



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Smart phone

Test Model: Smooth Note 6.8

Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.5° C   |
| Relative Humidity: | 52.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li Huan   |





## D.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 19.935                 | 0.5                          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 19.549                 | 0.5                          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 19.881                 | 0.5                          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 19.957                 | 0.5                          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 19.887                 | 0.5                          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 20.124                 | 0.5                          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 40.506                 | 0.5                          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 40.389                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 20.041                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 19.978                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 20.21                  | 0.5                          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 40.189                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 40.783                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 80.705                 | 0.5                          | Pass    |



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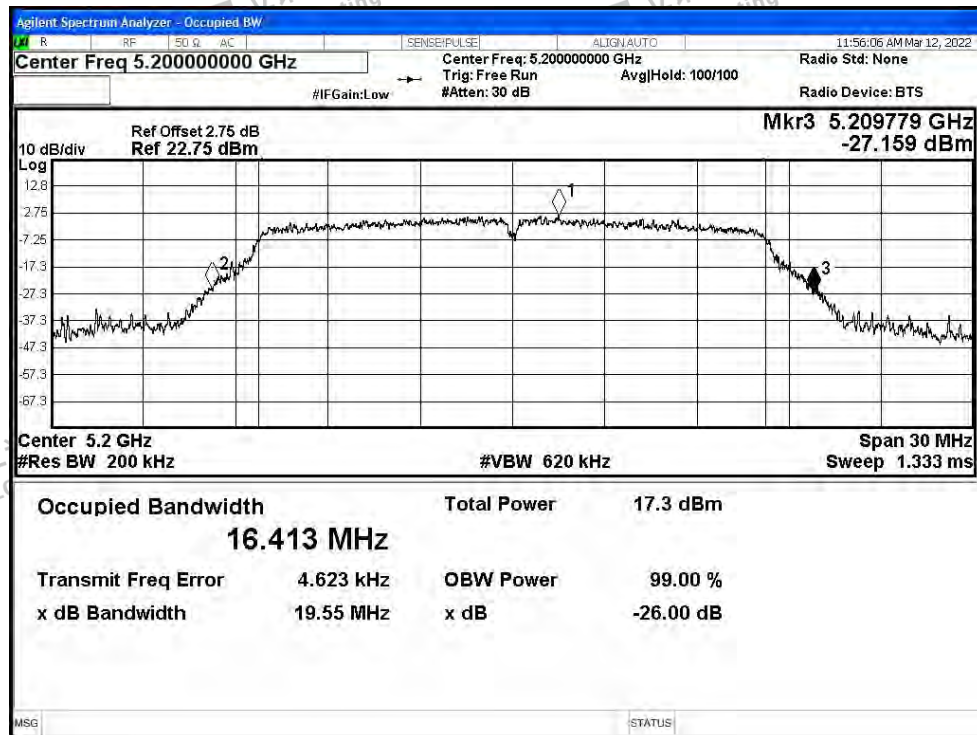
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## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



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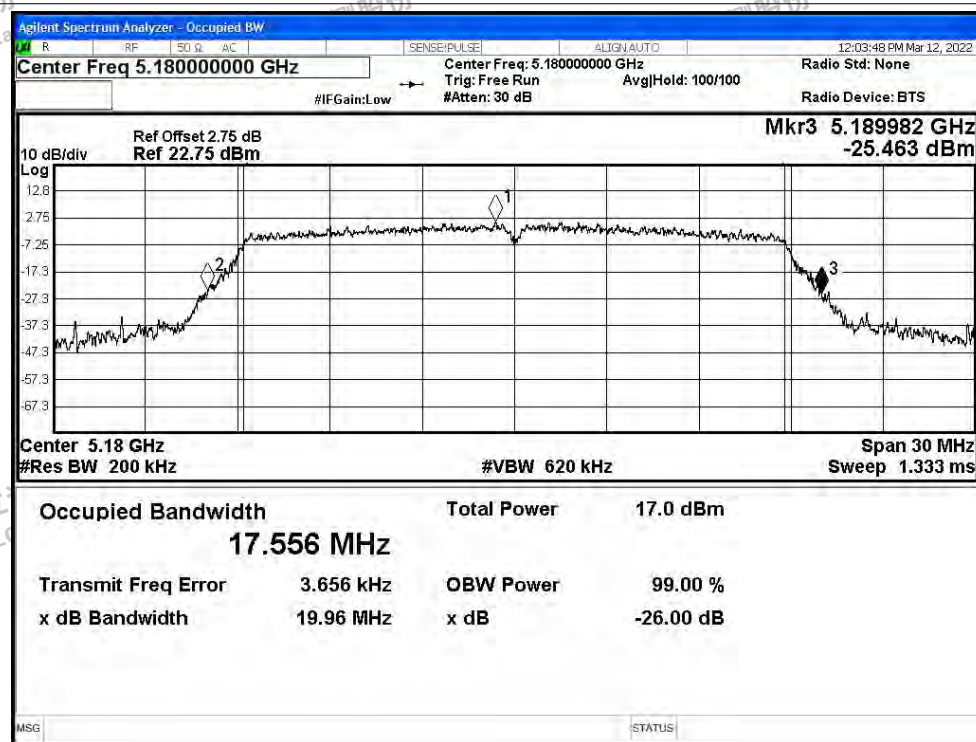
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## -26dB Bandwidth NVNT a 5240MHz Ant1



## -26dB Bandwidth NVNT n20 5180MHz Ant1



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## -26dB Bandwidth NVNT n20 5200MHz Ant1



## -26dB Bandwidth NVNT n20 5240MHz Ant1



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## -26dB Bandwidth NVNT n40 5190MHz Ant1



## -26dB Bandwidth NVNT n40 5230MHz Ant1



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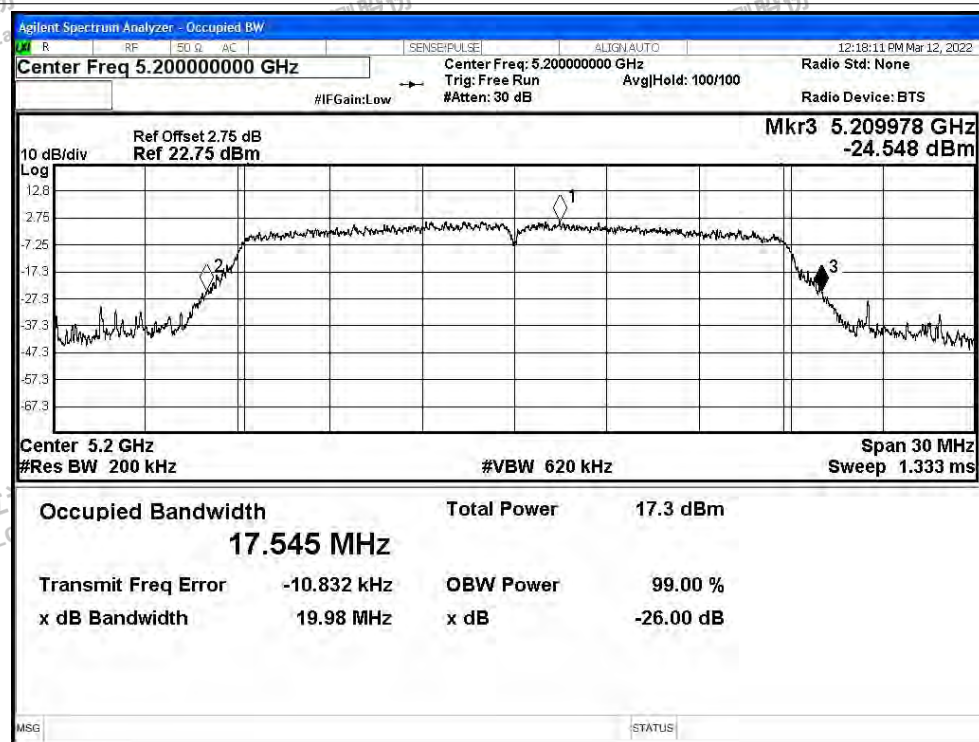
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## -26dB Bandwidth NVNT ac20 5180MHz Ant1



## -26dB Bandwidth NVNT ac20 5200MHz Ant1



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## -26dB Bandwidth NVNT ac20 5240MHz Ant1



## -26dB Bandwidth NVNT ac40 5190MHz Ant1



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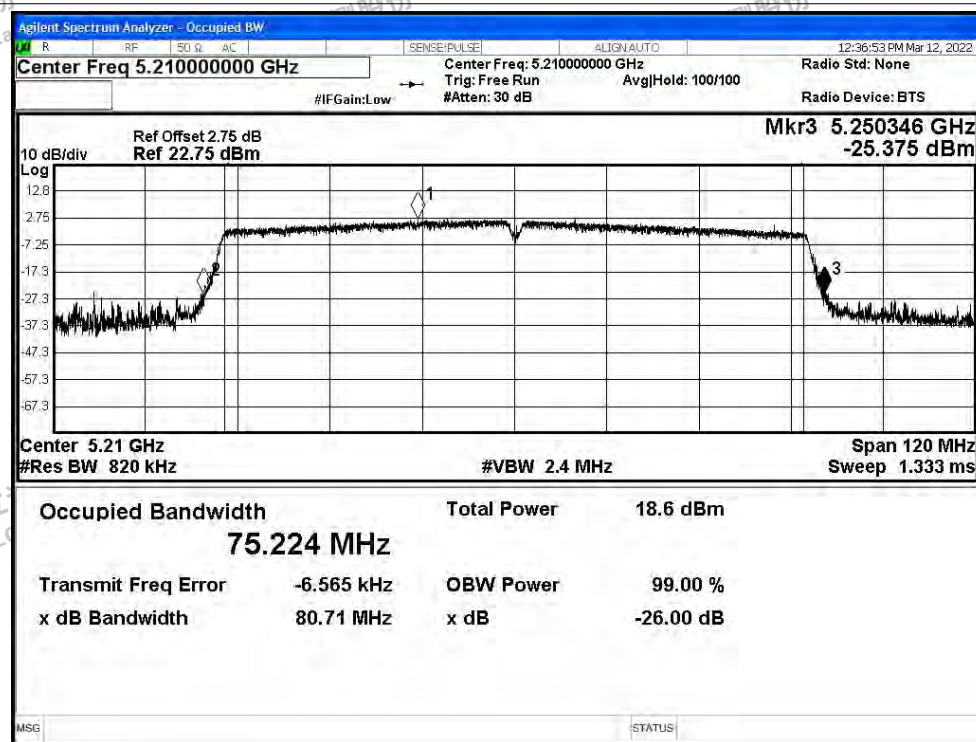
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## -26dB Bandwidth NVNT ac40 5230MHz Ant1



## -26dB Bandwidth NVNT ac80 5210MHz Ant1



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## D.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    | 12.02                 | 0                | 12.02             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 11.93                 | 0                | 11.93             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 11.29                 | 0                | 11.29             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 11.75                 | 0                | 11.75             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 11.48                 | 0                | 11.48             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 11.77                 | 0                | 11.77             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 12.14                 | 0                | 12.14             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 11.76                 | 0                | 11.76             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 12.08                 | 0                | 12.08             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 11.99                 | 0                | 11.99             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 11.81                 | 0                | 11.81             | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 11.98                 | 0                | 11.98             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 11.76                 | 0                | 11.76             | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 11.99                 | 0                | 11.99             | 24          | Pass    |



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### D.3 Power Spectral Density

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 0.53                | 0                | 0.53            | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 0.14                | 0                | 0.14            | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | -0.31               | 0                | -0.31           | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 0.03                | 0                | 0.03            | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -0.14               | 0                | -0.14           | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 0.07                | 0                | 0.07            | 11          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -2.63               | 0                | -2.63           | 11          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -2.73               | 0                | -2.73           | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 0.42                | 0                | 0.42            | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 0.24                | 0                | 0.24            | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -0.13               | 0                | -0.13           | 11          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -2.77               | 0                | -2.77           | 11          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -2.86               | 0                | -2.86           | 11          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -5.69               | 0                | -5.69           | 11          | Pass    |



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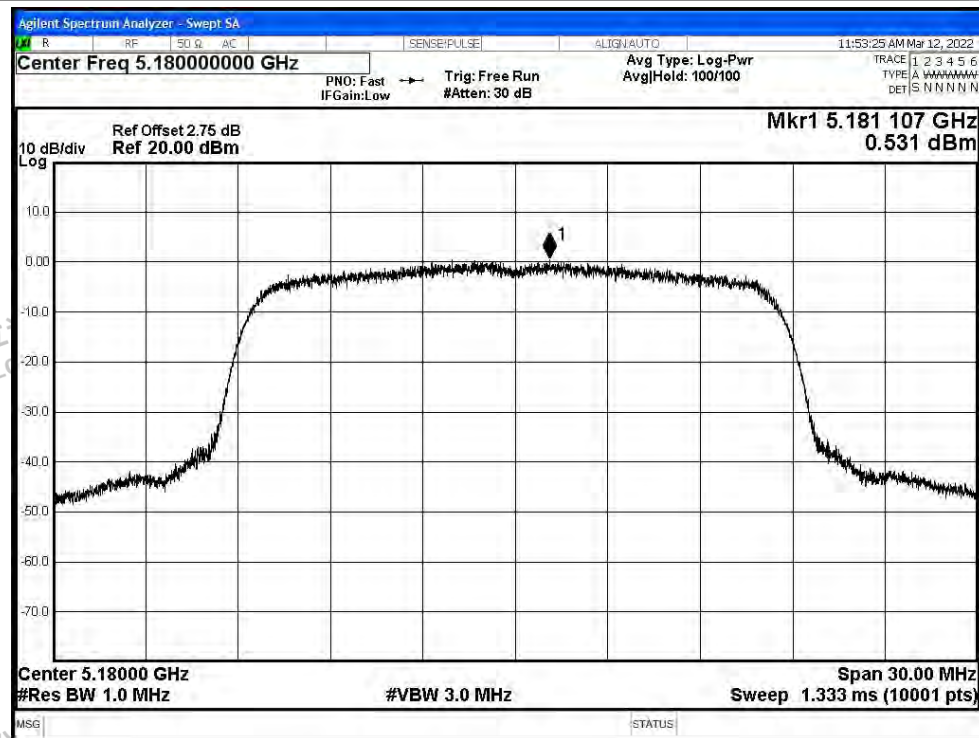
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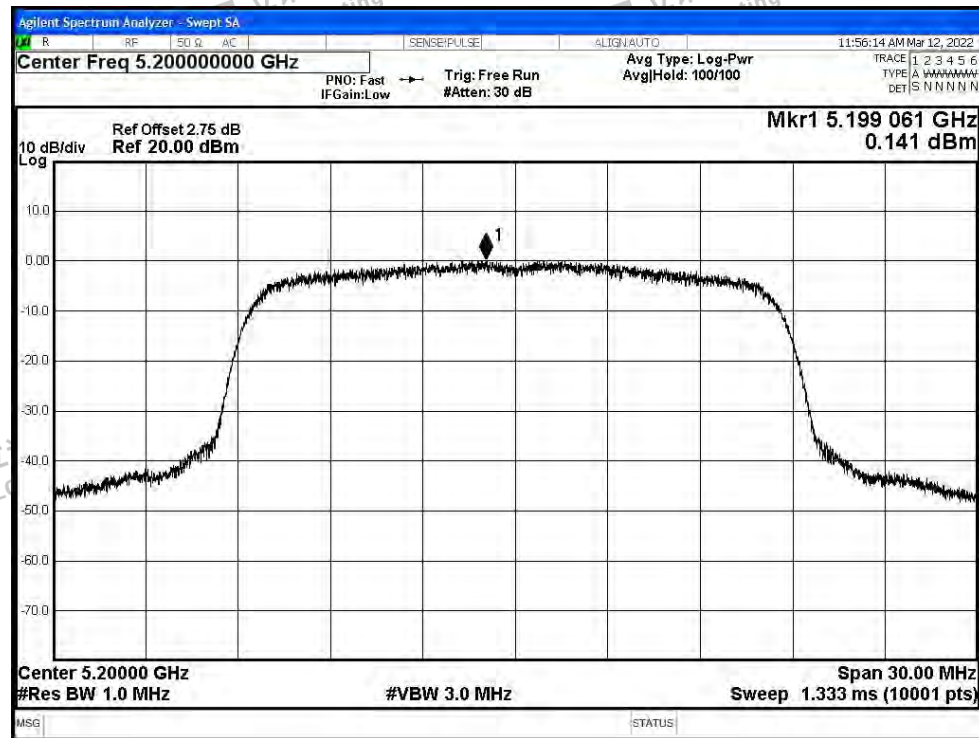


## Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



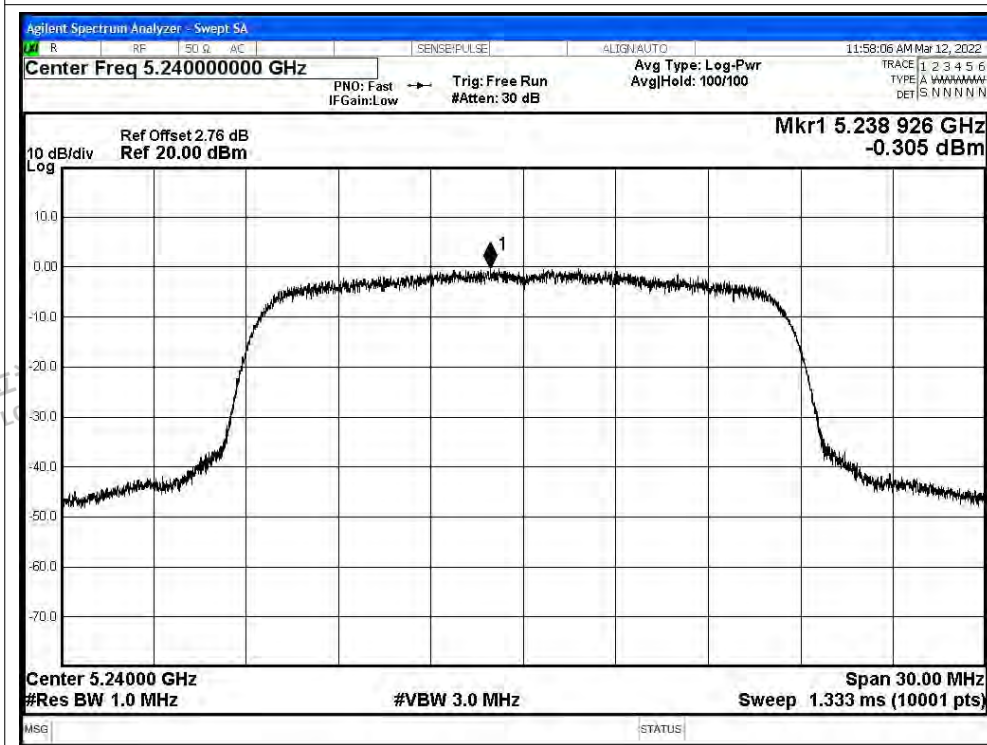
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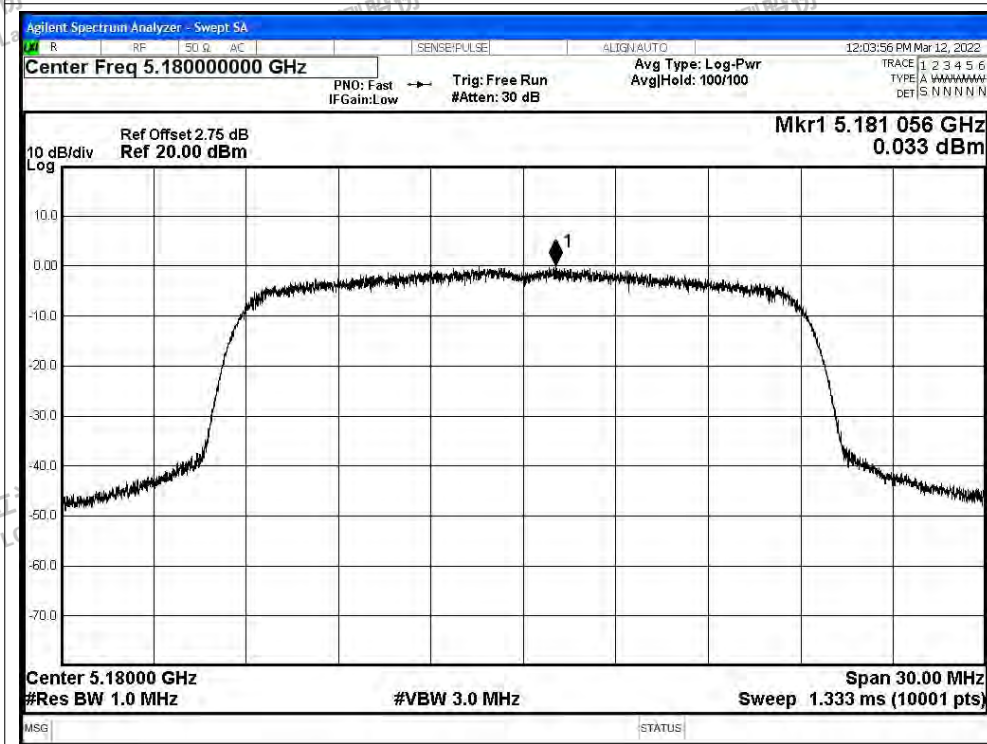
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PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

