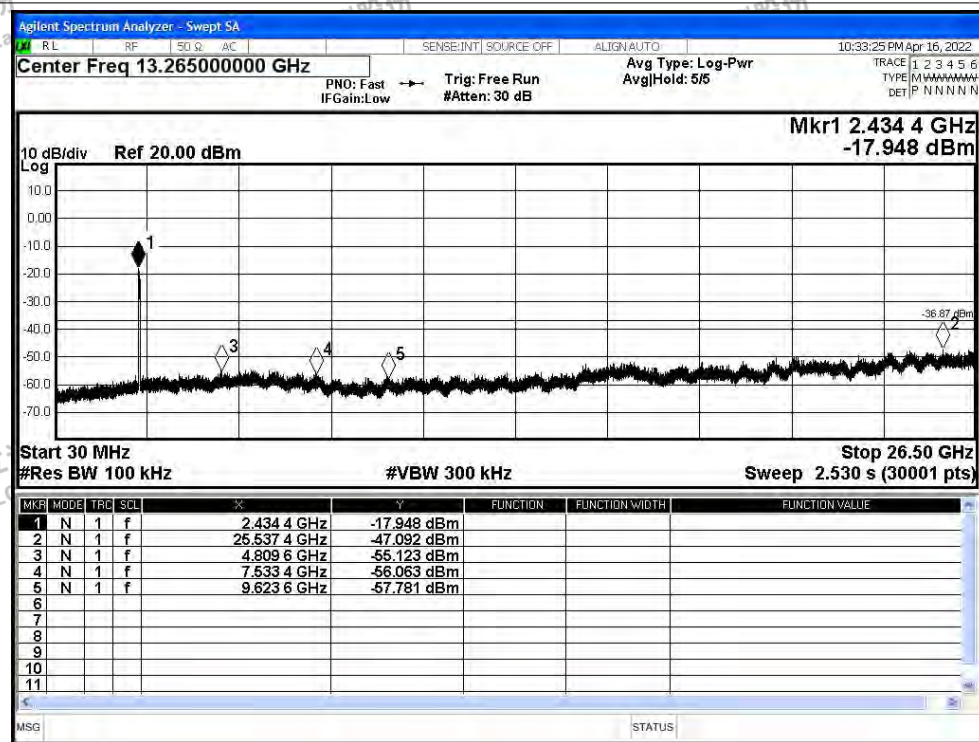
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## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission



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## C.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 5.26           | 12.79                  | 500       |
| NVNT      | g    | 2437            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 99.69          | 0                      | 0.79      |
| NVNT      | n20  | 2437            | Ant1    | 99.54          | 0                      | 0.77      |
| NVNT      | n20  | 2462            | Ant1    | 97.45          | 0.11                   | 0.77      |
| NVNT      | n40  | 2422            | Ant1    | 95.03          | 0.22                   | 1.54      |
| NVNT      | n40  | 2437            | Ant1    | 95.03          | 0.22                   | 1.54      |
| NVNT      | n40  | 2452            | Ant1    | 95.31          | 0.21                   | 1.54      |



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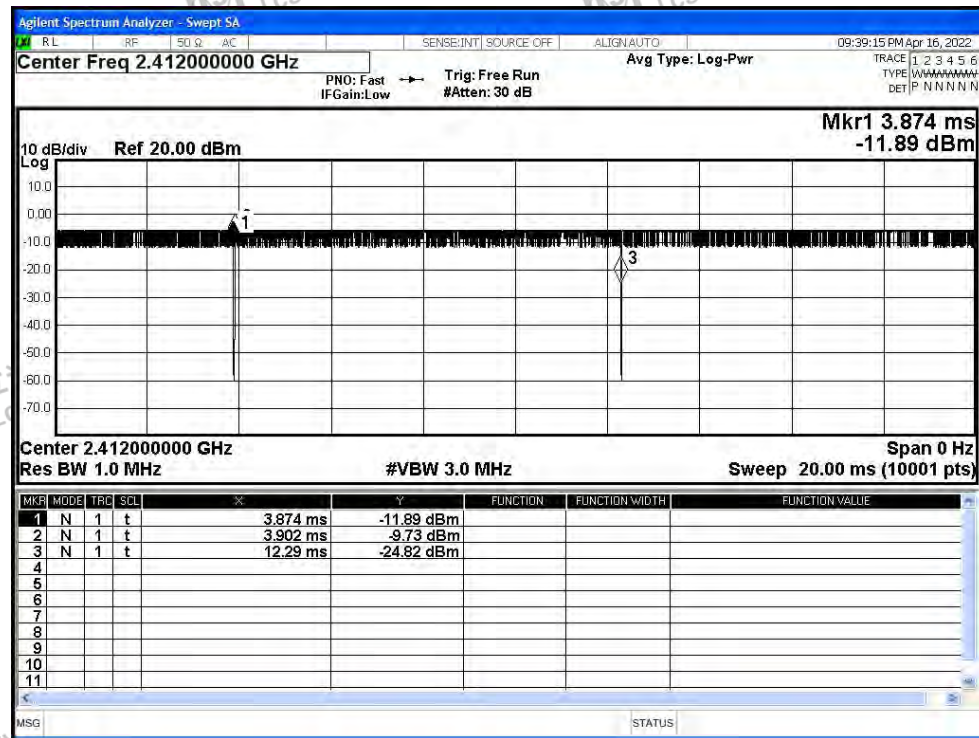
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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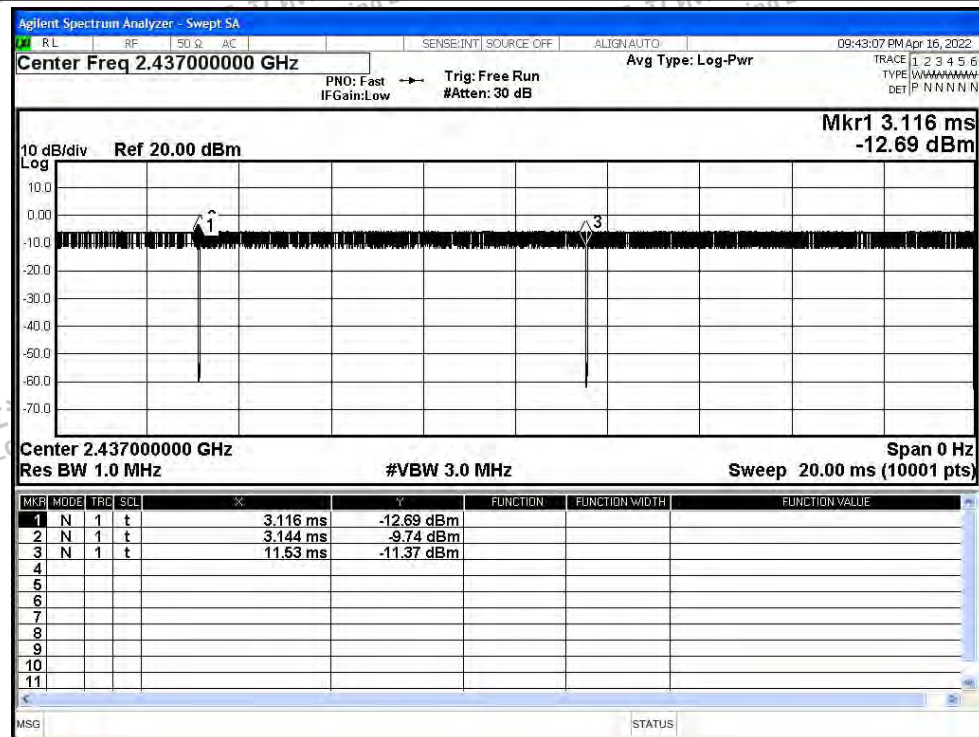


