



## Appendix D

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

Product Name: tablet pc

Test Model: TAB10P

#### Environmental Conditions

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





## D.1 -26dB Bandwidth

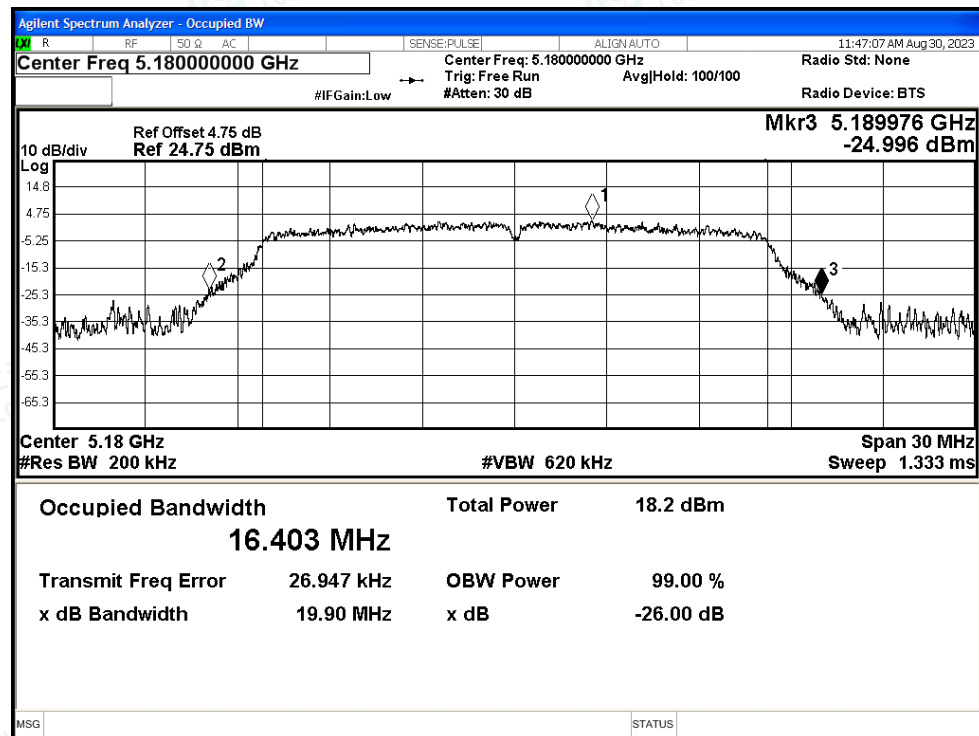
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 19.899                 | ---                          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 19.806                 | ---                          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 19.856                 | ---                          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 19.868                 | ---                          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 20.189                 | ---                          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 20.057                 | ---                          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 40.505                 | ---                          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 40.062                 | ---                          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 20.092                 | ---                          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 20.047                 | ---                          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 20.171                 | ---                          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 40.324                 | ---                          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 39.959                 | ---                          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 80.798                 | ---                          | Pass    |



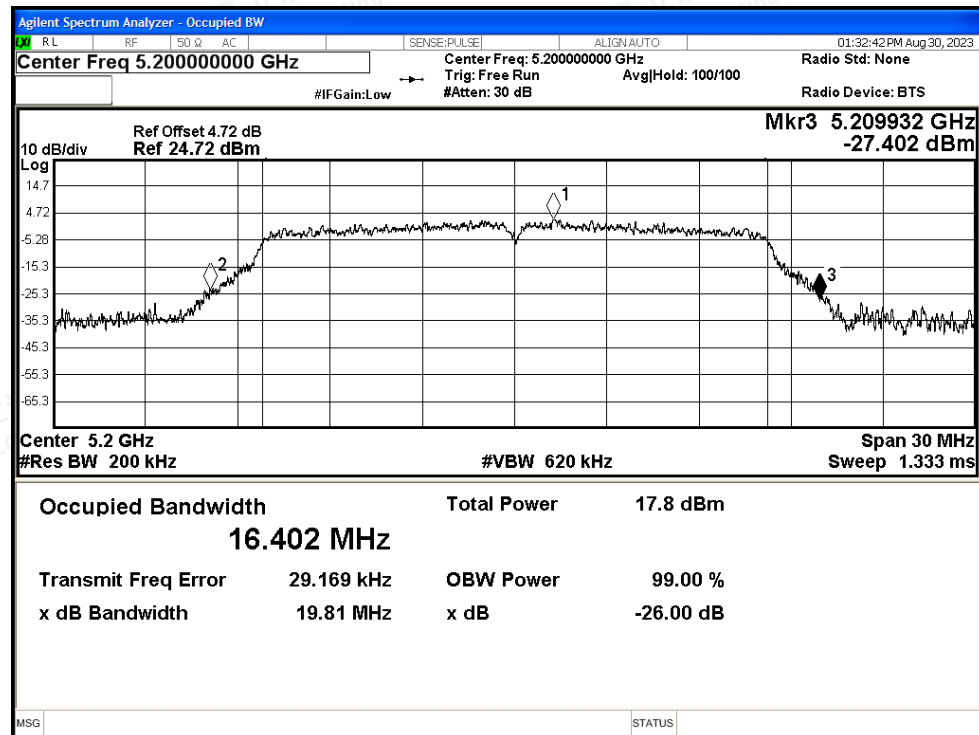


## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

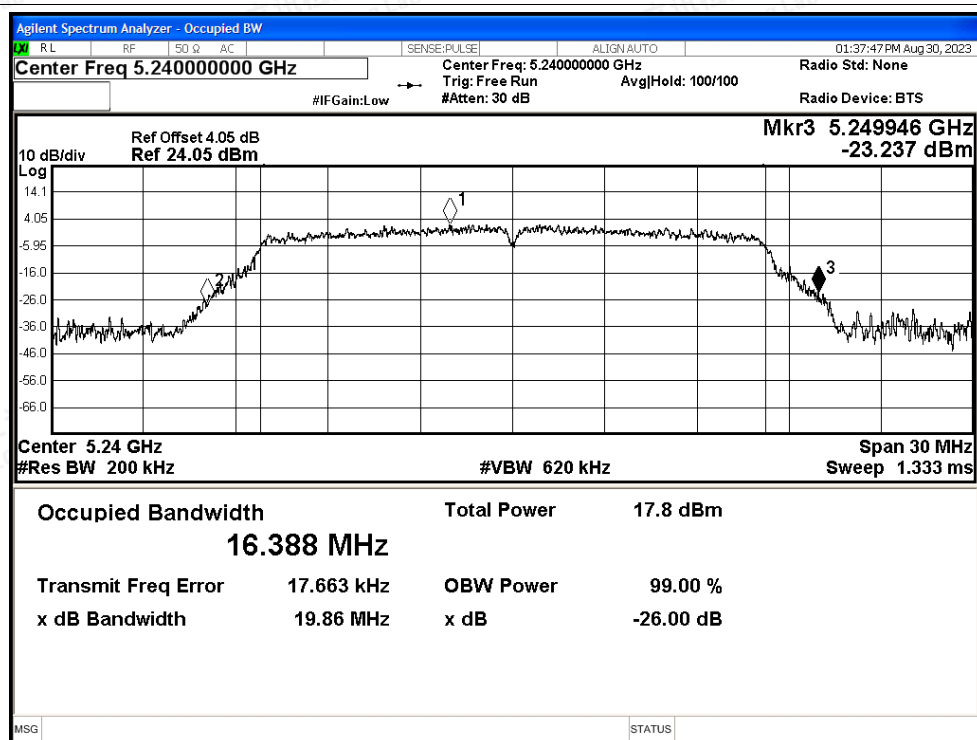


-26dB Bandwidth NVNT a 5200MHz Ant1

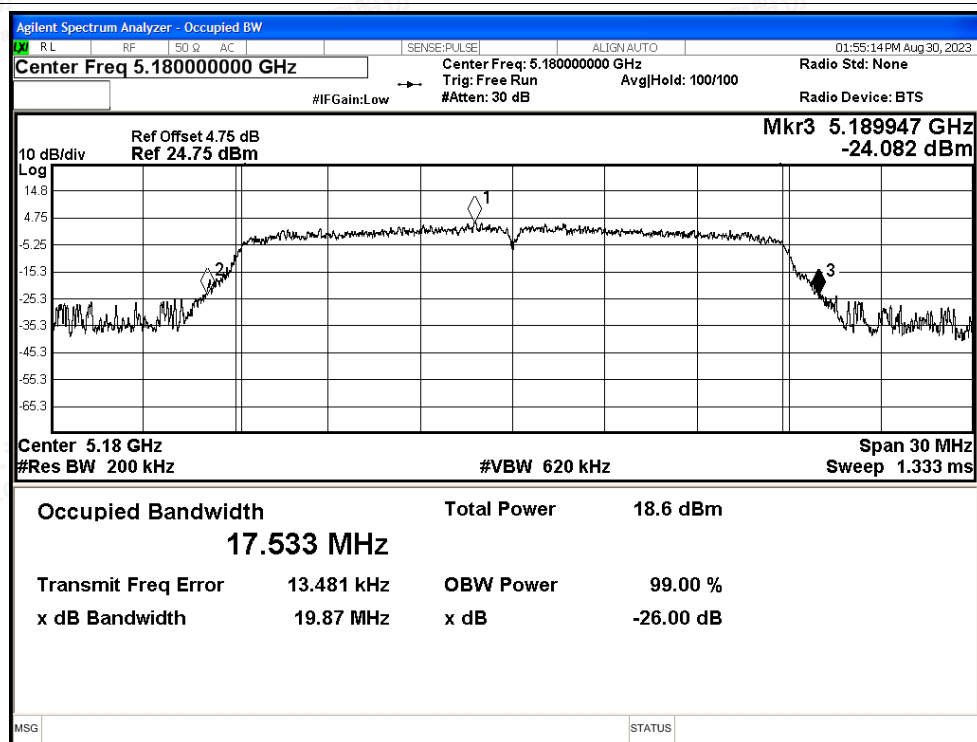




-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



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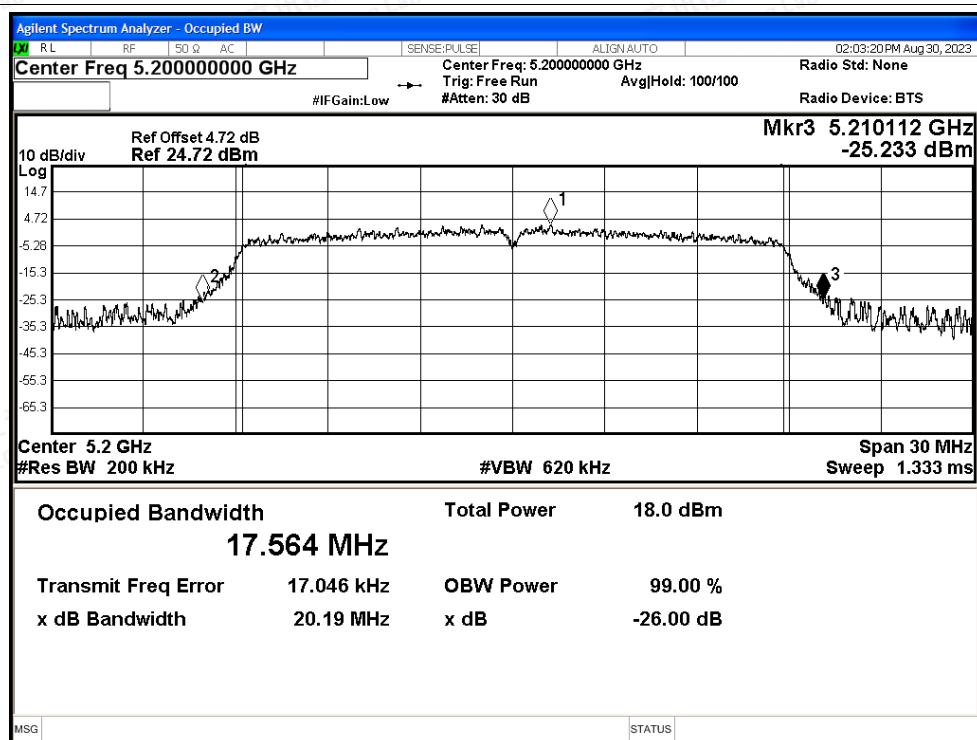
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

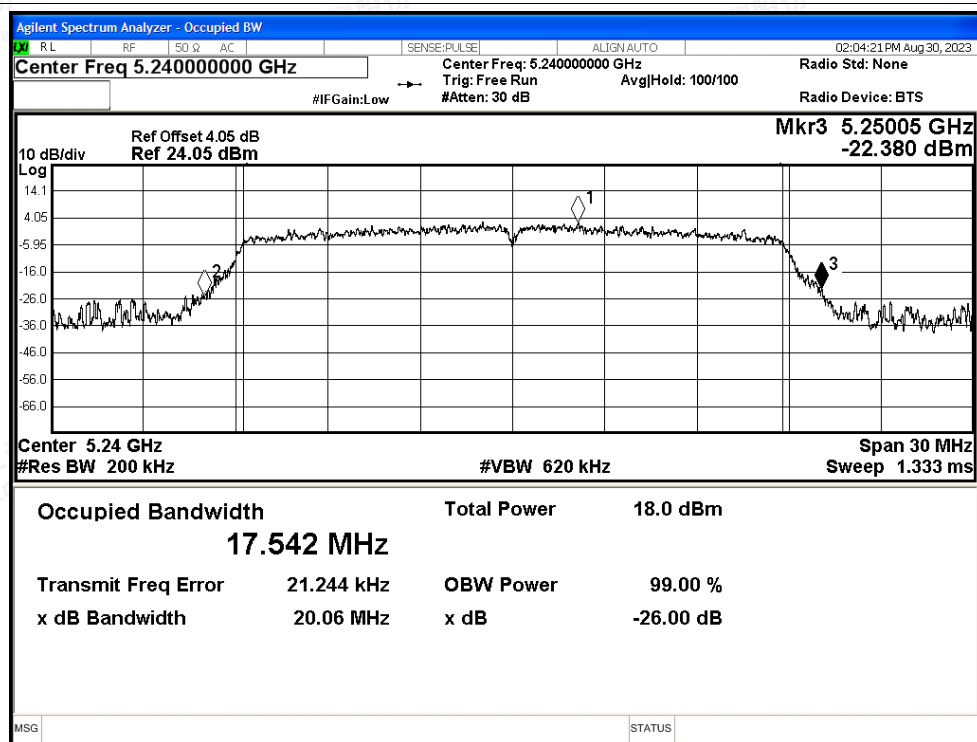
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant1

