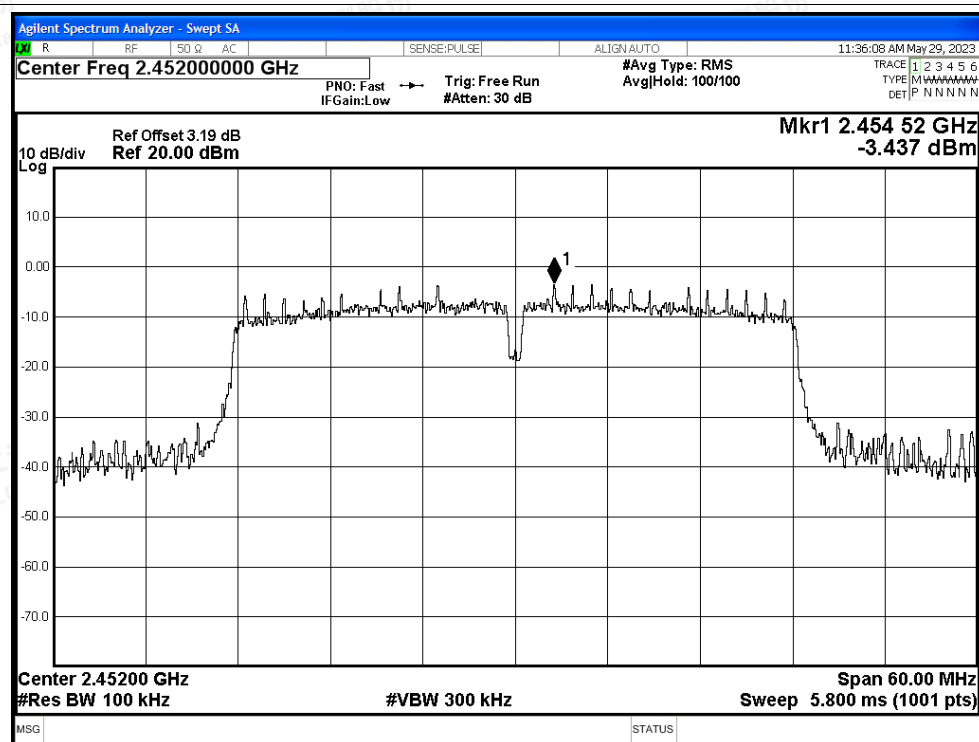
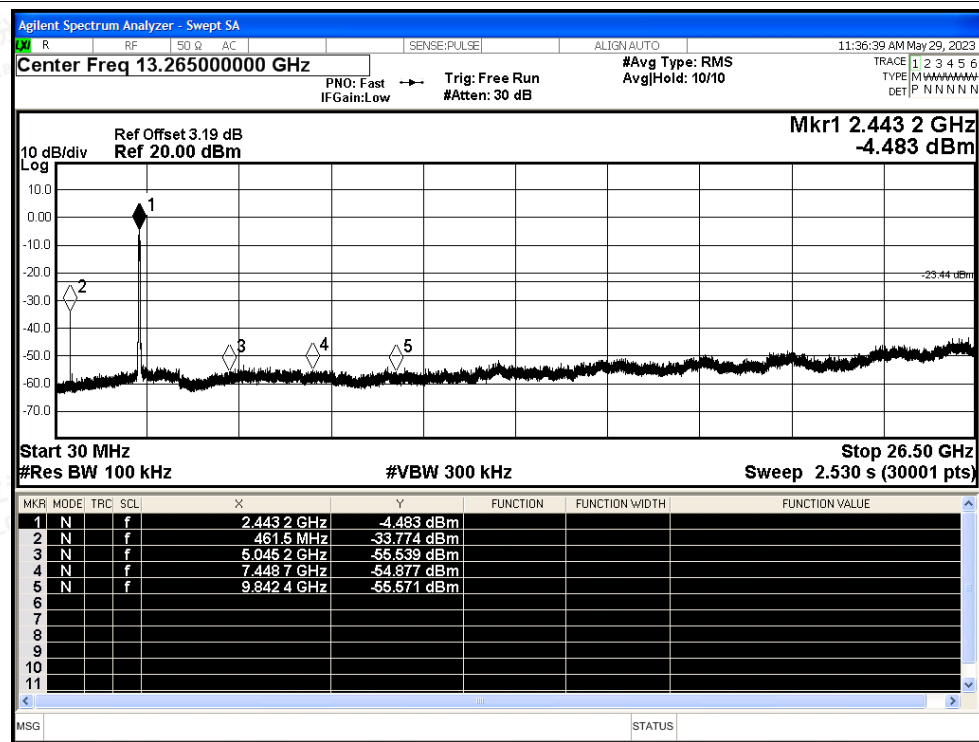




## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz 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



## C.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant0    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2437            | Ant0    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2462            | Ant0    | 99.67          | 0                      | 0.12      |
| NVNT      | g    | 2412            | Ant0    | 97.76          | 0.1                    | 0.72      |
| NVNT      | g    | 2437            | Ant0    | 97.62          | 0.1                    | 0.72      |
| NVNT      | g    | 2462            | Ant0    | 97.76          | 0.1                    | 0.72      |
| NVNT      | n20  | 2412            | Ant0    | 97.6           | 0.11                   | 0.77      |
| NVNT      | n20  | 2437            | Ant0    | 97.6           | 0.11                   | 0.77      |
| NVNT      | n20  | 2462            | Ant0    | 97.46          | 0.11                   | 0.77      |
| NVNT      | n40  | 2422            | Ant0    | 95.31          | 0.21                   | 1.54      |
| NVNT      | n40  | 2437            | Ant0    | 95.31          | 0.21                   | 1.54      |
| NVNT      | n40  | 2452            | Ant0    | 95.03          | 0.22                   | 1.54      |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

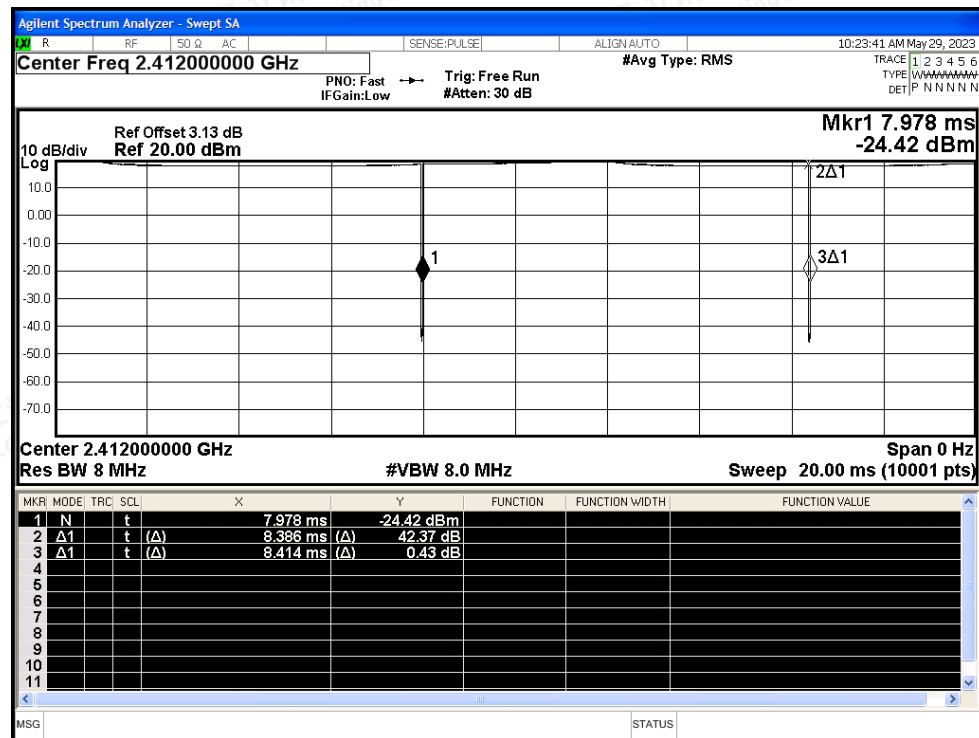
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

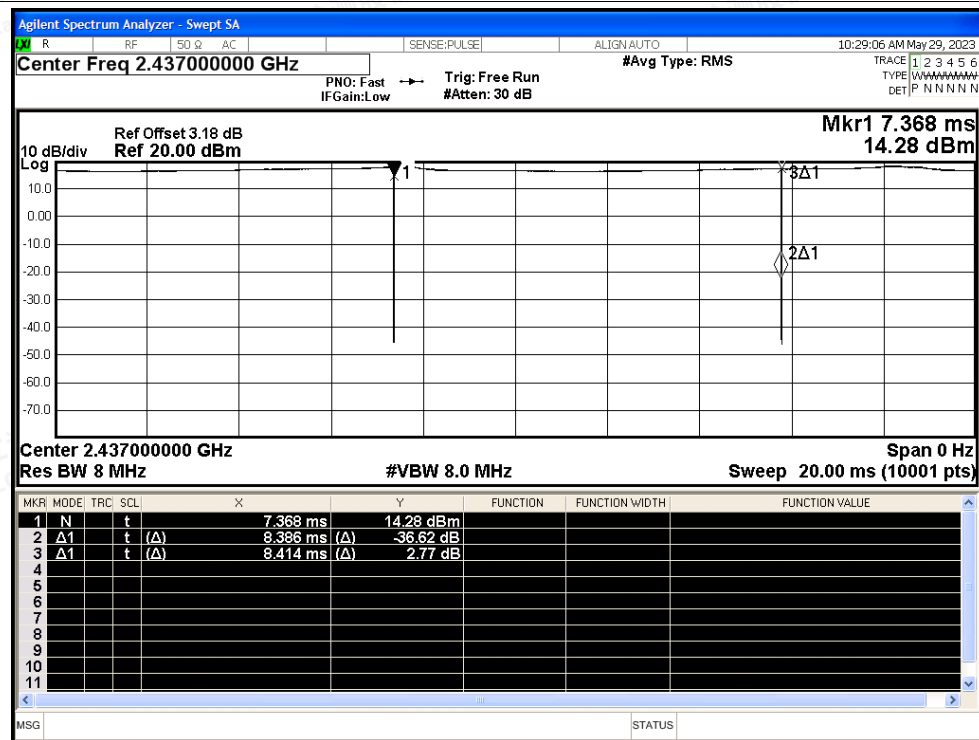


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant0



## Duty Cycle NVNT b 2437MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

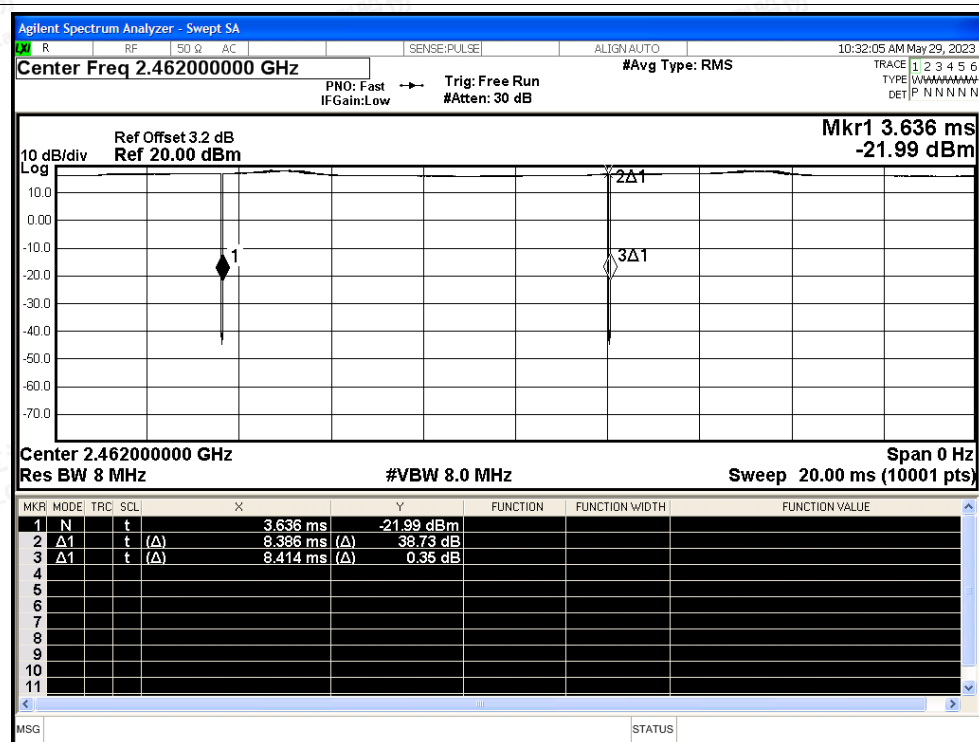
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

