



## Appendix C

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

Product Name: 4G Phone

Test Model: SmartVision3 – KAP22000

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8° C   |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Taylor Hu |





## C.1 -6dB Bandwidth

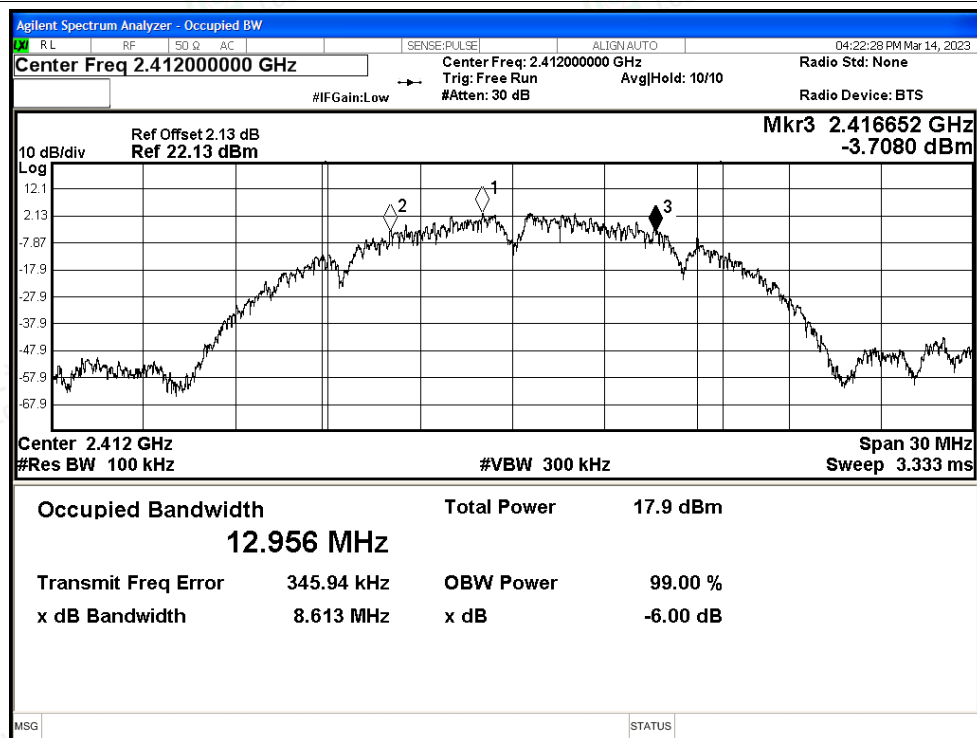
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 8.613                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant1    | 8.096                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant1    | 7.548                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant1    | 10.911                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.401                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant1    | 12.05                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 16.293                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.25                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 14.726                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 18.853                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.338                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 26.275                | $\geq 0.5$                  | Pass    |



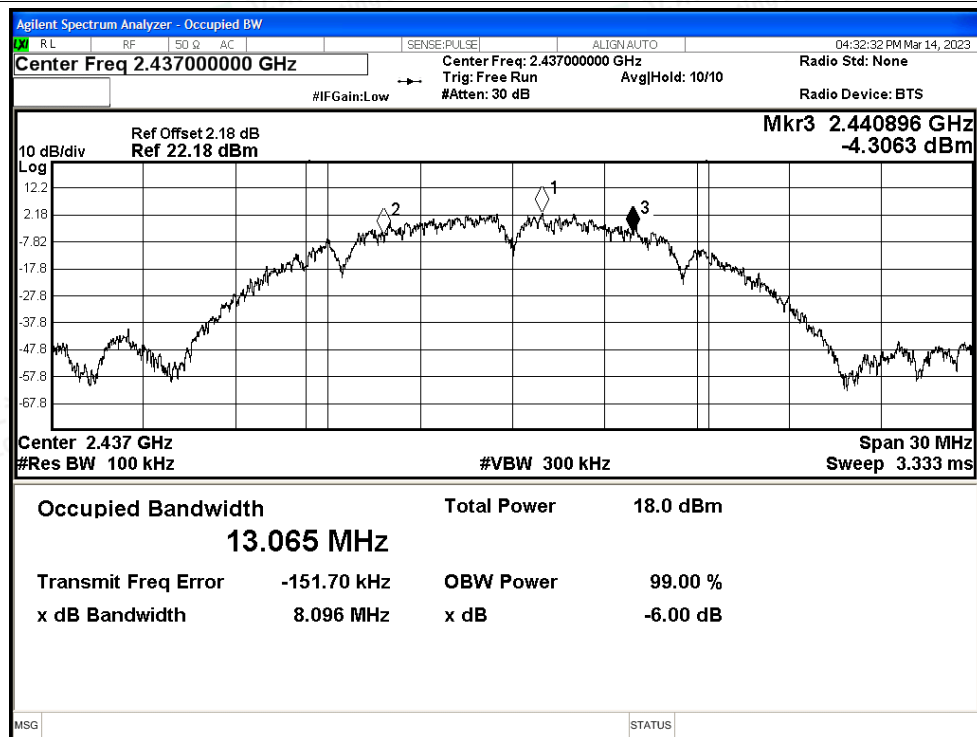


## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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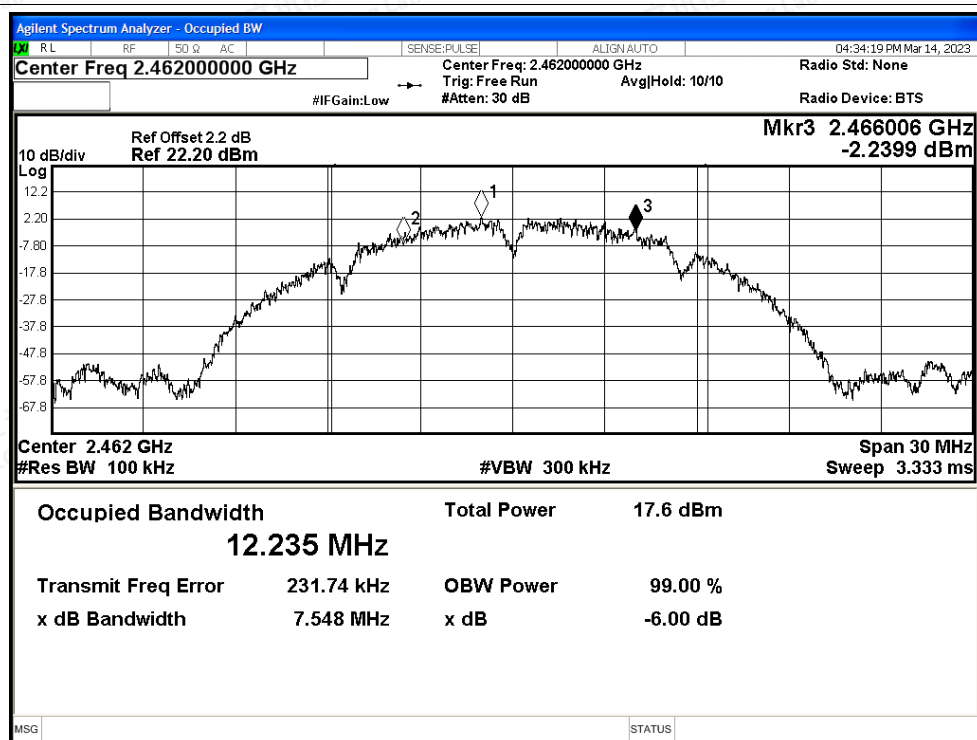
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

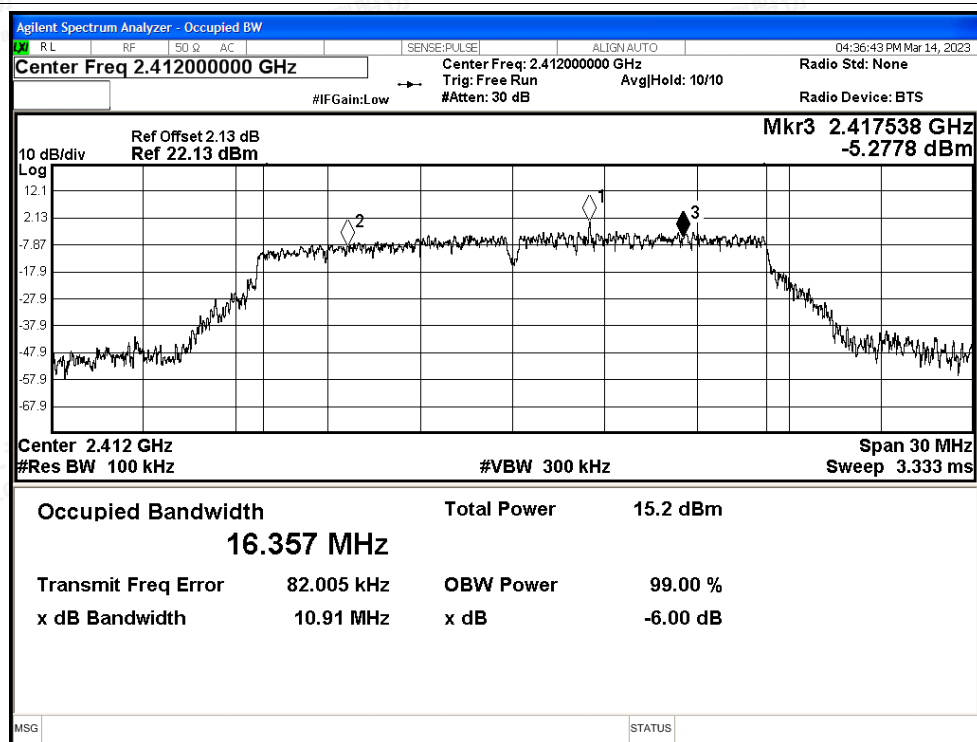
Scan code to check authenticity



-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



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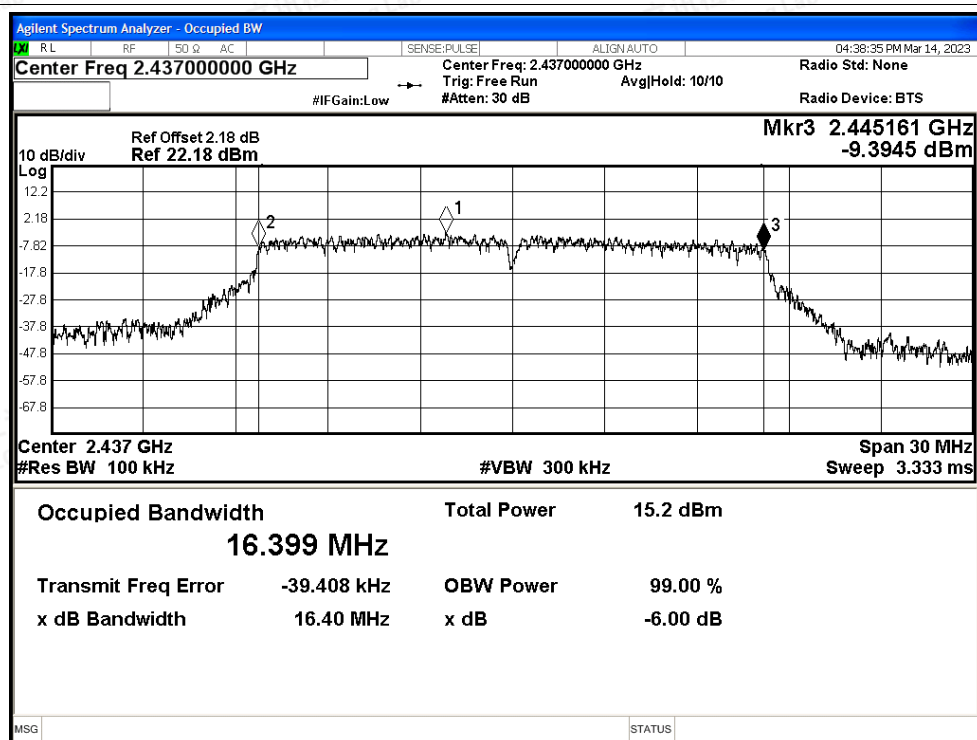
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

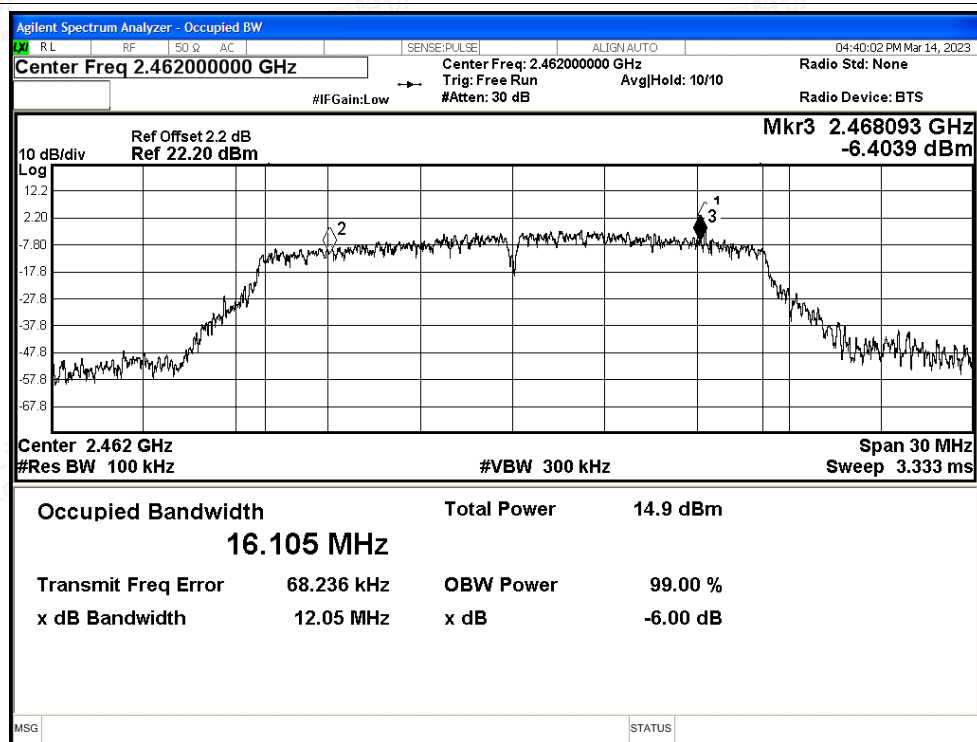
Scan code to check authenticity



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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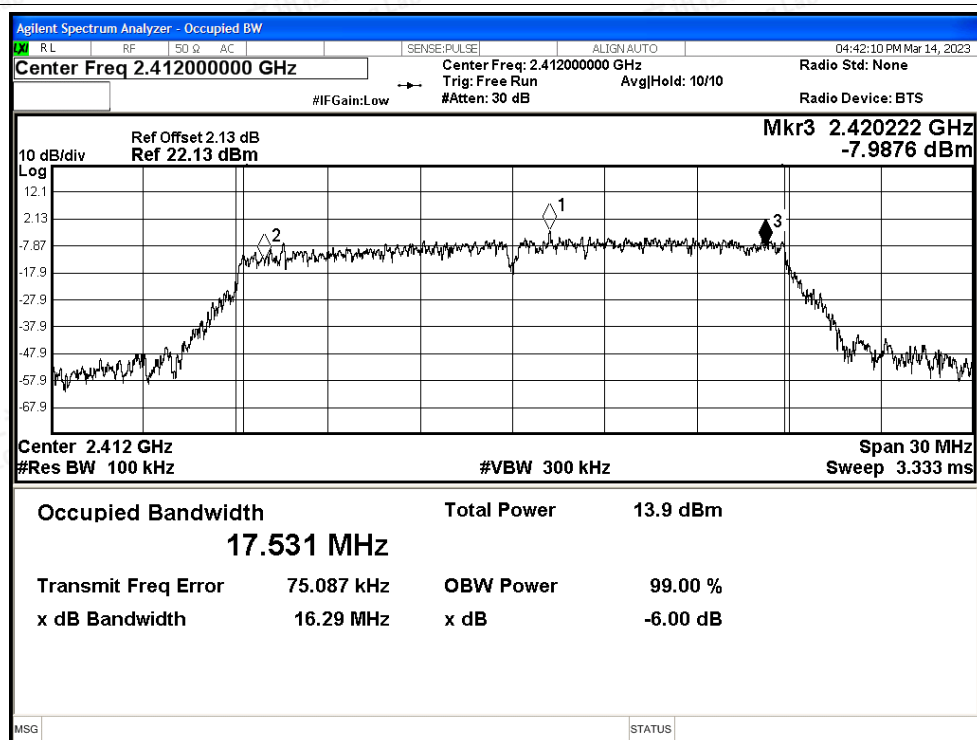
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

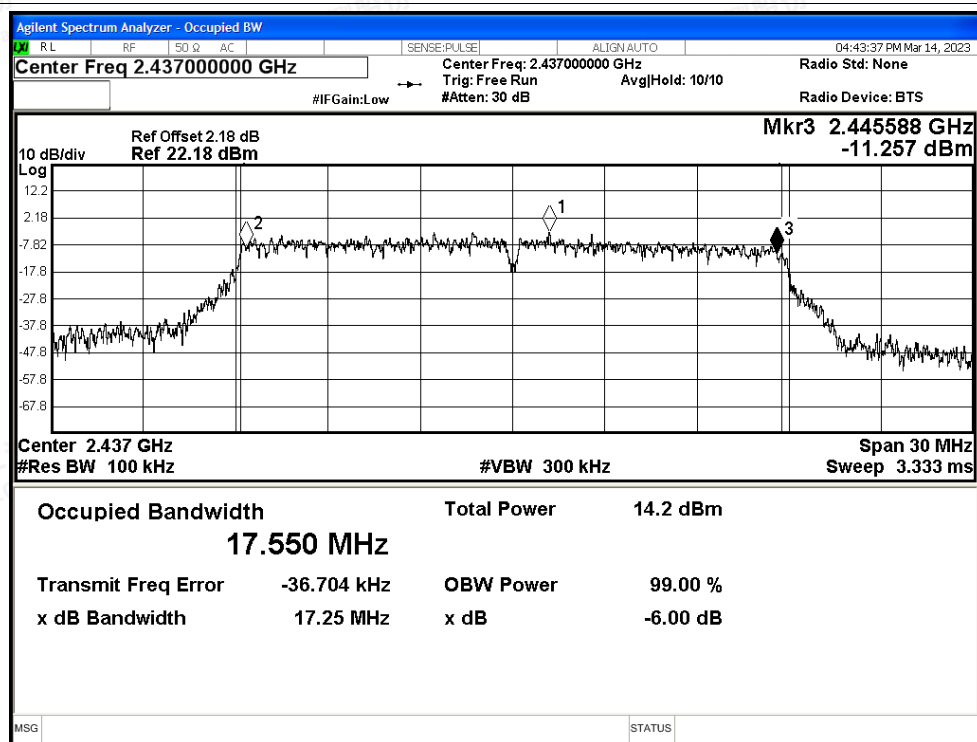
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



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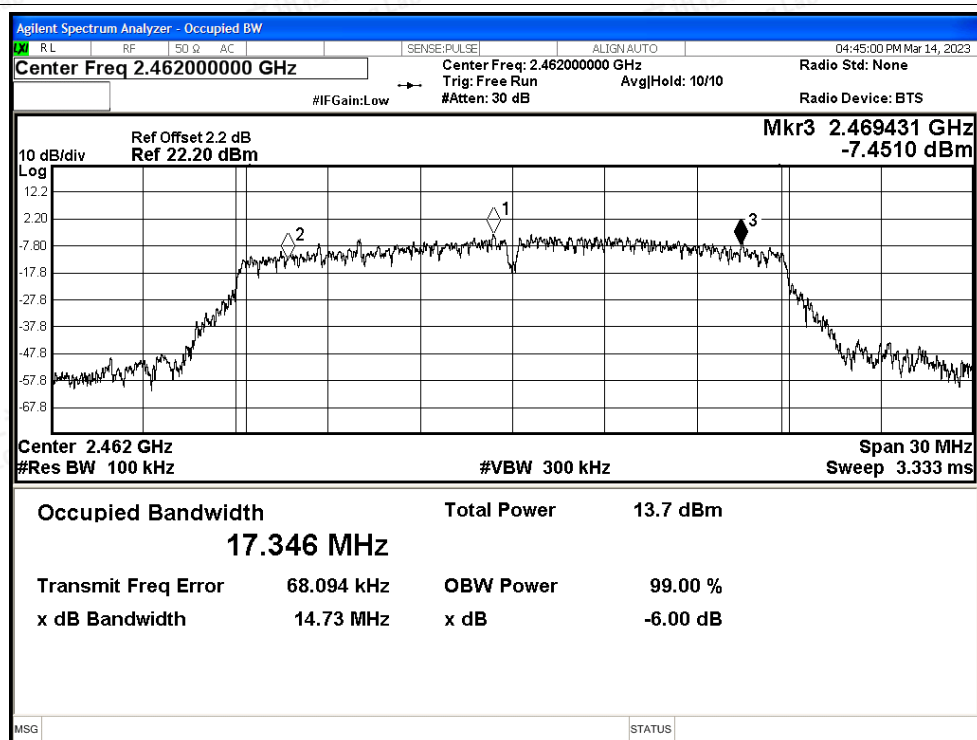
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

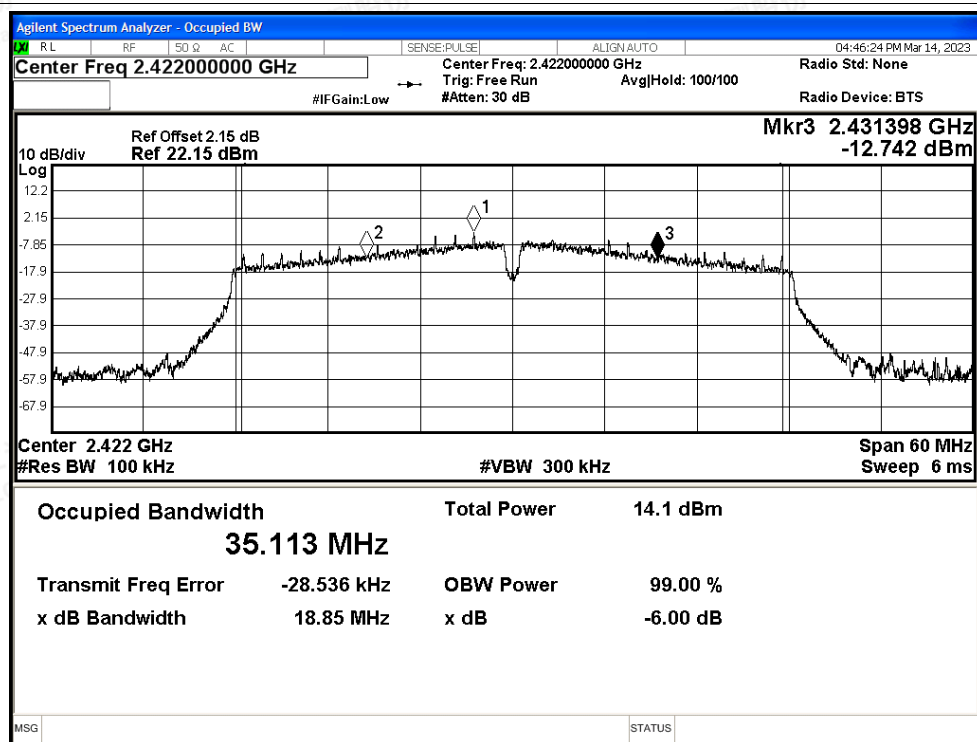
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



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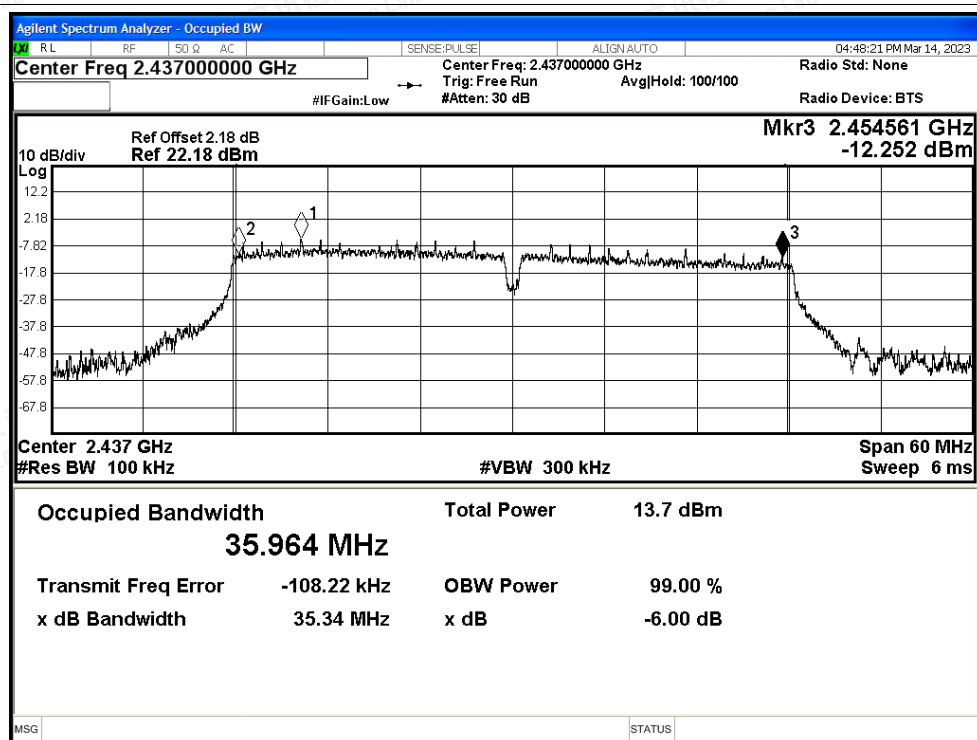
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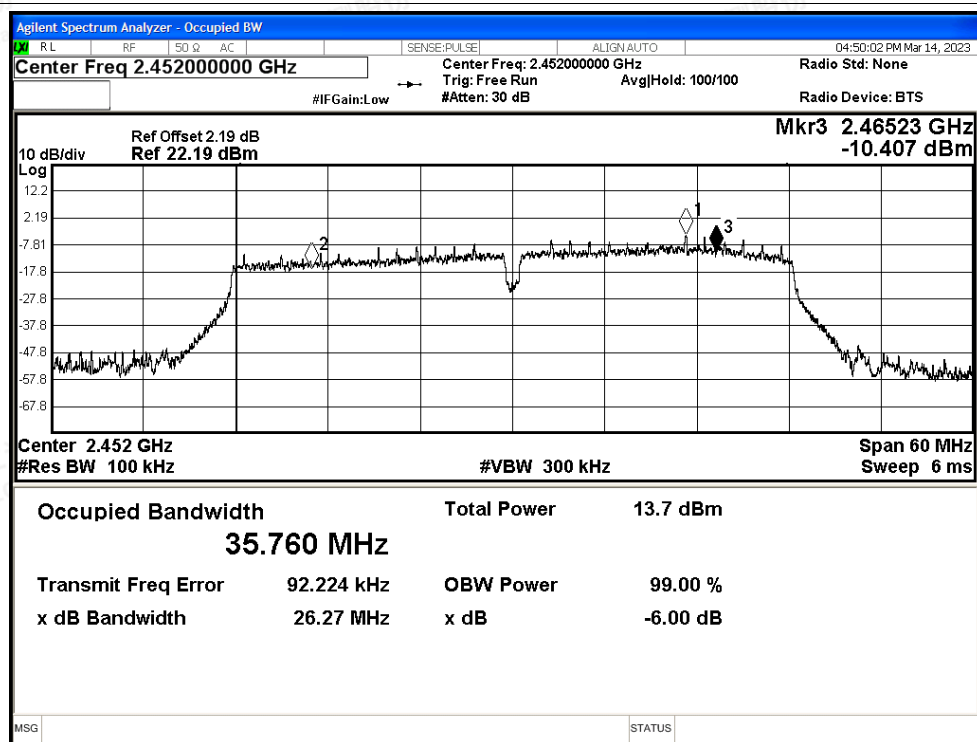
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-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1



