



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: OTT Box

Test Model: SN6BTB5

Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8° C    |
| Relative Humidity: | 52.5%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Jerry Chu  |
| Supervised by:     | Paddi Chen |





## C.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 8.468                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant1    | 7.478                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant1    | 8.059                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant1    | 15.886                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.287                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.402                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 16.834                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.542                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.572                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.504                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.637                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 36.106                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 16.983                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 17.528                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 17.568                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 35.604                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 35.652                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 35.038                | $\geq 0.5$                  | Pass    |



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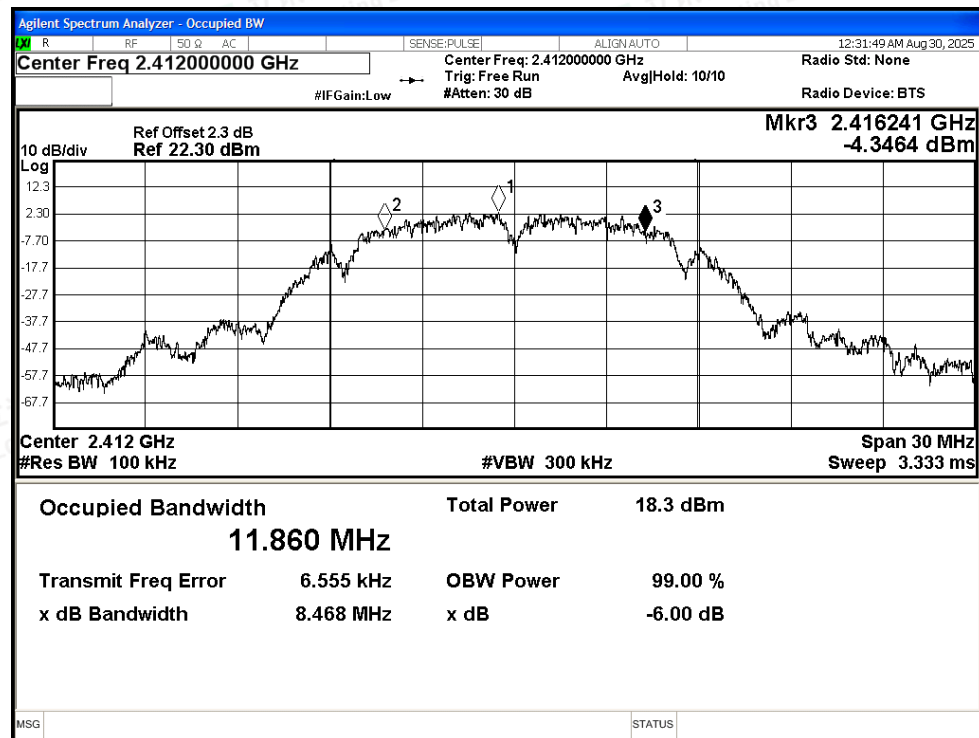
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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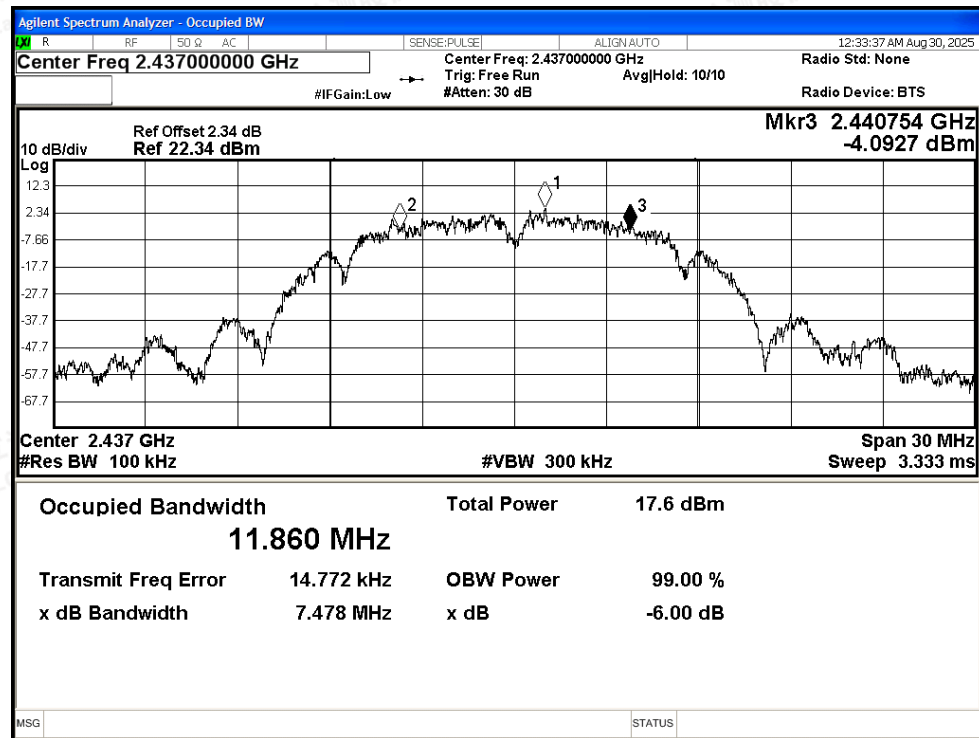


## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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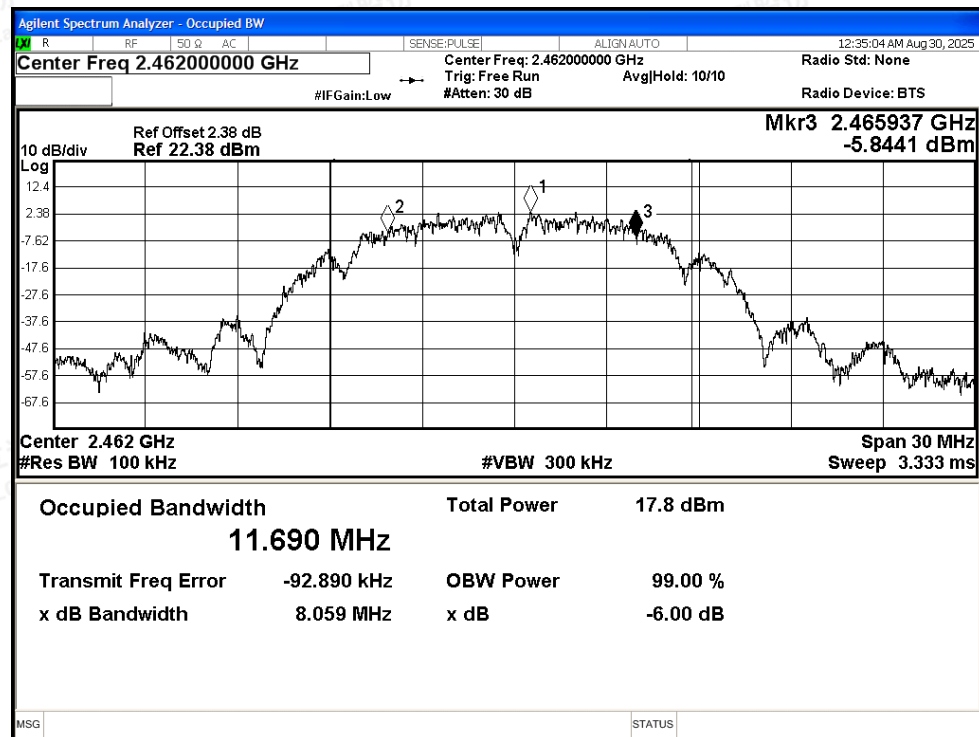
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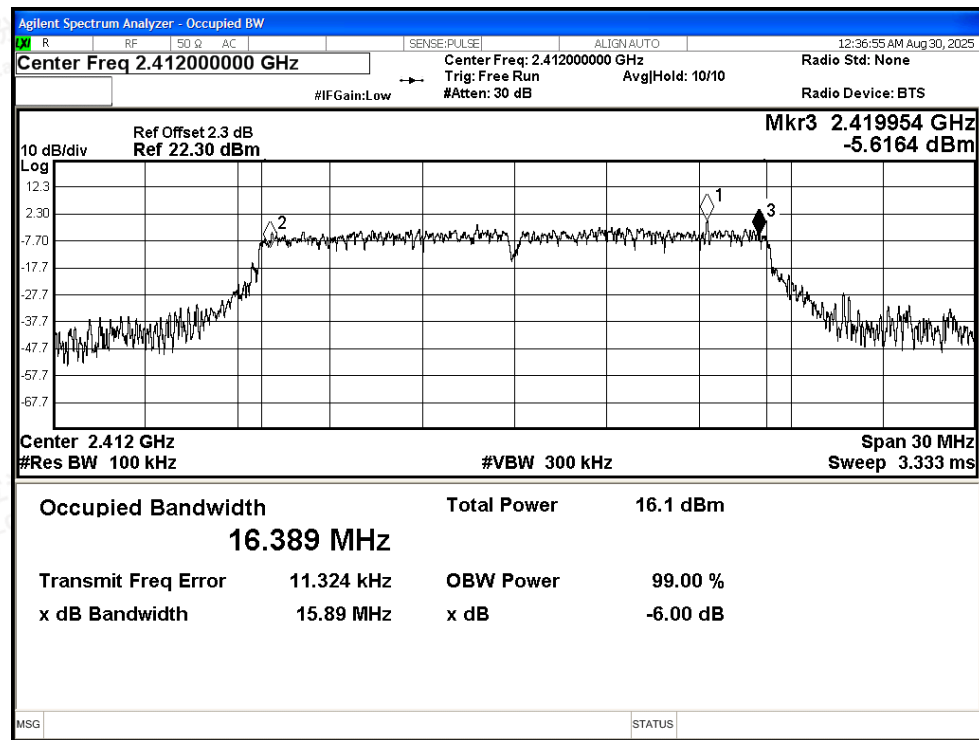
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## -6dB Bandwidth NVNT b 2462MHz Ant1



## -6dB Bandwidth NVNT g 2412MHz Ant1



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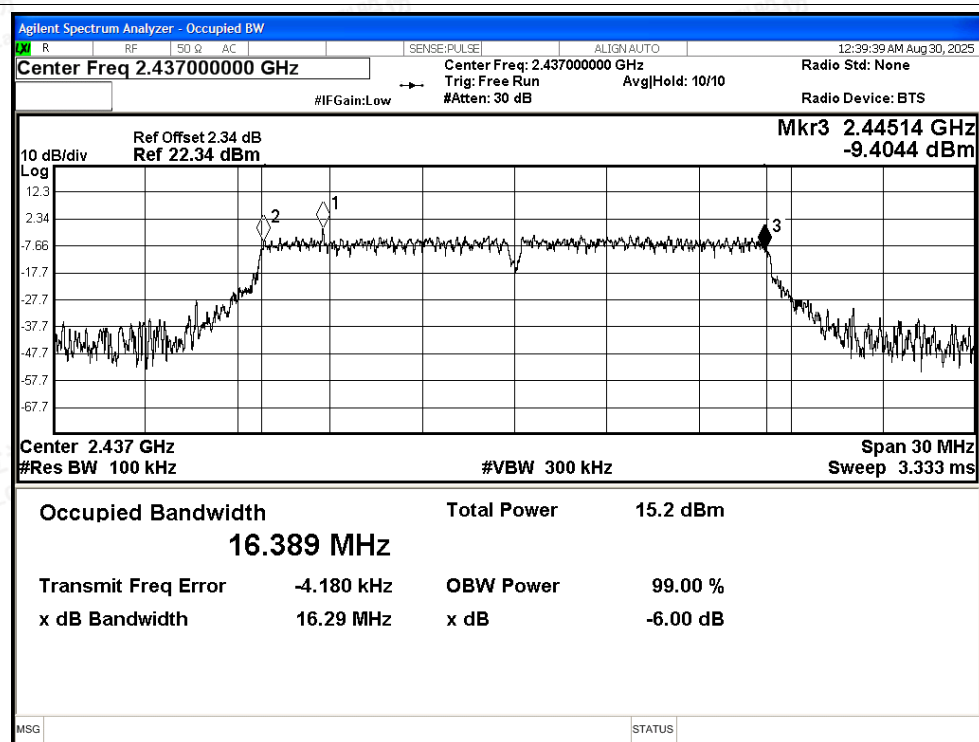
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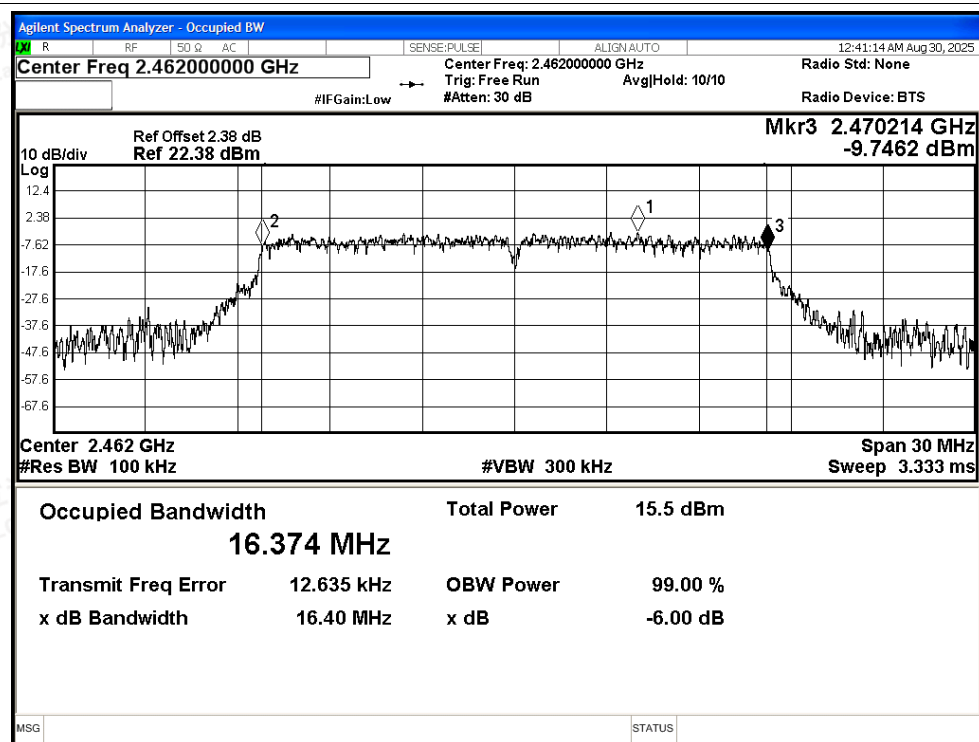
Scan code to check authenticity



## -6dB Bandwidth NVNT g 2437MHz Ant1



## -6dB Bandwidth NVNT g 2462MHz Ant1



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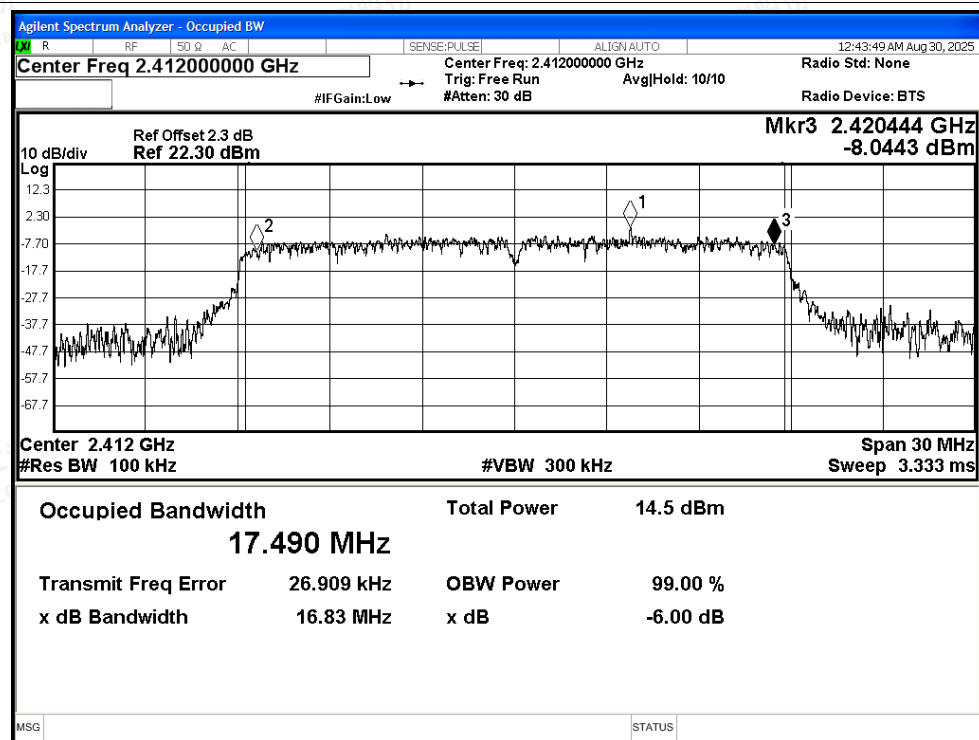
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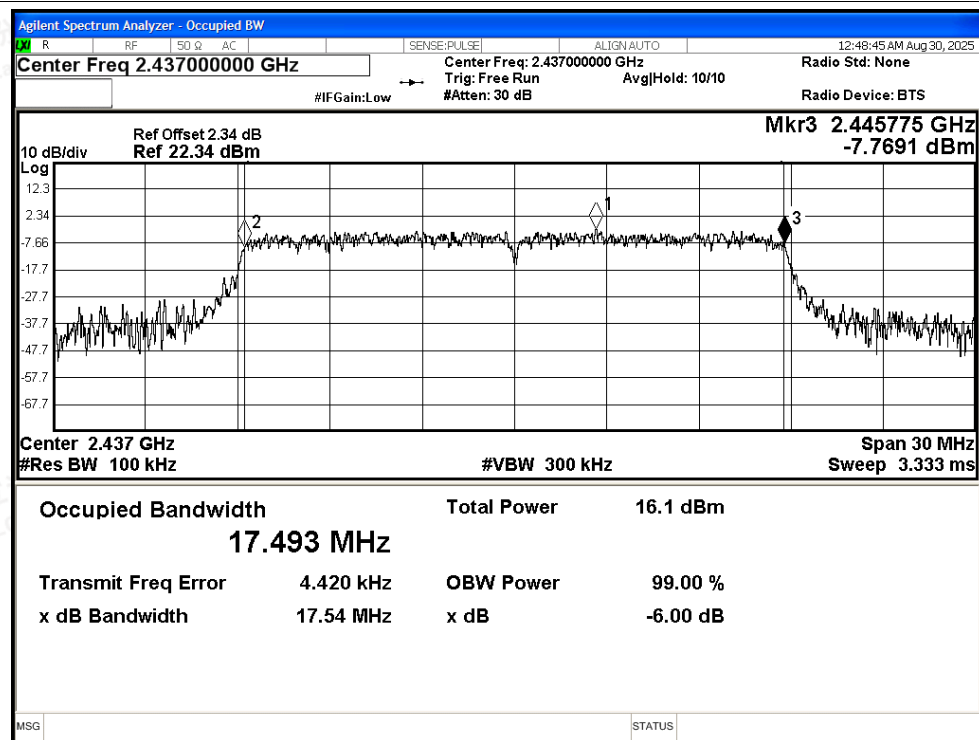
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## -6dB Bandwidth NVNT n20 2412MHz Ant1



## -6dB Bandwidth NVNT n20 2437MHz Ant1



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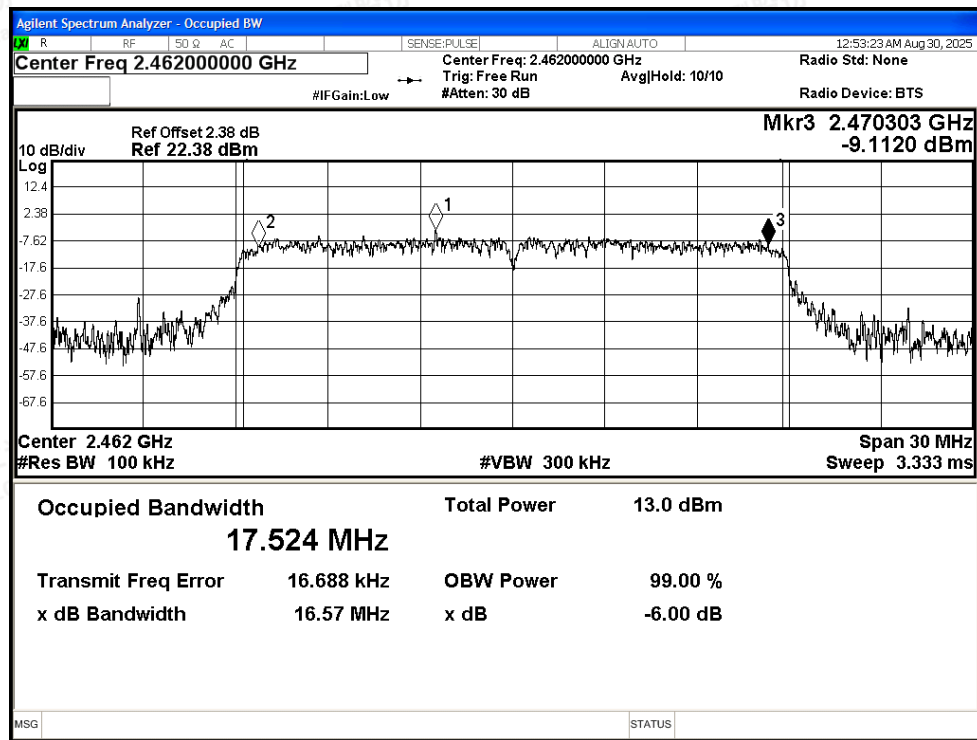
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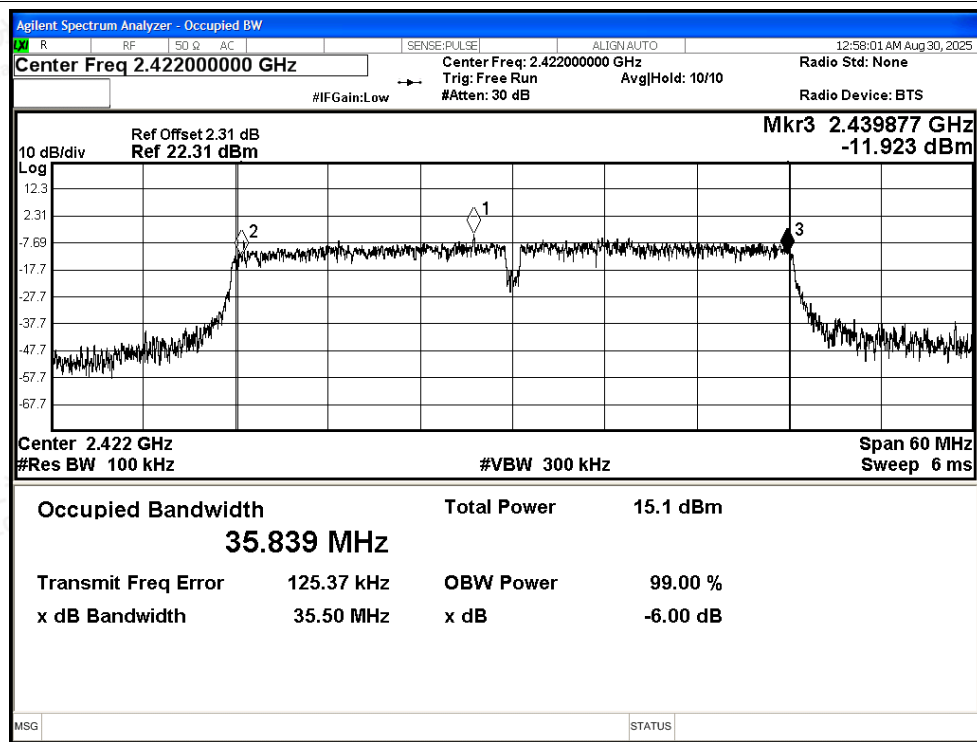
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## -6dB Bandwidth NVNT n20 2462MHz Ant1



## -6dB Bandwidth NVNT n40 2422MHz Ant1



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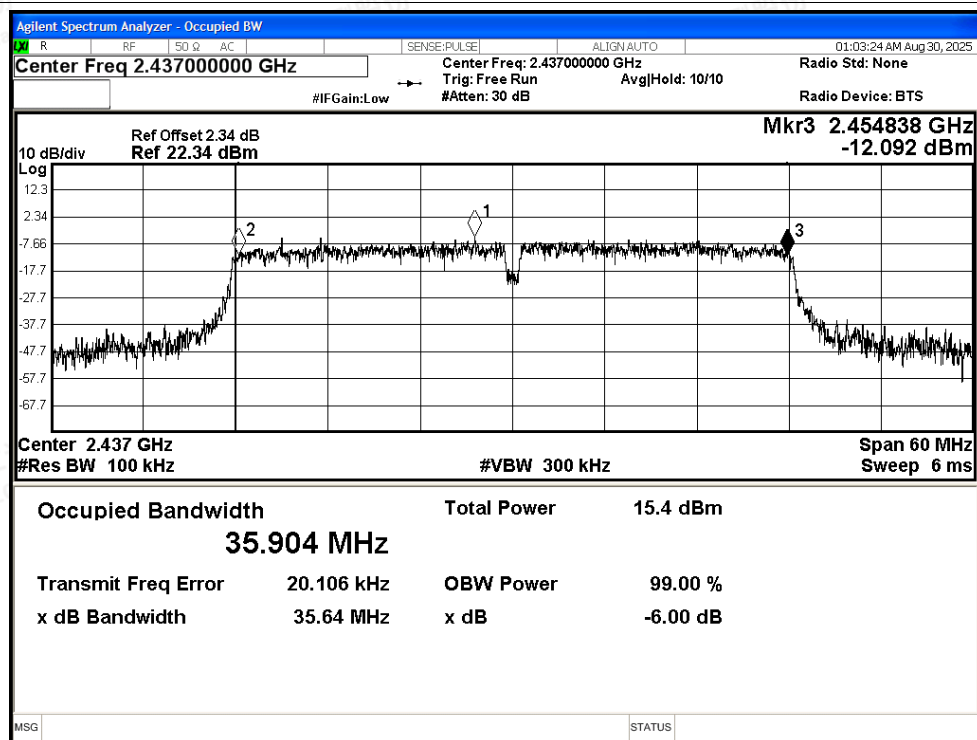
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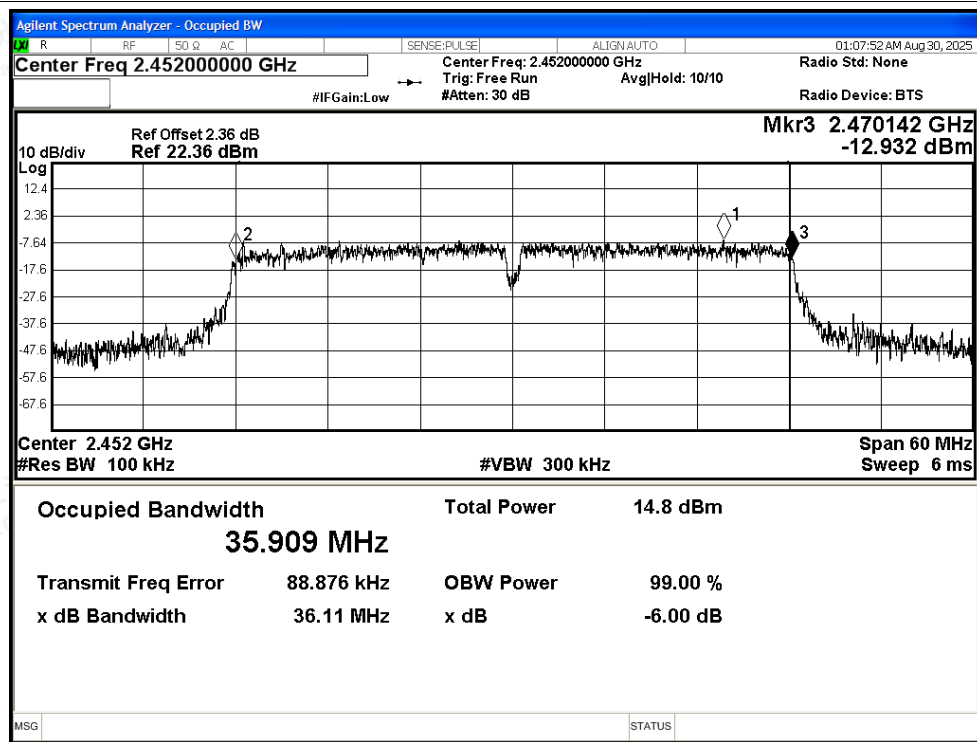
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## -6dB Bandwidth NVNT n40 2437MHz Ant1



## -6dB Bandwidth NVNT n40 2452MHz Ant1



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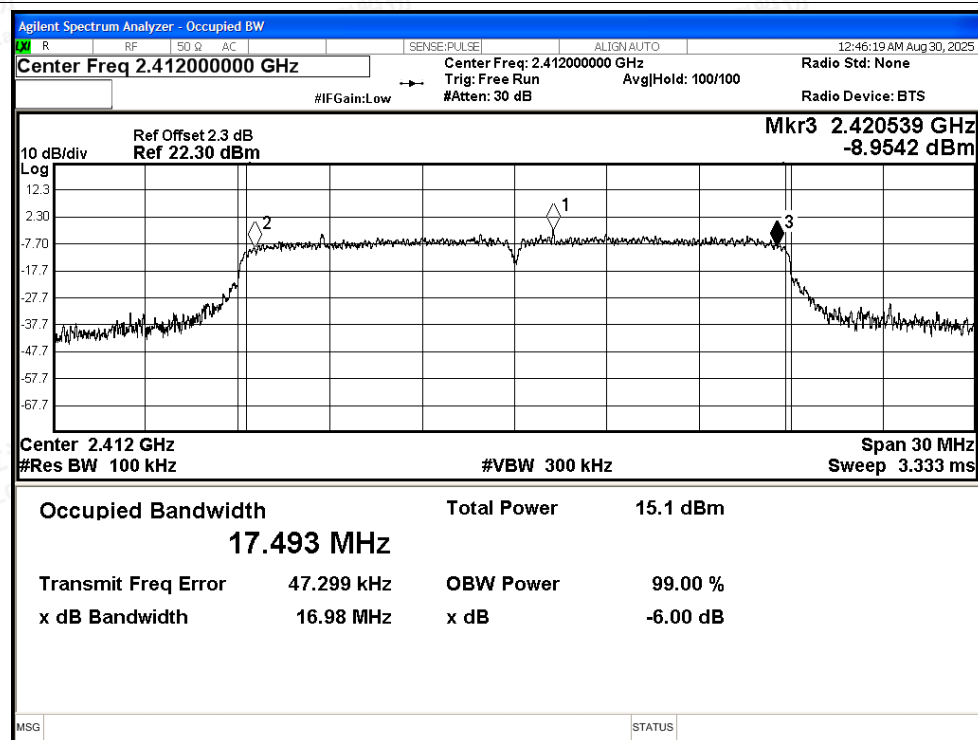
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

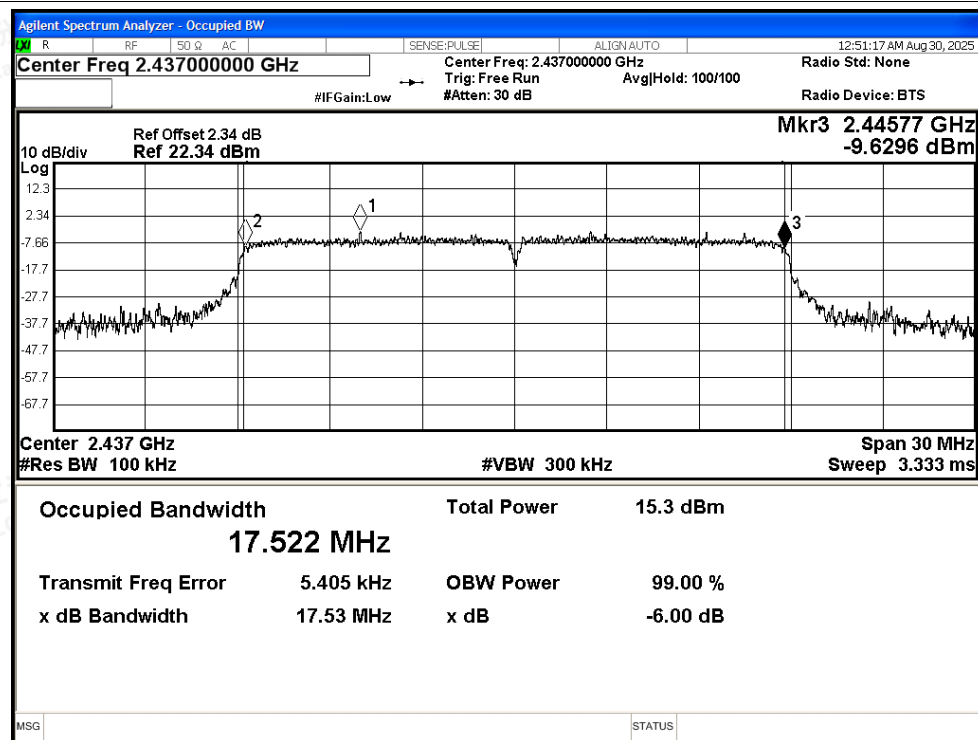
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## -6dB Bandwidth NVNT ax20 2412MHz Ant1



## -6dB Bandwidth NVNT ax20 2437MHz Ant1



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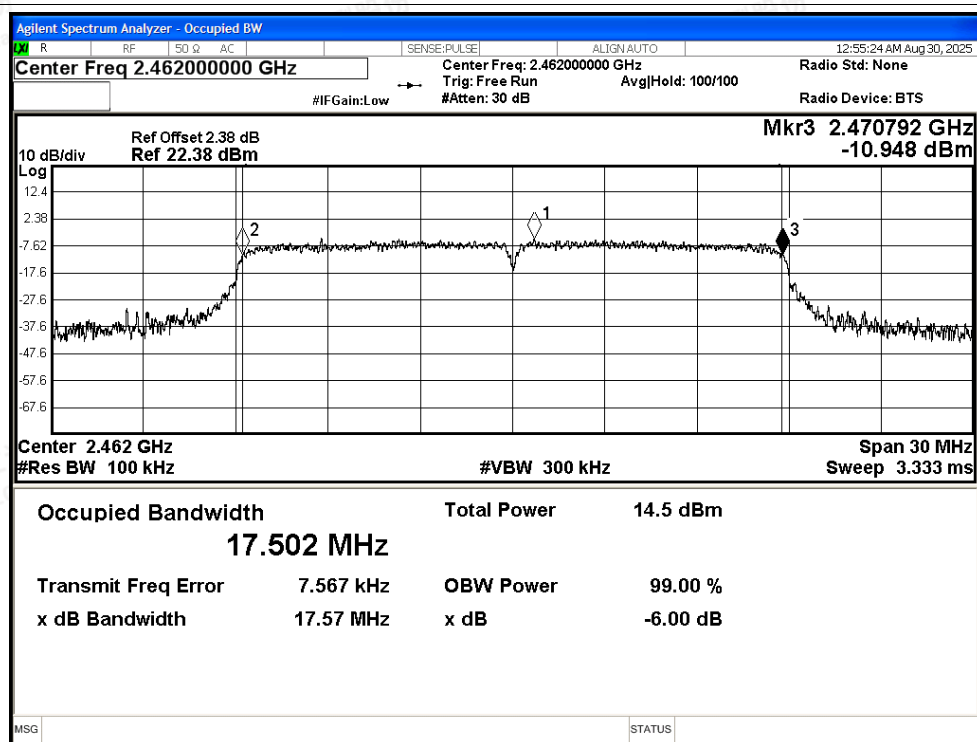
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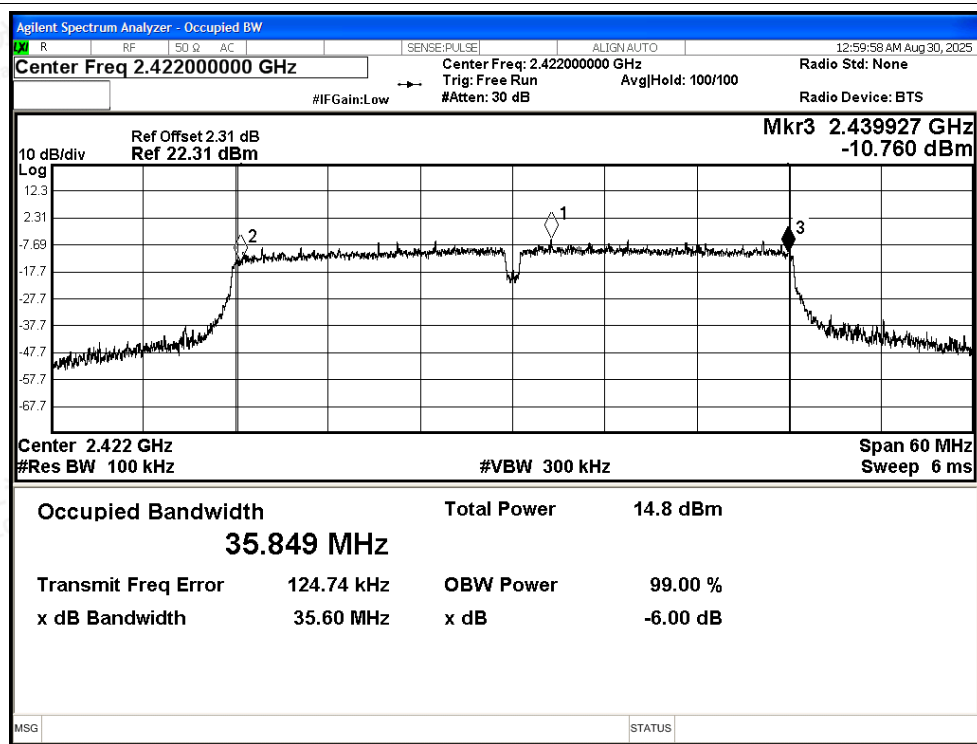
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## -6dB Bandwidth NVNT ax20 2462MHz Ant1



## -6dB Bandwidth NVNT ax40 2422MHz Ant1



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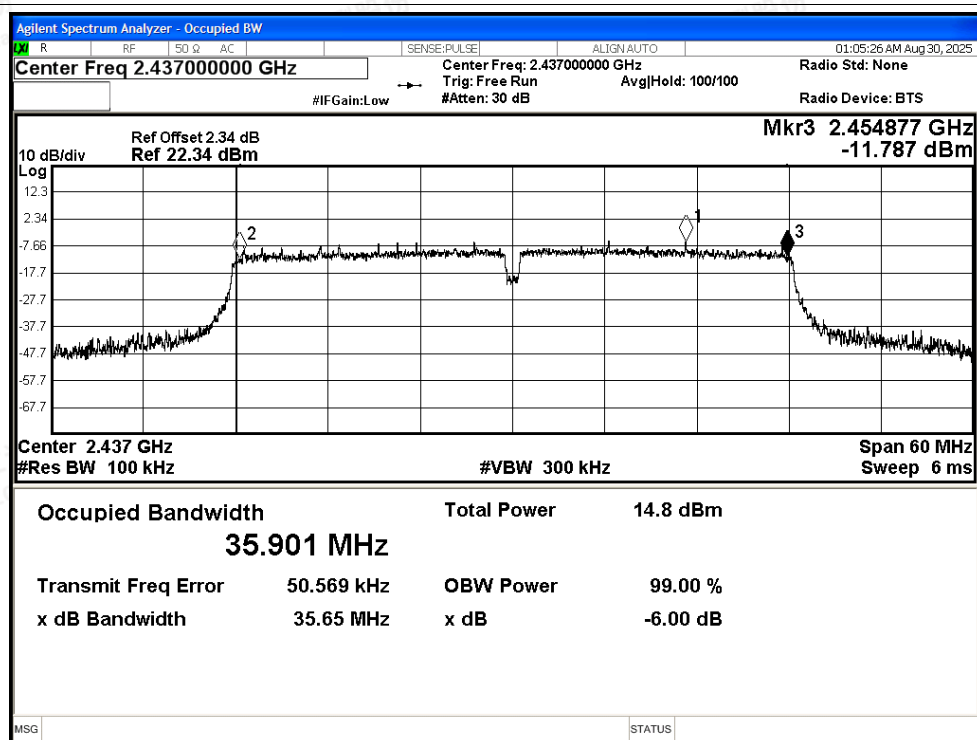
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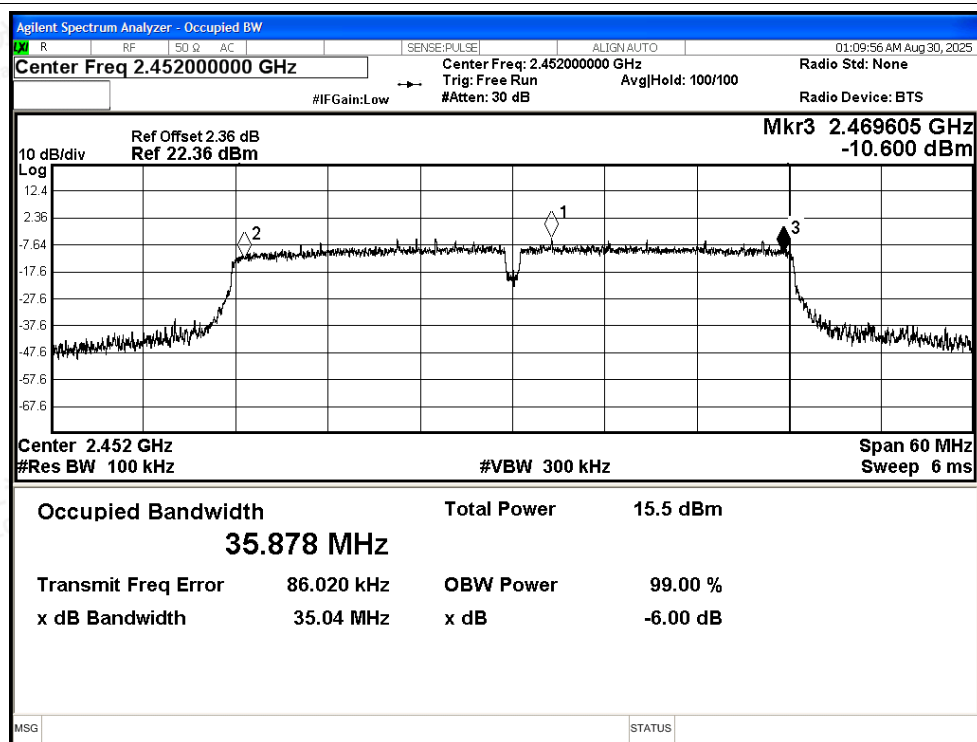
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## -6dB Bandwidth NVNT ax40 2437MHz Ant1



## -6dB Bandwidth NVNT ax40 2452MHz Ant1



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| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant2    | 6.139                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant2    | 7.814                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant2    | 8.627                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant2    | 16.386                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant2    | 16.379                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant2    | 15.945                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant2    | 17.149                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant2    | 16.829                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant2    | 17.65                 | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant2    | 35.863                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant2    | 35.511                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant2    | 35.756                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2412            | Ant2    | 16.556                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2437            | Ant2    | 17.144                | $\geq 0.5$                  | Pass    |
| NVNT      | ax20 | 2462            | Ant2    | 16.711                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2422            | Ant2    | 35.444                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2437            | Ant2    | 35.334                | $\geq 0.5$                  | Pass    |
| NVNT      | ax40 | 2452            | Ant2    | 35.463                | $\geq 0.5$                  | Pass    |



