



## Appendix A

### RF Test Data for BT (Conducted Measurement)

Product Name: Smart Phone

Test Model: BraX3

#### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8°C     |
| Relative Humidity: | 52.1%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| 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     | 0.954                  | N/A                          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | 1.016                  | N/A                          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | 0.962                  | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | 1.282                  | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | 1.283                  | N/A                          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | 1.289                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | 1.298                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | 1.295                  | N/A                          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | 1.295                  | N/A                          | Pass    |



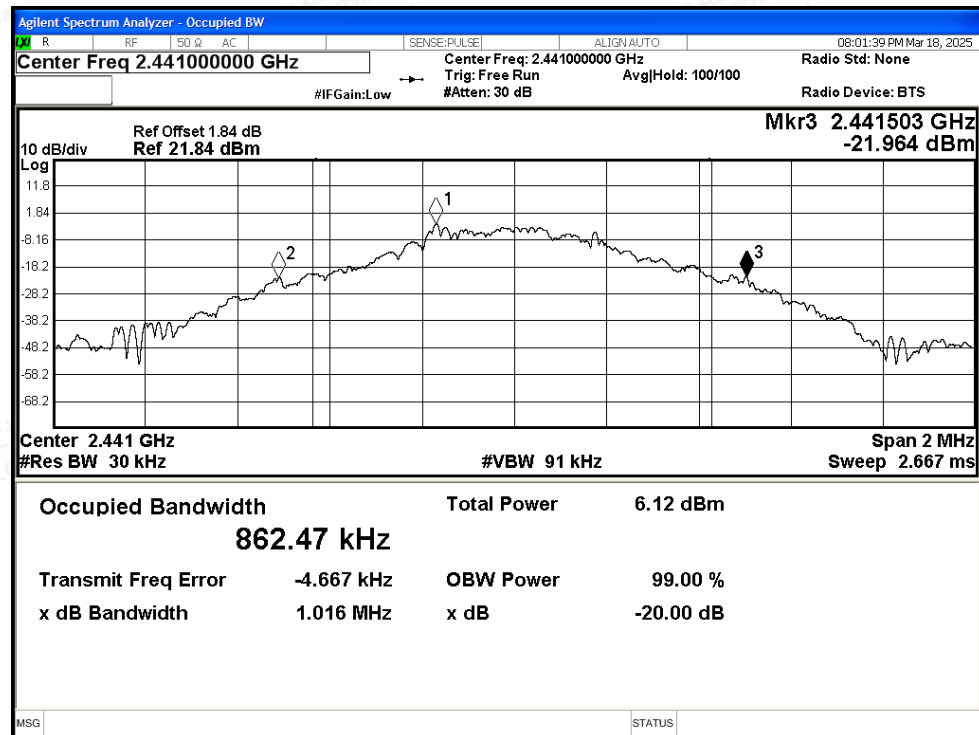


## Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant



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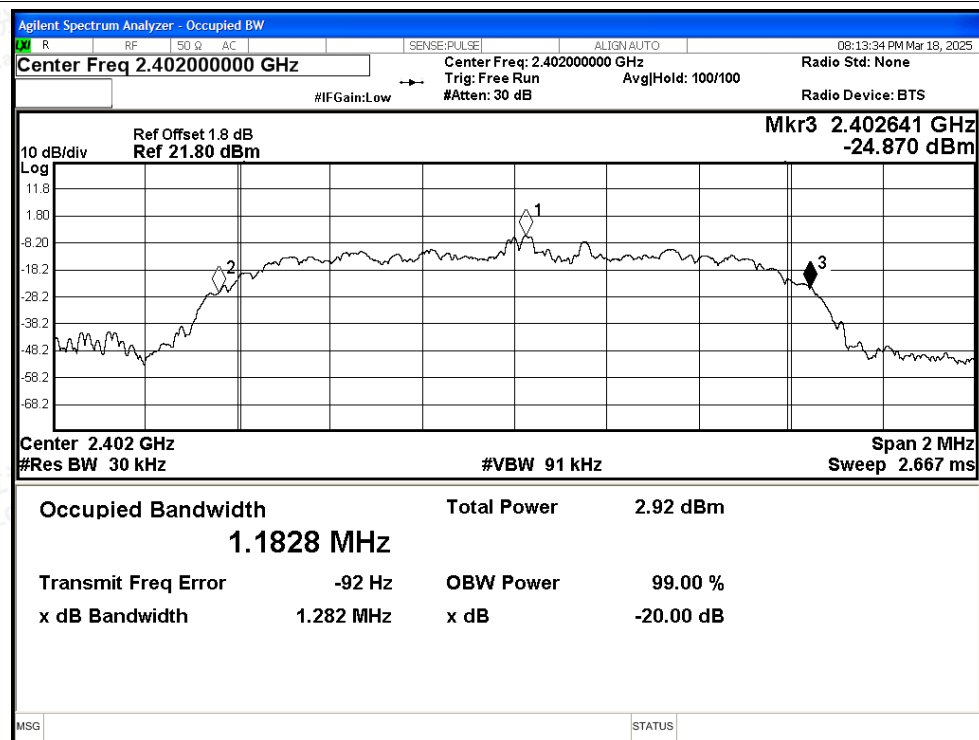
Scan code to check authenticity



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



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



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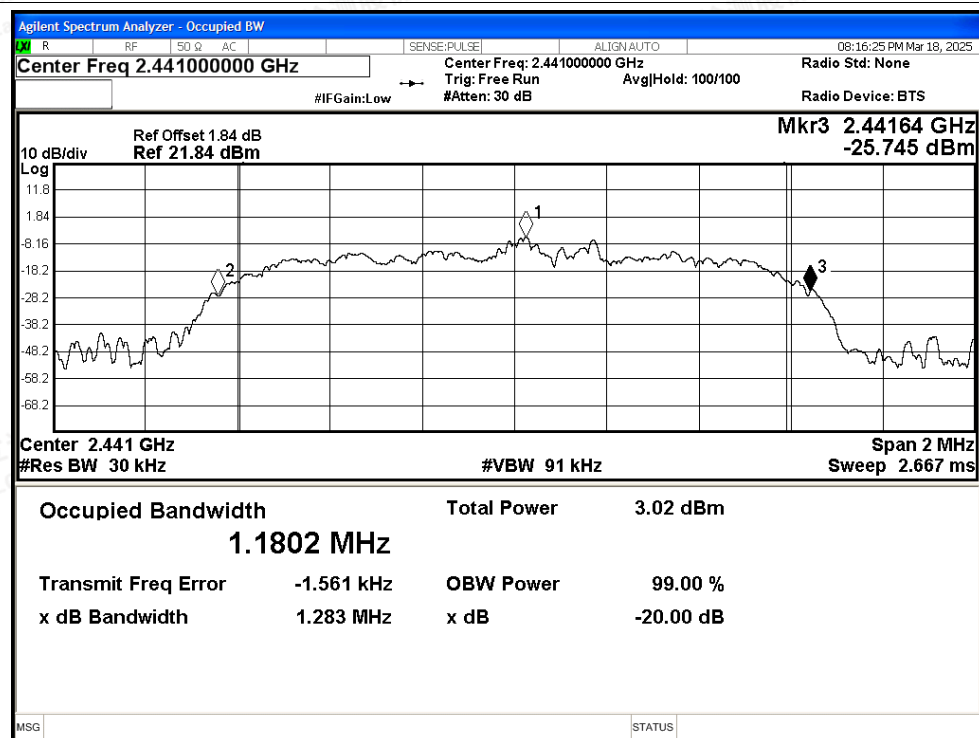
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

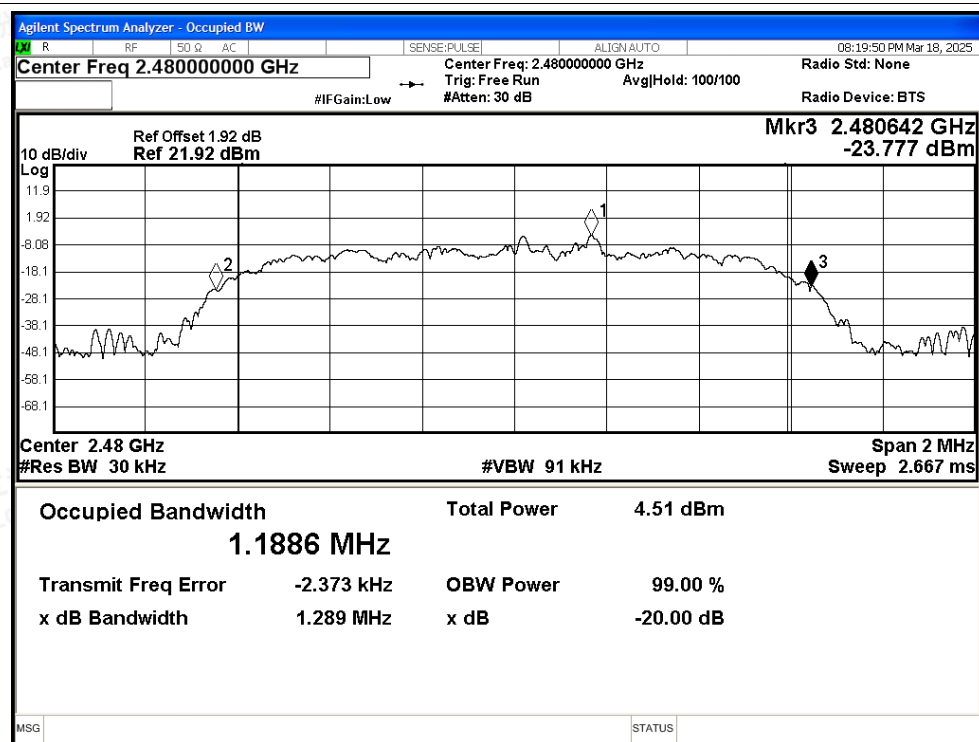
Scan code to check authenticity



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



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



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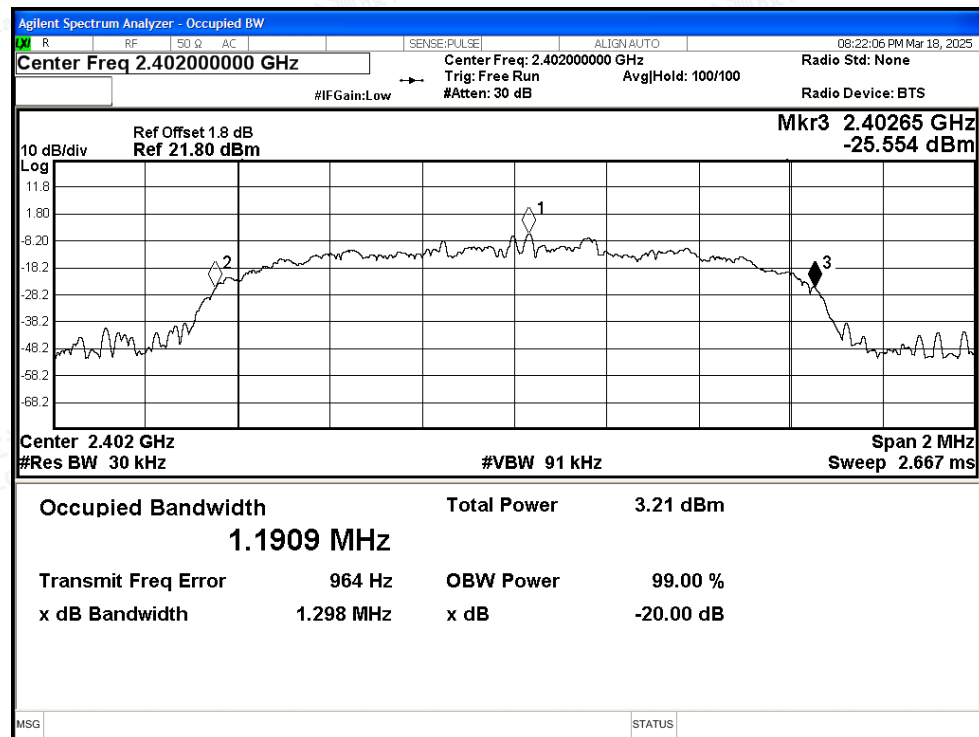
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

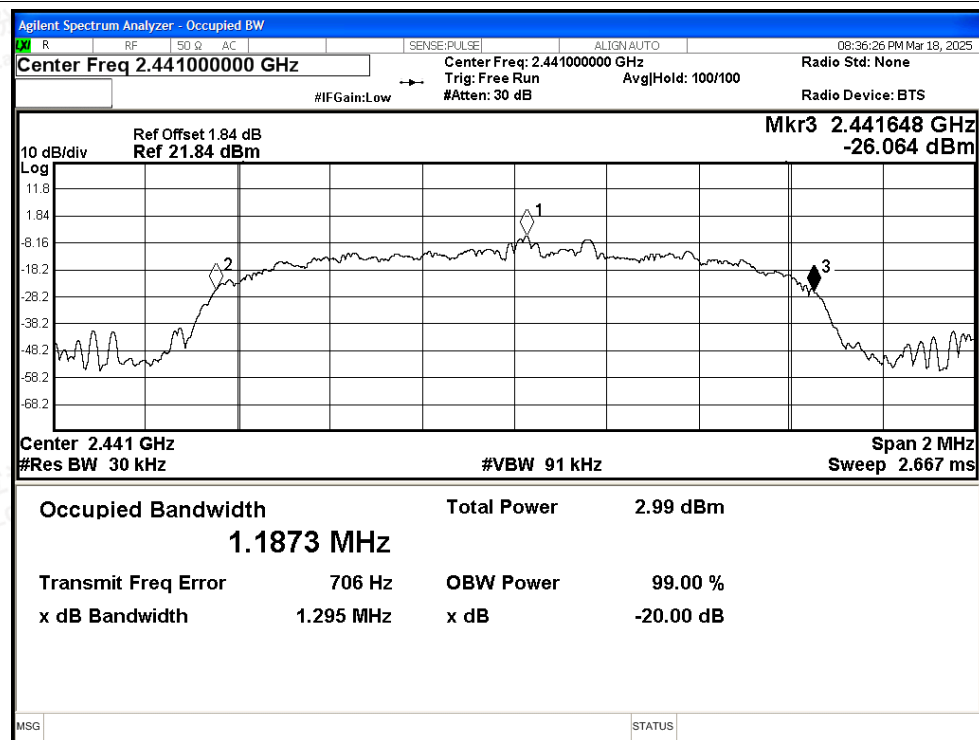
Scan code to check authenticity



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



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

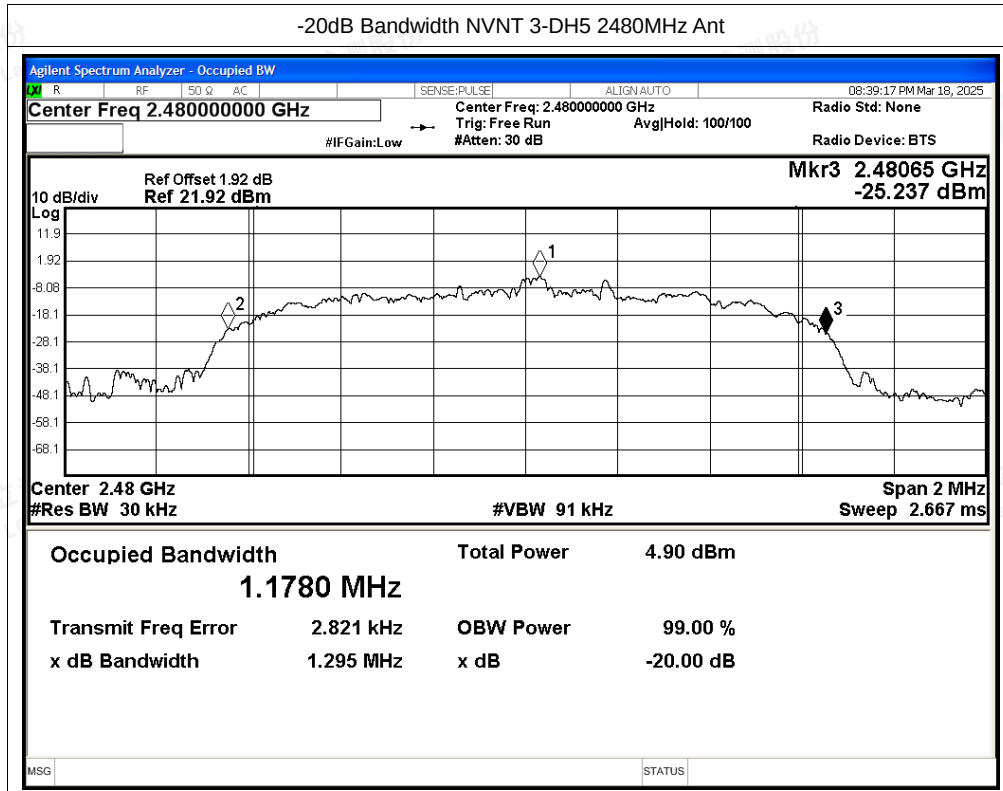


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## A.2 Maximum Peak Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | -0.68                 | 21          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | -0.27                 | 21          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | -1.3                  | 21          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | -1.21                 | 21          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | -1.57                 | 21          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | 0.37                  | 21          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | -0.78                 | 21          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | -1.31                 | 21          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | 0.68                  | 21          | Pass    |

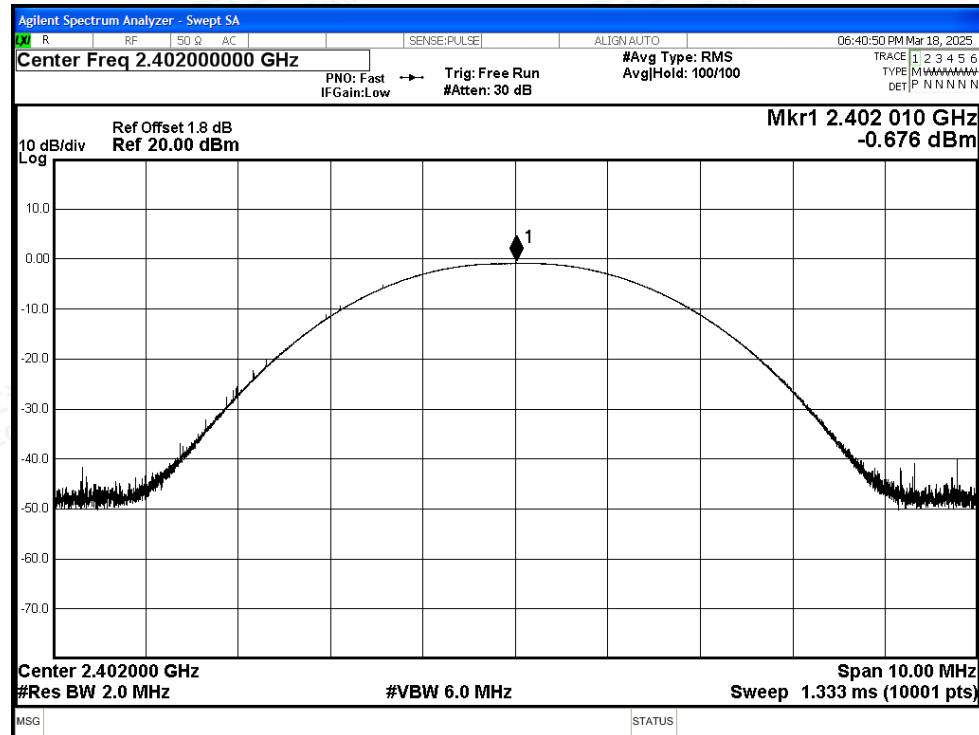




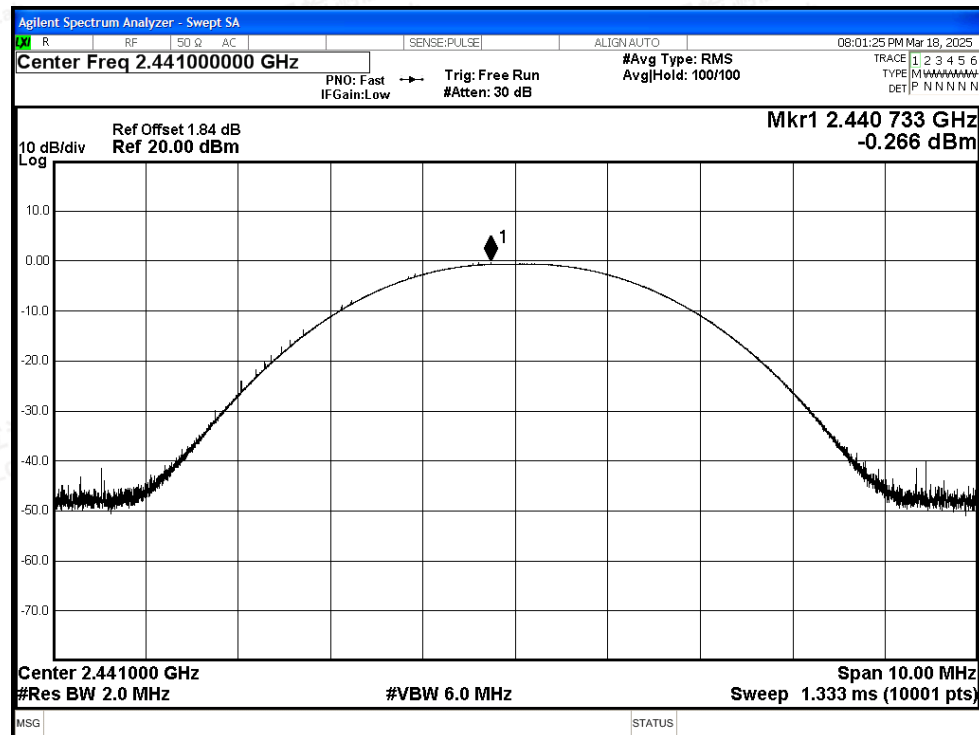


## Test Graphs

## Power NVNT 1-DH5 2402MHz Ant



## Power NVNT 1-DH5 2441MHz Ant

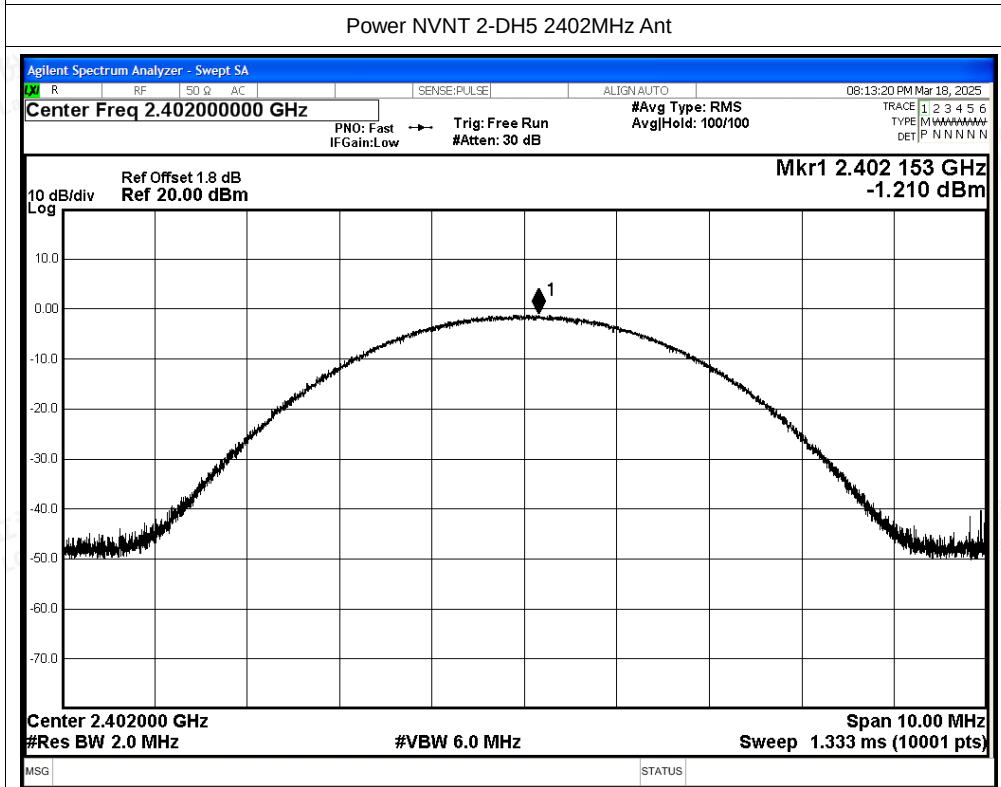
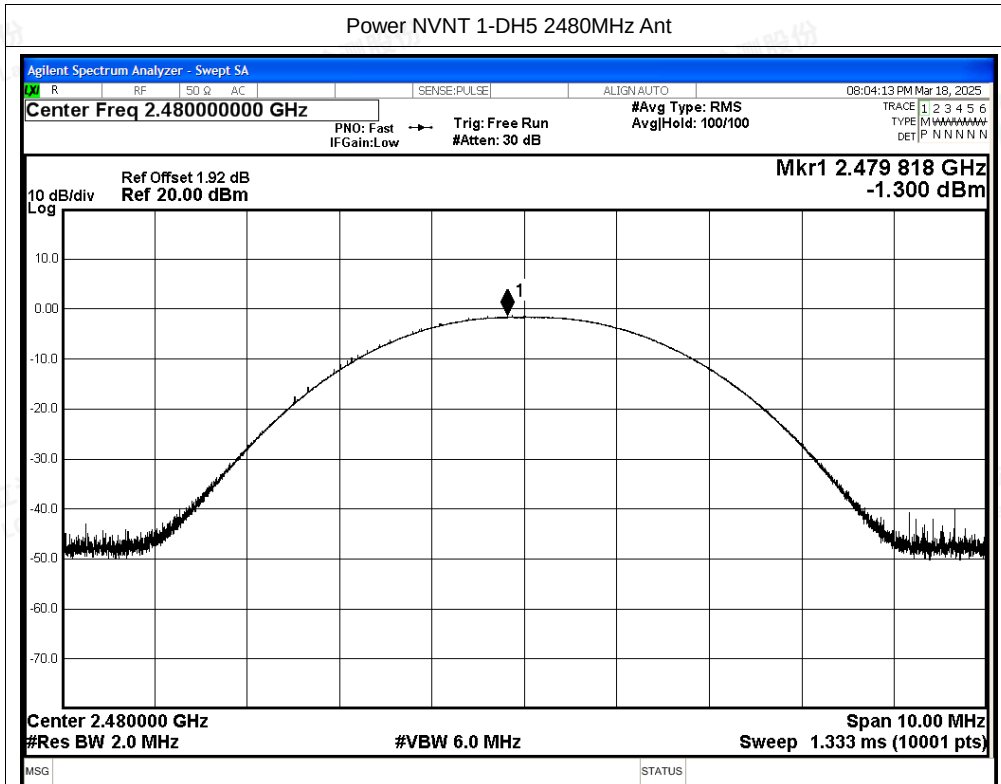