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## C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 14.54                 | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 14.29                 | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 14.27                 | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 13.94                 | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 13.84                 | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 13.41                 | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 12.55                 | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 12.98                 | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 14.15                 | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 12.7                  | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 12.36                 | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 12.16                 | 30          | Pass    |



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### C.3 Maximum Power Spectral Density Level

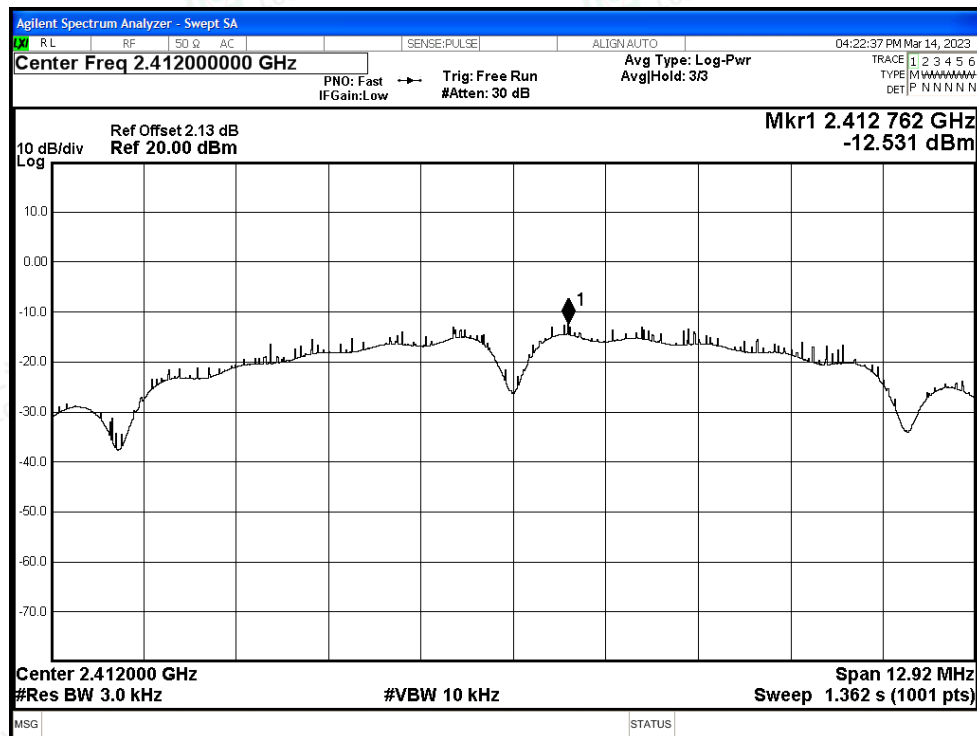
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -12.53                   | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -12.03                   | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -12.22                   | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -15.29                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -15.94                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -14.46                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -14.4                    | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -14.91                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -15.56                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -19.35                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -20.46                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -19.04                   | 8                | Pass    |



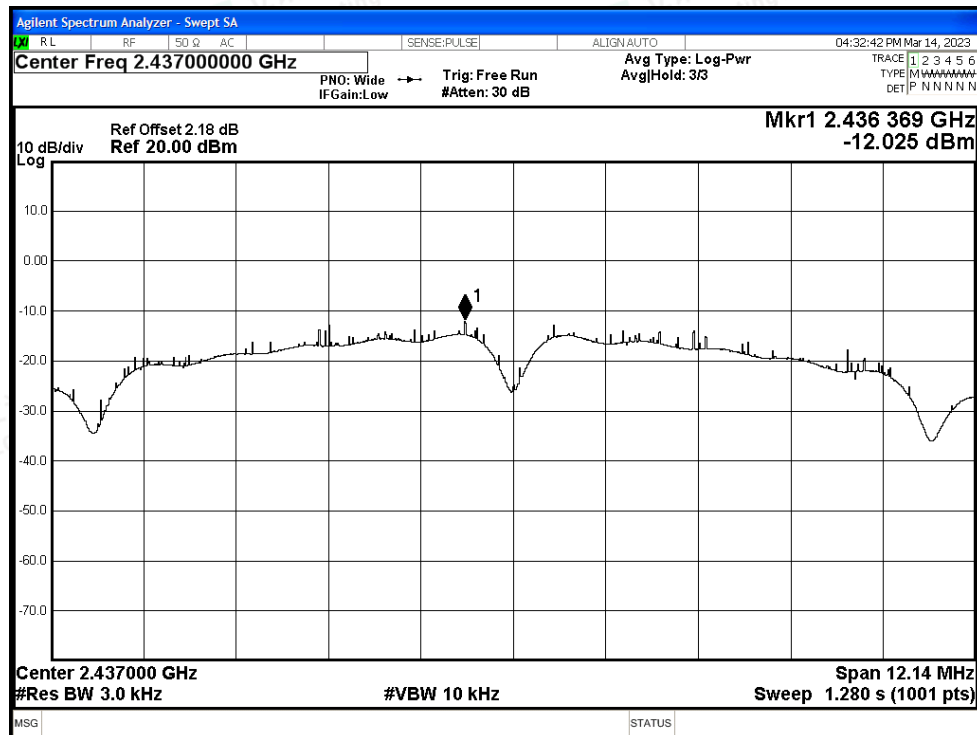


## Test Graphs

PSD NVNT b 2412MHz Ant1

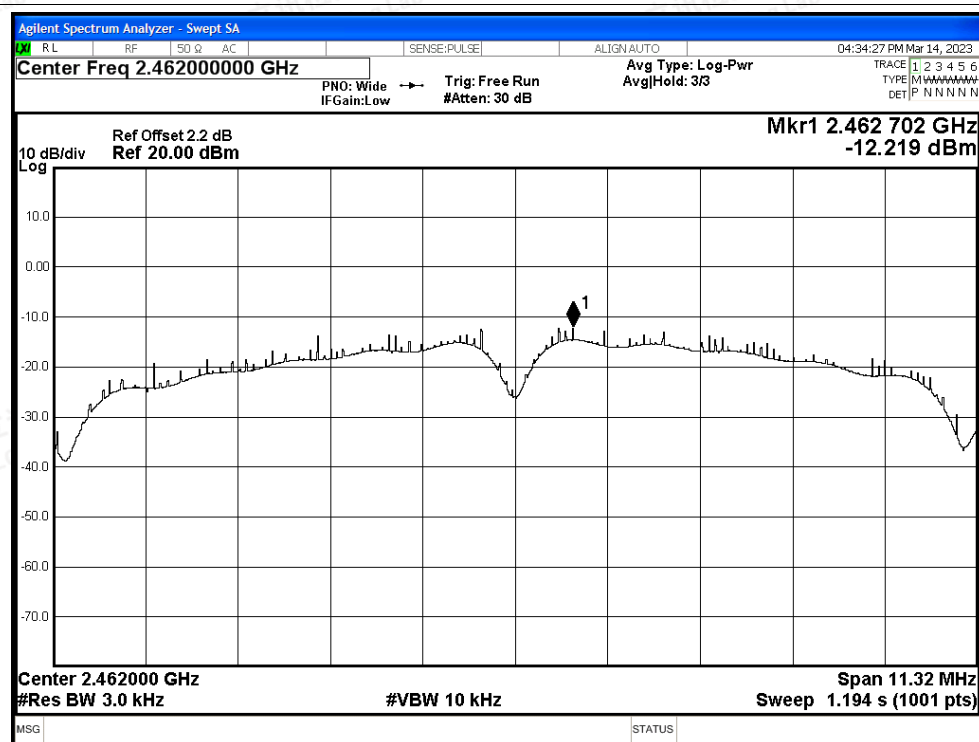


PSD NVNT b 2437MHz Ant1

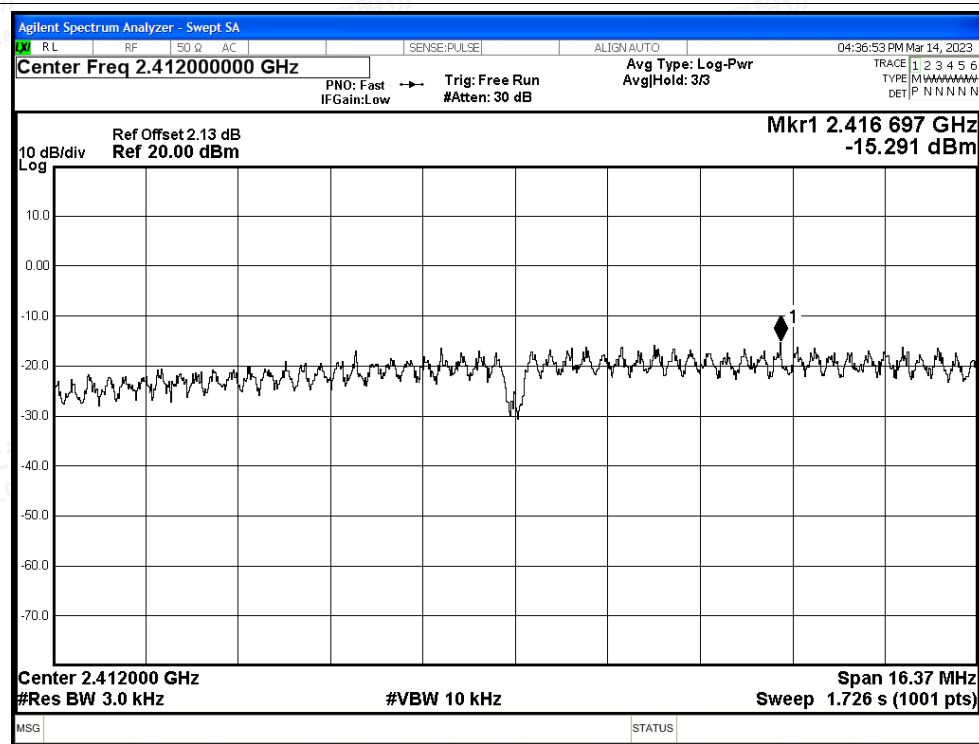




## PSD NVNT b 2462MHz Ant1



## PSD NVNT g 2412MHz Ant1



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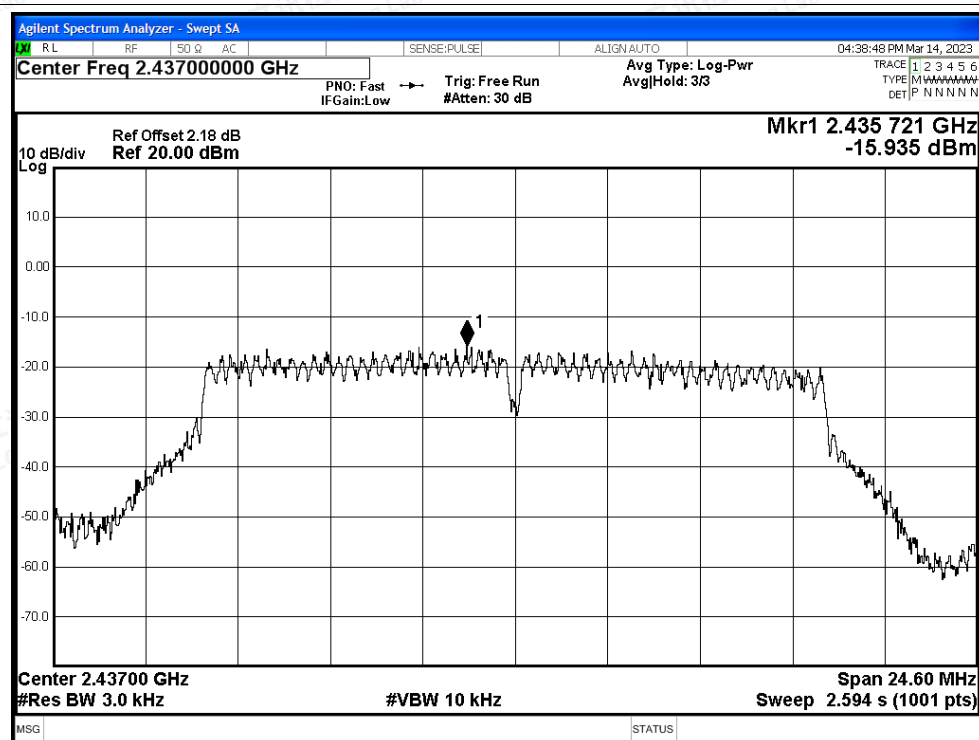
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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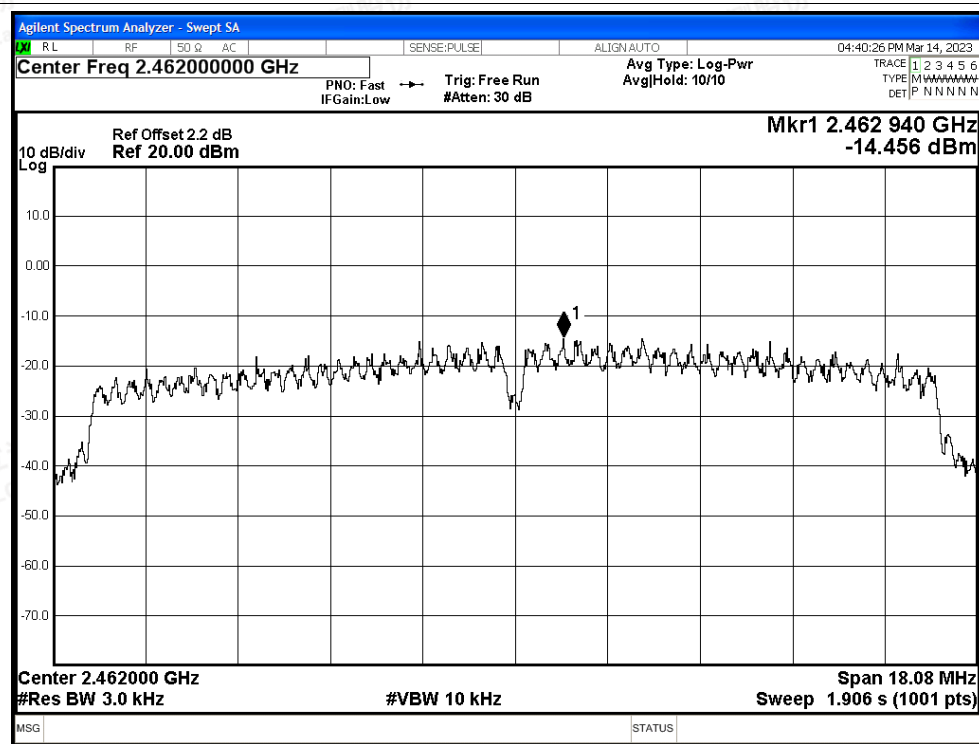
Scan code to check authenticity



## PSD NVNT g 2437MHz Ant1



## PSD NVNT g 2462MHz Ant1

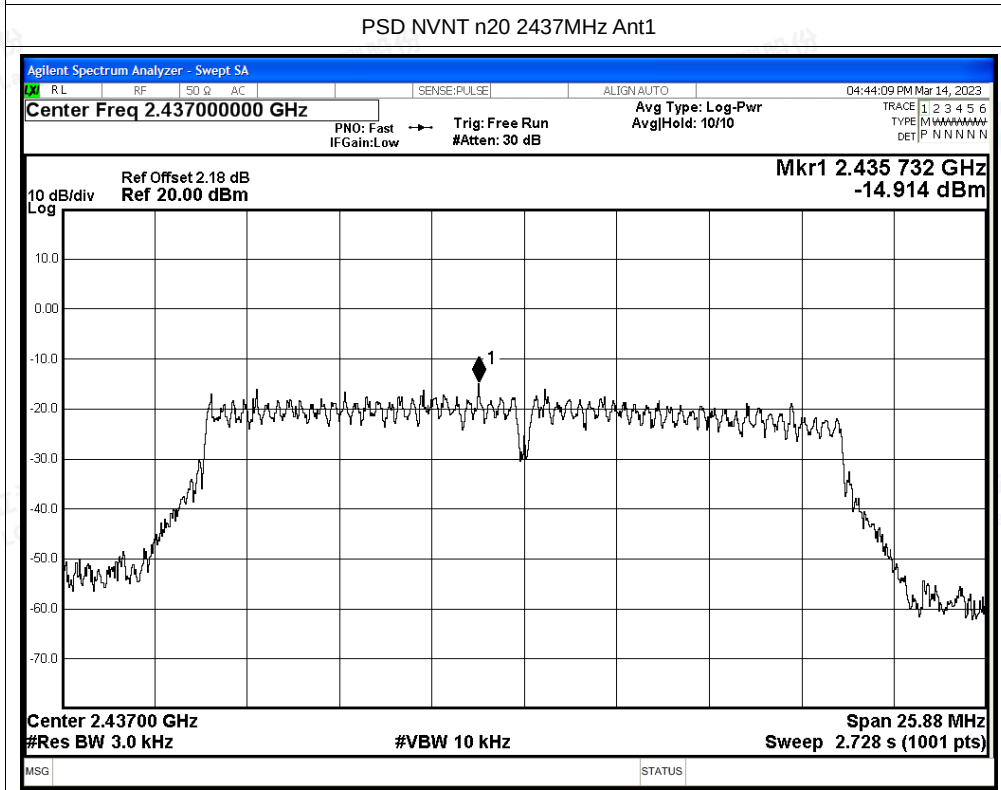
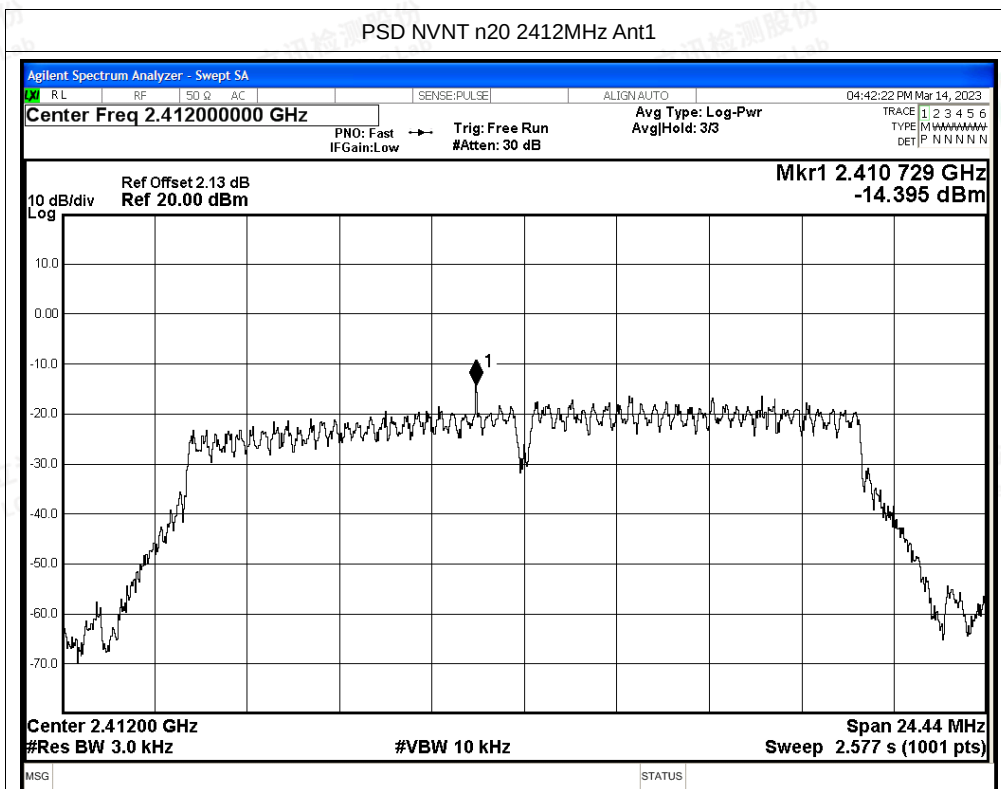


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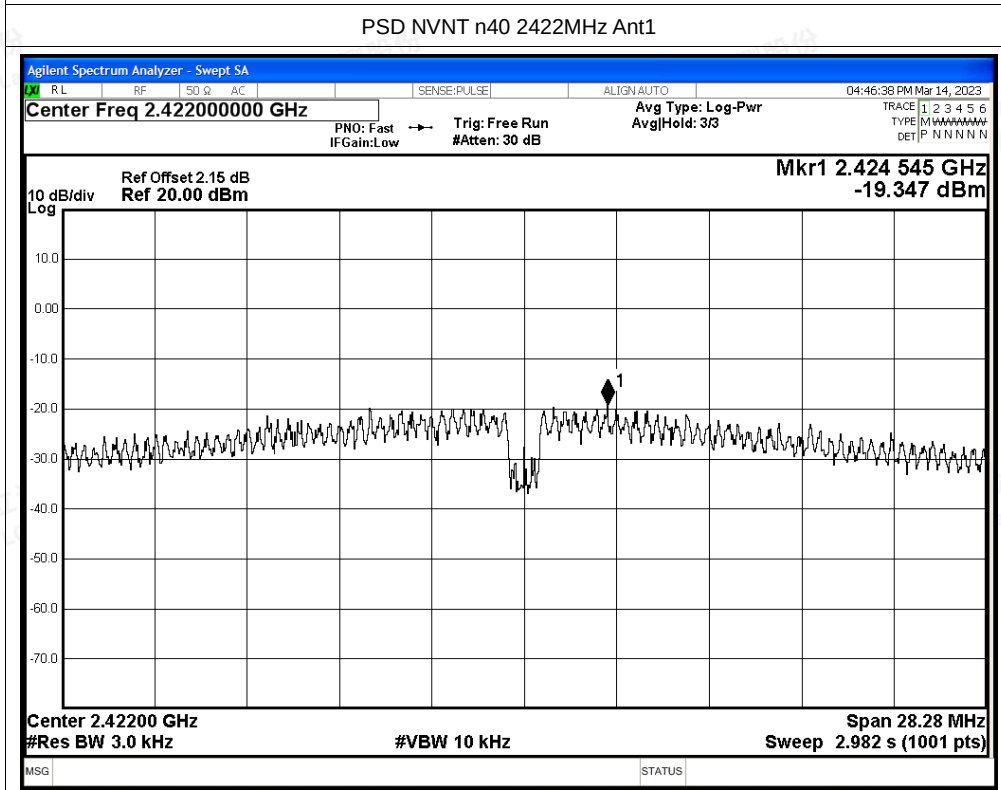
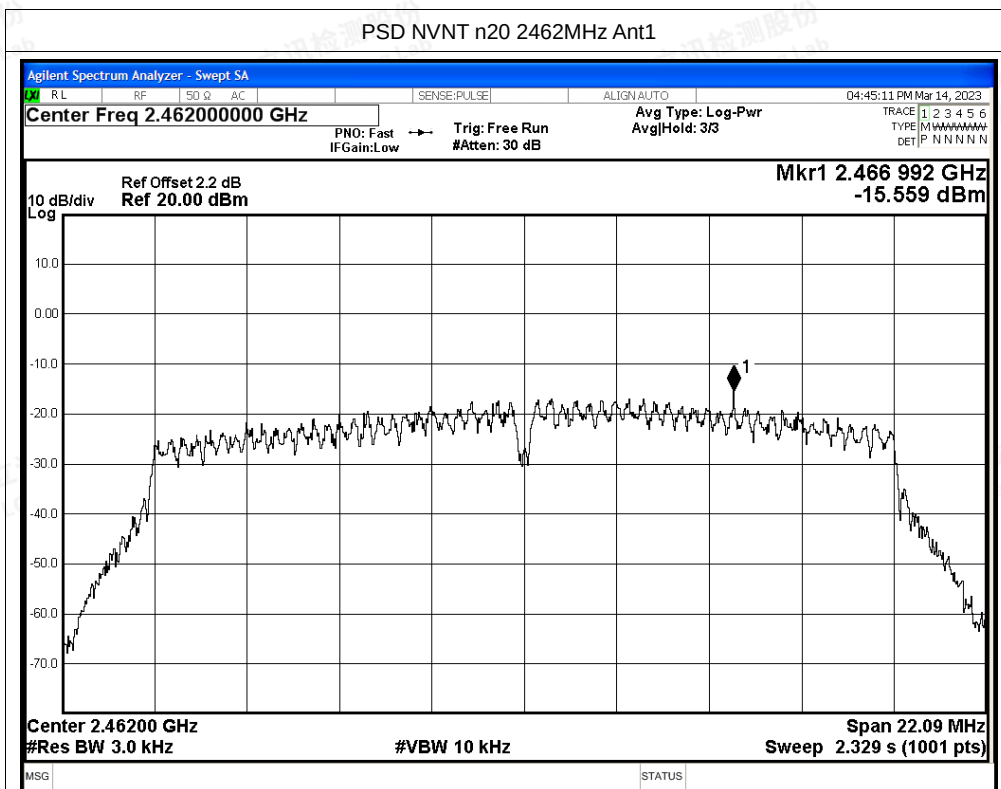


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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

