



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Bluetooth audio

Test Model: AMY02

Environmental Conditions

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





## A.1 -20dB Bandwidth

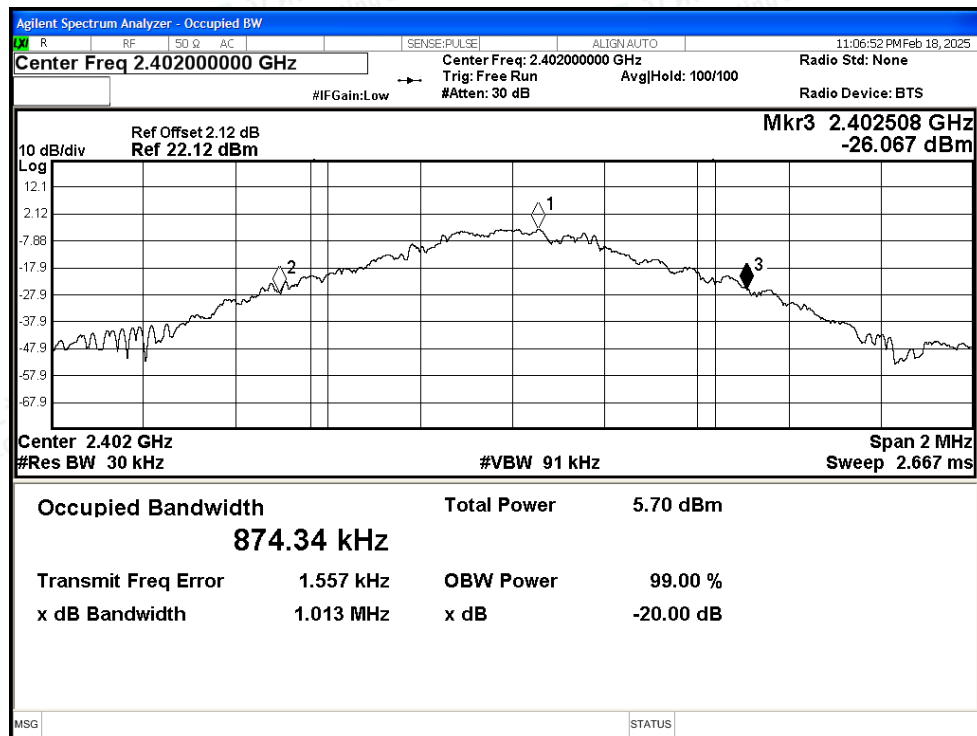
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | 1.013                  | N/A                          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | 0.937                  | N/A                          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | 1.008                  | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | 1.285                  | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | 1.31                   | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | 1.281                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | 1.307                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | 1.311                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | 1.294                  | N/A                          | Pass    |



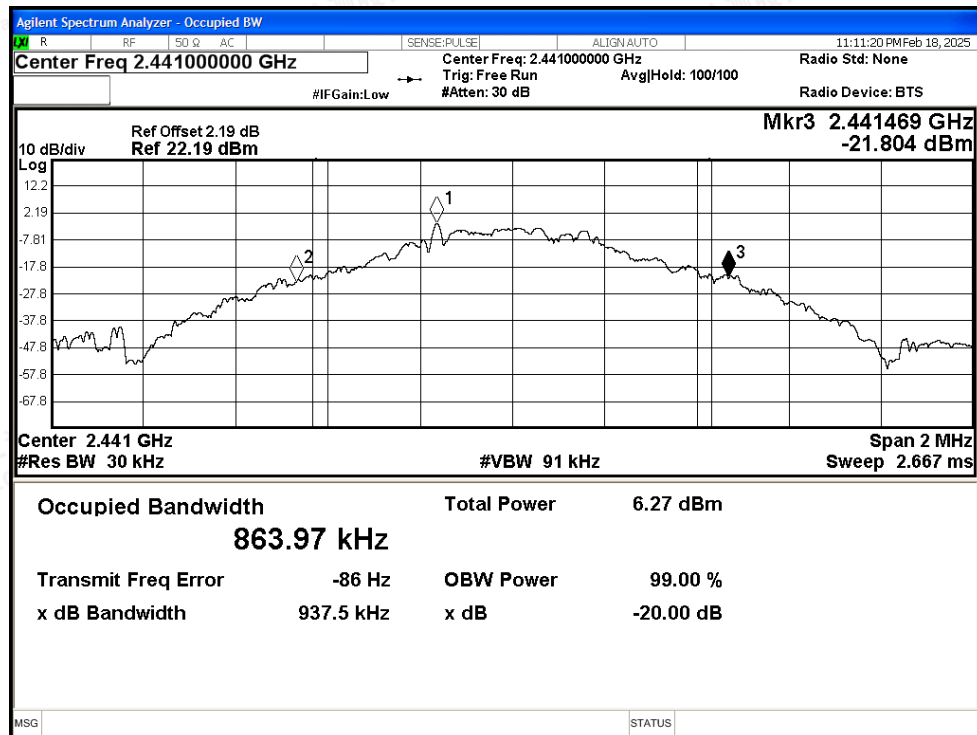


## Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

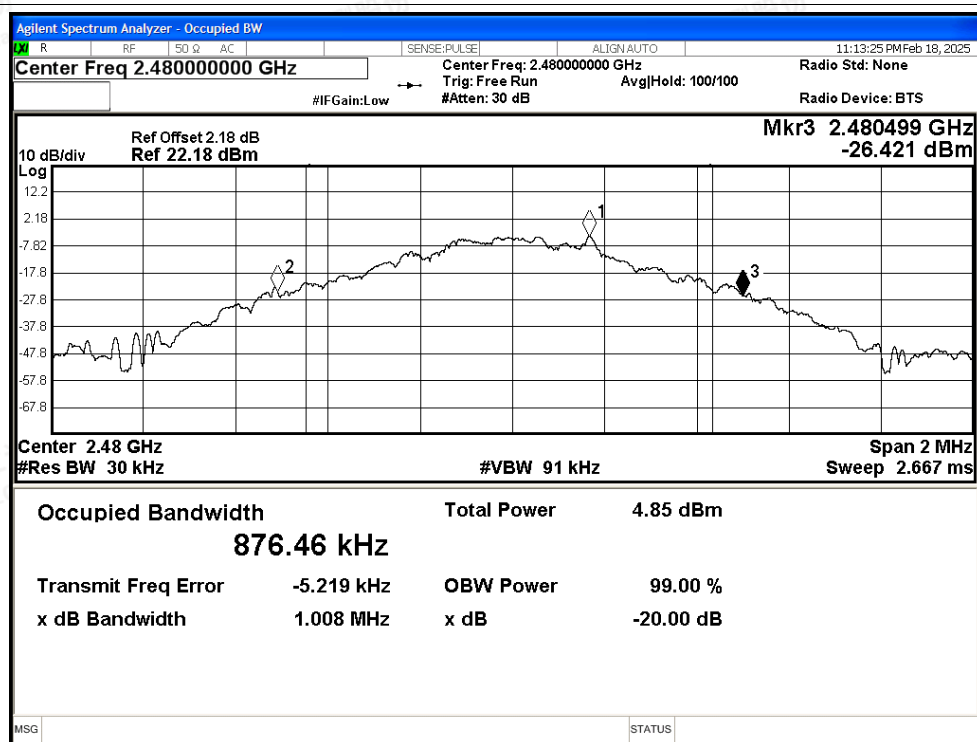
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

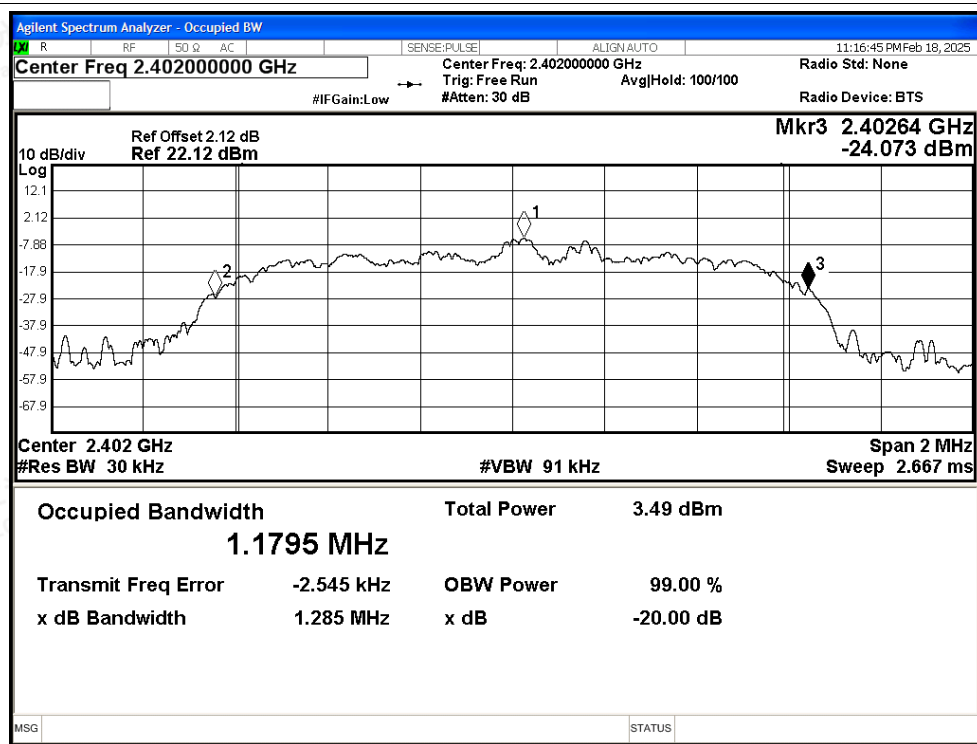
Scan code to check authenticity



## -20dB Bandwidth NVNT 1-DH5 2480MHz Ant



## -20dB Bandwidth NVNT 2-DH5 2402MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

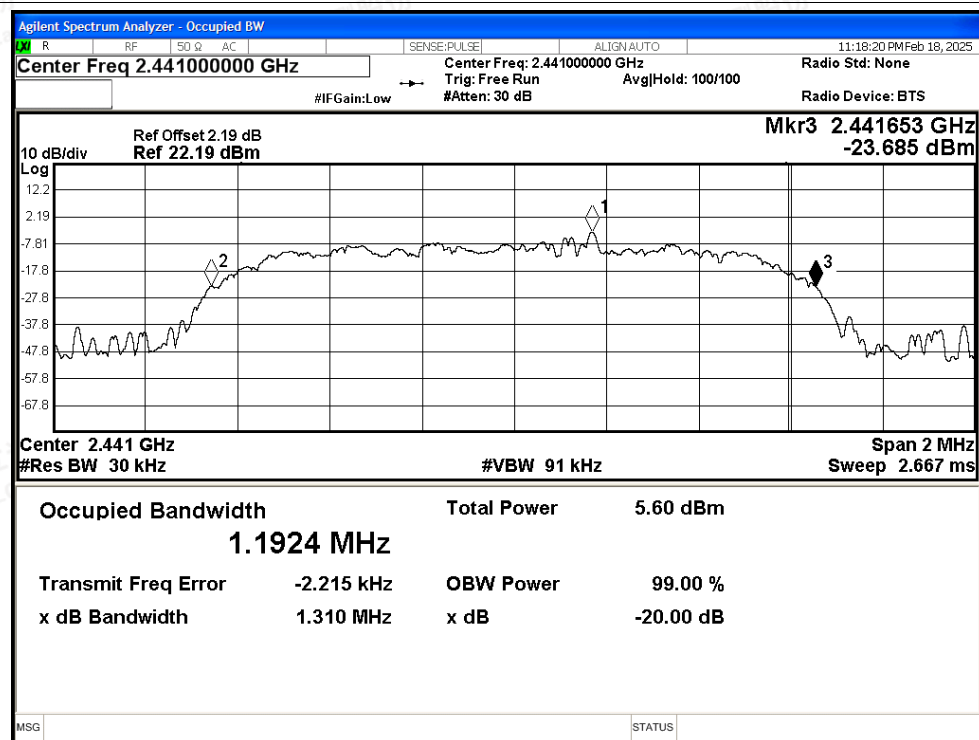
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

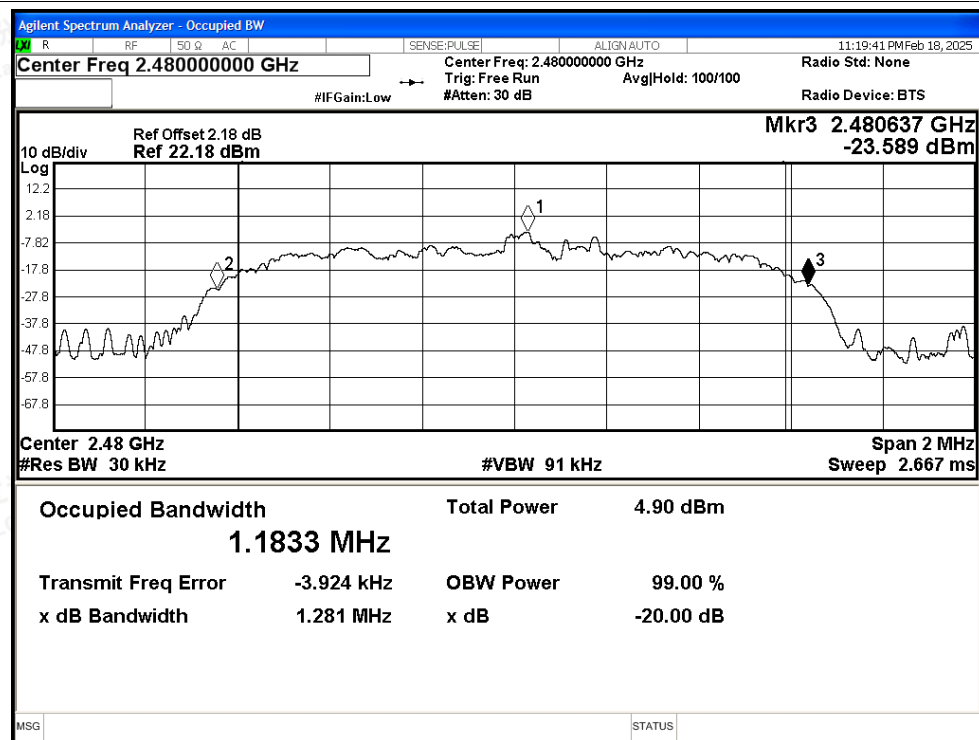
Scan code to check authenticity



## -20dB Bandwidth NVNT 2-DH5 2441MHz Ant



## -20dB Bandwidth NVNT 2-DH5 2480MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

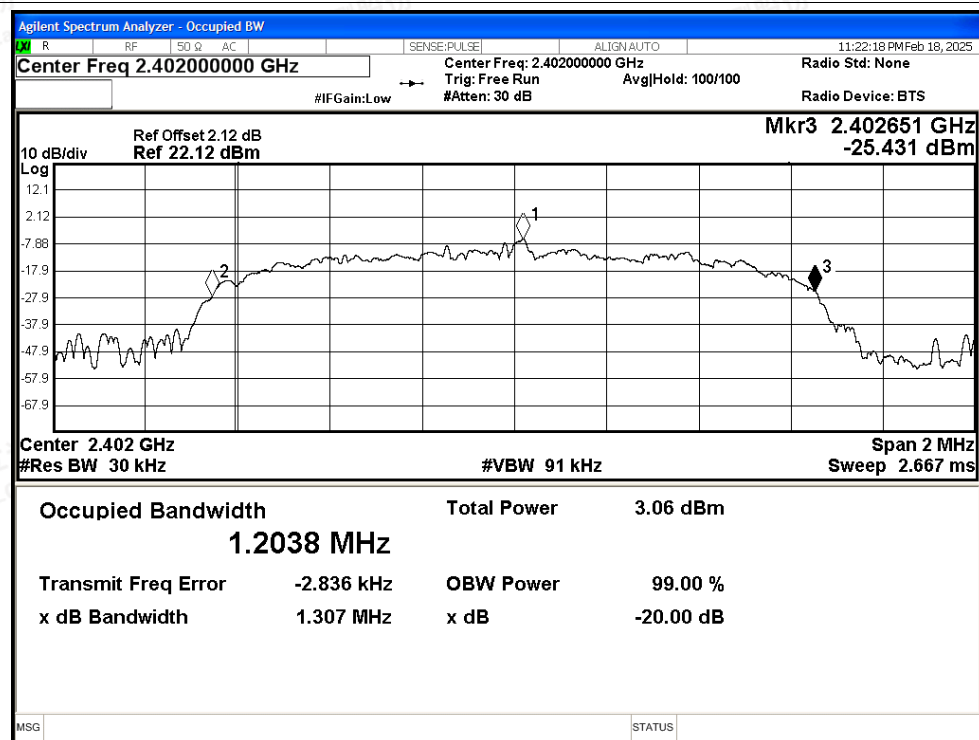
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

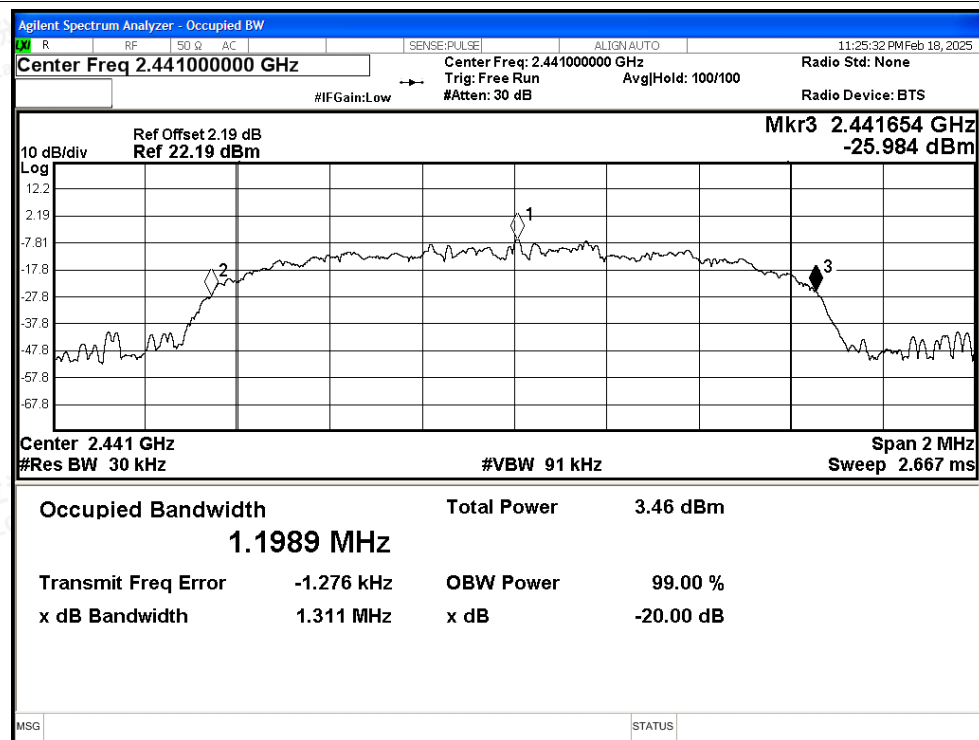
Scan code to check authenticity



## -20dB Bandwidth NVNT 3-DH5 2402MHz Ant



## -20dB Bandwidth NVNT 3-DH5 2441MHz Ant

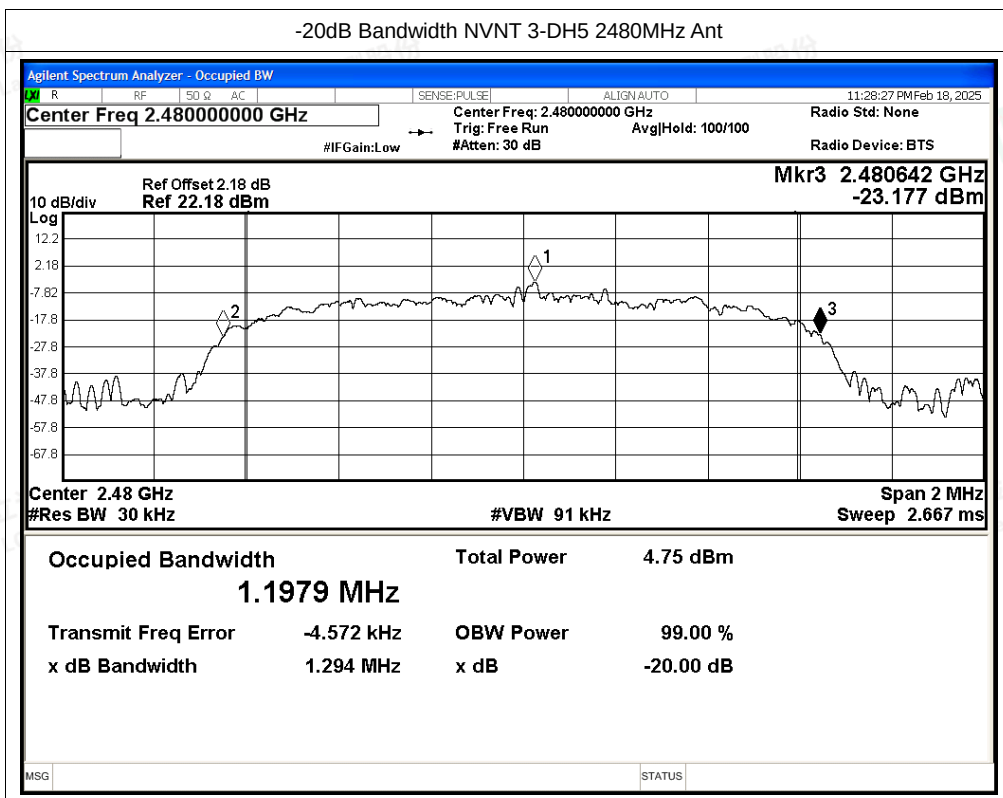


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



## A.2 Maximum Peak Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | -0.41                 | 21          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | -0.13                 | 21          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | -1.27                 | 21          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | -1.15                 | 21          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | 1.63                  | 21          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | 0.43                  | 21          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | -0.76                 | 21          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | -0.43                 | 21          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | 0.78                  | 21          | Pass    |

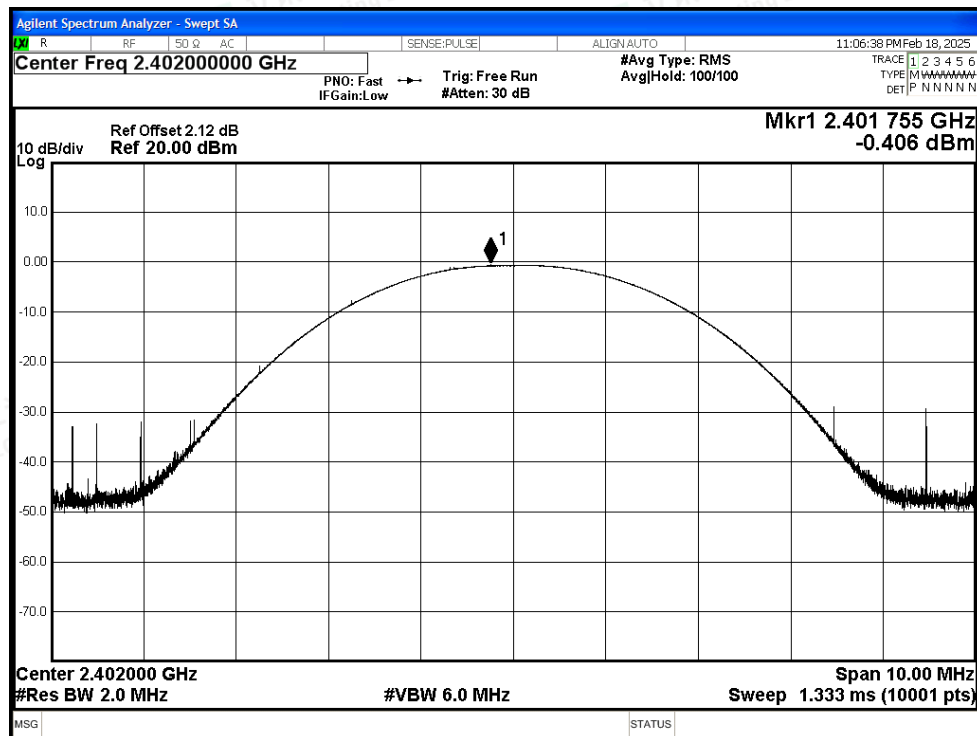




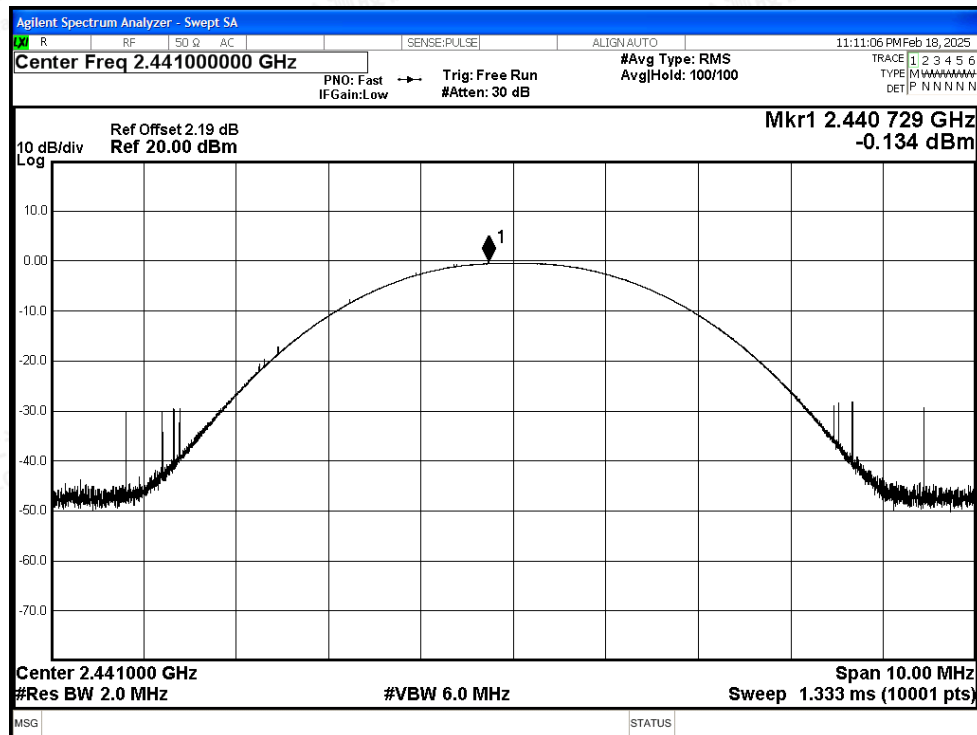


## Test Graphs

## Power NVNT 1-DH5 2402MHz Ant



## Power NVNT 1-DH5 2441MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

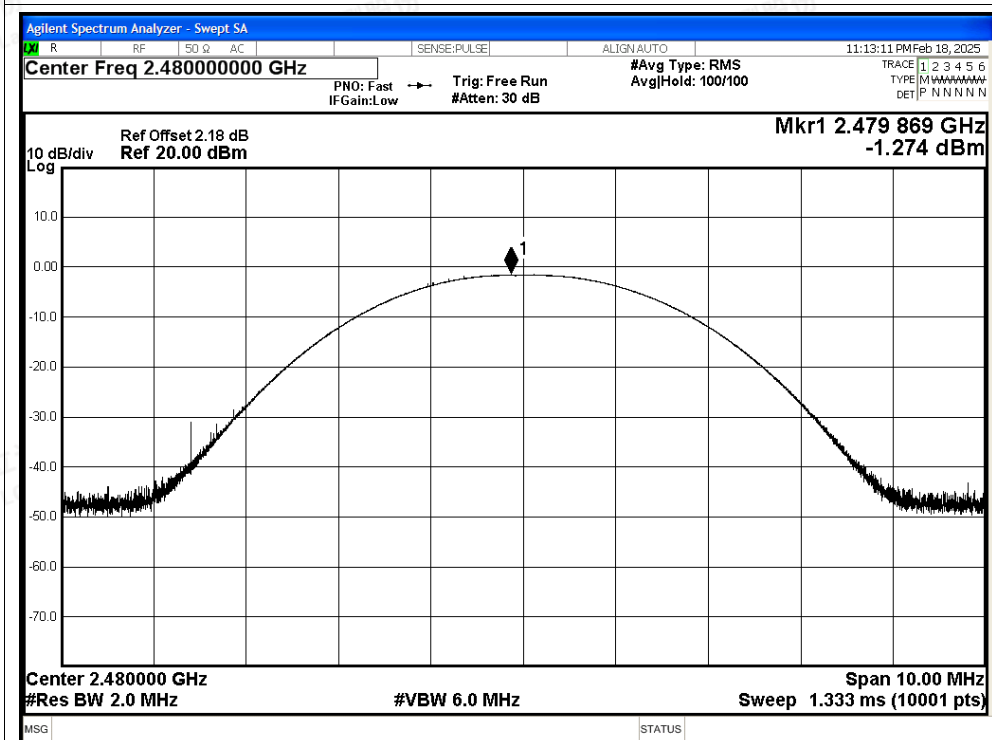
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