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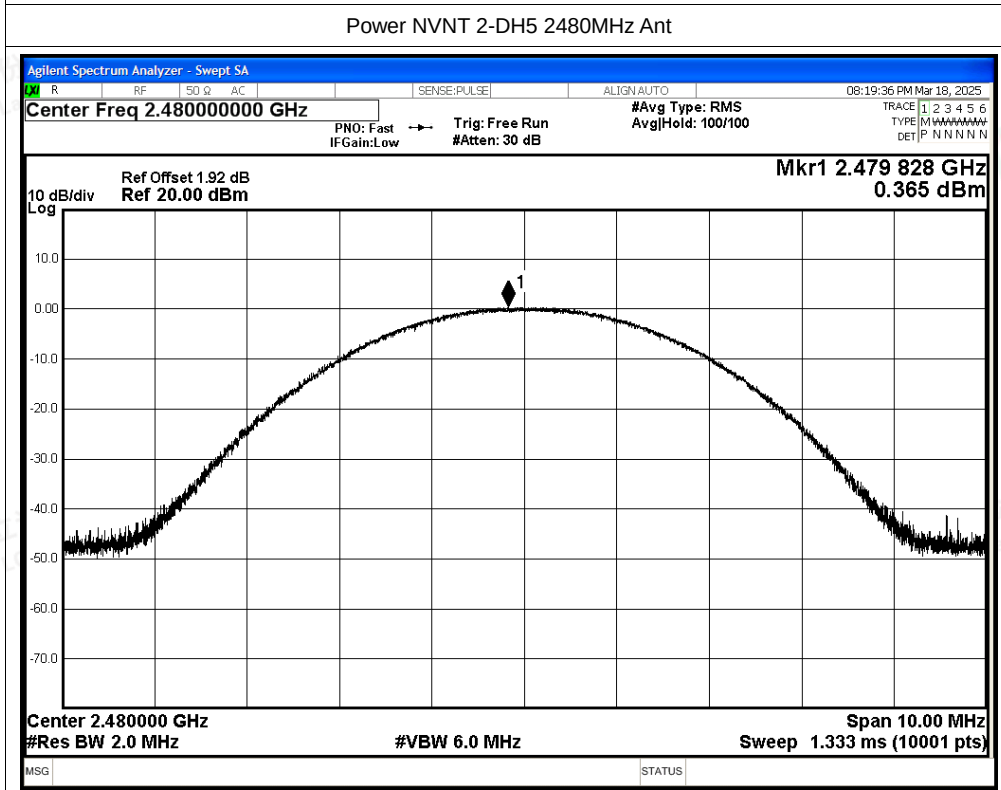
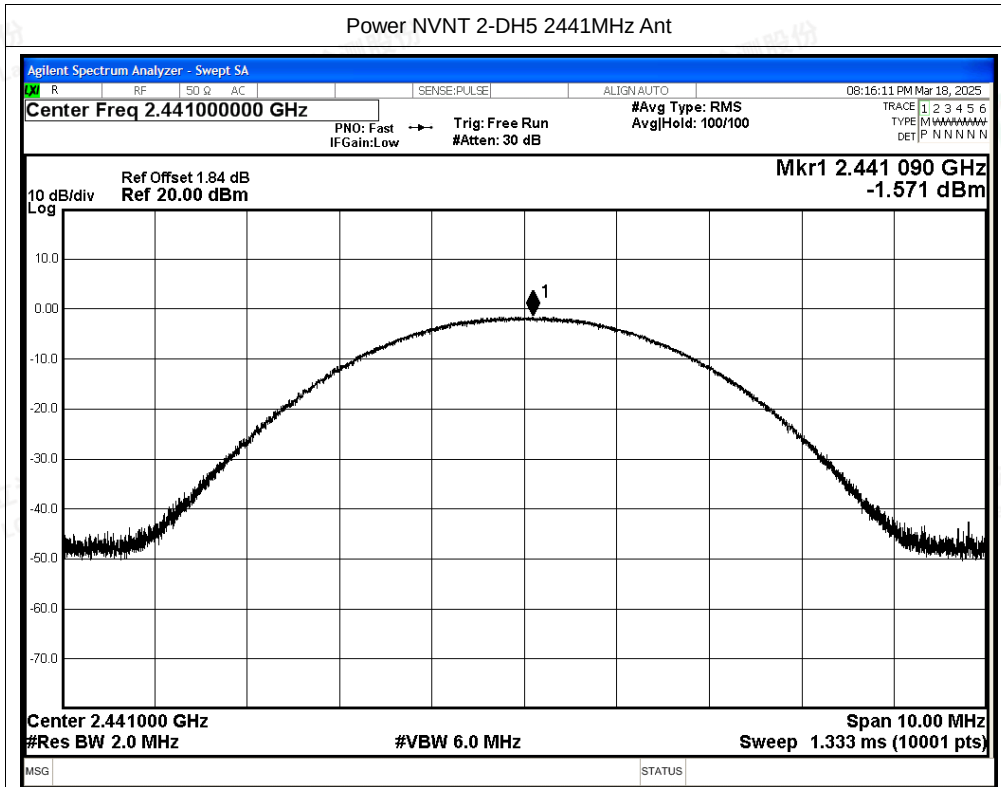


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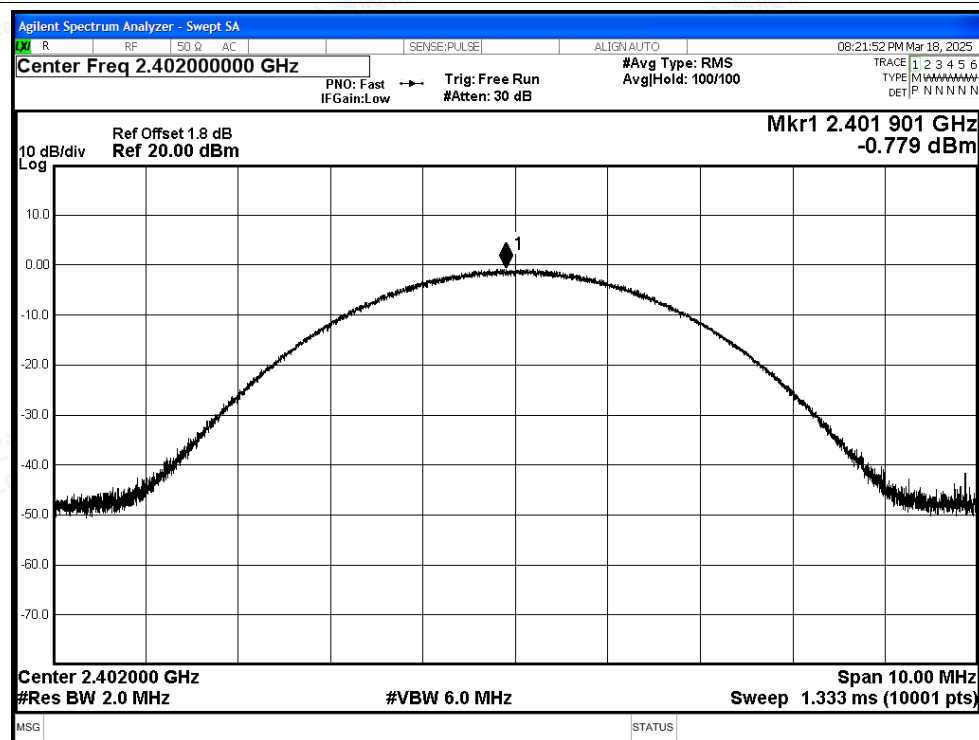
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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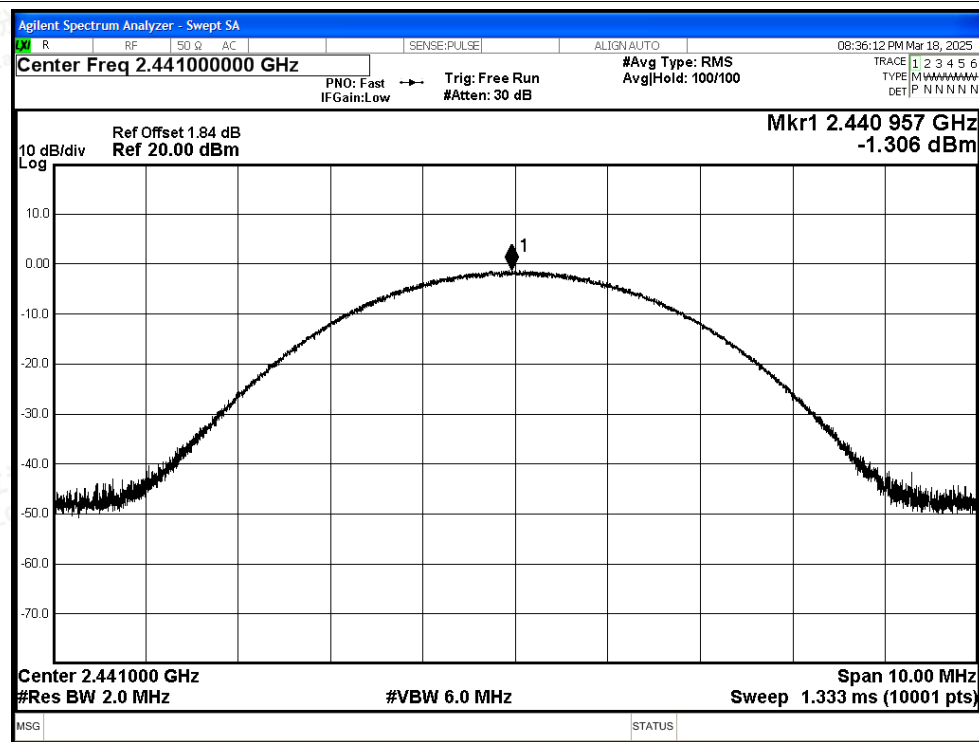
Scan code to check authenticity



## Power NVNT 3-DH5 2402MHz Ant



## Power NVNT 3-DH5 2441MHz Ant

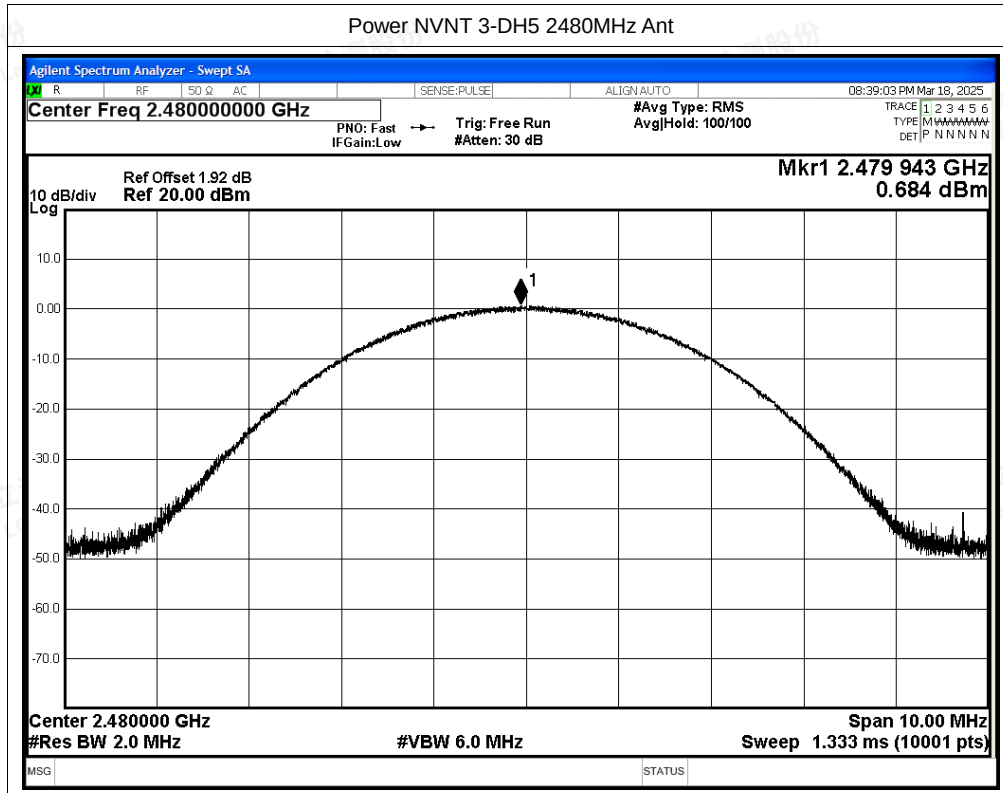


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### A.3 Carrier Frequencies Separation

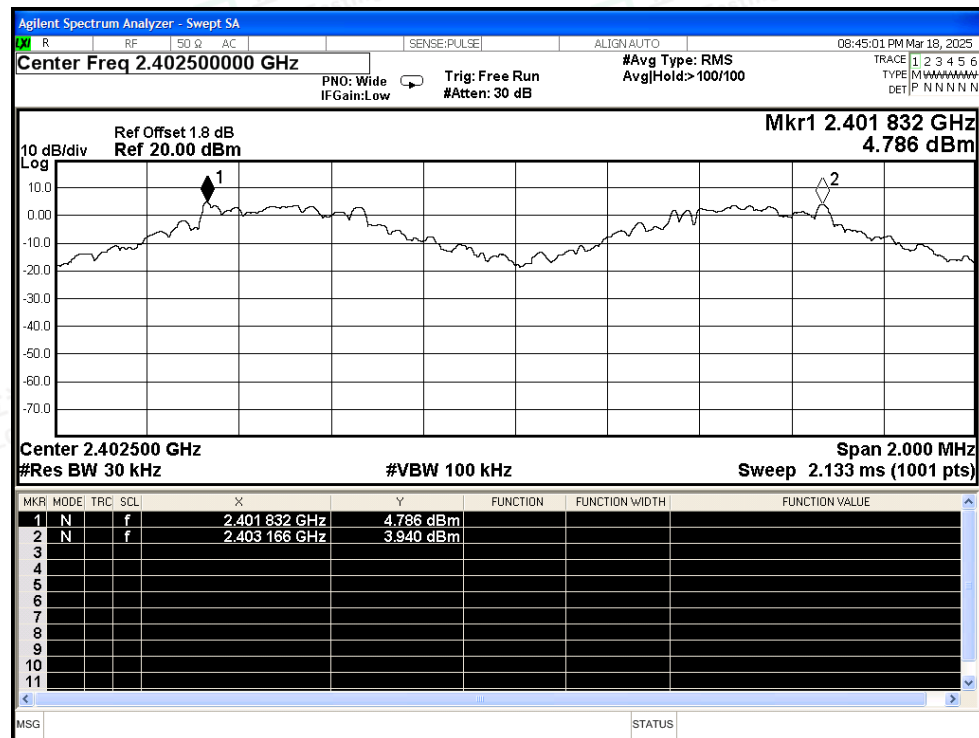
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant     | 2401.832            | 2403.166            | 1.334     | 0.677       | Pass    |
| NVNT      | 2-DH5 | Ant     | 2402.016            | 2403.032            | 1.016     | 0.859       | Pass    |
| NVNT      | 3-DH5 | Ant     | 2402.028            | 2403.006            | 0.978     | 0.865       | Pass    |



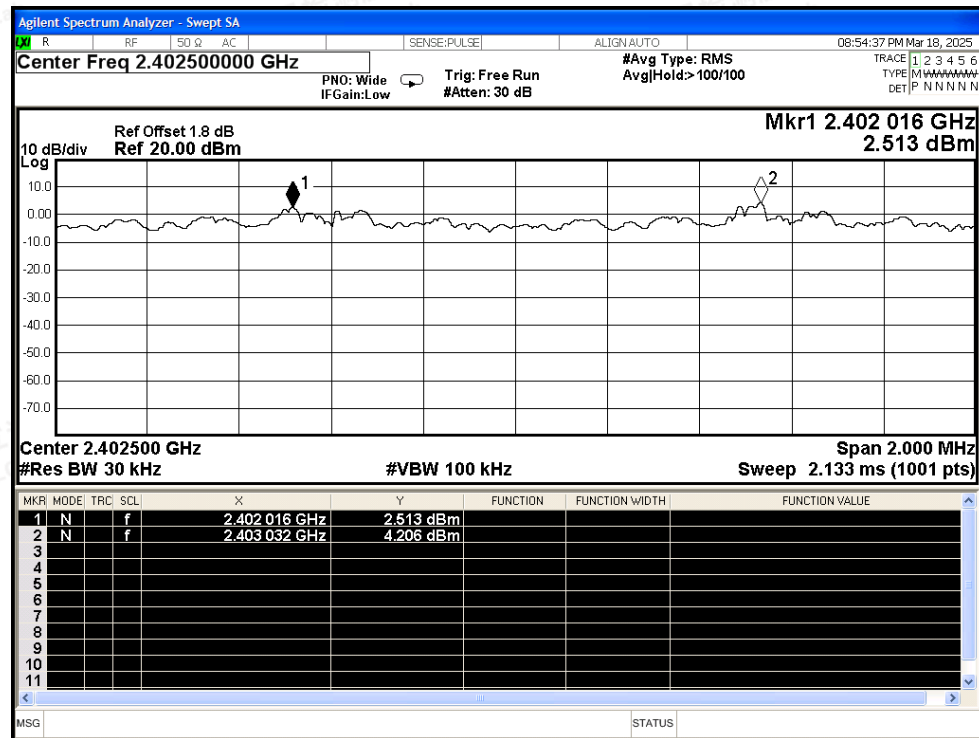


## Test Graphs

## CFS NVNT 1-DH5 2402MHz Ant



## CFS NVNT 2-DH5 2402MHz Ant

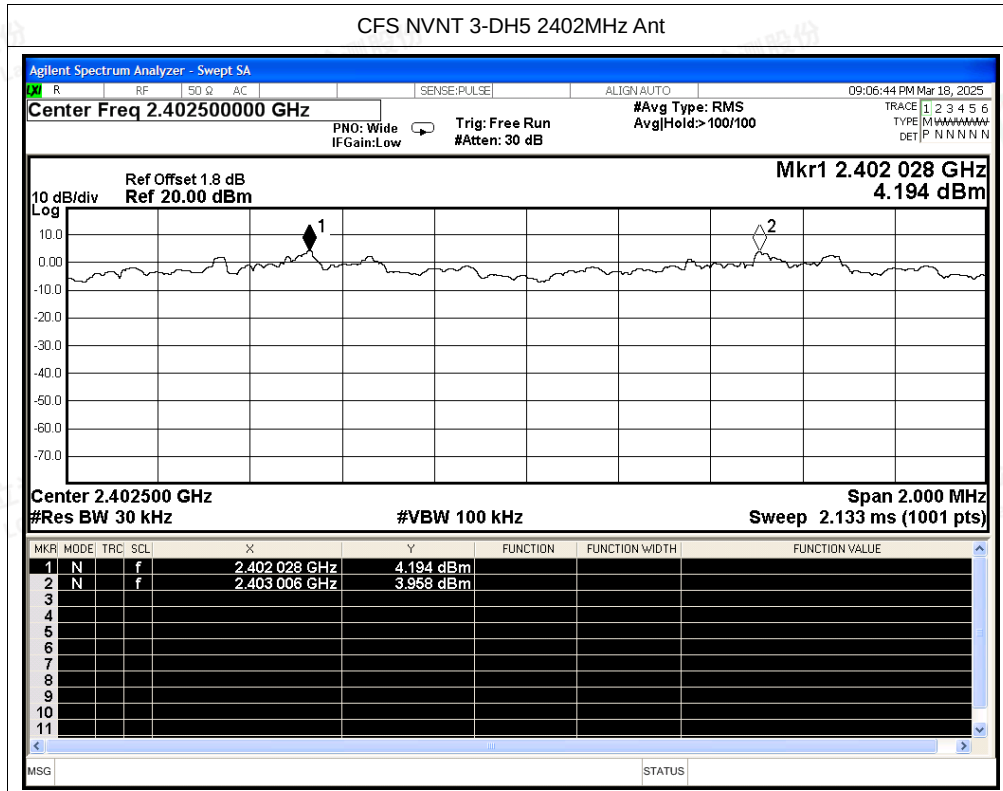


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## A.4 Dwell Time

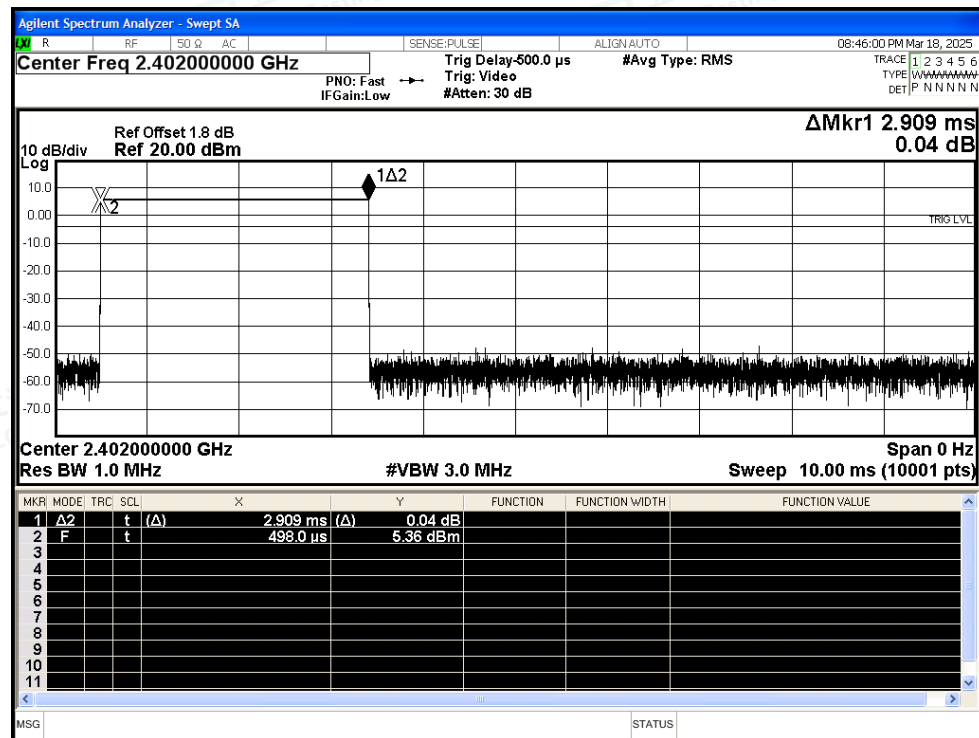
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse Time<br>(ms) | Total Dwell Time<br>(ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|--------------------|--------------------------|----------------|---------------------|---------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant     | 2.909              | 314.172                  | 108            | 31600               | 400           | Pass    |
| NVNT      | 2-DH5 | 2402               | Ant     | 2.899              | 301.496                  | 104            | 31600               | 400           | Pass    |
| NVNT      | 3-DH5 | 2402               | Ant     | 2.897              | 330.258                  | 114            | 31600               | 400           | Pass    |



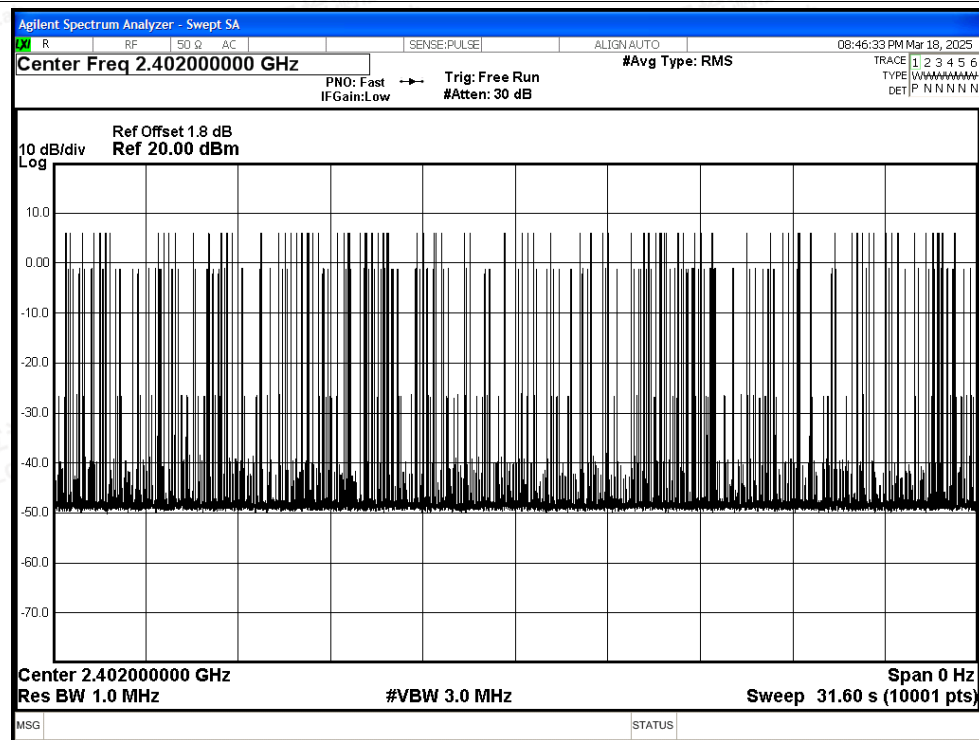


## Test Graphs

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



## Dwell NVNT 1-DH5 2402MHz Ant Accumulated



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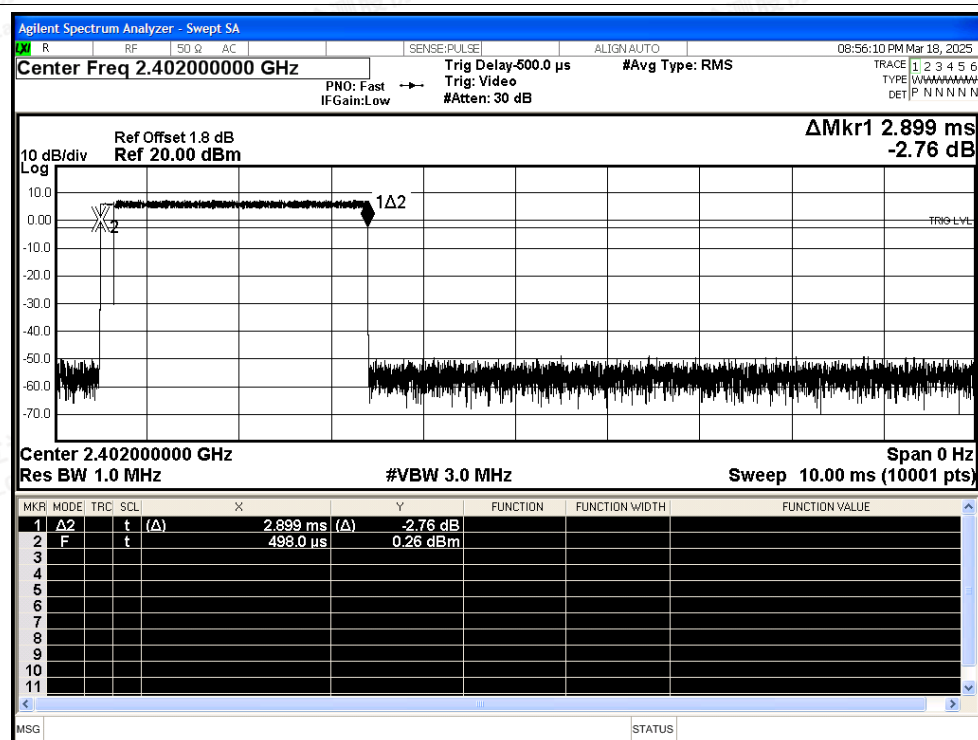
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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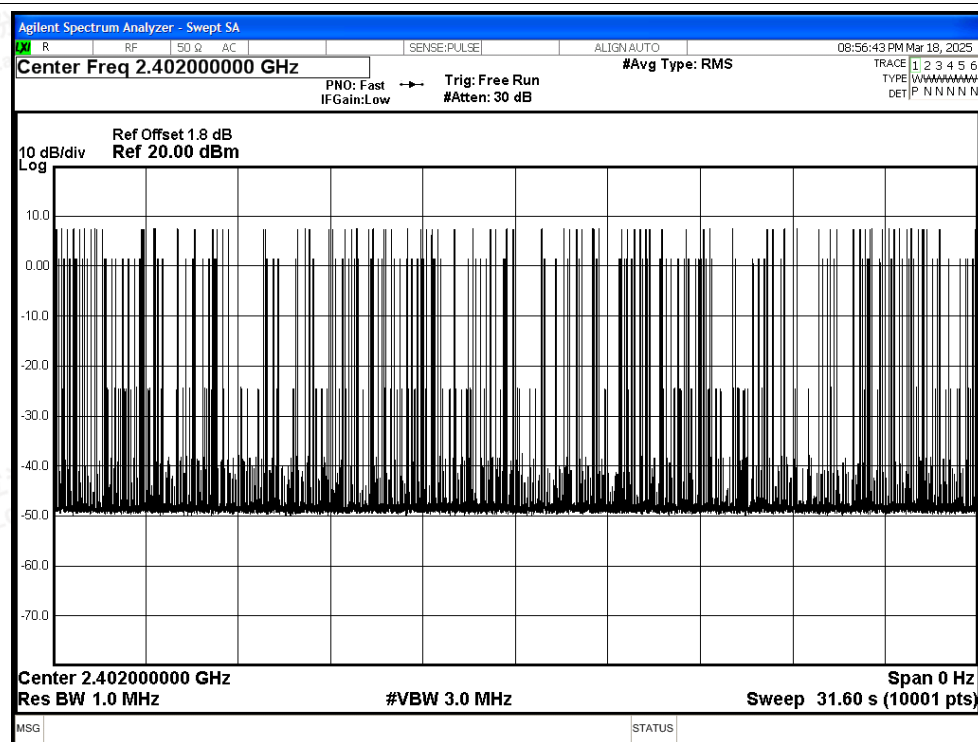
Scan code to check authenticity