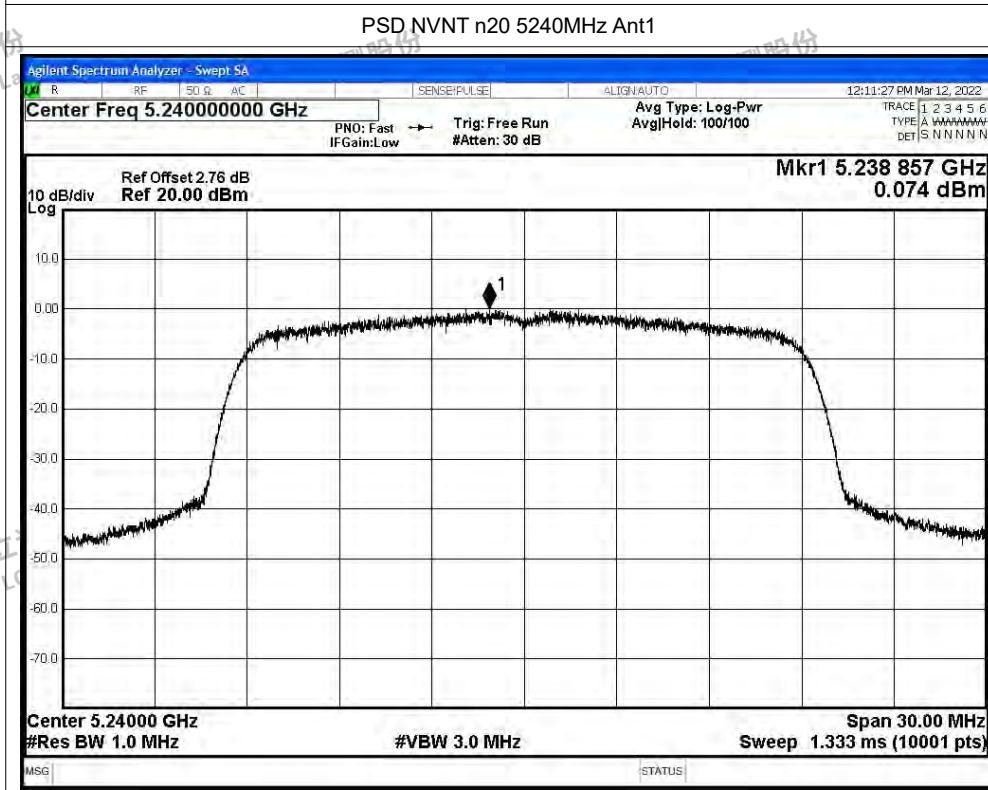
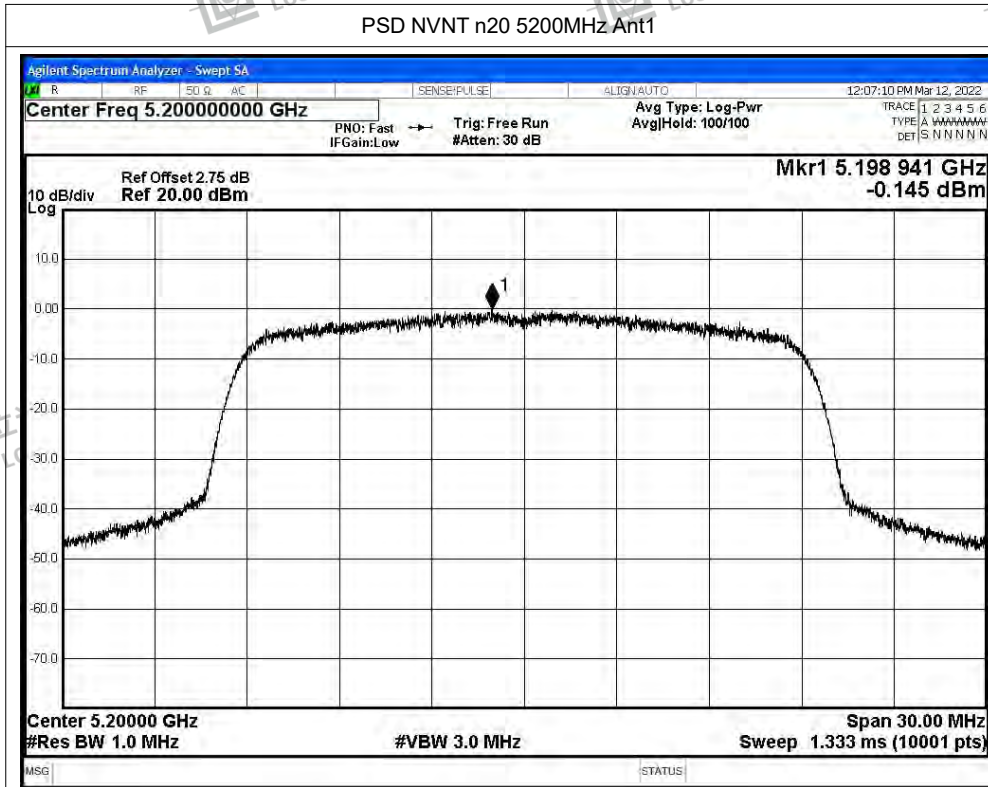


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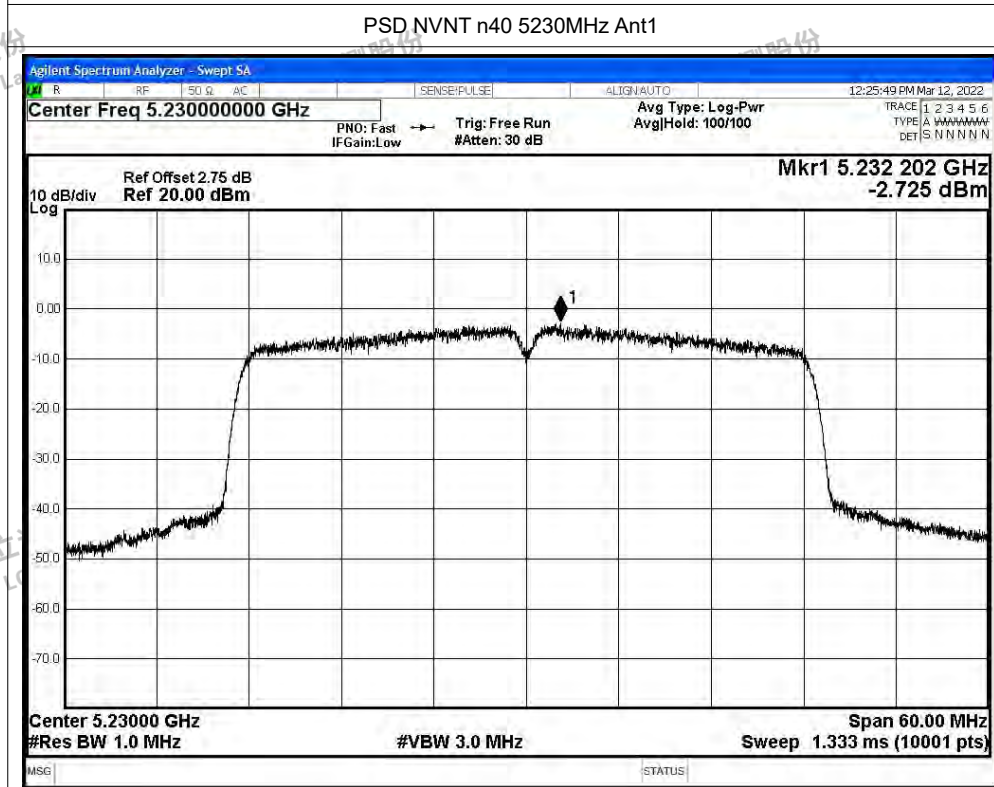
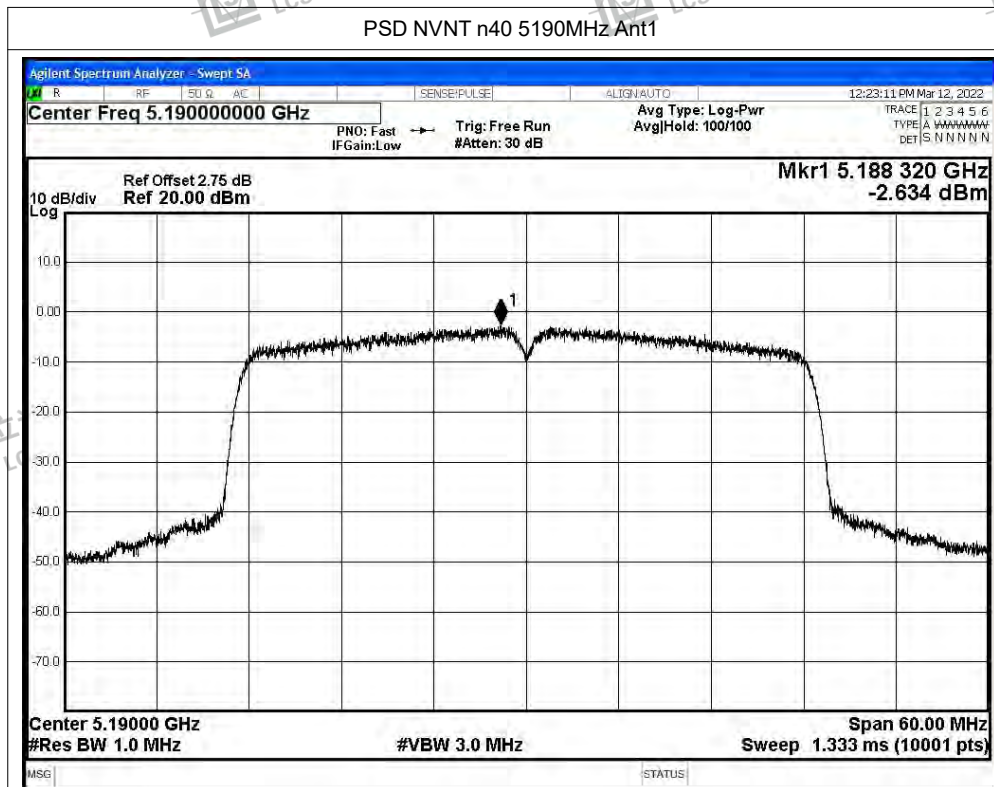


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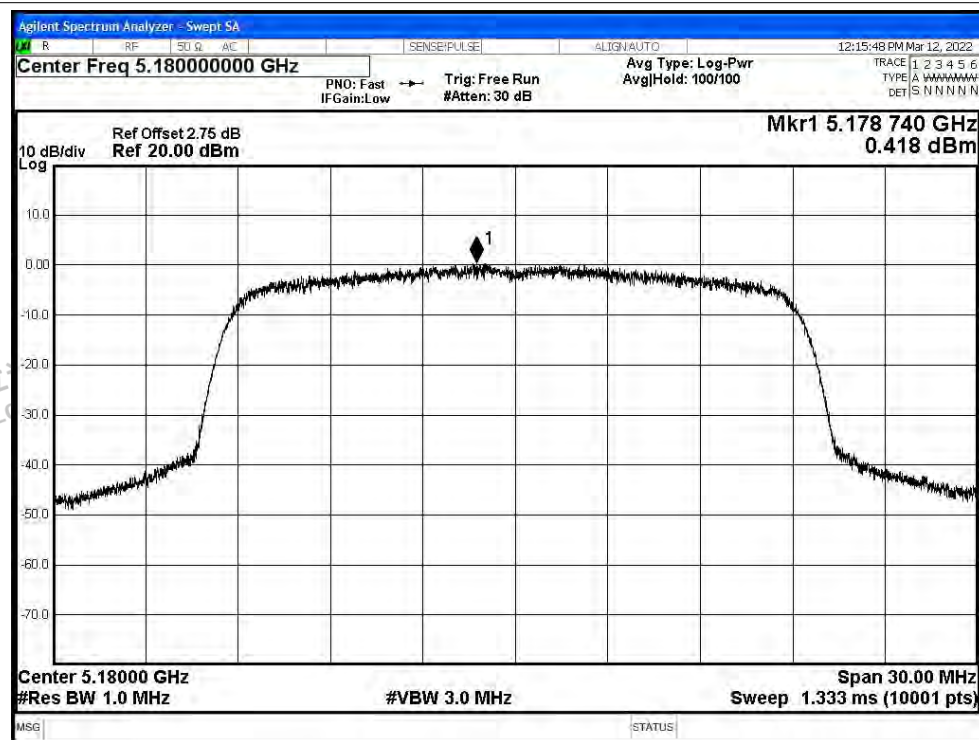
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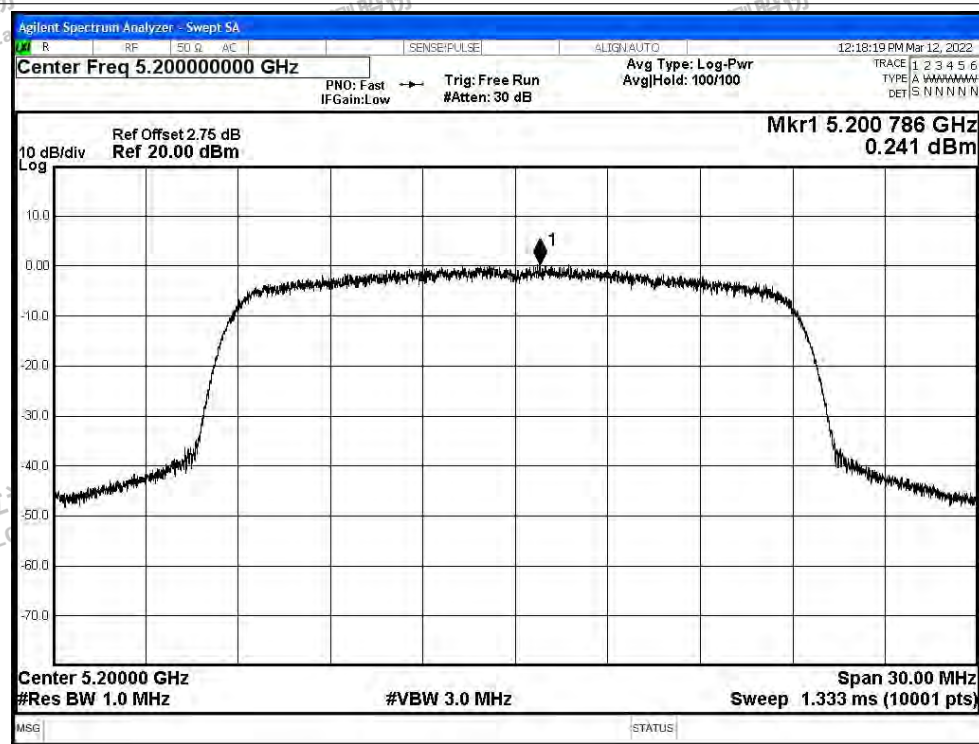
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PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



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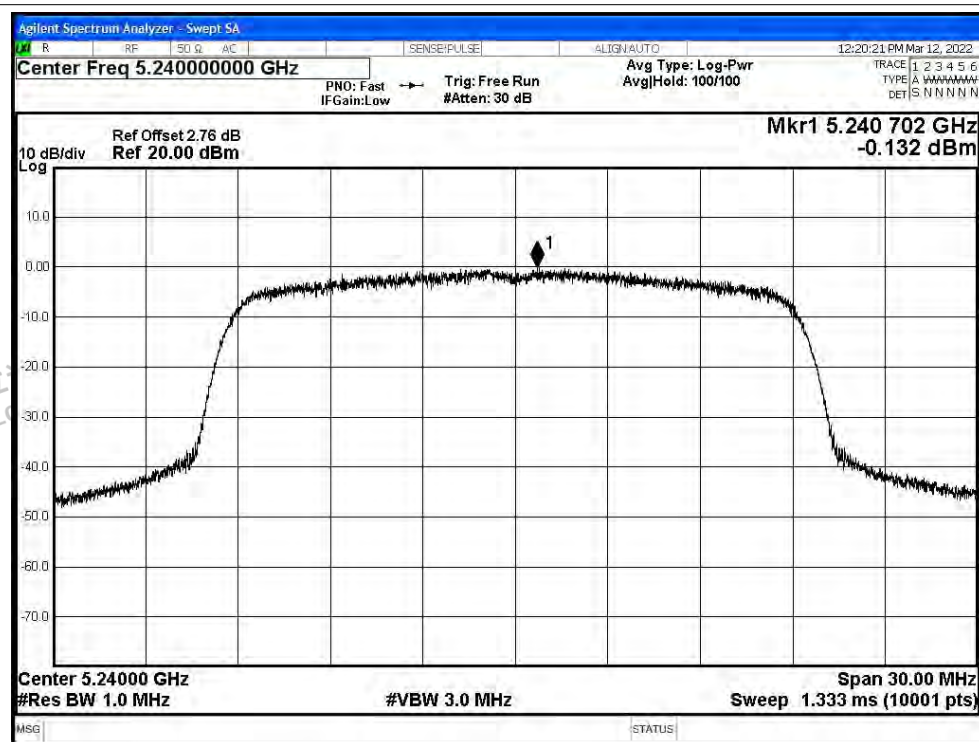
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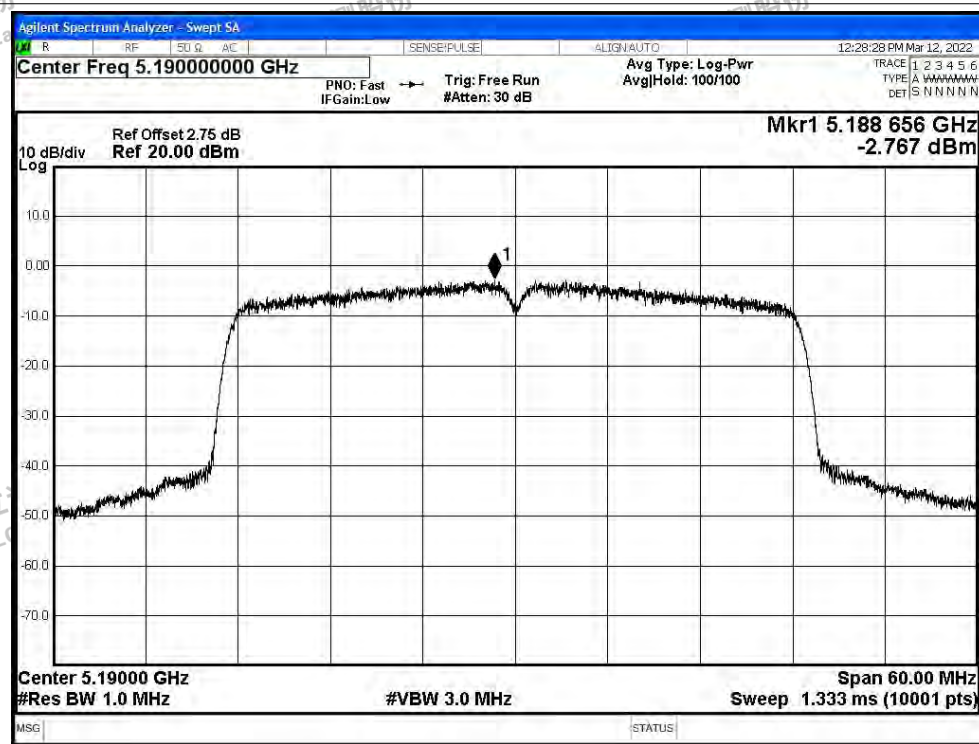
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PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



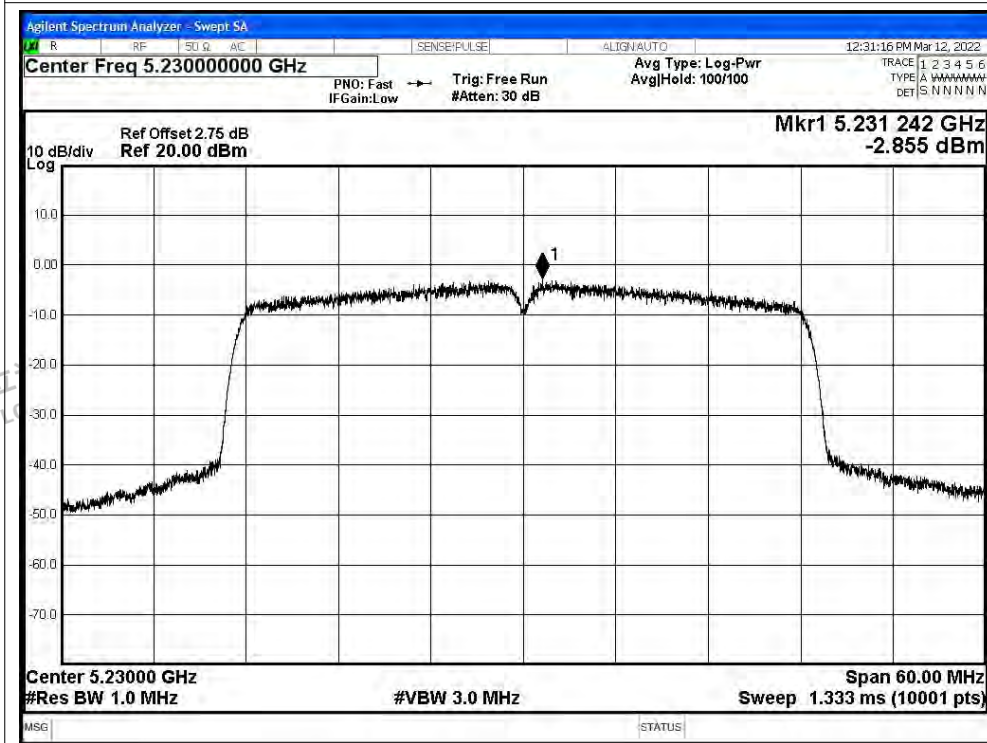
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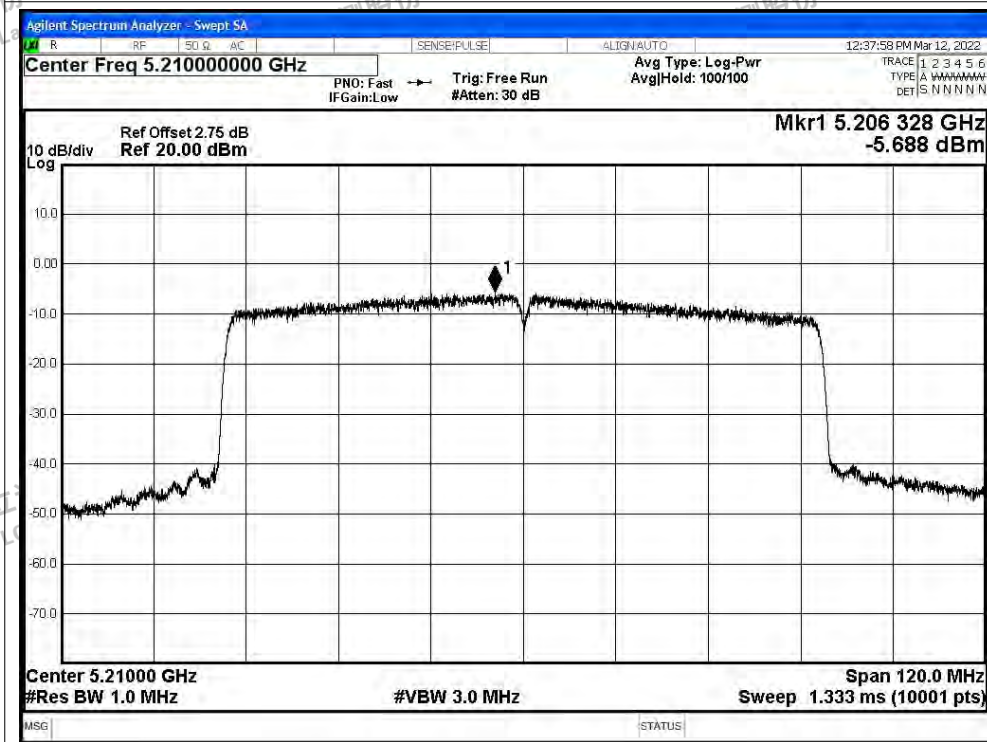
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PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1