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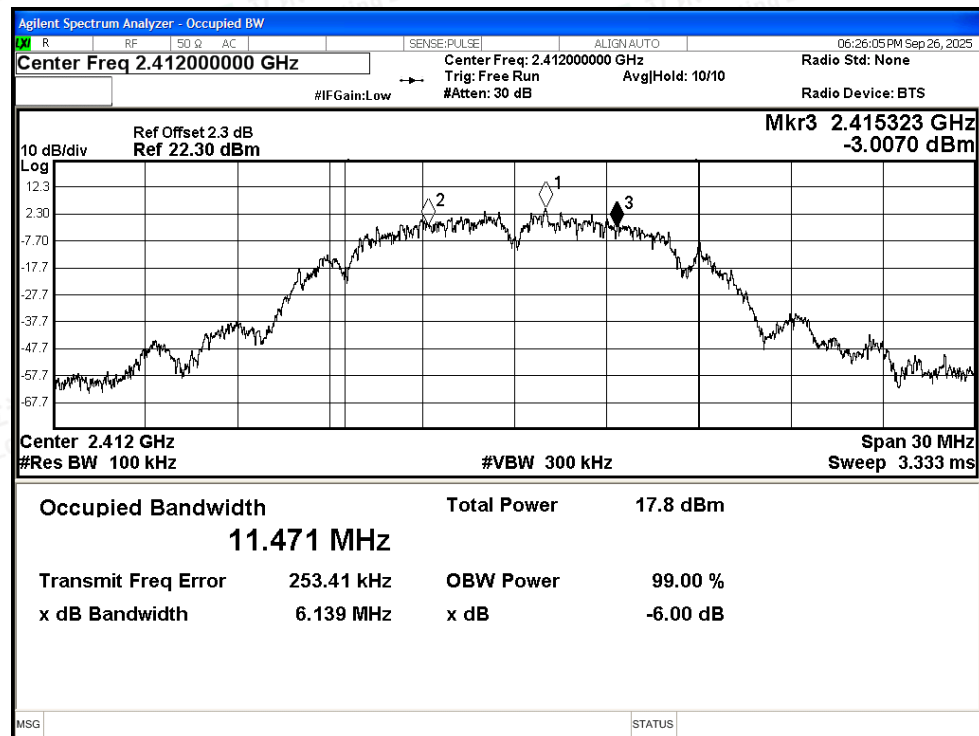
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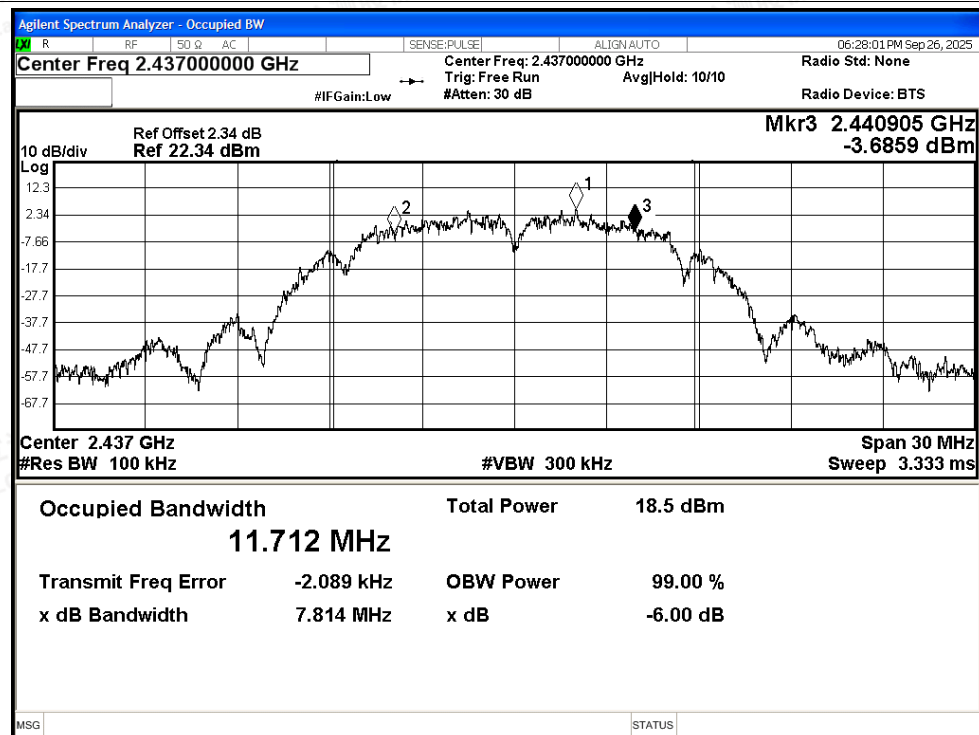


## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant2



-6dB Bandwidth NVNT b 2437MHz Ant2



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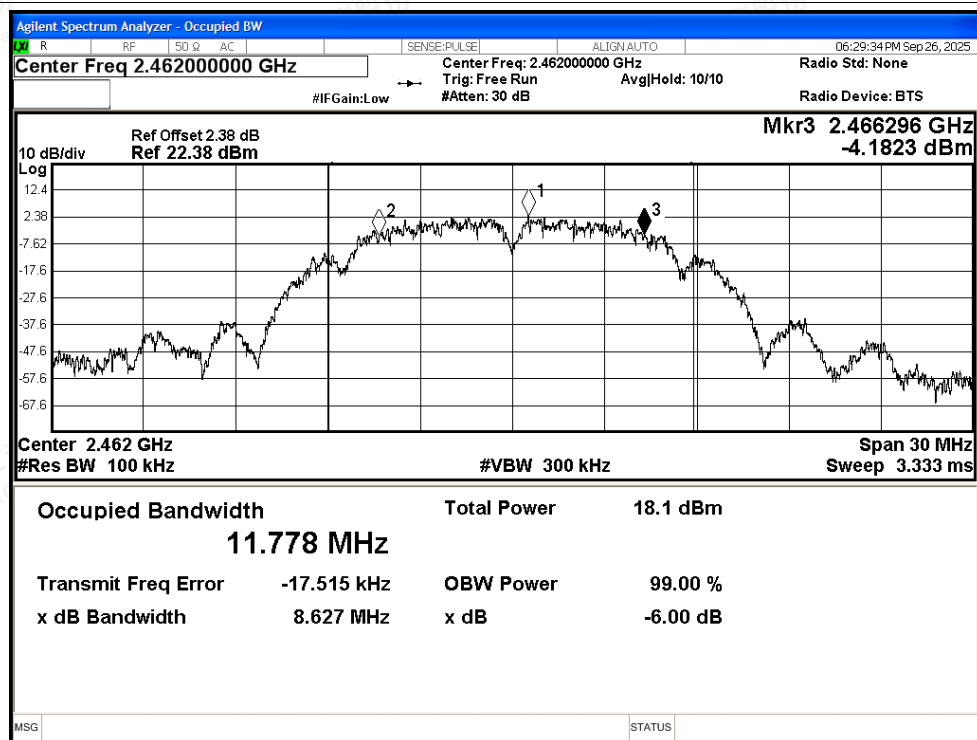
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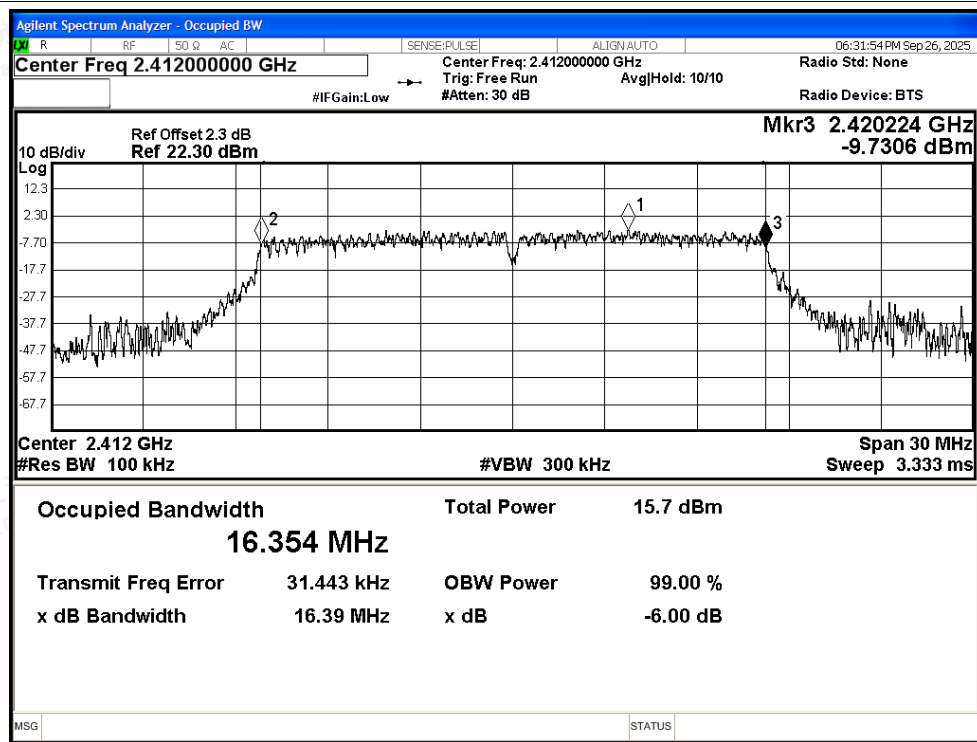
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## -6dB Bandwidth NVNT b 2462MHz Ant2



## -6dB Bandwidth NVNT g 2412MHz Ant2



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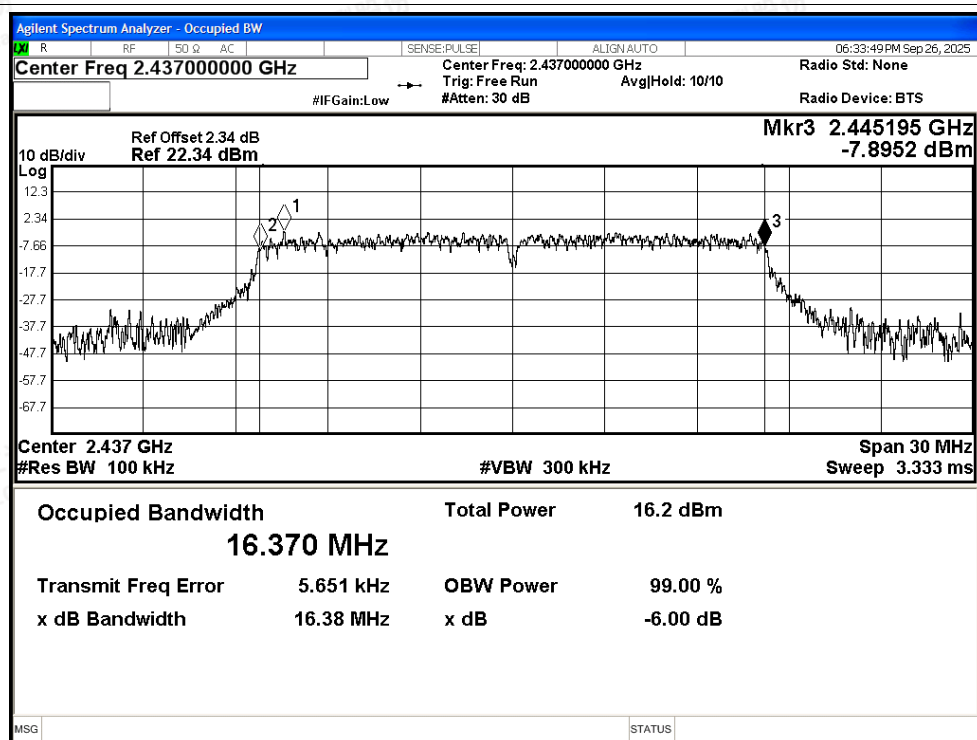
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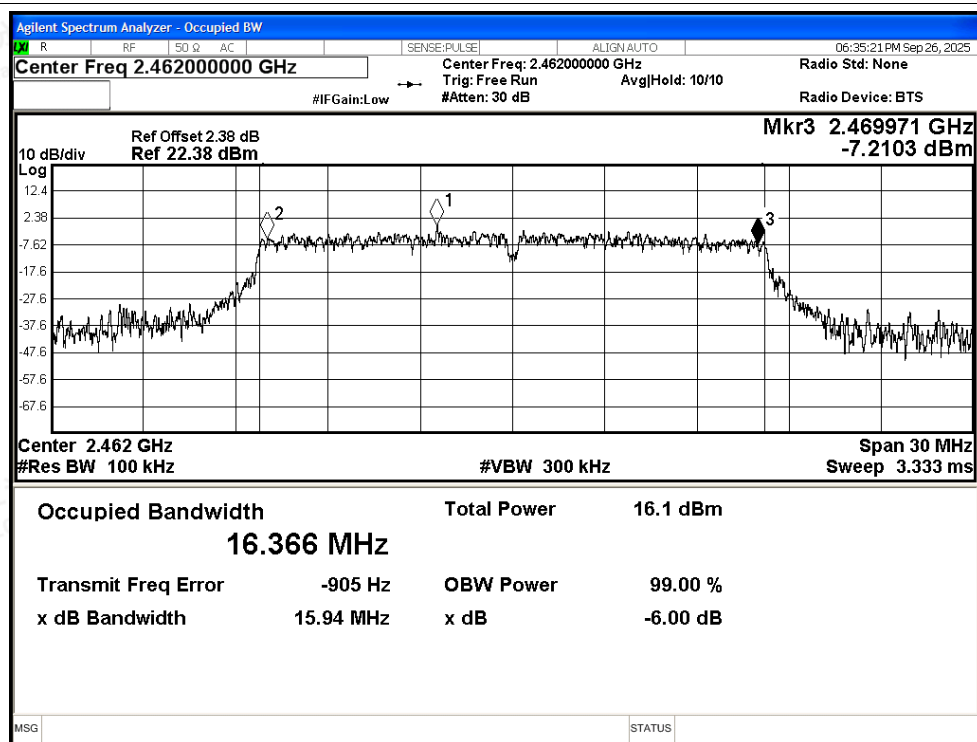
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## -6dB Bandwidth NVNT g 2437MHz Ant2



## -6dB Bandwidth NVNT g 2462MHz Ant2



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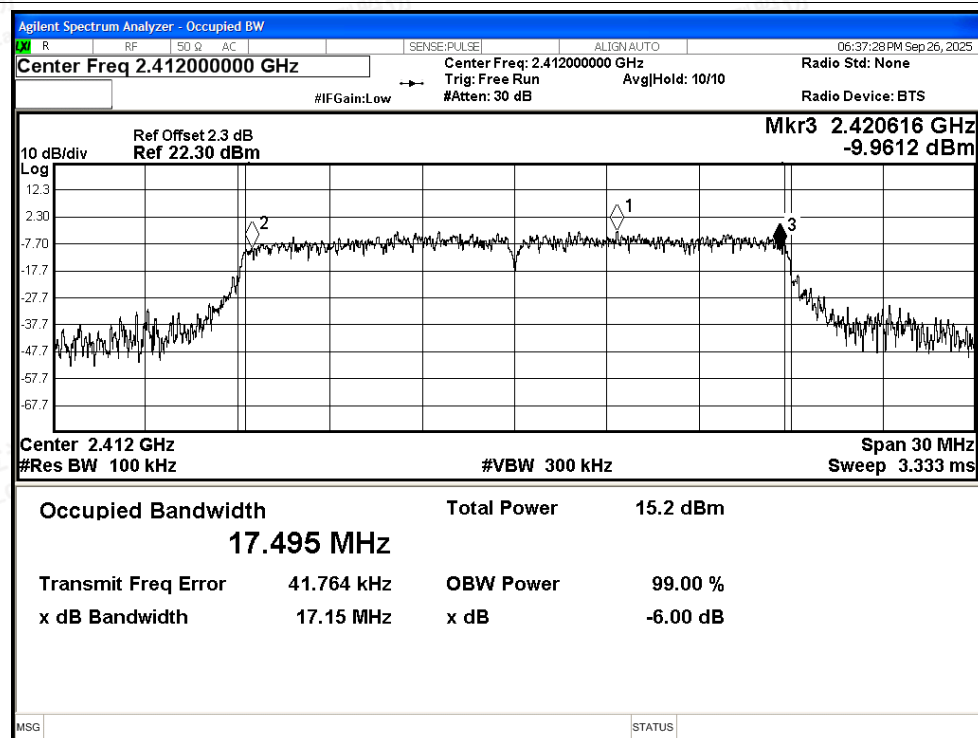
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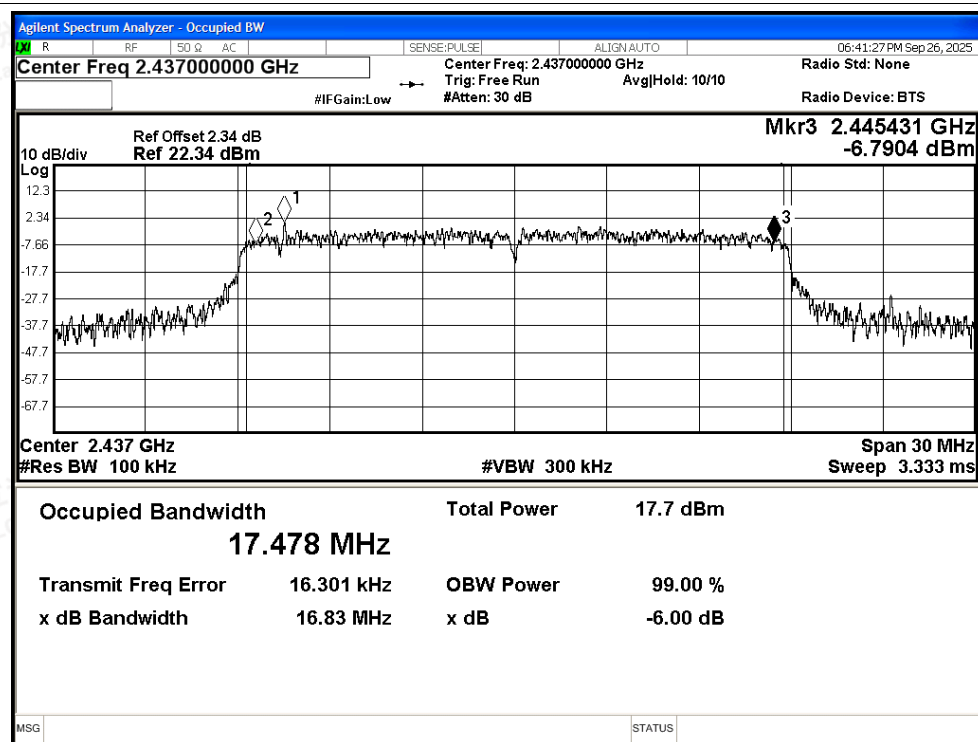
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 2412MHz Ant2



## -6dB Bandwidth NVNT n20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

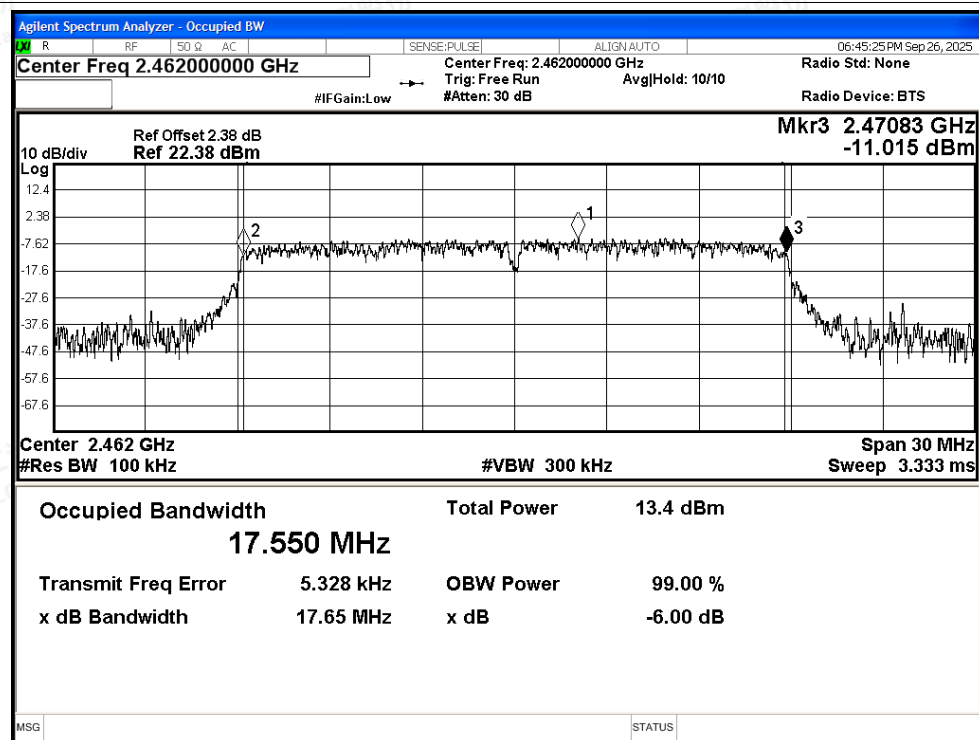
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

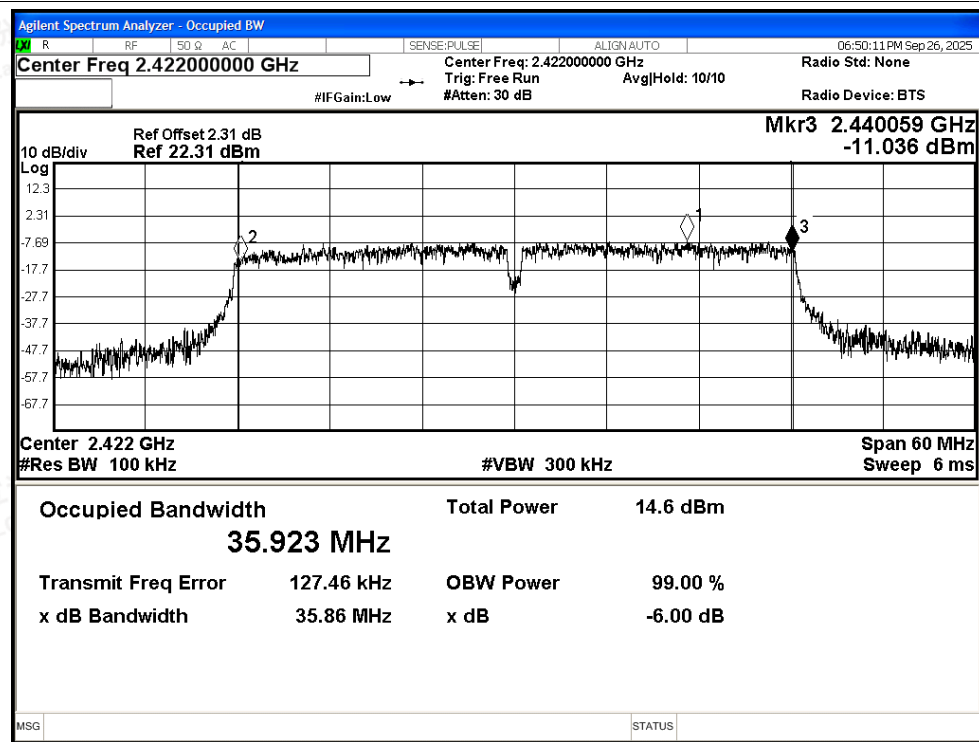
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 2462MHz Ant2



## -6dB Bandwidth NVNT n40 2422MHz Ant2



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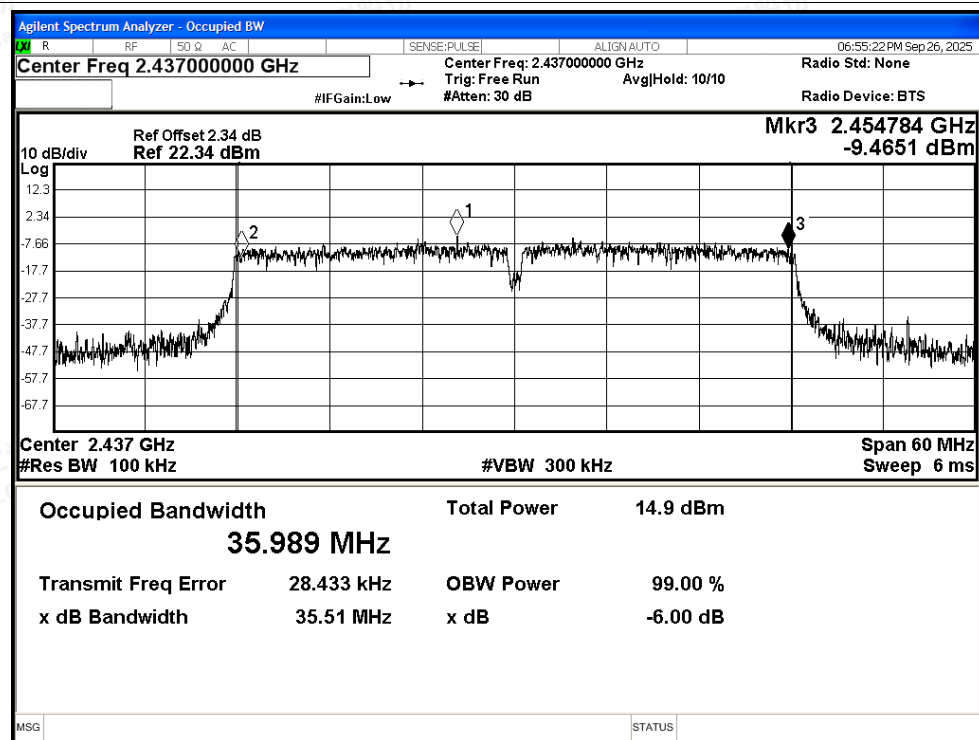
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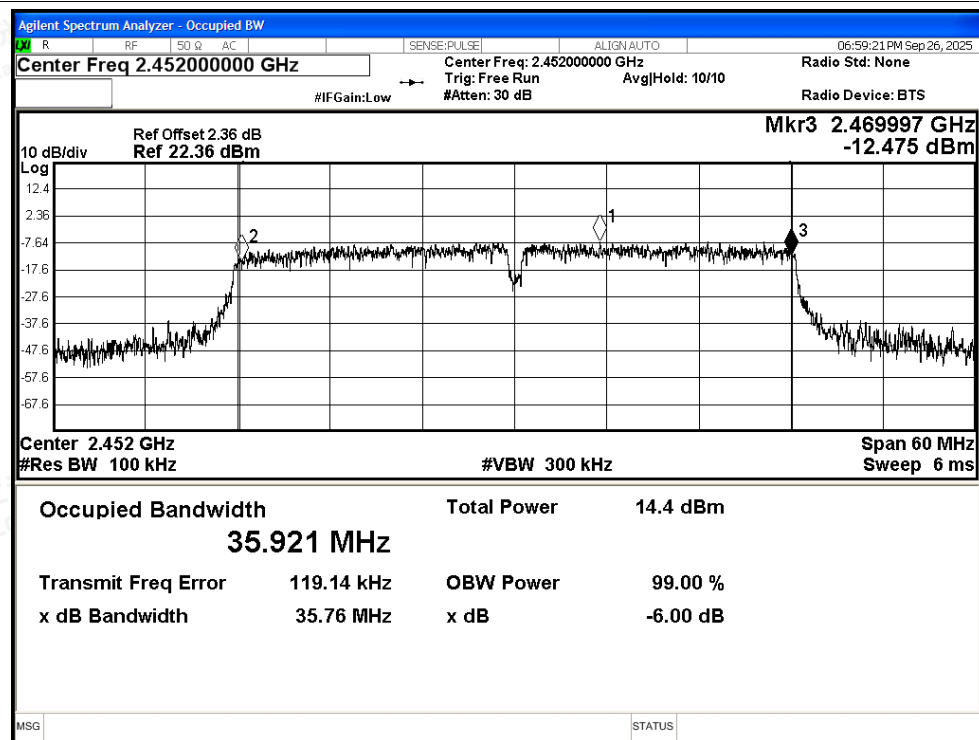
Scan code to check authenticity



## -6dB Bandwidth NVNT n40 2437MHz Ant2



## -6dB Bandwidth NVNT n40 2452MHz Ant2



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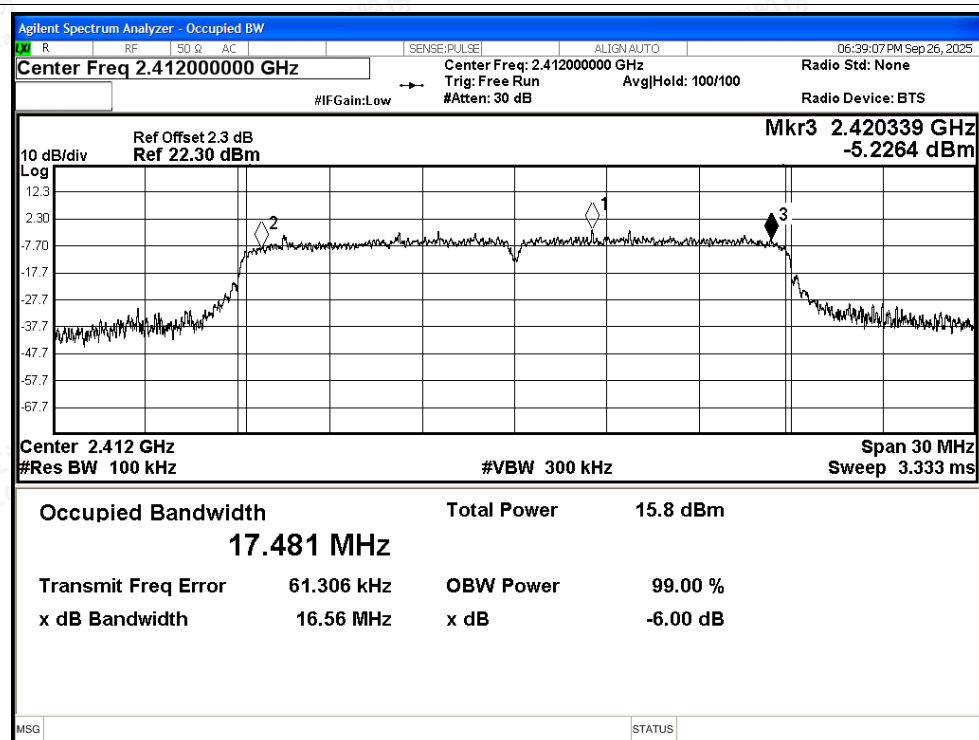
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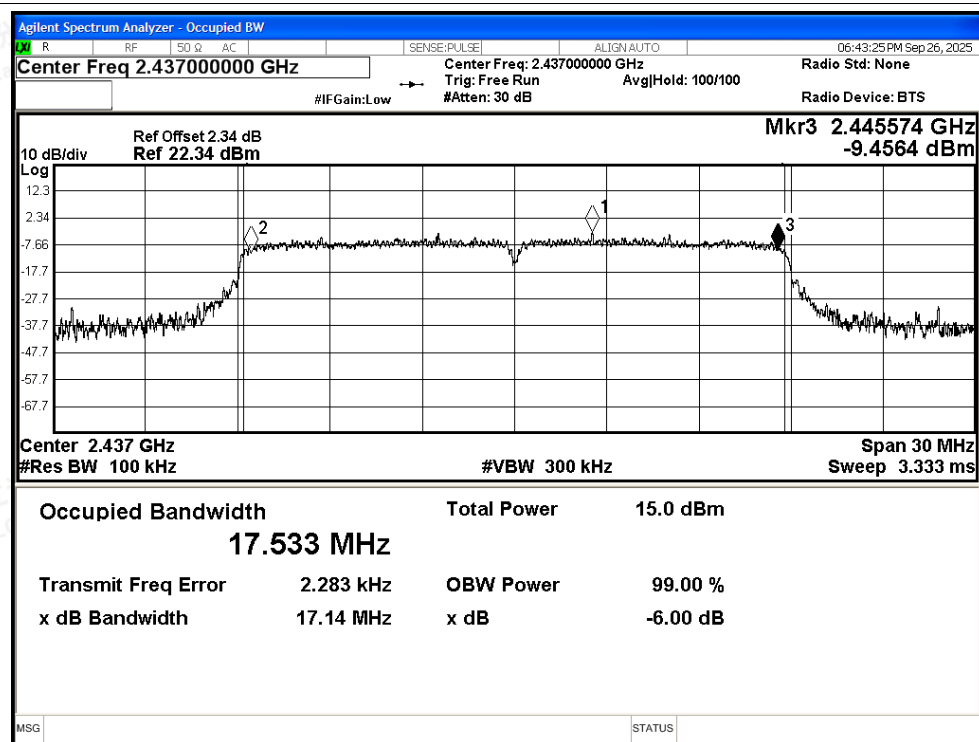
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## -6dB Bandwidth NVNT ax20 2412MHz Ant2



## -6dB Bandwidth NVNT ax20 2437MHz Ant2



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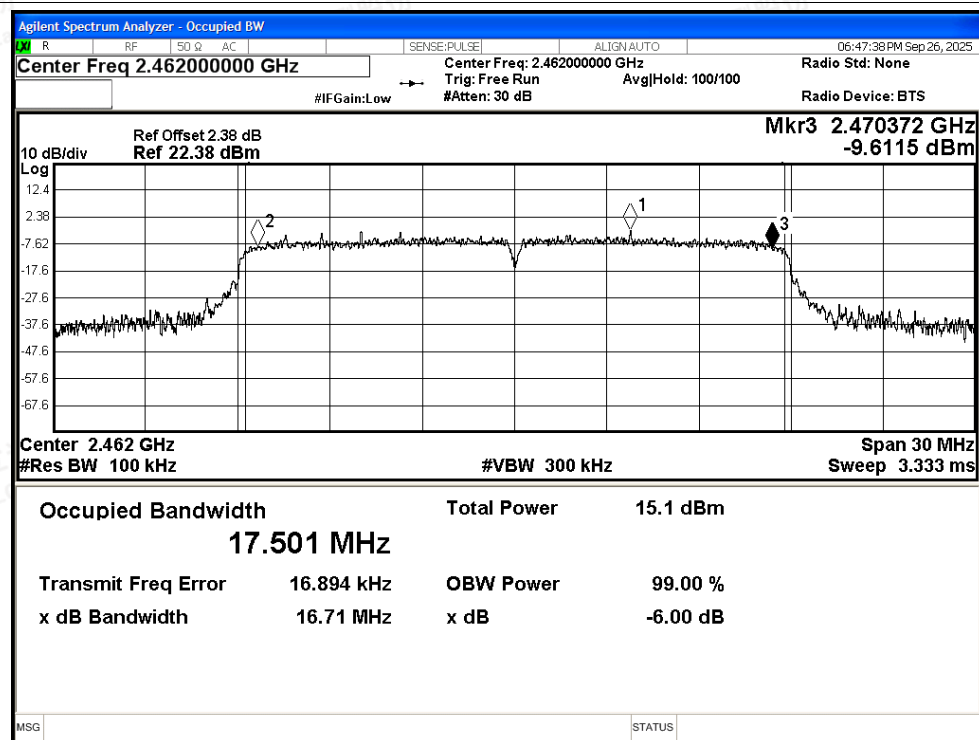
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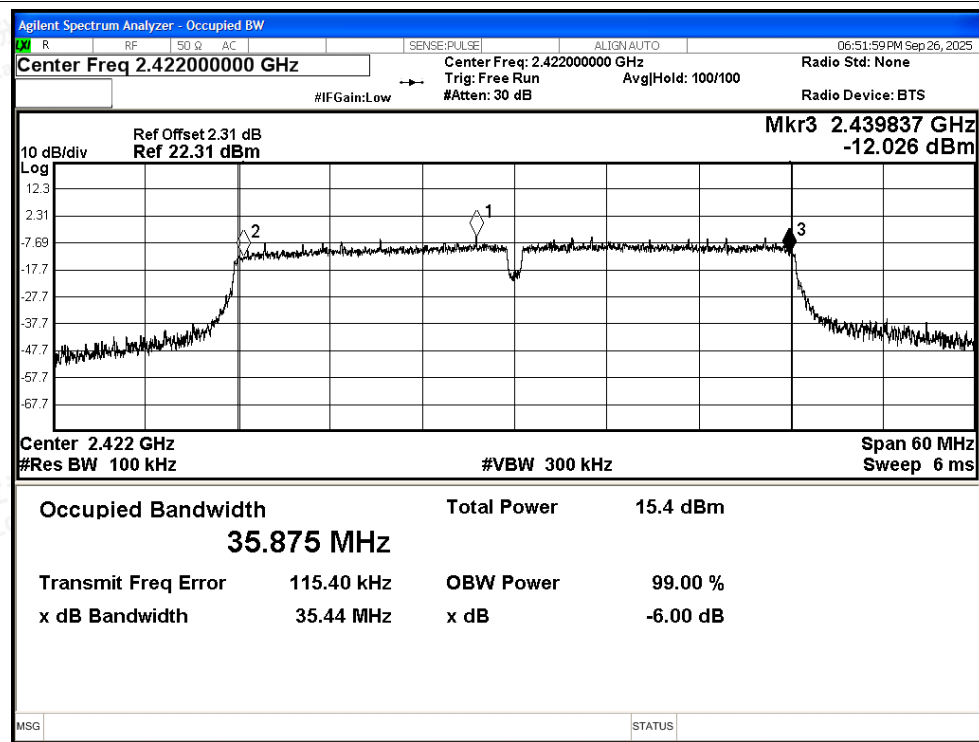
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## -6dB Bandwidth NVNT ax20 2462MHz Ant2



## -6dB Bandwidth NVNT ax40 2422MHz Ant2



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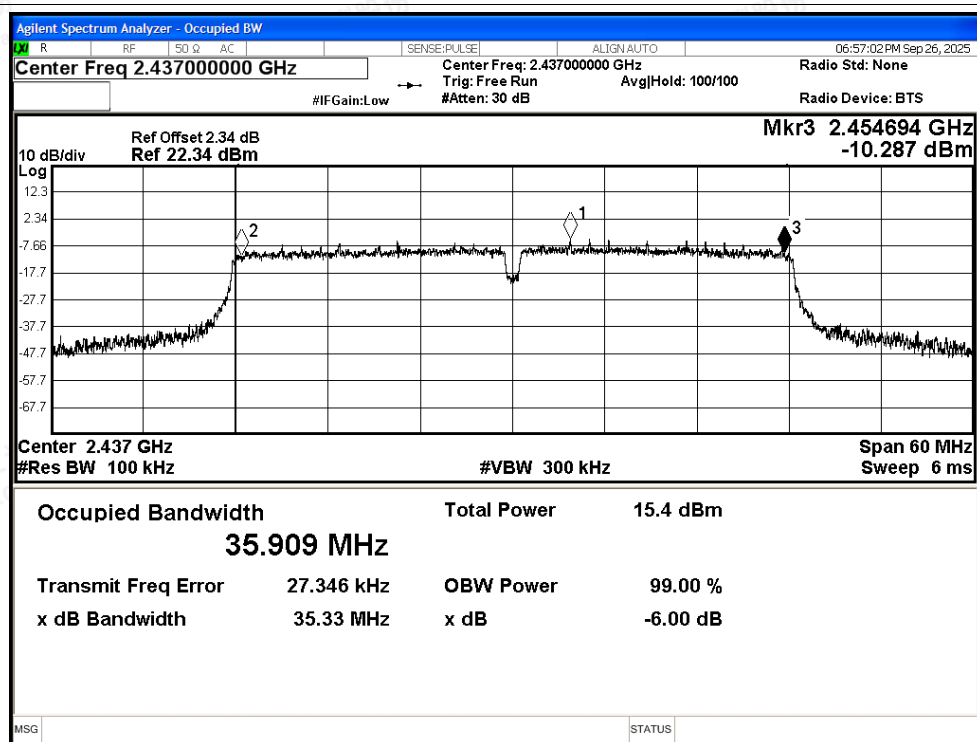
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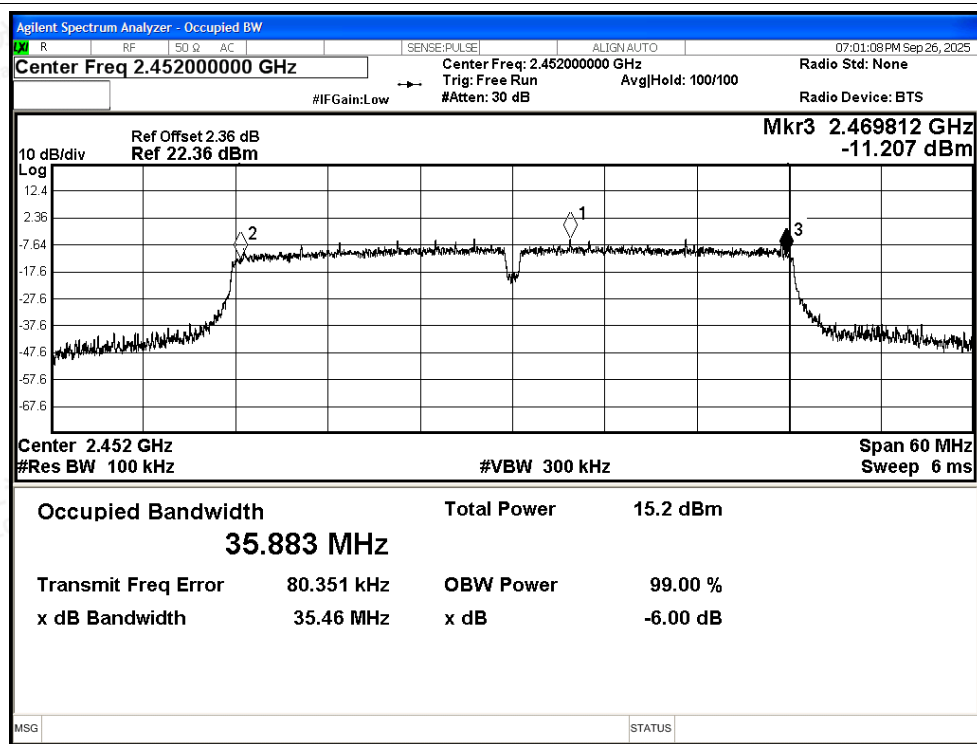
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## -6dB Bandwidth NVNT ax40 2437MHz Ant2



## -6dB Bandwidth NVNT ax40 2452MHz Ant2



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## C.2 Maximum Peak Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 14.72             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 14.11             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 14.23             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.79             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 13.98             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 14.11             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 12.92             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 11.64             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.27             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 13.48             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 13.66             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 13.19             | 30          | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 13.77             | 30          | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 13.98             | 30          | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 13.21             | 30          | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 13.32             | 30          | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 13.3              | 30          | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 13.99             | 30          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant2    | 15.5              | 30          | Pass    |
| NVNT      | b    | 2437            | Ant2    | 14.82             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant2    | 14.79             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant2    | 14.38             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant2    | 14.88             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant2    | 14.84             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant2    | 13.68             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant2    | 13.06             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant2    | 13.81             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant2    | 12.88             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant2    | 13.24             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant2    | 12.6              | 30          | Pass    |
| NVNT      | ax20 | 2412            | Ant2    | 14.45             | 30          | Pass    |
| NVNT      | ax20 | 2437            | Ant2    | 13.59             | 30          | Pass    |
| NVNT      | ax20 | 2462            | Ant2    | 13.77             | 30          | Pass    |
| NVNT      | ax40 | 2422            | Ant2    | 13.84             | 30          | Pass    |
| NVNT      | ax40 | 2437            | Ant2    | 13.83             | 30          | Pass    |
| NVNT      | ax40 | 2452            | Ant2    | 13.65             | 30          | Pass    |



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## MIMO

| Condition | Mode | Frequency (MHz) | Total Power (dBm) |       |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------------------|-------|-----------|-------------|---------|
|           |      |                 | Ant1              | Ant2  | Ant1+Ant2 |             |         |
| NVNT      | n20  | 2412            | 12.92             | 13.68 | 16.33     | 30          | Pass    |
| NVNT      | n20  | 2437            | 11.64             | 13.06 | 15.42     | 30          | Pass    |
| NVNT      | n20  | 2462            | 13.27             | 13.81 | 16.56     | 30          | Pass    |
| NVNT      | n40  | 2422            | 13.48             | 12.88 | 16.20     | 30          | Pass    |
| NVNT      | n40  | 2437            | 13.66             | 13.24 | 16.47     | 30          | Pass    |
| NVNT      | n40  | 2452            | 13.19             | 12.6  | 15.92     | 30          | Pass    |
| NVNT      | ax20 | 2412            | 13.77             | 14.45 | 17.13     | 30          | Pass    |
| NVNT      | ax20 | 2437            | 13.98             | 13.59 | 16.80     | 30          | Pass    |
| NVNT      | ax20 | 2462            | 13.21             | 13.77 | 16.51     | 30          | Pass    |
| NVNT      | ax40 | 2422            | 13.32             | 13.84 | 16.60     | 30          | Pass    |
| NVNT      | ax40 | 2437            | 13.3              | 13.83 | 16.58     | 30          | Pass    |
| NVNT      | ax40 | 2452            | 13.99             | 13.65 | 16.83     | 30          | Pass    |