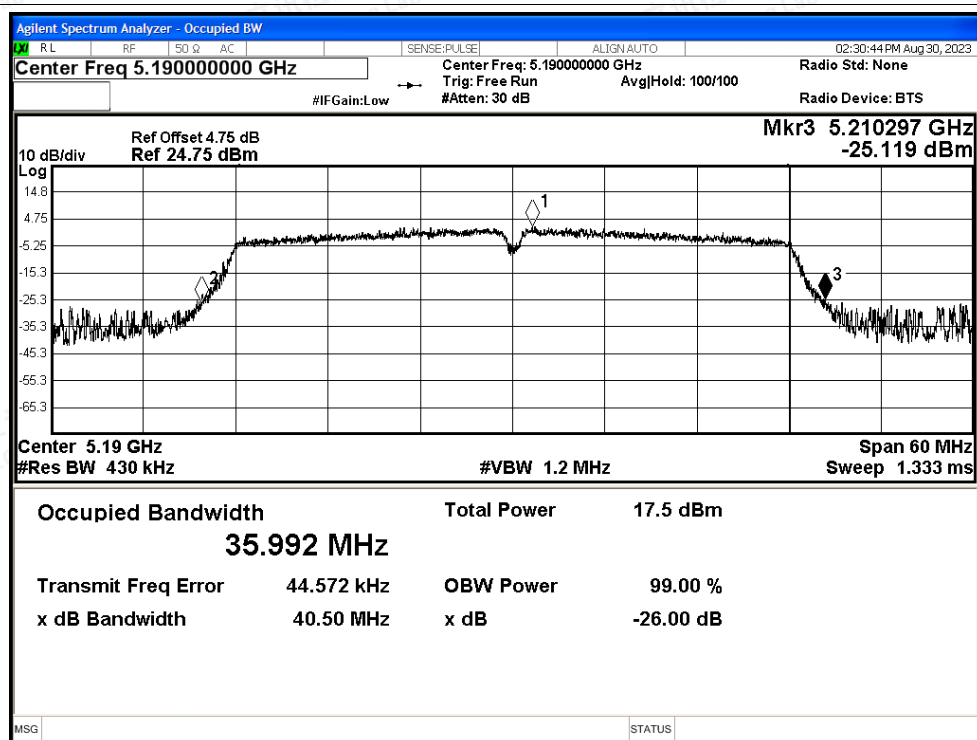


-26dB Bandwidth NVNT n20 5240MHz Ant1

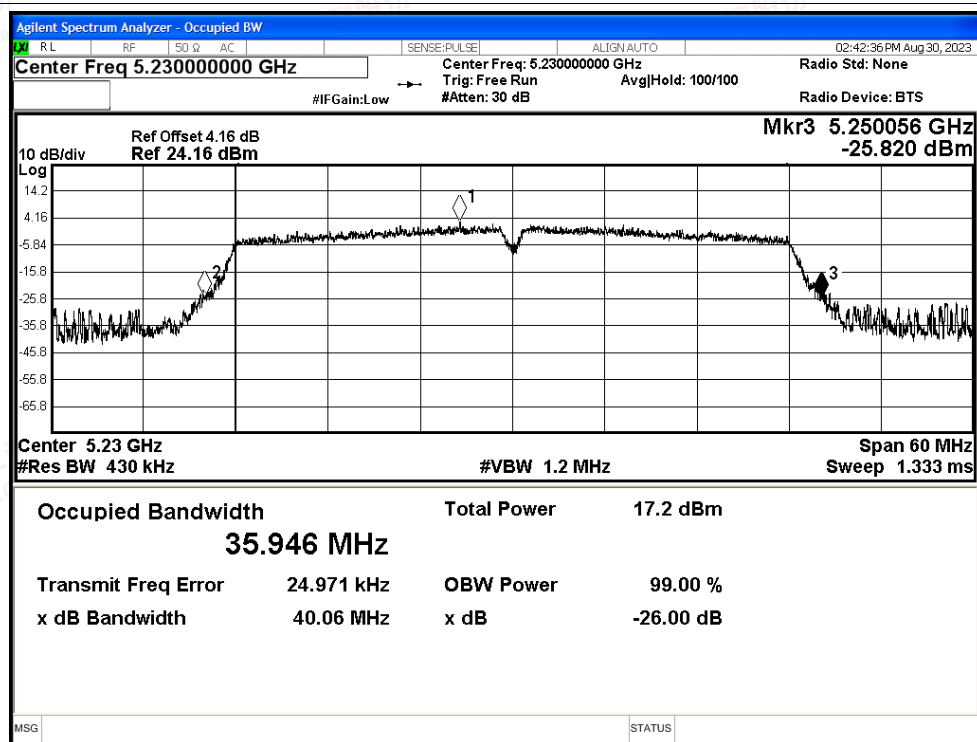




-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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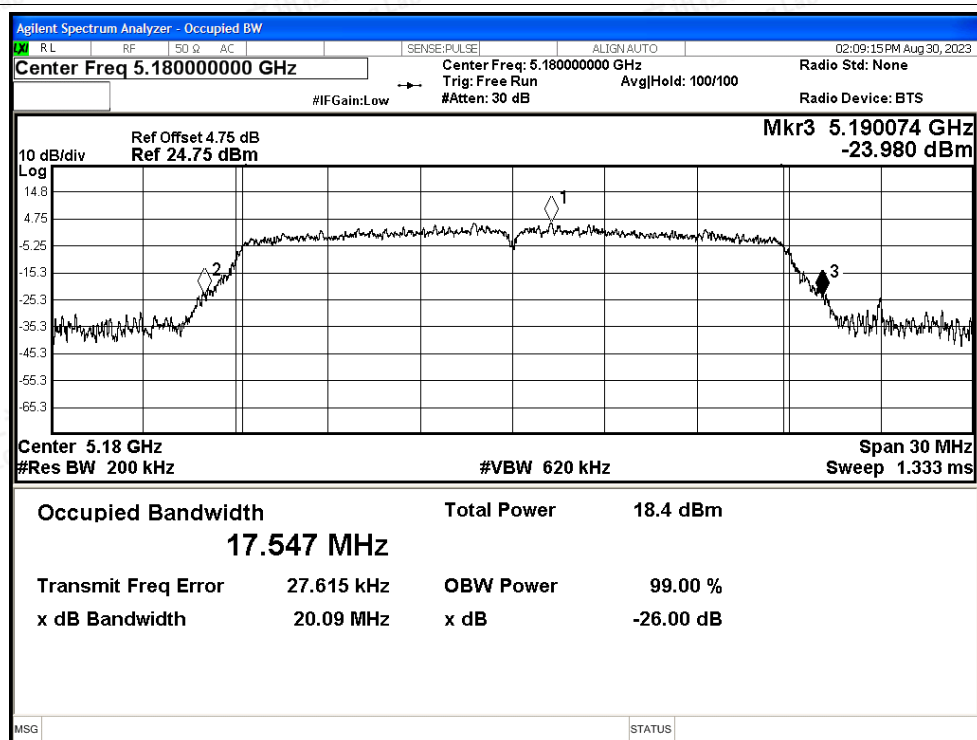
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

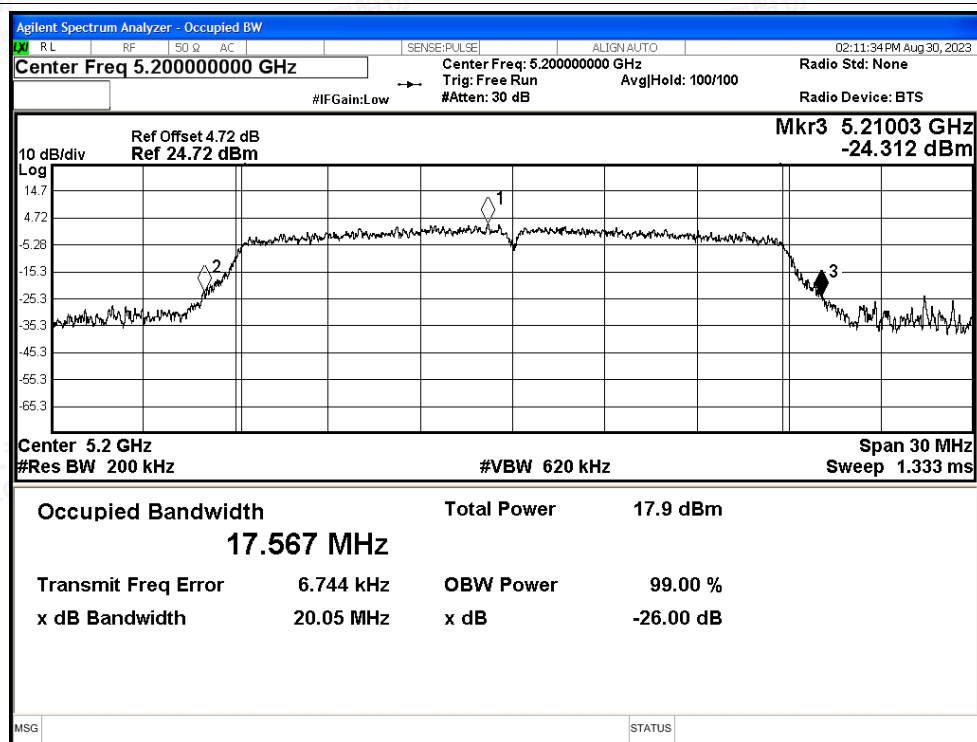
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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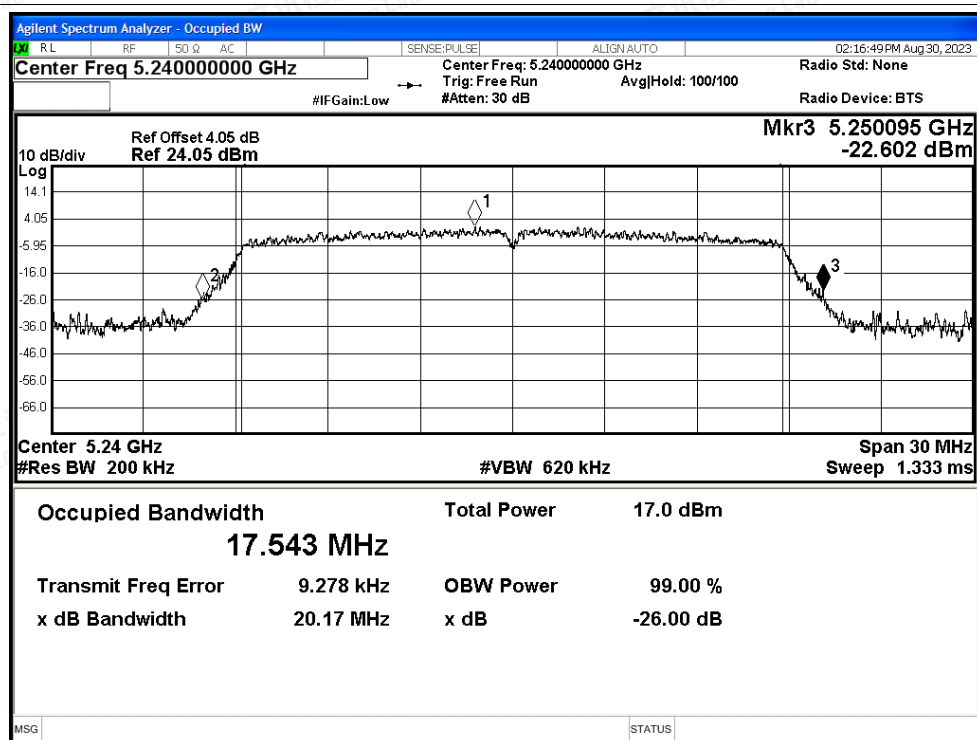
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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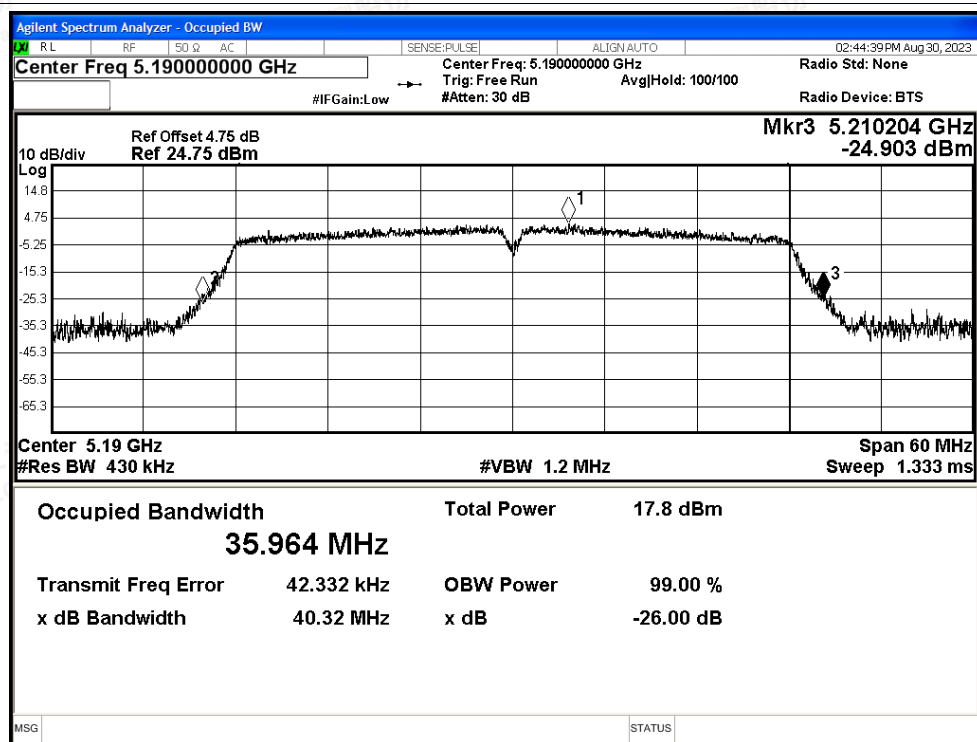
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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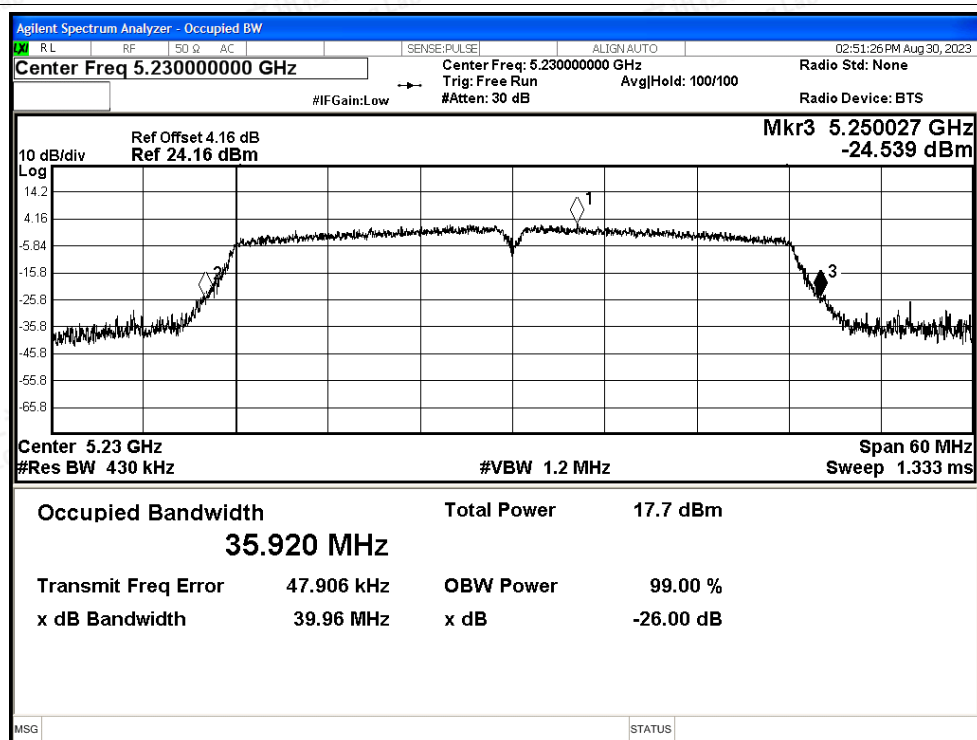
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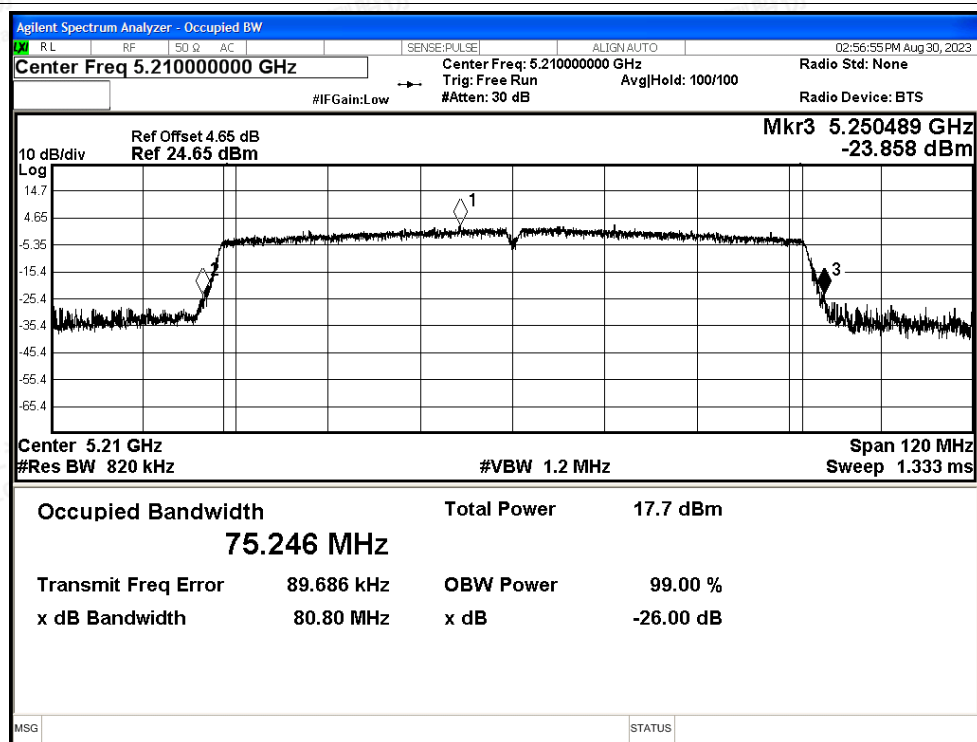
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-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    | 12.6                  | 0.13             | 12.73             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 11.85                 | 0.14             | 11.99             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 12.24                 | 0.13             | 12.37             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 13.07                 | 0.15             | 13.22             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 12.32                 | 0.15             | 12.47             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 12.38                 | 0.15             | 12.53             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 11.65                 | 0.29             | 11.94             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 11.23                 | 0.28             | 11.51             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 12.73                 | 0.14             | 12.87             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 12.33                 | 0.14             | 12.47             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 11.35                 | 0.14             | 11.49             | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 11.8                  | 0.28             | 12.08             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 11.5                  | 0.28             | 11.78             | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 10.85                 | 0.55             | 11.4              | 24          | Pass    |



