



## Appendix C

### RF Test Data for 5.2GWIFI(Conducted Measurement)

Product Name: BDE Dual Band (2.4 and 5 GHz) Wi-Fi 6 & BLE Combo Module

Test Model: BDE-BW3351N1

#### Environmental Conditions

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



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## C.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 22.685                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5200            | Ant1    | 23.113                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5240            | Ant1    | 22.632                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 22.384                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 21.974                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 21.894                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 22.143                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 23.555                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 22.798                 | $\geq 0.5$                   | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 21.722                 | $\geq 0.5$                   | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 22.856                 | $\geq 0.5$                   | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 23.318                 | $\geq 0.5$                   | Pass    |

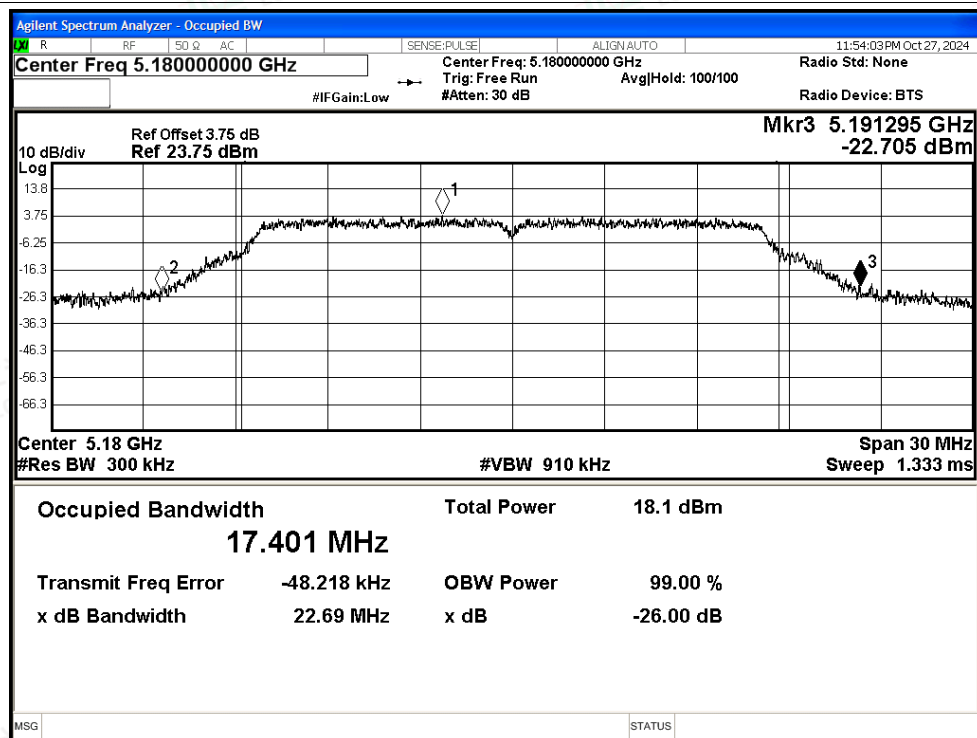


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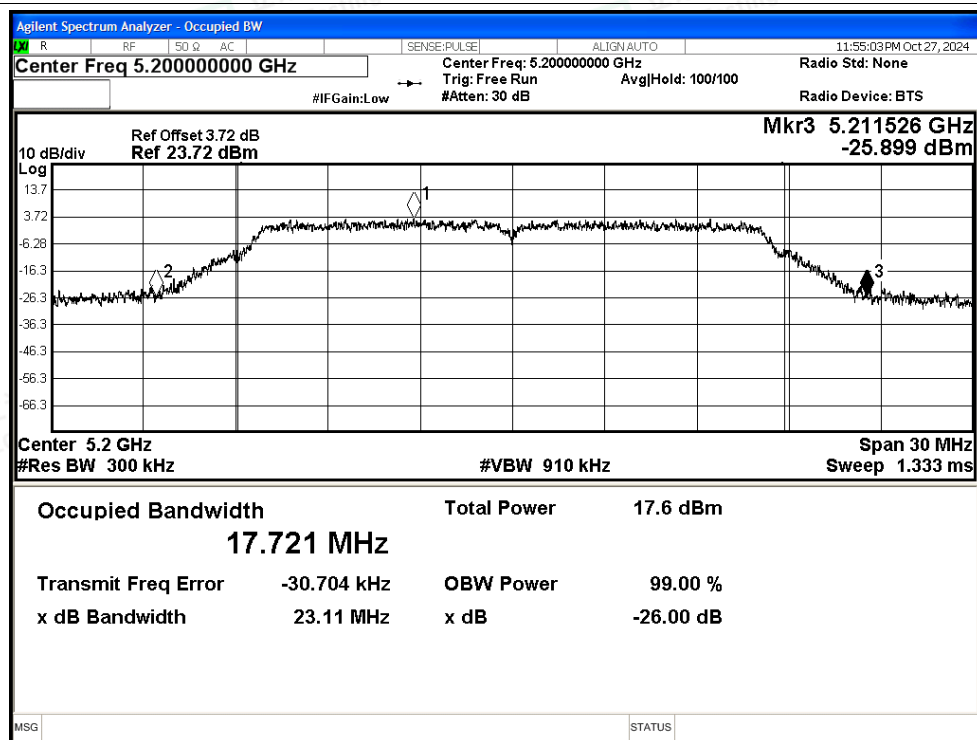


## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



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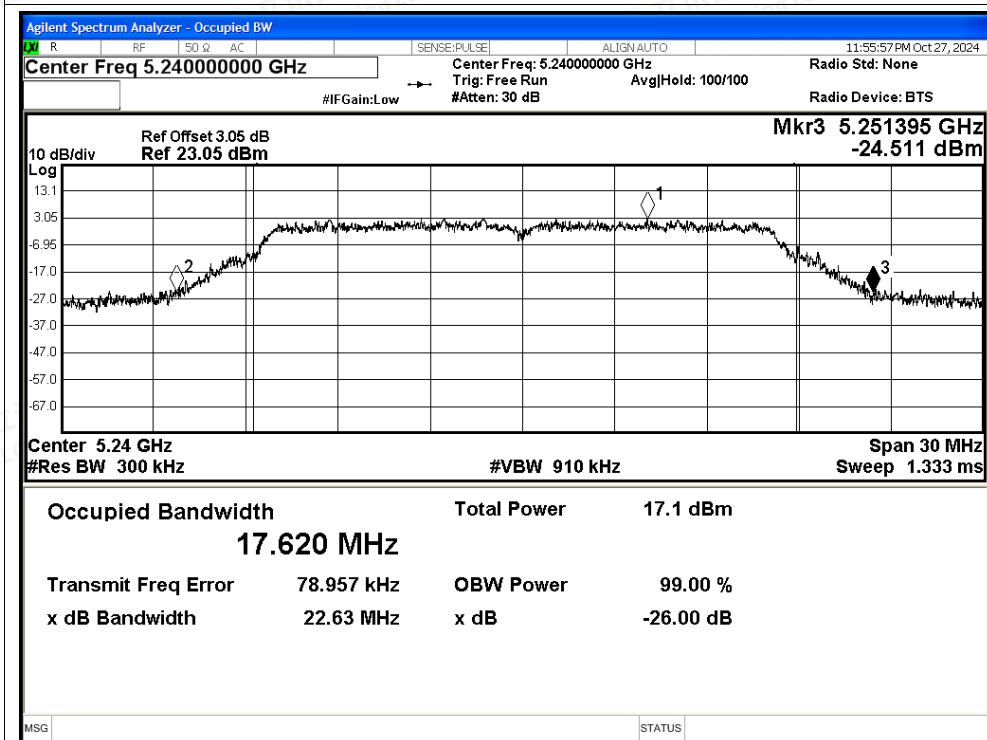
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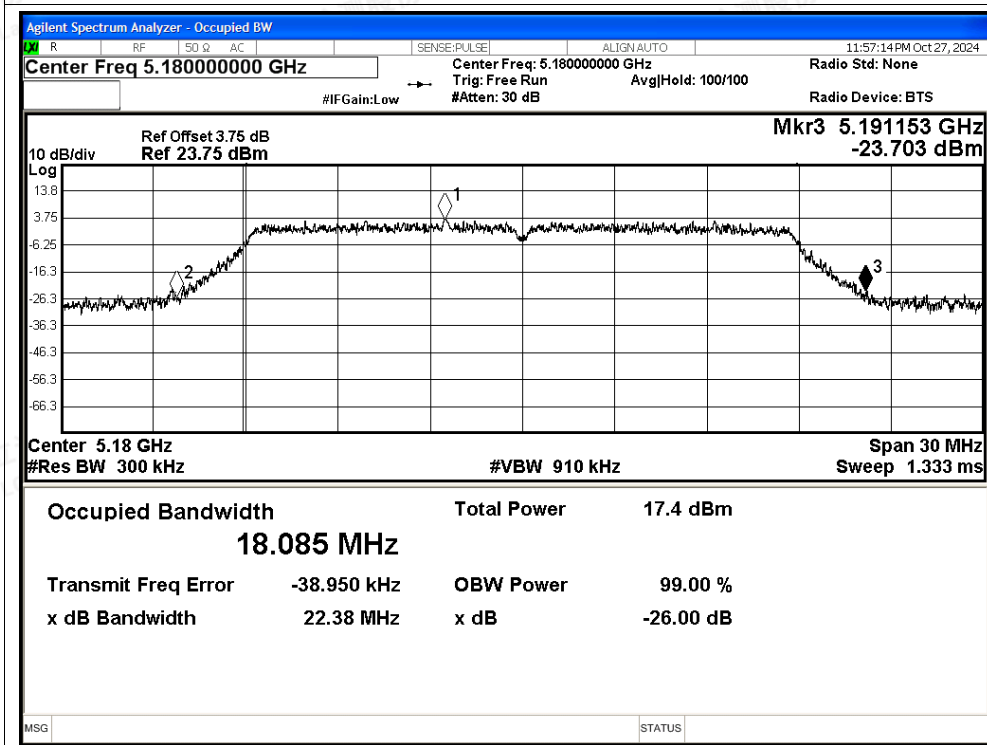
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-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



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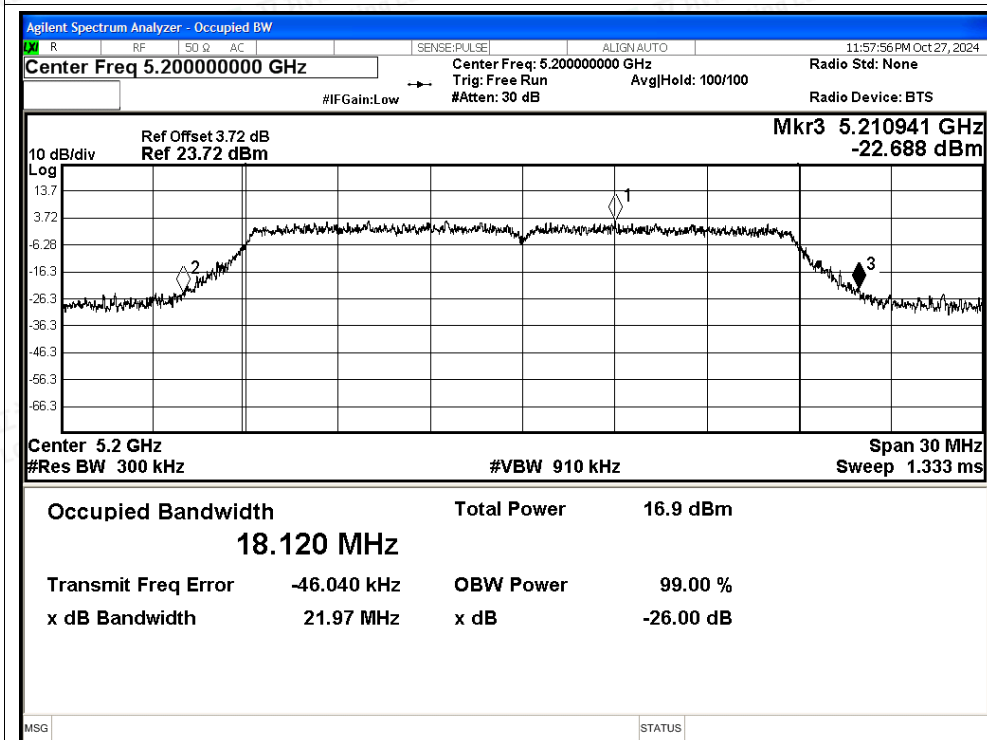
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

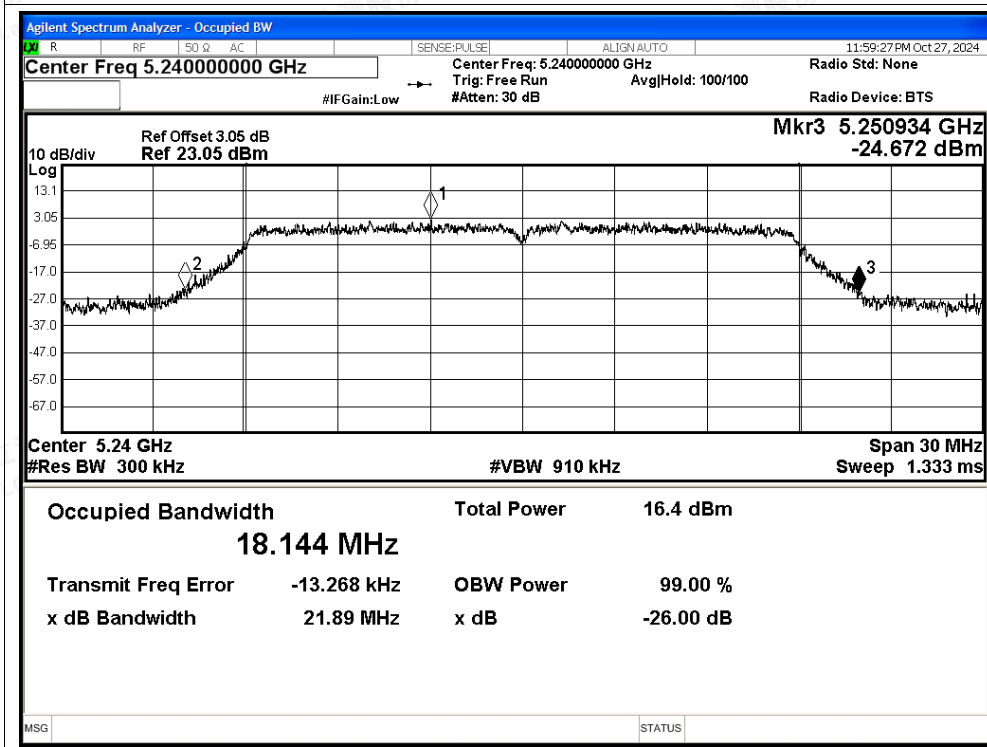
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



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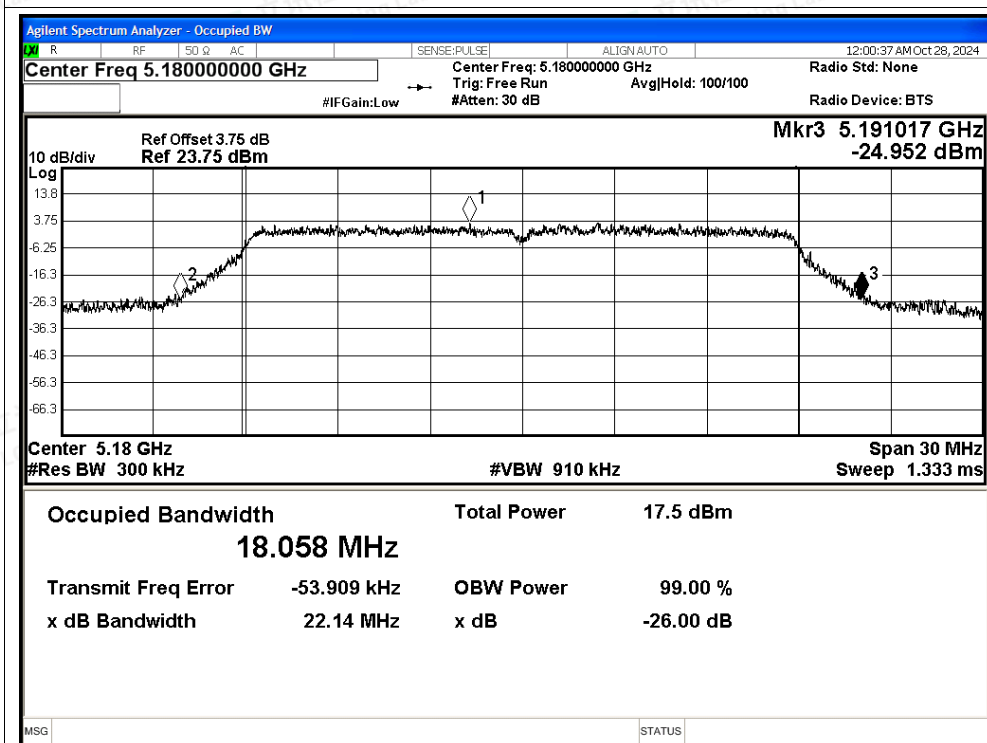
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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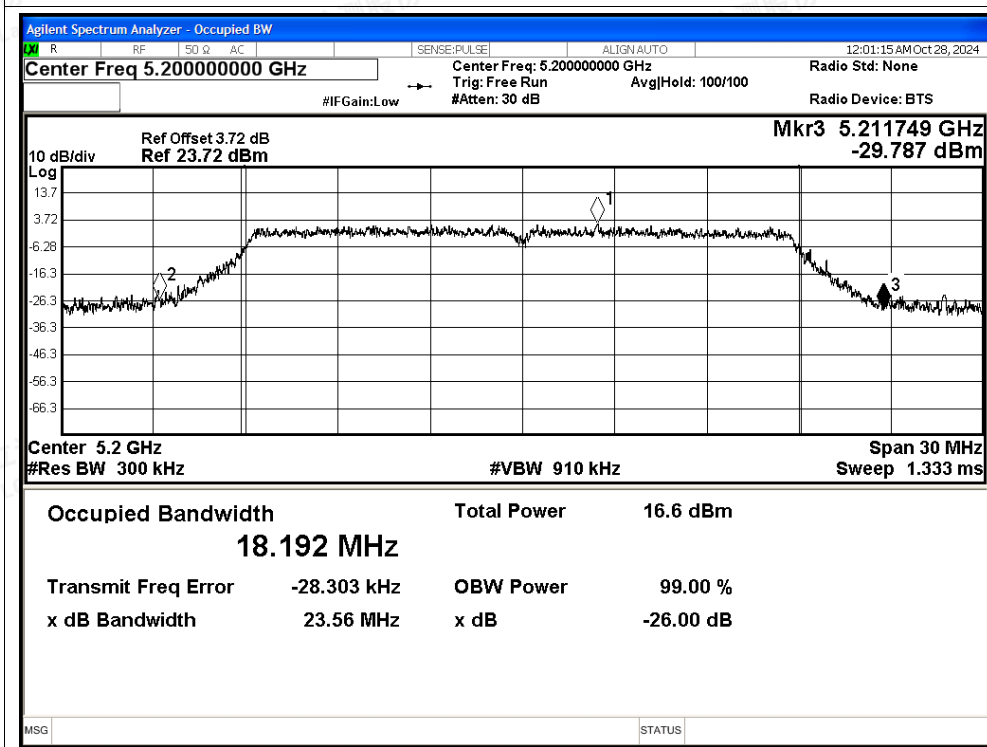
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## -26dB Bandwidth NVNT ac20 5180MHz Ant1