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



## Dwell NVNT 2-DH5 2402MHz Ant Accumulated



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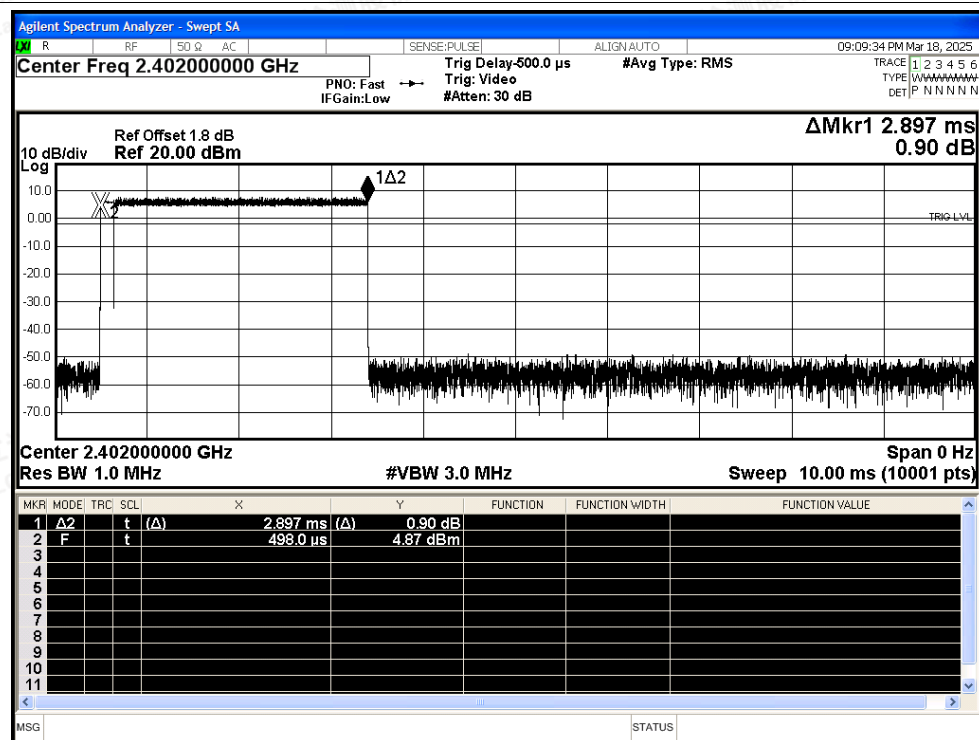
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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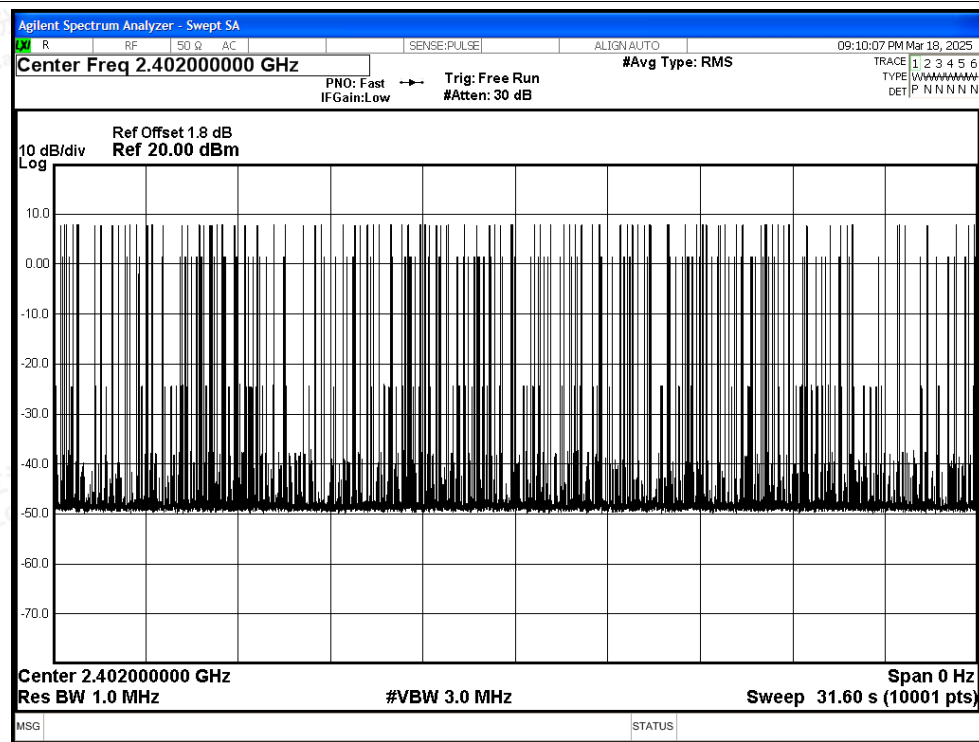
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## Dwell NVNT 3-DH5 2402MHz Ant One Burst



## Dwell NVNT 3-DH5 2402MHz Ant Accumulated



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## A.5 Number of Hopping Channel

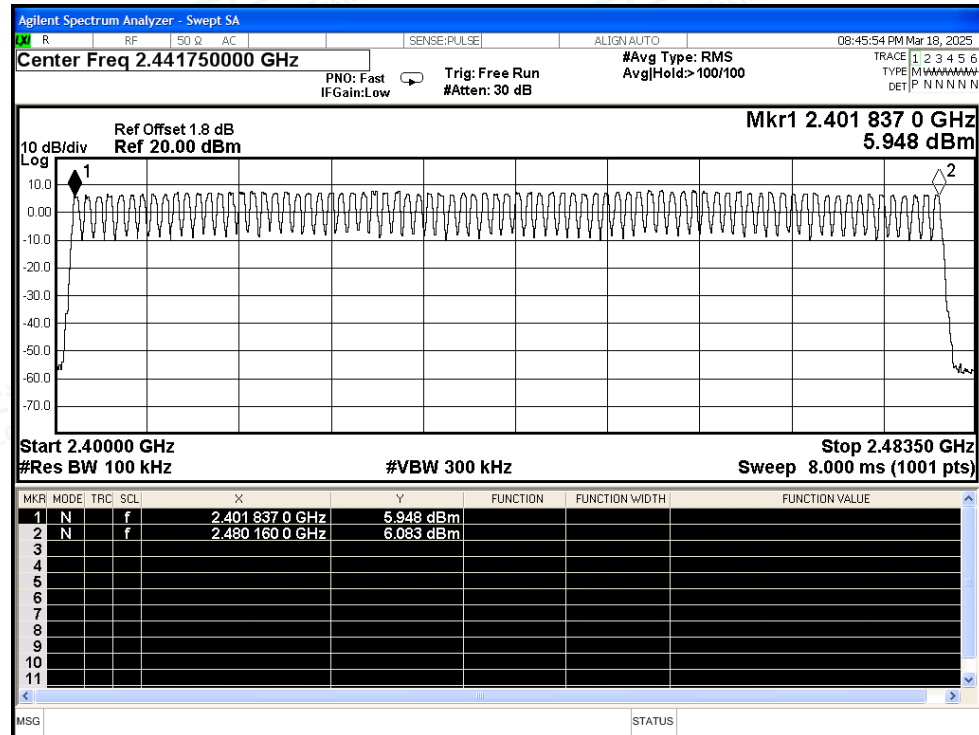
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant     | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant     | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant     | 79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



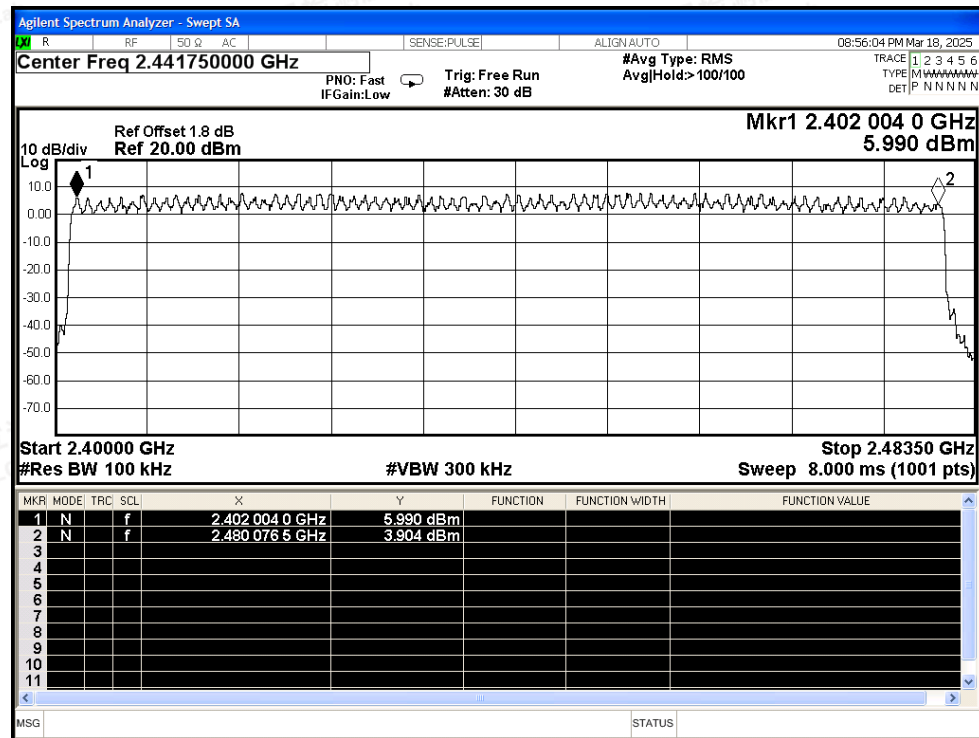


## Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant



Hopping No. NVNT 2-DH5 2402MHz Ant

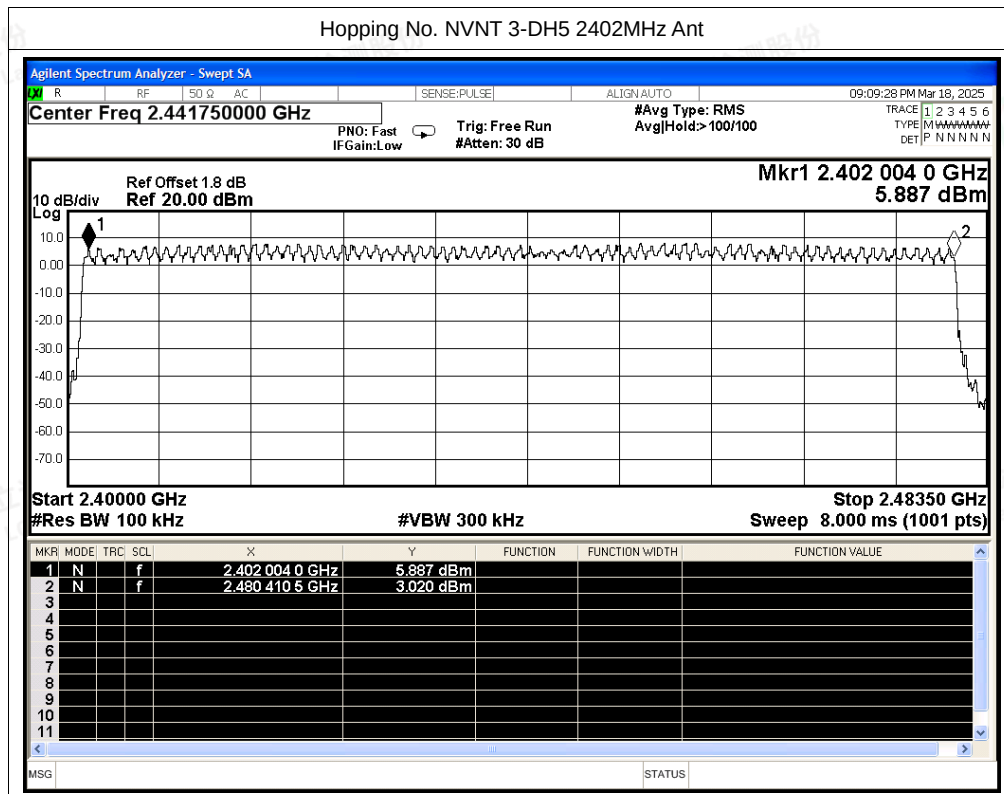


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## A.6 Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | -55.95          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | -55.67          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | -52.75          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | -54.28          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | -49.81          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | -55.6           | -20         | Pass    |

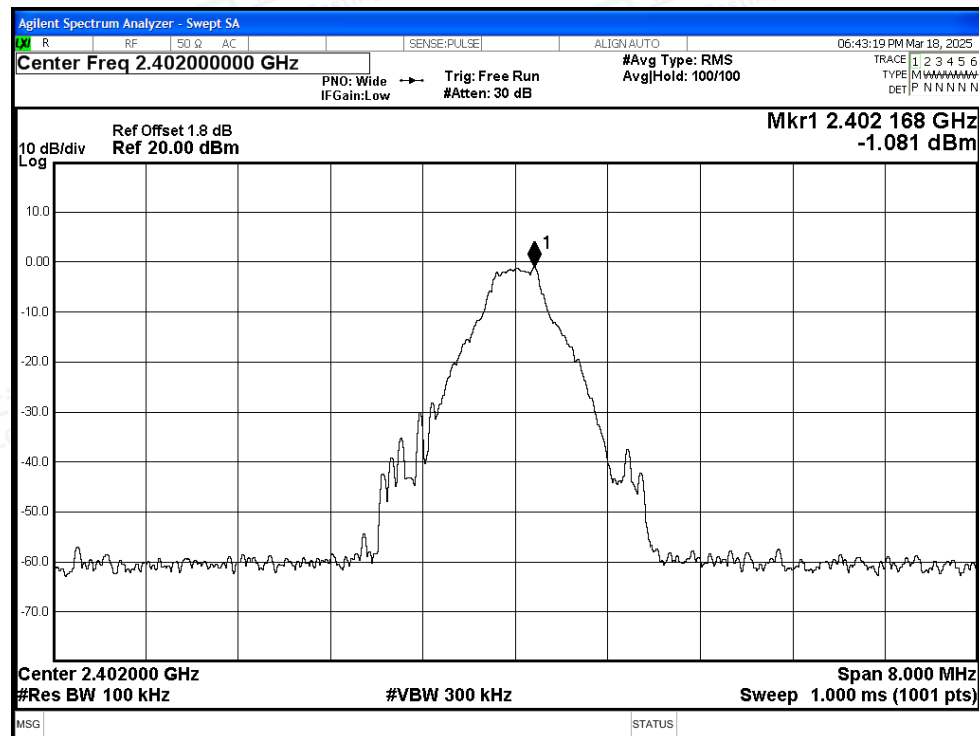




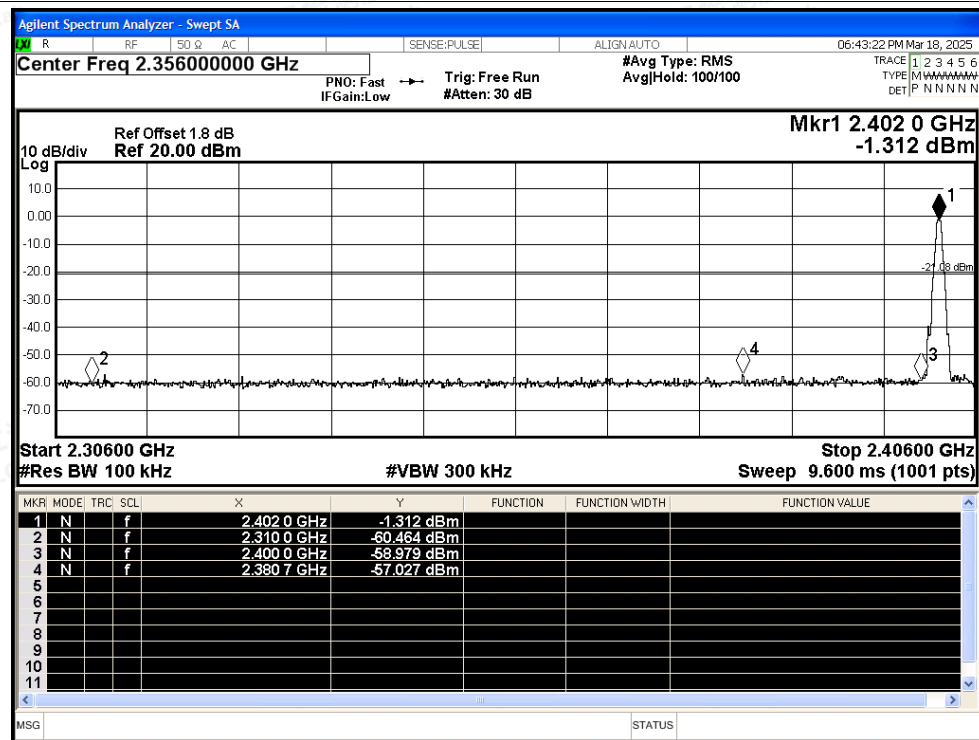


## Test Graphs

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



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



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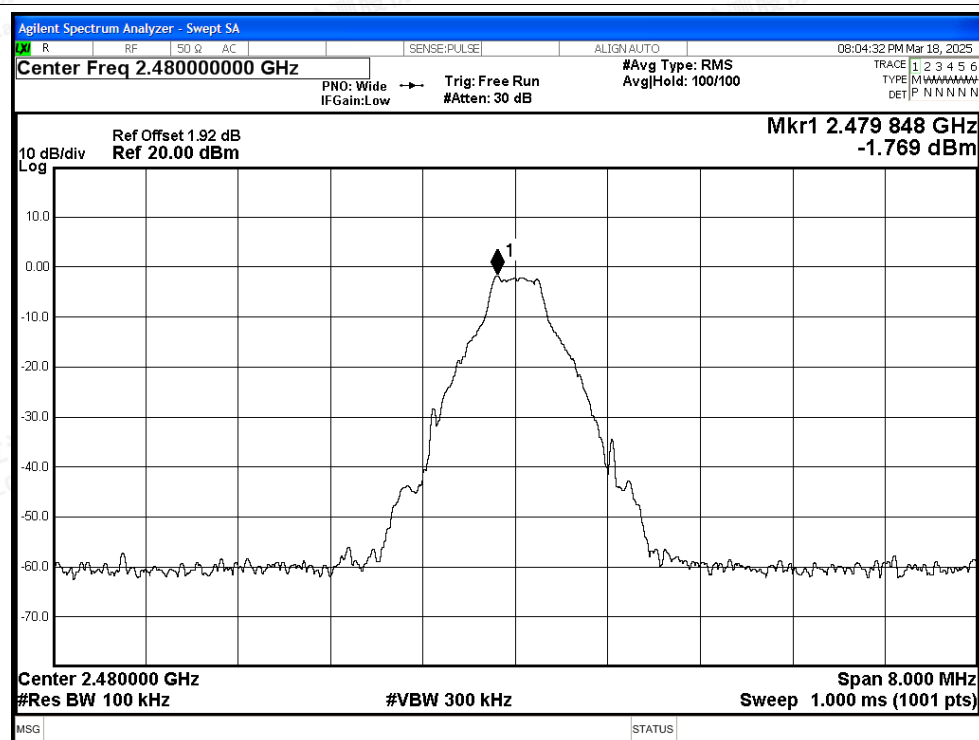
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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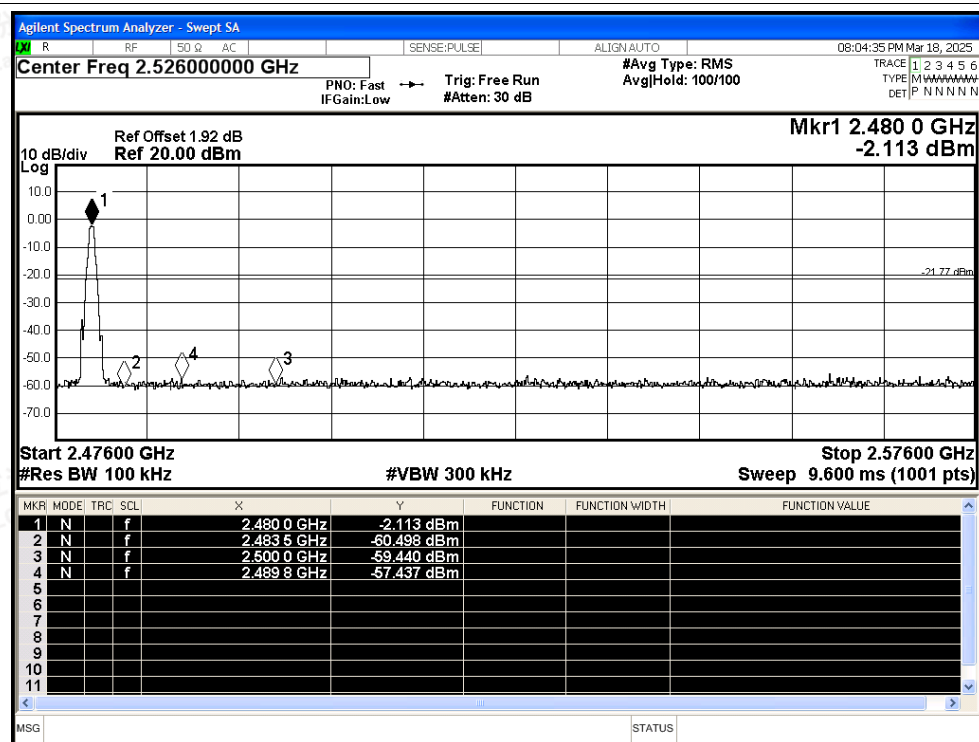
Scan code to check authenticity