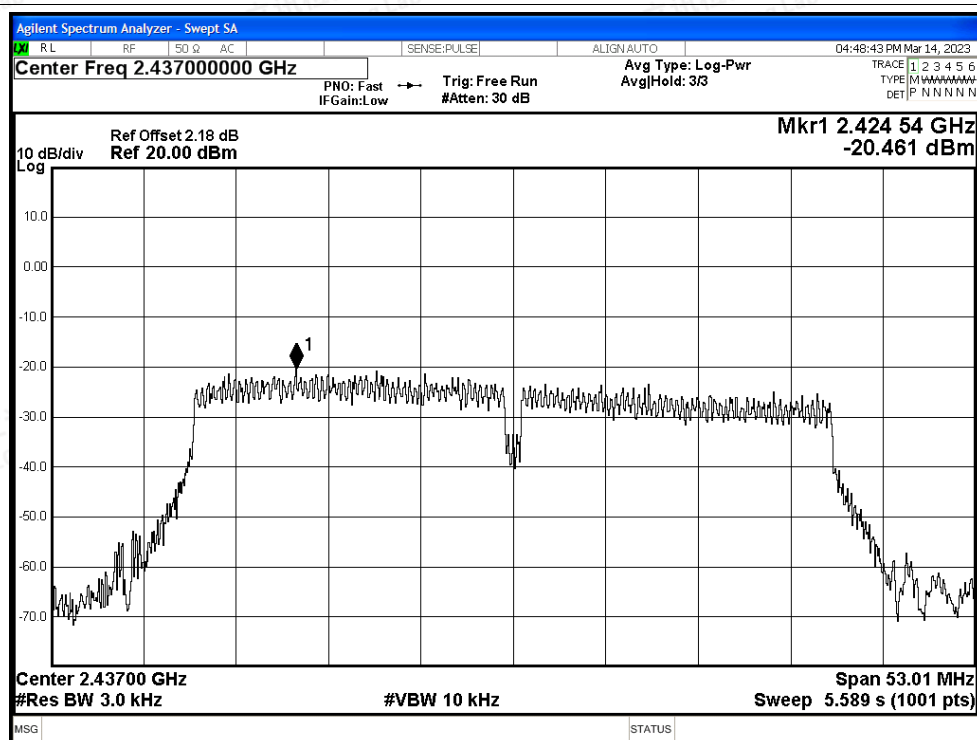
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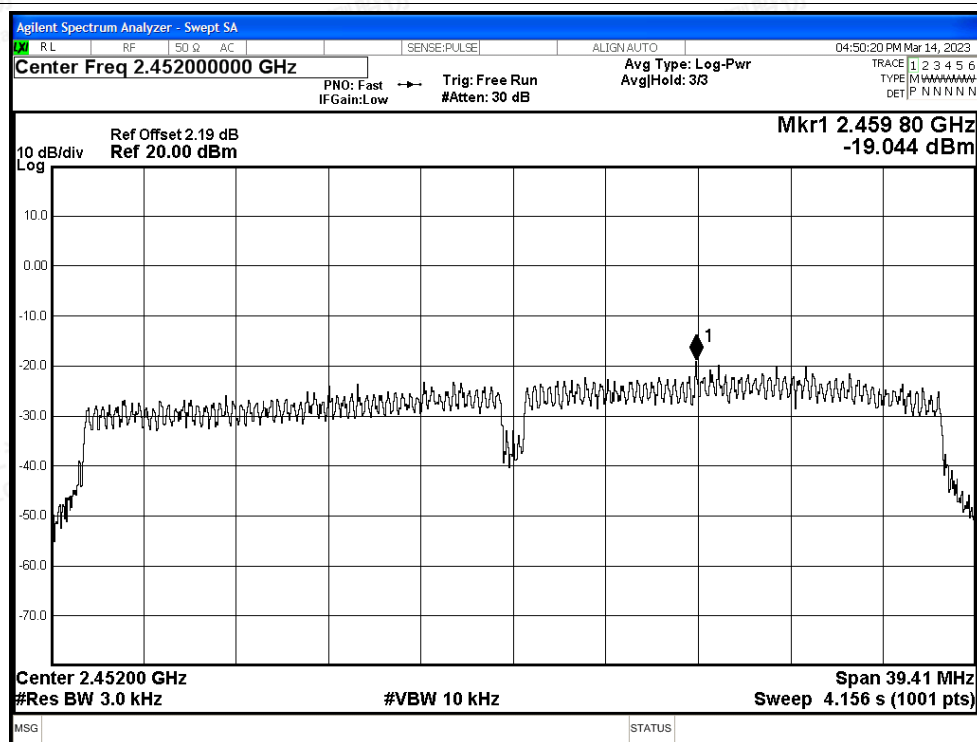




## PSD NVNT n40 2437MHz Ant1



## PSD NVNT n40 2452MHz Ant1



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## C.4 Band Edge

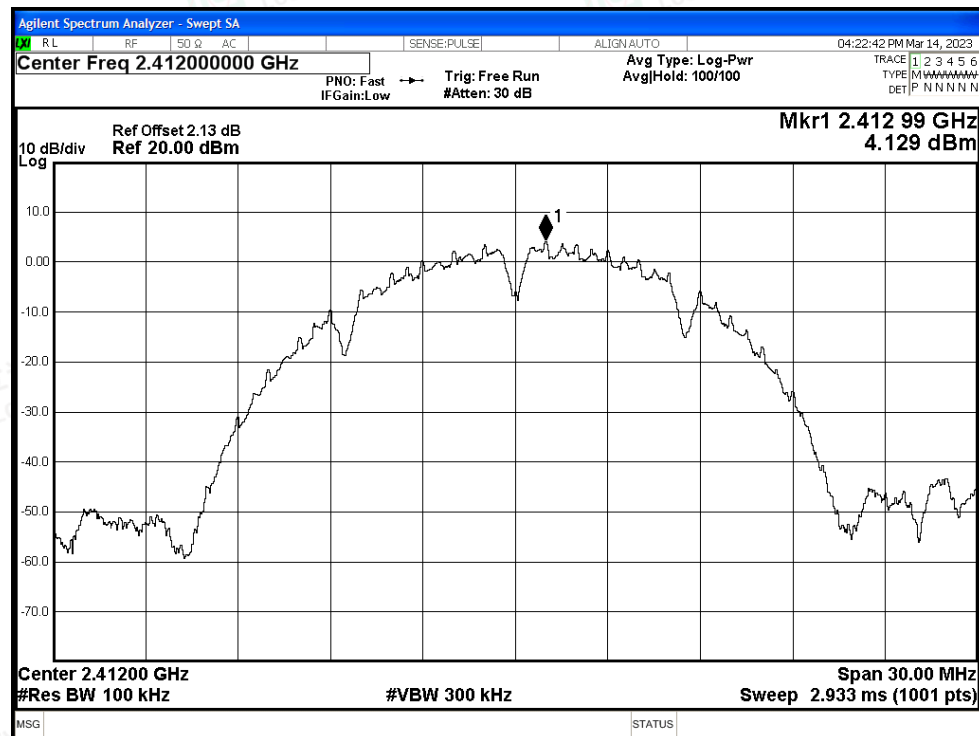
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -52.75          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -60.92          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -44.71          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -52.25          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -43.58          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -55.47          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -42.94          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -44.38          | -20         | Pass    |



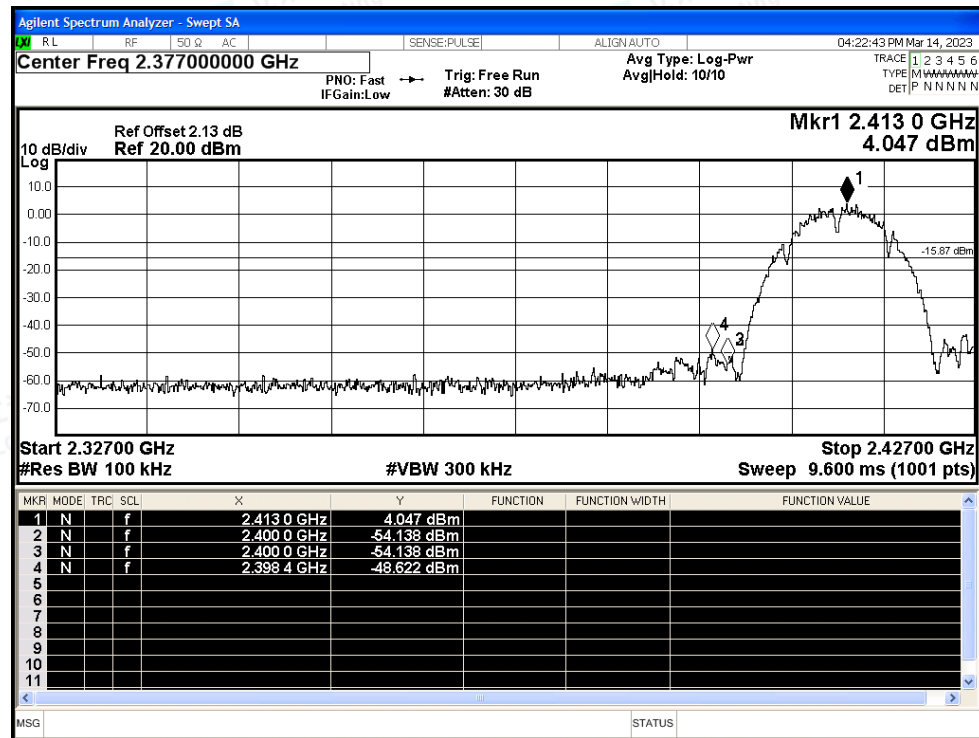


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



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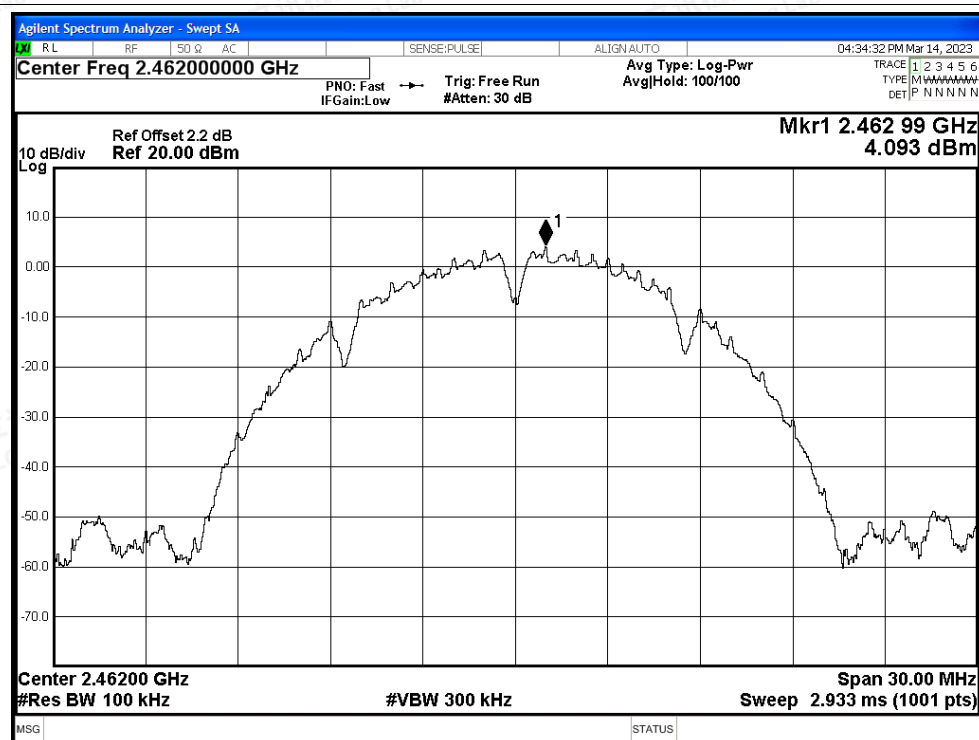
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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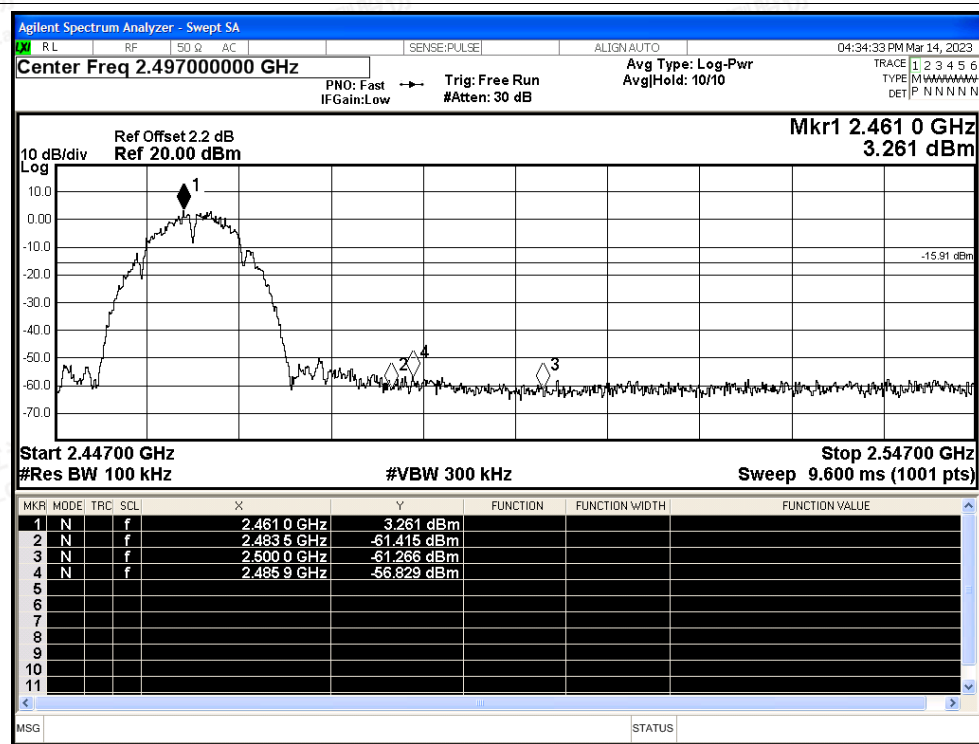
Scan code to check authenticity



## Band Edge NVNT b 2462MHz Ant1 Ref



## Band Edge NVNT b 2462MHz Ant1 Emission



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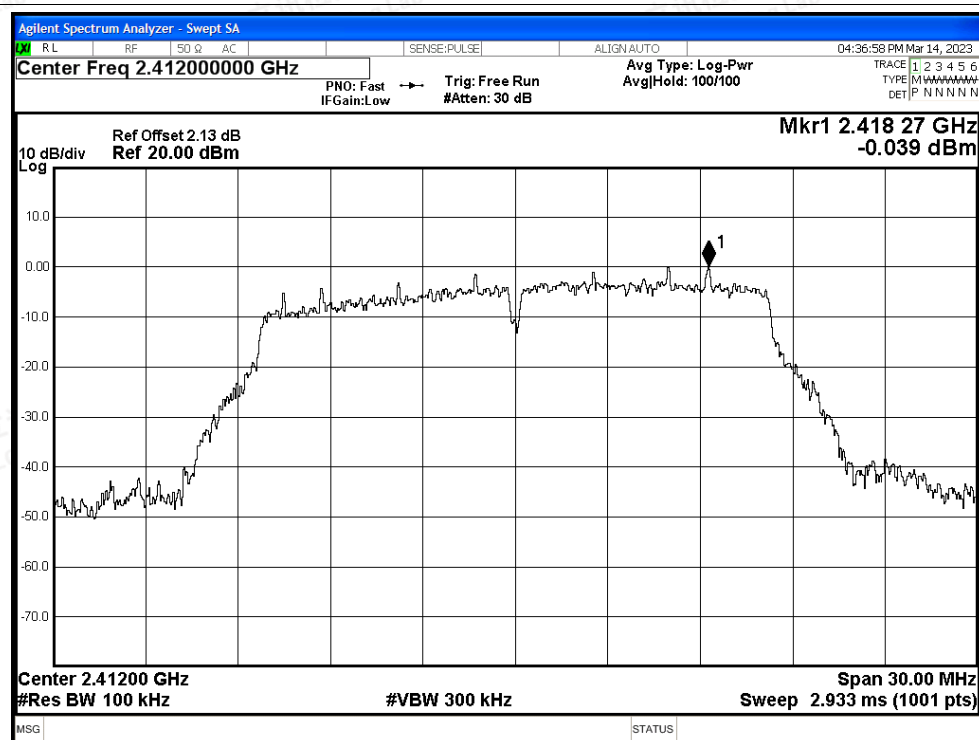
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

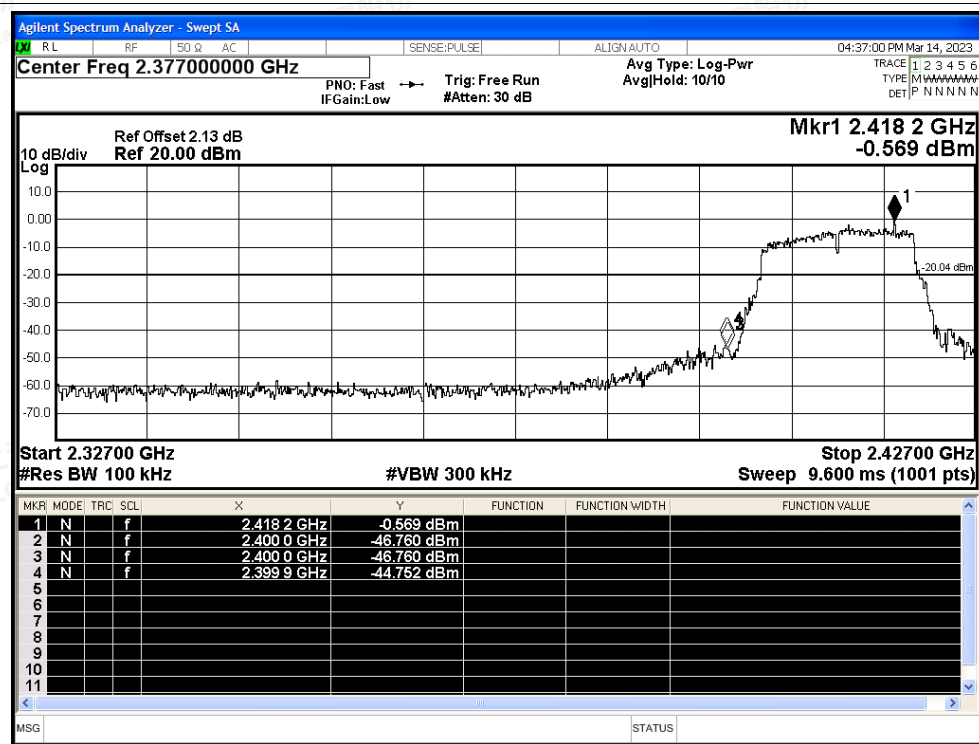
Scan code to check authenticity



## Band Edge NVNT g 2412MHz Ant1 Ref



## Band Edge NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

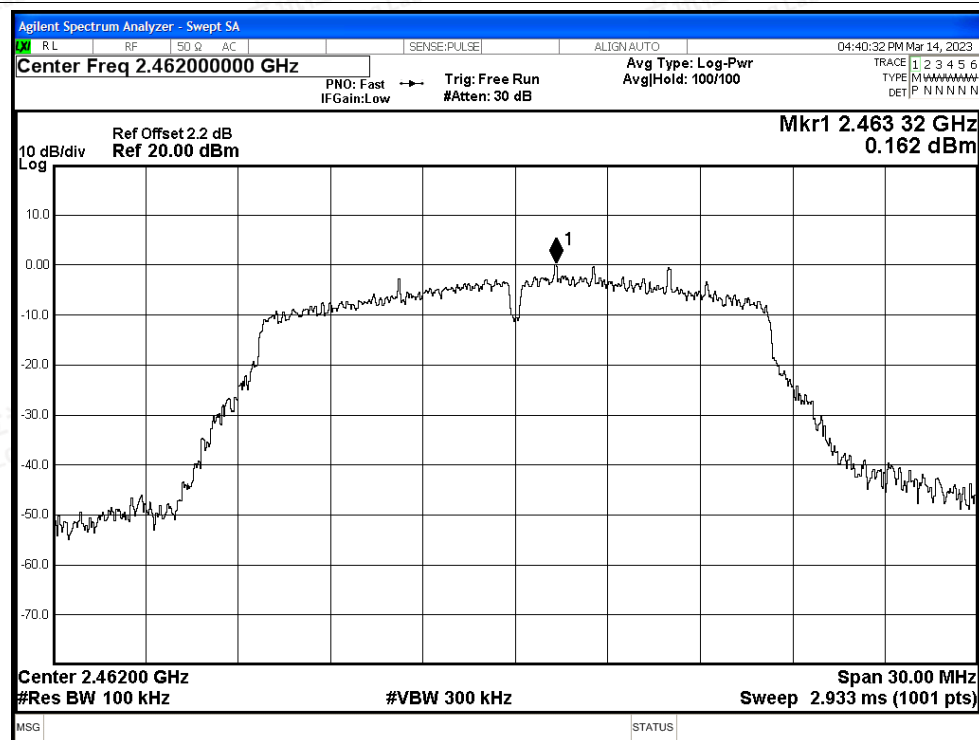
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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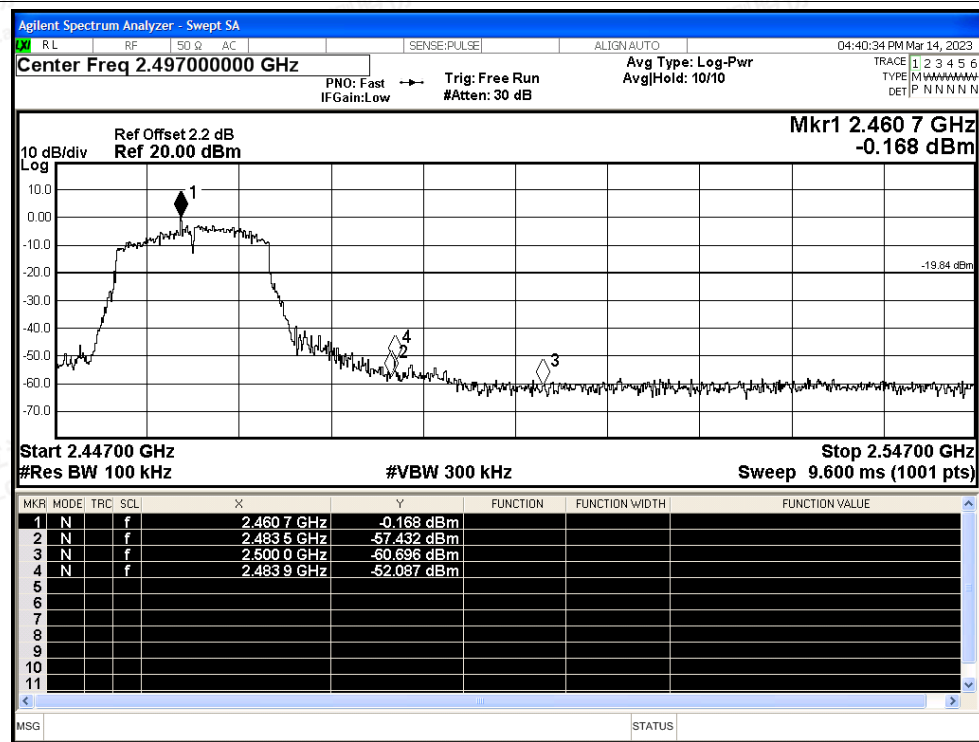
Scan code to check authenticity



## Band Edge NVNT g 2462MHz Ant1 Ref



## Band Edge NVNT g 2462MHz Ant1 Emission



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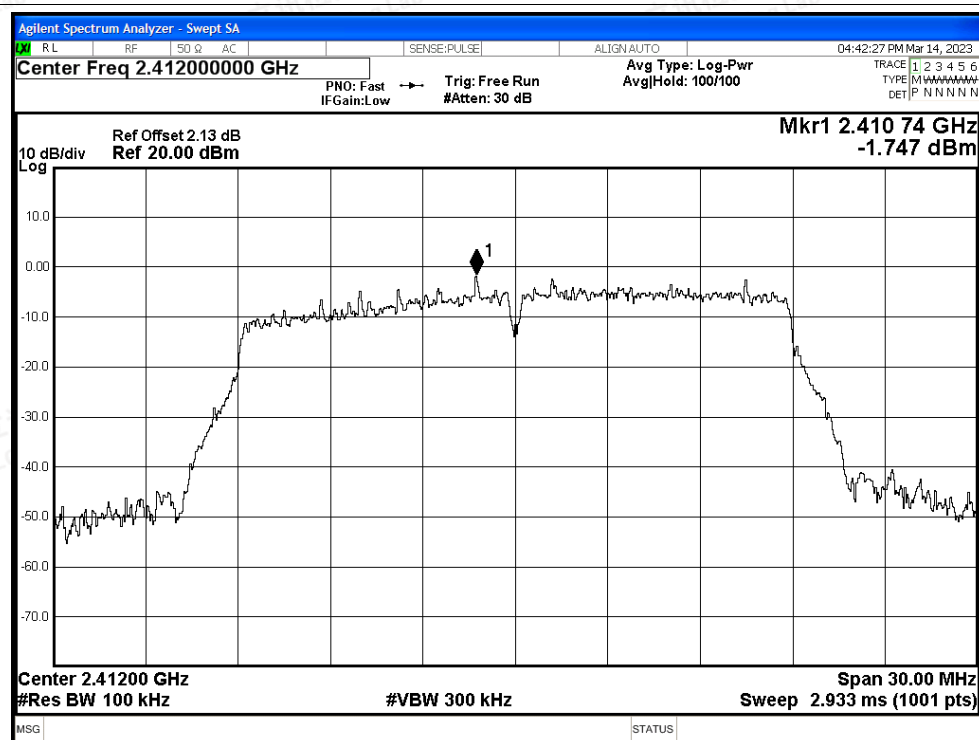
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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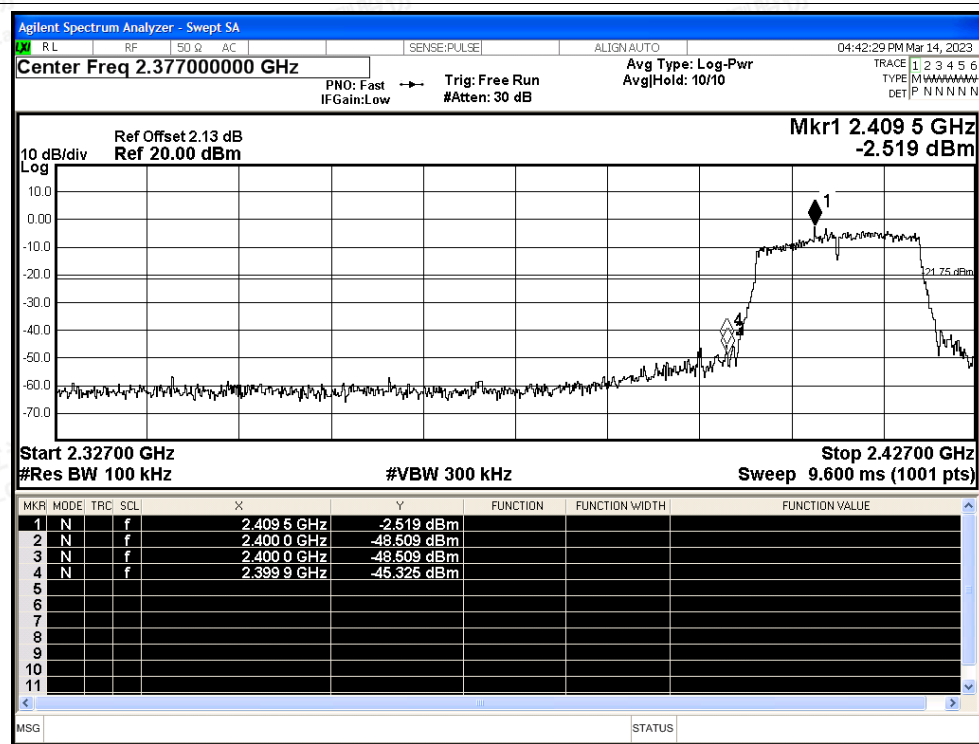
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## Band Edge NVNT n20 2412MHz Ant1 Ref



## Band Edge NVNT n20 2412MHz Ant1 Emission



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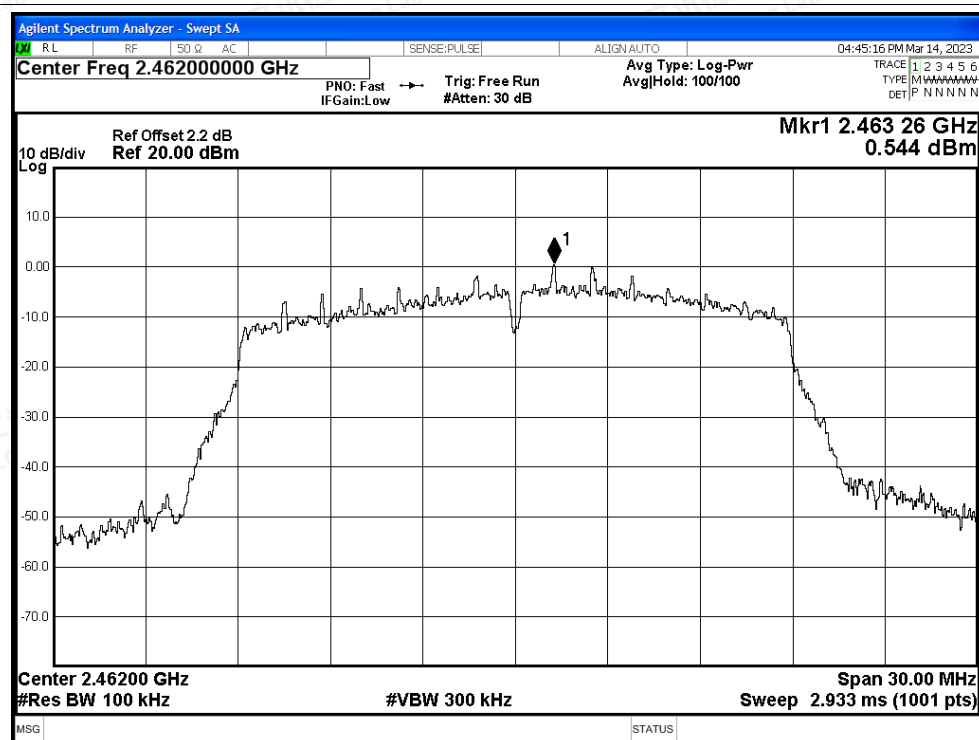
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