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1



## Duty Cycle NVNT b 2437MHz Ant1



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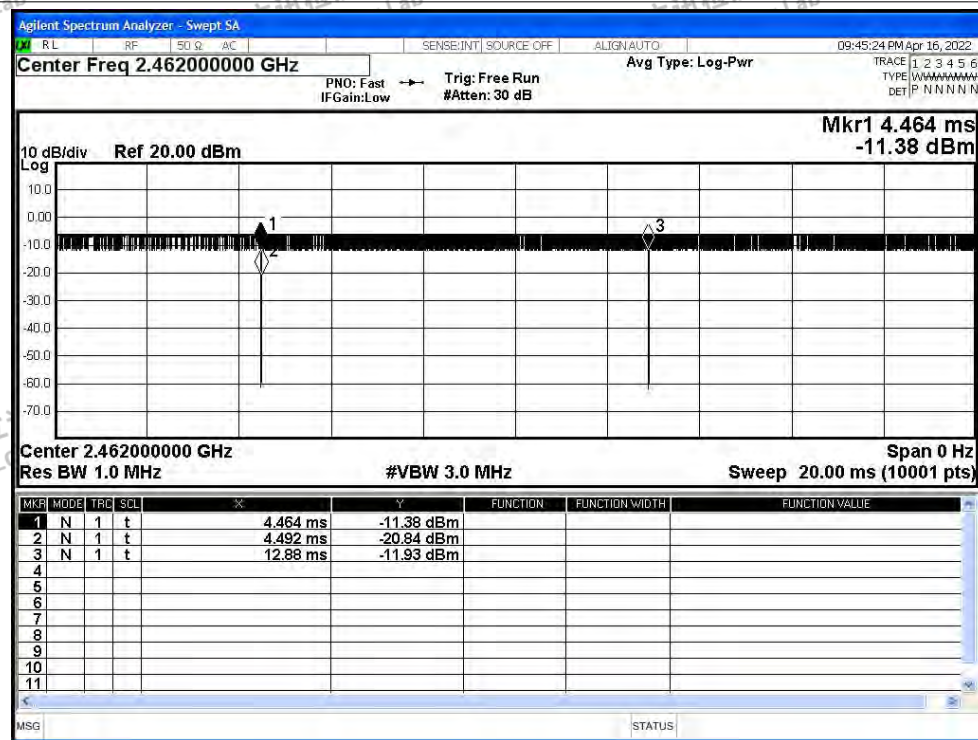
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

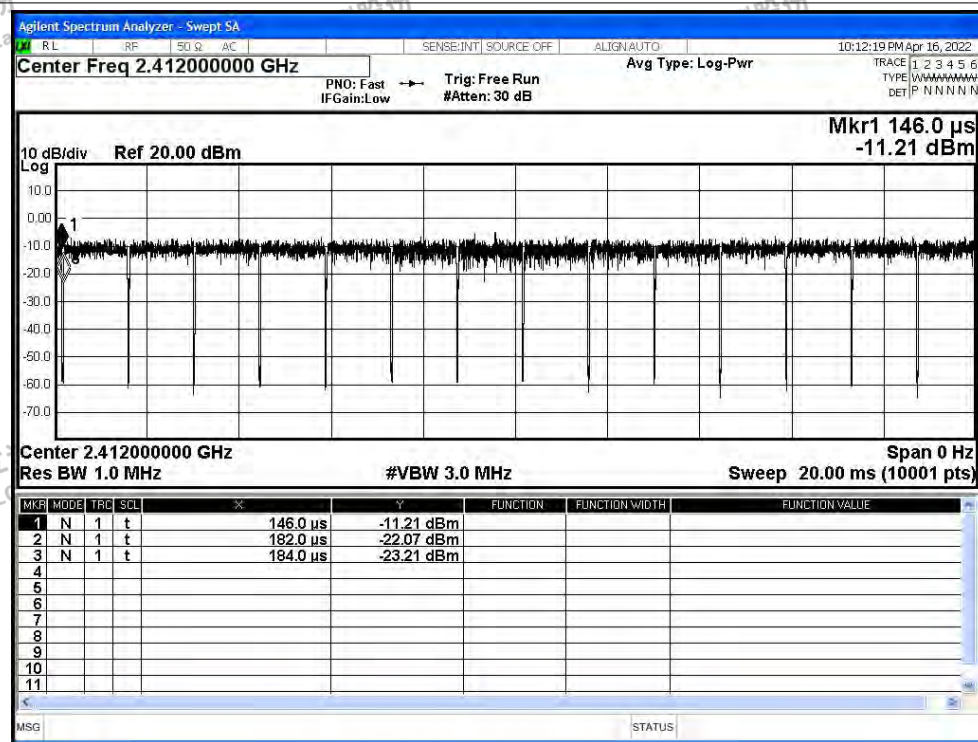
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## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



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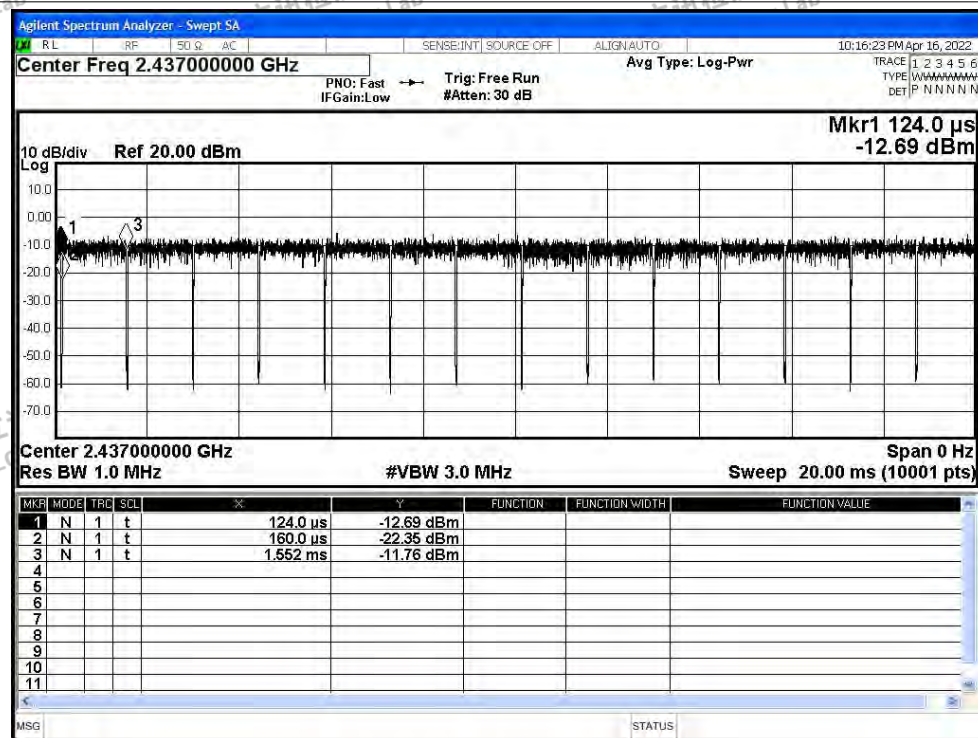
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

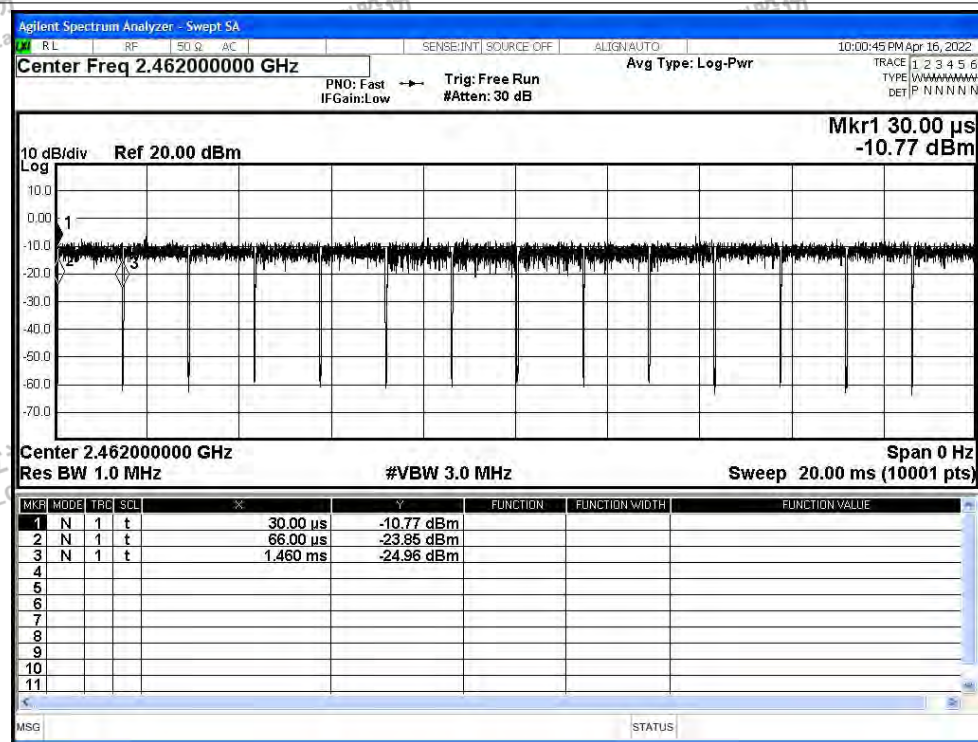
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1



## Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

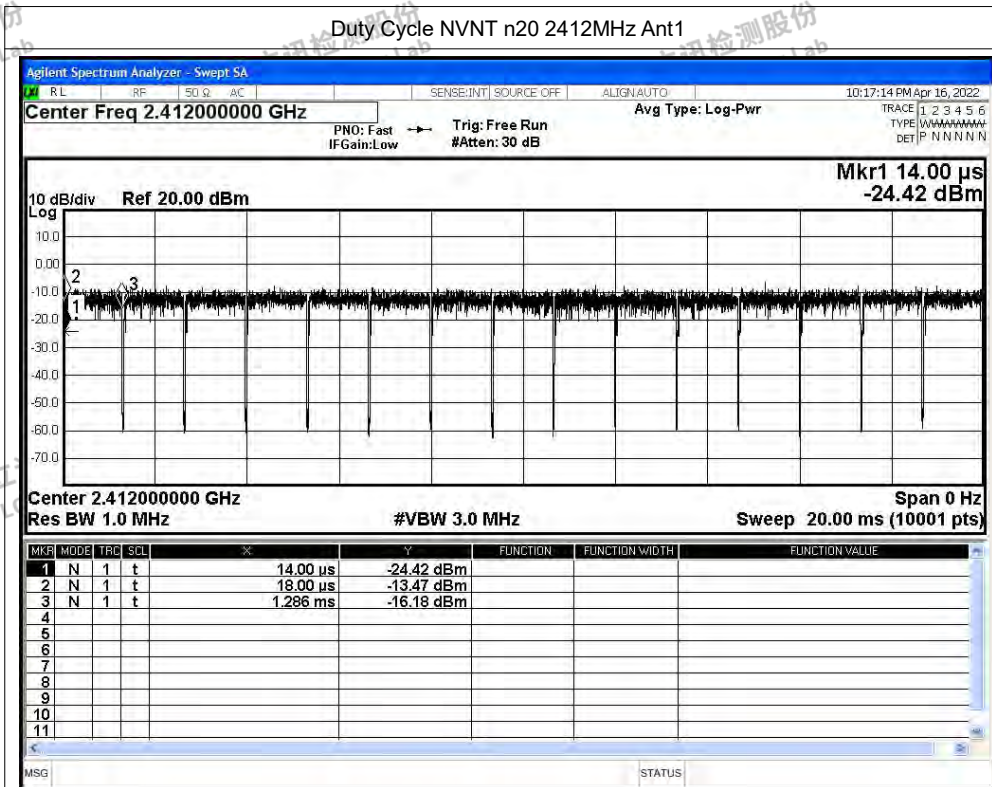
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

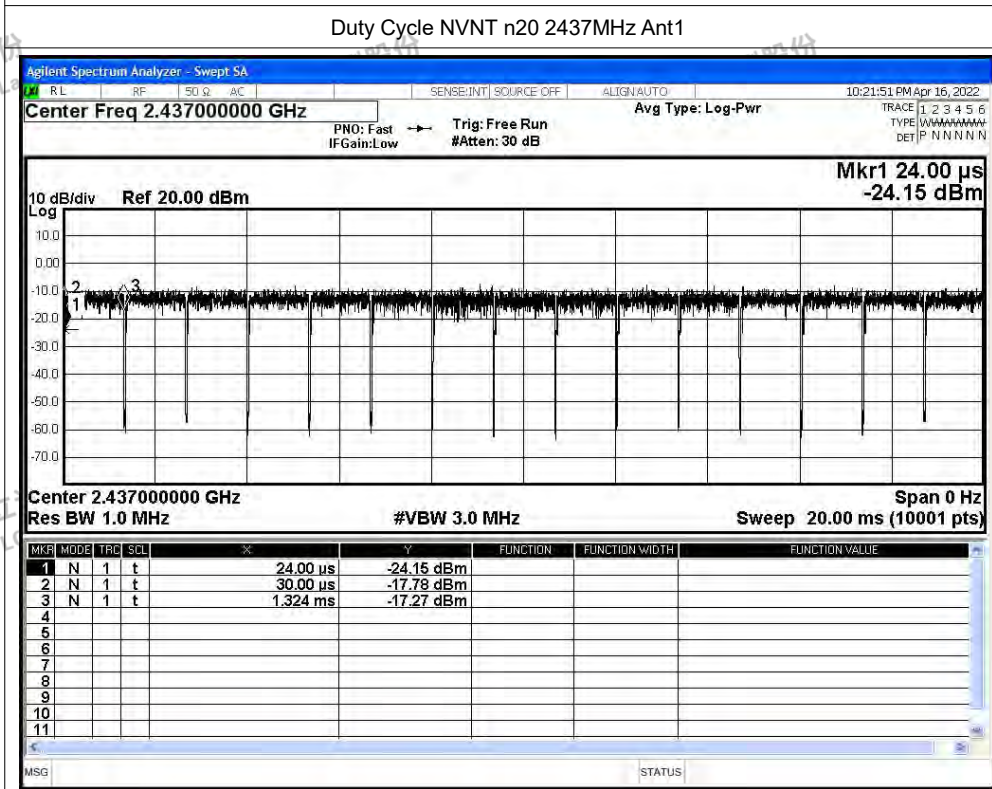
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## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

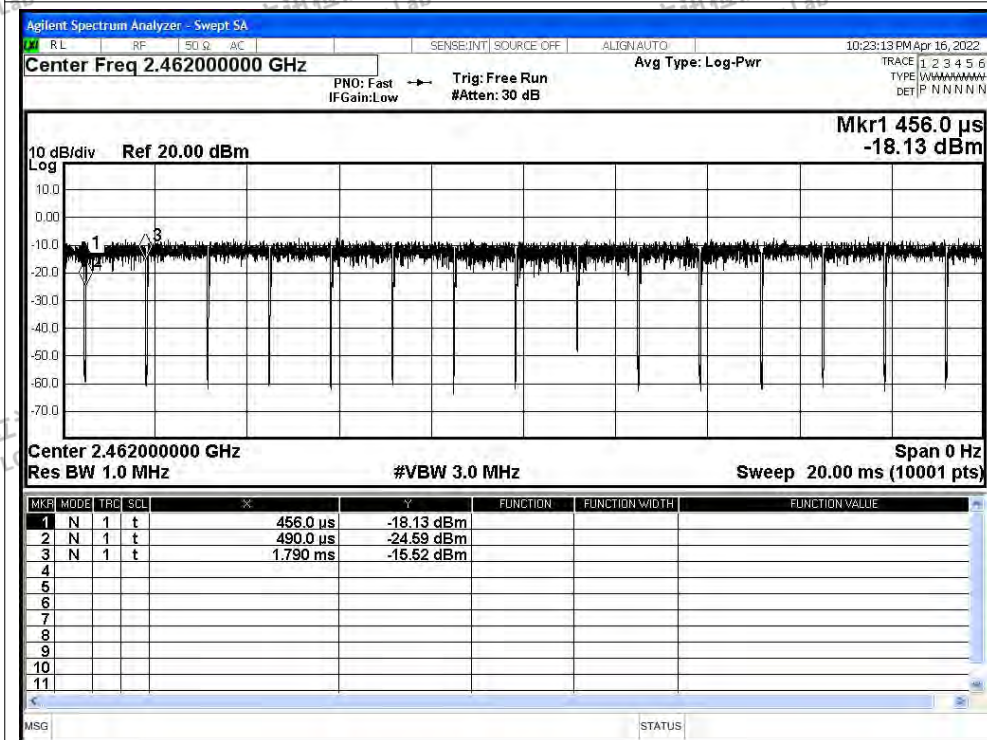
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