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



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



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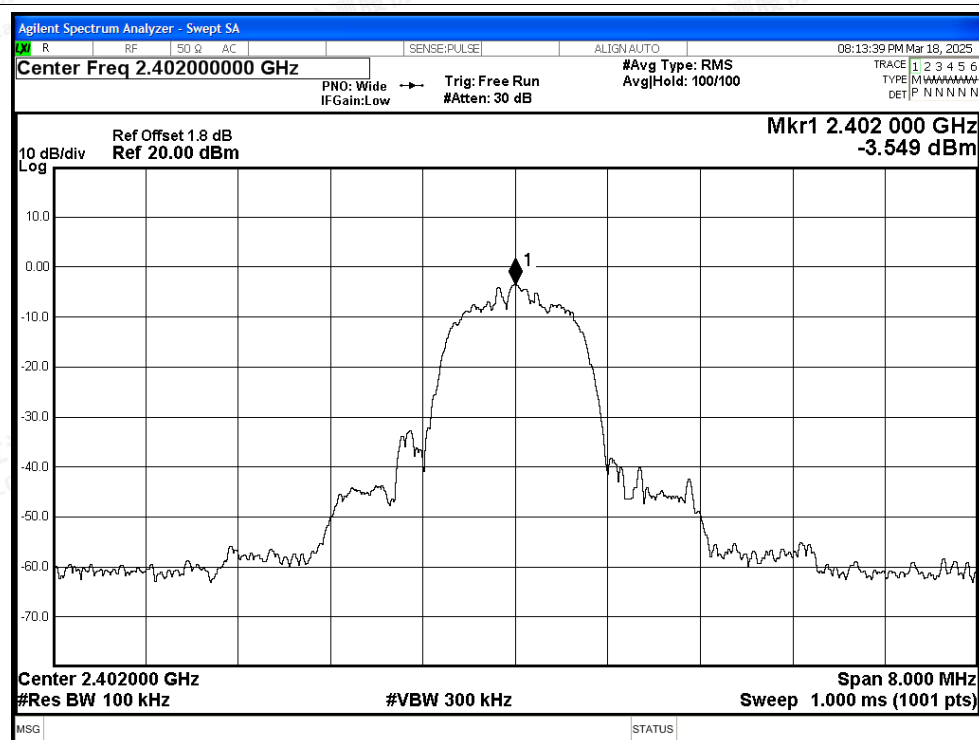
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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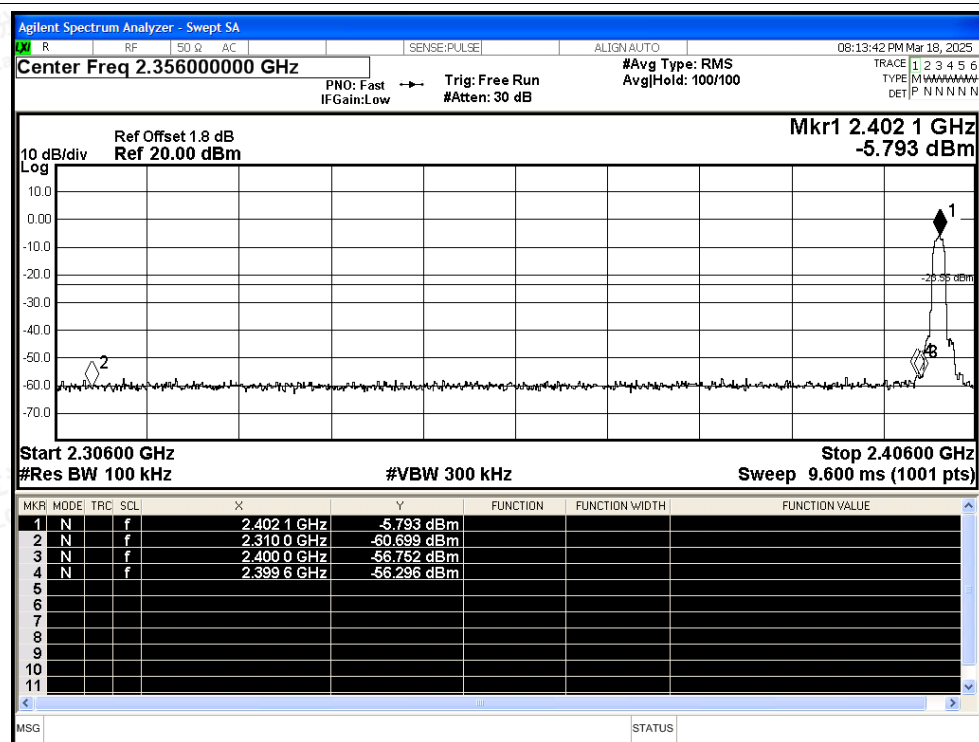
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## Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Ref



## Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Emission



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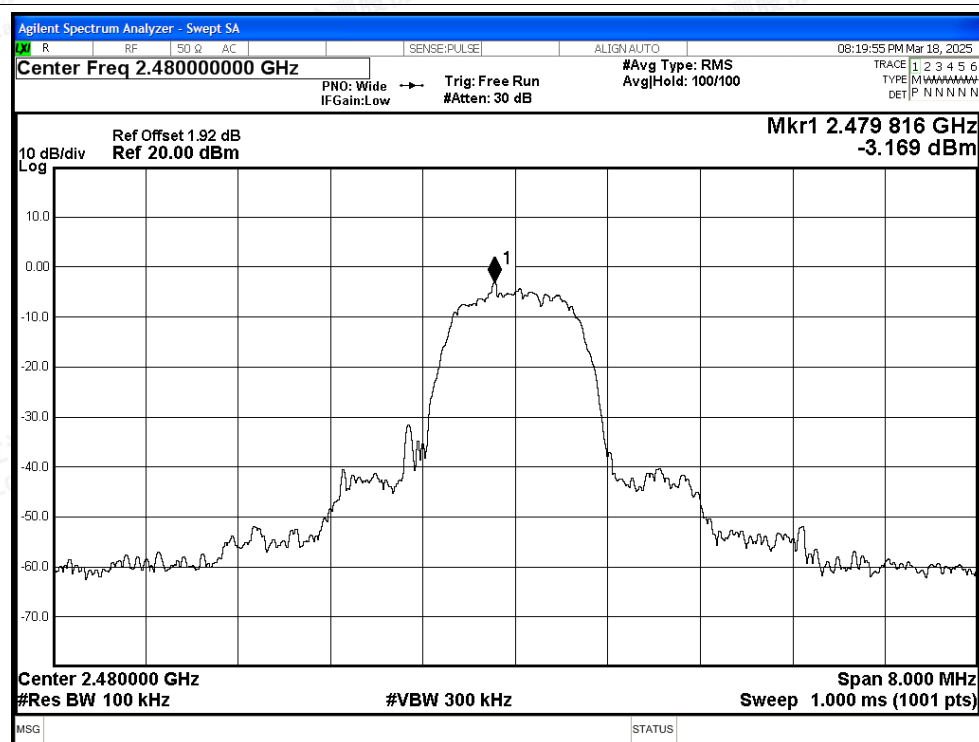
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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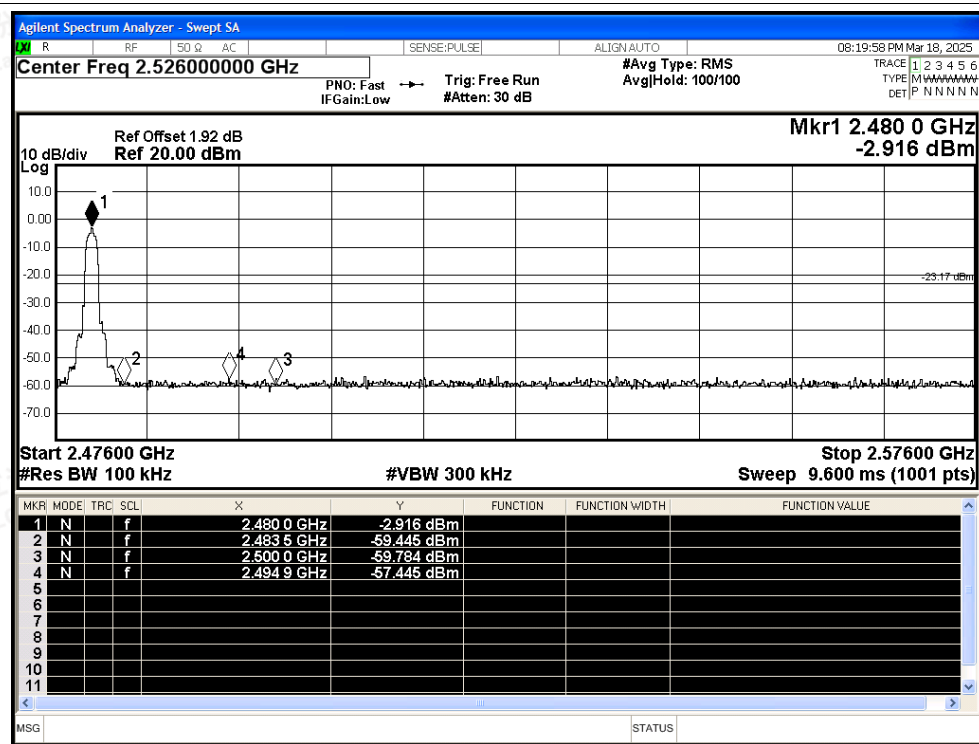
Scan code to check authenticity



## Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Ref



## Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Emission



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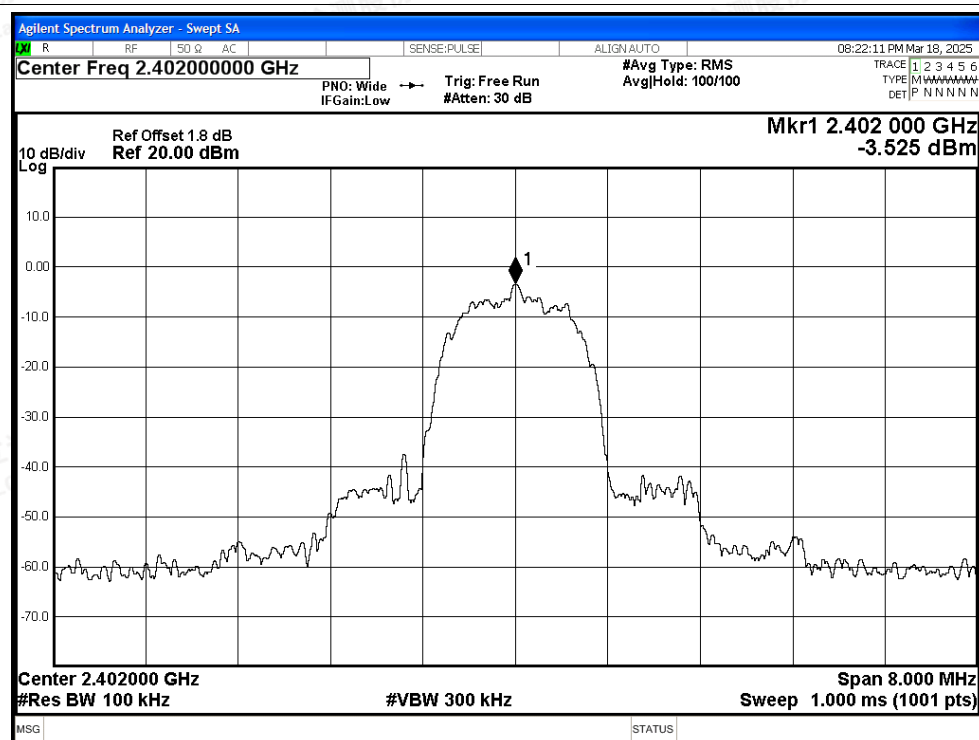
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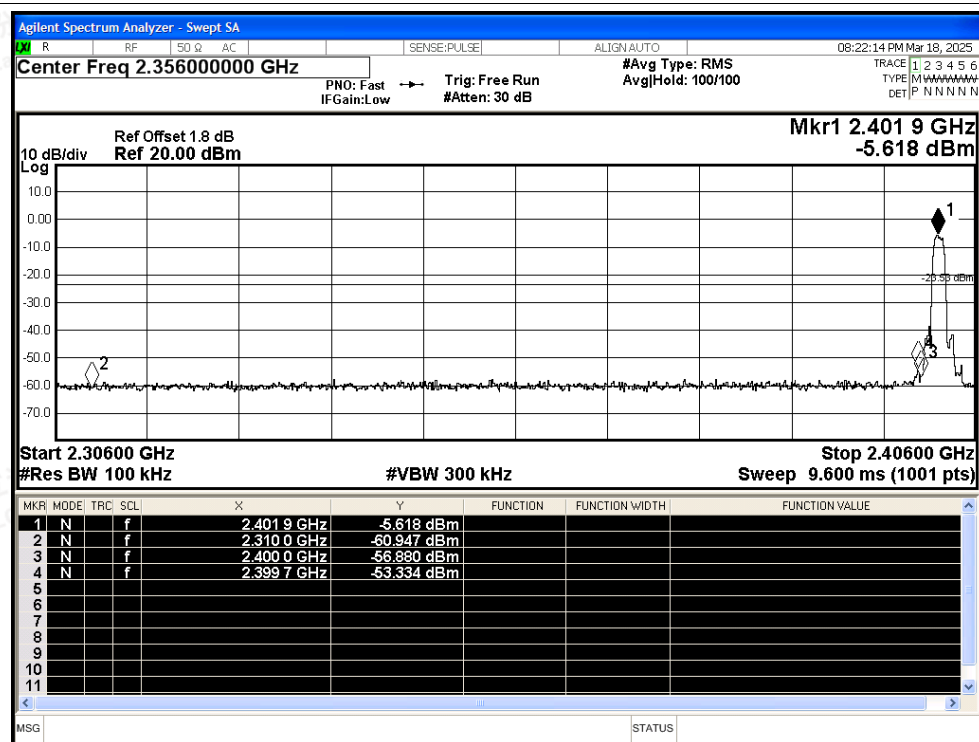
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## Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Ref



## Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Emission



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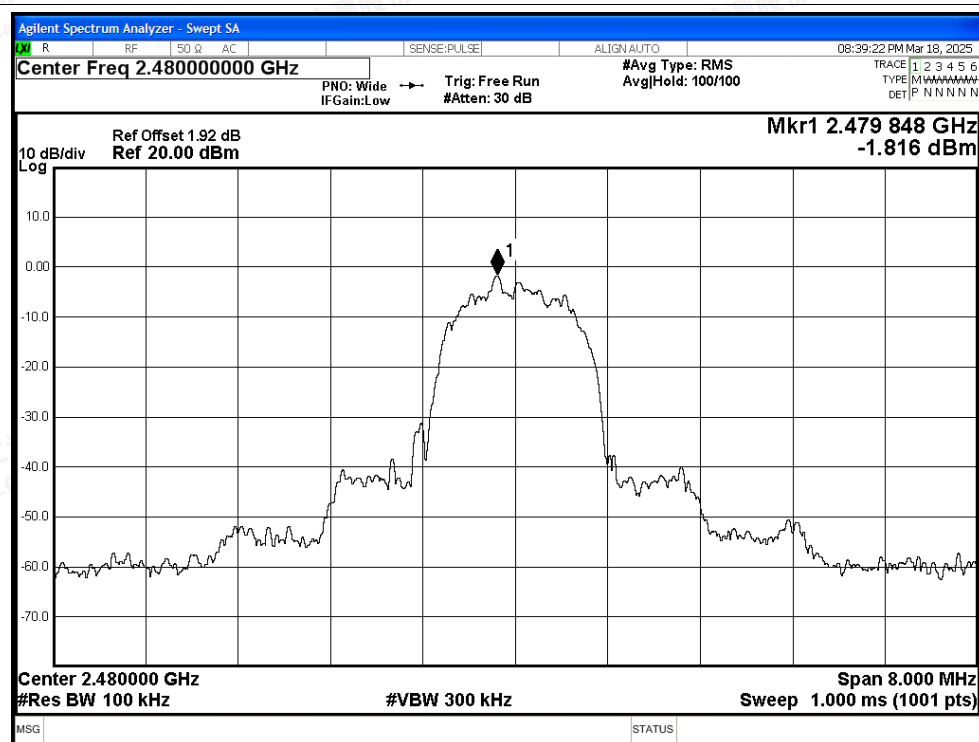
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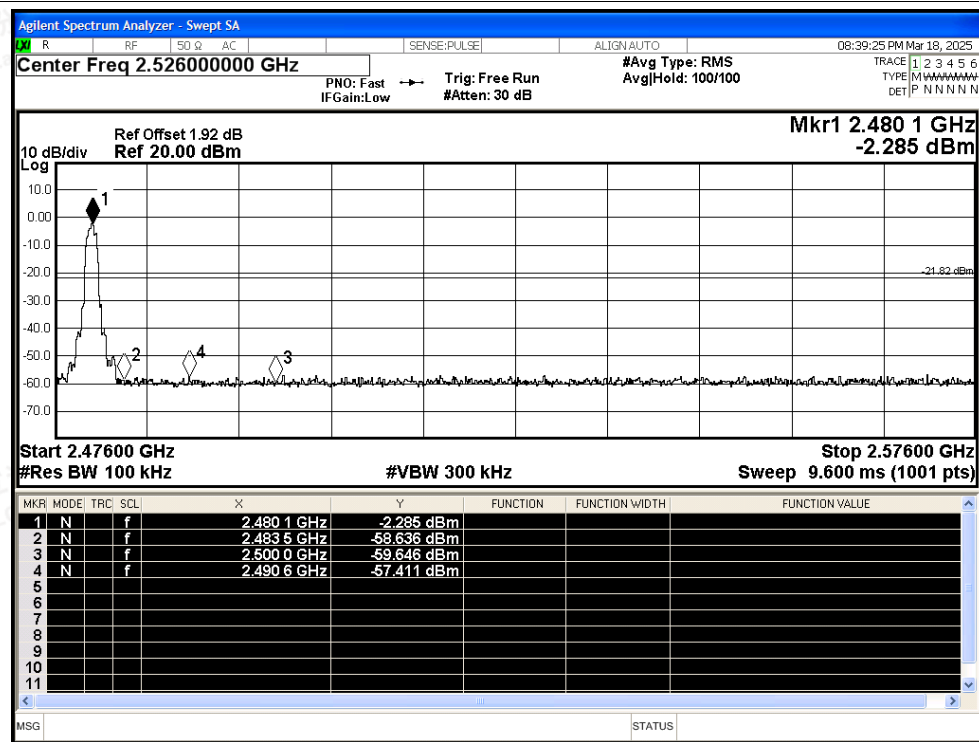
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## Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Ref



## Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Emission



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## (Hopping)

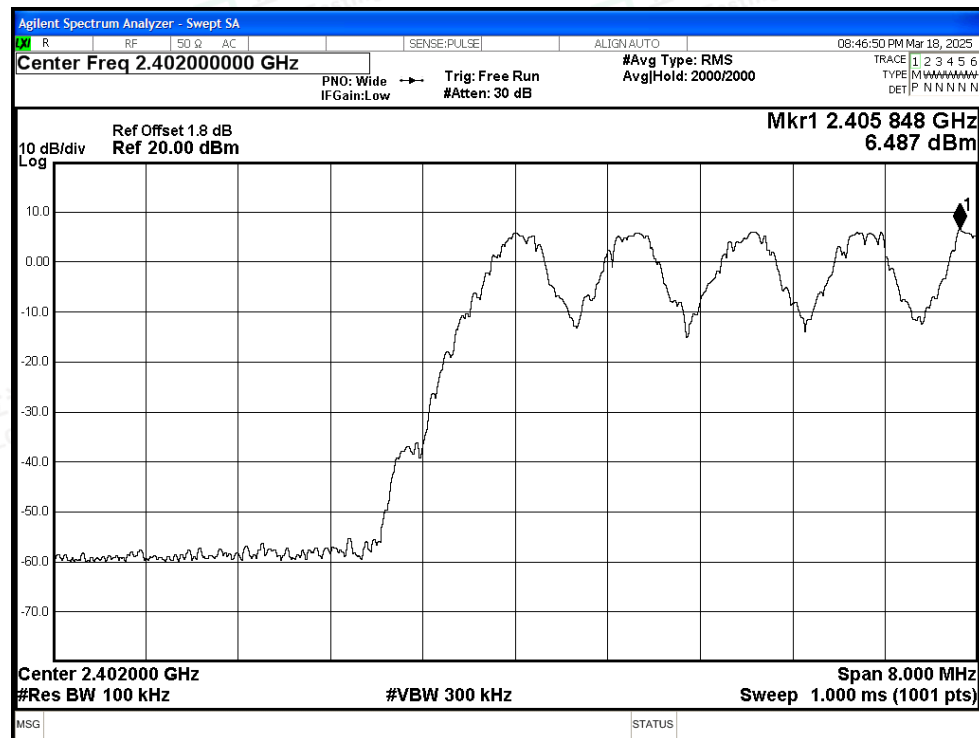
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | Hopping      | -62.86          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | Hopping      | -61.1           | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | Hopping      | -61.96          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | Hopping      | -58.93          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | Hopping      | -62.67          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | Hopping      | -58.08          | -20         | Pass    |



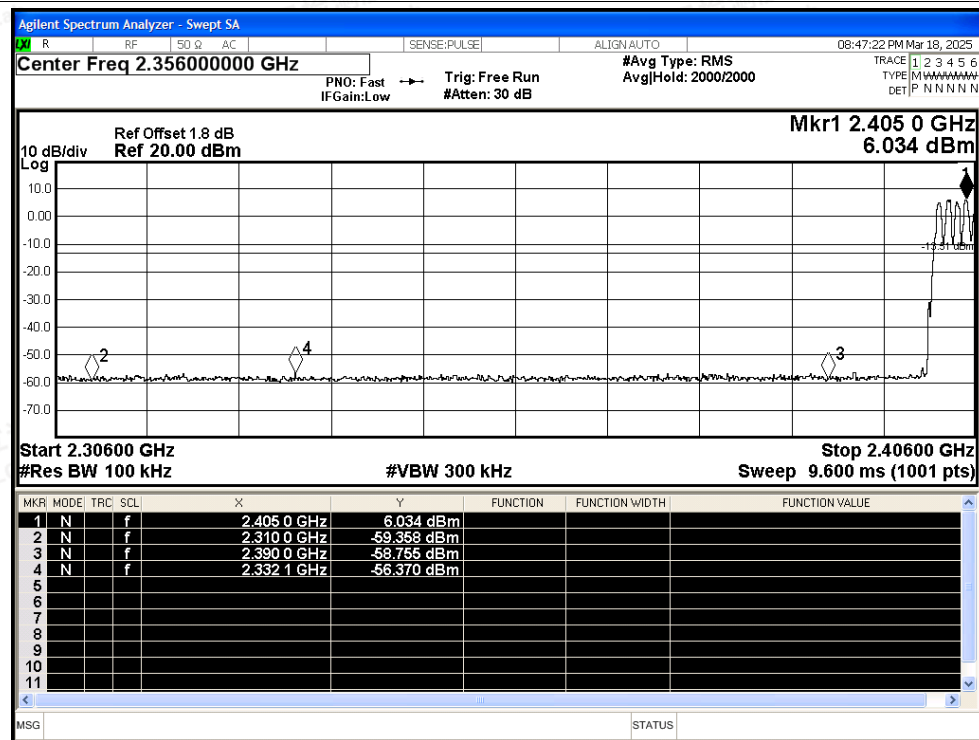


## Test Graphs

## 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

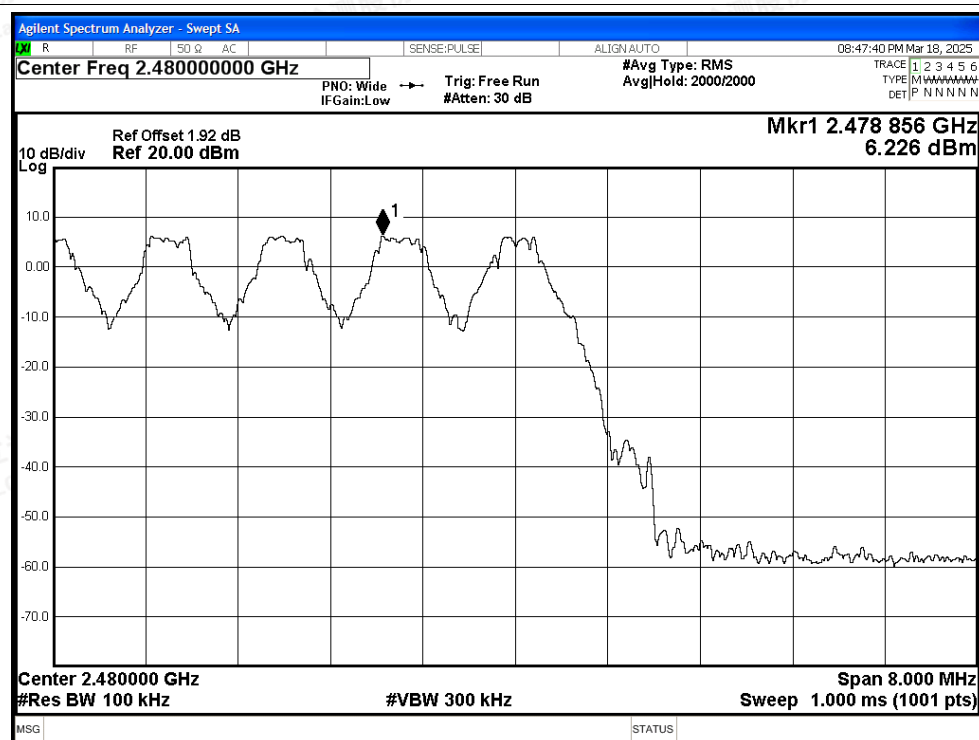
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

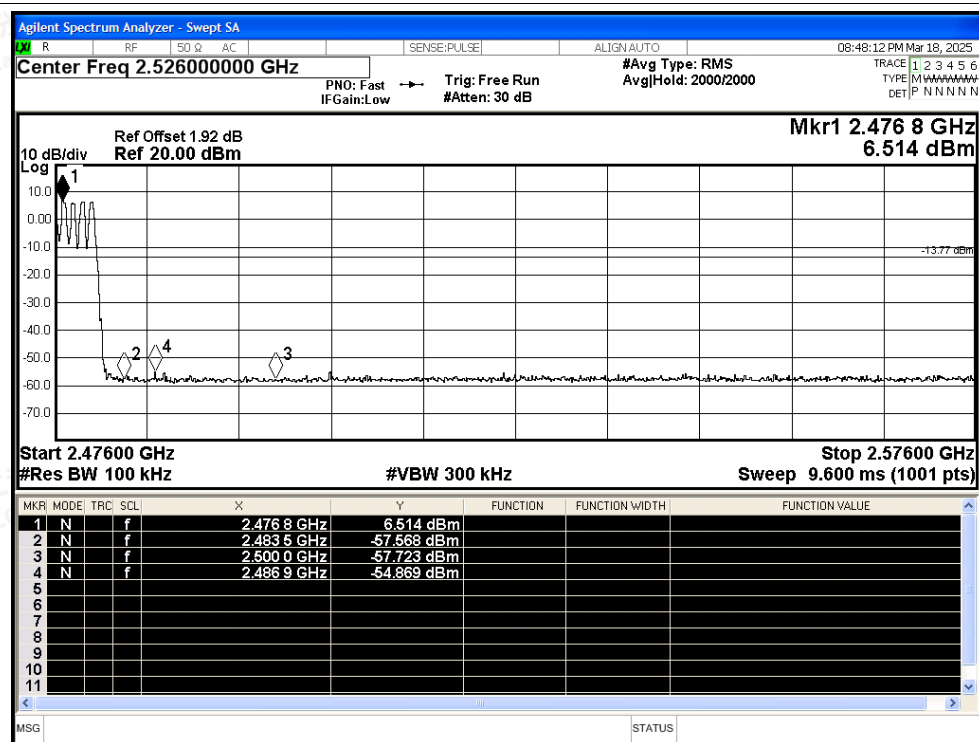




## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant Hopping Ref



## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

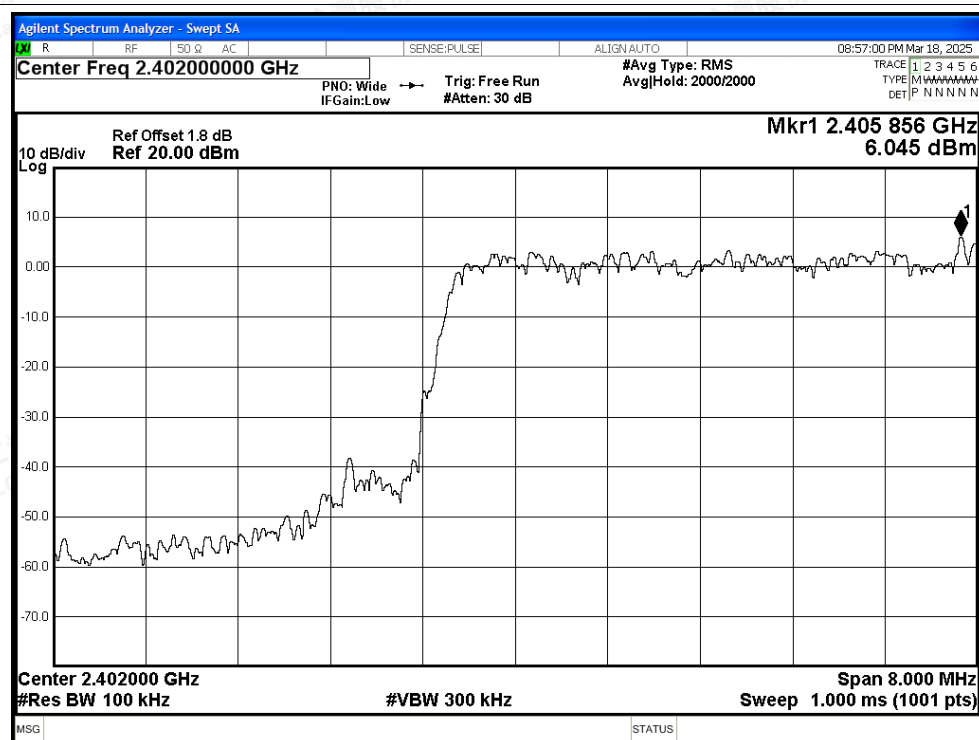
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