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## D.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | a    | 5180            | Ant1    | 4500            | -50.52      | 2          | 46.71      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4500            | -60.78      | 2          | 36.45      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5148.2          | -36.58      | 2          | 60.65      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -54.29      | 2          | 42.94      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -36.46      | 2          | 60.77      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -54.21      | 2          | 43.02      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -49.06      | 2          | 48.17      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -58.59      | 2          | 38.64      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5366.88         | -46.58      | 2          | 50.65      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5361.36         | -58.31      | 2          | 38.92      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -49.72      | 2          | 47.51      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -59.69      | 2          | 37.54      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -51.7       | 2          | 45.53      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -60.59      | 2          | 36.64      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5147.5          | -40.57      | 2          | 56.66      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5149.6          | -54.22      | 2          | 43.01      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -41.45      | 2          | 55.78      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -54.41      | 2          | 42.82      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -47.58      | 2          | 49.65      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -58.45      | 2          | 38.78      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5389.2          | -46.09      | 2          | 51.14      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5361.84         | -58.26      | 2          | 38.97      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -50.59      | 2          | 46.64      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -59.5       | 2          | 37.73      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -50.13      | 2          | 47.1       | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -60.33      | 2          | 36.9       | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5148.97         | -33.81      | 2          | 63.42      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5149.7          | -52.01      | 2          | 45.22      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -33.95      | 2          | 63.28      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -51.94      | 2          | 45.29      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -48.97      | 2          | 48.26      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -58.26      | 2          | 38.97      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5373.33         | -46.16      | 2          | 51.07      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350.92         | -57.73      | 2          | 39.5       | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -49.66      | 2          | 47.57      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -59.15      | 2          | 38.08      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -49.31      | 2          | 47.92      | Peak     | 68.2           | Pass    |



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|      |      |      |      |         |        |   |       |         |      |      |
|------|------|------|------|---------|--------|---|-------|---------|------|------|
| NVNT | ac20 | 5180 | Ant1 | 4500    | -60.37 | 2 | 36.86 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -40.36 | 2 | 56.87 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5148.2  | -53.32 | 2 | 43.91 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -38.82 | 2 | 58.41 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -53.7  | 2 | 43.53 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -48.74 | 2 | 48.49 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -58.28 | 2 | 38.95 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5354.4  | -46.32 | 2 | 50.91 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5352    | -57.98 | 2 | 39.25 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -49.33 | 2 | 47.9  | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -59.4  | 2 | 37.83 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -51.07 | 2 | 46.16 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -60.47 | 2 | 36.76 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5148.24 | -33.73 | 2 | 63.5  | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5148.97 | -51.48 | 2 | 45.75 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -38.19 | 2 | 59.04 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -51.76 | 2 | 45.47 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -48.65 | 2 | 48.58 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -57.87 | 2 | 39.36 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5363.34 | -46.41 | 2 | 50.82 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5353.89 | -57.5  | 2 | 39.73 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -49.12 | 2 | 48.11 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -59.1  | 2 | 38.13 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -48.95 | 2 | 48.28 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -57.47 | 2 | 39.76 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5376.51 | -46.66 | 2 | 50.57 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5354.07 | -56.68 | 2 | 40.55 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -50.42 | 2 | 46.81 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -58.61 | 2 | 38.62 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -52.33 | 2 | 44.9  | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -59.9  | 2 | 37.33 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5132.79 | -31.07 | 2 | 66.16 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5149.38 | -46.56 | 2 | 50.67 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -36.77 | 2 | 60.46 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -45.96 | 2 | 51.27 | Average | 54   | Pass |



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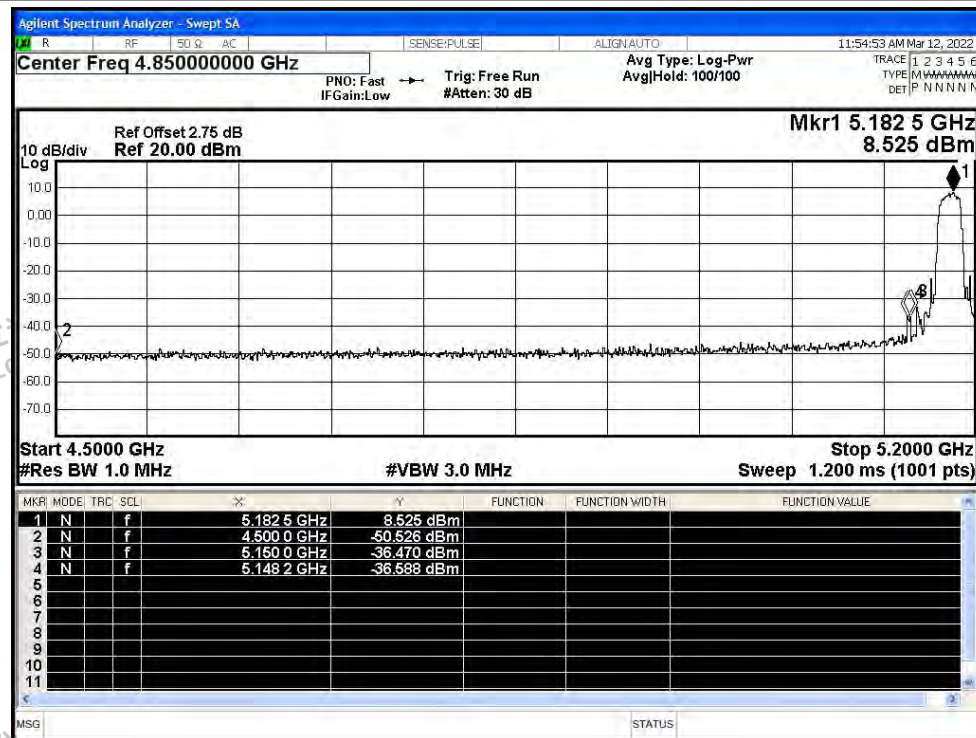
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

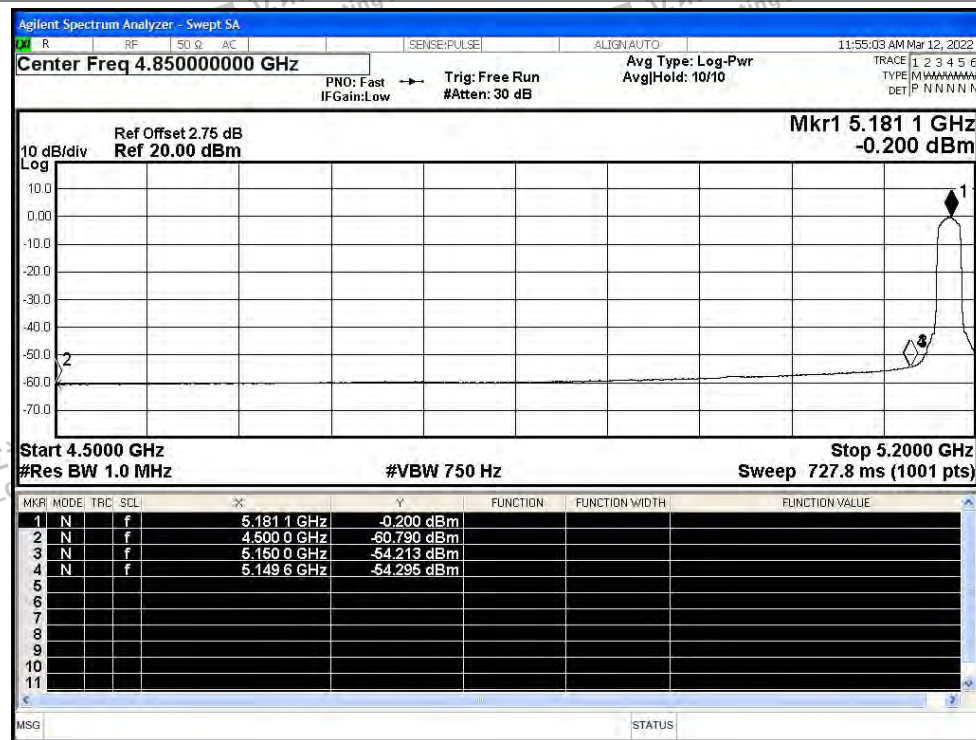
Scan code to check authenticity

## Test Graphs

## Restrict Band NVNT a 5180MHz Ant1 Peak



## Restrict Band NVNT a 5180MHz Ant1 Average



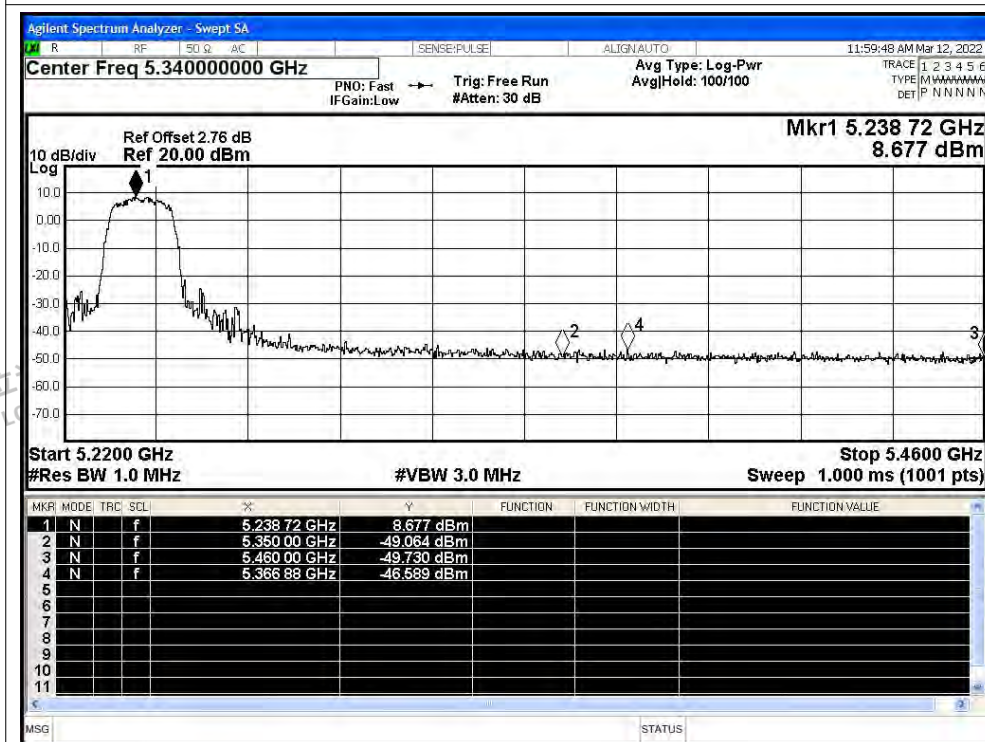
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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

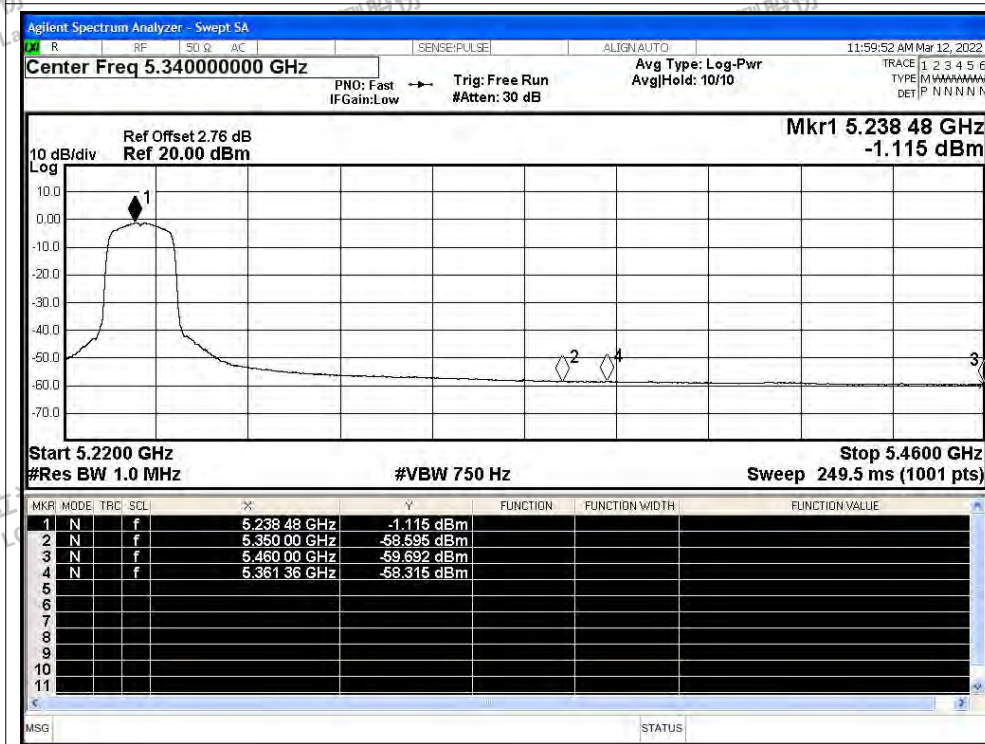
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## Restrict Band NVNT a 5240MHz Ant1 Peak



## Restrict Band NVNT a 5240MHz Ant1 Average



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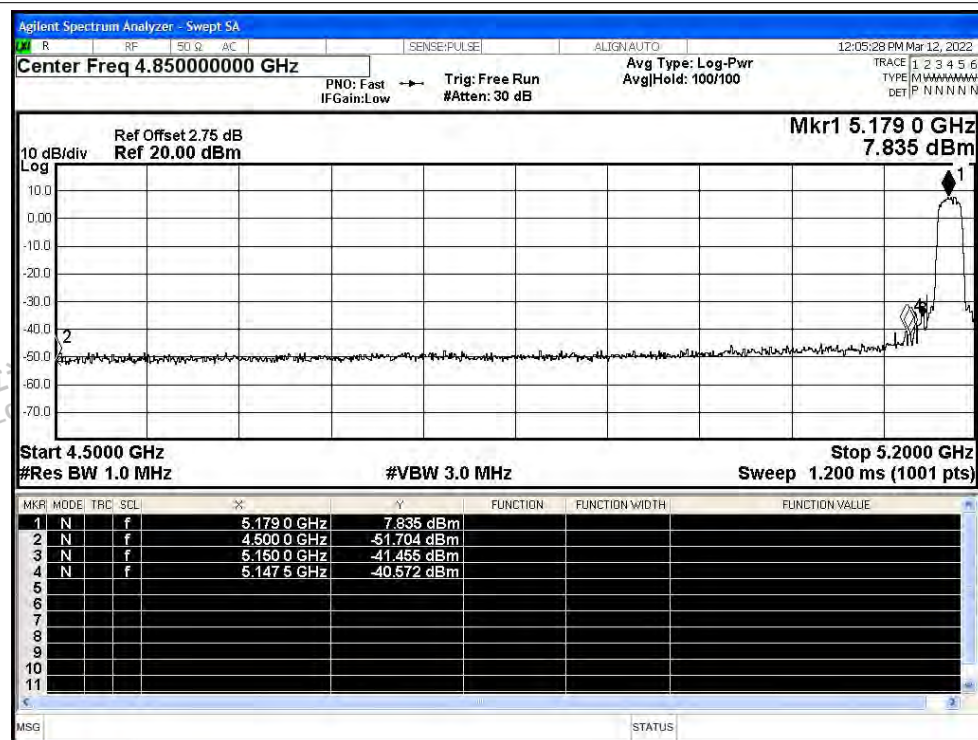
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

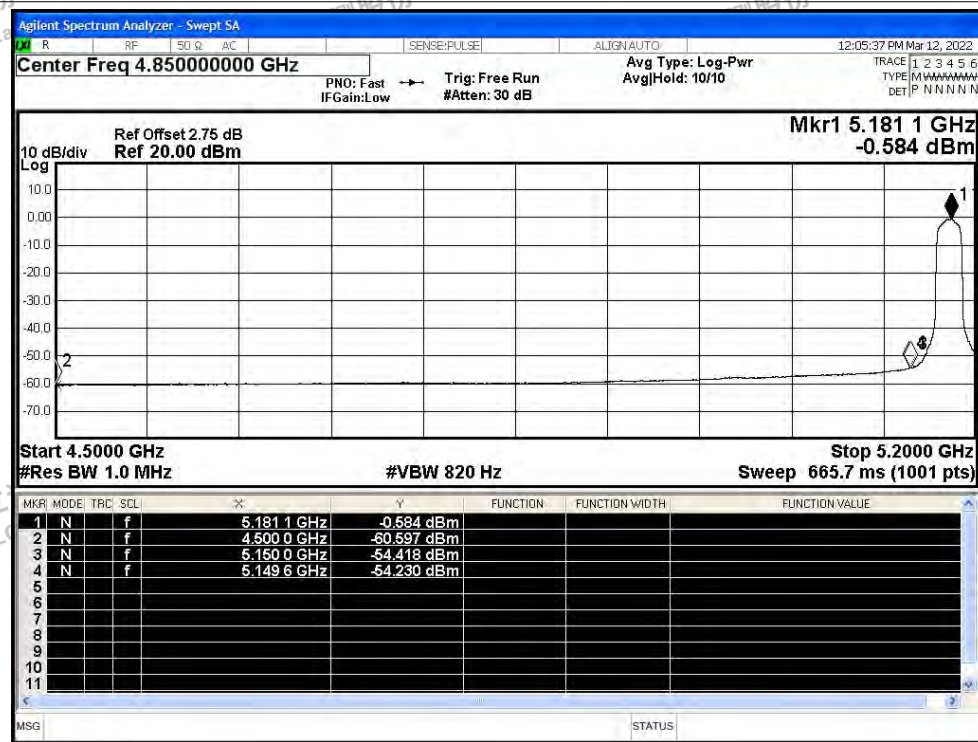
Scan code to check authenticity



## Restrict Band NVNT n20 5180MHz Ant1 Peak



## Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

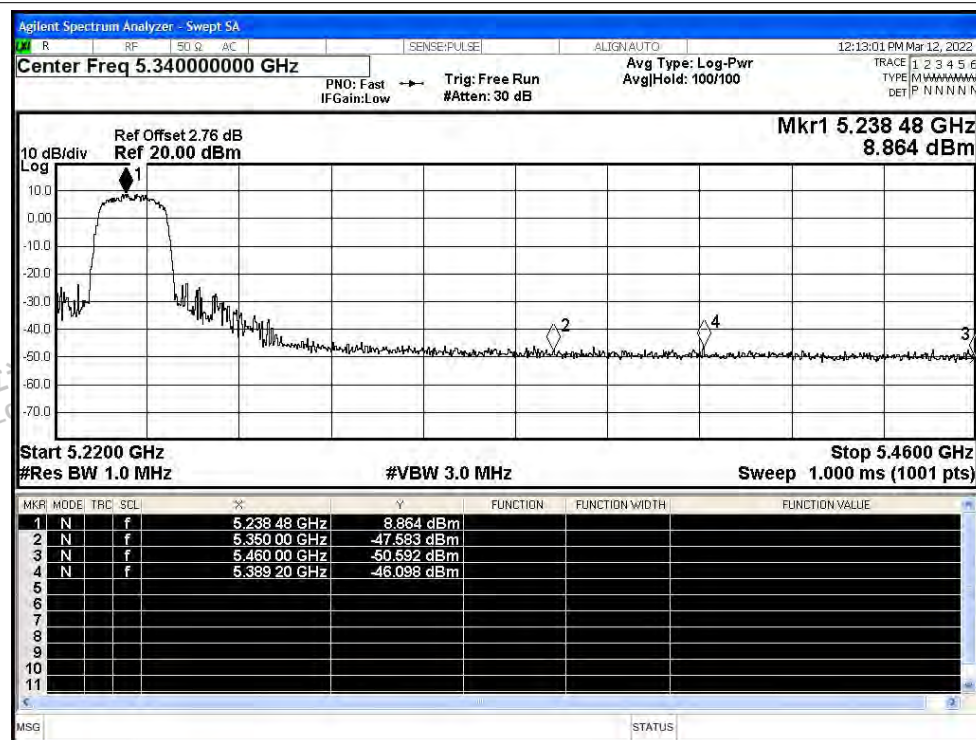
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