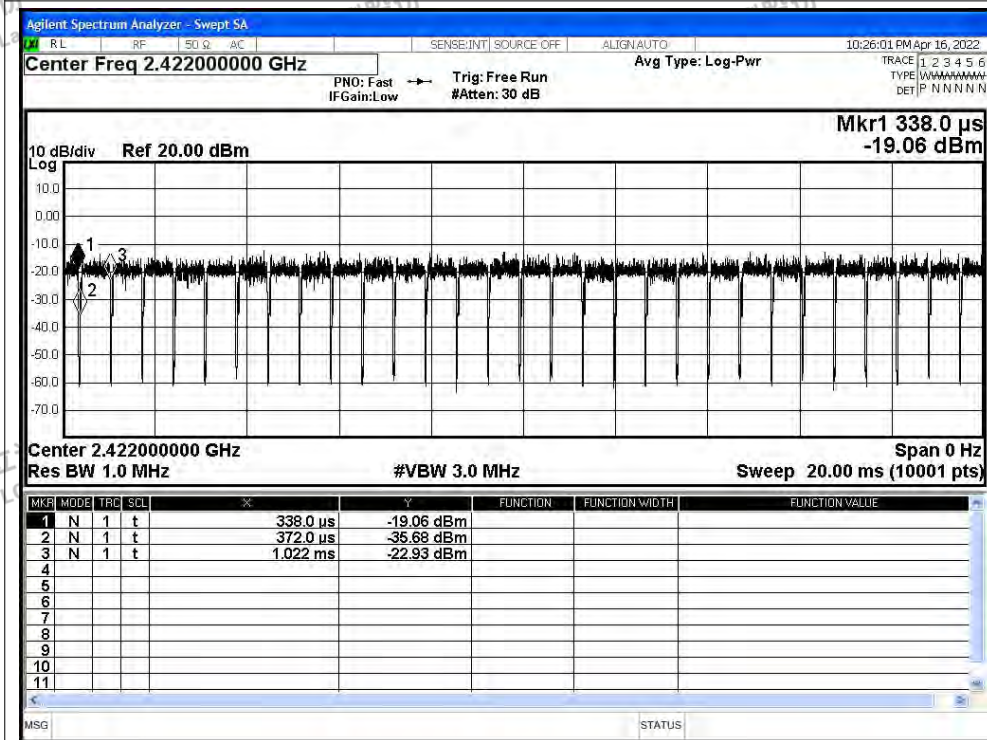
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant1



## Duty Cycle NVNT n40 2422MHz Ant1



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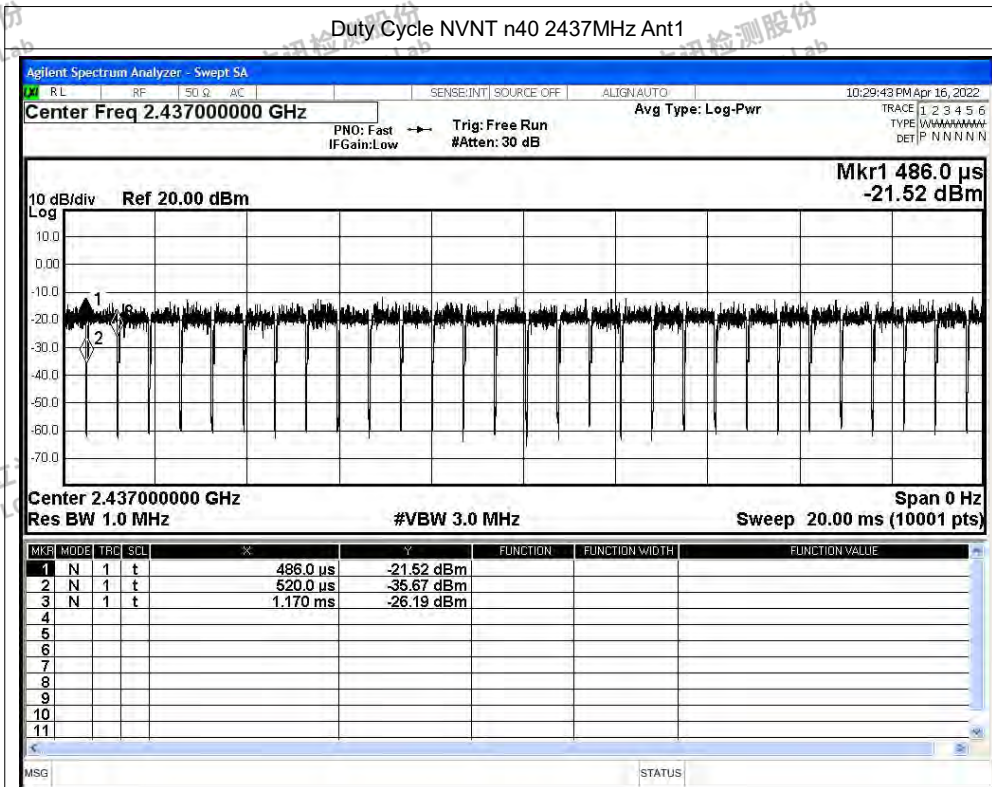
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

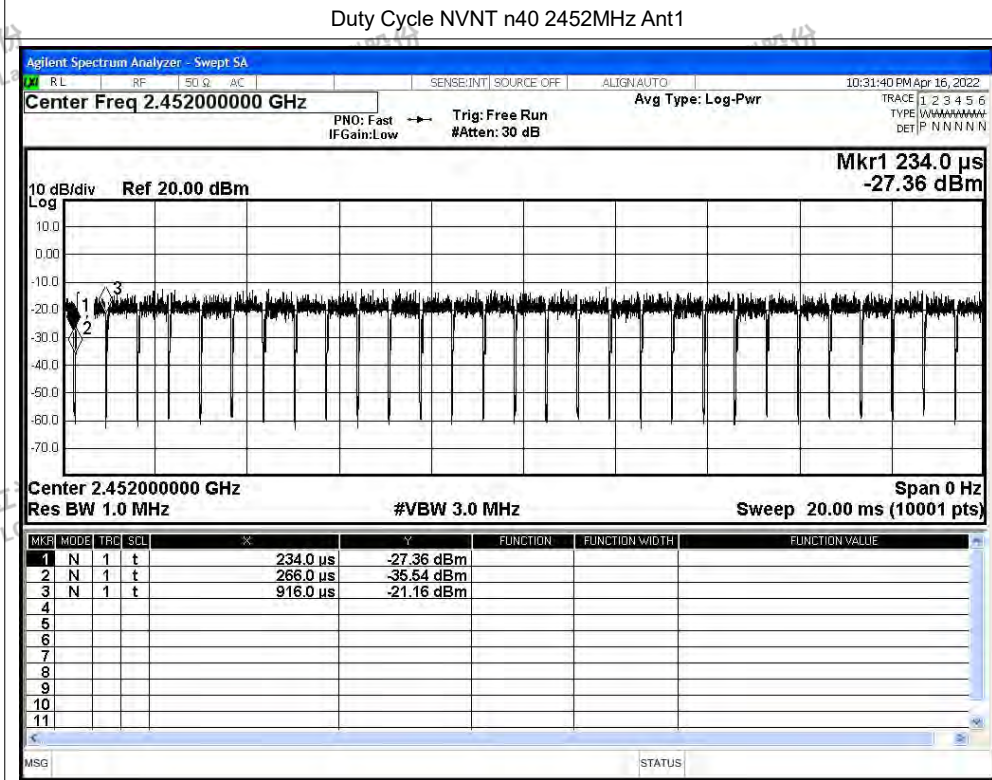
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## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1



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## C.7 Emissions in Restricted Bands

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | b    | 2412            | Ant1    | 2310            | -52.07      | 2          | 45.19      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -62.05      | 2          | 35.21      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2380.902        | -48.74      | 2          | 48.52      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2383.125        | -61.59      | 2          | 35.67      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -50.38      | 2          | 46.88      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -61.63      | 2          | 35.63      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -50.8       | 2          | 46.46      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -53.93      | 2          | 43.33      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2315.148        | -48.84      | 2          | 48.42      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2338.548        | -50.24      | 2          | 47.02      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -52.03      | 2          | 45.23      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -53.79      | 2          | 43.47      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -52.44      | 2          | 44.82      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -60.38      | 2          | 36.88      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2492.58         | -47.39      | 2          | 49.87      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2493.004        | -60.26      | 2          | 37         | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -50.54      | 2          | 46.72      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -60.43      | 2          | 36.83      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -53.07      | 2          | 44.19      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -61.52      | 2          | 35.74      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2380.317        | -48.44      | 2          | 48.82      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2382.54         | -60.61      | 2          | 36.65      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -51.47      | 2          | 45.79      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -60.61      | 2          | 36.65      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -51.55      | 2          | 45.71      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -60.23      | 2          | 37.03      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2499.364        | -47.79      | 2          | 49.47      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2484.153        | -60.19      | 2          | 37.07      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -48.89      | 2          | 48.37      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -60.57      | 2          | 36.69      | Average  | 54             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2310            | -51.59      | 2          | 45.67      | Peak     | 74             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2310            | -61.46      | 2          | 35.8       | Average  | 54             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2387.106        | -48.39      | 2          | 48.87      | Peak     | 74             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2389.52         | -60         | 2          | 37.26      | Average  | 54             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2390            | -51.92      | 2          | 45.34      | Peak     | 74             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2390            | -60.19      | 2          | 37.07      | Average  | 54             | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 2483.5          | -51.2       | 2          | 46.06      | Peak     | 74             | Pass    |