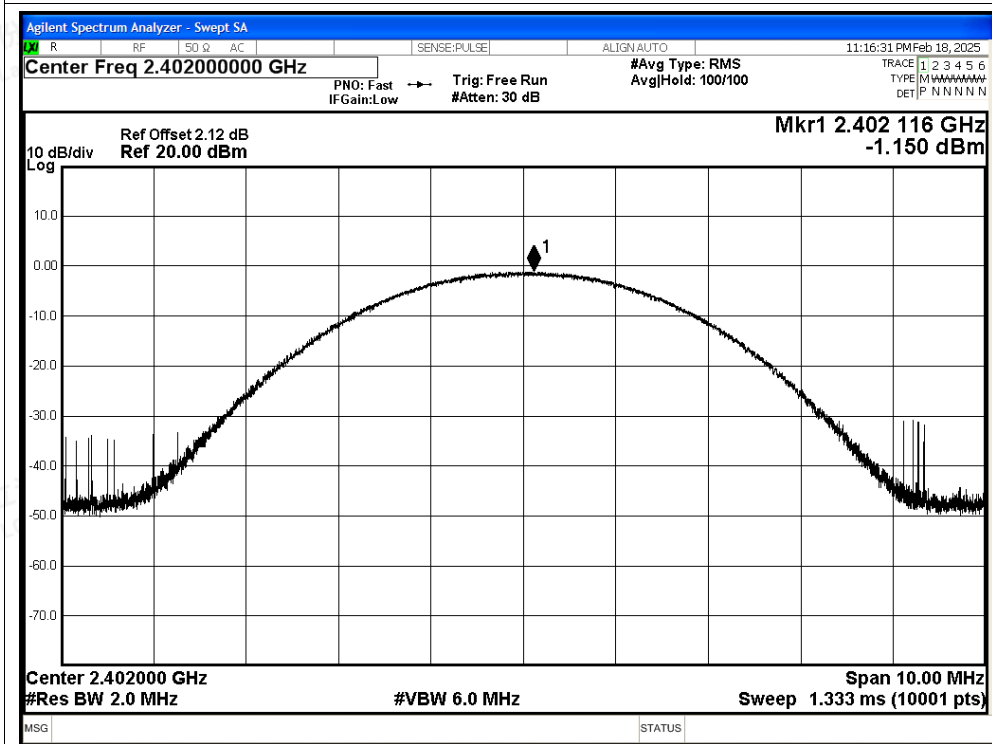
Scan code to check authenticity



## Power NVNT 1-DH5 2480MHz Ant



## Power NVNT 2-DH5 2402MHz Ant

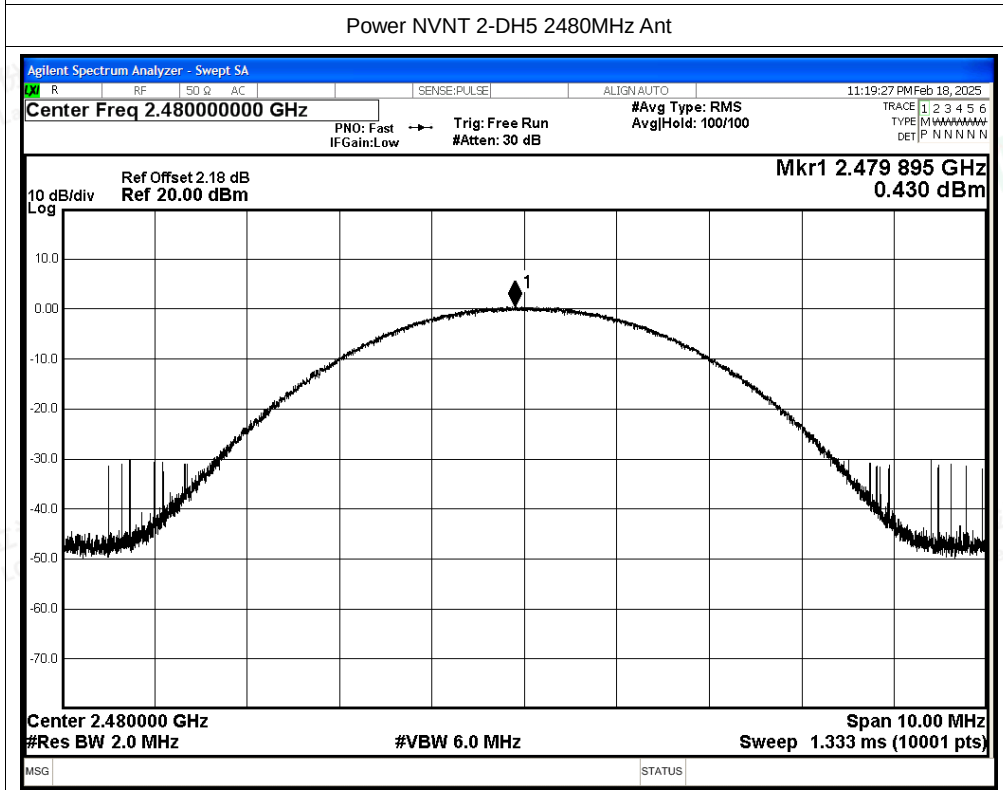
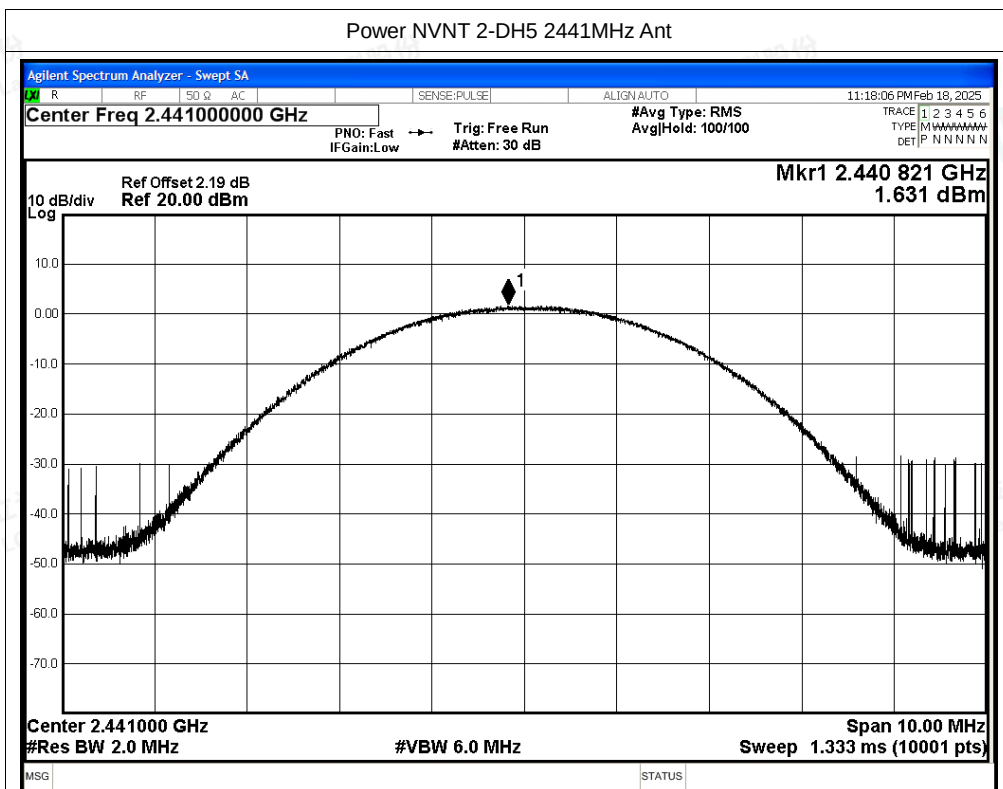


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



Shenzhen LCS Compliance Testing Laboratory Ltd.

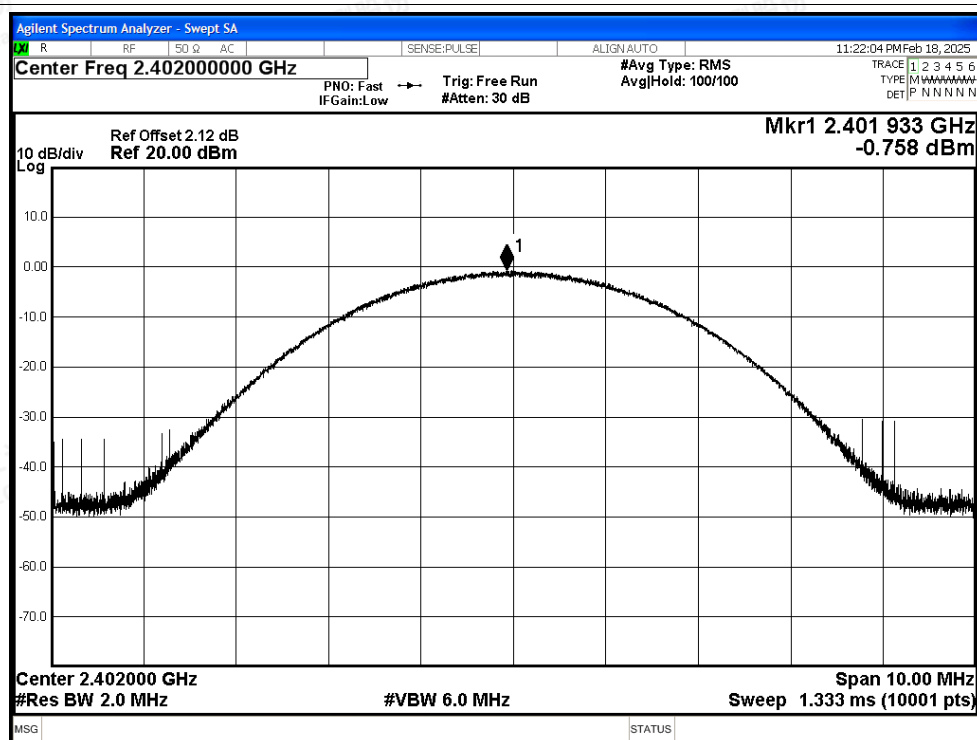
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

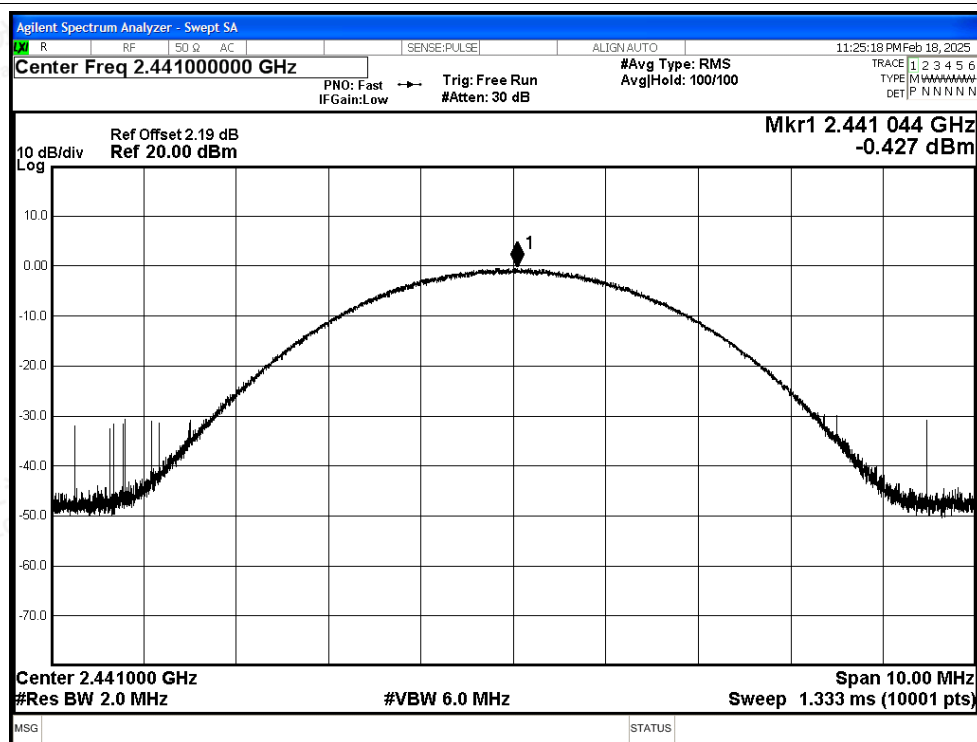
Scan code to check authenticity



Power NVNT 3-DH5 2402MHz Ant



Power NVNT 3-DH5 2441MHz Ant

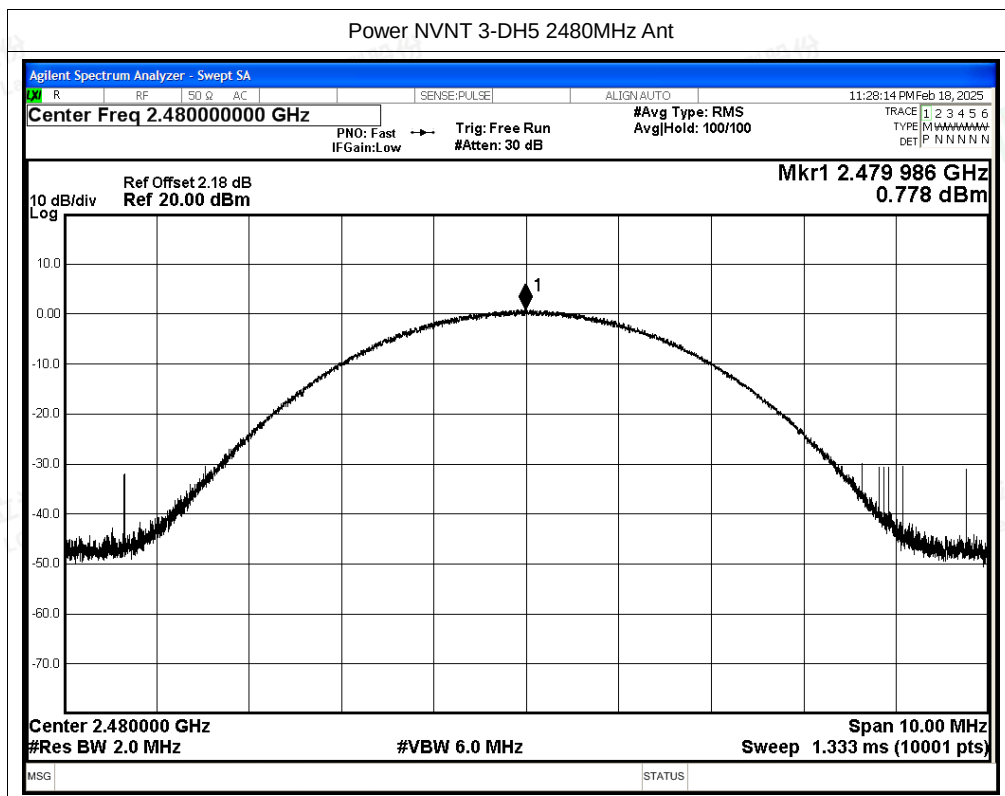


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



### A.3 Carrier Frequencies Separation

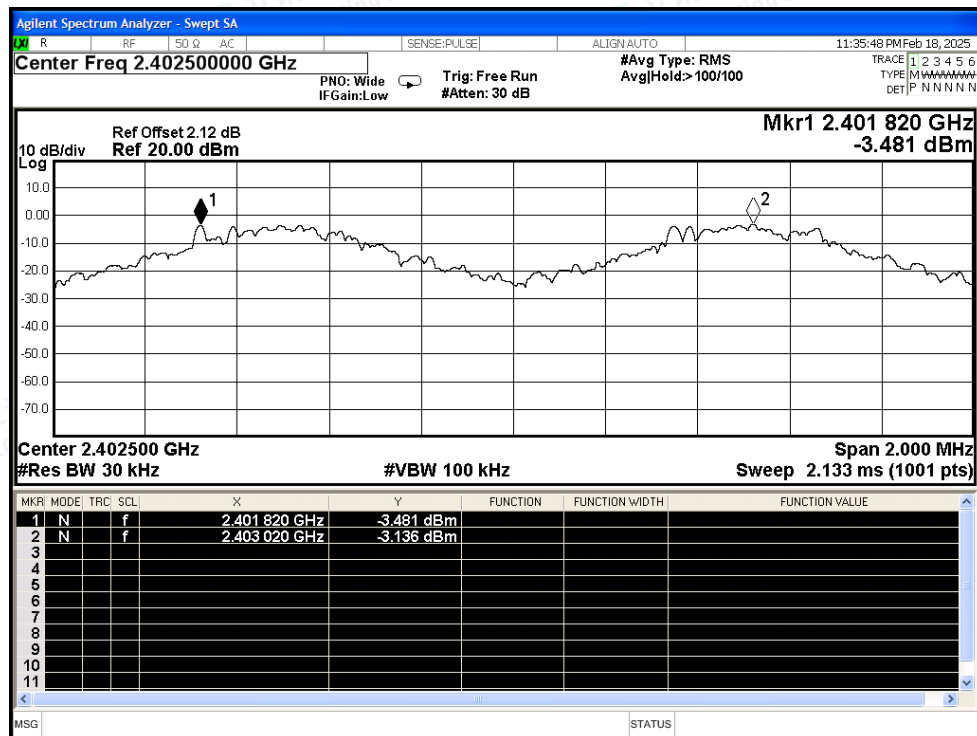
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant     | 2401.82             | 2403.02             | 1.2       | 0.675       | Pass    |
| NVNT      | 2-DH5 | Ant     | 2401.998            | 2403.014            | 1.016     | 0.873       | Pass    |
| NVNT      | 3-DH5 | Ant     | 2401.83             | 2403.014            | 1.184     | 0.874       | Pass    |



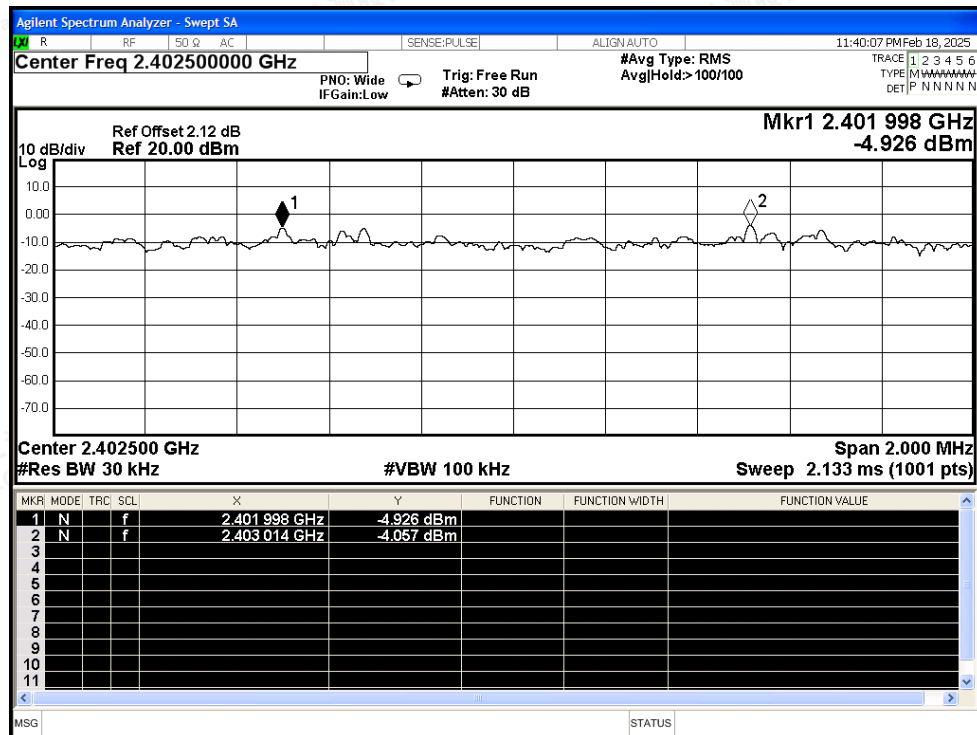


## Test Graphs

CFS NVNT 1-DH5 2402MHz Ant



CFS NVNT 2-DH5 2402MHz Ant

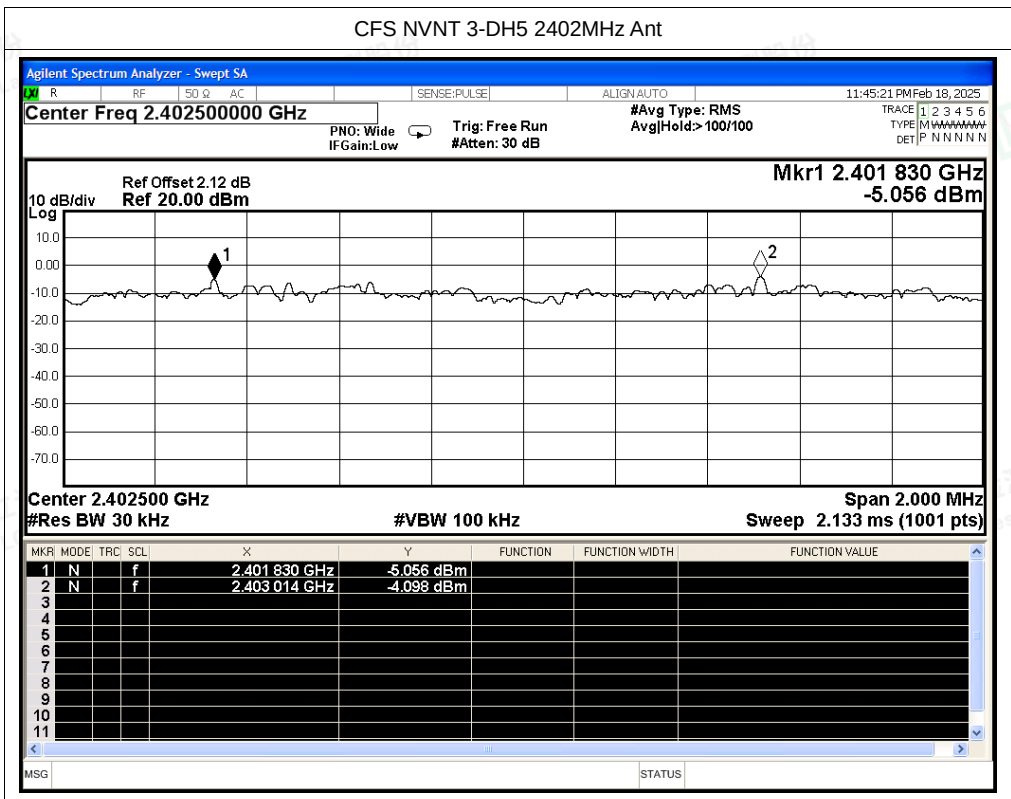


Shenzhen LCS Compliance Testing Laboratory Ltd.

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







A.4 Dwell Time

| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|-------------|------------------|------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | 2.91            | 293.91                | 101         | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | 2.898           | 310.086               | 107         | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | 2.897           | 330.258               | 114         | 31600            | 400        | Pass    |

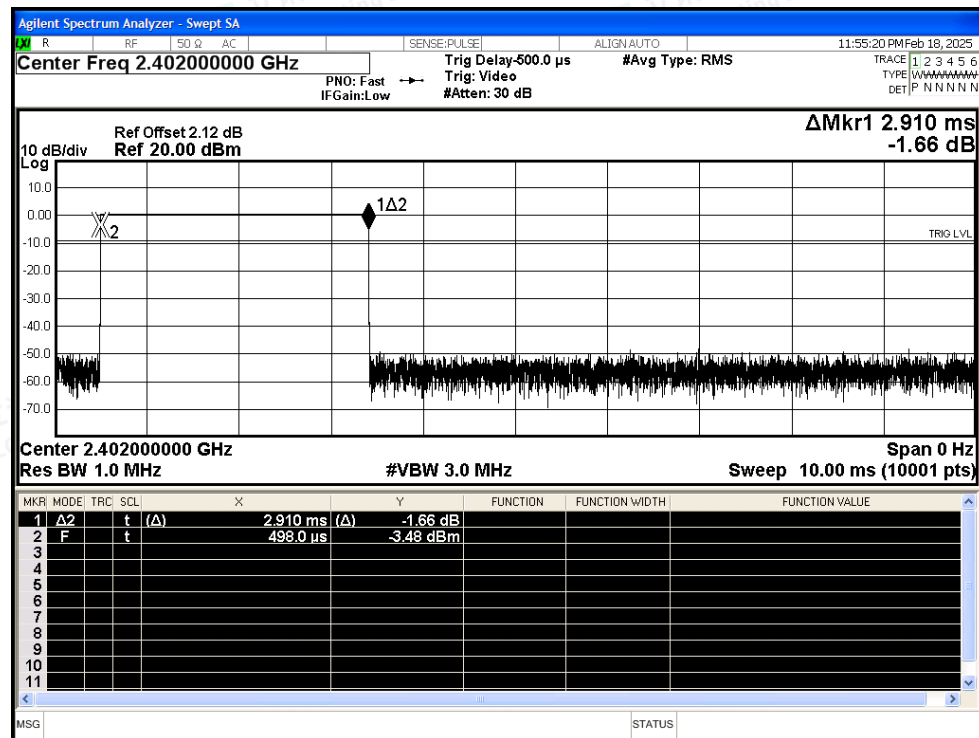


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

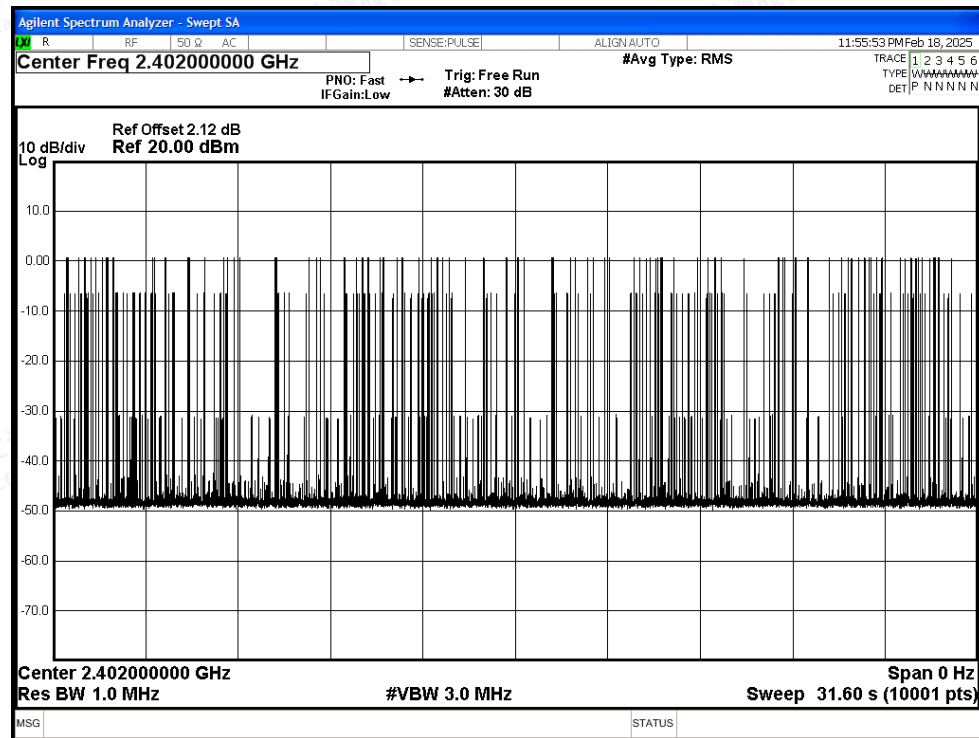


## Test Graphs

## Dwell NVNT 1-DH5 2402MHz Ant One Burst



## Dwell NVNT 1-DH5 2402MHz Ant Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

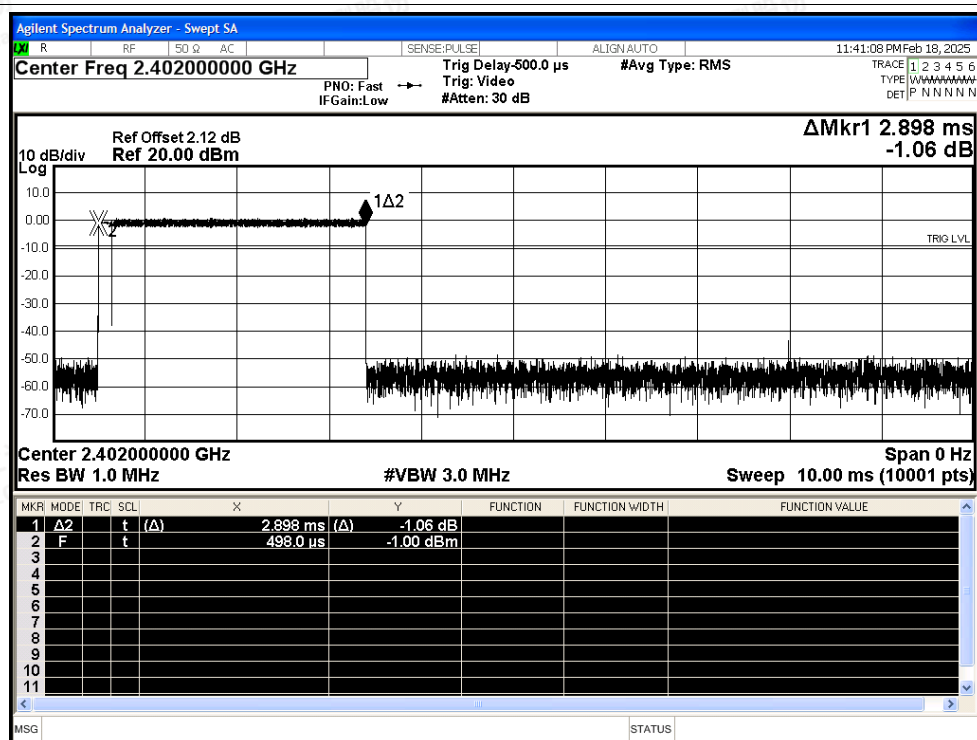
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