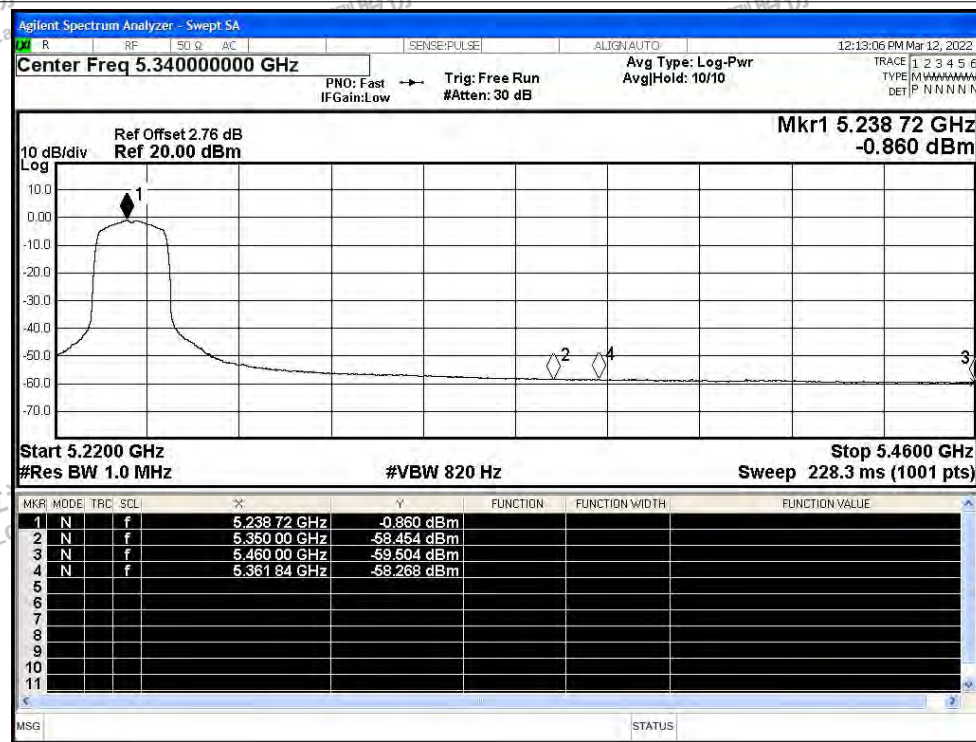
Scan code to check authenticity



## Restrict Band NVNT n20 5240MHz Ant1 Peak



## Restrict Band NVNT n20 5240MHz Ant1 Average



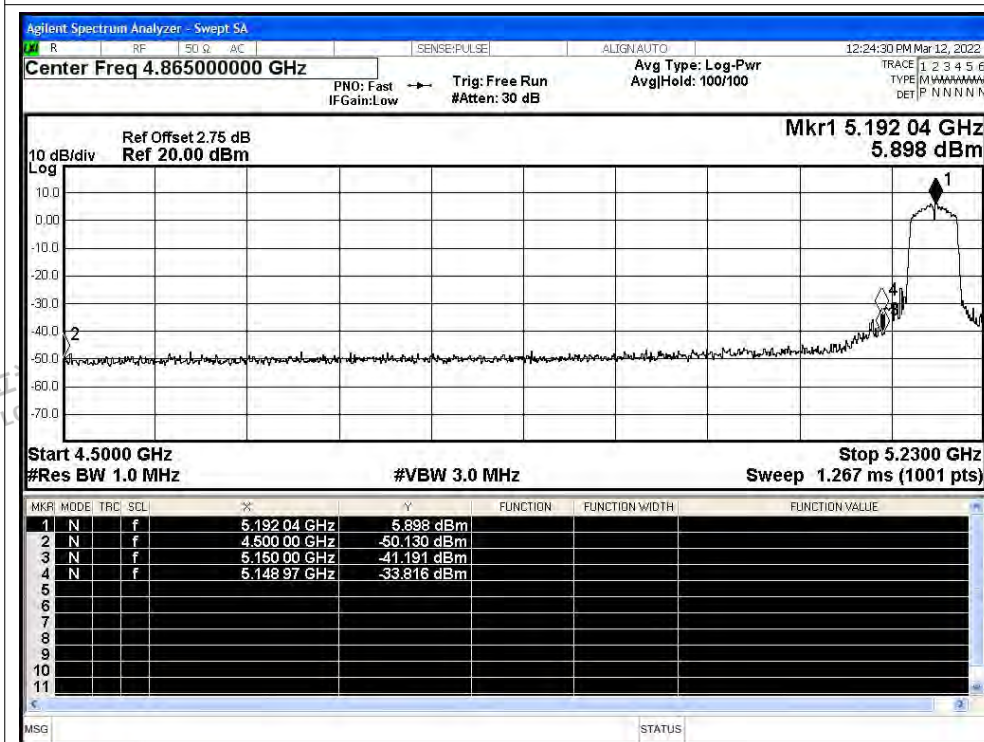
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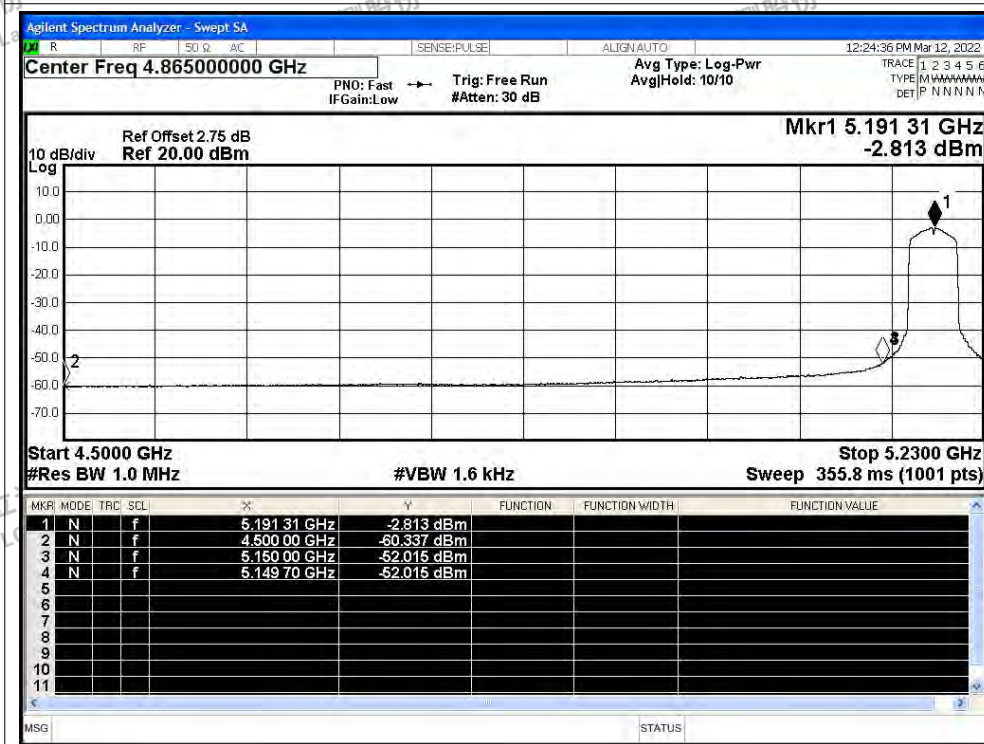
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## Restrict Band NVNT n40 5190MHz Ant1 Peak



## Restrict Band NVNT n40 5190MHz Ant1 Average



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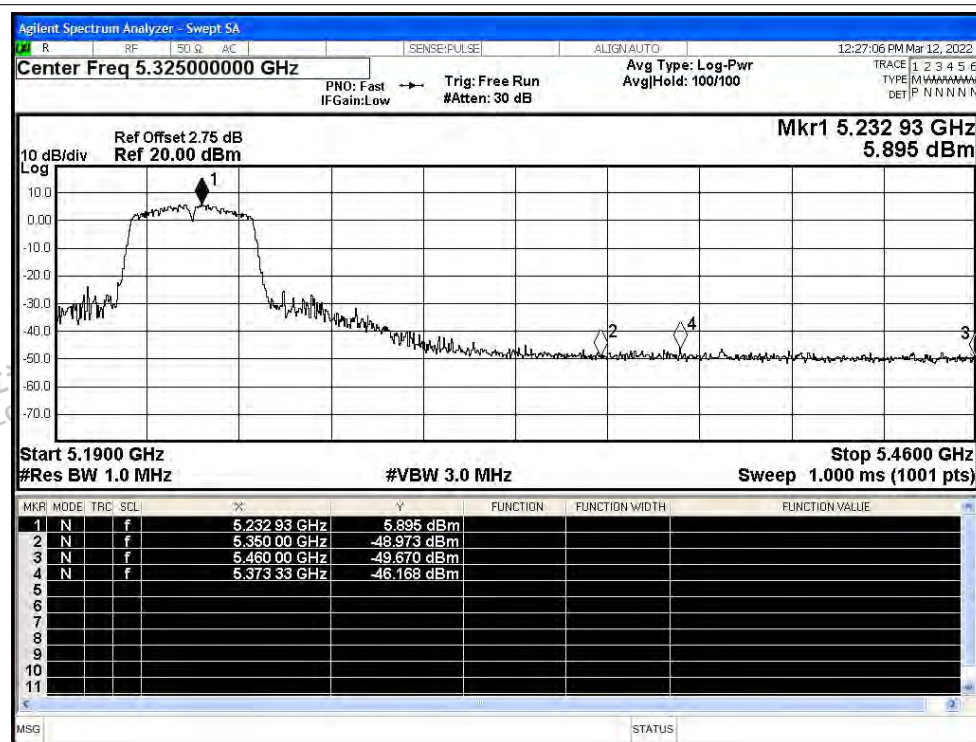
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

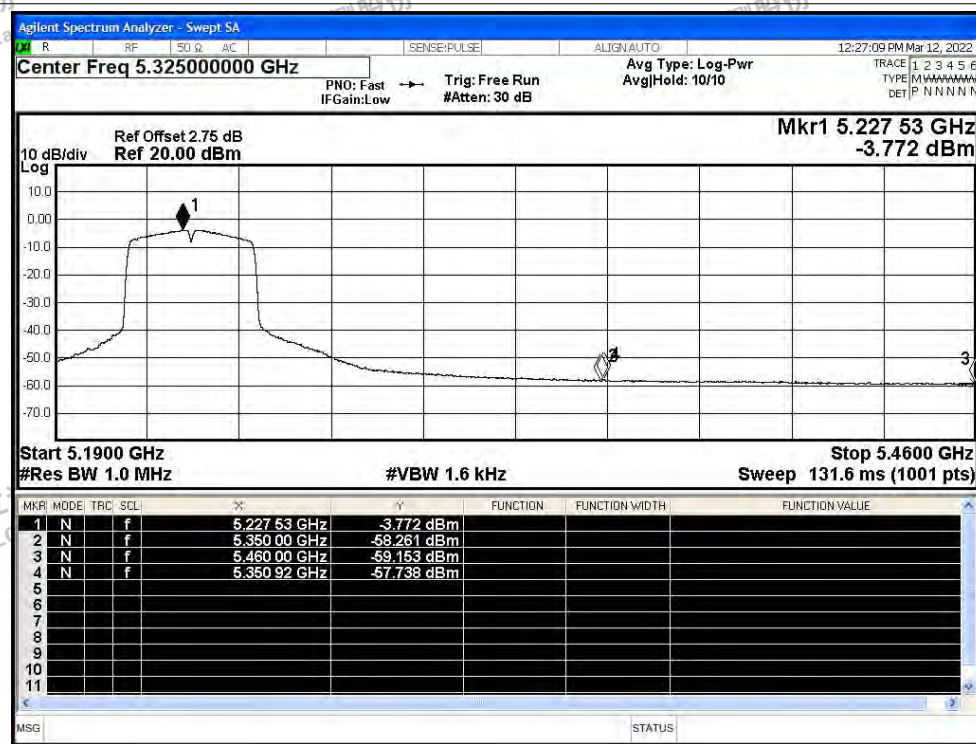
Scan code to check authenticity



## Restrict Band NVNT n40 5230MHz Ant1 Peak



## Restrict Band NVNT n40 5230MHz Ant1 Average



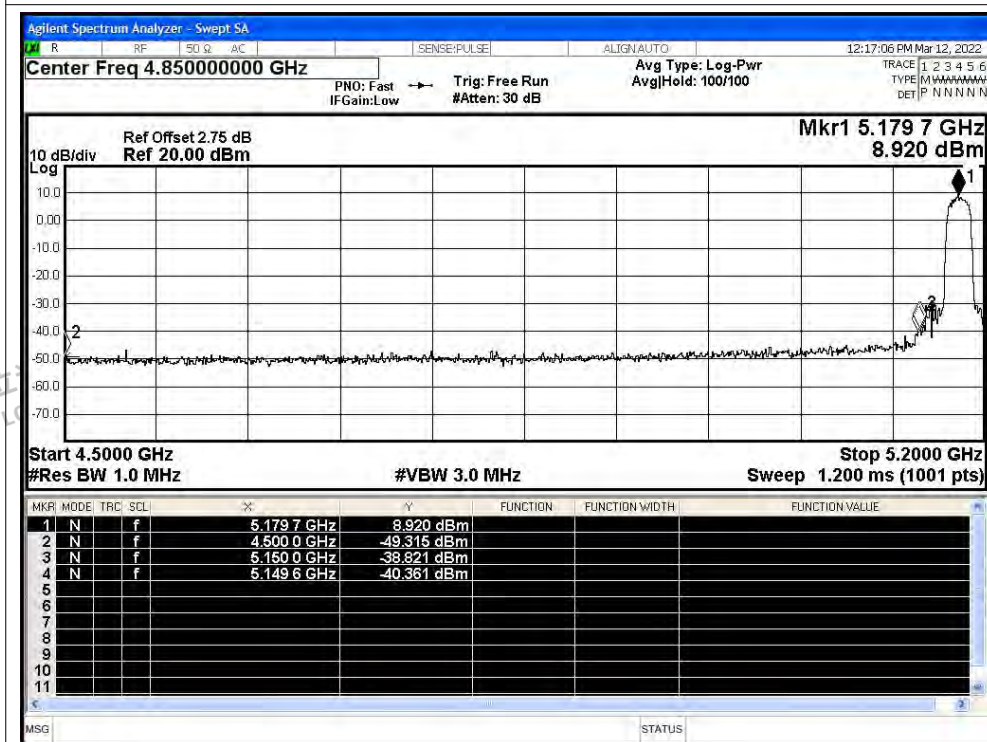
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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

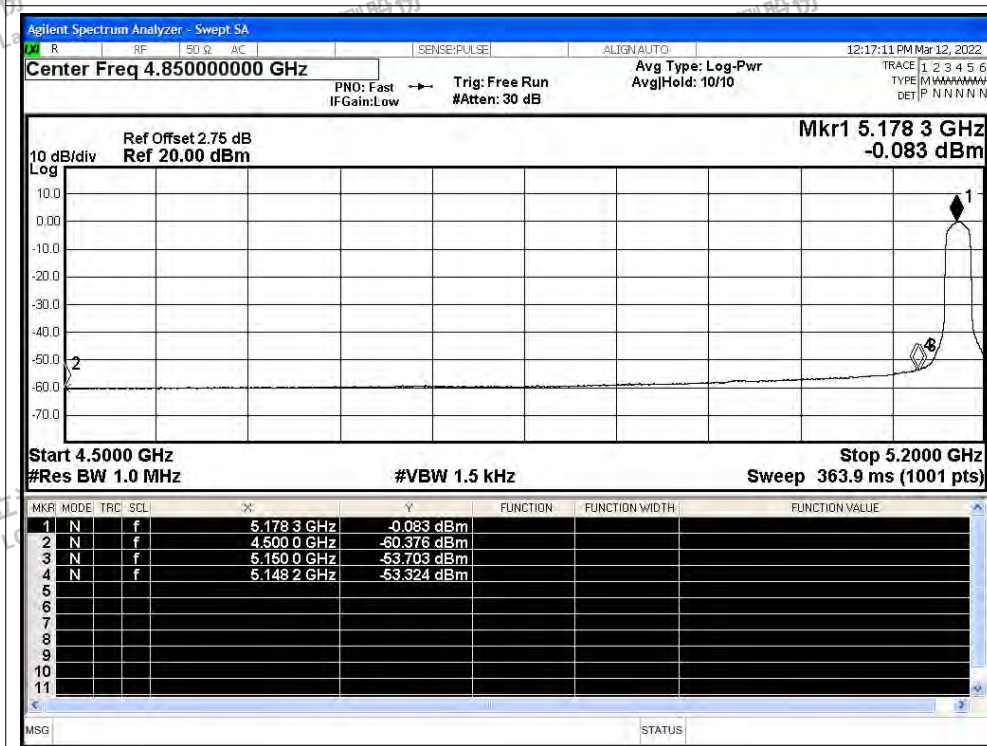
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## Restrict Band NVNT ac20 5180MHz Ant1 Peak



## Restrict Band NVNT ac20 5180MHz Ant1 Average



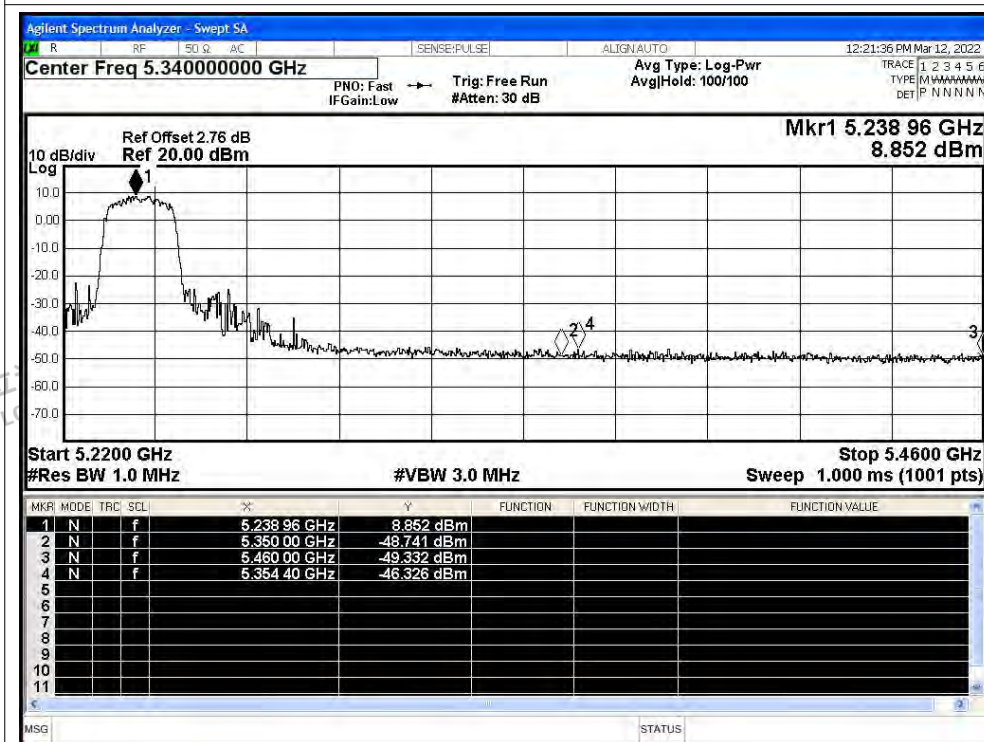
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

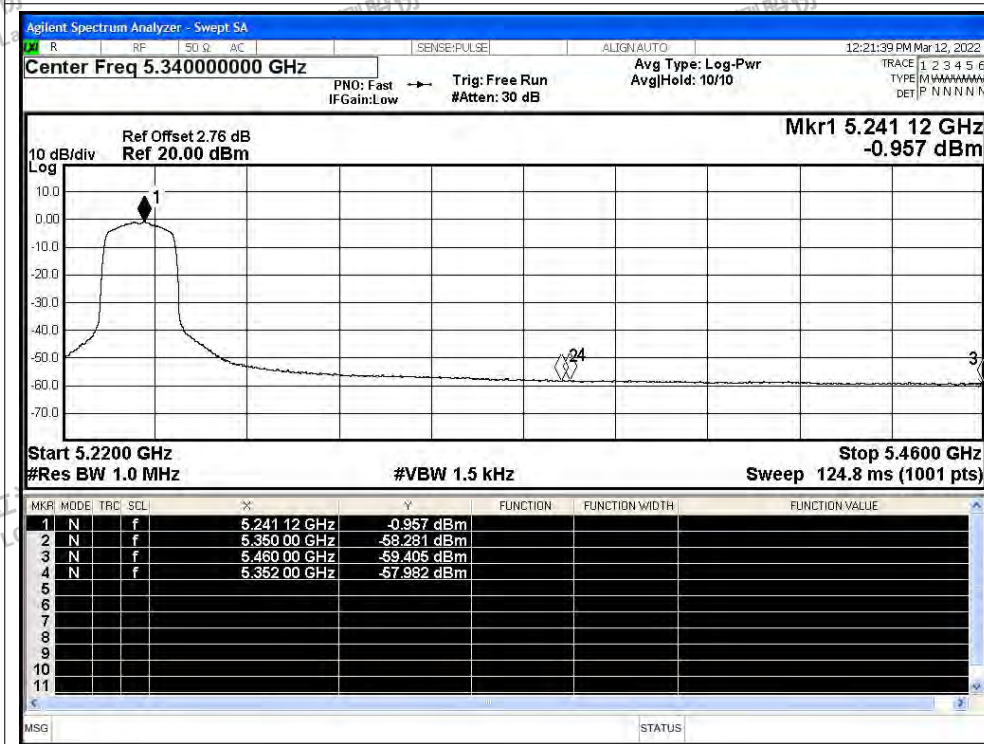
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## Restrict Band NVNT ac20 5240MHz Ant1 Peak



## Restrict Band NVNT ac20 5240MHz Ant1 Average



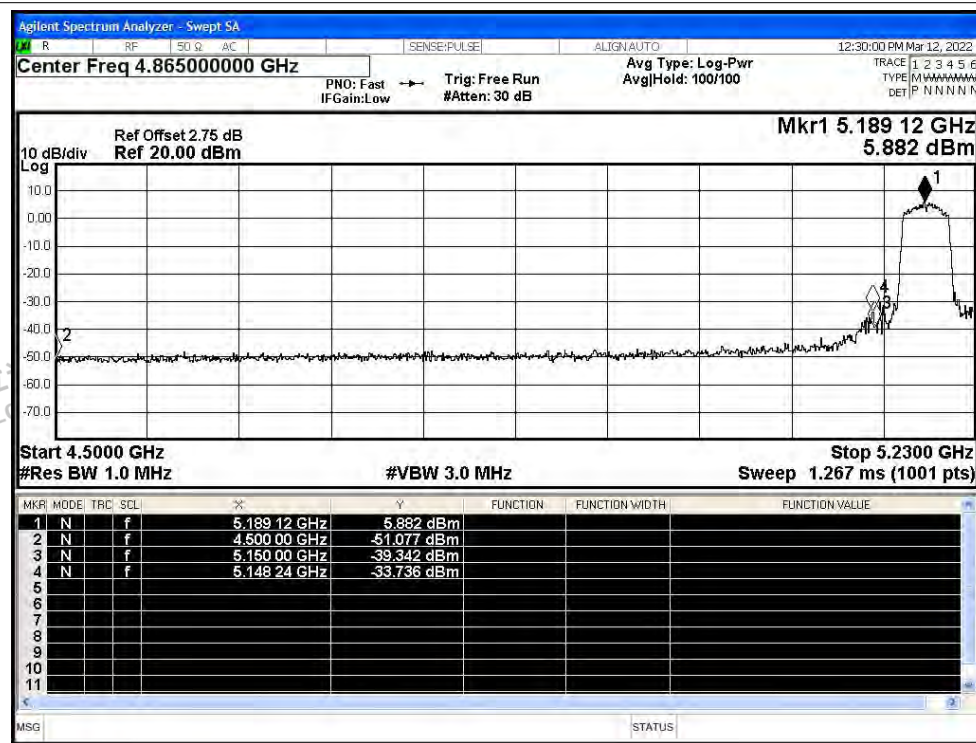
Shenzhen LCS Compliance Testing Laboratory Ltd.