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### C.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -8.58                    | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -10.46                   | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -8.79                    | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -14.16                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -13.98                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -14.59                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -14.93                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -13.73                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -17.71                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -17.69                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -16.8                    | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -18.84                   | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -16.02                   | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -15.51                   | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -16.26                   | 8                | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -19.77                   | 8                | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | -20.08                   | 8                | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -19.23                   | 8                | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant2    | -8.49                    | 8                | Pass    |
| NVNT      | b    | 2437            | Ant2    | -9.77                    | 8                | Pass    |
| NVNT      | b    | 2462            | Ant2    | -6.68                    | 8                | Pass    |
| NVNT      | g    | 2412            | Ant2    | -14.52                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant2    | -14.17                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant2    | -13.66                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant2    | -13.99                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant2    | -12.36                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant2    | -16.26                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant2    | -18.68                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant2    | -18.27                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant2    | -19.1                    | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant2    | -15.16                   | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant2    | -16.67                   | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant2    | -14.89                   | 8                | Pass    |
| NVNT      | ax40 | 2422            | Ant2    | -19.11                   | 8                | Pass    |
| NVNT      | ax40 | 2437            | Ant2    | -19.47                   | 8                | Pass    |
| NVNT      | ax40 | 2452            | Ant2    | -19.75                   | 8                | Pass    |



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## MIMO

| Condition | Mode | Frequency (MHz) | Total PSD (dBm/3kHz) |        |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|----------------------|--------|-----------|-------------|---------|
|           |      |                 | Ant1                 | Ant2   | Ant1+Ant2 |             |         |
| NVNT      | n20  | 2412            | -14.93               | -13.99 | -11.42    | 6.17        | Pass    |
| NVNT      | n20  | 2437            | -13.73               | -12.36 | -9.98     | 6.17        | Pass    |
| NVNT      | n20  | 2462            | -17.71               | -16.26 | -13.91    | 6.17        | Pass    |
| NVNT      | n40  | 2422            | -17.69               | -18.68 | -15.15    | 6.17        | Pass    |
| NVNT      | n40  | 2437            | -16.8                | -18.27 | -14.46    | 6.17        | Pass    |
| NVNT      | n40  | 2452            | -18.84               | -19.1  | -15.96    | 6.17        | Pass    |
| NVNT      | ax20 | 2412            | -16.02               | -15.16 | -12.56    | 6.17        | Pass    |
| NVNT      | ax20 | 2437            | -15.51               | -16.67 | -13.04    | 6.17        | Pass    |
| NVNT      | ax20 | 2462            | -16.26               | -14.89 | -12.51    | 6.17        | Pass    |
| NVNT      | ax40 | 2422            | -19.77               | -19.11 | -16.42    | 6.17        | Pass    |
| NVNT      | ax40 | 2437            | -20.08               | -19.47 | -16.75    | 6.17        | Pass    |
| NVNT      | ax40 | 2452            | -19.23               | -19.75 | -16.47    | 6.17        | Pass    |



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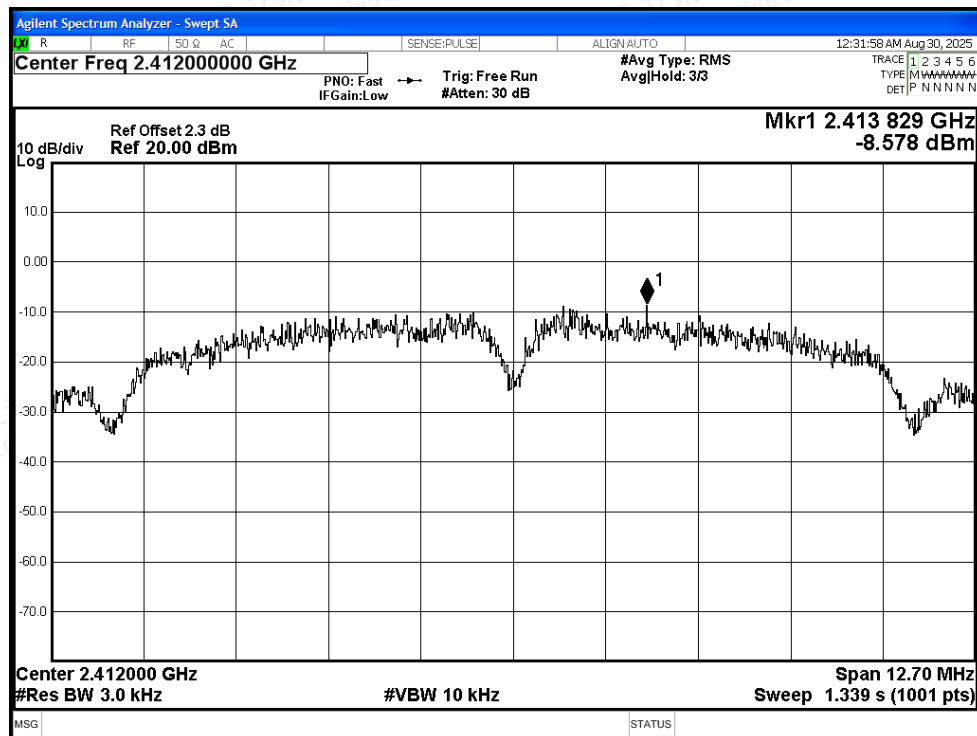
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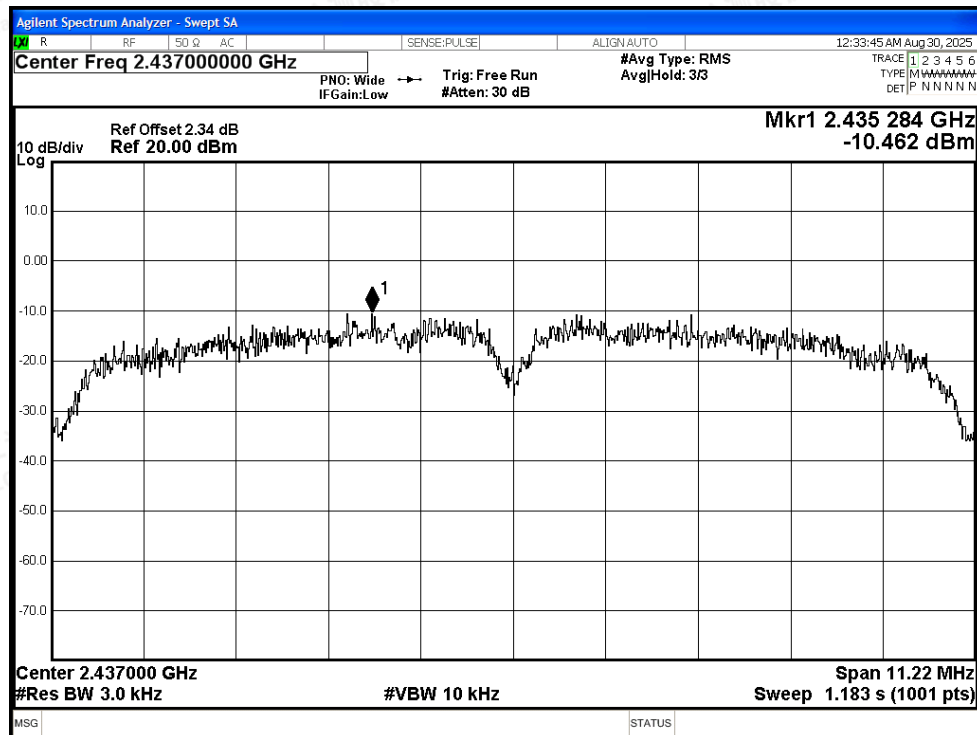


## Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



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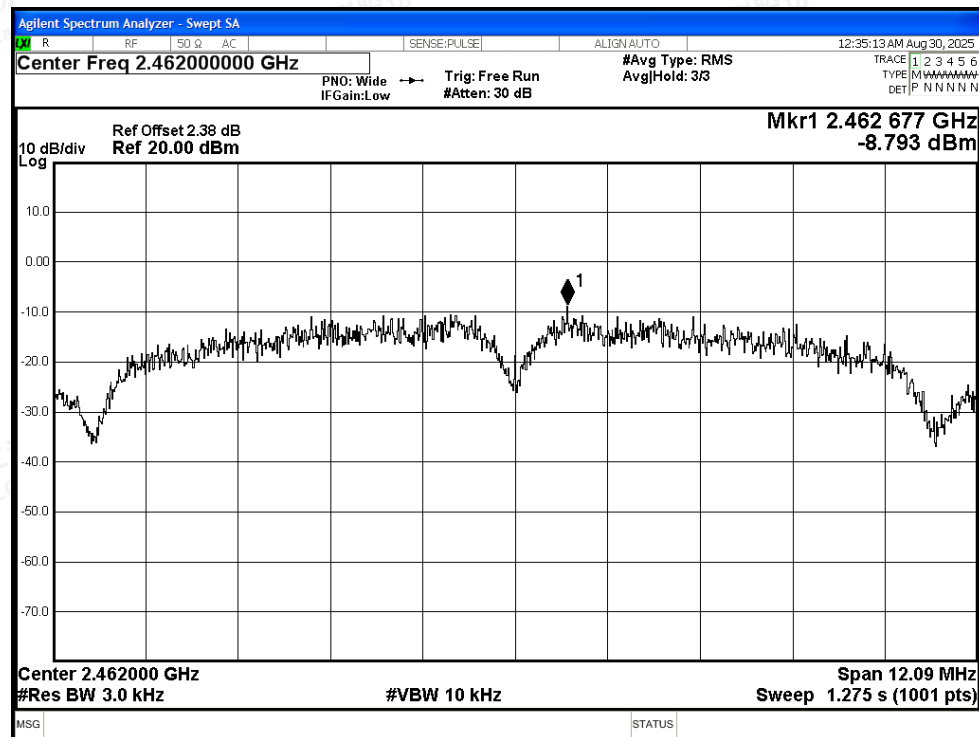
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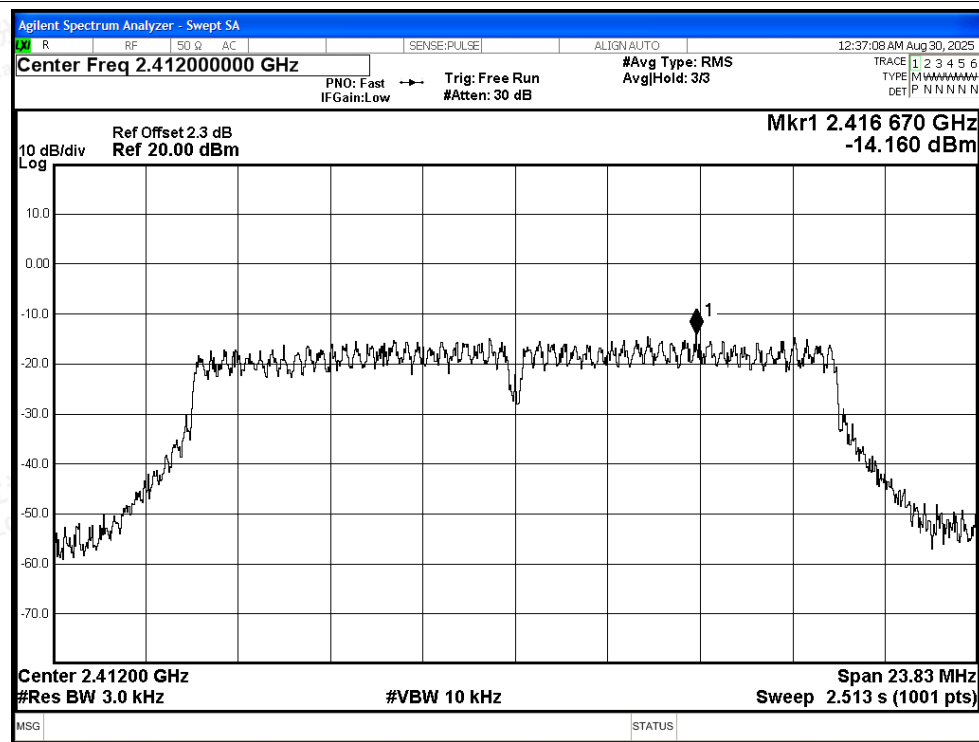
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## PSD NVNT b 2462MHz Ant1



## PSD NVNT g 2412MHz Ant1



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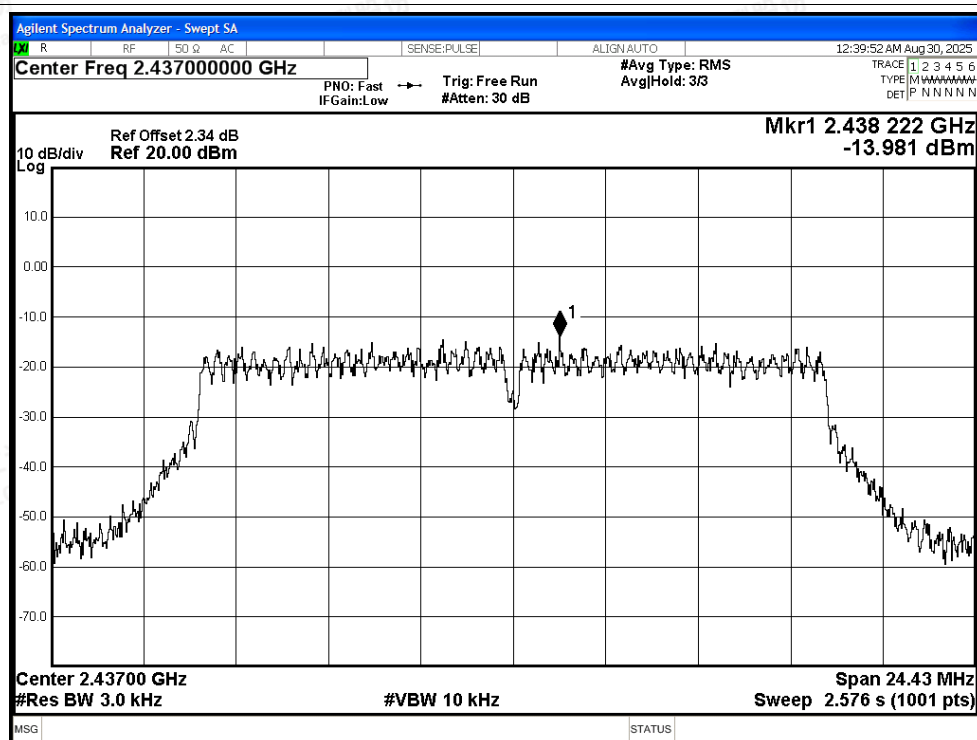
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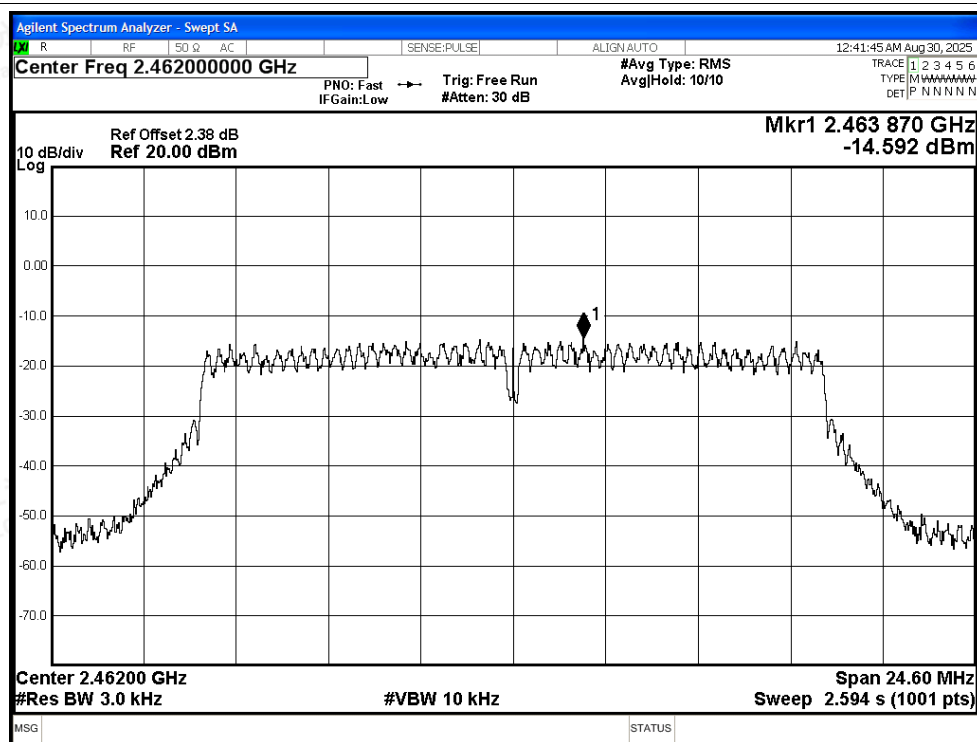
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## PSD NVNT g 2437MHz Ant1



## PSD NVNT g 2462MHz Ant1

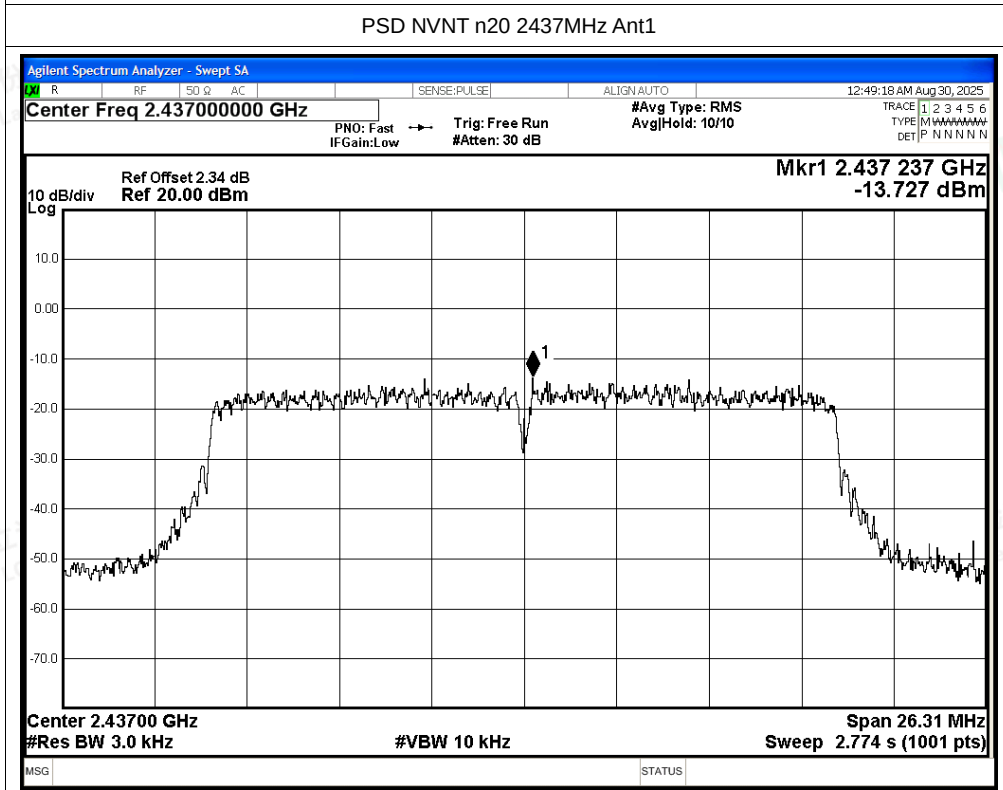
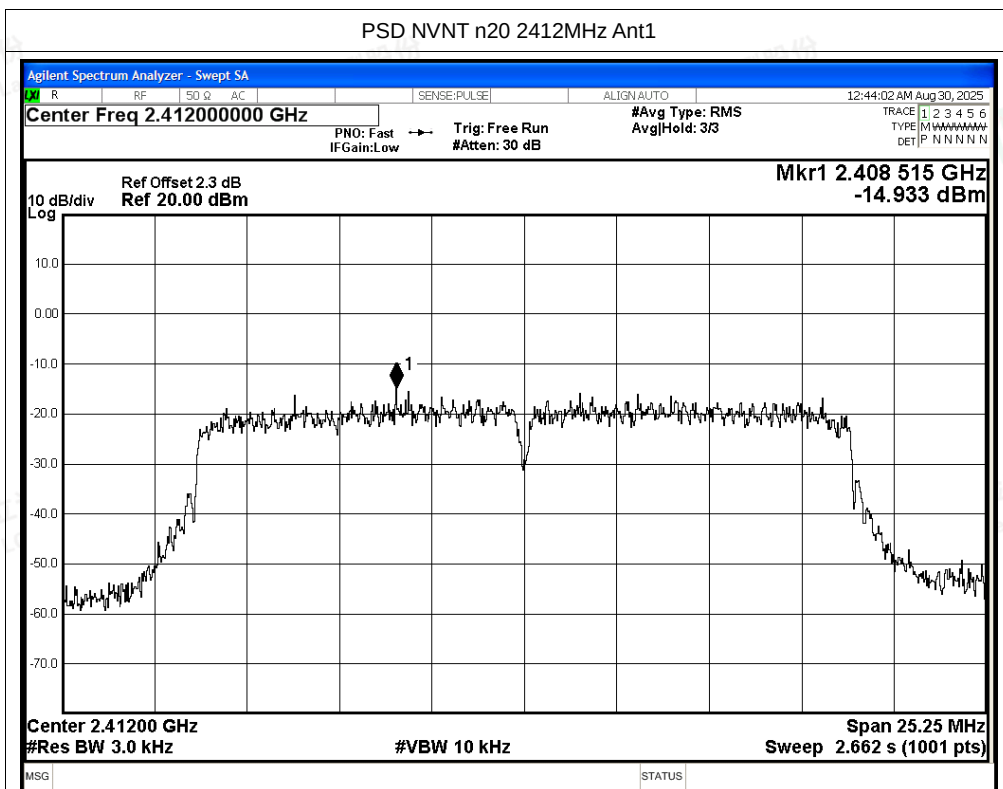


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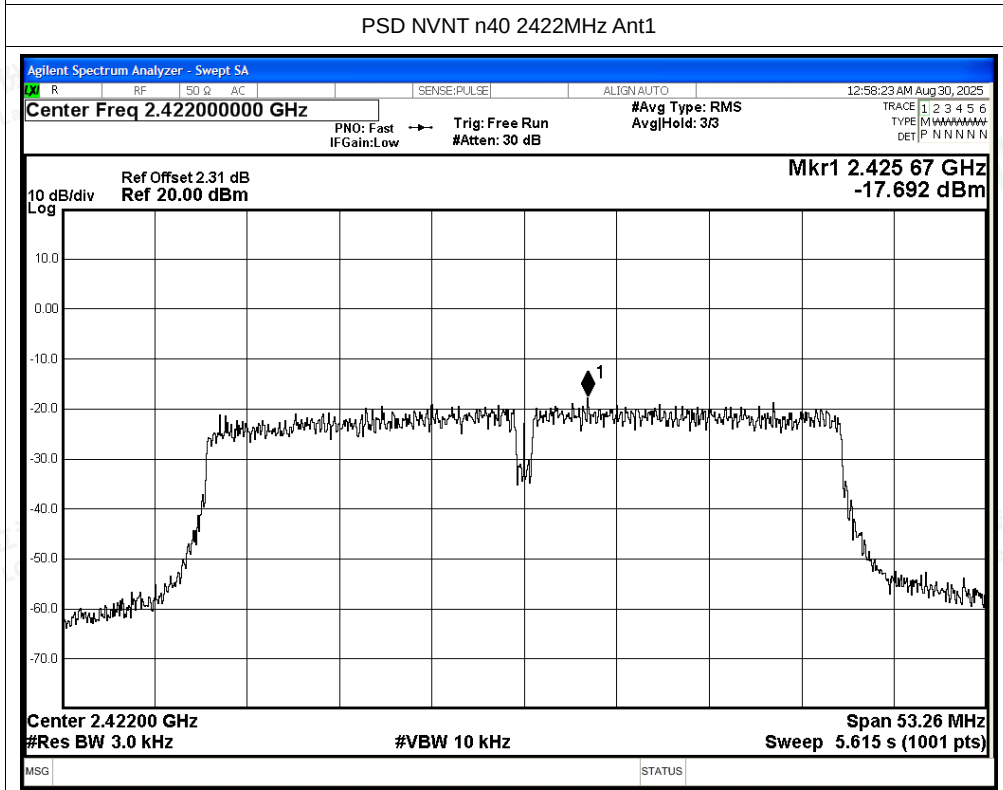
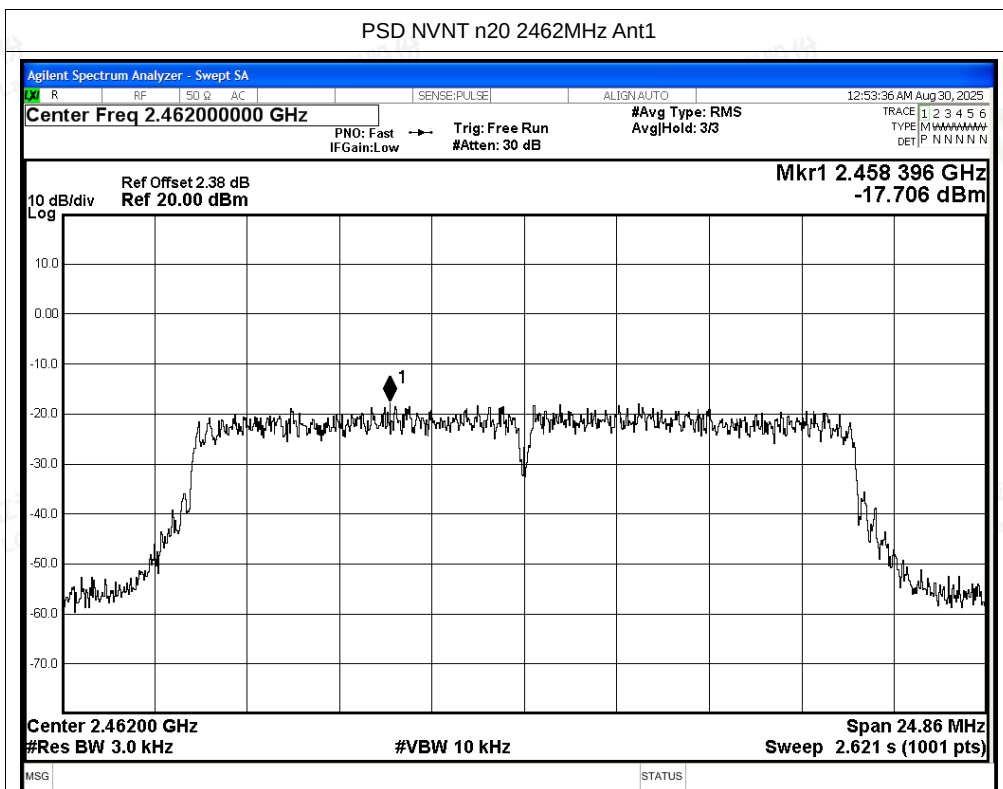


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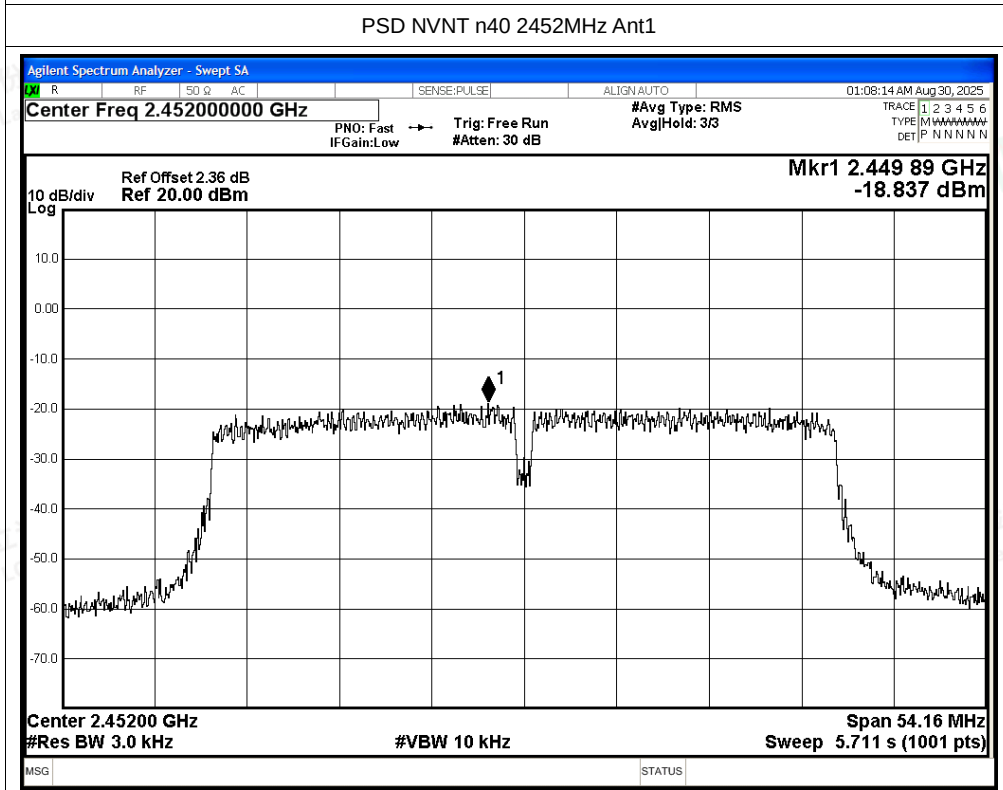
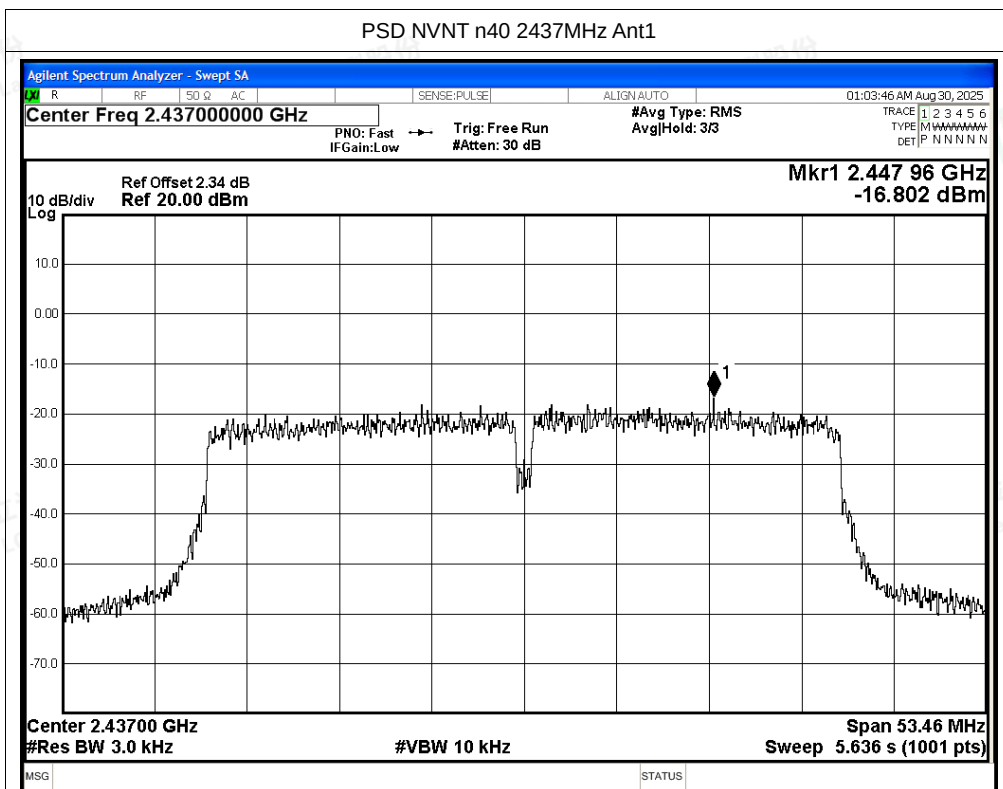


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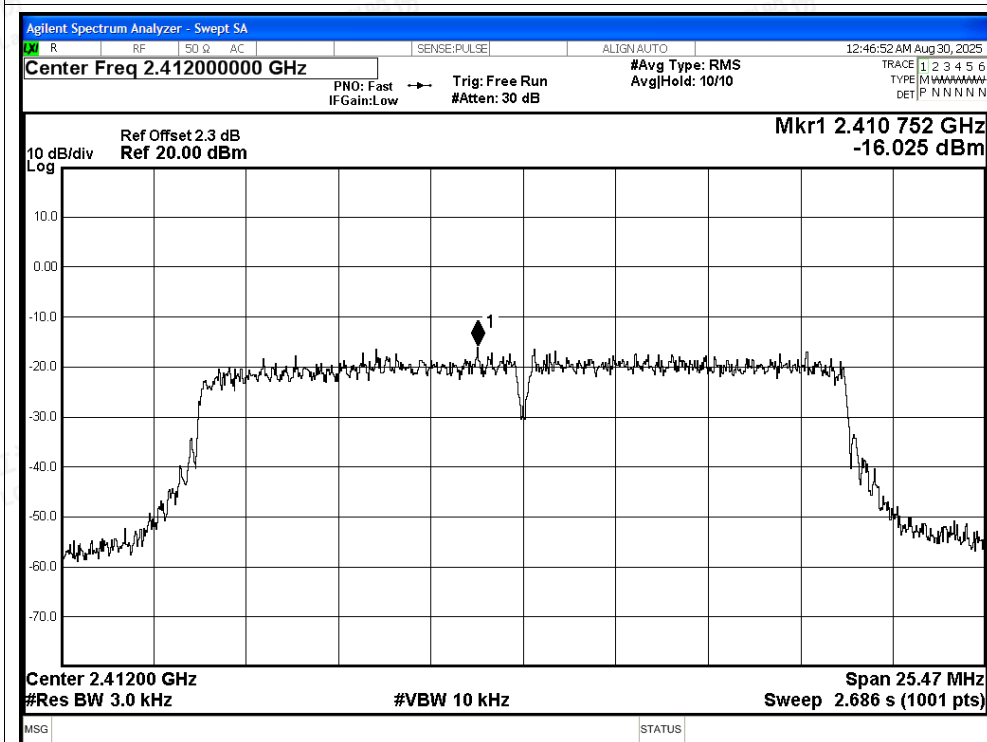
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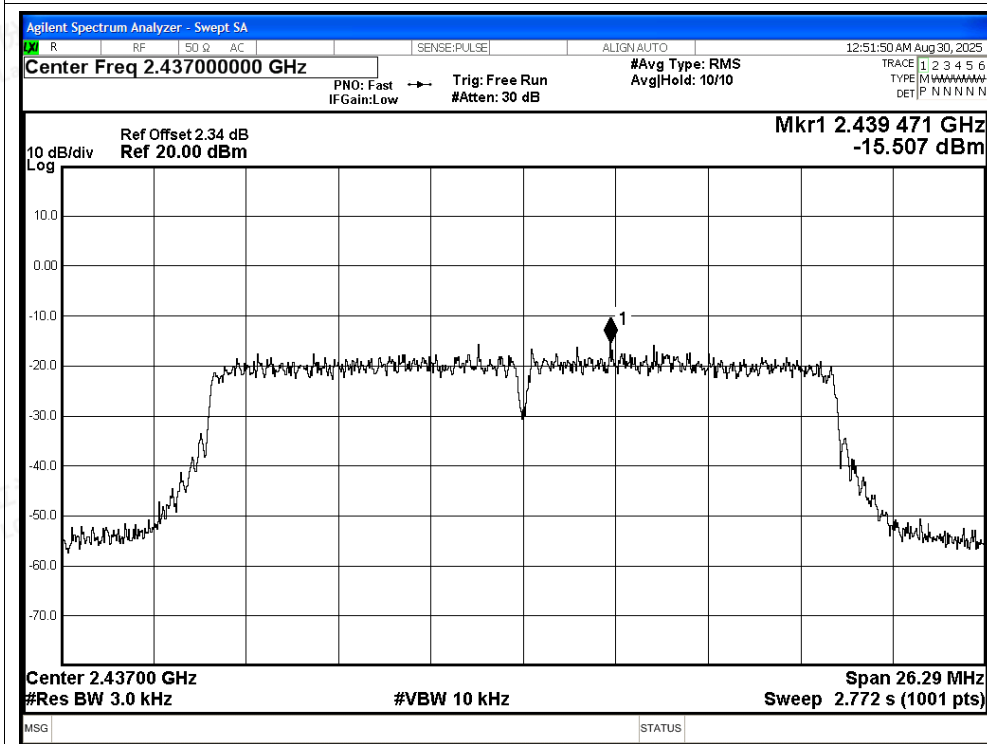
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PSD NVNT ax20 2412MHz Ant1



PSD NVNT ax20 2437MHz Ant1

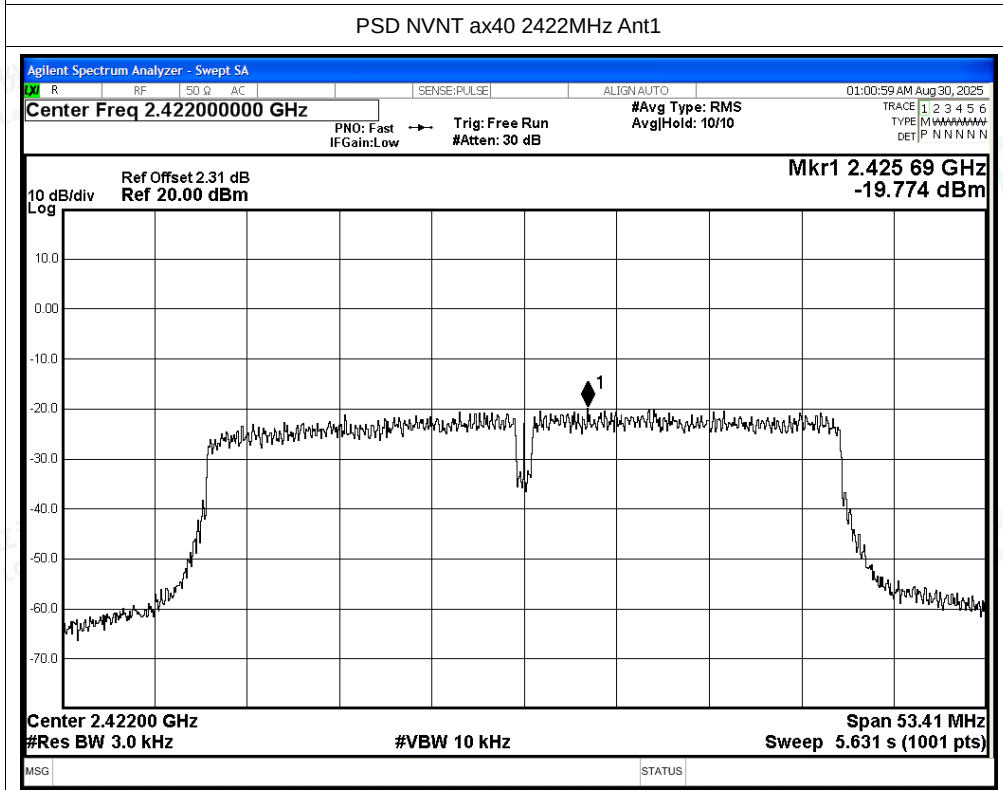
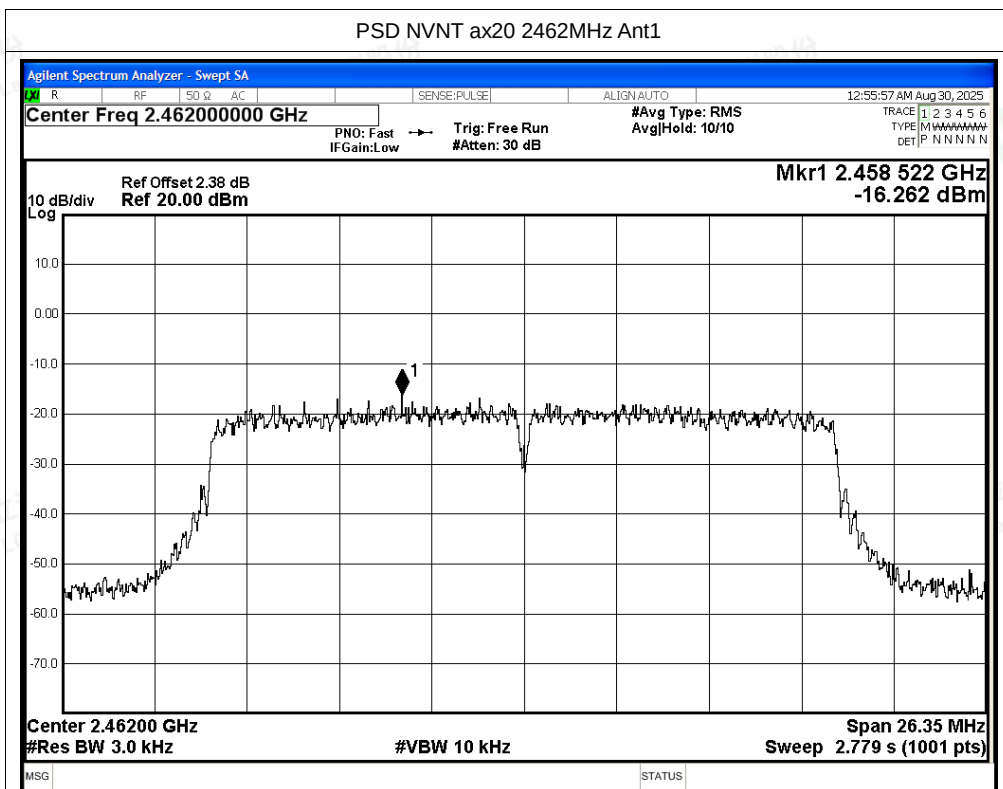