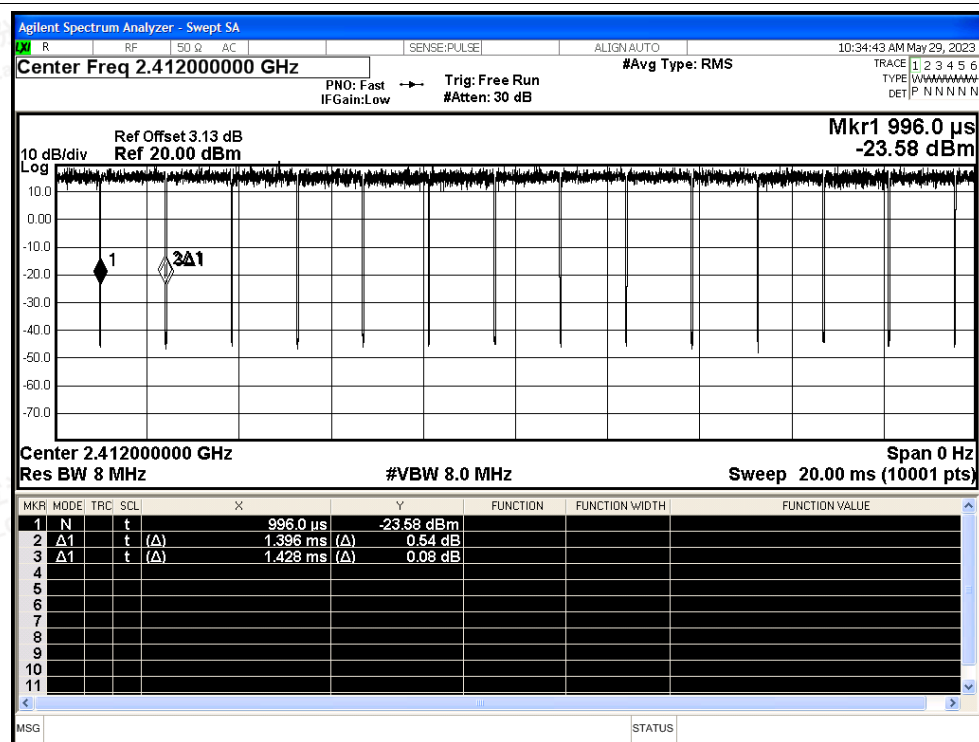
Scan code to check authenticity



## Duty Cycle NVNT b 2462MHz Ant0



## Duty Cycle NVNT g 2412MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

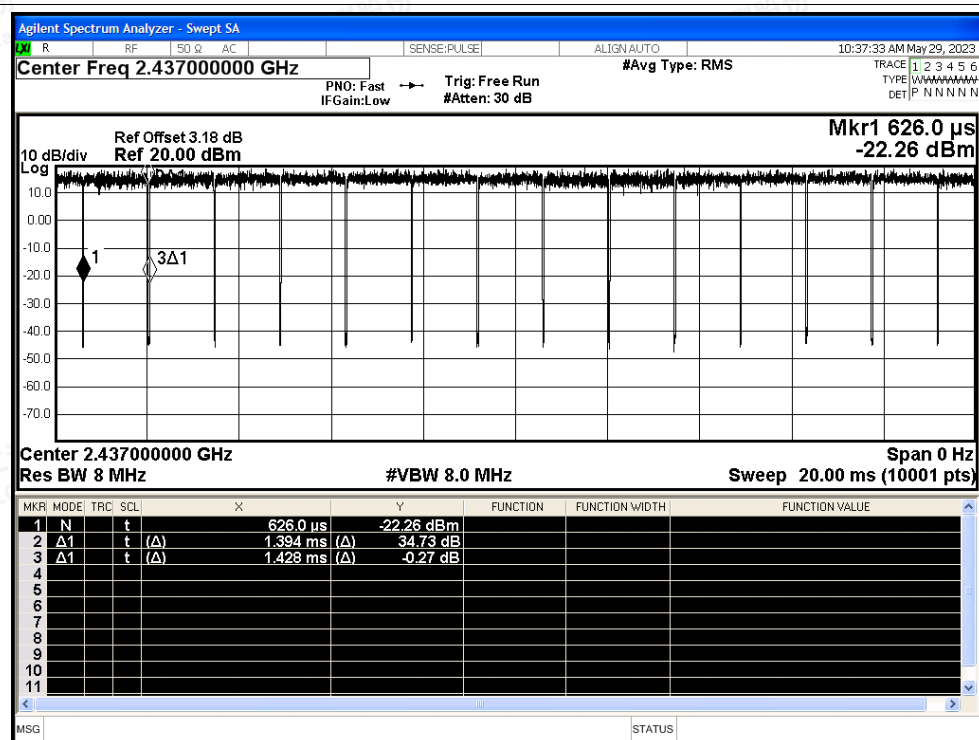
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

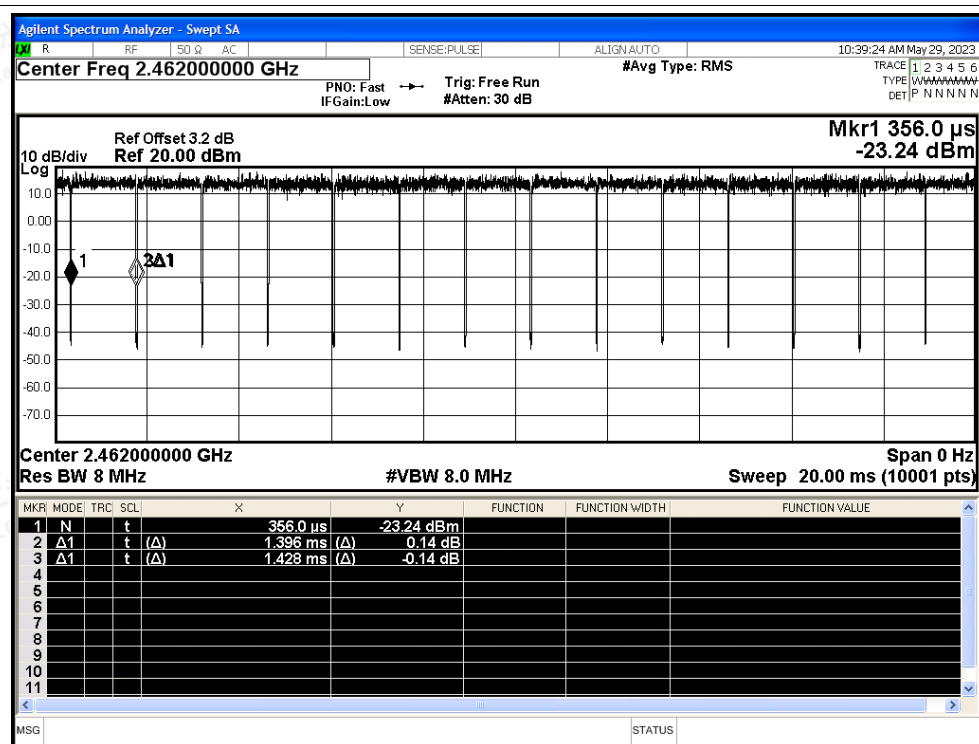
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant0



## Duty Cycle NVNT g 2462MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

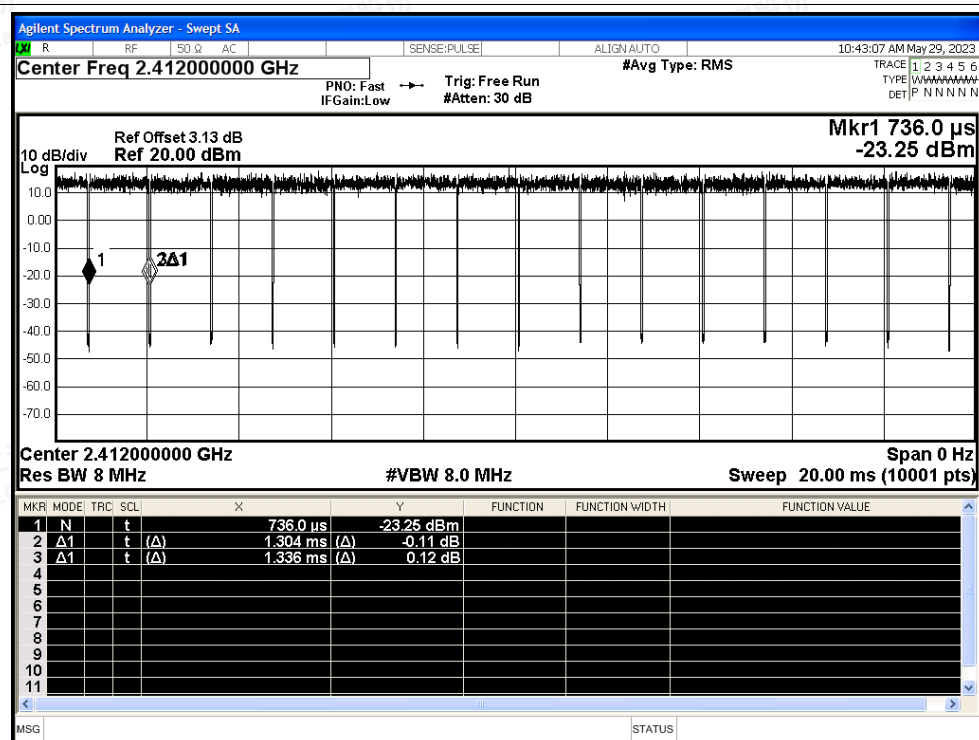
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

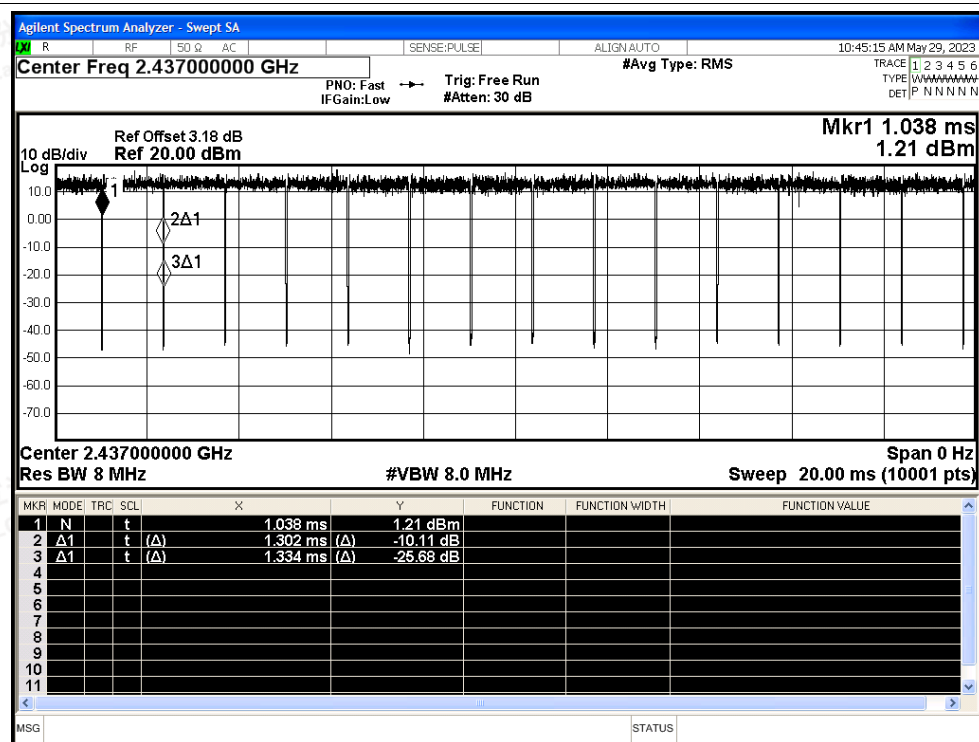
Scan code to check authenticity



## Duty Cycle NVNT n20 2412MHz Ant0



## Duty Cycle NVNT n20 2437MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

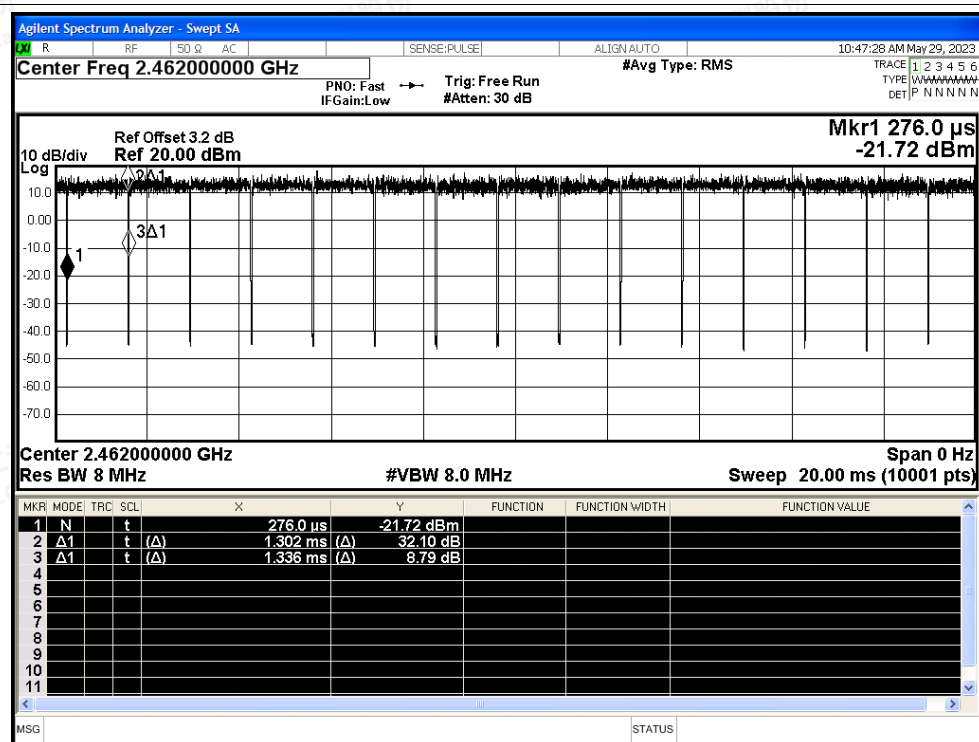
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