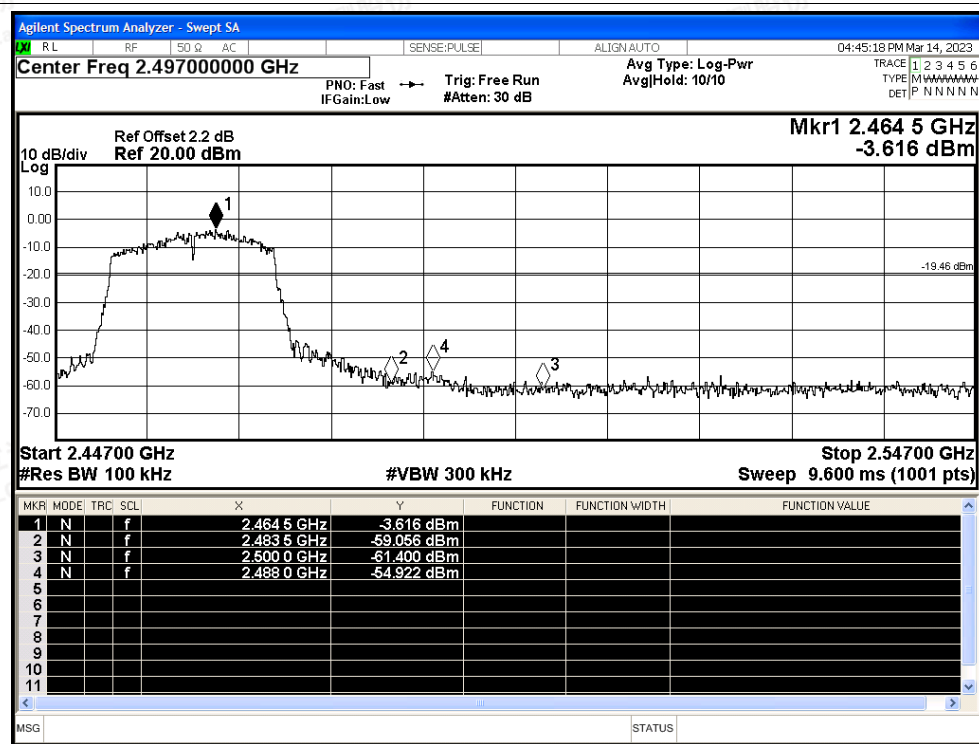
Scan code to check authenticity



## Band Edge NVNT n20 2462MHz Ant1 Ref



## Band Edge NVNT n20 2462MHz Ant1 Emission



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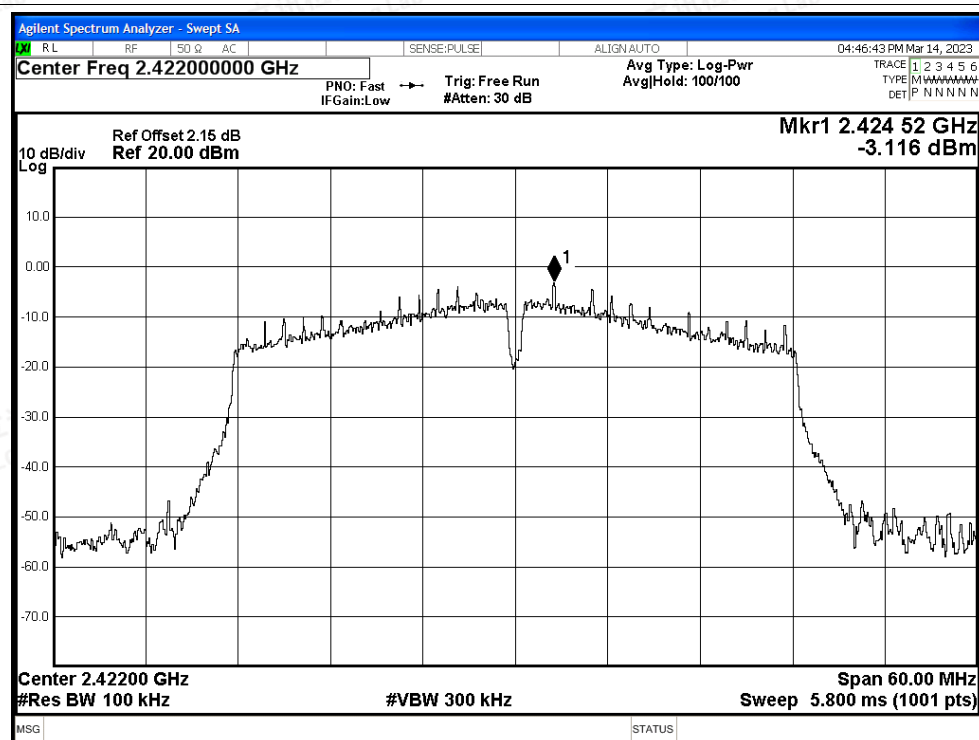
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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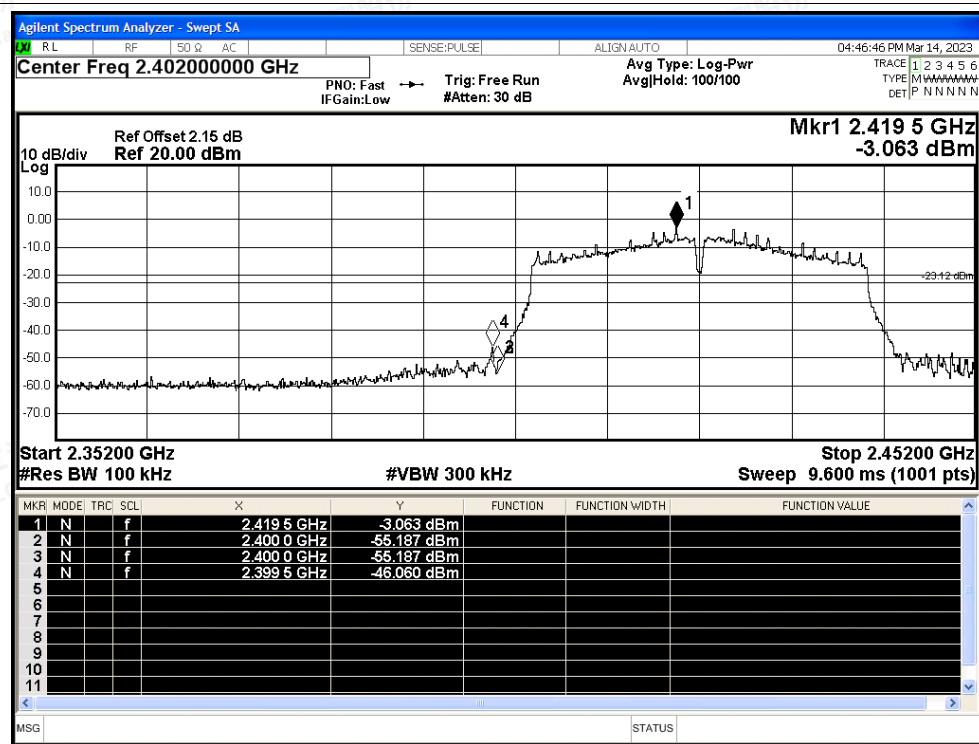
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## Band Edge NVNT n40 2422MHz Ant1 Ref



## Band Edge NVNT n40 2422MHz Ant1 Emission



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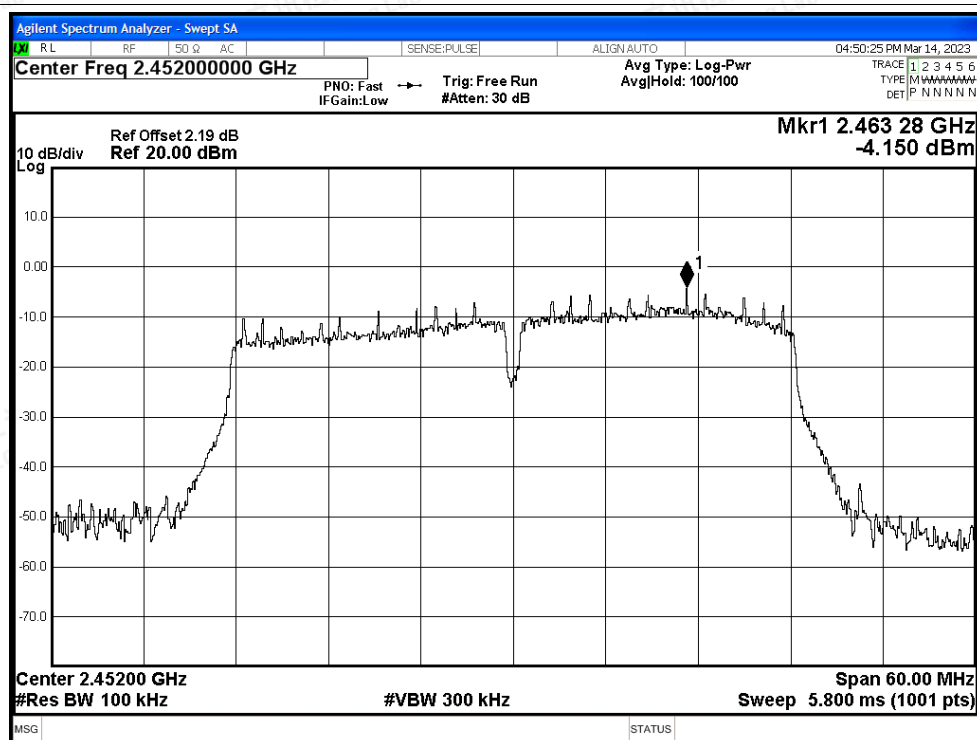
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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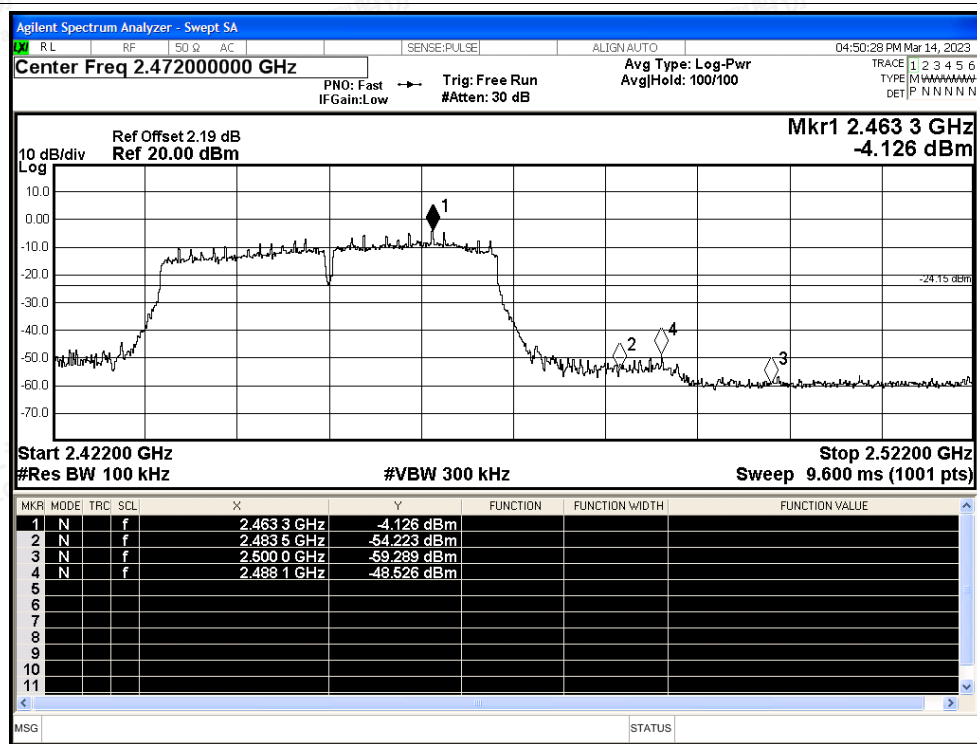




## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission



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## C.5 Conducted RF Spurious Emission

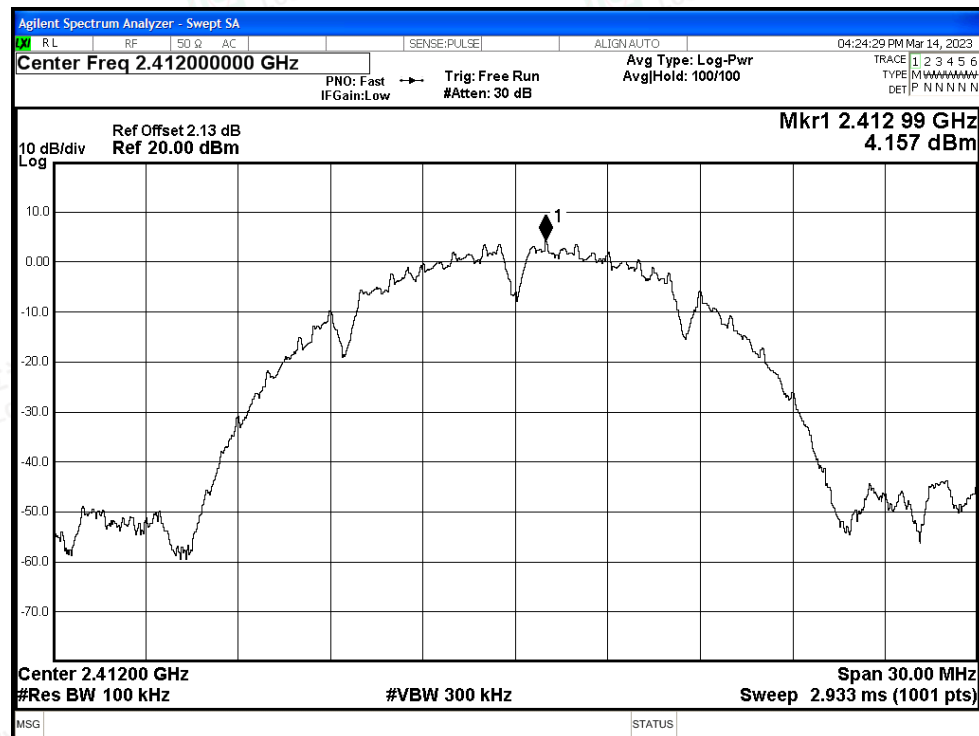
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -48.74          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -47.8           | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -49.6           | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -46.56          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -45.59          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -45.06          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -45.41          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -45.39          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -46.07          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -41.94          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -40.18          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -40.69          | -20         | Pass    |



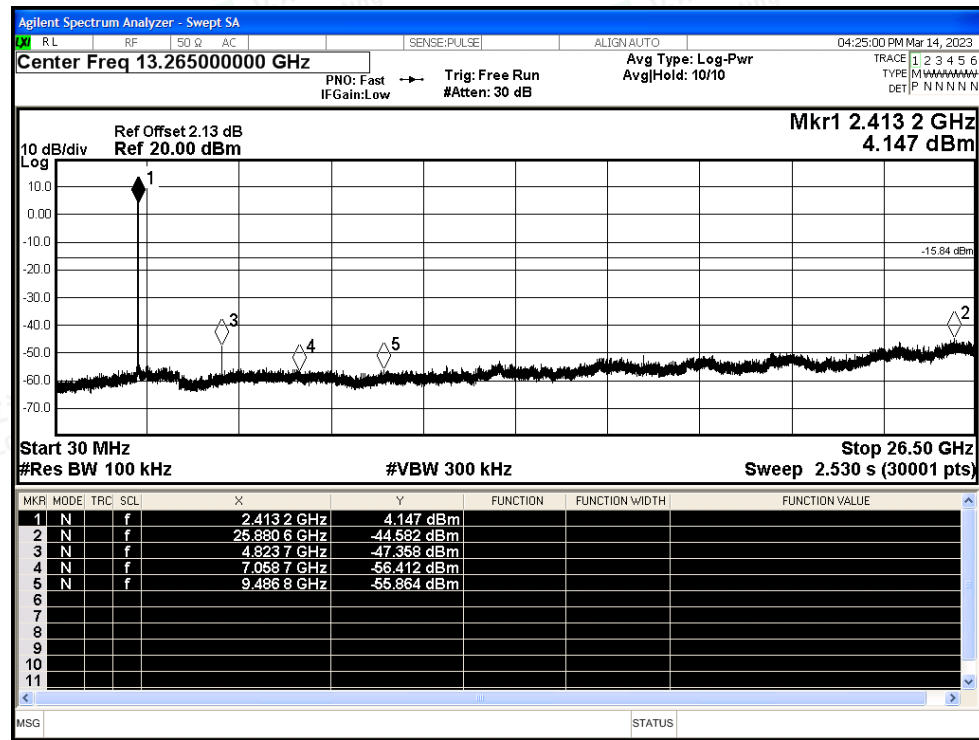


## Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

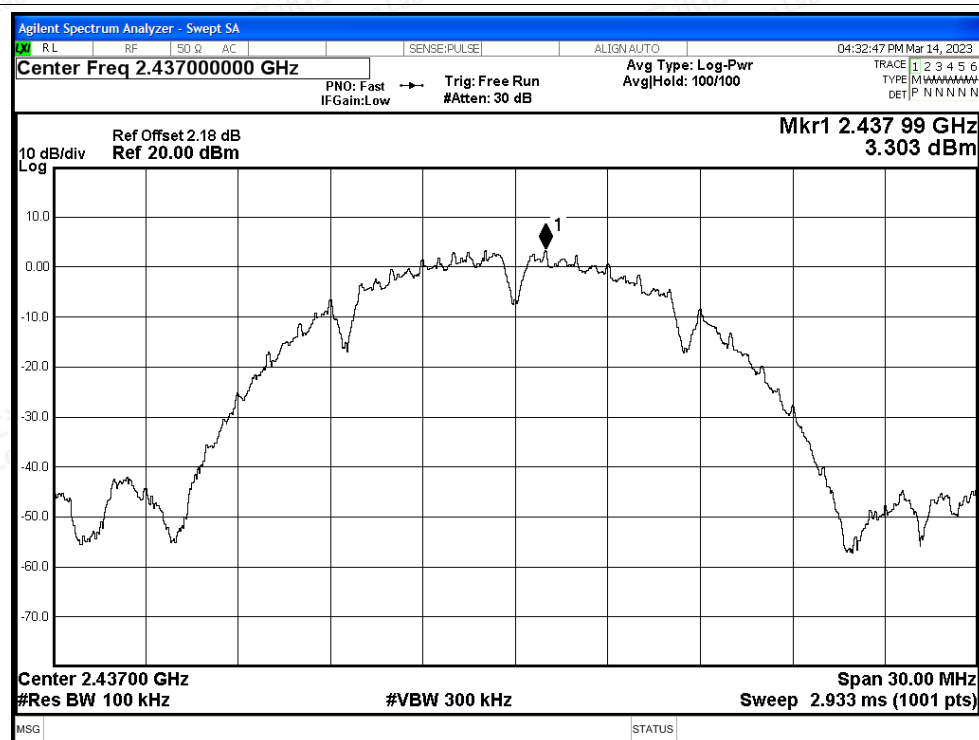
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

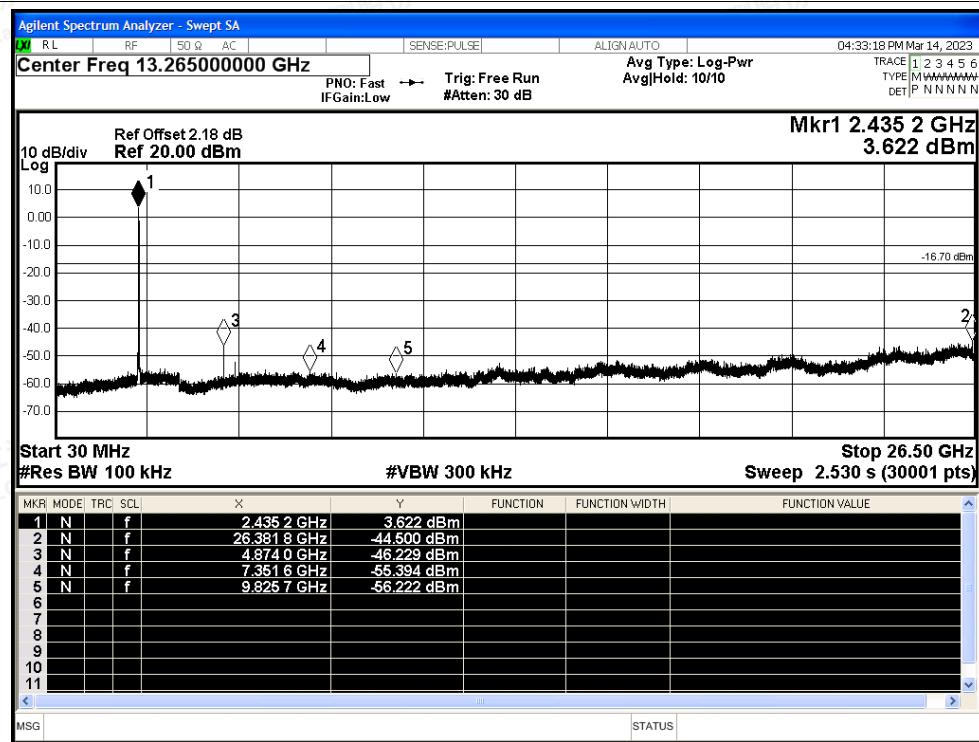
Scan code to check authenticity



Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

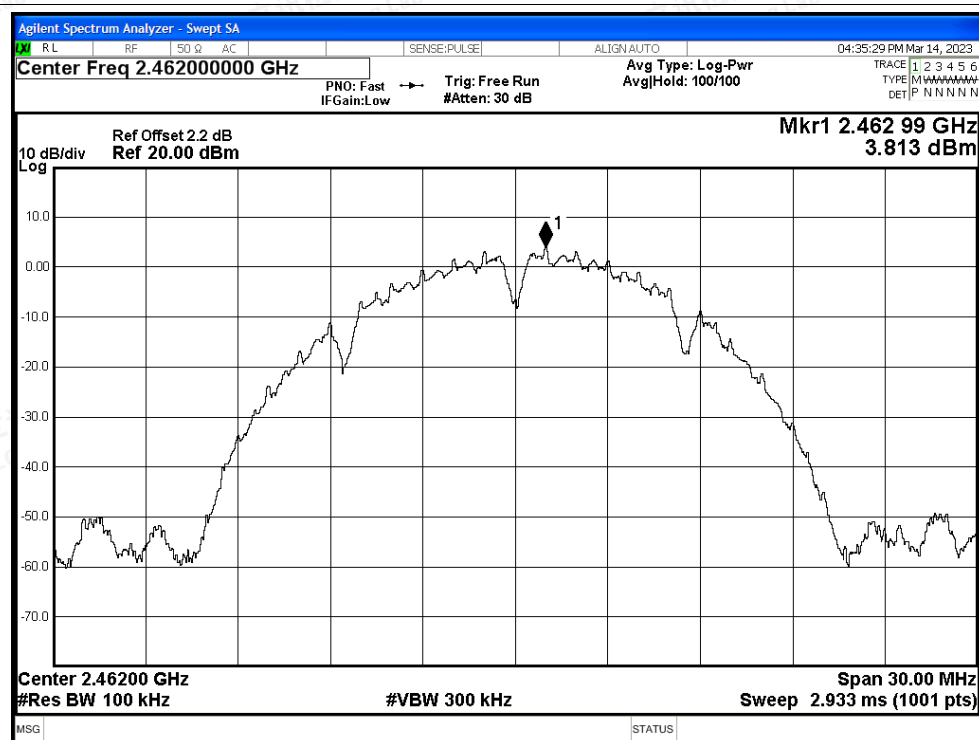
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

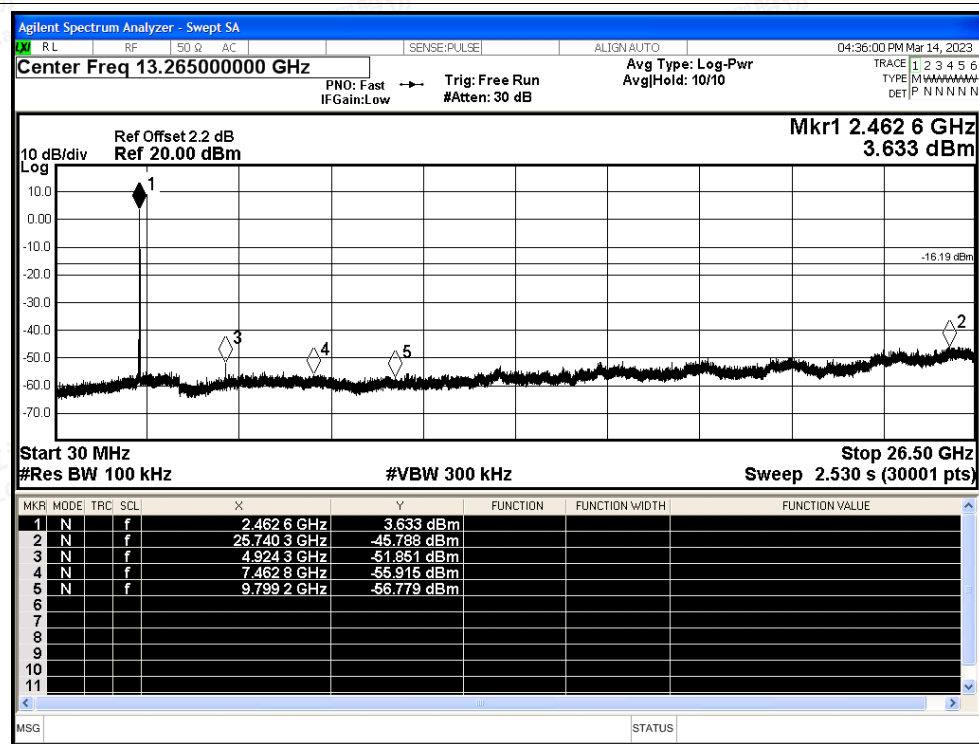
Scan code to check authenticity



Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

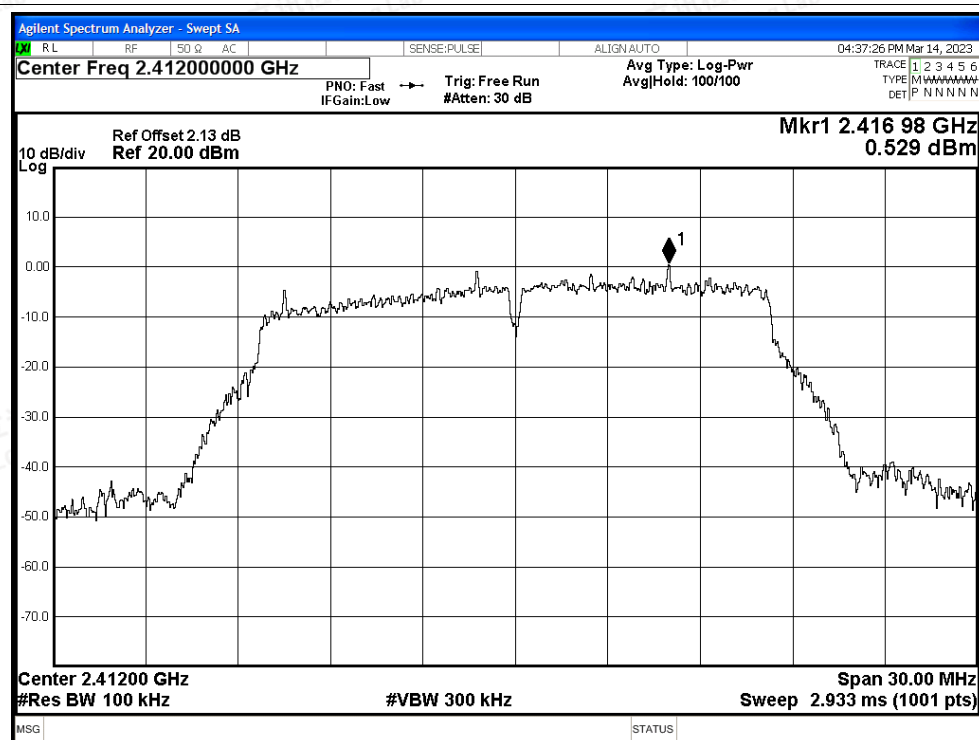
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