## -26dB Bandwidth NVNT ac20 5200MHz Ant1



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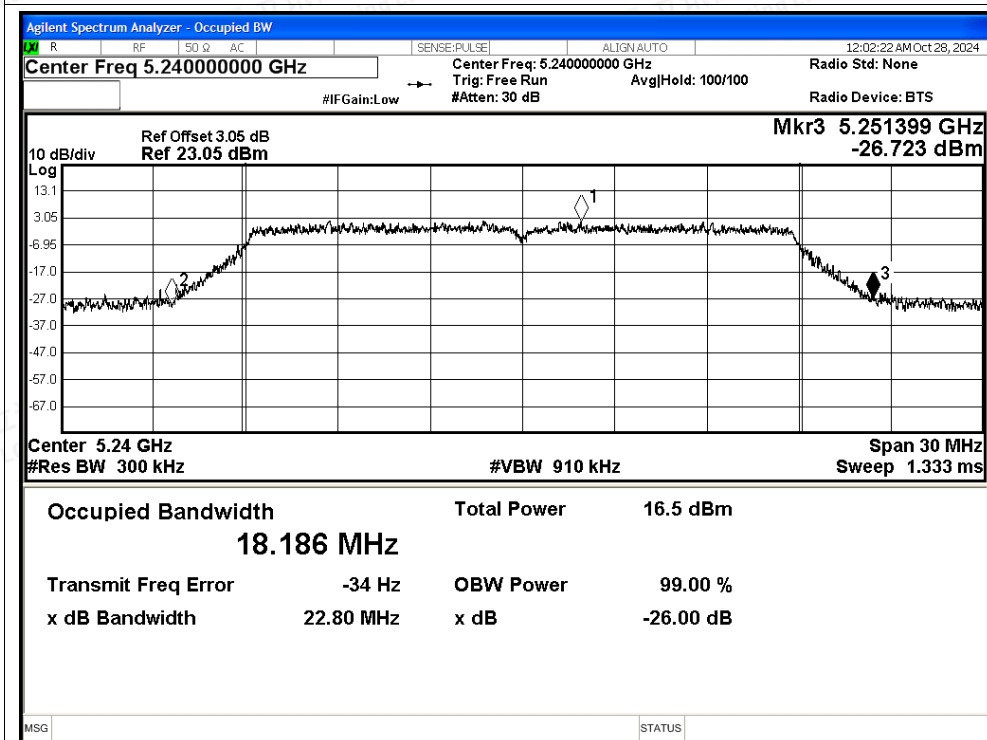
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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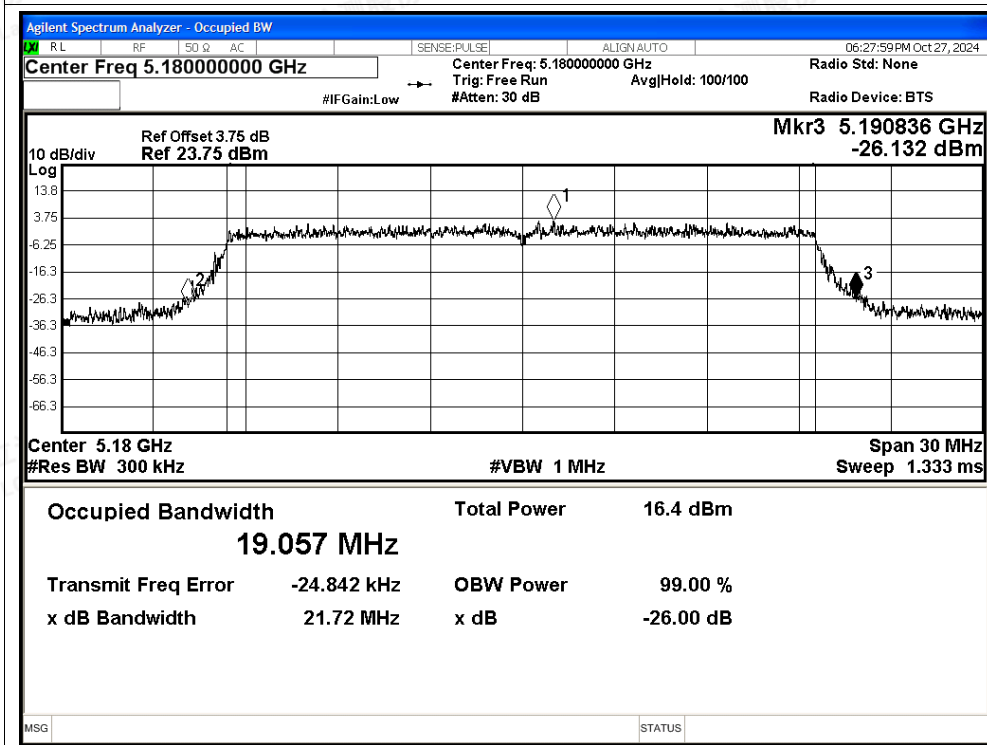
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## -26dB Bandwidth NVNT ac20 5240MHz Ant1



## -26dB Bandwidth NVNT ax20 5180MHz Ant1



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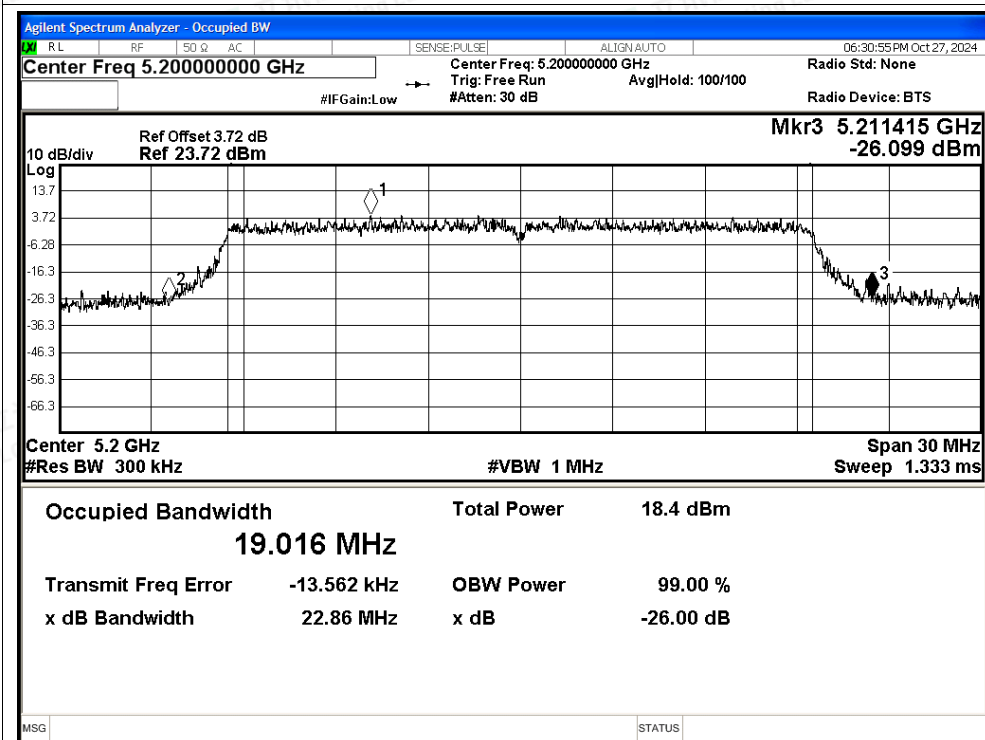
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

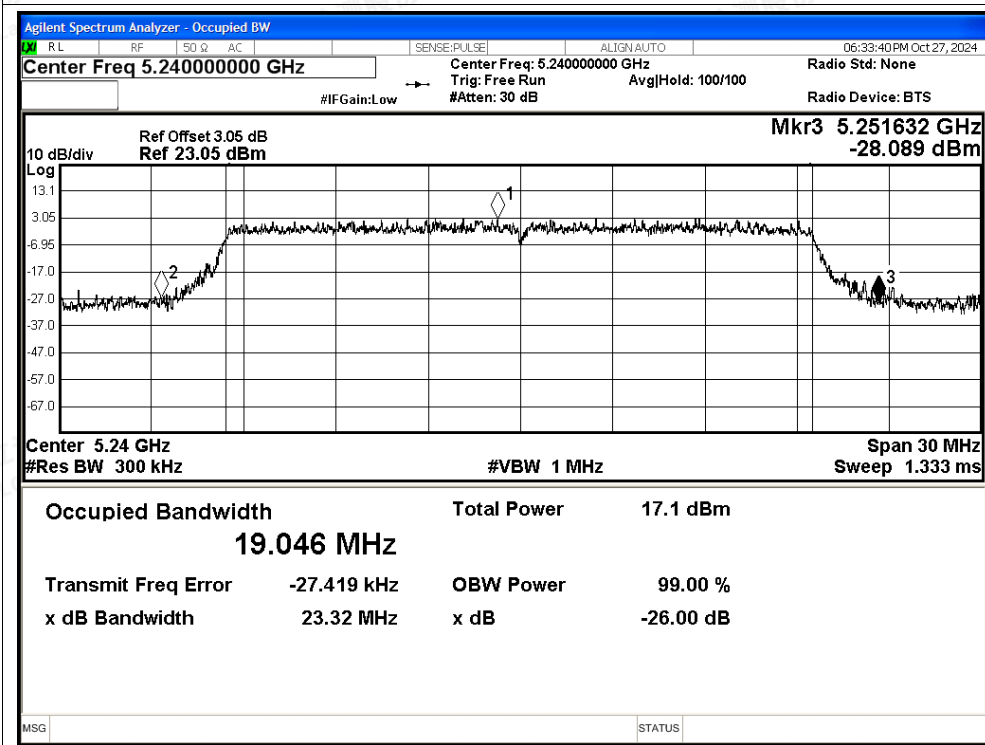
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-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



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**802.11ax OFDMA-(26 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 20.616                 | ---                          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 21.717                 | ---                          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 22.208                 | ---                          | Pass    |

**802.11ax OFDMA-(52 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 20.628                 | ---                          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 21.819                 | ---                          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 22.148                 | ---                          | Pass    |

**802.11ax OFDMA-(106 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 20.682                 | ---                          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 21.810                 | ---                          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 22.240                 | ---                          | Pass    |

**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 20.570                 | ---                          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 21.728                 | ---                          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 22.253                 | ---                          | Pass    |





## C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 9.24                  | 2.4              | 11.64             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 9.84                  | 2.4              | 12.24             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 8.86                  | 2.4              | 11.26             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 8.64                  | 2.75             | 11.39             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 9.46                  | 2.75             | 12.21             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 7.96                  | 2.75             | 10.71             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 8.85                  | 2.74             | 11.59             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 9.5                   | 2.74             | 12.24             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 8.06                  | 2.74             | 10.8              | 24          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 7.79                  | 3.1              | 10.89             | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 9.81                  | 3.1              | 12.91             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 7.62                  | 3.1              | 10.72             | 24          | Pass    |

### 802.11ax OFDMA-(26 Tone)

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 6.78                  | 3.1              | 9.88              | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 8.73                  | 3.1              | 11.83             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 6.53                  | 3.1              | 9.63              | 24          | Pass    |

### 802.11ax OFDMA-(52 Tone)

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 6.69                  | 3.1              | 9.79              | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 8.79                  | 3.1              | 11.89             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 6.55                  | 3.1              | 9.65              | 24          | Pass    |

### 802.11ax OFDMA-(106 Tone)

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 6.75                  | 3.1              | 9.85              | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 8.73                  | 3.1              | 11.83             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 6.55                  | 3.1              | 9.65              | 24          | Pass    |



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**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 6.73                  | 3.1              | 9.83              | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 8.78                  | 3.1              | 11.88             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 6.50                  | 3.1              | 9.6               | 24          | Pass    |





### C.3 Maximum Power Spectral Density Level

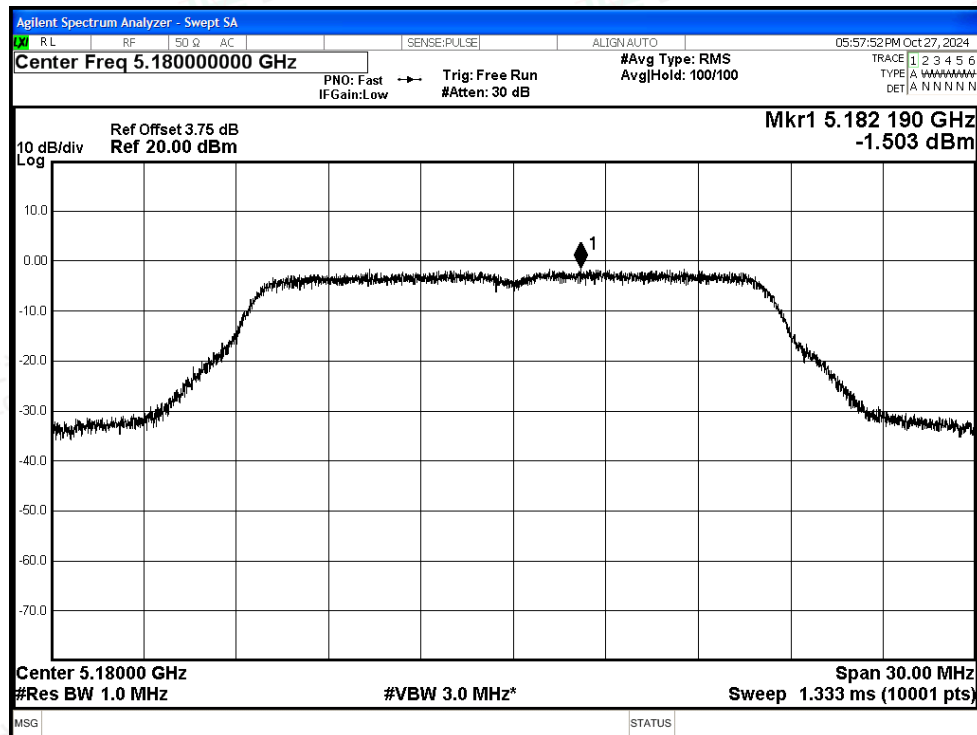
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | -1.5                    | 2.4              | 0.9                 | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 0.48                    | 2.4              | 2.88                | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | -1.57                   | 2.4              | 0.83                | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -1.82                   | 2.75             | 0.93                | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -1.24                   | 2.75             | 1.51                | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -2.28                   | 2.75             | 0.47                | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -1.7                    | 2.74             | 1.04                | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -0.49                   | 2.74             | 2.25                | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -1.85                   | 2.74             | 0.89                | 11          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | -2.8                    | 3.1              | 0.3                 | 11          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -1.05                   | 3.1              | 2.05                | 11          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -2.34                   | 3.1              | 0.76                | 11          | Pass    |



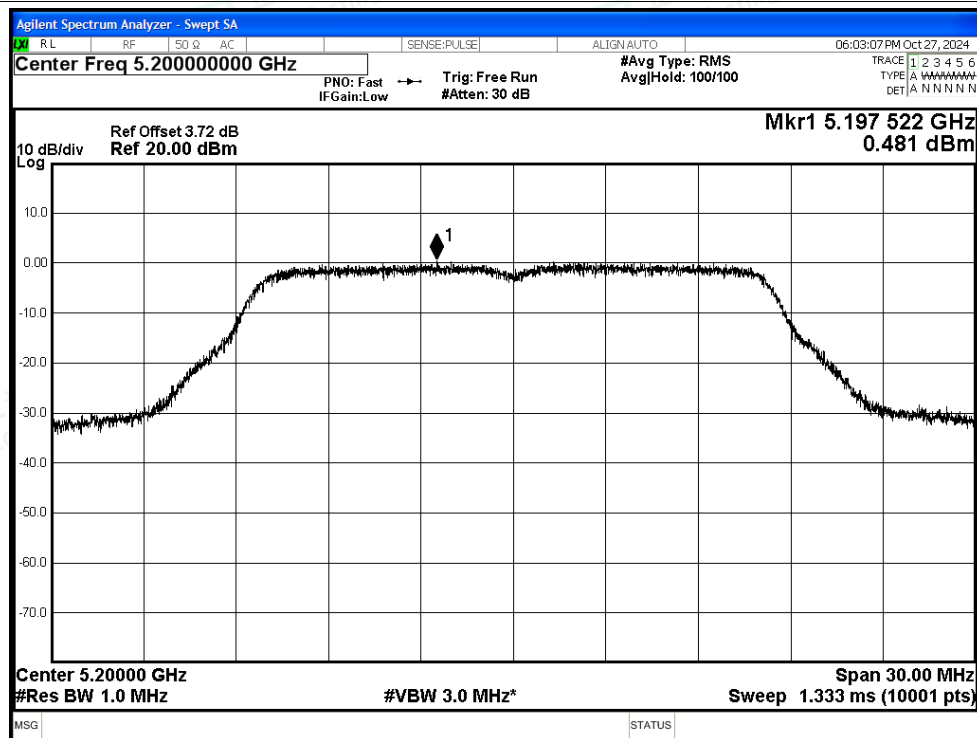


## Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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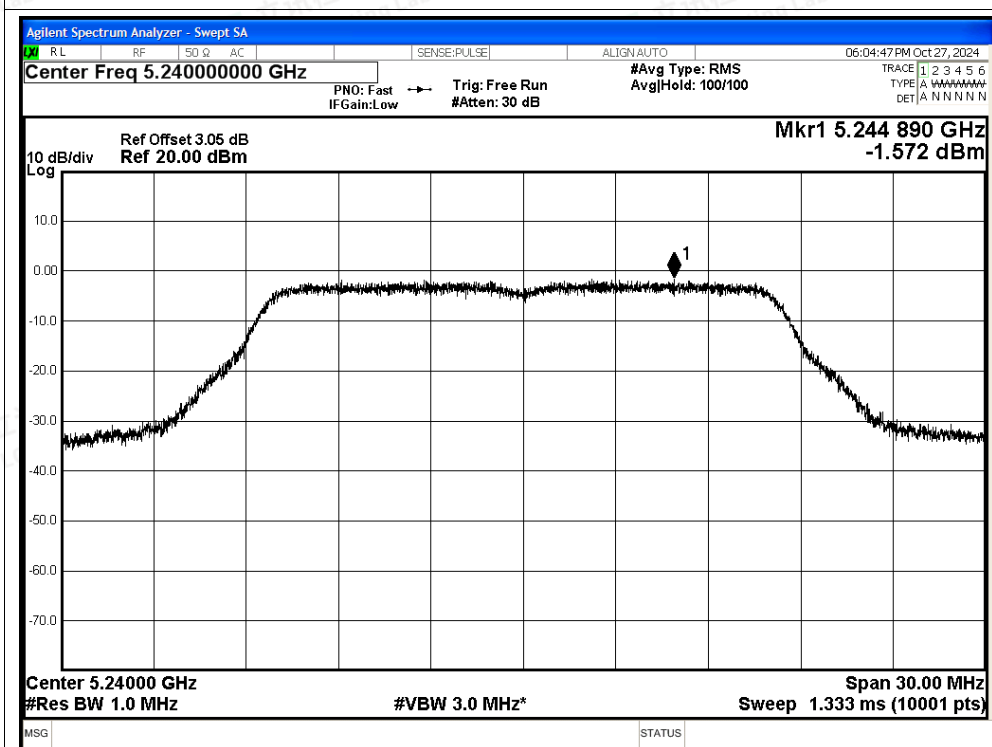
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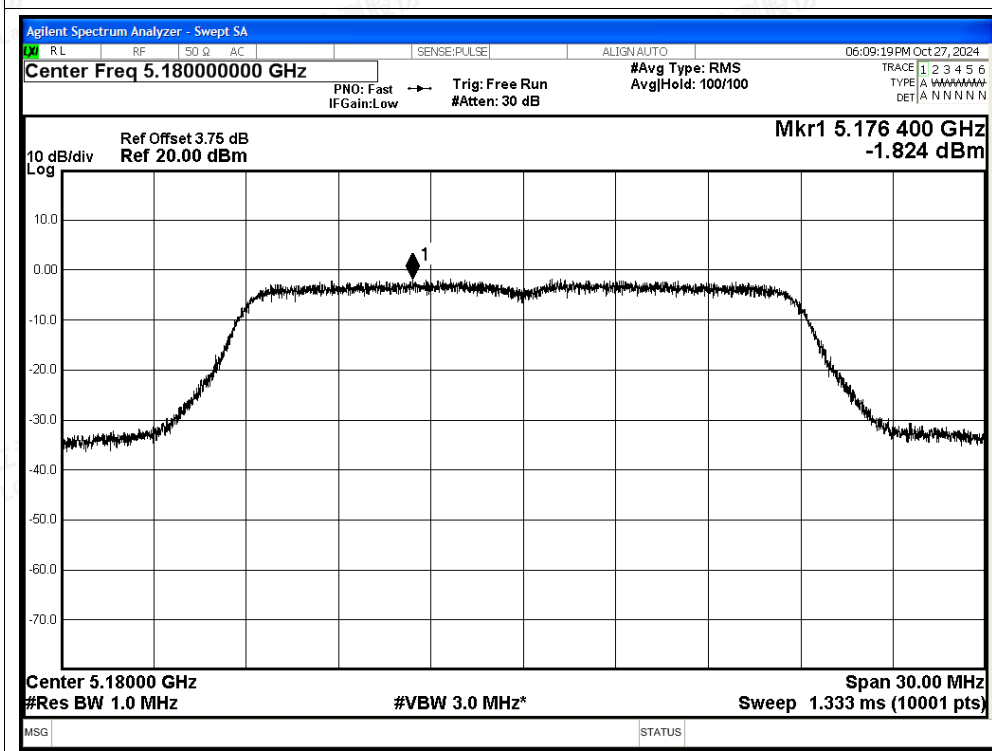
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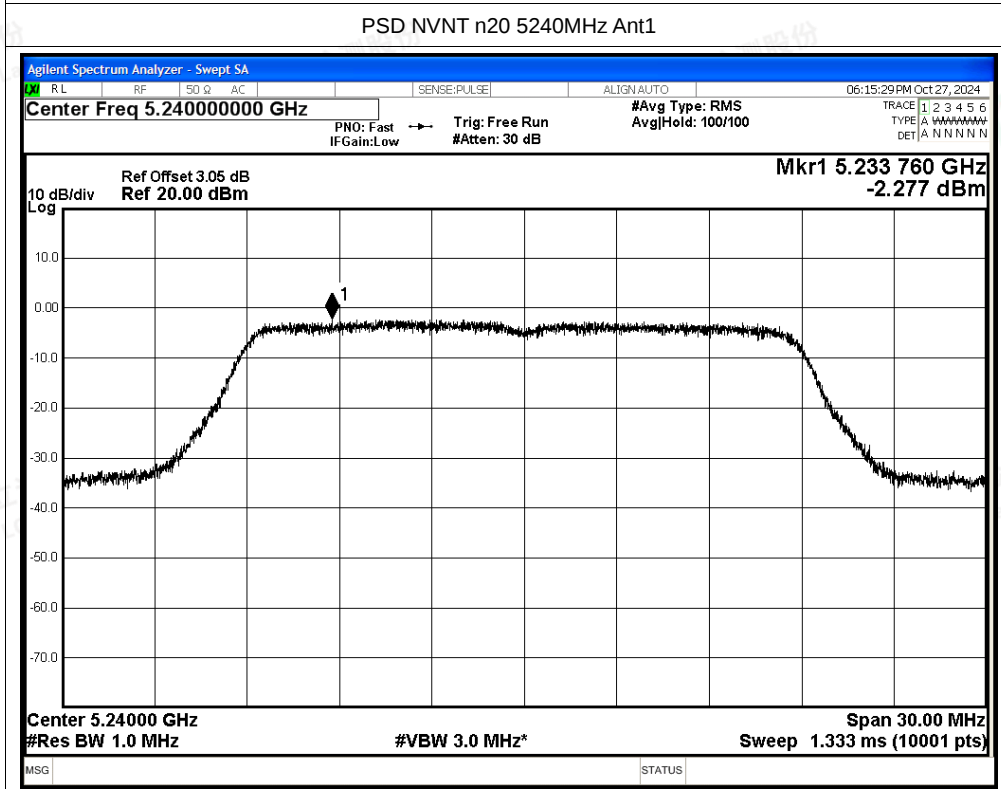
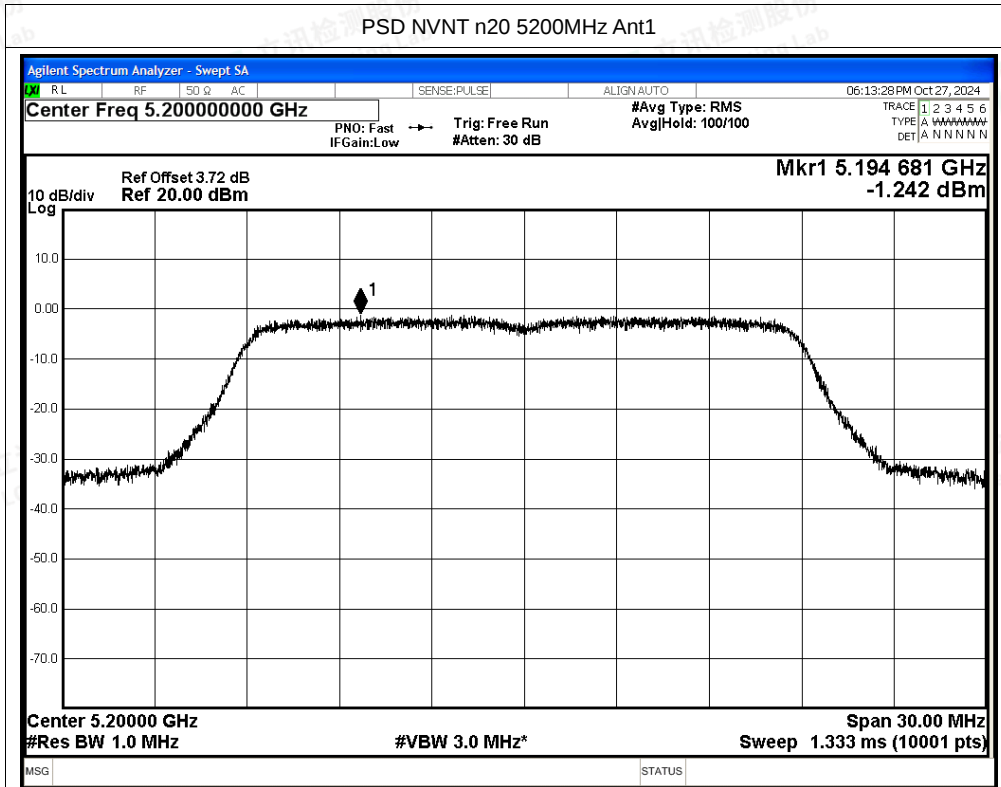