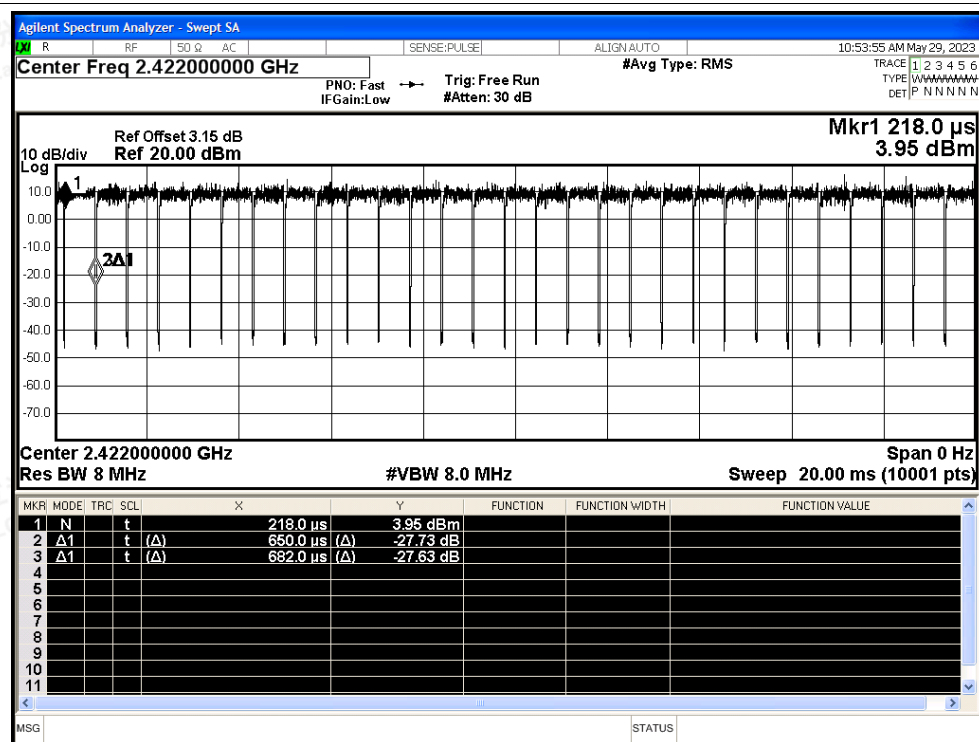
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant0



## Duty Cycle NVNT n40 2422MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

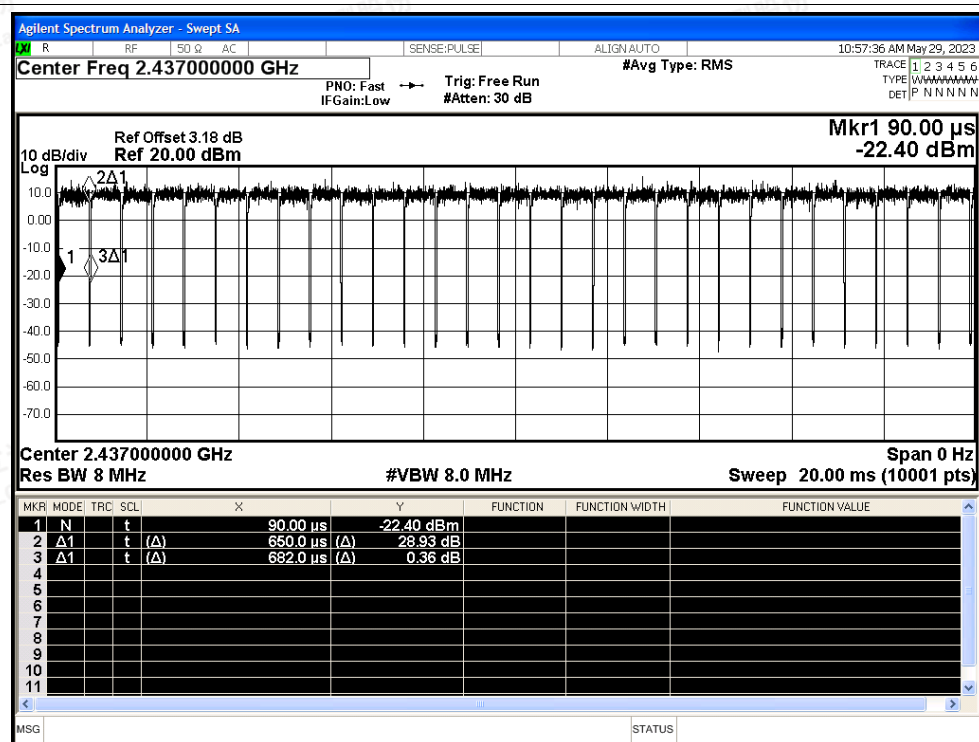
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

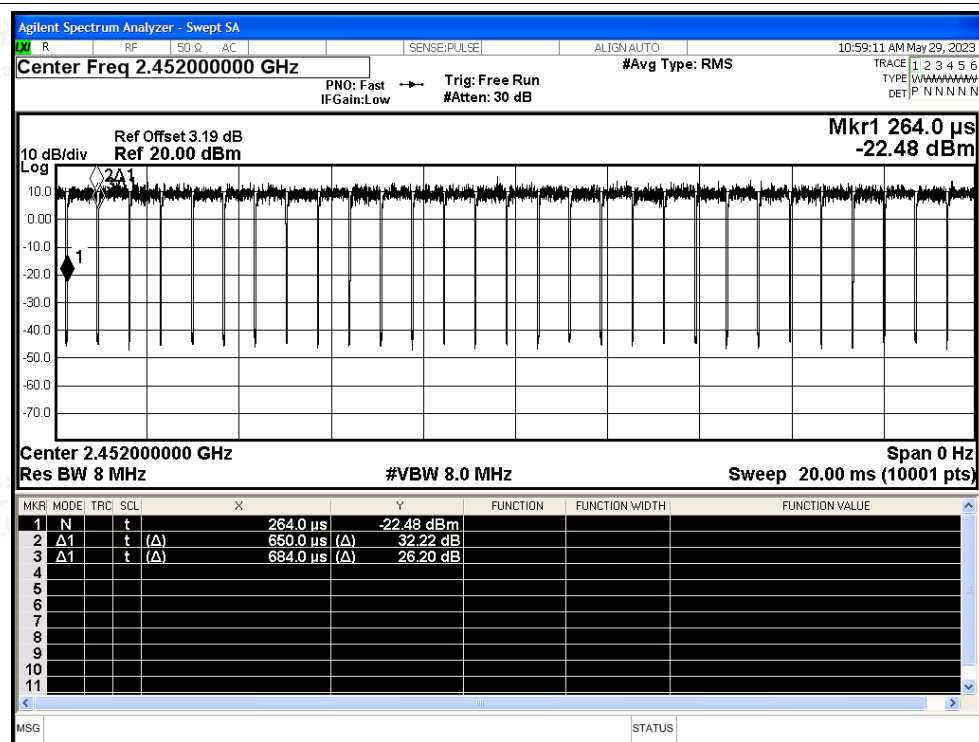
Scan code to check authenticity



## Duty Cycle NVNT n40 2437MHz Ant0



## Duty Cycle NVNT n40 2452MHz Ant0



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



| 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    | 97.76          | 0.1                    | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 97.76          | 0.1                    | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 97.62          | 0.1                    | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 97.46          | 0.11                   | 0.77      |
| NVNT      | n20  | 2437            | Ant1    | 97.6           | 0.11                   | 0.77      |
| NVNT      | n20  | 2462            | Ant1    | 97.46          | 0.11                   | 0.77      |
| NVNT      | n40  | 2422            | Ant1    | 95.31          | 0.21                   | 1.54      |
| NVNT      | n40  | 2437            | Ant1    | 95.03          | 0.22                   | 1.54      |
| NVNT      | n40  | 2452            | Ant1    | 95.31          | 0.21                   | 1.54      |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

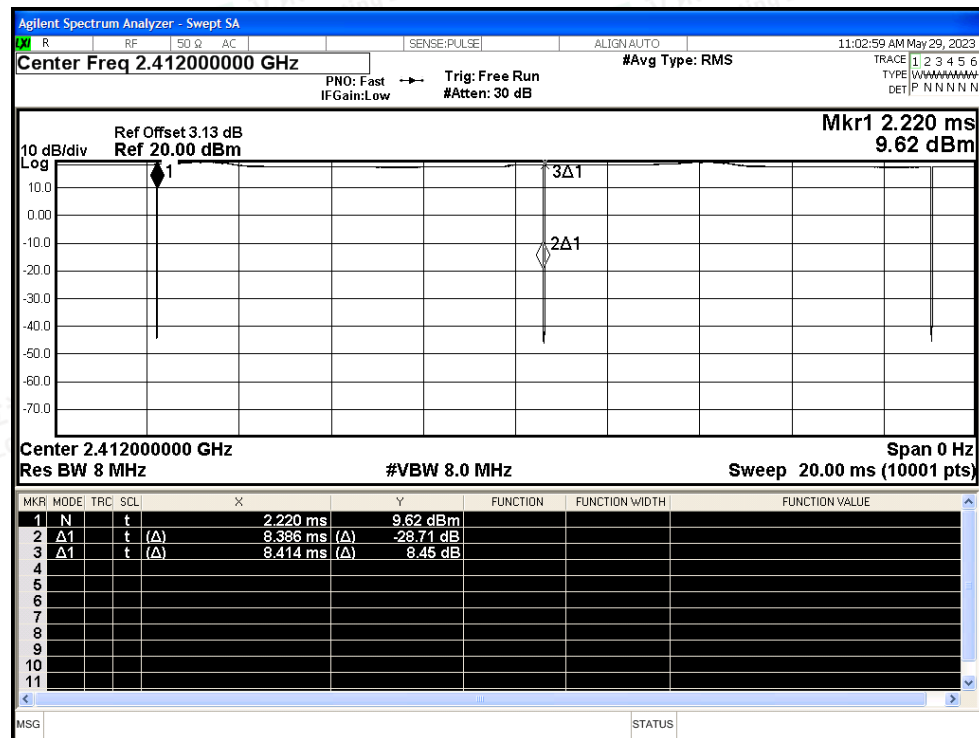
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