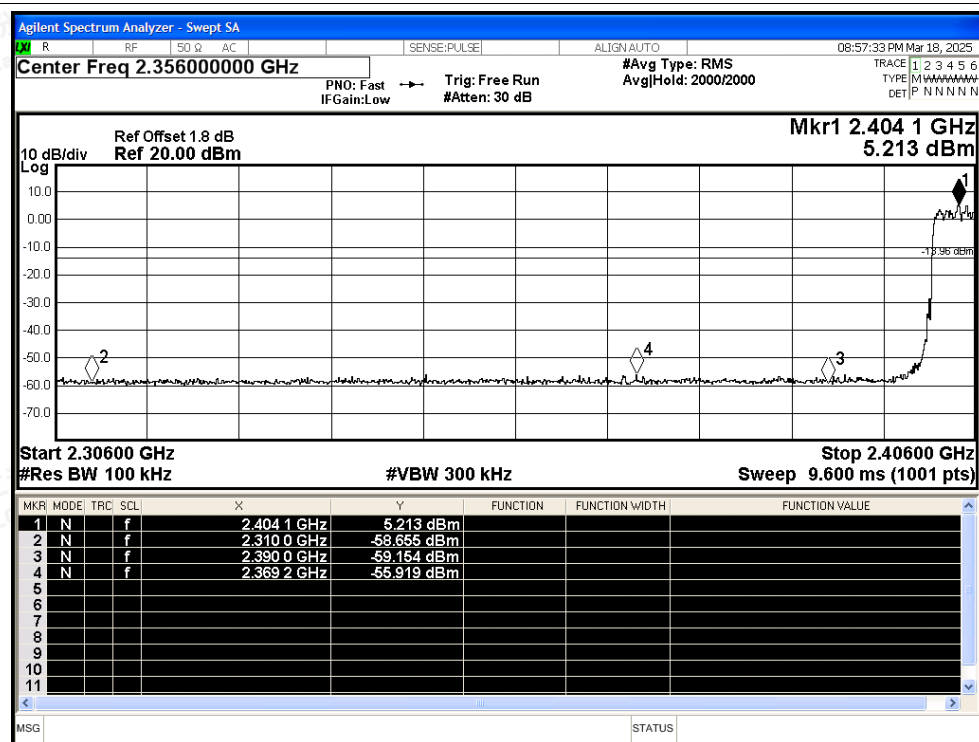
Scan code to check authenticity



## Band Edge(Hopping) NVNT 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

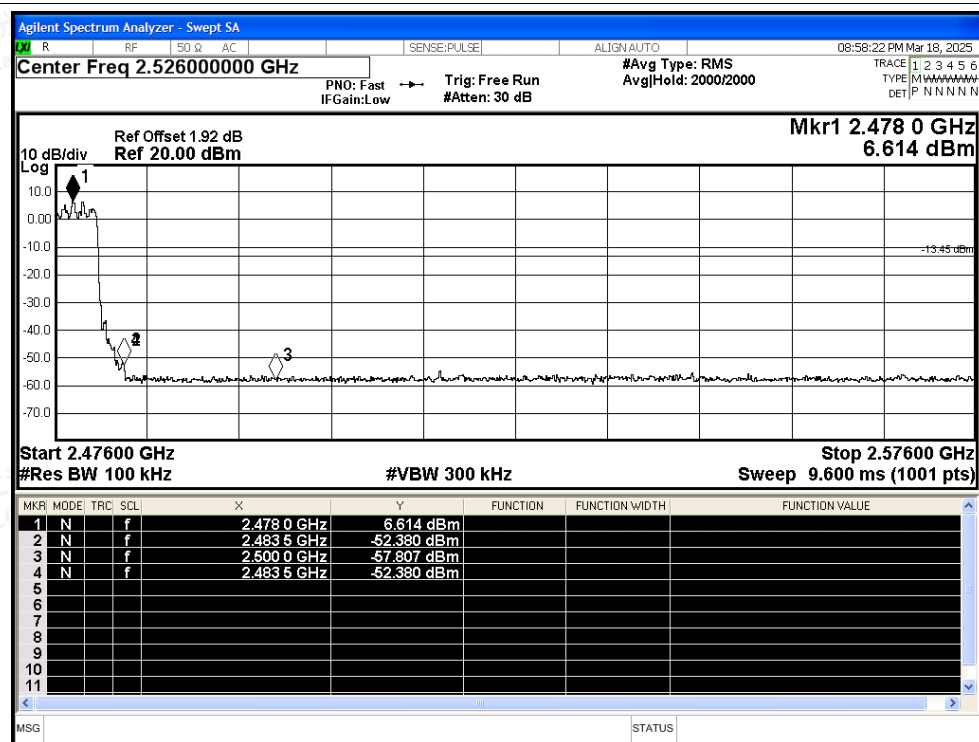
Scan code to check authenticity



## 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.

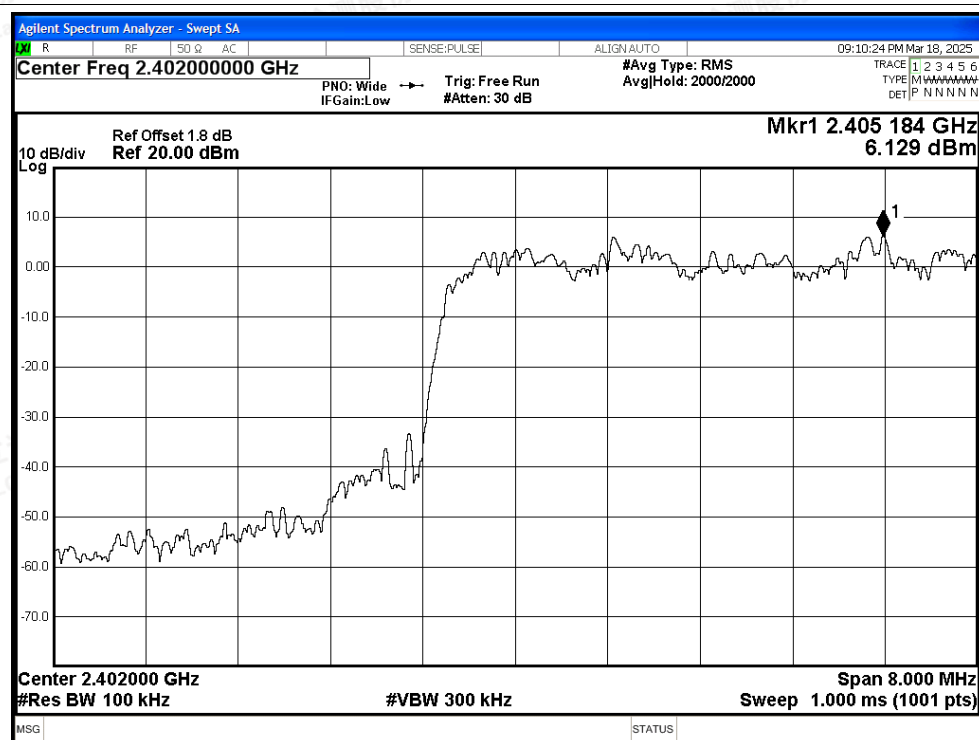
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

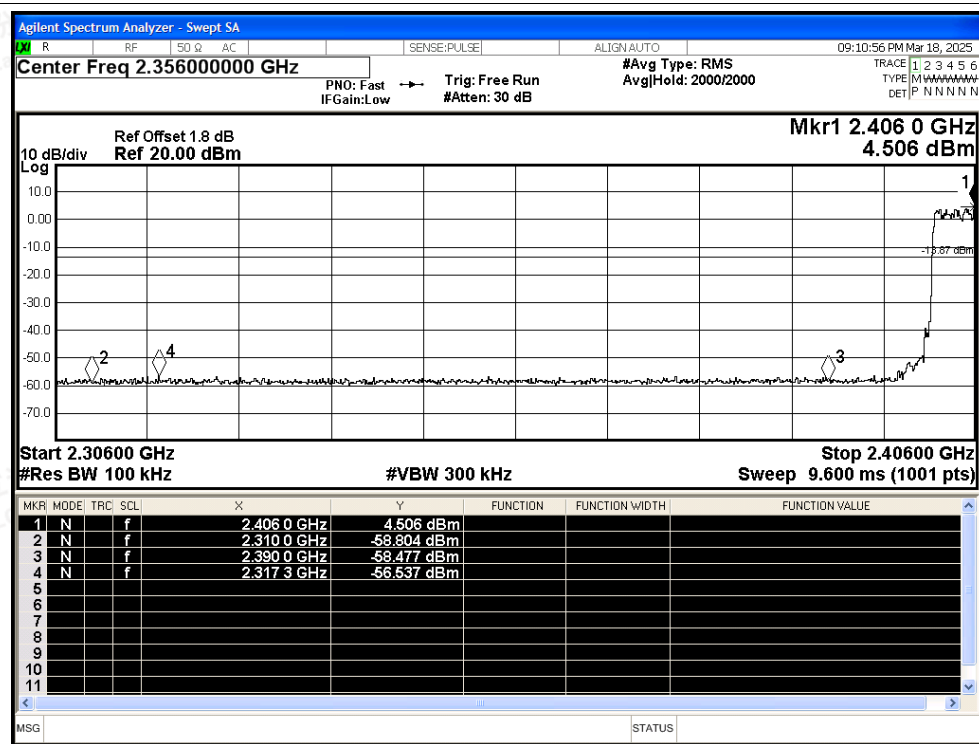
Scan code to check authenticity



## 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.

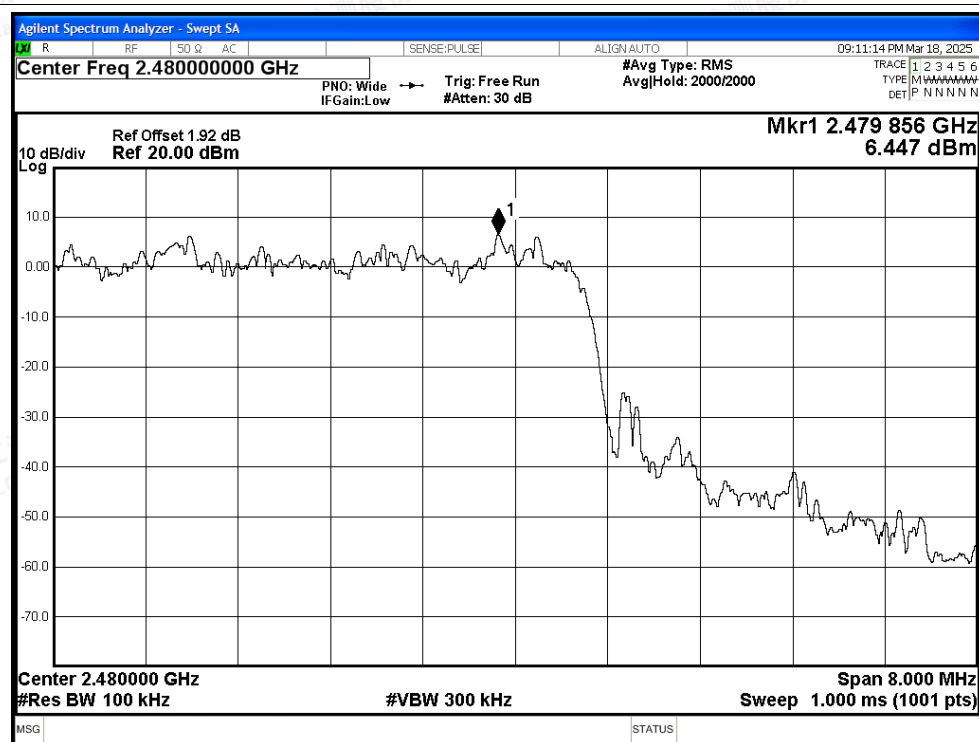
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

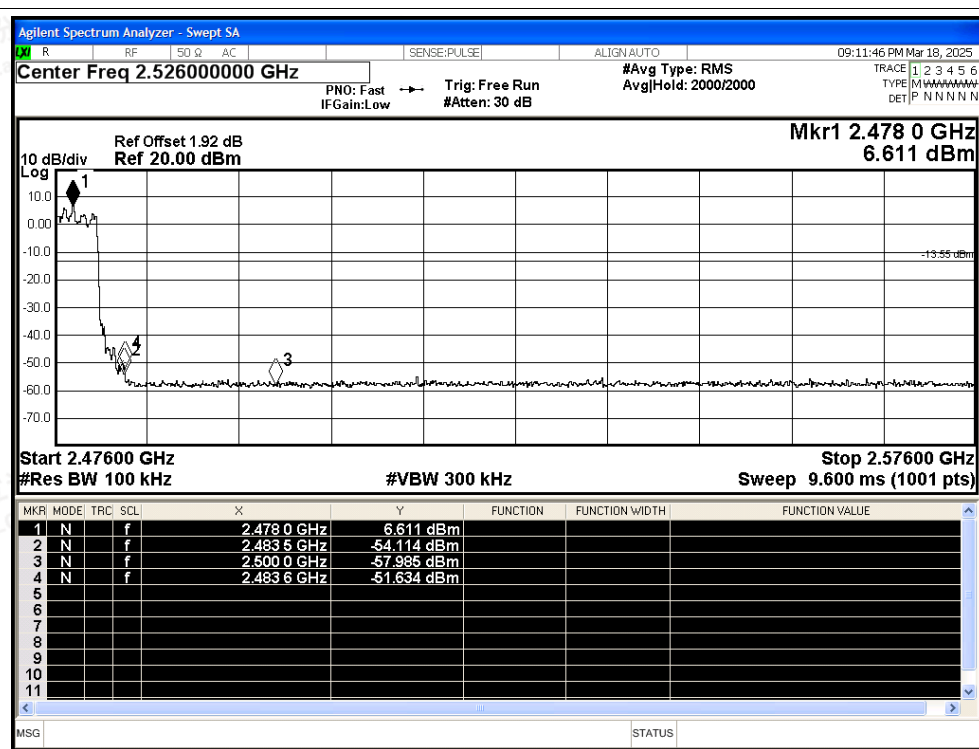
Scan code to check authenticity



## 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

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## A.7 Conducted RF Spurious Emission

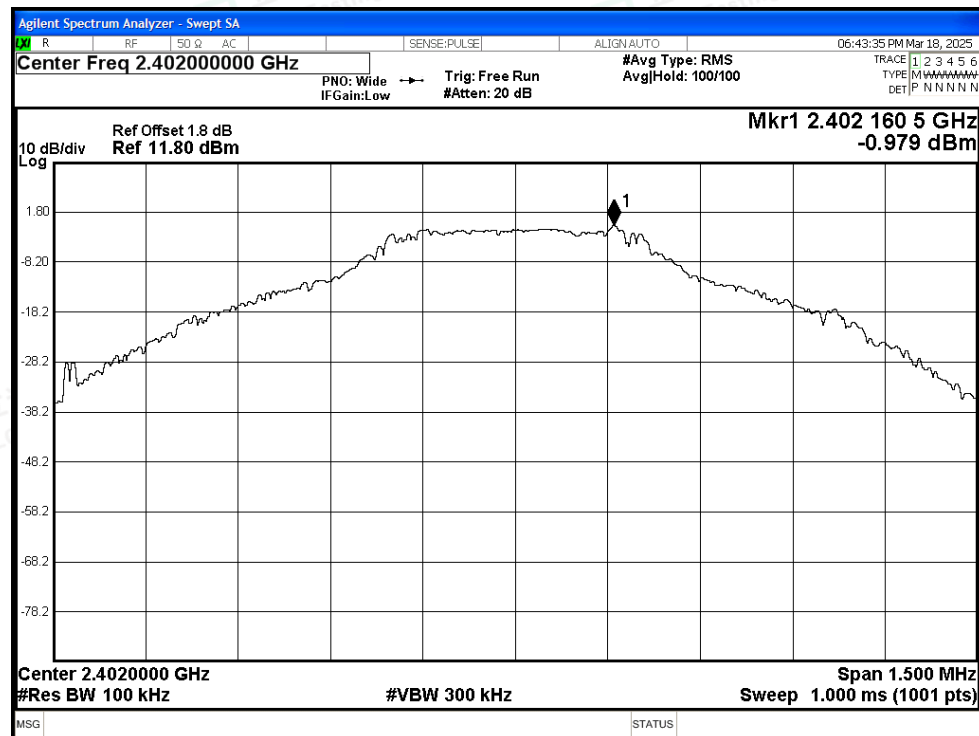
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant     | -55.1           | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant     | -54.56          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | -53.71          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | -51.28          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant     | -51.05          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | -53.08          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | -51.9           | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant     | -52.11          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | -52.5           | -20         | Pass    |



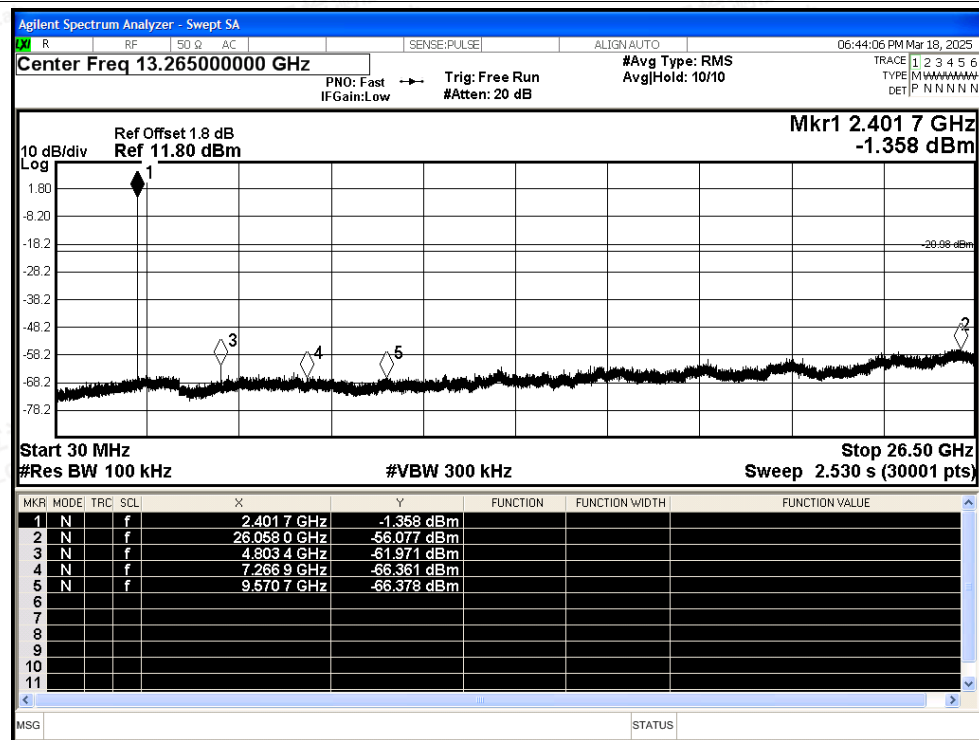


## Test Graphs

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

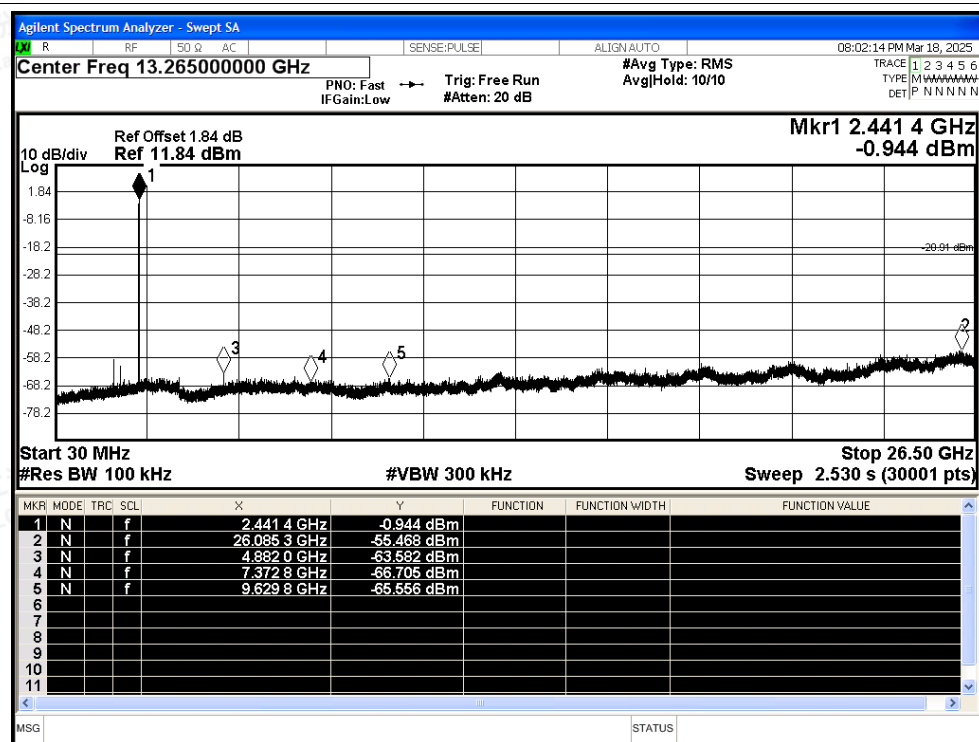
Scan code to check authenticity



## 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

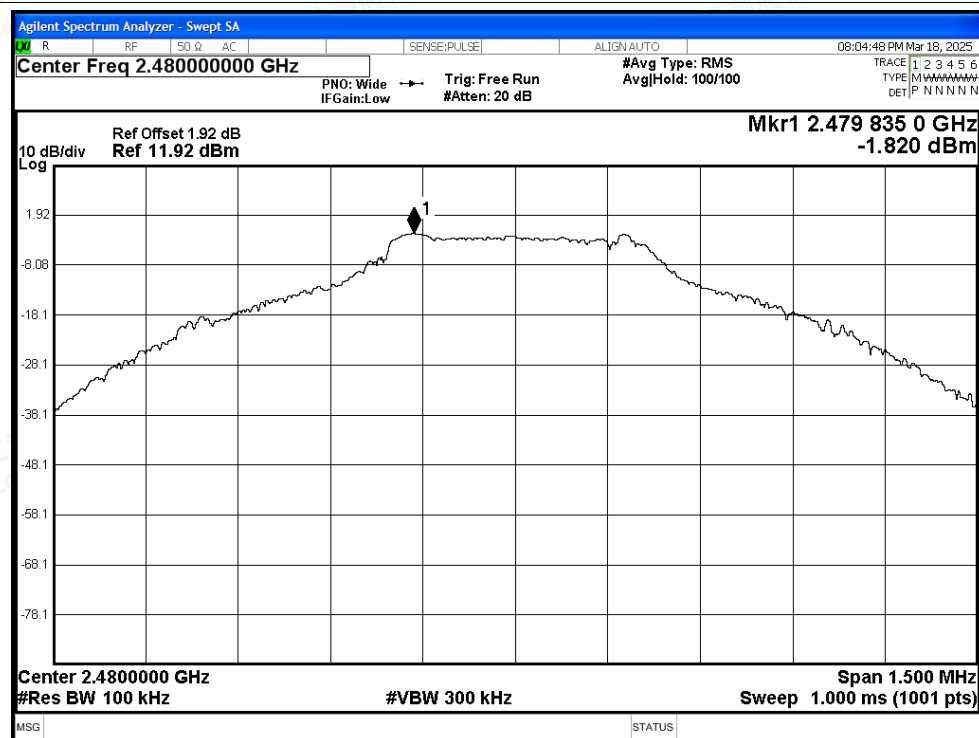
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