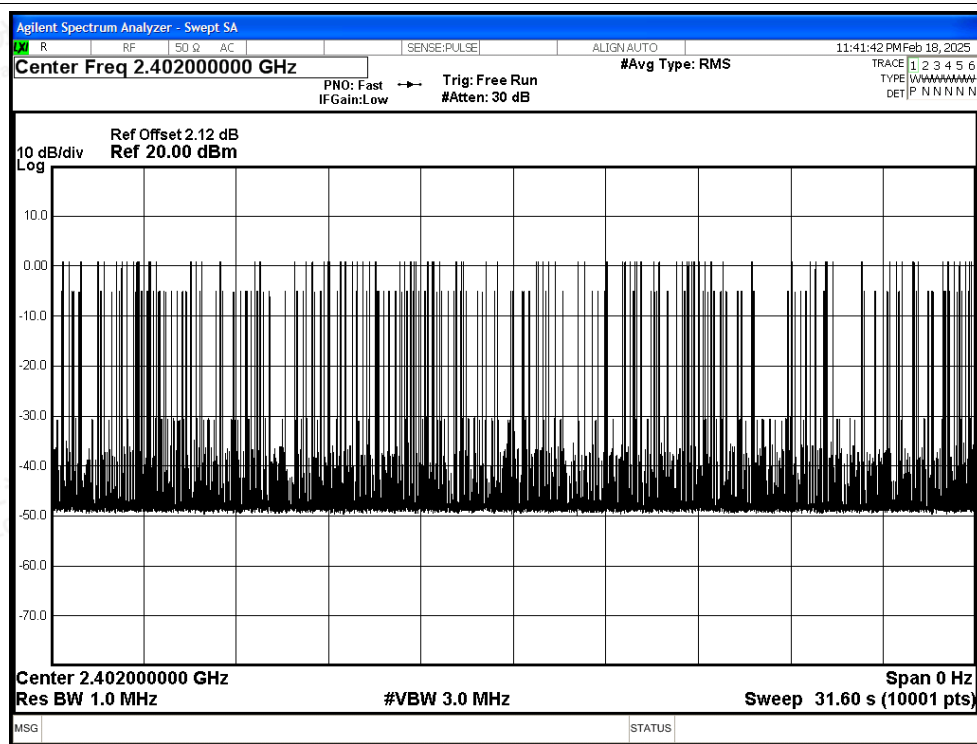
Scan code to check authenticity



## Dwell NVNT 2-DH5 2402MHz Ant One Burst



## Dwell NVNT 2-DH5 2402MHz Ant Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

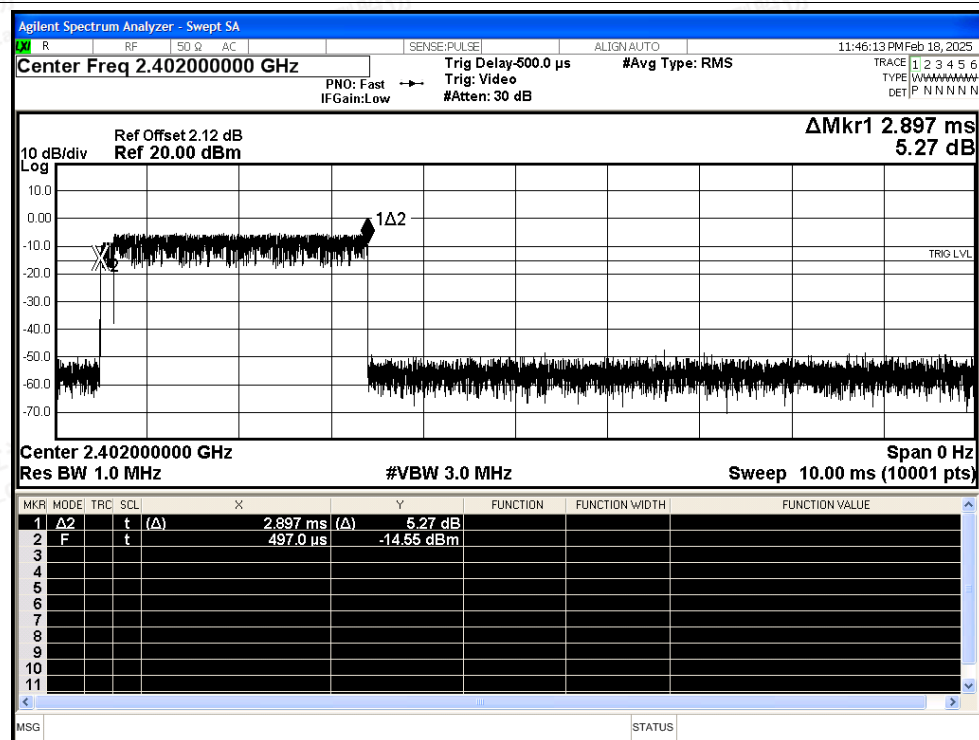
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

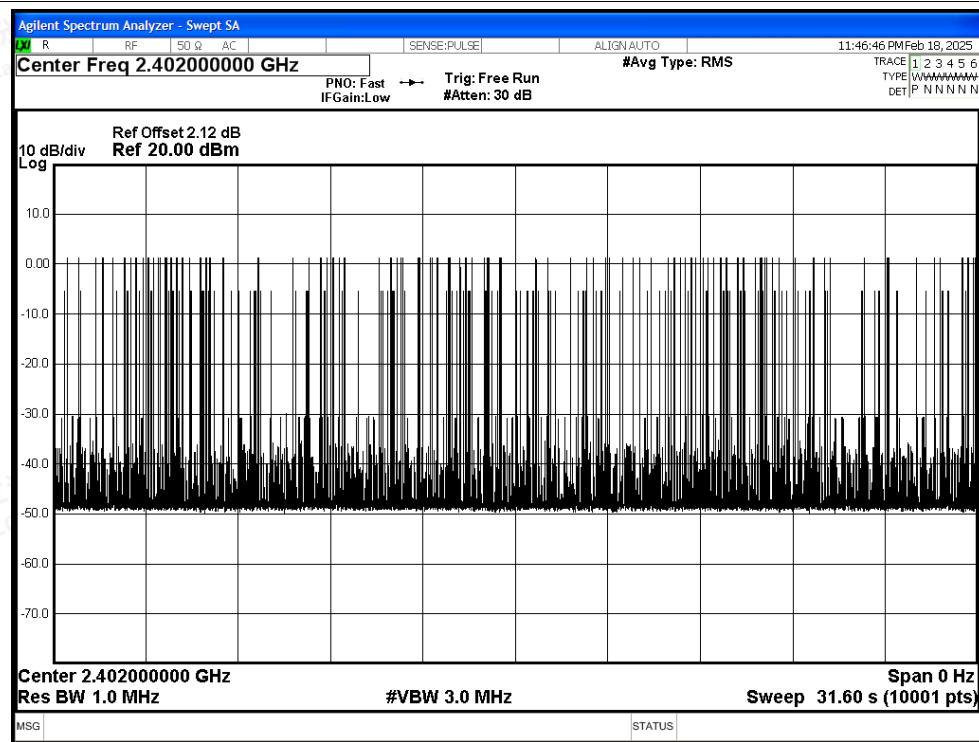
Scan code to check authenticity



## Dwell NVNT 3-DH5 2402MHz Ant One Burst



## Dwell NVNT 3-DH5 2402MHz Ant Accumulated



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



### A.5 Number of Hopping Channel

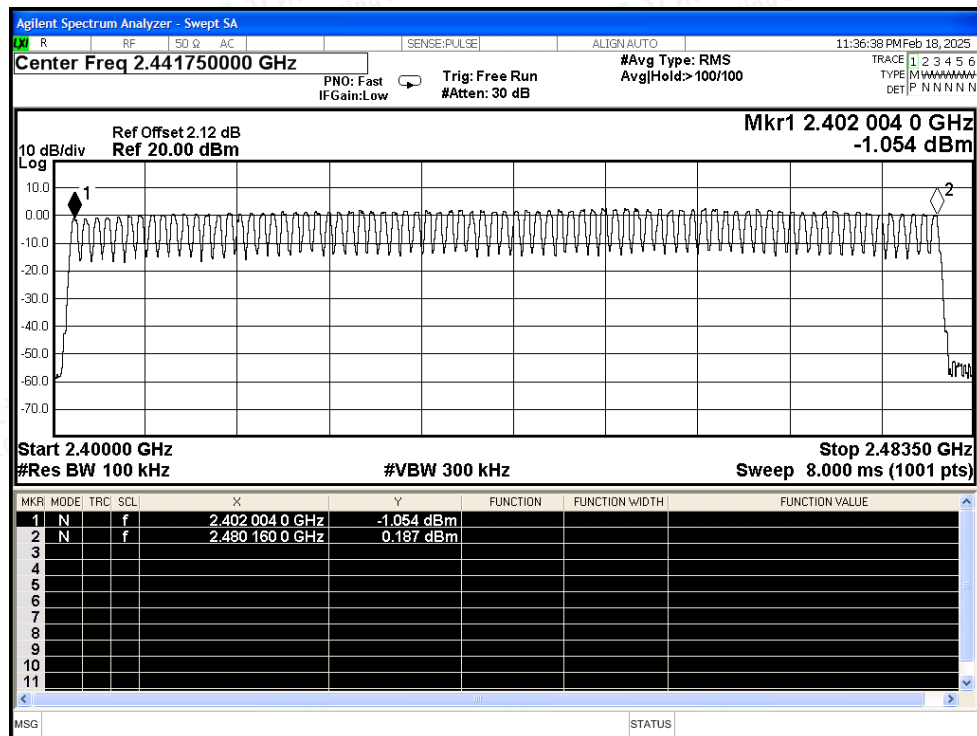
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant     | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant     | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant     | 79             | 15    | Pass    |



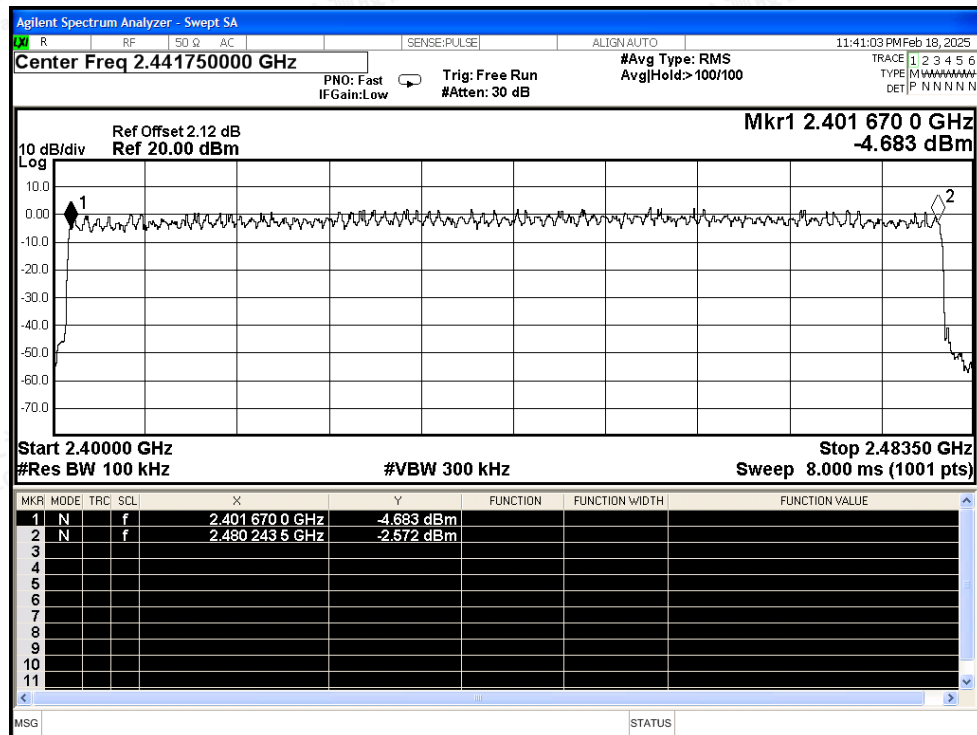


## Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant



Hopping No. NVNT 2-DH5 2402MHz Ant

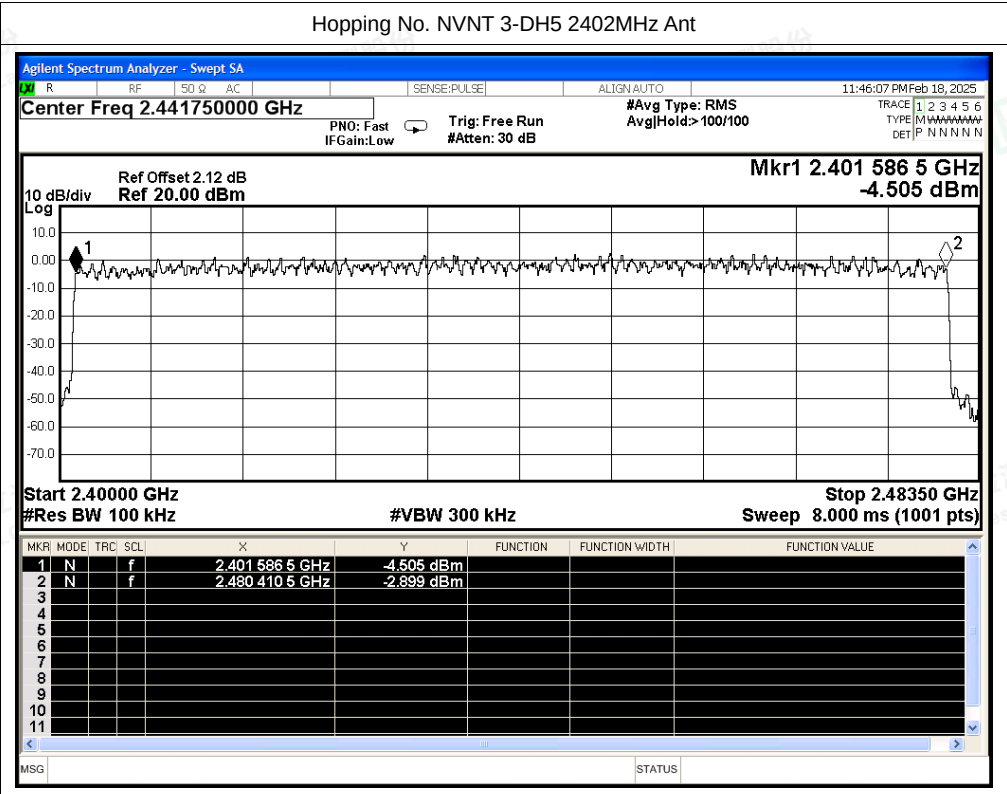


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





A.6 Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | -53.72          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | -51.23          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | -50             | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | -50.22          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | -50.38          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | -52.45          | -20         | Pass    |

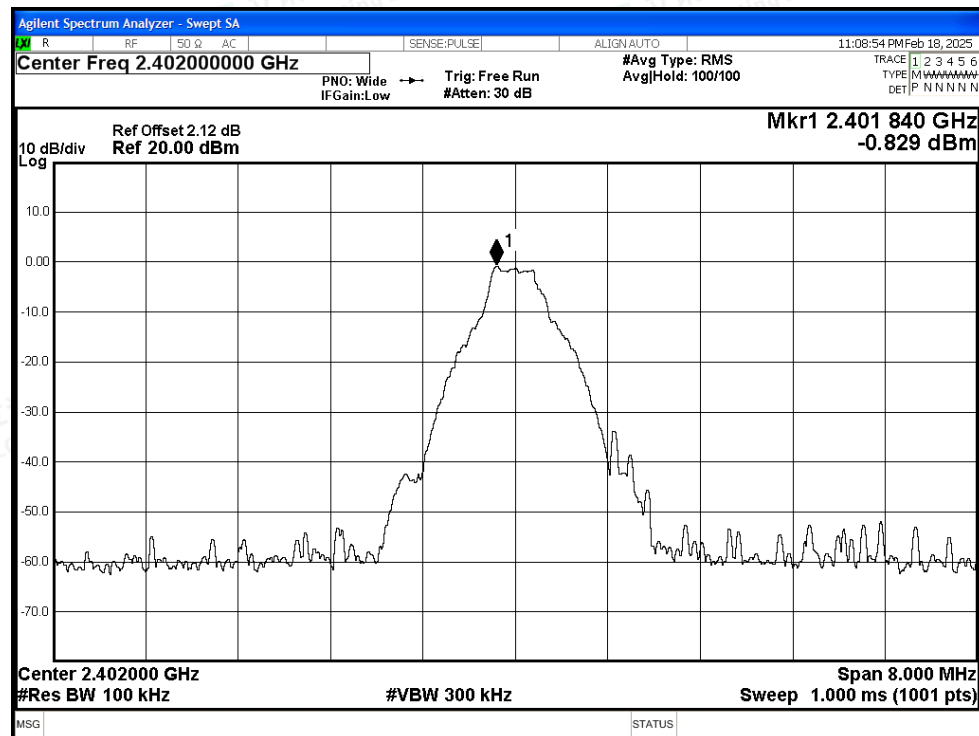




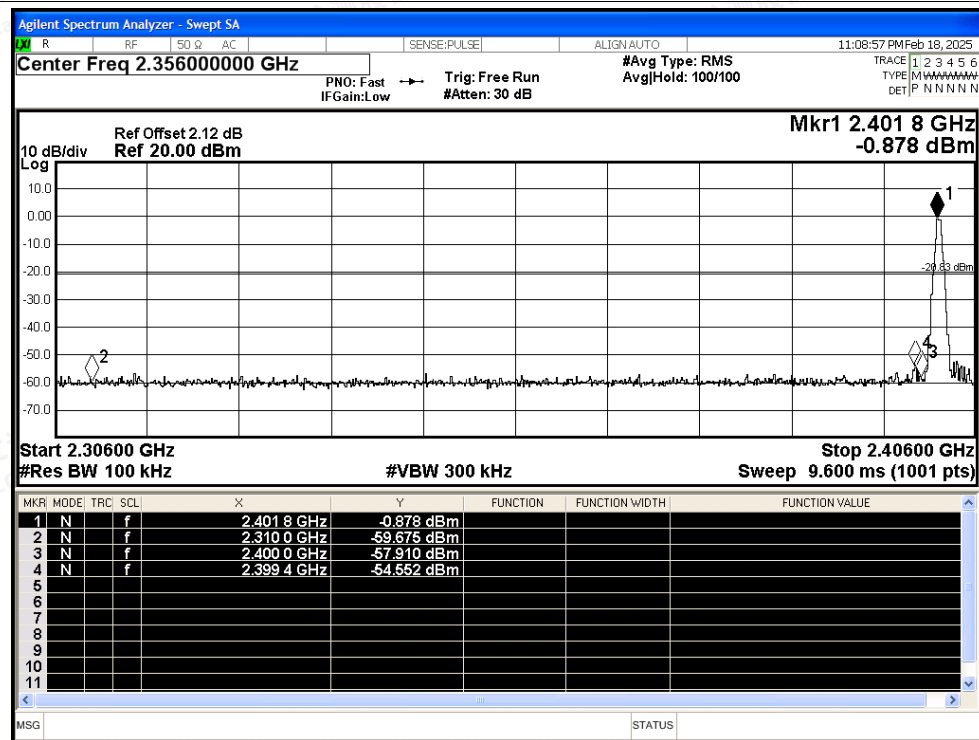


## Test Graphs

## Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Ref



## Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

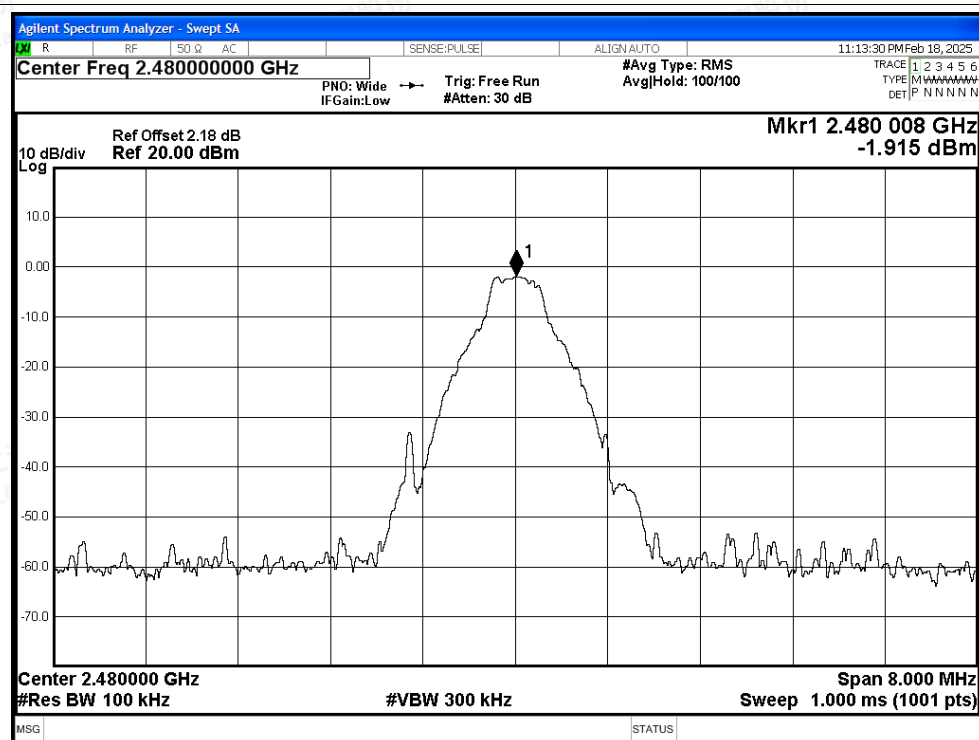
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

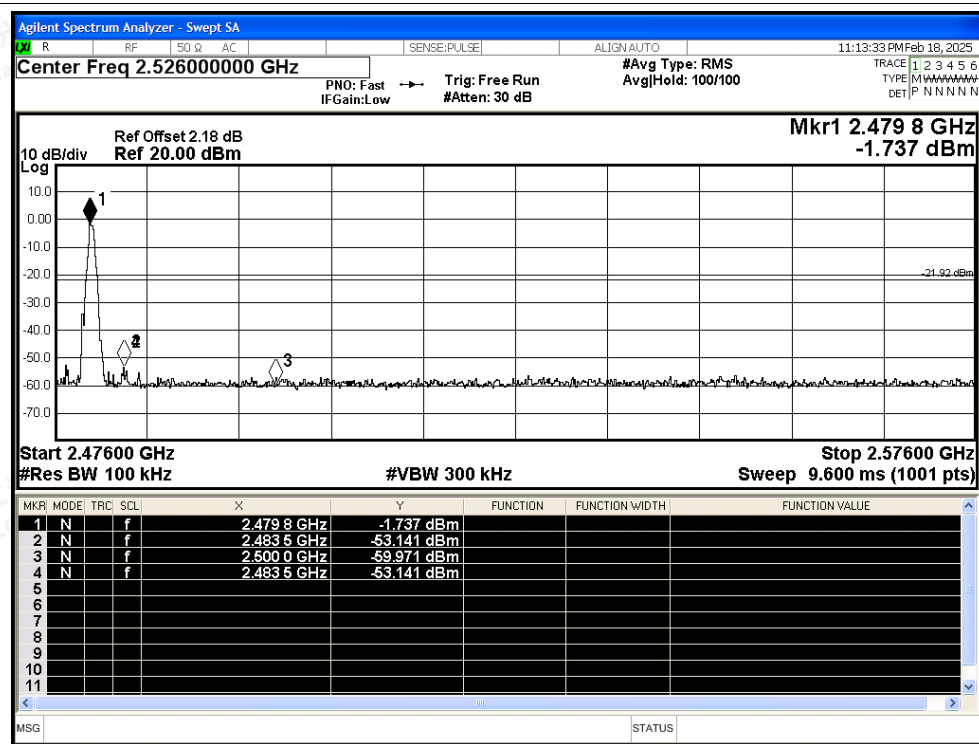
Scan code to check authenticity



## Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Ref



## Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Emission

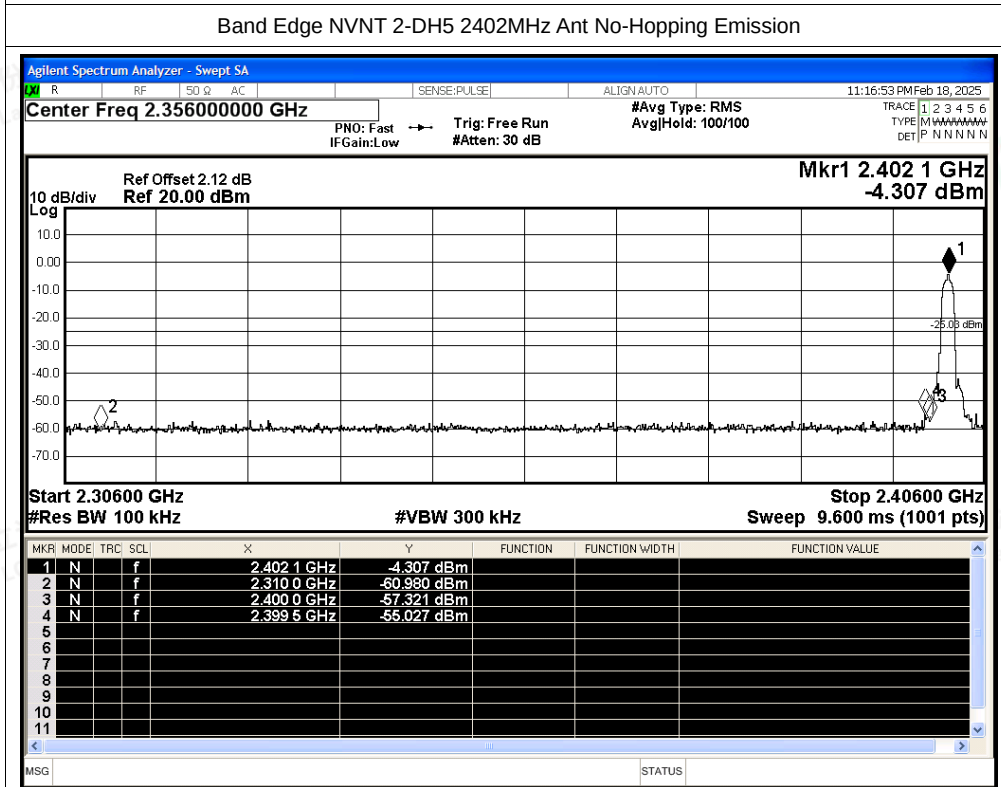
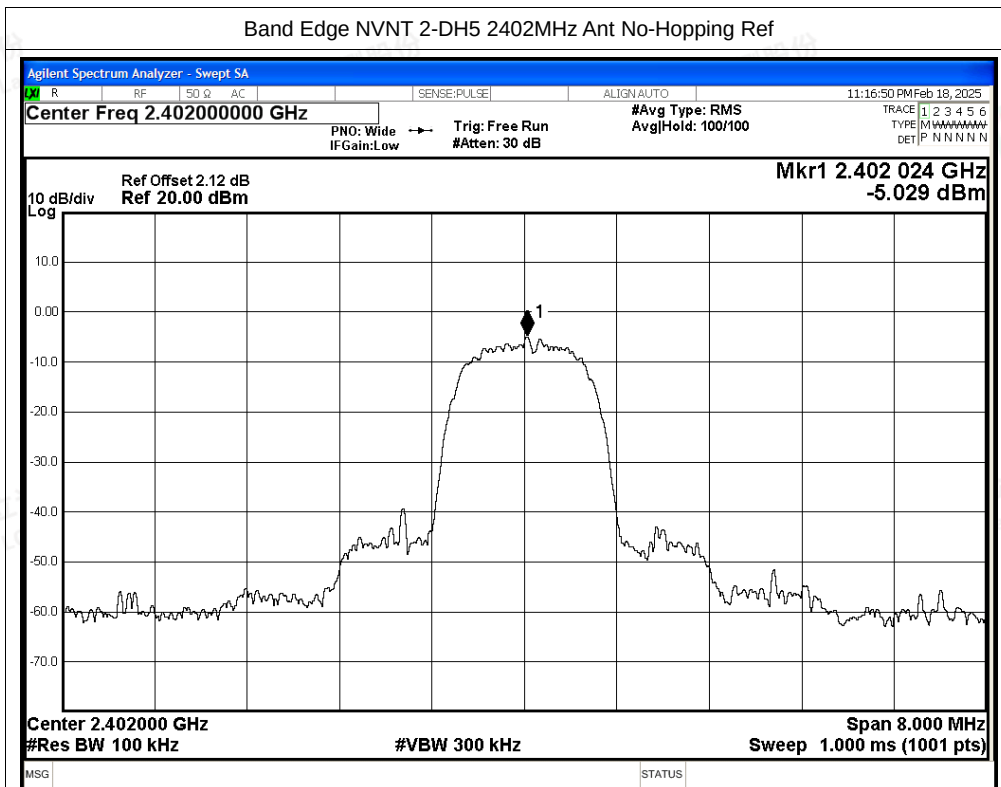