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### D.3 Maximum Power Spectral Density Level

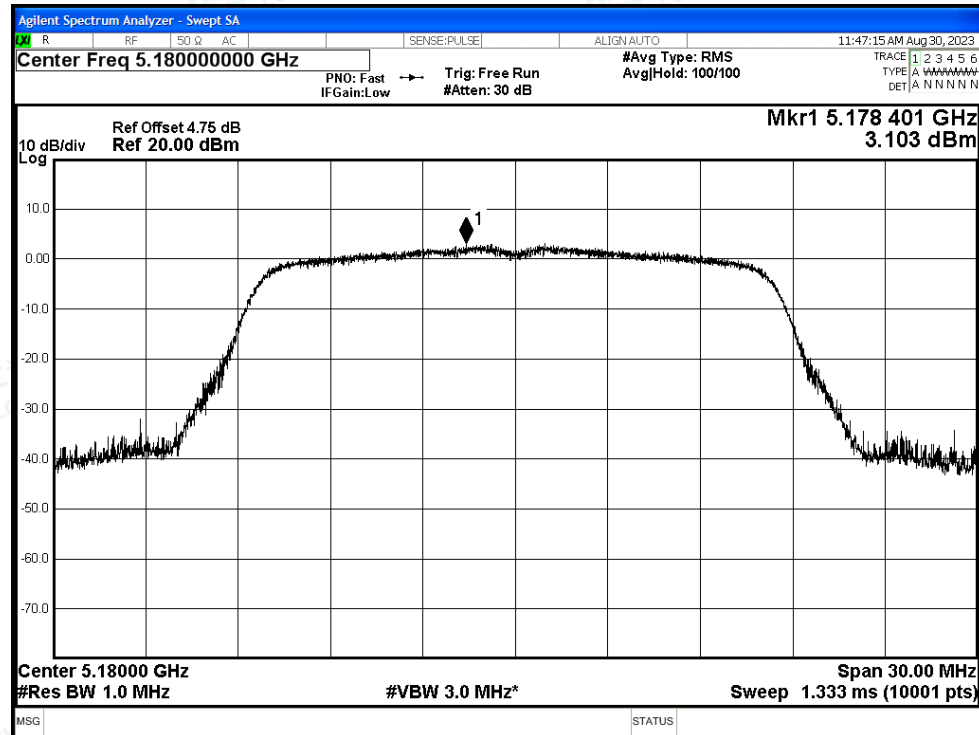
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a    | 5180            | Ant1    | 3.1                     | 0.13             | 3.23                | 11              | Pass    |
| NVNT      | a    | 5200            | Ant1    | 2.15                    | 0.14             | 2.29                | 11              | Pass    |
| NVNT      | a    | 5240            | Ant1    | 2.39                    | 0.13             | 2.52                | 11              | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 3.27                    | 0.15             | 3.42                | 11              | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 2.58                    | 0.15             | 2.73                | 11              | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 2.68                    | 0.15             | 2.83                | 11              | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -1.01                   | 0.29             | -0.72               | 11              | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -1.29                   | 0.28             | -1.01               | 11              | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 2.63                    | 0.14             | 2.77                | 11              | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 2.7                     | 0.14             | 2.84                | 11              | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 1.73                    | 0.14             | 1.87                | 11              | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -1.14                   | 0.28             | -0.86               | 11              | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -0.98                   | 0.28             | -0.7                | 11              | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -4.76                   | 0.55             | -4.21               | 11              | Pass    |



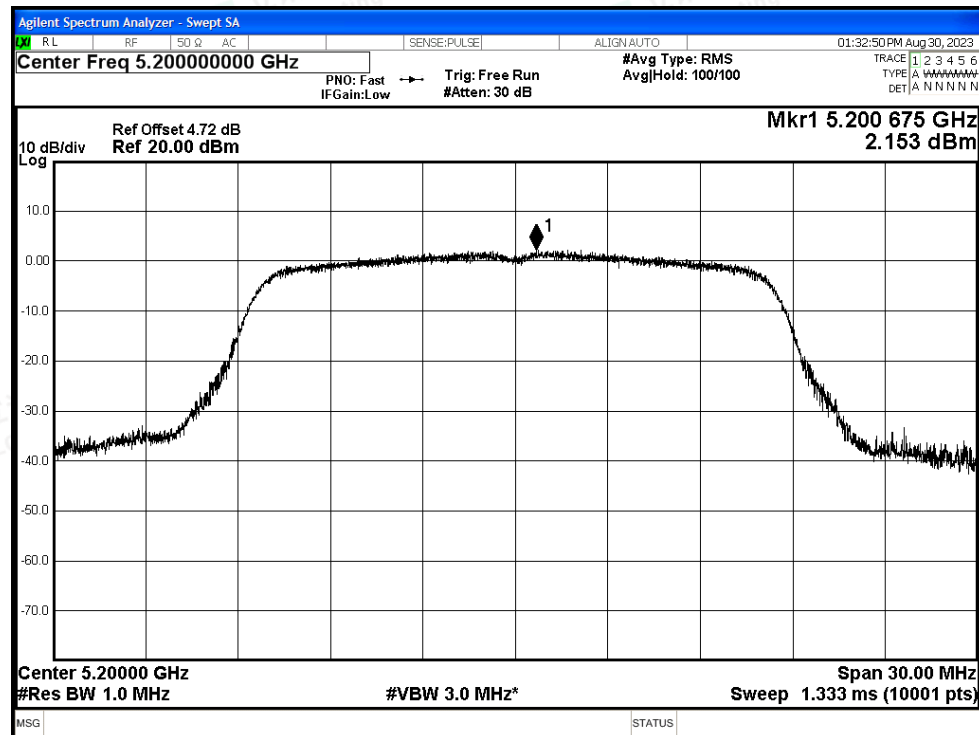


## Test Graphs

PSD NVNT a 5180MHz Ant1

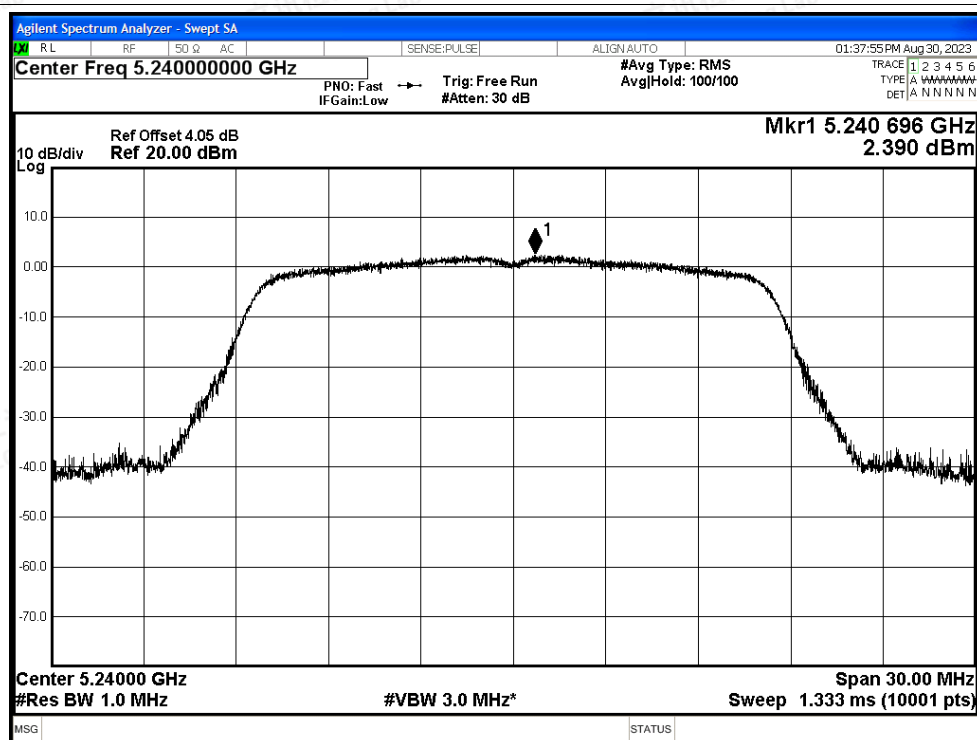


PSD NVNT a 5200MHz Ant1

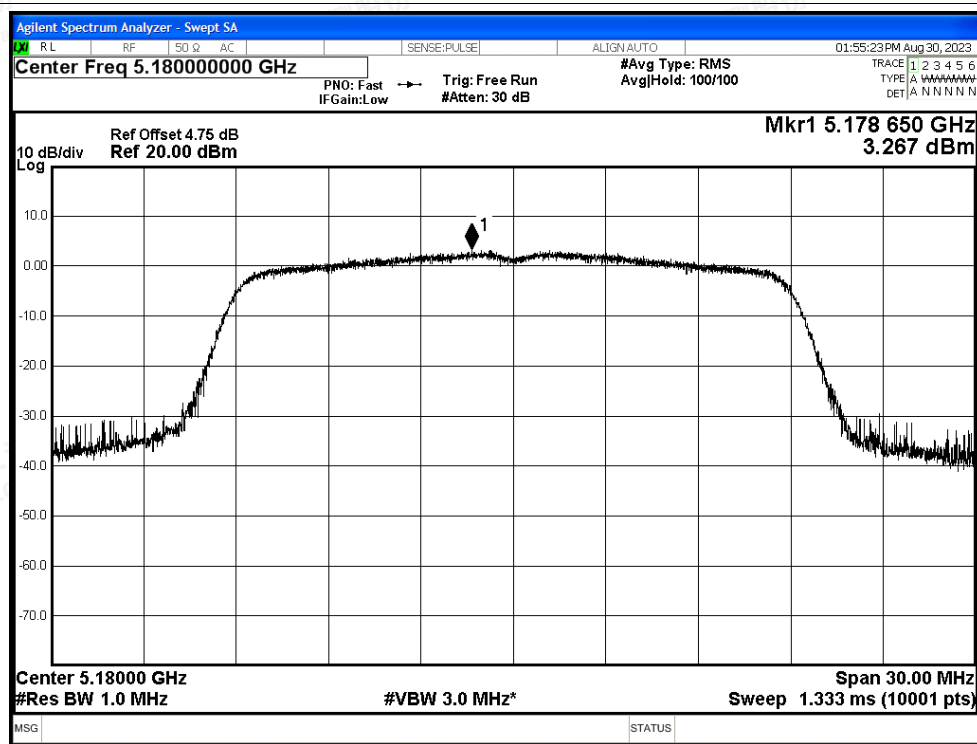


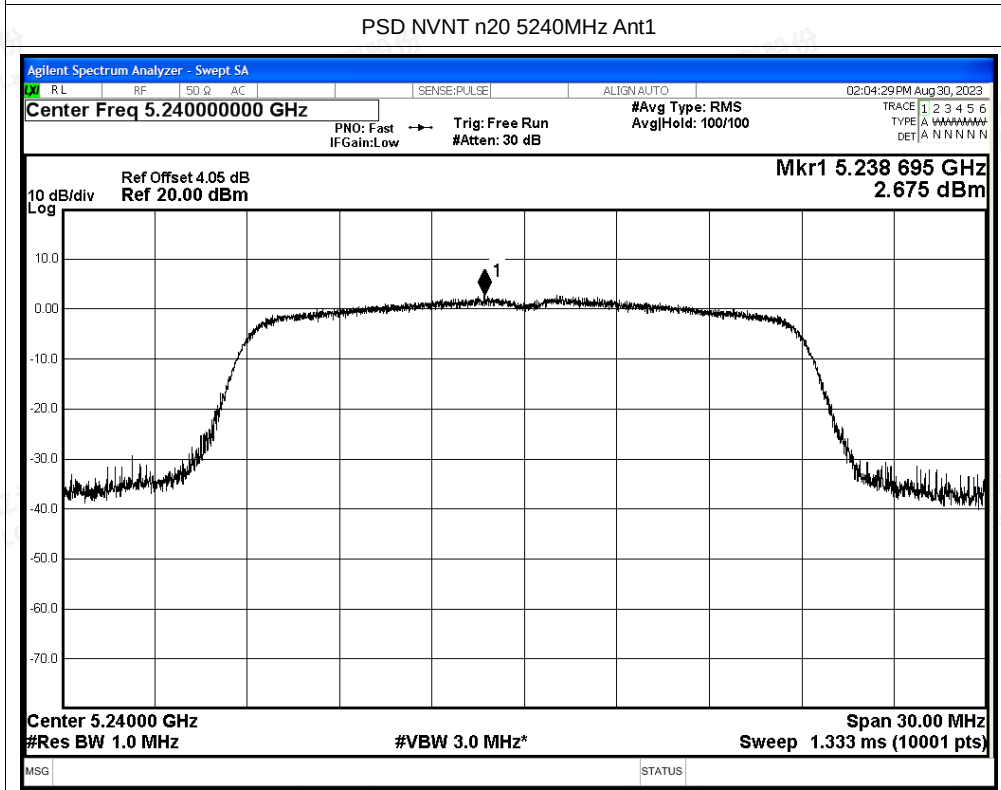
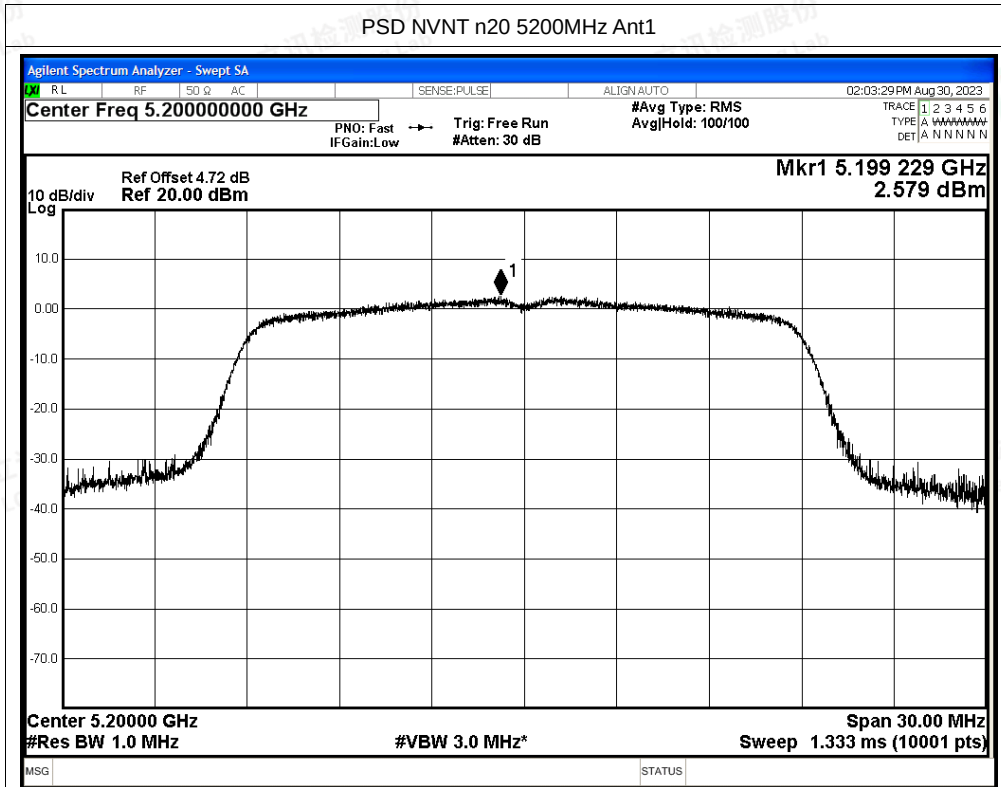


