



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Rugged Tablet PC

Test Model: TABIC3

Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8° C    |
| Relative Humidity: | 52.1%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |





## C.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 9.57                  | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant1    | 9.565                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant1    | 9.592                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant1    | 15.263                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant1    | 13.623                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant1    | 15.049                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.082                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 15.016                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 15.118                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.058                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 33.912                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 35.36                 | $\geq 0.5$                  | Pass    |





## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth 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

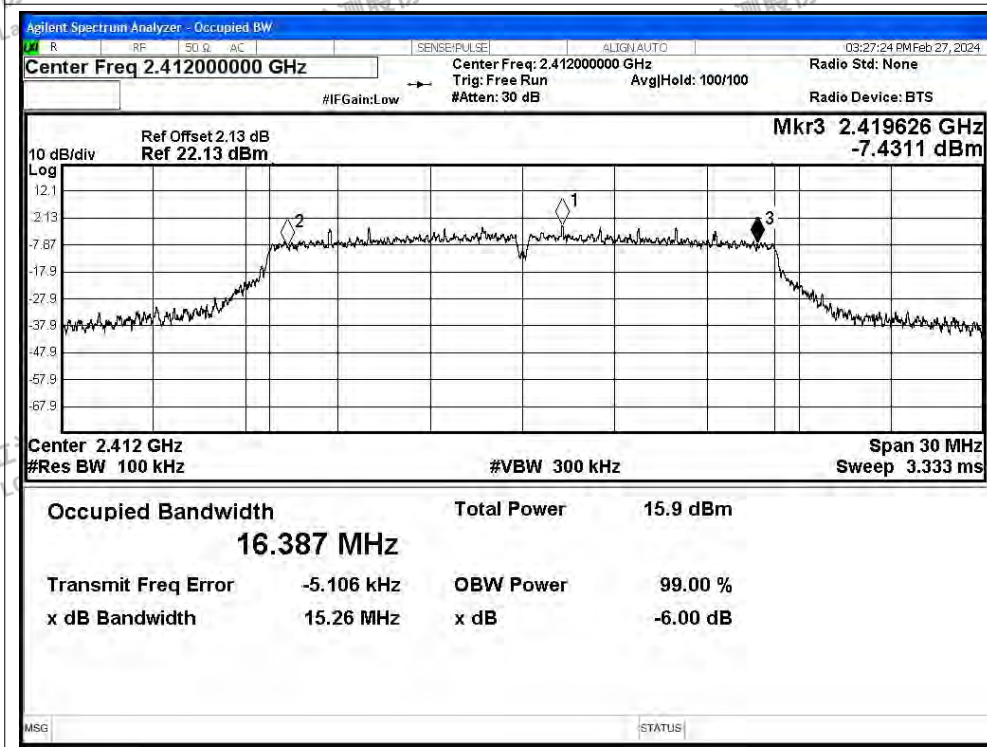
Scan code to check authenticity



## -6dB Bandwidth NVNT b 2462MHz Ant1



## -6dB Bandwidth 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

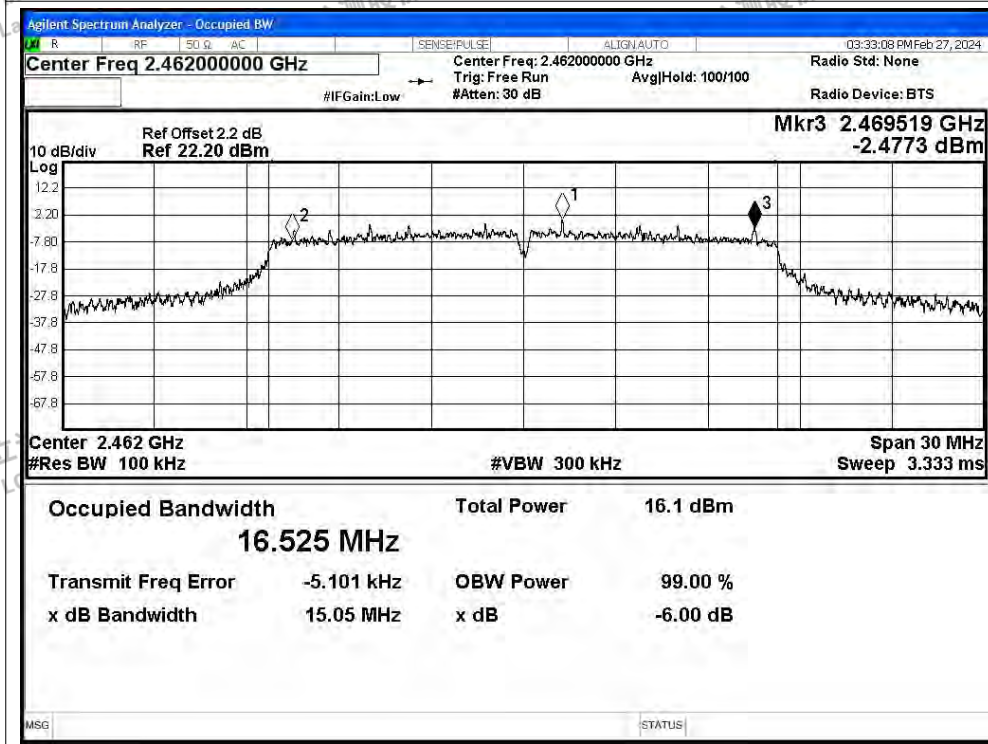
Scan code to check authenticity



-6dB Bandwidth NVNT g 2437MHz Ant1

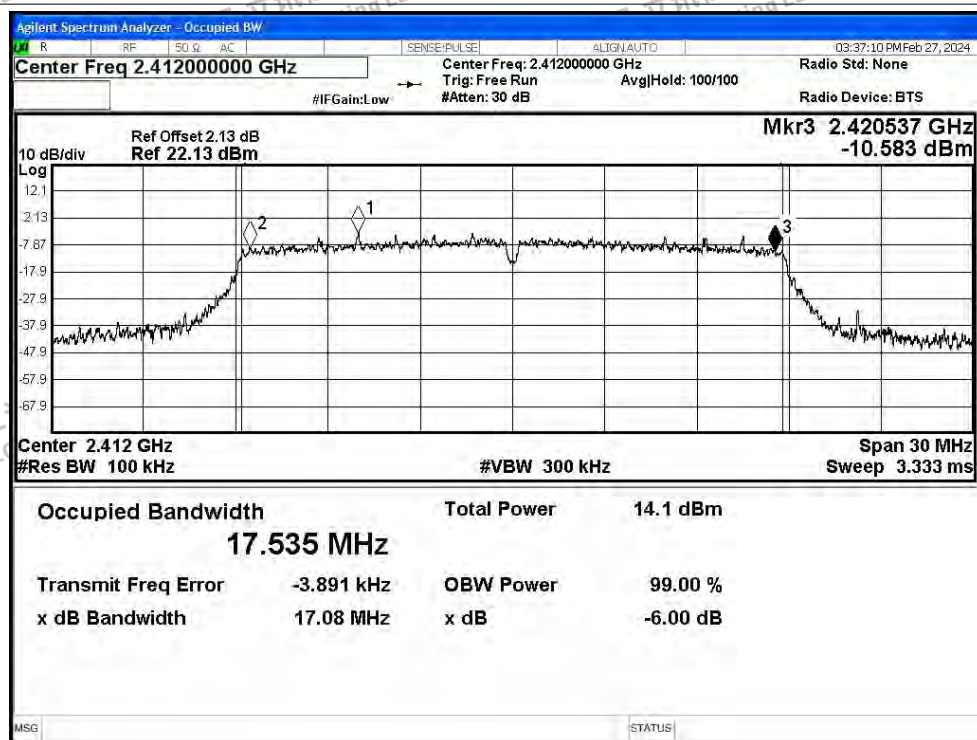


-6dB Bandwidth NVNT g 2462MHz Ant1

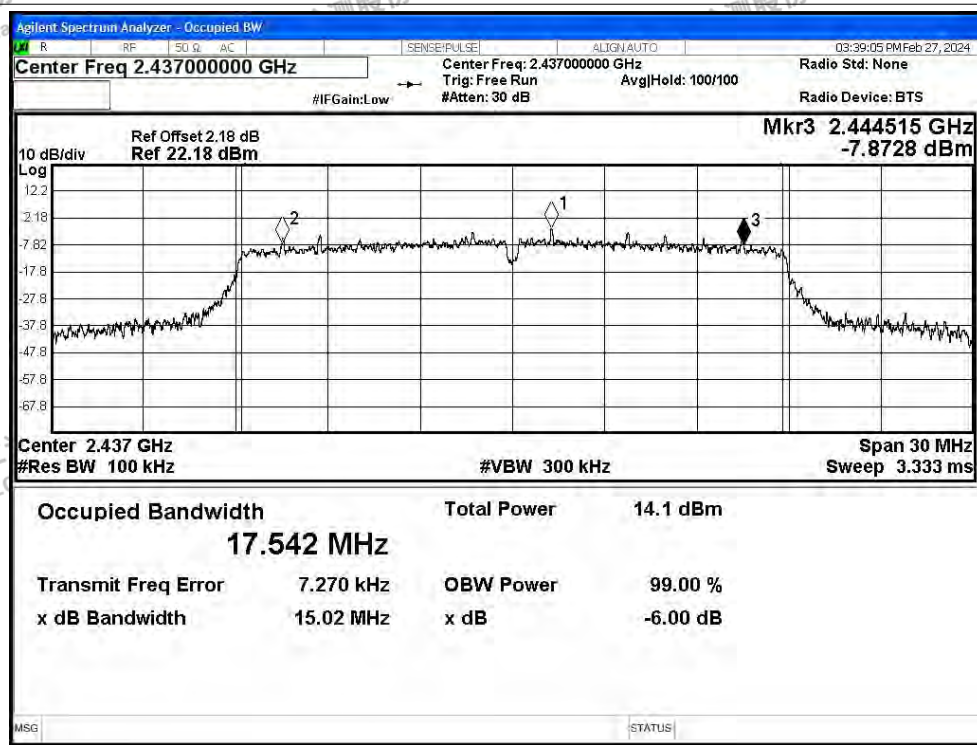




-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

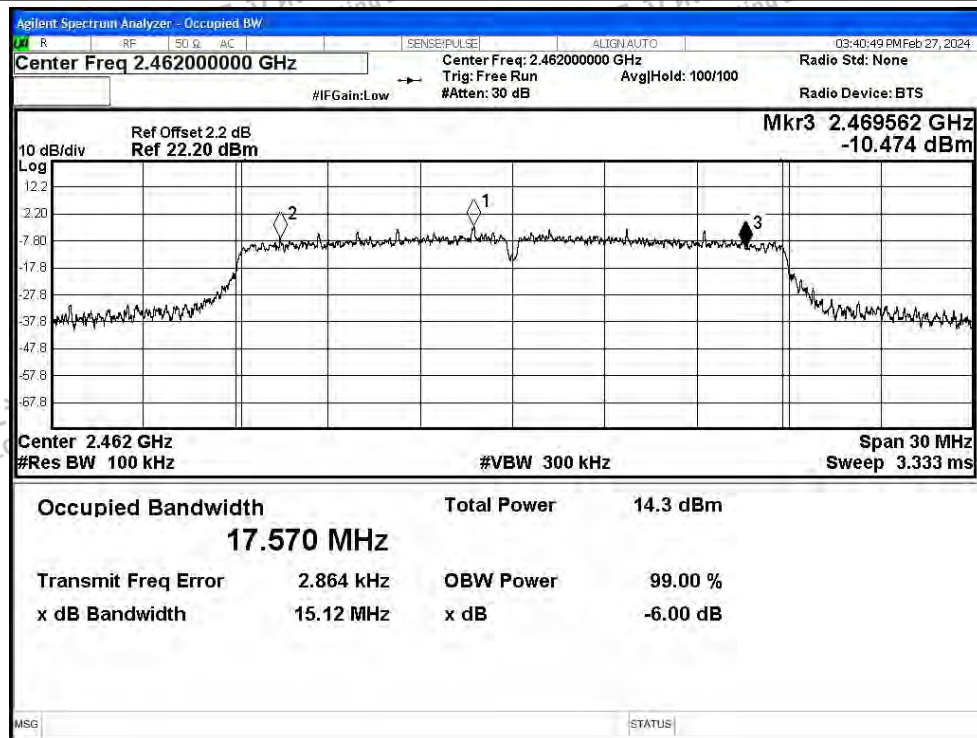
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

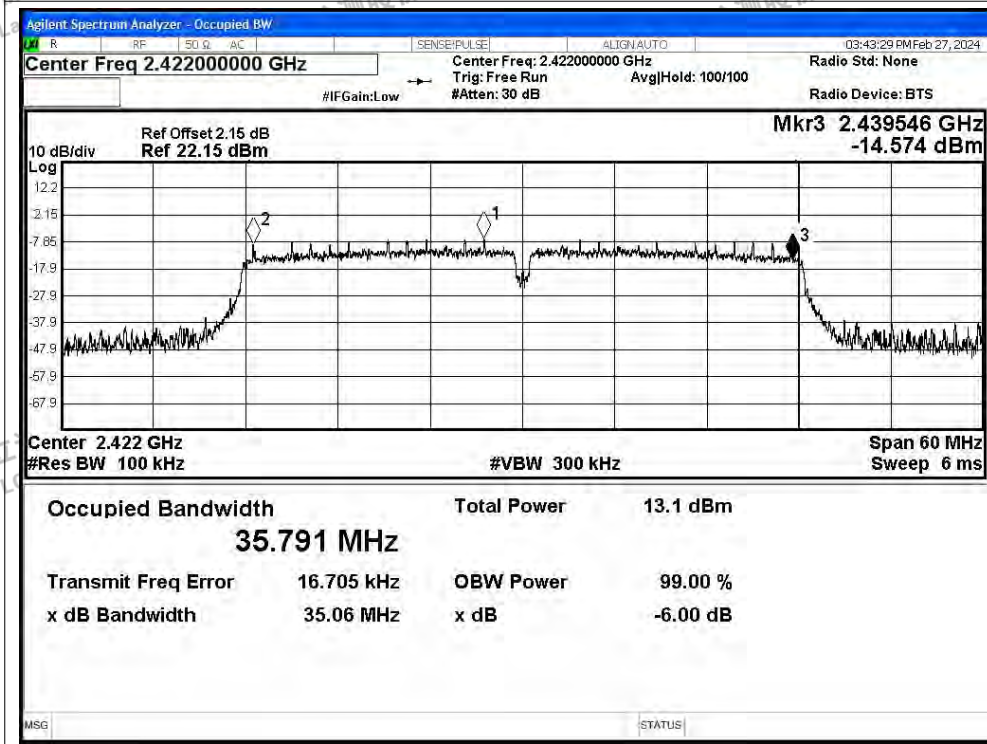
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2462MHz Ant1

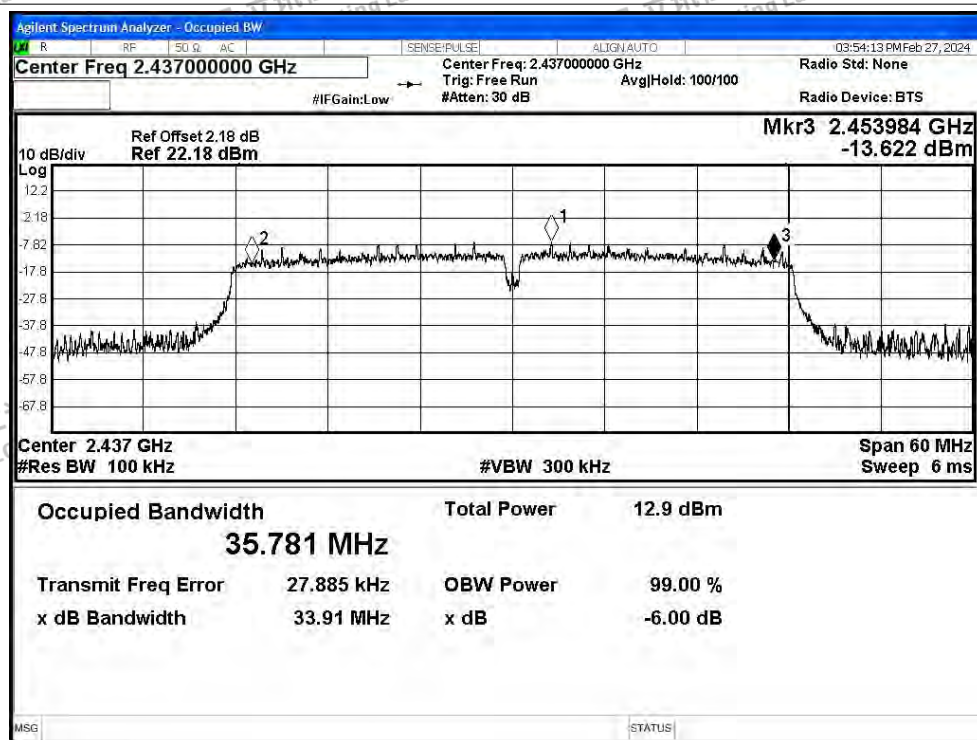


-6dB Bandwidth NVNT n40 2422MHz Ant1

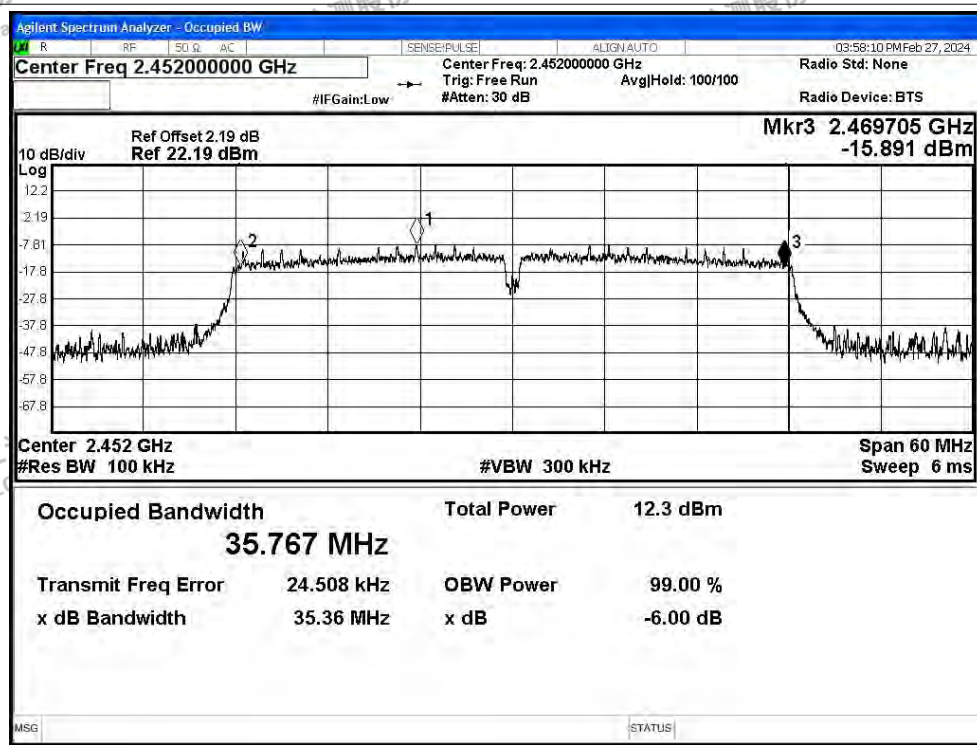




-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1





## C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 15.24                 | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 15.65                 | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 15.13                 | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.64                 | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.03                 | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 14.56                 | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 12.73                 | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 12.69                 | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 12.84                 | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 11.6                  | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 11.41                 | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 11.13                 | 30          | 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



### C.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -9.59                    | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -8.49                    | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -9.79                    | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -14.36                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -15.77                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -14.27                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -16.39                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -15.99                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -16.79                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -21.25                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -20.75                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -21.12                   | 8                | Pass    |