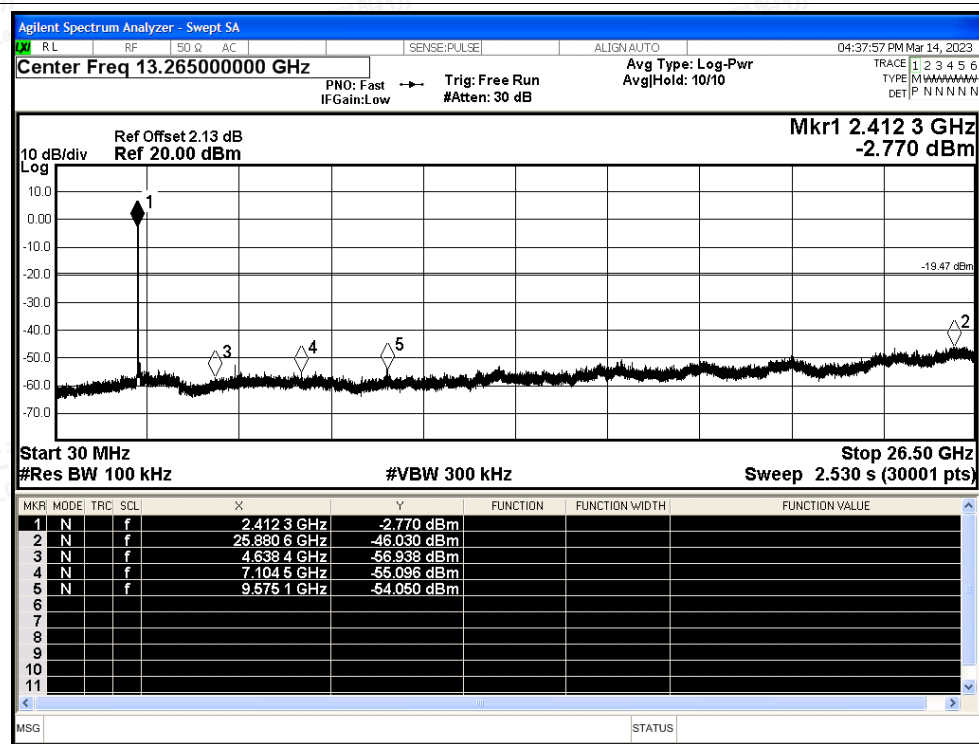
Scan code to check authenticity



## Tx. Spurious NVNT g 2412MHz Ant1 Ref



## Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

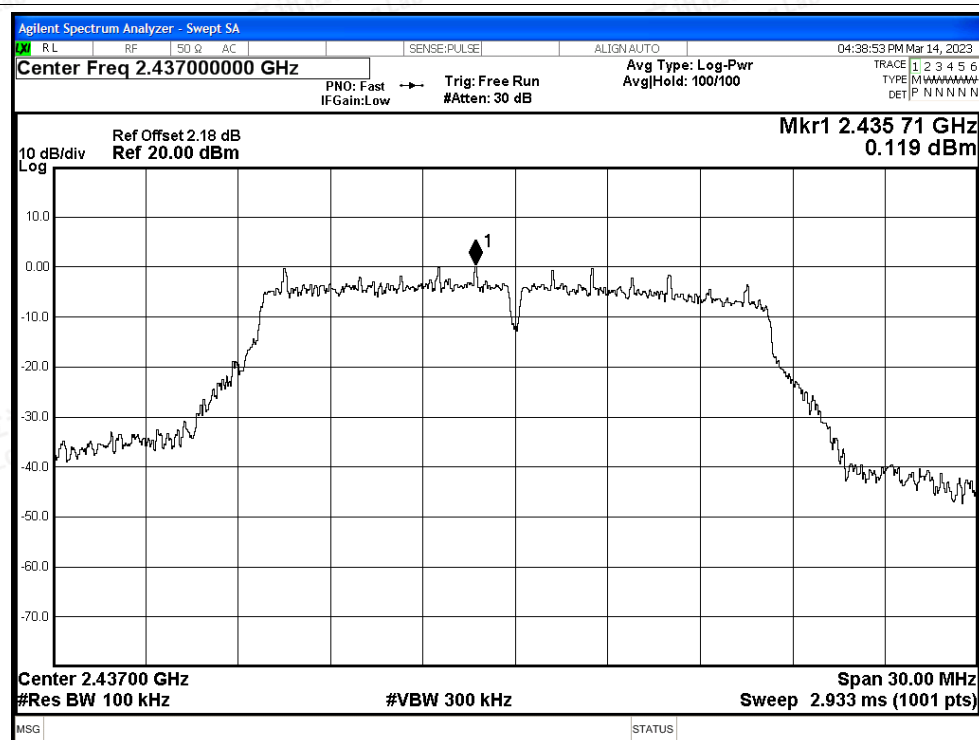
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

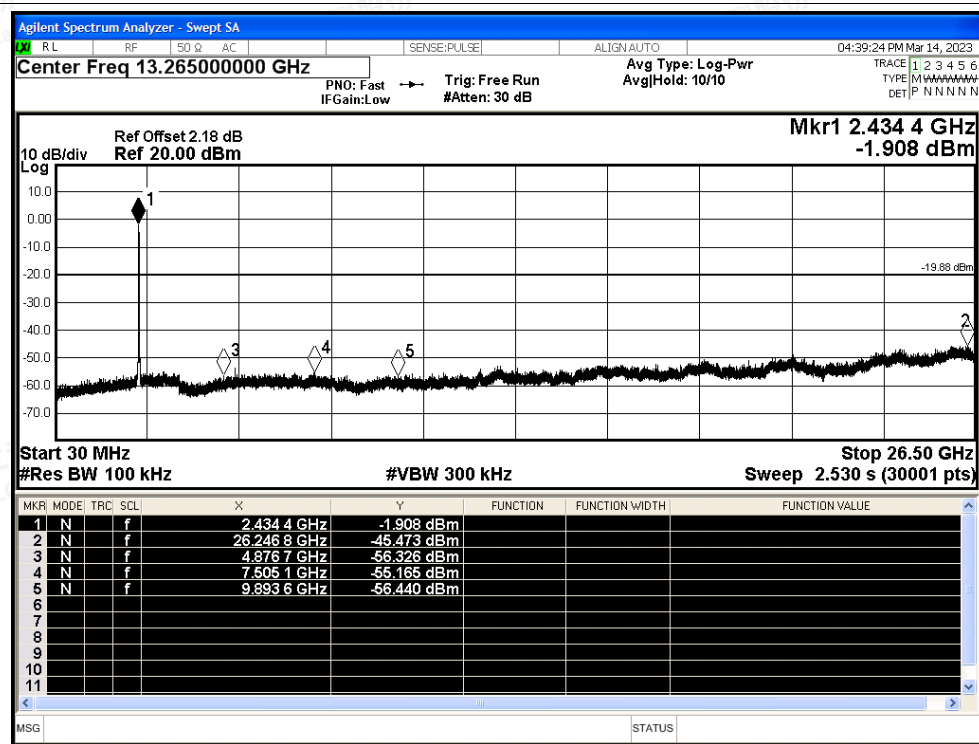
Scan code to check authenticity



Tx. Spurious NVNT g 2437MHz Ant1 Ref



Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

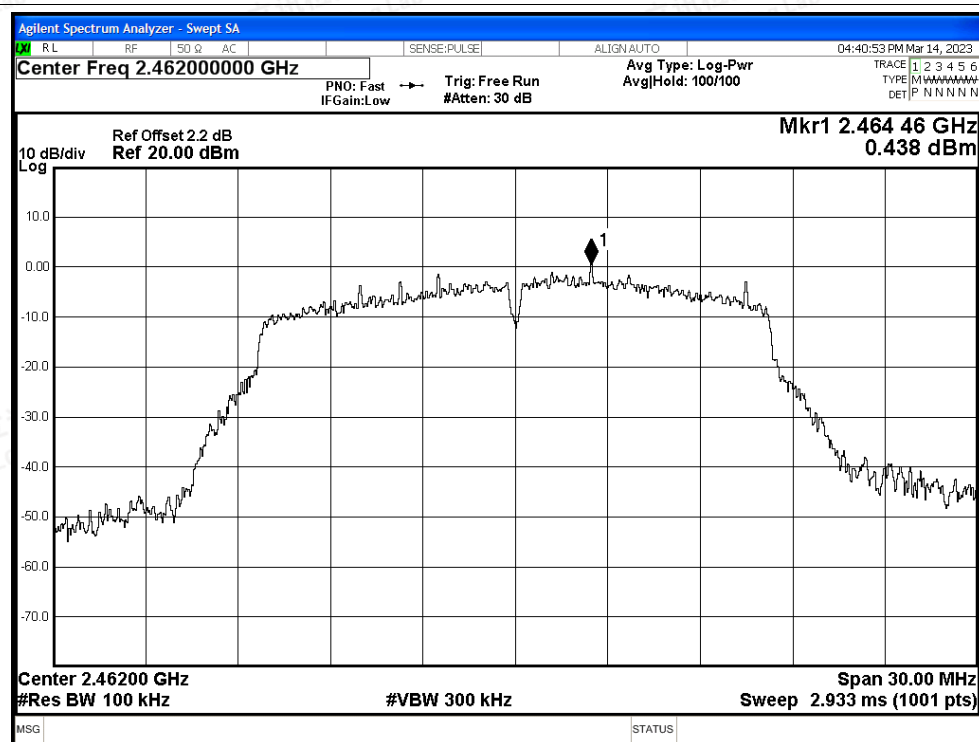
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

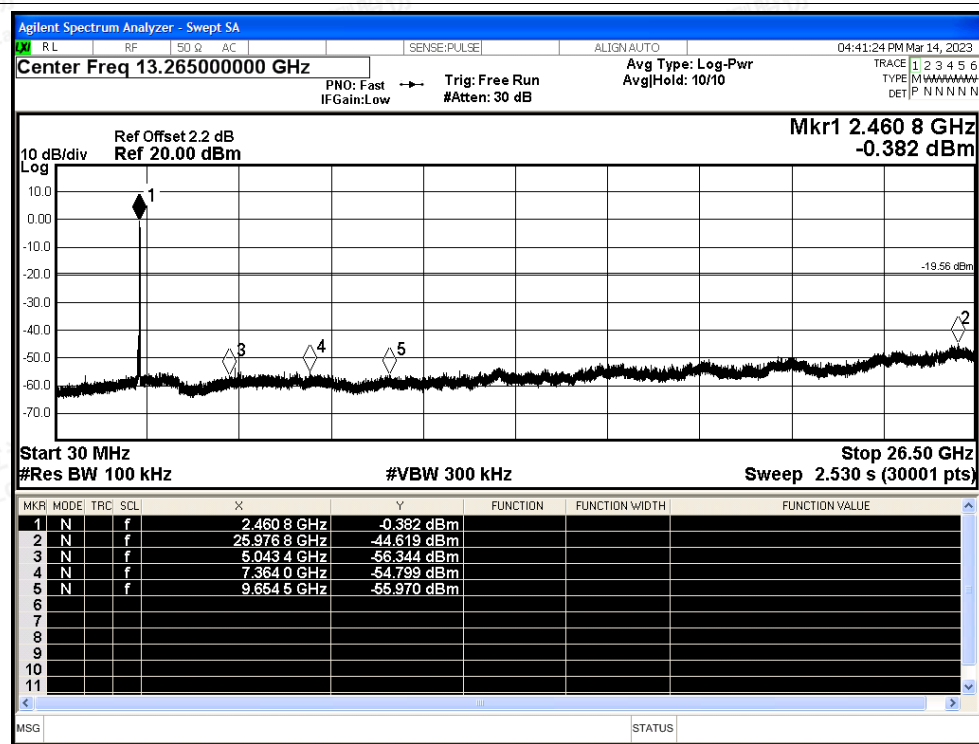
Scan code to check authenticity



Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



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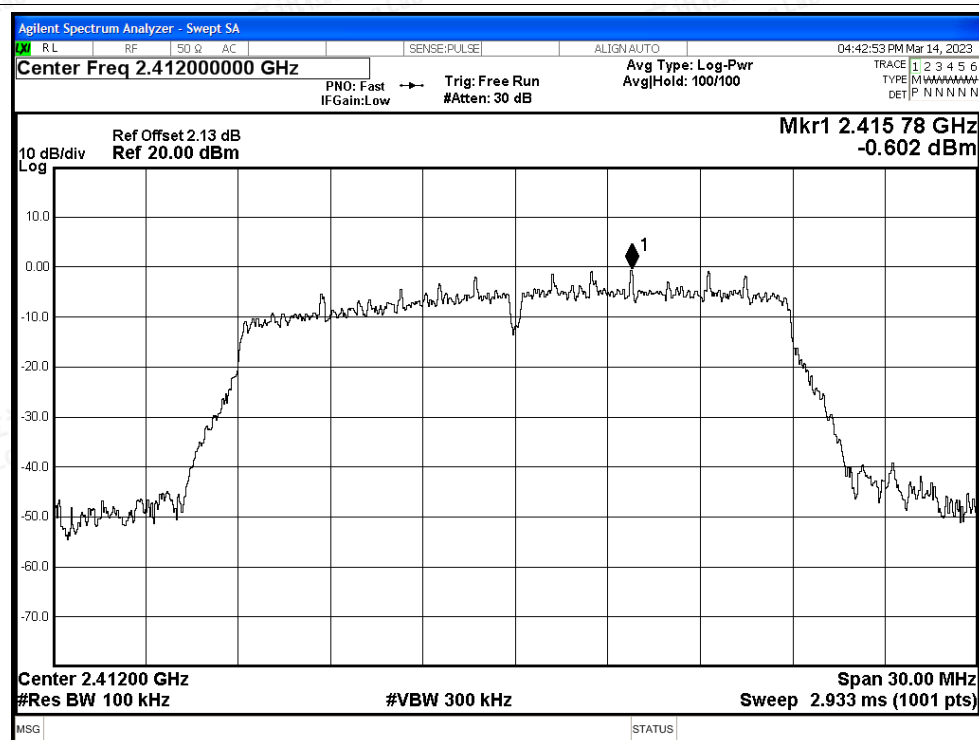
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

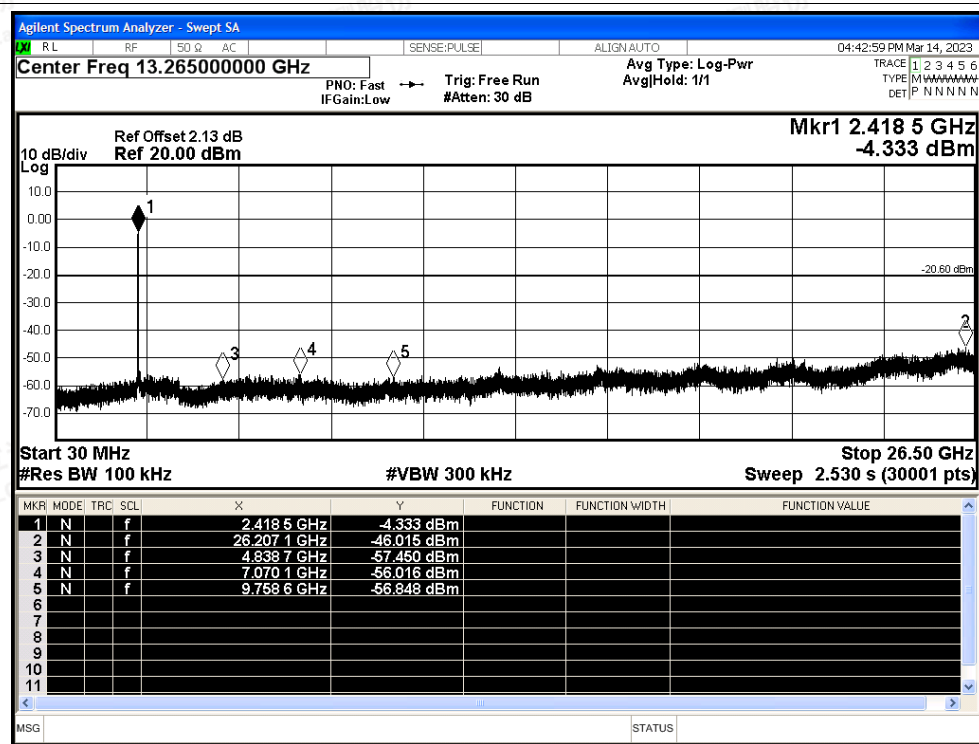




## Tx. Spurious NVNT n20 2412MHz Ant1 Ref



## Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

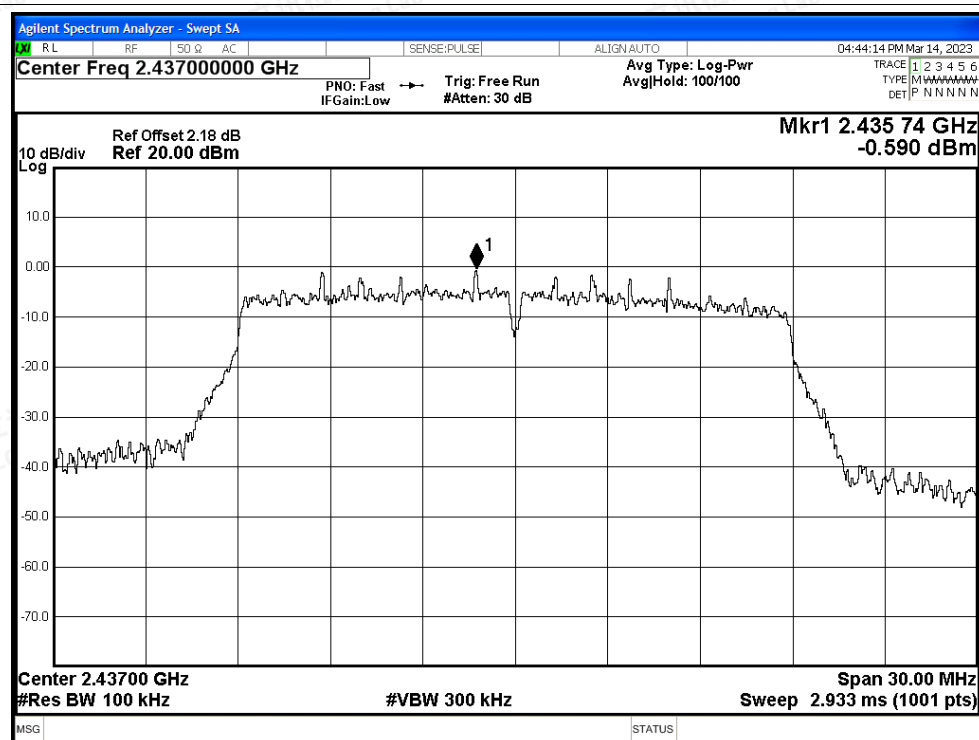
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

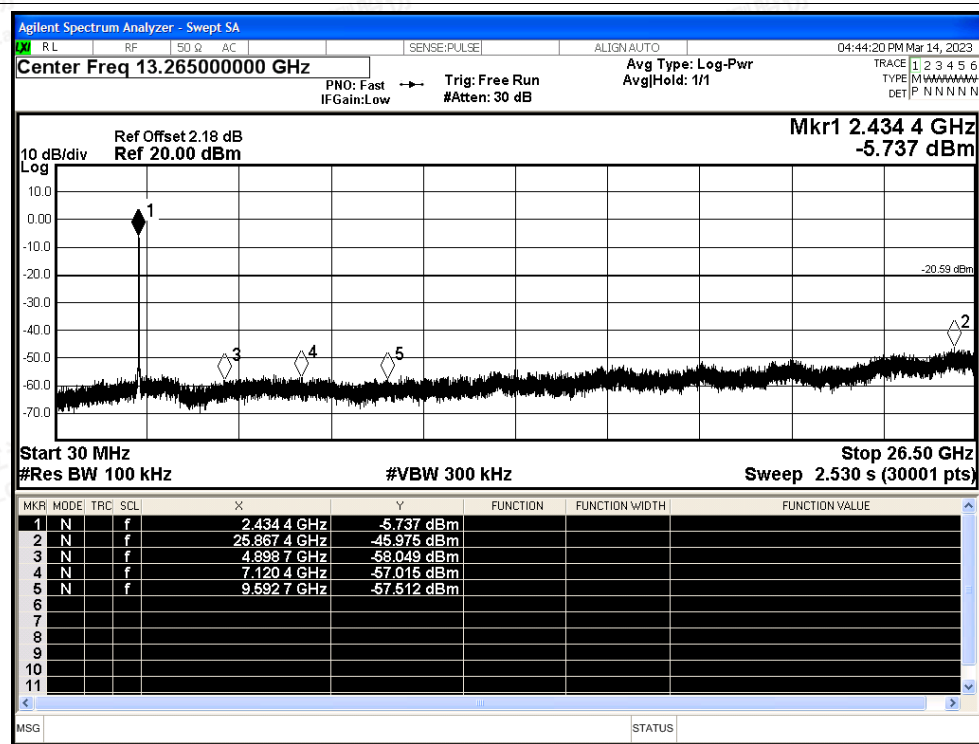
Scan code to check authenticity



## Tx. Spurious NVNT n20 2437MHz Ant1 Ref



## Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

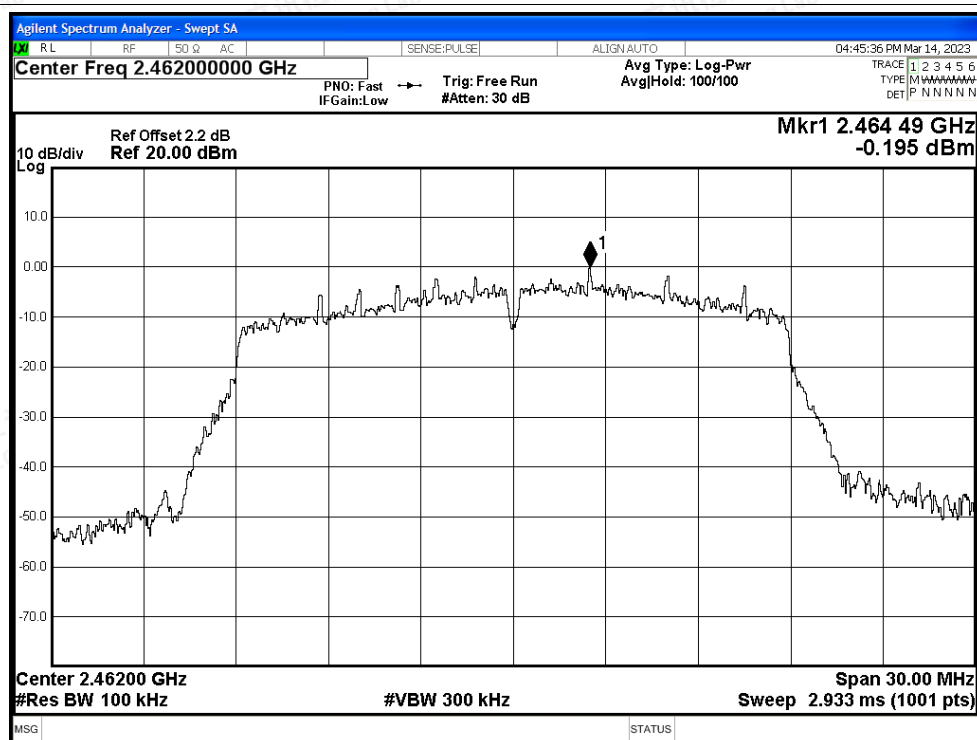
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