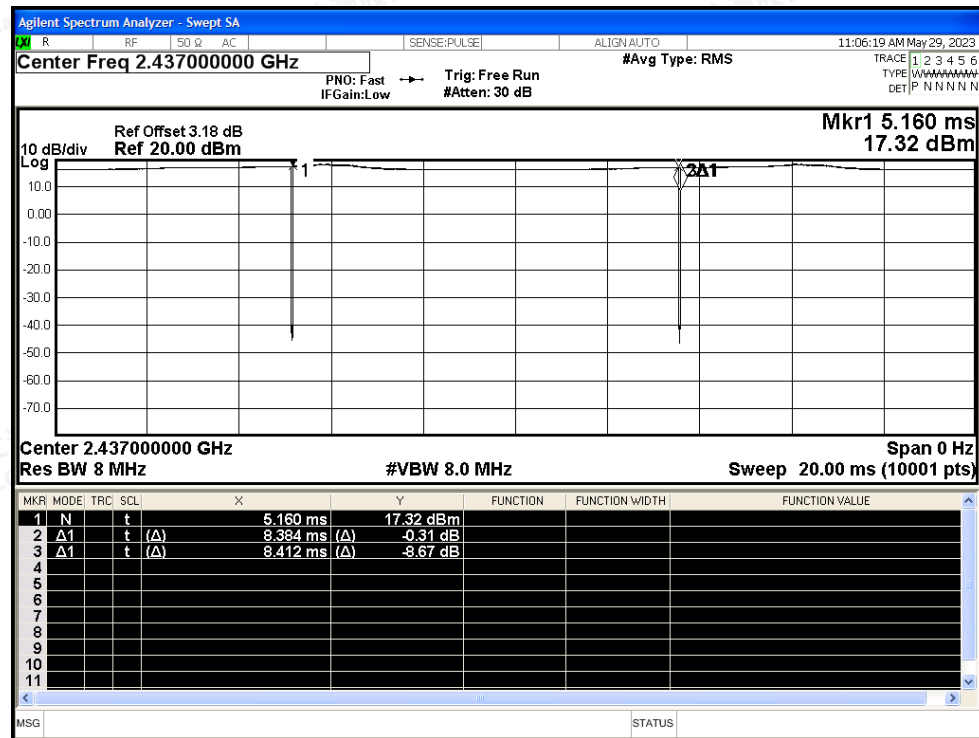


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1



## Duty Cycle NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

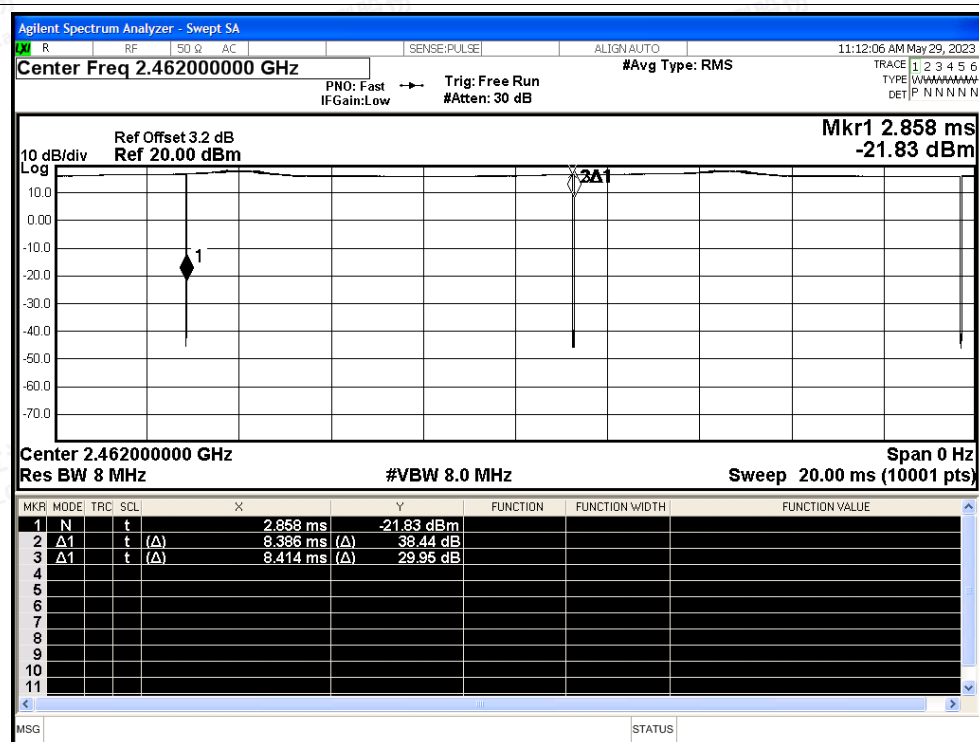
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

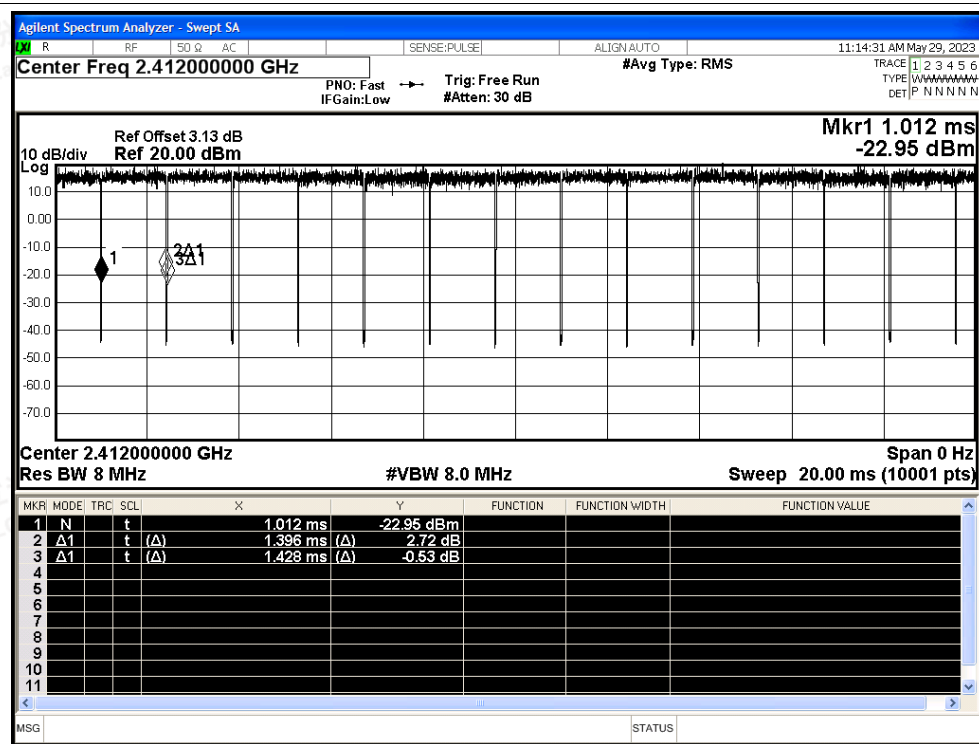
Scan code to check authenticity



## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

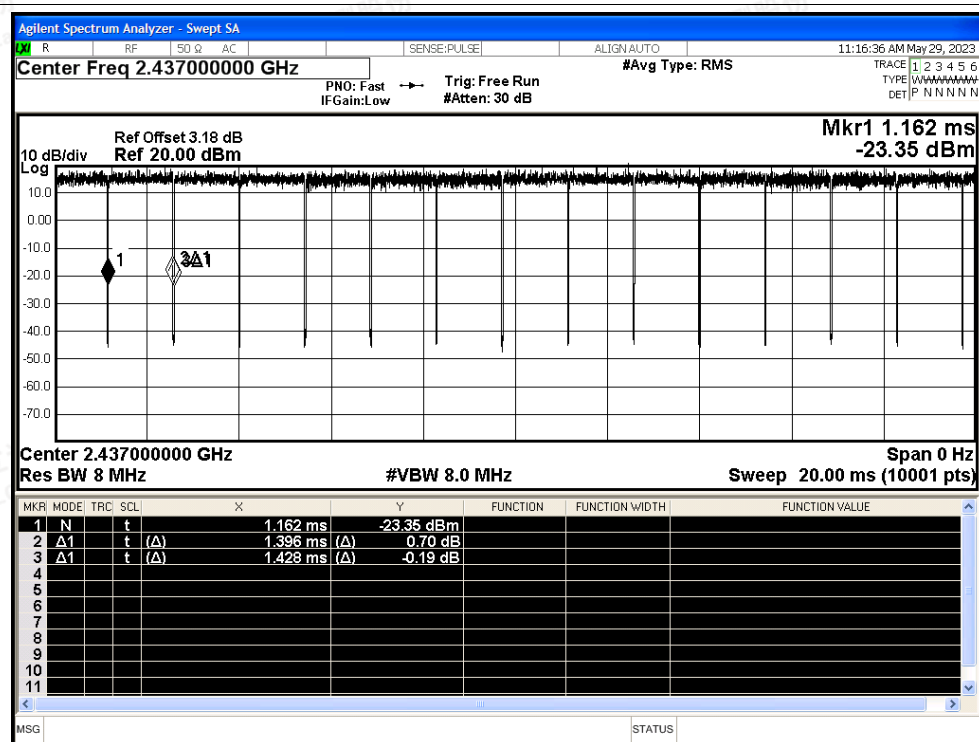
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

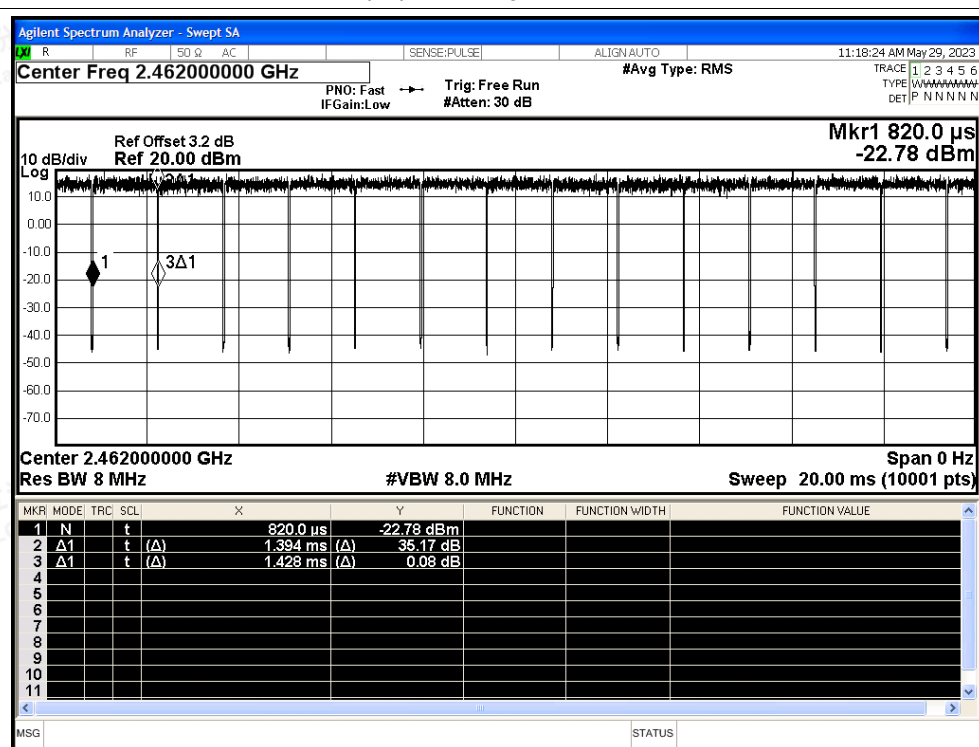
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1



## Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

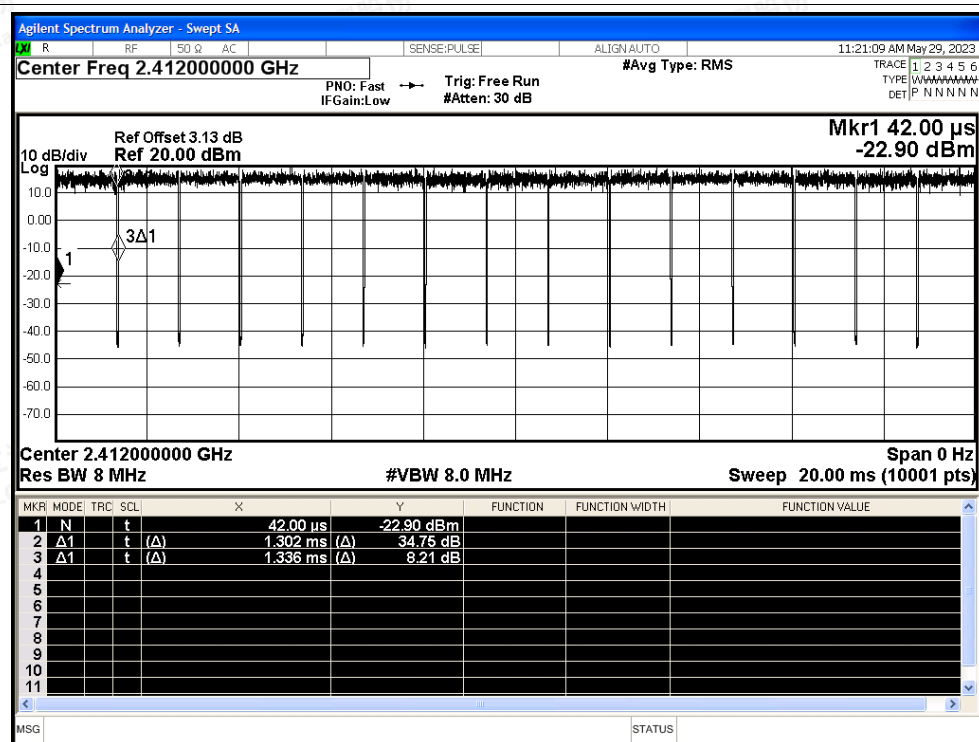
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