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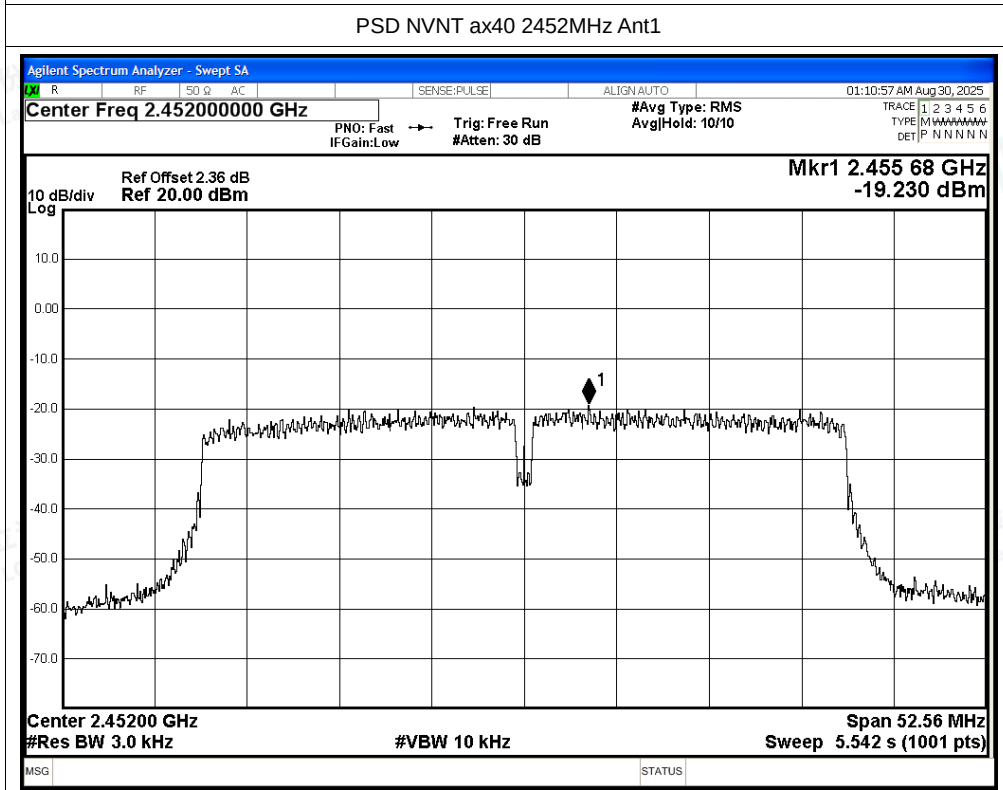
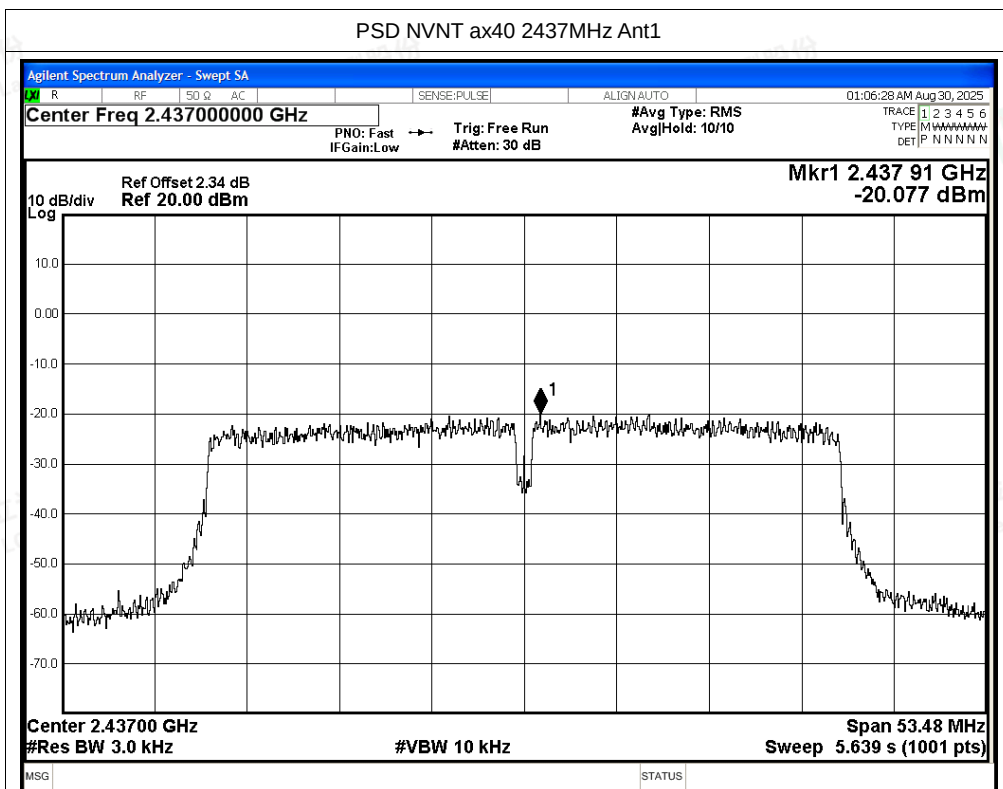


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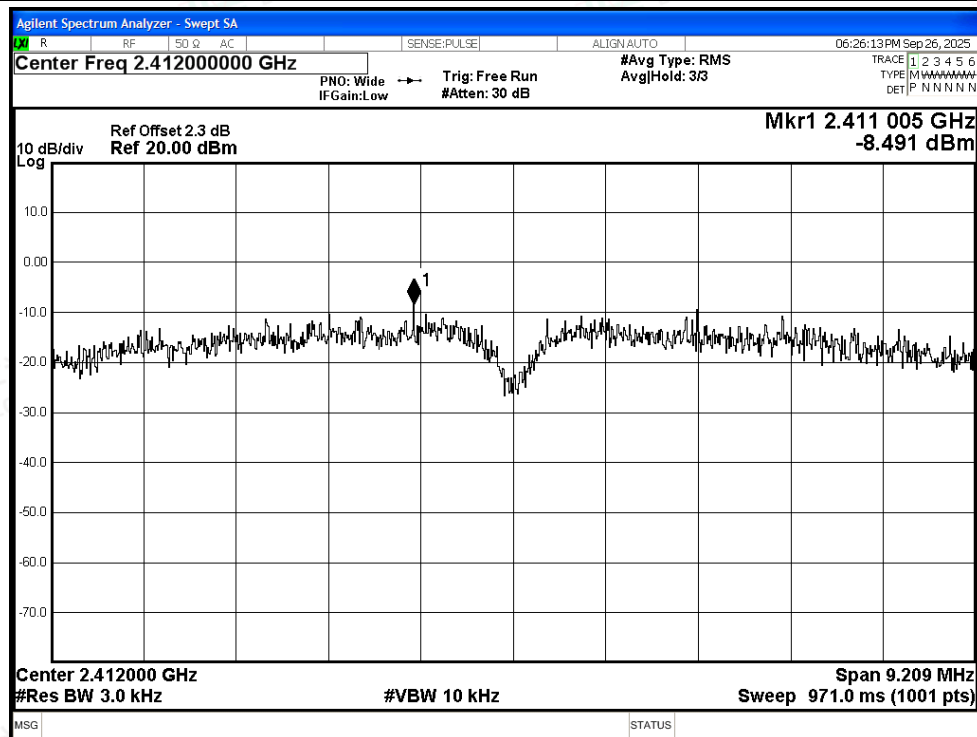
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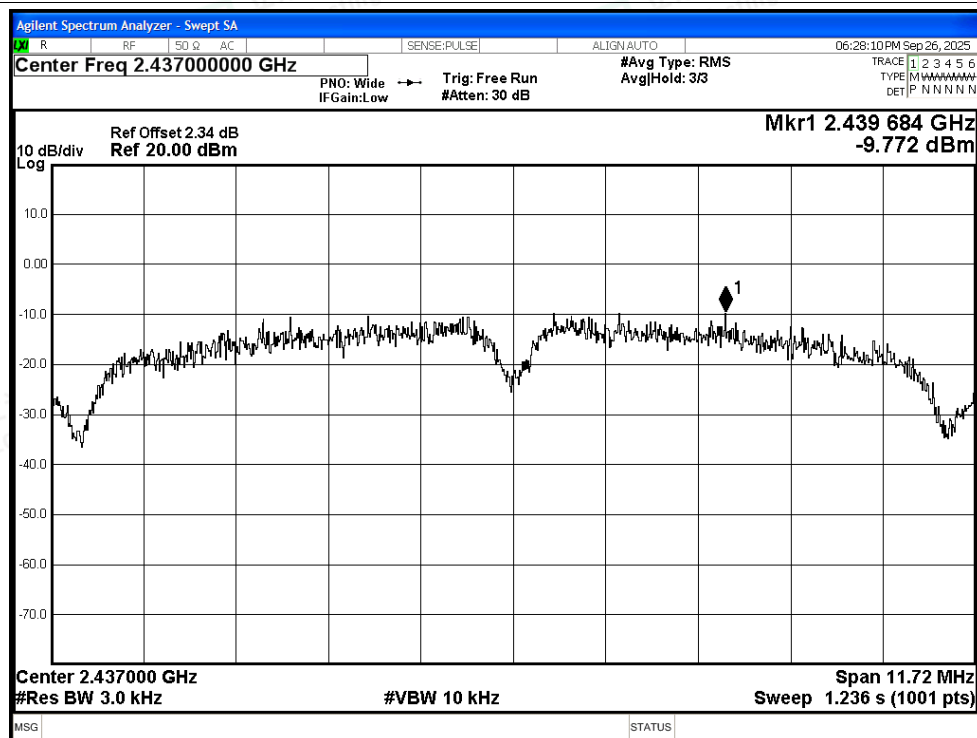


## Test Graphs

## PSD NVNT b 2412MHz Ant2



## PSD NVNT b 2437MHz Ant2



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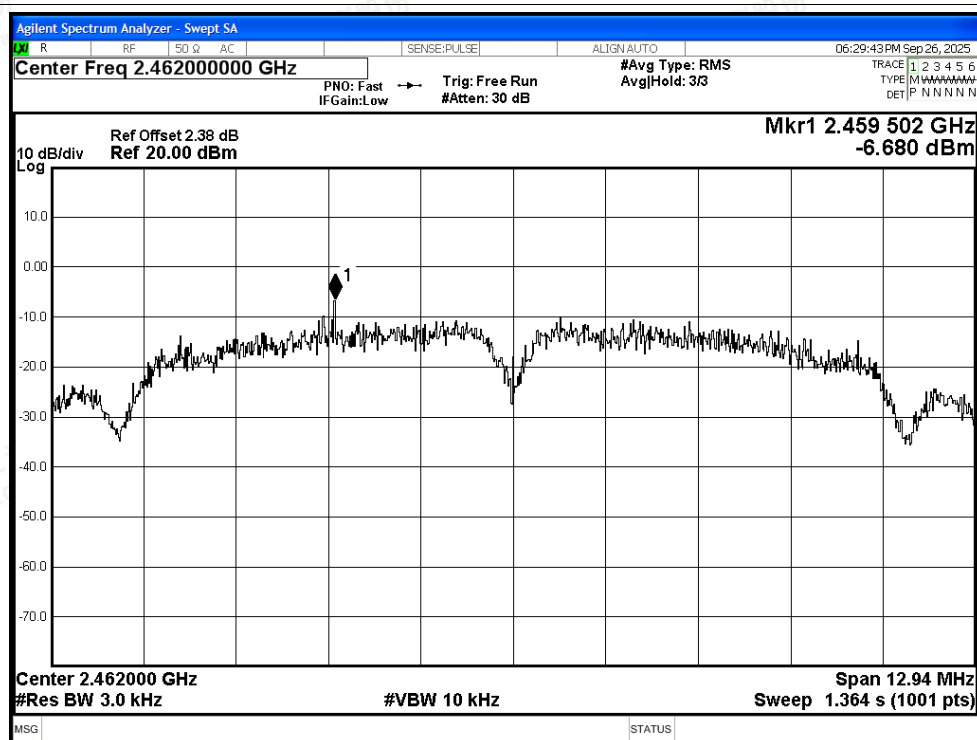
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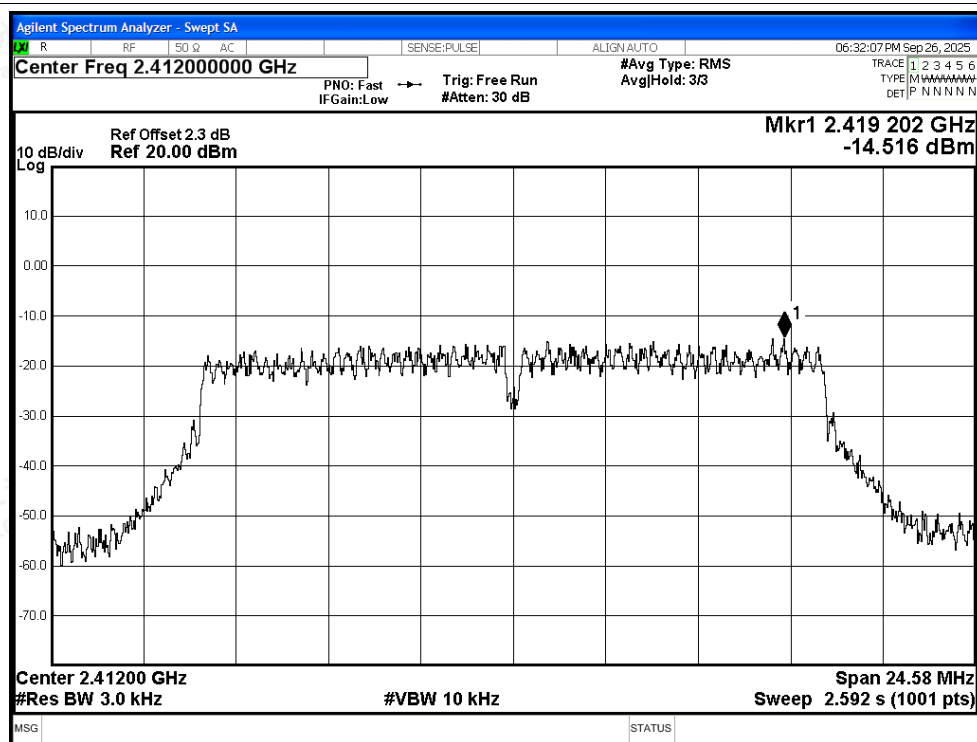
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## PSD NVNT b 2462MHz Ant2



## PSD NVNT g 2412MHz Ant2



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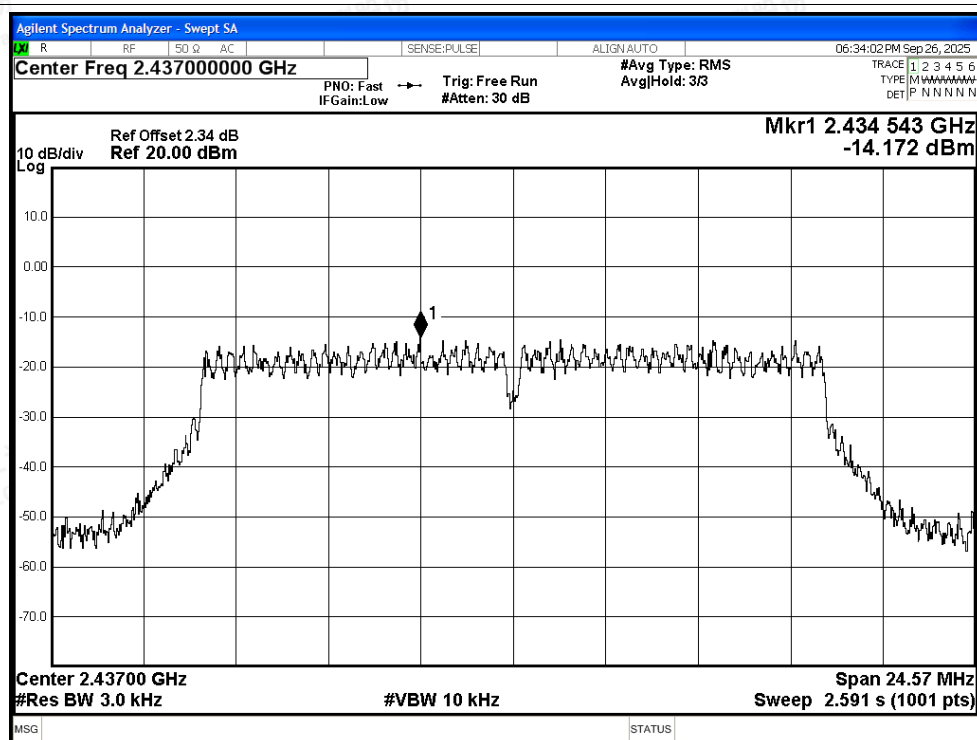
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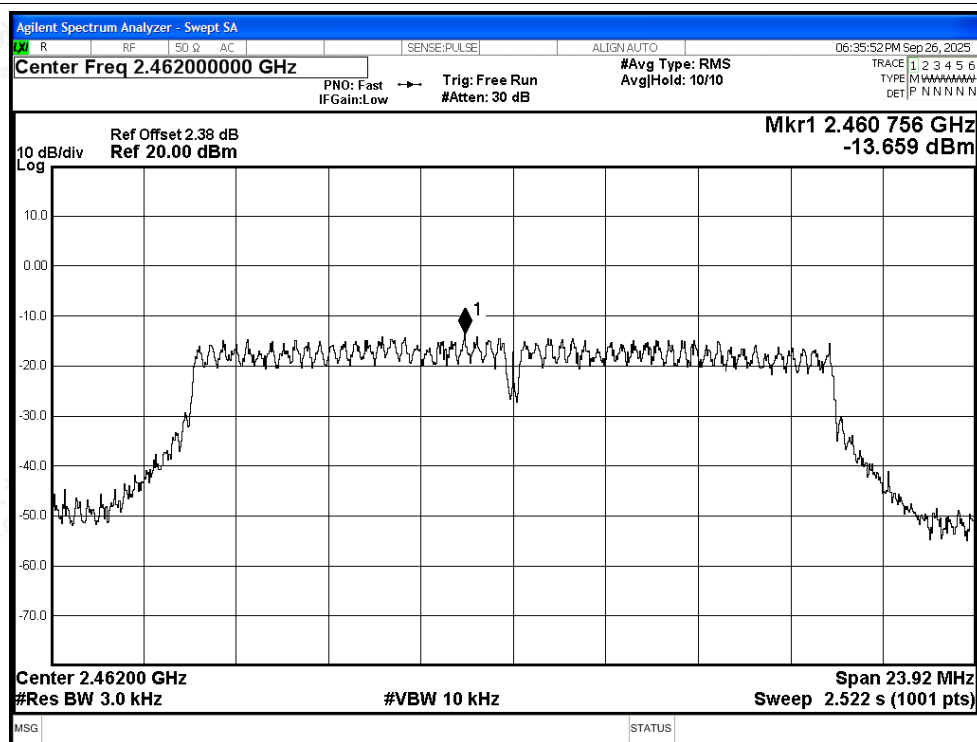
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## PSD NVNT g 2437MHz Ant2



## PSD NVNT g 2462MHz Ant2

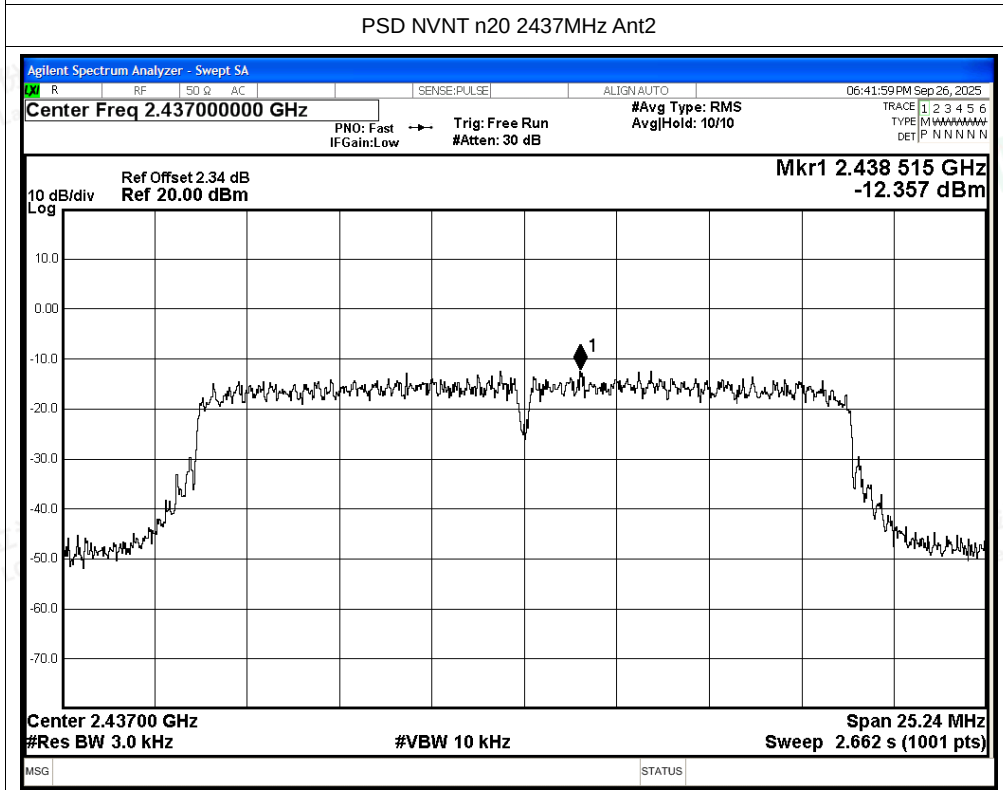
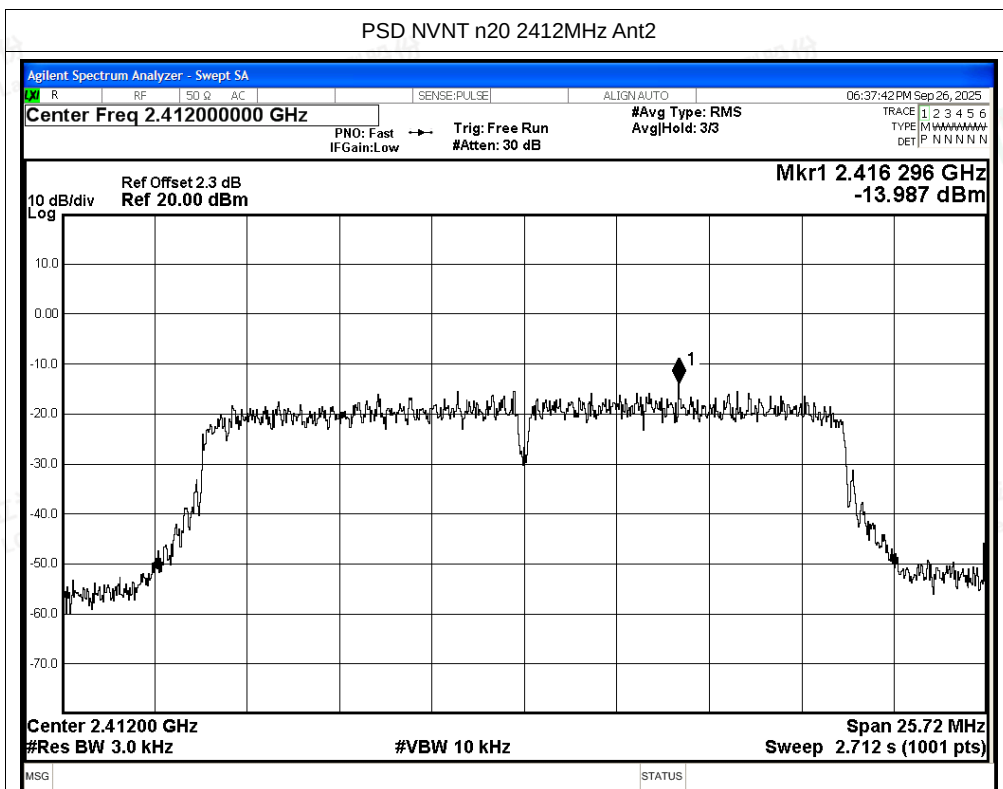


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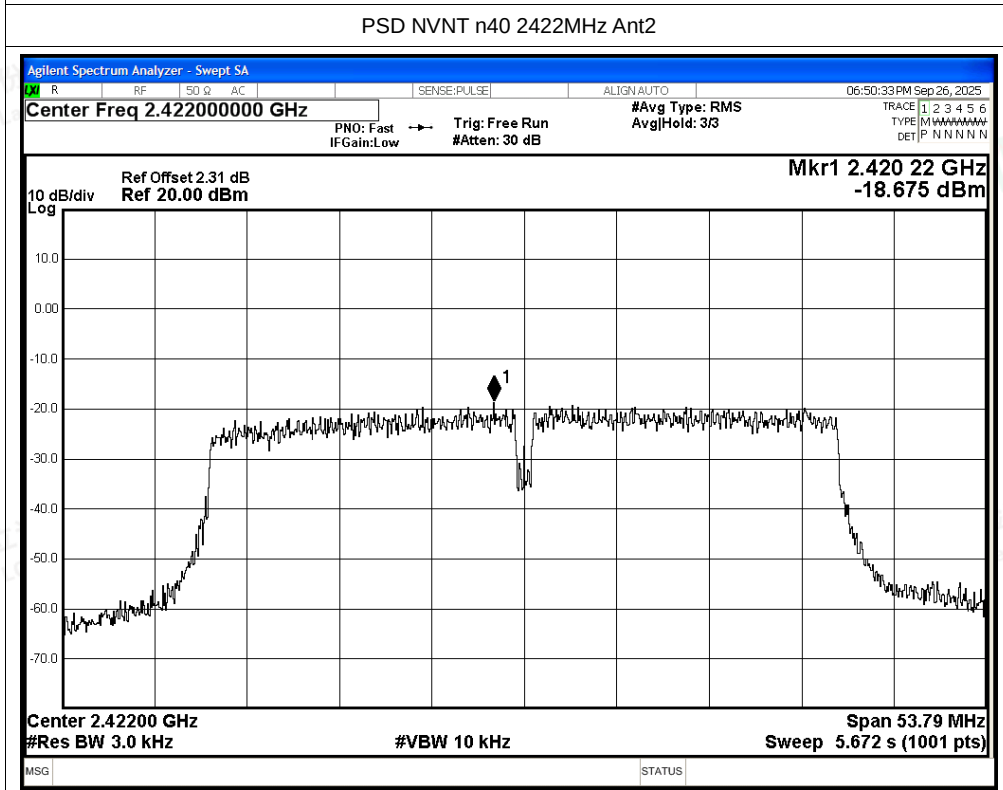
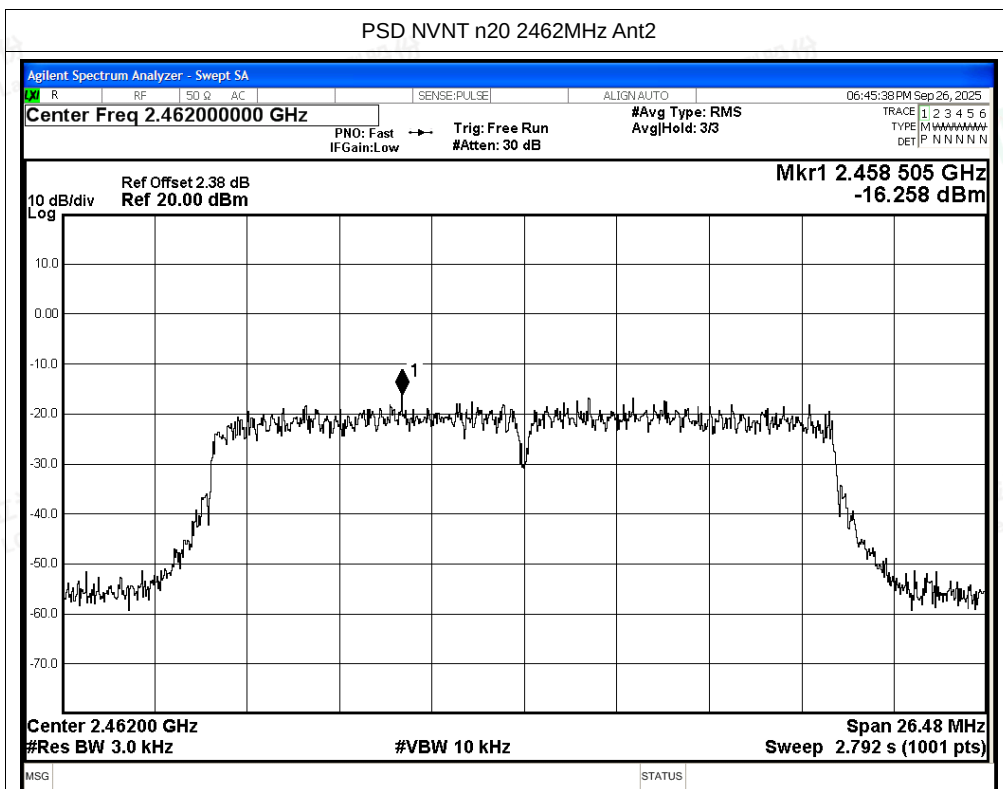


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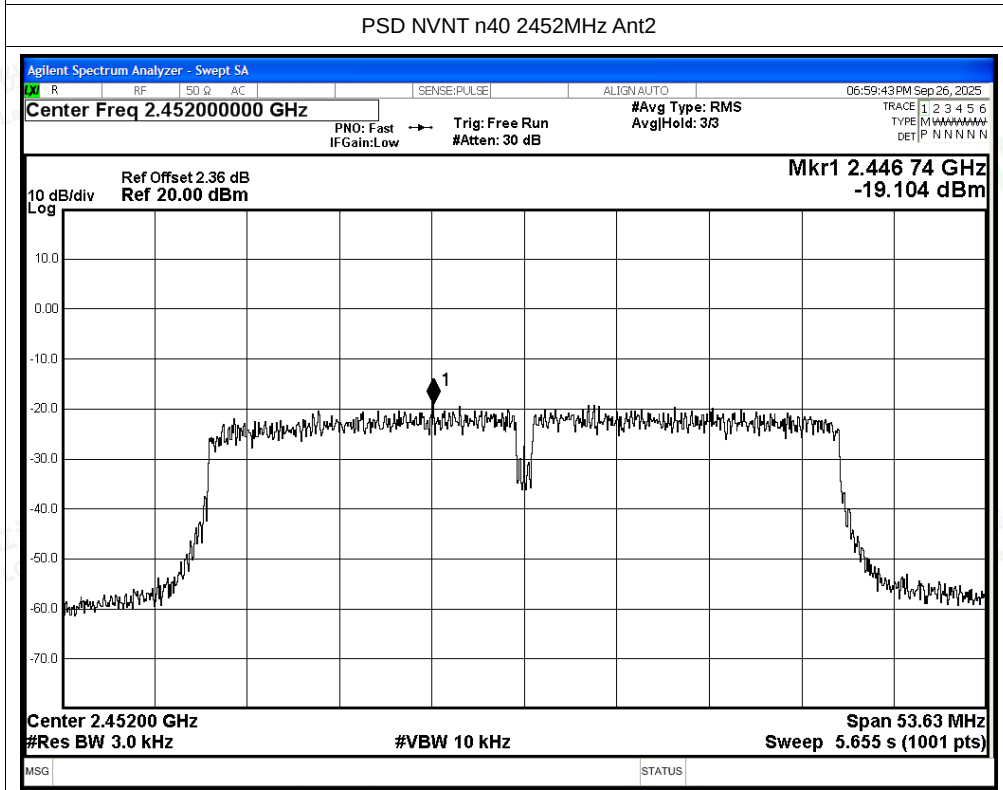
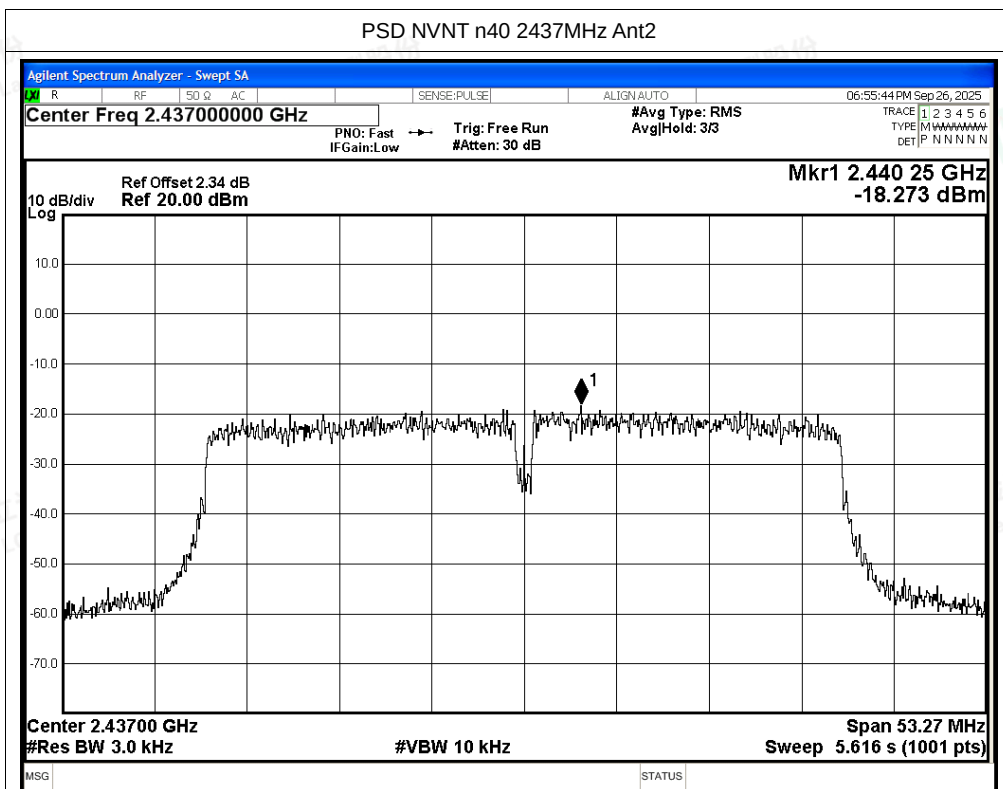


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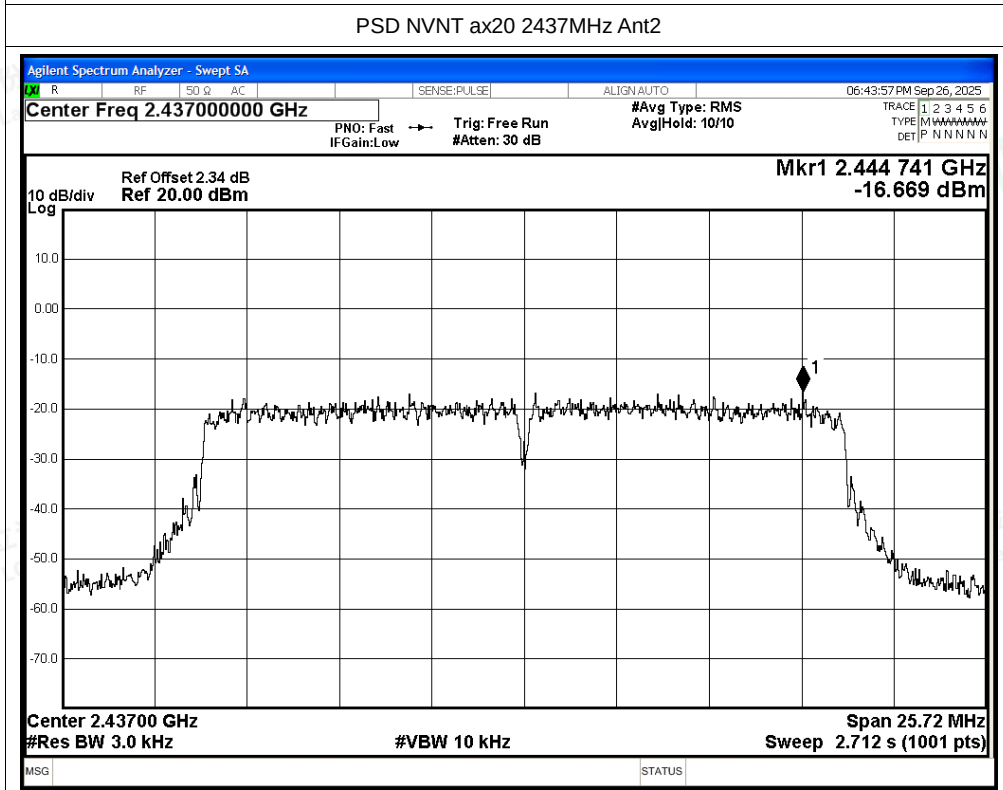
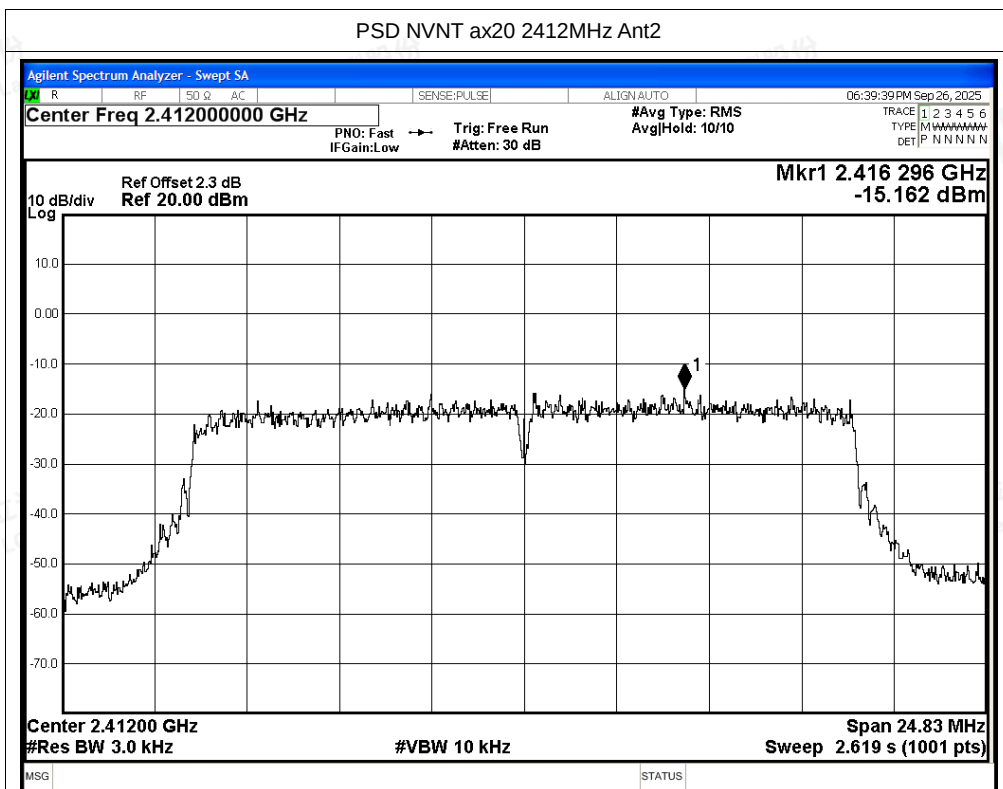


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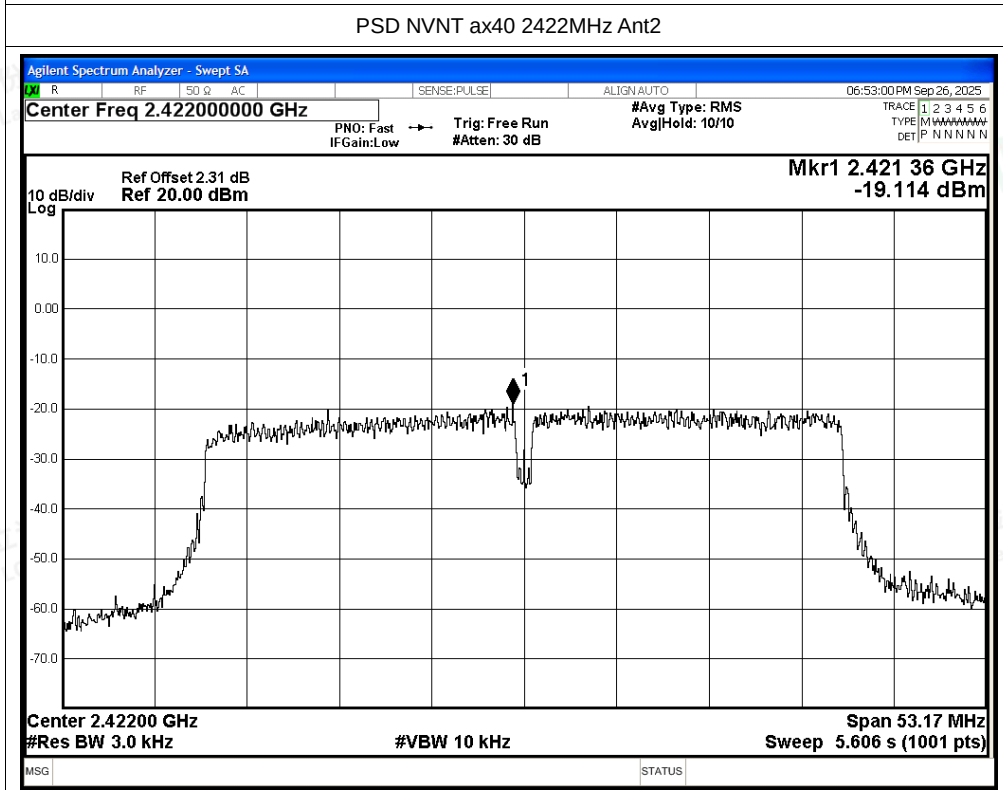
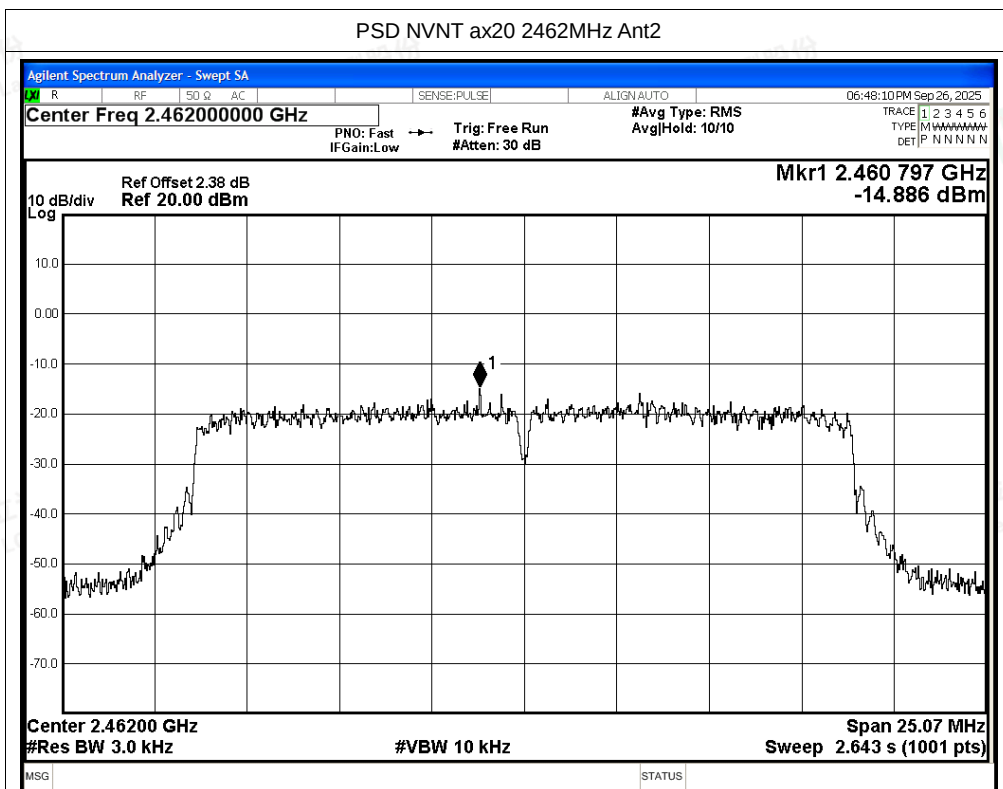