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

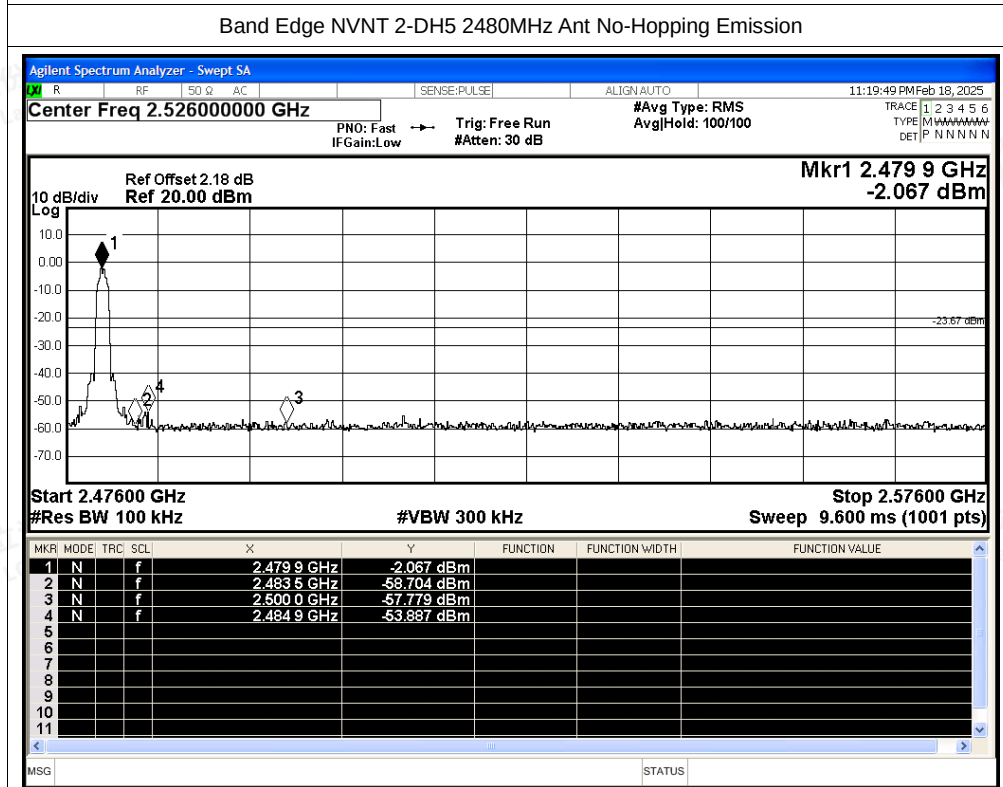
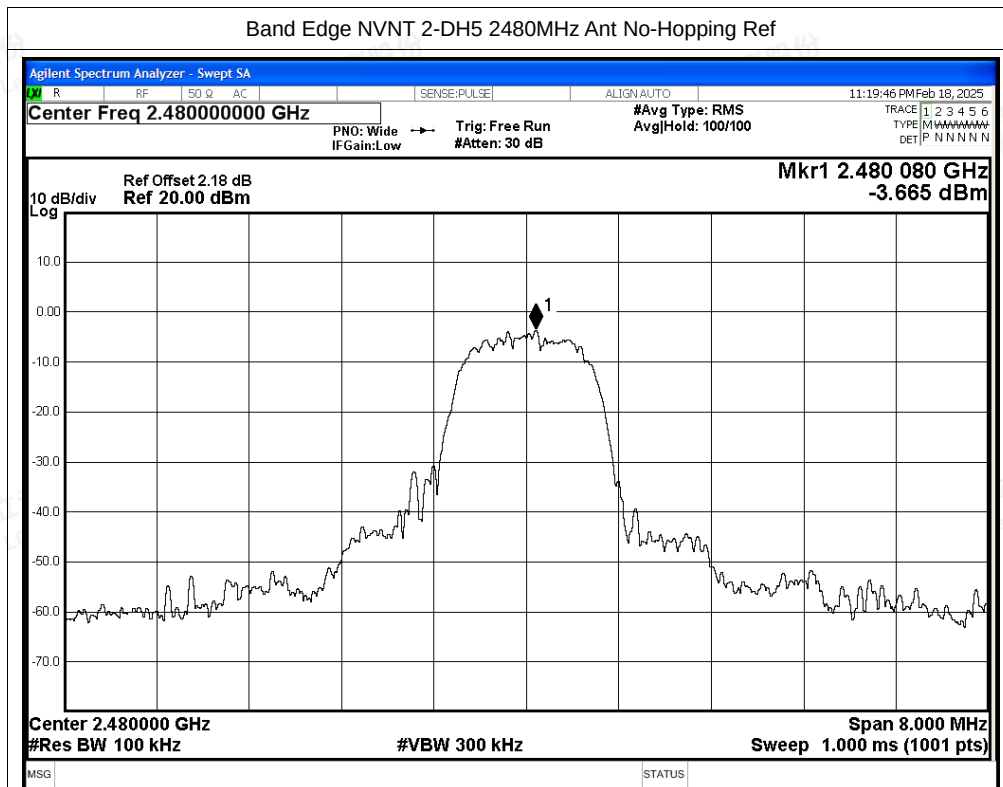


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

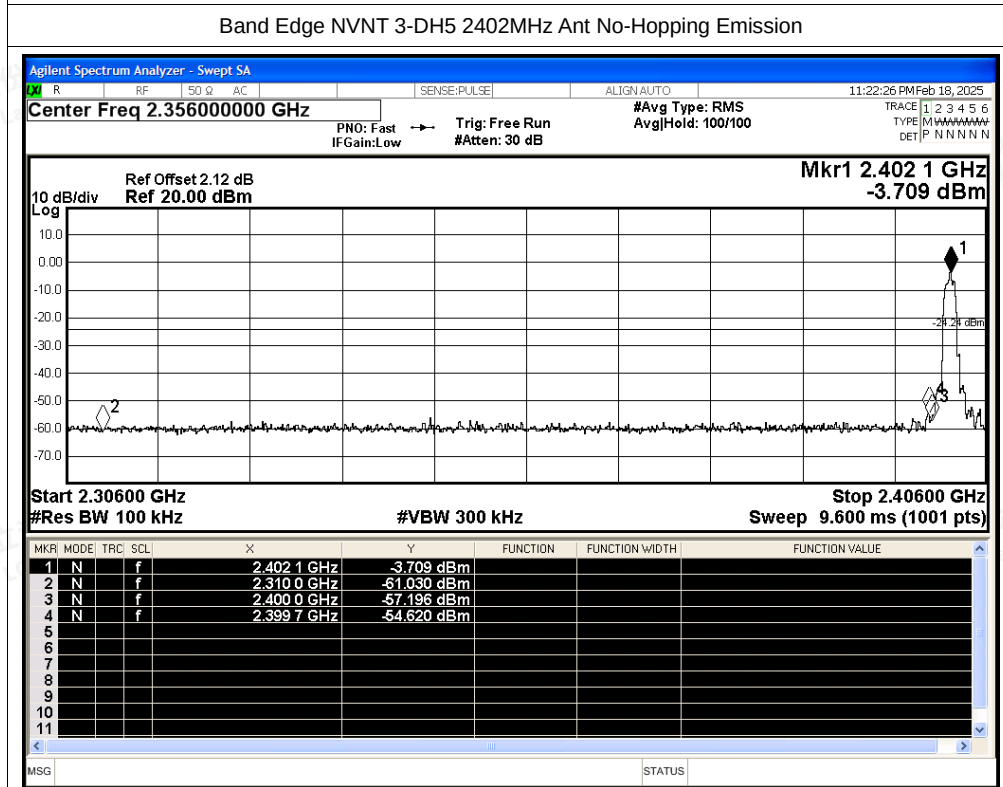
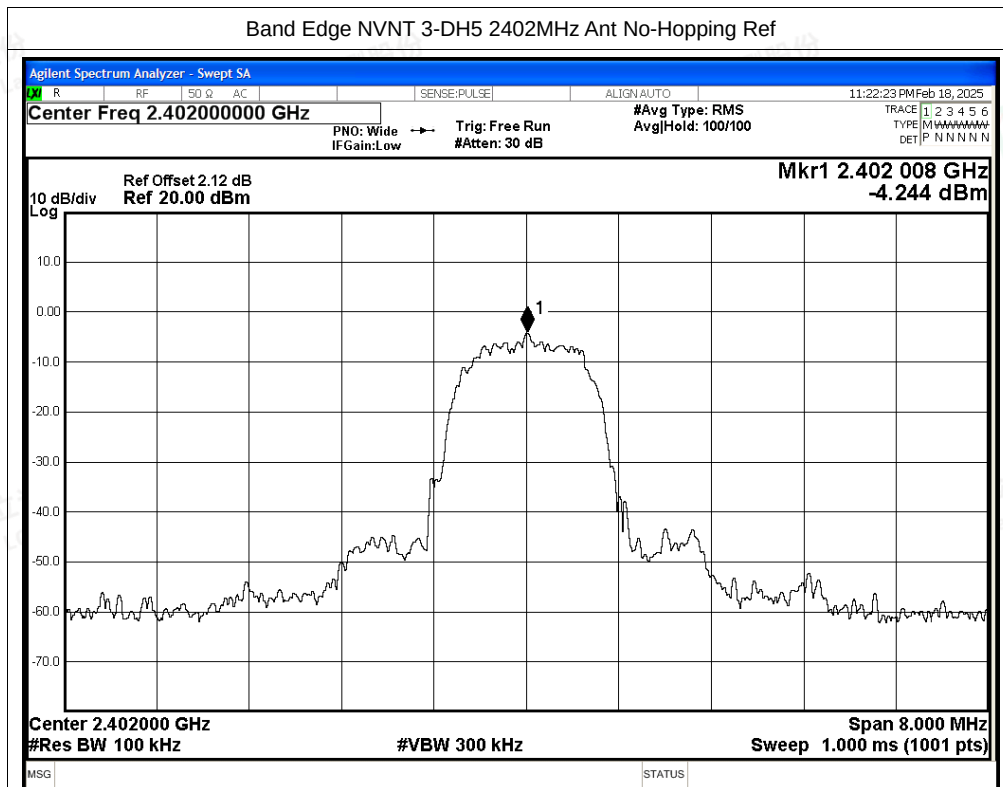


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

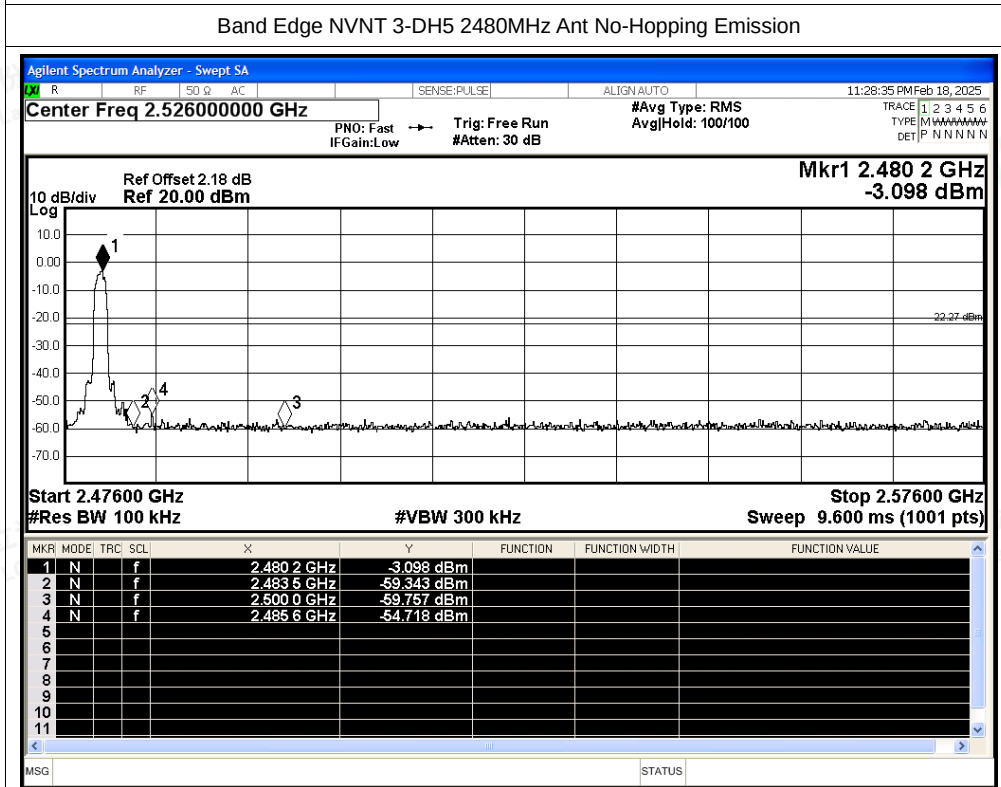
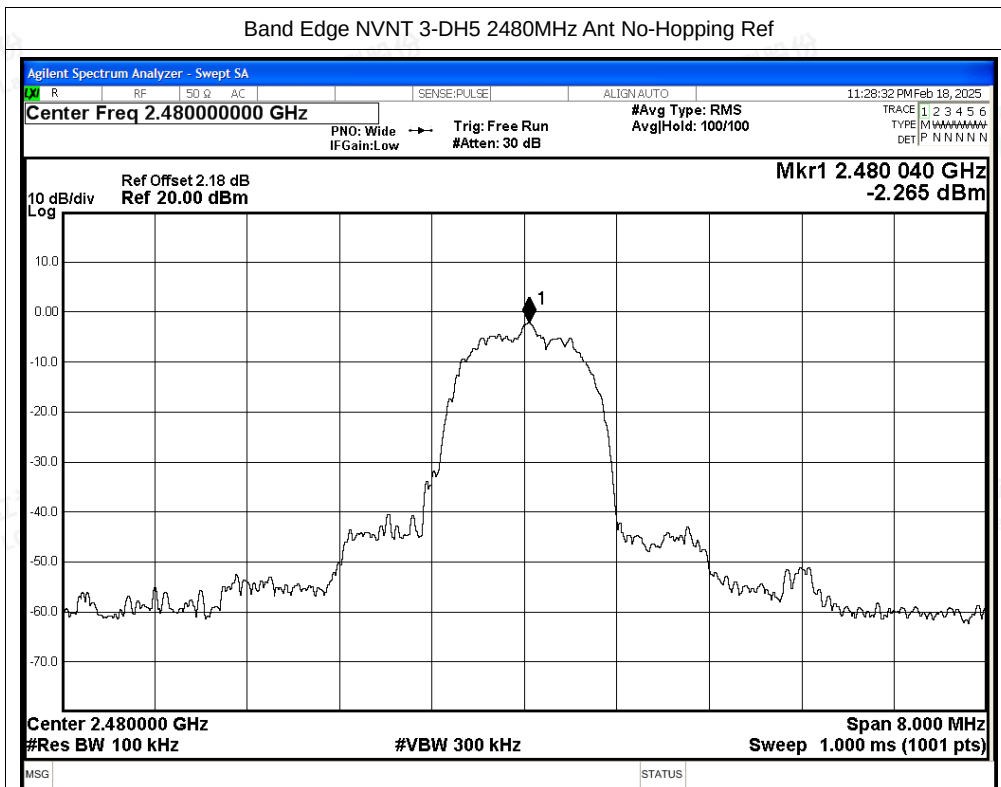


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



(Hopping)

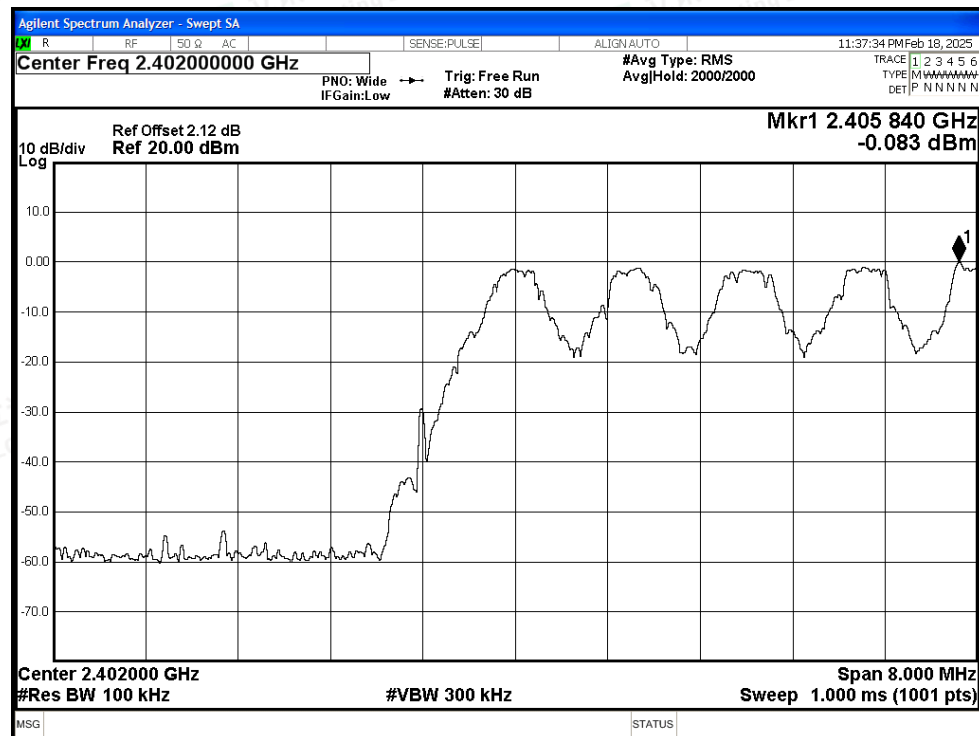
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | Hopping      | -55.94          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | Hopping      | -55.22          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | Hopping      | -54.28          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | Hopping      | -54.26          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | Hopping      | -54.82          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | Hopping      | -54.3           | -20         | Pass    |



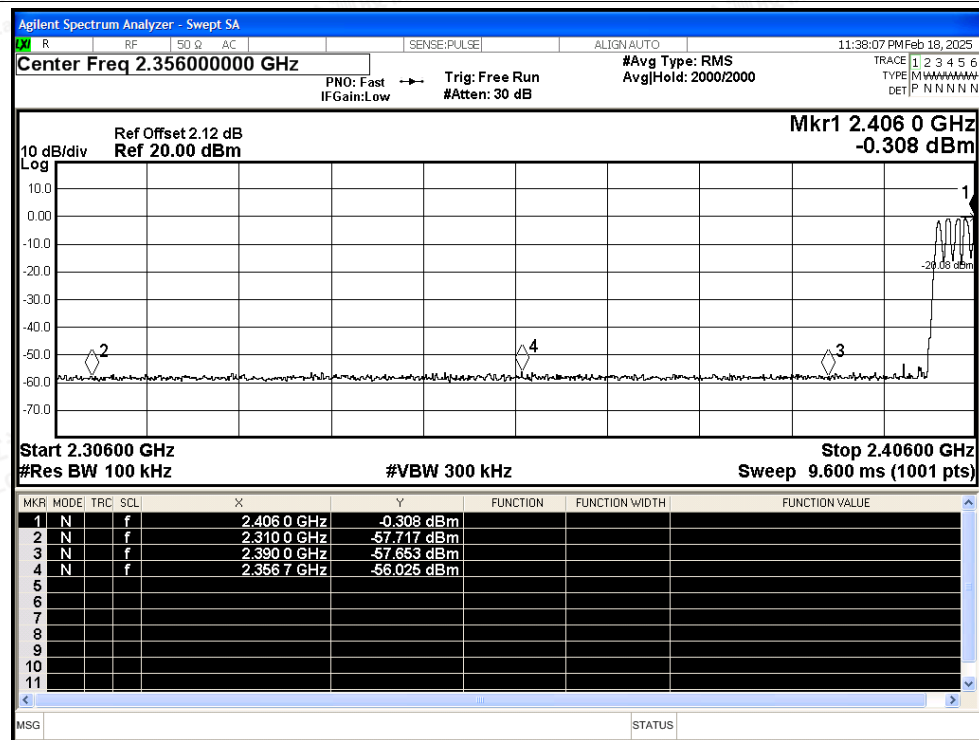


## Test Graphs

## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant Hopping Emission



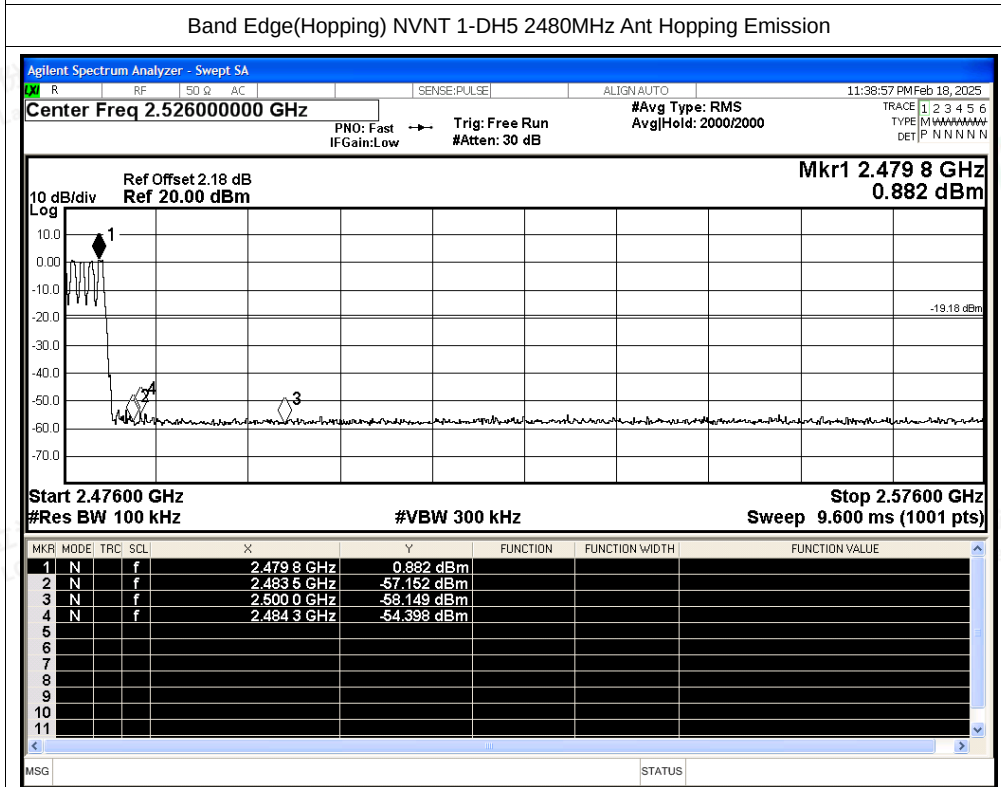
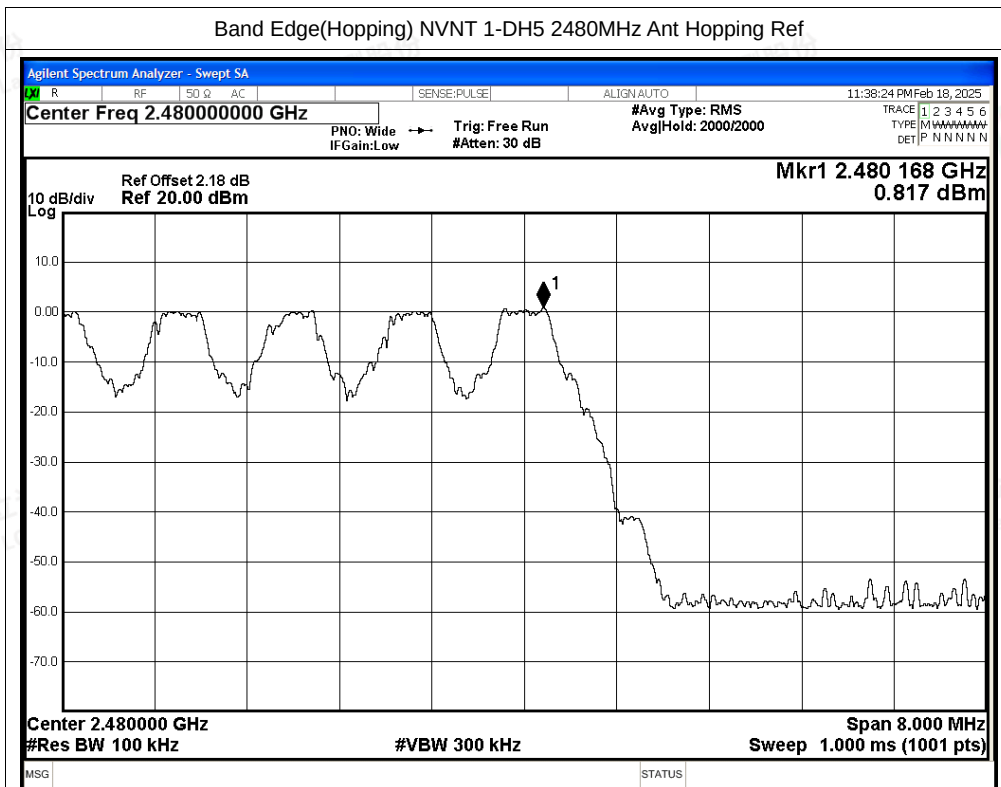
Shenzhen LCS Compliance Testing Laboratory Ltd.

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





Shenzhen LCS Compliance Testing Laboratory Ltd.