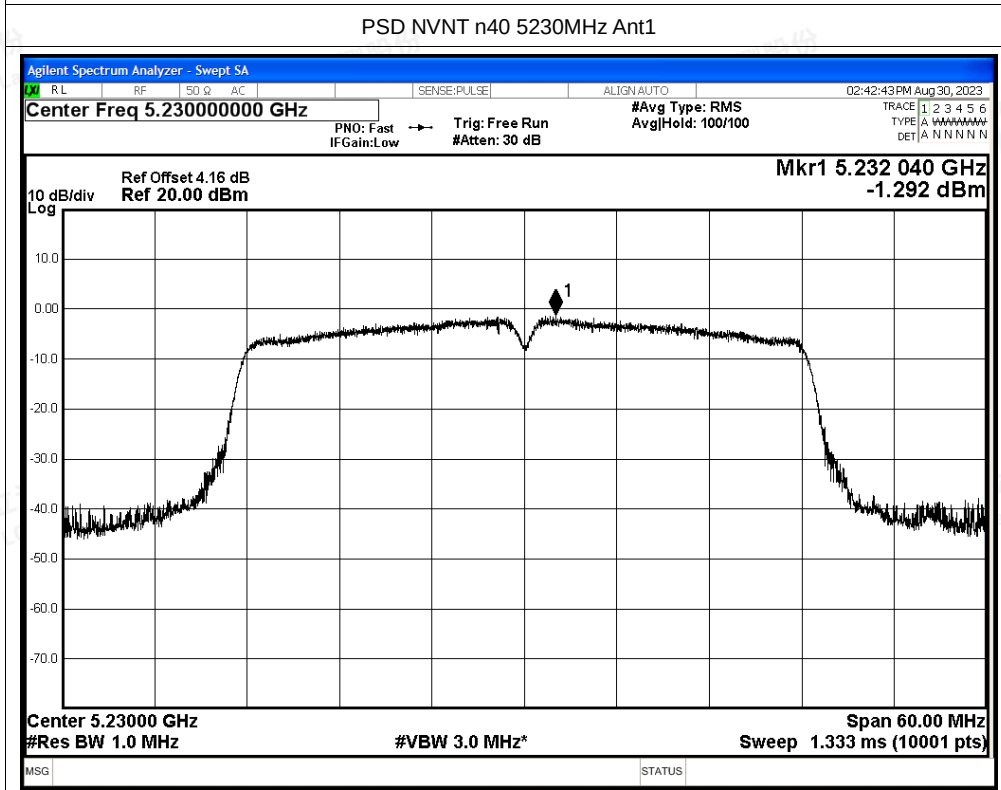
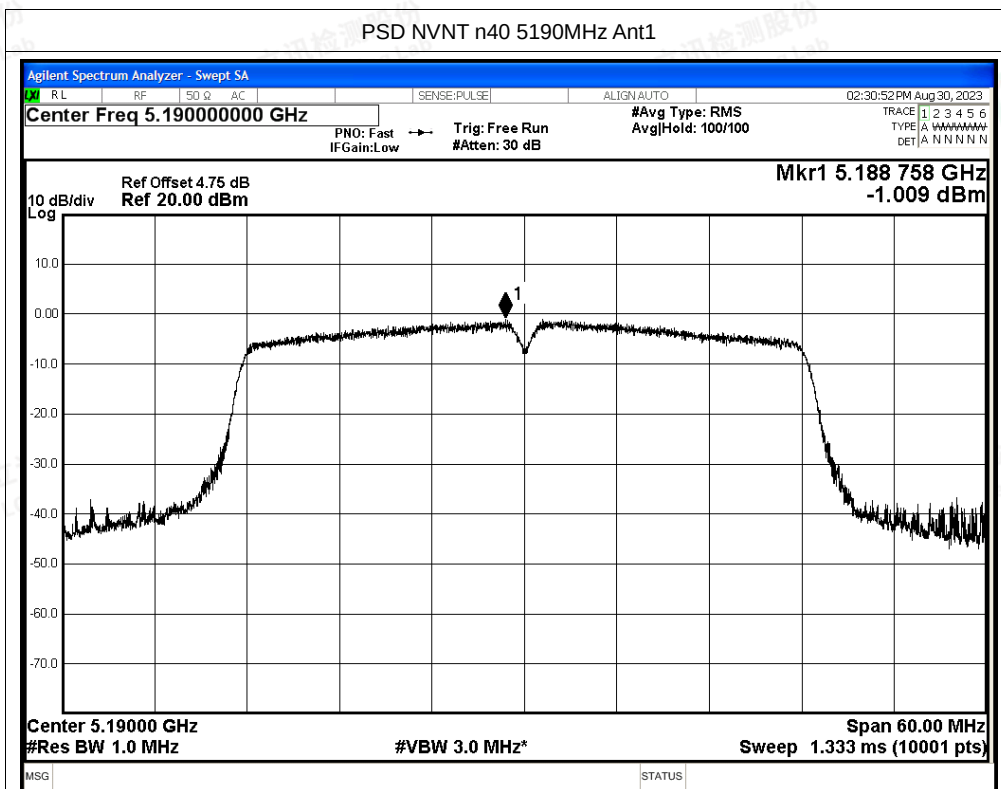
## PSD NVNT a 5240MHz Ant1