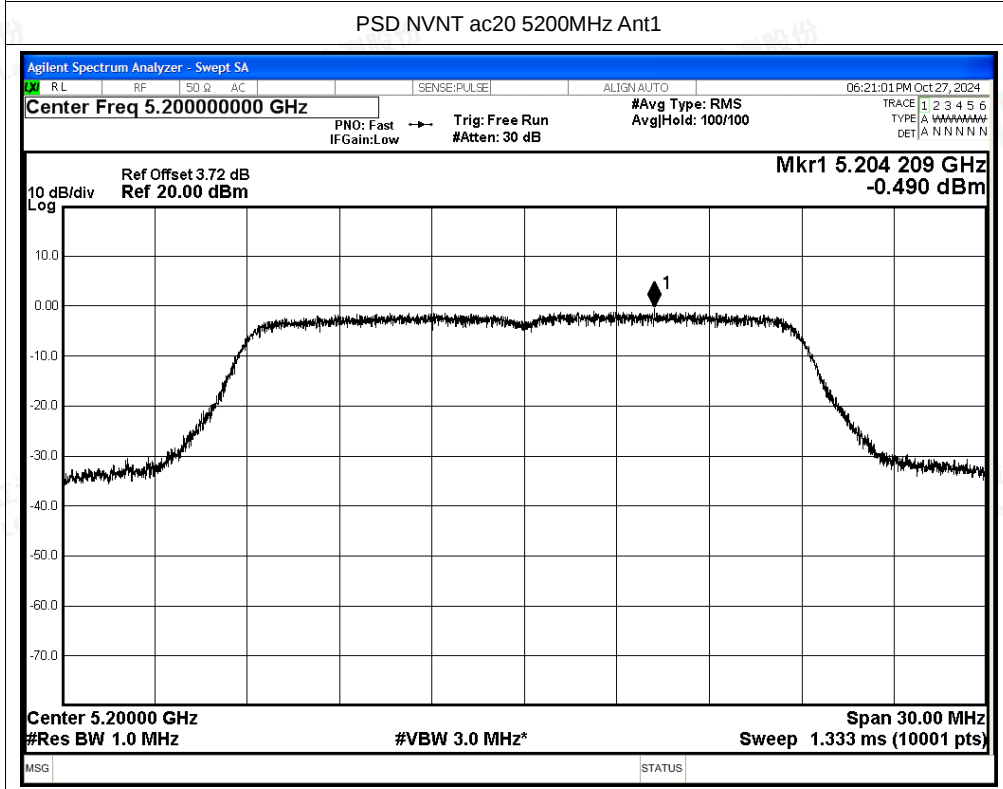
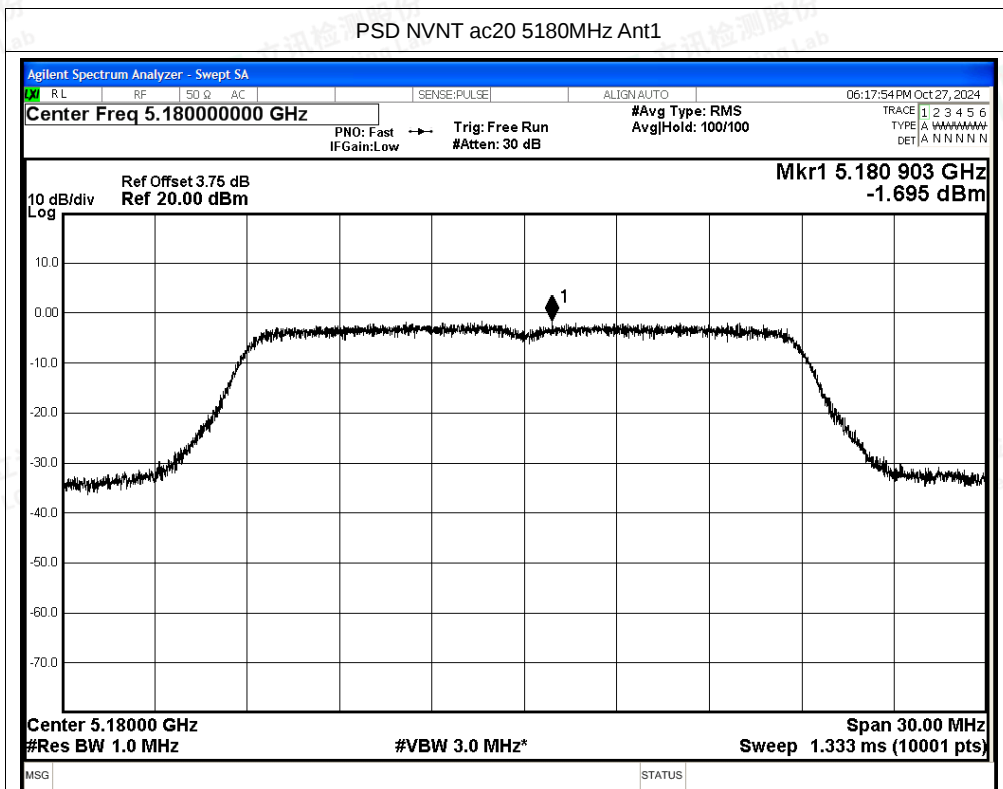
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1





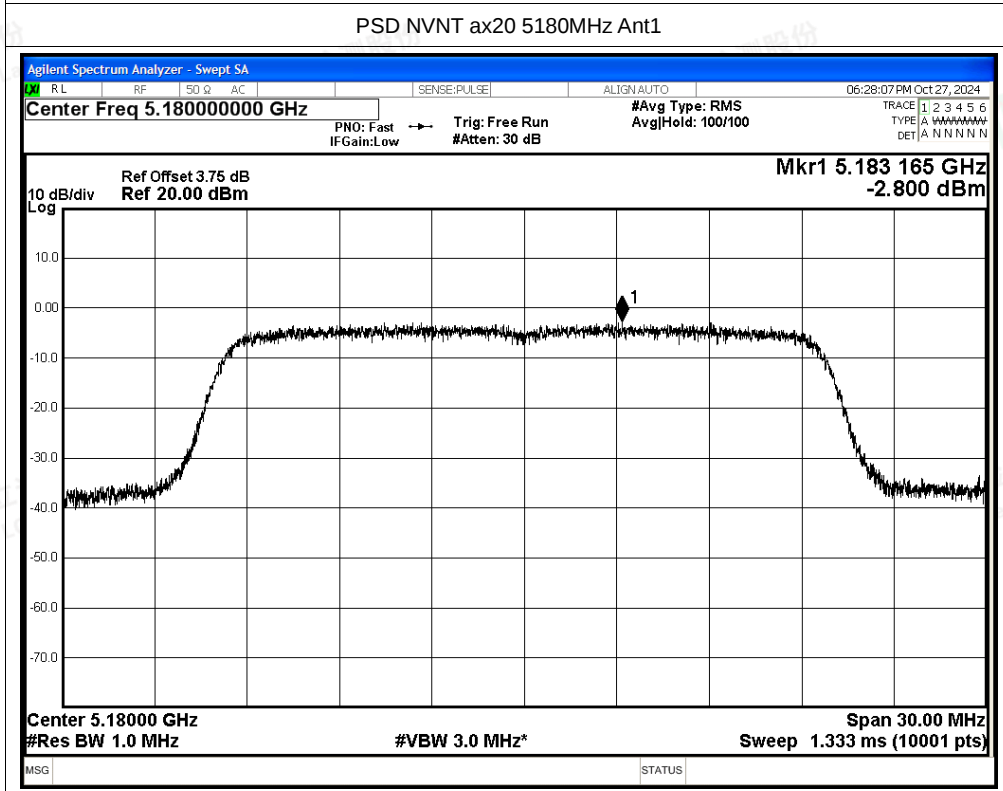
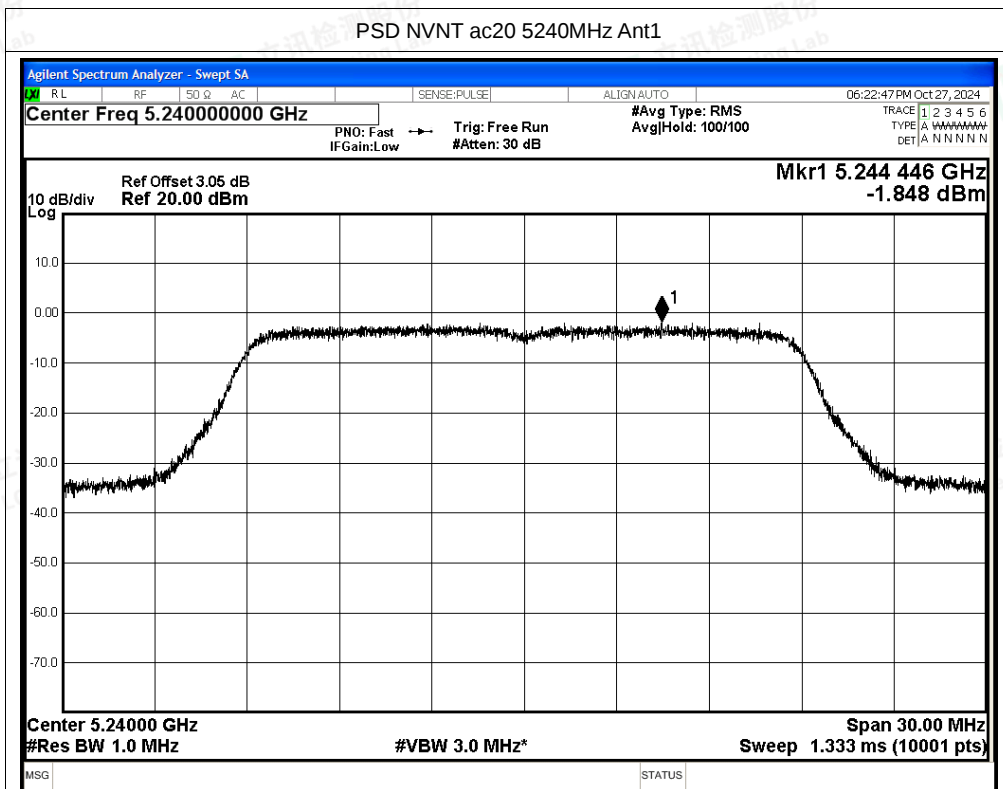


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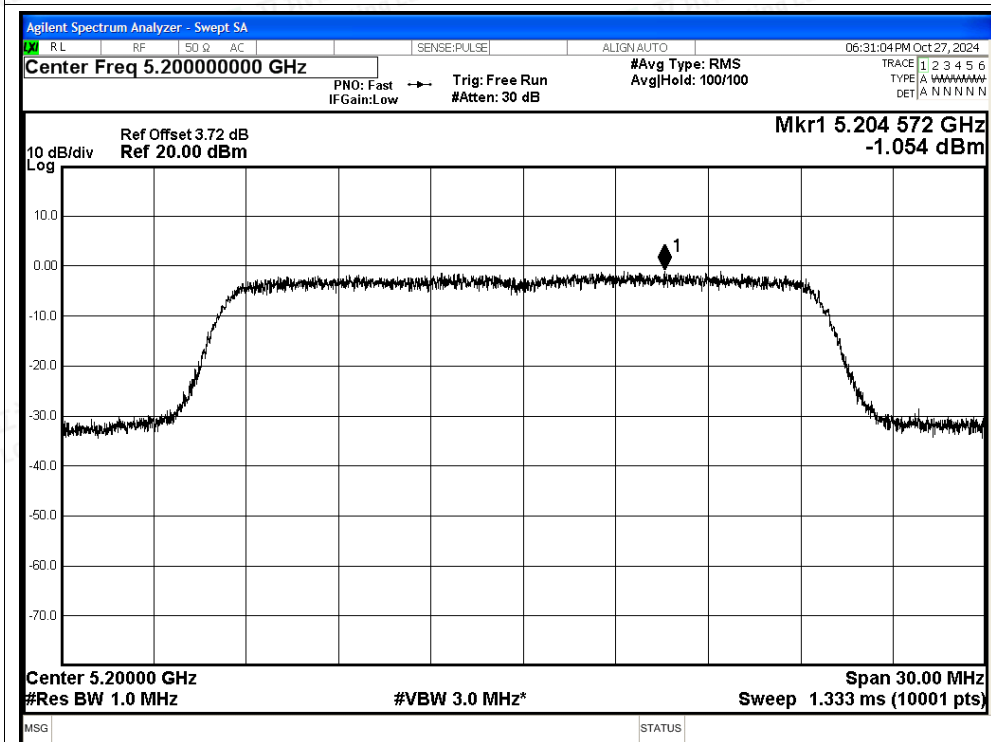
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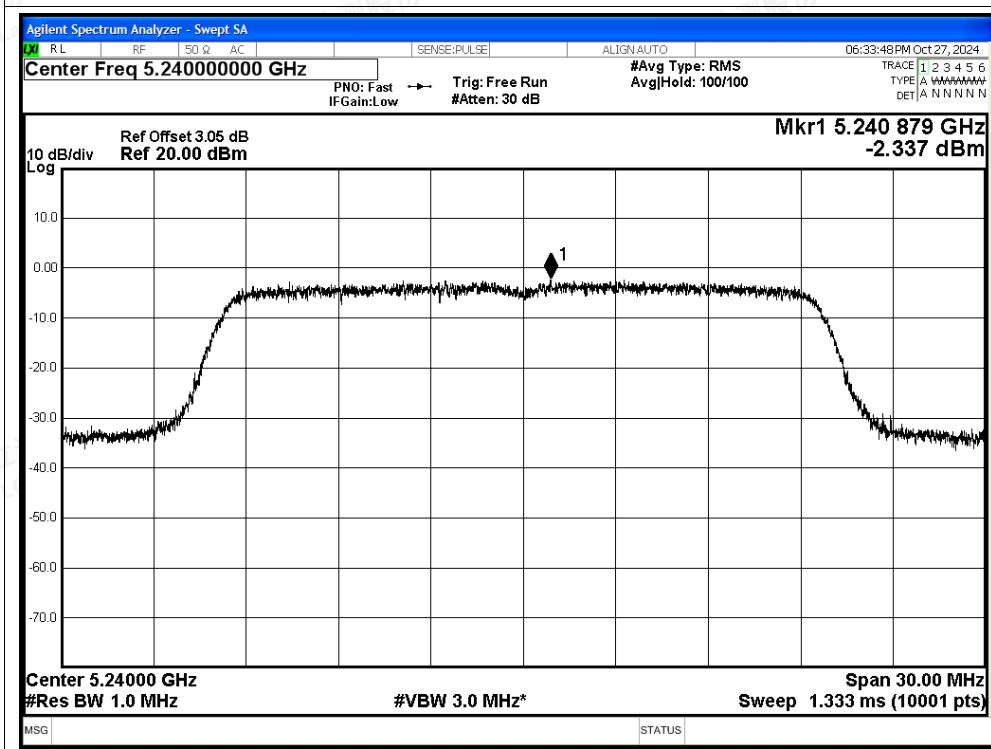
Scan code to check authenticity



PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5240MHz Ant1



**802.11ax OFDMA-(26 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | -3.92                   | 3.1              | -0.82               | 11          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -2.10                   | 3.1              | 1                   | 11          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -3.43                   | 3.1              | -0.33               | 11          | Pass    |

**802.11ax OFDMA-(52 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | -3.88                   | 3.1              | -0.78               | 11          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -2.21                   | 3.1              | 0.89                | 11          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -3.43                   | 3.1              | -0.33               | 11          | Pass    |

**802.11ax OFDMA-(106 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | -3.87                   | 3.1              | -0.77               | 11          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -2.22                   | 3.1              | 0.88                | 11          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -3.47                   | 3.1              | -0.37               | 11          | Pass    |

**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | -3.92                   | 3.1              | -0.82               | 11          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -2.16                   | 3.1              | 0.94                | 11          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -3.43                   | 3.1              | -0.33               | 11          | Pass    |