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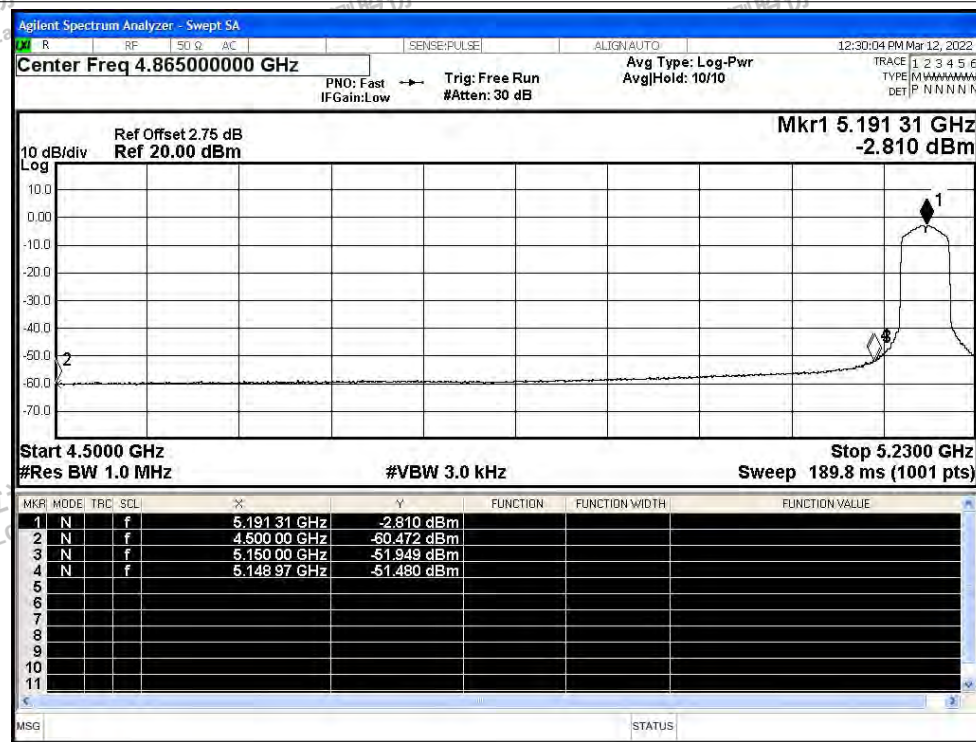
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## Restrict Band NVNT ac40 5190MHz Ant1 Peak



## Restrict Band NVNT ac40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

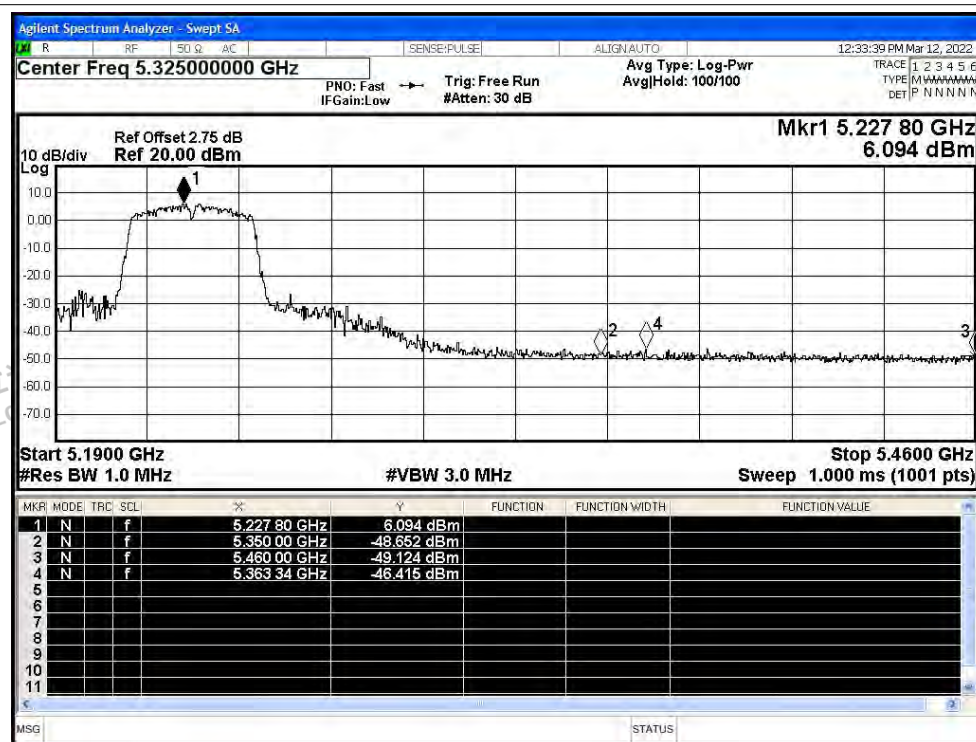
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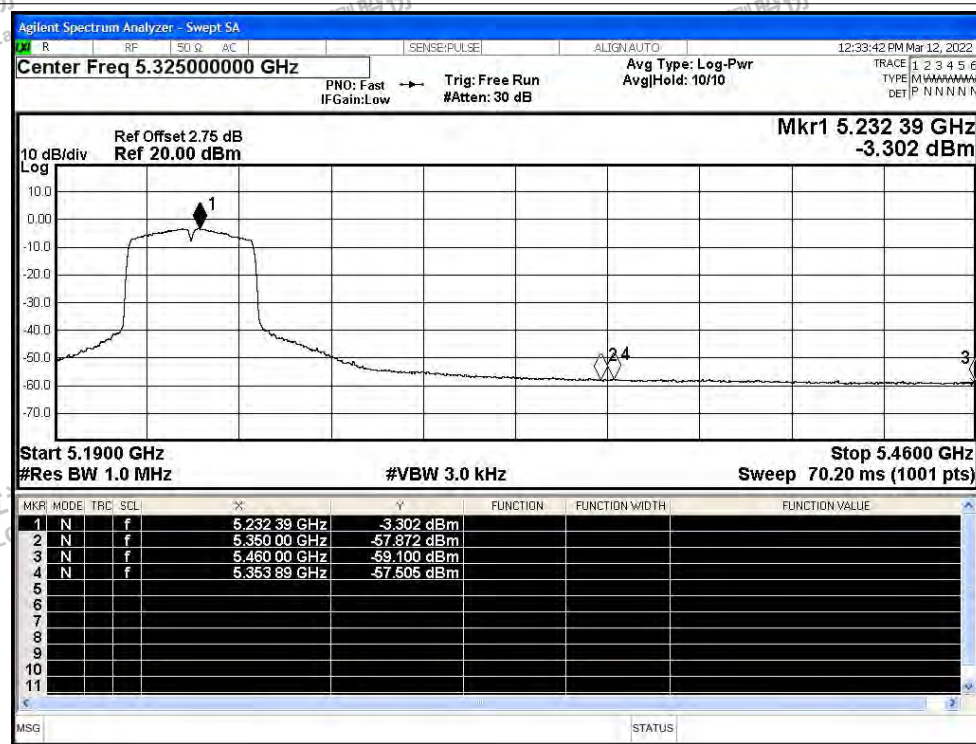
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## Restrict Band NVNT ac40 5230MHz Ant1 Peak



## Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

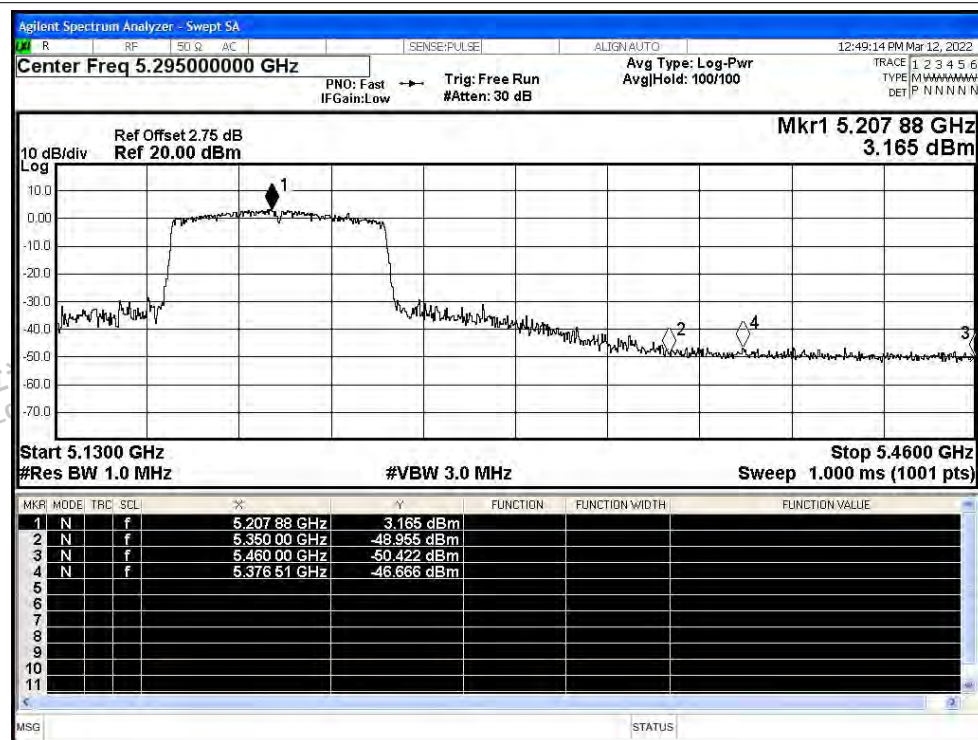
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

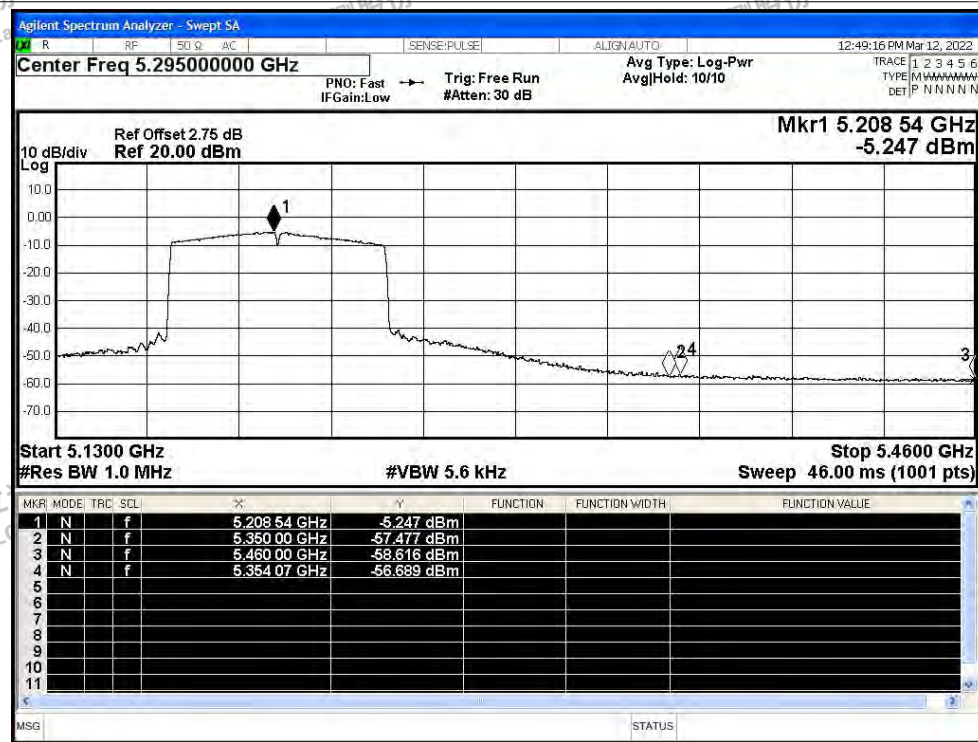
Scan code to check authenticity



## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average



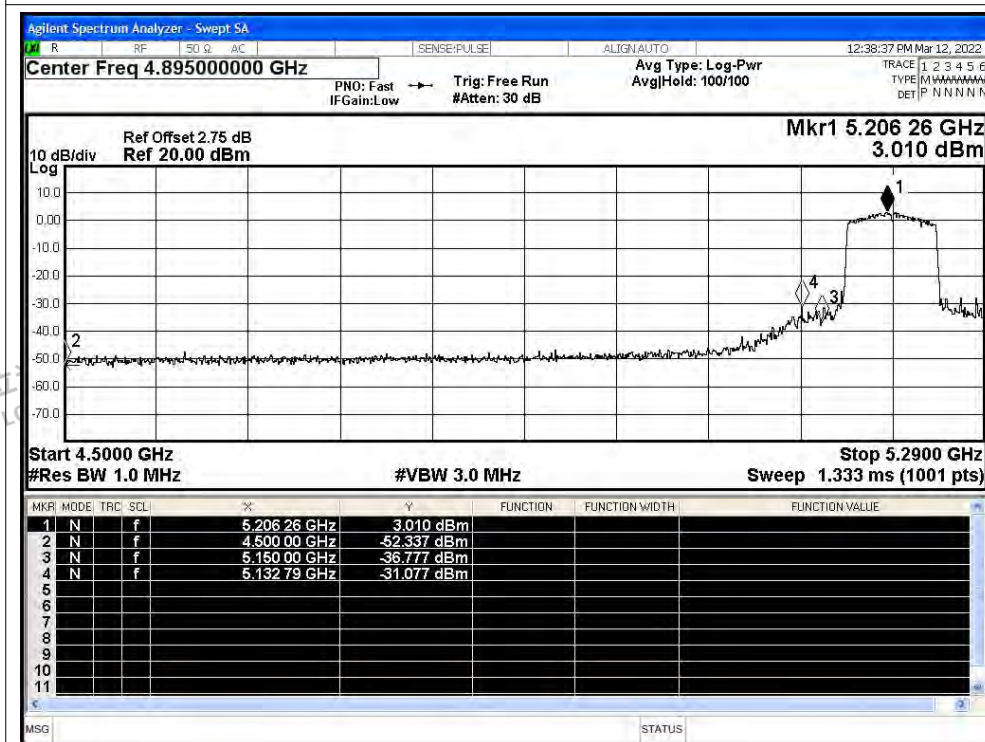
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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

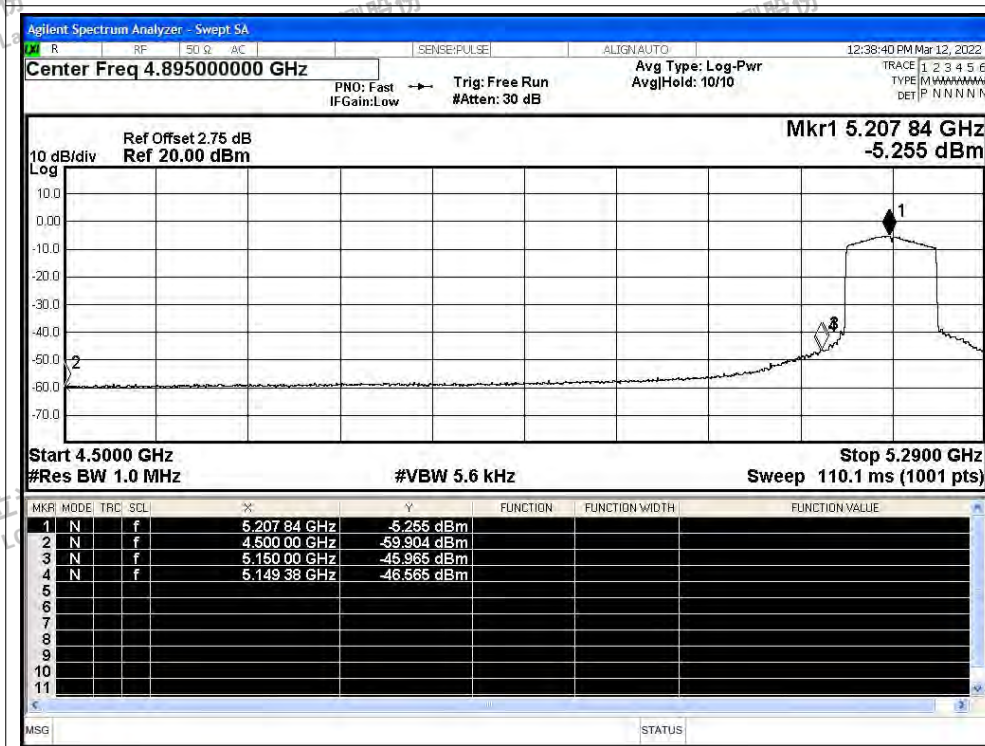
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## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average



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## D.5 Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 5180.02                  | 20000                | 3.86            | 25          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5240                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5189.96                  | -40000               | -7.71           | 25          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5230                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 5189.96                  | -40000               | -7.71           | 25          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 5229.96                  | -40000               | -7.65           | 25          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 5210                     | 0                    | 0               | 25          | Pass    |



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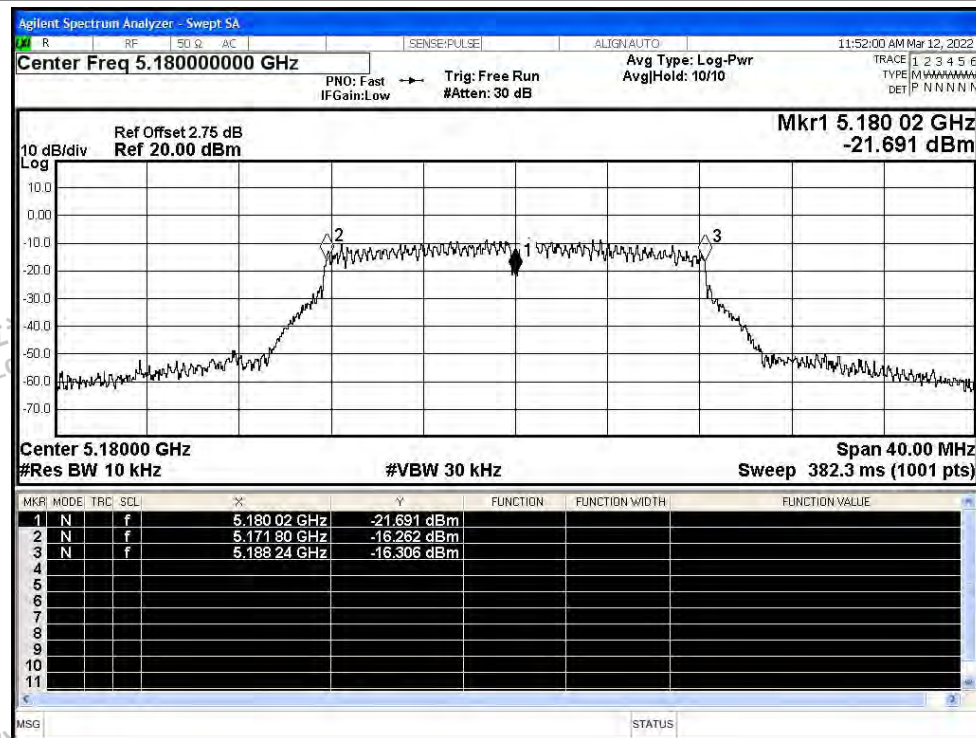
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