## PSD NVNT n20 5180MHz Ant1

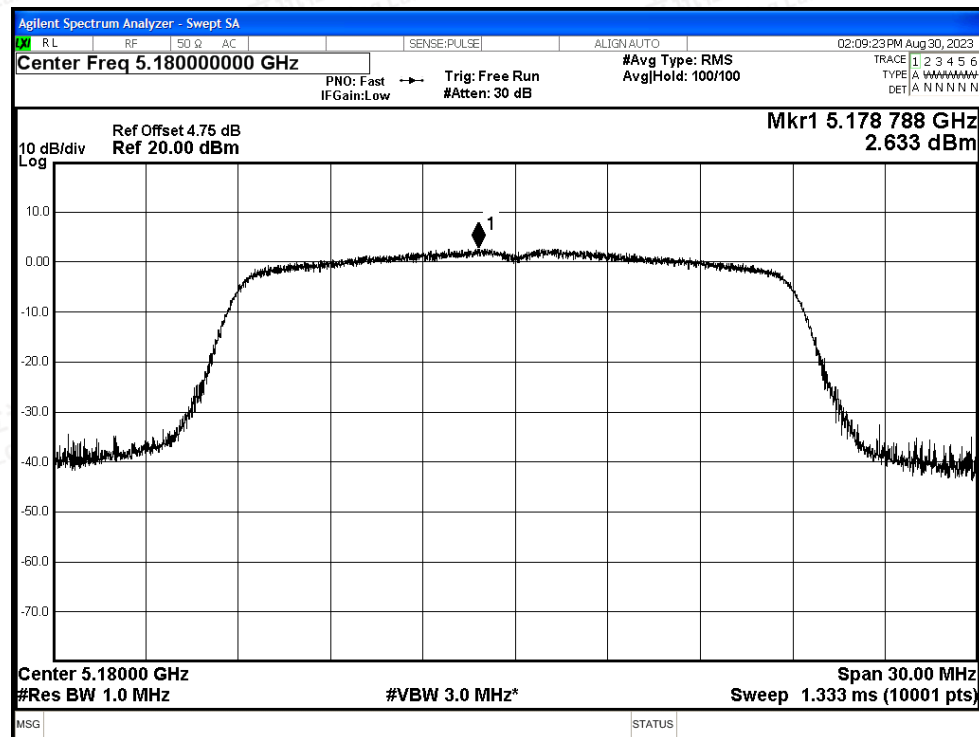




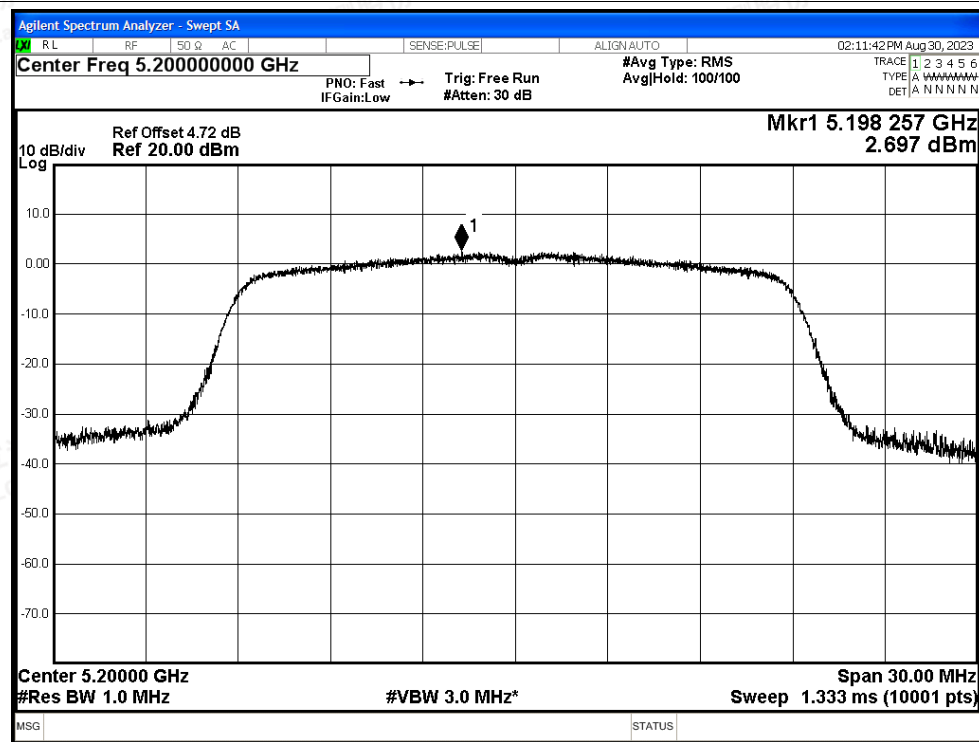




## PSD NVNT ac20 5180MHz Ant1

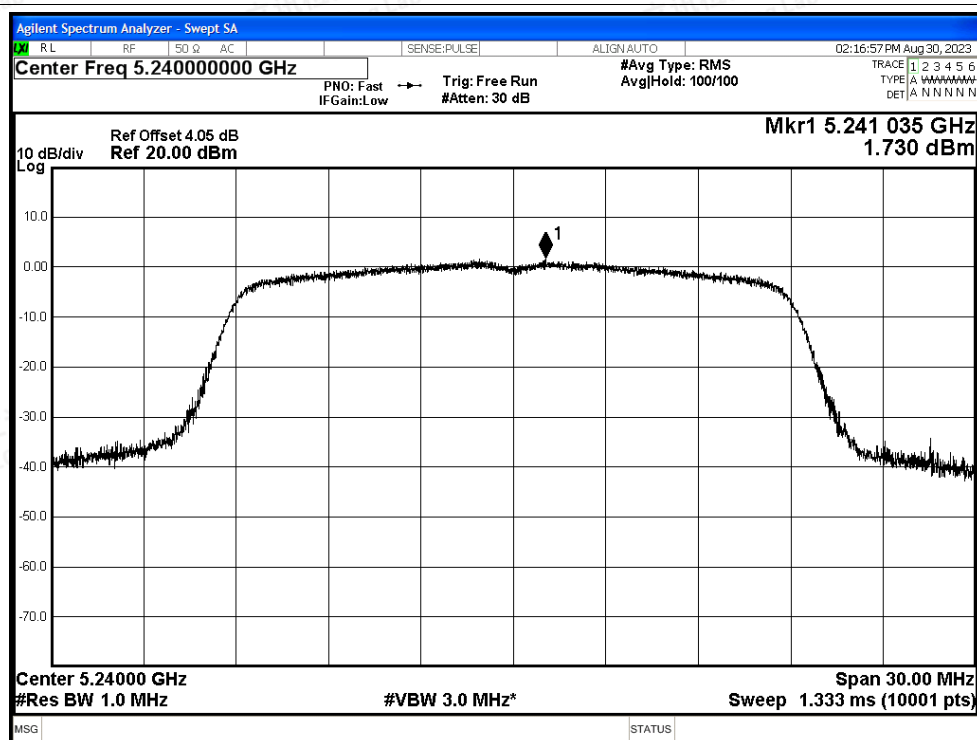


## PSD NVNT ac20 5200MHz Ant1

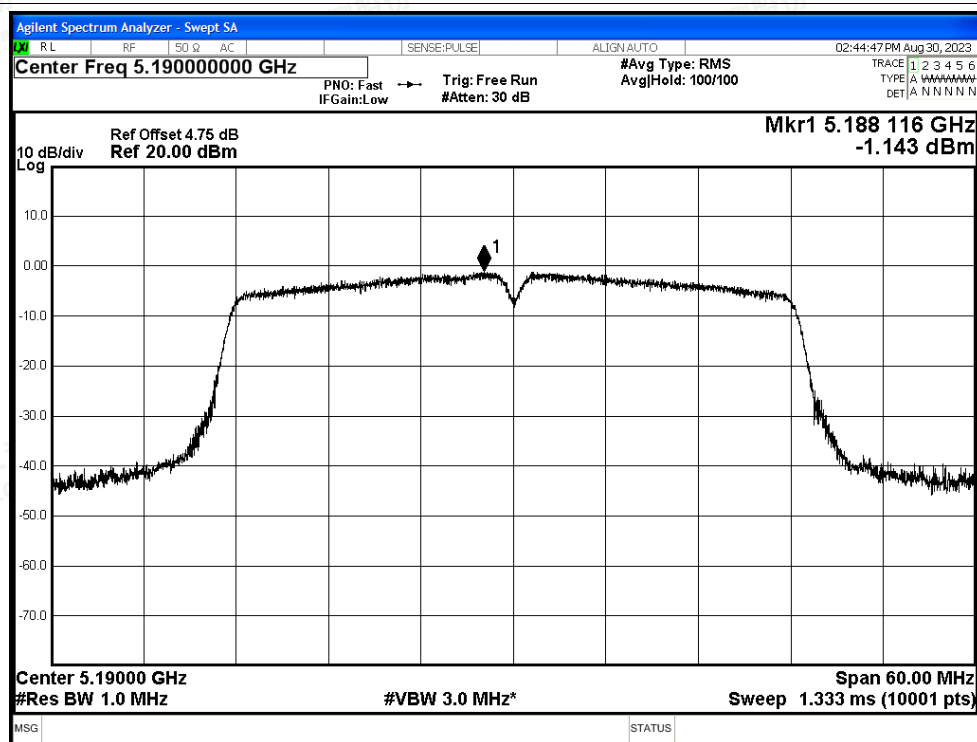




## PSD NVNT ac20 5240MHz Ant1

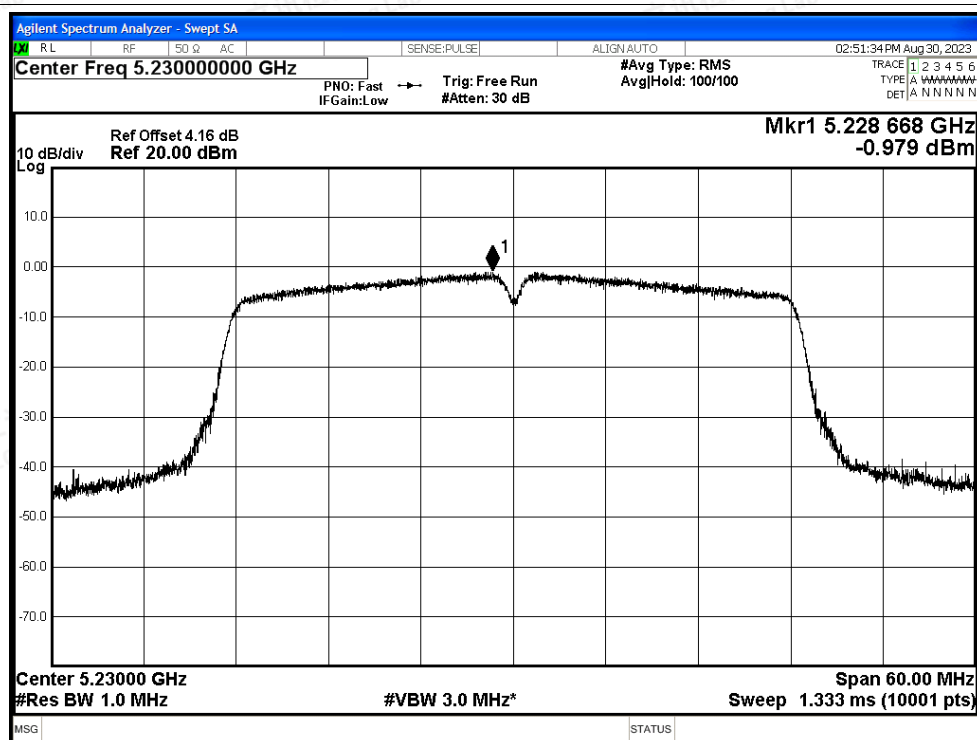


## PSD NVNT ac40 5190MHz Ant1

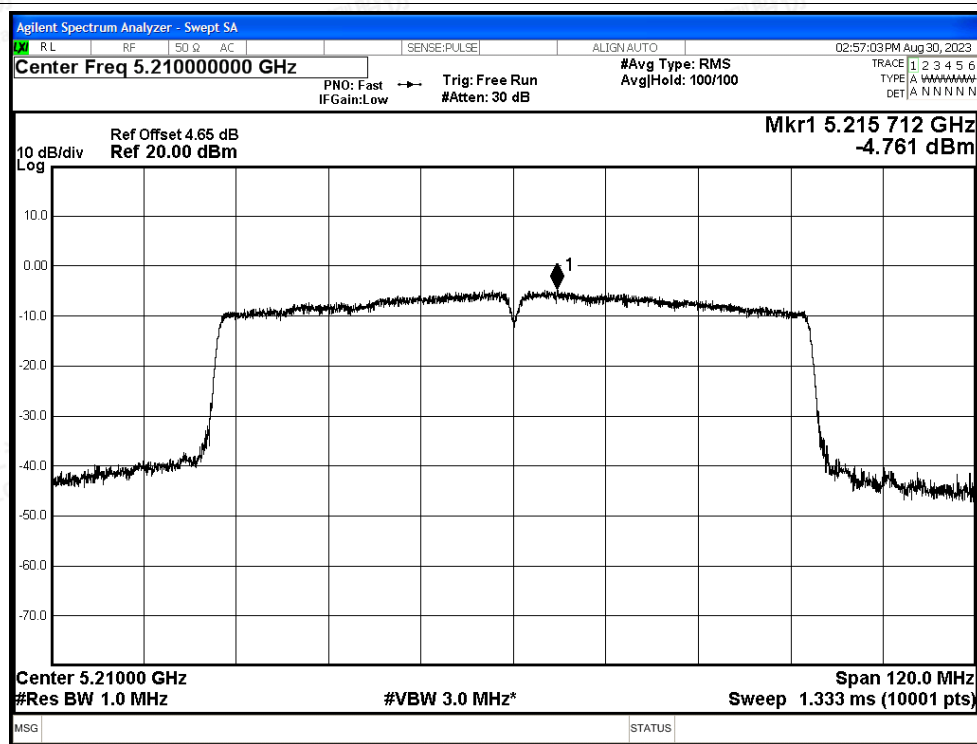




## PSD NVNT ac40 5230MHz Ant1



## PSD NVNT ac80 5210MHz Ant1





## 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            | -46.84      | 2          | 50.39      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4500            | -56.23      | 2          | 41         | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5146.8          | -33.75      | 2          | 63.48      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -45.62      | 2          | 51.61      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -35.82      | 2          | 61.41      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -44.96      | 2          | 52.27      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -46.58      | 2          | 50.65      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -53.99      | 2          | 43.24      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5401.68         | -44.75      | 2          | 52.48      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5353.2          | -53.93      | 2          | 43.3       | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -48.17      | 2          | 49.06      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -55.59      | 2          | 41.64      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -48.95      | 2          | 48.28      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -56.1       | 2          | 41.13      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5141.9          | -41.98      | 2          | 55.25      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5149.6          | -51.77      | 2          | 45.46      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -45.54      | 2          | 51.69      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -51.92      | 2          | 45.31      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -46.64      | 2          | 50.59      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -54.04      | 2          | 43.19      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5381.28         | -44.45      | 2          | 52.78      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5353.2          | -53.92      | 2          | 43.31      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -48.81      | 2          | 48.42      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -55.52      | 2          | 41.71      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -49.66      | 2          | 47.57      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -56.07      | 2          | 41.16      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5149.7          | -43.28      | 2          | 53.95      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5148.97         | -52.3       | 2          | 44.93      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -43.28      | 2          | 53.95      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -52.44      | 2          | 44.79      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -47.69      | 2          | 49.54      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -54.1       | 2          | 43.13      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5364.15         | -43.66      | 2          | 53.57      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5352.54         | -53.81      | 2          | 43.42      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -48.75      | 2          | 48.48      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -55.52      | 2          | 41.71      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -49.29      | 2          | 47.94      | Peak     | 68.2           | Pass    |



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|      |      |      |      |         |        |   |       |         |      |      |
|------|------|------|------|---------|--------|---|-------|---------|------|------|
| NVNT | ac20 | 5180 | Ant1 | 4500    | -56.08 | 2 | 41.15 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -34.1  | 2 | 63.13 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -44.63 | 2 | 52.6  | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -30.72 | 2 | 66.51 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -43.97 | 2 | 53.26 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -48.75 | 2 | 48.48 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -54.31 | 2 | 42.92 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5373.12 | -44.98 | 2 | 52.25 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5352.72 | -54.15 | 2 | 43.08 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -48.45 | 2 | 48.78 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -55.68 | 2 | 41.55 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -49.85 | 2 | 47.38 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -56    | 2 | 41.23 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5036.55 | -44.7  | 2 | 52.53 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5148.97 | -52.8  | 2 | 44.43 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -47.1  | 2 | 50.13 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -52.87 | 2 | 44.36 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -46.91 | 2 | 50.32 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -53.77 | 2 | 43.46 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350.38 | -45.27 | 2 | 51.96 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5363.61 | -53.73 | 2 | 43.5  | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -48.9  | 2 | 48.33 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -55.37 | 2 | 41.86 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -42.24 | 2 | 54.99 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -49.57 | 2 | 47.66 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5363.64 | -39.21 | 2 | 58.02 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5356.71 | -49.05 | 2 | 48.18 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -48.41 | 2 | 48.82 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -54.73 | 2 | 42.5  | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -47.8  | 2 | 49.43 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -55.77 | 2 | 41.46 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5147.8  | -43.19 | 2 | 54.04 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5149.38 | -51.7  | 2 | 45.53 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -44.97 | 2 | 52.26 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -51.72 | 2 | 45.51 | Average | 54   | Pass |



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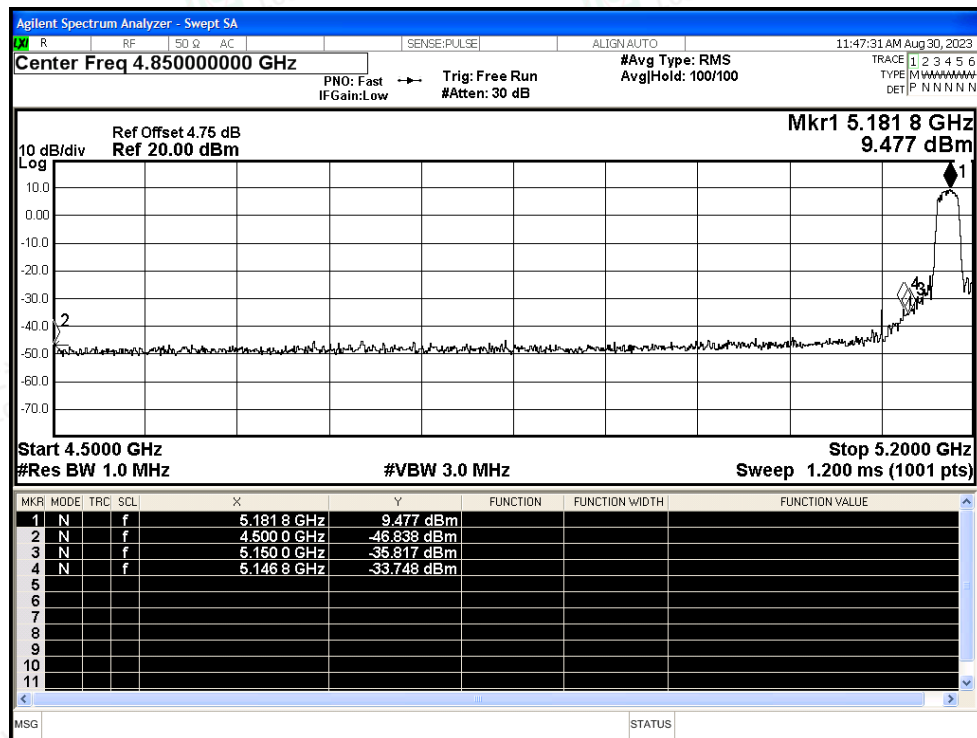
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

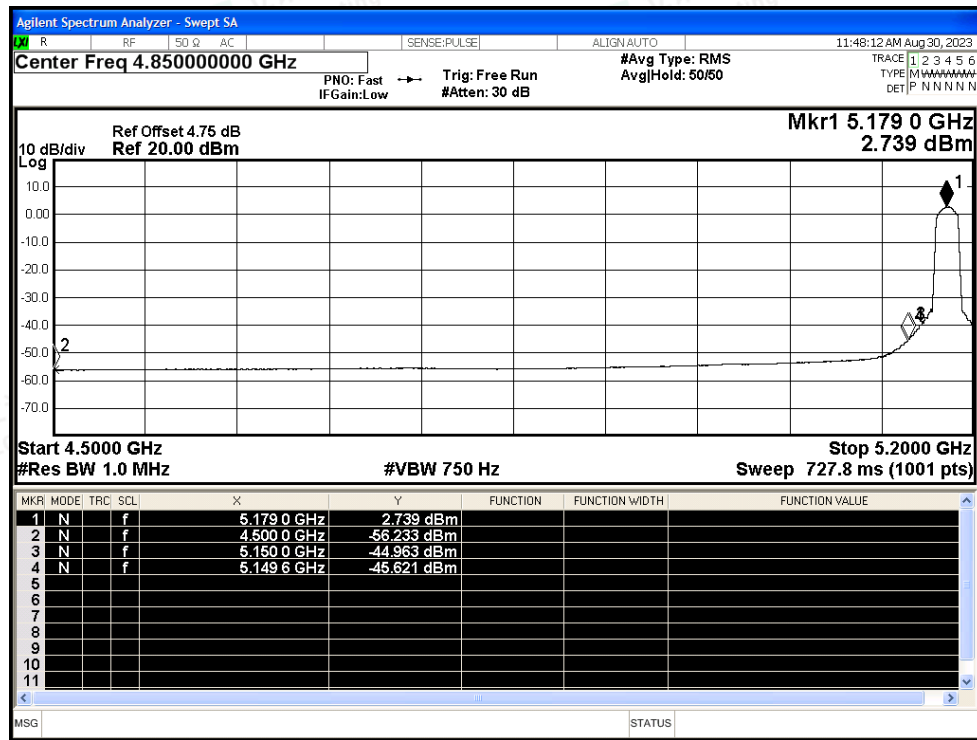


## Test Graphs

## Restrict Band NVNT a 5180MHz Ant1 Peak



## Restrict Band NVNT a 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

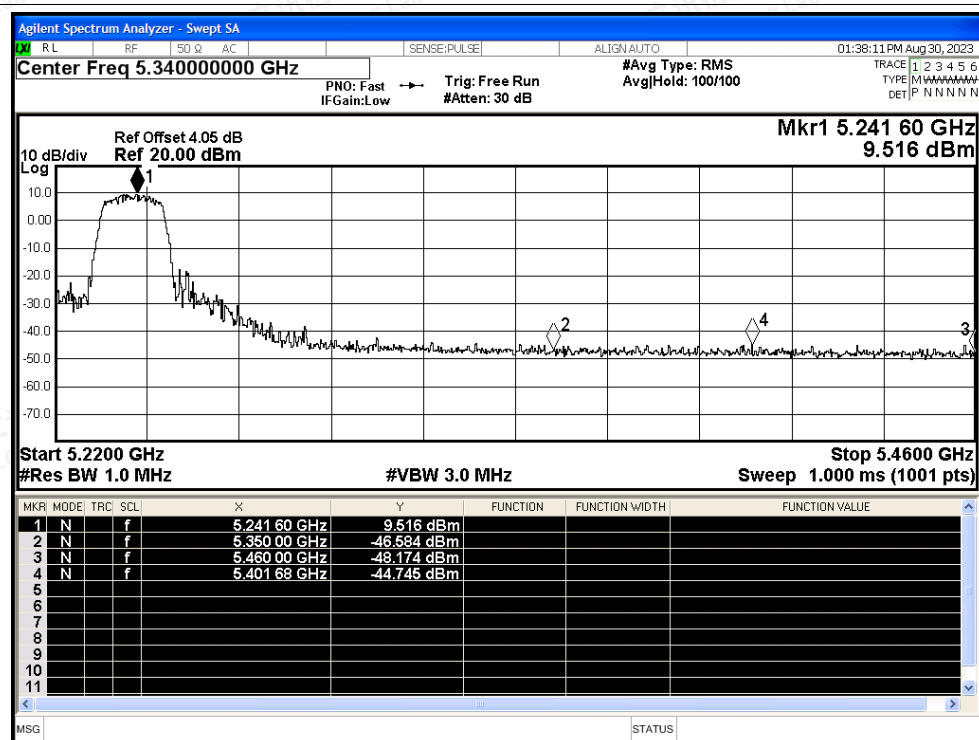
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