## C.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | a    | 5180            | Ant1    | 4500            | -49.38      | 2.9        | -                | 48.75      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4500            | -58.2       | 2.9        | 2.4              | 42.33      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -33.5       | 2.9        | -                | 64.63      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -50.16      | 2.9        | 2.4              | 50.37      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -31.84      | 2.9        | -                | 66.29      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -50.53      | 2.9        | 2.4              | 50         | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -49.71      | 2.9        | -                | 48.42      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -57.13      | 2.9        | 2.4              | 43.4       | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5357.52         | -46.59      | 2.9        | -                | 51.54      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5400.24         | -56.51      | 2.9        | 2.4              | 44.02      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -50.24      | 2.9        | -                | 47.89      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -58.06      | 2.9        | 2.4              | 42.47      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -48.78      | 2.9        | -                | 49.35      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -58.39      | 2.9        | 2.75             | 42.49      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5148.2          | -37.24      | 2.9        | -                | 60.89      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5148.2          | -50.79      | 2.9        | 2.75             | 50.09      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -35.14      | 2.9        | -                | 62.99      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -52.1       | 2.9        | 2.75             | 48.78      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -49.1       | 2.9        | -                | 49.03      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -57.96      | 2.9        | 2.75             | 42.92      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5358.24         | -46.1       | 2.9        | -                | 52.03      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5357.28         | -56.35      | 2.9        | 2.75             | 44.53      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -50.57      | 2.9        | -                | 47.56      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -58.12      | 2.9        | 2.75             | 42.76      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -49.49      | 2.9        | -                | 48.64      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -58.24      | 2.9        | 2.74             | 42.63      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5144.7          | -36.32      | 2.9        | -                | 61.81      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5149.6          | -51.47      | 2.9        | 2.74             | 49.4       | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5150            | -40.18      | 2.9        | -                | 57.95      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5150            | -51.79      | 2.9        | 2.74             | 49.08      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5350            | -51.13      | 2.9        | -                | 47         | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5350            | -58.22      | 2.9        | 2.74             | 42.65      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5403.36         | -47.04      | 2.9        | -                | 51.09      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5403.36         | -56.68      | 2.9        | 2.74             | 44.19      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5460            | -48.34      | 2.9        | -                | 49.79      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5460            | -57.86      | 2.9        | 2.74             | 43.01      | 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



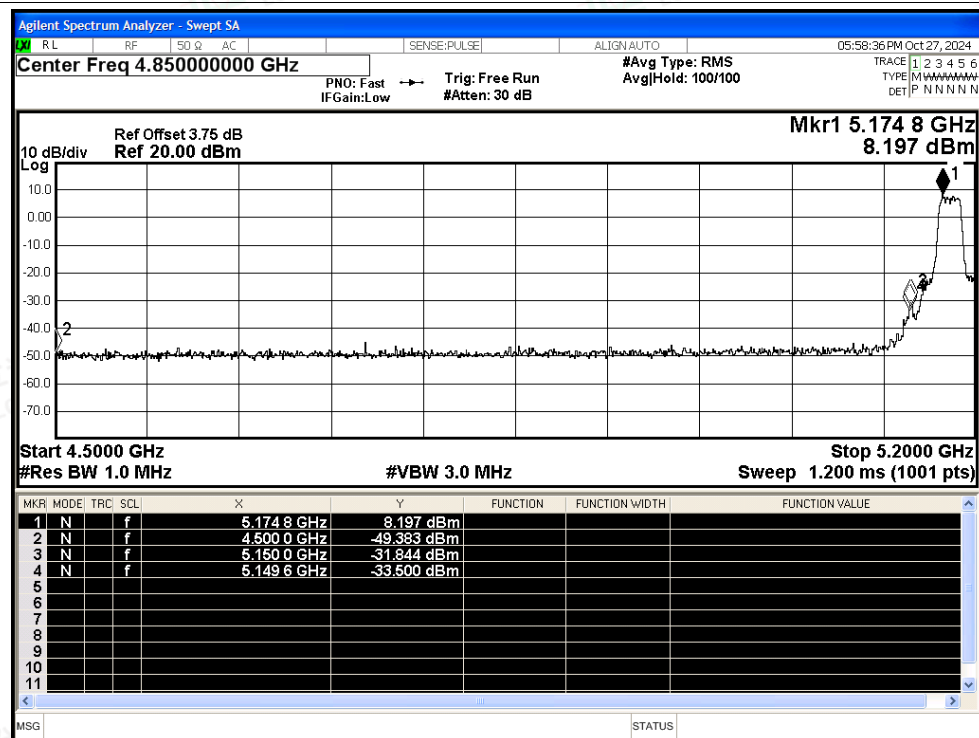
|      |      |      |      |         |        |     |     |       |         |      |      |
|------|------|------|------|---------|--------|-----|-----|-------|---------|------|------|
| NVNT | ax20 | 5180 | Ant1 | 4500    | -50.86 | 2.9 | -   | 47.27 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 4500    | -58.55 | 2.9 | 3.1 | 42.68 | Average | 54   | Pass |
| NVNT | ax20 | 5180 | Ant1 | 5147.5  | -39.42 | 2.9 | -   | 58.71 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 5149.6  | -52.64 | 2.9 | 3.1 | 48.59 | Average | 54   | Pass |
| NVNT | ax20 | 5180 | Ant1 | 5150    | -42.48 | 2.9 | -   | 55.65 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 5150    | -53.29 | 2.9 | 3.1 | 47.94 | Average | 54   | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5350    | -48.75 | 2.9 | -   | 49.38 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5350    | -57.47 | 2.9 | 3.1 | 43.76 | Average | 54   | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5358    | -45.64 | 2.9 | -   | 52.49 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5358.48 | -56.3  | 2.9 | 3.1 | 44.93 | Average | 54   | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5460    | -49.67 | 2.9 | -   | 48.46 | Peak    | 68.2 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 5460    | -57.85 | 2.9 | 3.1 | 43.38 | Average | 54   | Pass |



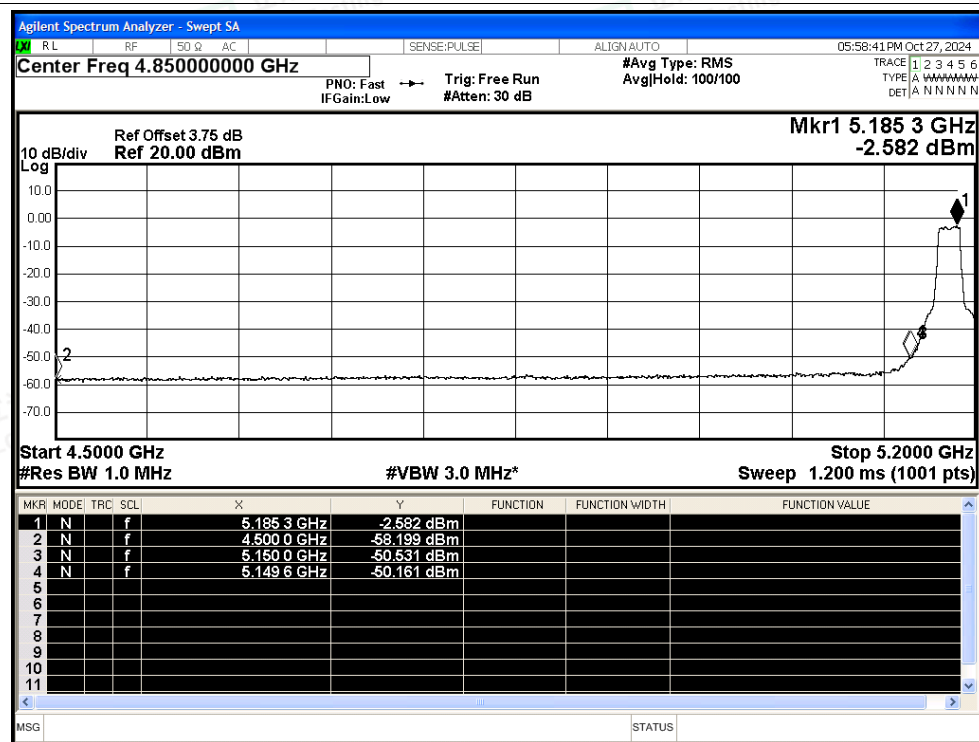


## Test Graphs

## Restrict Band NVNT a 5180MHz Ant1 Peak



## Restrict Band NVNT a 5180MHz Ant1 Average



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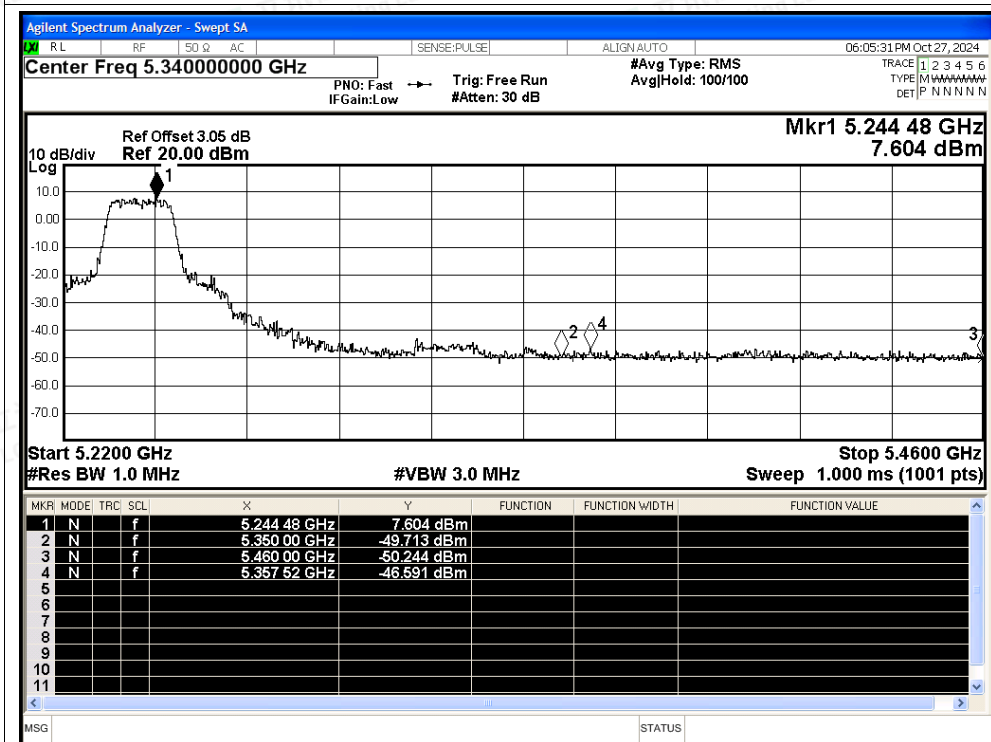
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

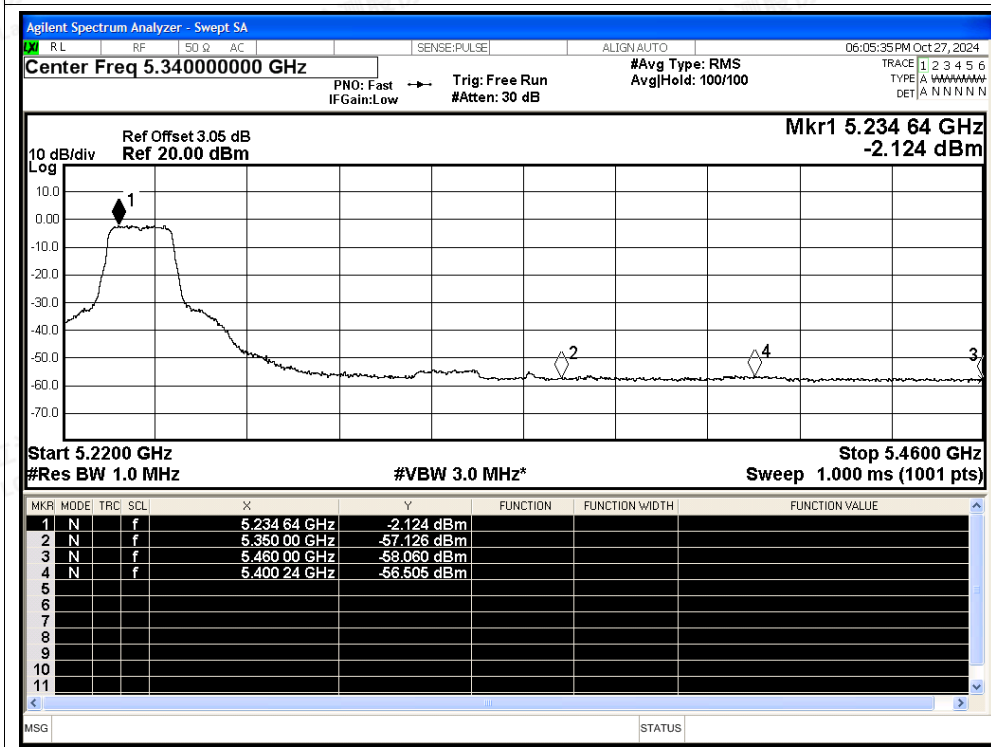
Scan code to check authenticity



## Restrict Band NVNT a 5240MHz Ant1 Peak

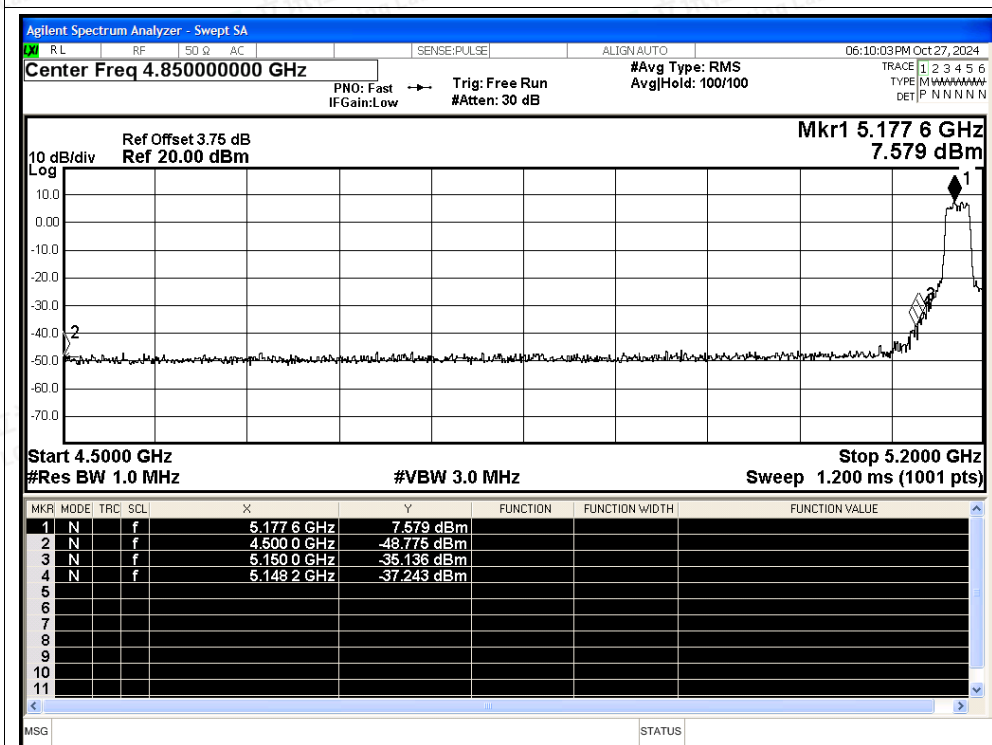


## Restrict Band NVNT a 5240MHz Ant1 Average

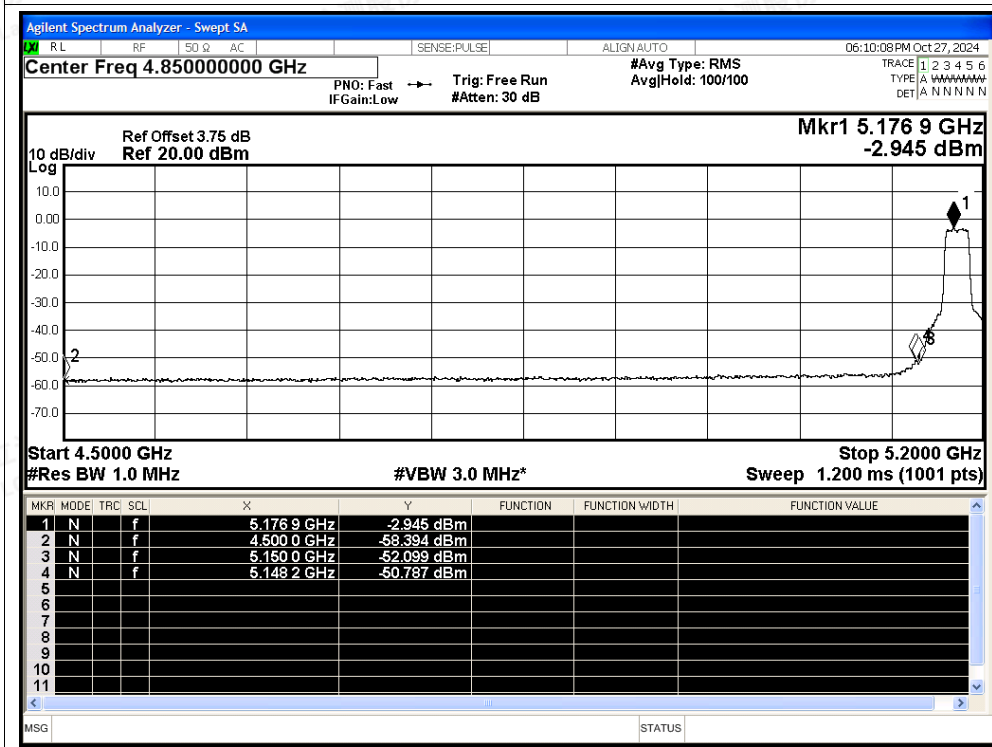




## Restrict Band NVNT n20 5180MHz Ant1 Peak



## Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

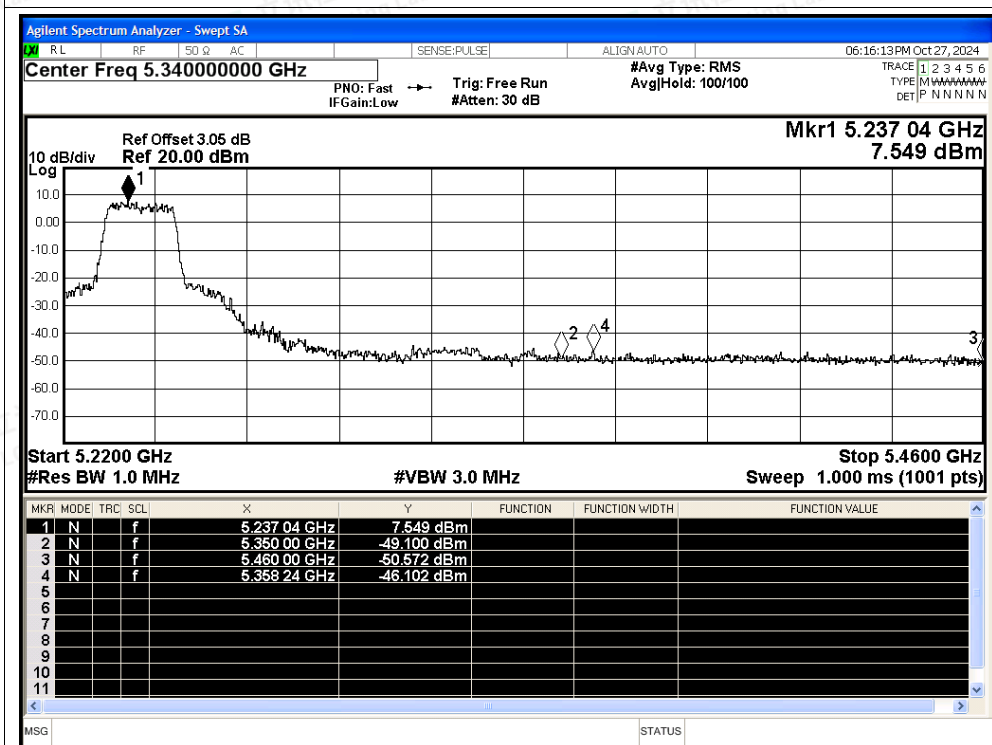
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