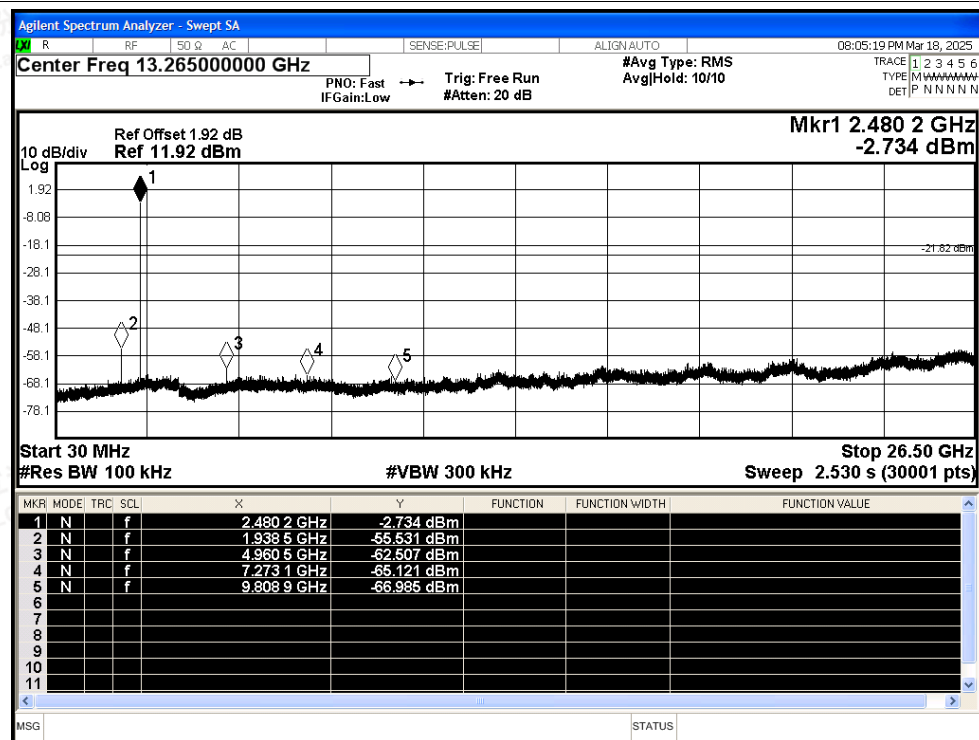




## Tx. Spurious NVNT 1-DH5 2480MHz Ant Ref



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

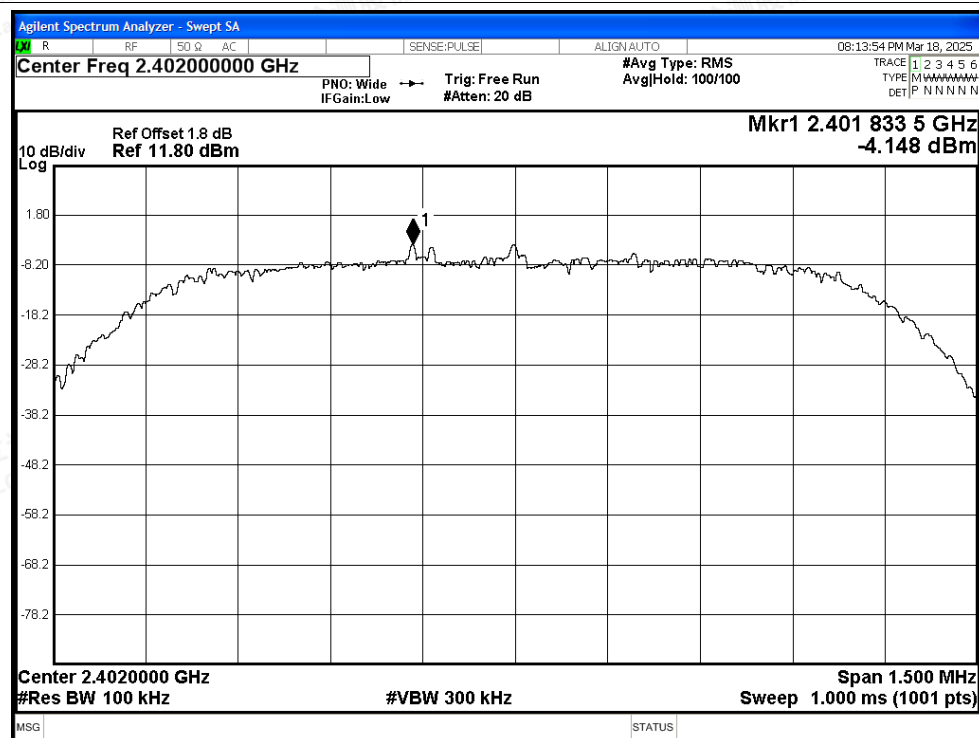
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

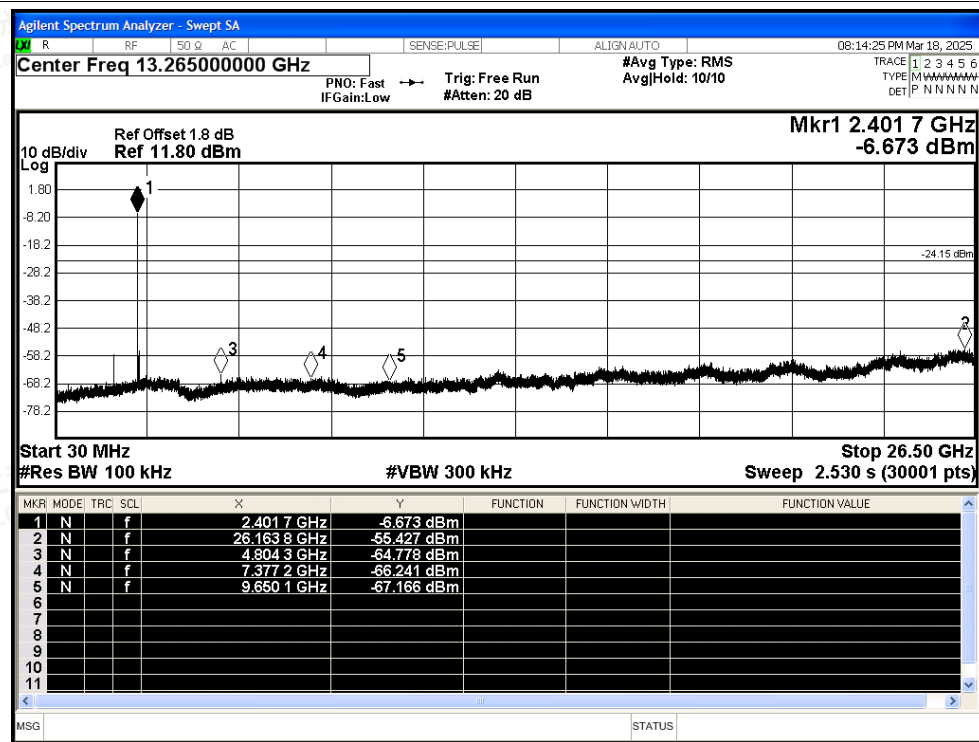
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

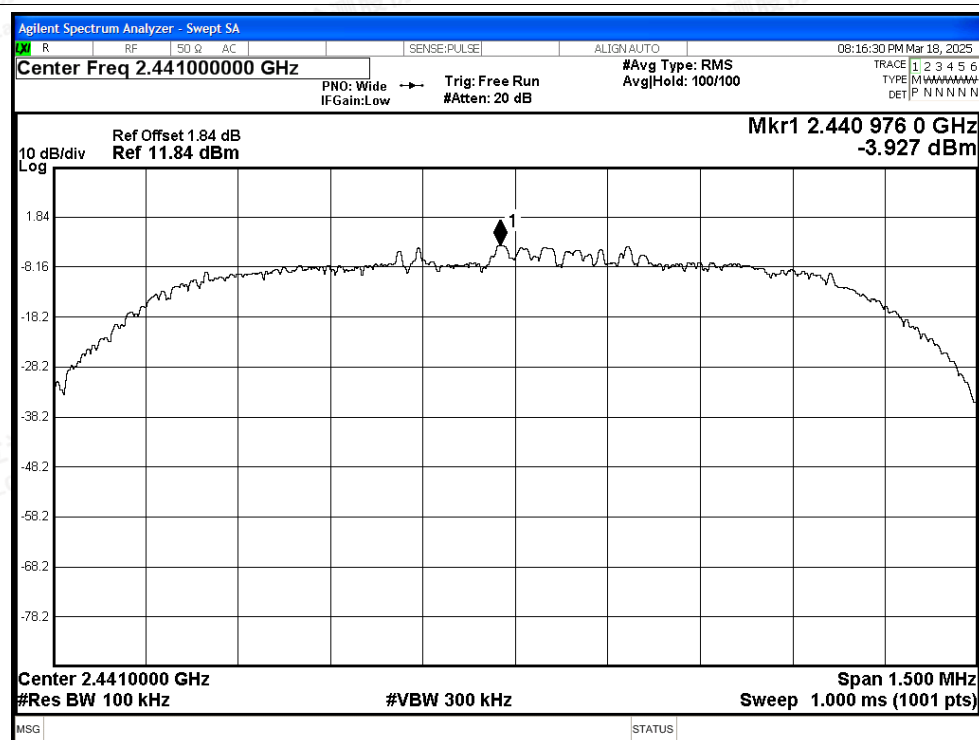
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

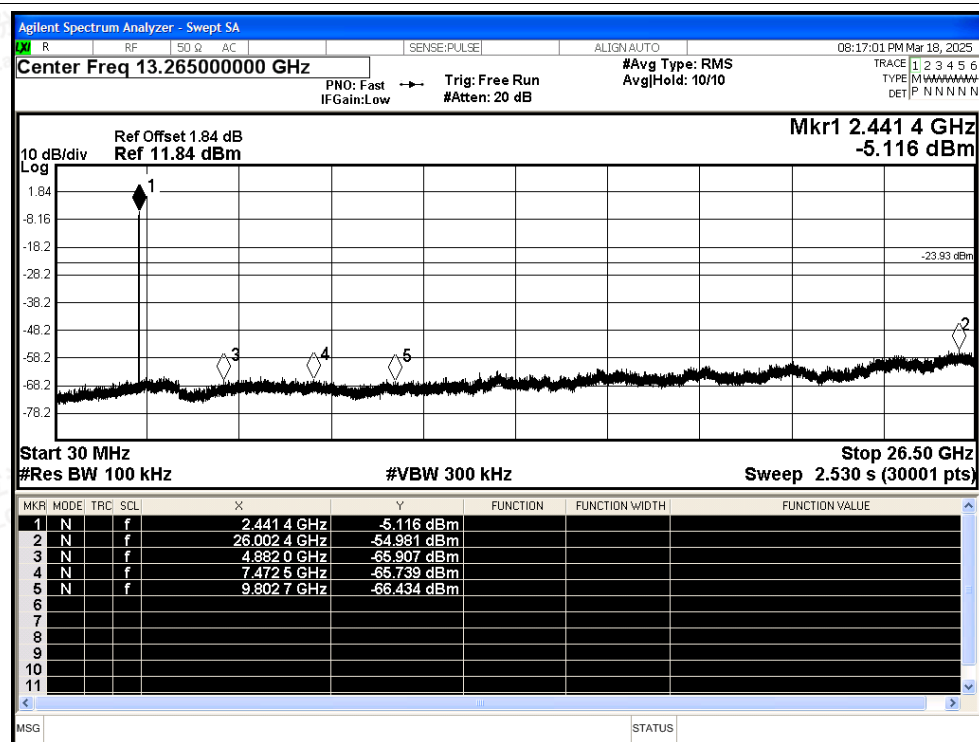
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

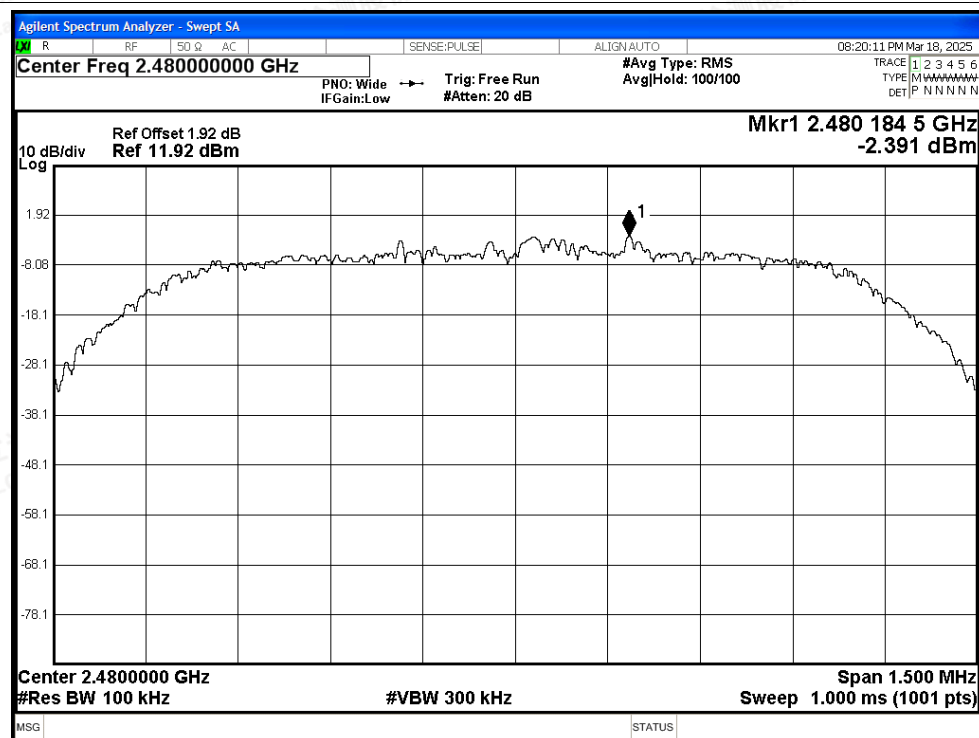
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

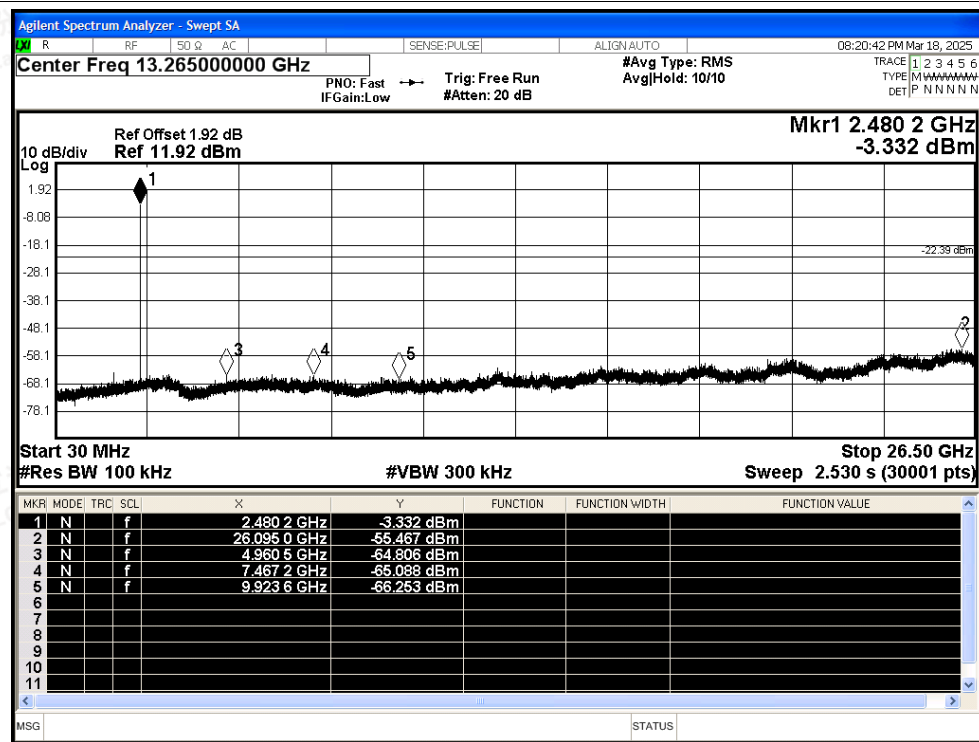
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

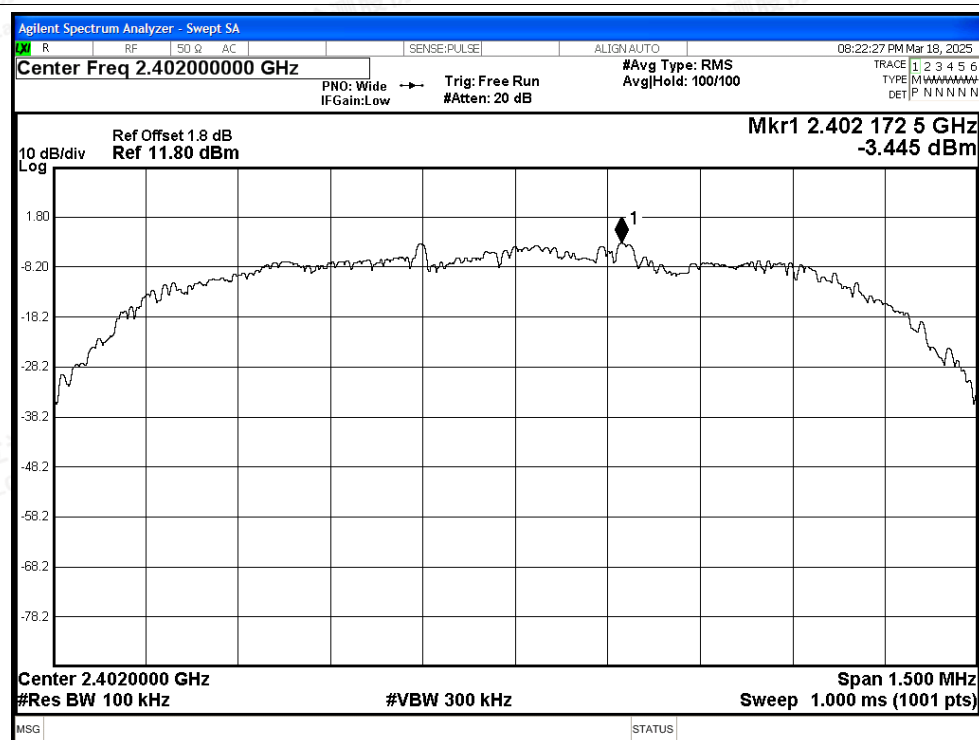
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

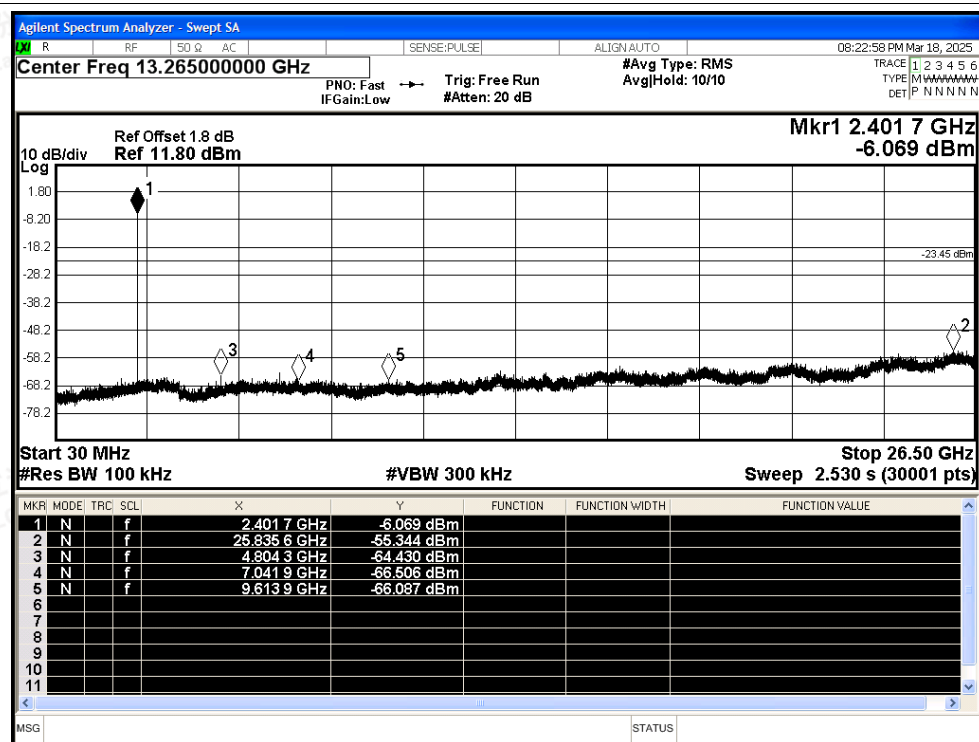
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

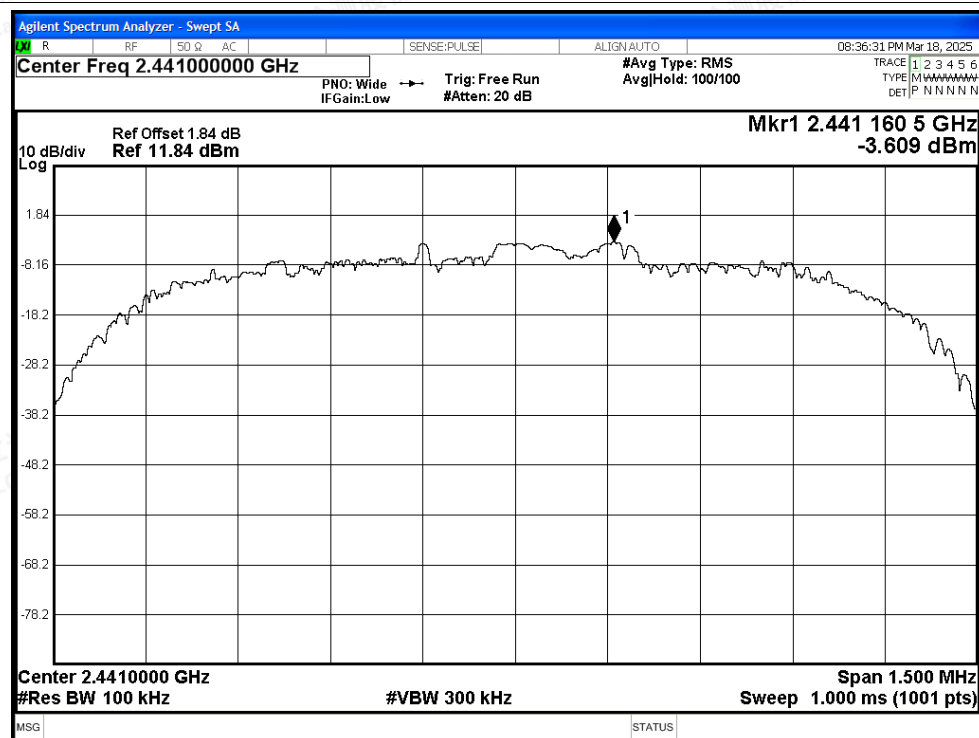
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

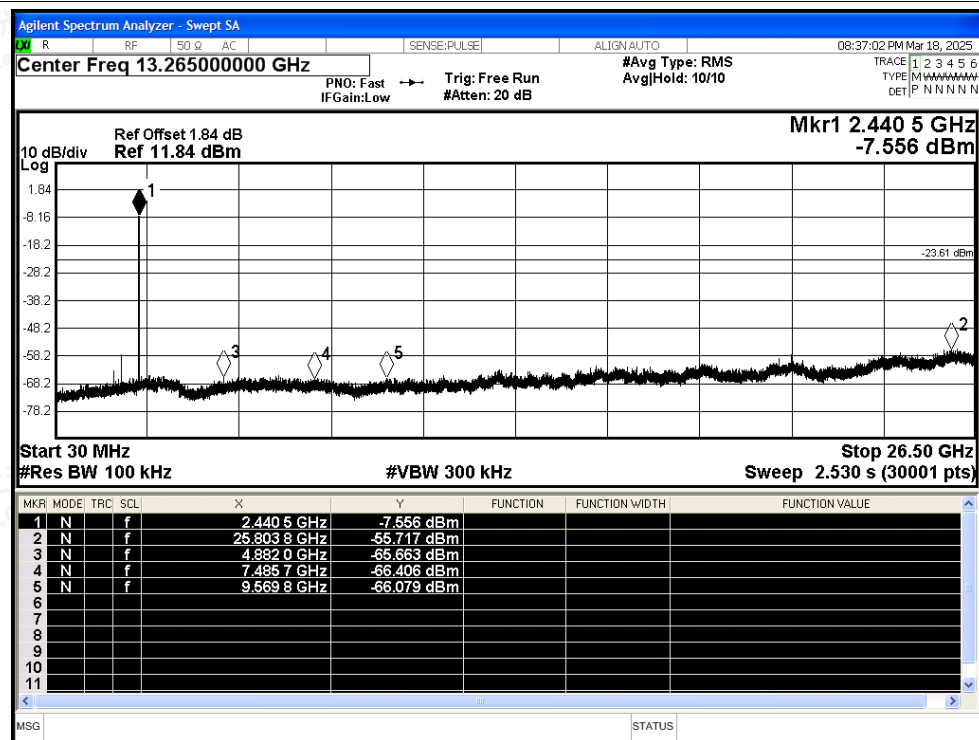
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

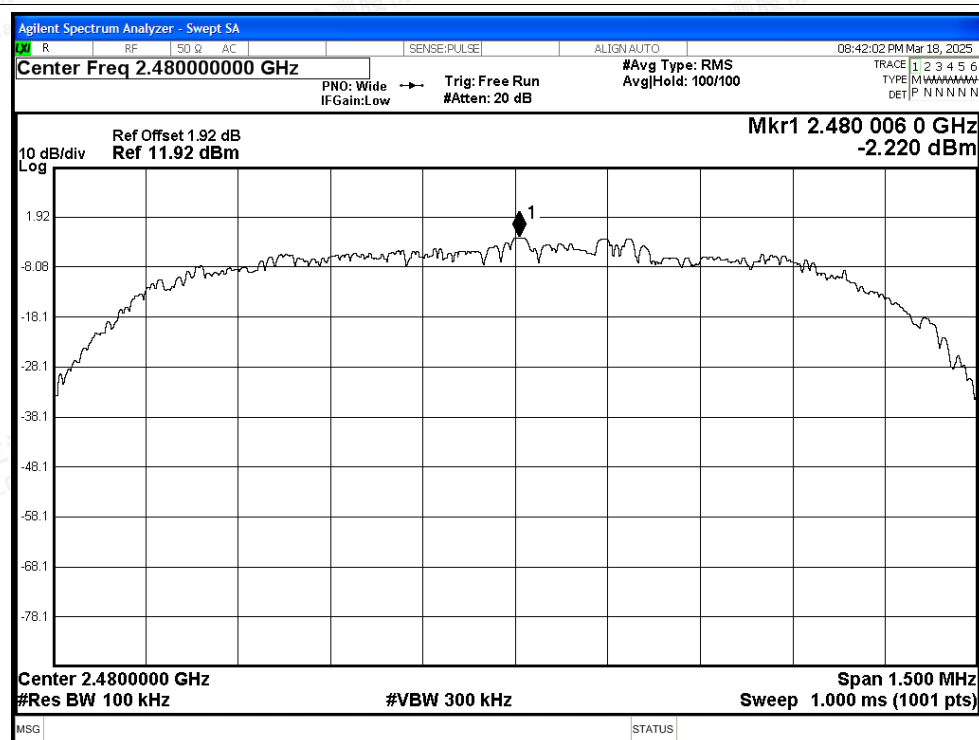
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