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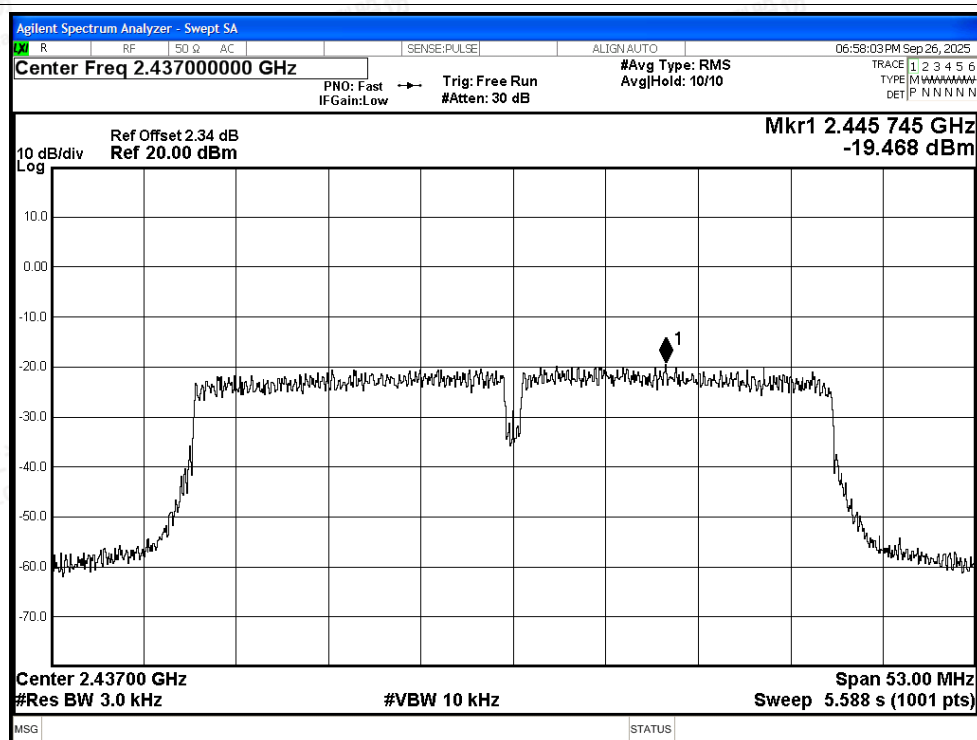
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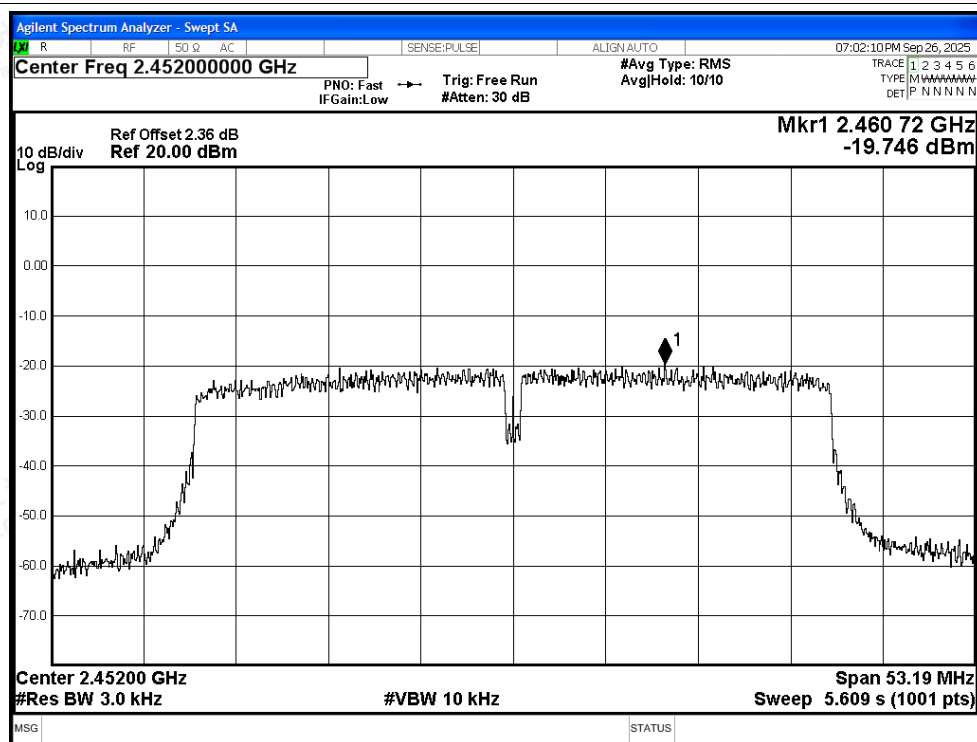
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PSD NVNT ax40 2437MHz Ant2



PSD NVNT ax40 2452MHz Ant2



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## C.4 Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -49.39          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -60.79          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -32.1           | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -44.9           | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -36.01          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -44.19          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -37.91          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -40.2           | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -29.74          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -42.06          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -36.81          | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -37.97          | -20         | Pass    |



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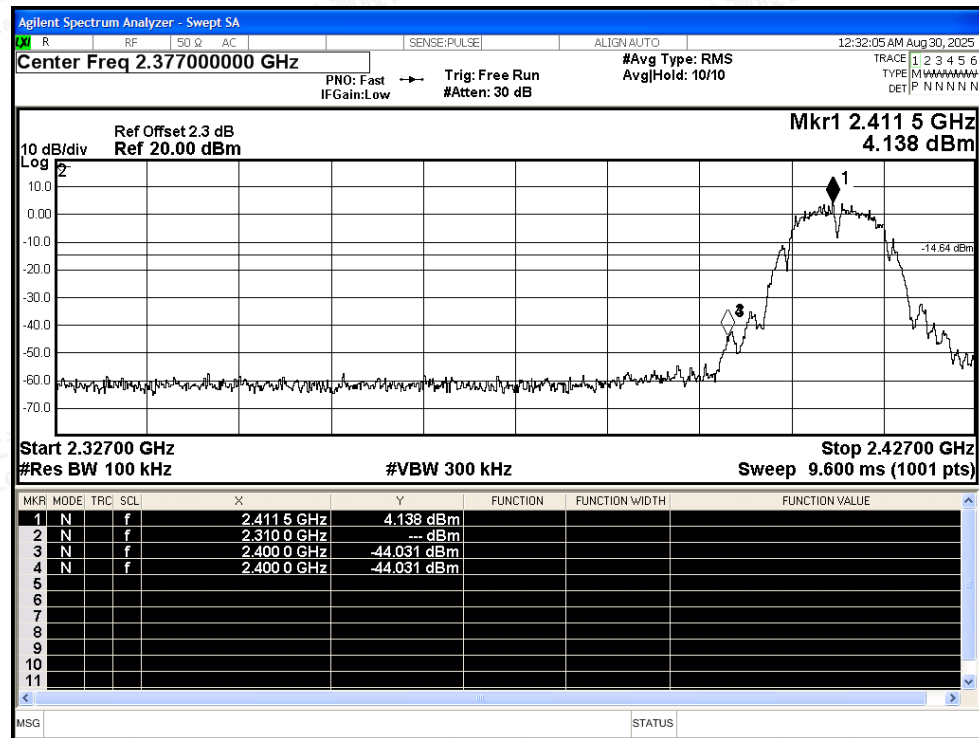


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

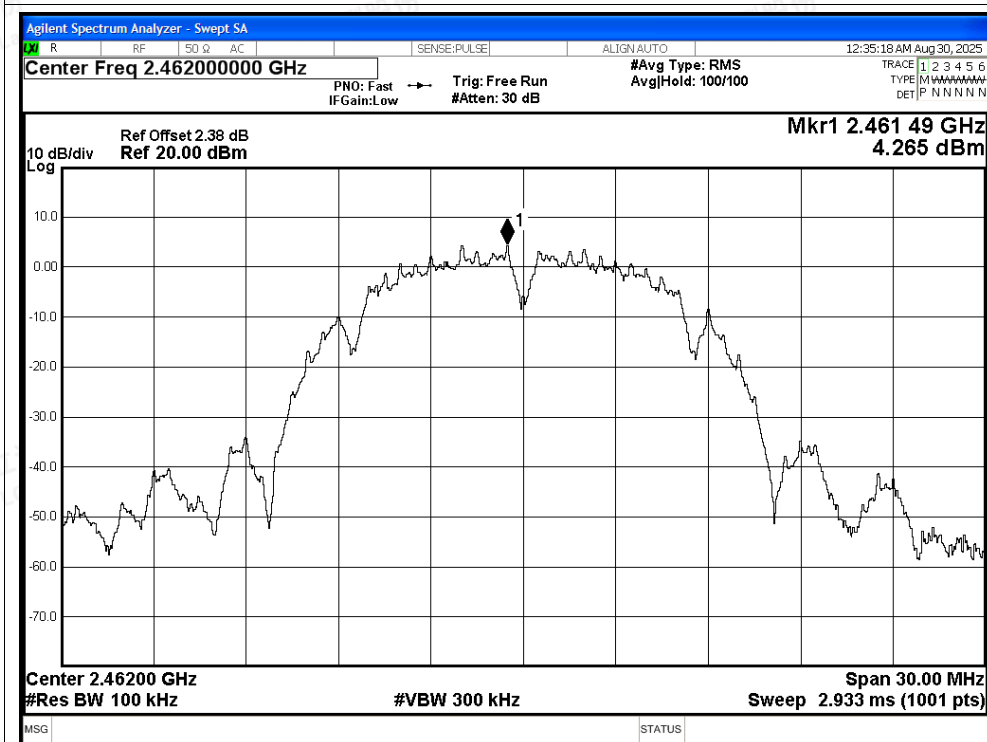
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

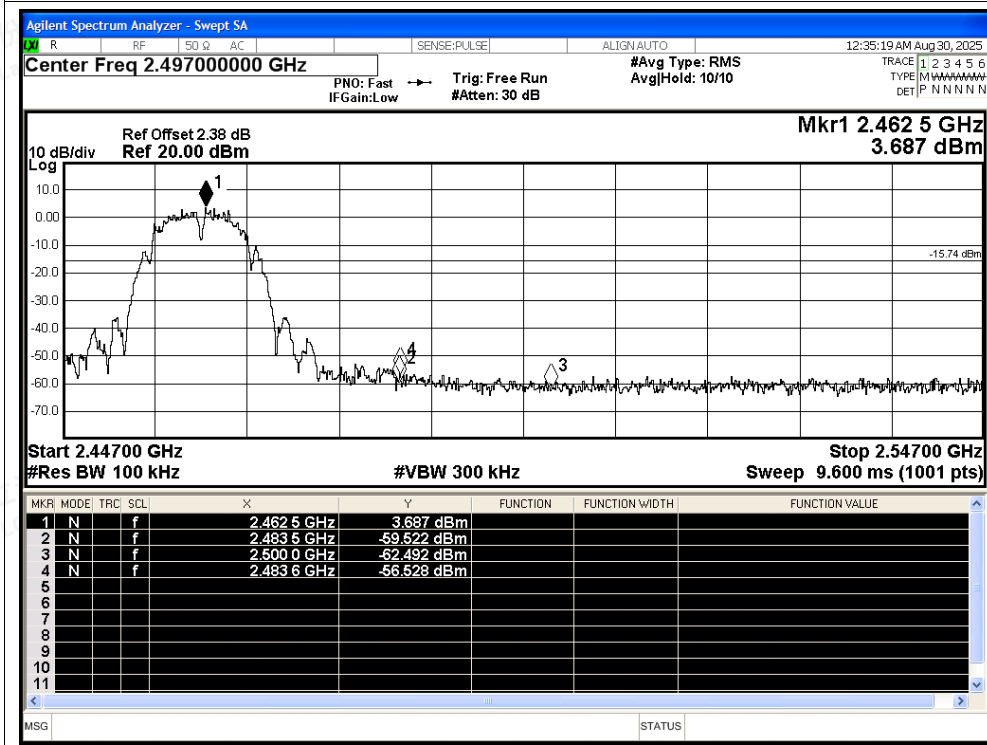
Scan code to check authenticity



## Band Edge NVNT b 2462MHz Ant1 Ref



## Band Edge NVNT b 2462MHz Ant1 Emission



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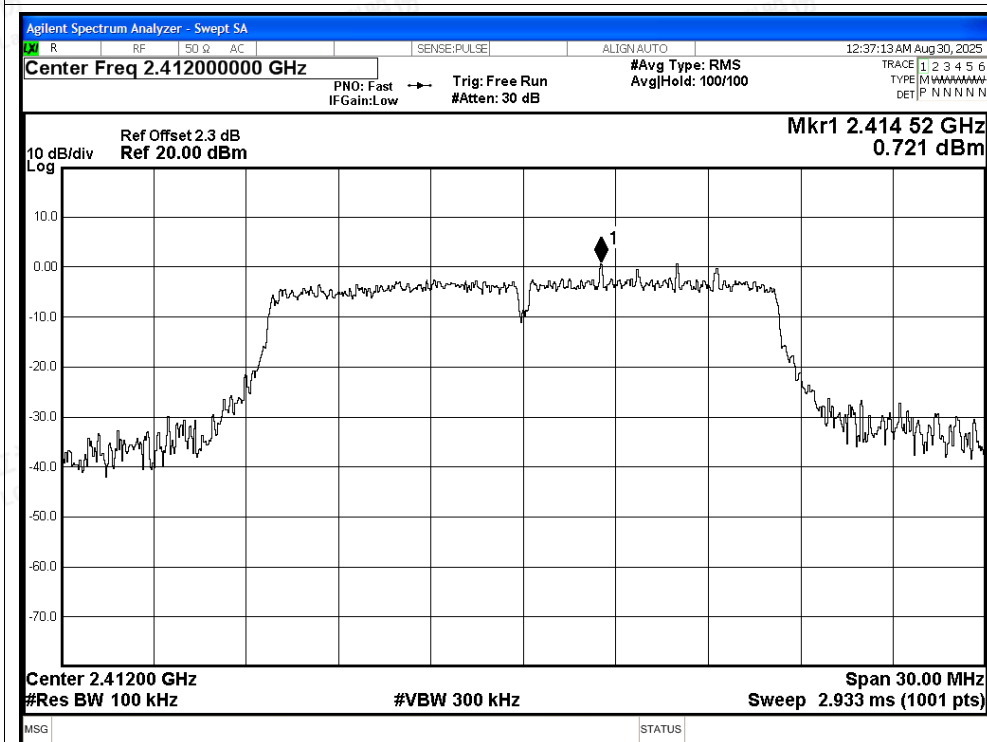
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

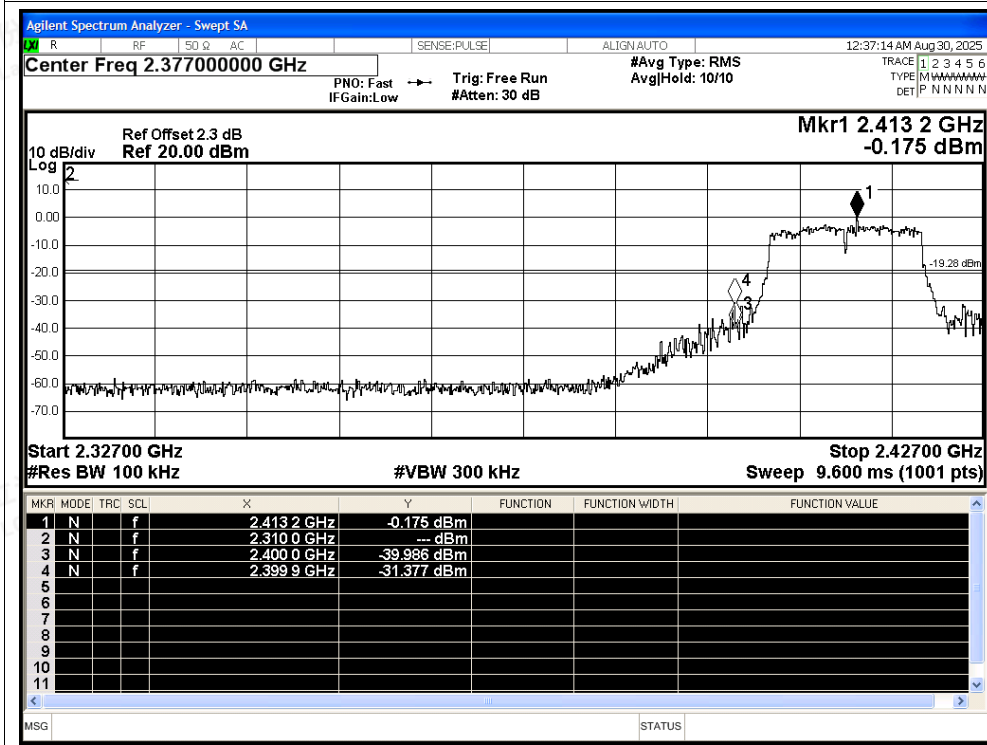
Scan code to check authenticity



## Band Edge NVNT g 2412MHz Ant1 Ref



## Band Edge NVNT g 2412MHz Ant1 Emission



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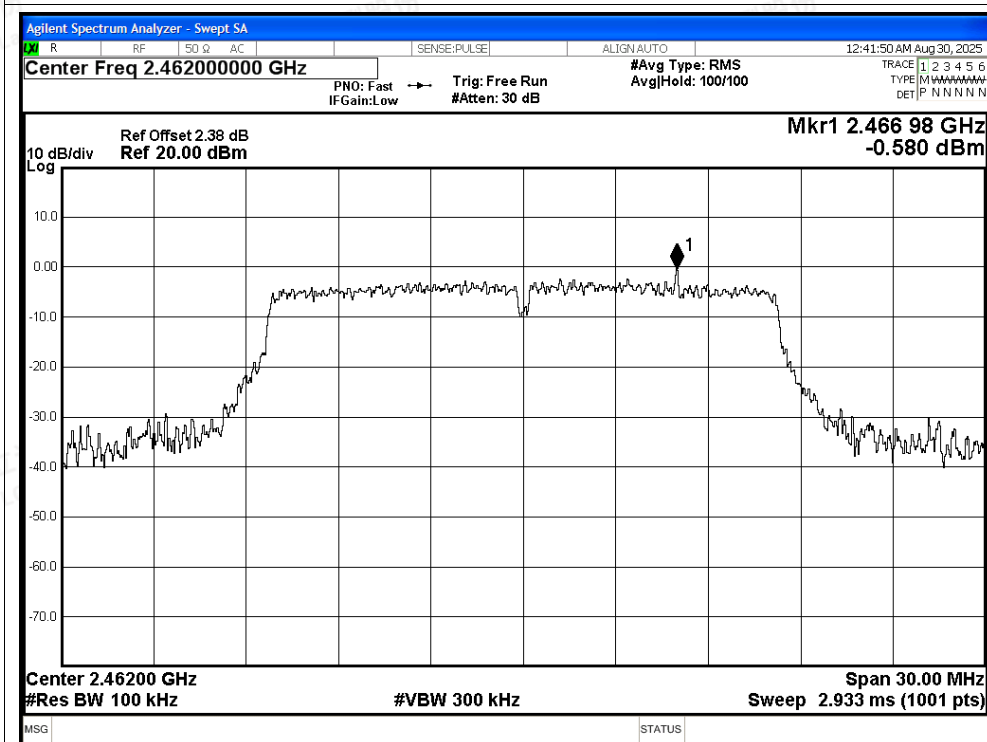
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

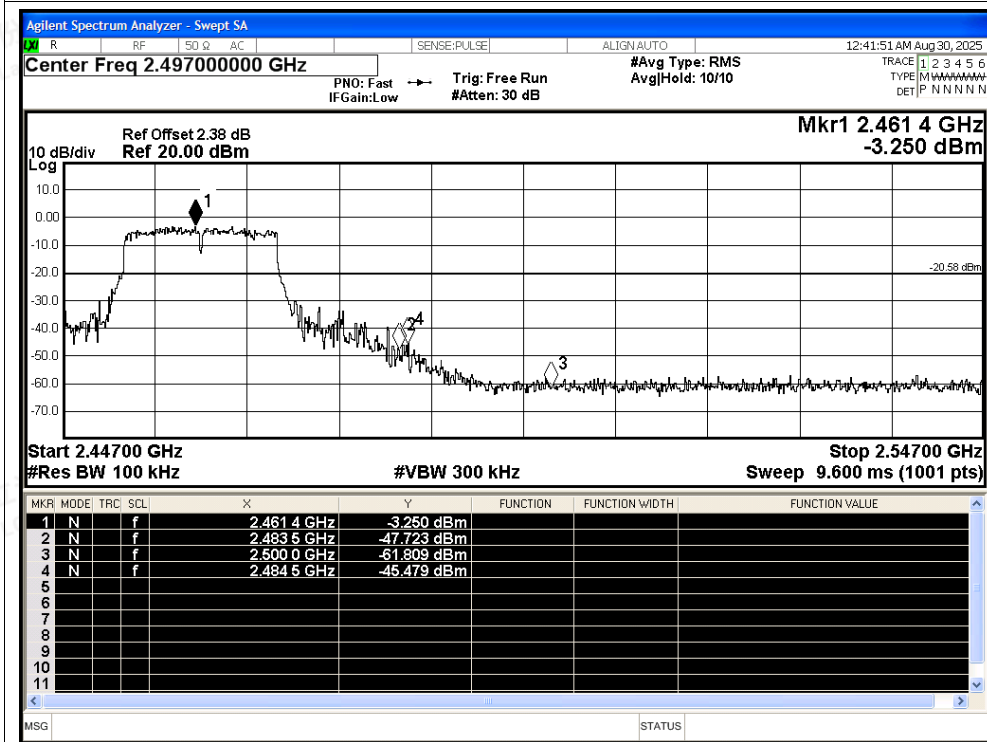
Scan code to check authenticity



## Band Edge NVNT g 2462MHz Ant1 Ref



## Band Edge NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

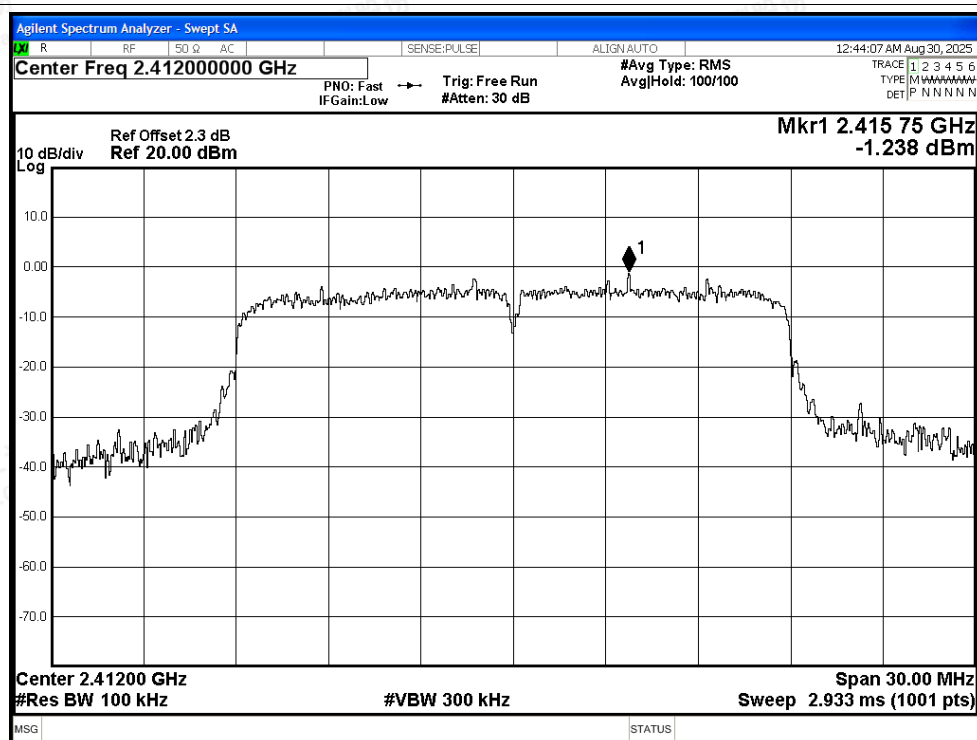
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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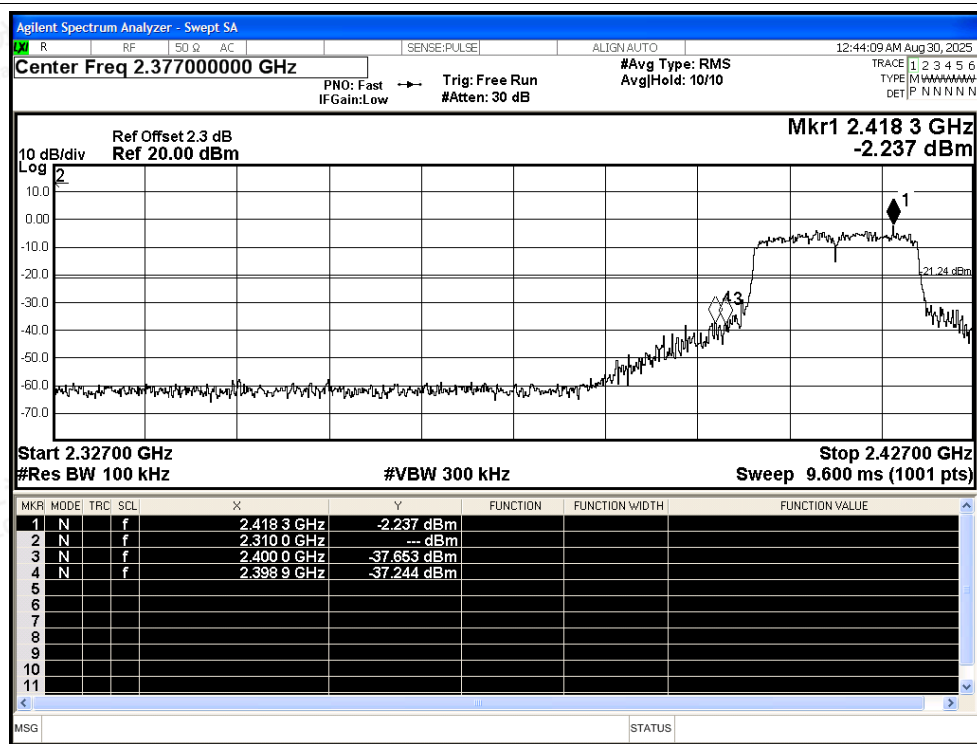
Scan code to check authenticity



## Band Edge NVNT n20 2412MHz Ant1 Ref



## Band Edge NVNT n20 2412MHz Ant1 Emission

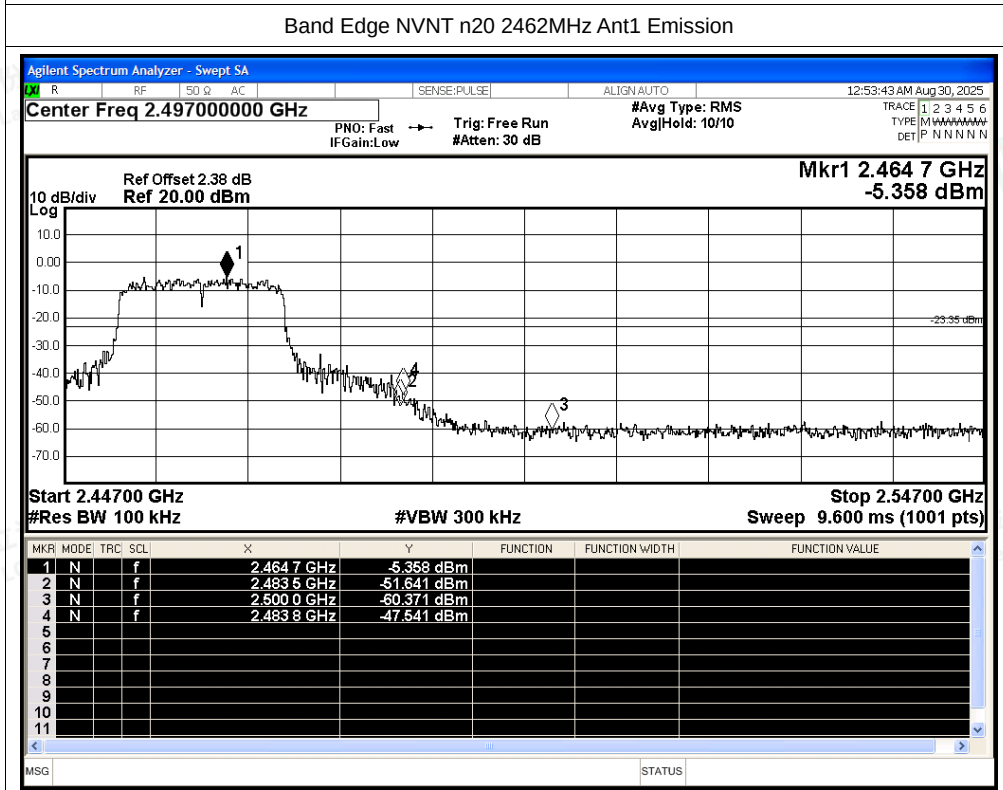
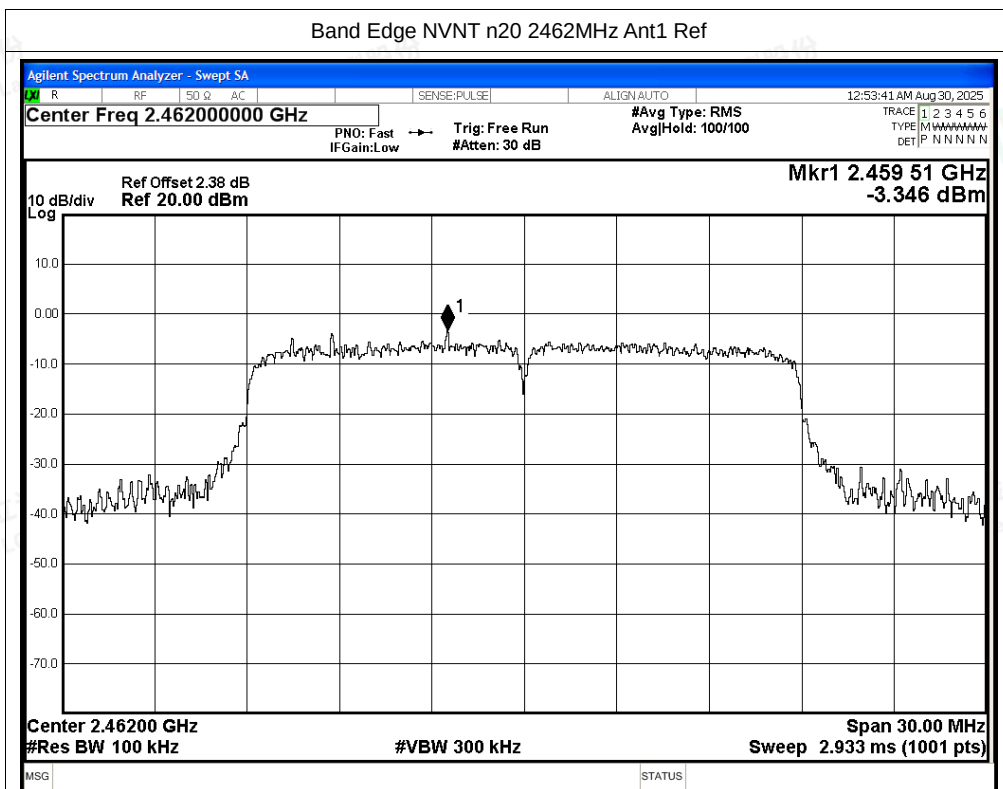


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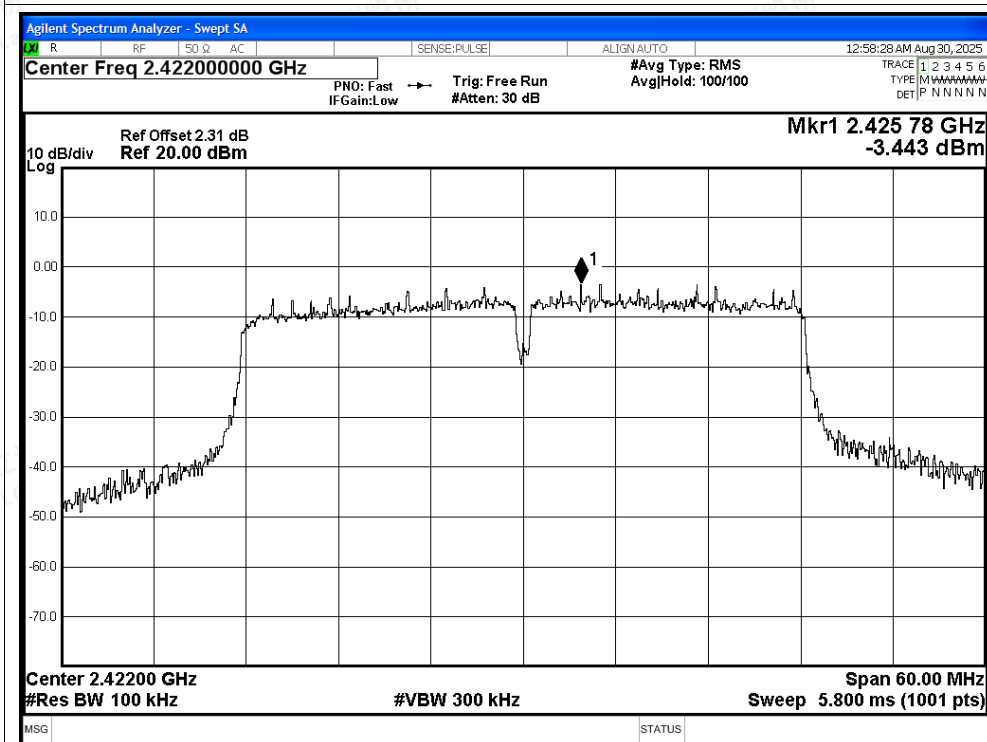
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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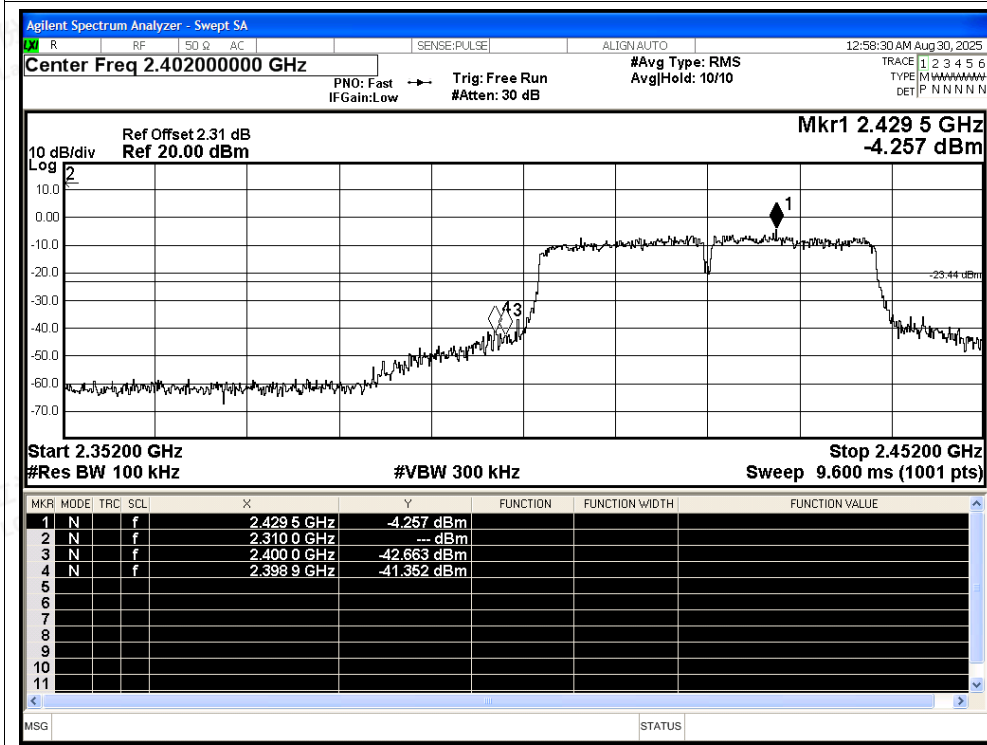
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## Band Edge NVNT n40 2422MHz Ant1 Ref



## Band Edge NVNT n40 2422MHz Ant1 Emission



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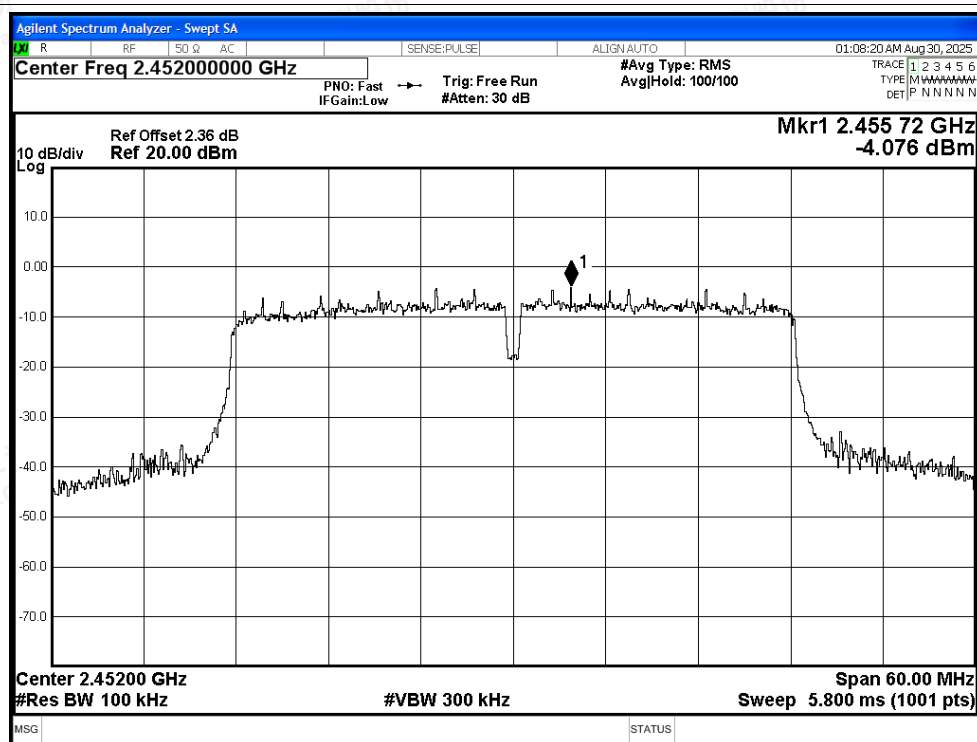
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

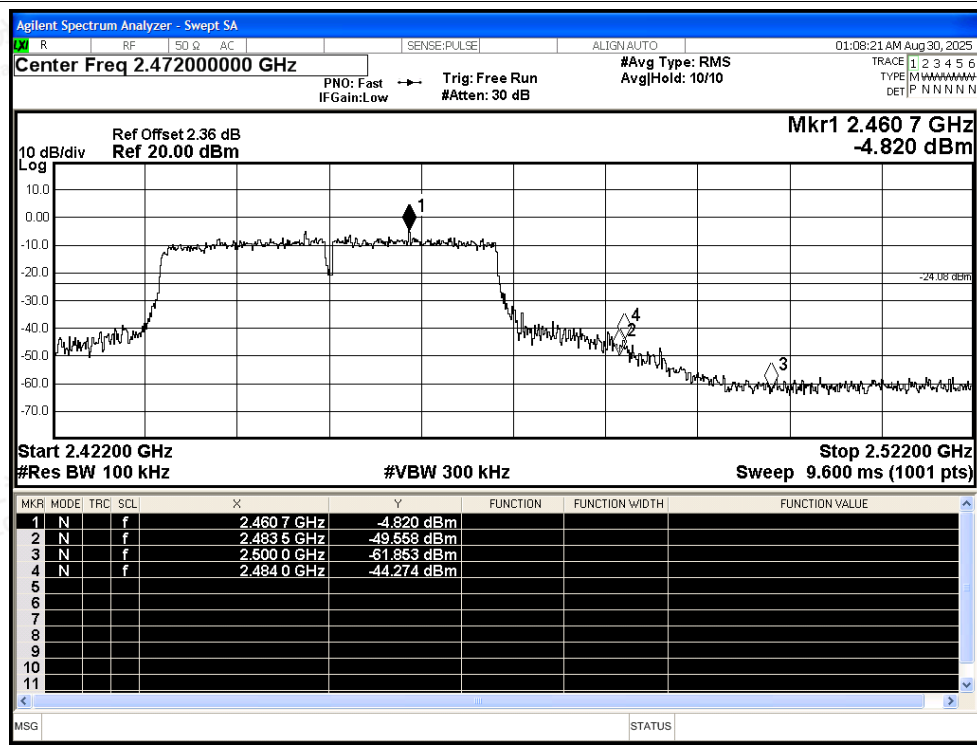
Scan code to check authenticity



## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission

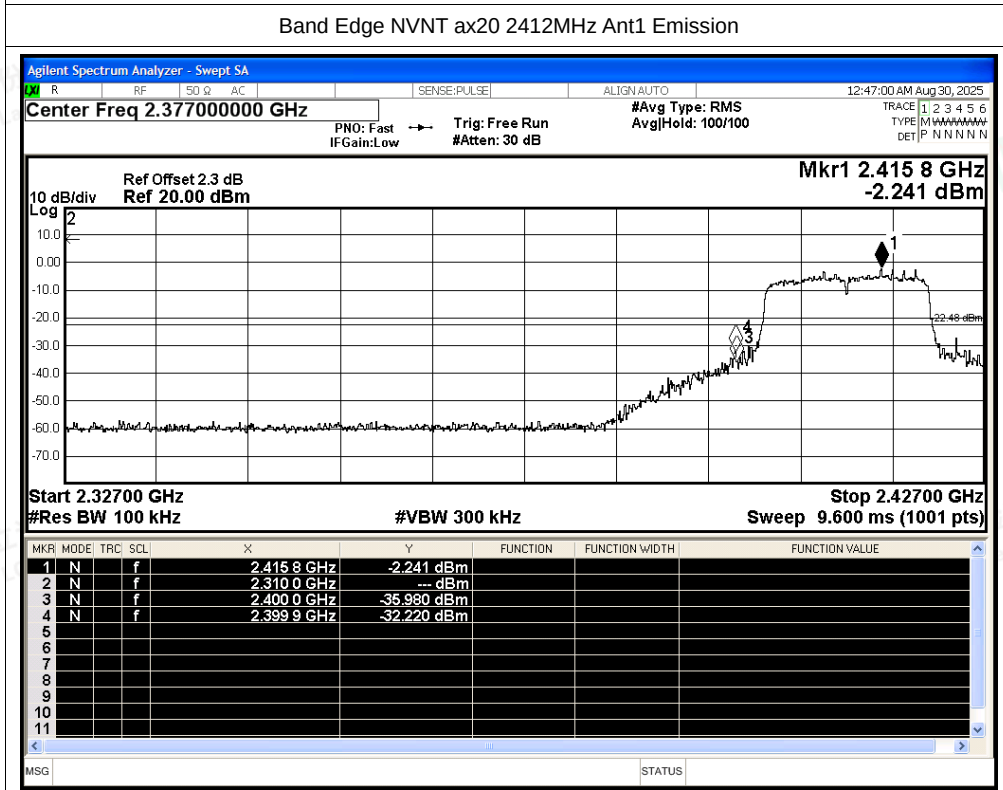
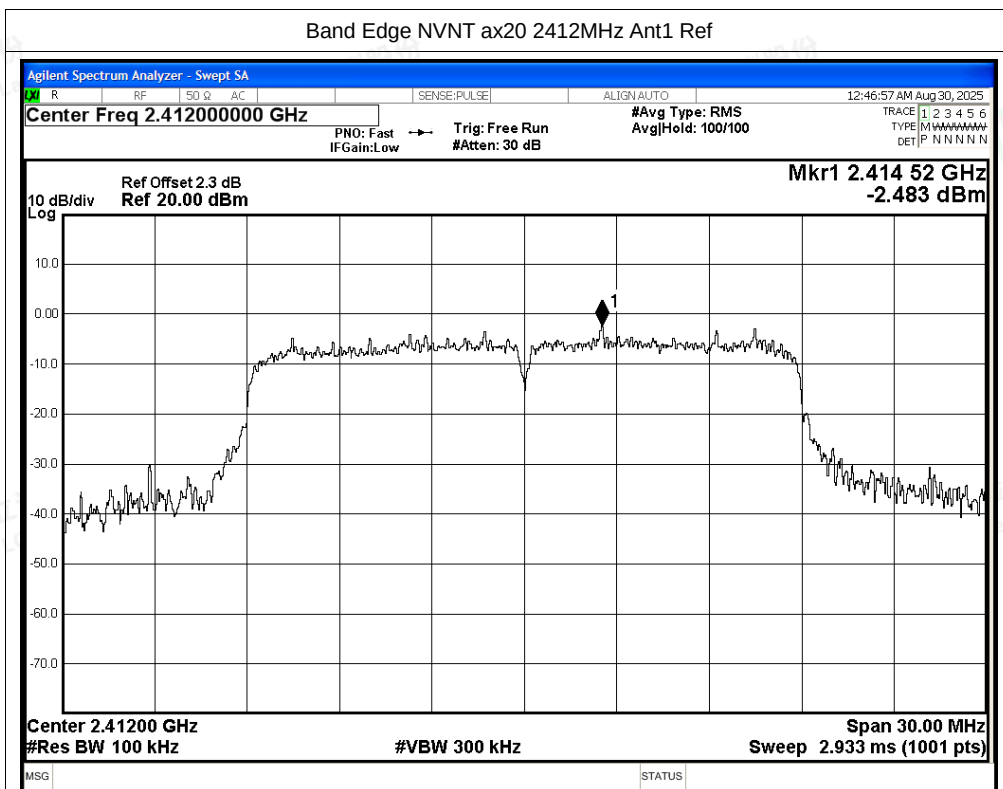