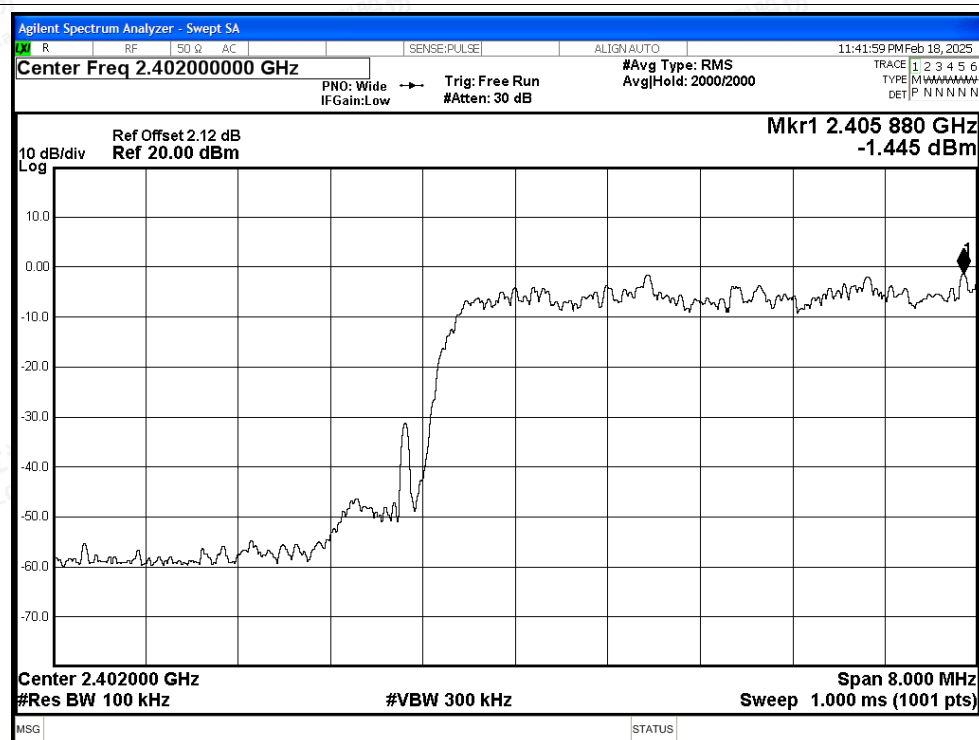
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

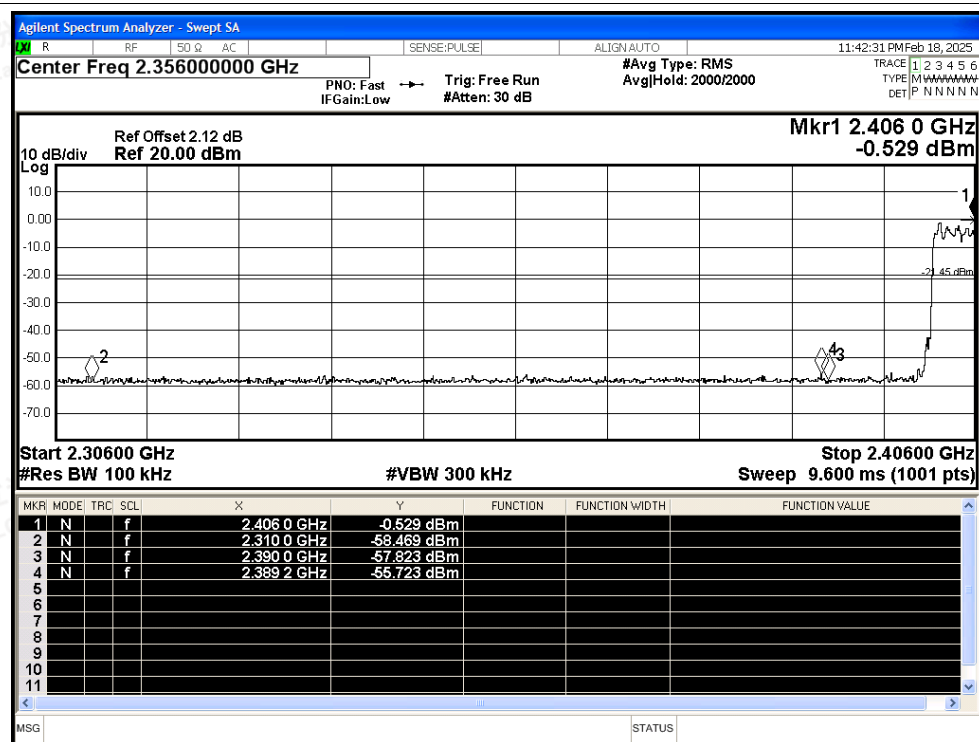
Scan code to check authenticity



## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

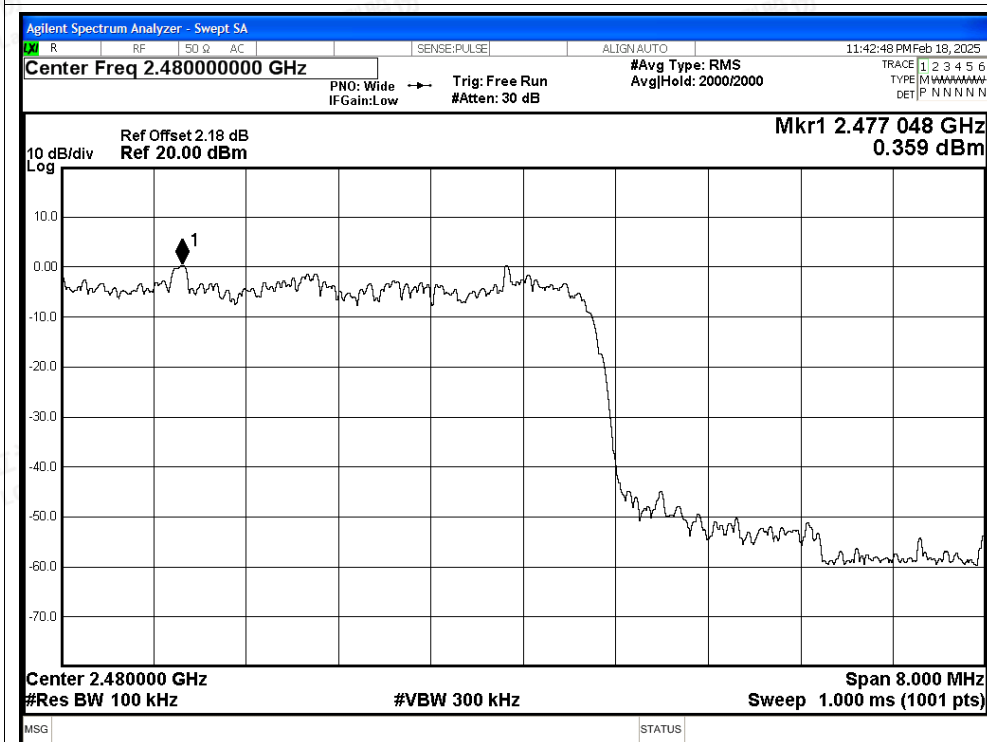
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

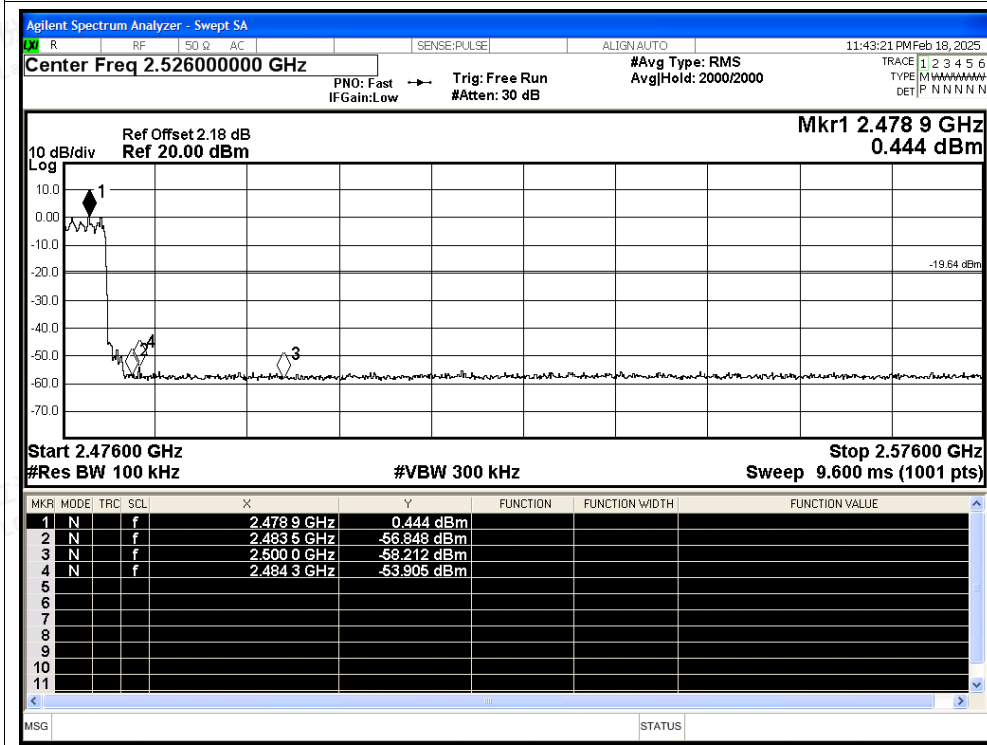
Scan code to check authenticity



## Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

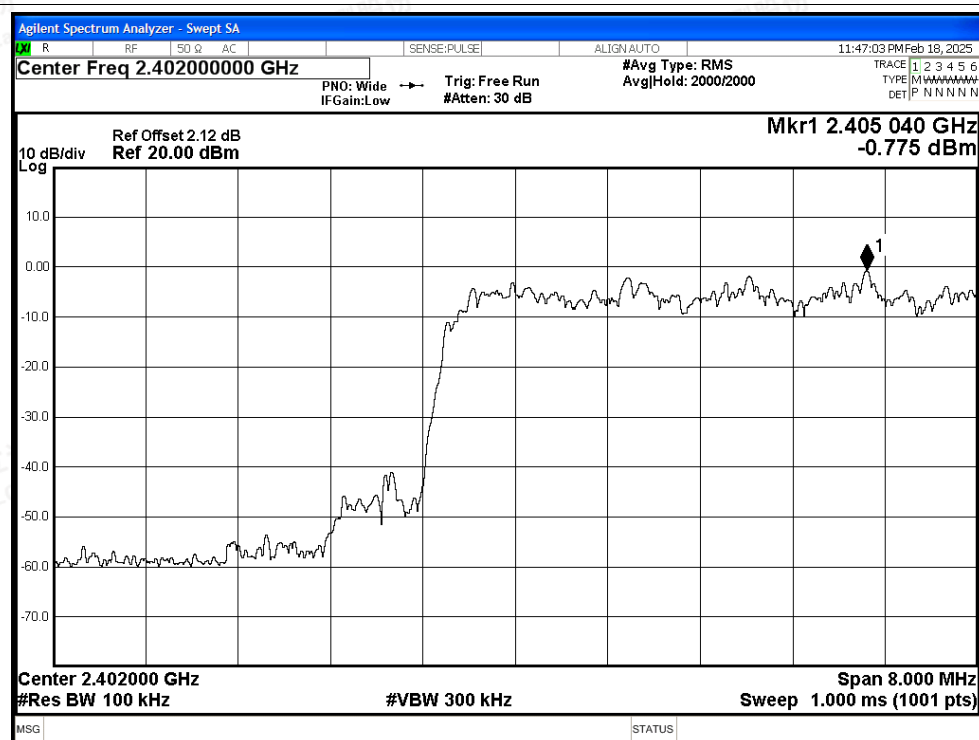
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

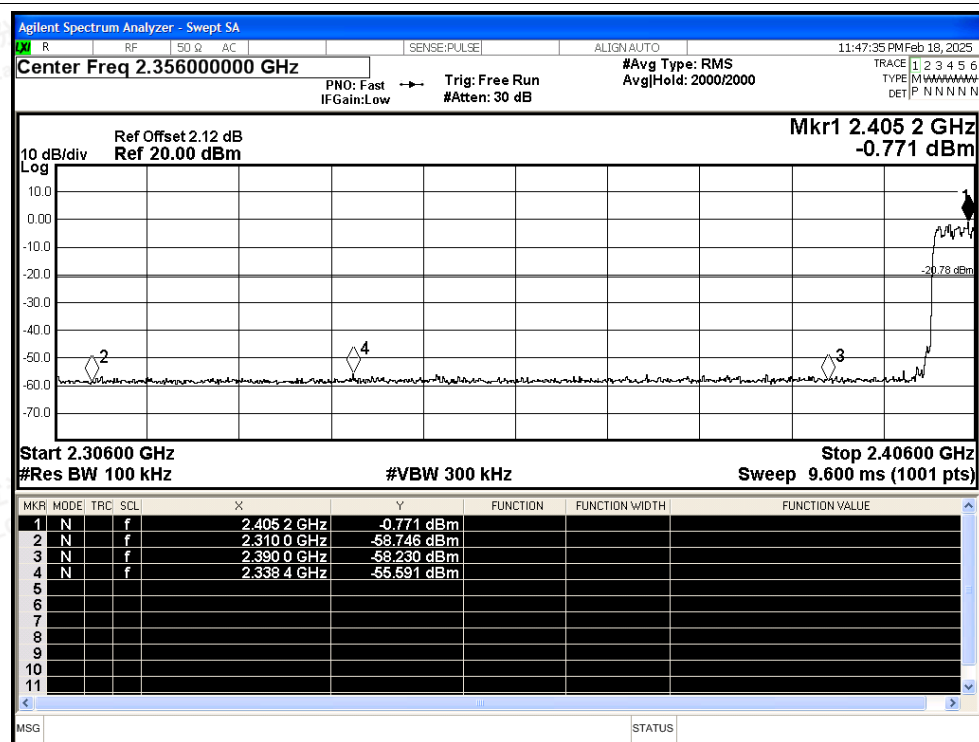
Scan code to check authenticity



## Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

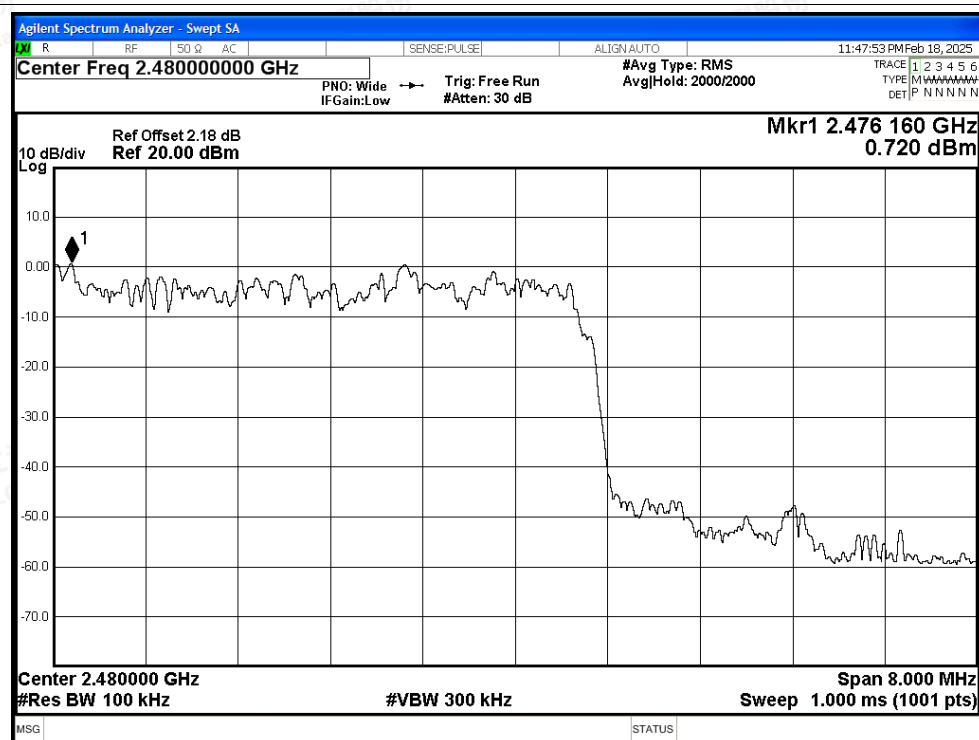
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

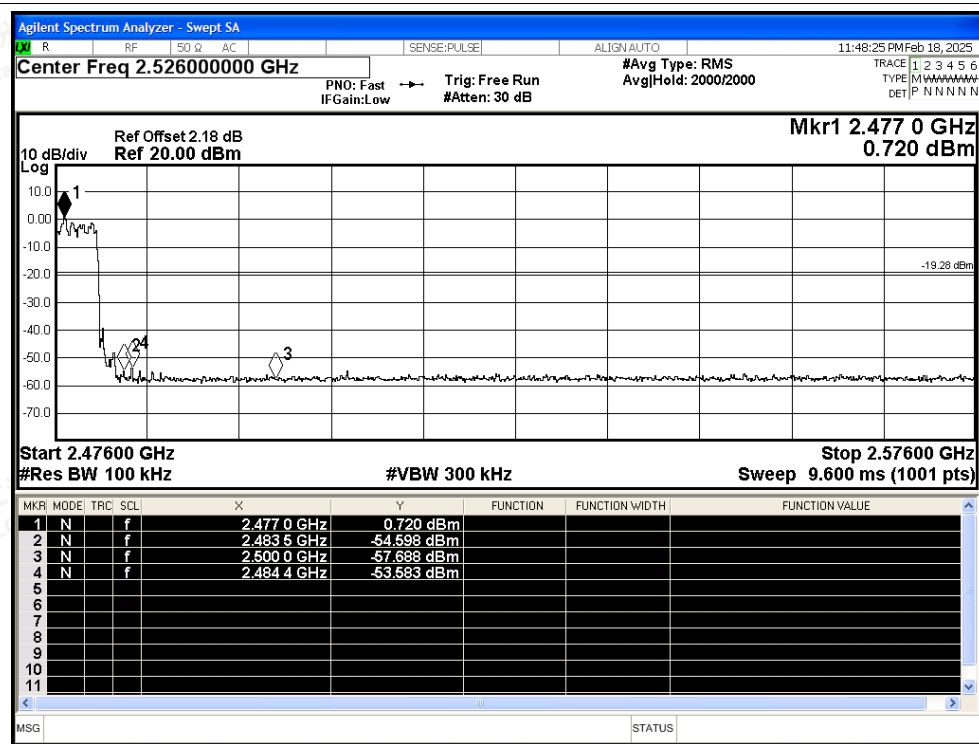
Scan code to check authenticity



## Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant Hopping 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



A.7 Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | -53.59          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | -54.72          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | -53.77          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | -49.82          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | -55.11          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | -53.61          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | -52.01          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | -51.76          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | -52.87          | -20         | Pass    |

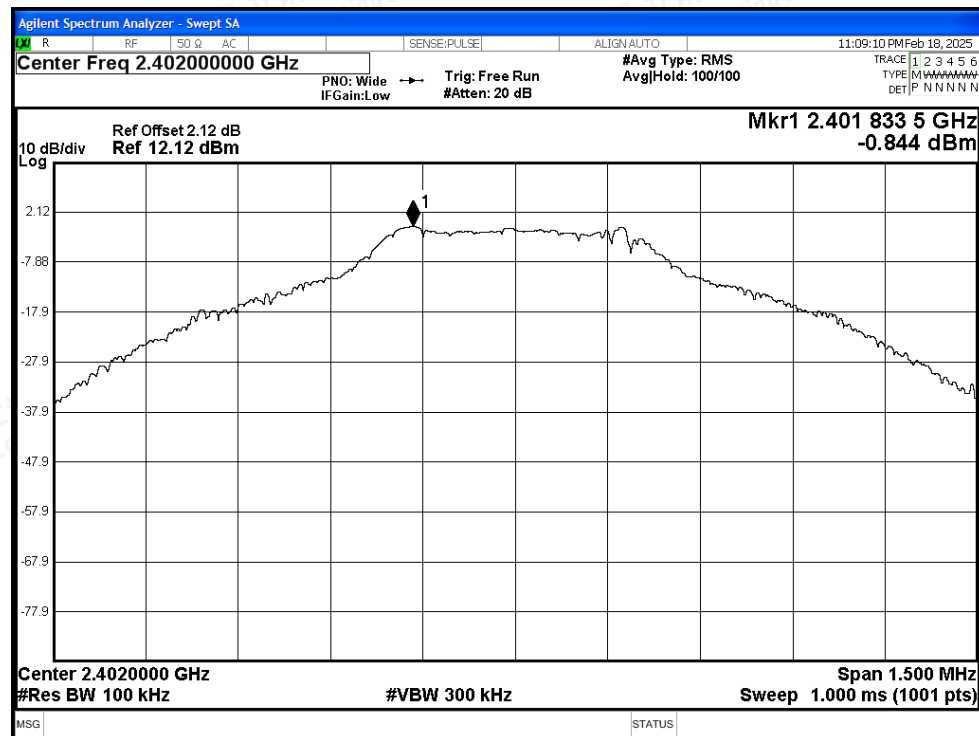


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

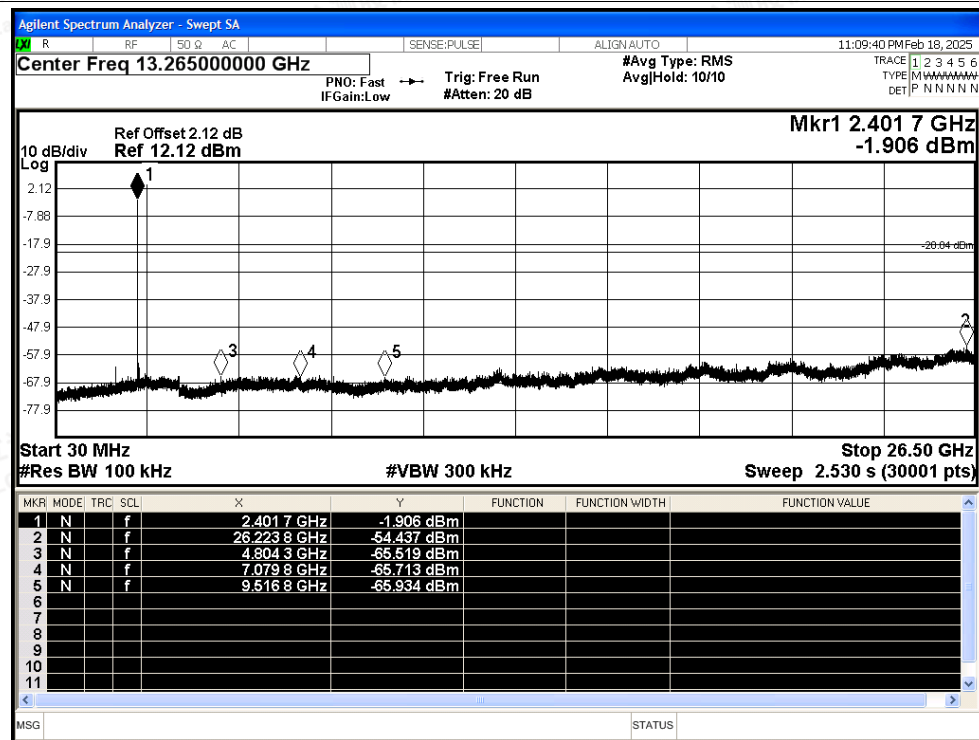


## Test Graphs

## Tx. Spurious NVNT 1-DH5 2402MHz Ant Ref



## Tx. Spurious NVNT 1-DH5 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

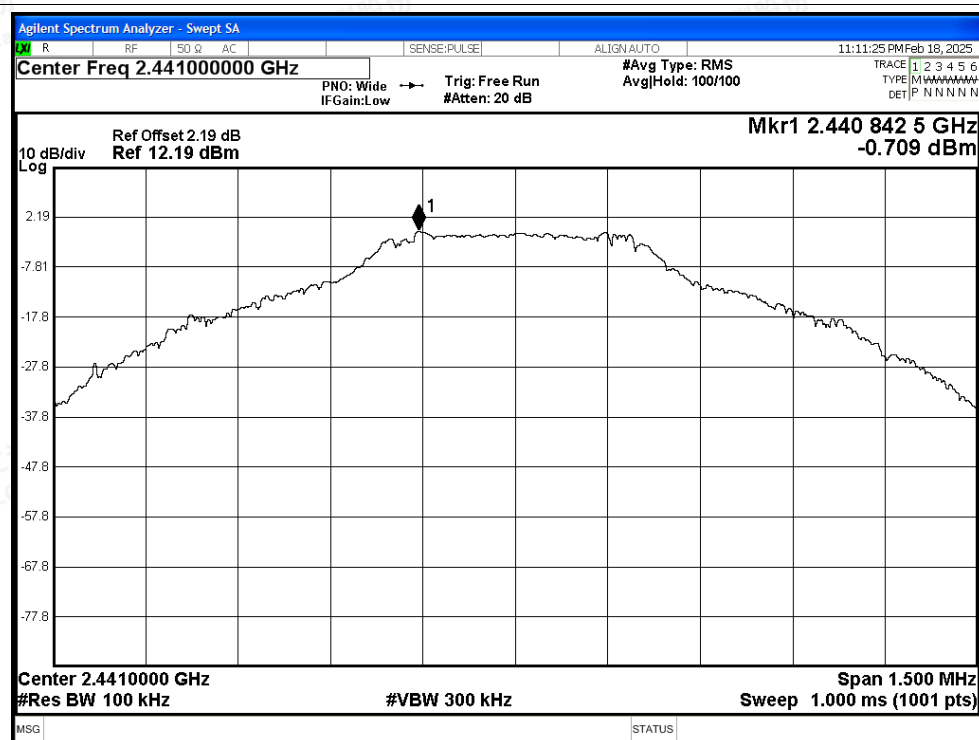
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

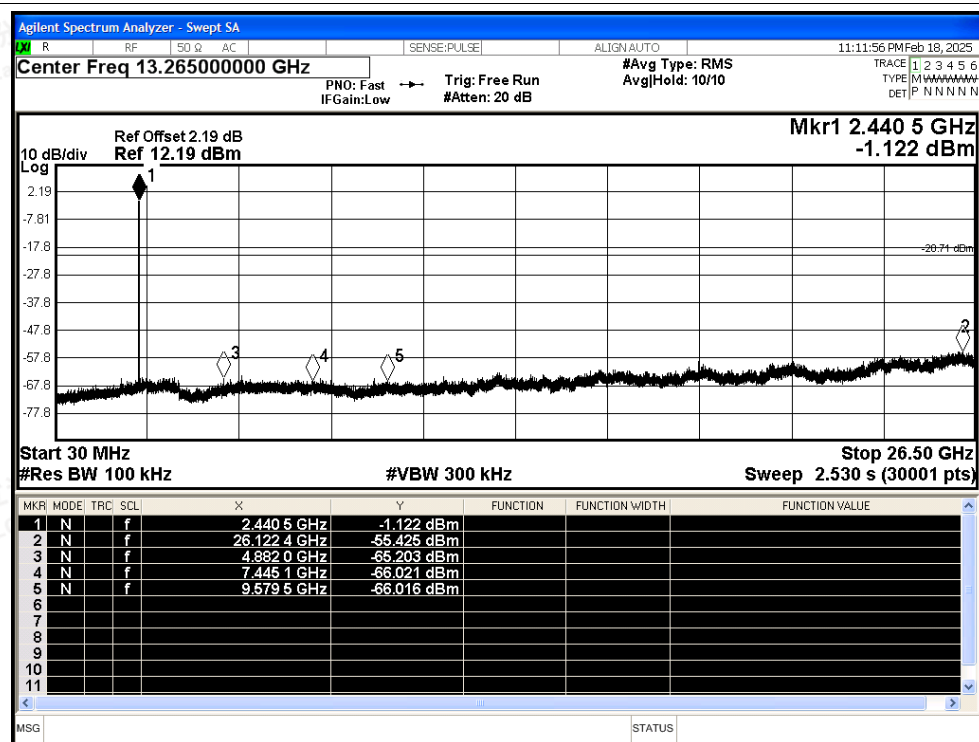
Scan code to check authenticity



## Tx. Spurious NVNT 1-DH5 2441MHz Ant Ref



## Tx. Spurious NVNT 1-DH5 2441MHz Ant 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

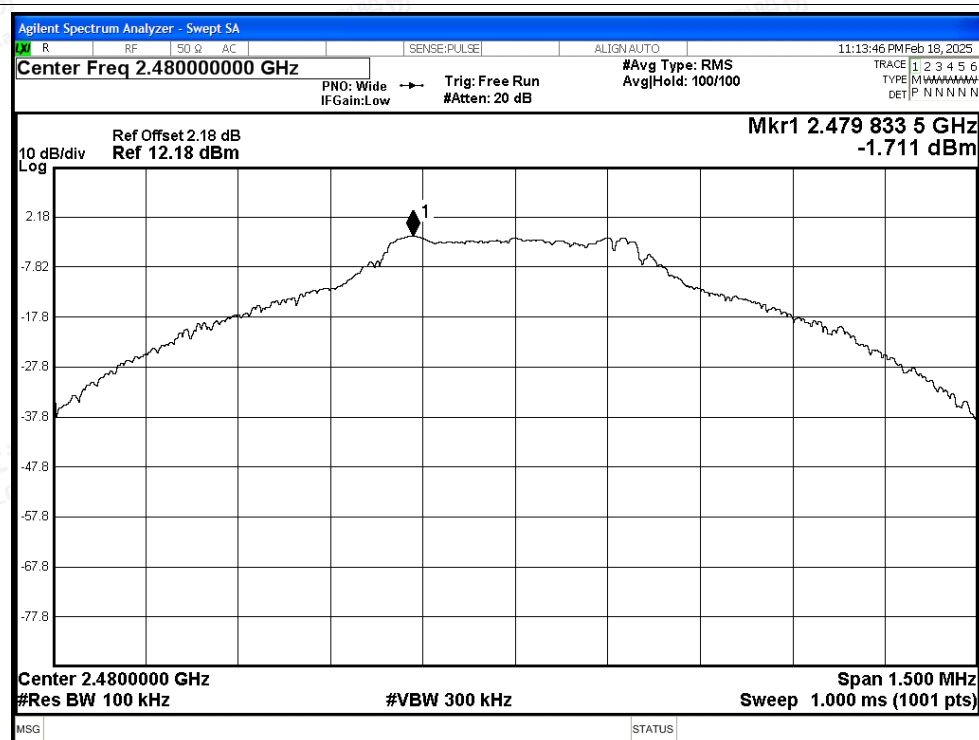
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