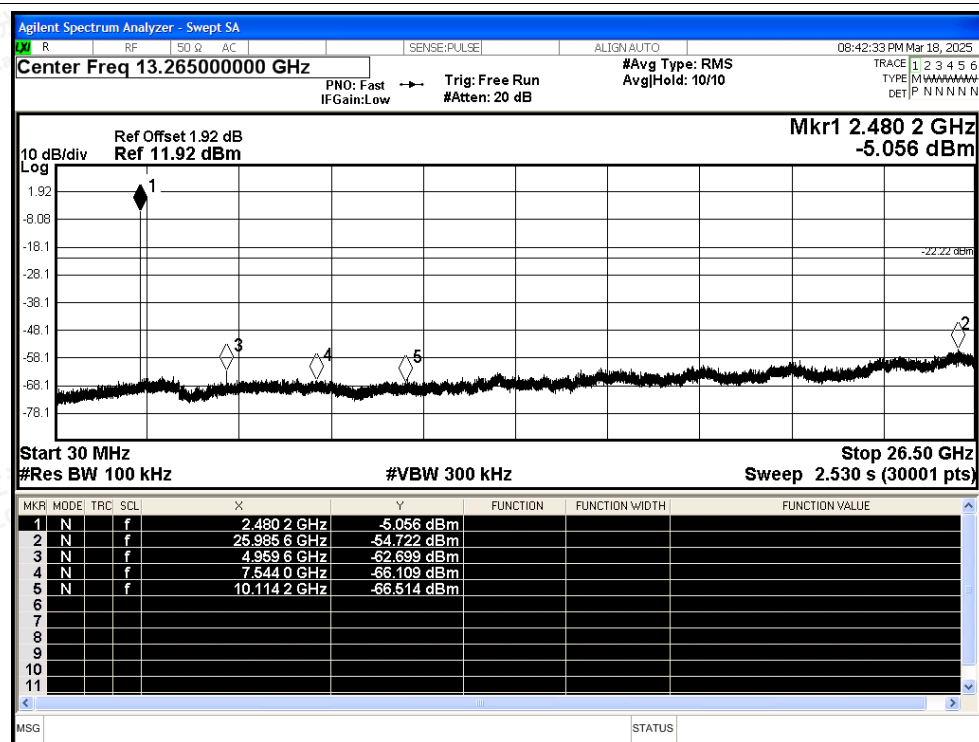
Scan code to check authenticity



## 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

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## 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     | 77.63          | 1.1                    | 0.34      |
| NVNT      | 2-DH5 | 2402            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 2-DH5 | 2441            | Ant     | 77.33          | 1.12                   | 0.34      |
| NVNT      | 2-DH5 | 2480            | Ant     | 77.33          | 1.12                   | 0.34      |
| NVNT      | 3-DH5 | 2402            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 3-DH5 | 2441            | Ant     | 77.28          | 1.12                   | 0.35      |
| NVNT      | 3-DH5 | 2480            | Ant     | 77.28          | 1.12                   | 0.35      |

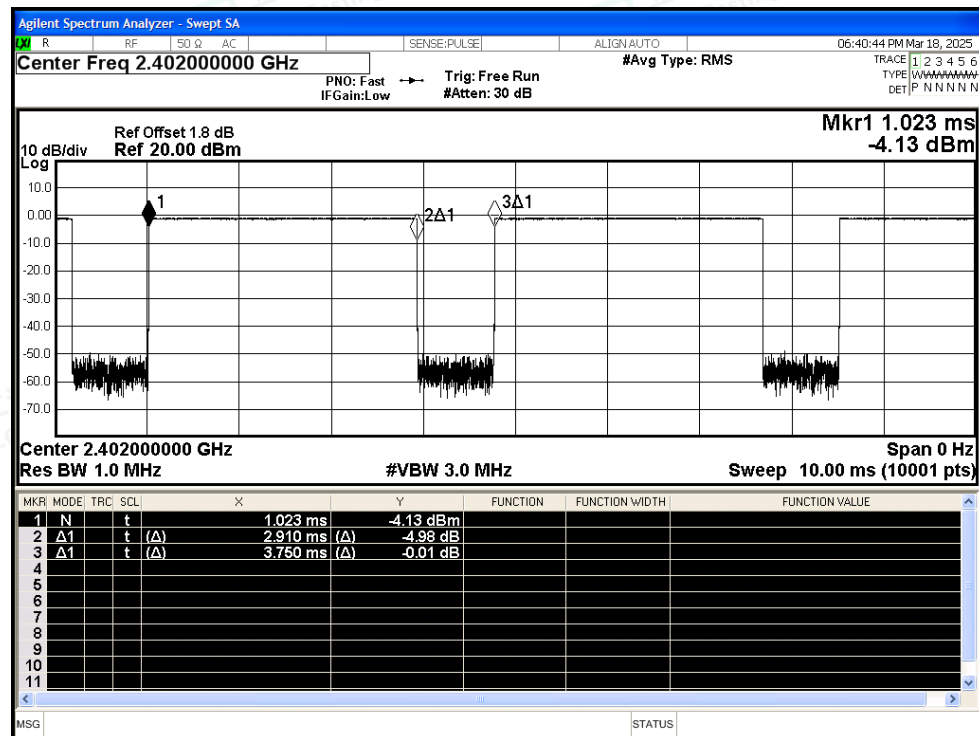




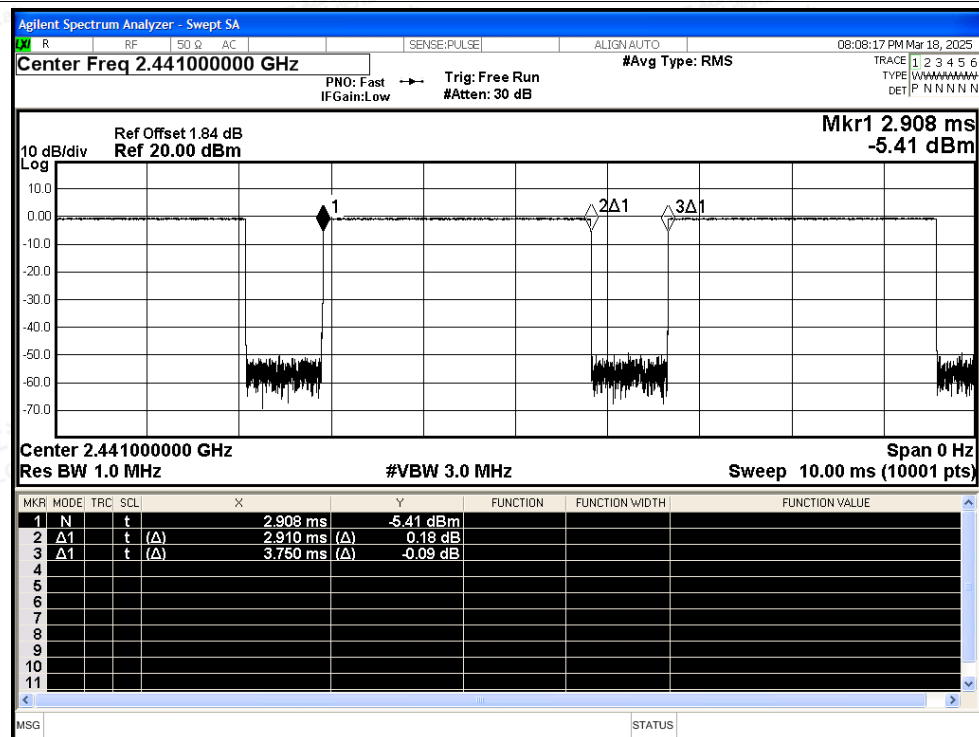


## Test Graphs

## Duty Cycle NVNT 1-DH5 2402MHz Ant



## Duty Cycle NVNT 1-DH5 2441MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

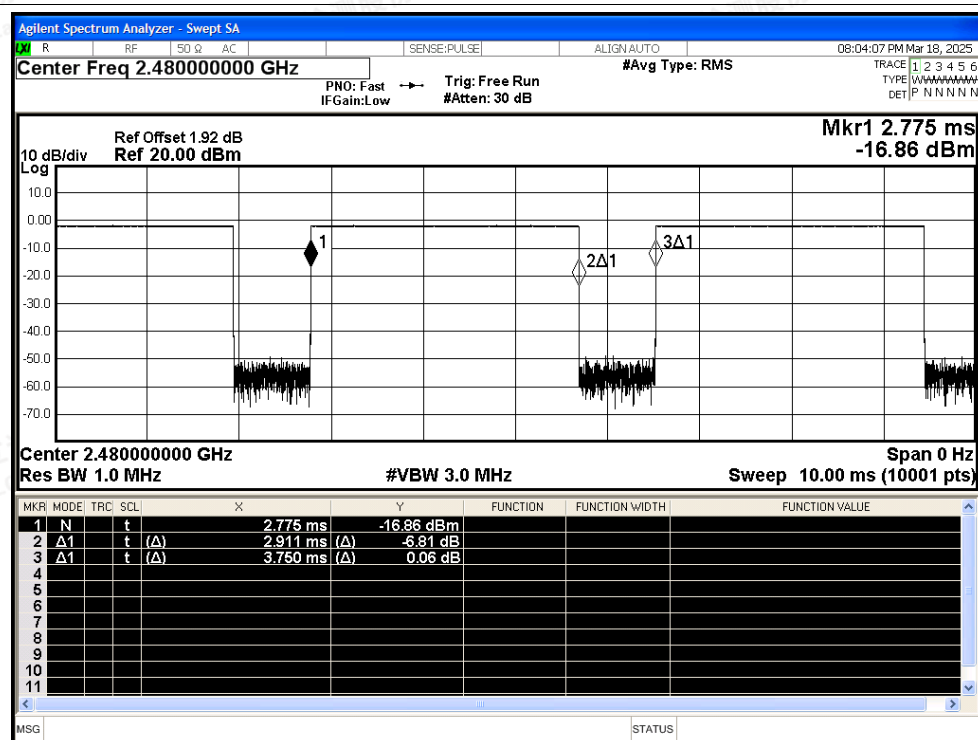
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

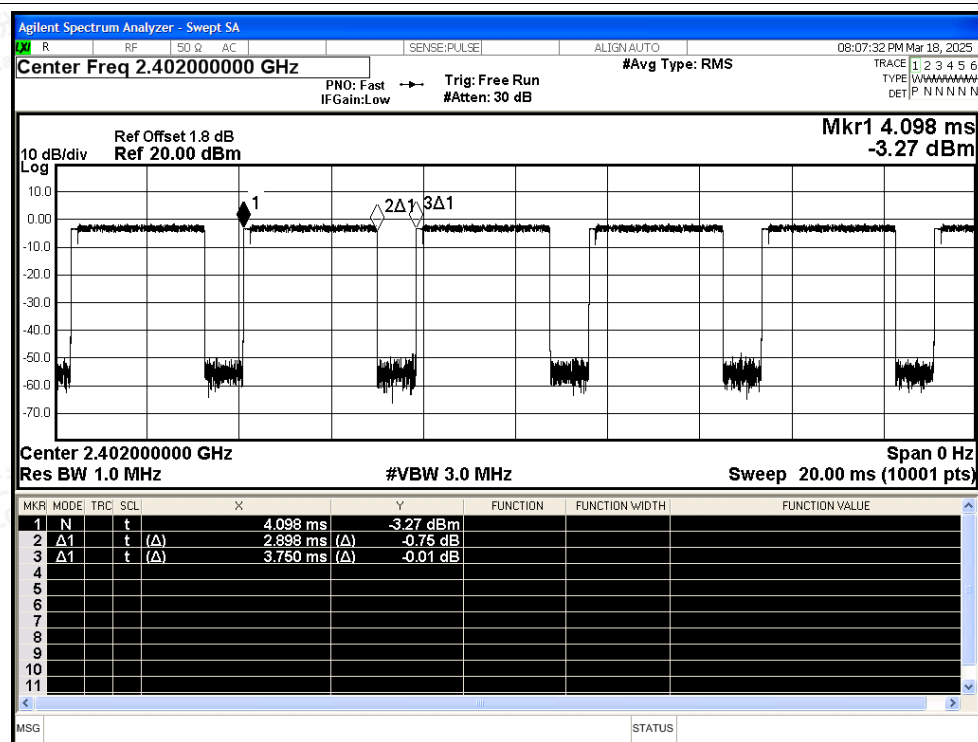
Scan code to check authenticity



## Duty Cycle NVNT 1-DH5 2480MHz Ant



## Duty Cycle NVNT 2-DH5 2402MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

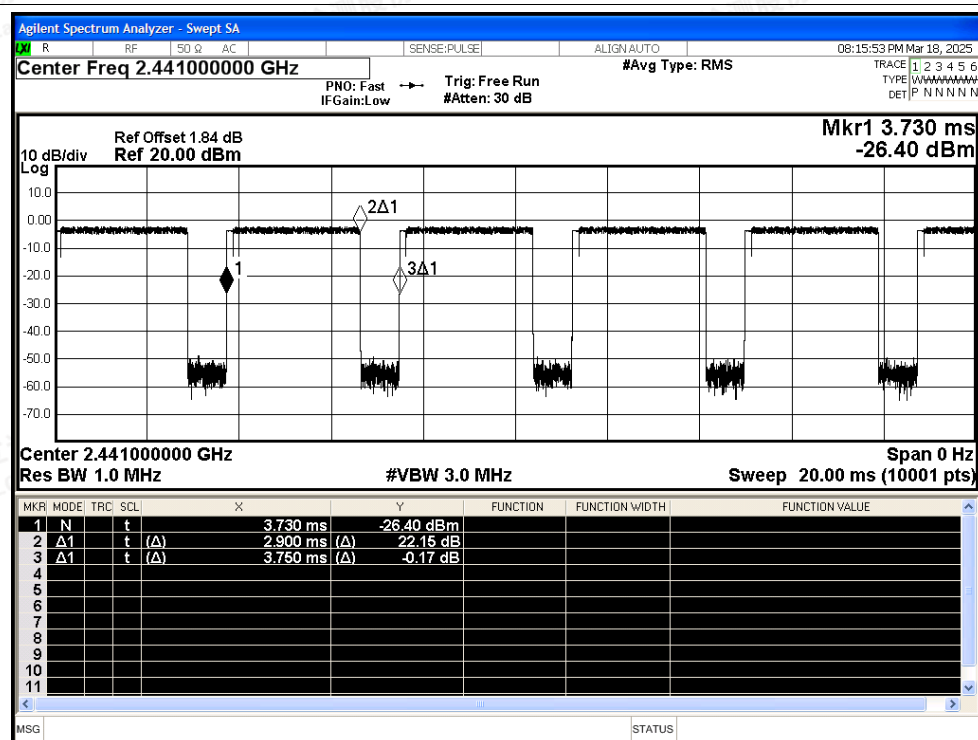
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

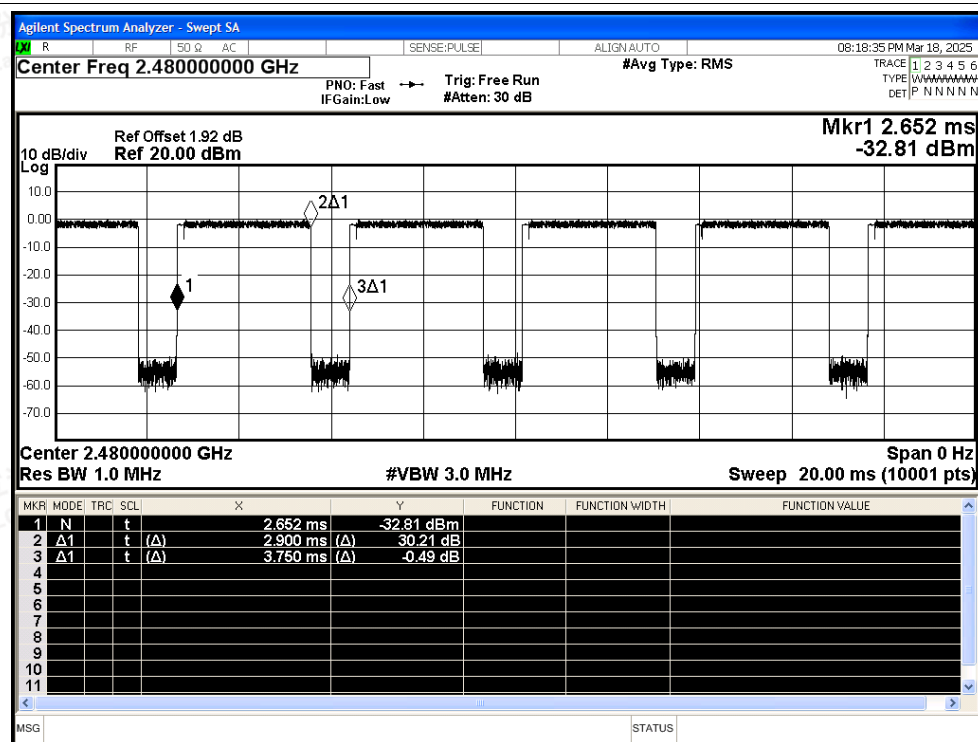
Scan code to check authenticity



## Duty Cycle NVNT 2-DH5 2441MHz Ant



## Duty Cycle NVNT 2-DH5 2480MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

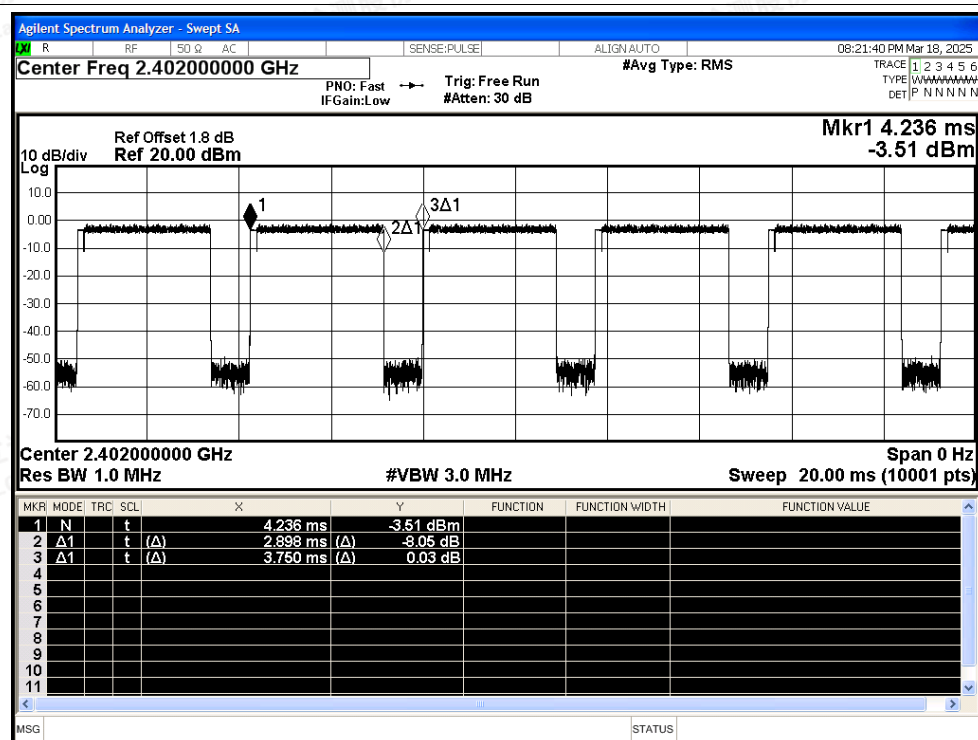
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

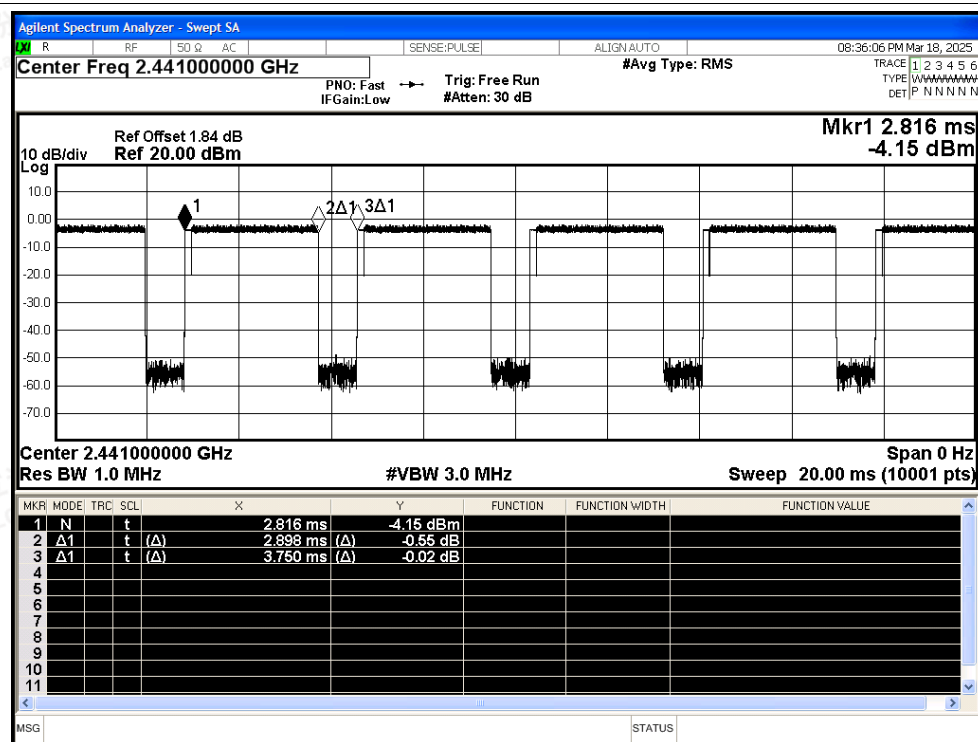
Scan code to check authenticity

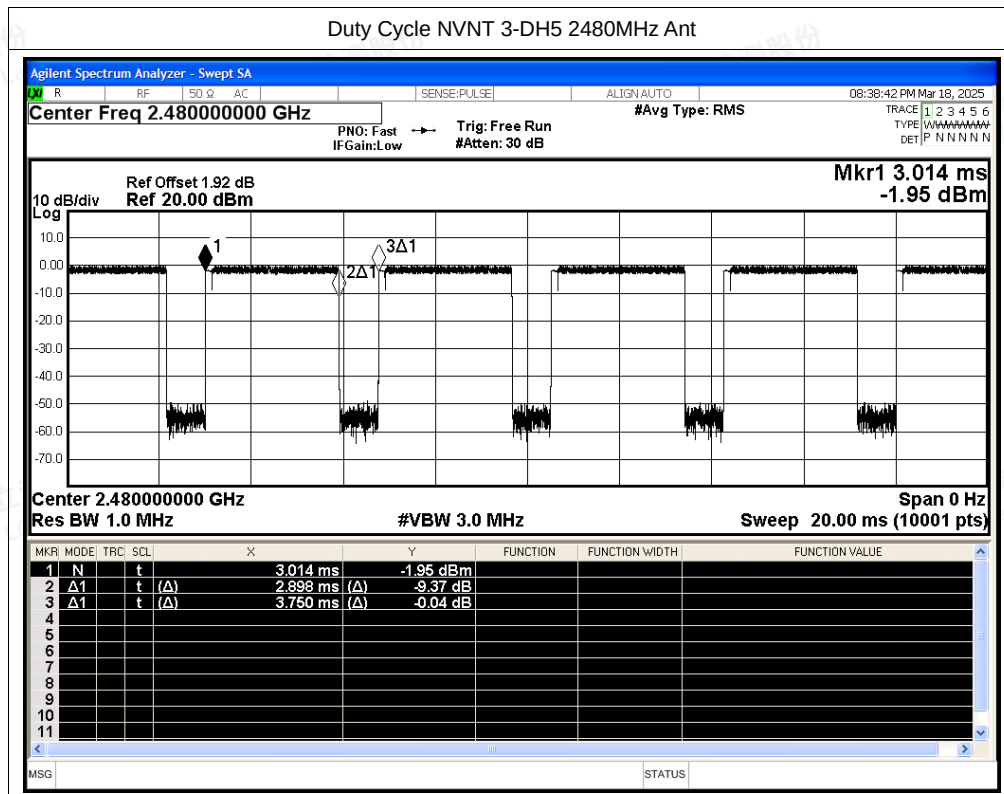


## Duty Cycle NVNT 3-DH5 2402MHz Ant



## Duty Cycle NVNT 3-DH5 2441MHz Ant







## 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            | -51.01      | 2          | -                | 46.25      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -58.37      | 2          | 1.1              | 39.99      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2374.128        | -46.82      | 2          | -                | 50.44      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2342.256        | -57.92      | 2          | 1.1              | 40.44      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -50.41      | 2          | -                | 46.85      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -58.89      | 2          | 1.1              | 39.47      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -47.78      | 2          | -                | 49.48      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -58.43      | 2          | 1.1              | 39.93      | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2496.112        | -47.17      | 2          | -                | 50.09      | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2484.736        | -57.16      | 2          | 1.1              | 41.2       | Average  | 54             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -49.46      | 2          | -                | 47.8       | Peak     | 74             | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -57.85      | 2          | 1.1              | 40.51      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -50.12      | 2          | -                | 47.14      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -59.13      | 2          | 1.12             | 39.25      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2320.656        | -47.41      | 2          | -                | 49.85      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2387.472        | -57.68      | 2          | 1.12             | 40.7       | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -50.74      | 2          | -                | 46.52      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -58.32      | 2          | 1.12             | 40.06      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -49.02      | 2          | -                | 48.24      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -57.52      | 2          | 1.12             | 40.86      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2483.704        | -46.78      | 2          | -                | 50.48      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2495.68         | -57.19      | 2          | 1.12             | 41.19      | Average  | 54             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -51.54      | 2          | -                | 45.72      | Peak     | 74             | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -58.18      | 2          | 1.12             | 40.2       | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -51.15      | 2          | -                | 46.11      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2310            | -58.31      | 2          | 1.12             | 40.07      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2376.048        | -47.2       | 2          | -                | 50.06      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2387.472        | -57.76      | 2          | 1.12             | 40.62      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -49.79      | 2          | -                | 47.47      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant     | No-Hopping   | 2390            | -58.45      | 2          | 1.12             | 39.93      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -47.87      | 2          | -                | 49.39      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.5          | -57.15      | 2          | 1.12             | 41.23      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.704        | -47.04      | 2          | -                | 50.22      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2483.68         | -56.92      | 2          | 1.12             | 41.46      | Average  | 54             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -49.34      | 2          | -                | 47.92      | Peak     | 74             | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant     | No-Hopping   | 2500            | -58.44      | 2          | 1.12             | 39.94      | Average  | 54             | Pass    |



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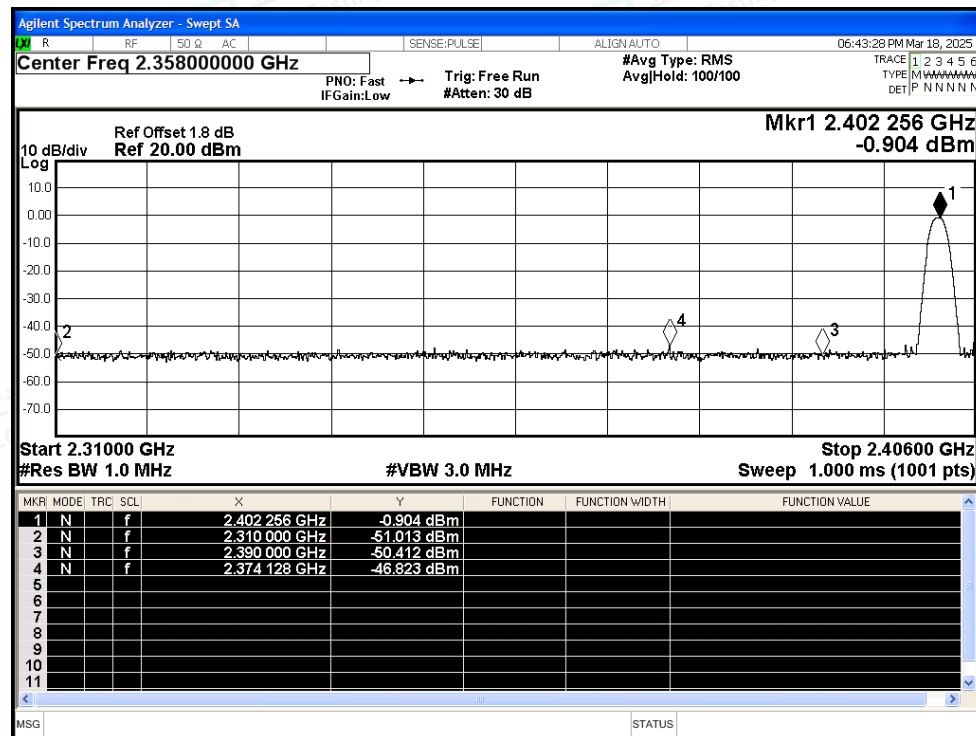
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