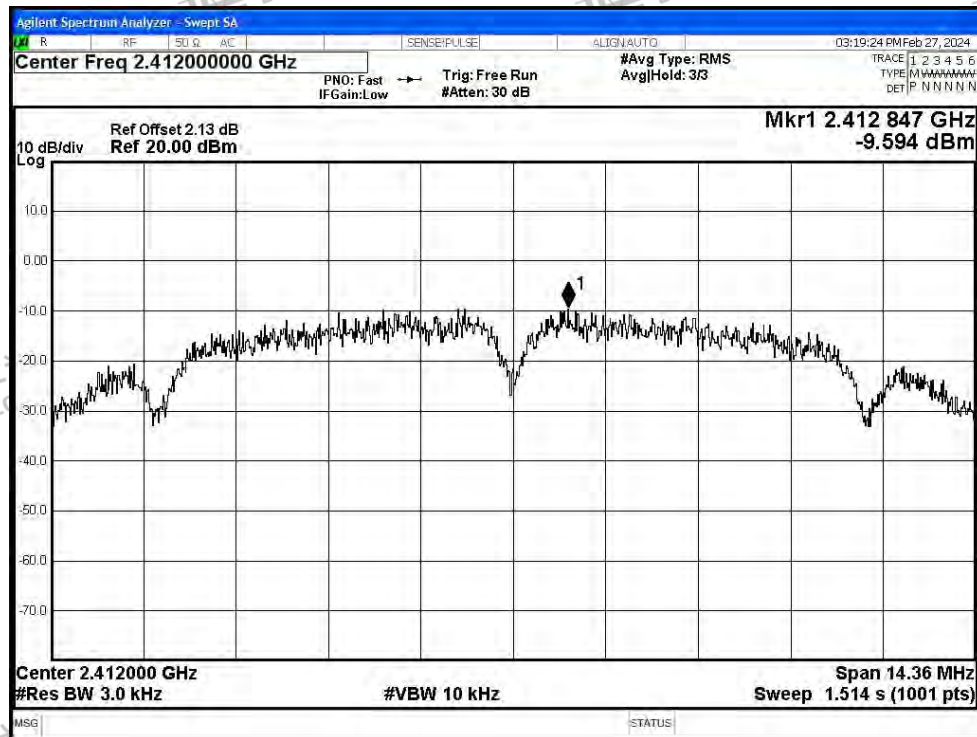


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

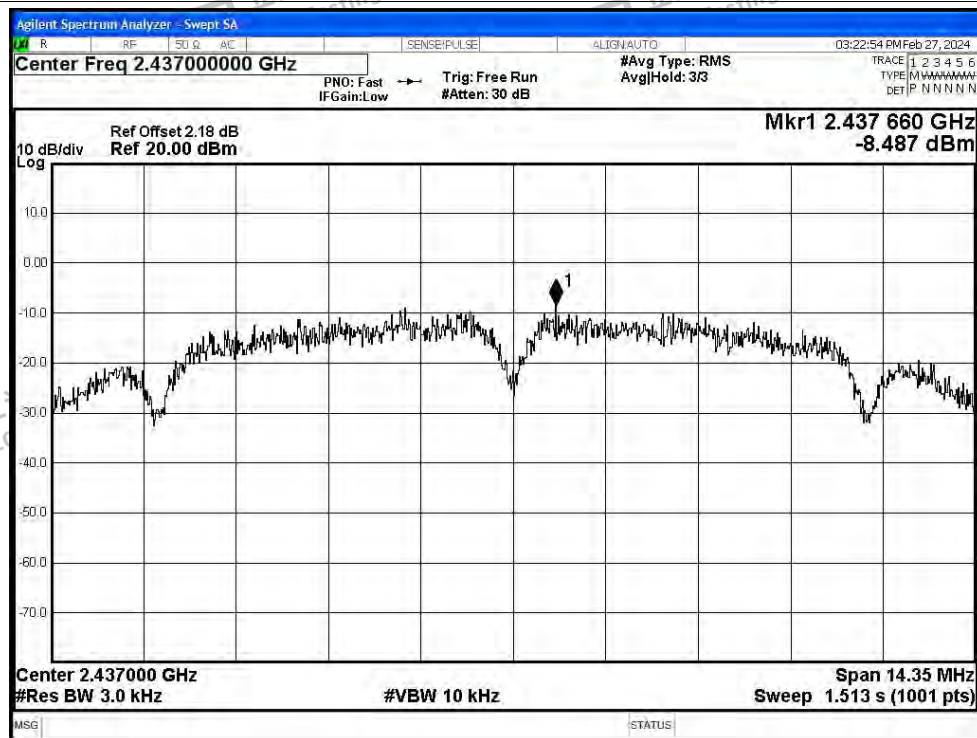


## Test Graphs

PSD NVNT b 2412MHz Ant1

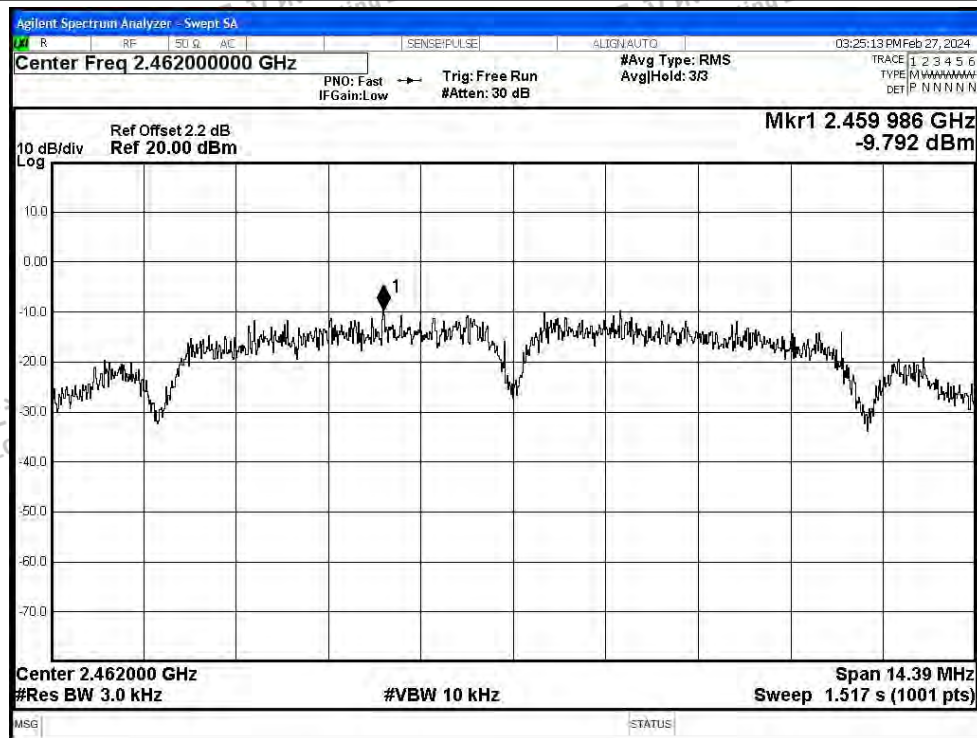


PSD NVNT b 2437MHz Ant1

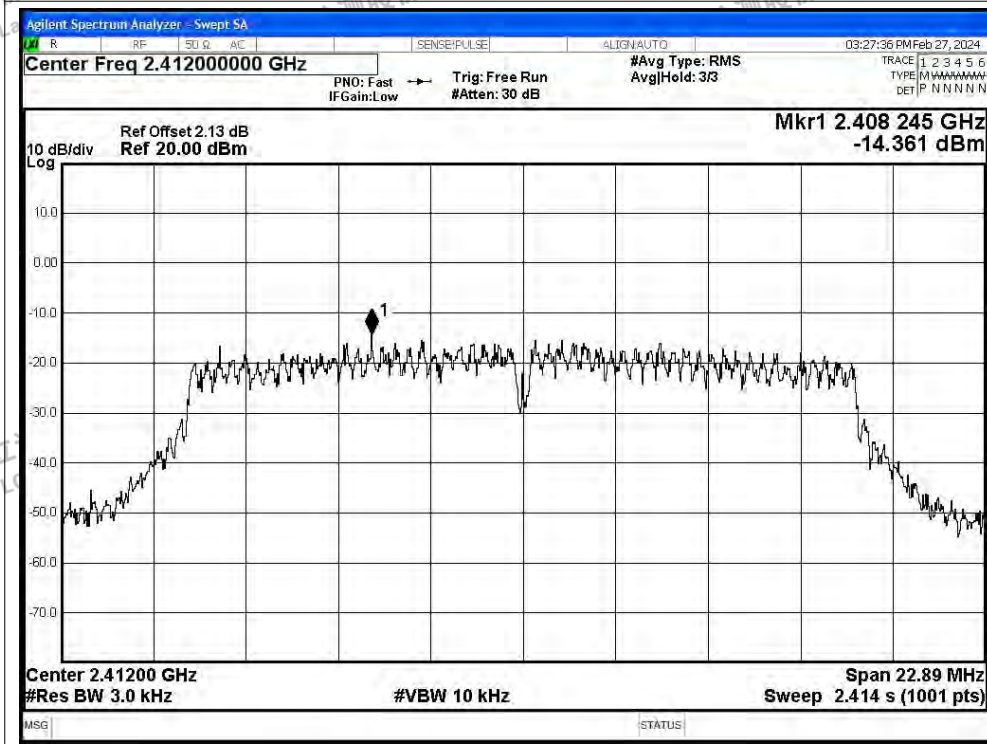




PSD NVNT b 2462MHz Ant1

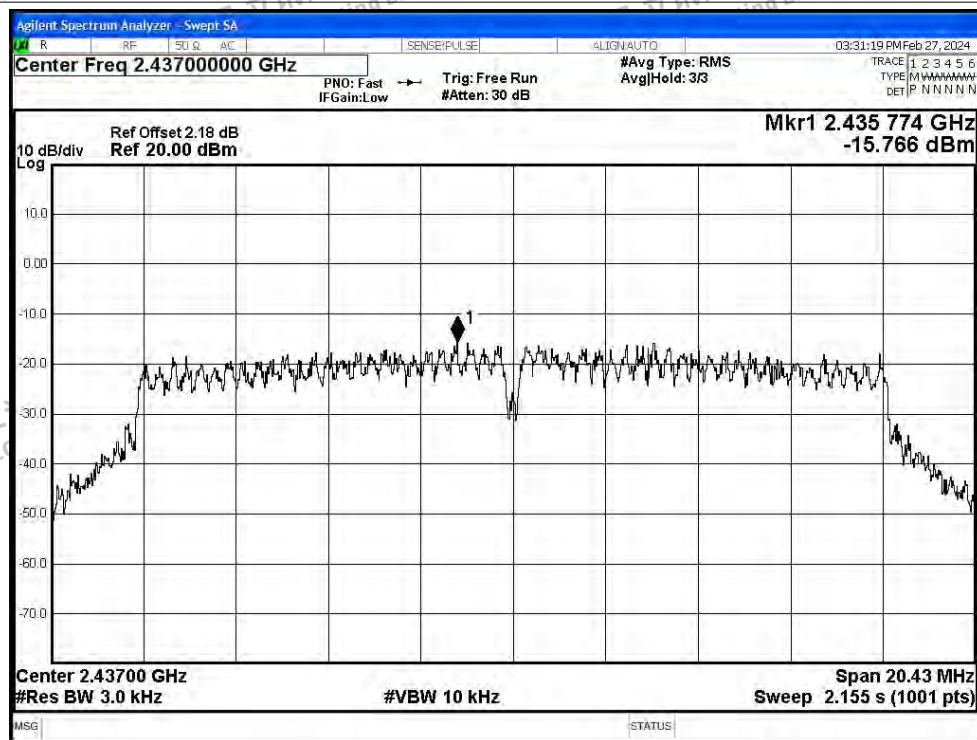


PSD NVNT g 2412MHz Ant1

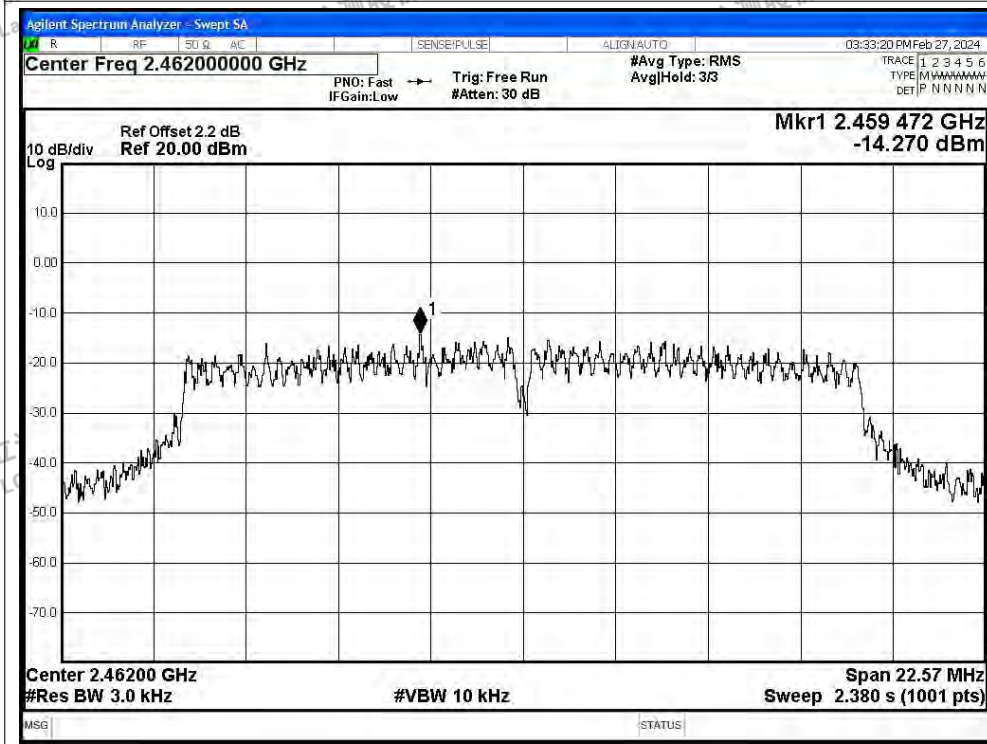




PSD NVNT g 2437MHz Ant1

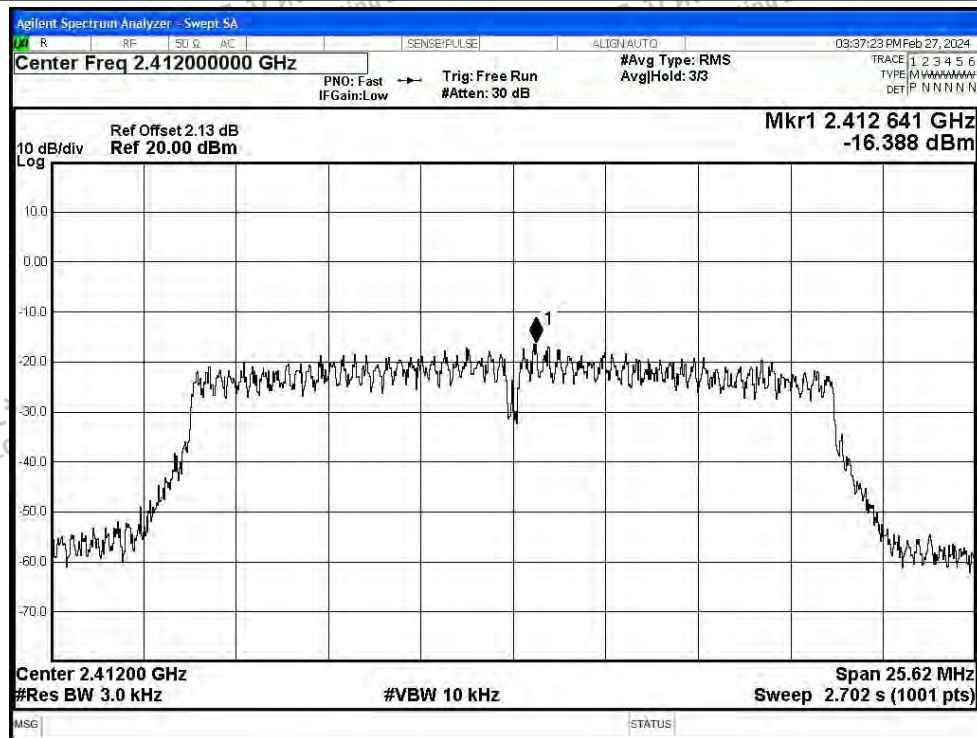


PSD NVNT g 2462MHz Ant1

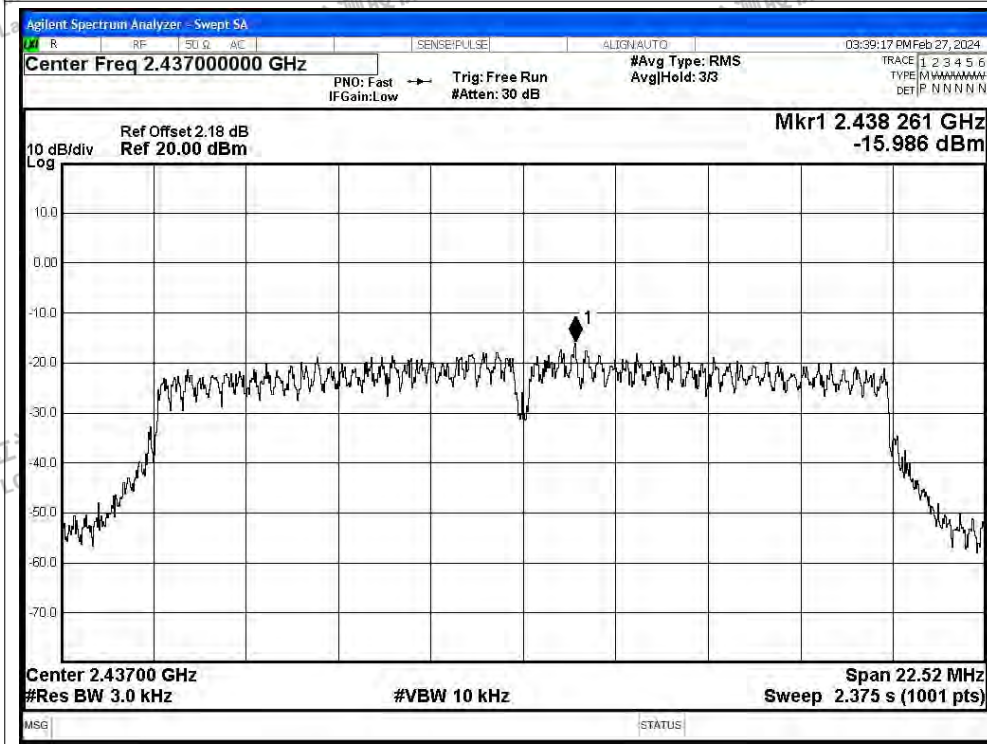




PSD NVNT n20 2412MHz Ant1

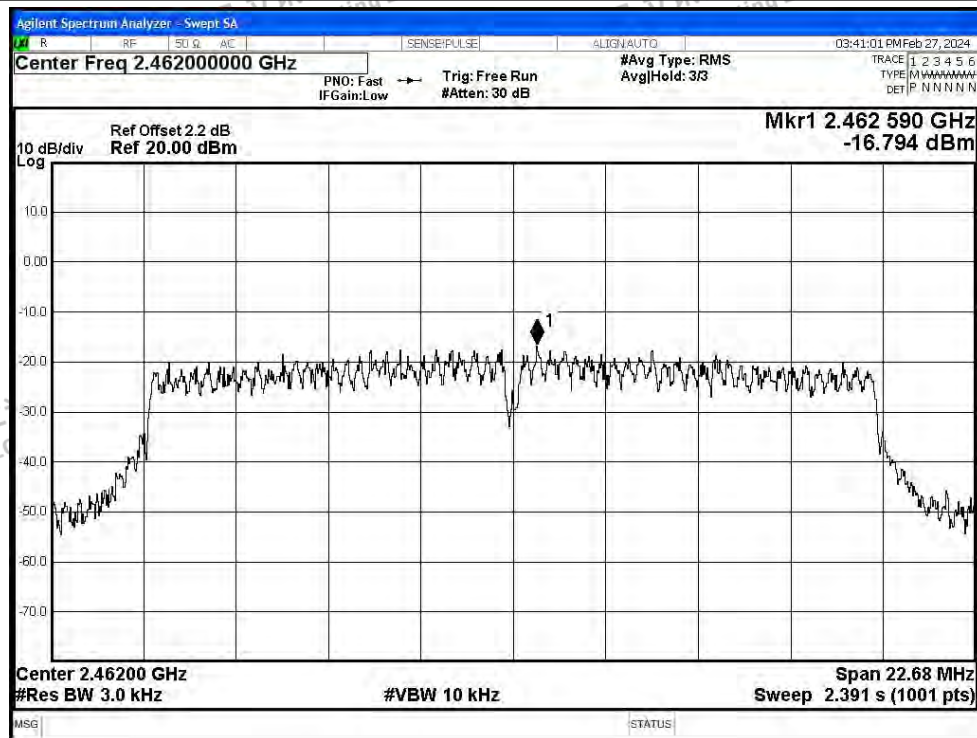


PSD NVNT n20 2437MHz Ant1

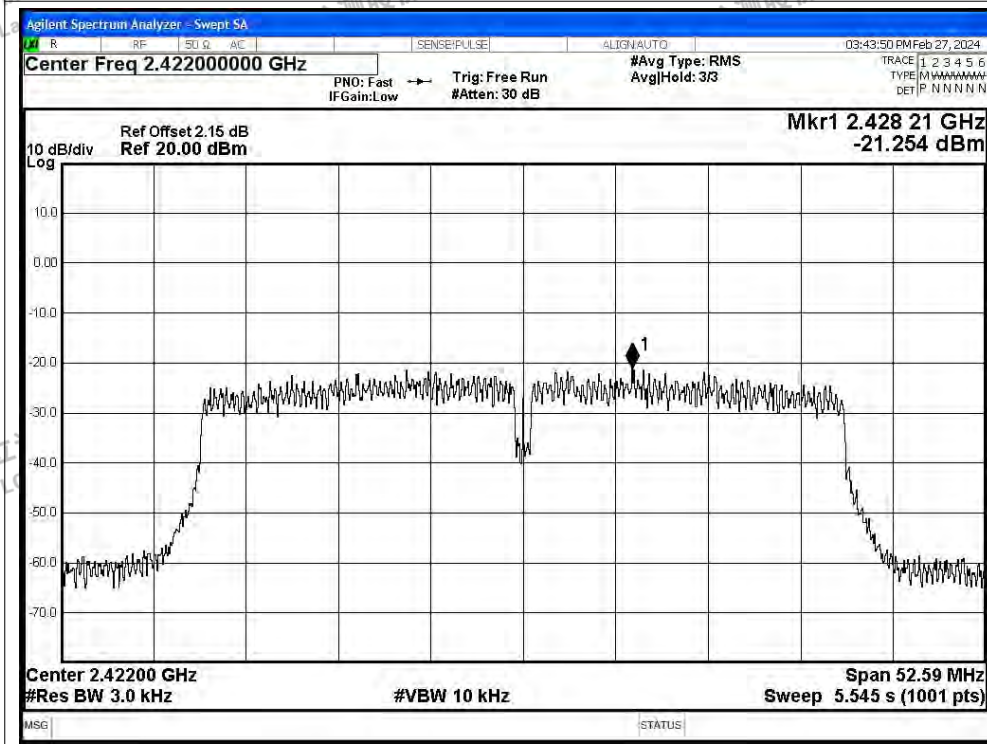




PSD NVNT n20 2462MHz Ant1

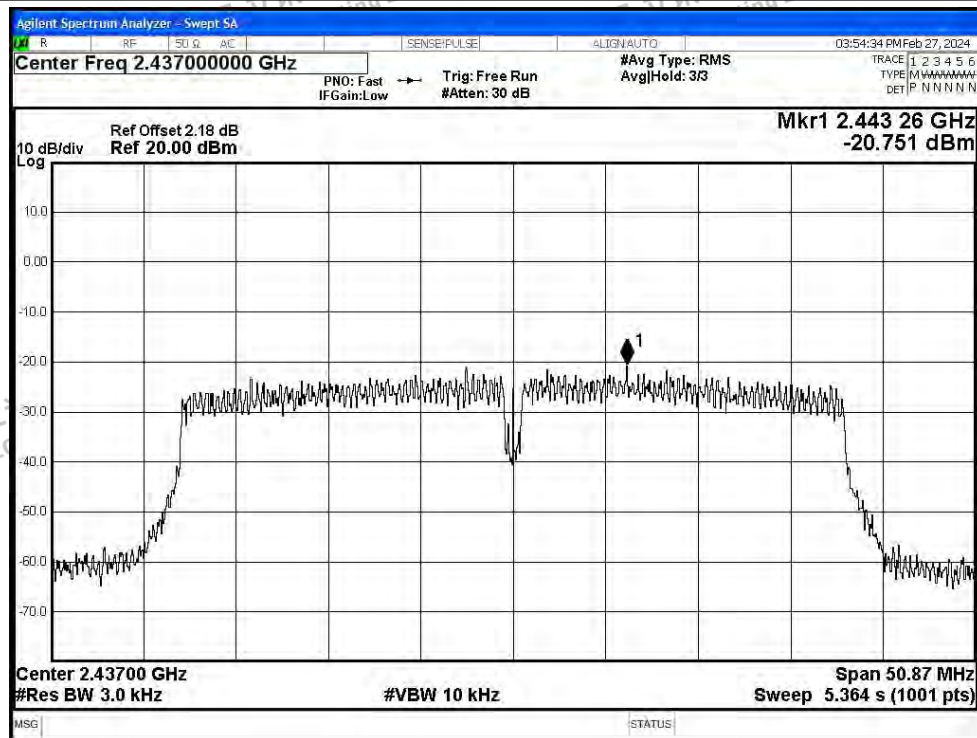


PSD NVNT n40 2422MHz Ant1

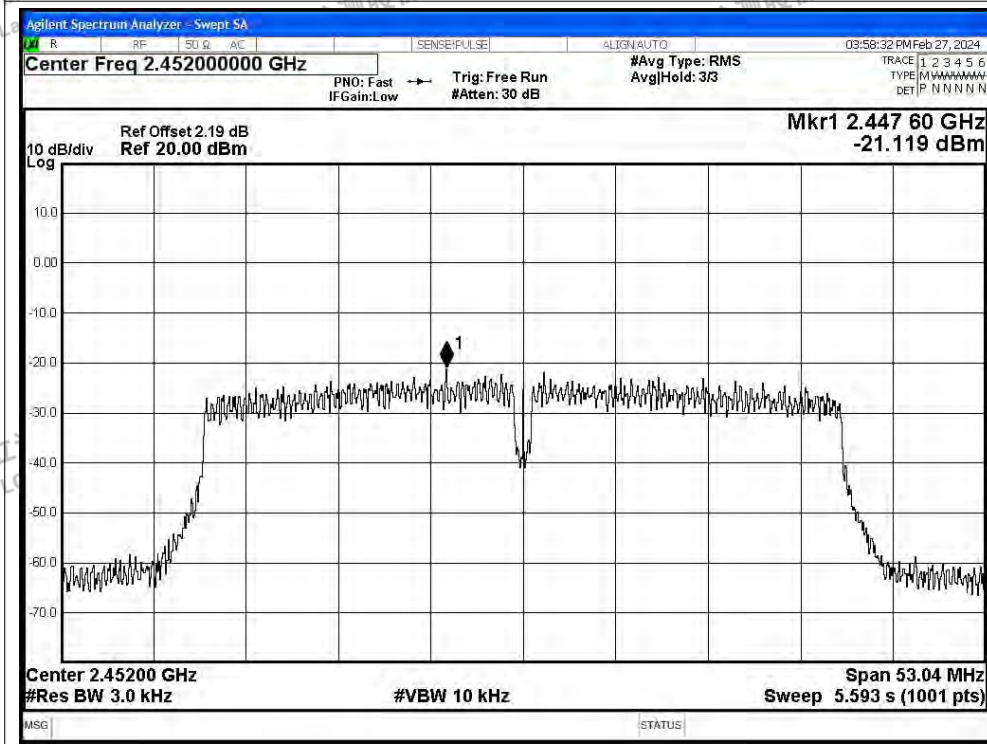




## PSD NVNT n40 2437MHz Ant1



## PSD NVNT n40 2452MHz Ant1





## C.4 Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -39.47          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -42.15          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -28.96          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -40.45          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -34.12          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -41.74          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -32.37          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -34.08          | -20         | Pass    |





## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref

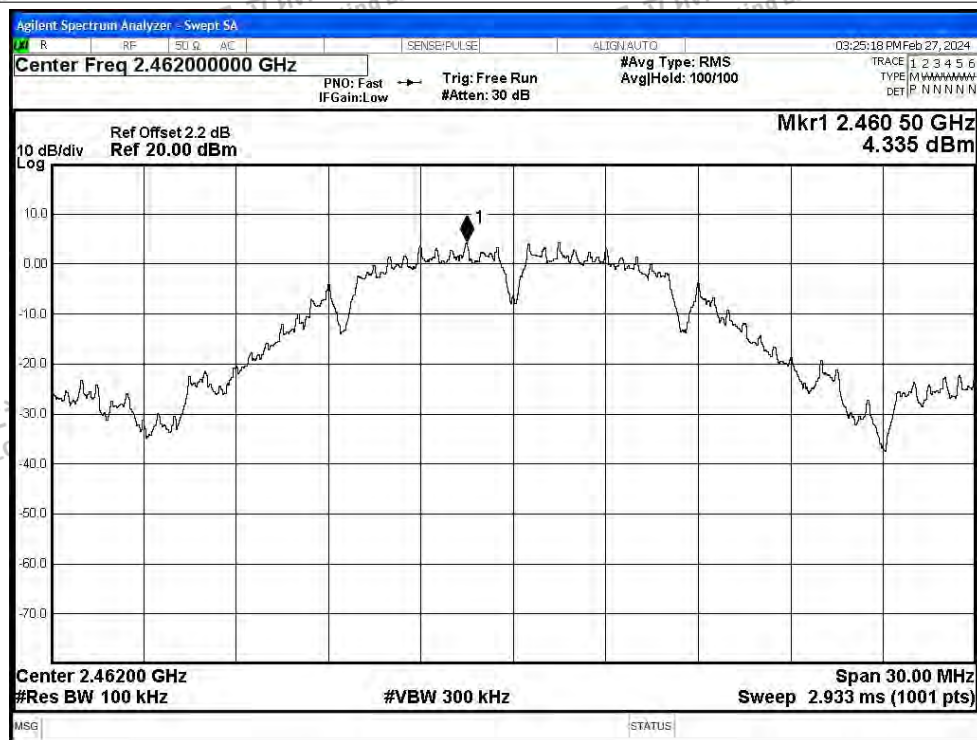


## Band Edge NVNT b 2412MHz Ant1 Emission

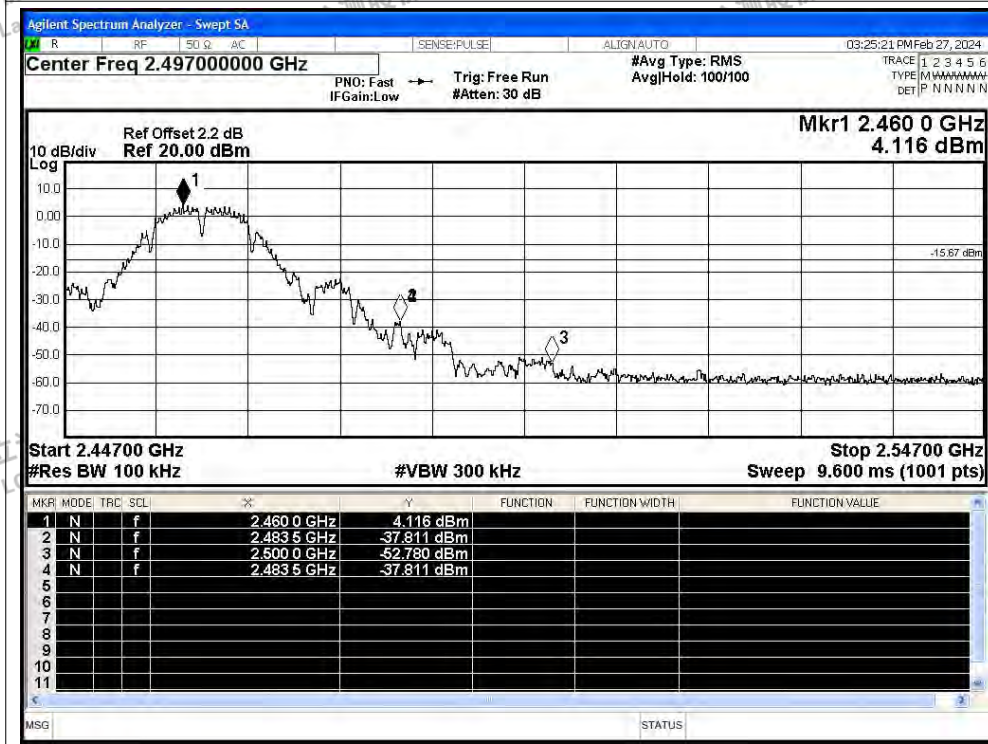




## Band Edge NVNT b 2462MHz Ant1 Ref

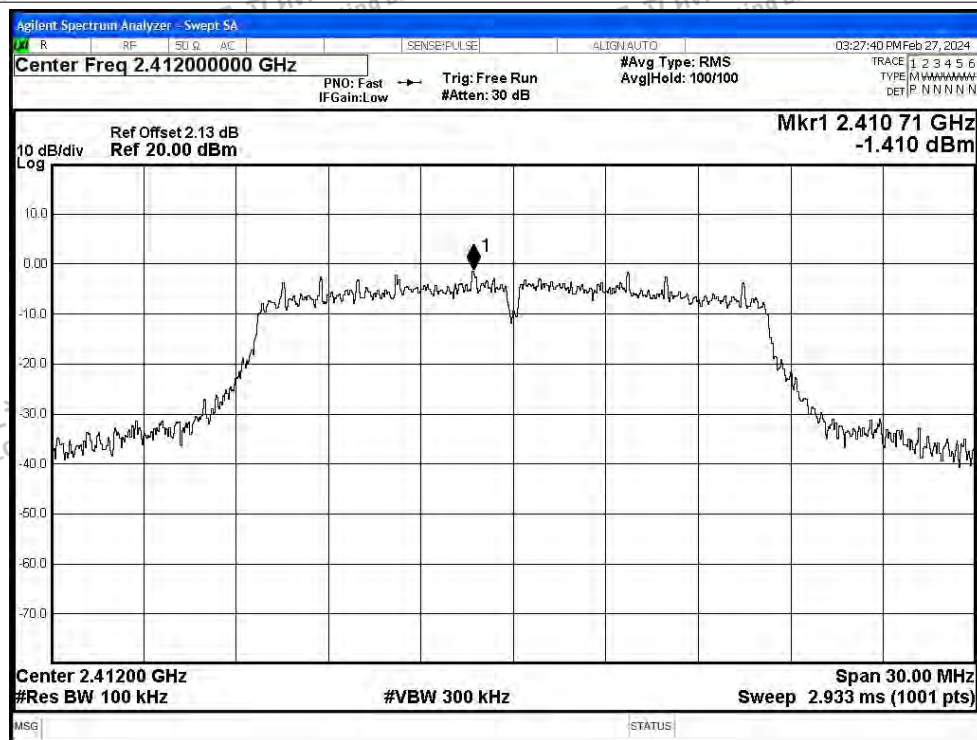


## Band Edge NVNT b 2462MHz Ant1 Emission

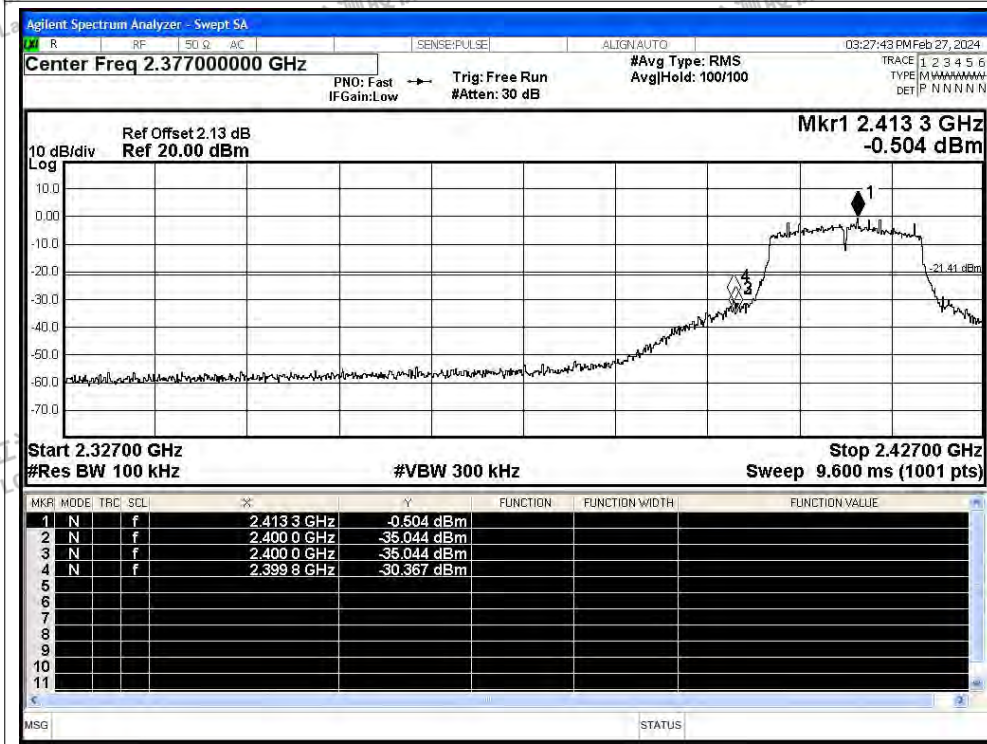




## Band Edge NVNT g 2412MHz Ant1 Ref

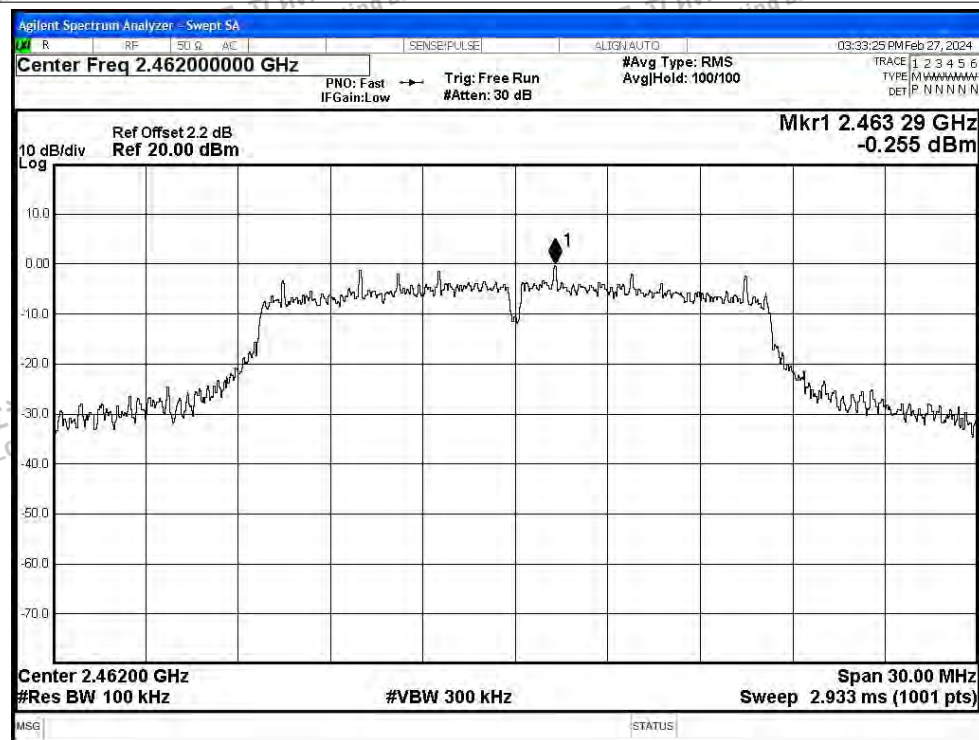


## Band Edge NVNT g 2412MHz Ant1 Emission

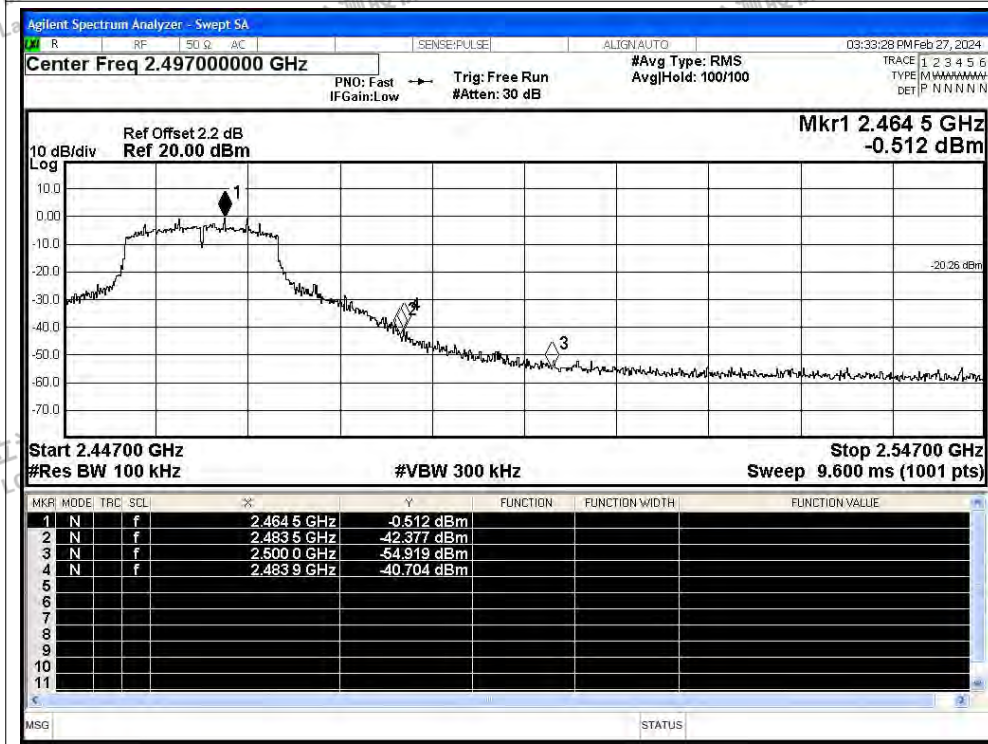




## Band Edge NVNT g 2462MHz Ant1 Ref

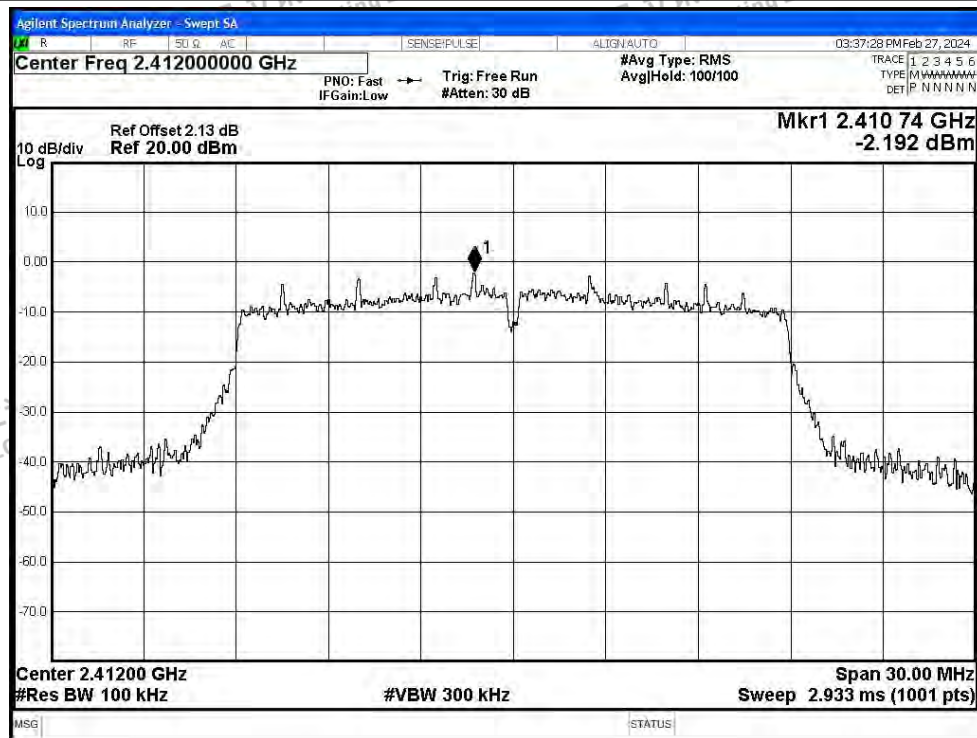


## Band Edge NVNT g 2462MHz Ant1 Emission

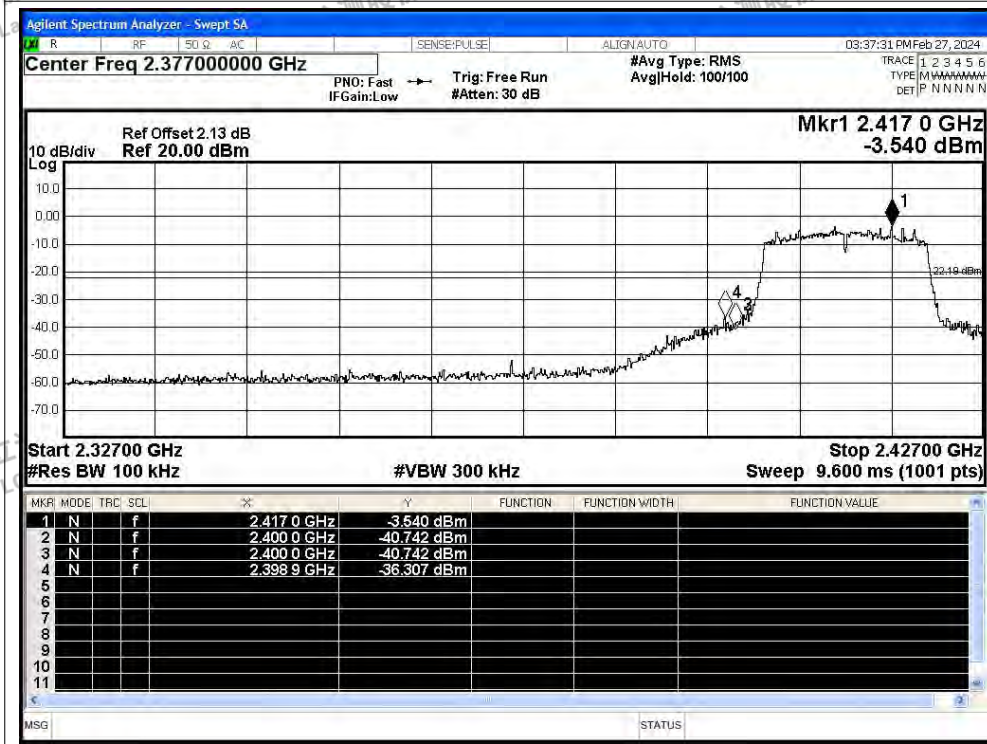




## Band Edge NVNT n20 2412MHz Ant1 Ref

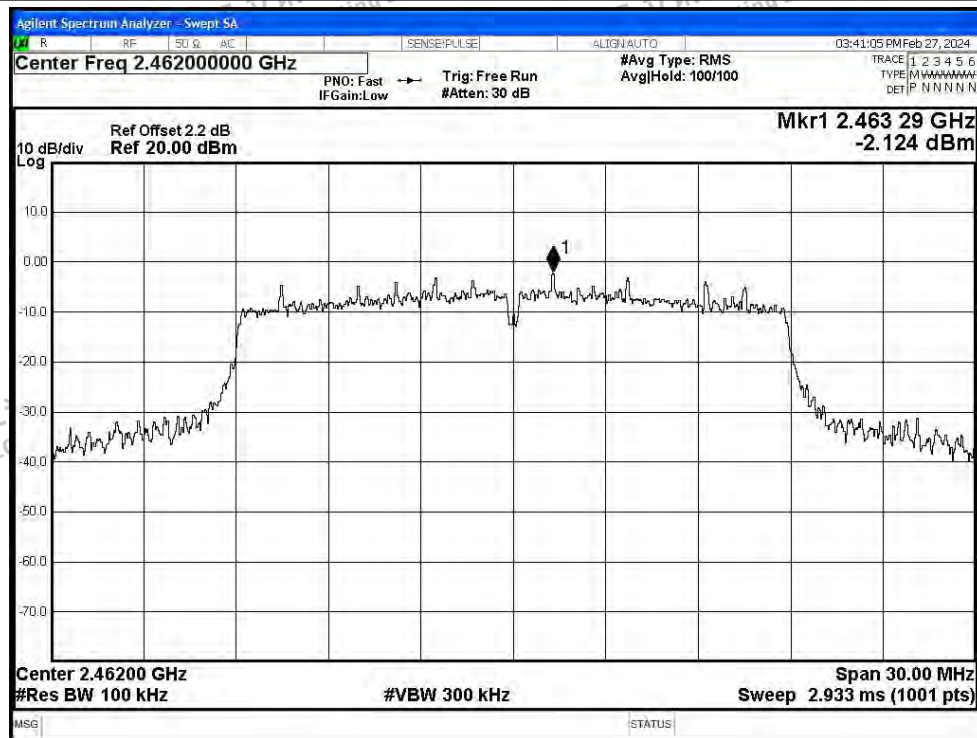


## Band Edge NVNT n20 2412MHz Ant1 Emission

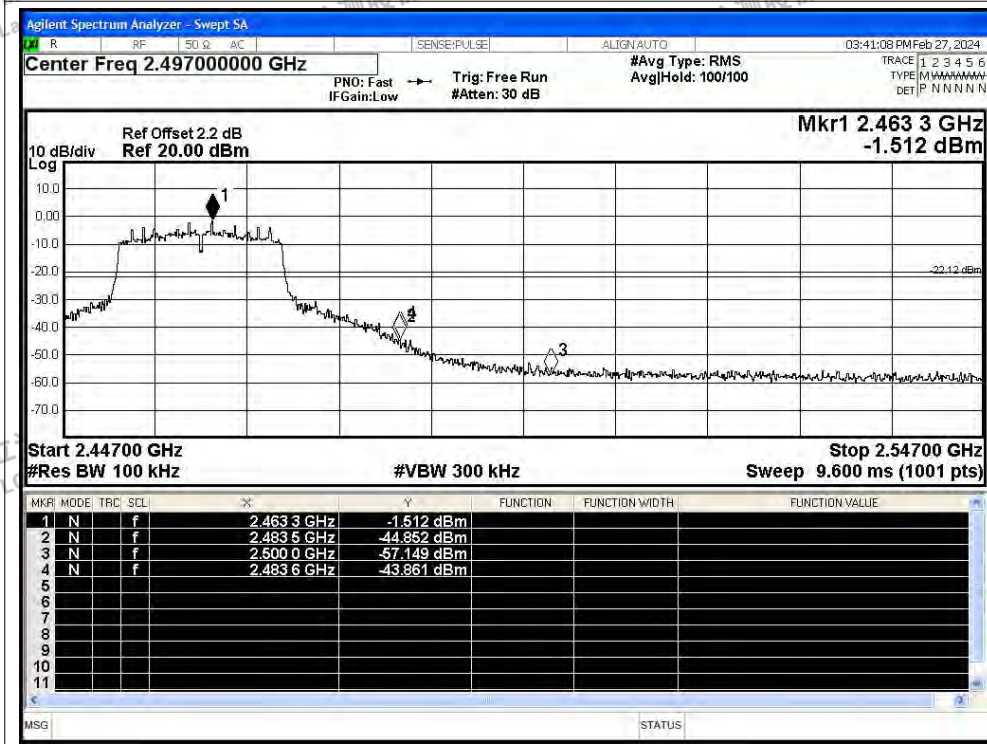




## Band Edge NVNT n20 2462MHz Ant1 Ref

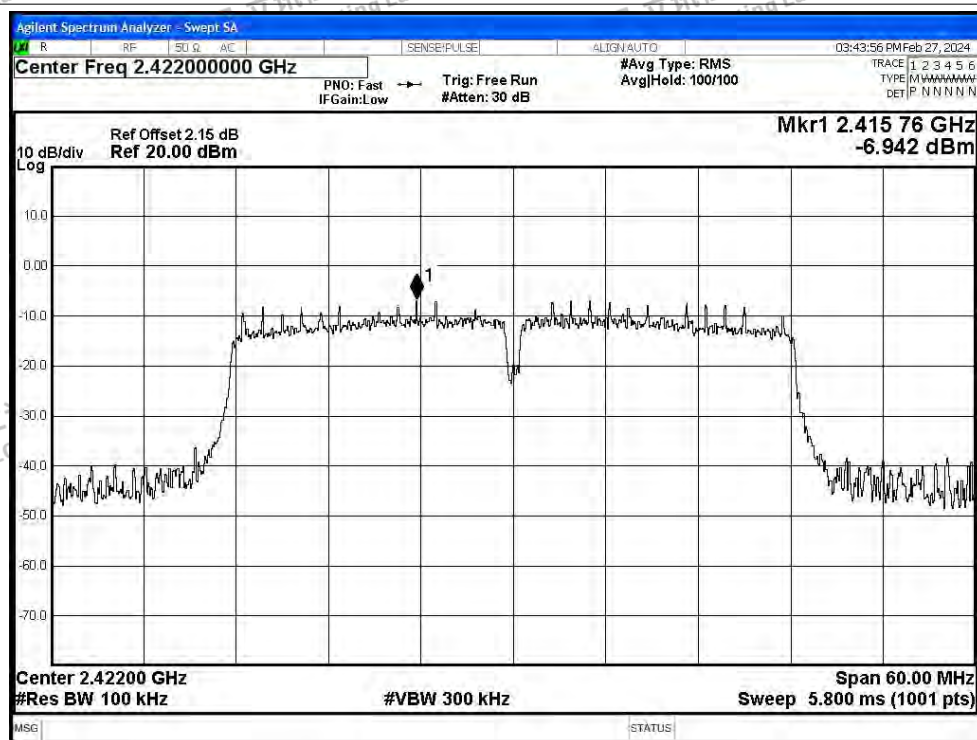


## Band Edge NVNT n20 2462MHz Ant1 Emission

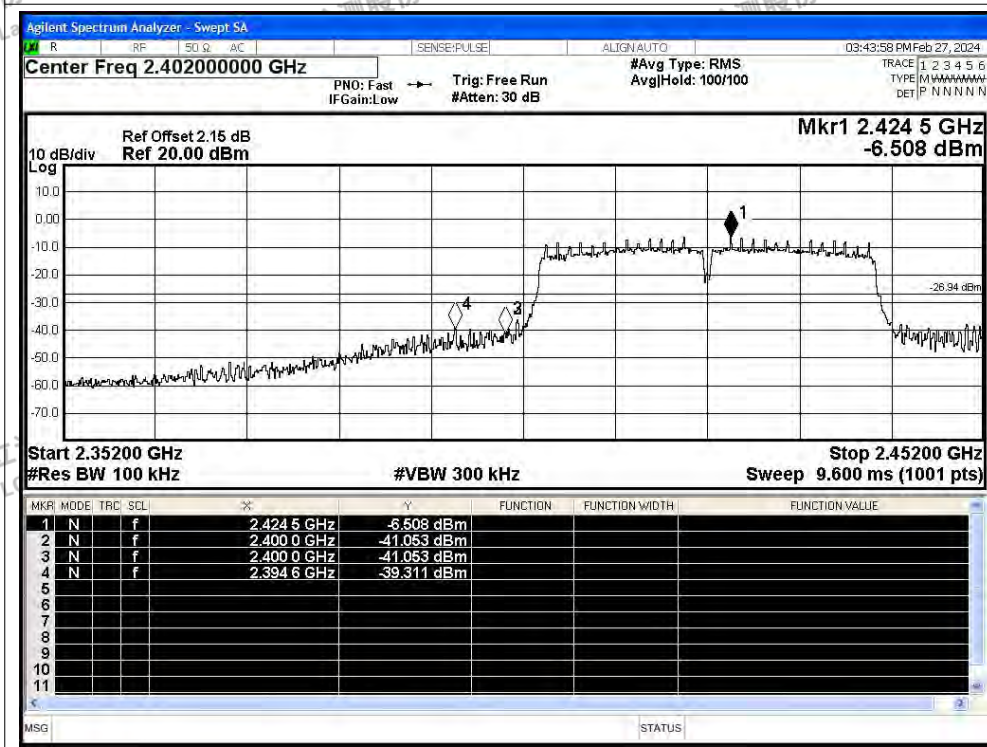




## Band Edge NVNT n40 2422MHz Ant1 Ref

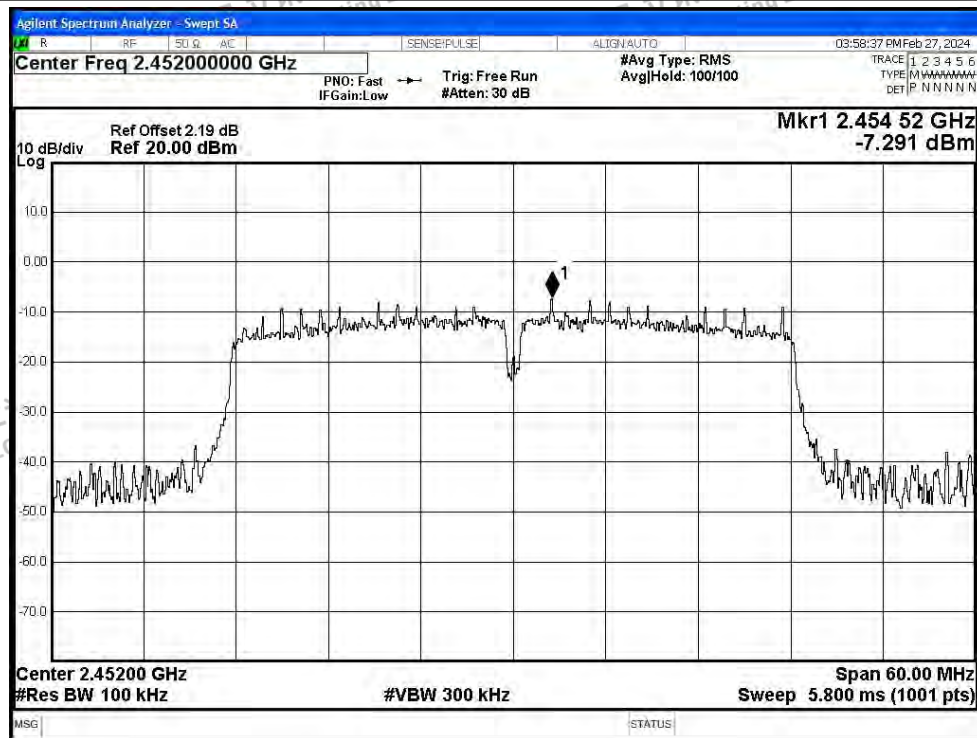


## Band Edge NVNT n40 2422MHz Ant1 Emission

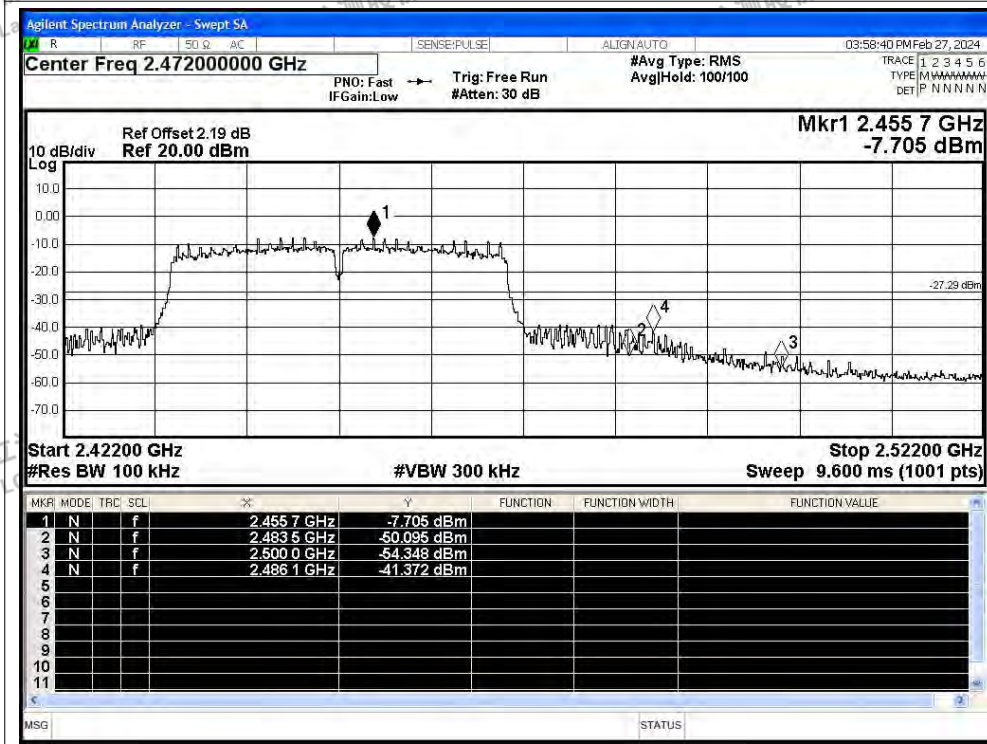




## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission





## C.5 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -51.62          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -52.42          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -49.63          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -46.04          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -45.71          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -44.25          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -44.72          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -44.52          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -43.02          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -40.12          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -39.13          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -38.12          | -20         | 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