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|      |     |      |      |          |        |   |       |         |    |      |
|------|-----|------|------|----------|--------|---|-------|---------|----|------|
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -60.15 | 2 | 37.11 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2485.96  | -47.02 | 2 | 50.24 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2489.314 | -59.75 | 2 | 37.51 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -52.26 | 2 | 45    | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -60.52 | 2 | 36.74 | Average | 54 | Pass |



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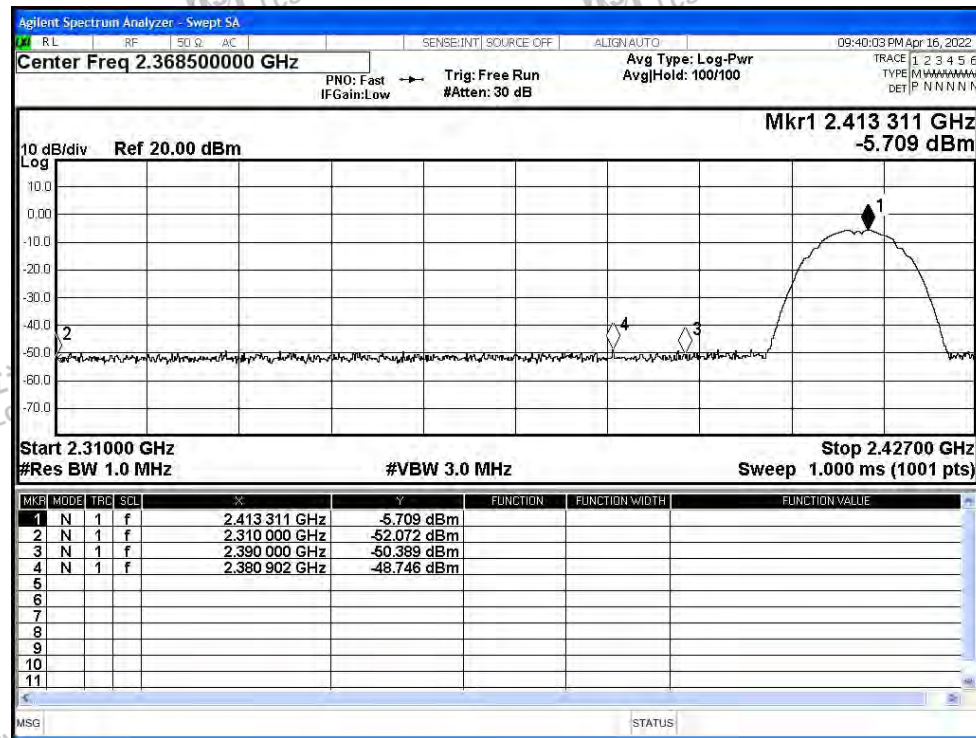
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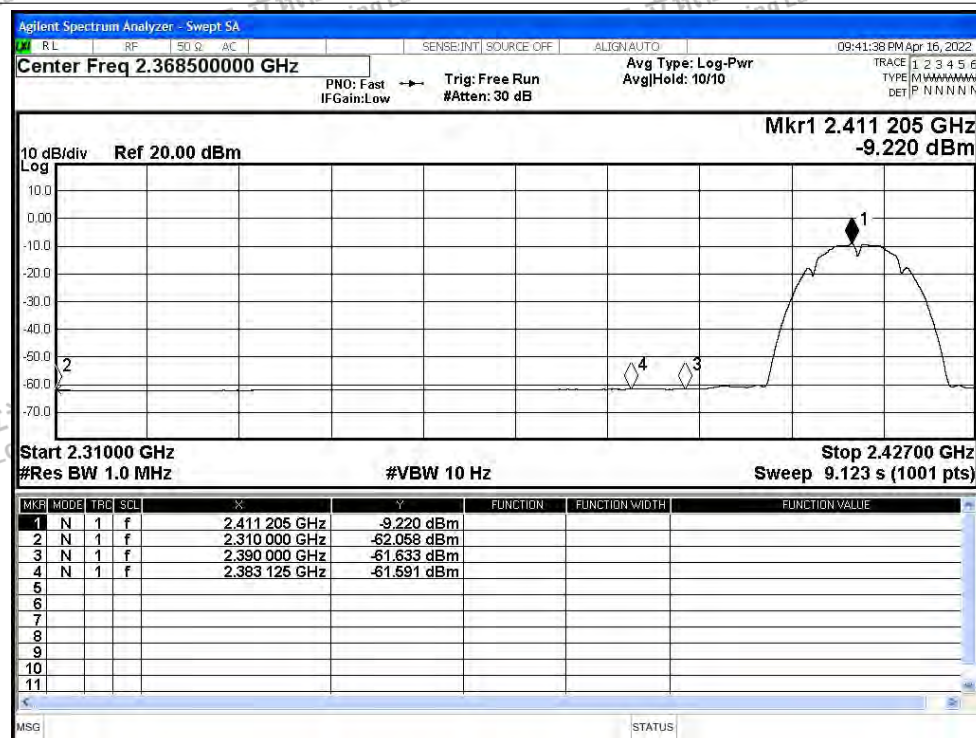


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak



## Restrict Band NVNT b 2412MHz Ant1 Average



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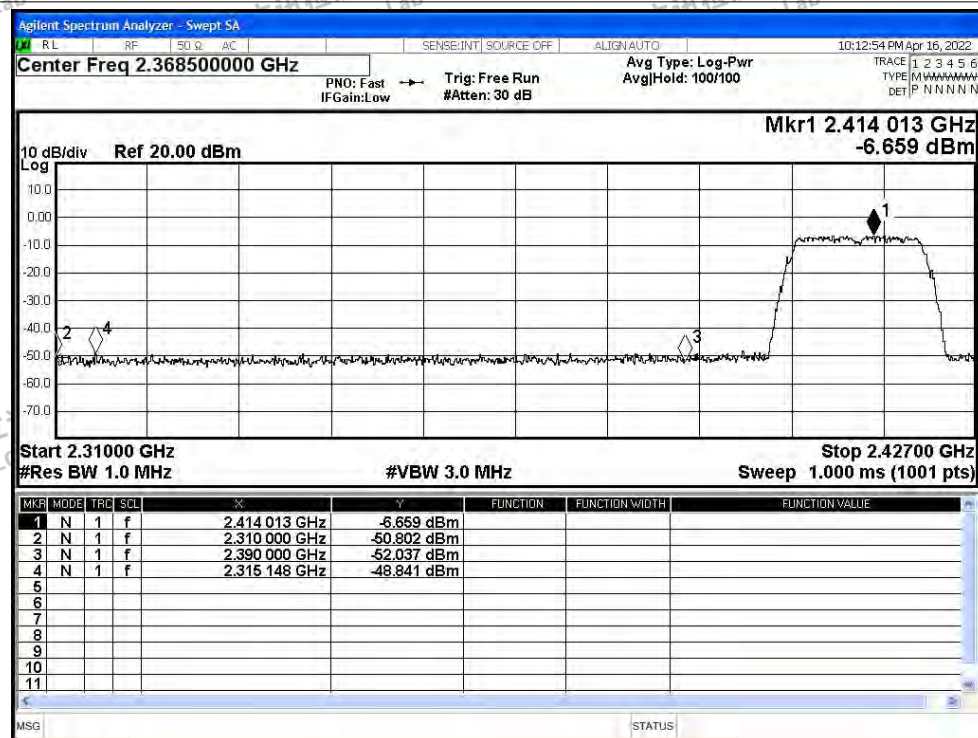
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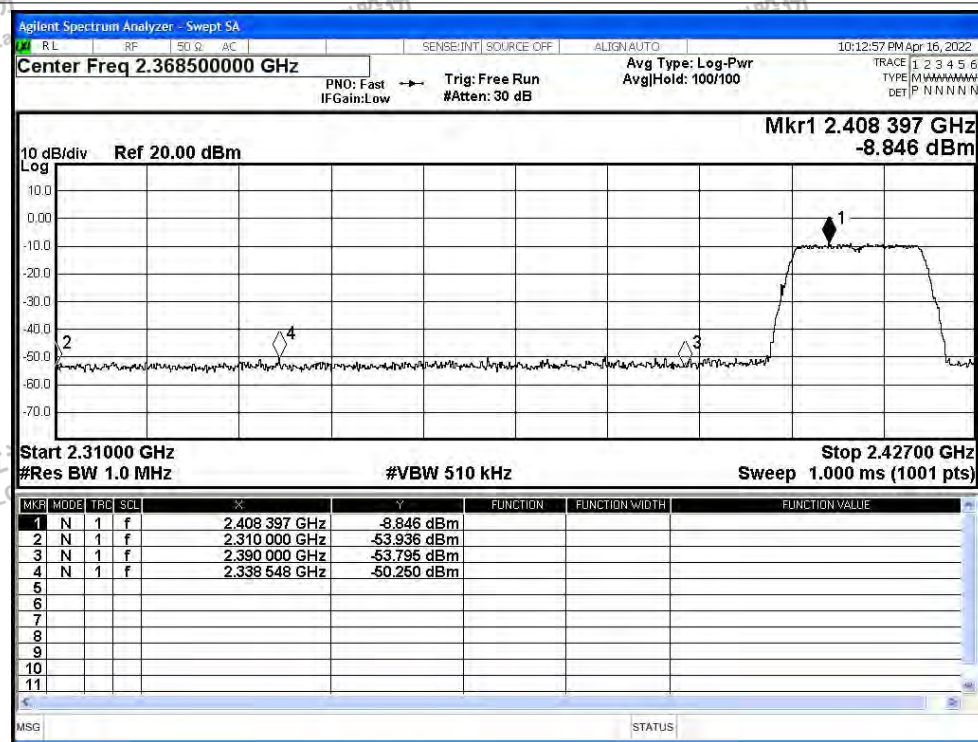
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## Restrict Band NVNT g 2412MHz Ant1 Peak