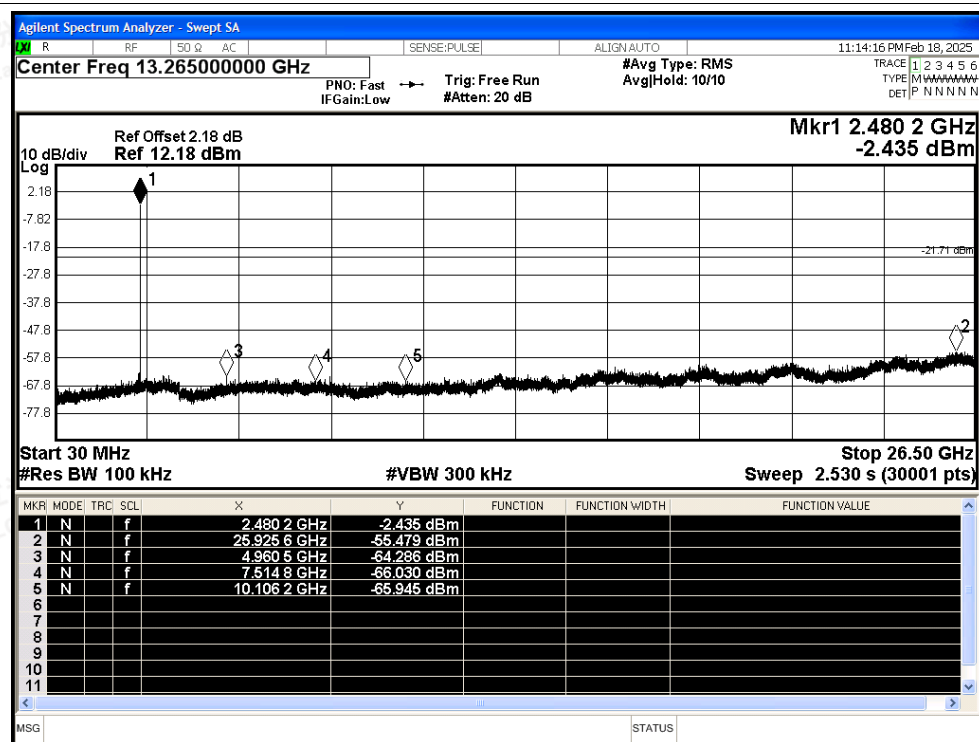




## Tx. Spurious NVNT 1-DH5 2480MHz Ant Ref



## Tx. Spurious NVNT 1-DH5 2480MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

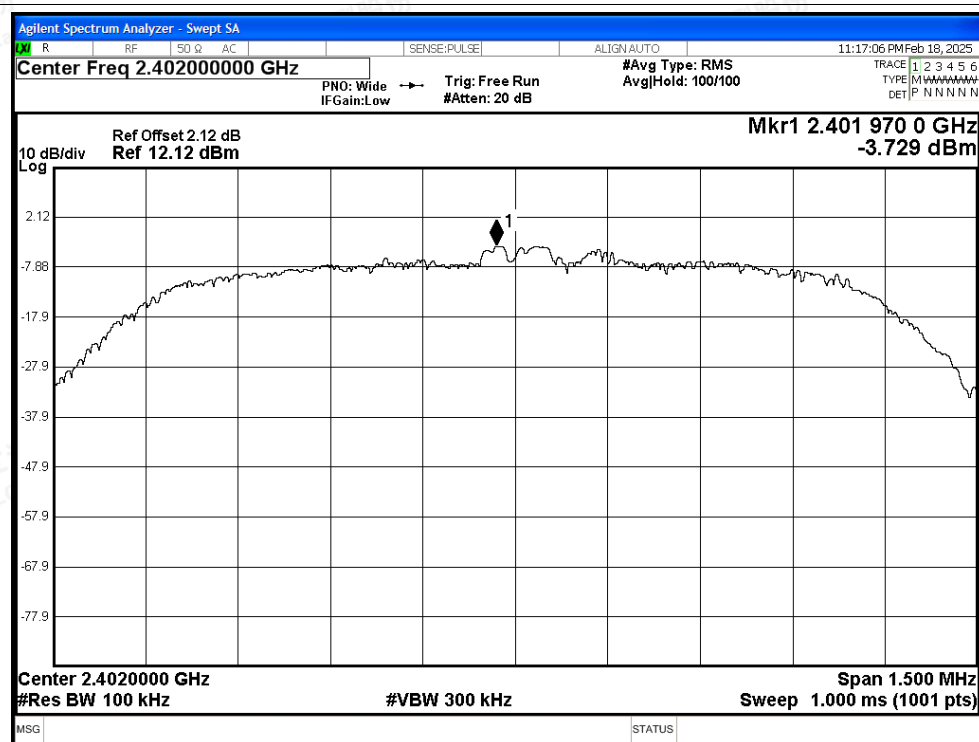
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

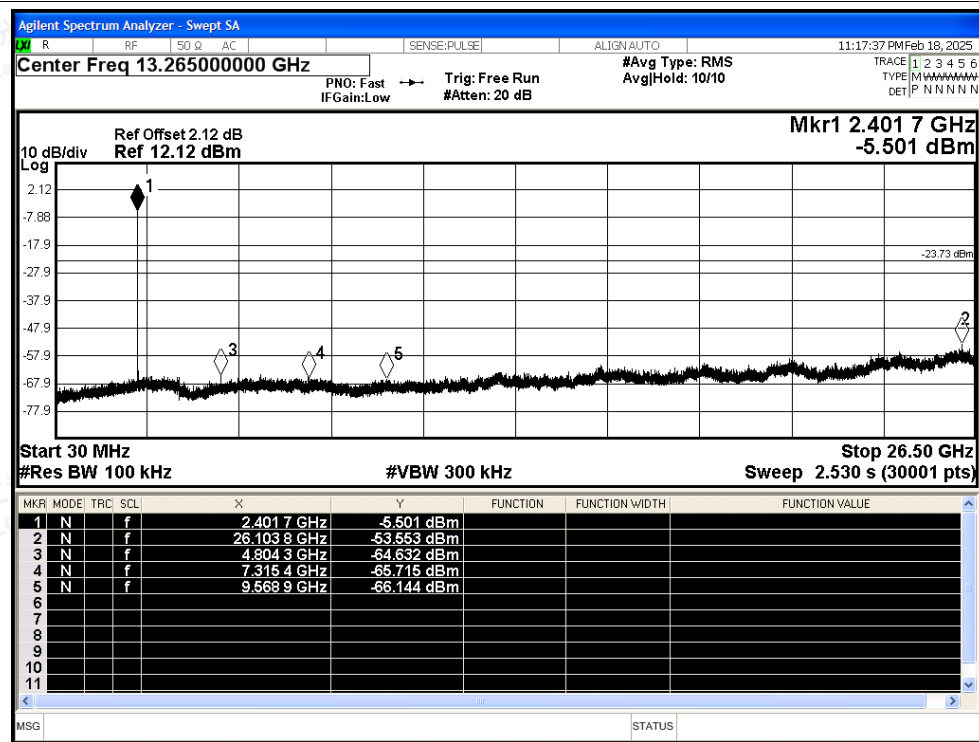
Scan code to check authenticity



## Tx. Spurious NVNT 2-DH5 2402MHz Ant Ref



## Tx. Spurious NVNT 2-DH5 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

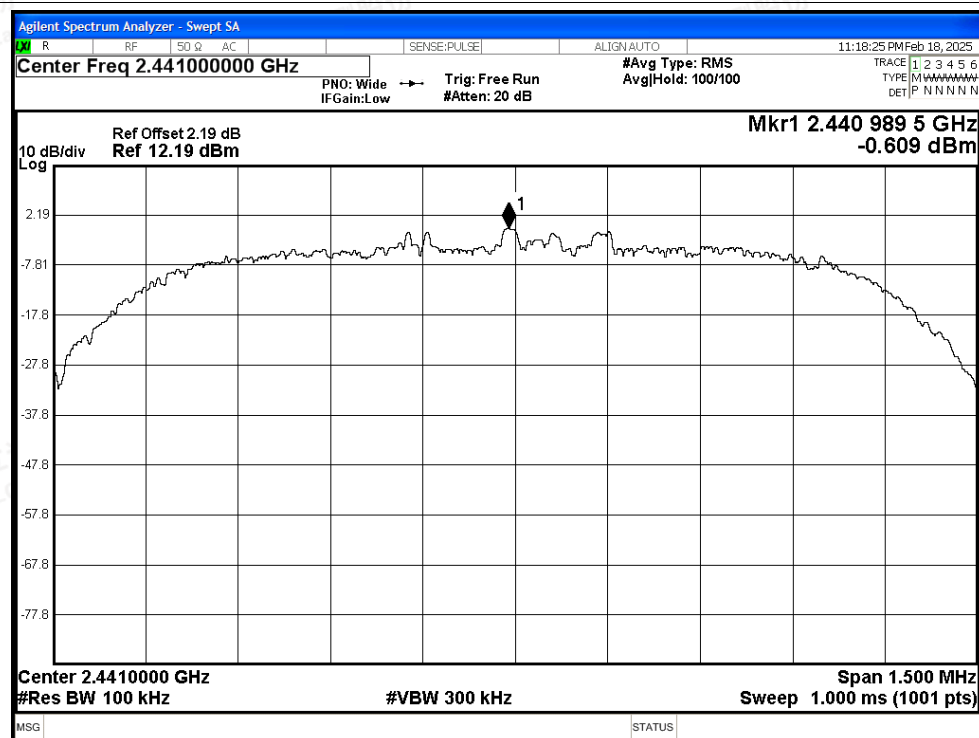
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

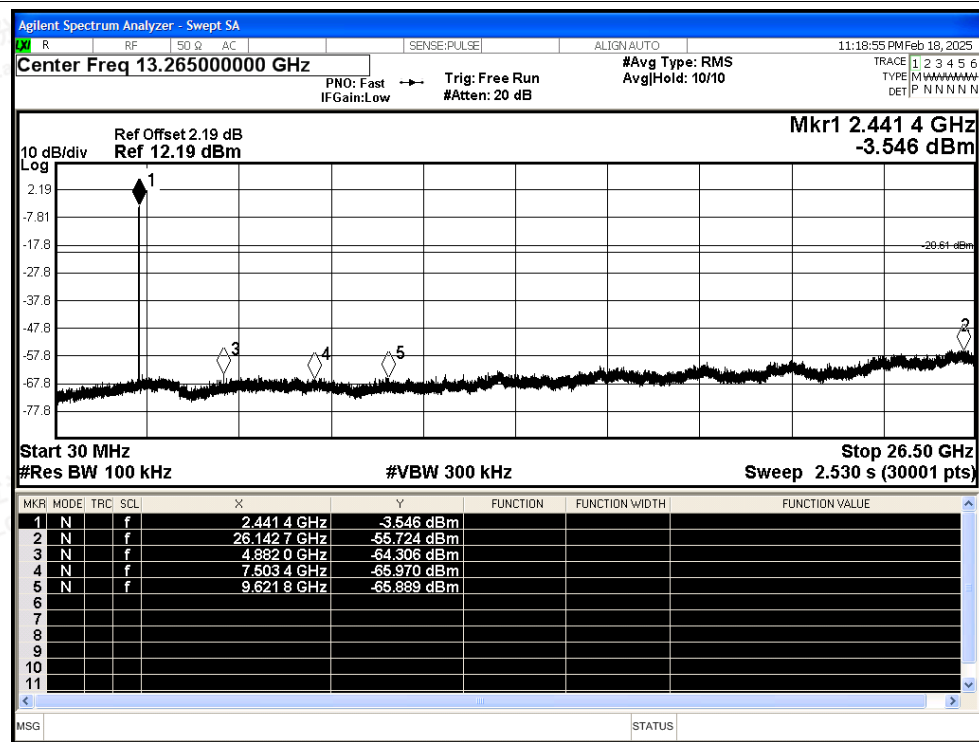
Scan code to check authenticity



## Tx. Spurious NVNT 2-DH5 2441MHz Ant Ref



## Tx. Spurious NVNT 2-DH5 2441MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

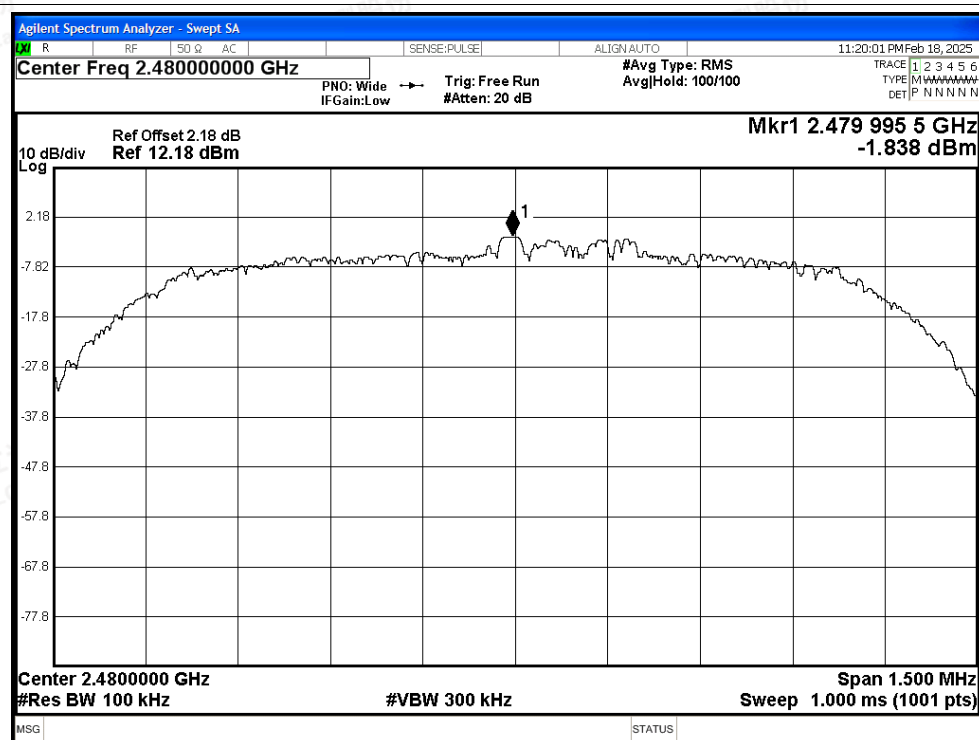
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

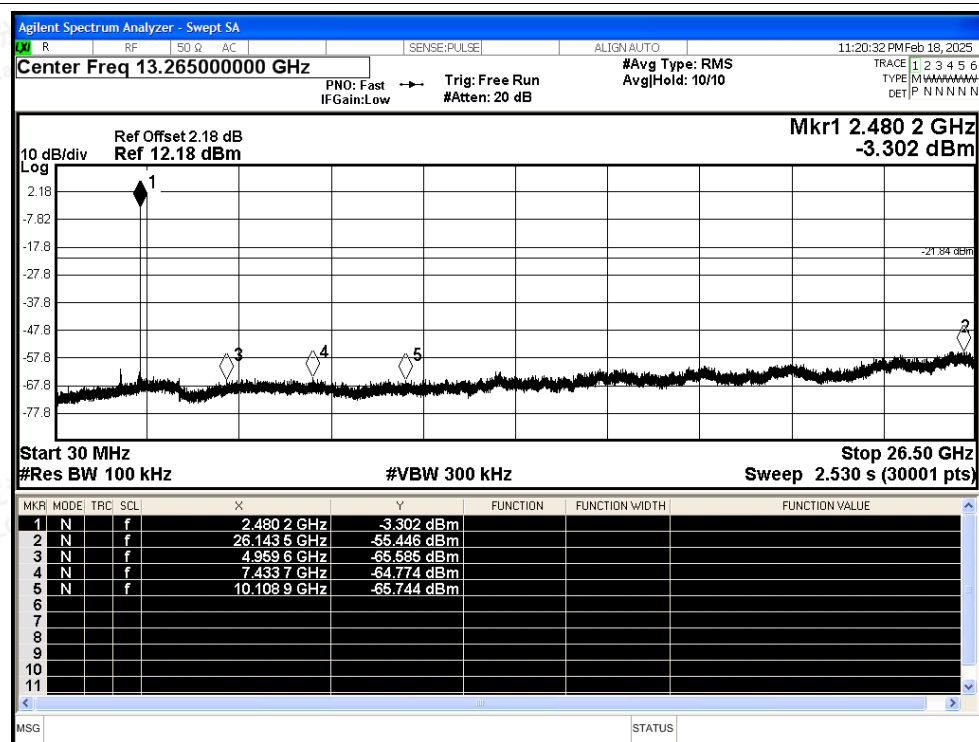
Scan code to check authenticity



## Tx. Spurious NVNT 2-DH5 2480MHz Ant Ref



## Tx. Spurious NVNT 2-DH5 2480MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

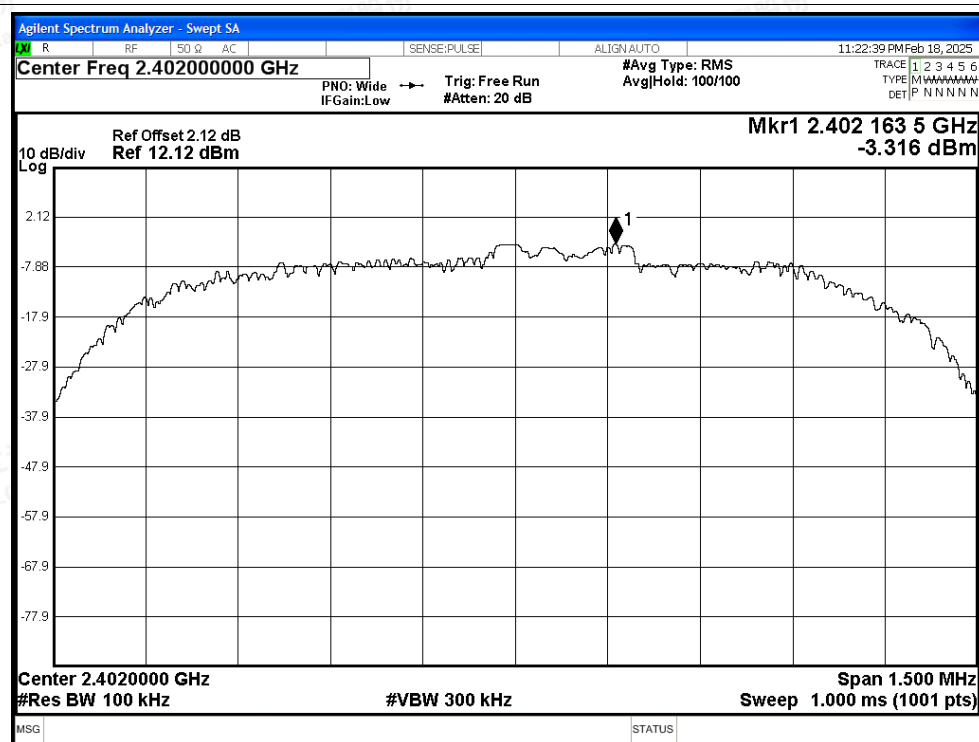
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

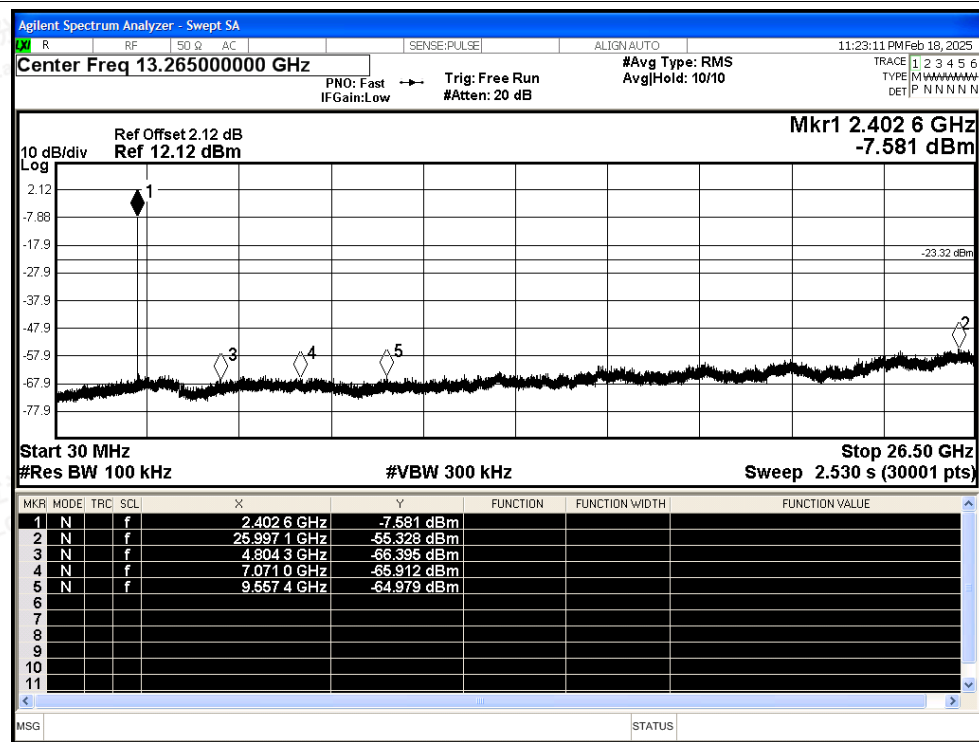
Scan code to check authenticity



## Tx. Spurious NVNT 3-DH5 2402MHz Ant Ref



## Tx. Spurious NVNT 3-DH5 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

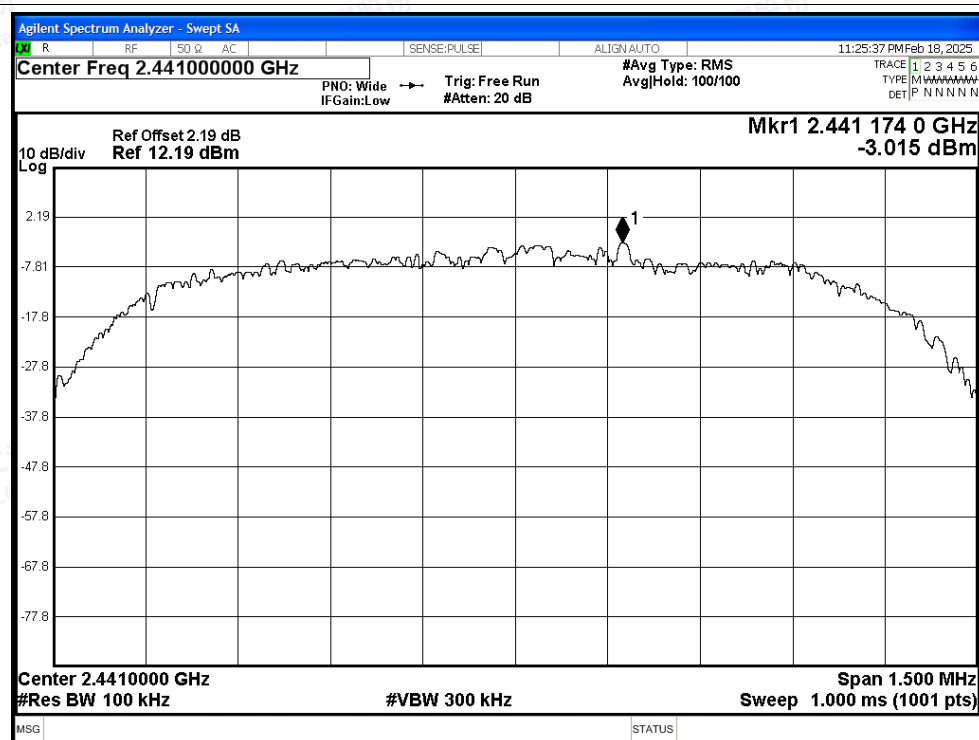
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

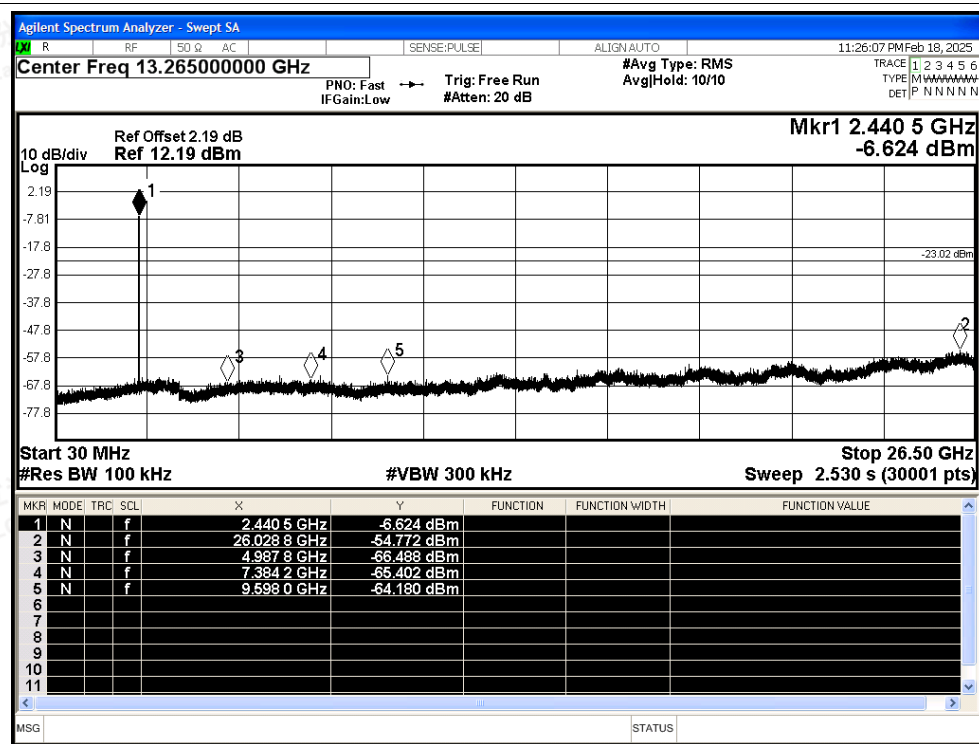
Scan code to check authenticity



## Tx. Spurious NVNT 3-DH5 2441MHz Ant Ref



## Tx. Spurious NVNT 3-DH5 2441MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

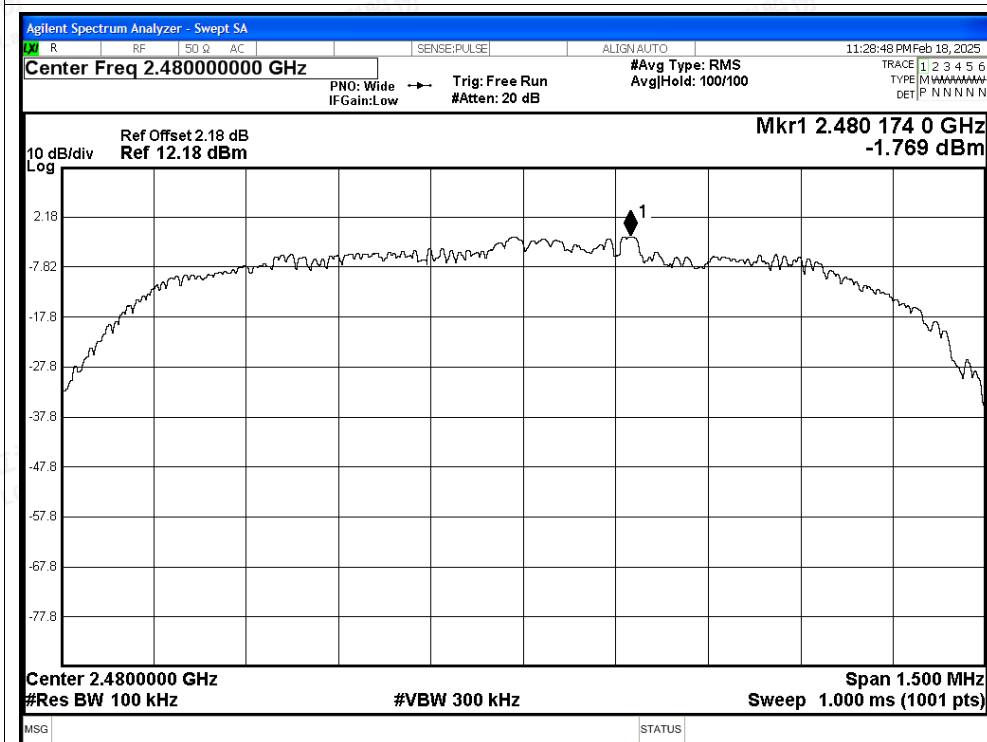
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