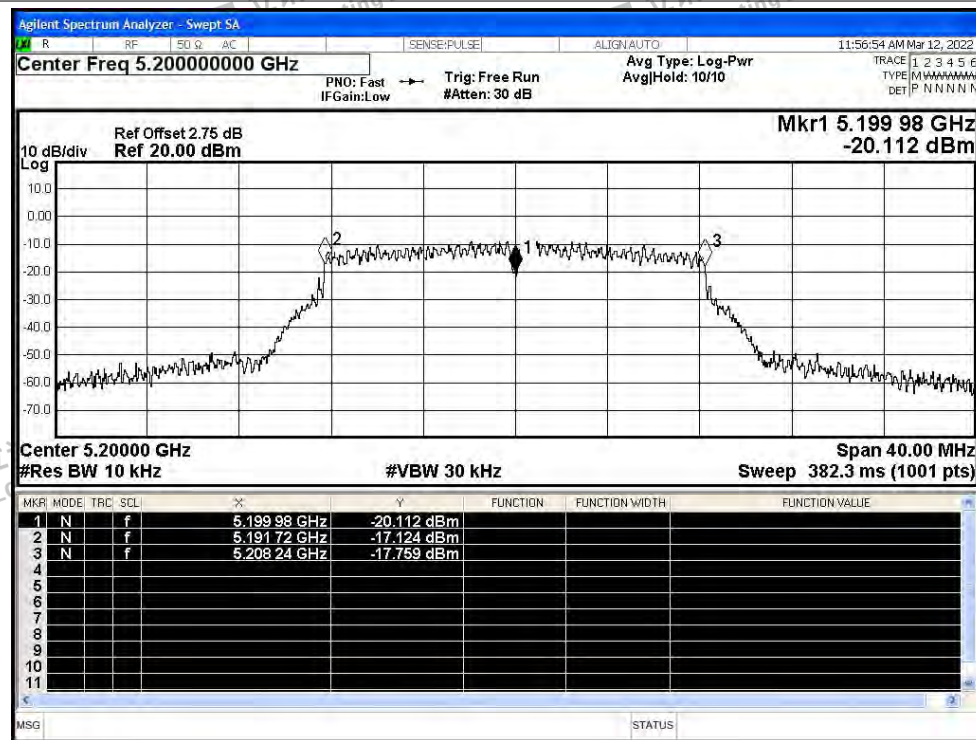
Scan code to check authenticity

## Test Graphs

## Freq. Stability NVNT a 5180MHz Ant1



## Freq. Stability NVNT a 5200MHz Ant1



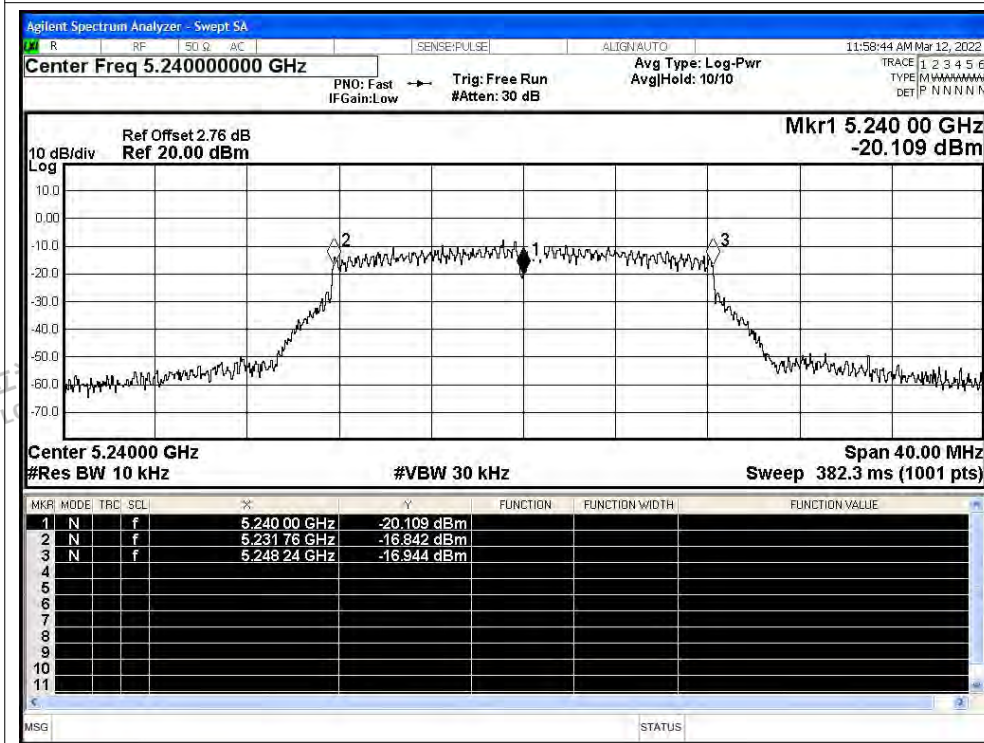
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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

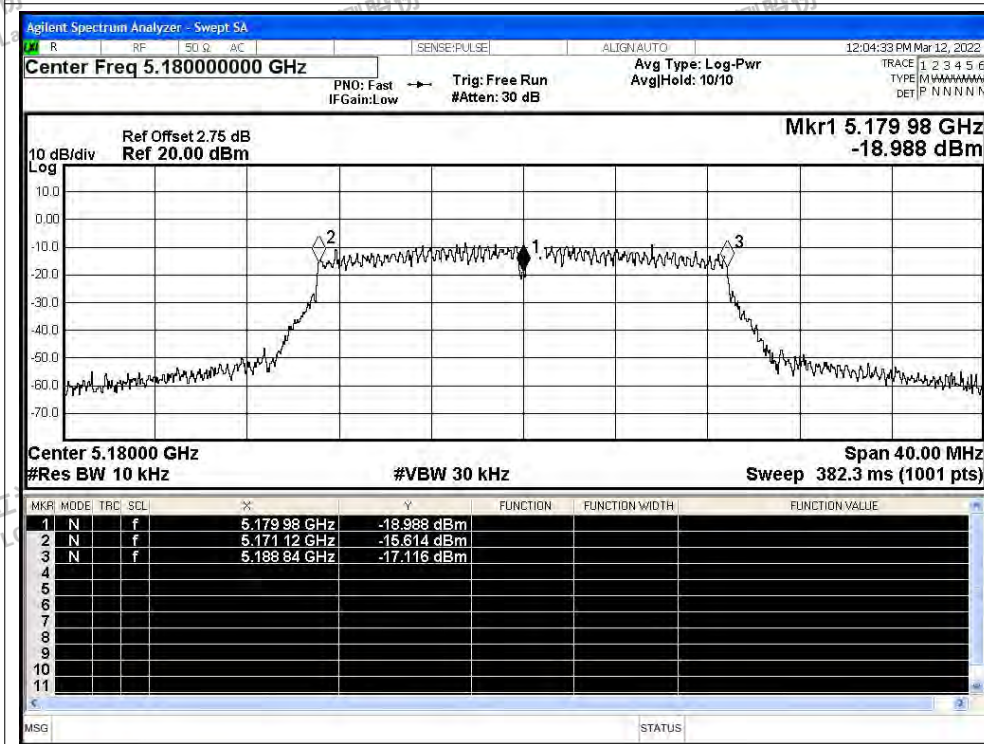
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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Freq. Stability NVNT a 5240MHz Ant1



Freq. Stability NVNT n20 5180MHz Ant1



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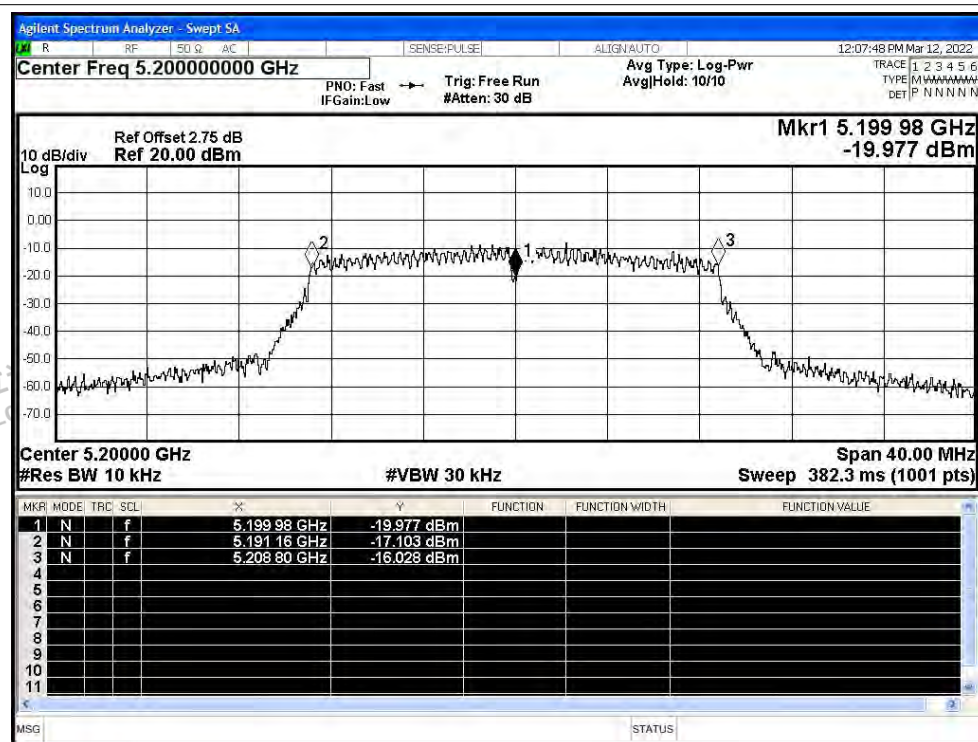
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

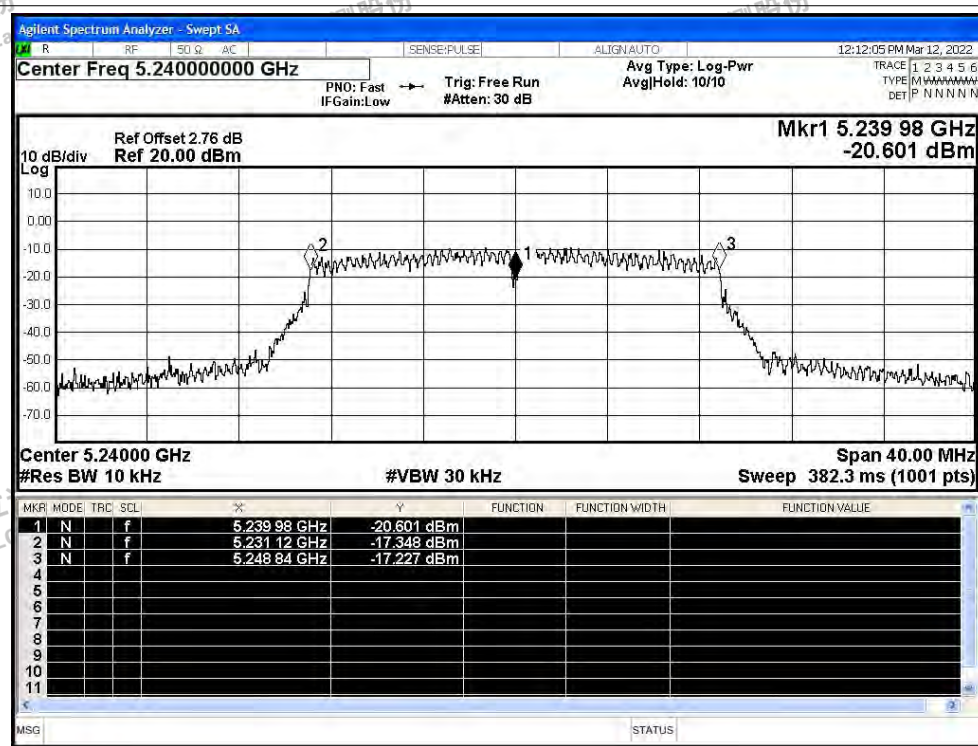
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## Freq. Stability NVNT n20 5200MHz Ant1



## Freq. Stability NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

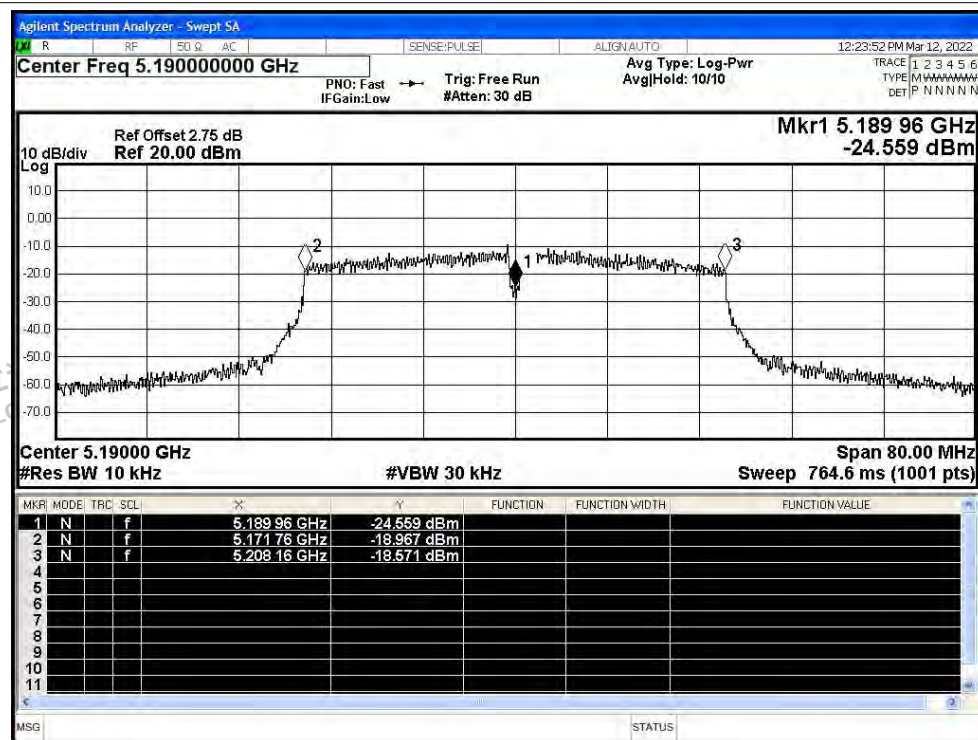
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

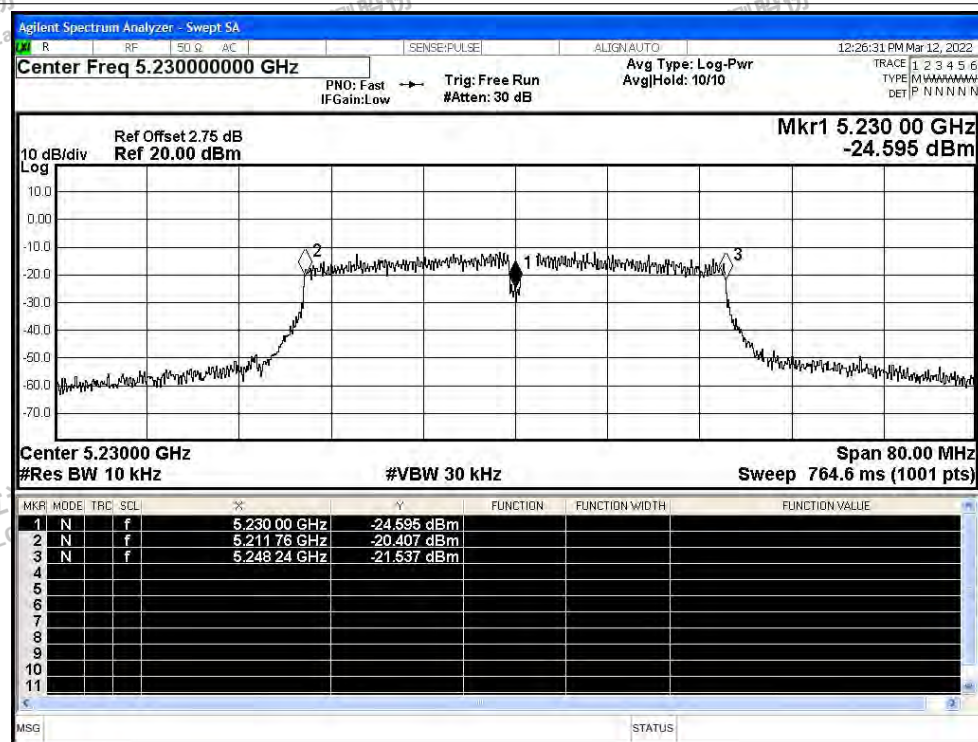
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## Freq. Stability NVNT n40 5190MHz Ant1



## Freq. Stability NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

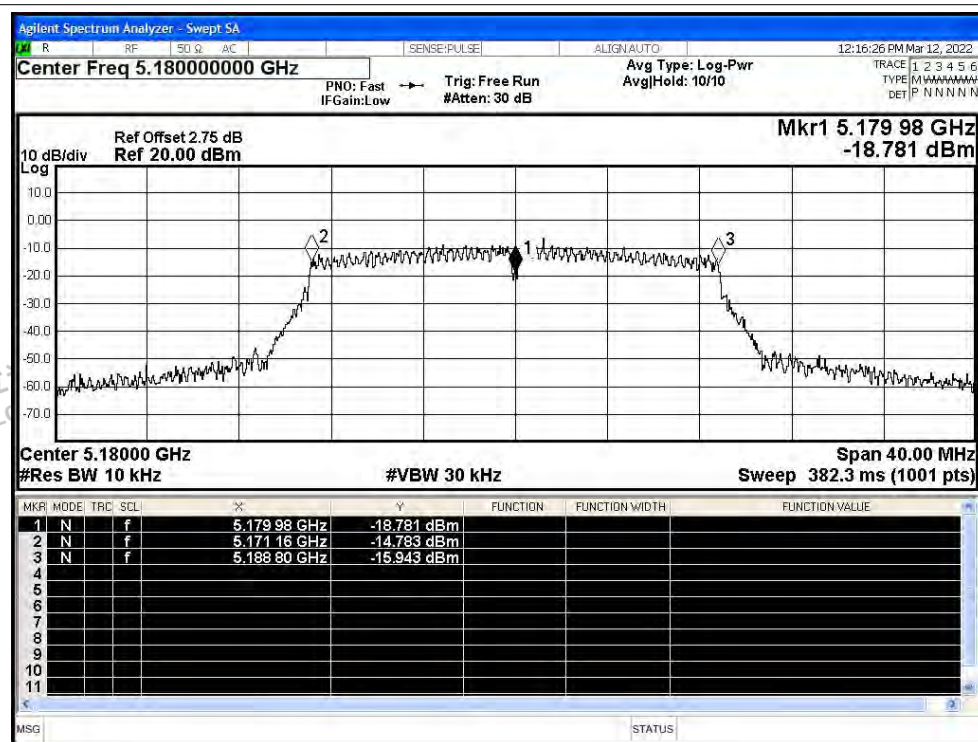
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