## Restrict Band NVNT g 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

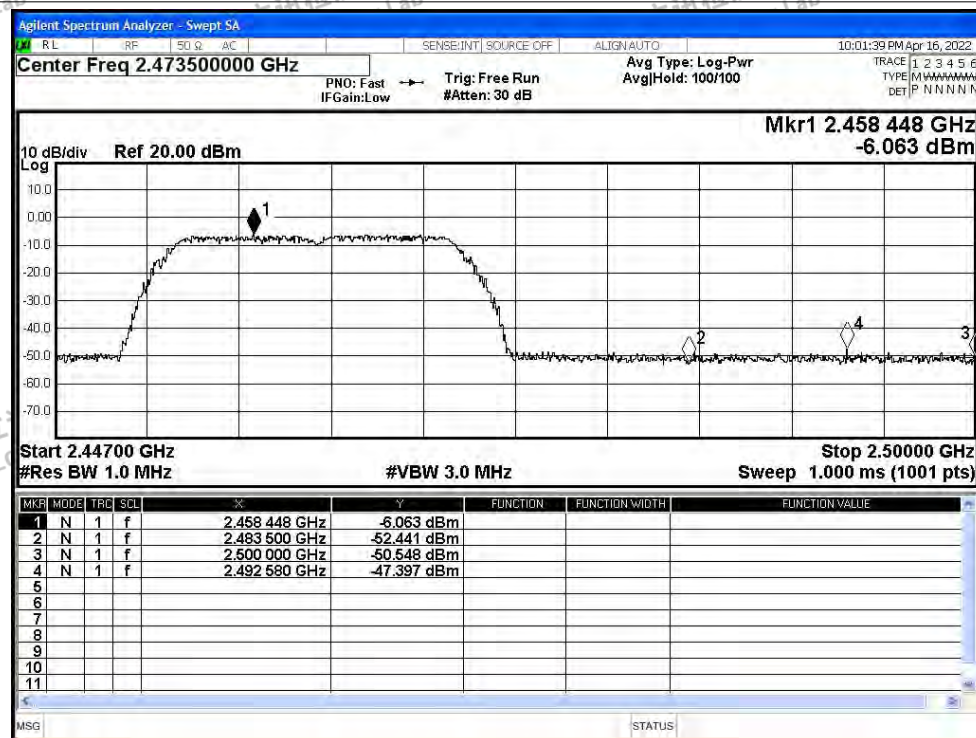
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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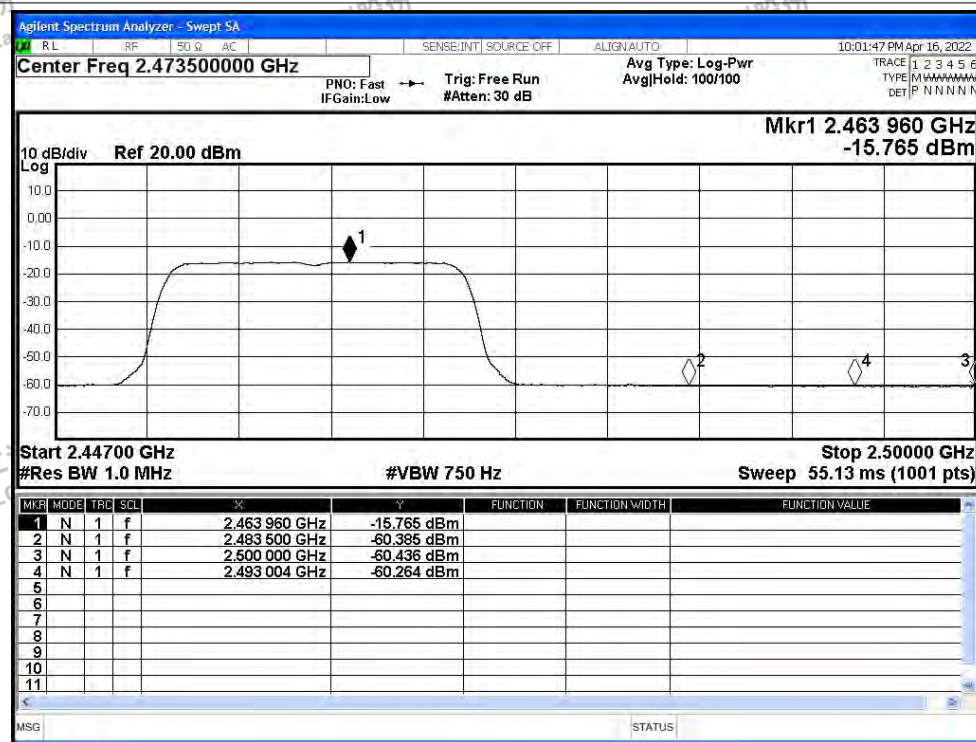
Scan code to check authenticity



## Restrict Band NVNT g 2462MHz Ant1 Peak



## Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

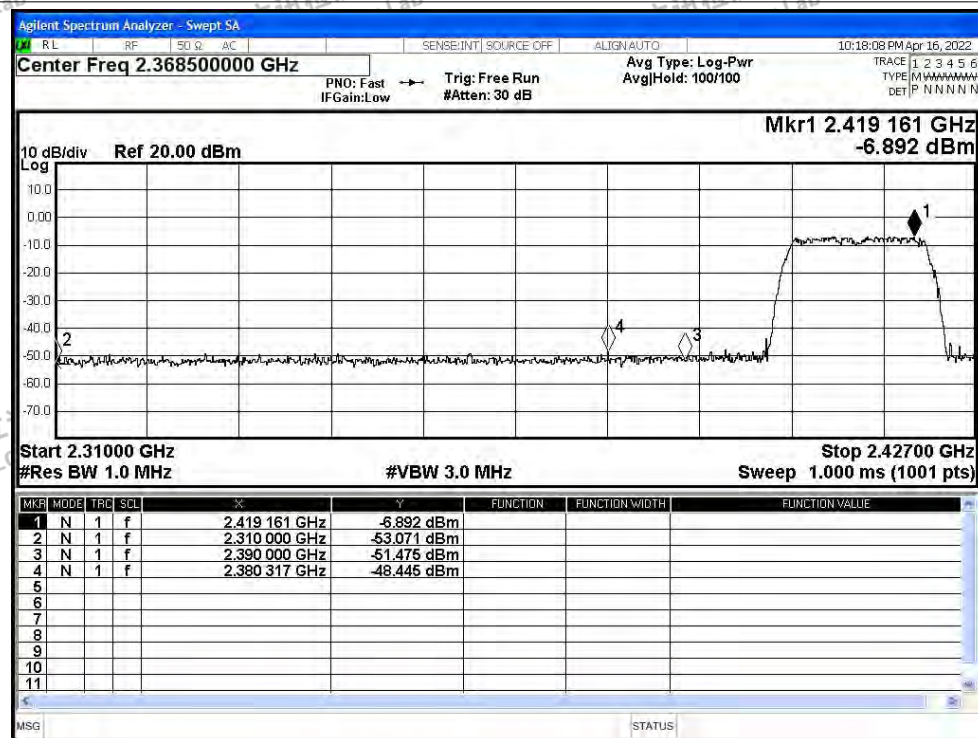
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