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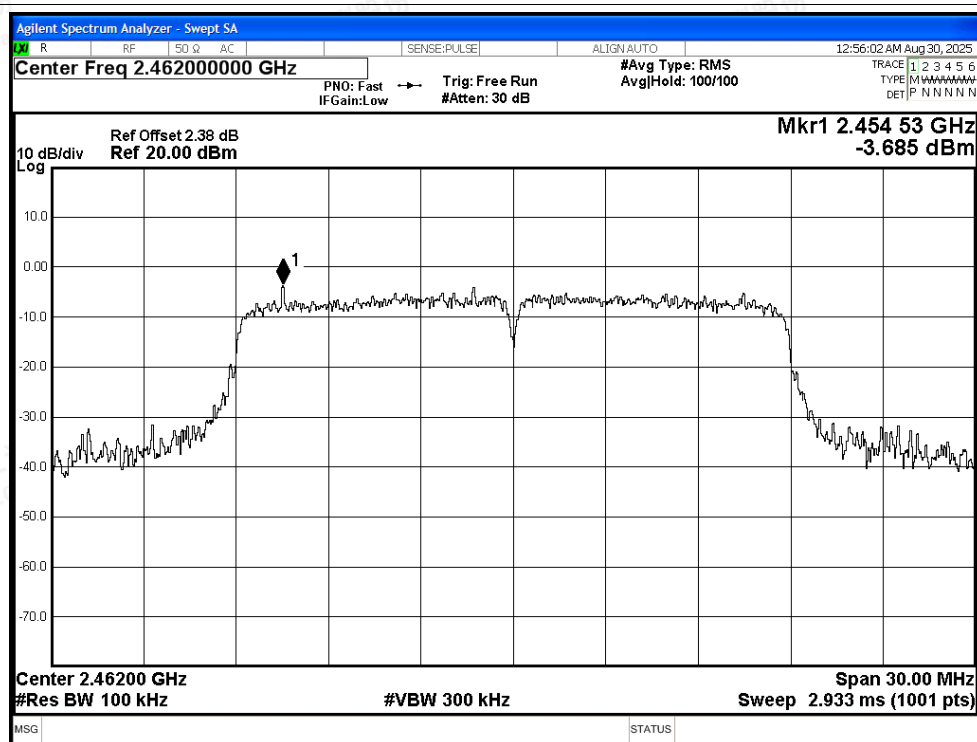
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

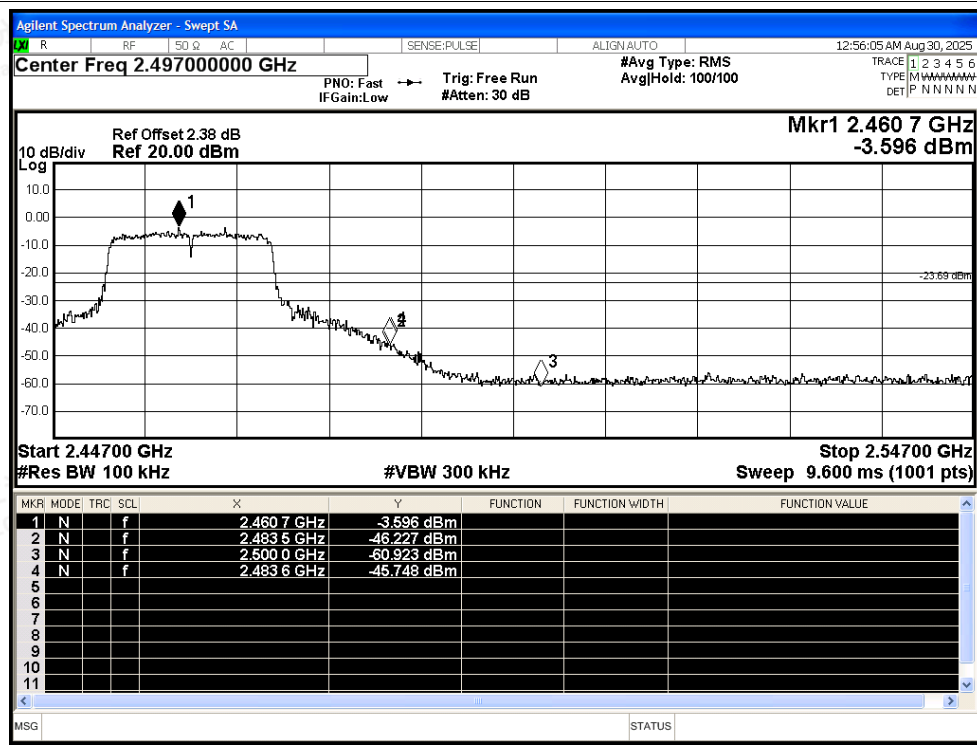
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## Band Edge NVNT ax20 2462MHz Ant1 Ref



## Band Edge NVNT ax20 2462MHz Ant1 Emission

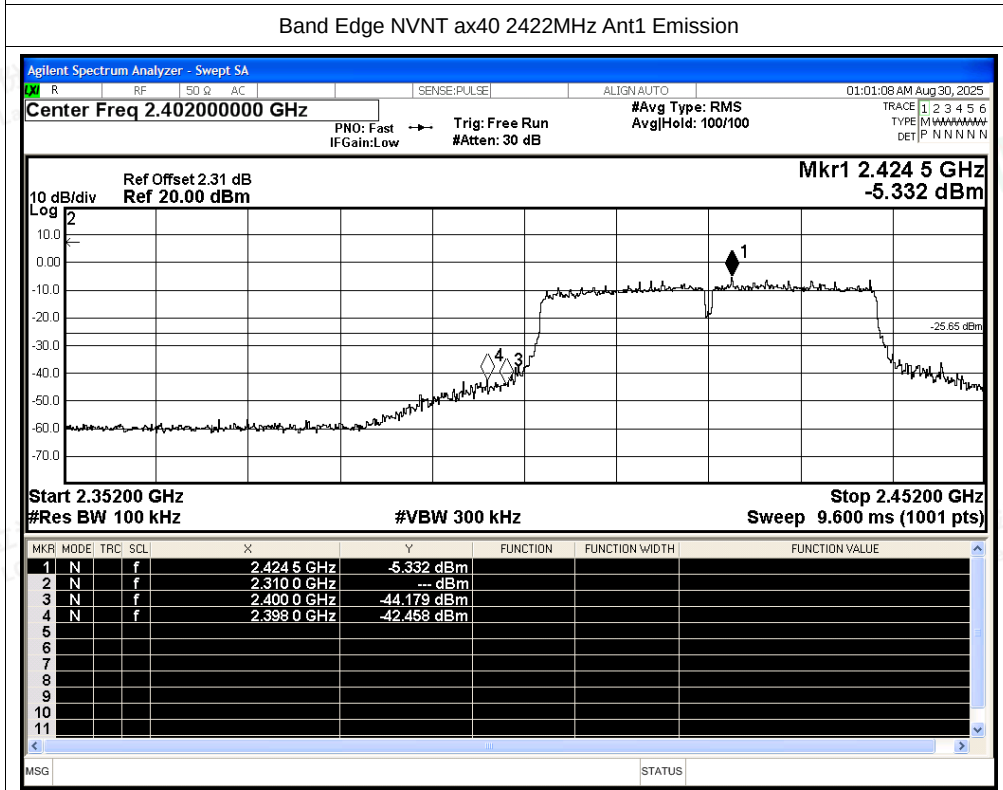
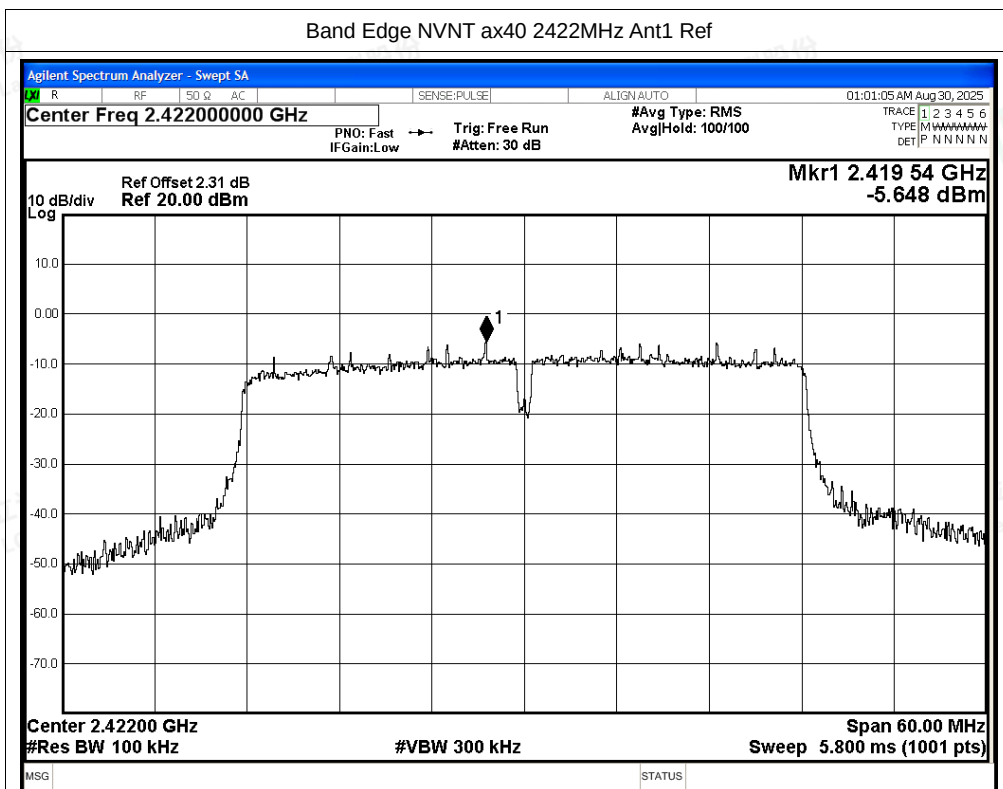


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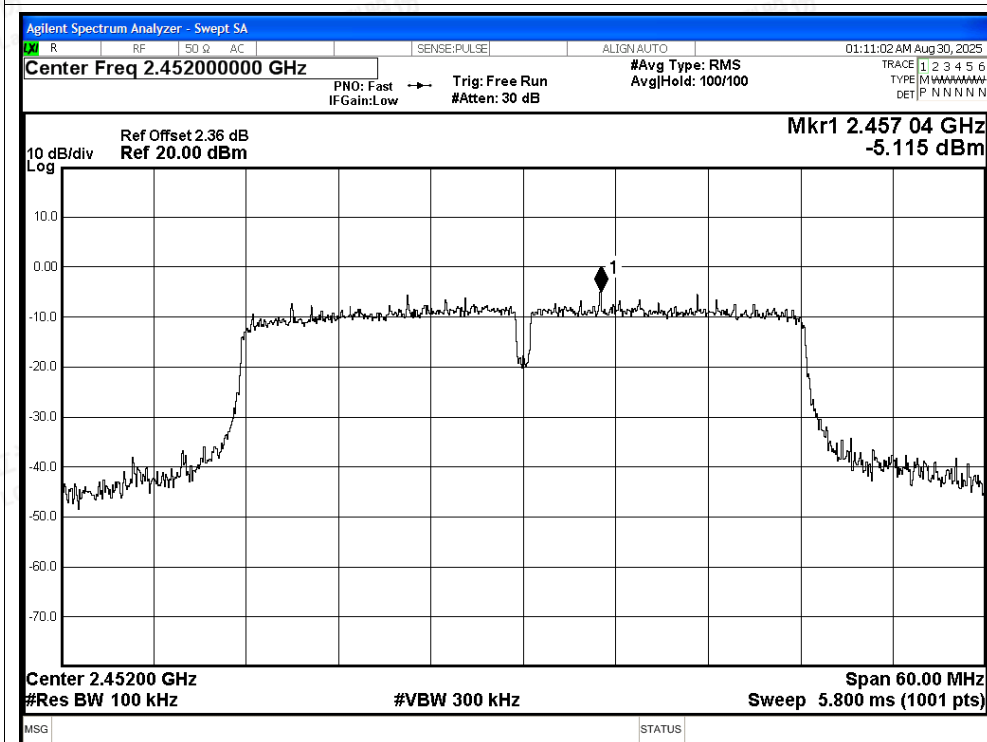
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

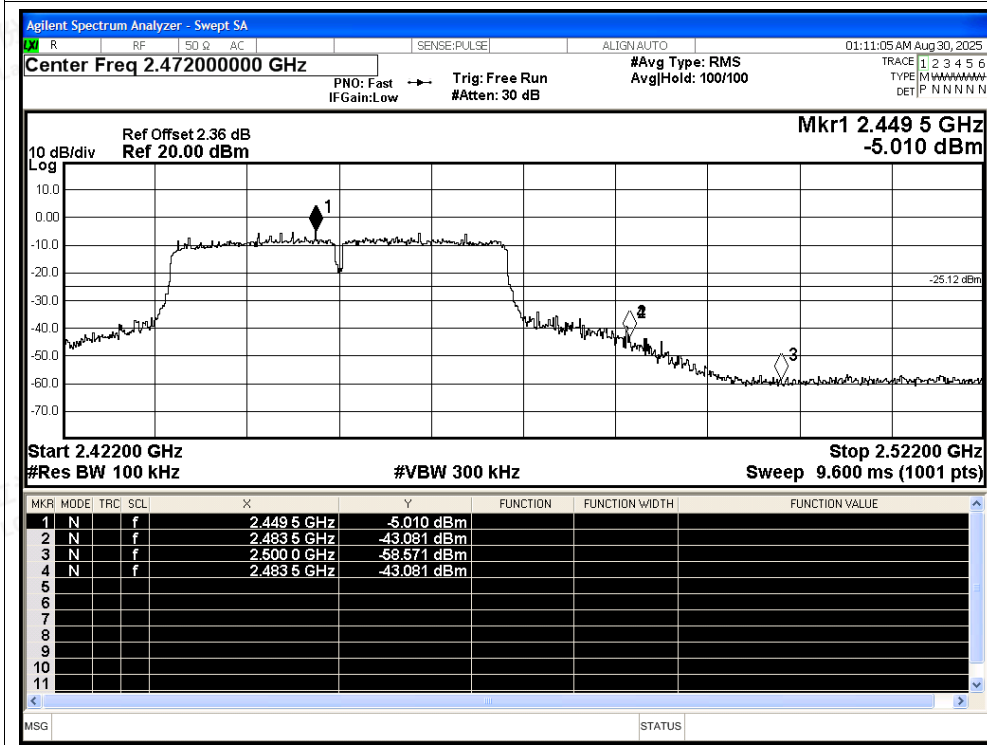
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## Band Edge NVNT ax40 2452MHz Ant1 Ref



## Band Edge NVNT ax40 2452MHz Ant1 Emission



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| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant2    | -48.26          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant2    | -60.22          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant2    | -37.21          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant2    | -48.09          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant2    | -34             | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant2    | -41.21          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant2    | -38.98          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant2    | -40.12          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant2    | -30.67          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant2    | -40.33          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant2    | -35.04          | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant2    | -36.76          | -20         | Pass    |



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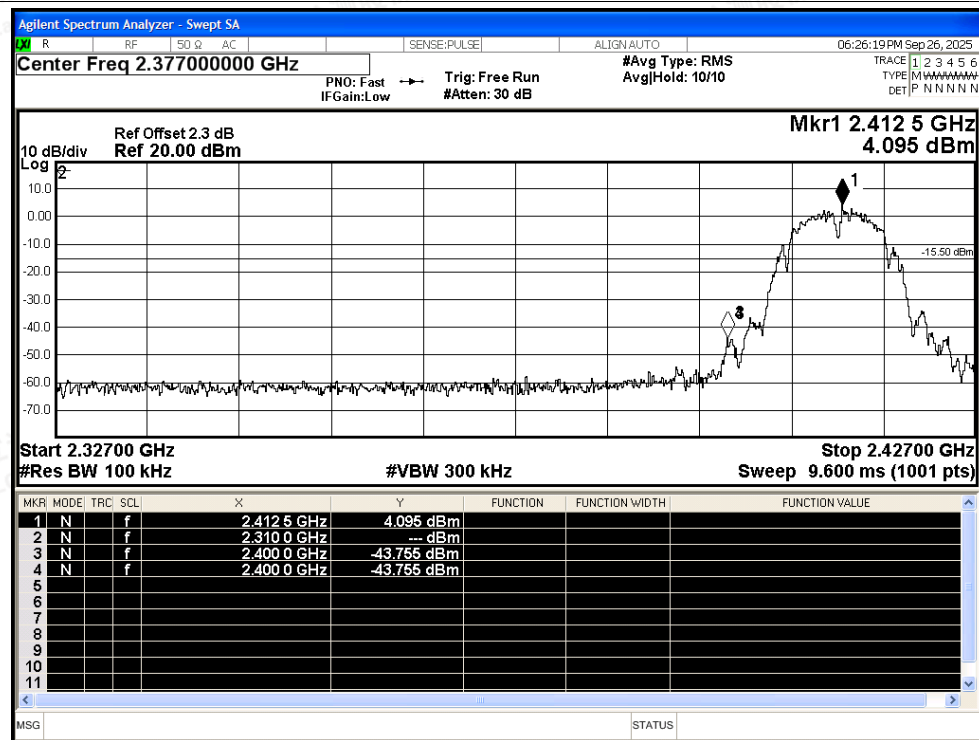


## Test Graphs

## Band Edge NVNT b 2412MHz Ant2 Ref



## Band Edge NVNT b 2412MHz Ant2 Emission



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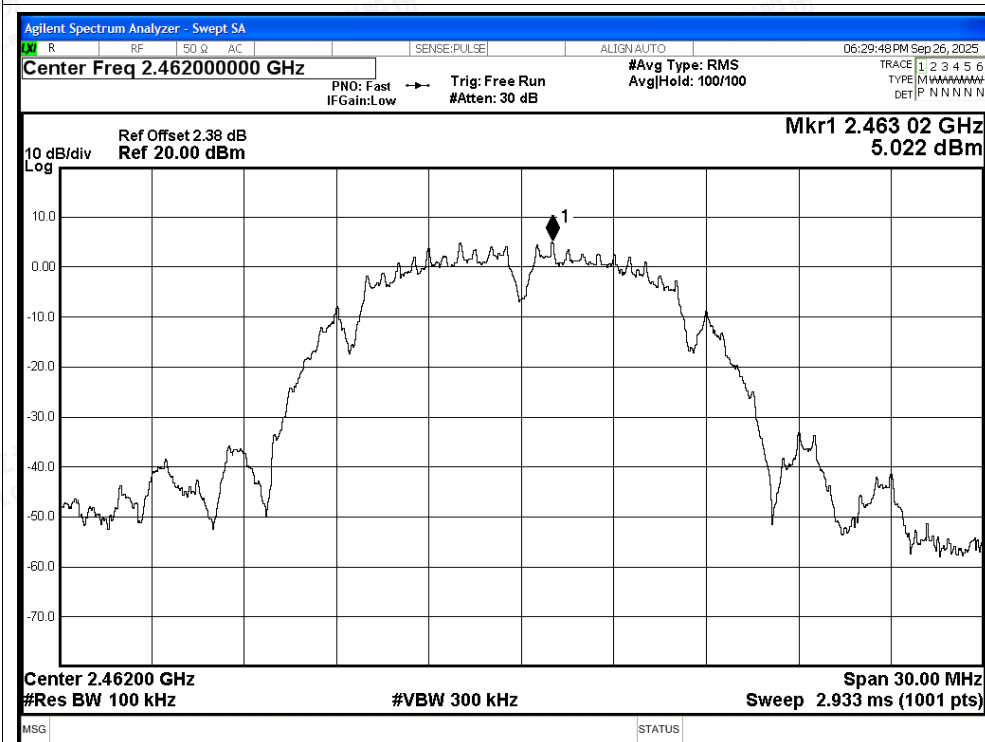
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

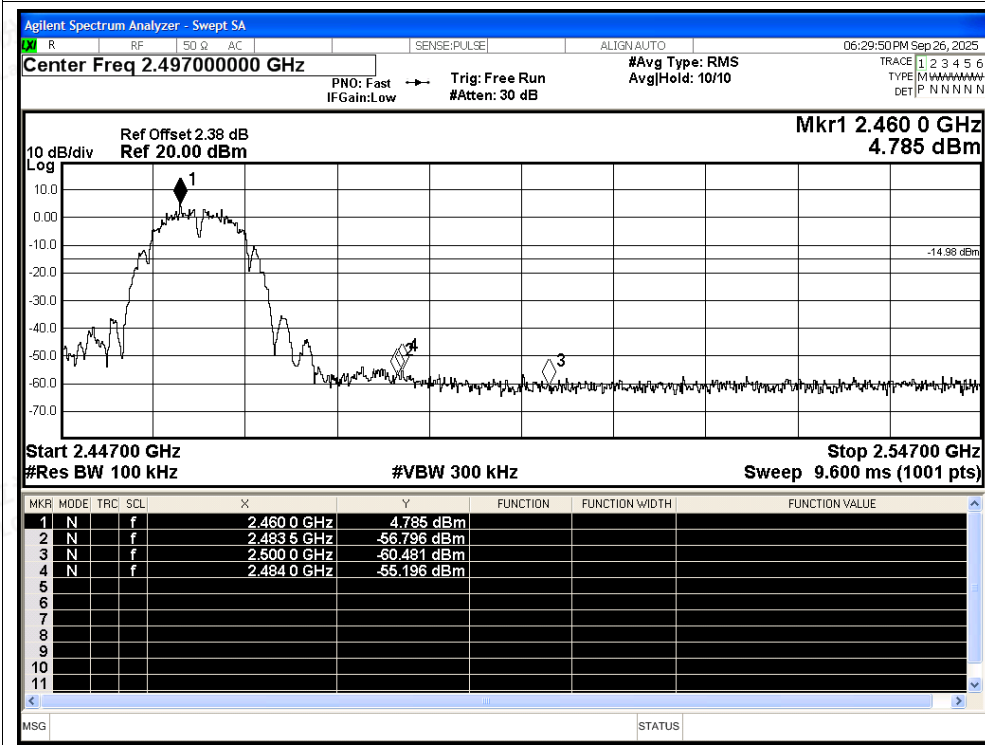
Scan code to check authenticity



## Band Edge NVNT b 2462MHz Ant2 Ref



## Band Edge NVNT b 2462MHz Ant2 Emission



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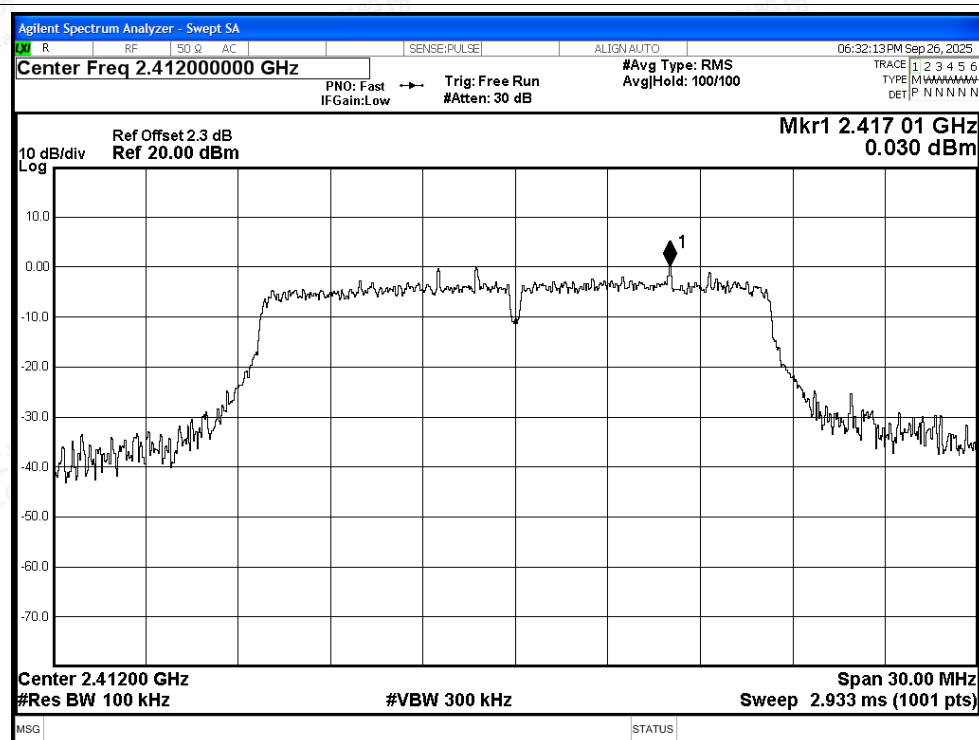
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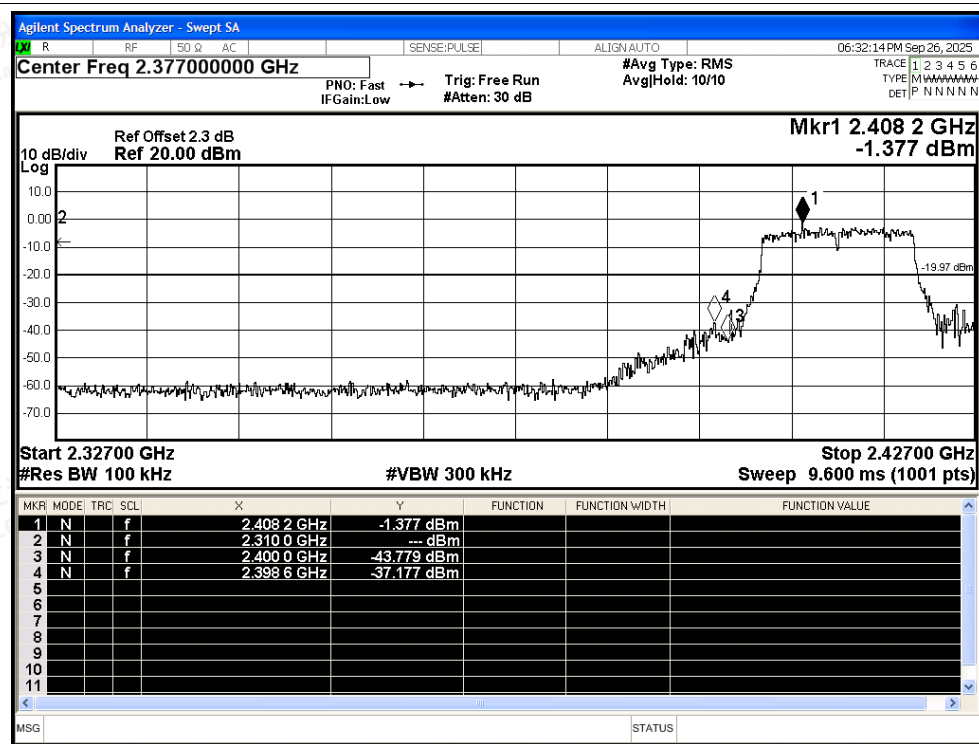
Scan code to check authenticity



## Band Edge NVNT g 2412MHz Ant2 Ref



## Band Edge NVNT g 2412MHz Ant2 Emission



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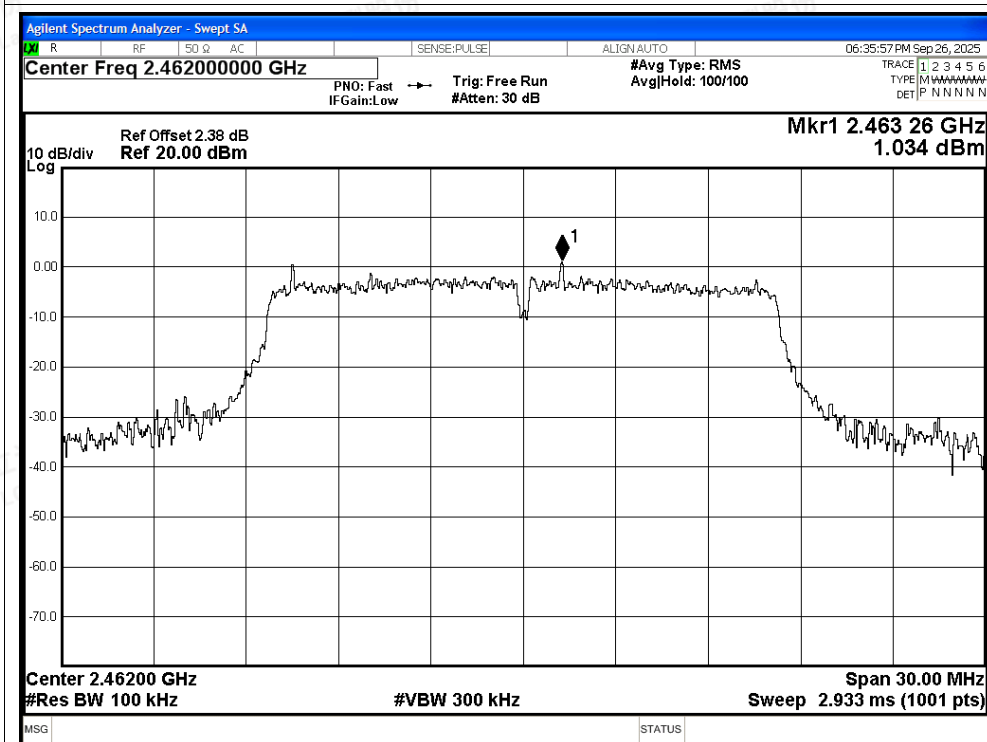
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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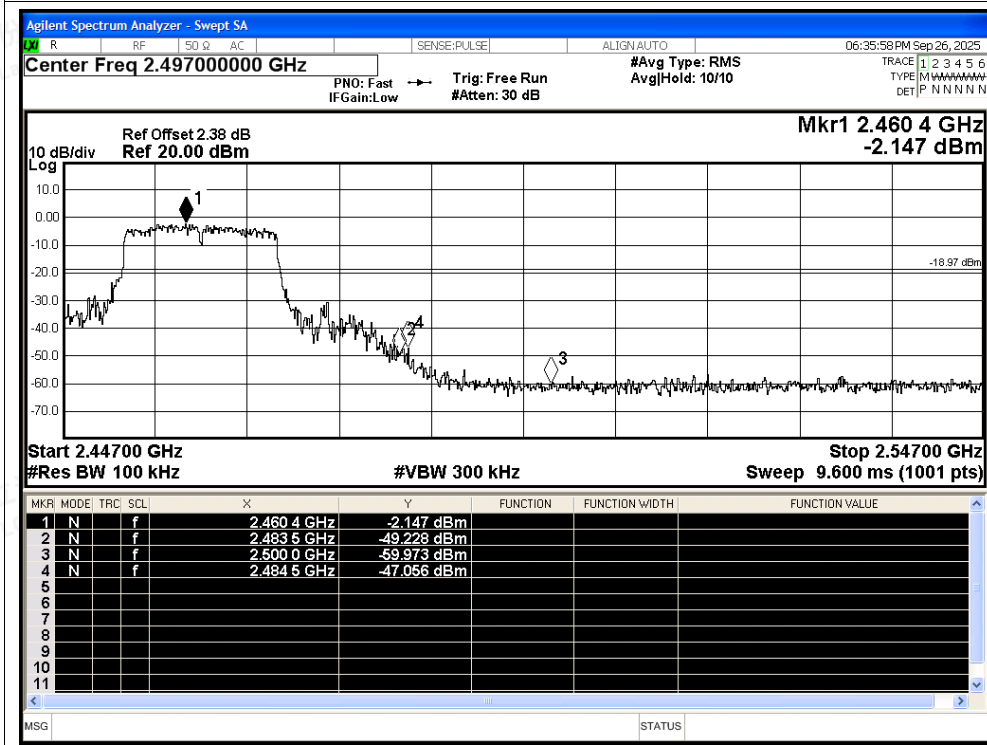
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## Band Edge NVNT g 2462MHz Ant2 Ref



## Band Edge NVNT g 2462MHz Ant2 Emission

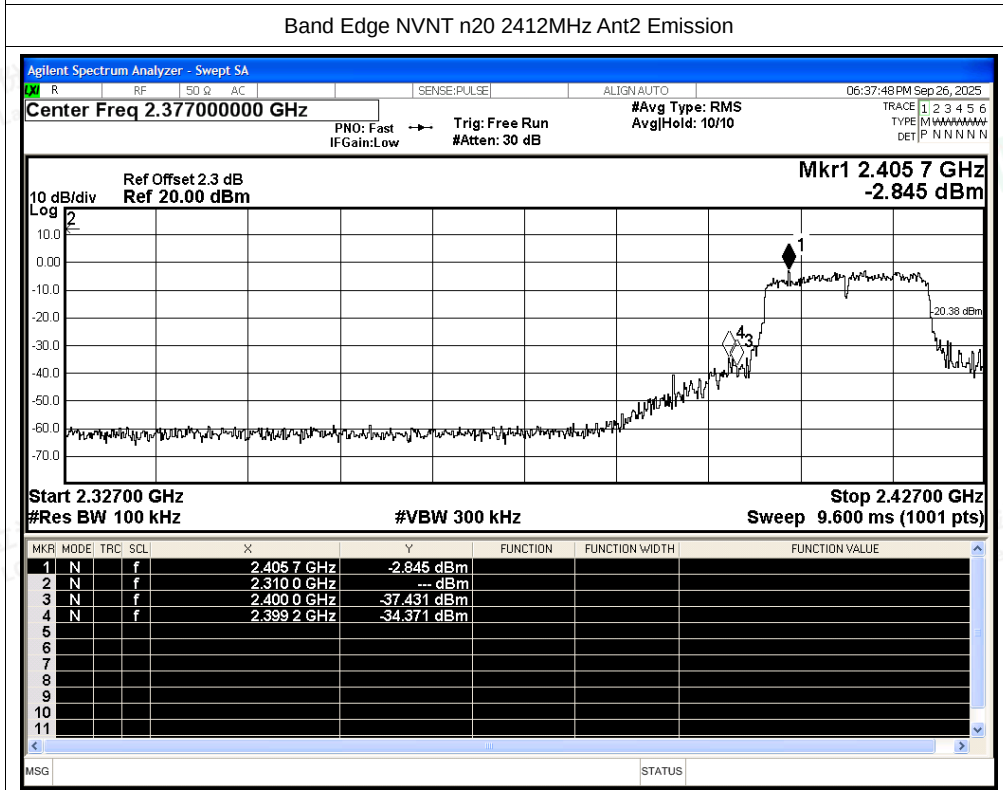
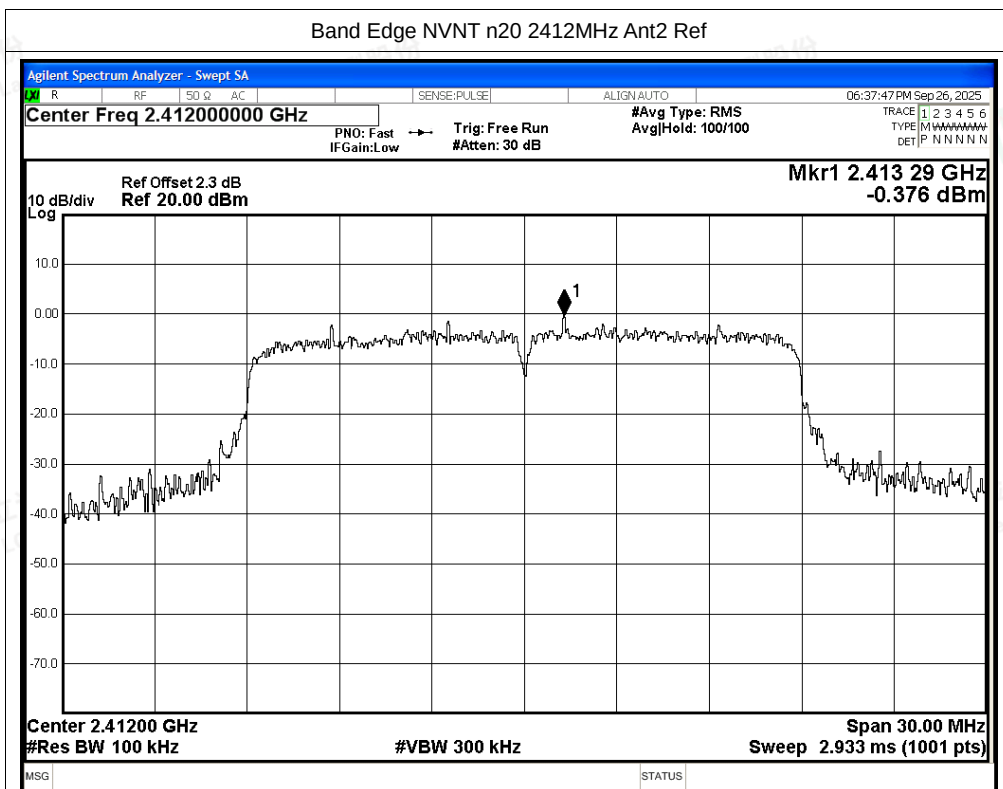


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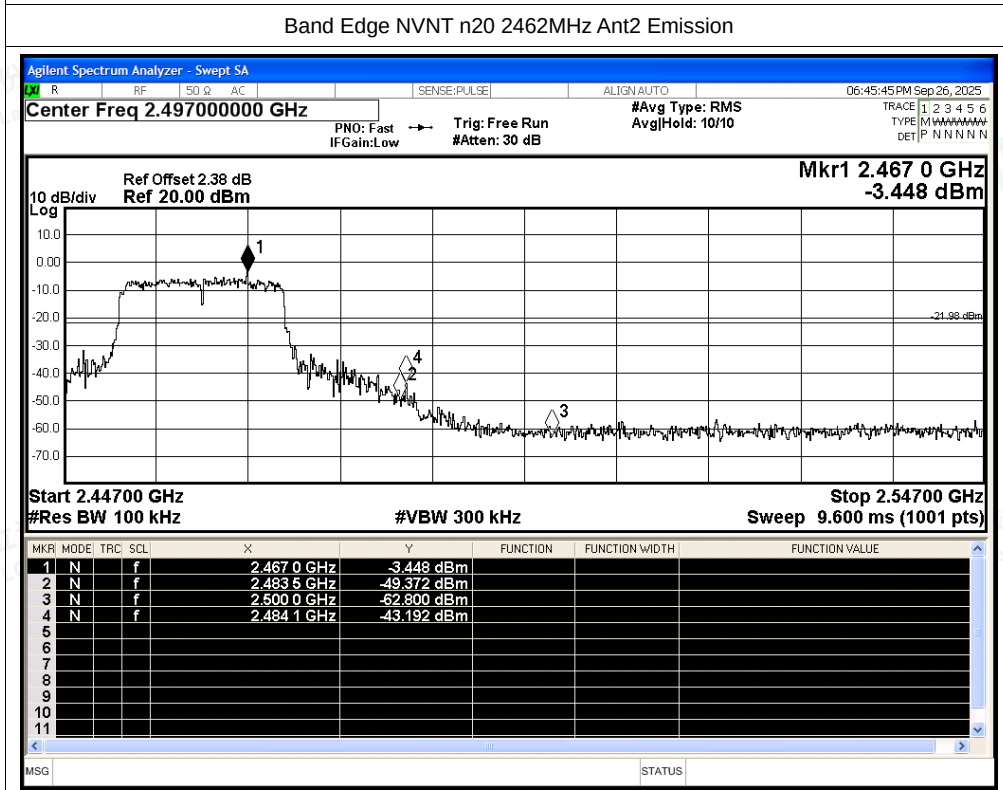
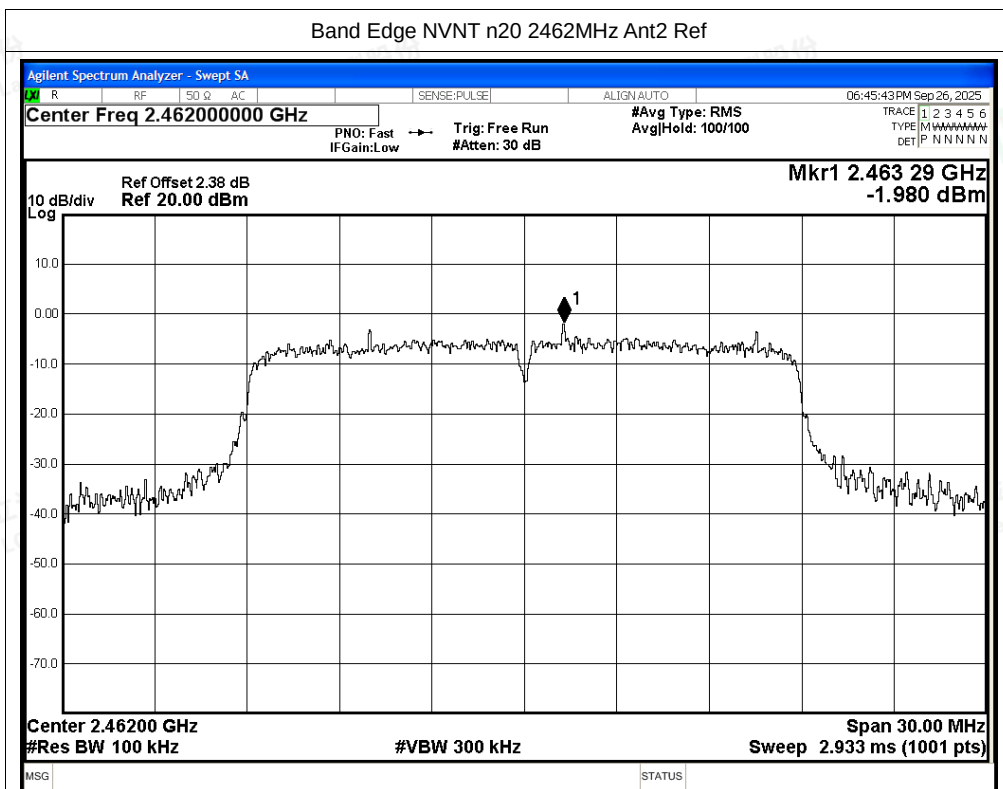