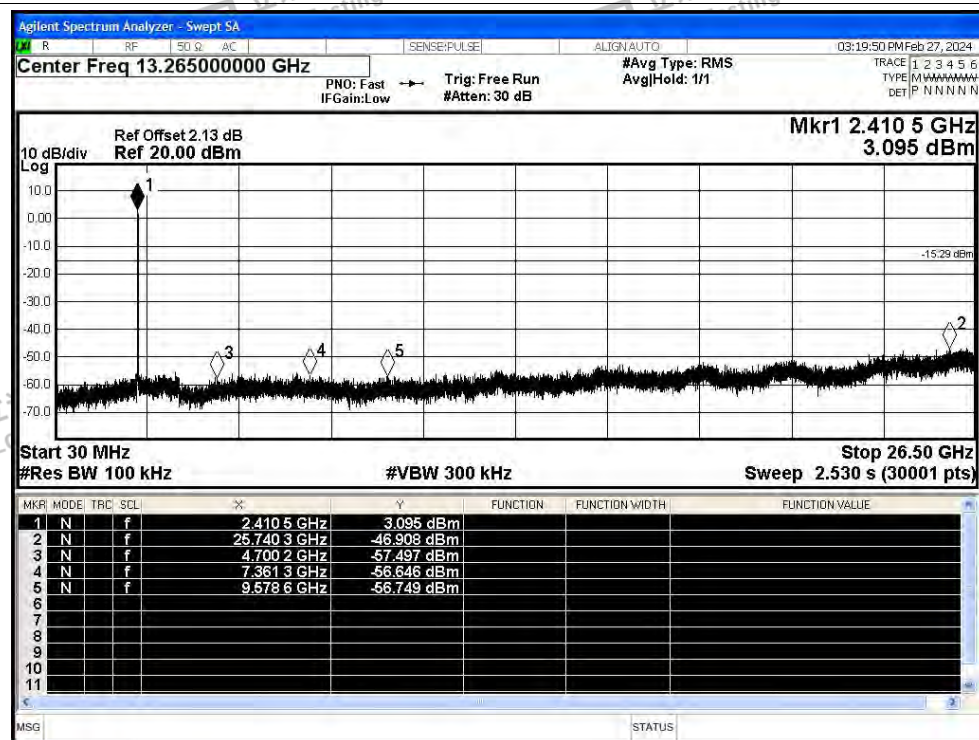


## Test Graphs

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

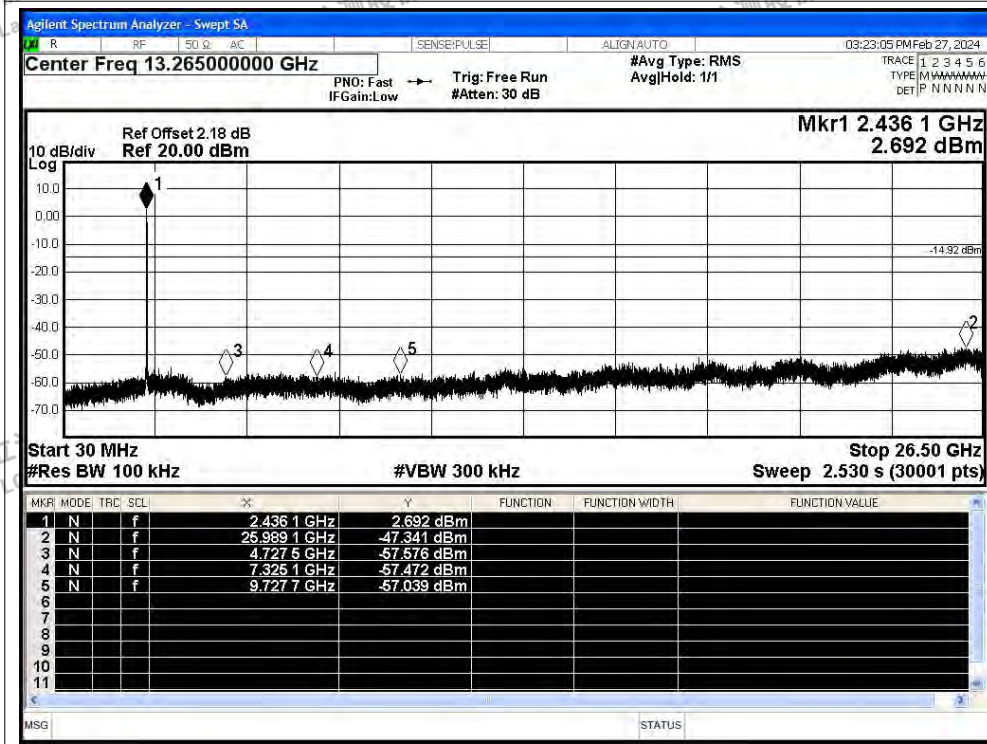
Scan code to check authenticity



Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission

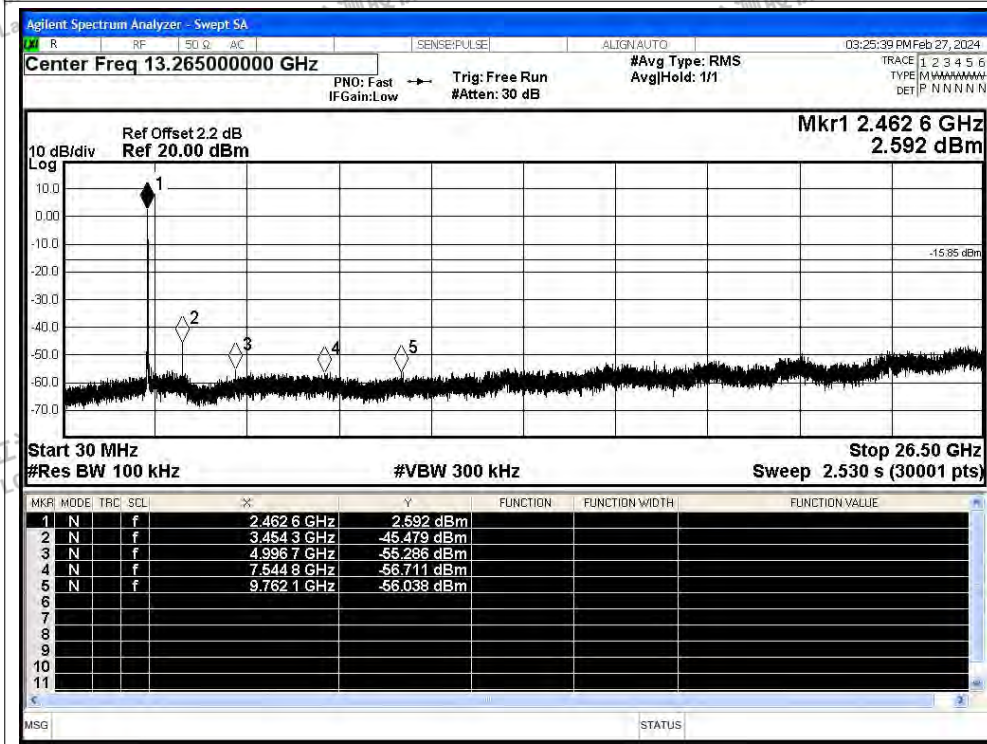




Tx: Spurious NVNT b 2462MHz Ant1 Ref

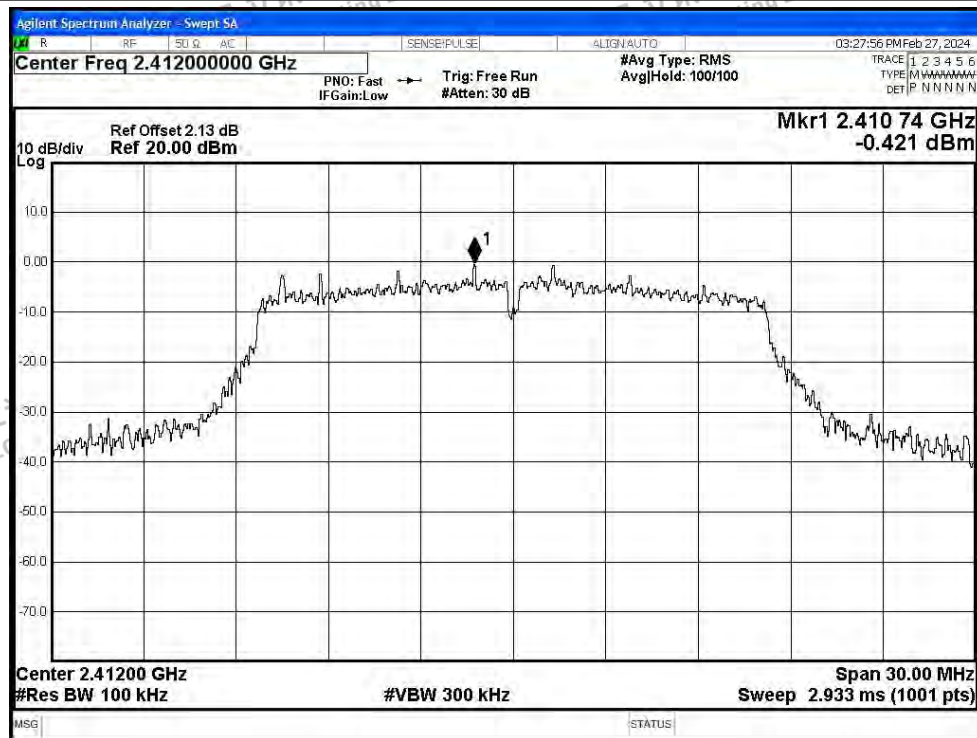


Tx: Spurious NVNT b 2462MHz Ant1 Emission

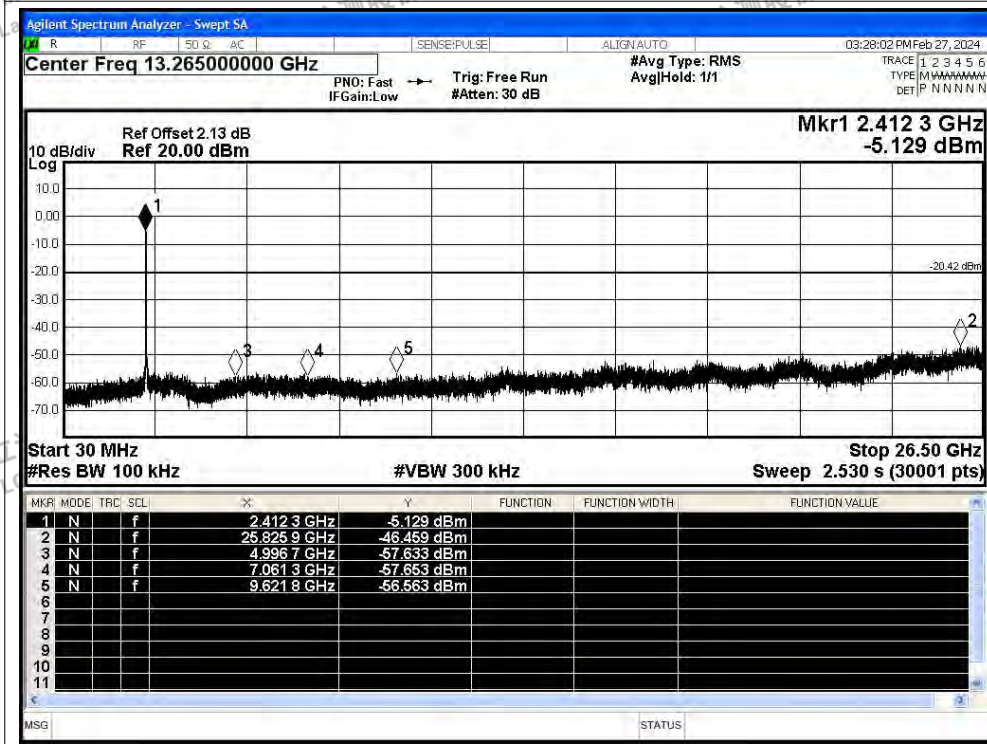




Tx. Spurious NVNT g 2412MHz Ant1 Ref

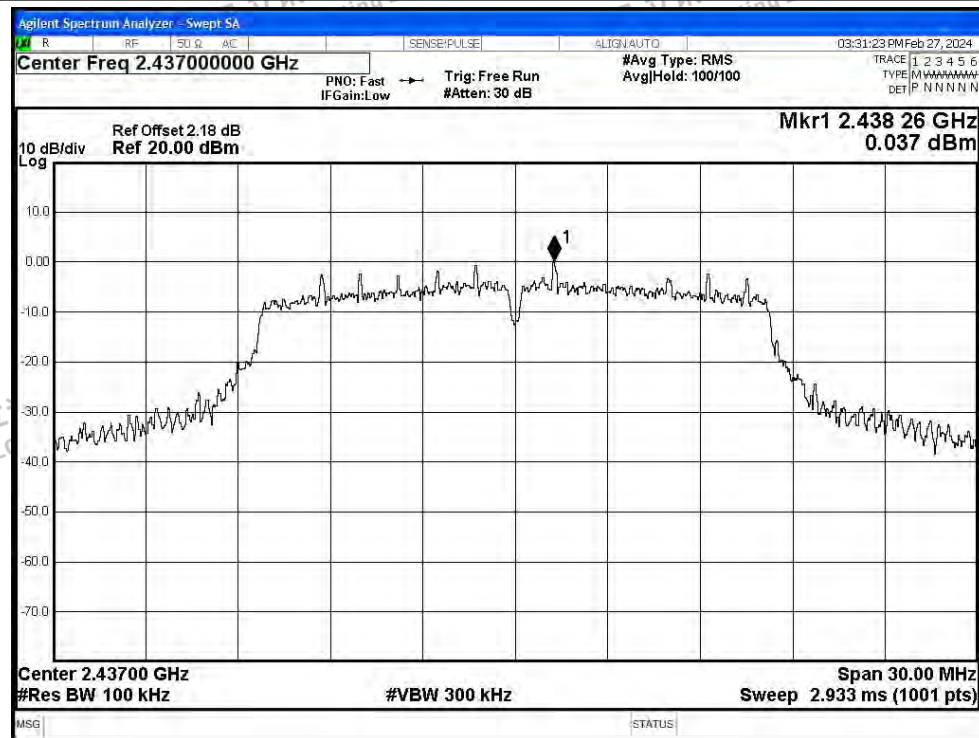


Tx. Spurious NVNT g 2412MHz Ant1 Emission

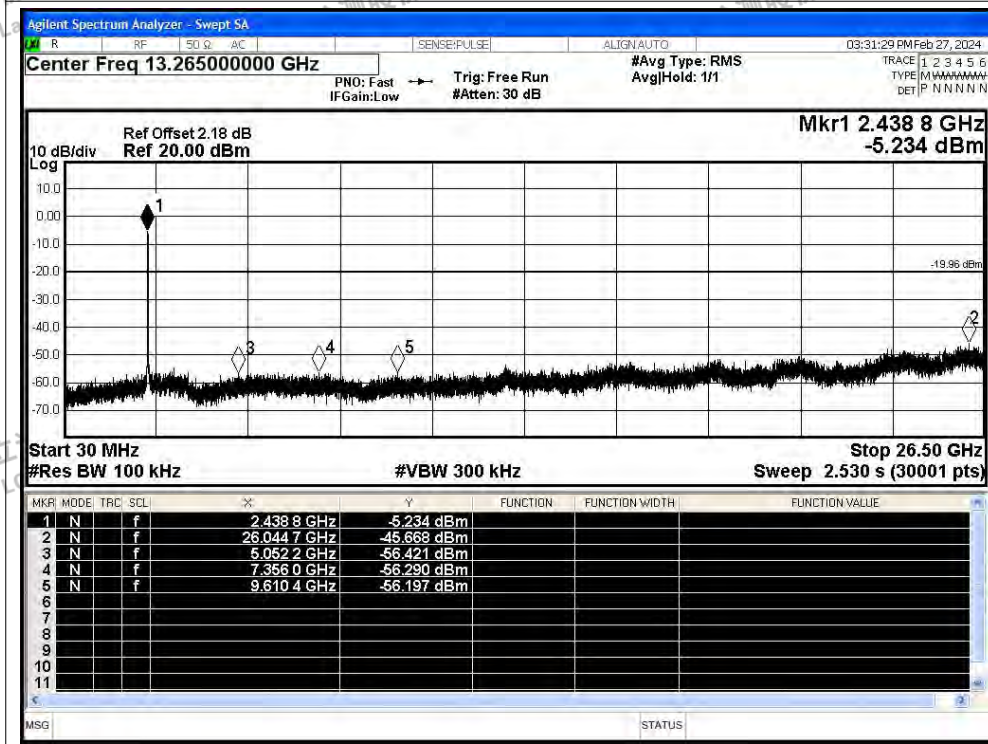




Tx. Spurious NVNT g 2437MHz Ant1 Ref

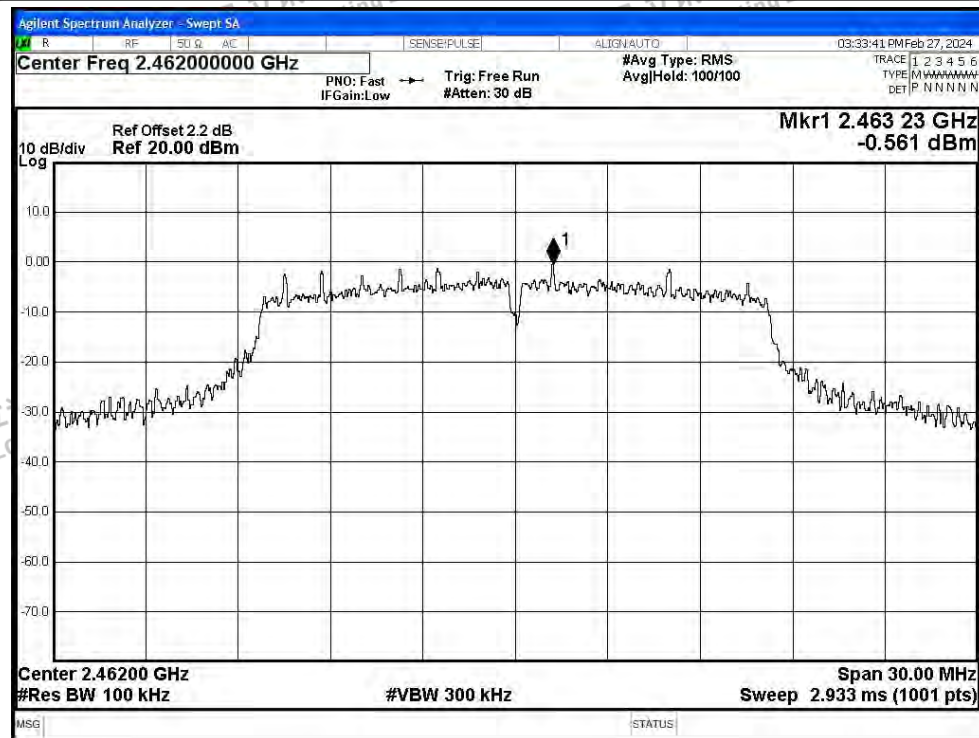


Tx. Spurious NVNT g 2437MHz Ant1 Emission

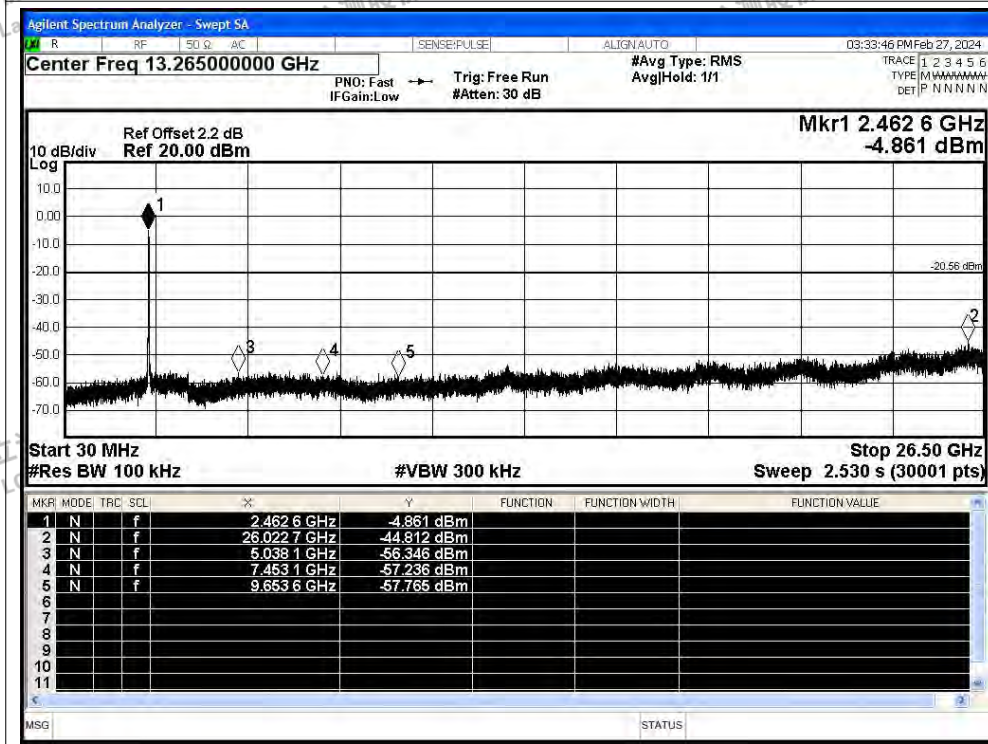




Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

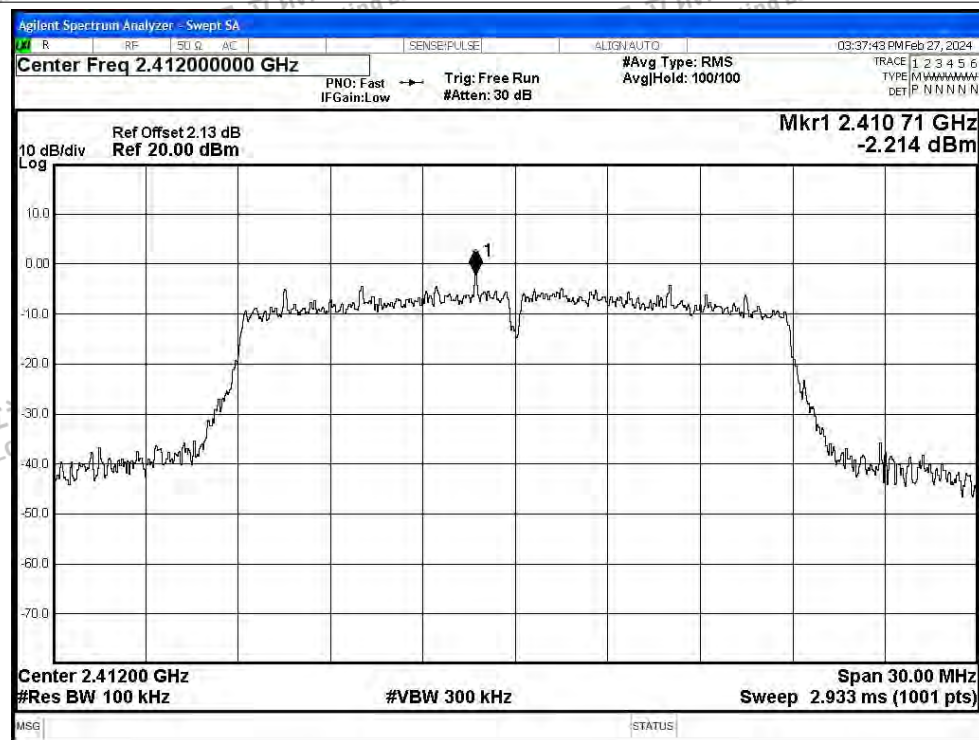
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

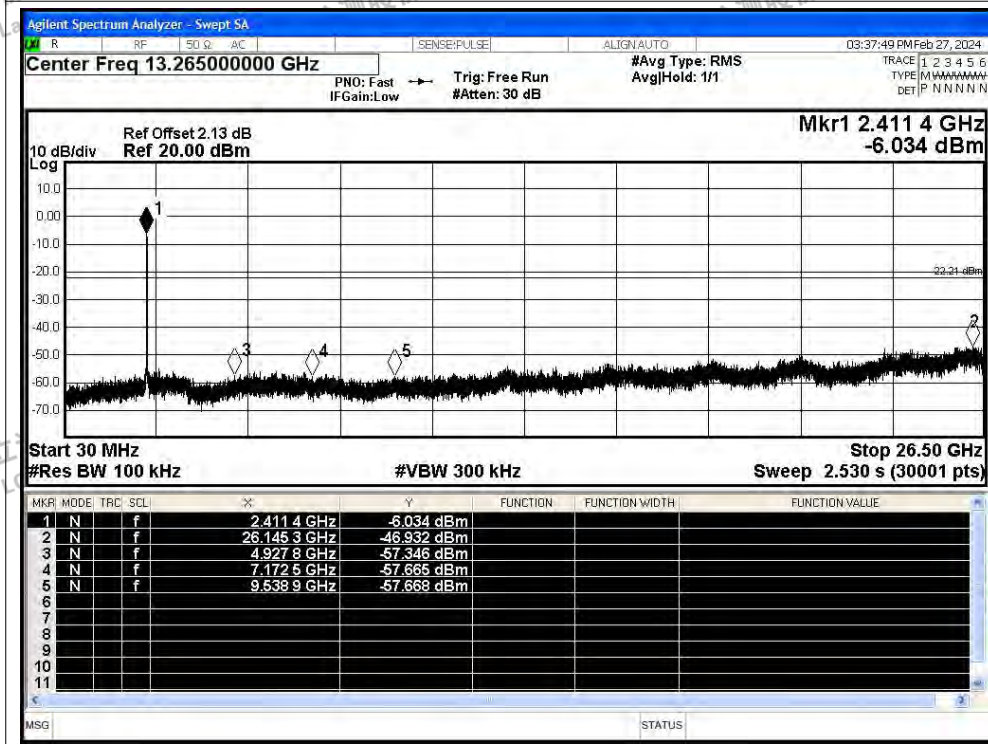
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant1 Ref

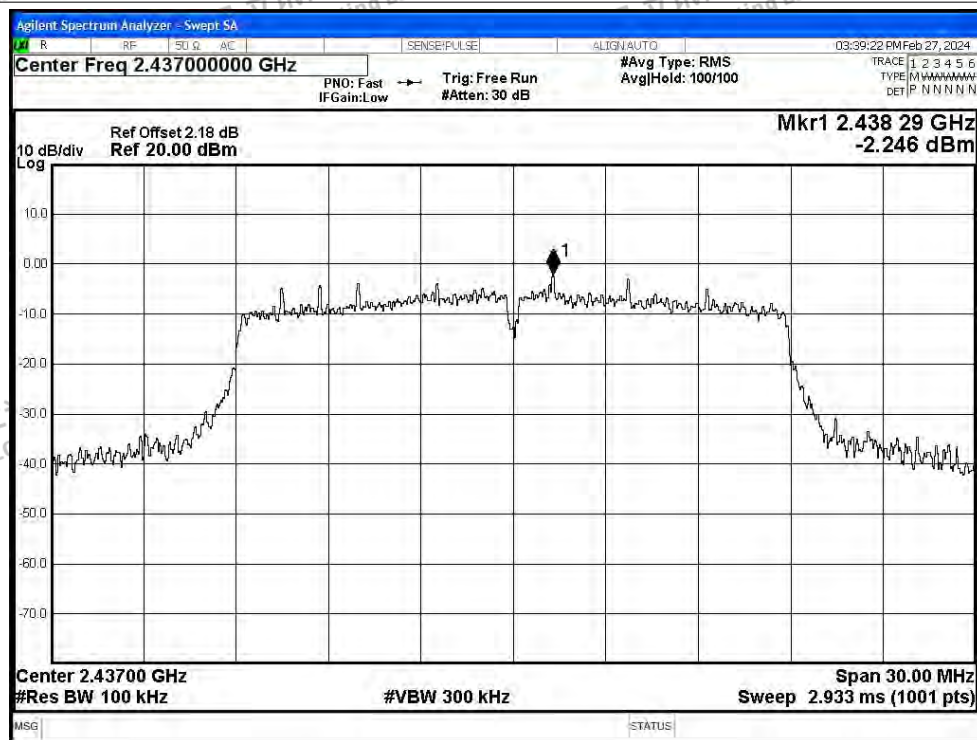


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

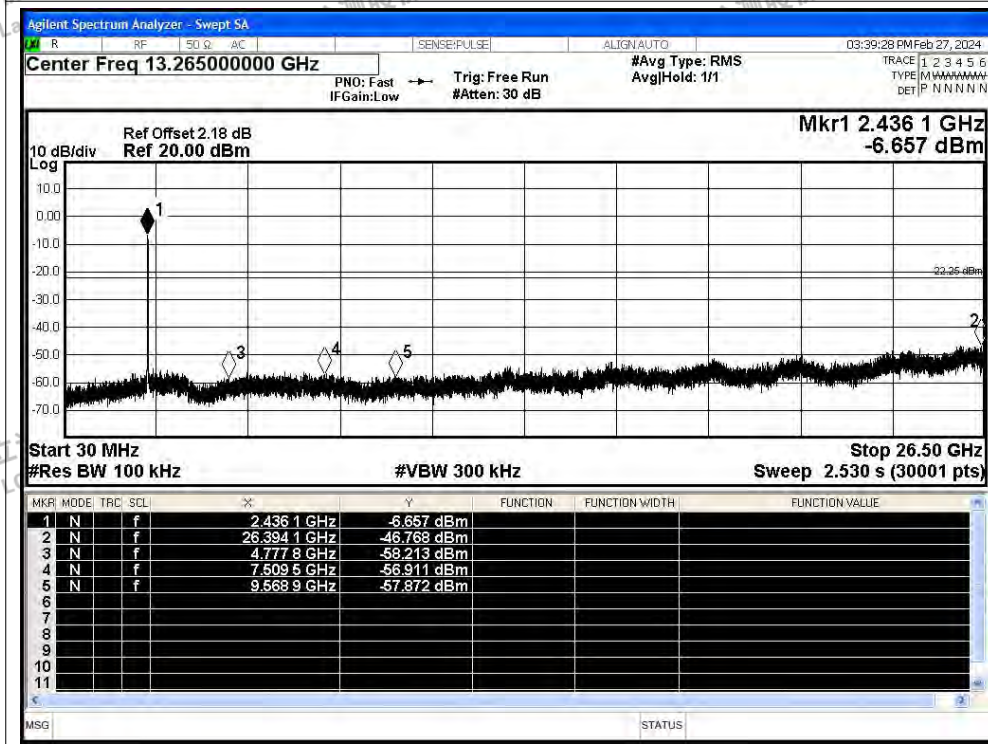




Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

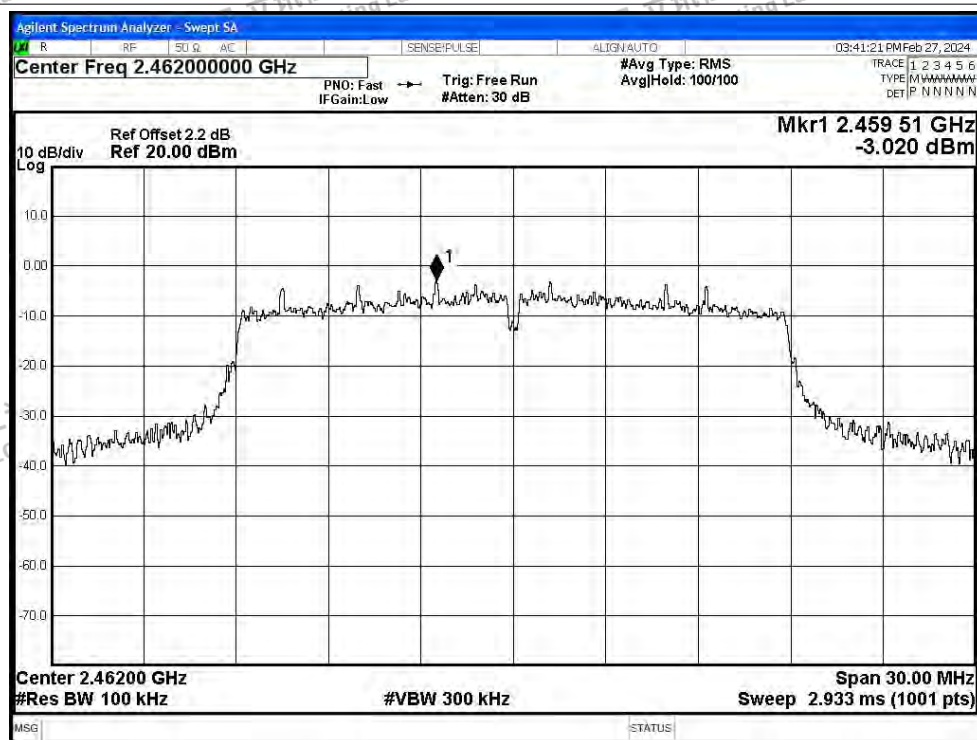
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

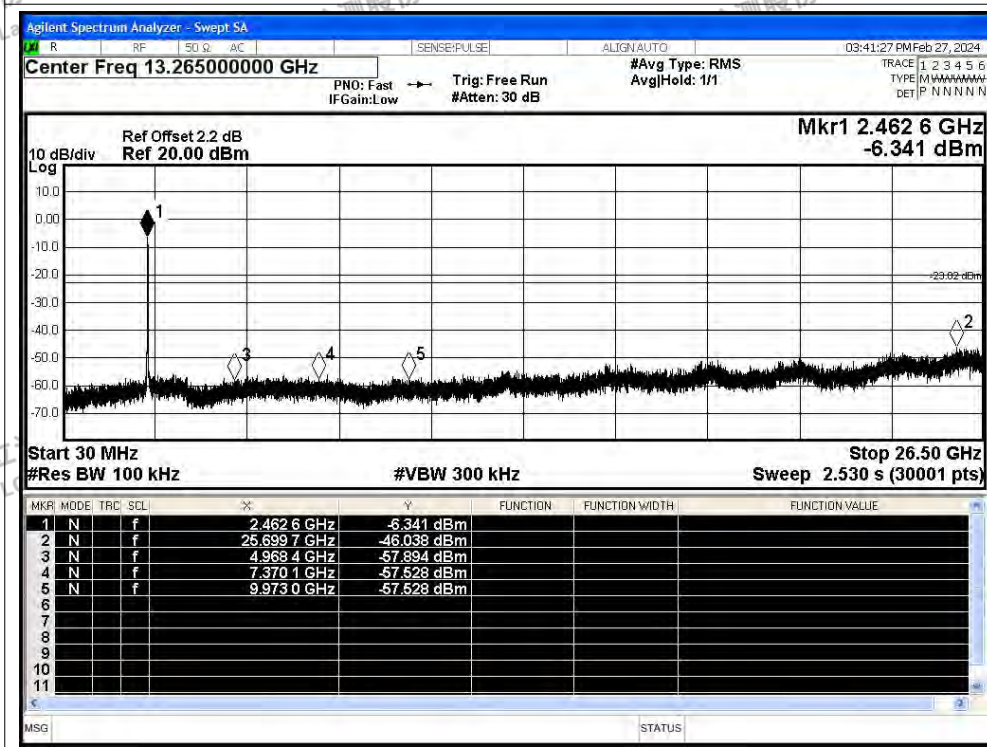
Scan code to check authenticity



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

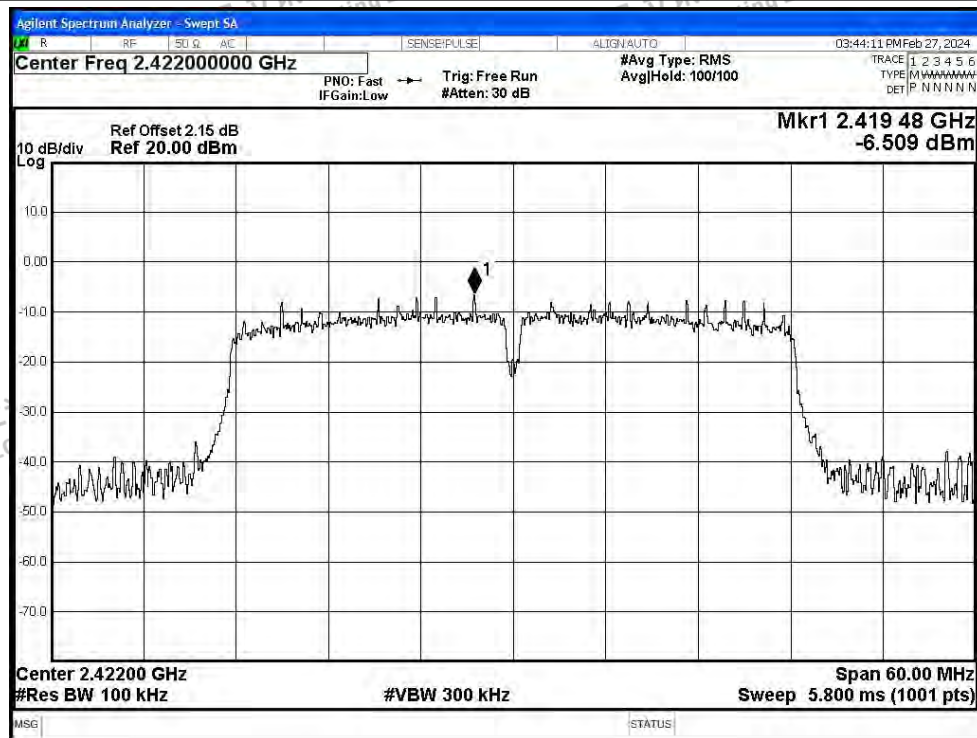
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