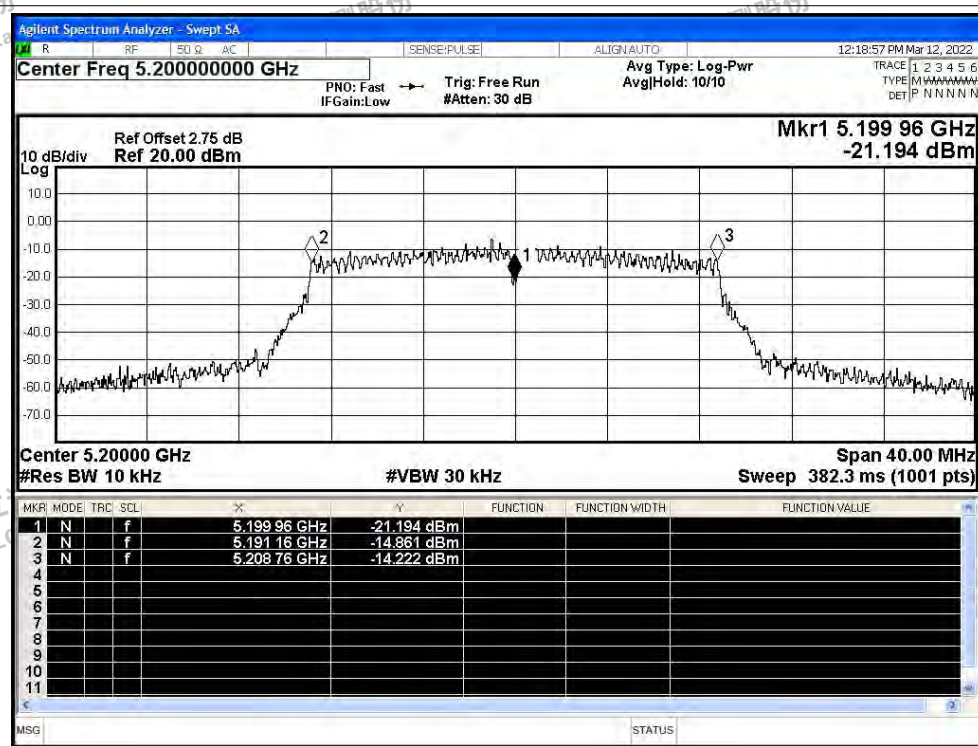
Scan code to check authenticity



## Freq. Stability NVNT ac20 5180MHz Ant1



## Freq. Stability NVNT ac20 5200MHz Ant1



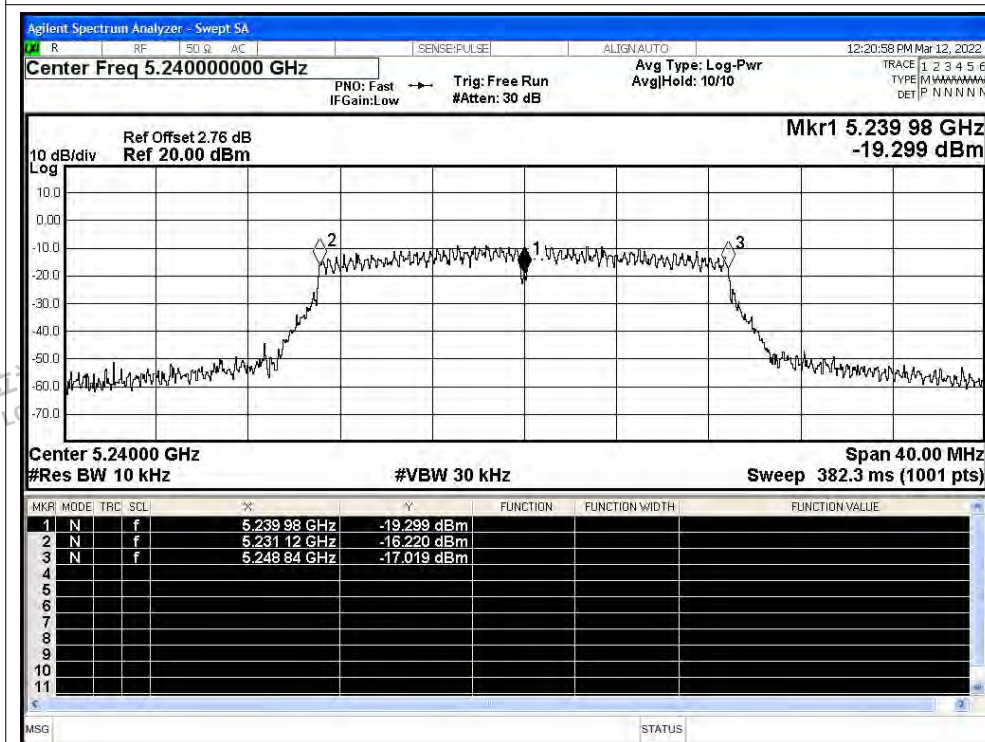
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

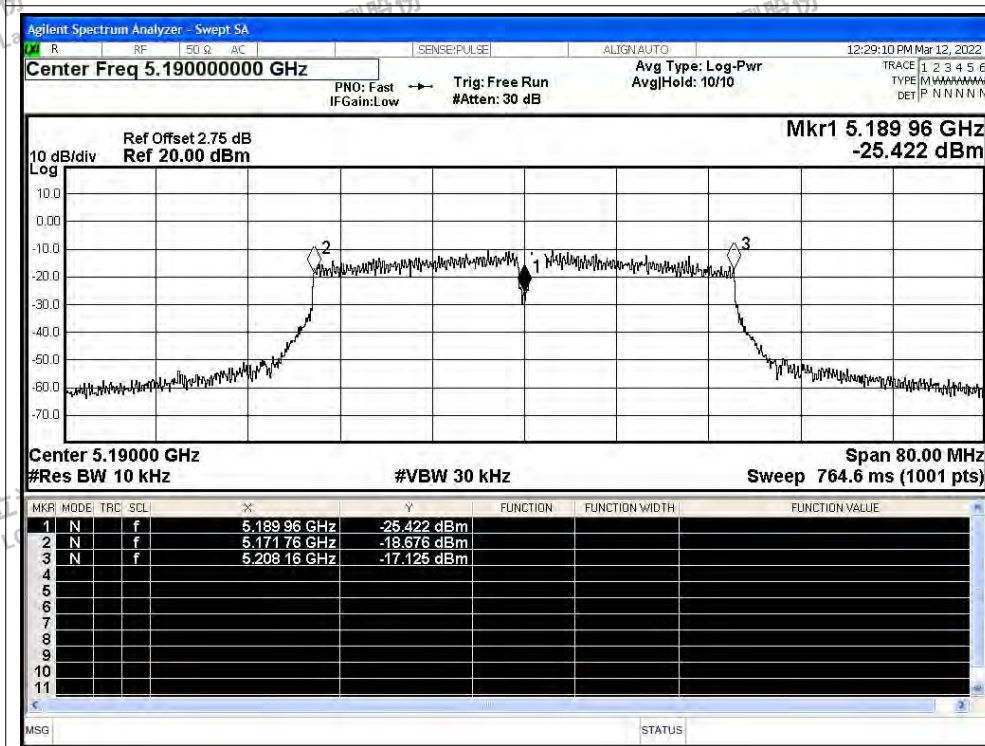
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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## Freq. Stability NVNT ac20 5240MHz Ant1



## Freq. Stability NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

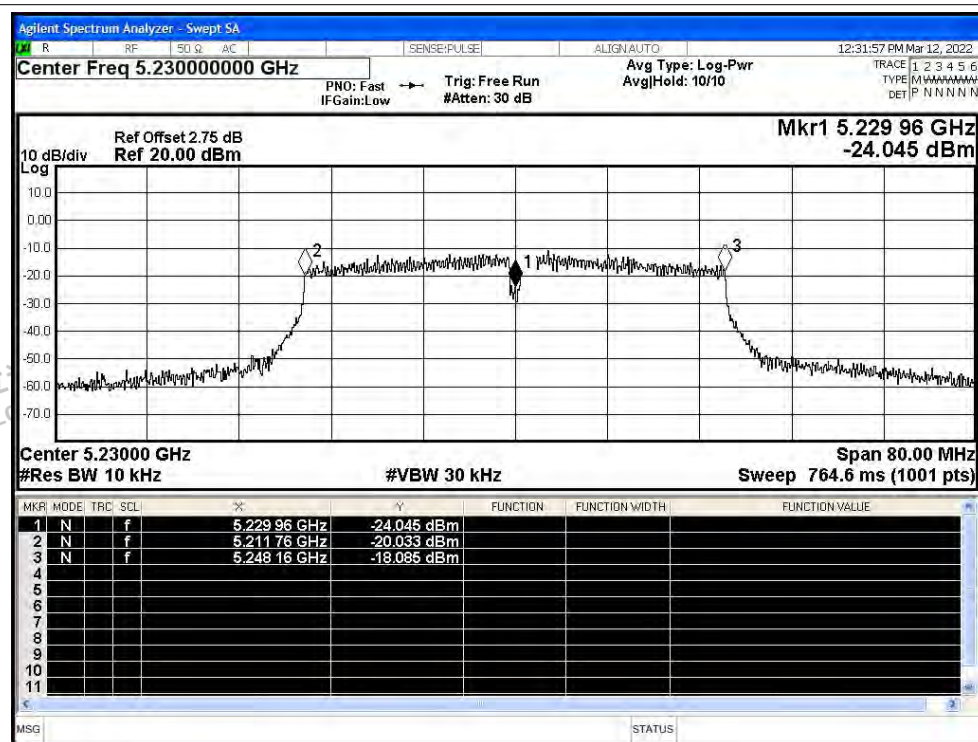
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

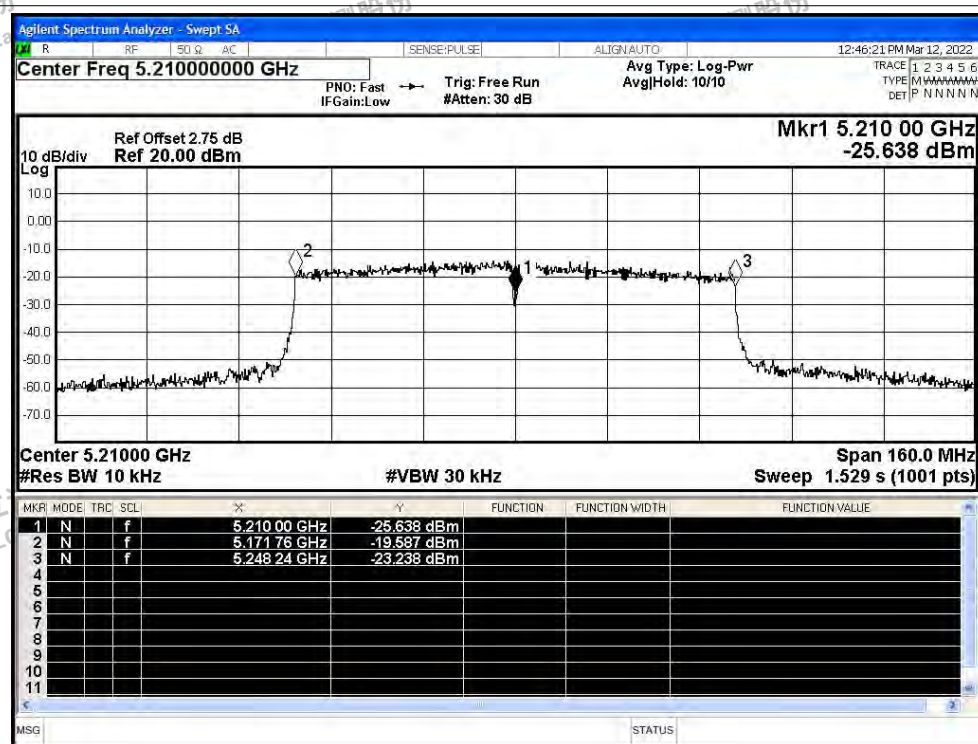
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## Freq. Stability NVNT ac40 5230MHz Ant1



## Freq. Stability NVNT ac80 5210MHz Ant1



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## D.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5190            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5230            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5190            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5230            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac80 | 5210            | Ant1    | 100            | 0                      | 0         |



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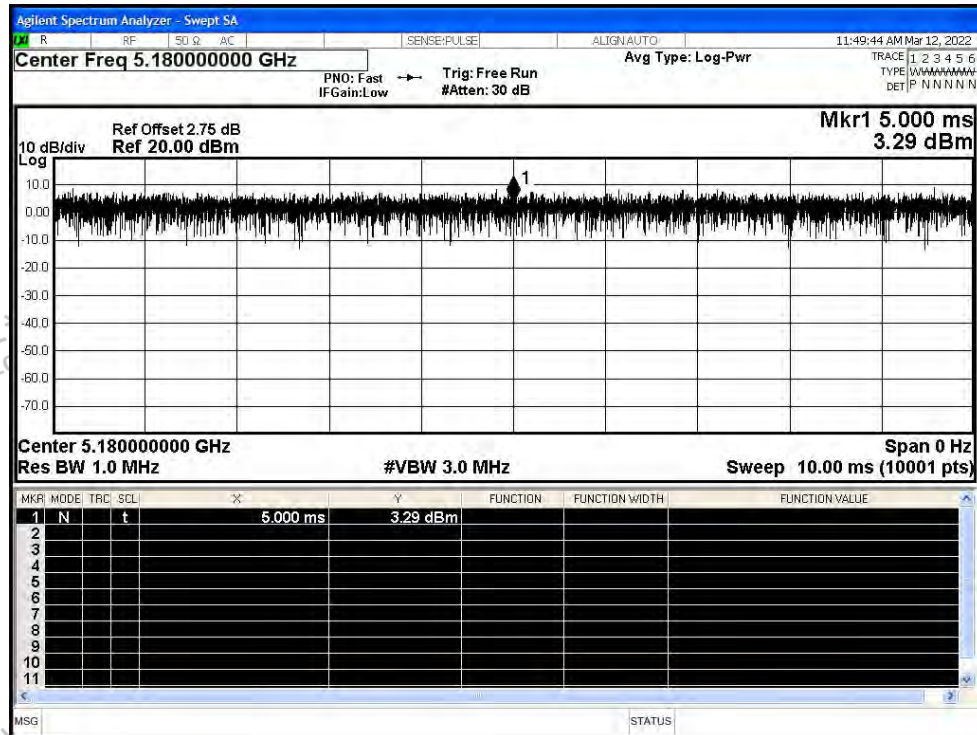
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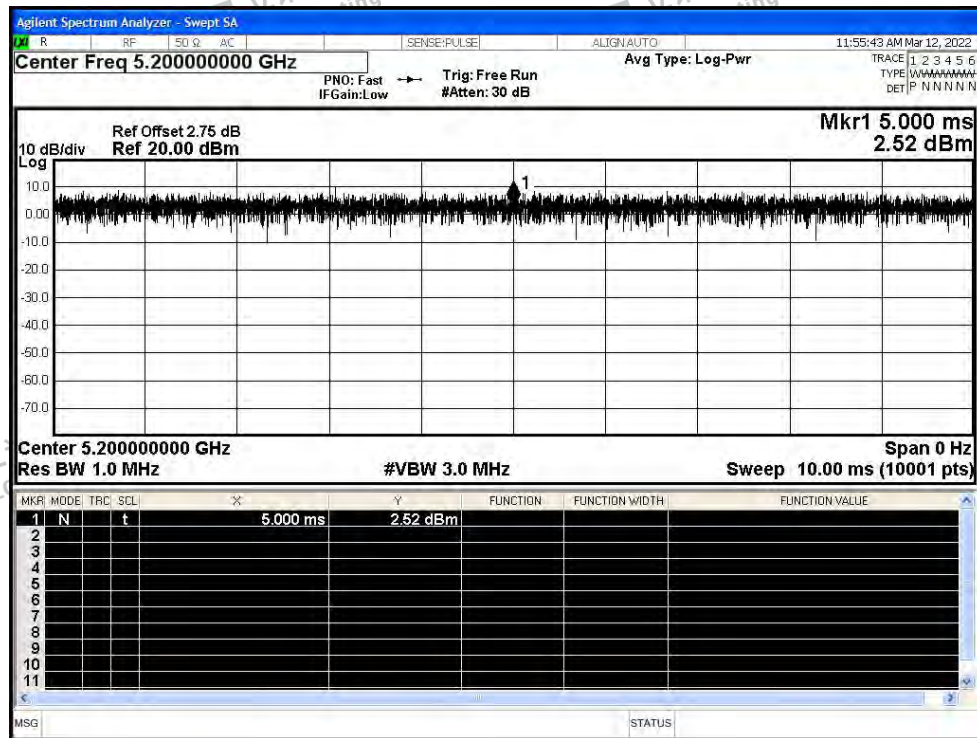
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### Test Graphs

#### Duty Cycle NVNT a 5180MHz Ant1



#### Duty Cycle NVNT a 5200MHz Ant1



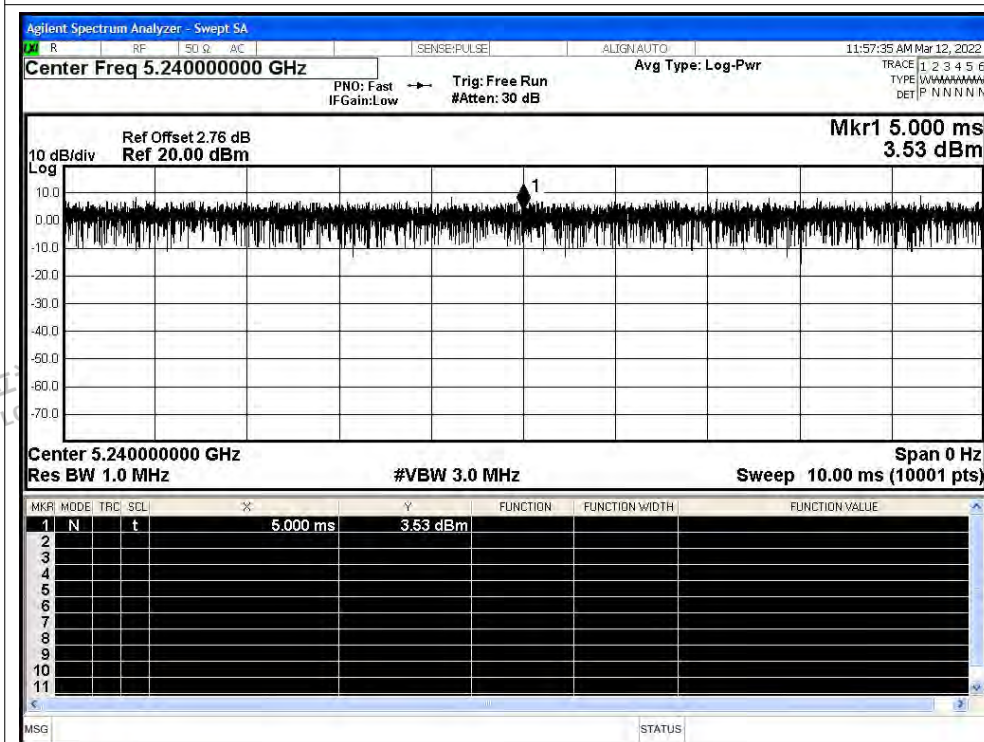
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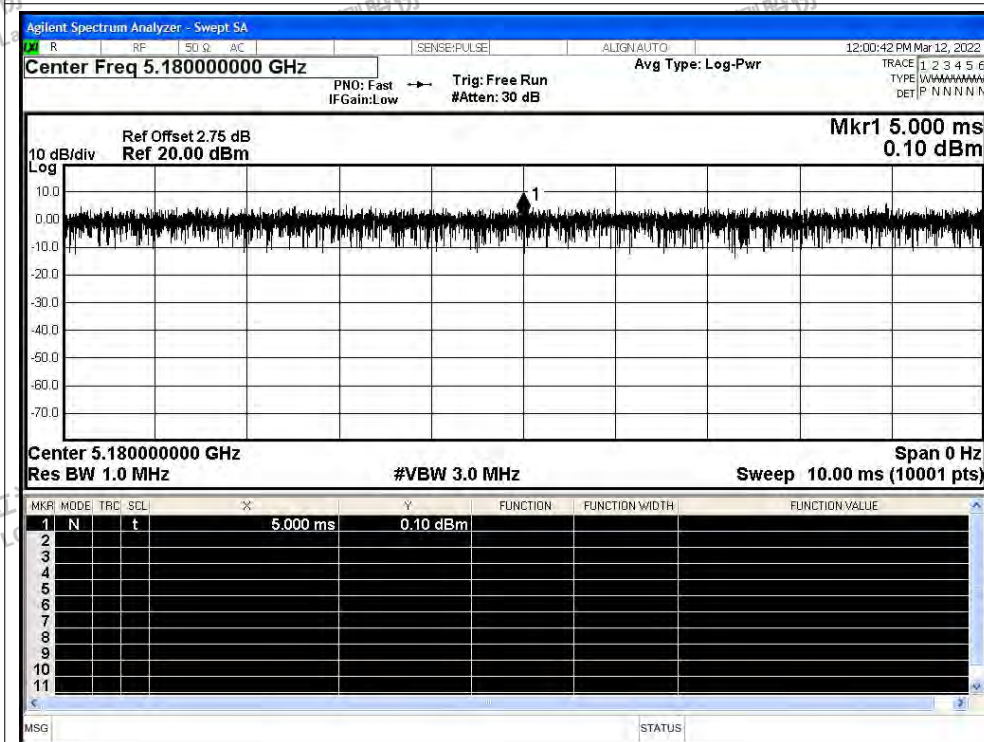
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## Duty Cycle NVNT a 5240MHz Ant1



## Duty Cycle NVNT n20 5180MHz Ant1



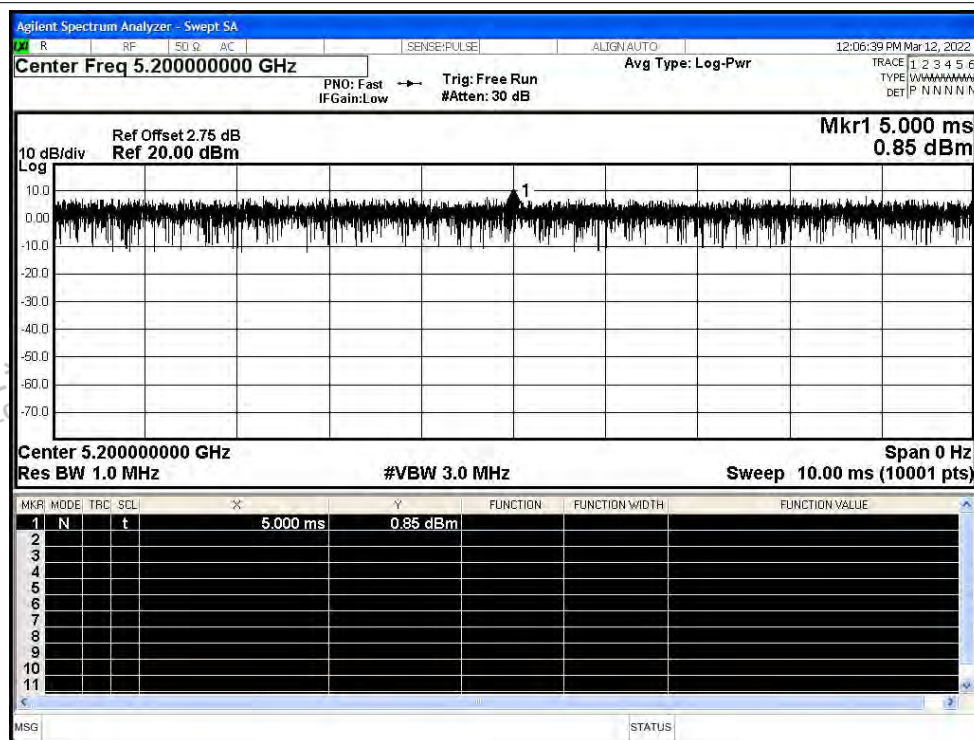
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