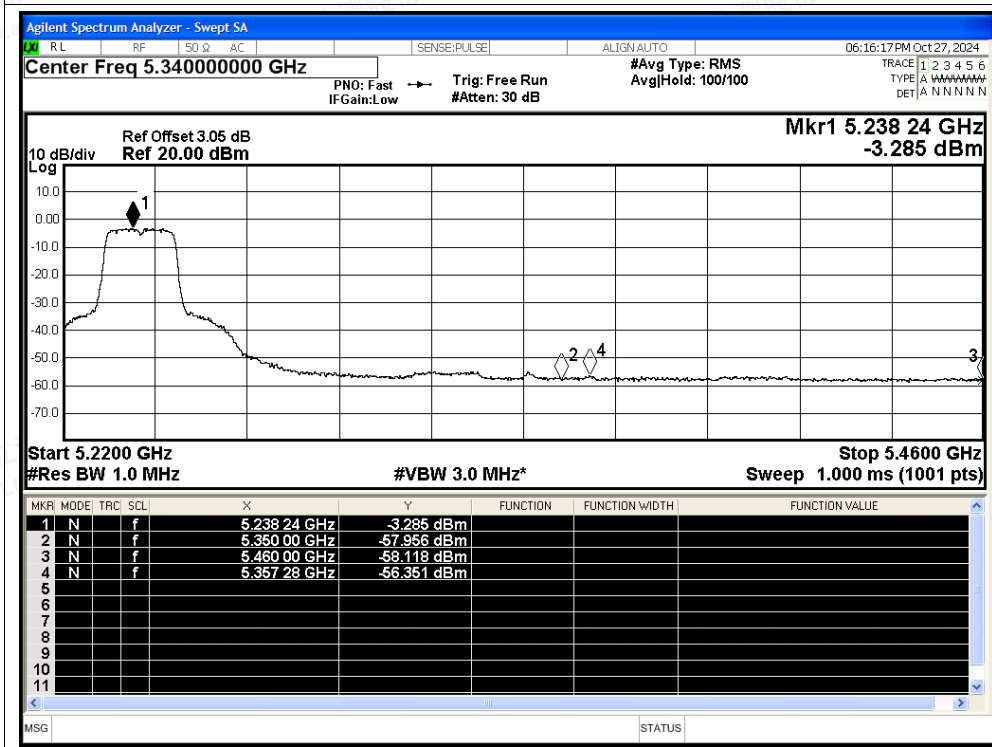
Scan code to check authenticity



## Restrict Band NVNT n20 5240MHz Ant1 Peak



## Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

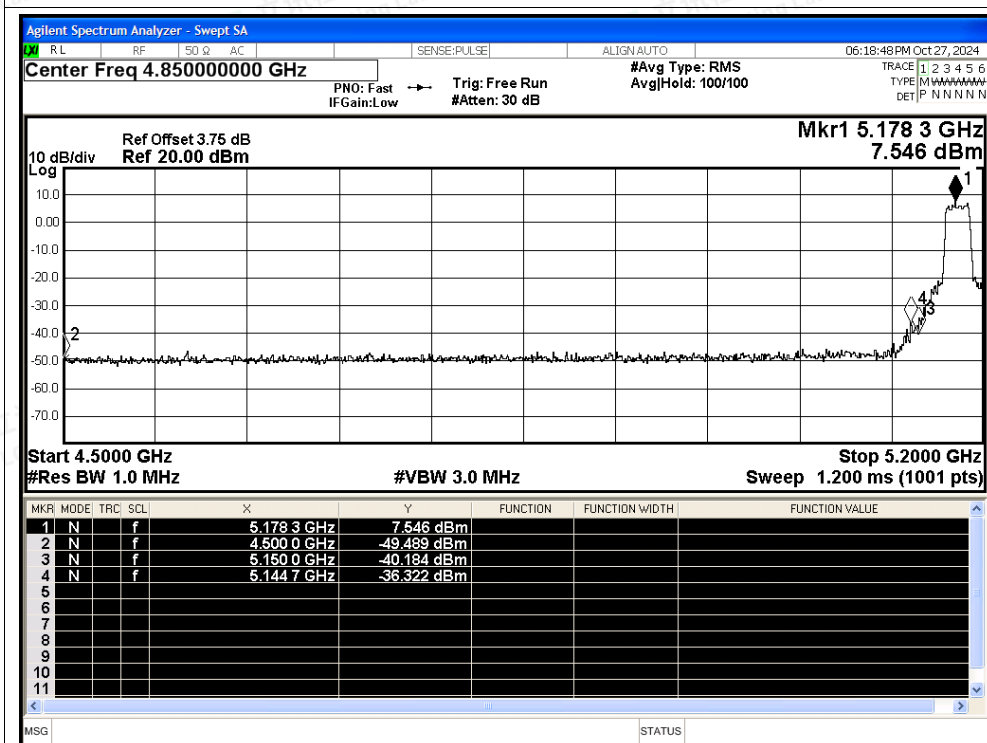
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

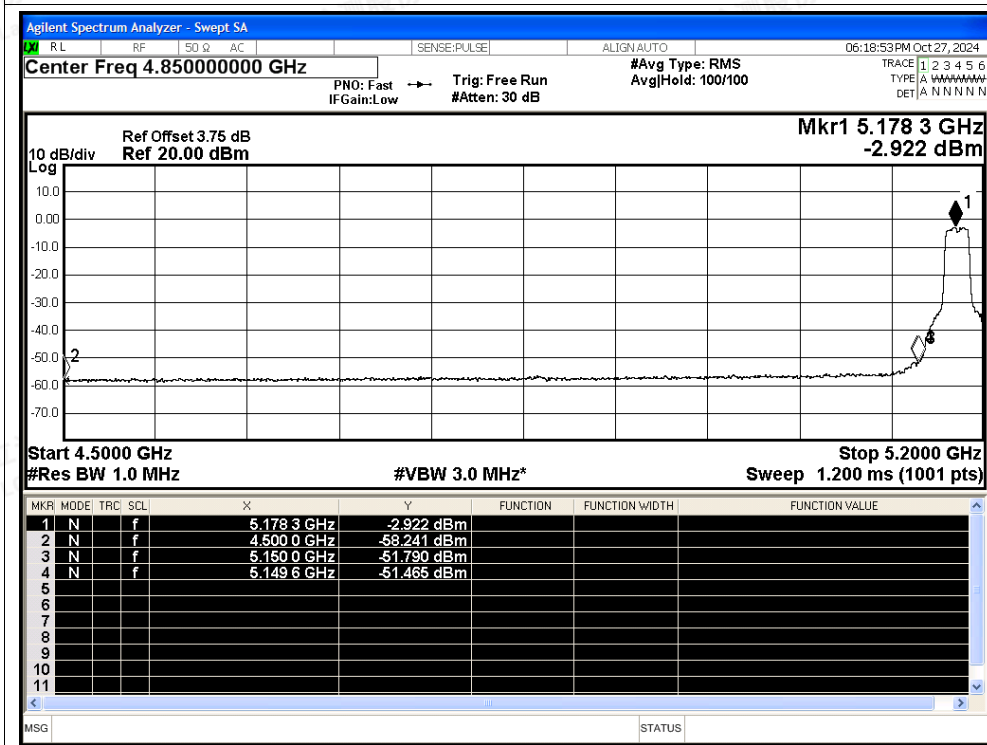
Scan code to check authenticity



## Restrict Band NVNT ac20 5180MHz Ant1 Peak



## Restrict Band NVNT ac20 5180MHz Ant1 Average



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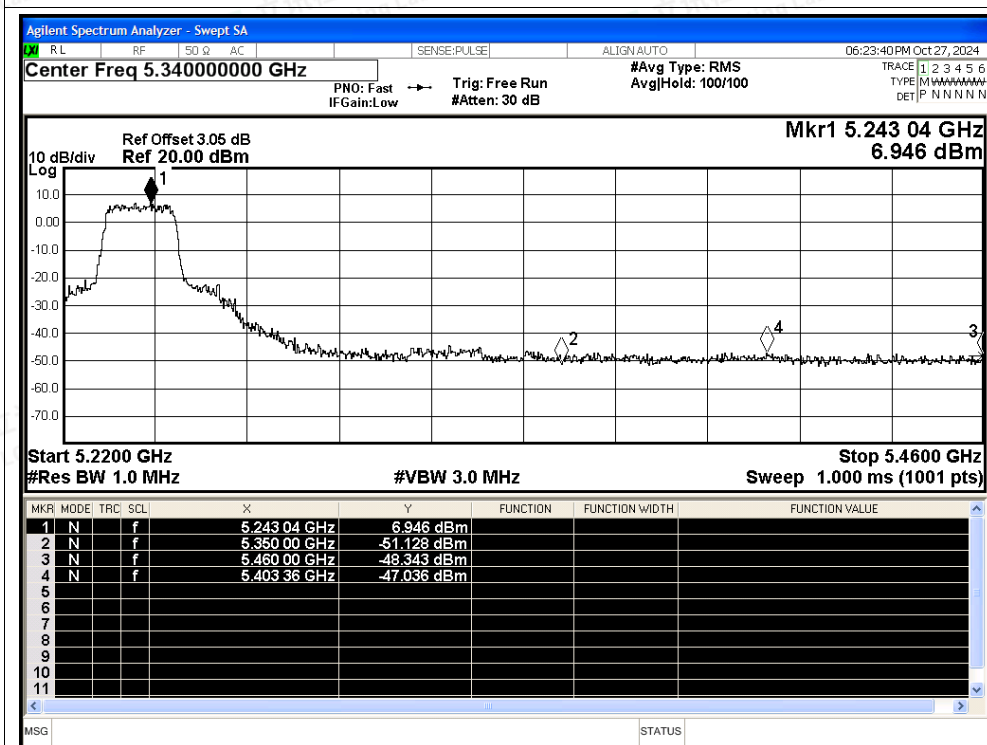
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

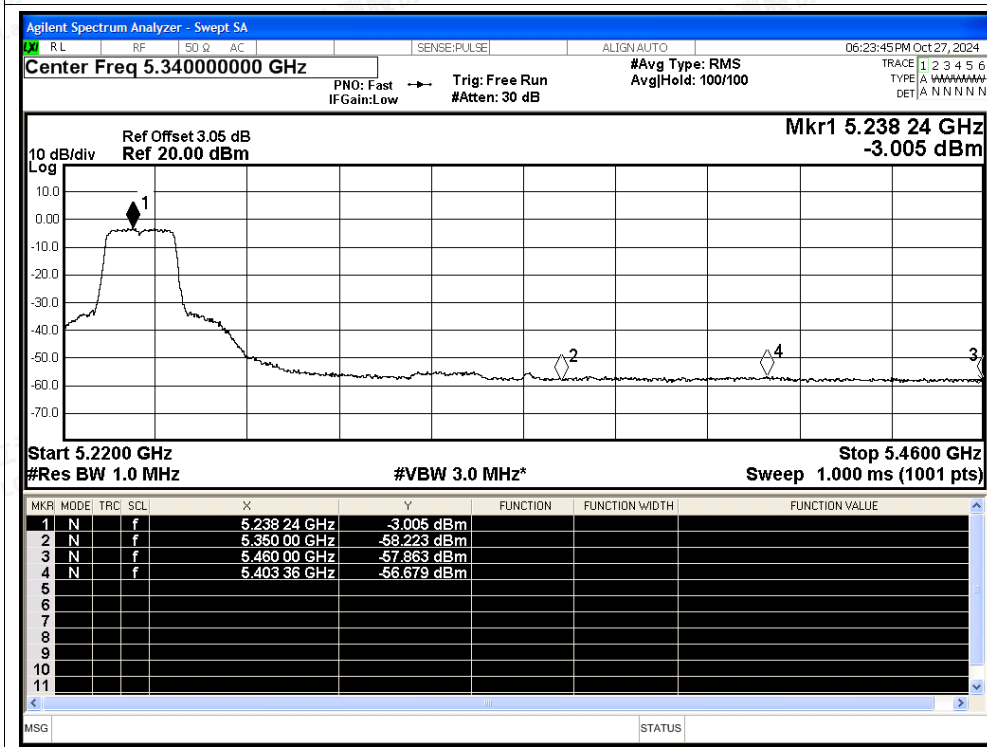
Scan code to check authenticity



## Restrict Band NVNT ac20 5240MHz Ant1 Peak



## Restrict Band NVNT ac20 5240MHz Ant1 Average



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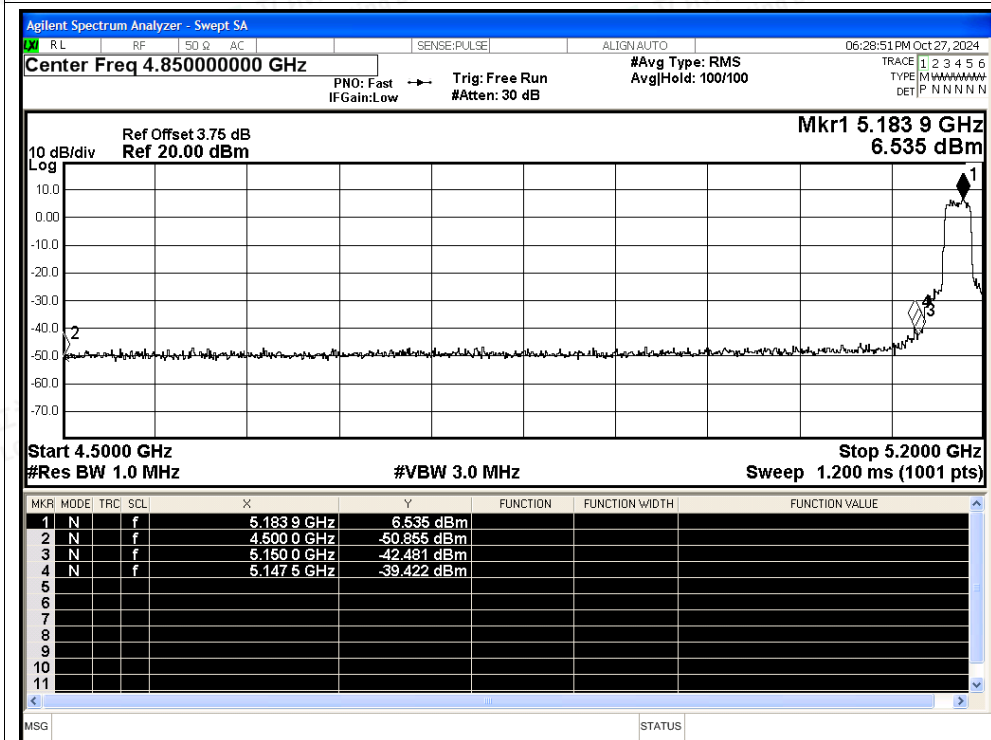
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

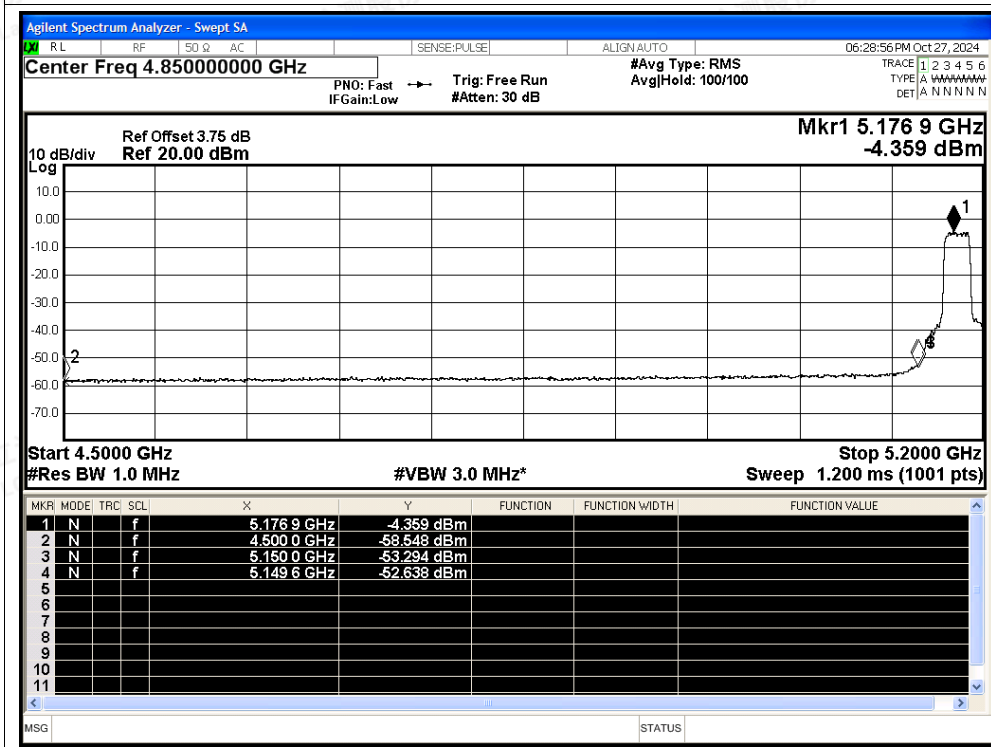
Scan code to check authenticity



## Restrict Band NVNT ax20 5180MHz Ant1 Peak



## Restrict Band NVNT ax20 5180MHz Ant1 Average



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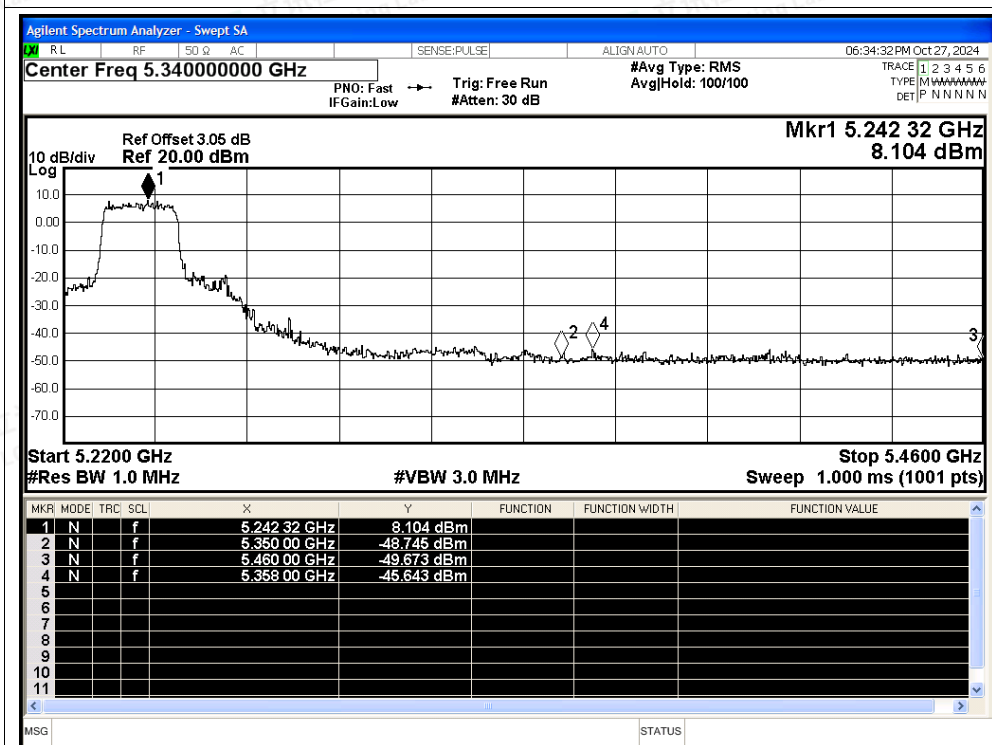
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

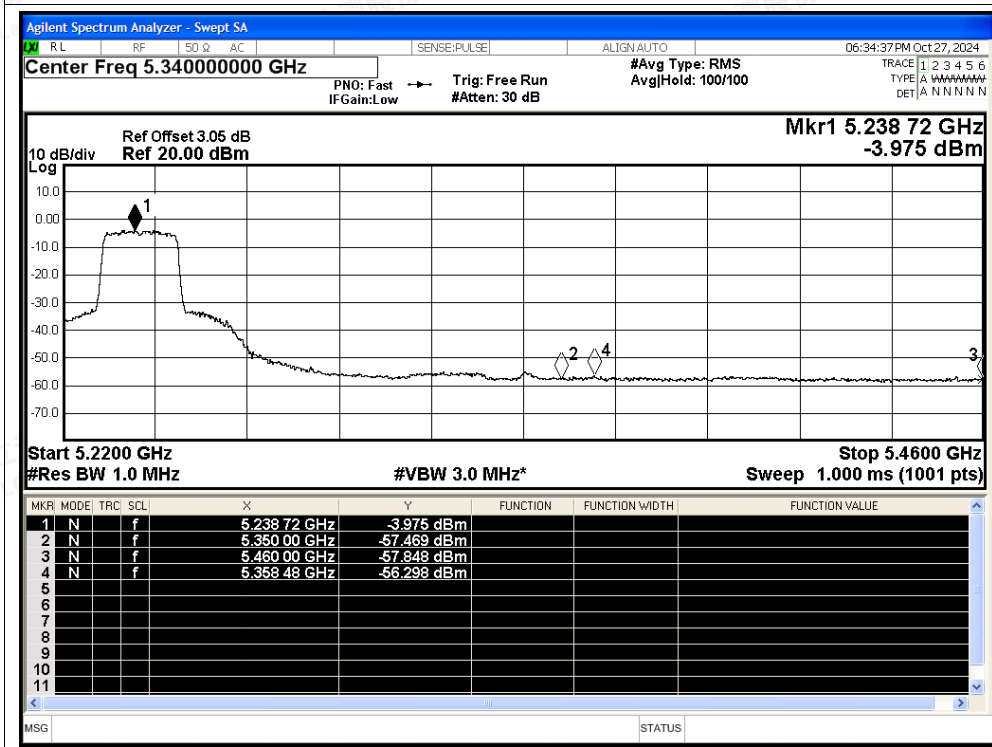
Scan code to check authenticity



## Restrict Band NVNT ax20 5240MHz Ant1 Peak



## Restrict Band NVNT ax20 5240MHz Ant1 Average



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**802.11ax OFDMA-(26 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -51.98      | 2.9        | -                | 46.15      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -59.70      | 2.9        | 3.1              | 41.53      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5147.5          | -40.52      | 2.9        | -                | 57.61      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5149.6          | -53.71      | 2.9        | 3.1              | 47.52      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -43.57      | 2.9        | -                | 54.56      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -54.38      | 2.9        | 3.1              | 46.85      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -49.89      | 2.9        | -                | 48.24      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -58.55      | 2.9        | 3.1              | 42.68      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358            | -46.70      | 2.9        | -                | 51.43      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358.48         | -57.34      | 2.9        | 3.1              | 43.89      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -50.76      | 2.9        | -                | 47.37      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -58.94      | 2.9        | 3.1              | 42.29      | Average  | 54             | Pass    |