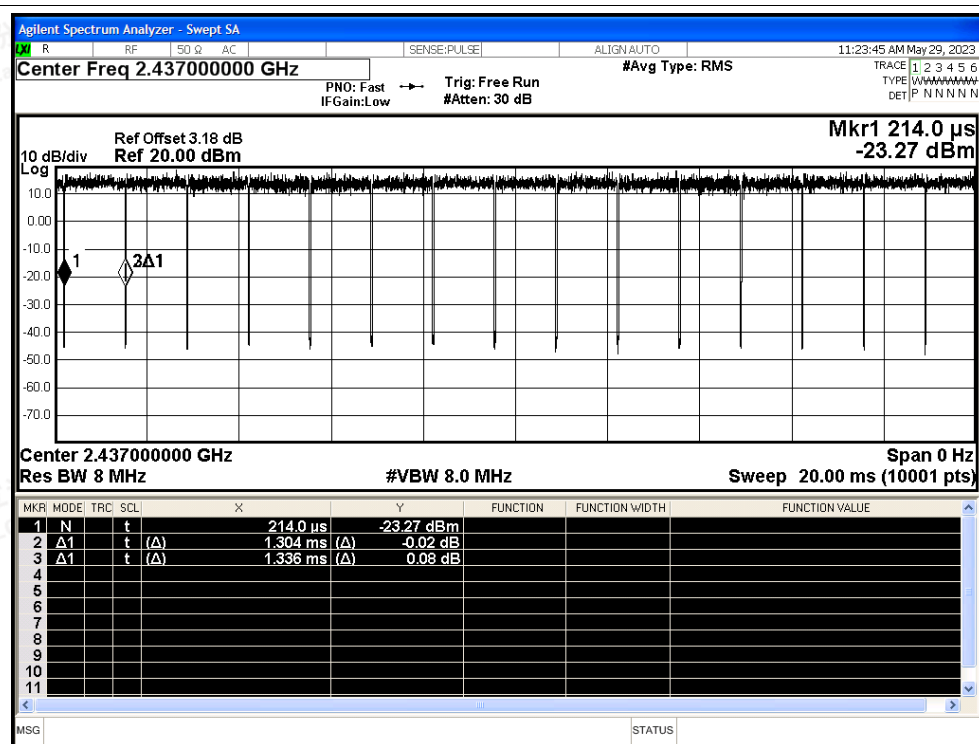
Scan code to check authenticity



## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

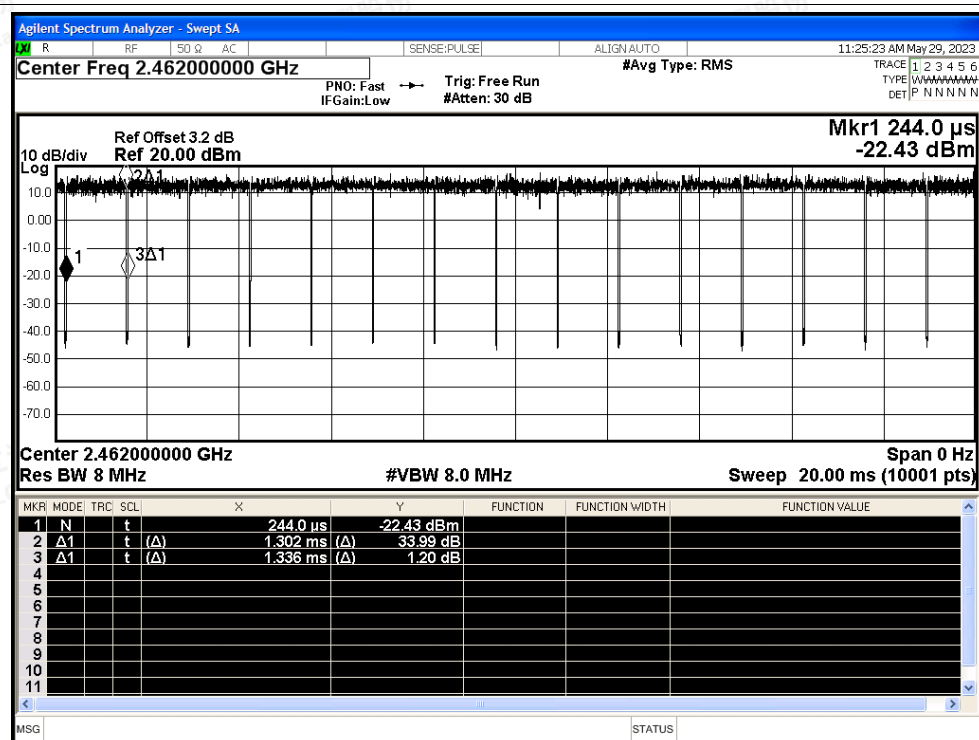
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

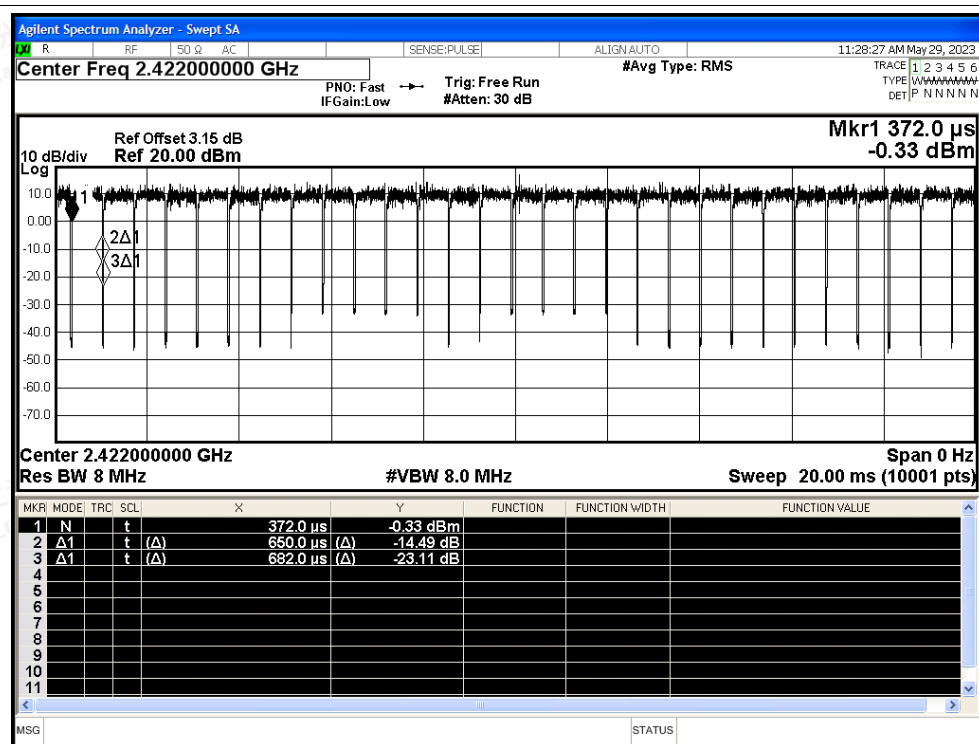
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant1



## Duty Cycle NVNT n40 2422MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

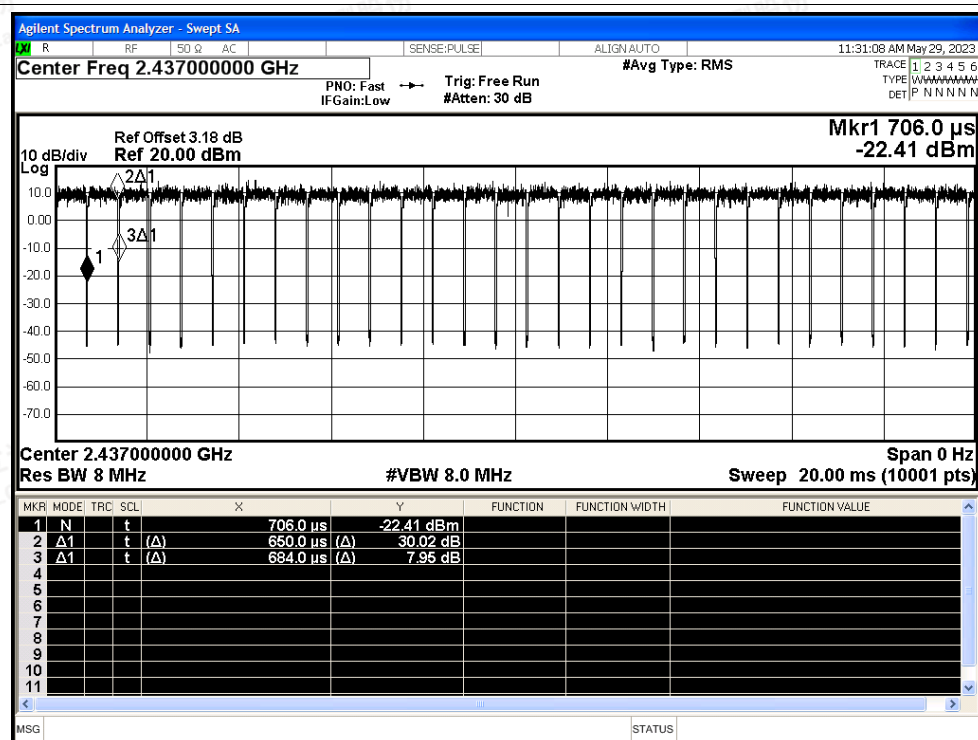
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

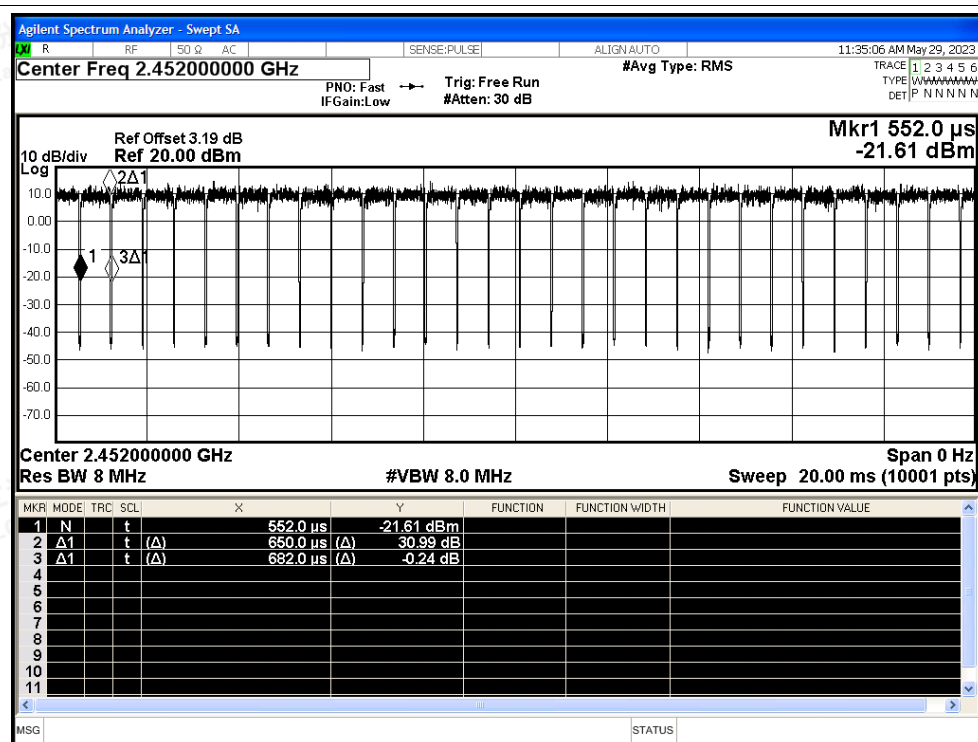
Scan code to check authenticity



## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz 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



## C.7 Restrict Band

| Condition | Mode     | Frequency (MHz) | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|----------|-----------------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | b Ant0   | 2412            | 2310            | -49.41      | 3.35       | 49.20      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2412            | 2310            | -57.2       | 3.35       | 41.41      | Average  | 54             | Pass    |
| NVNT      | b Ant0   | 2412            | 2385.348        | -46.31      | 3.35       | 52.30      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2412            | 2387.922        | -56.46      | 3.35       | 42.15      | Average  | 54             | Pass    |
| NVNT      | b Ant0   | 2412            | 2390            | -50.39      | 3.35       | 48.22      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2412            | 2390            | -56.68      | 3.35       | 41.93      | Average  | 54             | Pass    |
| NVNT      | b Ant0   | 2462            | 2483.5          | -49.22      | 3.35       | 49.39      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2462            | 2483.5          | -56.4       | 3.35       | 42.21      | Average  | 54             | Pass    |
| NVNT      | b Ant0   | 2462            | 2489.506        | -45.25      | 3.35       | 53.36      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2462            | 2488.552        | -56.11      | 3.35       | 42.50      | Average  | 54             | Pass    |
| NVNT      | b Ant0   | 2462            | 2500            | -47.64      | 3.35       | 50.97      | Peak     | 74             | Pass    |
| NVNT      | b Ant0   | 2462            | 2500            | -56.52      | 3.35       | 42.09      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2412            | 2310            | -50.09      | 3.35       | 48.52      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2412            | 2310            | -56.85      | 3.35       | 41.76      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2412            | 2337.378        | -46.13      | 3.35       | 52.48      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2412            | 2389.209        | -55.59      | 3.35       | 43.02      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2412            | 2390            | -49.53      | 3.35       | 49.08      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2412            | 2390            | -55.78      | 3.35       | 42.83      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2462            | 2483.5          | -47.83      | 3.35       | 50.78      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2462            | 2483.5          | -55.11      | 3.35       | 43.50      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2462            | 2485.531        | -46.13      | 3.35       | 52.48      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2462            | 2483.517        | -55.11      | 3.35       | 43.50      | Average  | 54             | Pass    |
| NVNT      | g Ant0   | 2462            | 2500            | -47.47      | 3.35       | 51.14      | Peak     | 74             | Pass    |
| NVNT      | g Ant0   | 2462            | 2500            | -56.31      | 3.35       | 42.30      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2310            | -50.74      | 6.34       | 50.86      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2310            | -56.81      | 6.34       | 44.79      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2389.911        | -46.32      | 6.34       | 55.28      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2389.677        | -55.46      | 6.34       | 46.14      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2390            | -48.04      | 6.34       | 53.56      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2412            | 2390            | -55.87      | 6.34       | 45.73      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2483.5          | -47.6       | 6.34       | 54.00      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2483.5          | -54.98      | 6.34       | 46.62      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2483.835        | -46.08      | 6.34       | 55.52      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2483.517        | -54.98      | 6.34       | 46.62      | Average  | 54             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2500            | -48.94      | 6.34       | 52.66      | Peak     | 74             | Pass    |
| NVNT      | n20 MIMO | 2462            | 2500            | -55.94      | 6.34       | 45.66      | Average  | 54             | Pass    |
| NVNT      | n40 MIMO | 2422            | 2310            | -49.92      | 6.34       | 51.68      | Peak     | 74             | Pass    |
| NVNT      | n40 MIMO | 2422            | 2310            | -56.82      | 6.34       | 44.78      | Average  | 54             | Pass    |
| NVNT      | n40 MIMO | 2422            | 2351.322        | -46.66      | 6.34       | 54.94      | Peak     | 74             | Pass    |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



|      |          |      |          |        |      |       |         |    |      |
|------|----------|------|----------|--------|------|-------|---------|----|------|
| NVNT | n40 MIMO | 2422 | 2389.946 | -55.09 | 6.34 | 46.51 | Average | 54 | Pass |
| NVNT | n40 MIMO | 2422 | 2390     | -49.22 | 6.34 | 52.38 | Peak    | 74 | Pass |
| NVNT | n40 MIMO | 2422 | 2390     | -55.09 | 6.34 | 46.51 | Average | 54 | Pass |
| NVNT | n40 MIMO | 2452 | 2483.5   | -46.92 | 6.34 | 54.68 | Peak    | 74 | Pass |
| NVNT | n40 MIMO | 2452 | 2483.5   | -54.26 | 6.34 | 47.34 | Average | 54 | Pass |
| NVNT | n40 MIMO | 2452 | 2485.258 | -45.21 | 6.34 | 56.39 | Peak    | 74 | Pass |
| NVNT | n40 MIMO | 2452 | 2483.854 | -54.23 | 6.34 | 47.37 | Average | 54 | Pass |
| NVNT | n40 MIMO | 2452 | 2500     | -49.56 | 6.34 | 52.04 | Peak    | 74 | Pass |
| NVNT | n40 MIMO | 2452 | 2500     | -56.09 | 6.34 | 45.51 | Average | 54 | Pass |

Note: 802.11b/g mode, only show the worst set of antenna data.