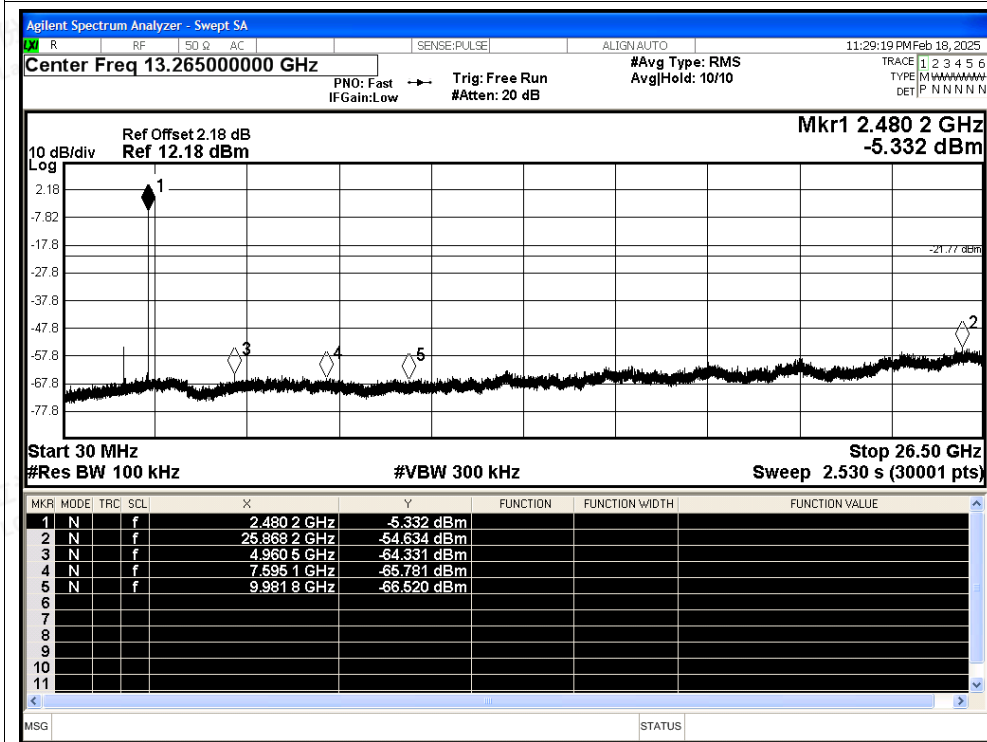
Scan code to check authenticity



## Tx. Spurious NVNT 3-DH5 2480MHz Ant Ref



## Tx. Spurious NVNT 3-DH5 2480MHz Ant 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



A.8 Duty Cycle

| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH5 | 2402            | Ant     | 77.6           | 1.1                    | 0.34      |
| NVNT      | 1-DH5 | 2441            | Ant     | 77.6           | 1.1                    | 0.34      |
| NVNT      | 1-DH5 | 2480            | Ant     | 77.6           | 1.1                    | 0.34      |
| NVNT      | 2-DH5 | 2402            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 2-DH5 | 2441            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 2-DH5 | 2480            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 3-DH5 | 2402            | Ant     | 97.22          | 0.12                   | 7.14      |
| NVNT      | 3-DH5 | 2441            | Ant     | 76.37          | 1.17                   | 0.36      |
| NVNT      | 3-DH5 | 2480            | Ant     | 76.37          | 1.17                   | 0.36      |

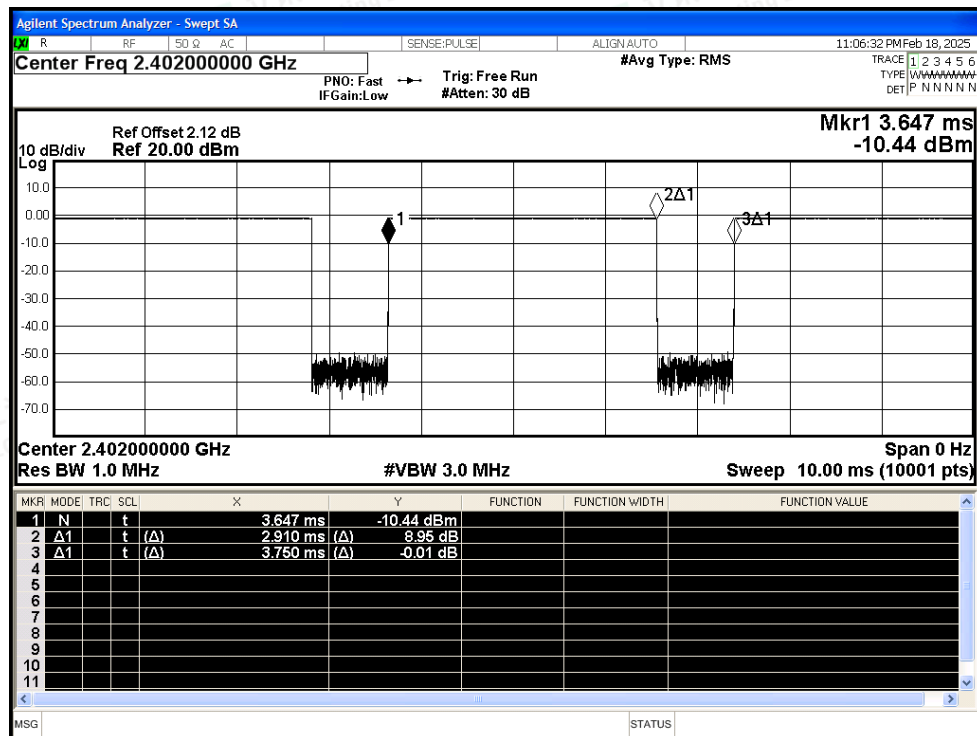




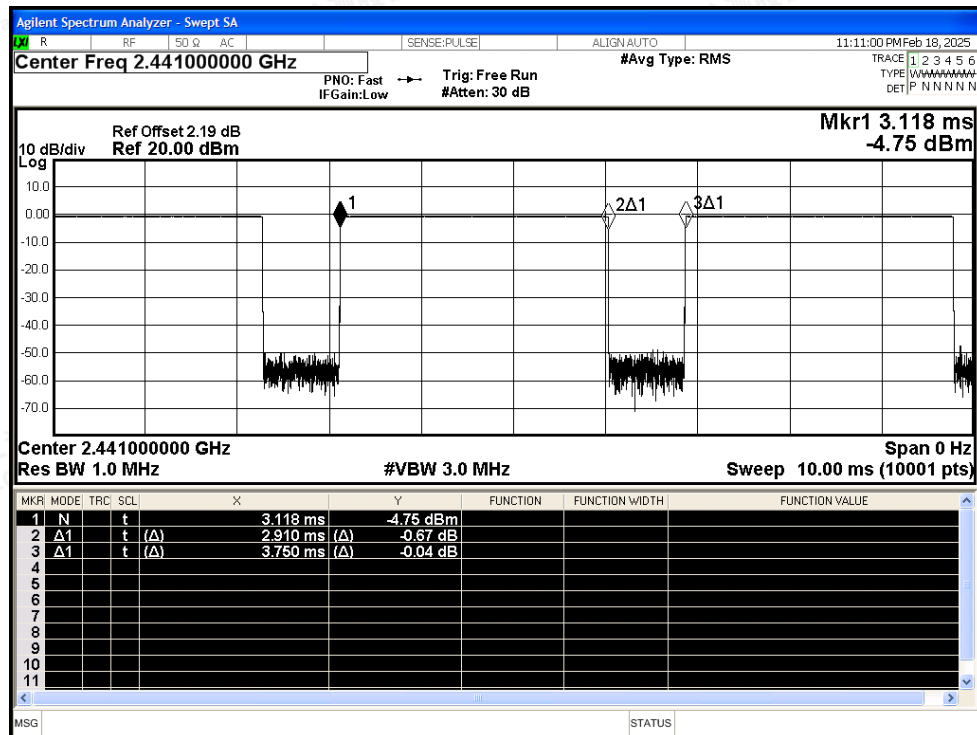


## Test Graphs

## Duty Cycle NVNT 1-DH5 2402MHz Ant



## Duty Cycle NVNT 1-DH5 2441MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

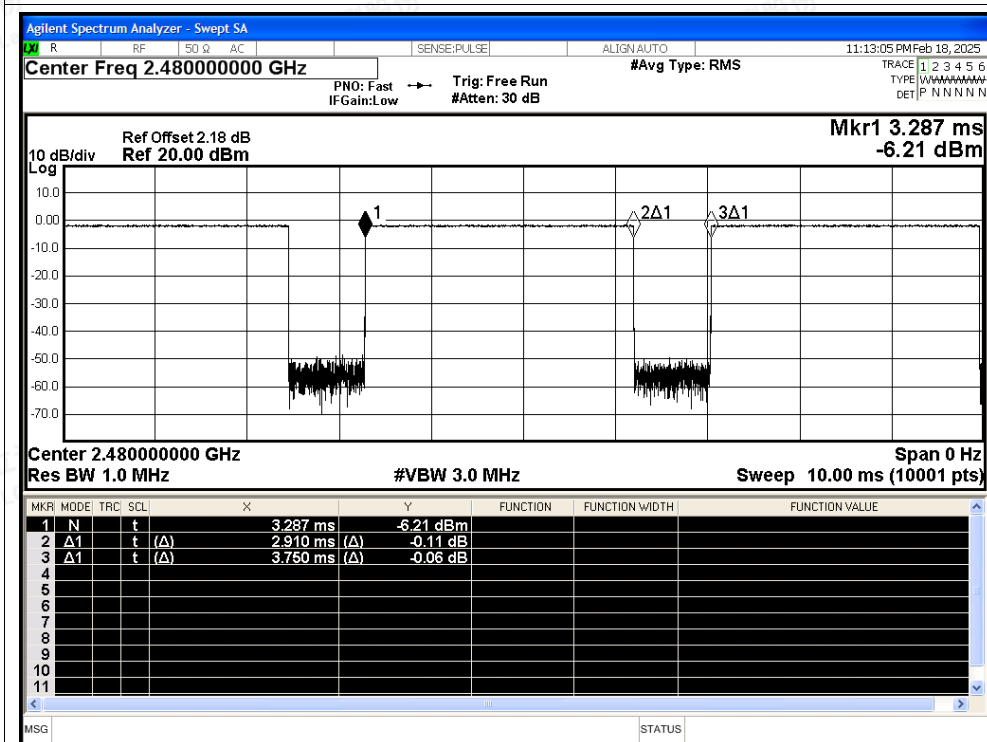
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

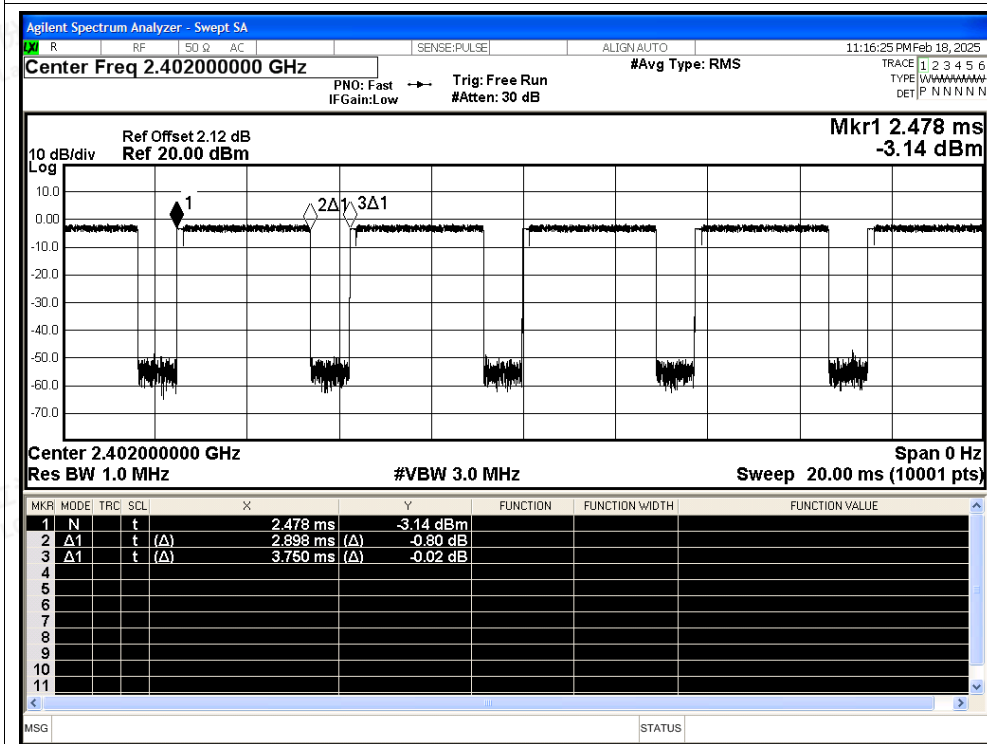
Scan code to check authenticity



## Duty Cycle NVNT 1-DH5 2480MHz Ant



## Duty Cycle NVNT 2-DH5 2402MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

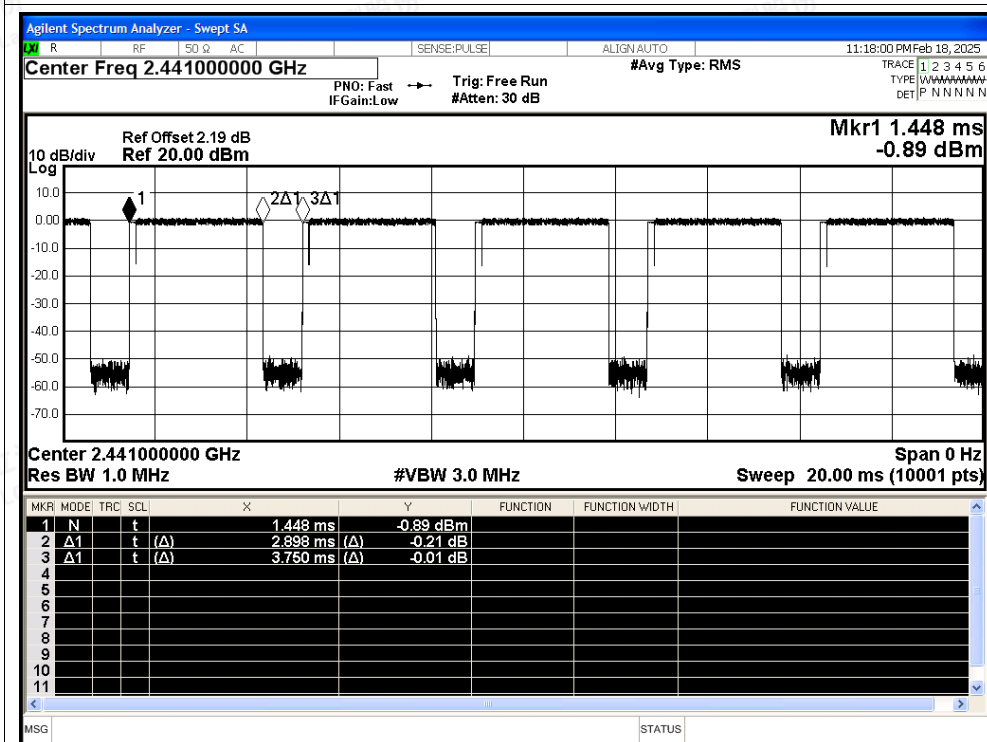
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

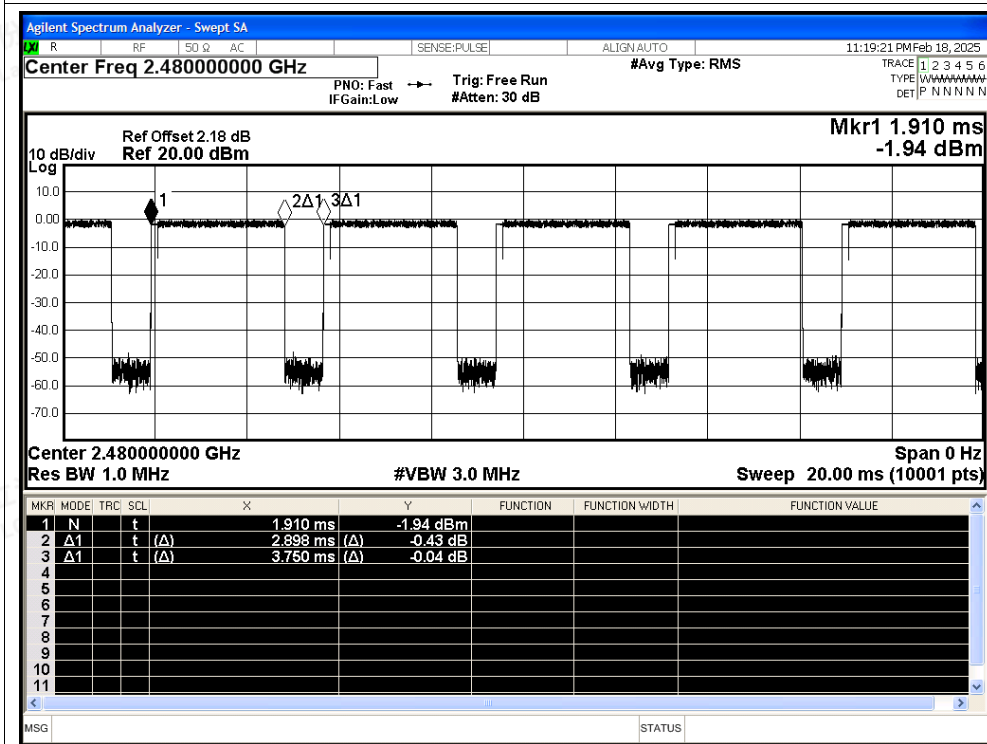
Scan code to check authenticity



## Duty Cycle NVNT 2-DH5 2441MHz Ant



## Duty Cycle NVNT 2-DH5 2480MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

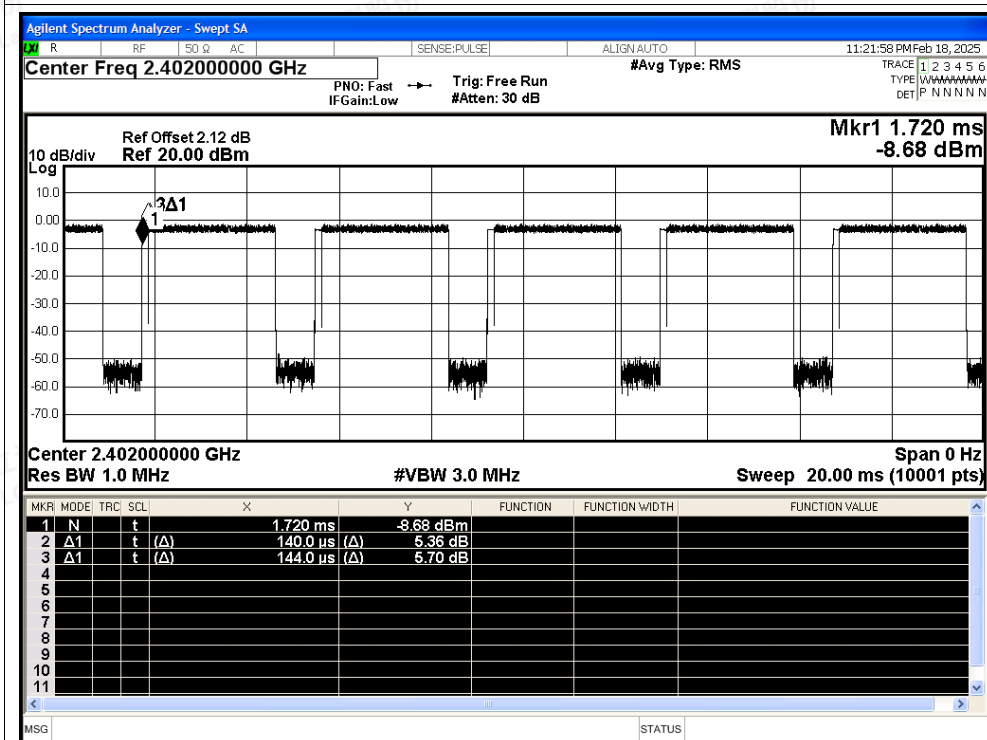
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

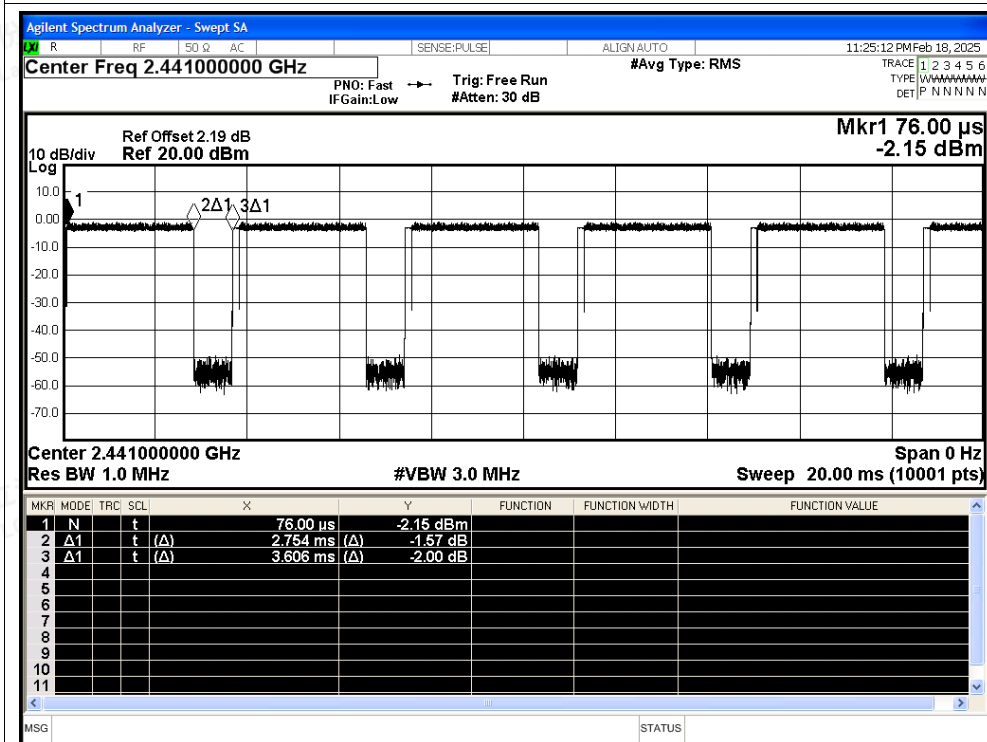
Scan code to check authenticity



## Duty Cycle NVNT 3-DH5 2402MHz Ant



## Duty Cycle NVNT 3-DH5 2441MHz Ant

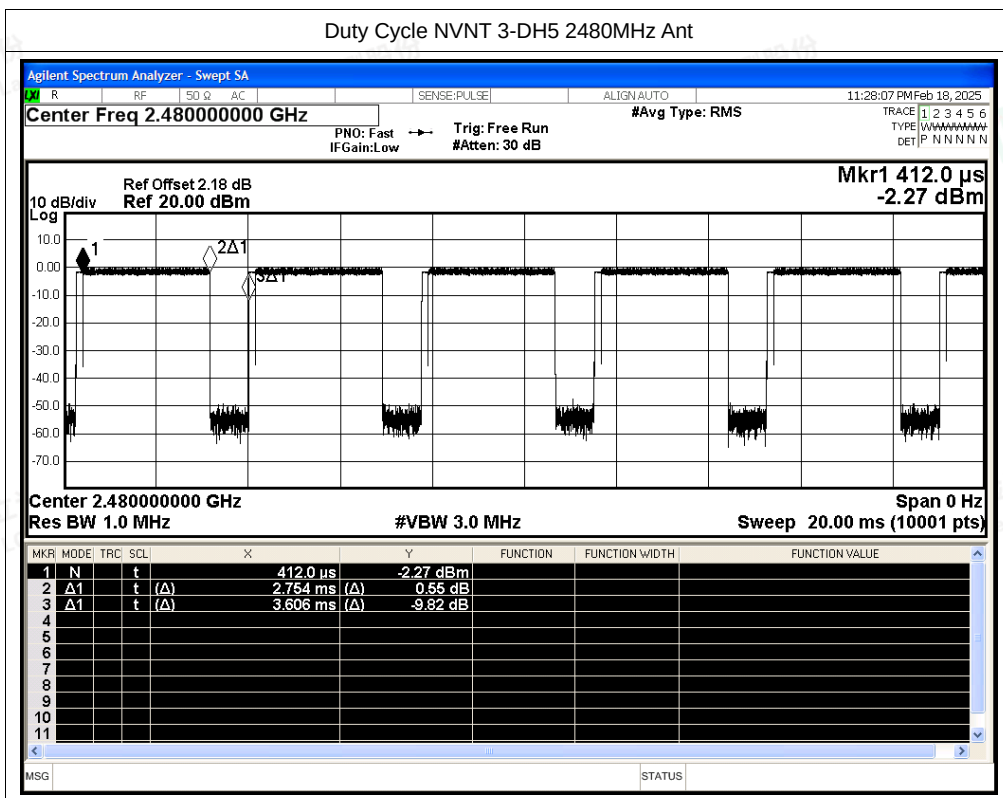


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



## A.9 Restrict Band

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -50.45      | 2          | -                | 46.81      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -58.96      | 2          | 1.1              | 39.4       | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2352.048        | -47.53      | 2          | -                | 49.73      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2361.36         | -57.54      | 2          | 1.1              | 40.82      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -51.31      | 2          | -                | 45.95      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -57.94      | 2          | 1.1              | 40.42      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -51.2       | 2          | -                | 46.06      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -57.28      | 2          | 1.1              | 41.08      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2484.688        | -36.93      | 2          | -                | 60.33      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2484.688        | -55.84      | 2          | 1.1              | 42.52      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -49.42      | 2          | -                | 47.84      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -57.78      | 2          | 1.1              | 40.58      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -50.65      | 2          | -                | 46.61      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -58.76      | 2          | 1.12             | 39.62      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2331.024        | -47.23      | 2          | -                | 50.03      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2382.672        | -57.48      | 2          | 1.12             | 40.9       | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -50.8       | 2          | -                | 46.46      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -58.42      | 2          | 1.12             | 39.96      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -49.68      | 2          | -                | 47.58      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -57.68      | 2          | 1.12             | 40.7       | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2491.192        | -42.32      | 2          | -                | 54.94      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.848        | -55.48      | 2          | 1.12             | 42.9       | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -49.19      | 2          | -                | 48.07      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -57.91      | 2          | 1.12             | 40.47      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -51.53      | 2          | -                | 45.73      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -58.03      | 2          | 0.12             | 39.35      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2361.264        | -47.34      | 2          | -                | 49.92      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2382            | -57.42      | 2          | 0.12             | 39.96      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -50.16      | 2          | -                | 47.1       | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -57.92      | 2          | 0.12             | 39.46      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -50.21      | 2          | -                | 47.05      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -57.08      | 2          | 1.17             | 41.35      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2485.84         | -37.35      | 2          | -                | 59.91      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2487.304        | -56.89      | 2          | 1.17             | 41.54      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -50.12      | 2          | -                | 47.14      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -57.03      | 2          | 1.17             | 41.4       | Average  | 54             | 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