**802.11ax OFDMA-(52 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -51.97      | 2.9        | -                | 46.16      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -59.63      | 2.9        | 3.1              | 41.6       | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5147.5          | -40.56      | 2.9        | -                | 57.57      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5149.6          | -53.74      | 2.9        | 3.1              | 47.49      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -43.60      | 2.9        | -                | 54.53      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -54.37      | 2.9        | 3.1              | 46.86      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -49.91      | 2.9        | -                | 48.22      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -58.53      | 2.9        | 3.1              | 42.7       | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358            | -46.76      | 2.9        | -                | 51.37      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358.48         | -57.43      | 2.9        | 3.1              | 43.8       | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -50.71      | 2.9        | -                | 47.42      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -59.00      | 2.9        | 3.1              | 42.23      | Average  | 54             | Pass    |



**802.11ax OFDMA-(106 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -51.98      | 2.9        | -                | 46.15      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -59.59      | 2.9        | 3.1              | 41.64      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5147.5          | -40.47      | 2.9        | -                | 57.66      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5149.6          | -53.79      | 2.9        | 3.1              | 47.44      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -43.53      | 2.9        | -                | 54.6       | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -54.47      | 2.9        | 3.1              | 46.76      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -49.87      | 2.9        | -                | 48.26      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -58.51      | 2.9        | 3.1              | 42.72      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358            | -46.70      | 2.9        | -                | 51.43      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358.48         | -57.40      | 2.9        | 3.1              | 43.83      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -50.77      | 2.9        | -                | 47.36      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -58.91      | 2.9        | 3.1              | 42.32      | Average  | 54             | Pass    |

**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -51.90      | 2.9        | -                | 46.23      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 4500            | -59.61      | 2.9        | 3.1              | 41.62      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5147.5          | -40.52      | 2.9        | -                | 57.61      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5149.6          | -53.72      | 2.9        | 3.1              | 47.51      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -43.57      | 2.9        | -                | 54.56      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5150            | -54.39      | 2.9        | 3.1              | 46.84      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -49.82      | 2.9        | -                | 48.31      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5350            | -58.64      | 2.9        | 3.1              | 42.59      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358            | -46.72      | 2.9        | -                | 51.41      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5358.48         | -57.35      | 2.9        | 3.1              | 43.88      | Average  | 54             | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -50.80      | 2.9        | -                | 47.33      | Peak     | 68.2           | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5460            | -58.97      | 2.9        | 3.1              | 42.26      | Average  | 54             | Pass    |





## C.5 Frequency Stability

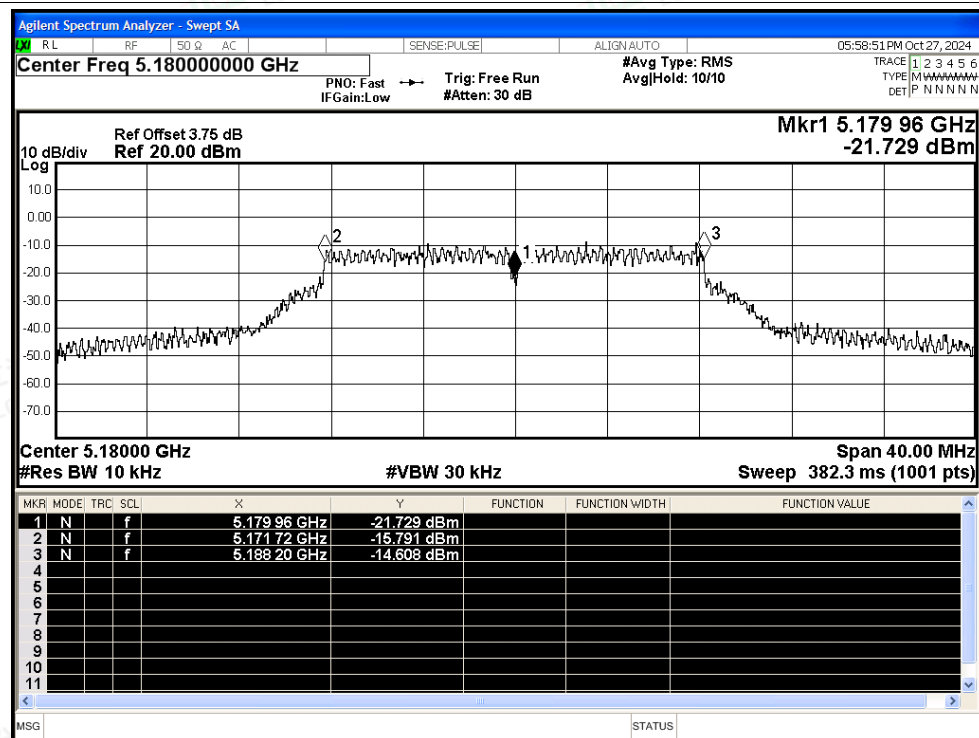
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |



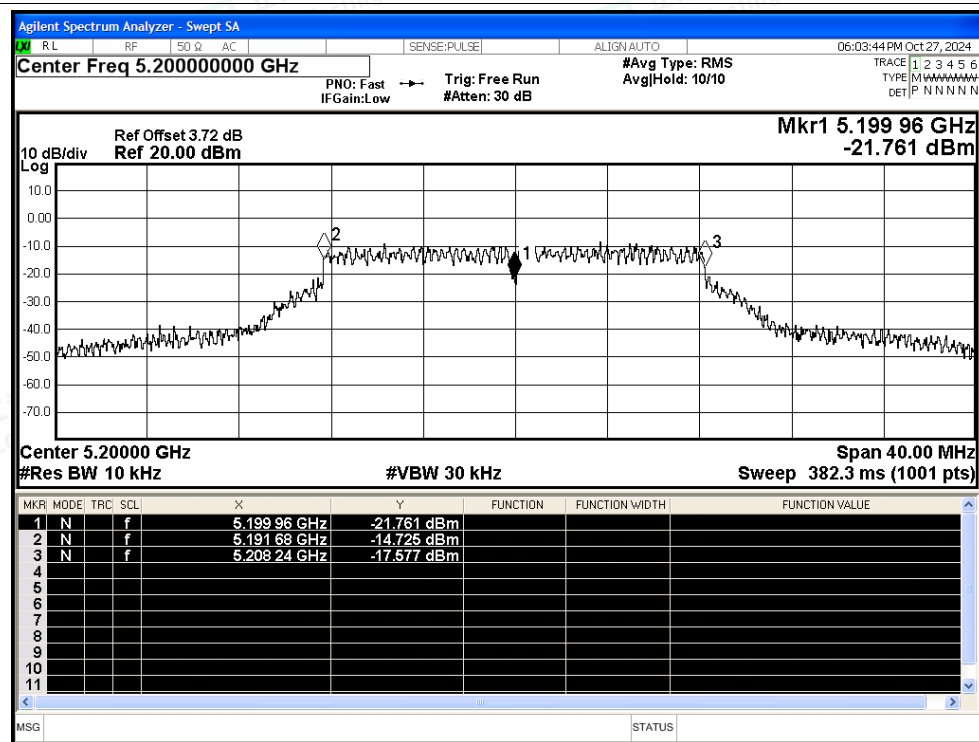


## Test Graphs

## Freq. Stability NVNT a 5180MHz Ant1



## Freq. Stability NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

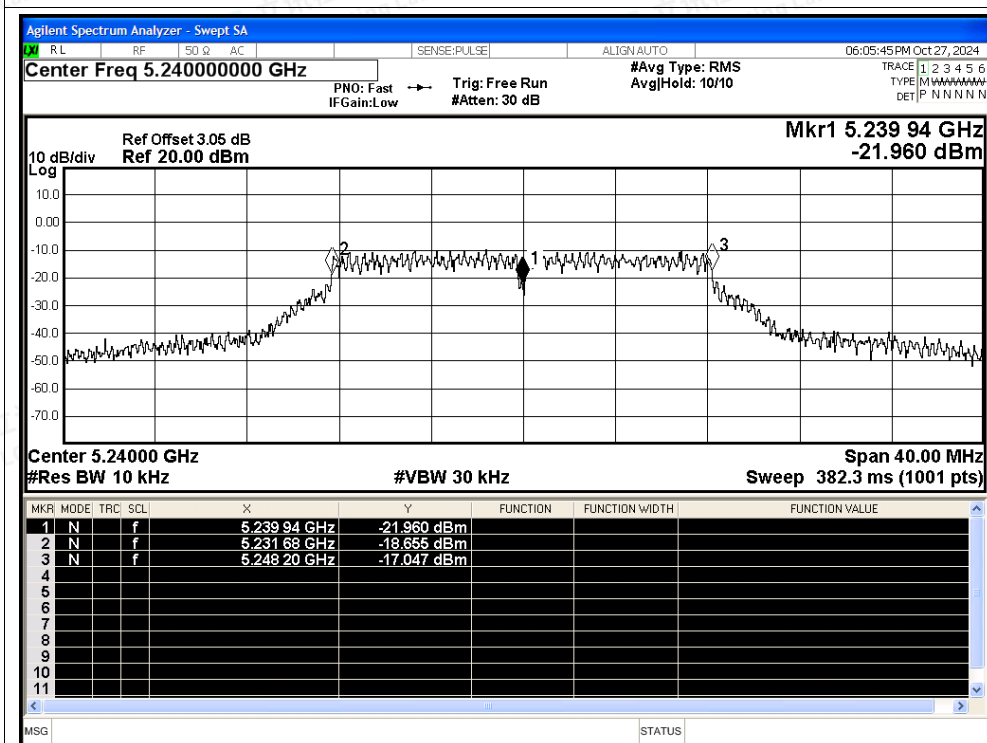
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

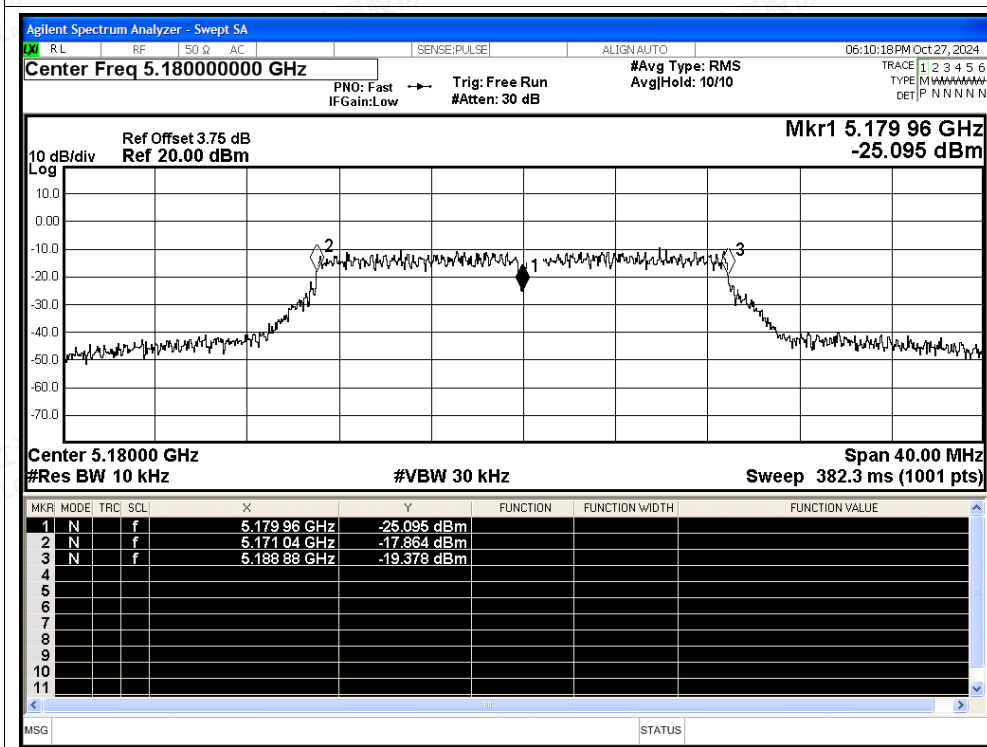
Scan code to check authenticity



## Freq. Stability NVNT a 5240MHz Ant1



## Freq. Stability NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

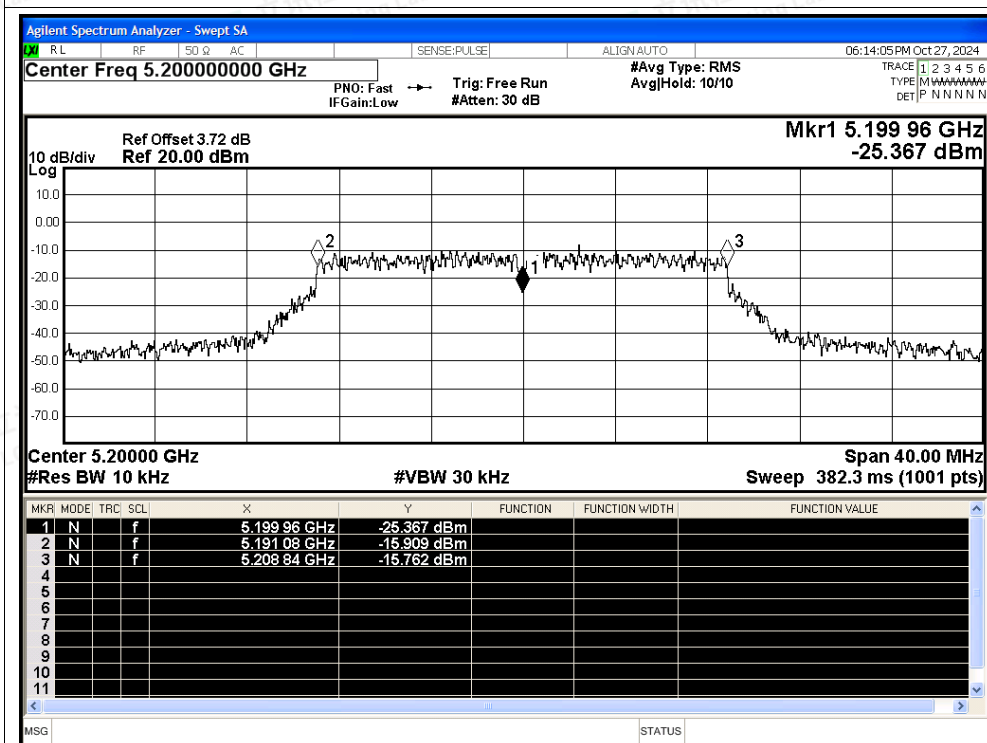
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

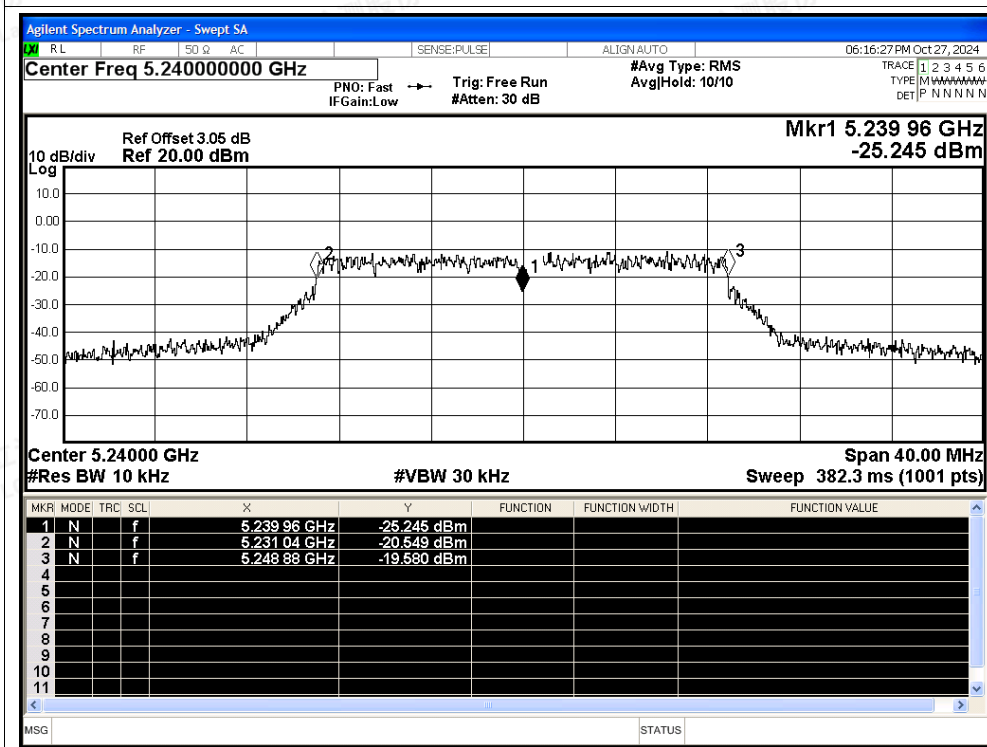
Scan code to check authenticity



## Freq. Stability NVNT n20 5200MHz Ant1



## Freq. Stability NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

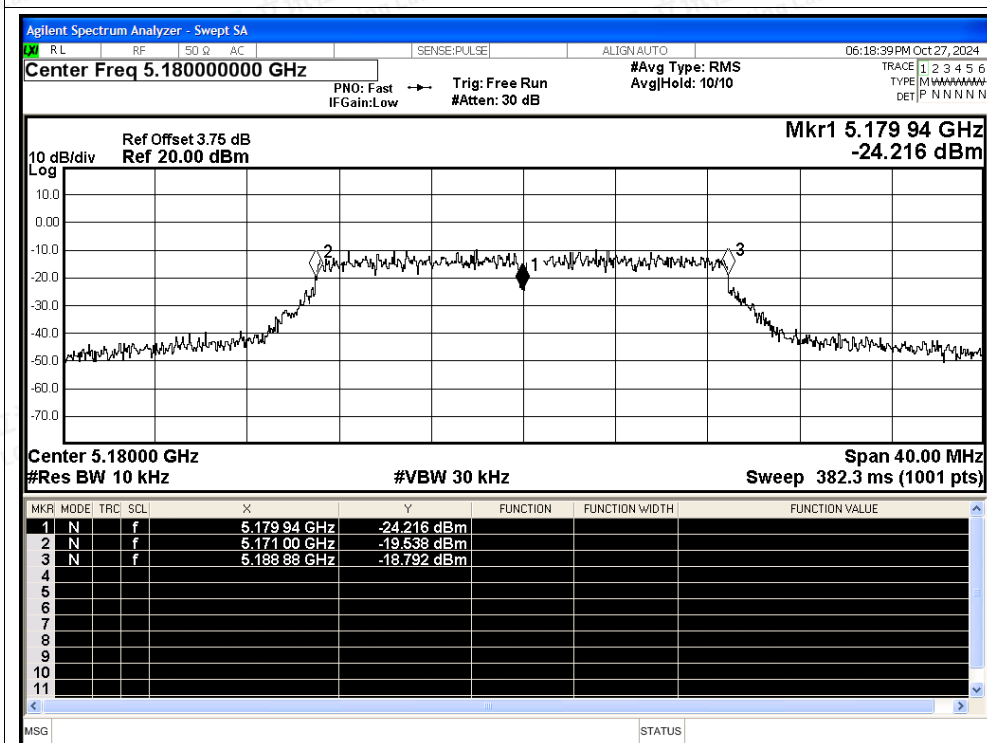
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