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

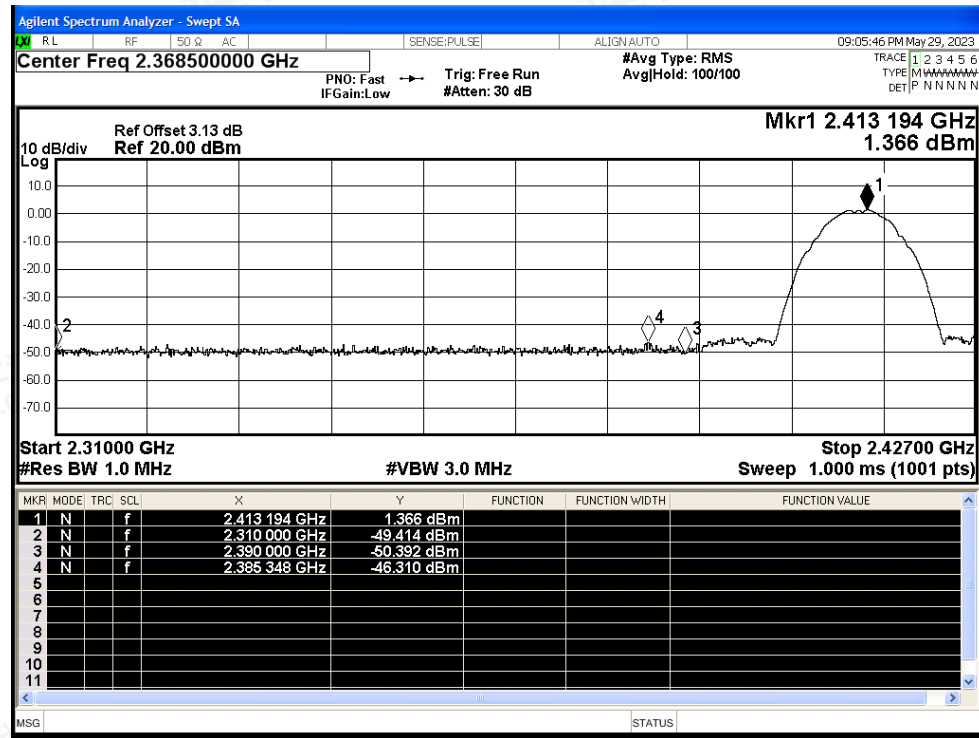
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

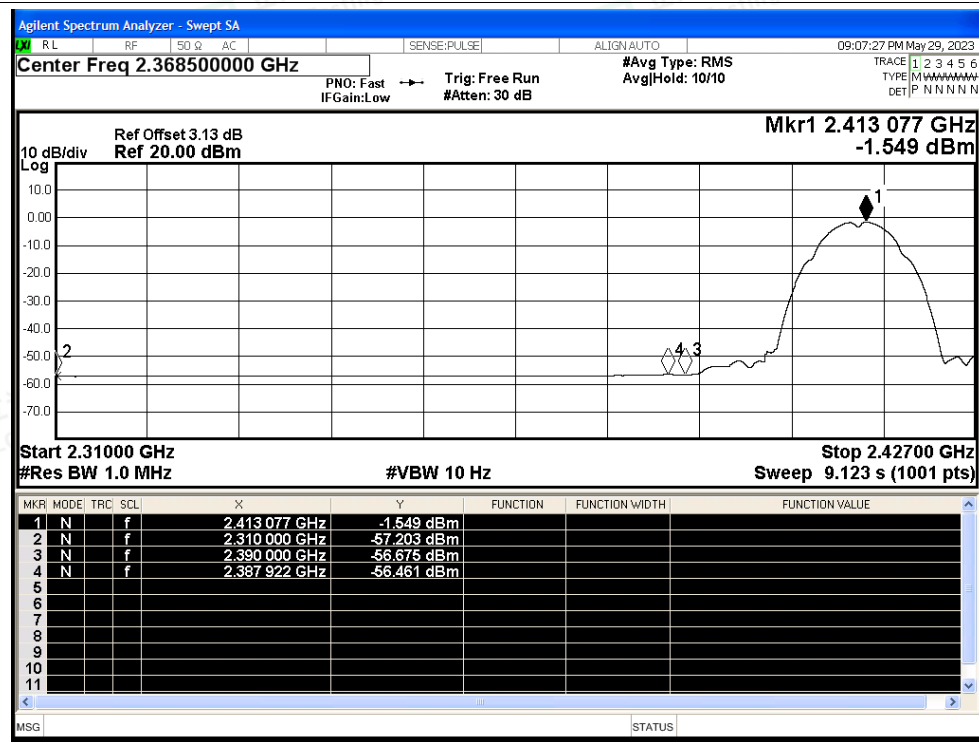


## Test Graphs

## Restrict Band NVNT b 2412MHz Peak



## Restrict Band NVNT b 2412MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

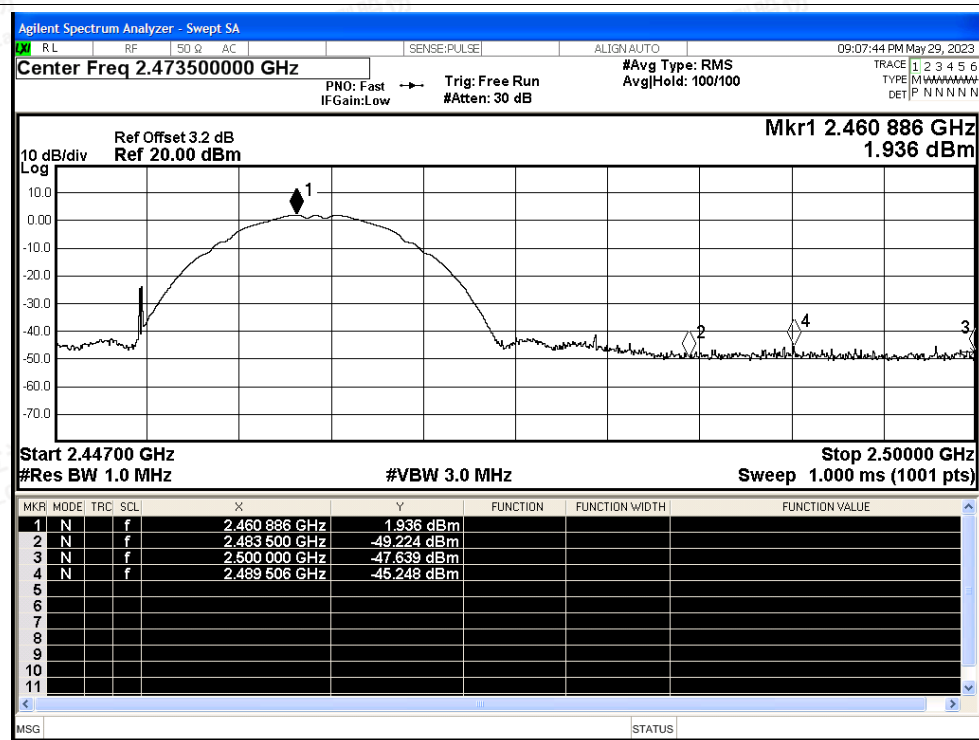
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

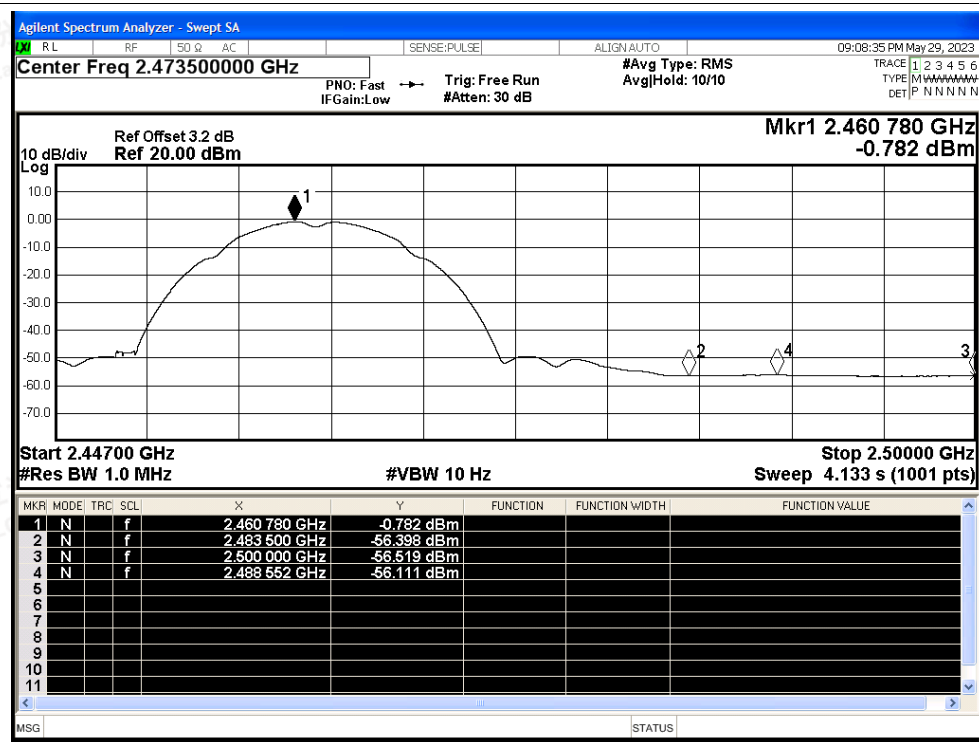
Scan code to check authenticity



## Restrict Band NVNT b 2462MHz Peak



## Restrict Band NVNT b 2462MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

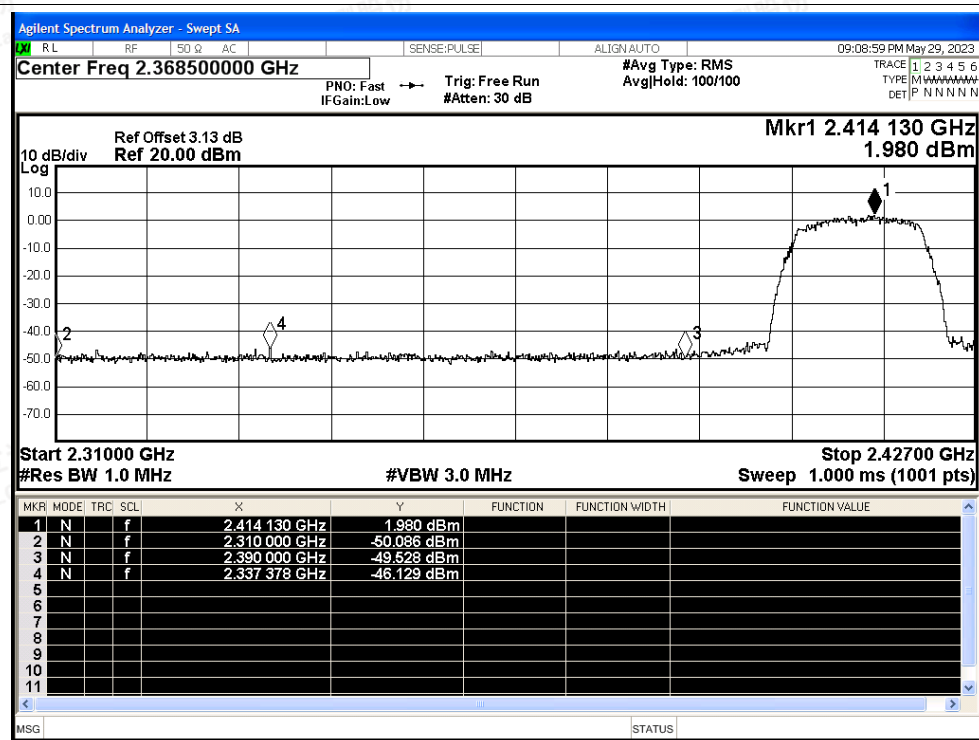
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