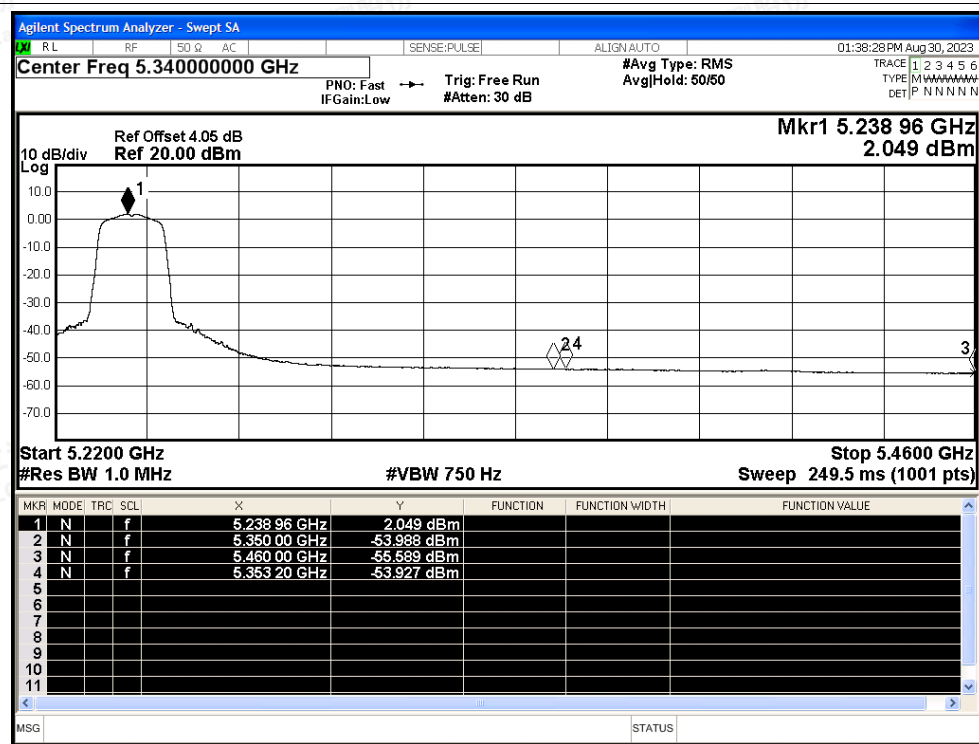
Scan code to check authenticity



## Restrict Band NVNT a 5240MHz Ant1 Peak



## Restrict Band NVNT a 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

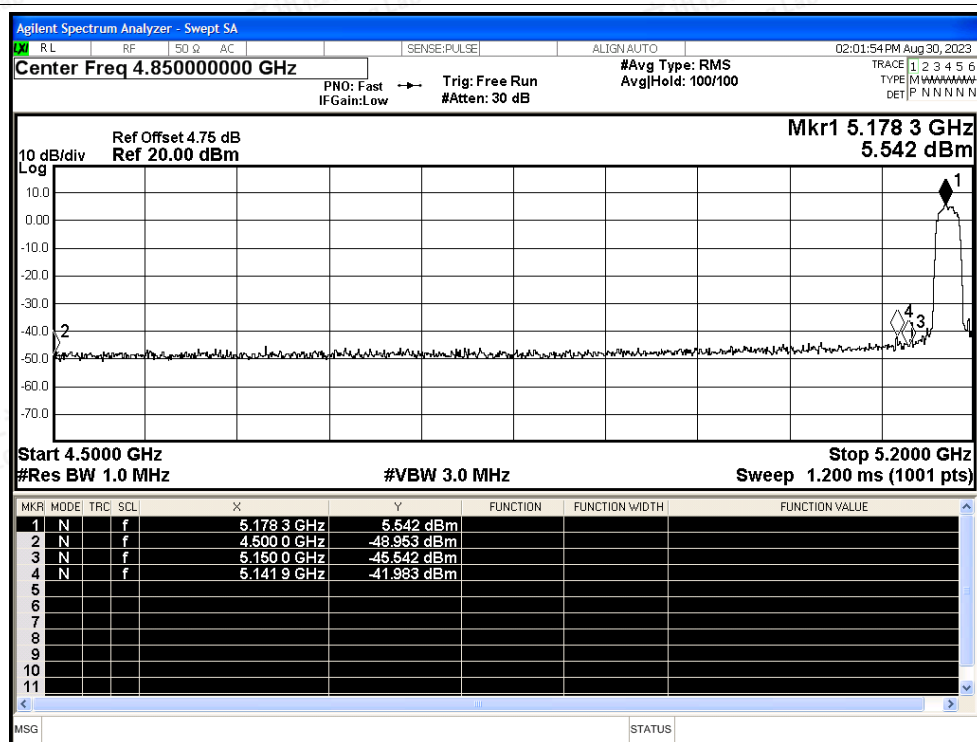
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

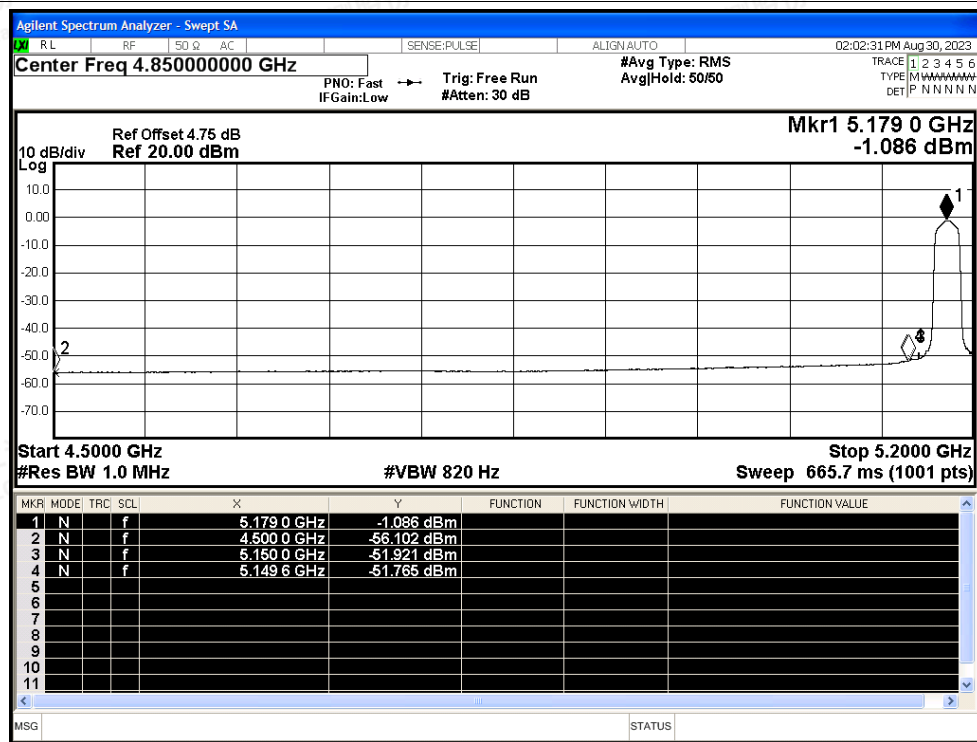
Scan code to check authenticity



## Restrict Band NVNT n20 5180MHz Ant1 Peak

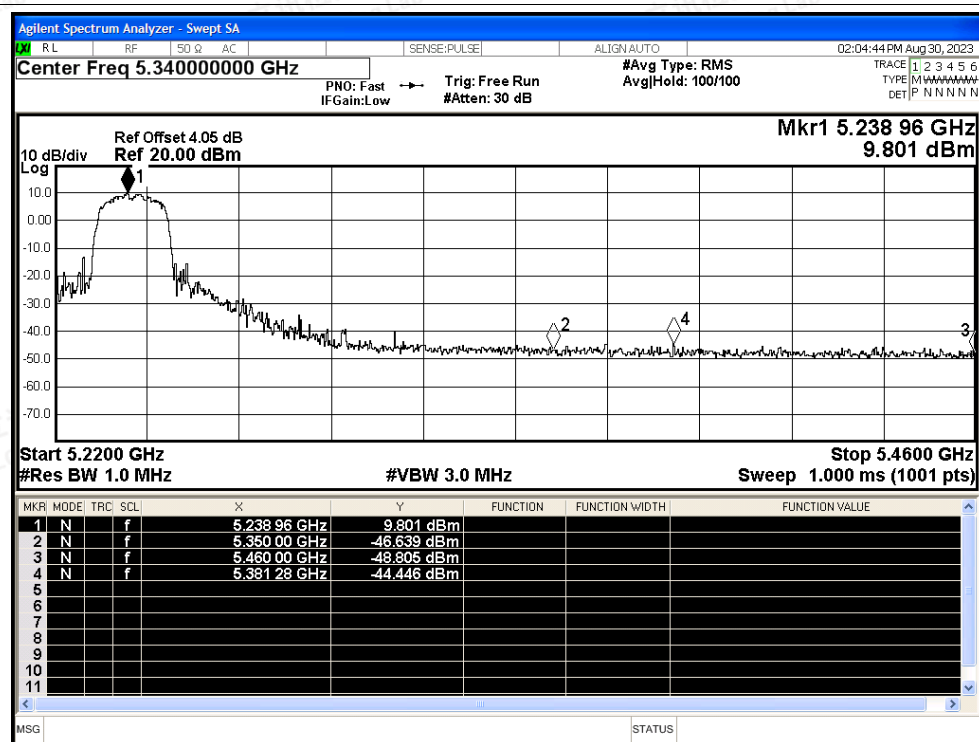


## Restrict Band NVNT n20 5180MHz Ant1 Average

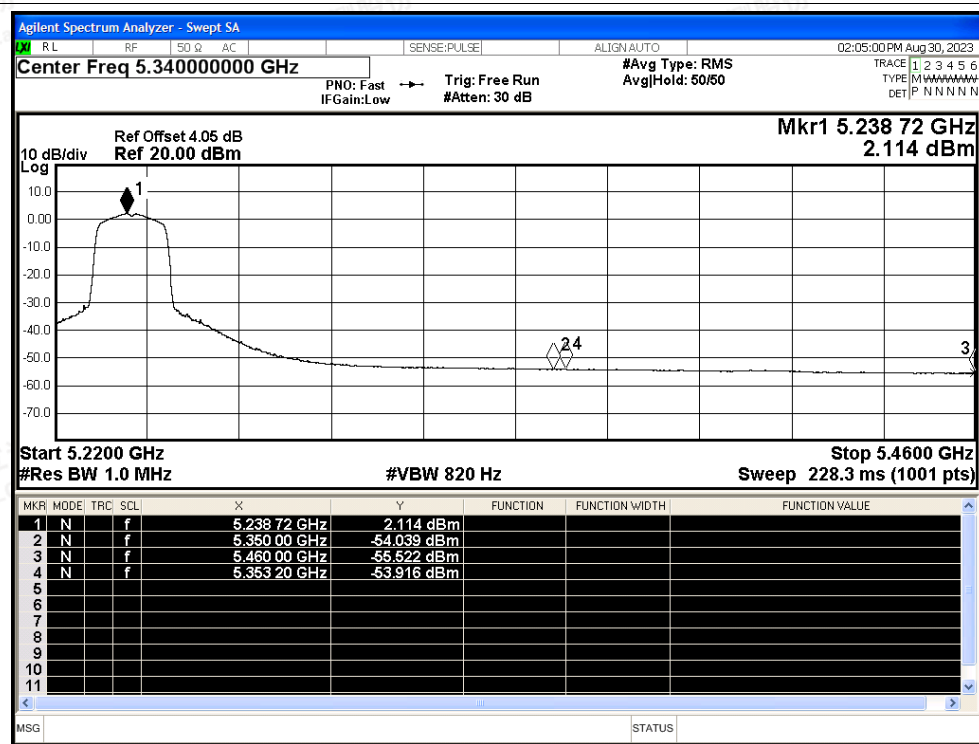




## Restrict Band NVNT n20 5240MHz Ant1 Peak



## Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

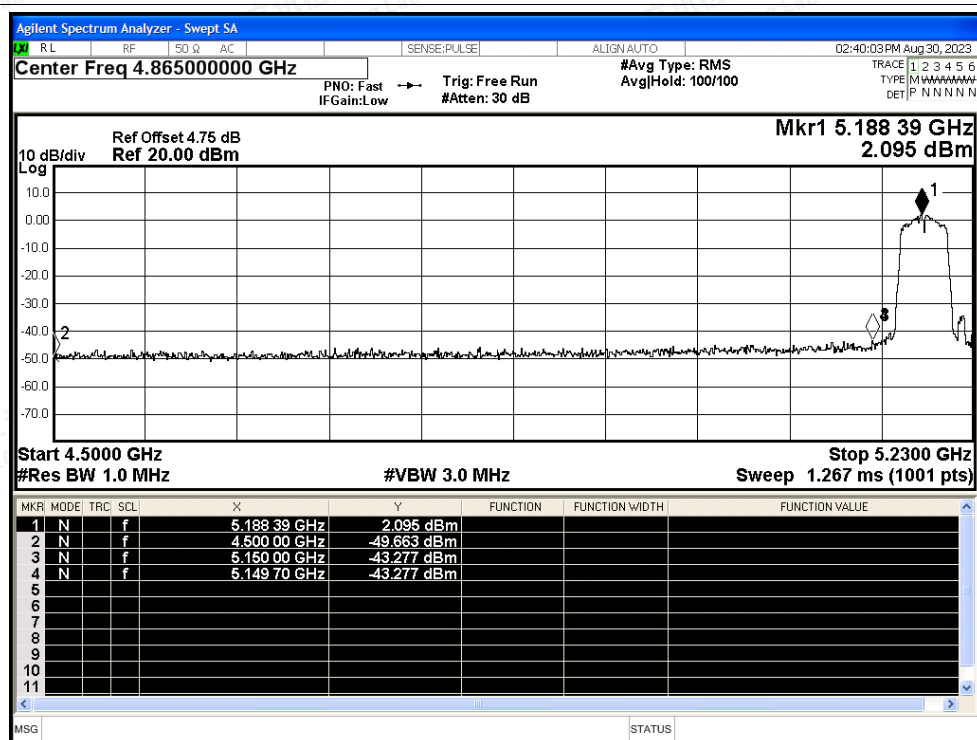
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