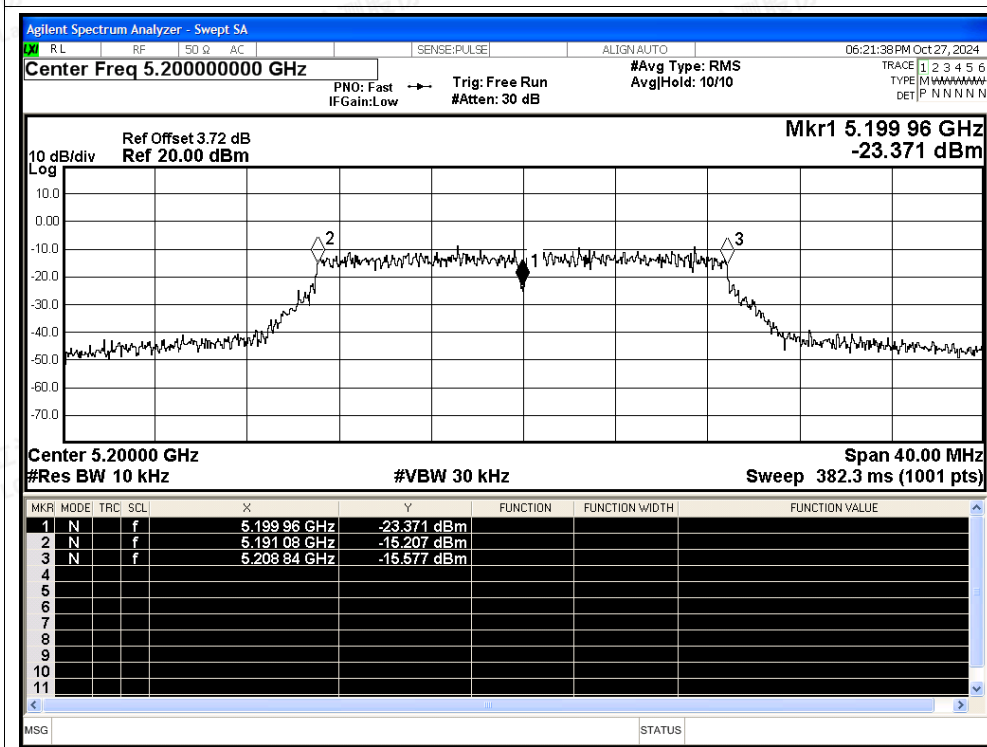
Scan code to check authenticity



## Freq. Stability NVNT ac20 5180MHz Ant1



## Freq. Stability NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

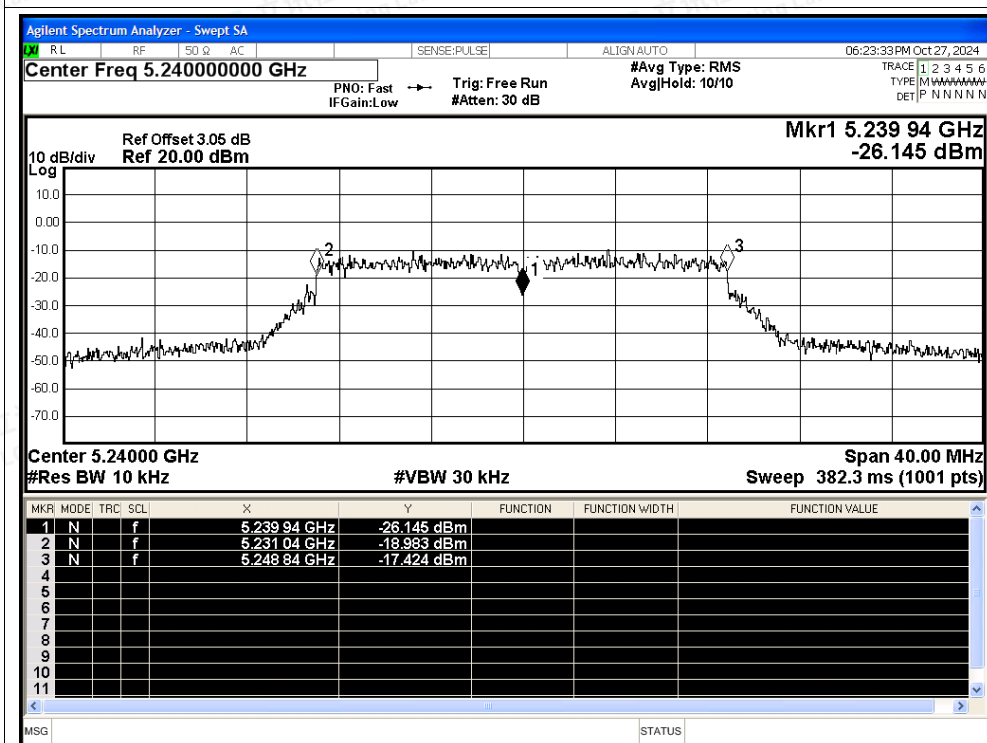
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

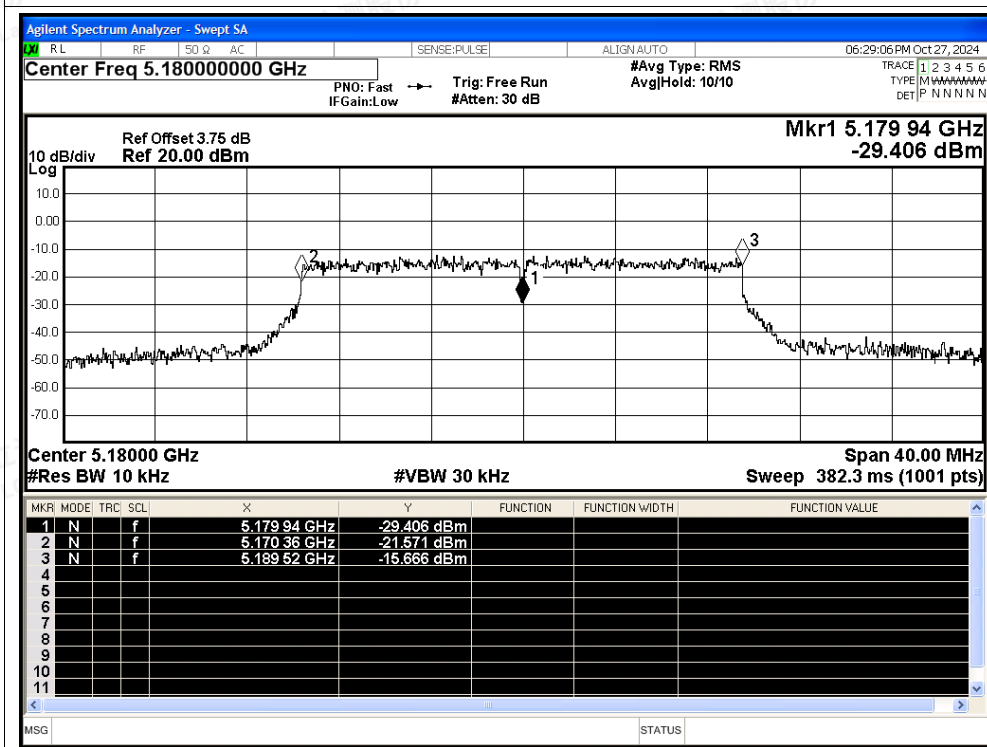
Scan code to check authenticity



## Freq. Stability NVNT ac20 5240MHz Ant1



## Freq. Stability NVNT ax20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

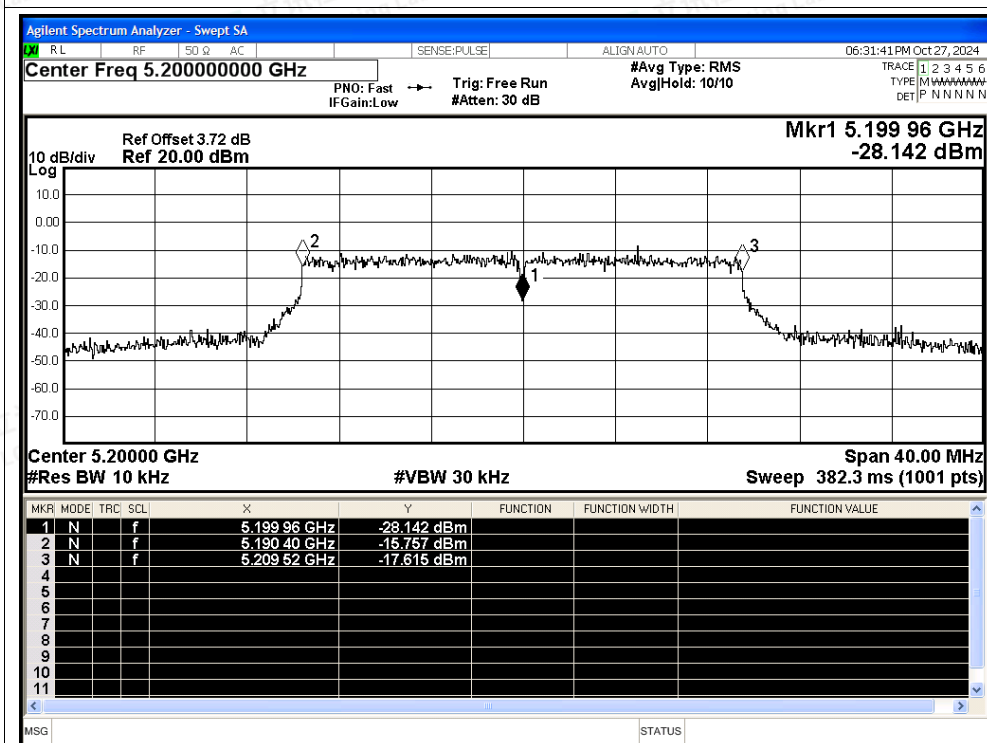
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

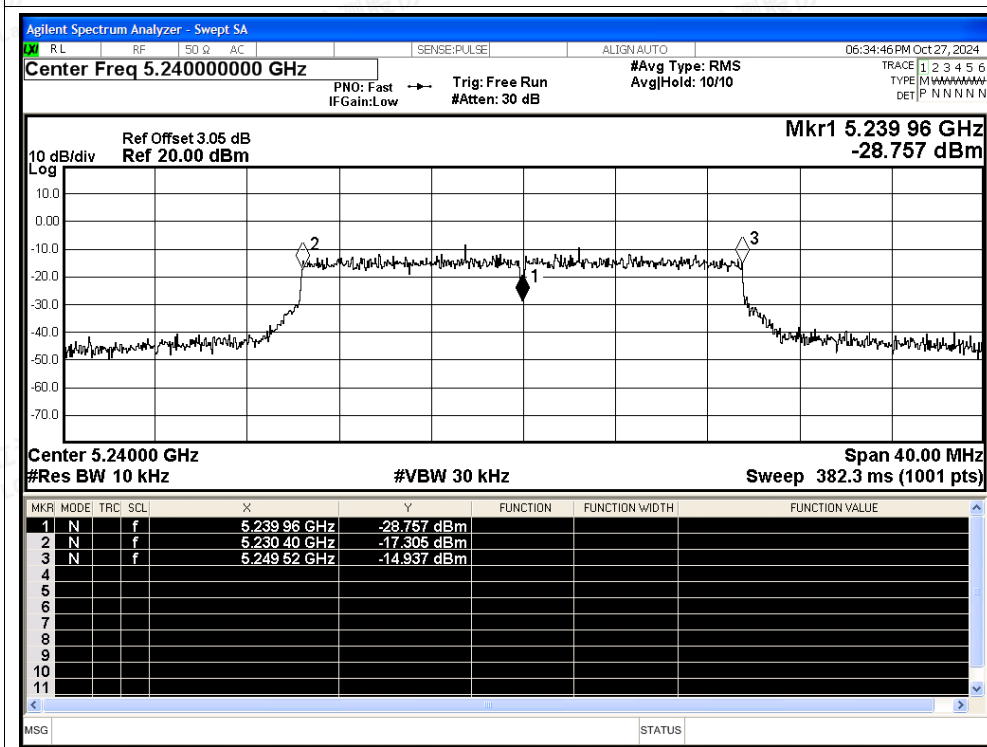
Scan code to check authenticity



## Freq. Stability NVNT ax20 5200MHz Ant1



## Freq. Stability NVNT ax20 5240MHz Ant1



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

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**802.11ax OFDMA-(26 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 5179.96                  | -60000               | -7.72           | 25          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 5200.00                  | -40000               | 0.00            | 25          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5240.02                  | -40000               | 3.82            | 25          | Pass    |

**802.11ax OFDMA-(52 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 5179.98                  | -60000               | -3.86           | 25          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 5199.98                  | -40000               | -3.85           | 25          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5240.02                  | -40000               | 3.82            | 25          | Pass    |

**802.11ax OFDMA-(106 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 5180.04                  | -60000               | 7.72            | 25          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 5200.01                  | -40000               | 1.92            | 25          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5239.98                  | -40000               | -3.82           | 25          | Pass    |

**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ax20 | 5180            | Ant1    | 5180.00                  | -60000               | 0.00            | 25          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 5199.99                  | -40000               | -1.92           | 25          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 5240.00                  | -40000               | 0.00            | 25          | Pass    |





## C.6 Duty Cycle

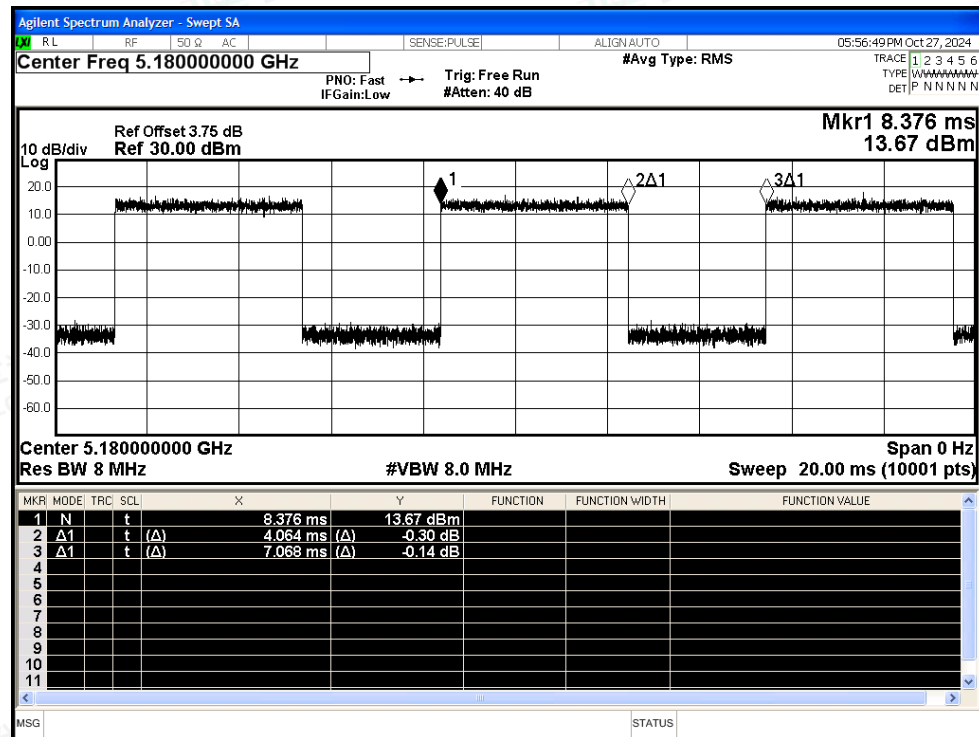
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 57.5           | 2.4                    | 0.25      |
| NVNT      | a    | 5200            | Ant1    | 57.53          | 2.4                    | 0.25      |
| NVNT      | a    | 5240            | Ant1    | 57.5           | 2.4                    | 0.25      |
| NVNT      | n20  | 5180            | Ant1    | 53.11          | 2.75                   | 0.29      |
| NVNT      | n20  | 5200            | Ant1    | 53.11          | 2.75                   | 0.29      |
| NVNT      | n20  | 5240            | Ant1    | 53.14          | 2.75                   | 0.29      |
| NVNT      | ac20 | 5180            | Ant1    | 53.18          | 2.74                   | 0.29      |
| NVNT      | ac20 | 5200            | Ant1    | 53.18          | 2.74                   | 0.29      |
| NVNT      | ac20 | 5240            | Ant1    | 53.16          | 2.74                   | 0.29      |
| NVNT      | ax20 | 5180            | Ant1    | 48.98          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5200            | Ant1    | 48.95          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5240            | Ant1    | 48.95          | 3.1                    | 0.35      |



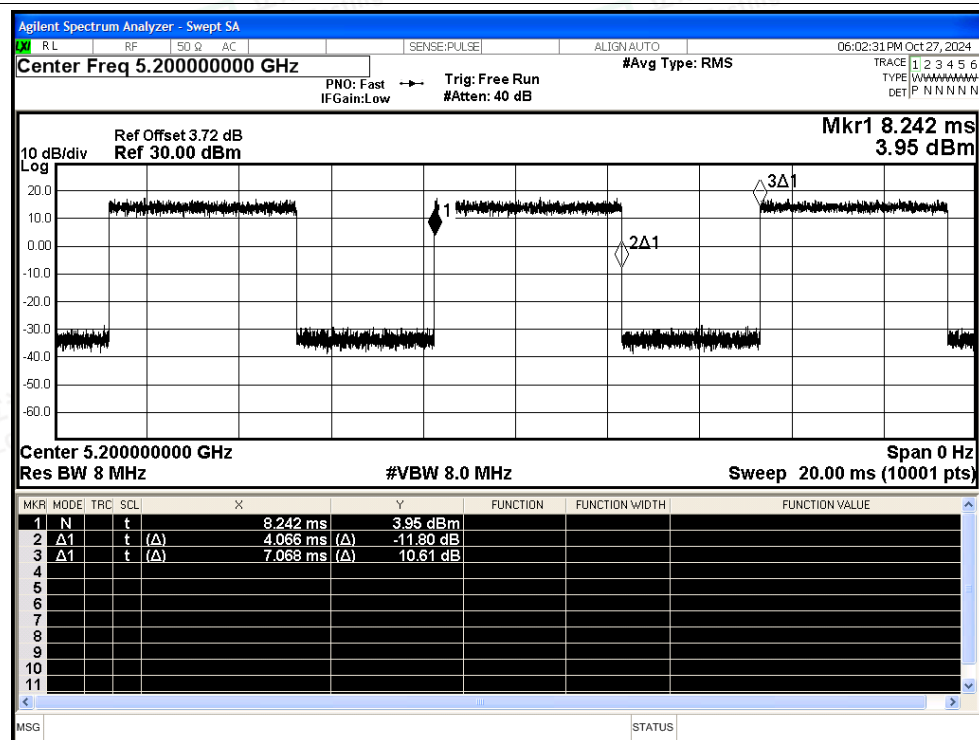


## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1



## Duty Cycle NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

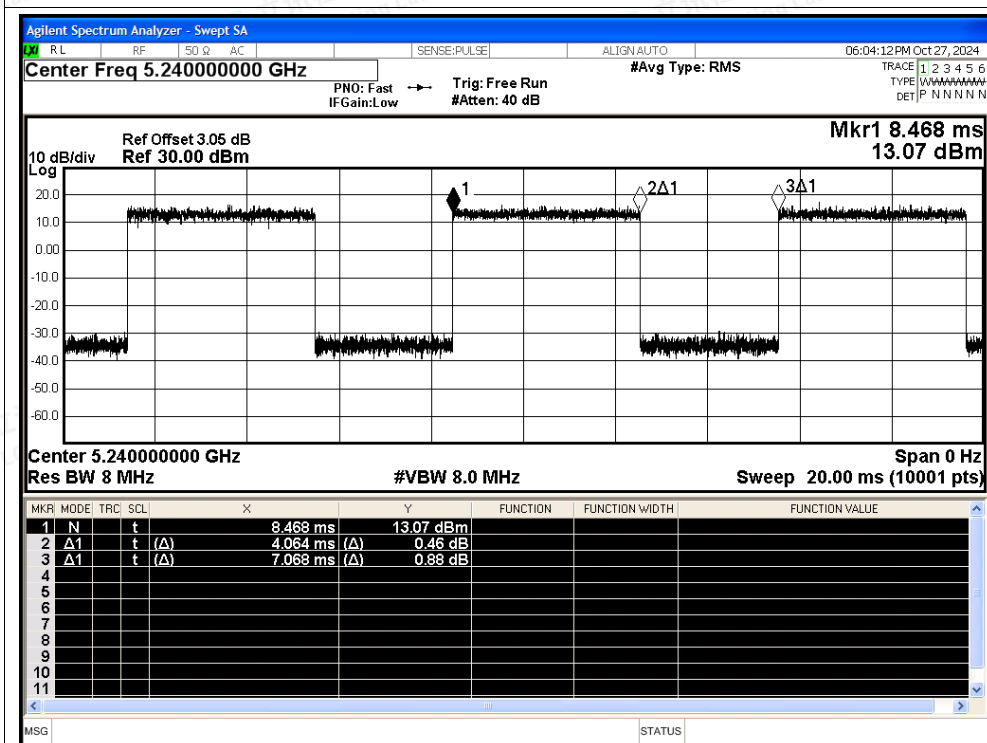
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