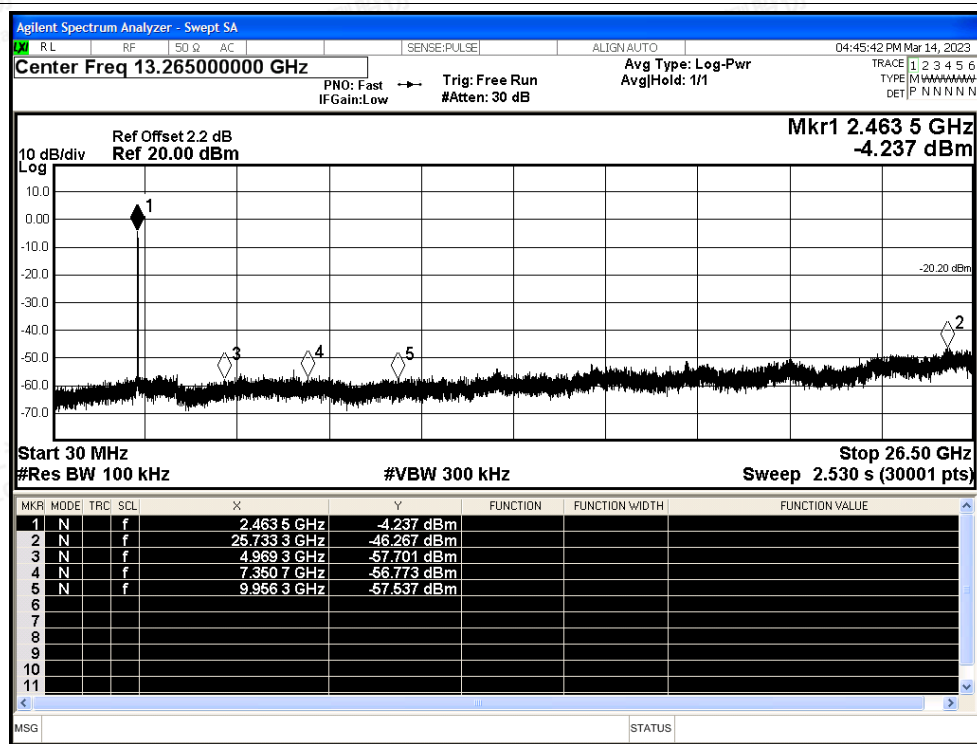
Scan code to check authenticity



## Tx. Spurious NVNT n20 2462MHz Ant1 Ref



## Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

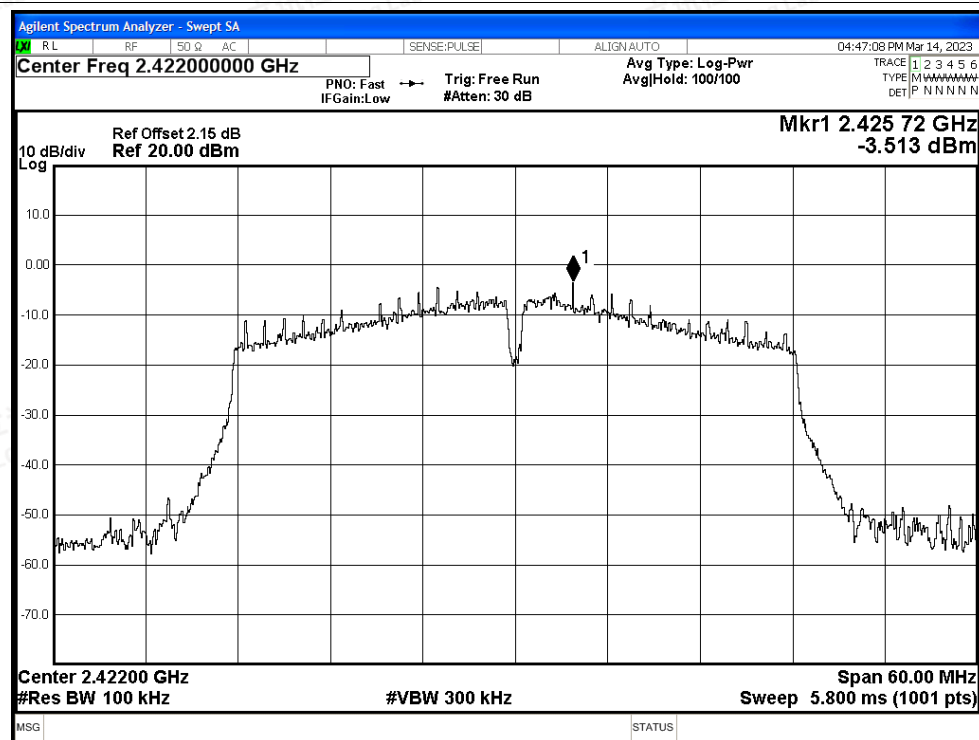
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

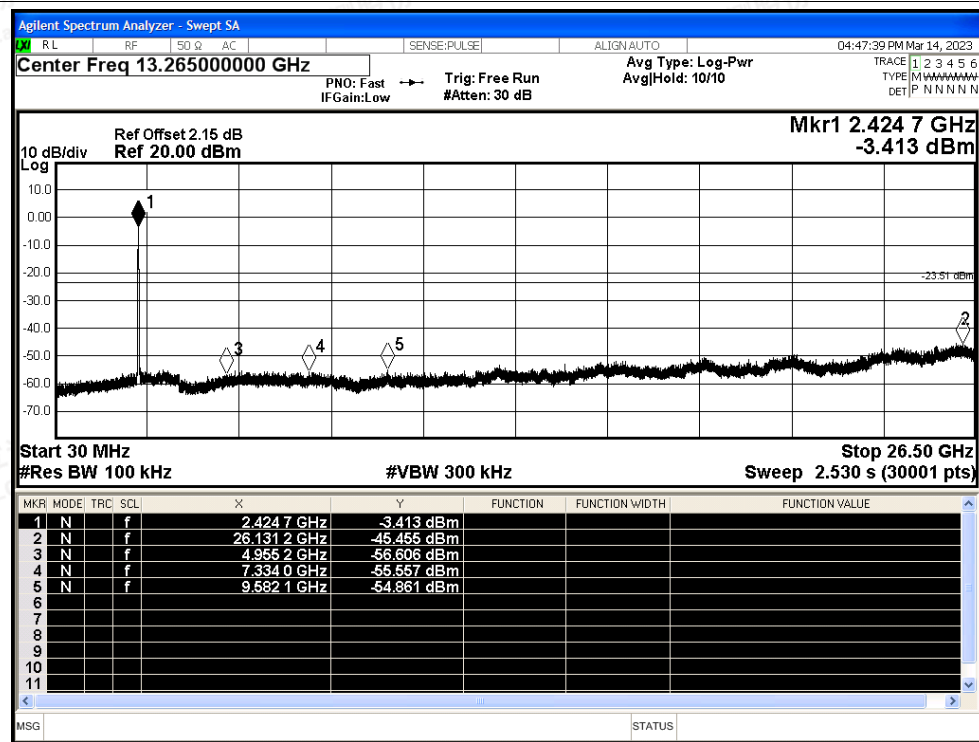
Scan code to check authenticity



## Tx. Spurious NVNT n40 2422MHz Ant1 Ref



## Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

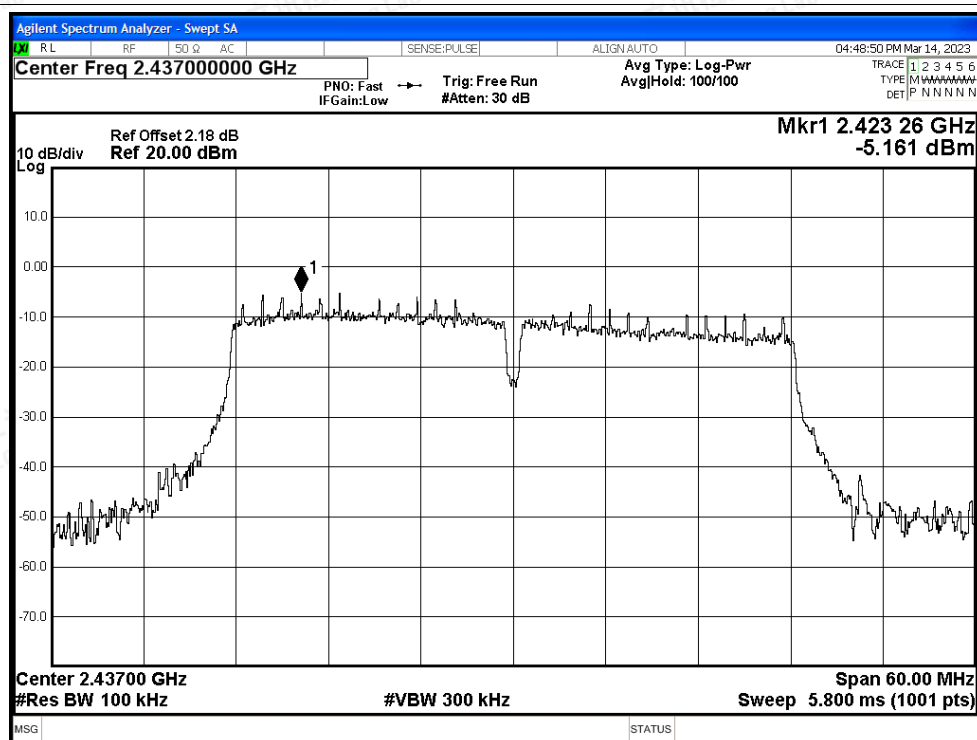
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

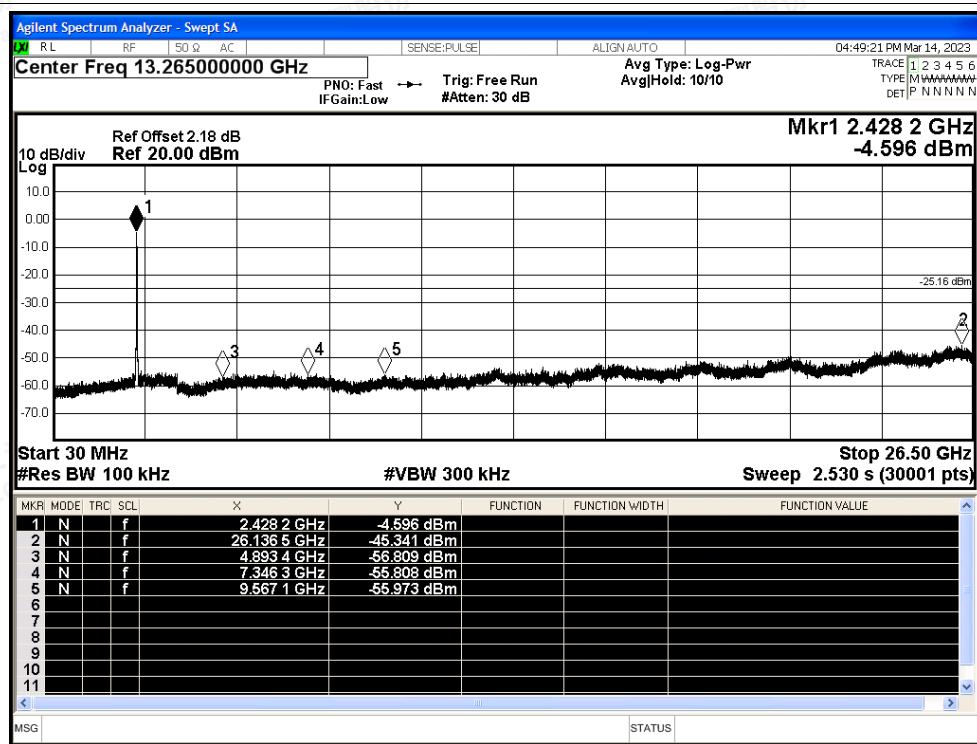
Scan code to check authenticity



## Tx. Spurious NVNT n40 2437MHz Ant1 Ref



## Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

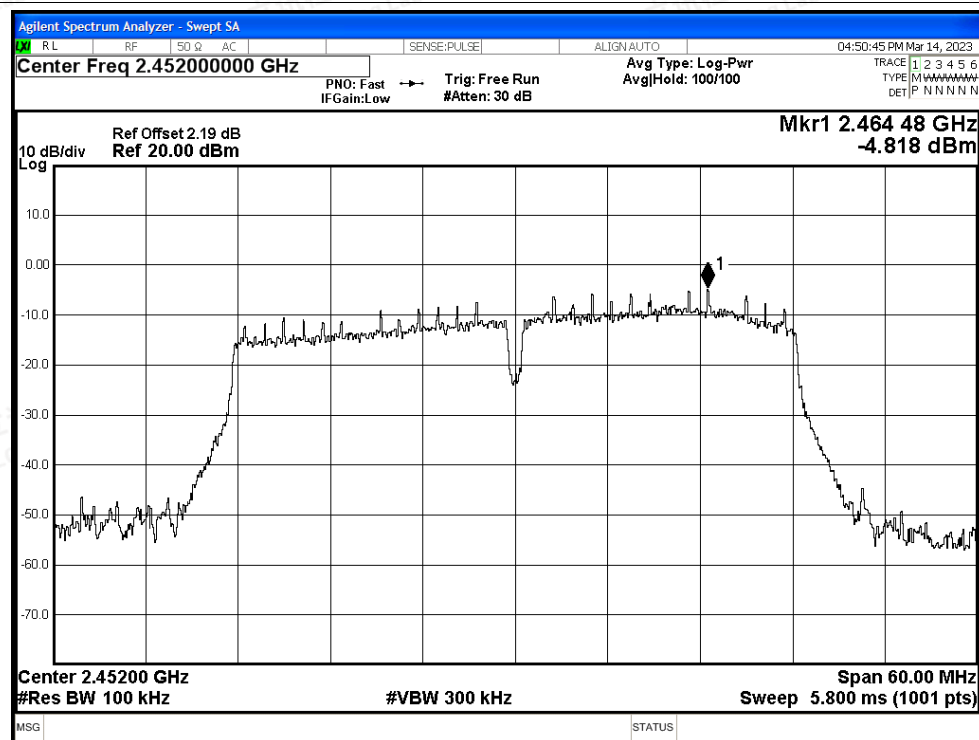
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

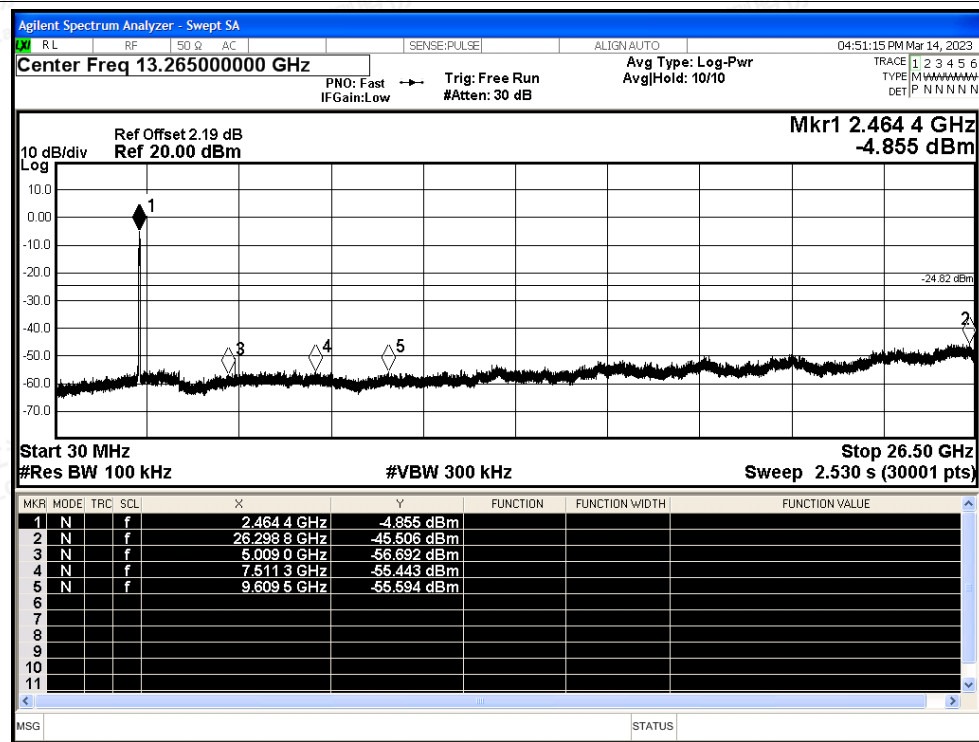
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## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission



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## 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    | 99.64          | 0                      | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 97.31          | 0.12                   | 0.77      |
| NVNT      | n20  | 2437            | Ant1    | 97.31          | 0.12                   | 0.77      |
| NVNT      | n20  | 2462            | Ant1    | 97.31          | 0.12                   | 0.77      |
| NVNT      | n40  | 2422            | Ant1    | 94.74          | 0.23                   | 1.54      |
| NVNT      | n40  | 2437            | Ant1    | 95.03          | 0.22                   | 1.54      |
| NVNT      | n40  | 2452            | Ant1    | 95.03          | 0.22                   | 1.54      |

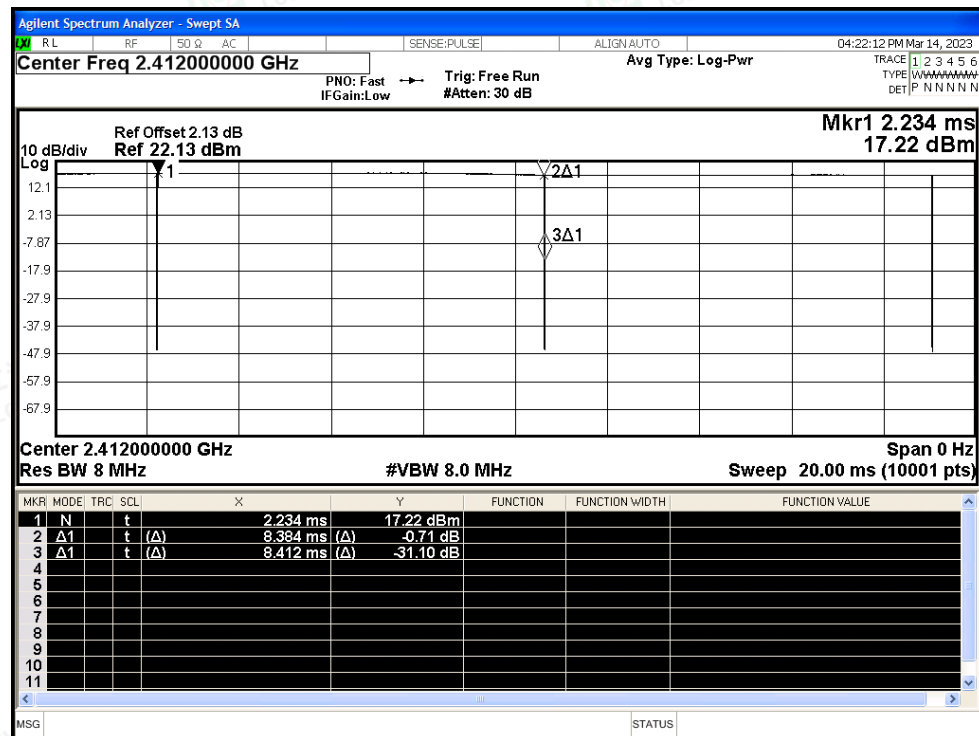


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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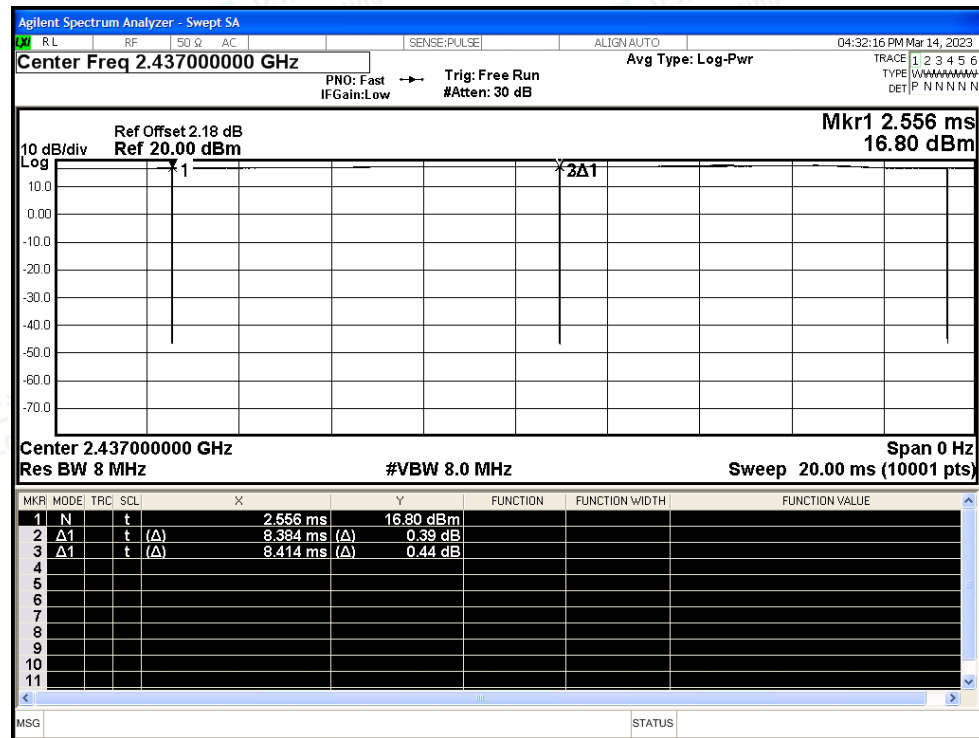


## Test Graphs

## 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

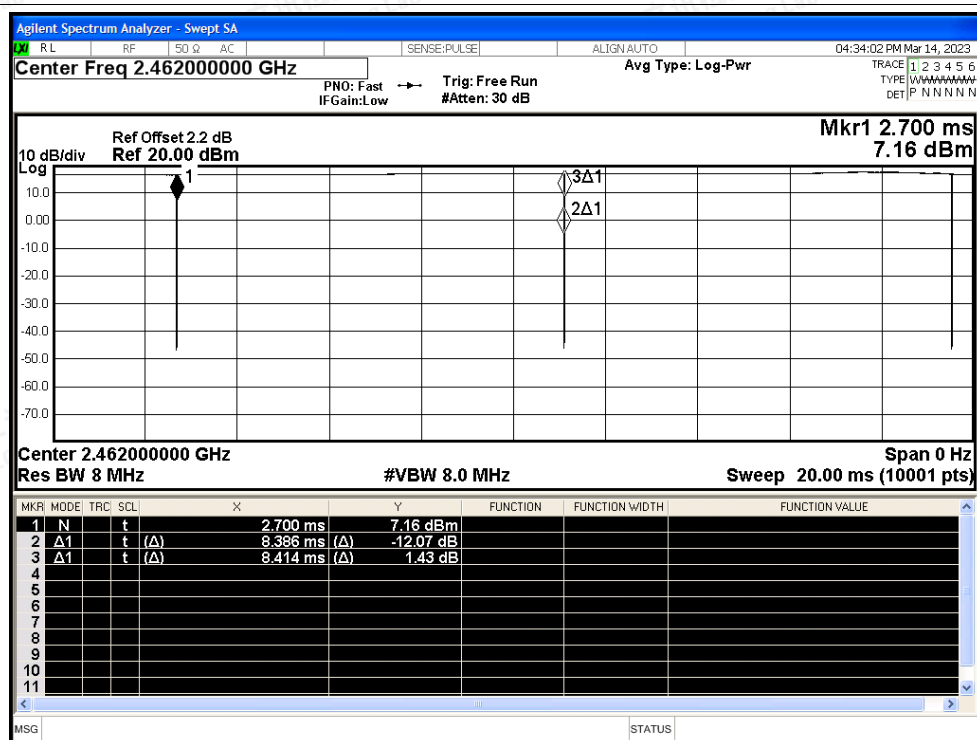
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

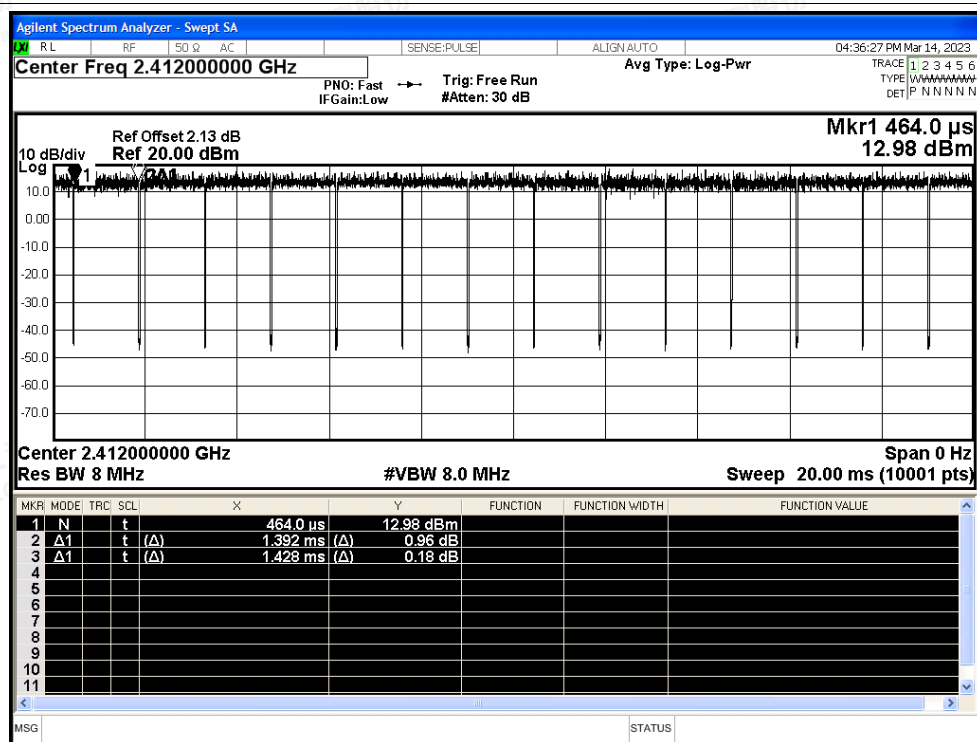




## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

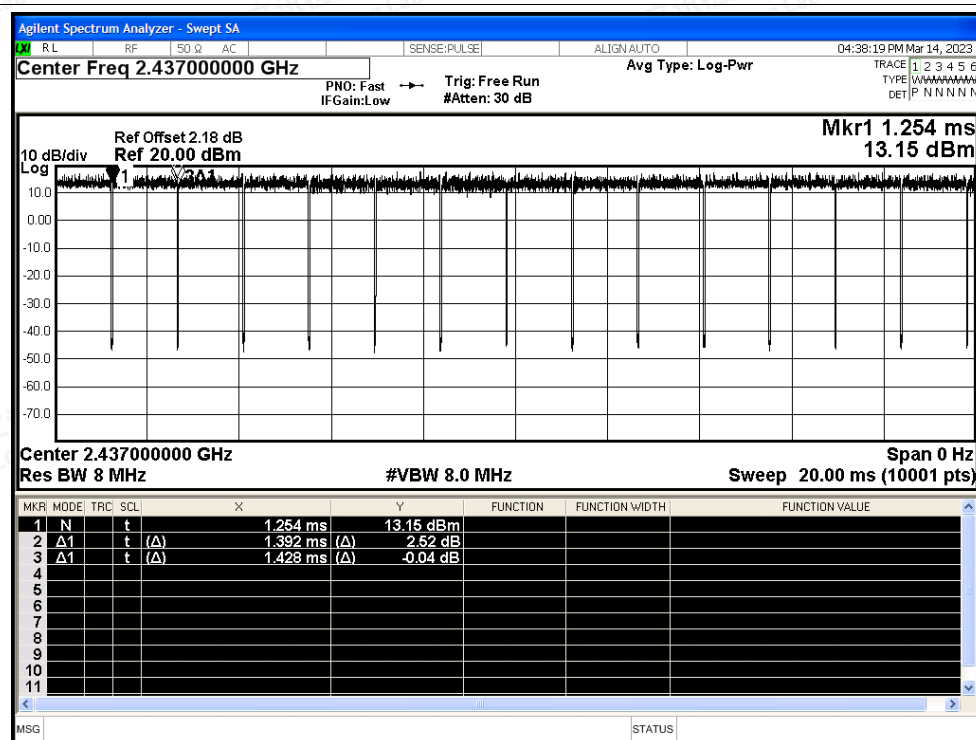
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

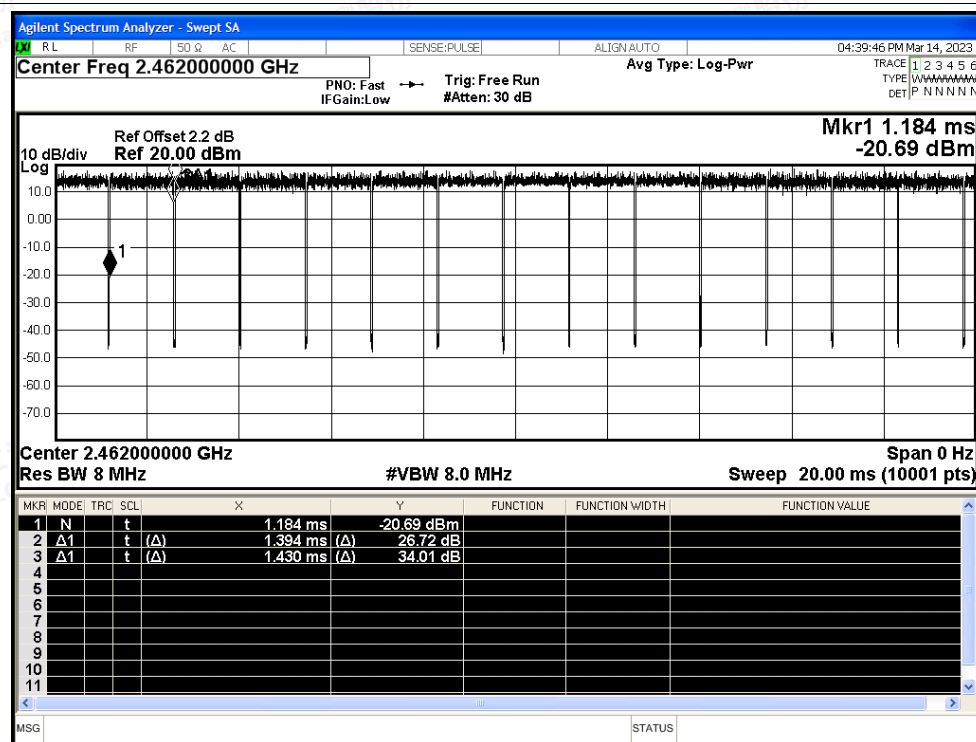
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1



## Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

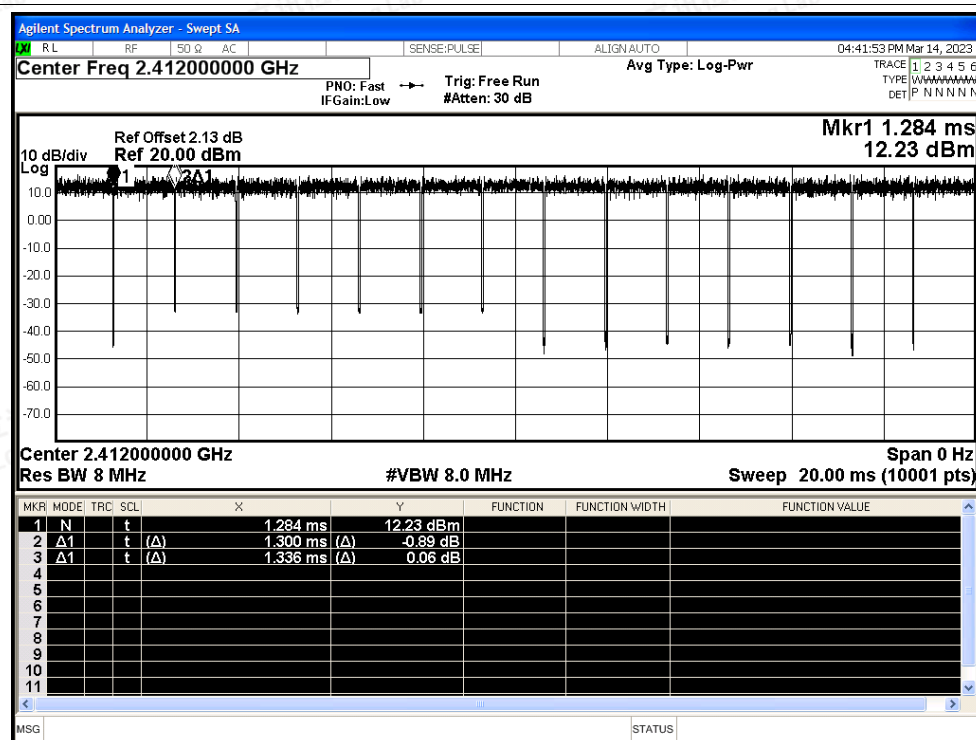
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

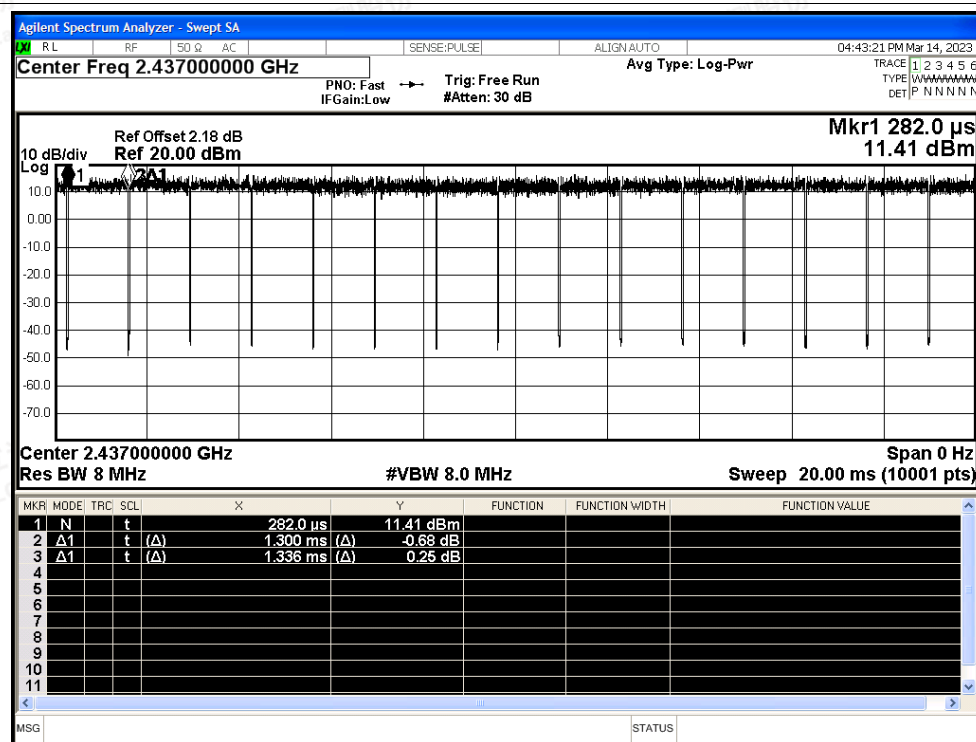
Scan code to check authenticity



## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

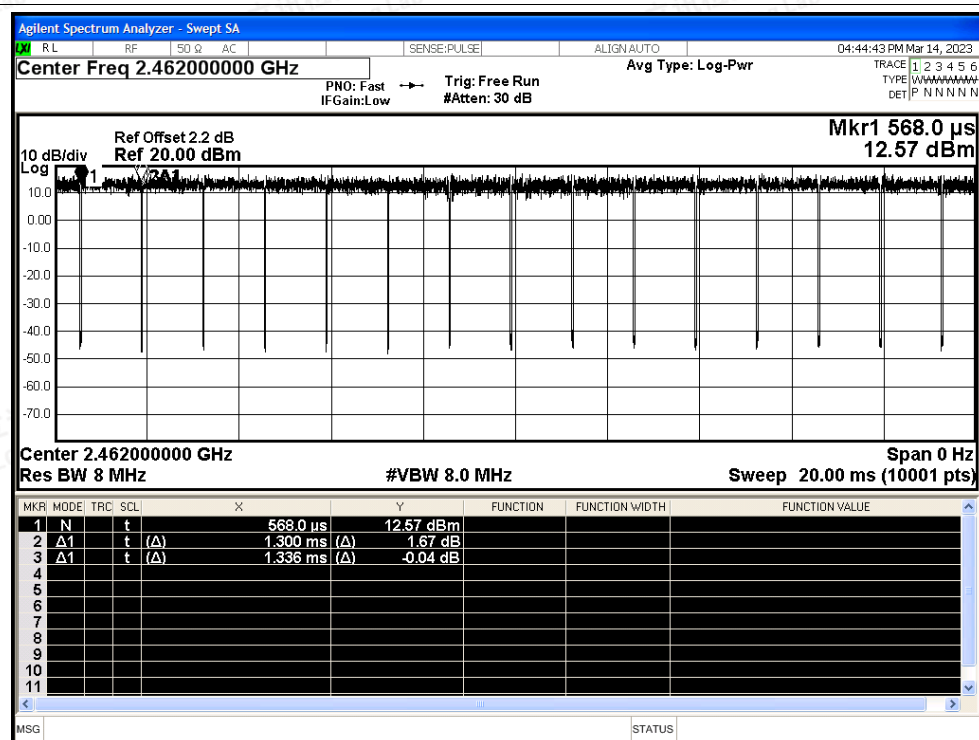
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

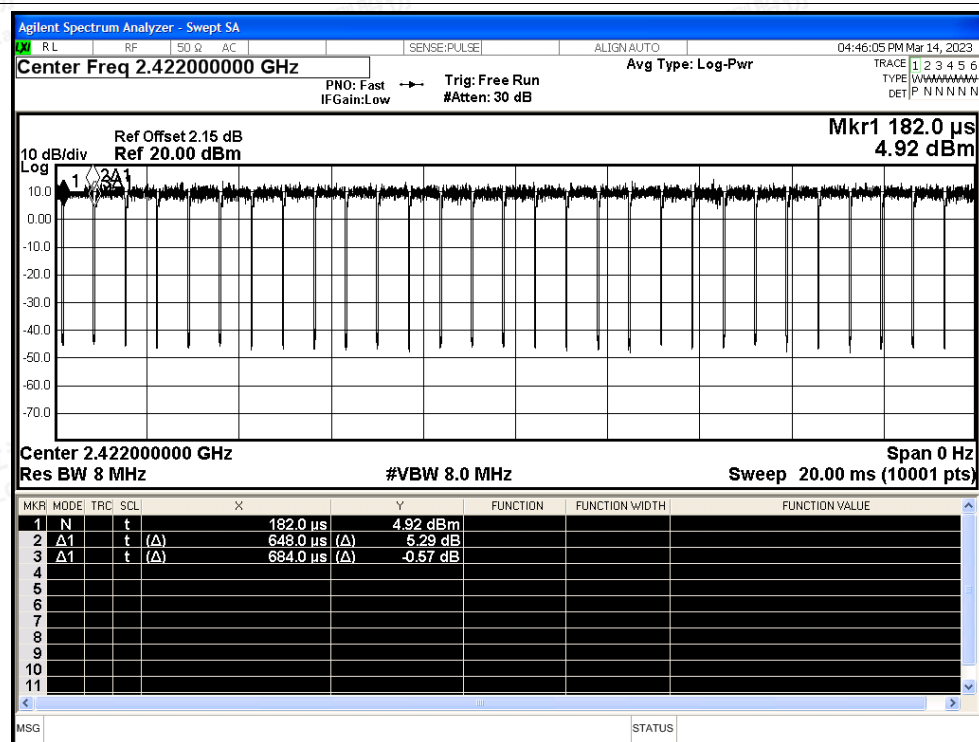
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant1



## Duty Cycle NVNT n40 2422MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

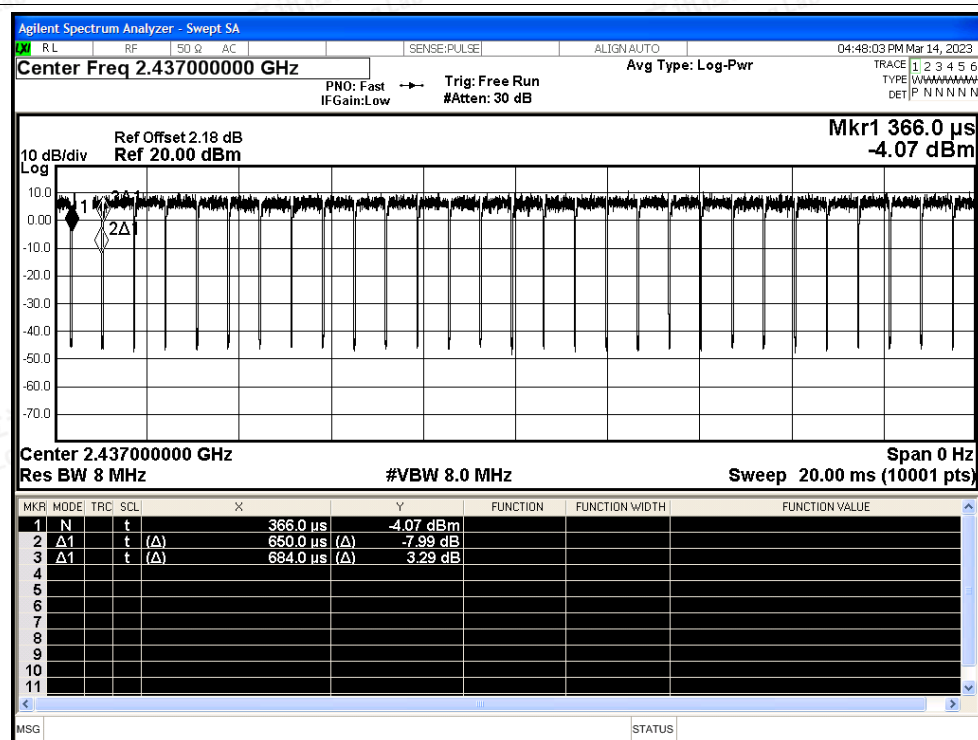
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

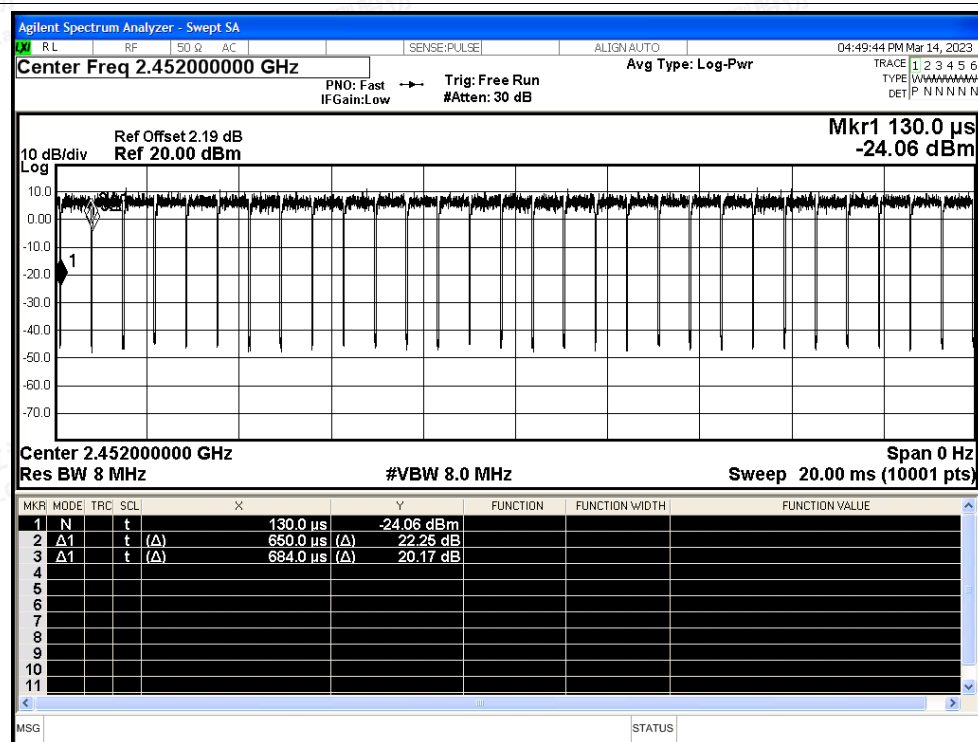
Scan code to check authenticity



## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1



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## C.7 Restrict Band

| 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            | -50.4       | 2          | 46.86      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -60.49      | 2          | 36.77      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2389.326        | -44.95      | 2          | 52.31      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2387.571        | -58.04      | 2          | 39.22      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -47.41      | 2          | 49.85      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -58.21      | 2          | 39.05      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -47.9       | 2          | 49.36      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -58.64      | 2          | 38.62      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2487.227        | -45.28      | 2          | 51.98      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2487.174        | -57.5       | 2          | 39.76      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -49.9       | 2          | 47.36      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -59.89      | 2          | 37.37      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -50.93      | 2          | 46.33      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -60.06      | 2          | 37.2       | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2388.741        | -41.19      | 2          | 56.07      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.911        | -54.71      | 2          | 42.55      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -44.9       | 2          | 52.36      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -54.54      | 2          | 42.72      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -40.45      | 2          | 56.81      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -54.66      | 2          | 42.6       | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.57         | -40.05      | 2          | 57.21      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2487.81         | -54.53      | 2          | 42.73      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -51.17      | 2          | 46.09      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -59.2       | 2          | 38.06      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -49.6       | 2          | 47.66      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -60.16      | 2          | 37.1       | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.911        | -42.34      | 2          | 54.92      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.911        | -55.38      | 2          | 41.88      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -42.55      | 2          | 54.71      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -55.46      | 2          | 41.8       | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -44.06      | 2          | 53.2       | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -55.76      | 2          | 41.5       | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2484.471        | -38.38      | 2          | 58.88      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2487.863        | -55.46      | 2          | 41.8       | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -50.13      | 2          | 47.13      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -59.29      | 2          | 37.97      | Average  | 54             | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 2310            | -51.66      | 2          | 45.6       | Peak     | 74             | Pass    |



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|      |     |      |      |          |        |   |       |         |    |      |
|------|-----|------|------|----------|--------|---|-------|---------|----|------|
| NVNT | n40 | 2422 | Ant1 | 2310     | -59.67 | 2 | 37.59 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.094 | -45.37 | 2 | 51.89 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.946 | -55.78 | 2 | 41.48 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -45.56 | 2 | 51.7  | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -55.78 | 2 | 41.48 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -45.06 | 2 | 52.2  | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -54.64 | 2 | 42.62 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2487.988 | -37.2  | 2 | 60.06 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2488.144 | -53.54 | 2 | 43.72 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -50.09 | 2 | 47.17 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -59.17 | 2 | 38.09 | Average | 54 | Pass |

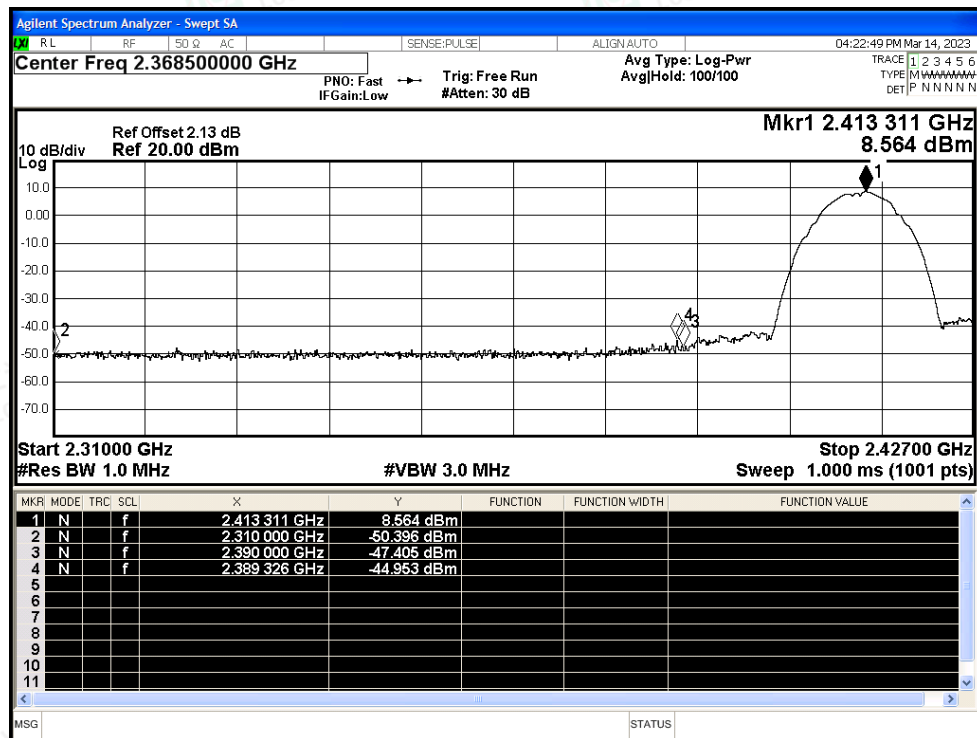




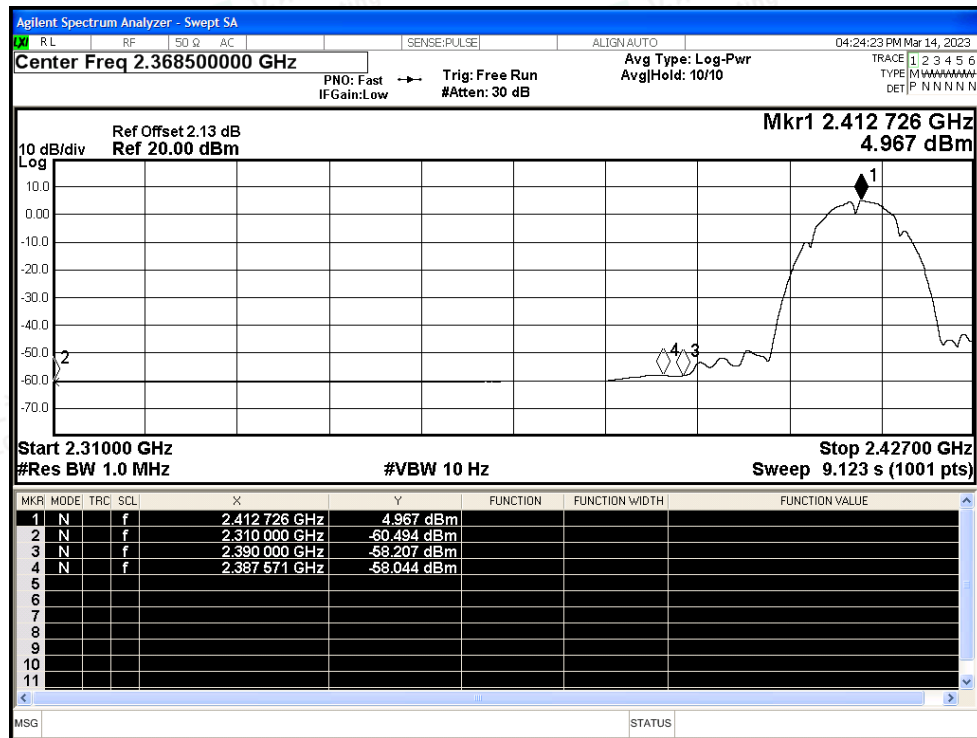


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak



## Restrict Band NVNT b 2412MHz 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

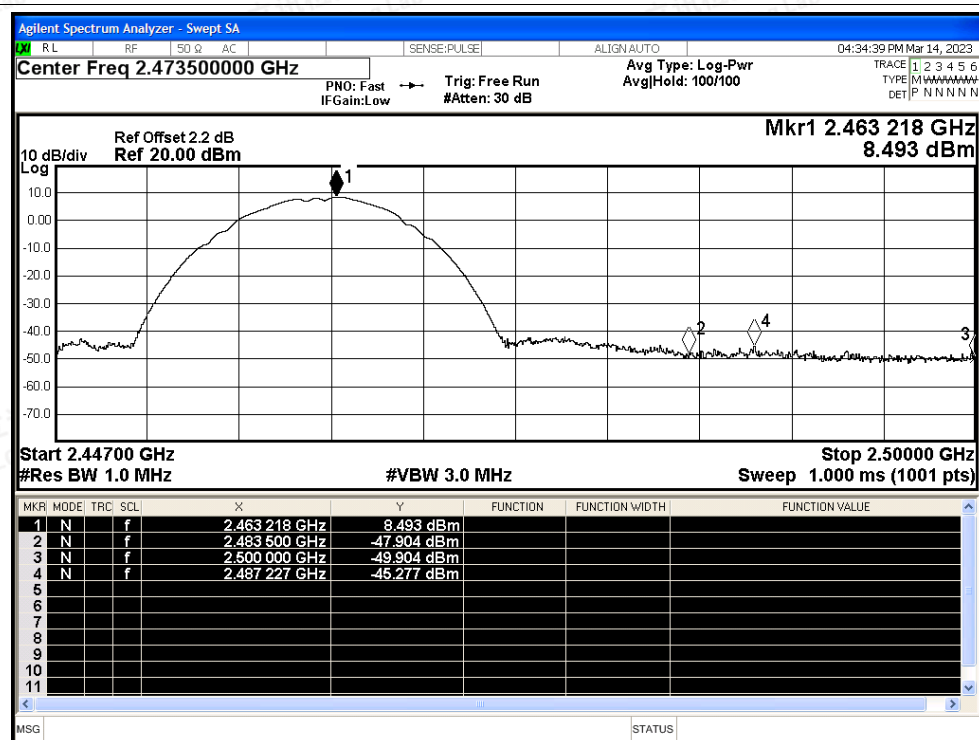
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

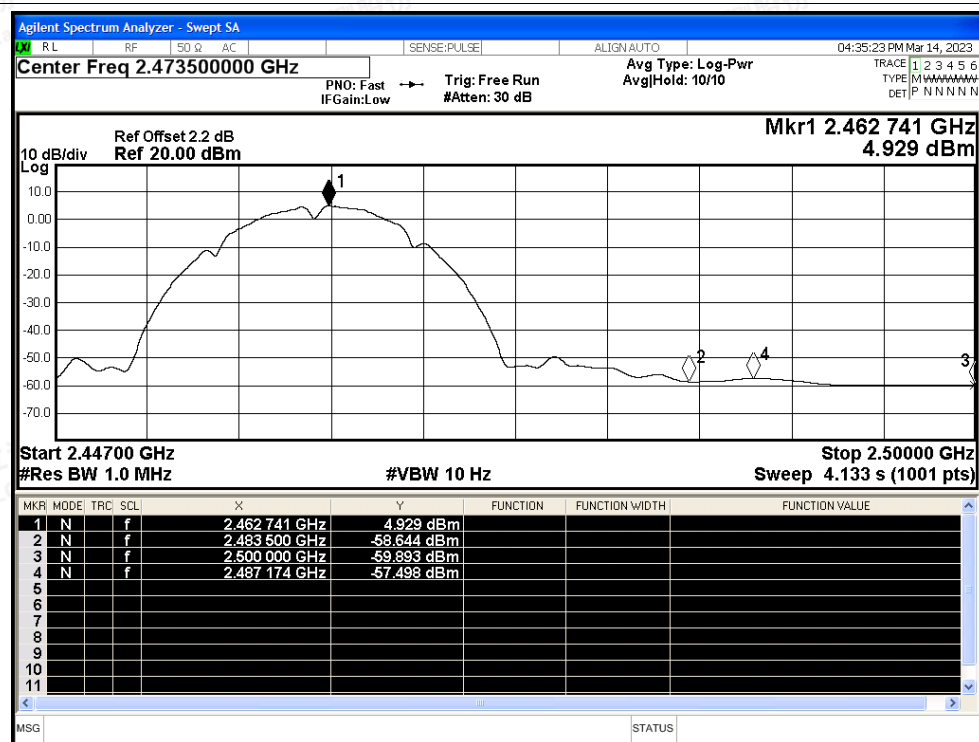




## Restrict Band NVNT b 2462MHz Ant1 Peak



## Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

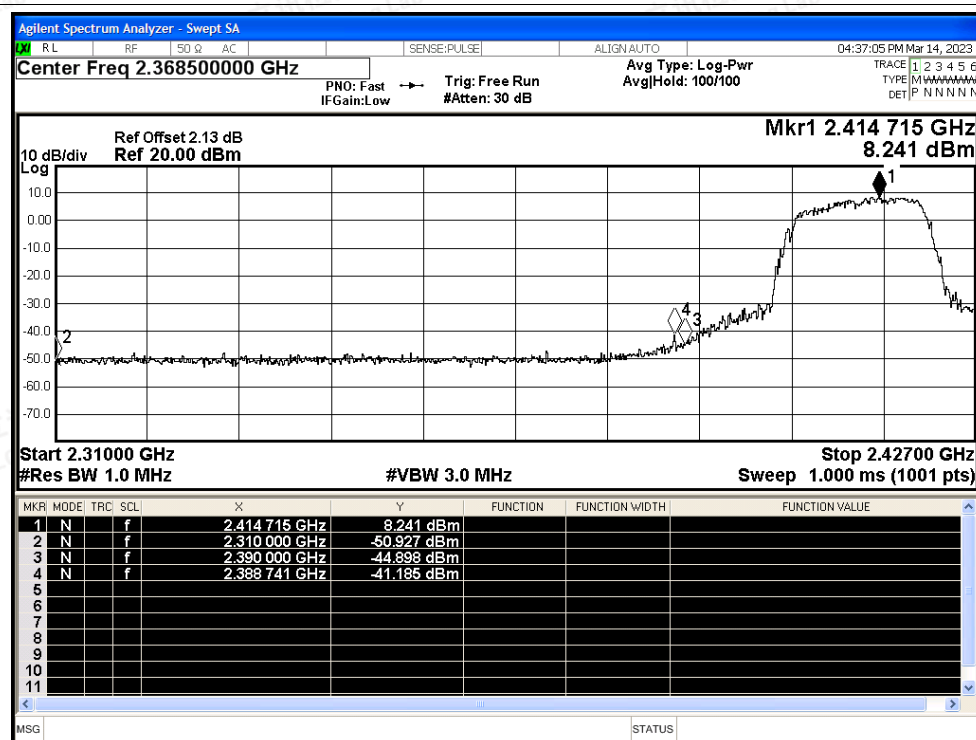
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