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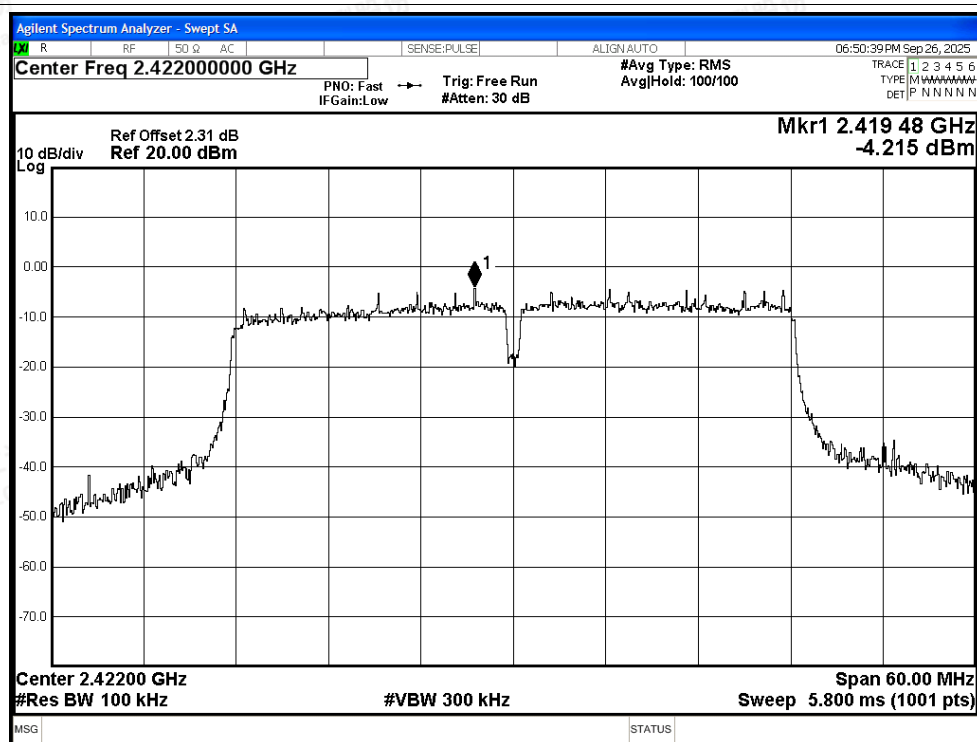
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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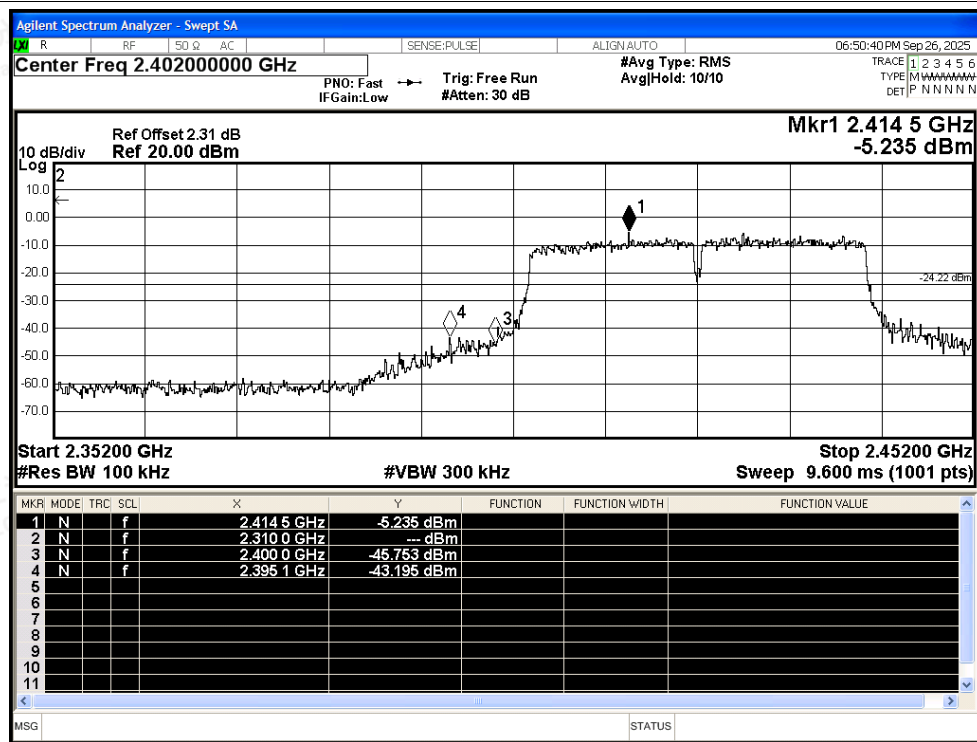
Scan code to check authenticity



## Band Edge NVNT n40 2422MHz Ant2 Ref



## Band Edge NVNT n40 2422MHz Ant2 Emission



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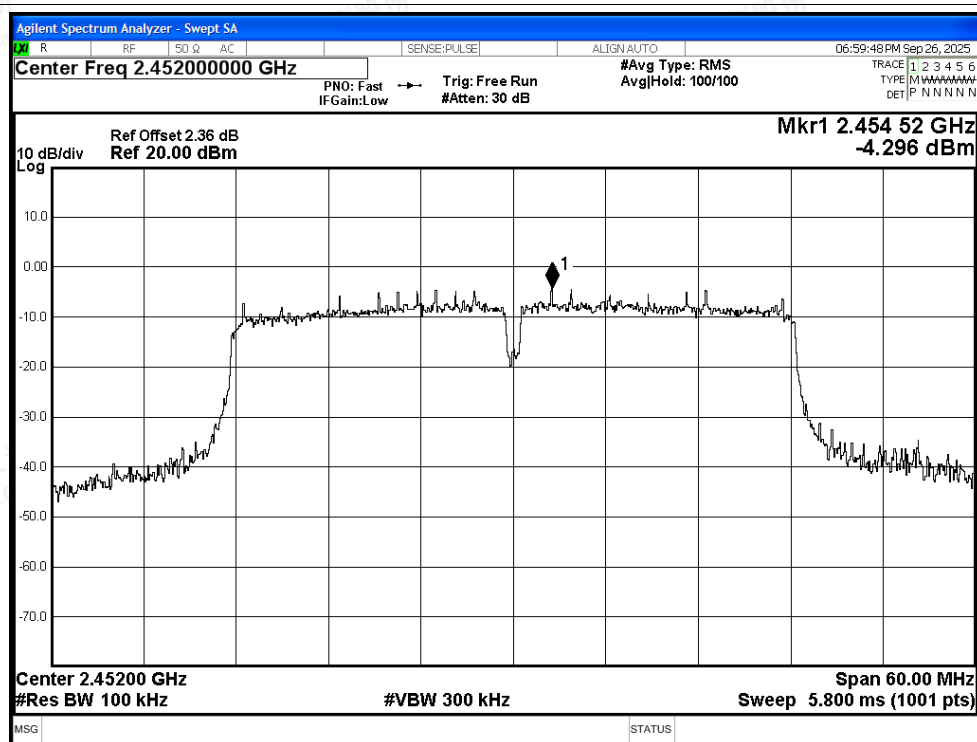
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

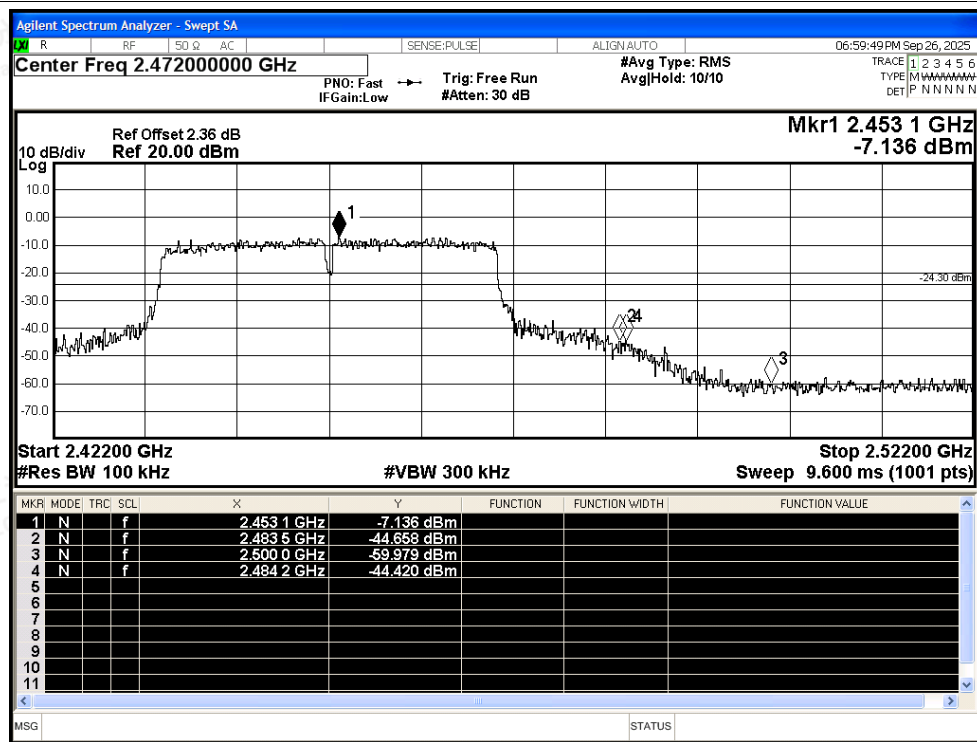
Scan code to check authenticity



## Band Edge NVNT n40 2452MHz Ant2 Ref



## Band Edge NVNT n40 2452MHz Ant2 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

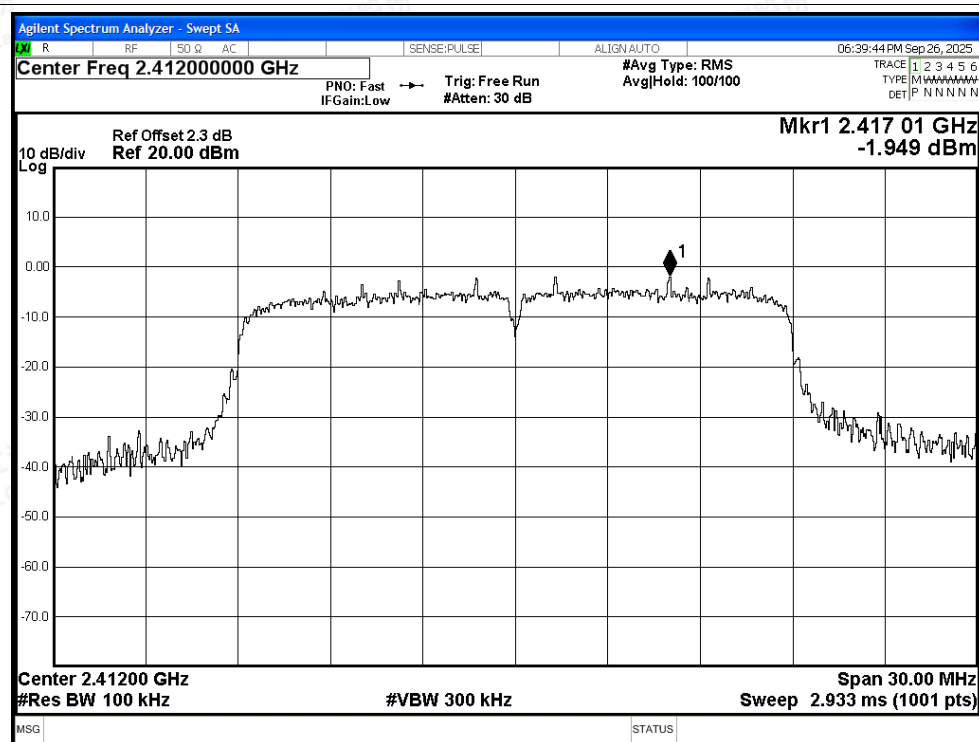
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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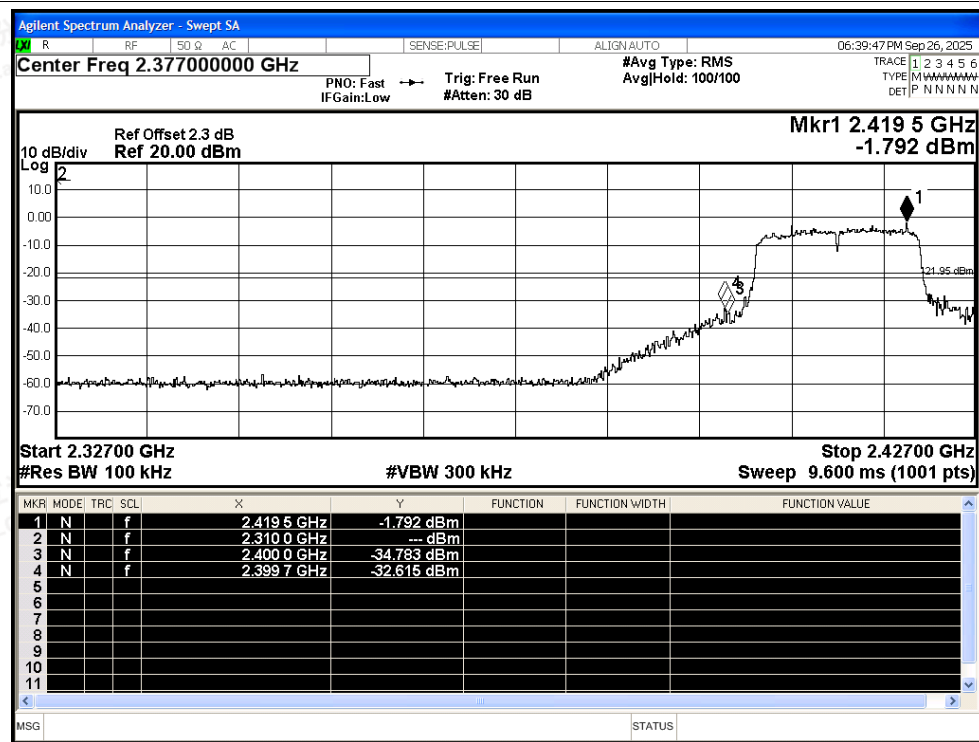
Scan code to check authenticity



## Band Edge NVNT ax20 2412MHz Ant2 Ref



## Band Edge NVNT ax20 2412MHz Ant2 Emission

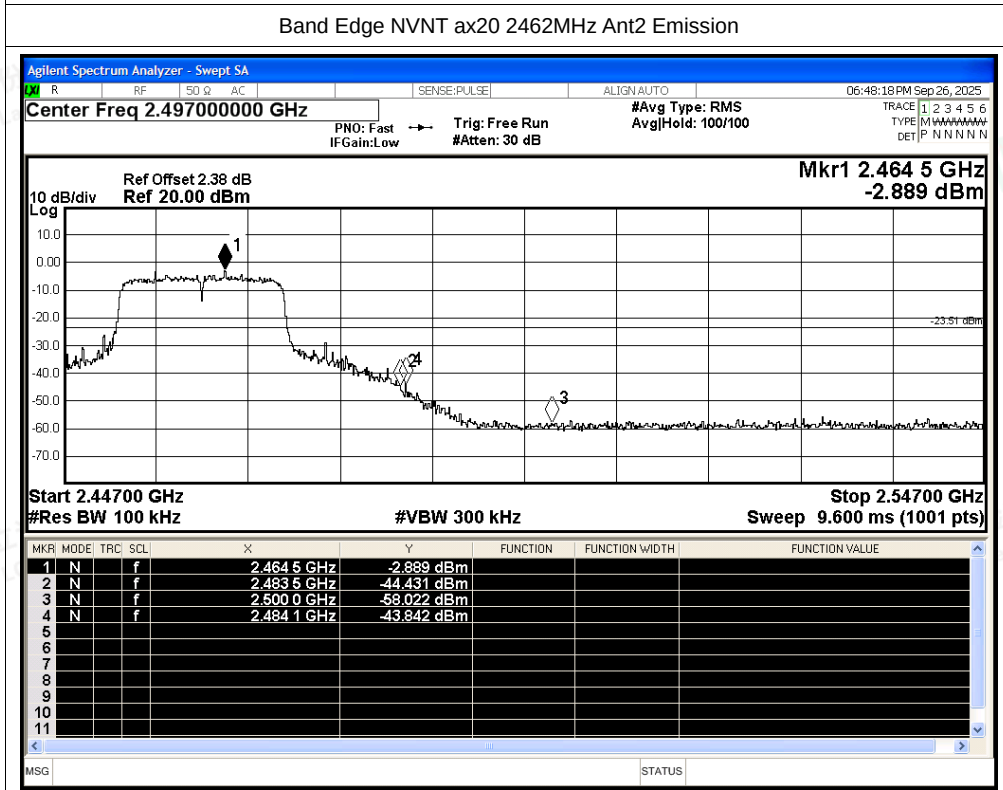
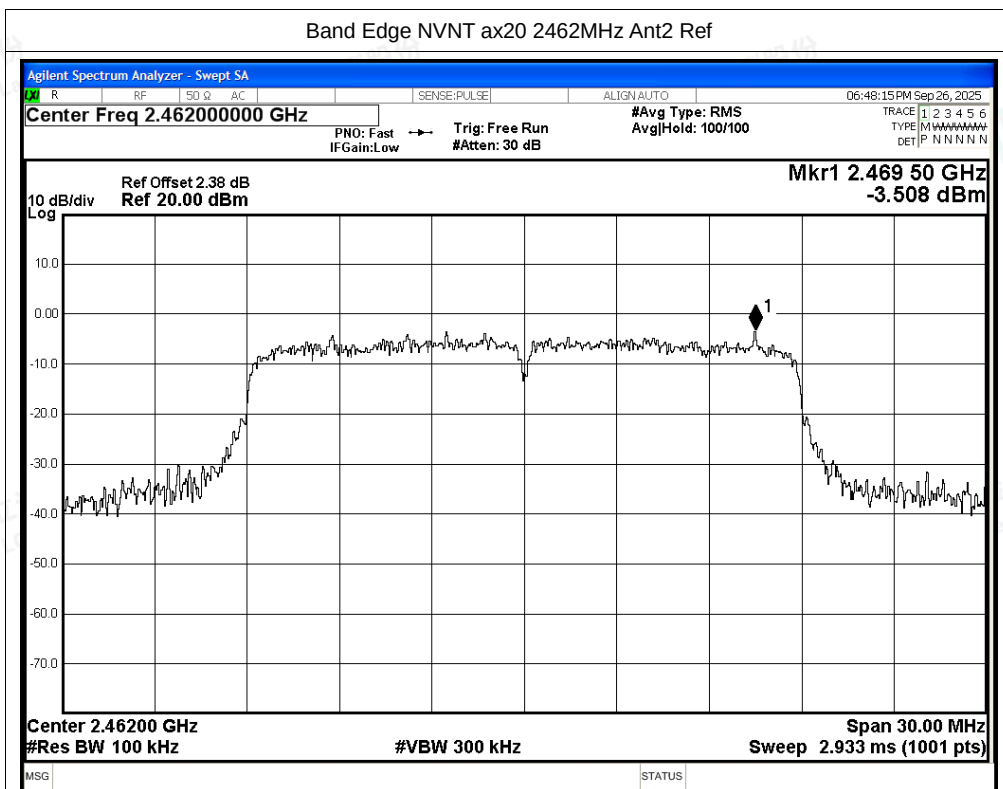


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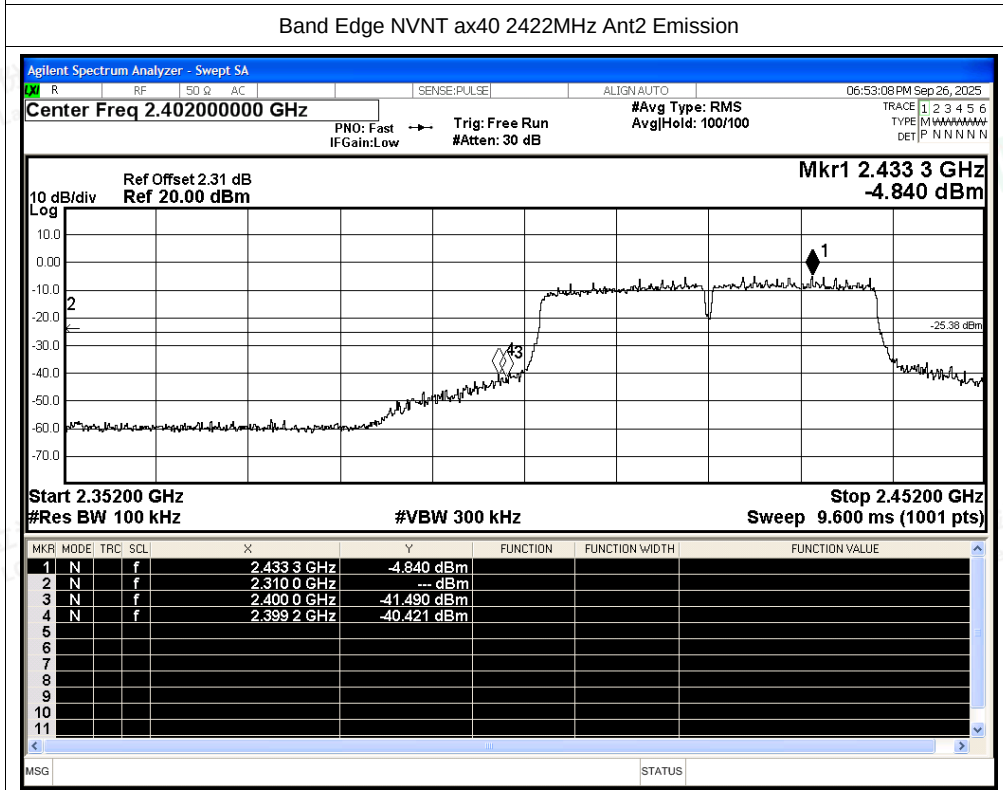
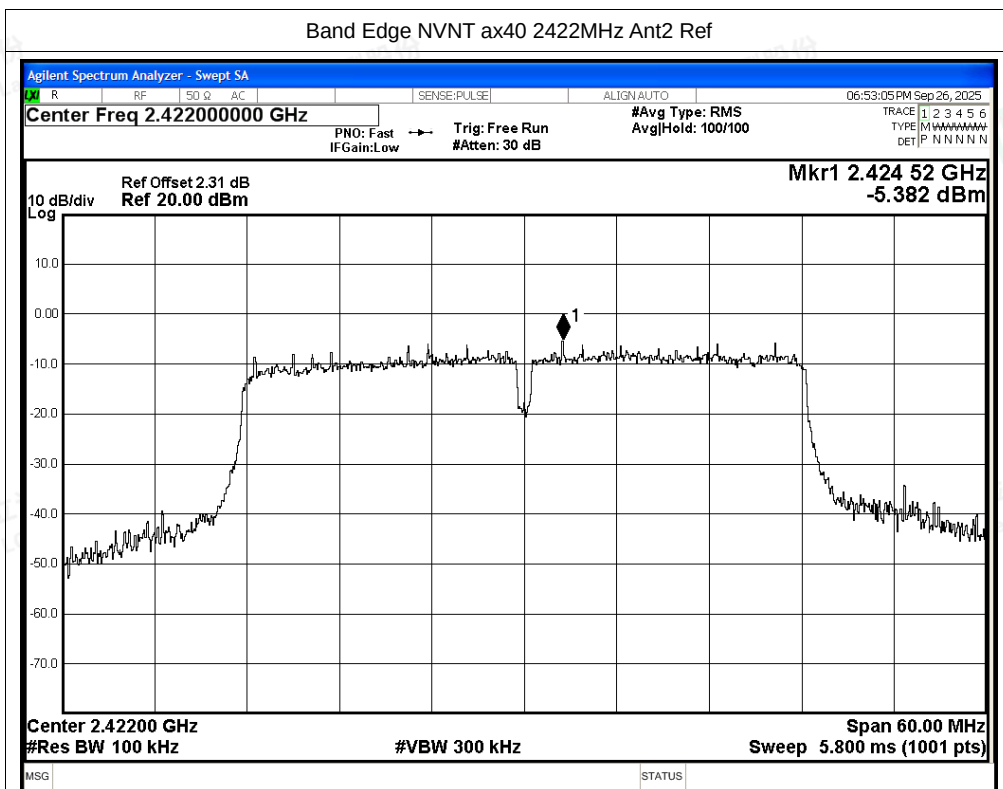


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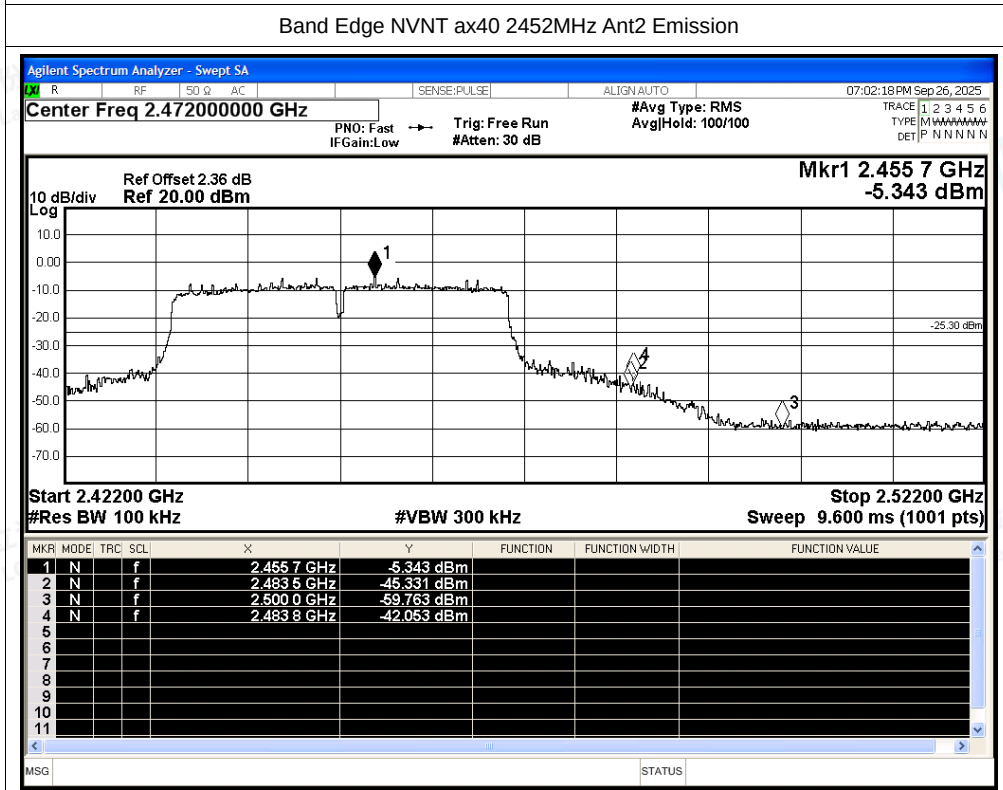
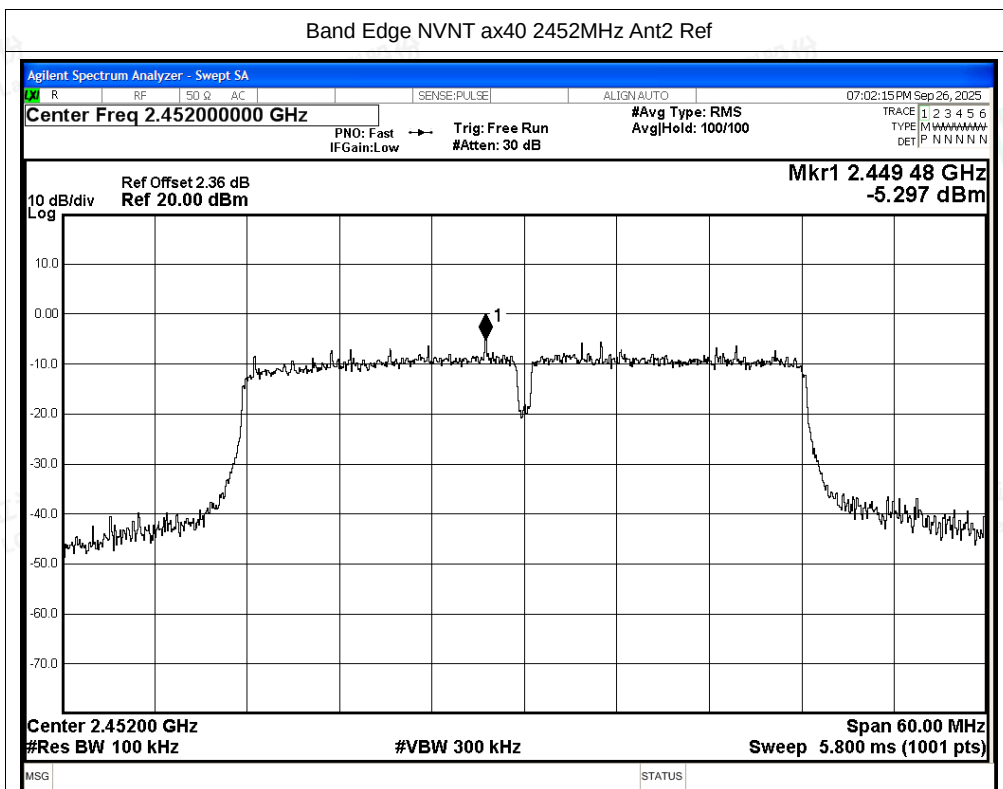


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## C.5 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -49.63          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -48.77          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -49.04          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -44.81          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -43.77          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -45.21          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -43.12          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -44.8           | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -41.75          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -40.89          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -41.63          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -40.41          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -42.02          | -20         | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -43.17          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -42.01          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -39.31          | -20         | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | -39.69          | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -39.73          | -20         | Pass    |



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Scan code to check authenticity

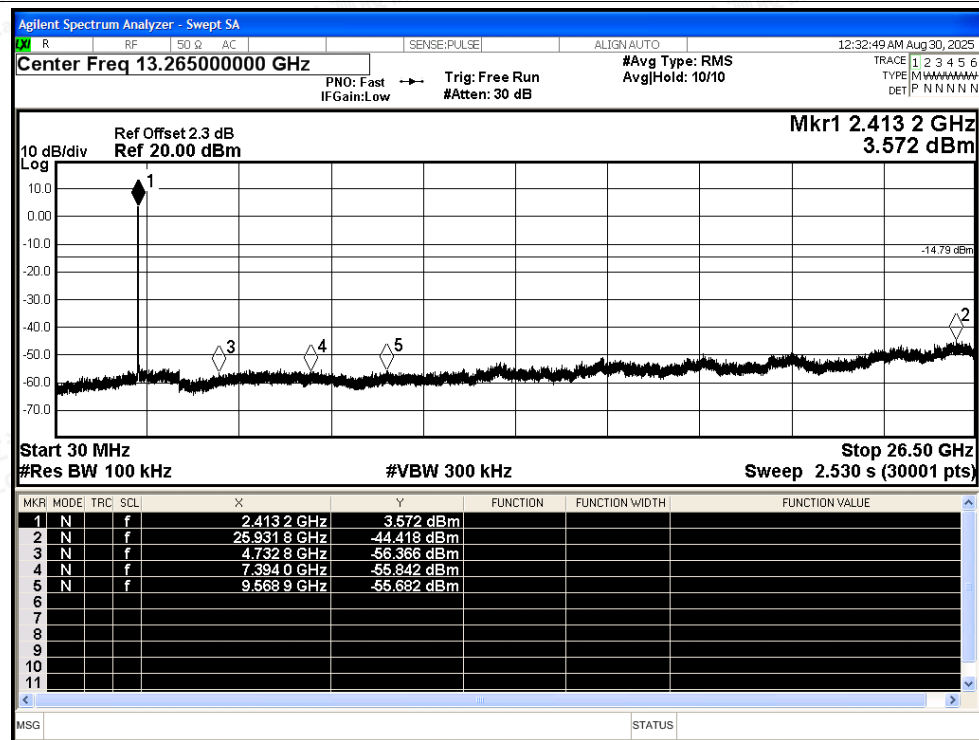


## Test Graphs

## Tx. Spurious NVNT b 2412MHz Ant1 Ref



## Tx. Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

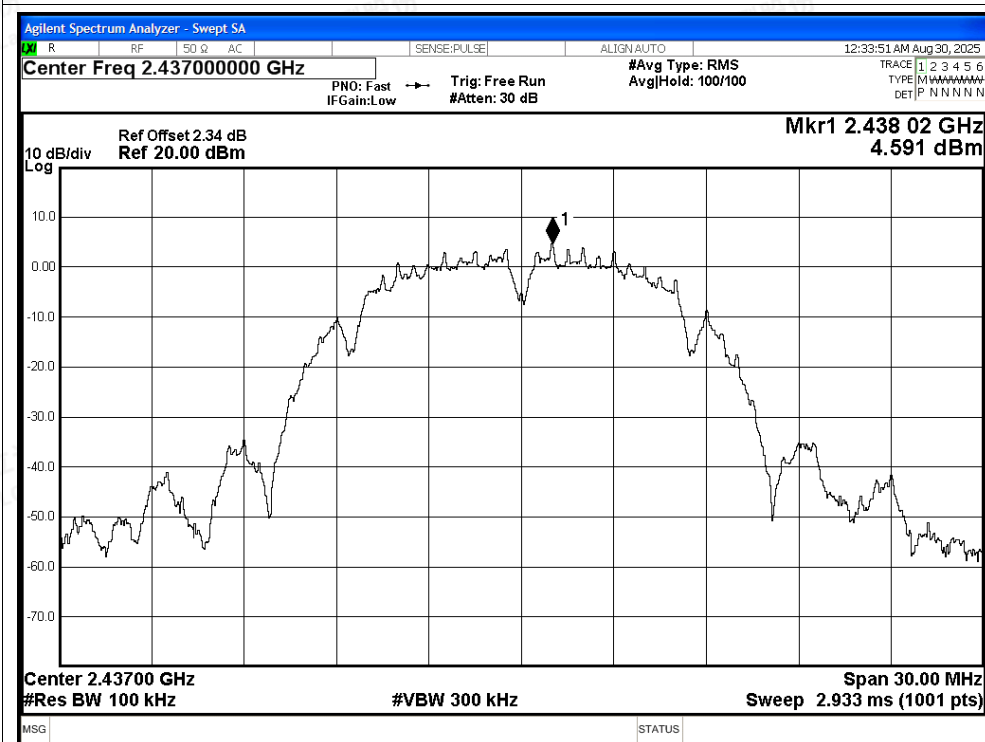
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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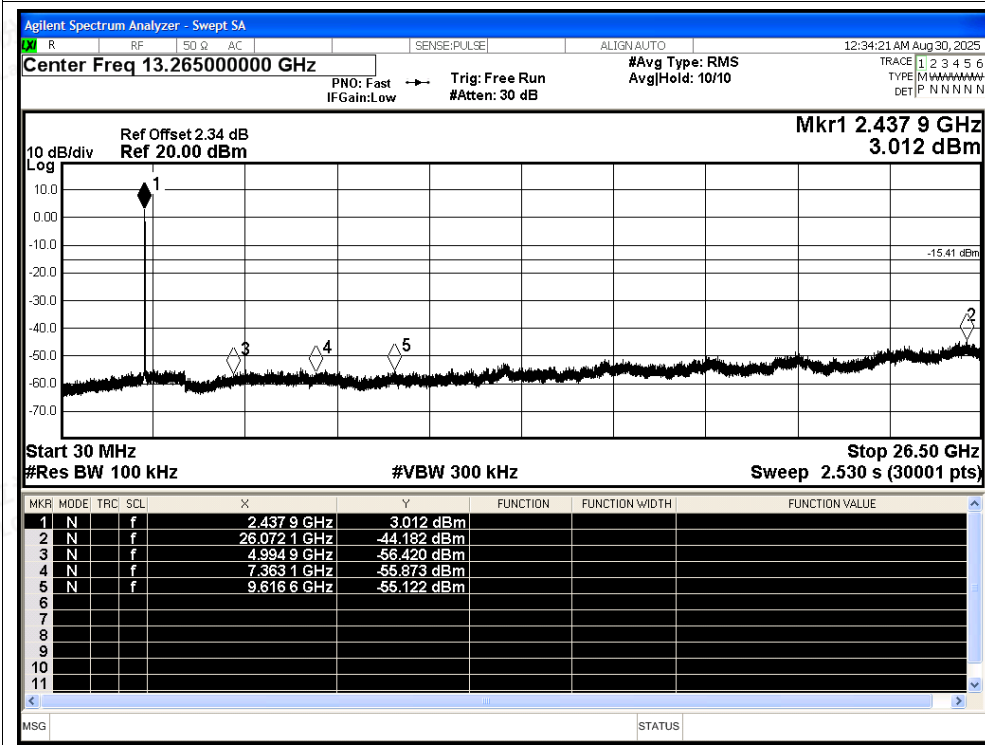
Scan code to check authenticity



## Tx. Spurious NVNT b 2437MHz Ant1 Ref



## Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

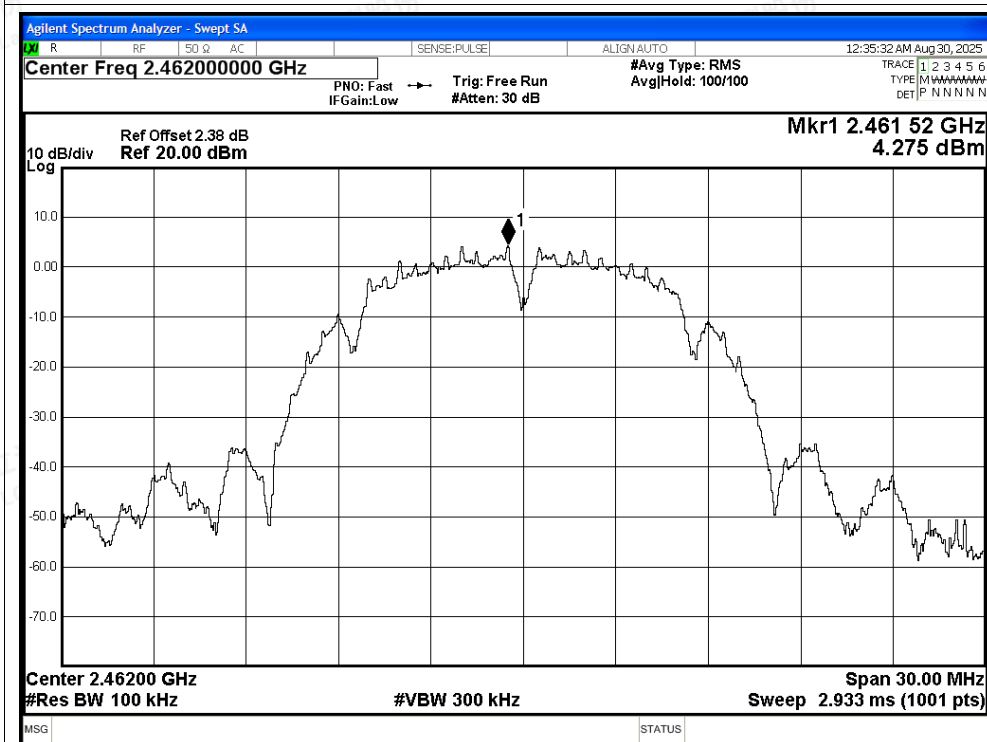
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

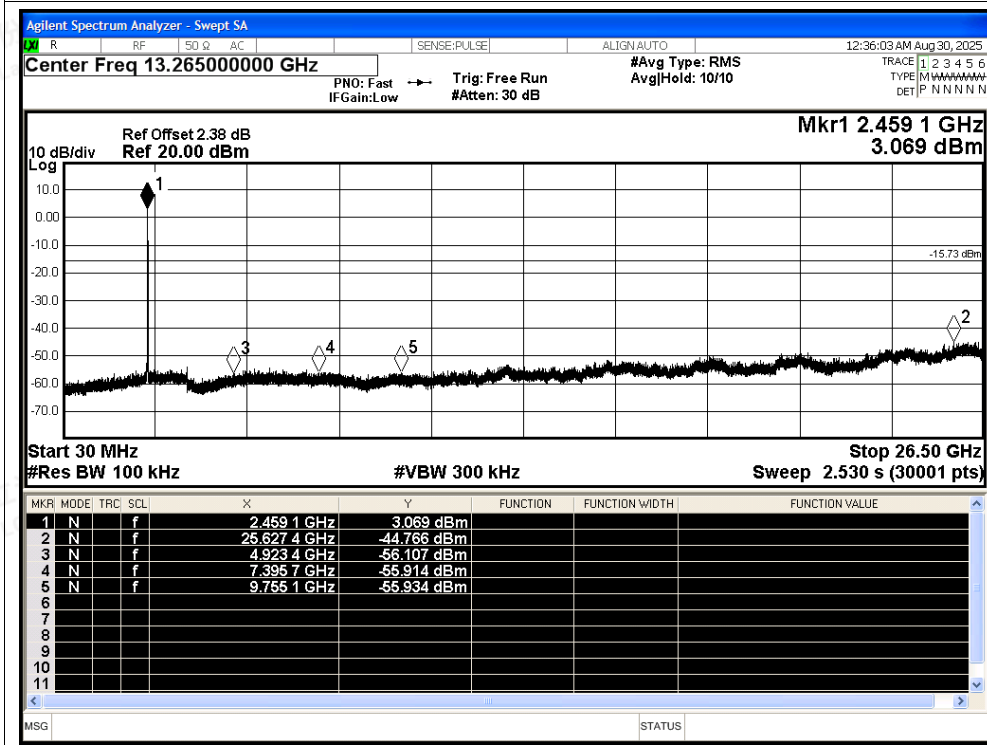
Scan code to check authenticity



## Tx. Spurious NVNT b 2462MHz Ant1 Ref



## Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

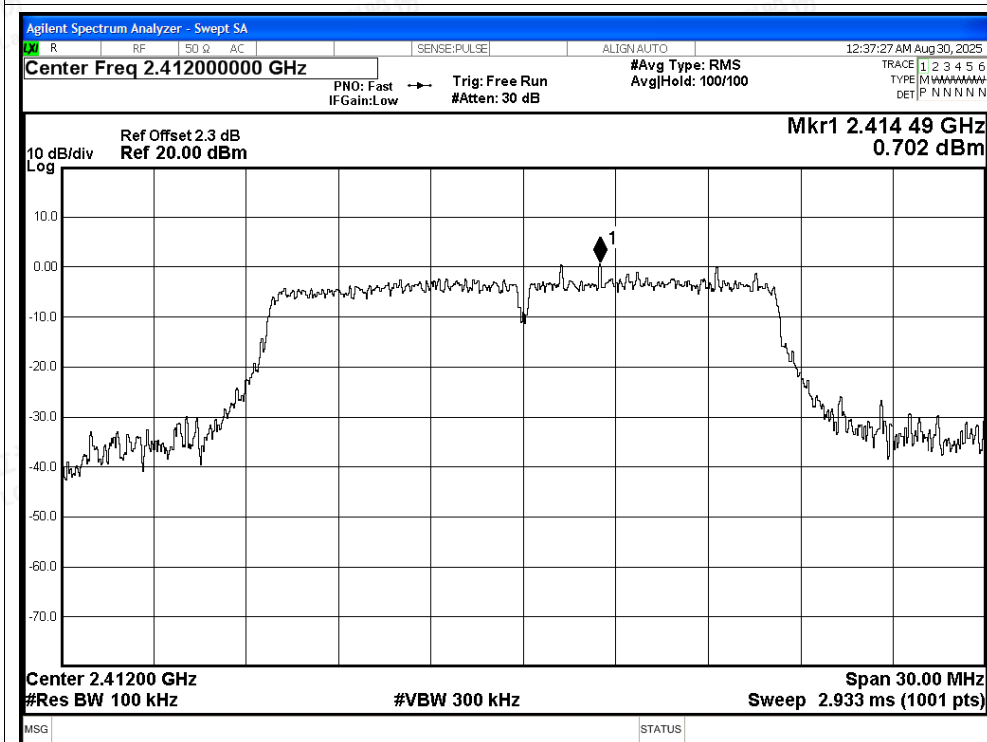
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