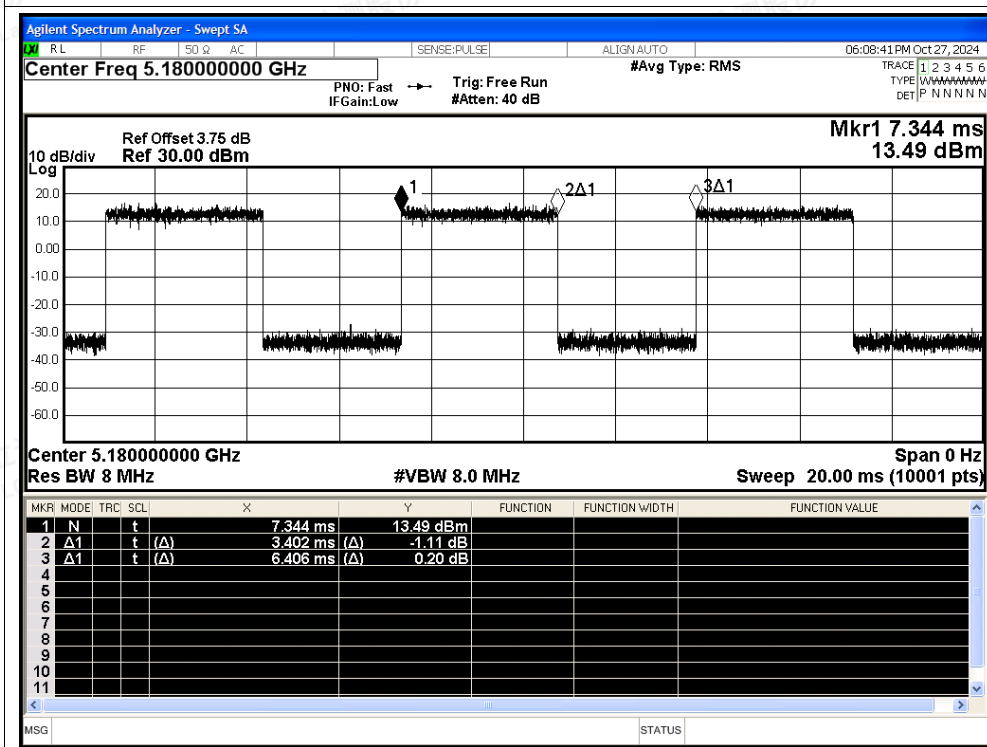
Scan code to check authenticity



## Duty Cycle NVNT a 5240MHz Ant1



## Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

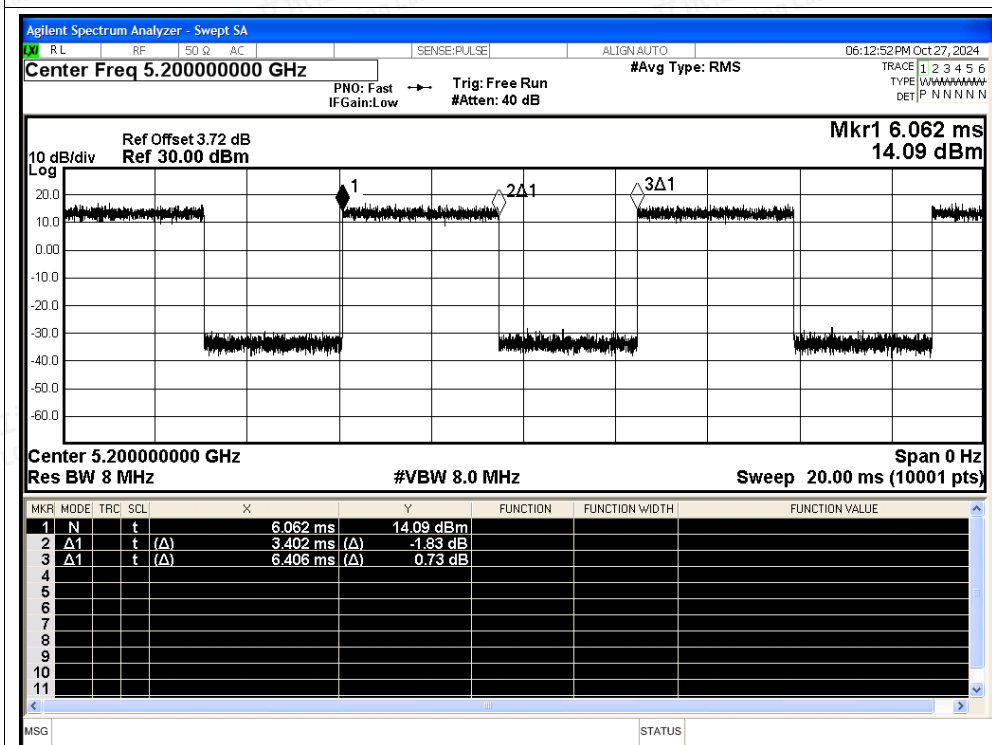
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

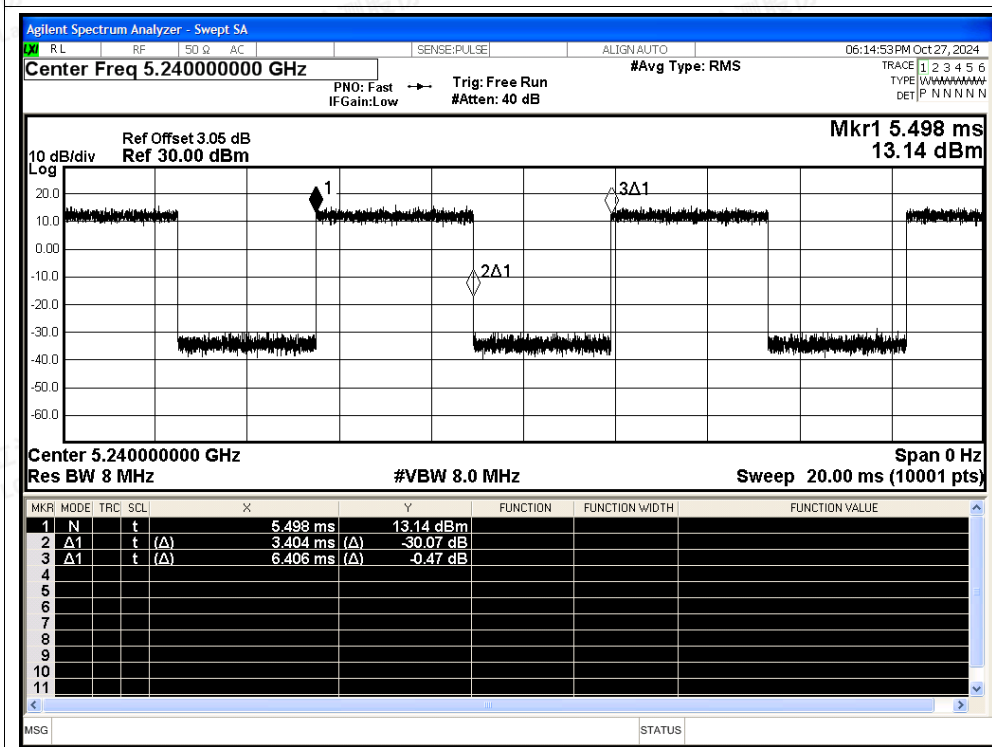
Scan code to check authenticity



## Duty Cycle NVNT n20 5200MHz Ant1



## Duty Cycle NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

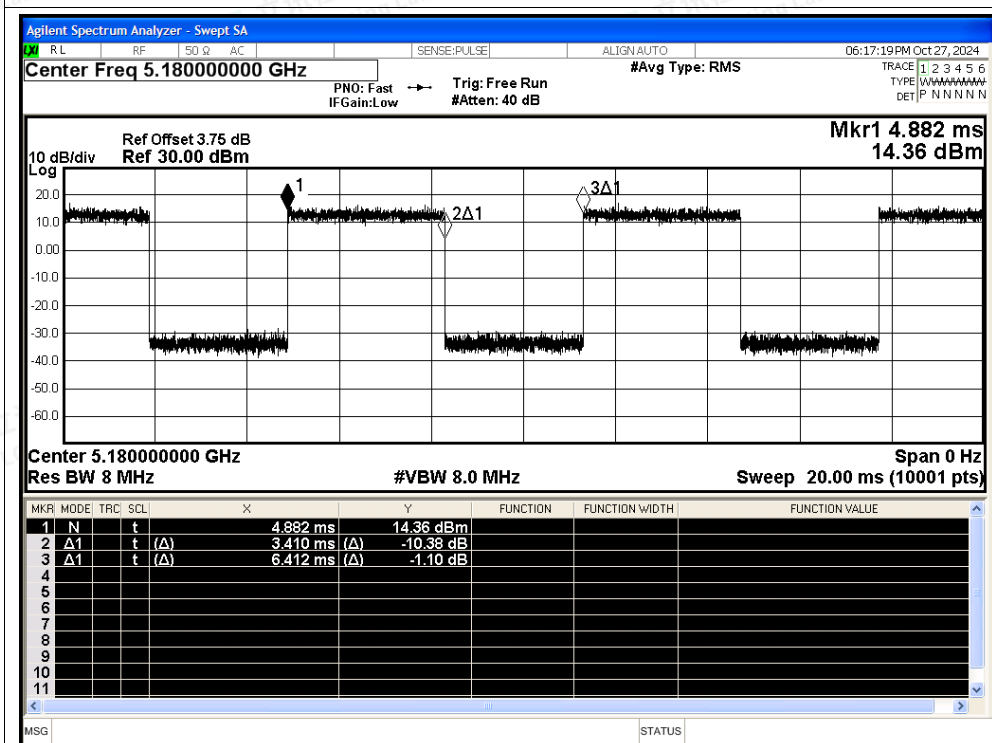
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

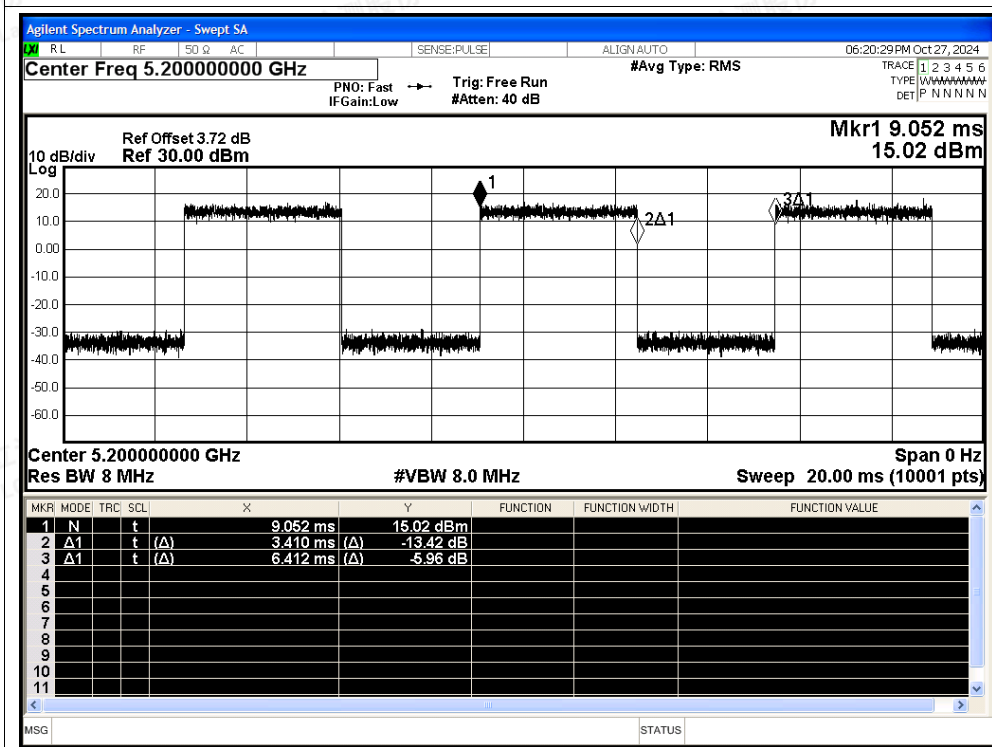
Scan code to check authenticity



## Duty Cycle NVNT ac20 5180MHz Ant1



## Duty Cycle NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

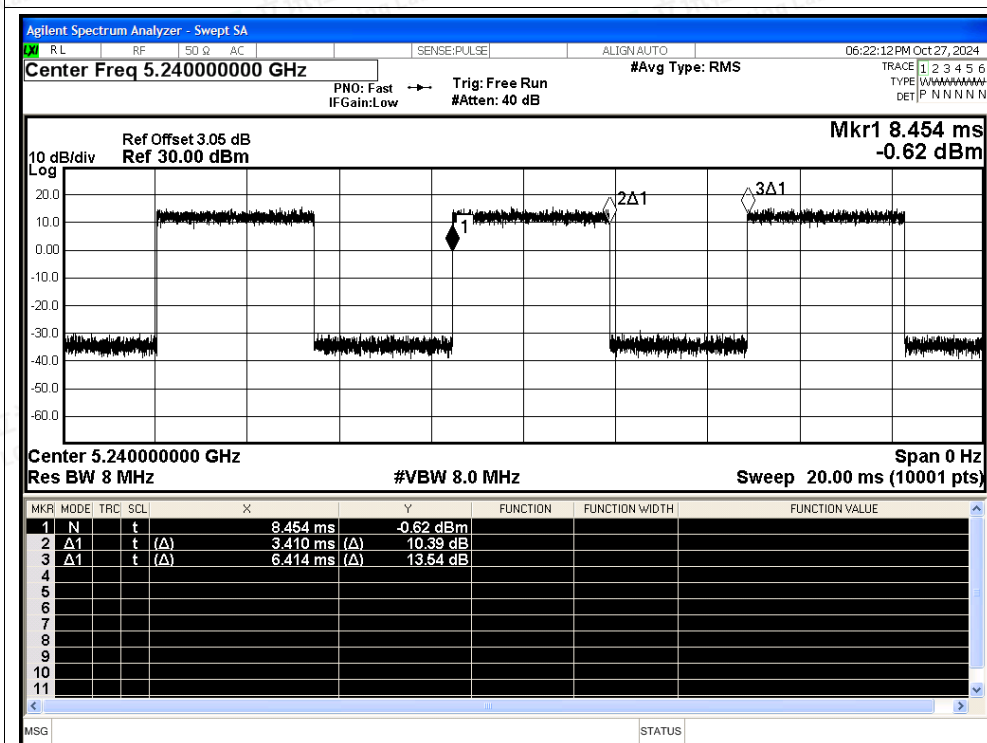
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

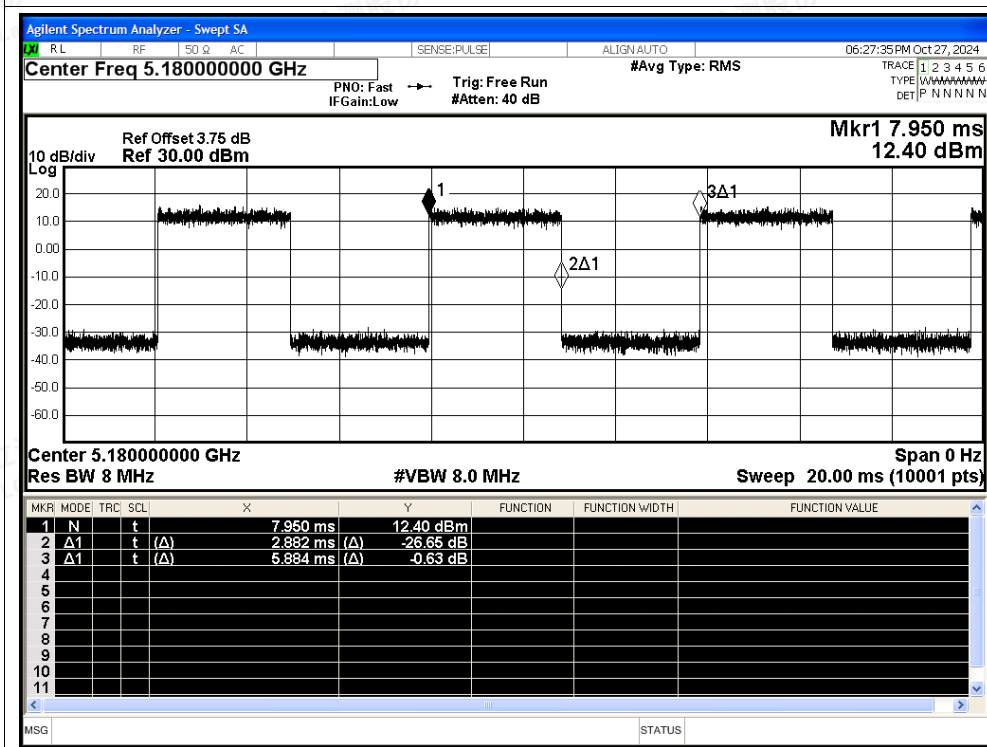
Scan code to check authenticity



## Duty Cycle NVNT ac20 5240MHz Ant1



## Duty Cycle NVNT ax20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

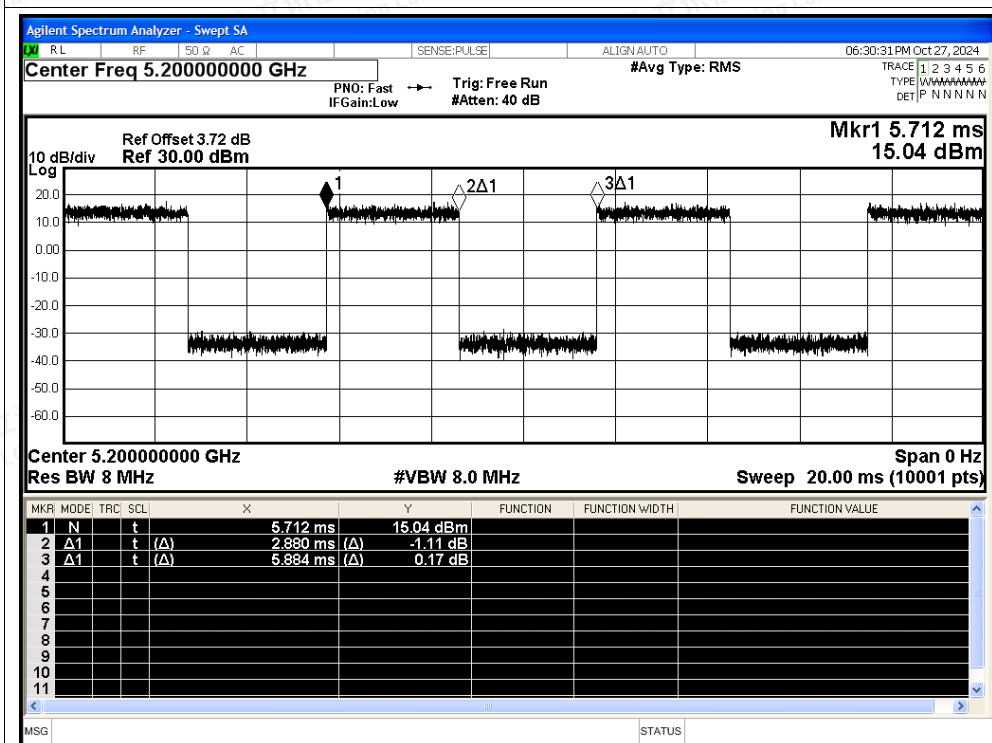
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

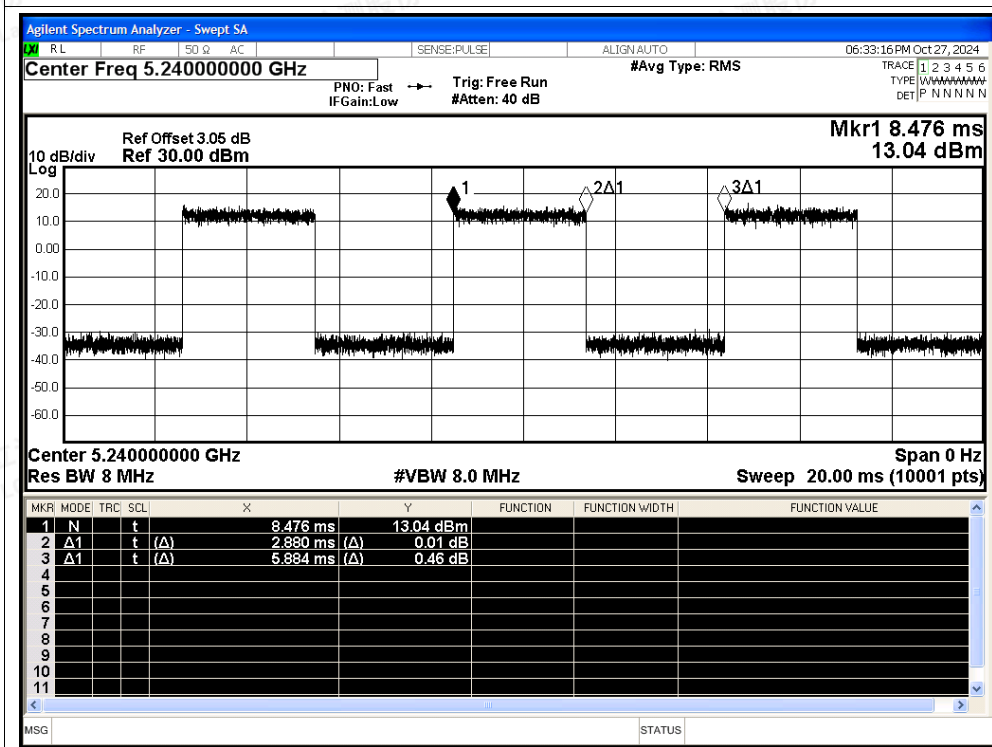
Scan code to check authenticity



## Duty Cycle NVNT ax20 5200MHz Ant1



## Duty Cycle NVNT ax20 5240MHz 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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**802.11ax OFDMA-(26 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | ax20 | 5180            | Ant1    | 48.98          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5200            | Ant1    | 48.95          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5240            | Ant1    | 48.95          | 3.1                    | 0.35      |

**802.11ax OFDMA-(52 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | ax20 | 5180            | Ant1    | 48.98          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5200            | Ant1    | 48.95          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5240            | Ant1    | 48.95          | 3.1                    | 0.35      |

**802.11ax OFDMA-(106 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | ax20 | 5180            | Ant1    | 48.98          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5200            | Ant1    | 48.95          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5240            | Ant1    | 48.95          | 3.1                    | 0.35      |

**802.11ax OFDMA-(242 Tone)**

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | ax20 | 5180            | Ant1    | 48.98          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5200            | Ant1    | 48.95          | 3.1                    | 0.35      |
| NVNT      | ax20 | 5240            | Ant1    | 48.95          | 3.1                    | 0.35      |