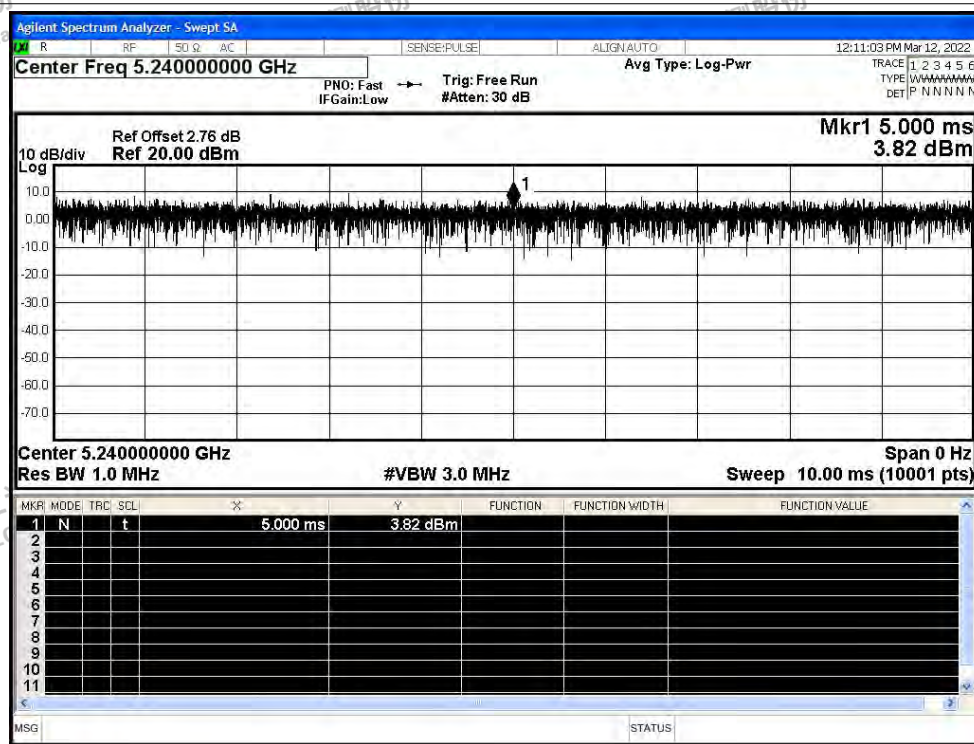
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Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



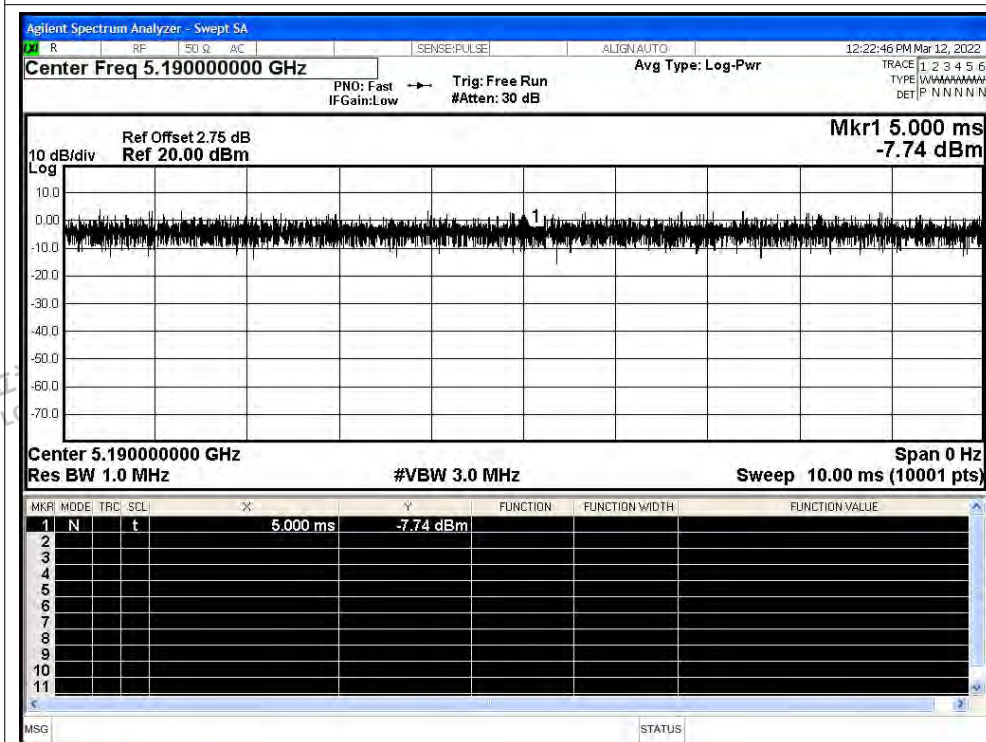
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

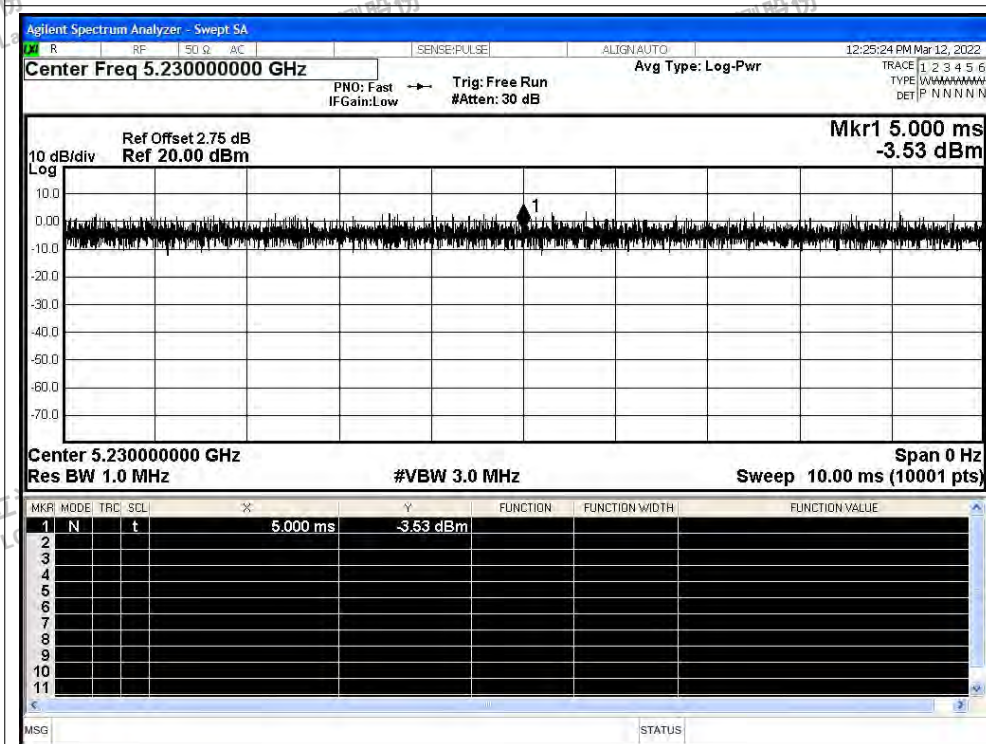
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## Duty Cycle NVNT n40 5190MHz Ant1



## Duty Cycle NVNT n40 5230MHz Ant1



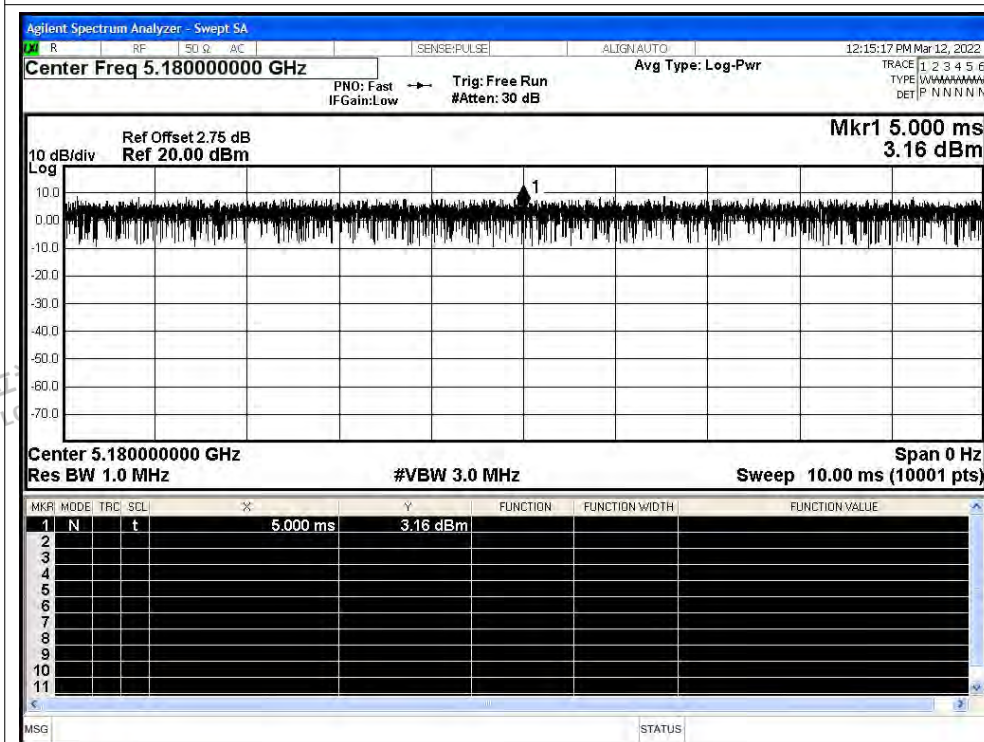
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

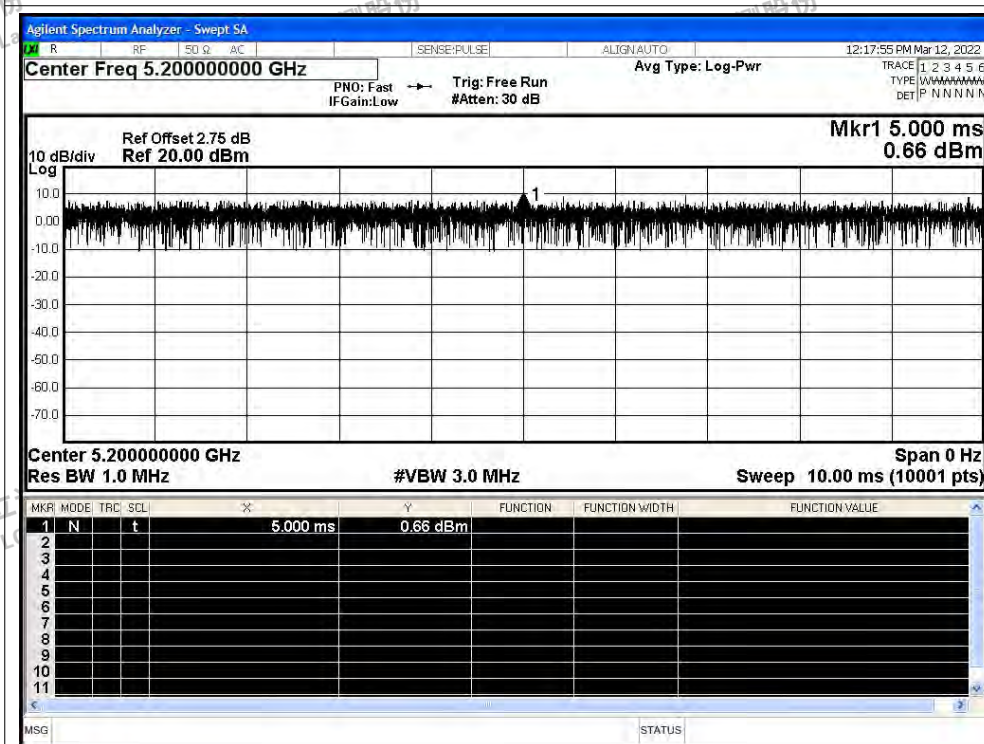
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## Duty Cycle NVNT ac20 5180MHz Ant1



## Duty Cycle NVNT ac20 5200MHz Ant1



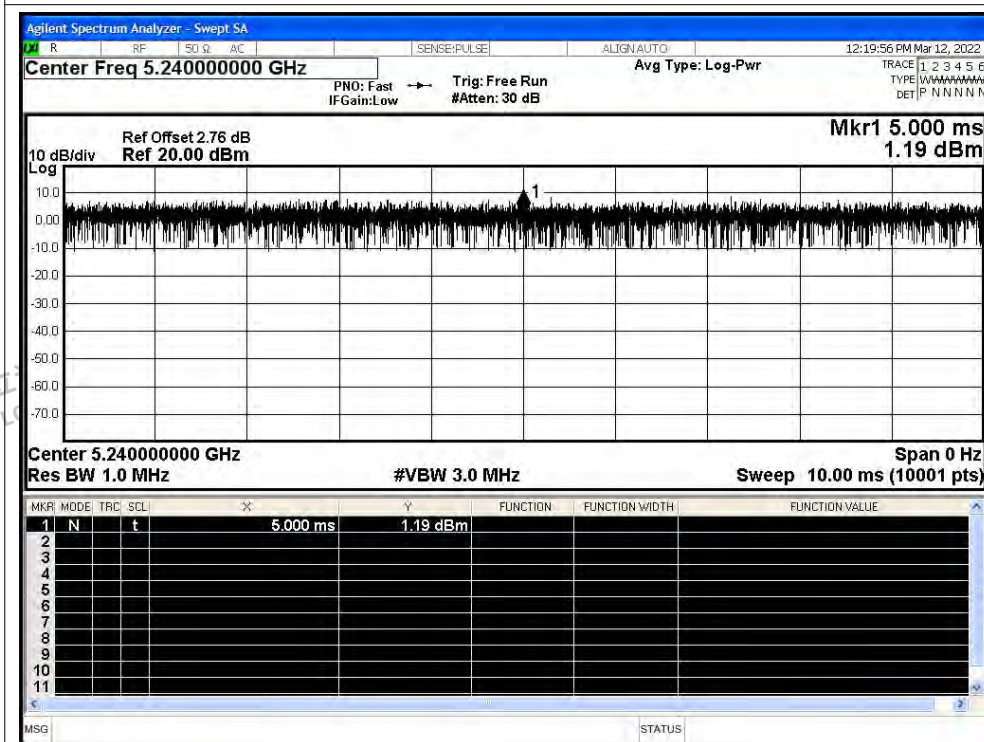
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

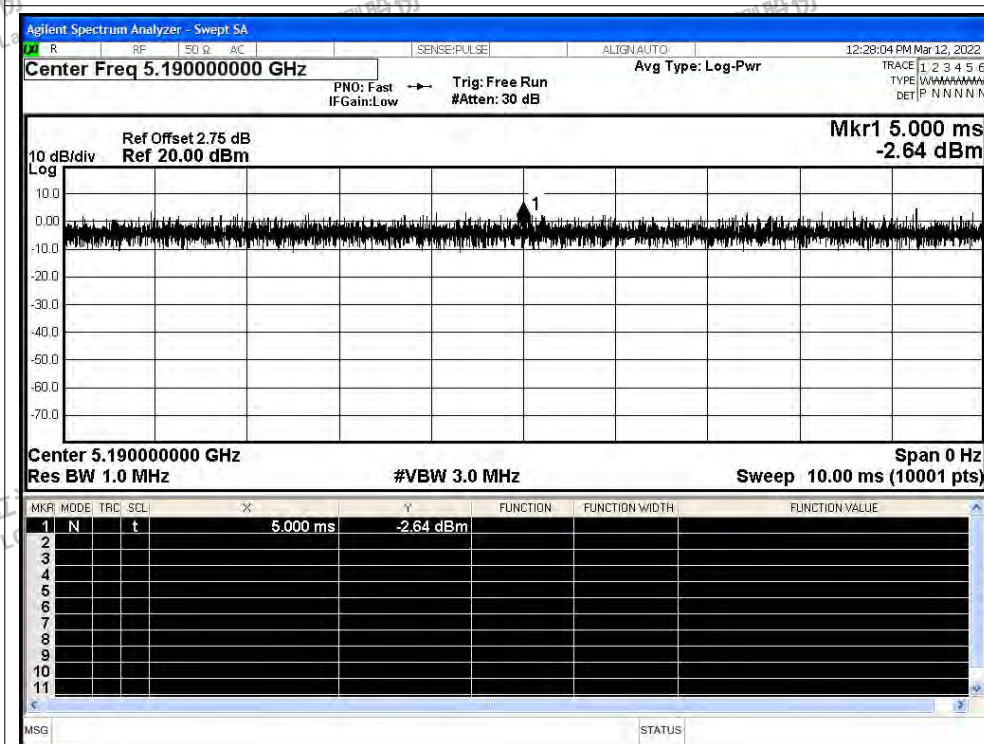
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## Duty Cycle NVNT ac20 5240MHz Ant1



## Duty Cycle NVNT ac40 5190MHz Ant1



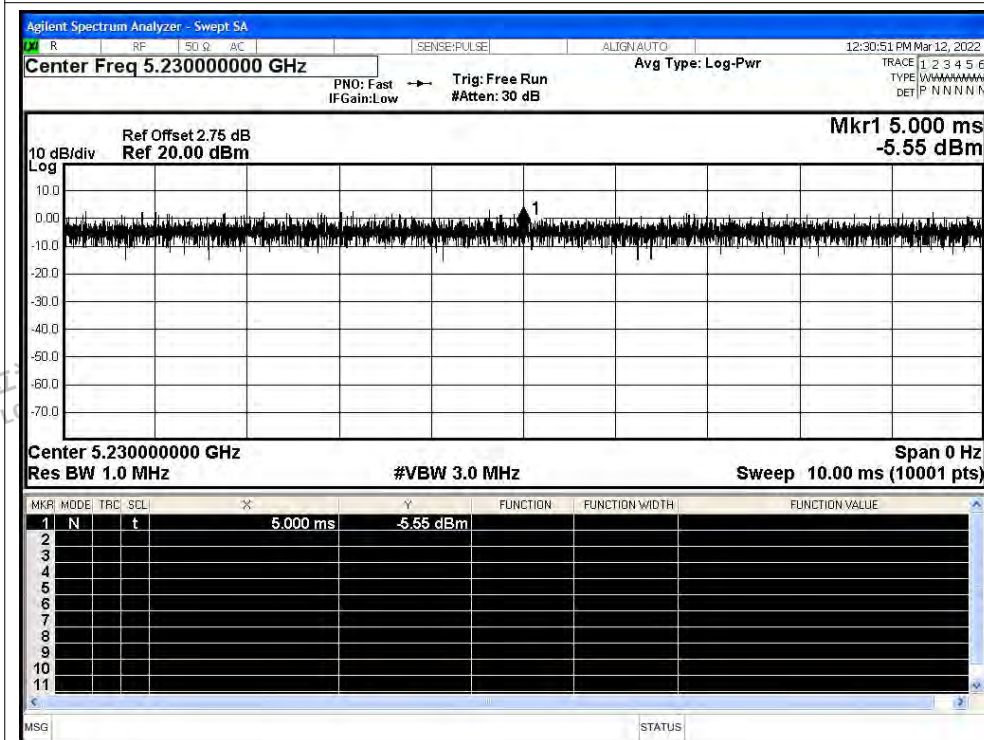
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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

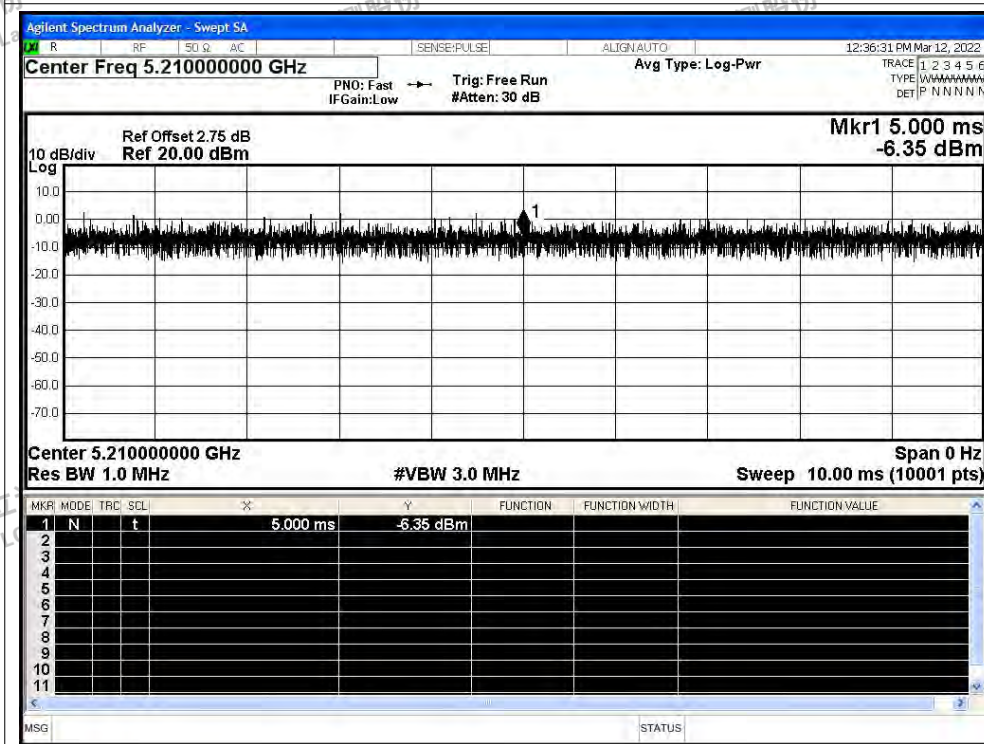
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Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1



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