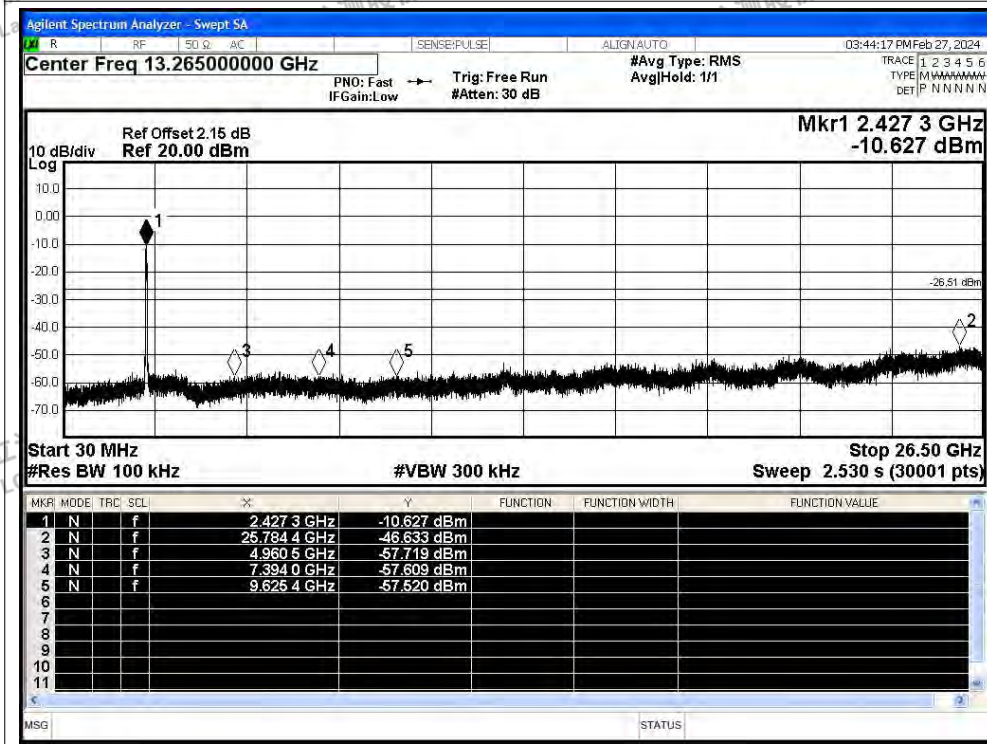
Scan code to check authenticity



Tx. Spurious NVNT n40 2422MHz Ant1 Ref

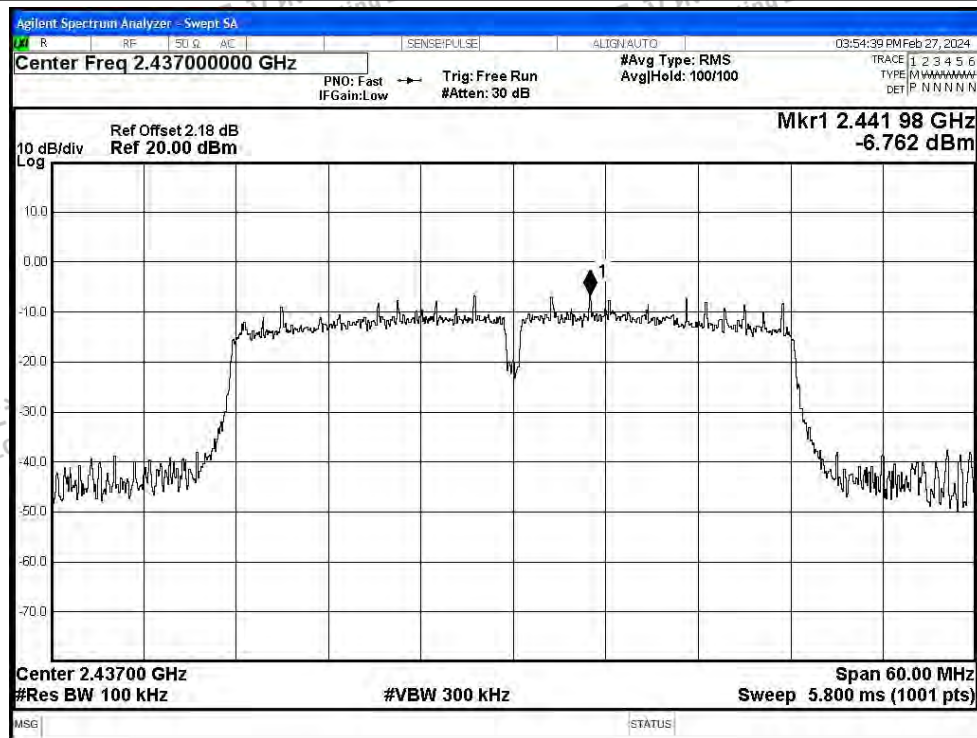


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

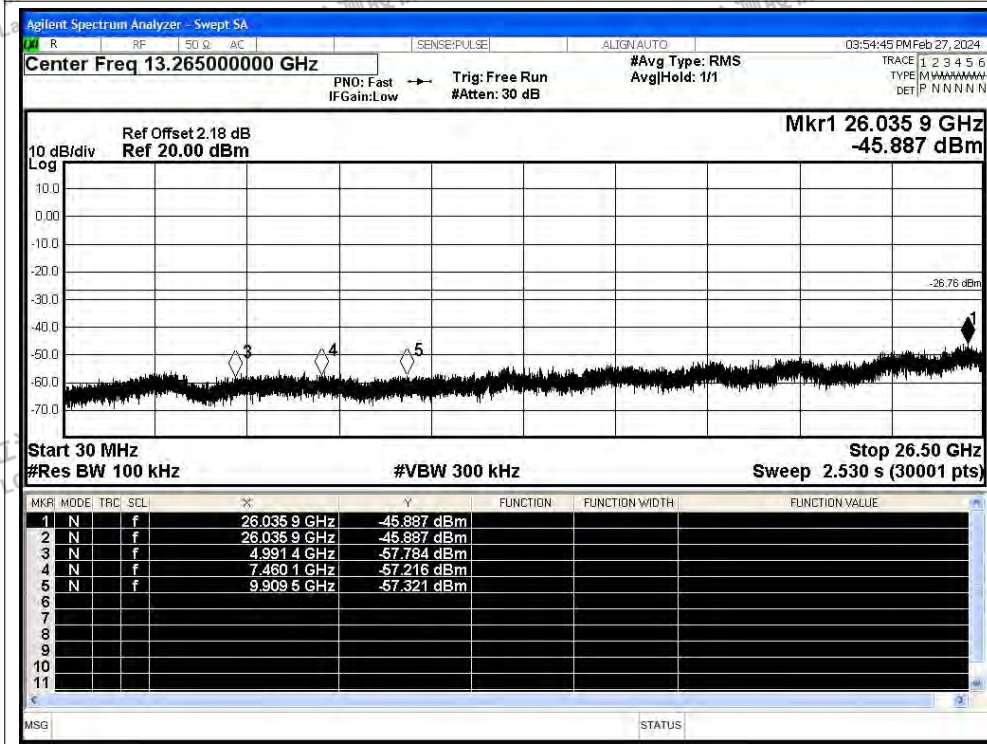




Tx. Spurious NVNT n40 2437MHz Ant1 Ref

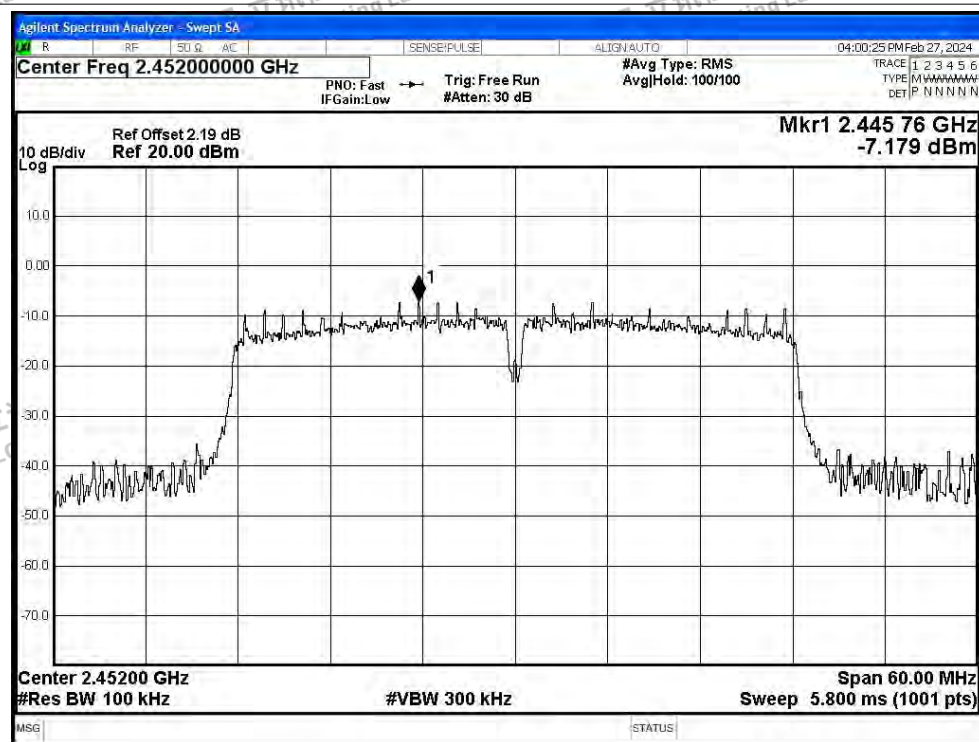


Tx. Spurious NVNT n40 2437MHz Ant1 Emission

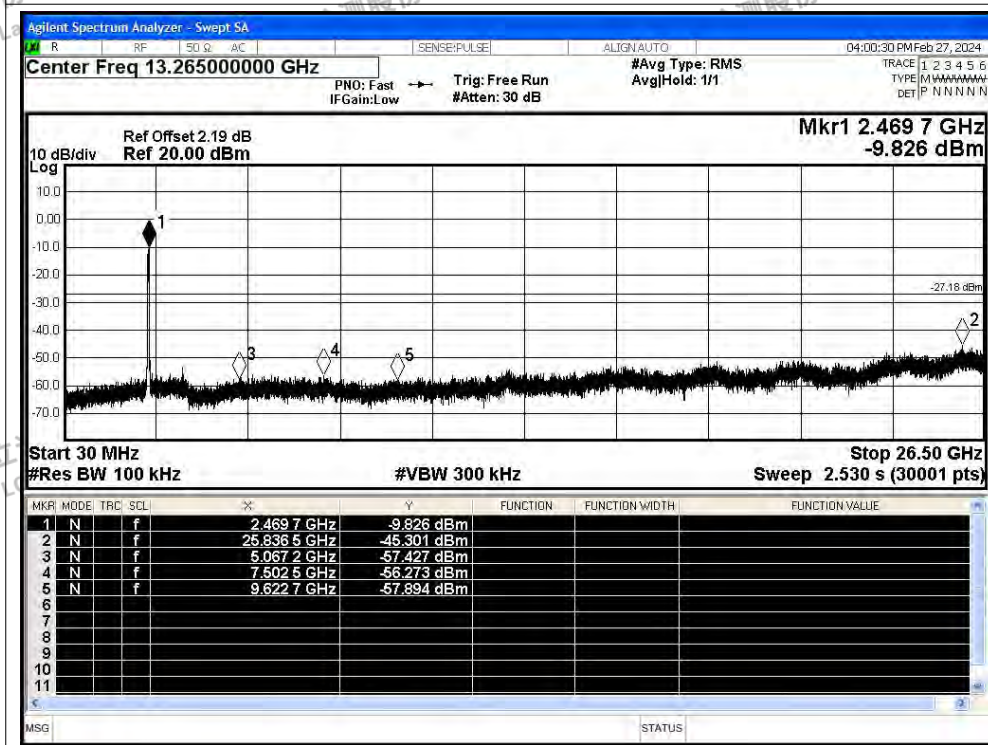




Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission





## C.6 Duty Cycle

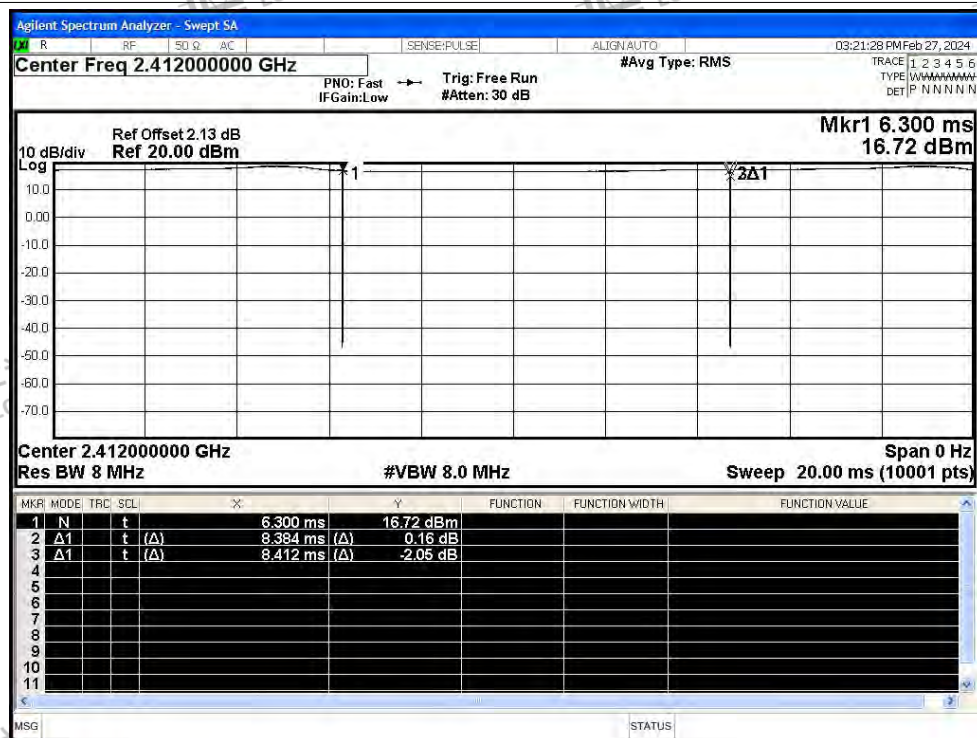
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 97.62          | 0.1                    | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 97.62          | 0.1                    | 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    | 97.45          | 0.11                   | 0.77      |
| NVNT      | n40  | 2422            | Ant1    | 94.74          | 0.23                   | 1.54      |
| NVNT      | n40  | 2437            | Ant1    | 95.31          | 0.21                   | 1.54      |
| NVNT      | n40  | 2452            | Ant1    | 95.31          | 0.21                   | 1.54      |



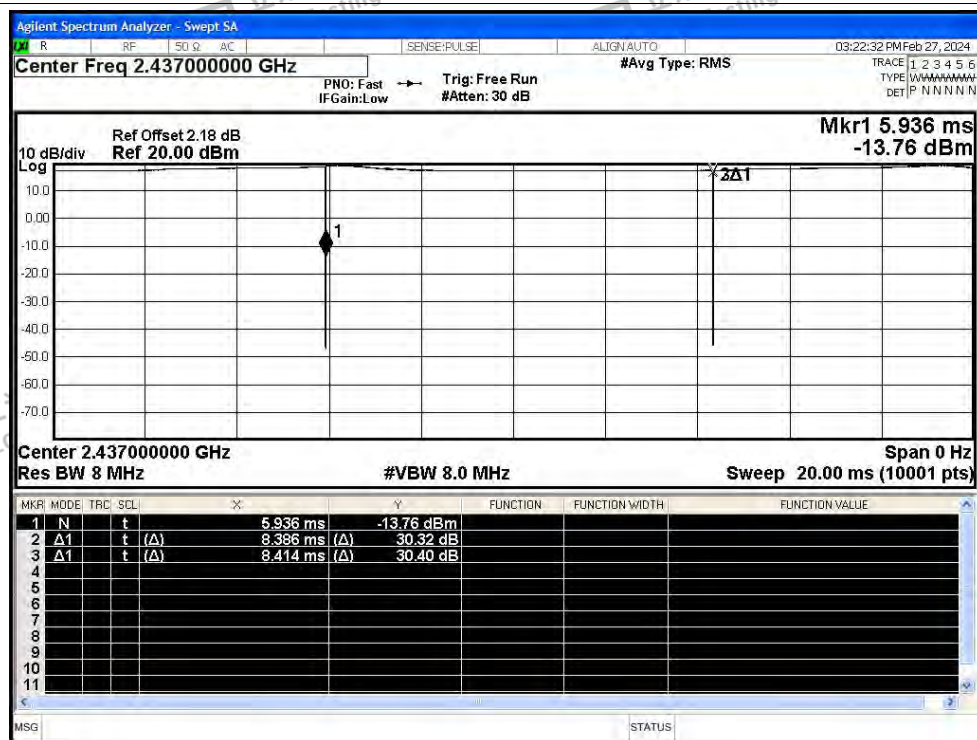


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1



## Duty Cycle NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

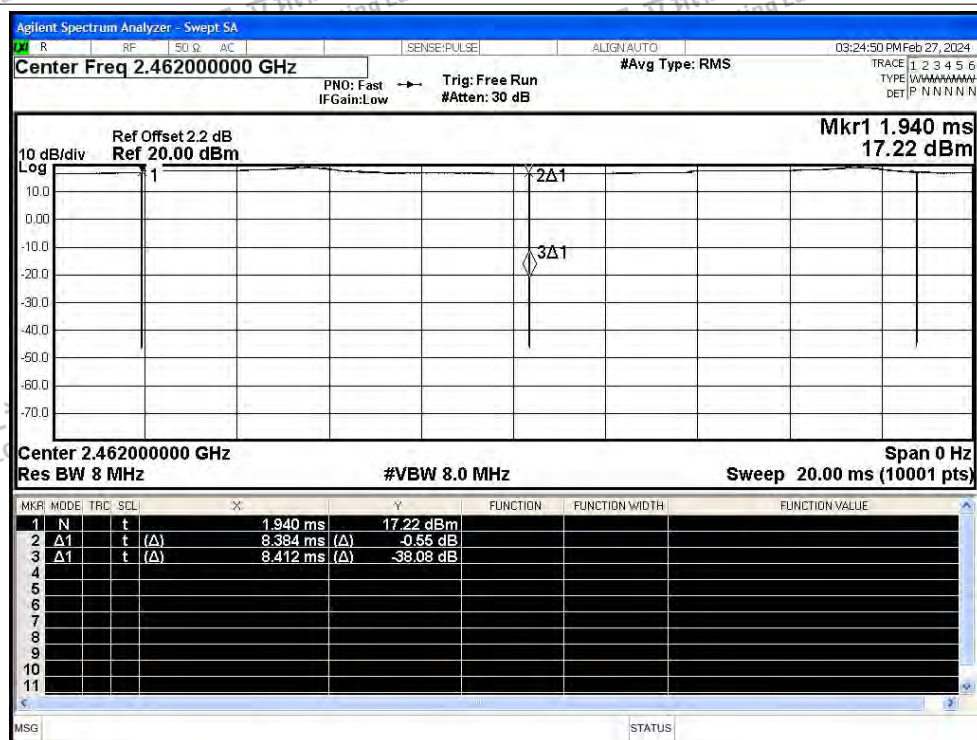
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

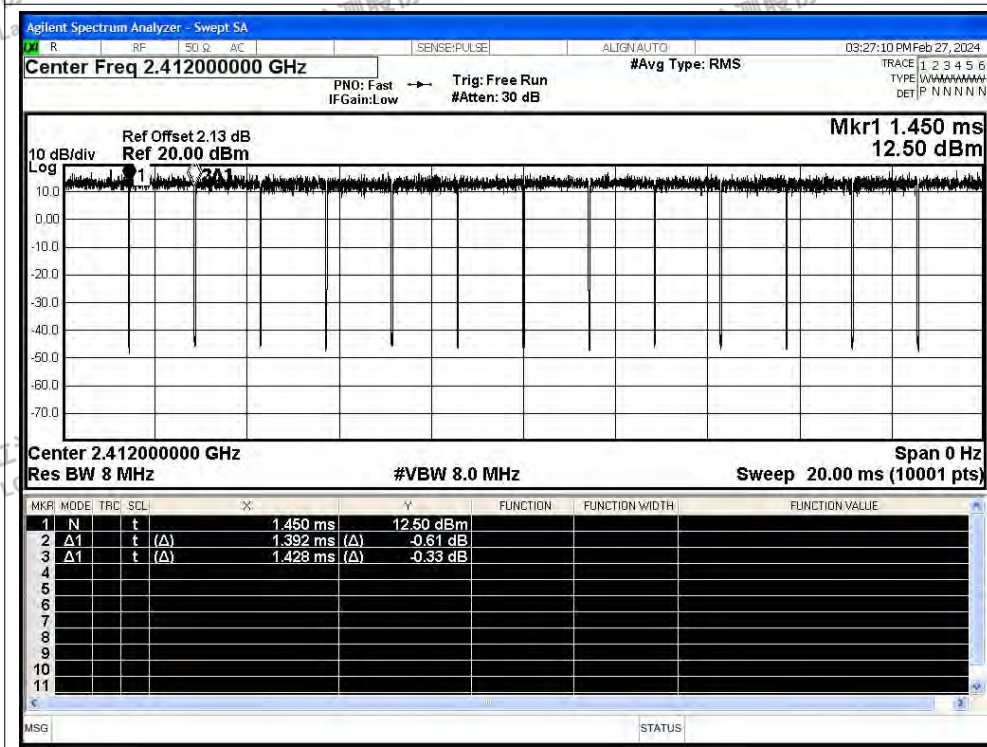
Scan code to check authenticity



## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

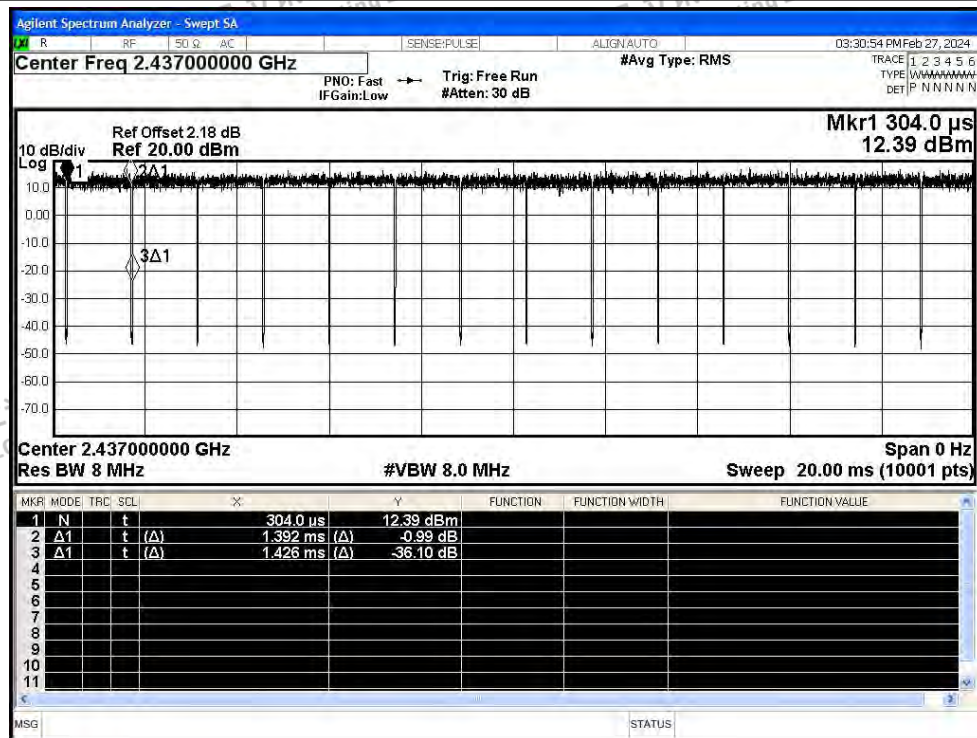
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

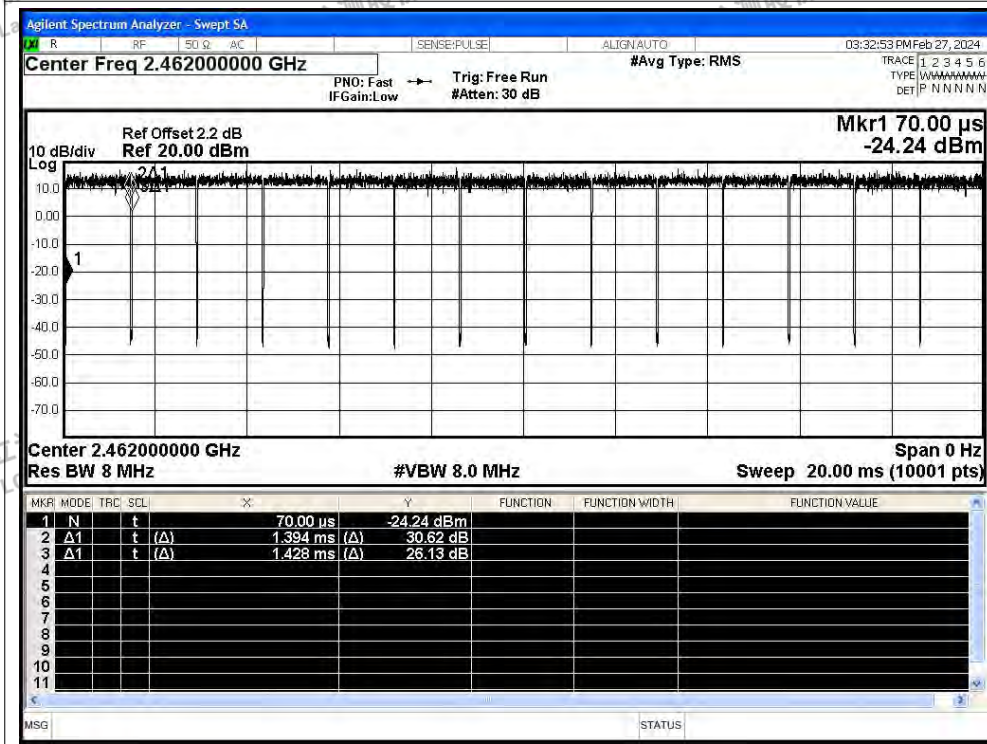
Scan code to check authenticity



## Duty Cycle NVNT g 2437MHz Ant1



## Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

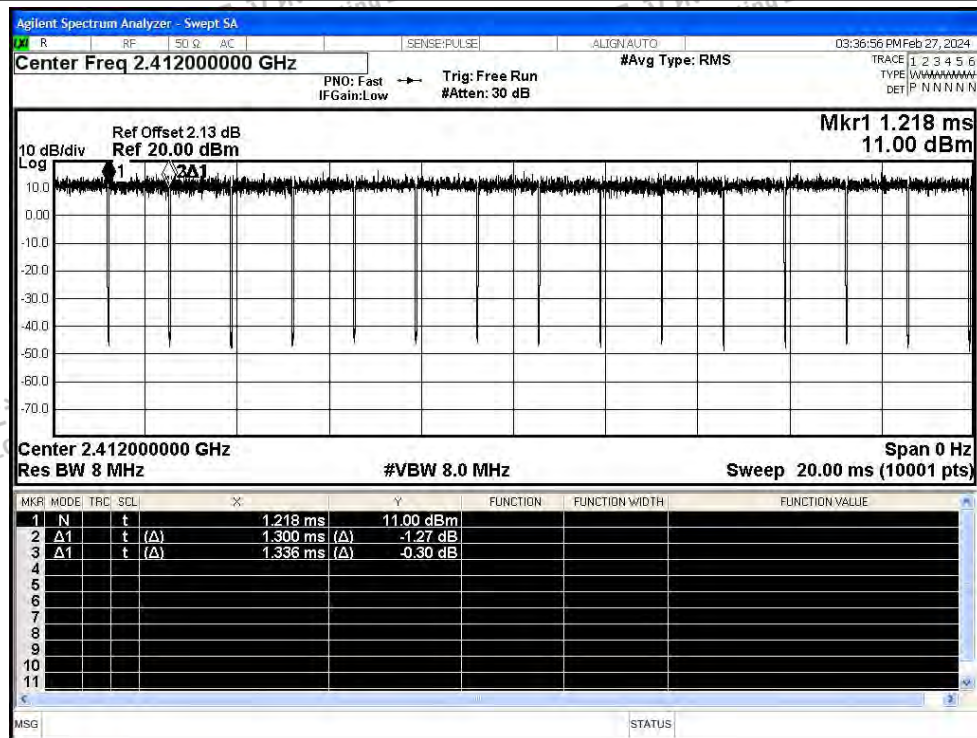
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

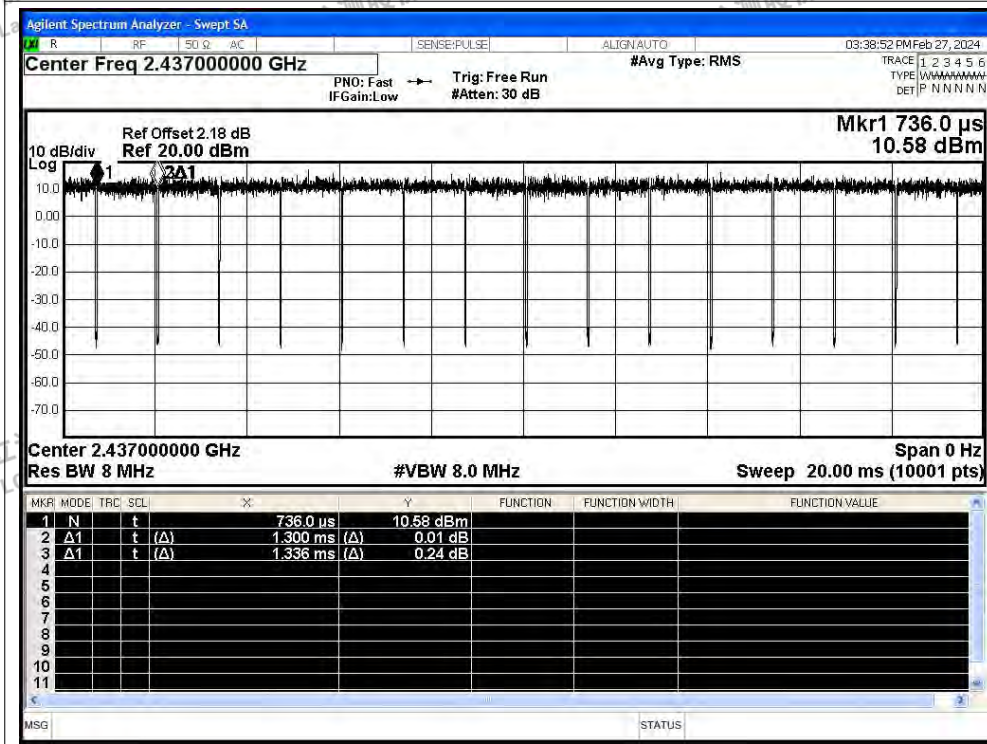
Scan code to check authenticity



## Duty Cycle NVNT n20 2412MHz Ant1



## Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

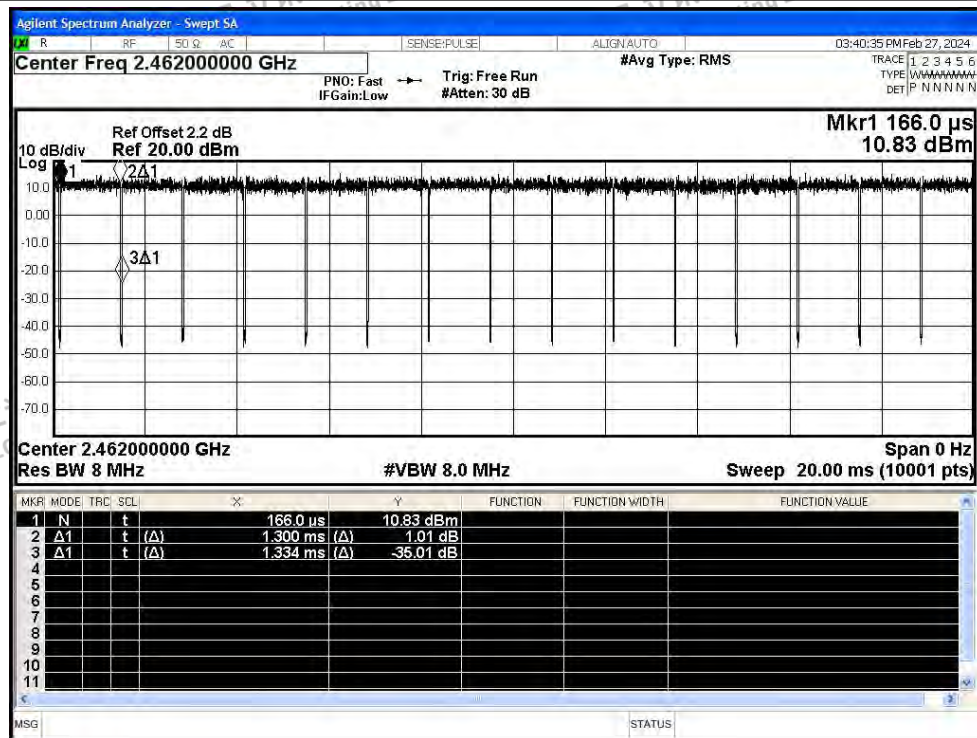
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