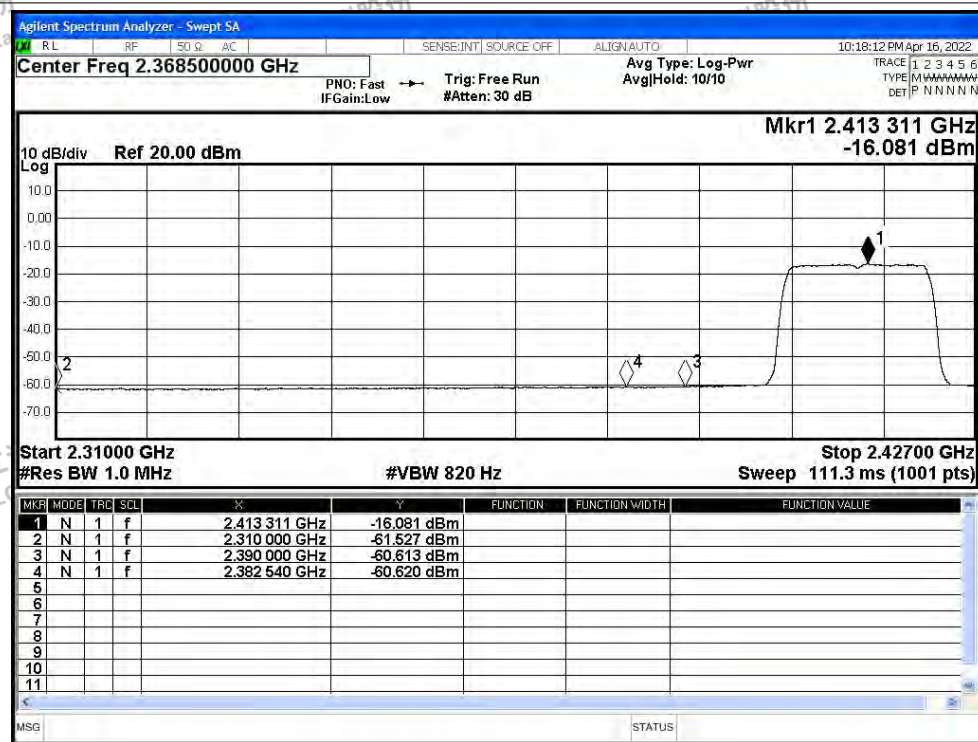
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## Restrict Band NVNT n20 2412MHz Ant1 Peak



## Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

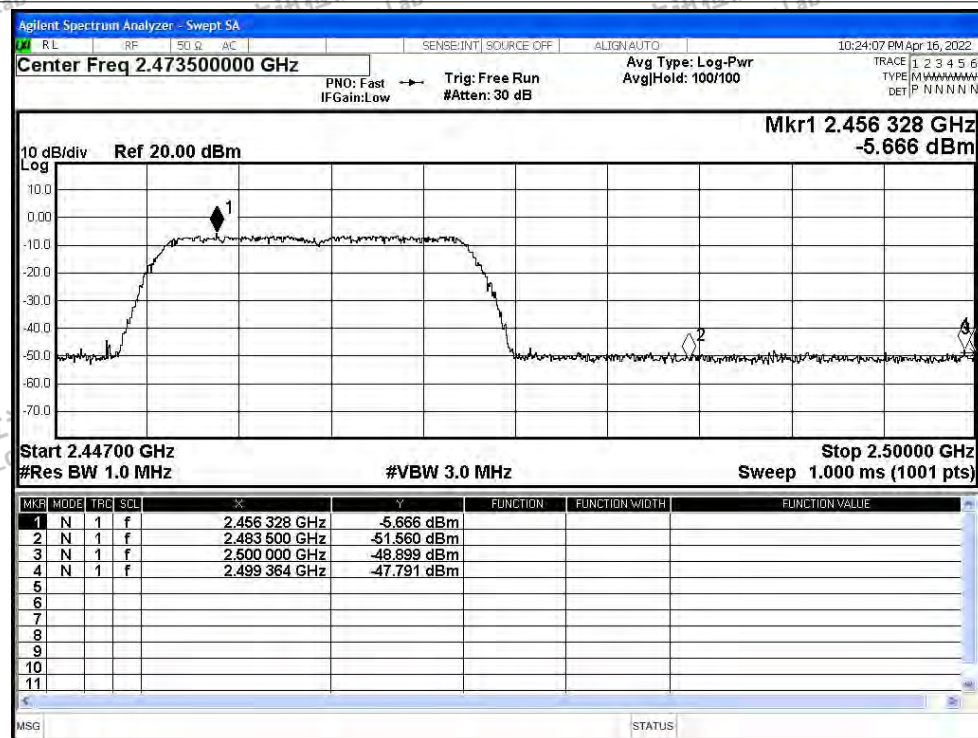
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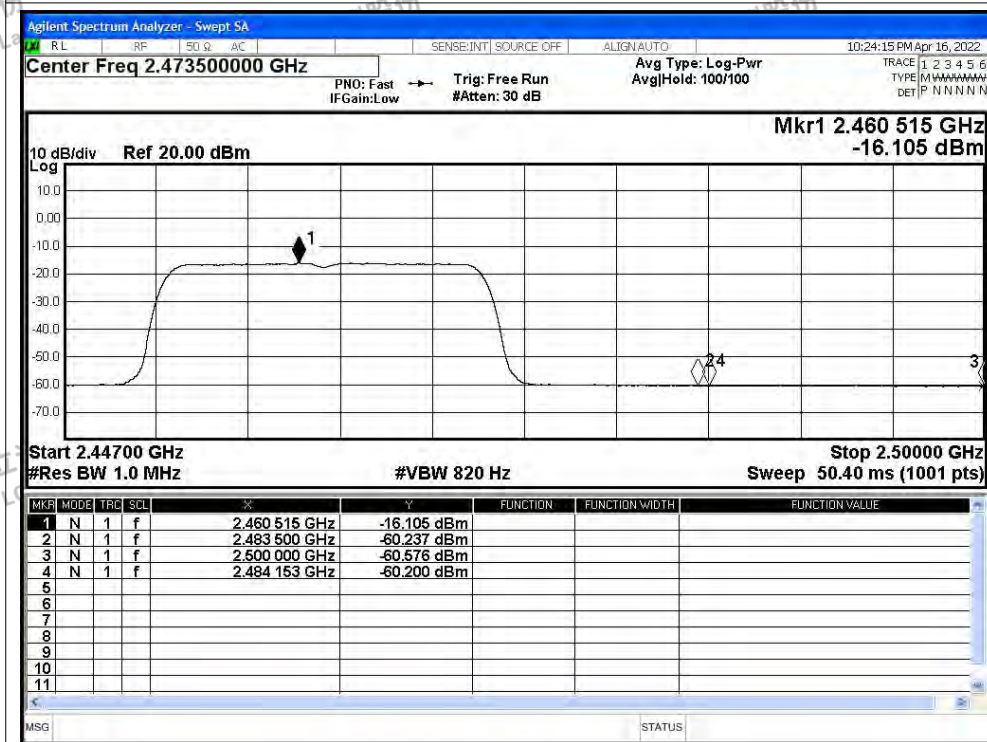
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## Restrict Band NVNT n20 2462MHz Ant1 Peak