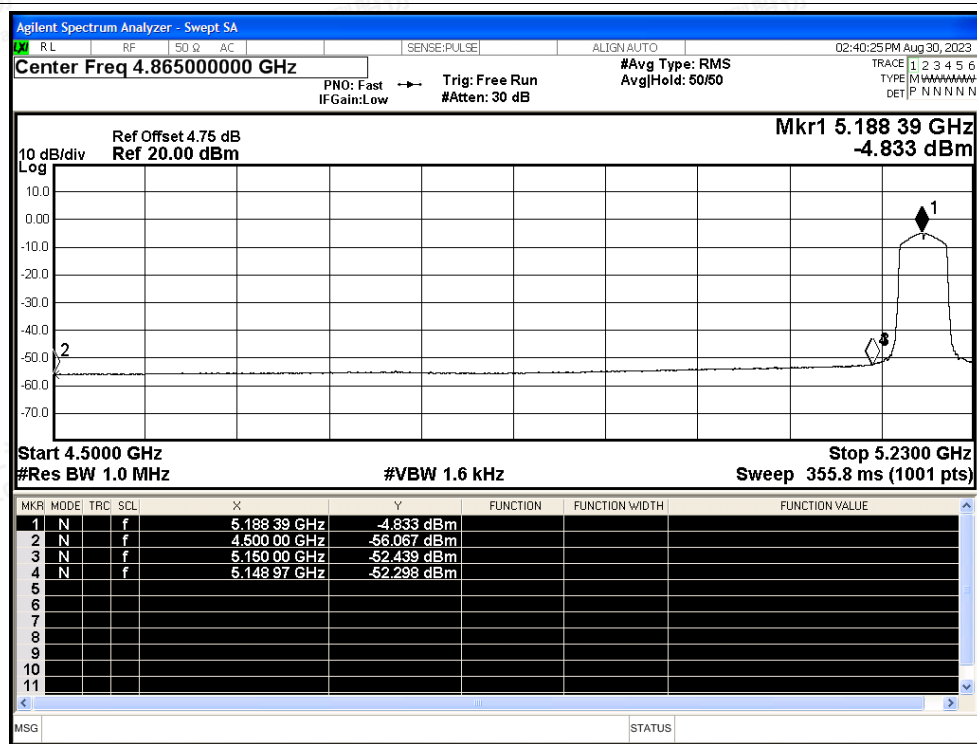
Scan code to check authenticity



## Restrict Band NVNT n40 5190MHz Ant1 Peak



## Restrict Band NVNT n40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

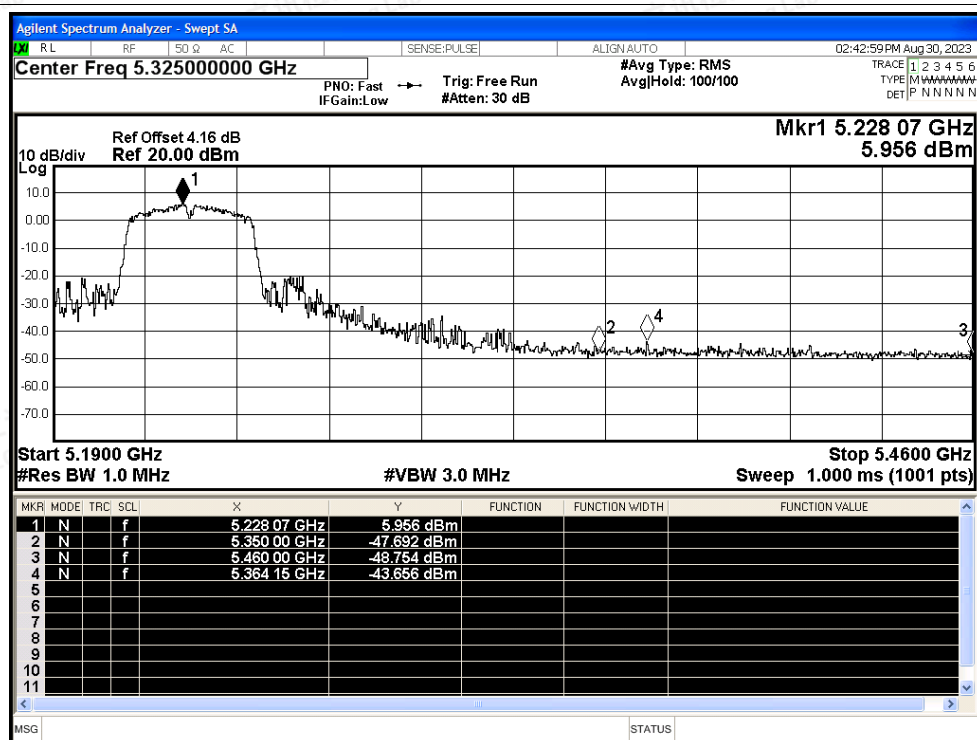
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

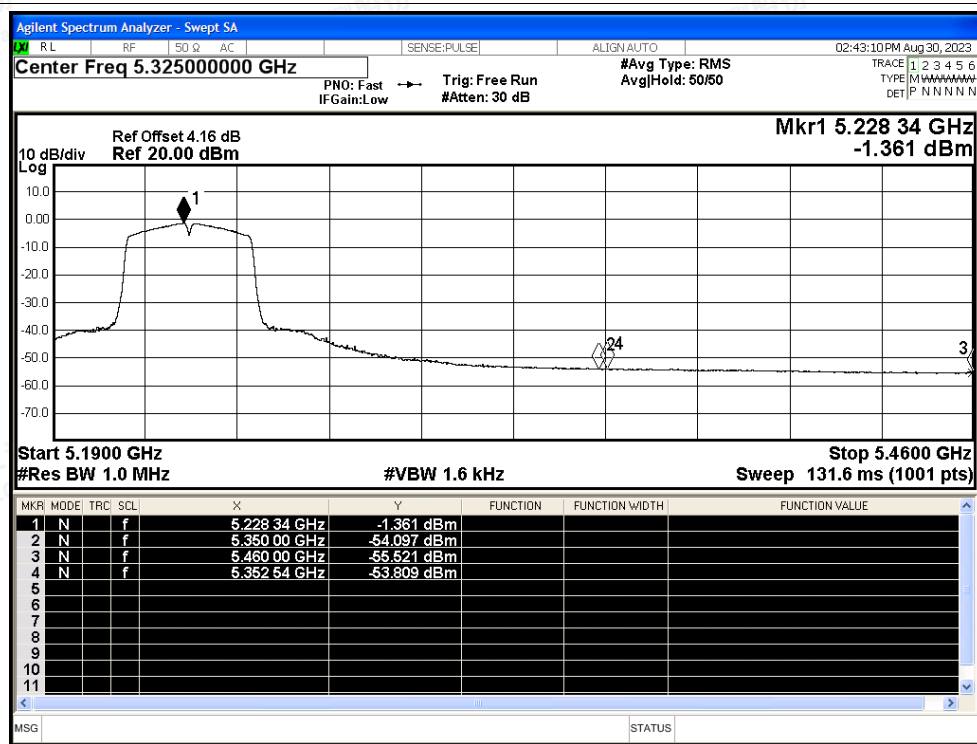
Scan code to check authenticity



## Restrict Band NVNT n40 5230MHz Ant1 Peak



## Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

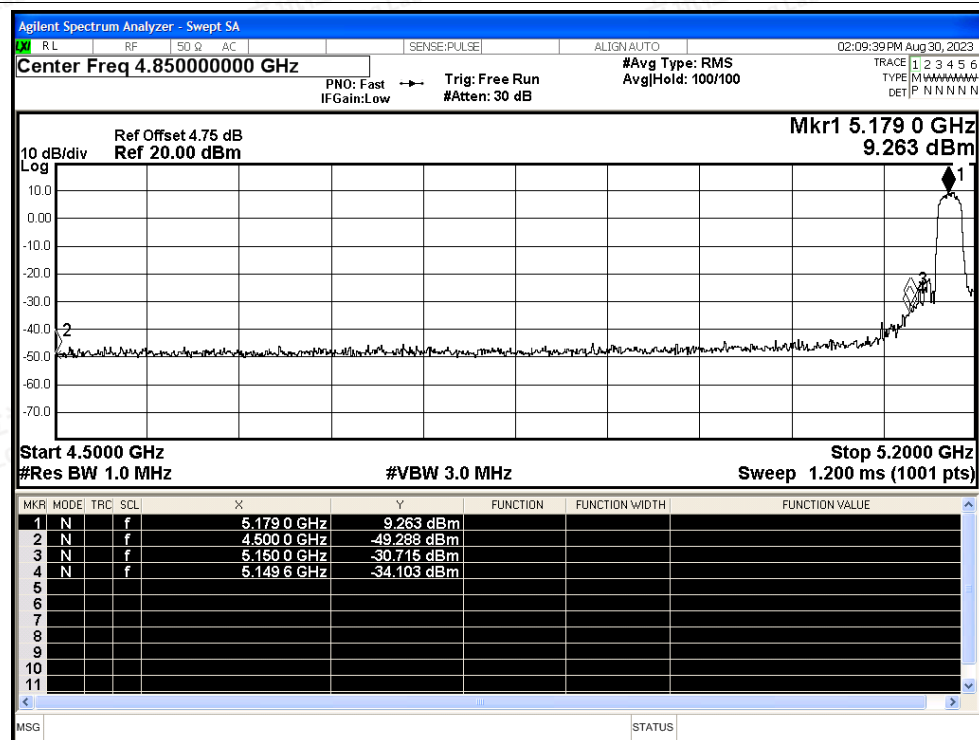
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

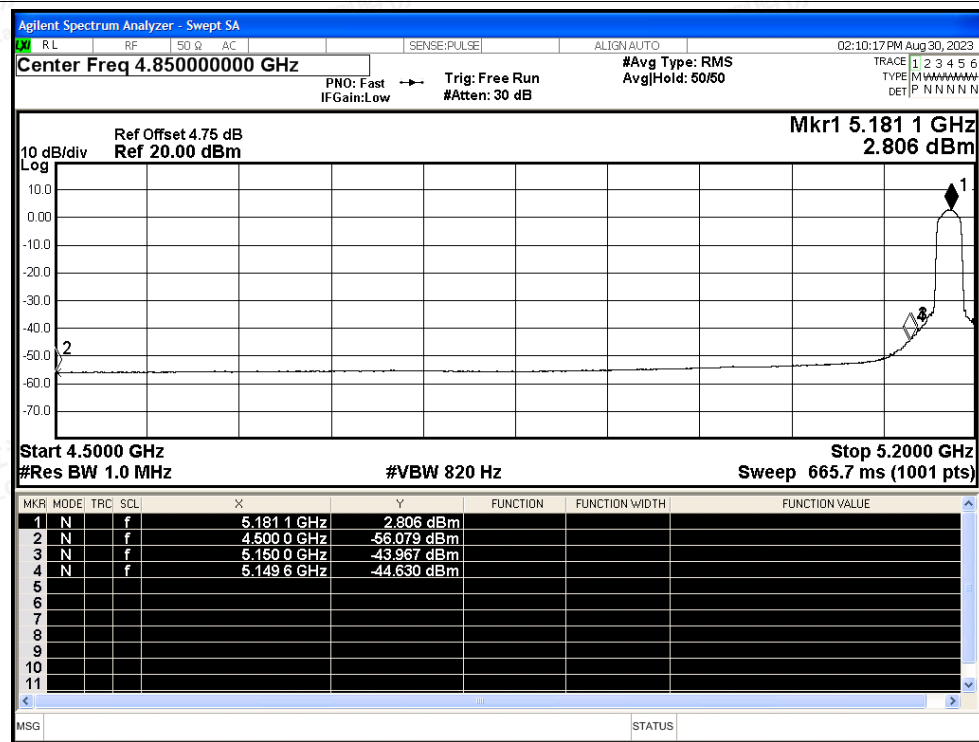
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## Restrict Band NVNT ac20 5180MHz Ant1 Peak