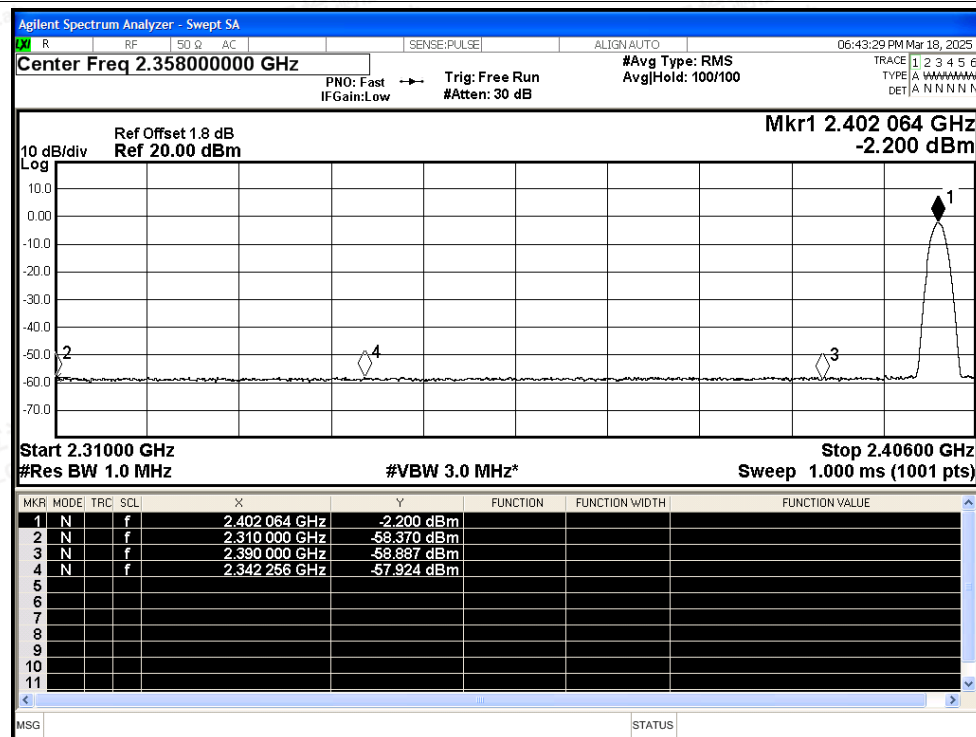


## Test Graphs

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



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



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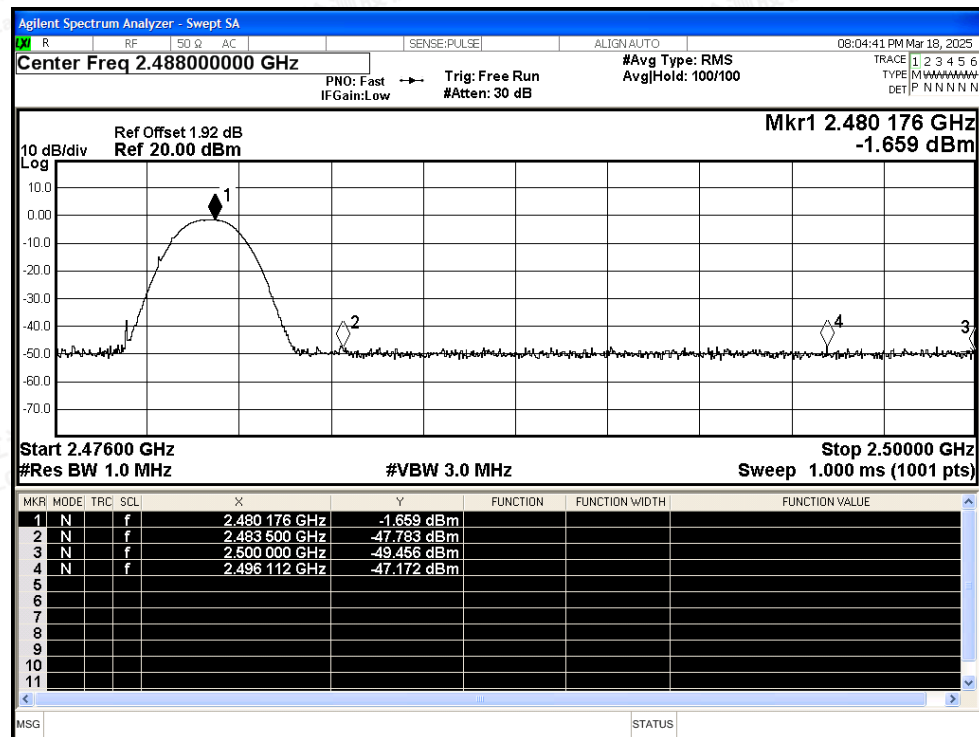
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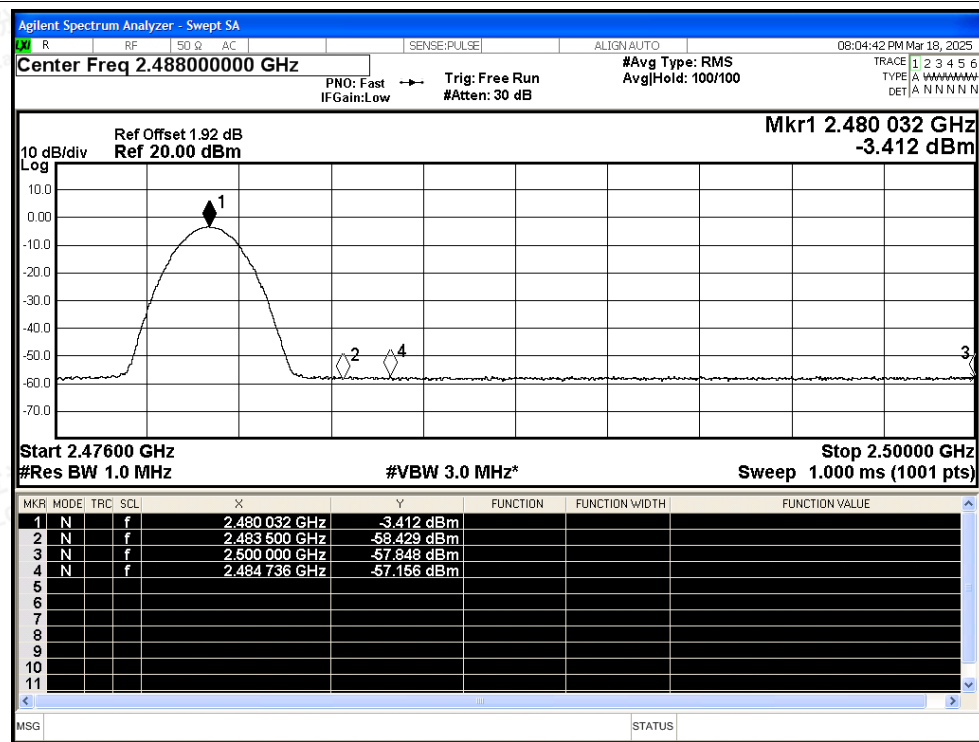




## Restrict Band NVNT 1-DH5 2480MHz Ant No-Hopping Peak



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



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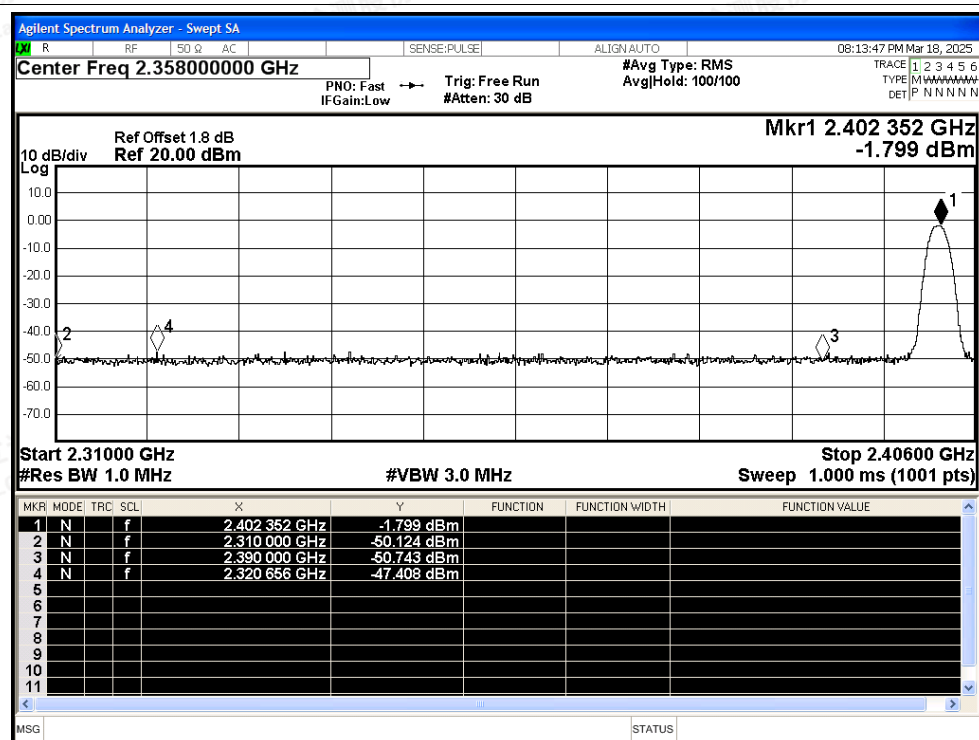
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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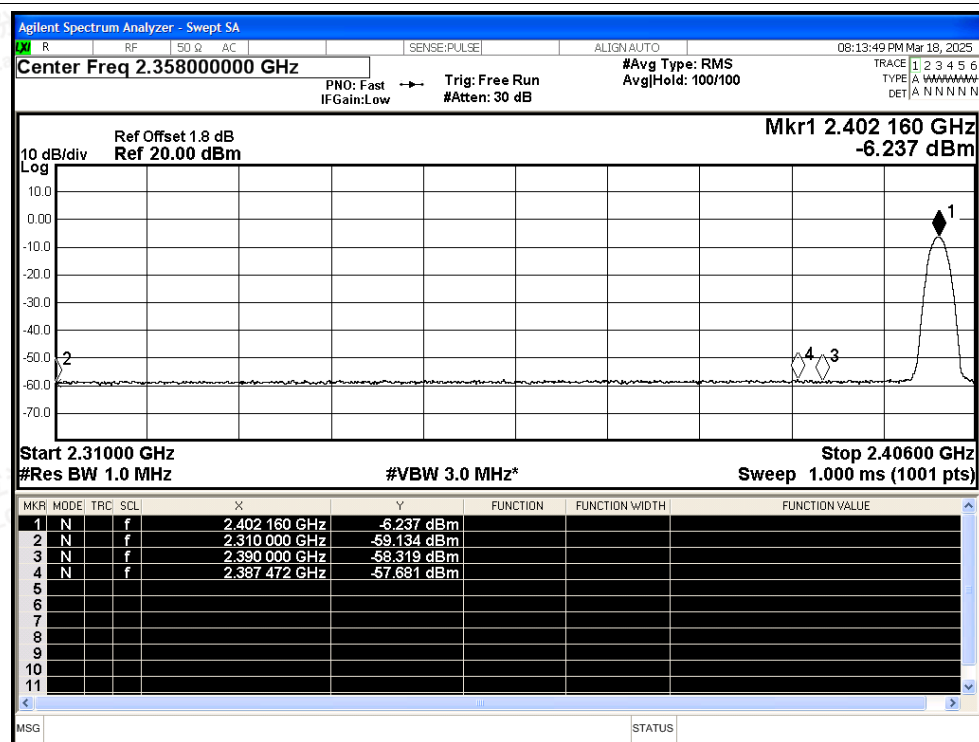




## Restrict Band NVNT 2-DH5 2402MHz Ant No-Hopping Peak



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

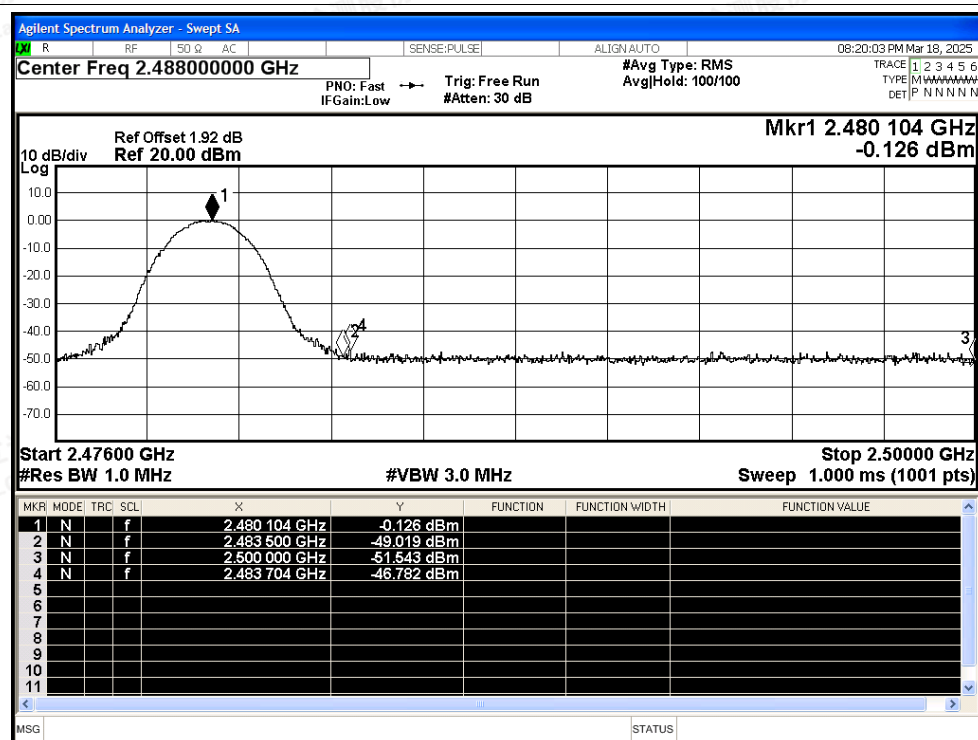
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

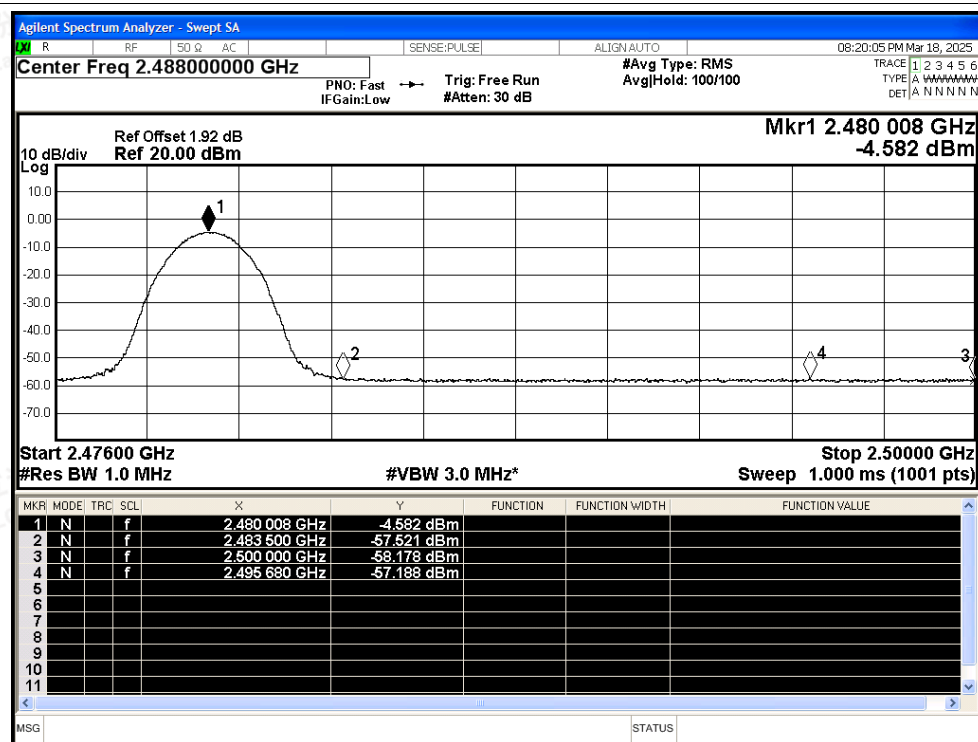
Scan code to check authenticity



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



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



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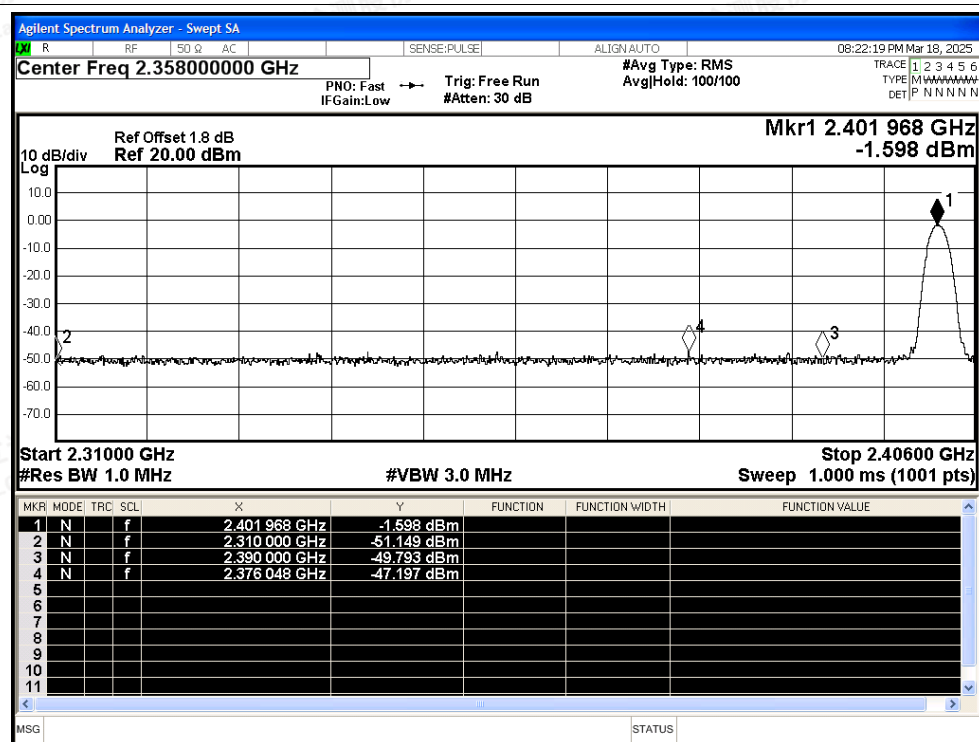
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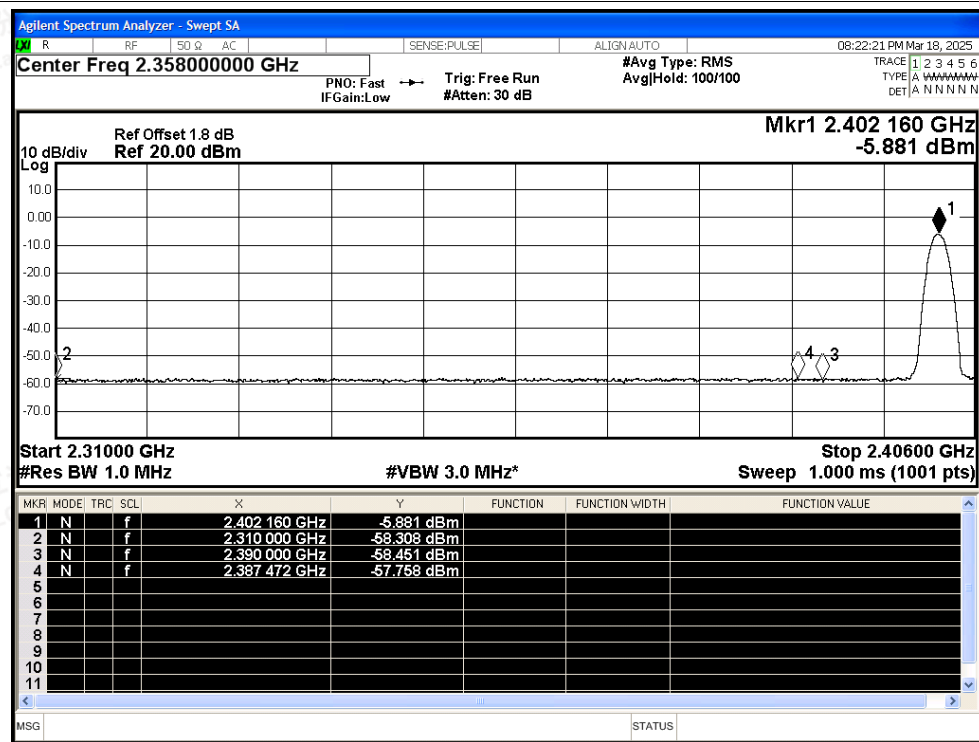
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## Restrict Band NVNT 3-DH5 2402MHz Ant No-Hopping Peak



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



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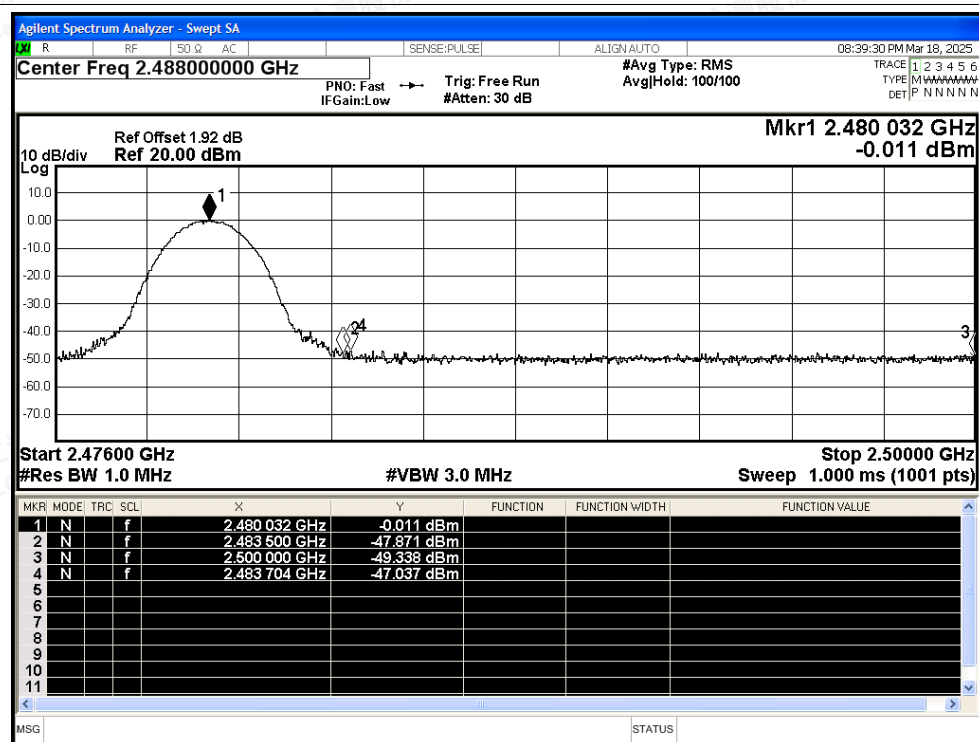
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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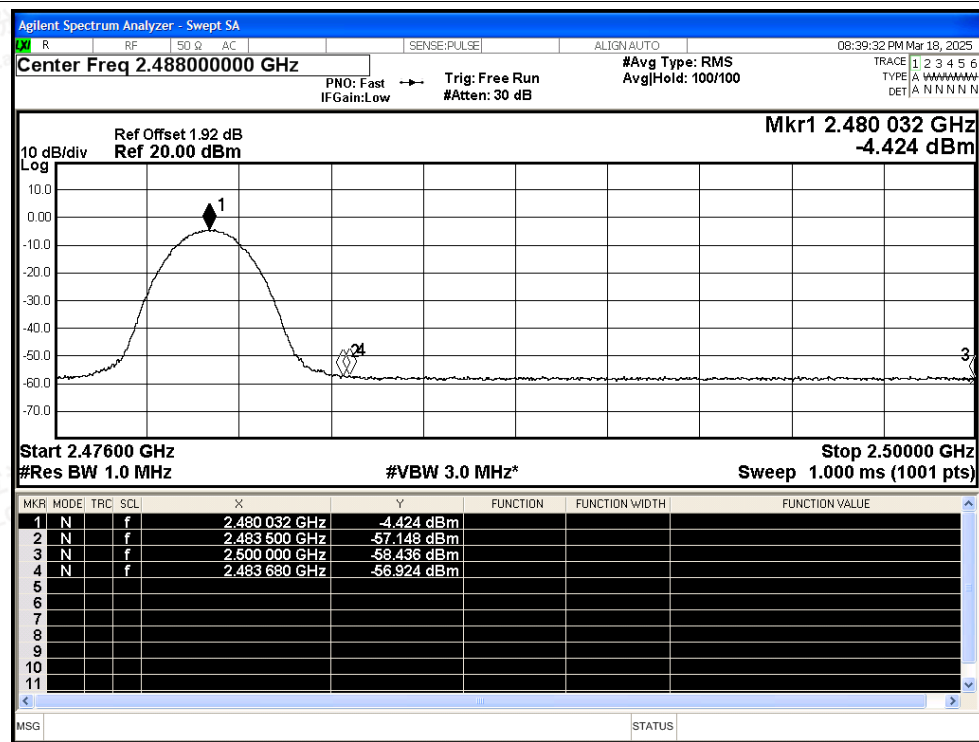
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## Restrict Band NVNT 3-DH5 2480MHz Ant No-Hopping Peak



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



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