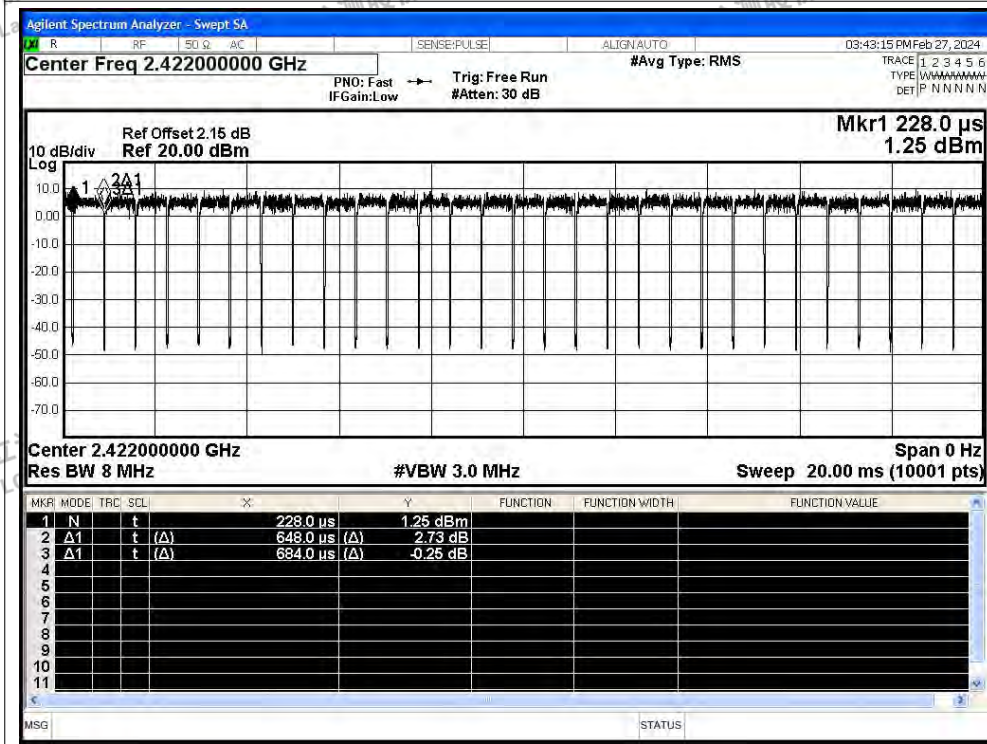
Scan code to check authenticity



## Duty Cycle NVNT n20 2462MHz Ant1



## Duty Cycle NVNT n40 2422MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

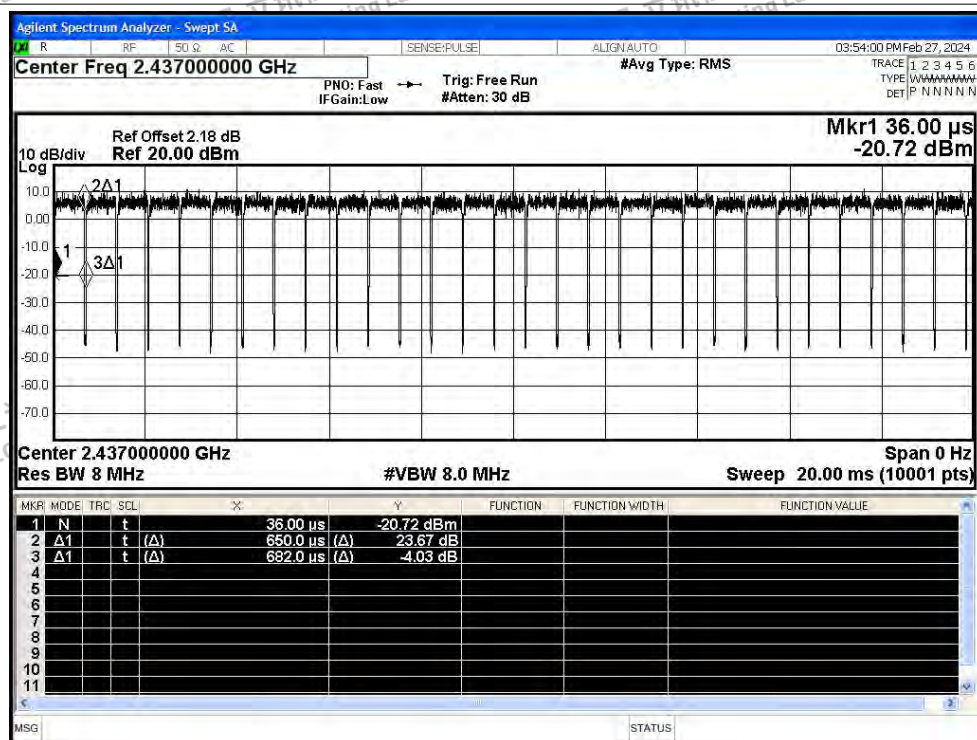
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

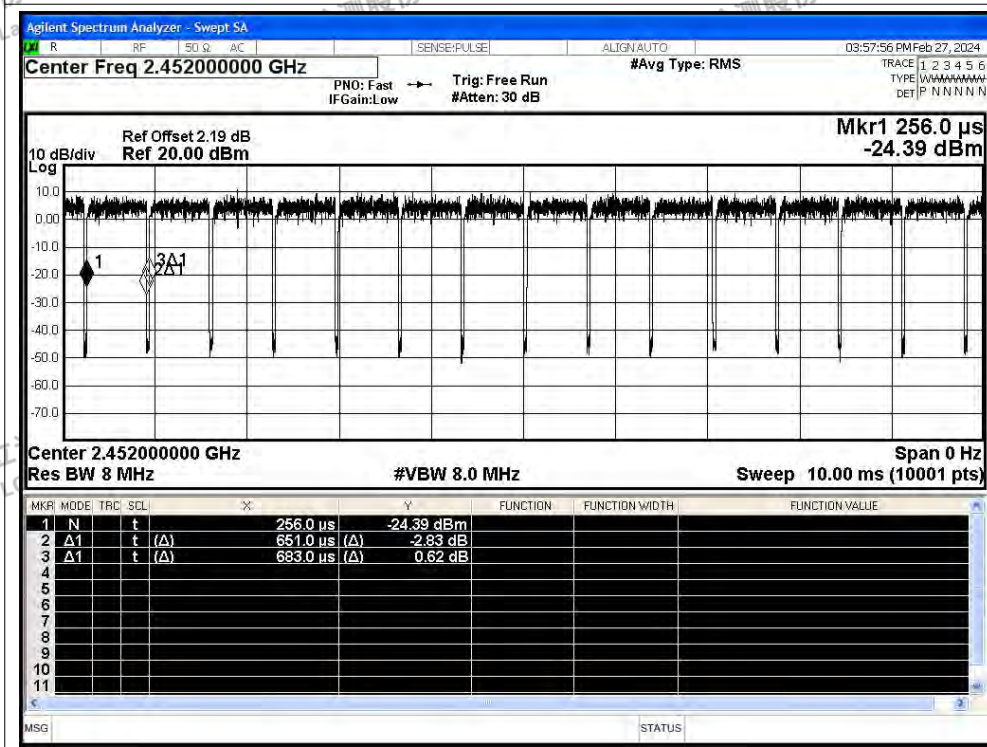
Scan code to check authenticity



## 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<br>(MHz) | Antenna | Spur Freq<br>(MHz) | Power<br>(dBm) | Gain<br>(dBi) | Duty<br>Factor<br>(dB) | E<br>(dBuV/m) | Detector | Limit<br>(dBuV/m) | Verdict |
|-----------|------|--------------------|---------|--------------------|----------------|---------------|------------------------|---------------|----------|-------------------|---------|
| NVNT      | b    | 2412               | Ant1    | 2310               | -50.51         | 2.67          | -                      | 47.42         | Peak     | 74                | Pass    |
| NVNT      | b    | 2412               | Ant1    | 2310               | -58.5          | 2.67          | 0                      | 39.43         | Average  | 54                | Pass    |
| NVNT      | b    | 2412               | Ant1    | 2383.71            | -45.27         | 2.67          | -                      | 52.66         | Peak     | 74                | Pass    |
| NVNT      | b    | 2412               | Ant1    | 2386.752           | -54.77         | 2.67          | 0                      | 43.16         | Average  | 54                | Pass    |
| NVNT      | b    | 2412               | Ant1    | 2390               | -48.15         | 2.67          | -                      | 49.78         | Peak     | 74                | Pass    |
| NVNT      | b    | 2412               | Ant1    | 2390               | -57.15         | 2.67          | 0                      | 40.78         | Average  | 54                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2483.5             | -47.92         | 2.67          | -                      | 50.01         | Peak     | 74                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2483.5             | -55.47         | 2.67          | 0                      | 42.46         | Average  | 54                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2497.774           | -44.61         | 2.67          | -                      | 53.32         | Peak     | 74                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2492.262           | -53.82         | 2.67          | 0                      | 44.11         | Average  | 54                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2500               | -47.11         | 2.67          | -                      | 50.82         | Peak     | 74                | Pass    |
| NVNT      | b    | 2462               | Ant1    | 2500               | -55.52         | 2.67          | 0                      | 42.41         | Average  | 54                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2310               | -49.52         | 2.67          | -                      | 48.41         | Peak     | 74                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2310               | -58.1          | 2.67          | 0.13                   | 39.83         | Average  | 54                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2385.816           | -44.01         | 2.67          | -                      | 53.92         | Peak     | 74                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2389.443           | -53.3          | 2.67          | 0.13                   | 44.63         | Average  | 54                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2390               | -45.25         | 2.67          | -                      | 52.68         | Peak     | 74                | Pass    |
| NVNT      | g    | 2412               | Ant1    | 2390               | -53.03         | 2.67          | 0.13                   | 44.90         | Average  | 54                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2483.5             | -43.26         | 2.67          | -                      | 54.67         | Peak     | 74                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2483.5             | -52.03         | 2.67          | 0.13                   | 45.90         | Average  | 54                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2483.729           | -39.47         | 2.67          | -                      | 58.46         | Peak     | 74                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2483.676           | -51.07         | 2.67          | 0.13                   | 46.86         | Average  | 54                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2500               | -44.08         | 2.67          | -                      | 53.85         | Peak     | 74                | Pass    |
| NVNT      | g    | 2462               | Ant1    | 2500               | -53.94         | 2.67          | 0.13                   | 43.99         | Average  | 54                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2310               | -50.99         | 2.67          | -                      | 46.94         | Peak     | 74                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2310               | -58.05         | 2.67          | 0.15                   | 39.88         | Average  | 54                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2387.22            | -42.17         | 2.67          | -                      | 55.76         | Peak     | 74                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2389.092           | -54.24         | 2.67          | 0.15                   | 43.69         | Average  | 54                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2390               | -45.76         | 2.67          | -                      | 52.17         | Peak     | 74                | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 2390               | -54.02         | 2.67          | 0.15                   | 43.91         | Average  | 54                | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 2483.5             | -44.61         | 2.67          | -                      | 53.32         | Peak     | 74                | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 2483.5             | -52.41         | 2.67          | 0.15                   | 45.52         | Average  | 54                | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 2483.676           | -37.25         | 2.67          | -                      | 60.68         | Peak     | 74                | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 2484.736           | -51.76         | 2.67          | 0.15                   | 46.17         | Average  | 54                | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 2500               | -45.75         | 2.67          | -                      | 52.18         | 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



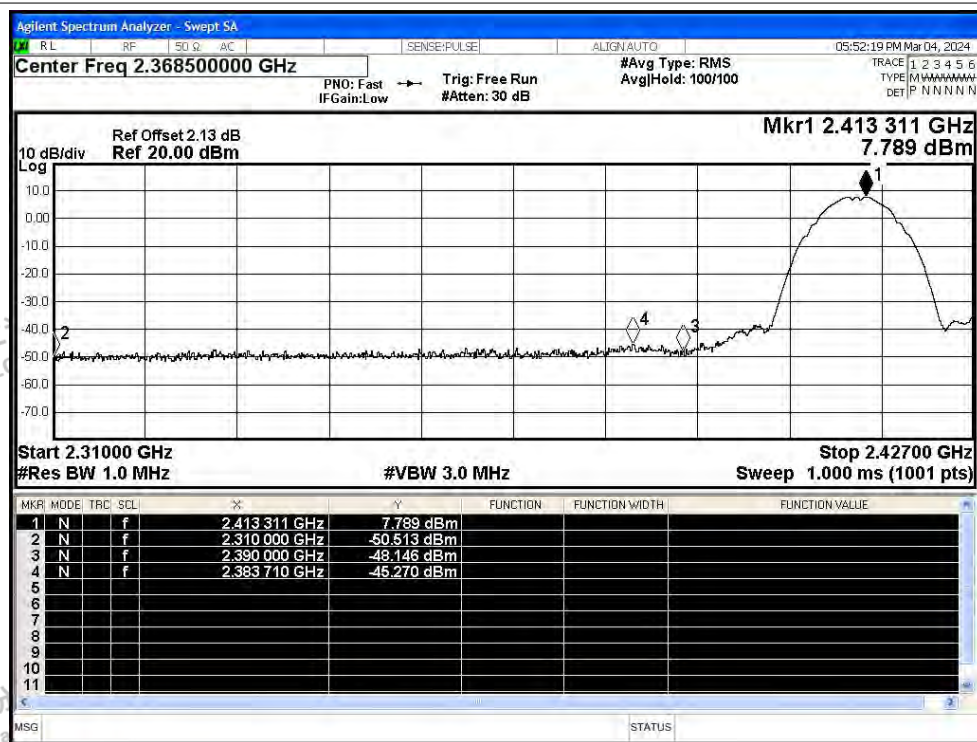
|      |     |      |      |          |        |      |      |       |         |    |      |
|------|-----|------|------|----------|--------|------|------|-------|---------|----|------|
| NVNT | n20 | 2462 | Ant1 | 2500     | -53.68 | 2.67 | 0.15 | 44.25 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2310     | -51.16 | 2.67 | -    | 46.77 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2310     | -58.21 | 2.67 | 0.29 | 39.72 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.662 | -34    | 2.67 | -    | 63.93 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.662 | -51.75 | 2.67 | 0.29 | 46.18 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -39.72 | 2.67 | -    | 58.21 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -51.95 | 2.67 | 0.29 | 45.98 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -43.43 | 2.67 | -    | 54.50 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -52.83 | 2.67 | 0.28 | 45.10 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.62  | -32.41 | 2.67 | -    | 65.52 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2485.726 | -50.44 | 2.67 | 0.28 | 47.49 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -46.11 | 2.67 | -    | 51.82 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -54.46 | 2.67 | 0.28 | 43.47 | Average | 54 | Pass |