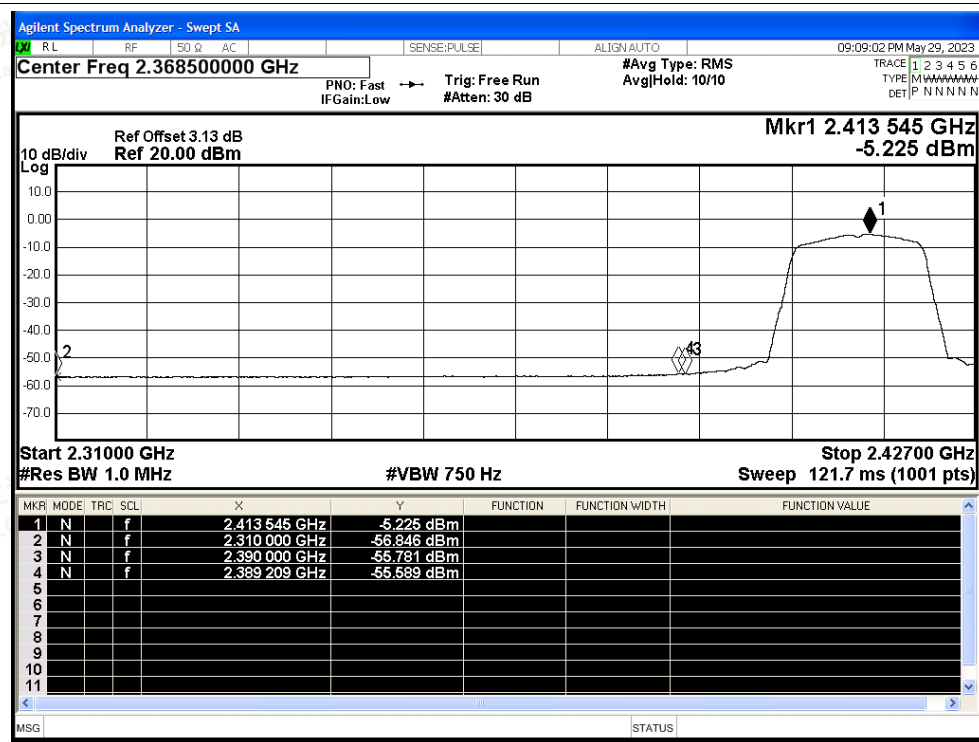
Scan code to check authenticity



## Restrict Band NVNT g 2412MHz Peak



## Restrict Band NVNT g 2412MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

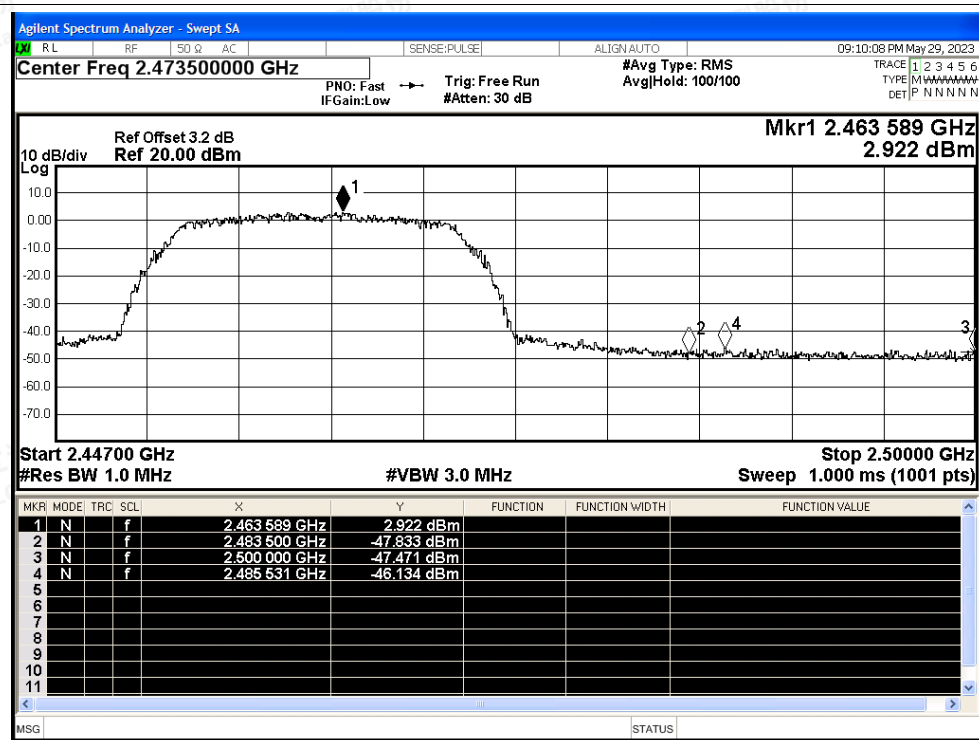
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

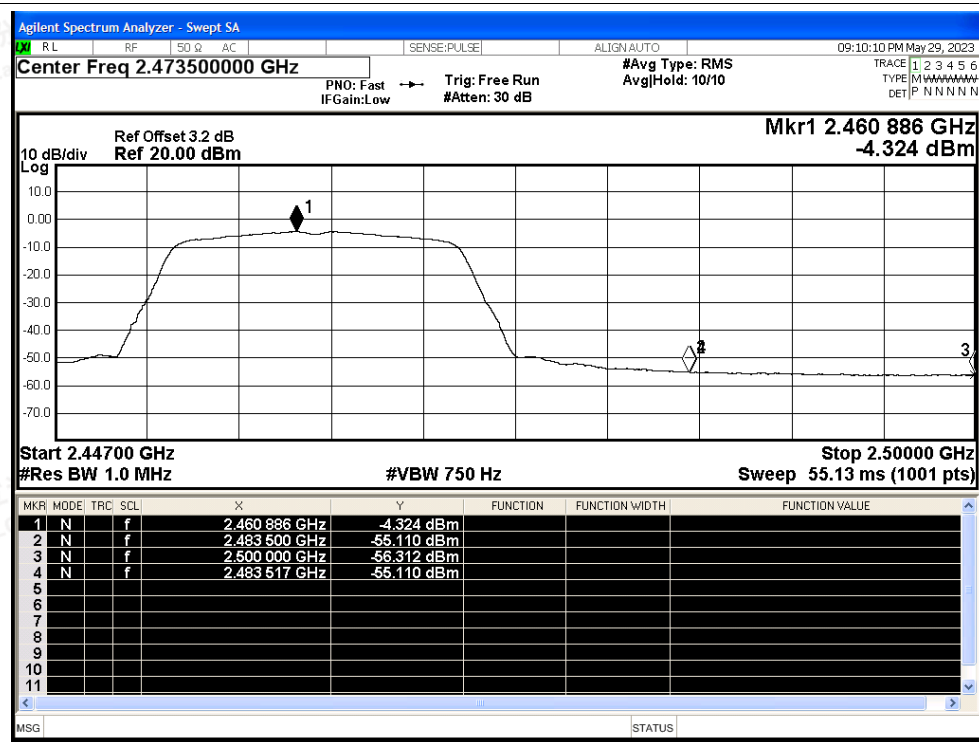
Scan code to check authenticity



## Restrict Band NVNT g 2462MHz Peak



## Restrict Band NVNT g 2462MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

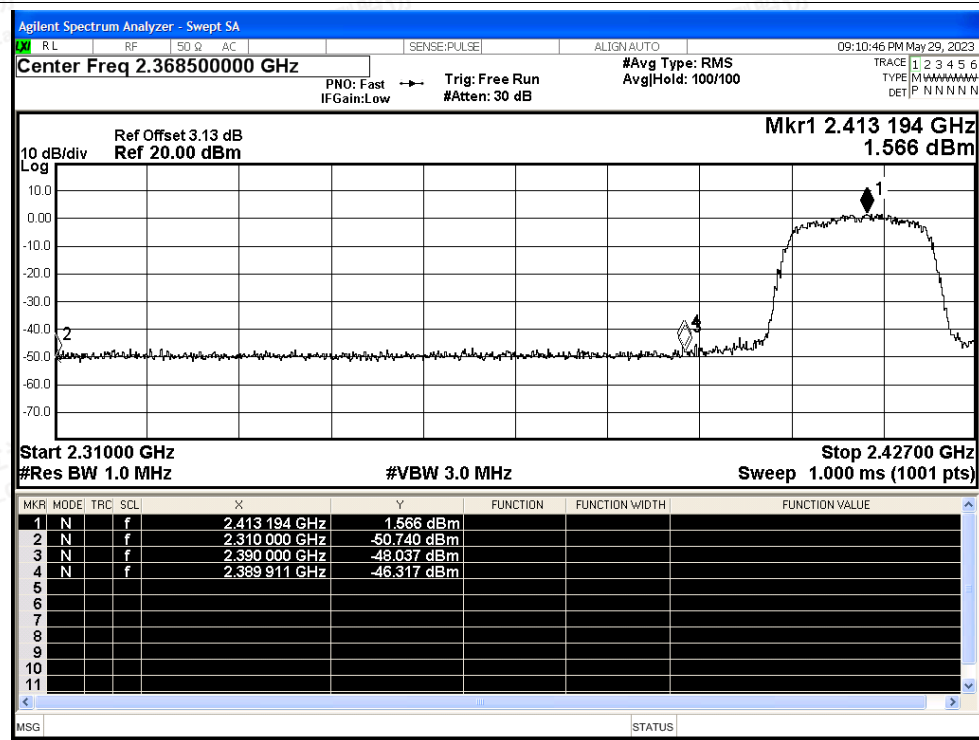
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

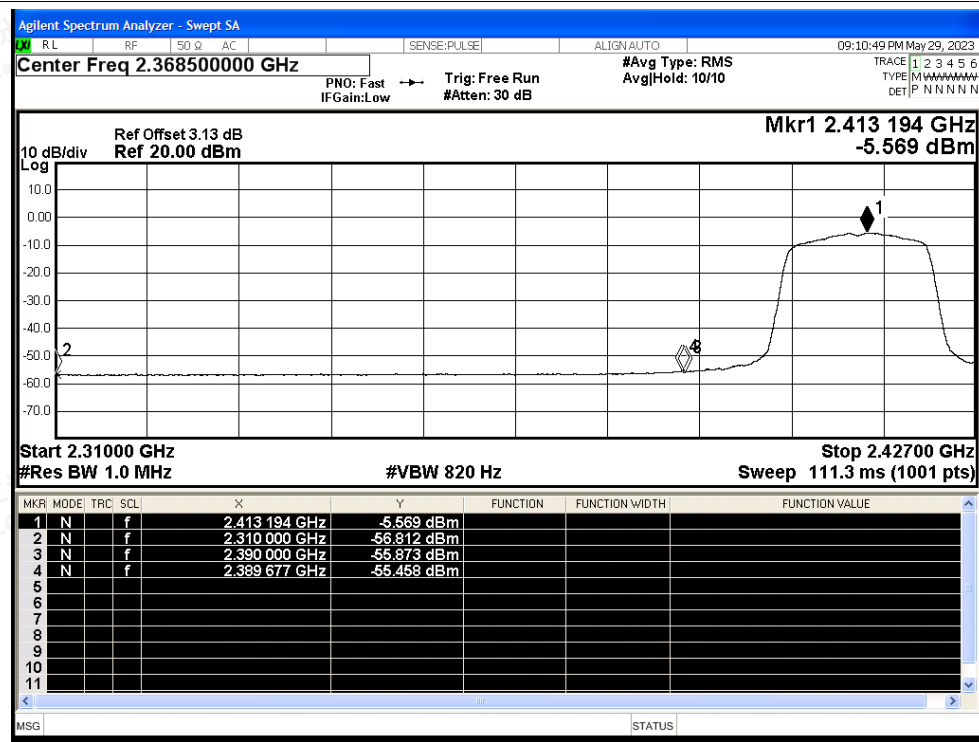
Scan code to check authenticity



## Restrict Band NVNT n20 2412MHz Peak



## Restrict Band NVNT n20 2412MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

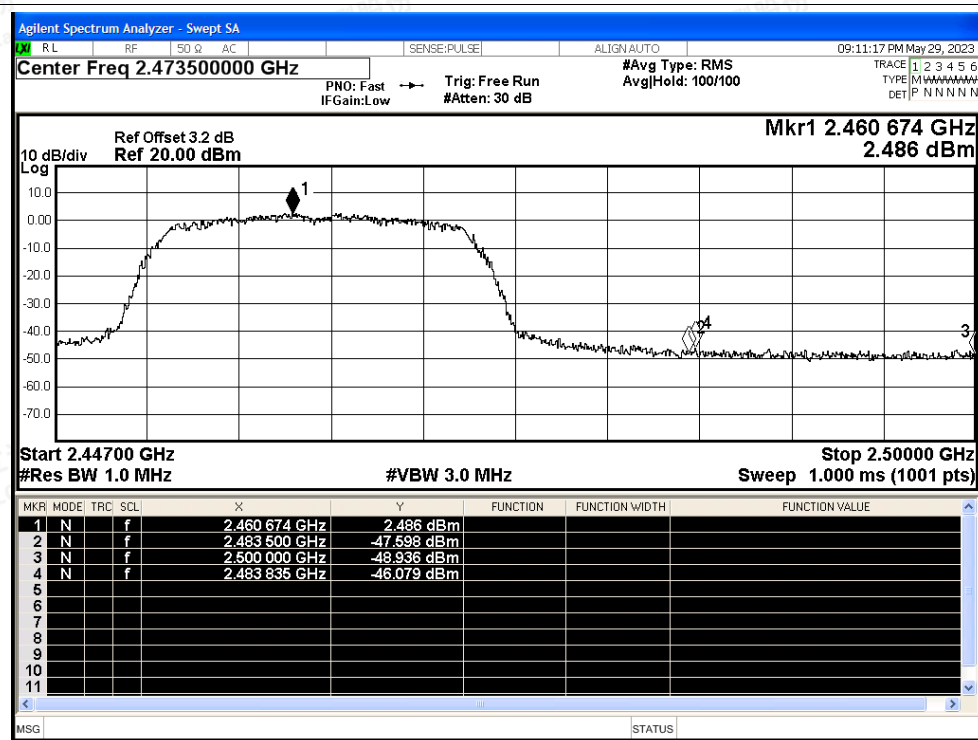
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