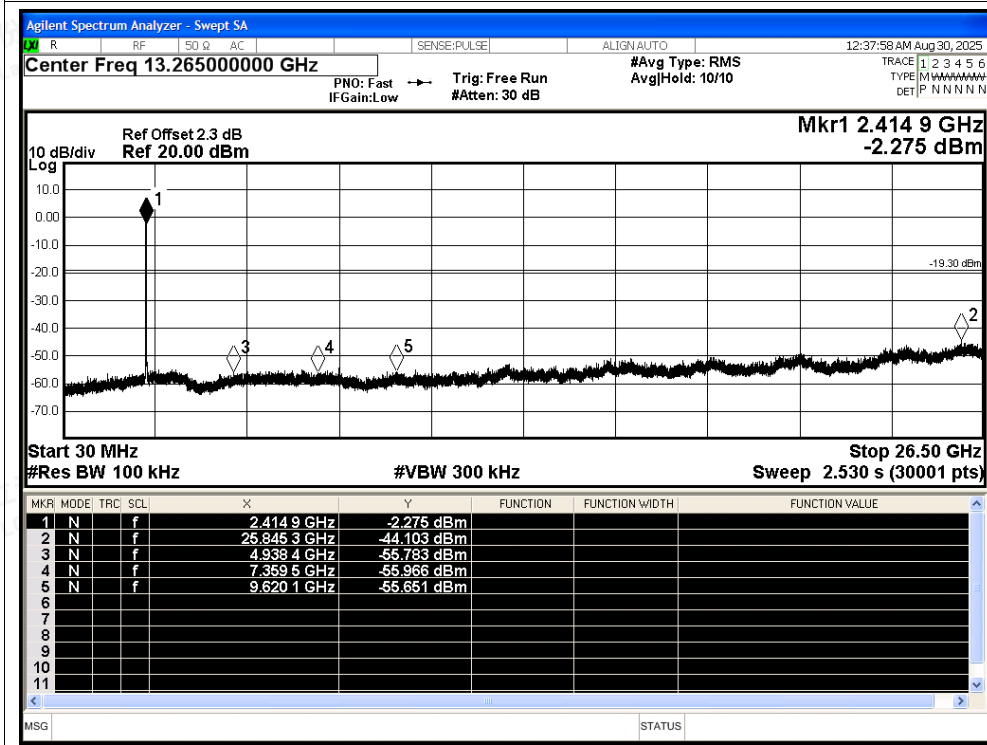
Scan code to check authenticity



## Tx. Spurious NVNT g 2412MHz Ant1 Ref



## Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

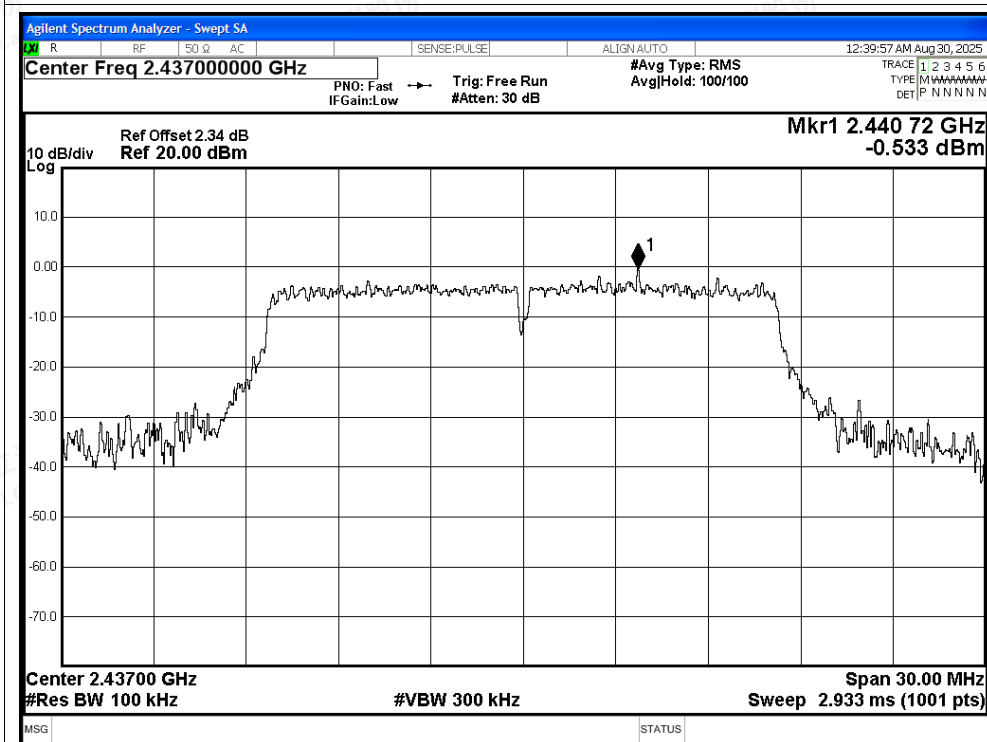
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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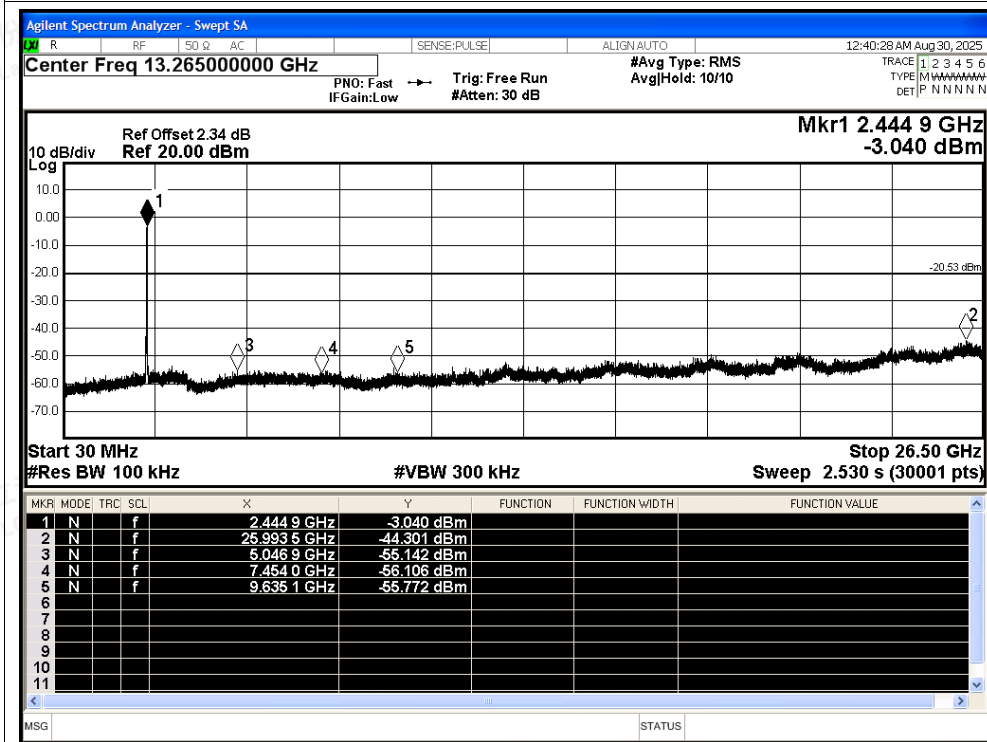
Scan code to check authenticity



## Tx. Spurious NVNT g 2437MHz Ant1 Ref



## Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

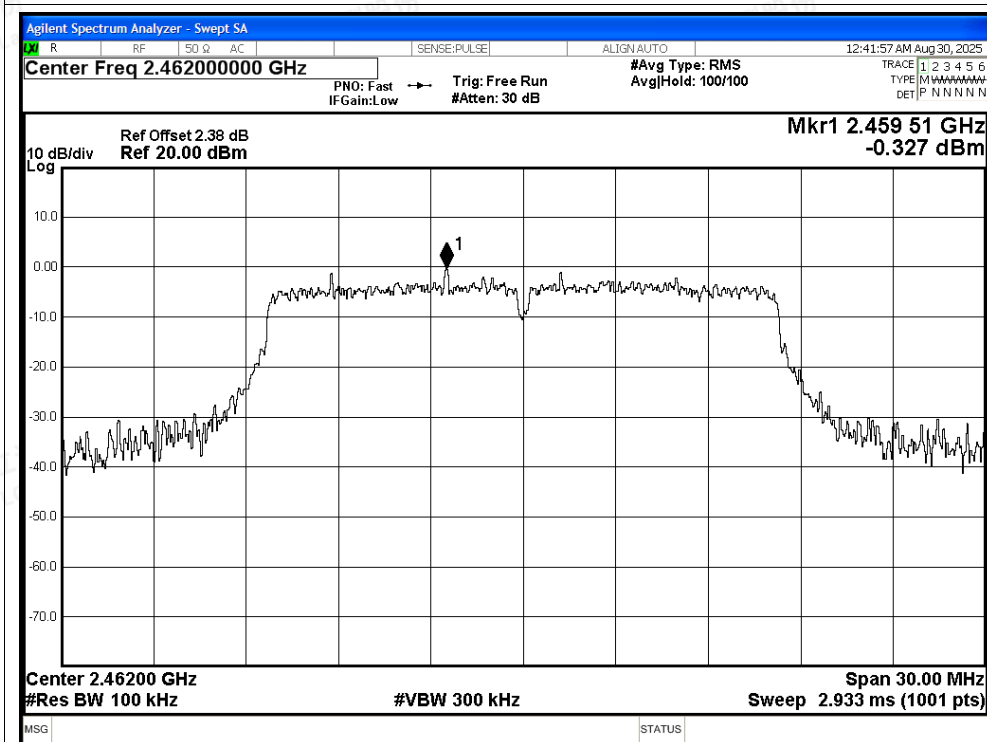
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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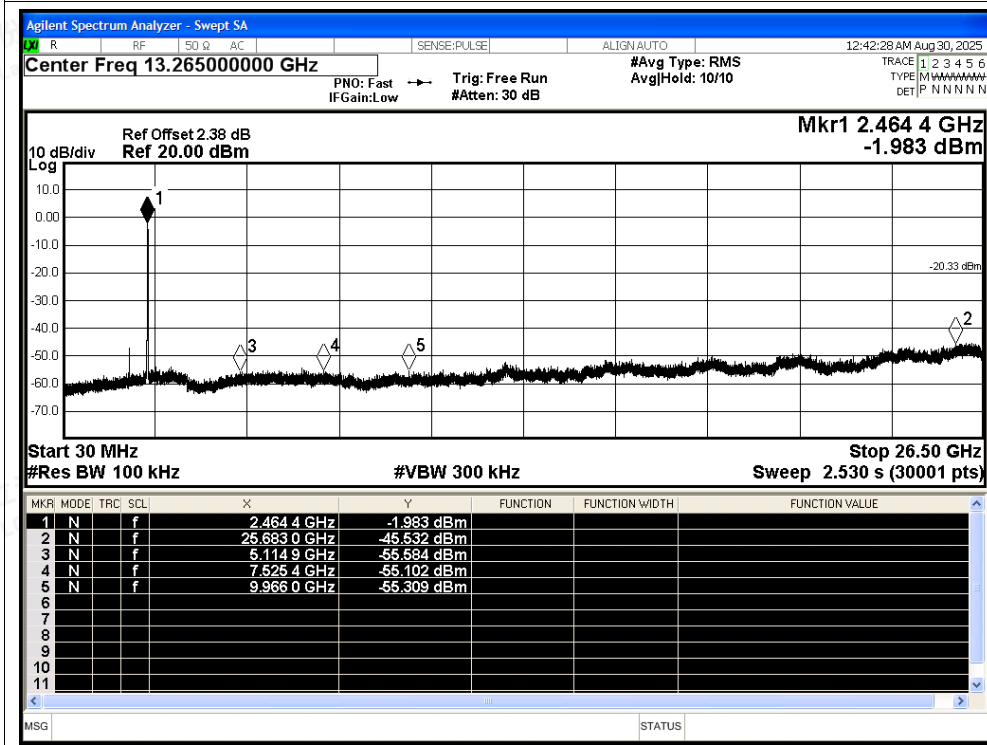
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## Tx. Spurious NVNT g 2462MHz Ant1 Ref



## Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

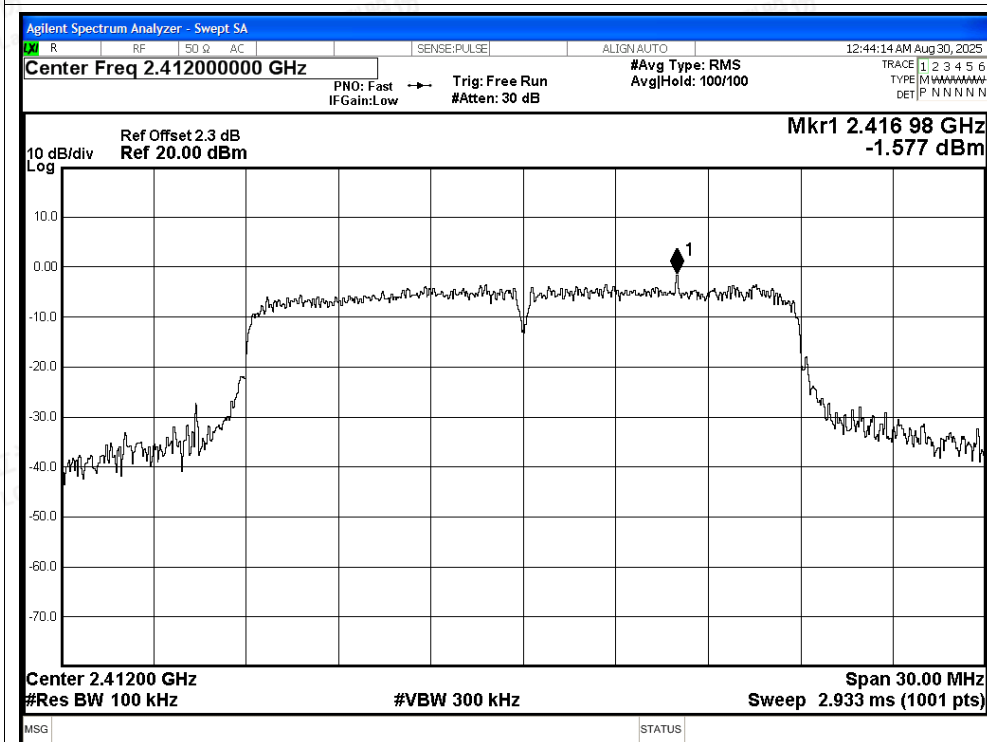
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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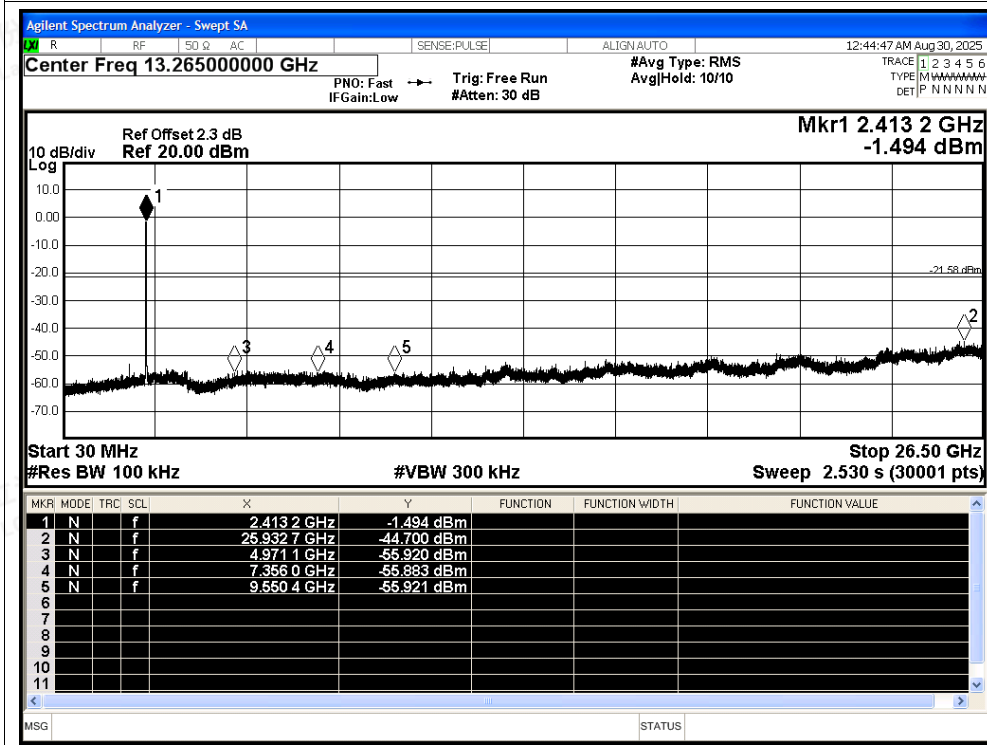
Scan code to check authenticity



## Tx. Spurious NVNT n20 2412MHz Ant1 Ref



## Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

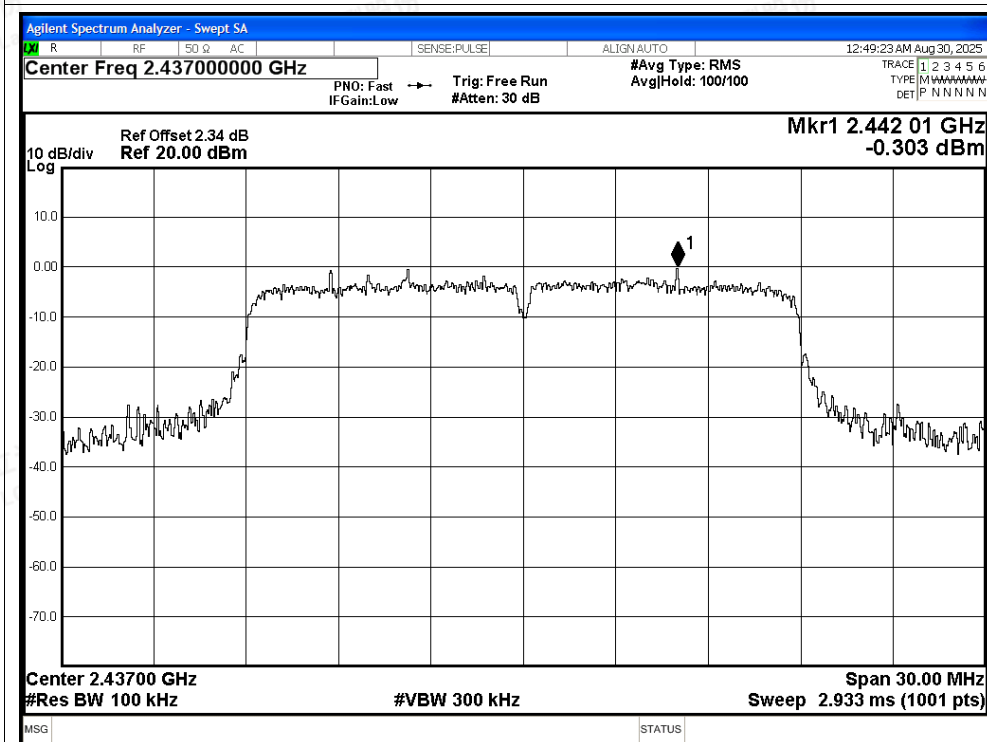
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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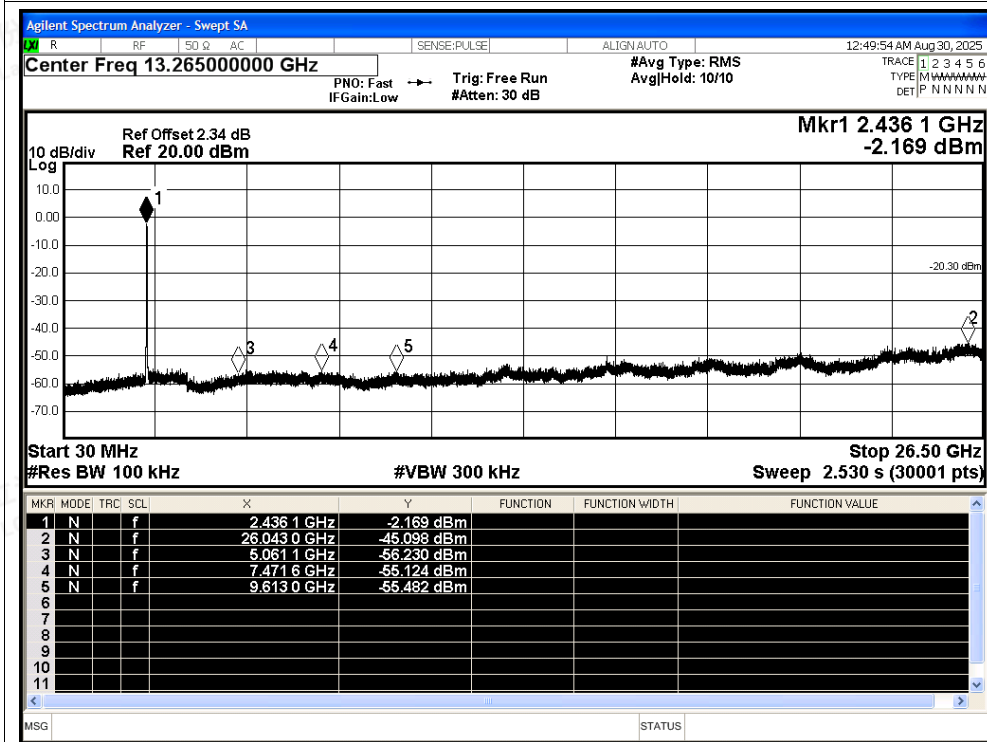
Scan code to check authenticity



## Tx. Spurious NVNT n20 2437MHz Ant1 Ref



## Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

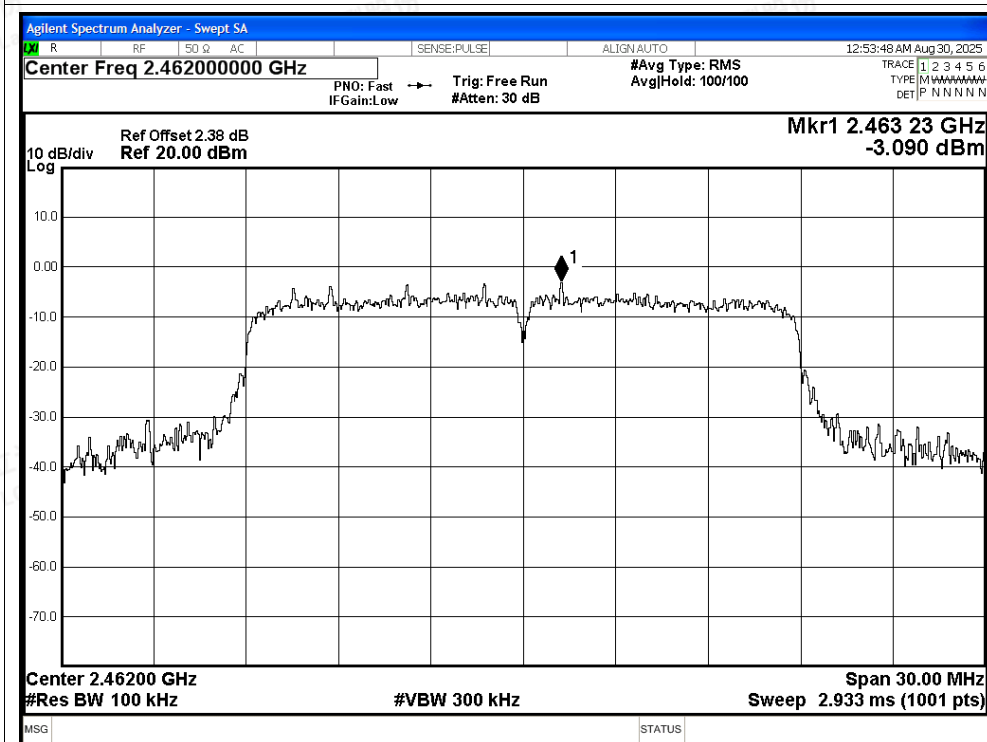
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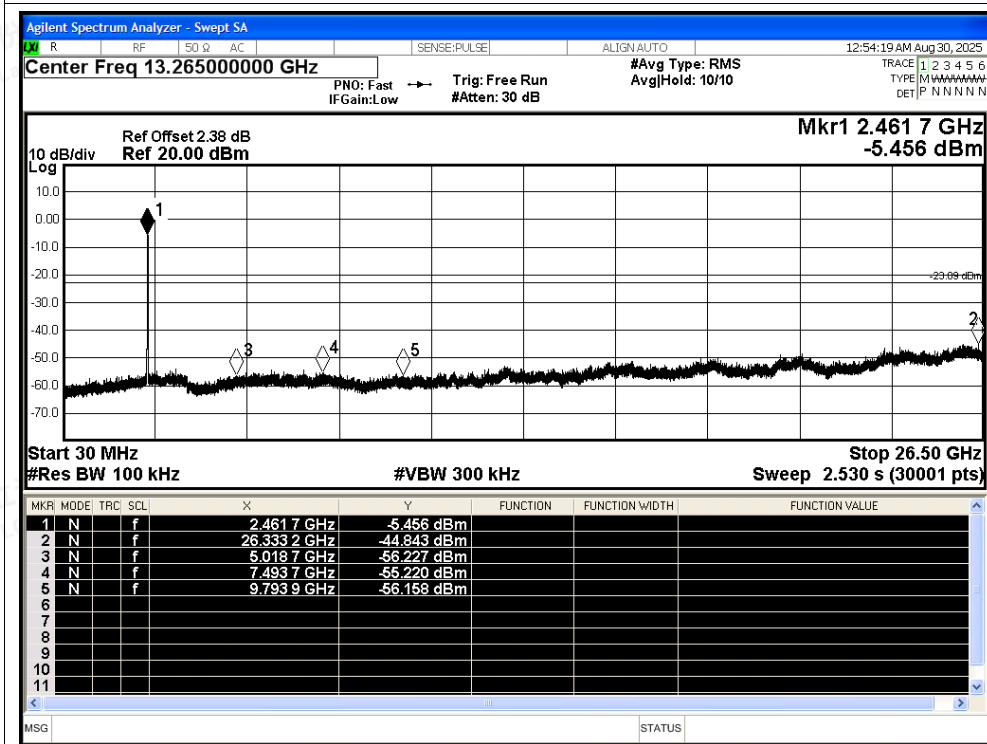
Scan code to check authenticity



## Tx. Spurious NVNT n20 2462MHz Ant1 Ref



## Tx. Spurious NVNT n20 2462MHz Ant1 Emission



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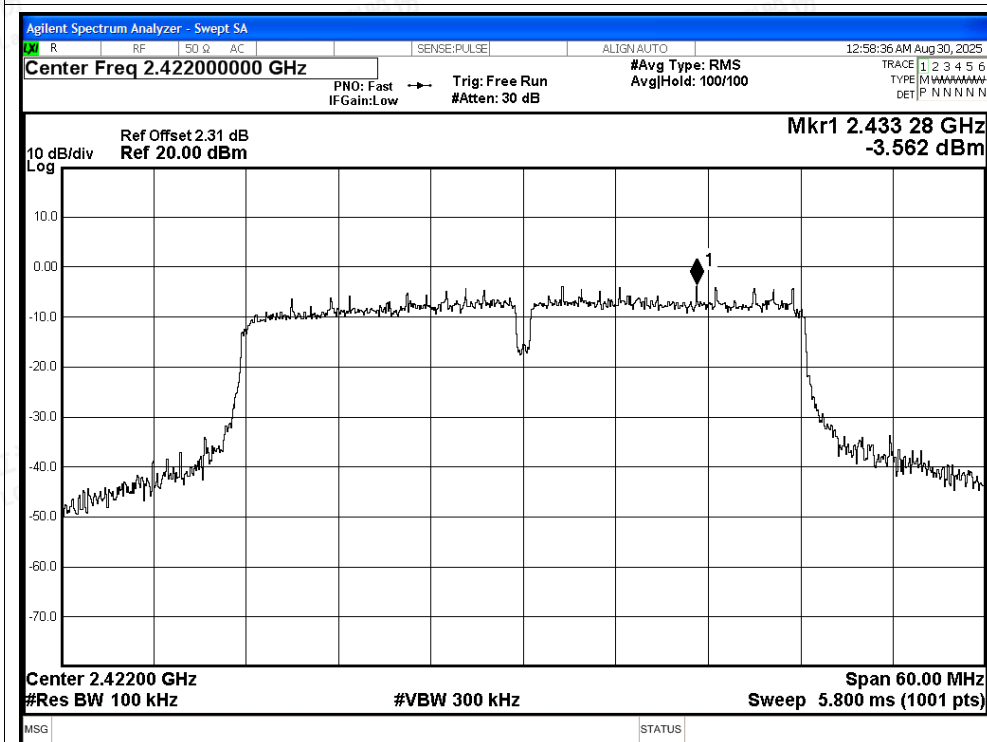
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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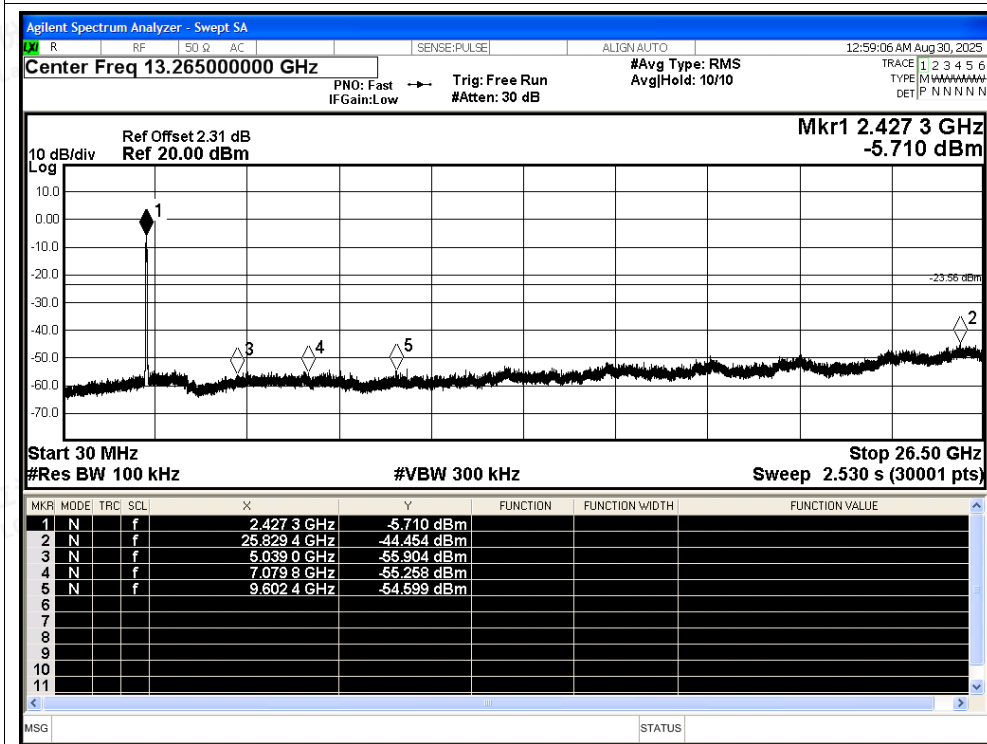
Scan code to check authenticity



## Tx. Spurious NVNT n40 2422MHz Ant1 Ref



## Tx. Spurious NVNT n40 2422MHz Ant1 Emission



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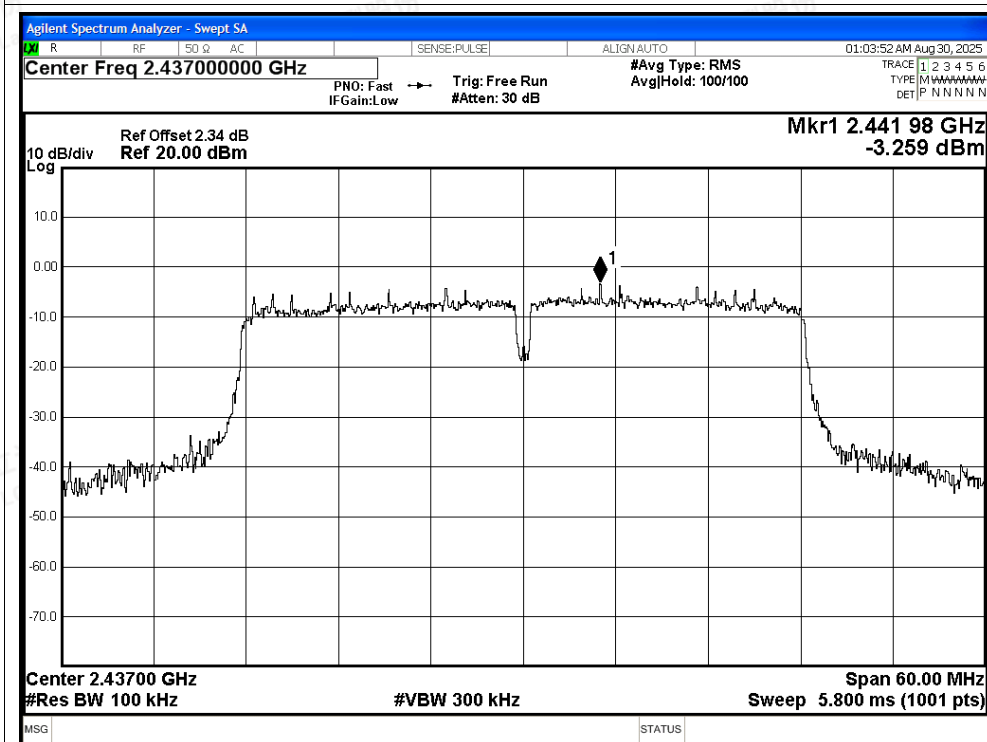
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

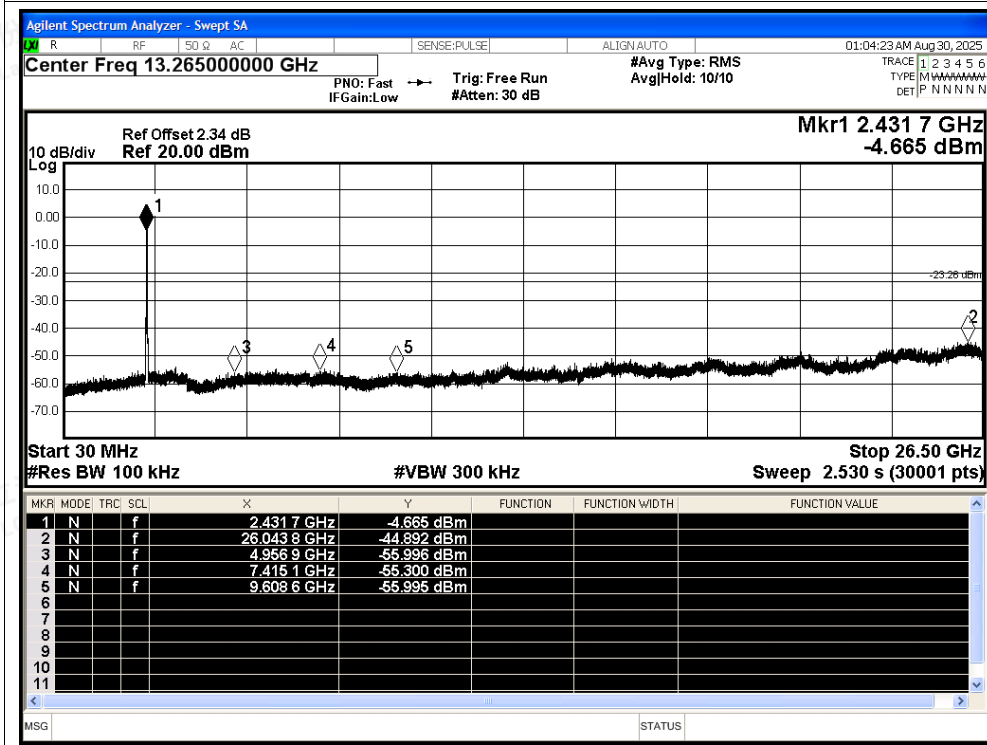
Scan code to check authenticity



## Tx. Spurious NVNT n40 2437MHz Ant1 Ref



## Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

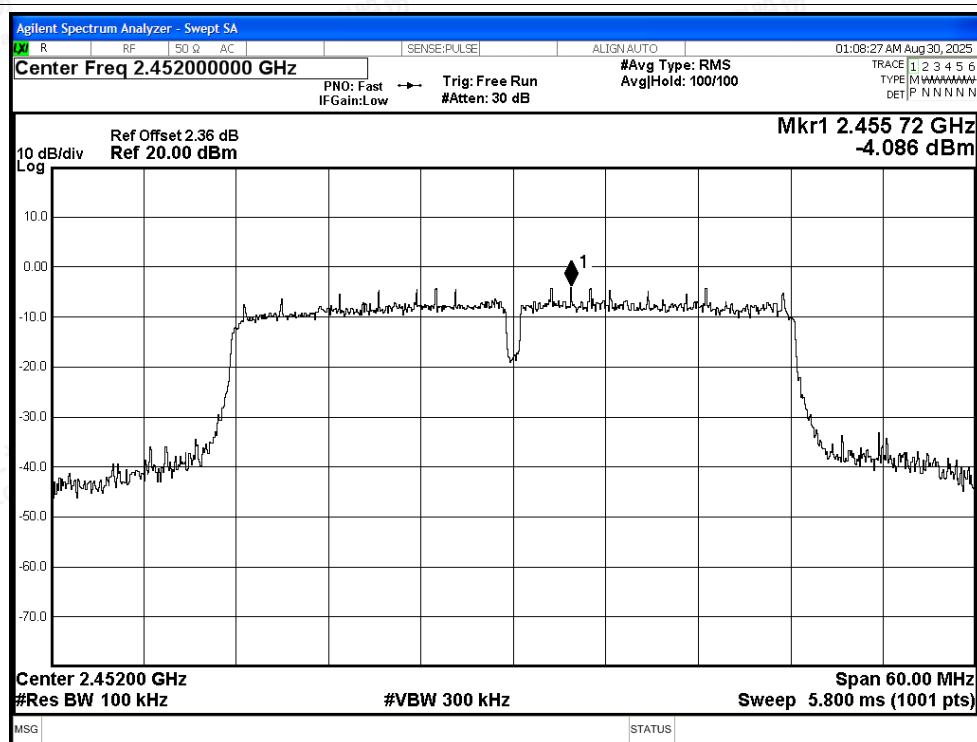
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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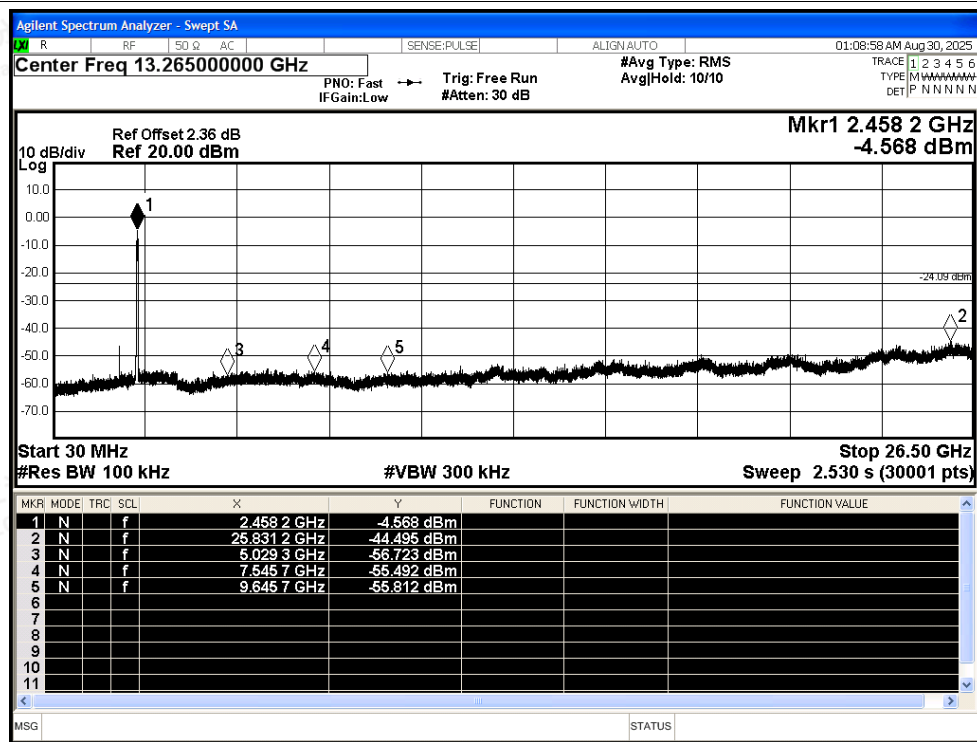
Scan code to check authenticity



## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

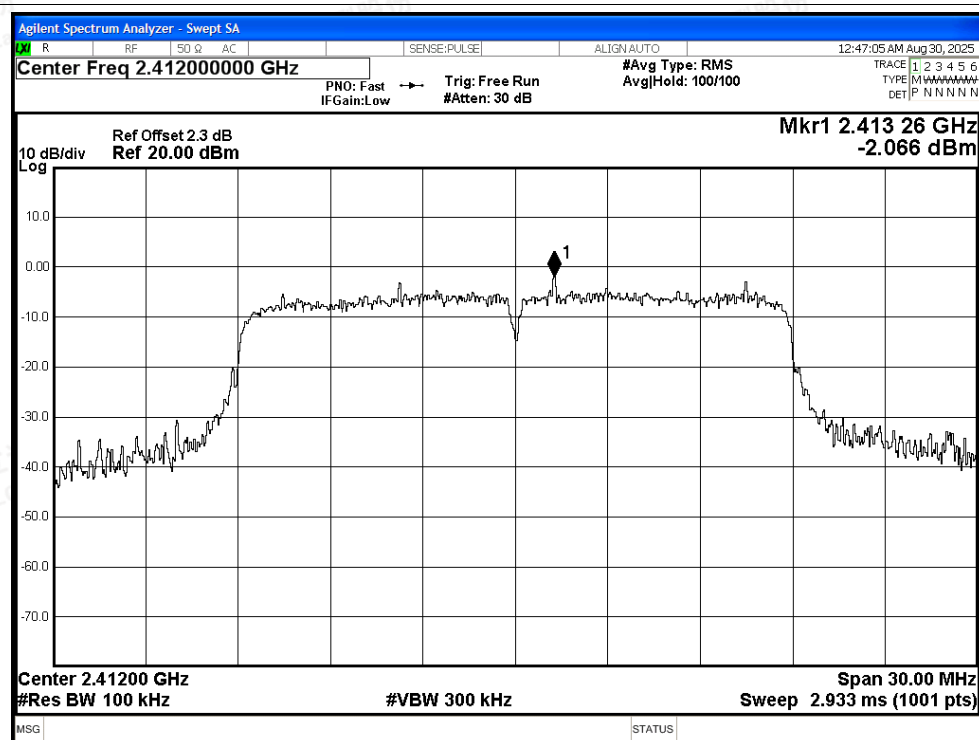
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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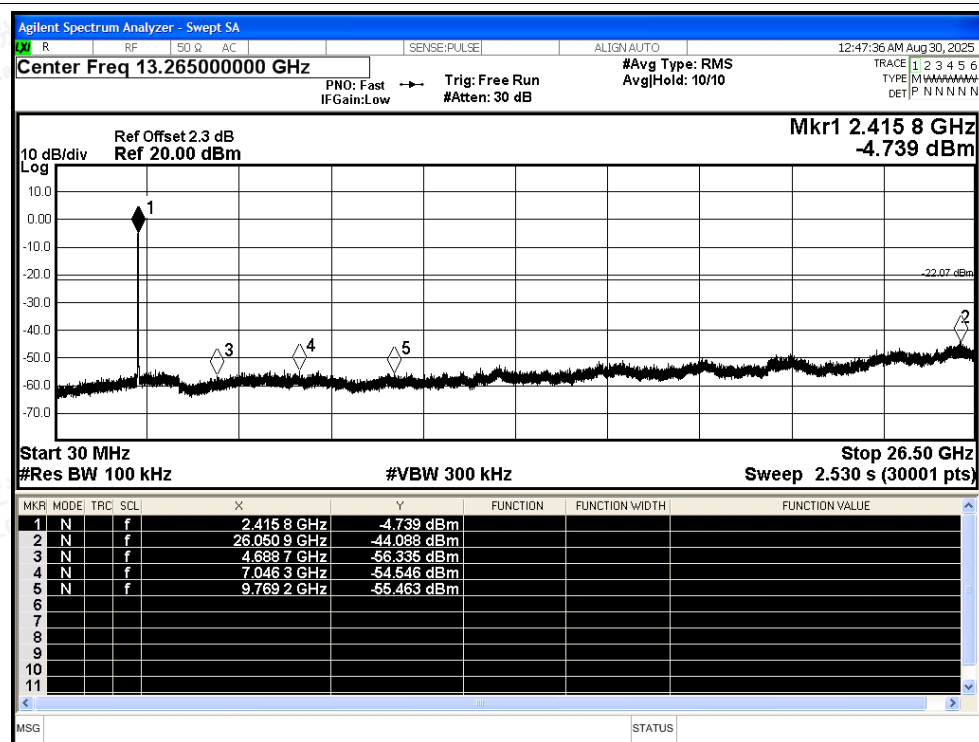
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## Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



## Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



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