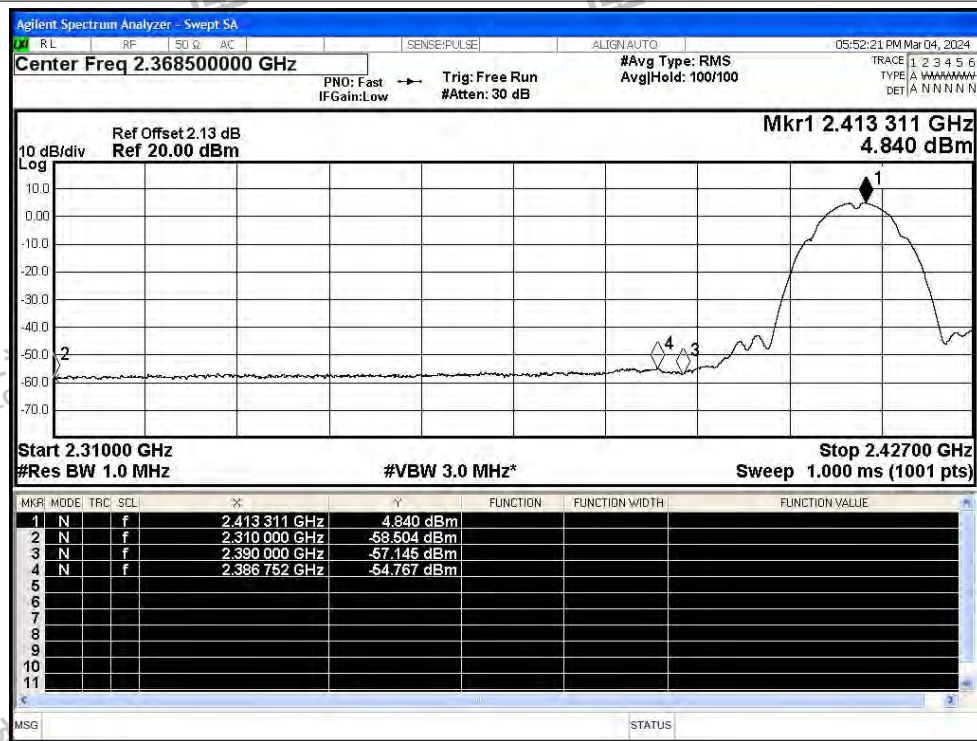


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak

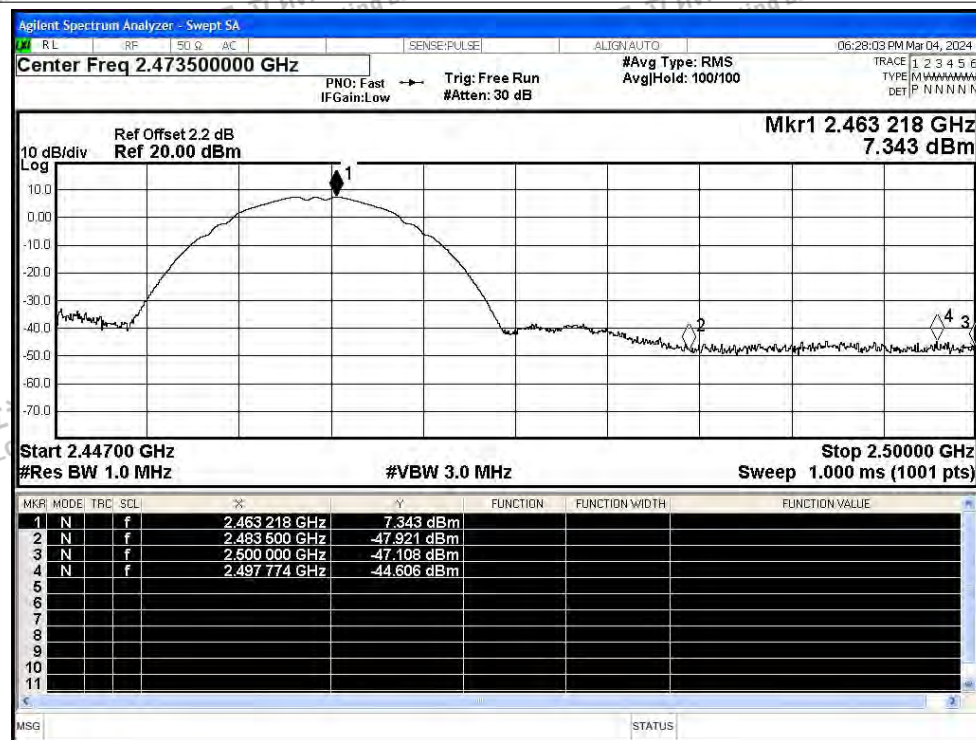


## Restrict Band NVNT b 2412MHz Ant1 Average

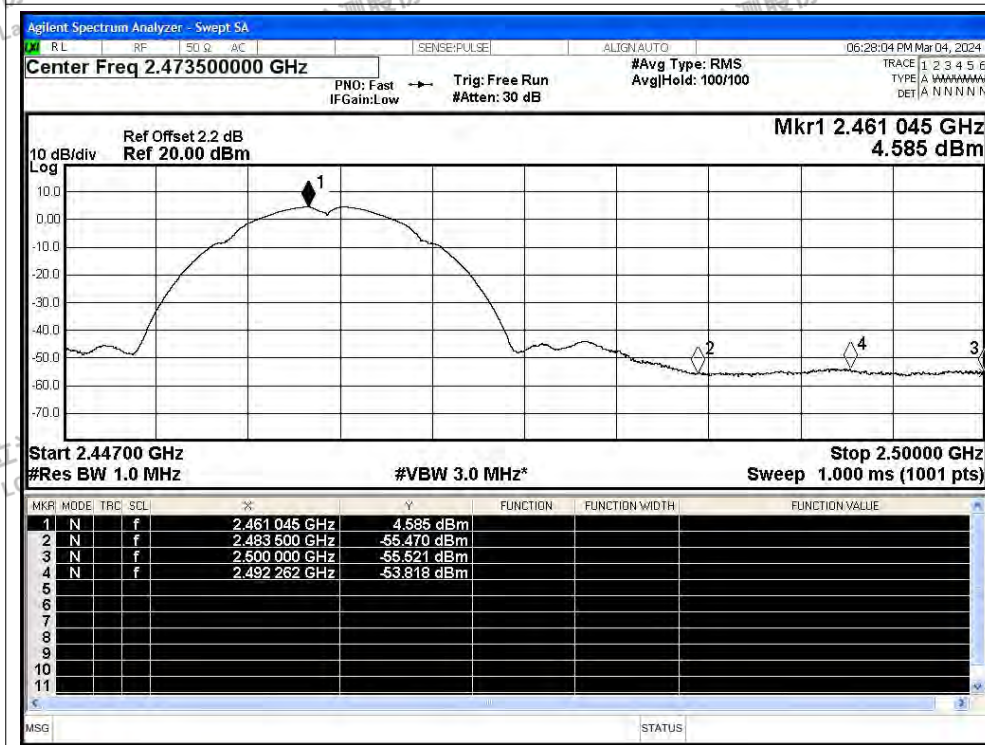




## Restrict Band NVNT b 2462MHz Ant1 Peak

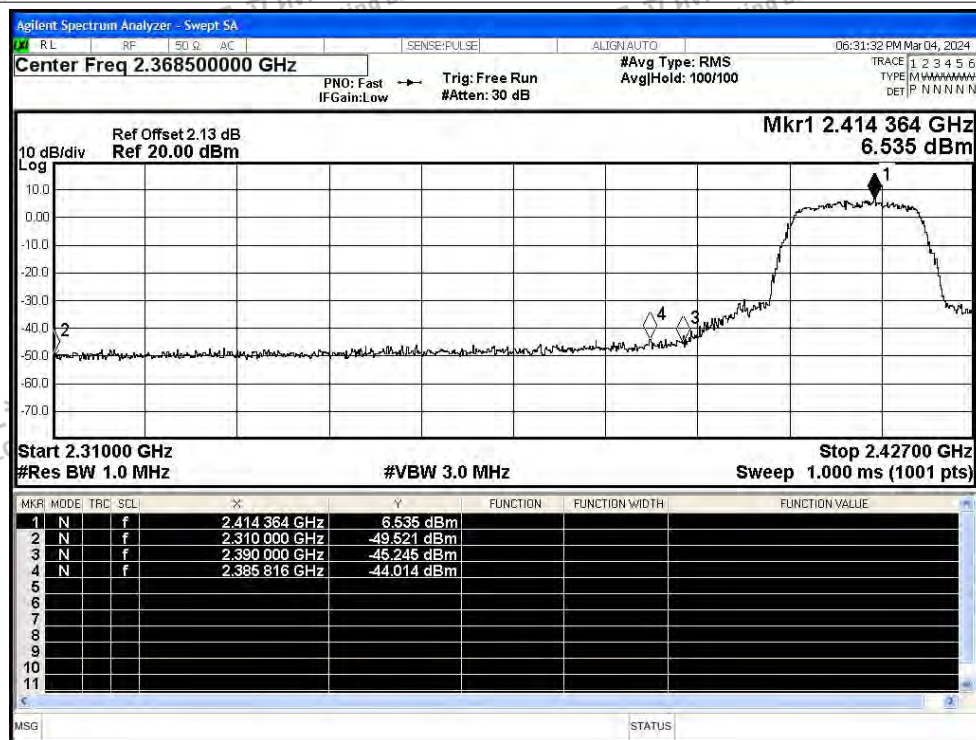


## Restrict Band NVNT b 2462MHz Ant1 Average

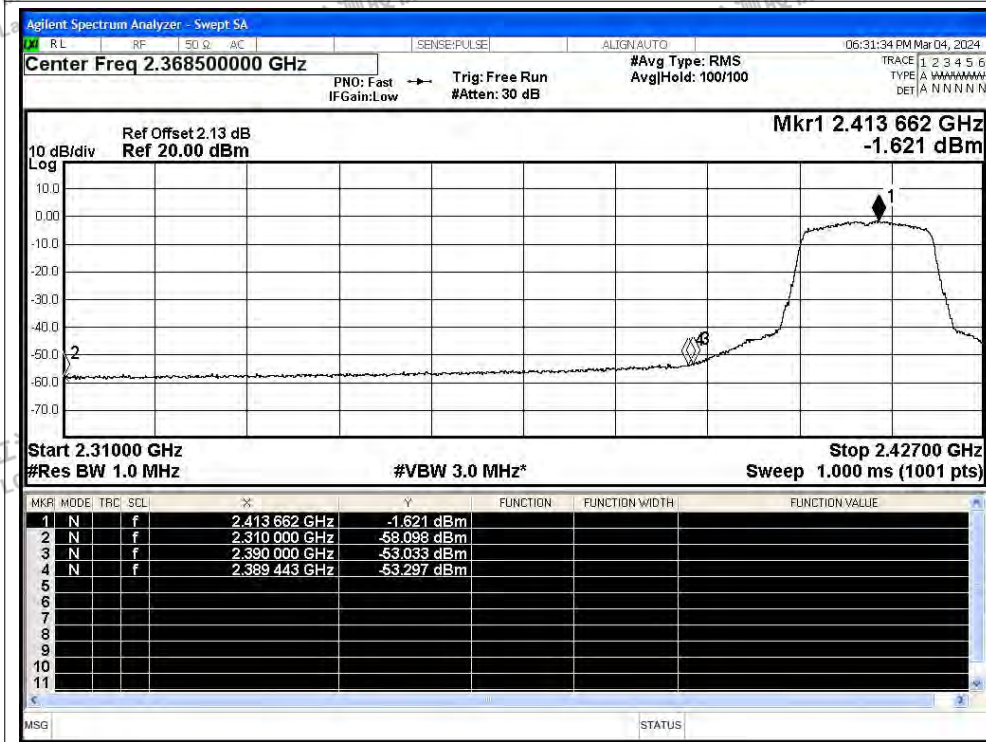




## Restrict Band NVNT g 2412MHz Ant1 Peak



## Restrict Band NVNT g 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

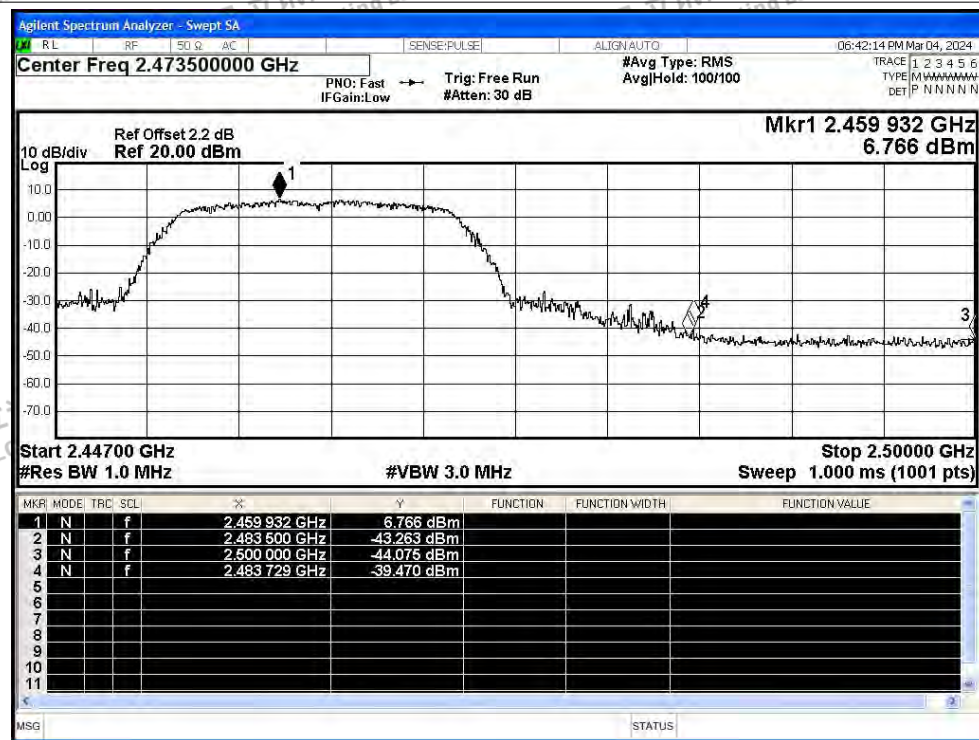
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

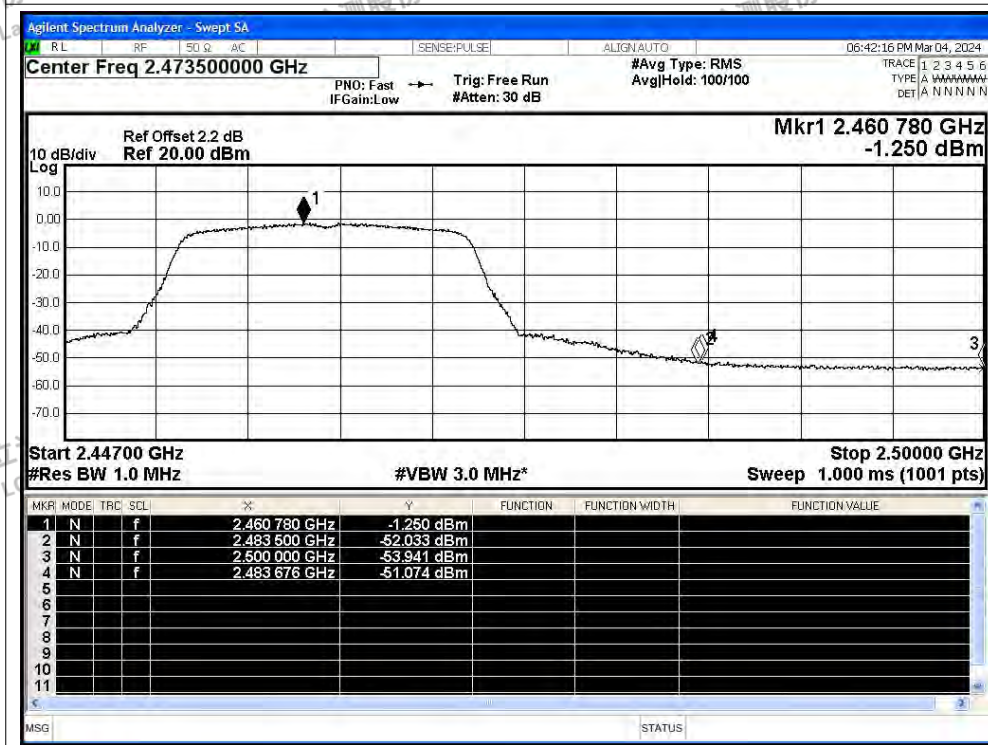
Scan code to check authenticity



## Restrict Band NVNT g 2462MHz Ant1 Peak

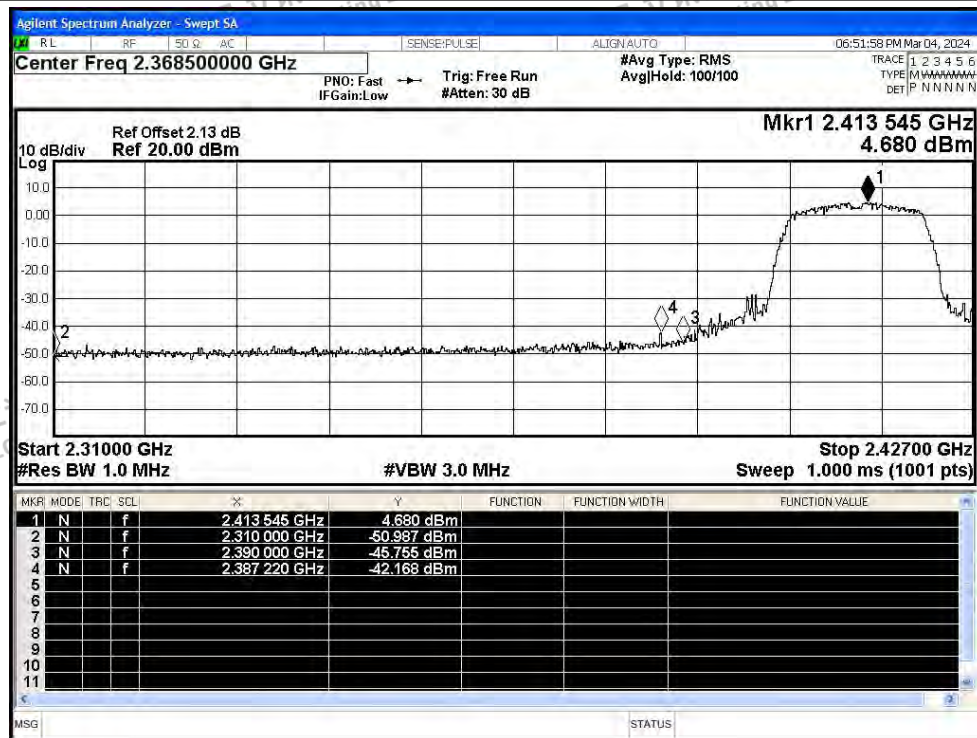


## Restrict Band NVNT g 2462MHz Ant1 Average

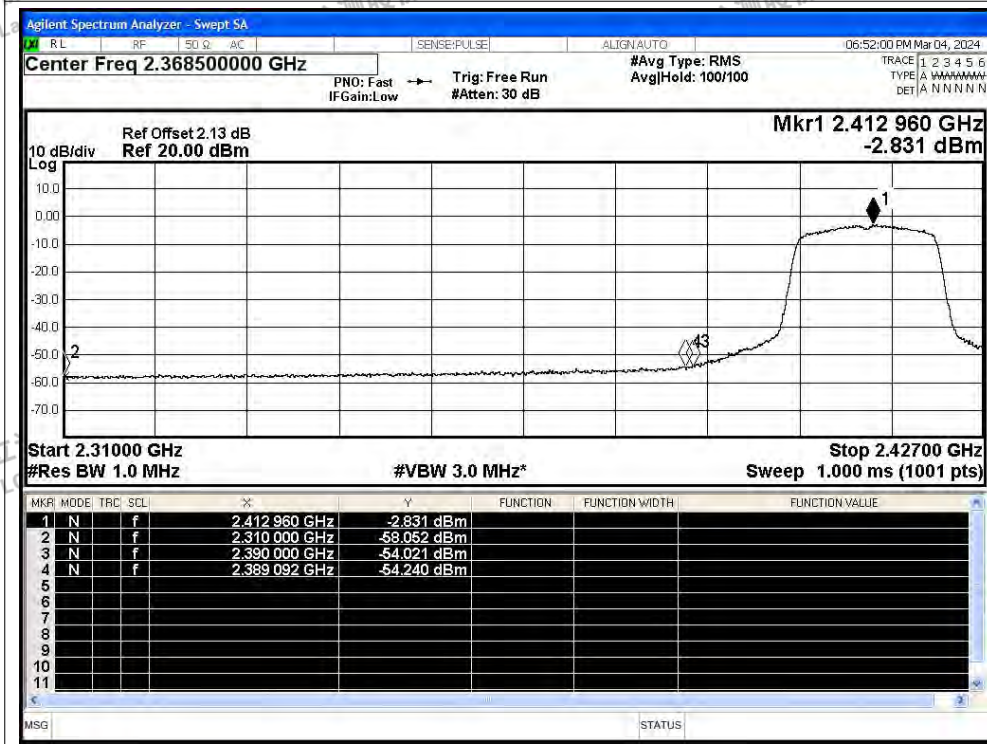




## Restrict Band NVNT n20 2412MHz Ant1 Peak



## Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

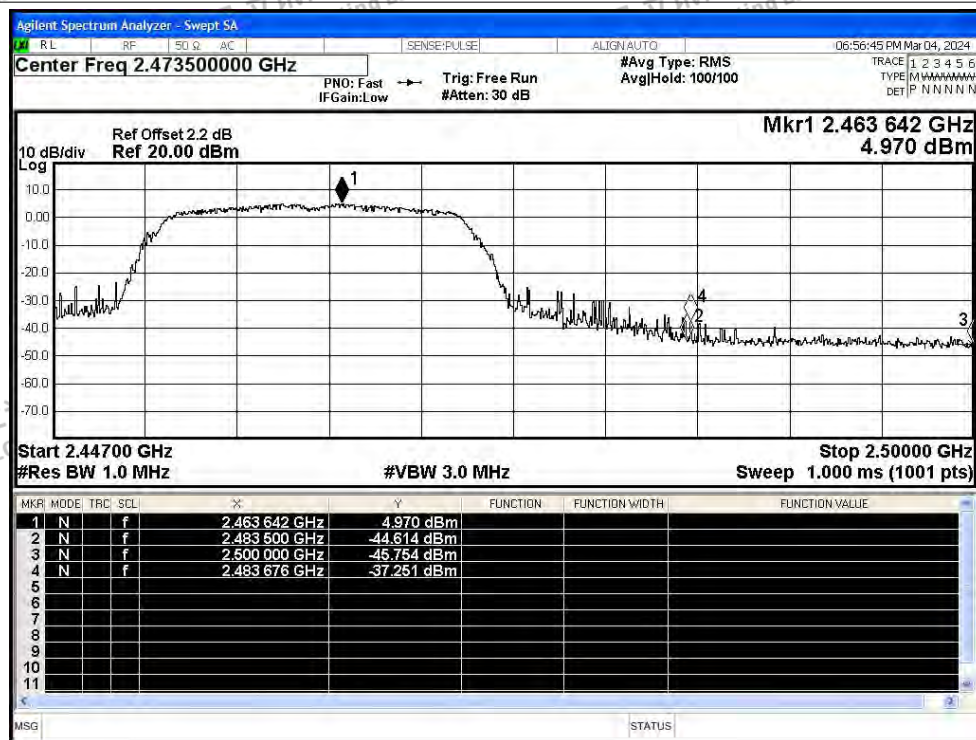
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

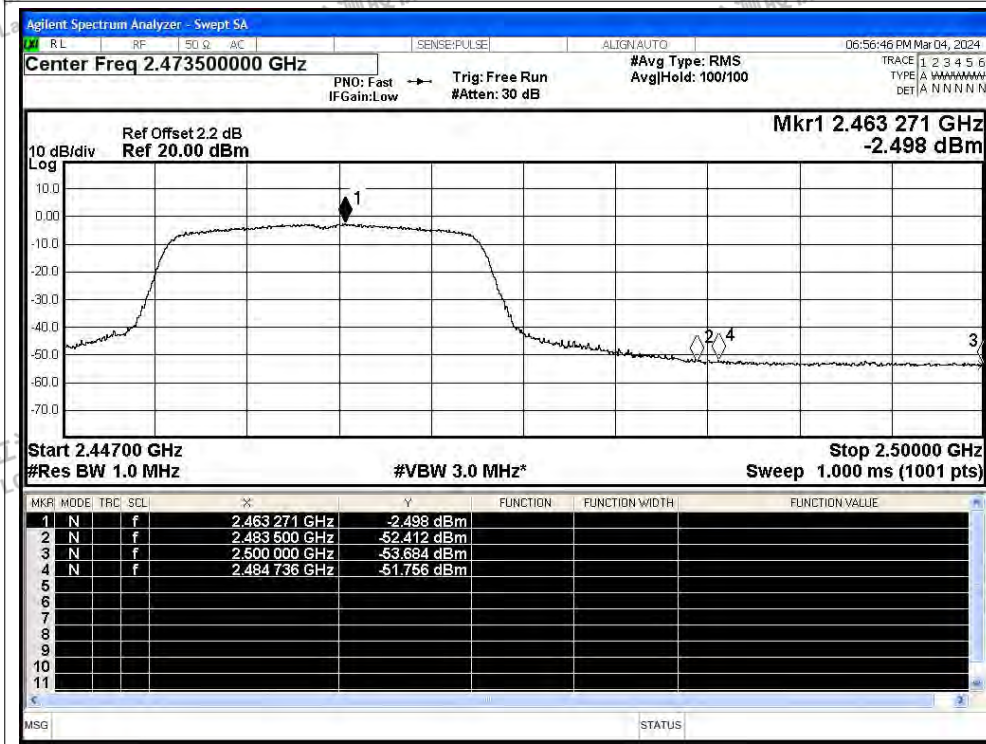
Scan code to check authenticity



## Restrict Band NVNT n20 2462MHz Ant1 Peak

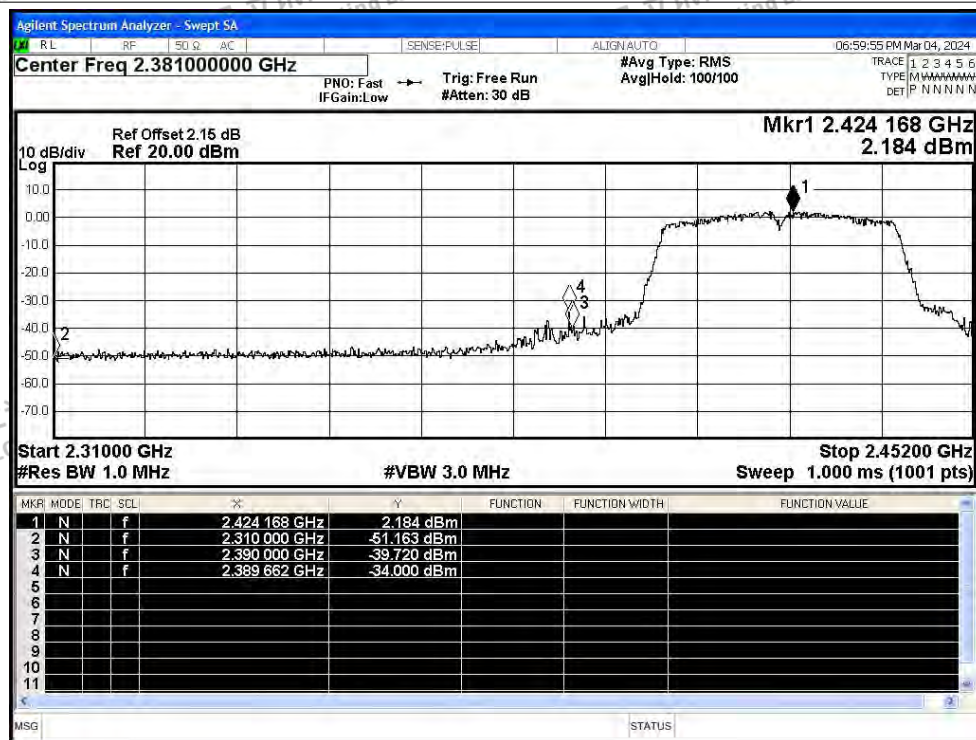


## Restrict Band NVNT n20 2462MHz Ant1 Average

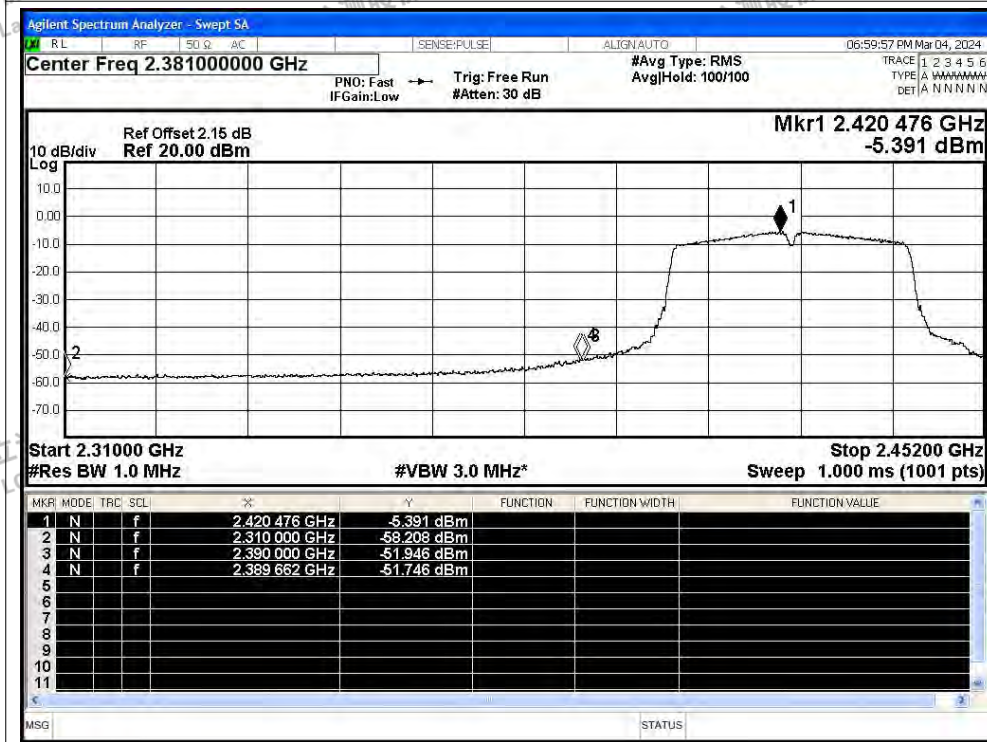




## Restrict Band NVNT n40 2422MHz Ant1 Peak



## Restrict Band NVNT n40 2422MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

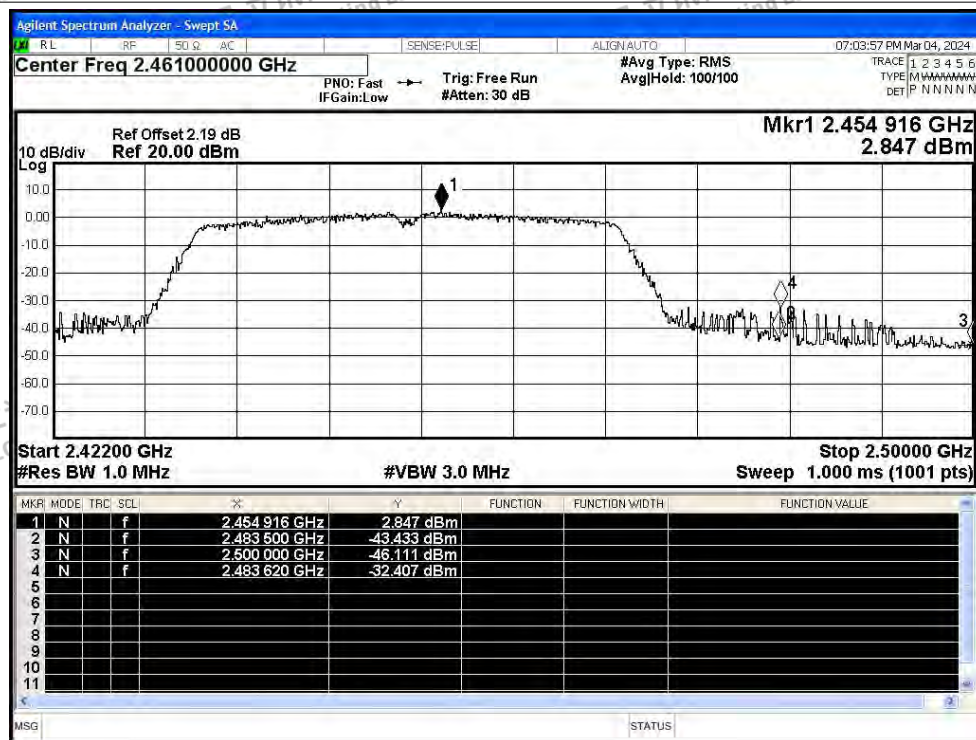
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

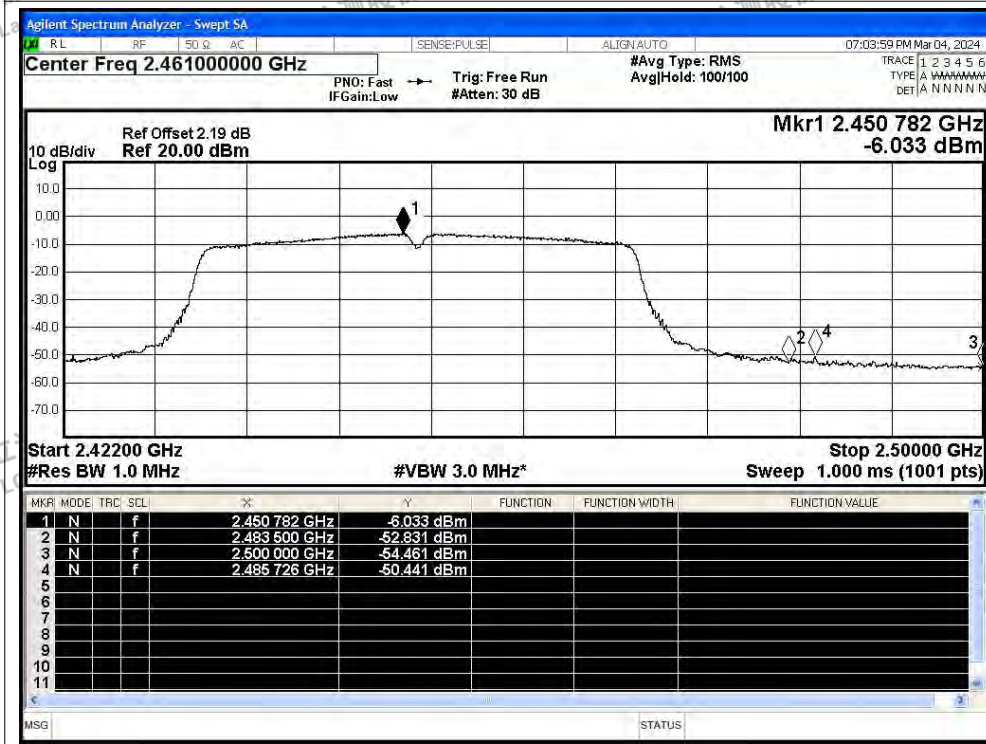
Scan code to check authenticity



## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz 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