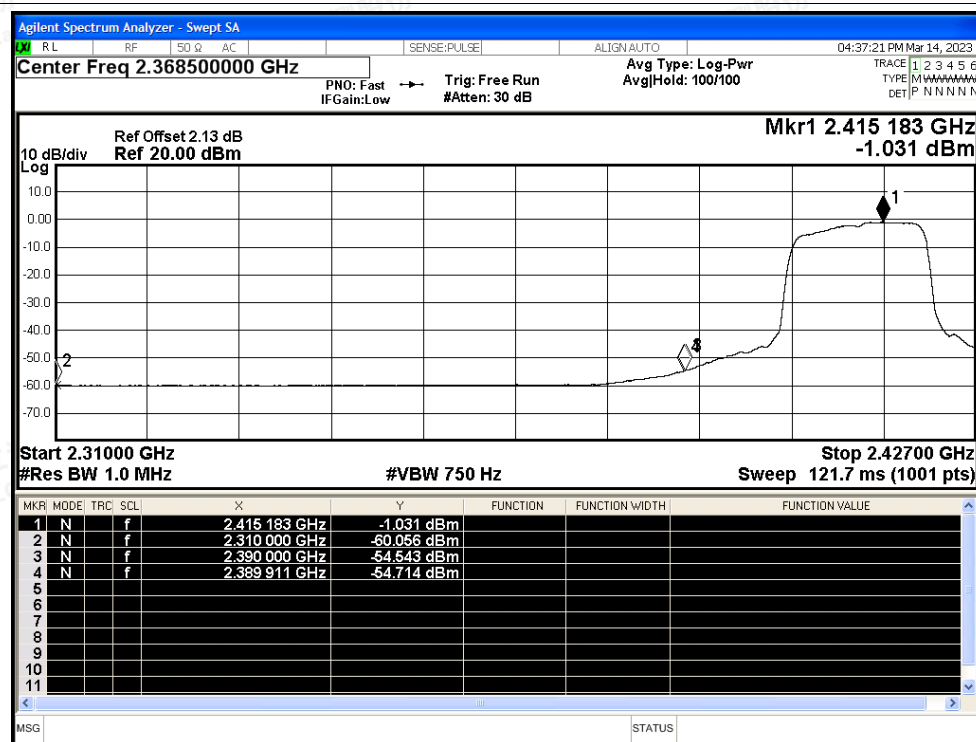
Scan code to check authenticity



## Restrict Band NVNT g 2412MHz Ant1 Peak



## Restrict Band NVNT g 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

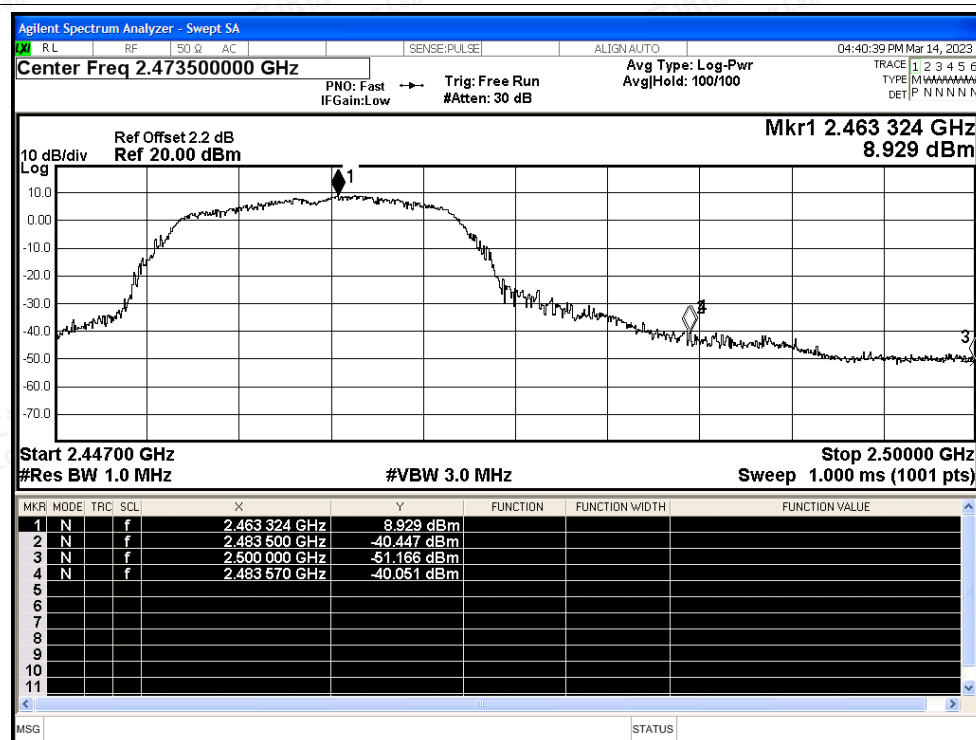
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

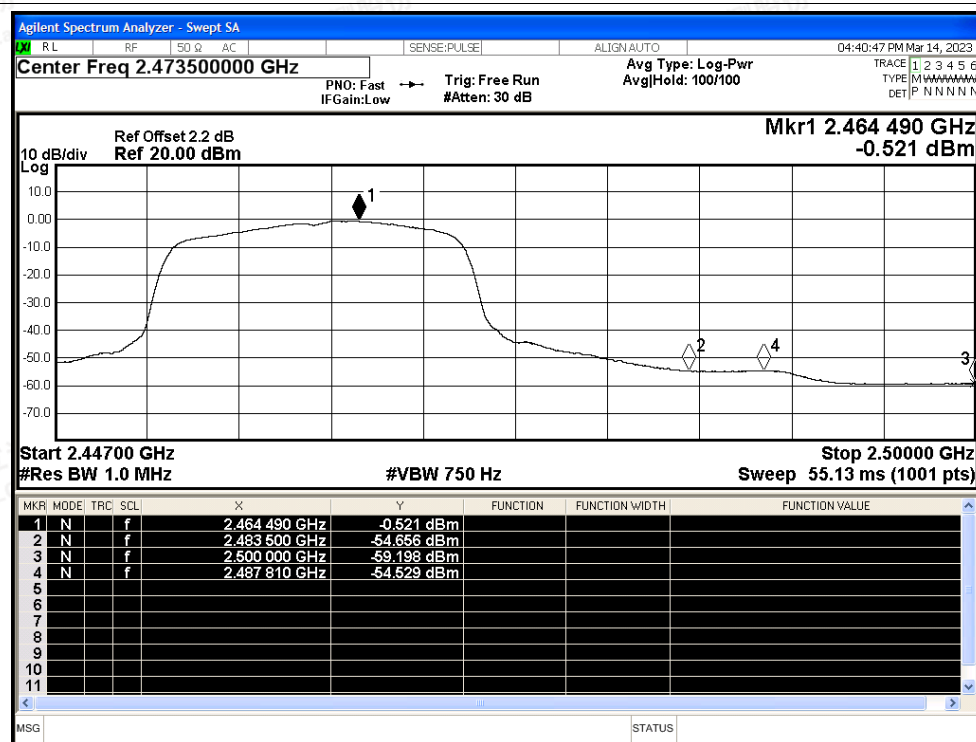
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## Restrict Band NVNT g 2462MHz Ant1 Peak



## Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

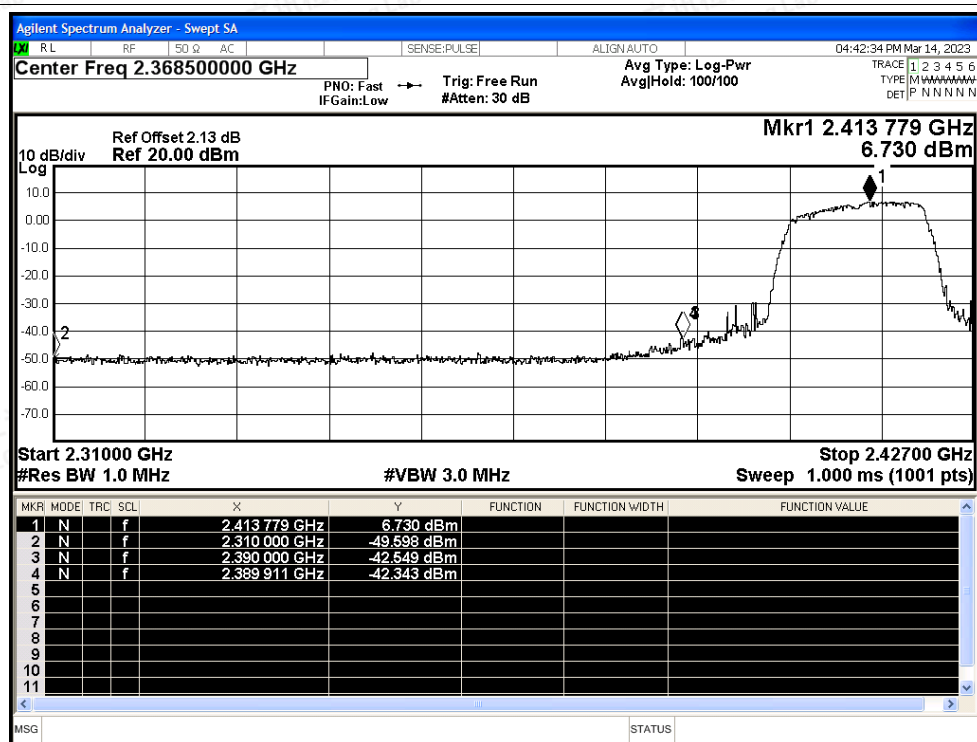
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

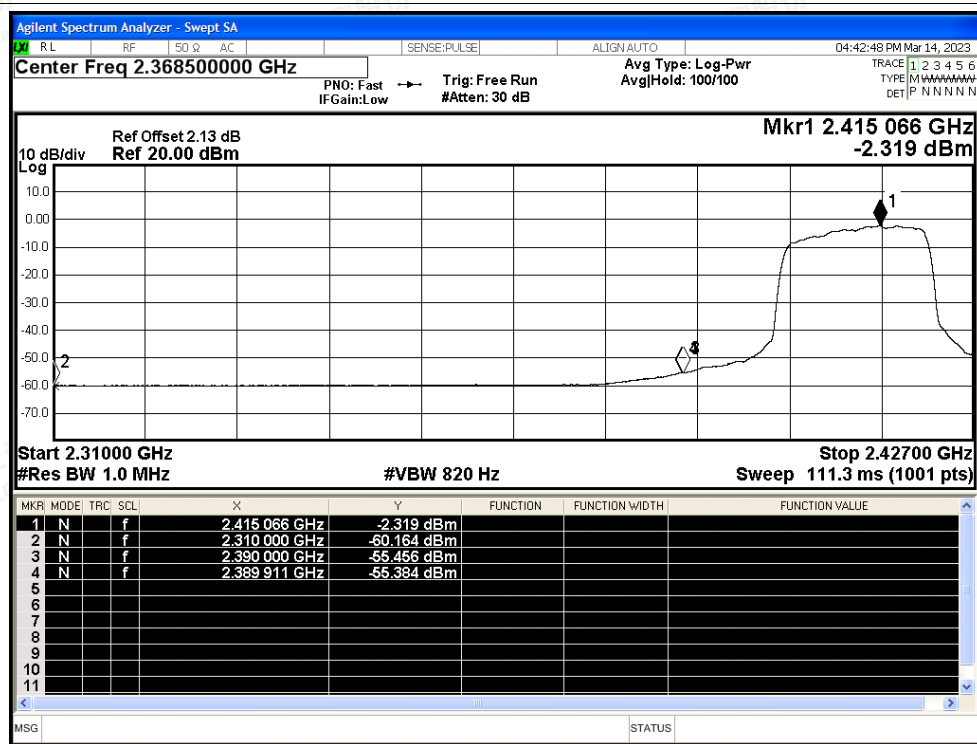
Scan code to check authenticity



## Restrict Band NVNT n20 2412MHz Ant1 Peak



## Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

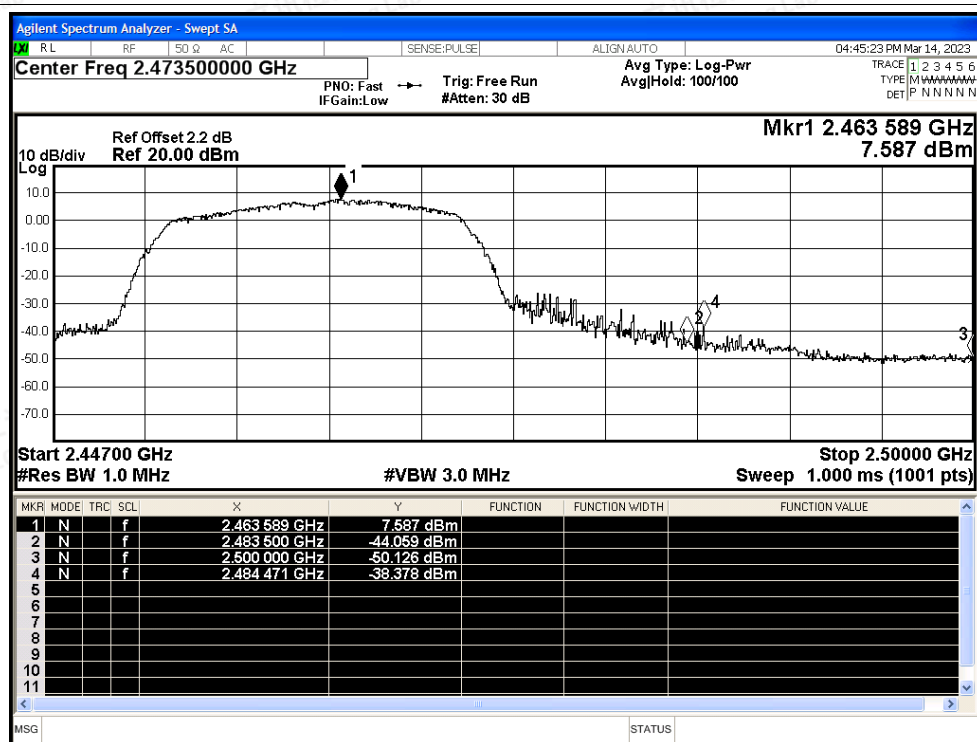
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

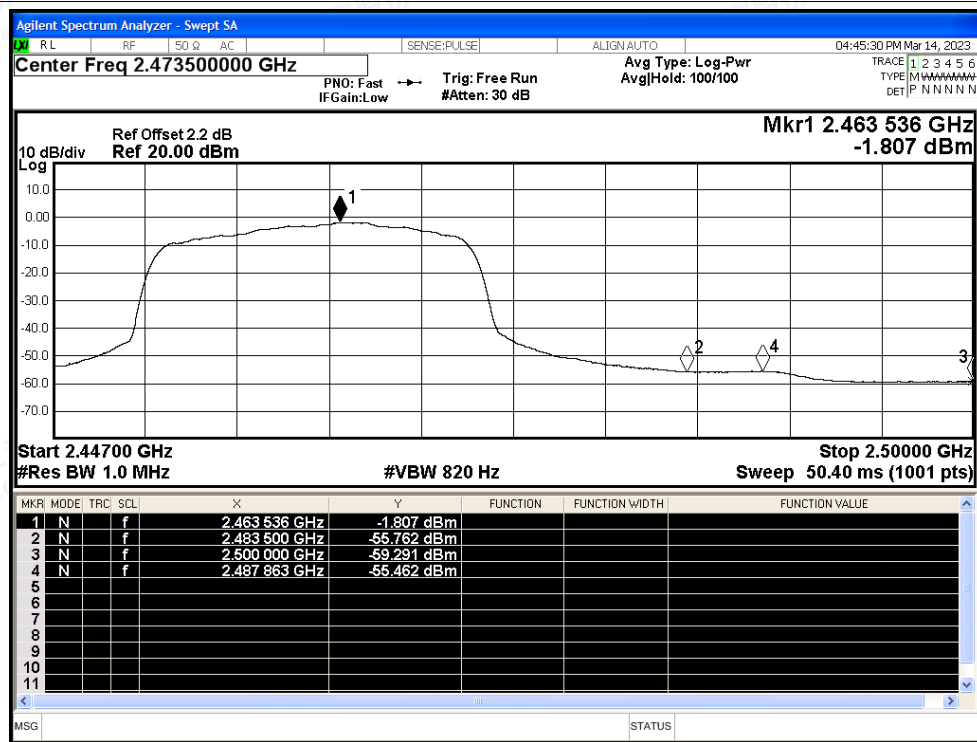
Scan code to check authenticity



## Restrict Band NVNT n20 2462MHz Ant1 Peak



## Restrict Band NVNT n20 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

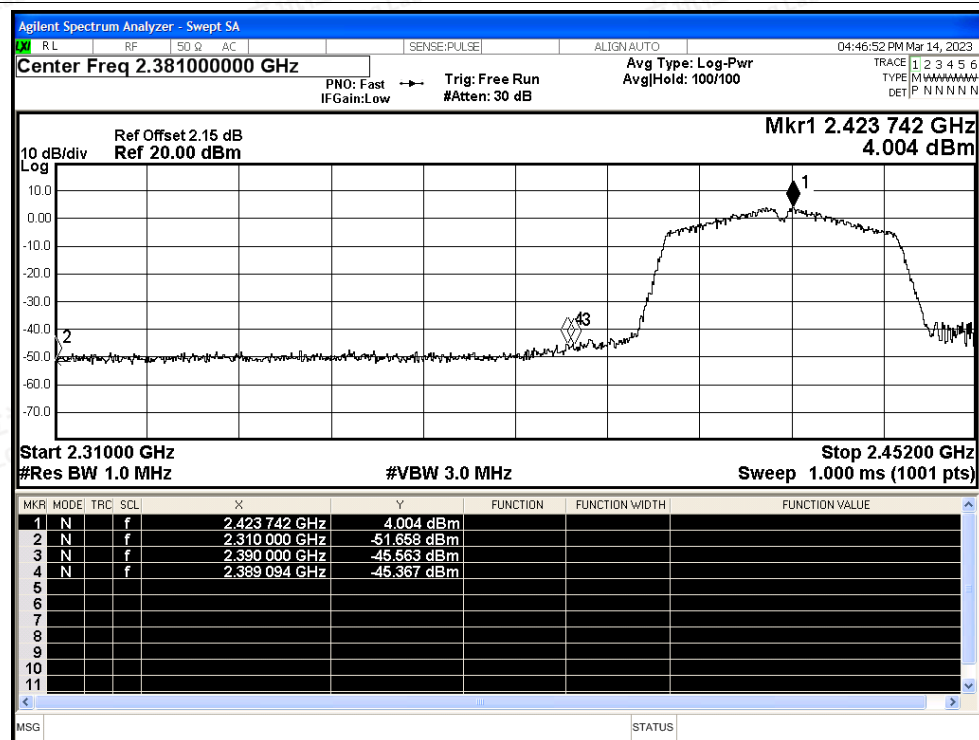
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

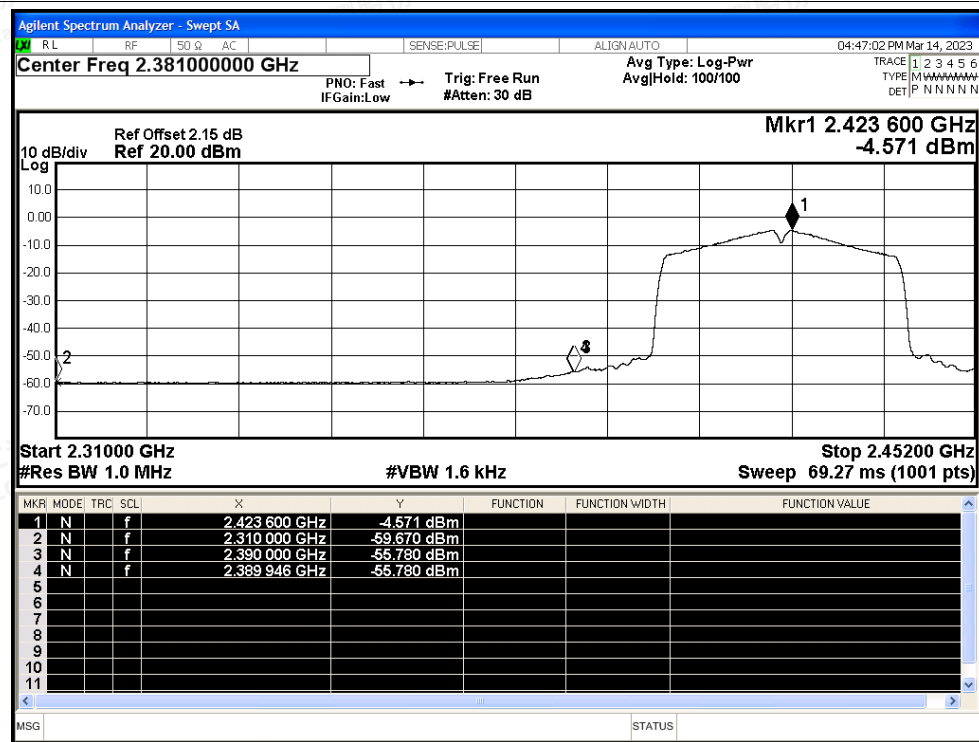
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## Restrict Band NVNT n40 2422MHz Ant1 Peak



## Restrict Band NVNT n40 2422MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

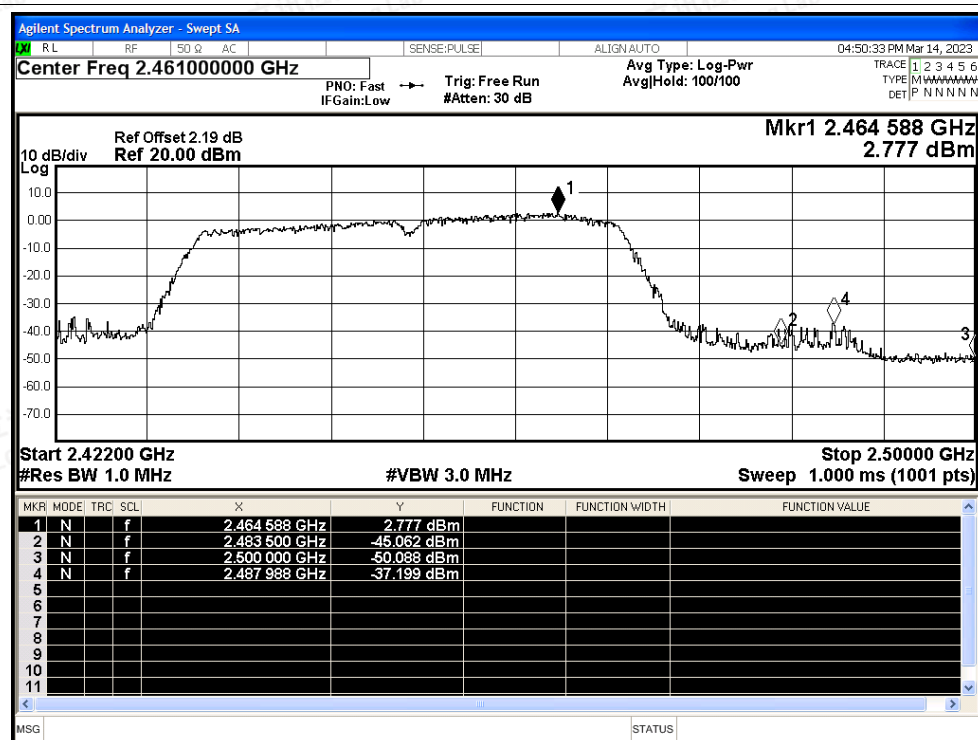
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

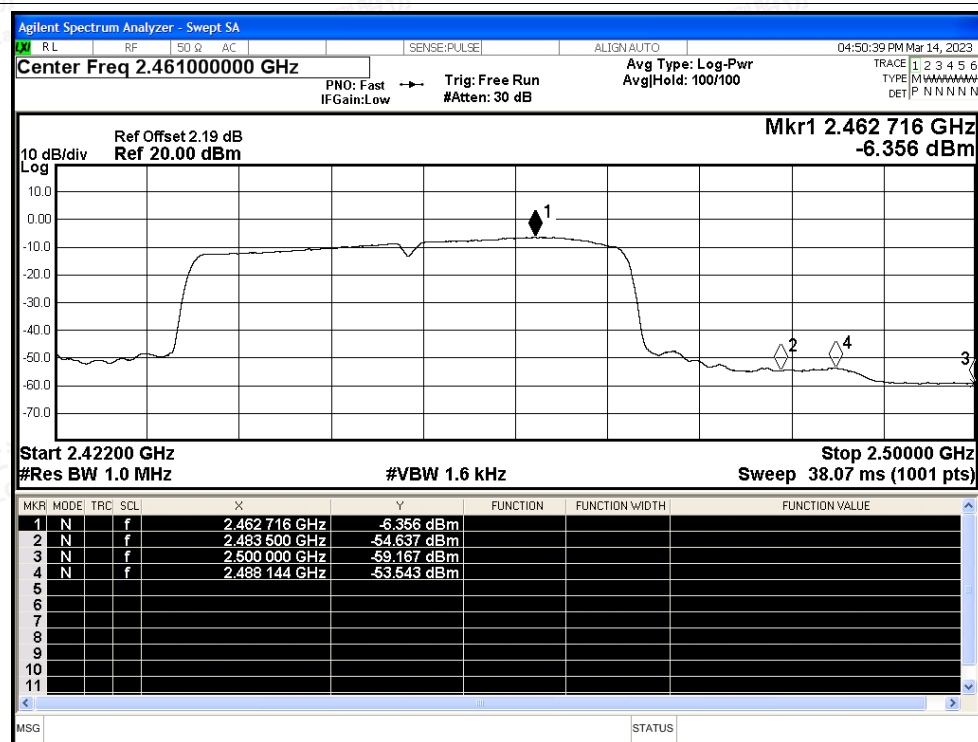
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## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz Ant1 Average



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