## Restrict Band NVNT n20 2462MHz Ant1 Average



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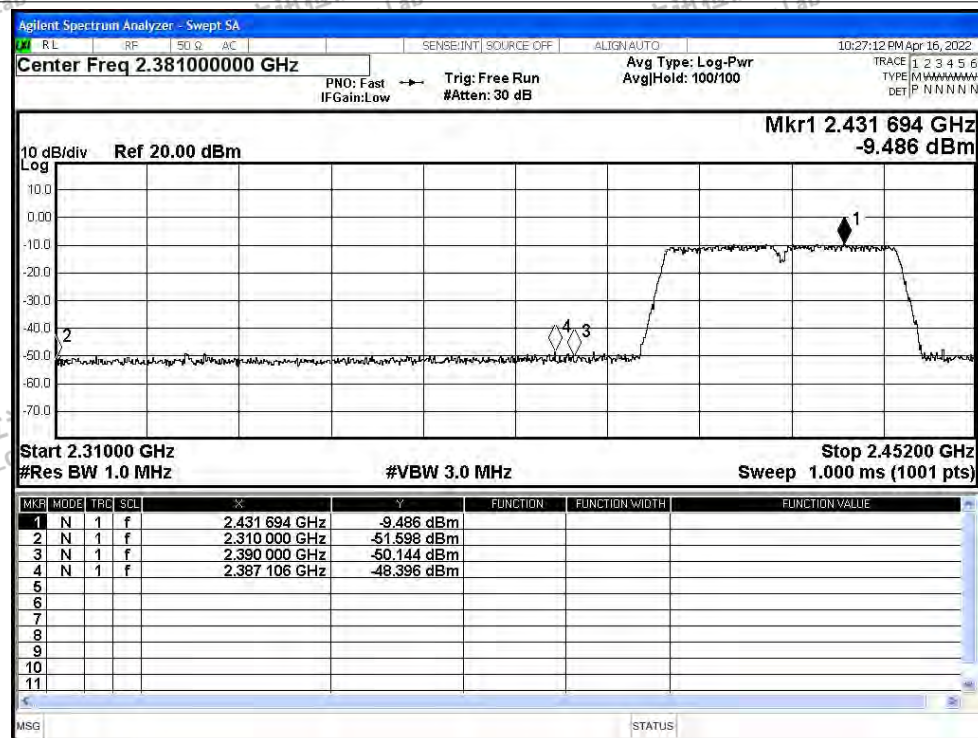
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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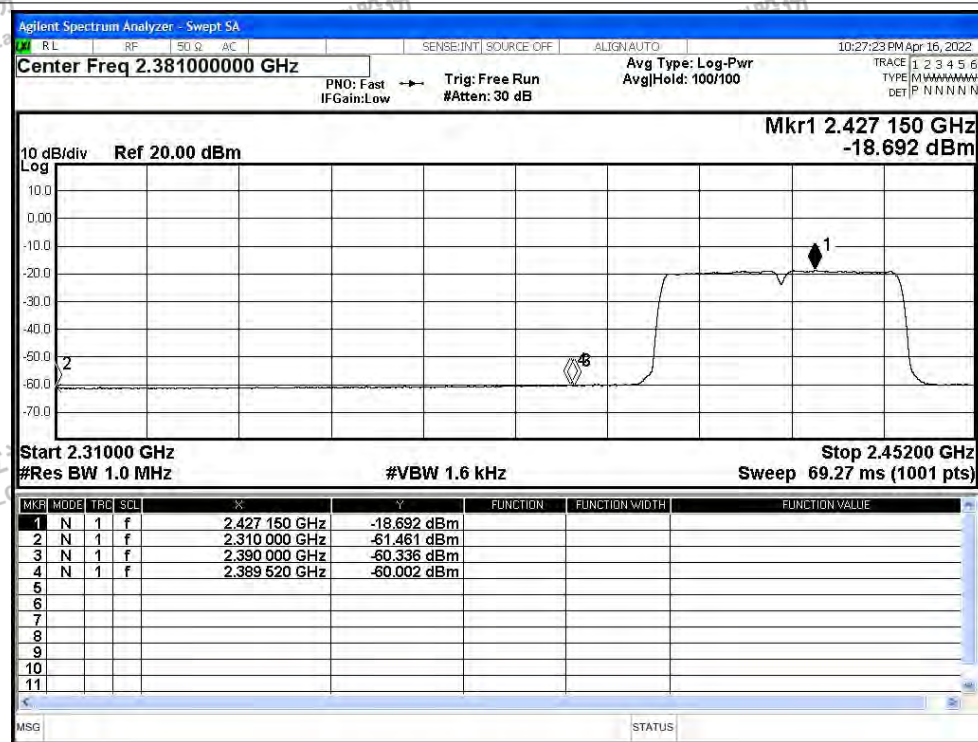
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## Restrict Band NVNT n40 2422MHz Ant1 Peak



## Restrict Band NVNT n40 2422MHz Ant1 Average



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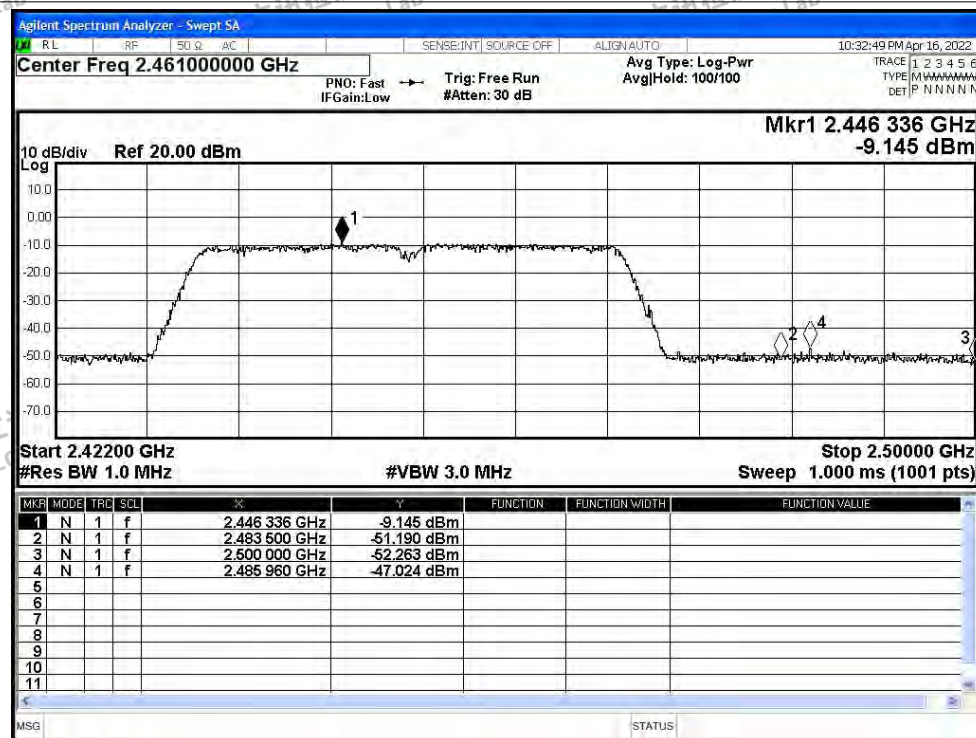
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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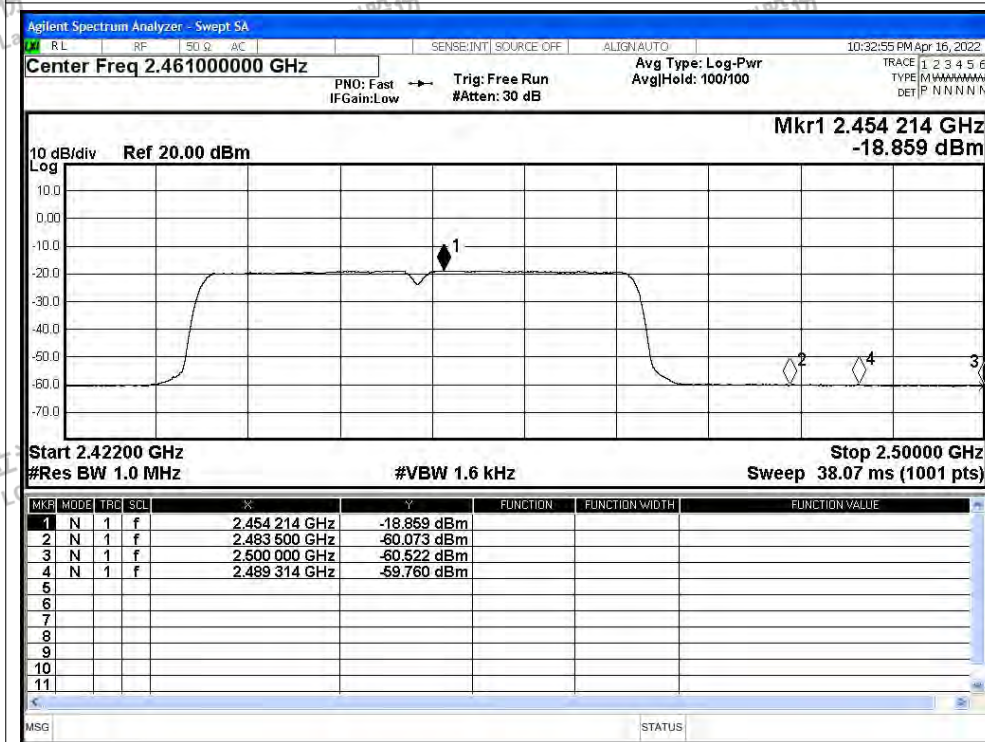
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## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz Ant1 Average



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