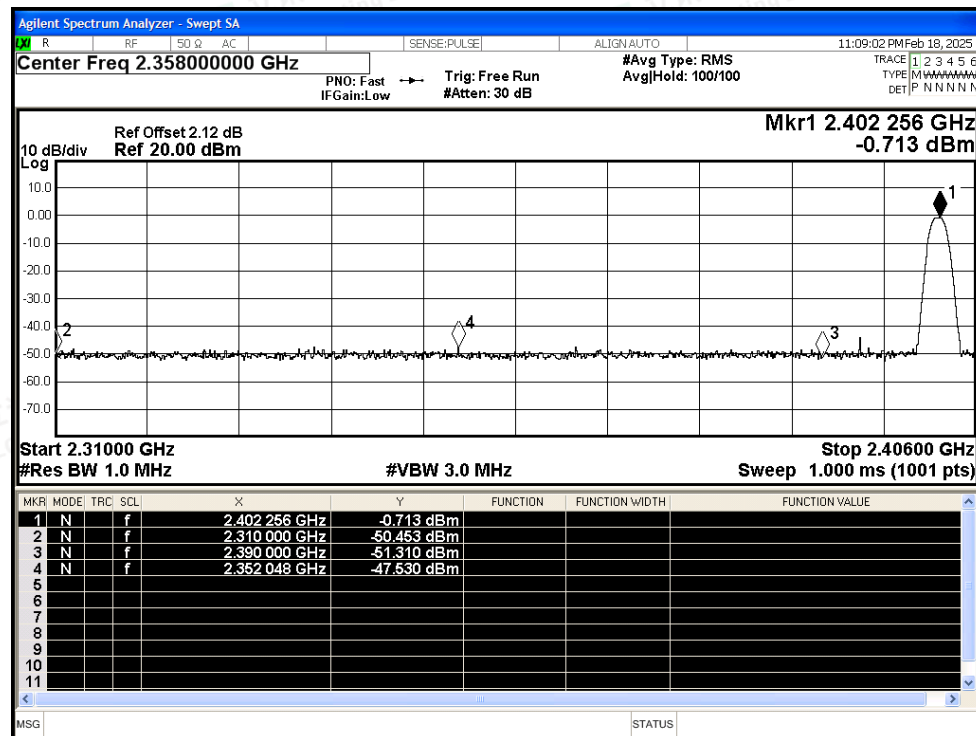
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

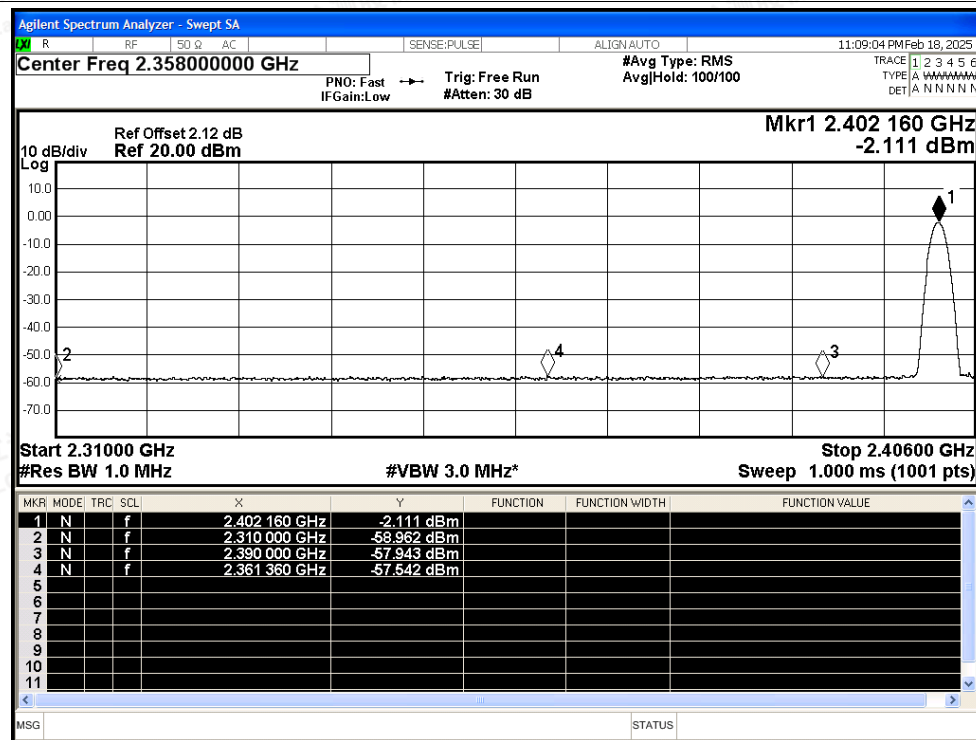


## Test Graphs

## Restrict Band NVNT 1-DH5 2402MHz Ant No-Hopping Peak



## Restrict Band NVNT 1-DH5 2402MHz Ant No-Hopping 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

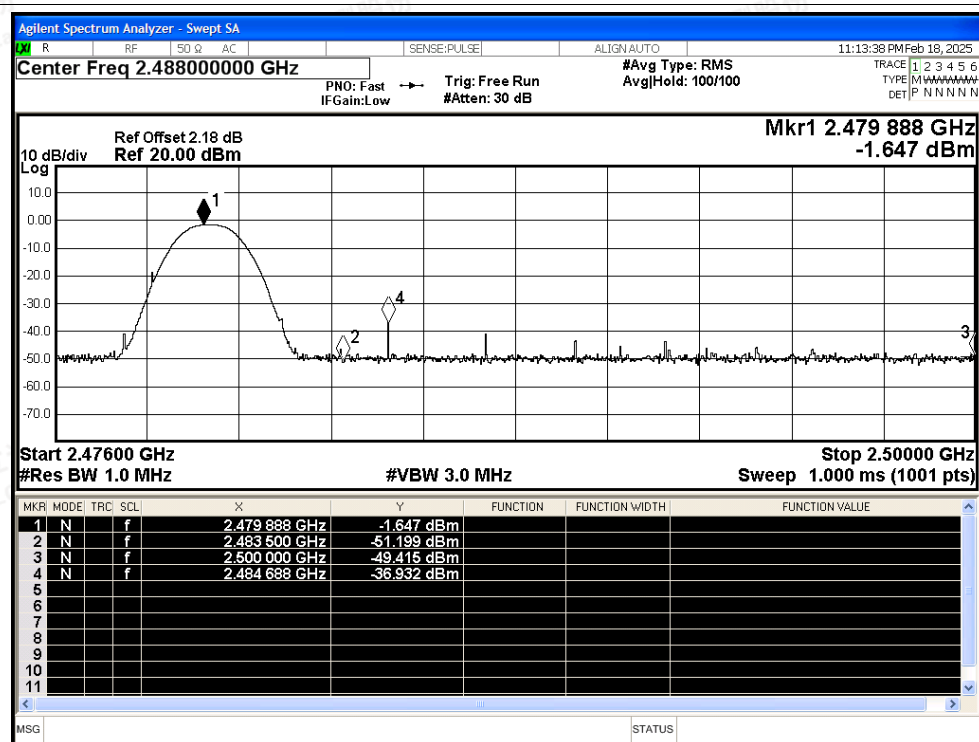
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

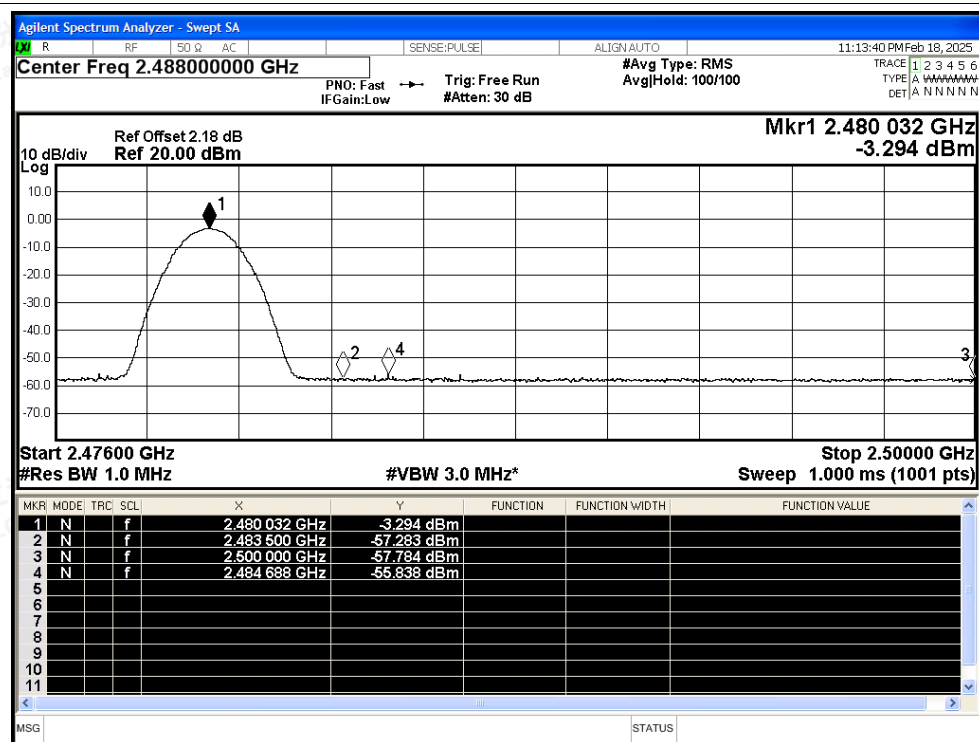




## Restrict Band NVNT 1-DH5 2480MHz Ant No-Hopping Peak



## Restrict Band NVNT 1-DH5 2480MHz Ant No-Hopping 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

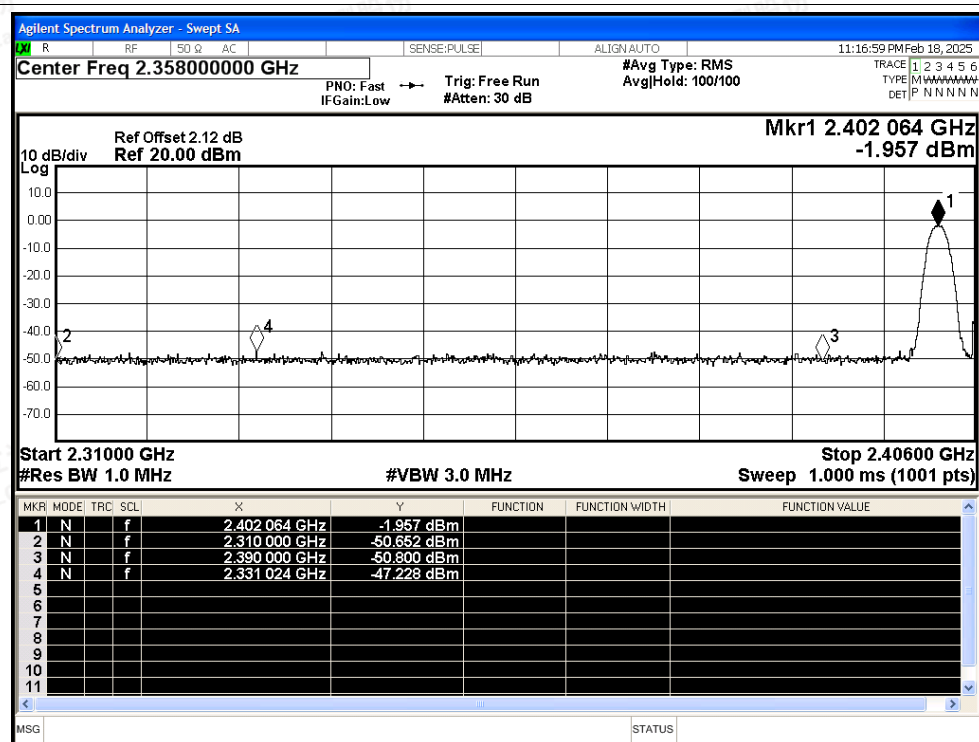
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

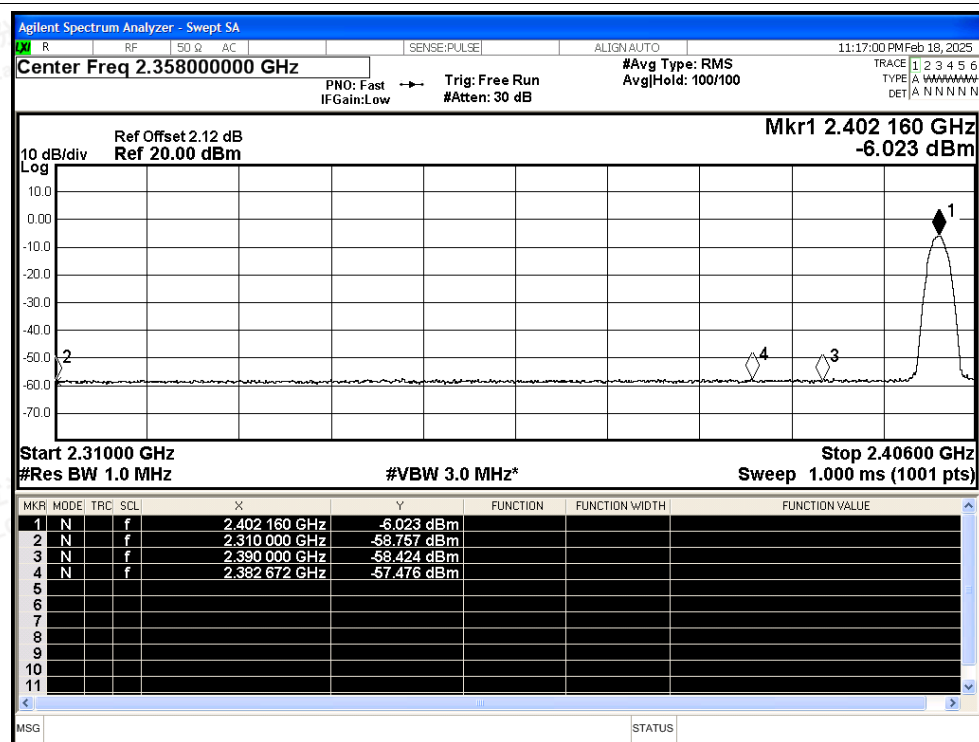




## Restrict Band NVNT 2-DH5 2402MHz Ant No-Hopping Peak



## Restrict Band NVNT 2-DH5 2402MHz Ant No-Hopping Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

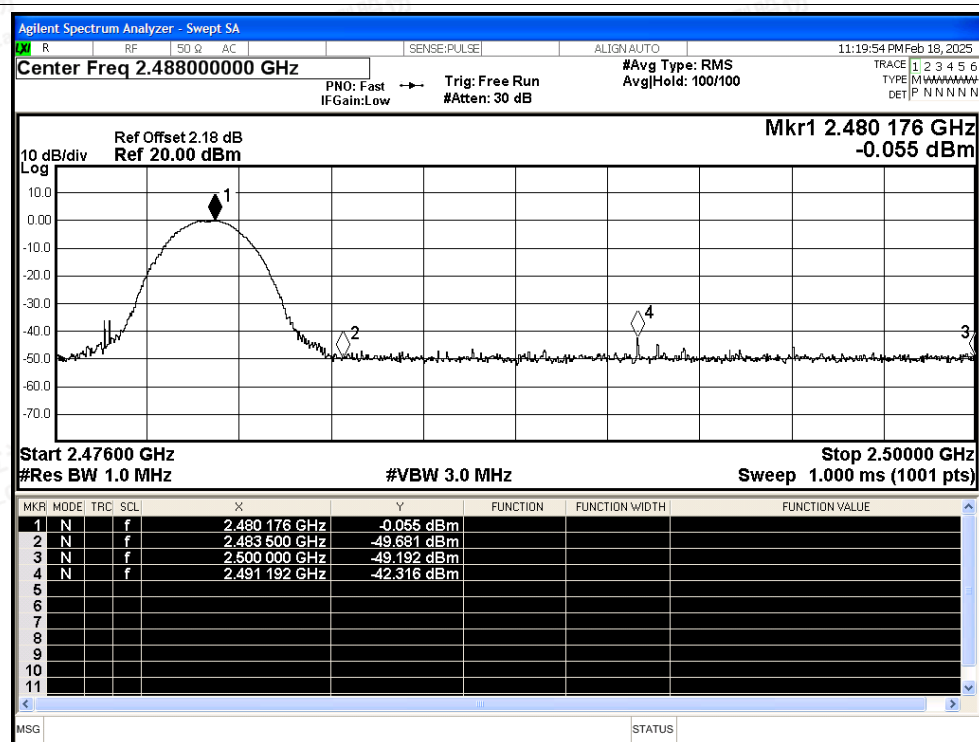
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

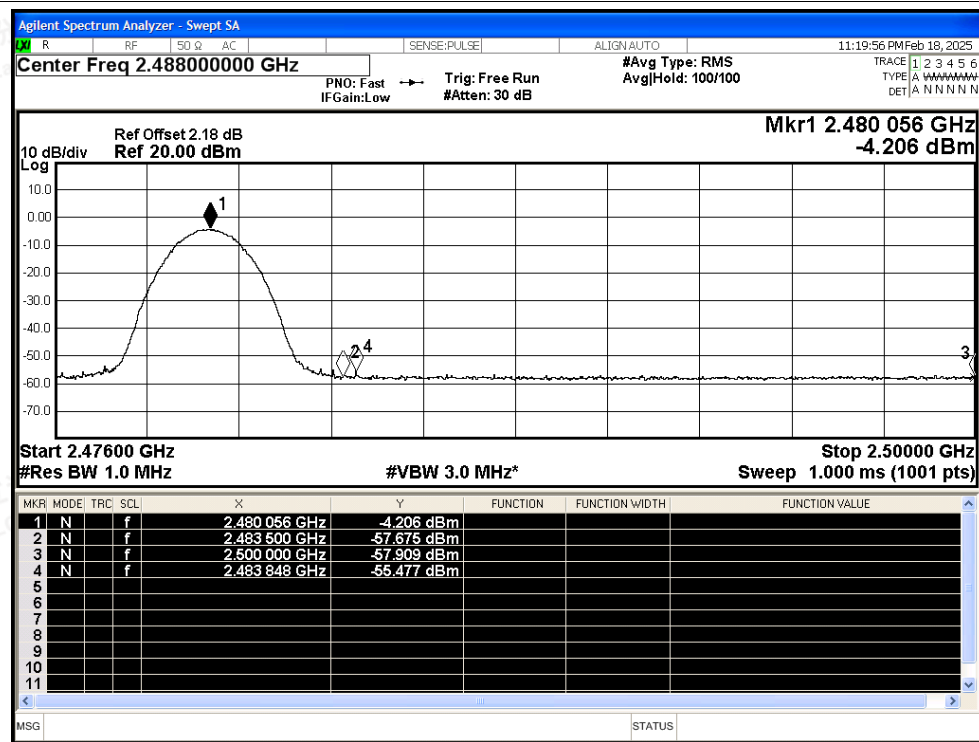
Scan code to check authenticity



## Restrict Band NVNT 2-DH5 2480MHz Ant No-Hopping Peak



## Restrict Band NVNT 2-DH5 2480MHz Ant No-Hopping Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

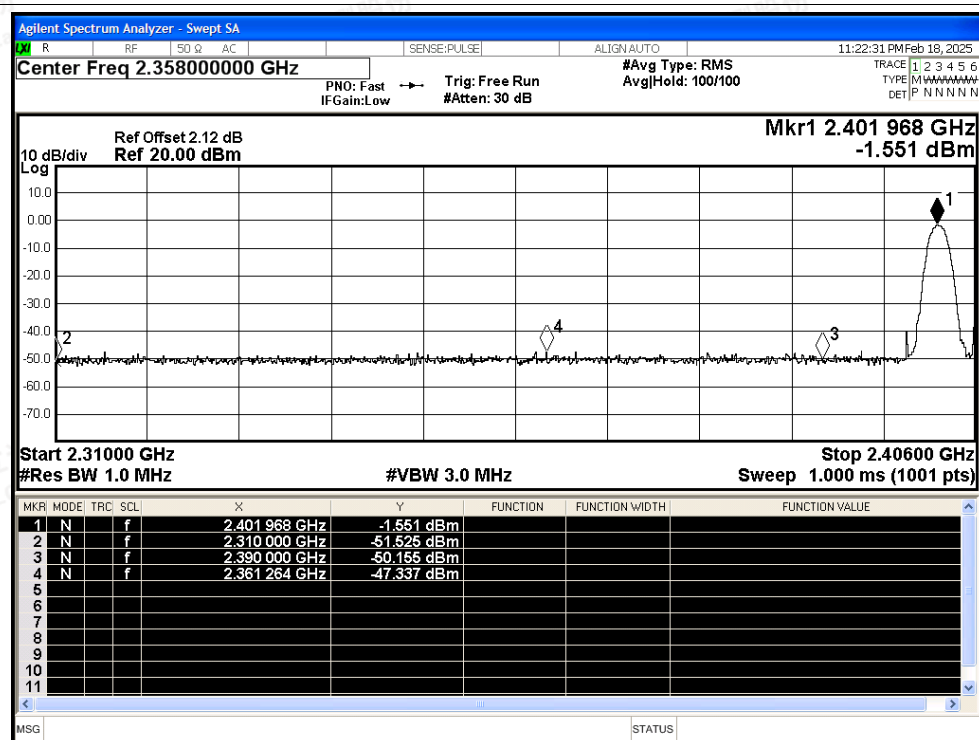
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

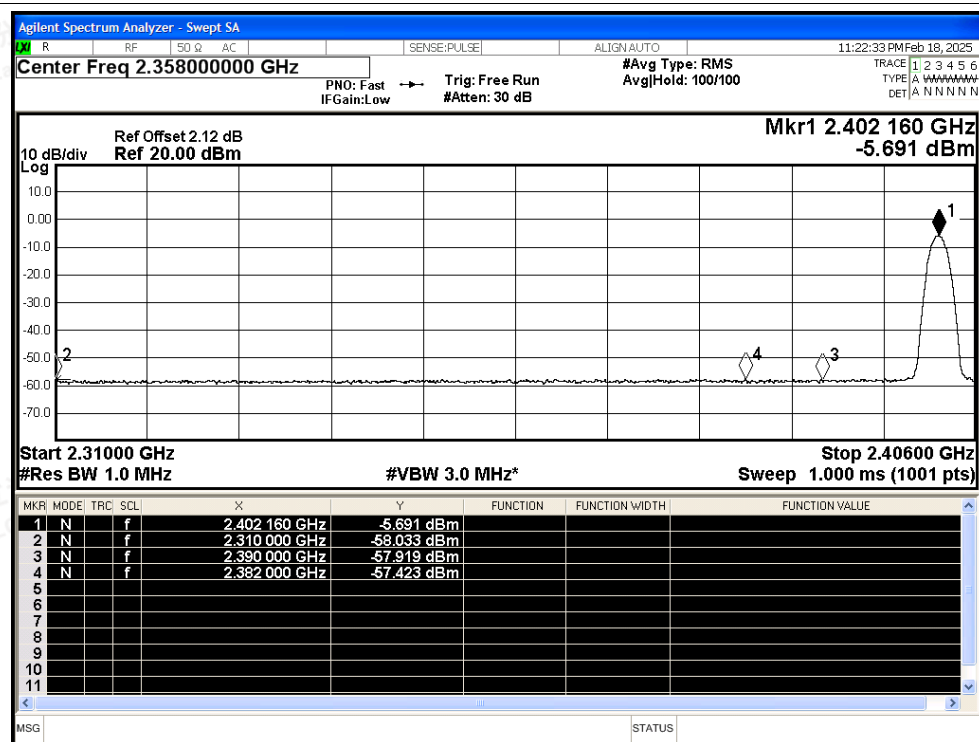
Scan code to check authenticity



## Restrict Band NVNT 3-DH5 2402MHz Ant No-Hopping Peak



## Restrict Band NVNT 3-DH5 2402MHz Ant No-Hopping Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

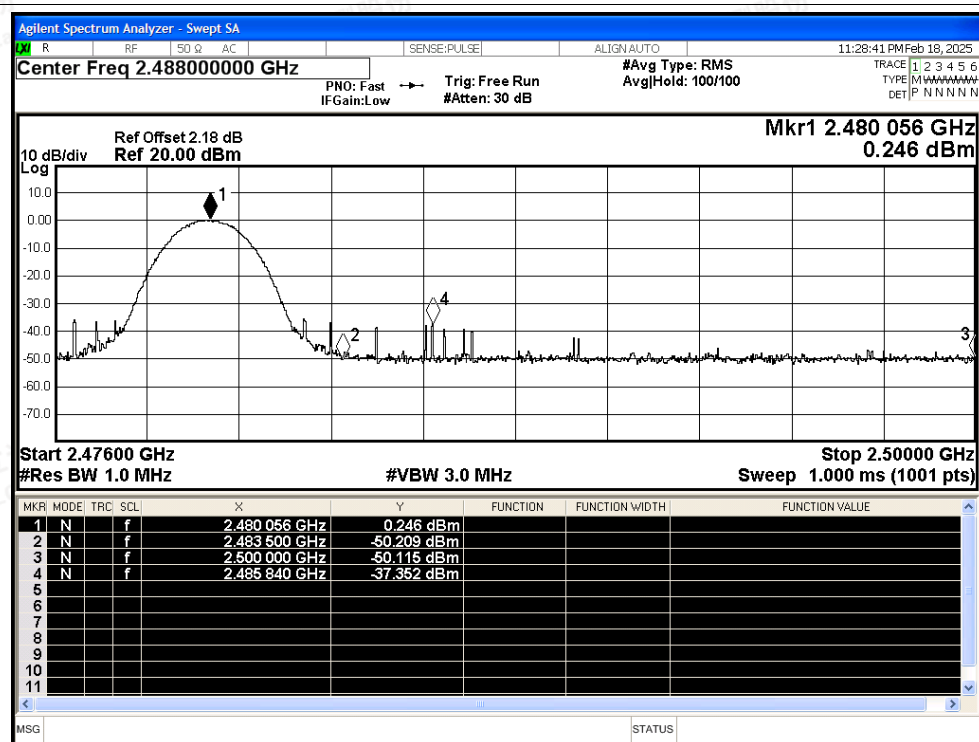
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

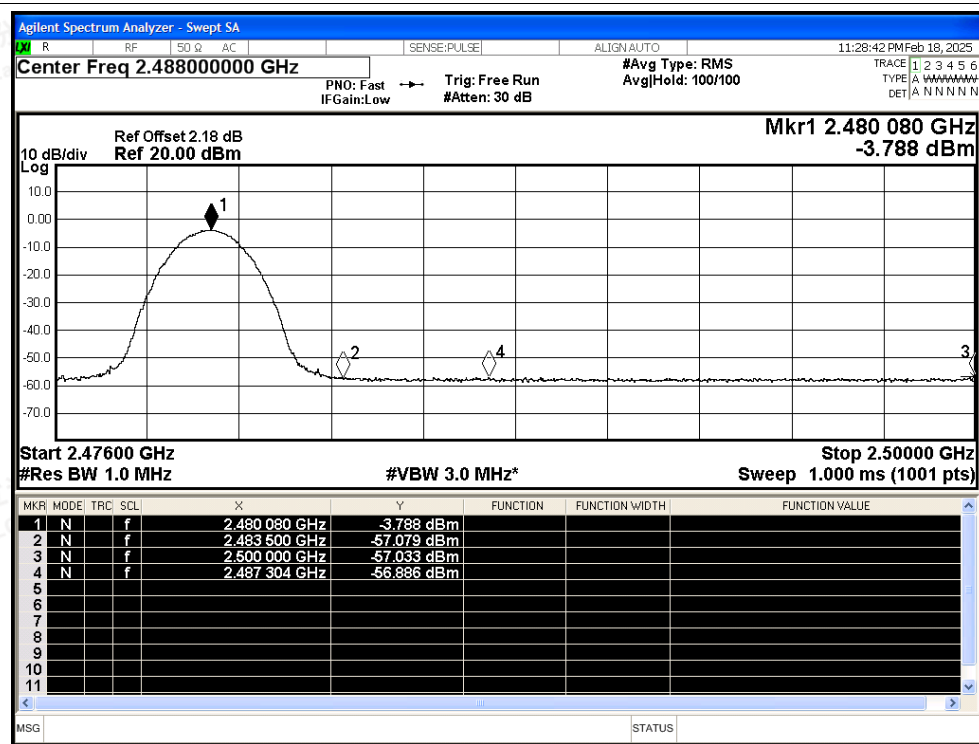
Scan code to check authenticity



## Restrict Band NVNT 3-DH5 2480MHz Ant No-Hopping Peak



## Restrict Band NVNT 3-DH5 2480MHz Ant No-Hopping 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