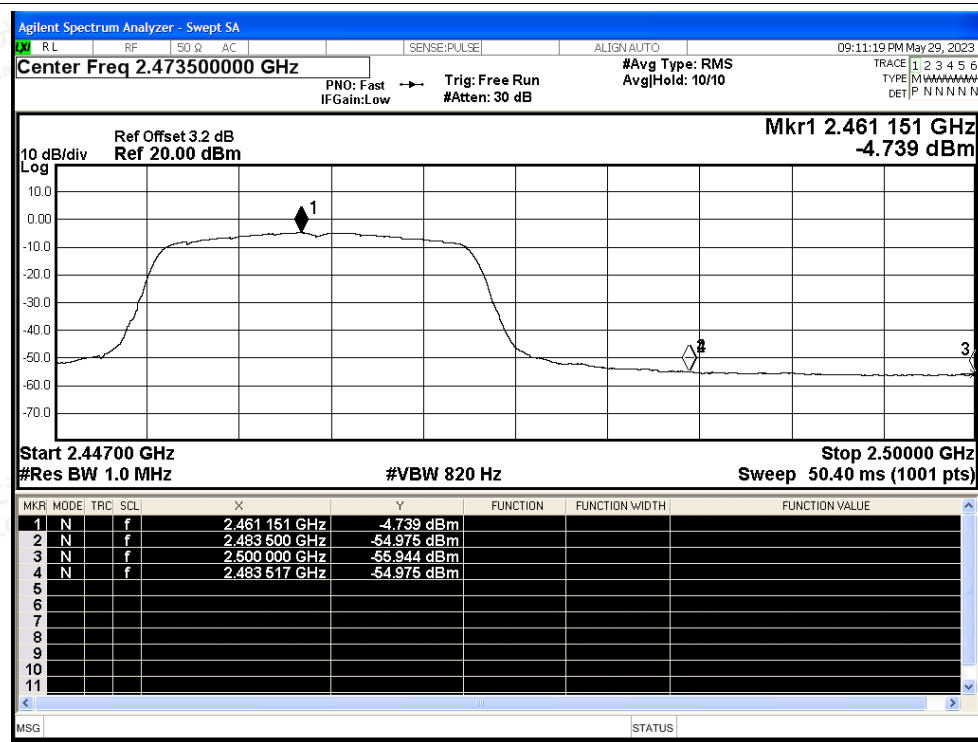
Scan code to check authenticity



## Restrict Band NVNT n20 2462MHz Peak



## Restrict Band NVNT n20 2462MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

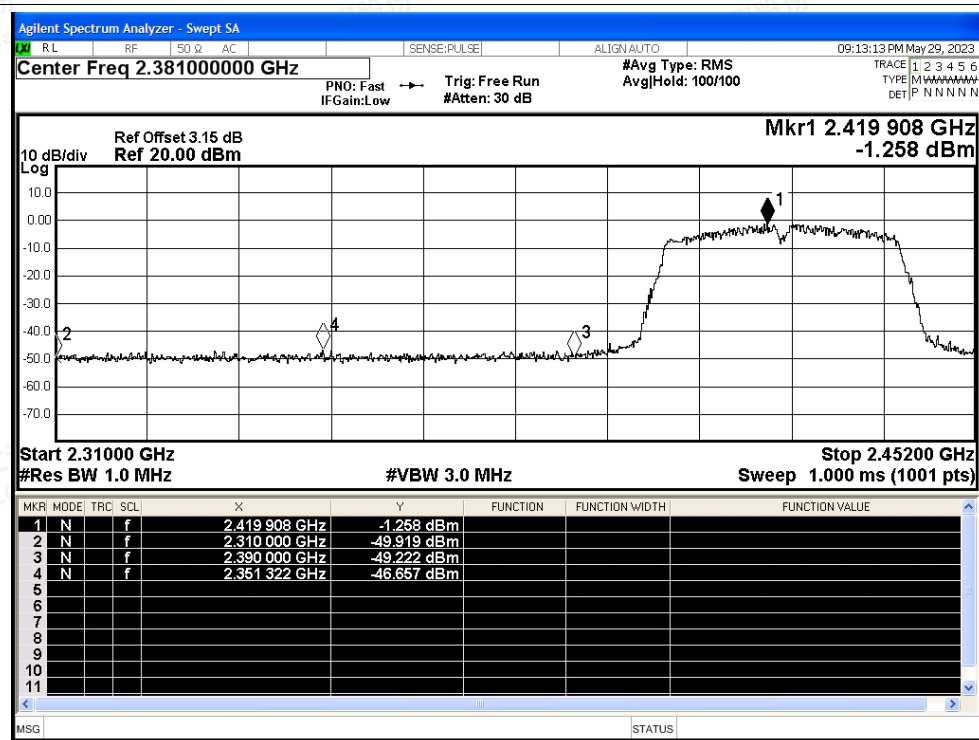
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

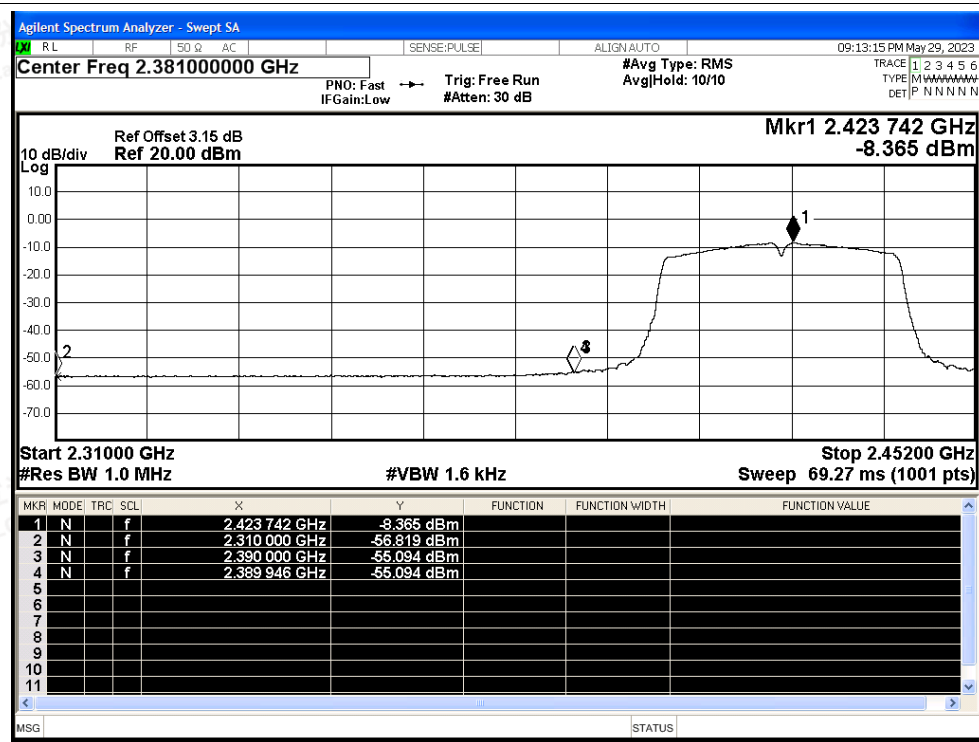
Scan code to check authenticity



## Restrict Band NVNT n40 2422MHz Peak



## Restrict Band NVNT n40 2422MHz Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

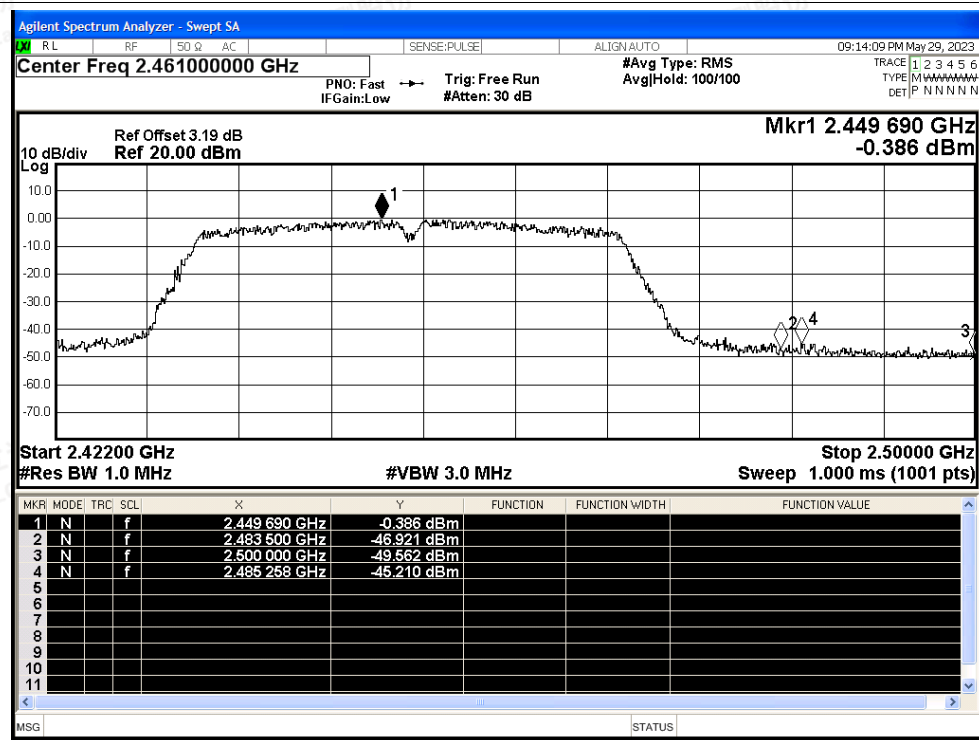
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

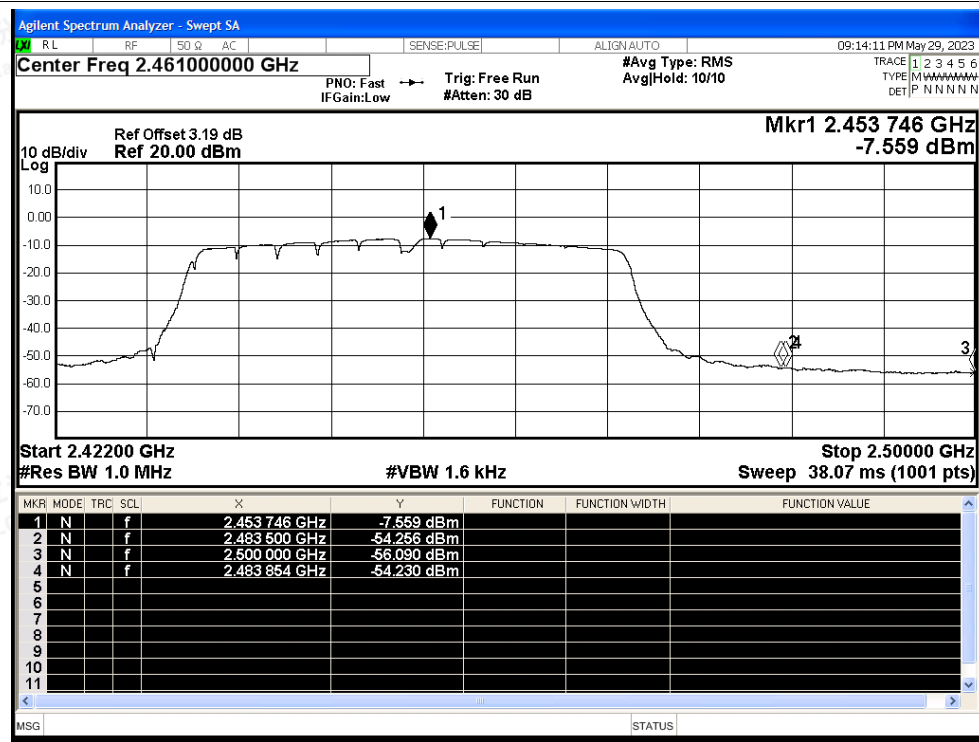
Scan code to check authenticity



## Restrict Band NVNT n40 2452MHz Peak



## Restrict Band NVNT n40 2452MHz 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