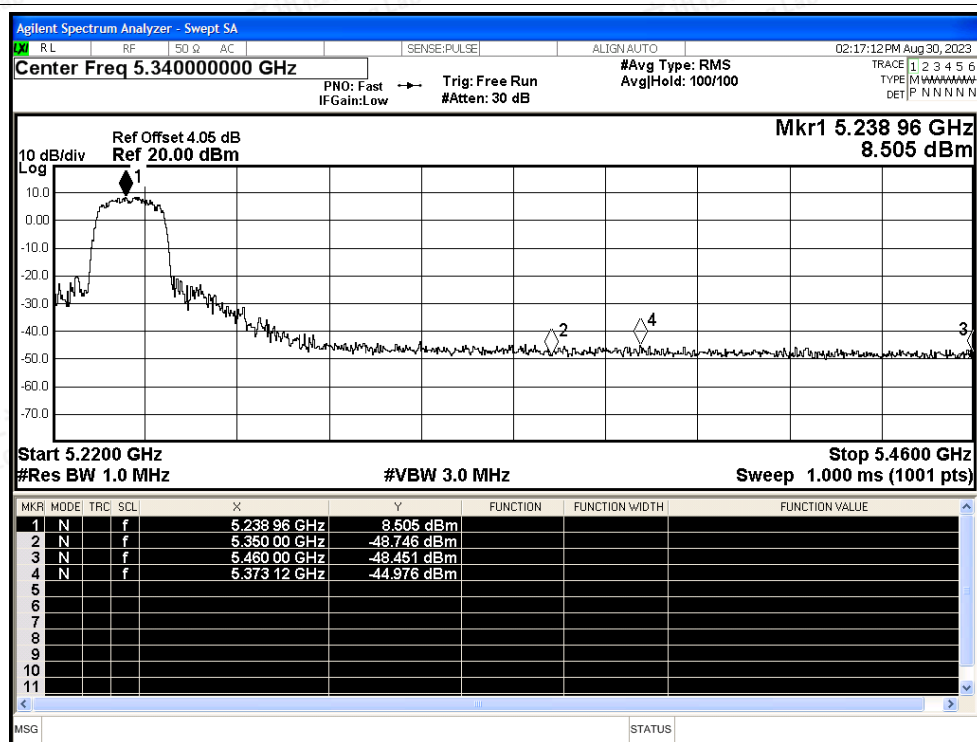


## Restrict Band NVNT ac20 5180MHz Ant1 Average

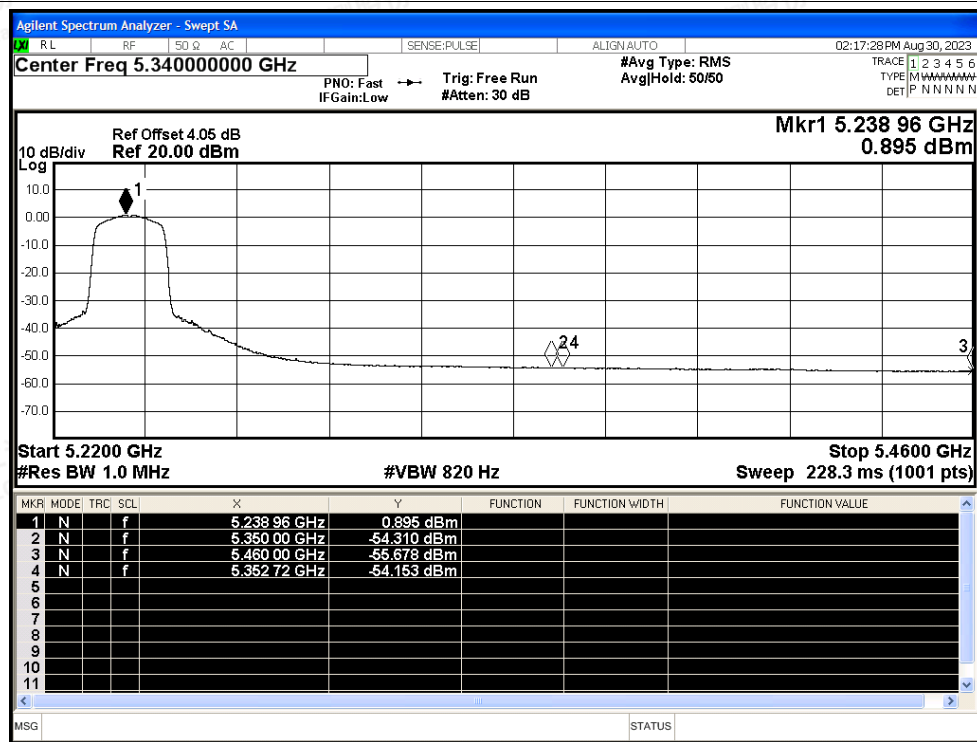




## Restrict Band NVNT ac20 5240MHz Ant1 Peak

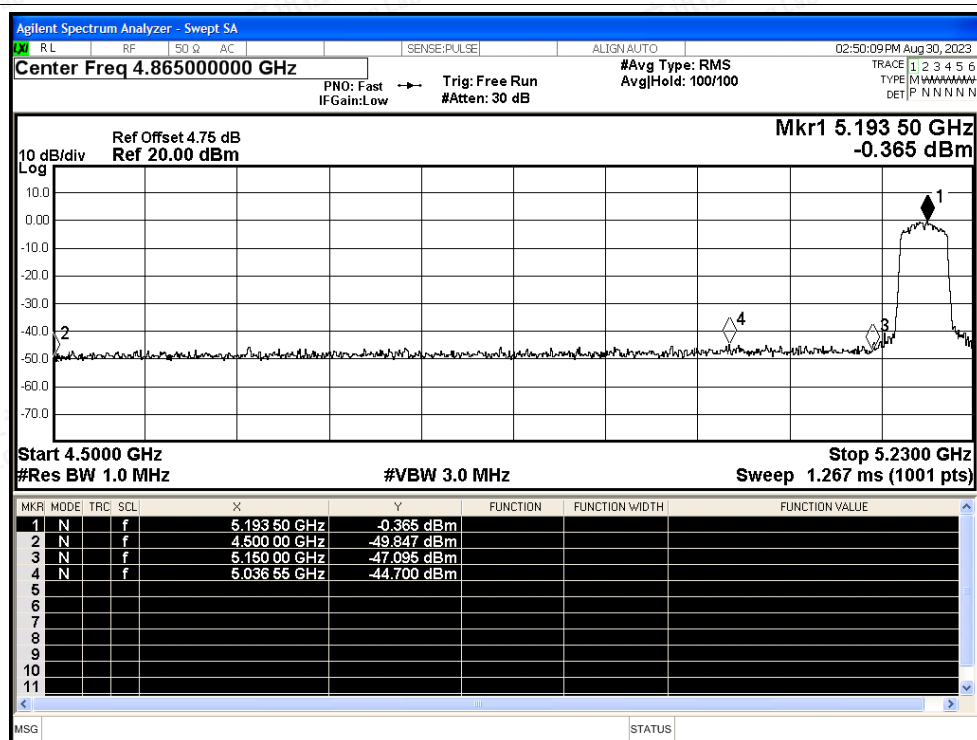


## Restrict Band NVNT ac20 5240MHz Ant1 Average

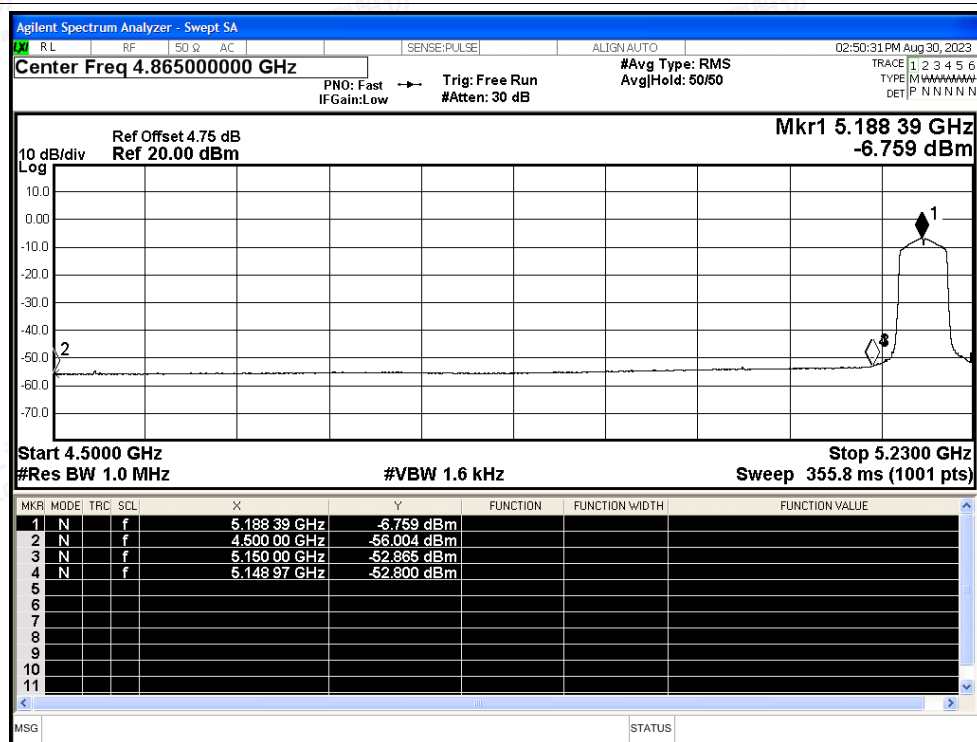




## Restrict Band NVNT ac40 5190MHz Ant1 Peak



## Restrict Band NVNT ac40 5190MHz Ant1 Average



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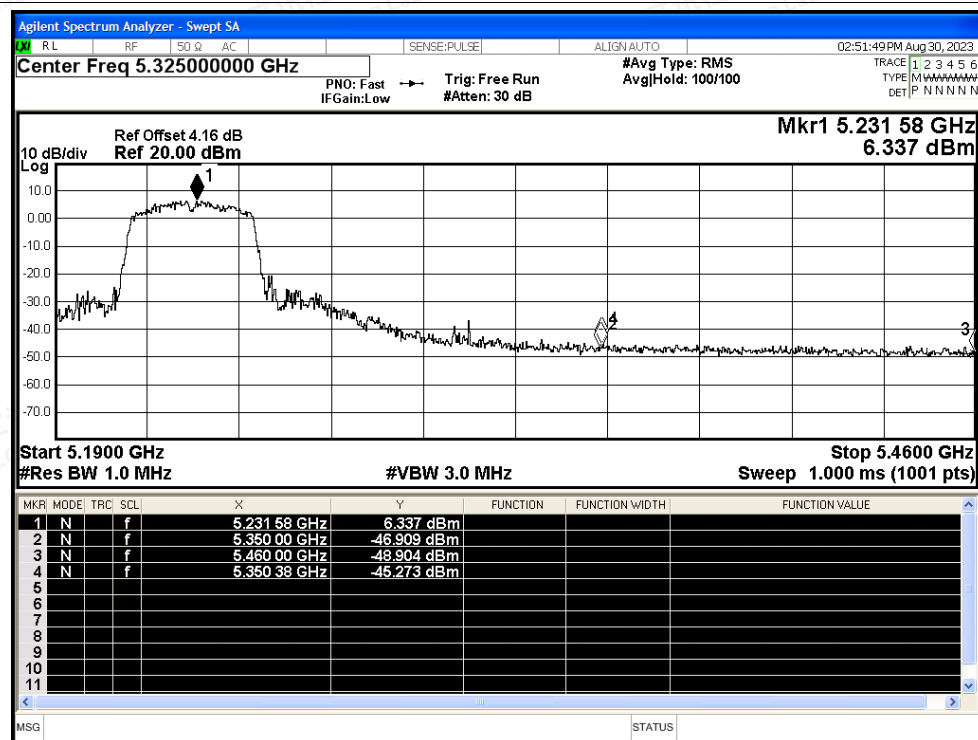
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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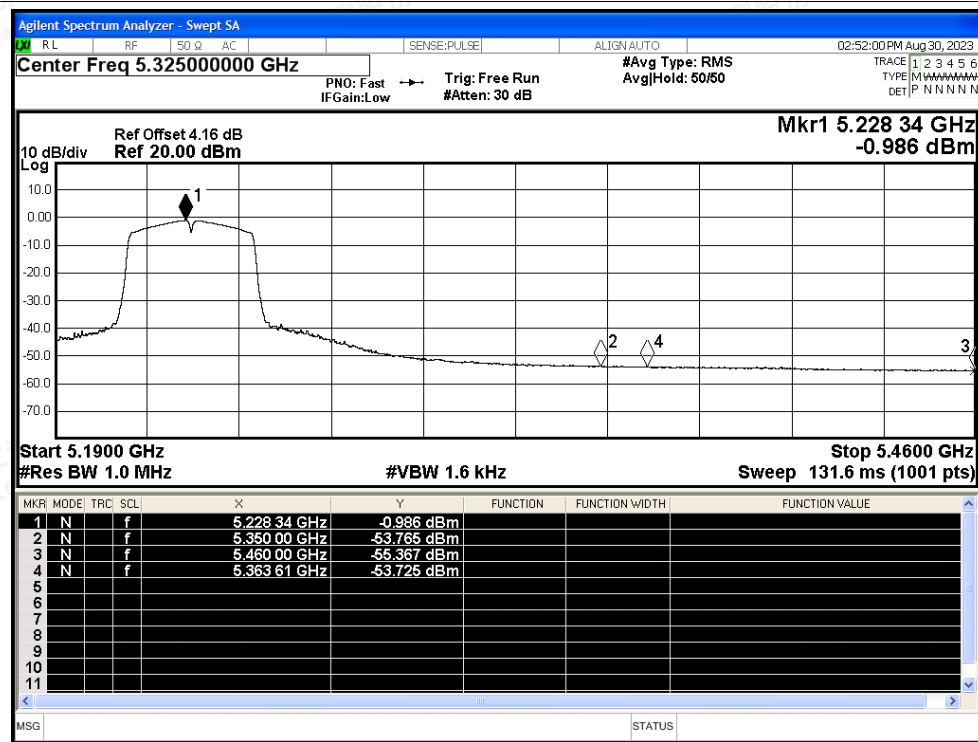
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## Restrict Band NVNT ac40 5230MHz Ant1 Peak



## Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

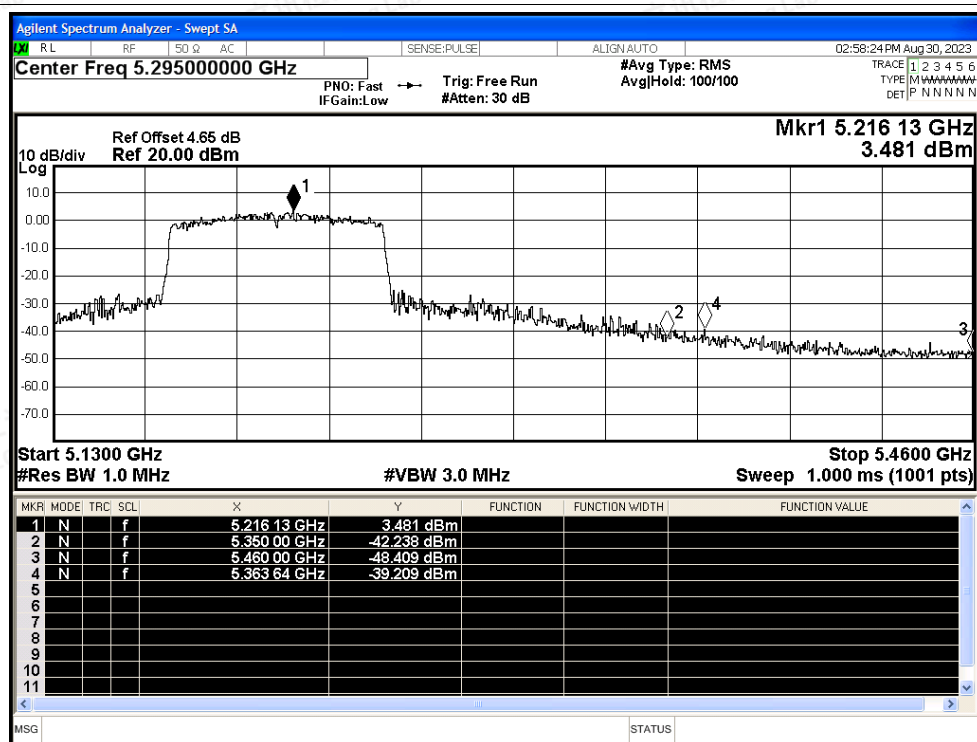
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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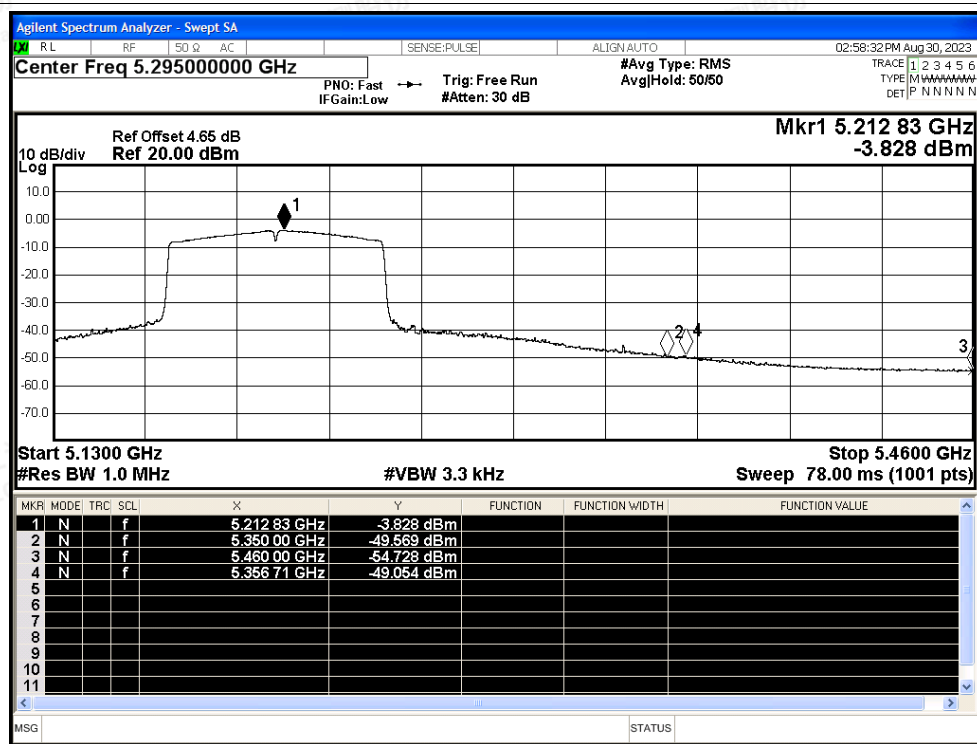
Scan code to check authenticity



## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

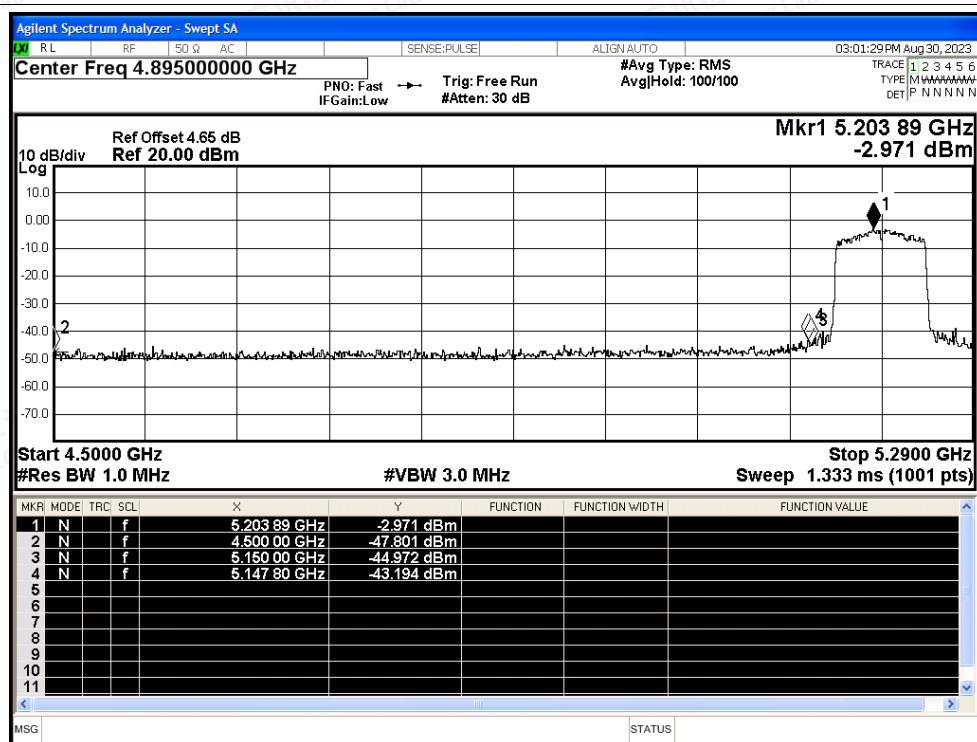
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

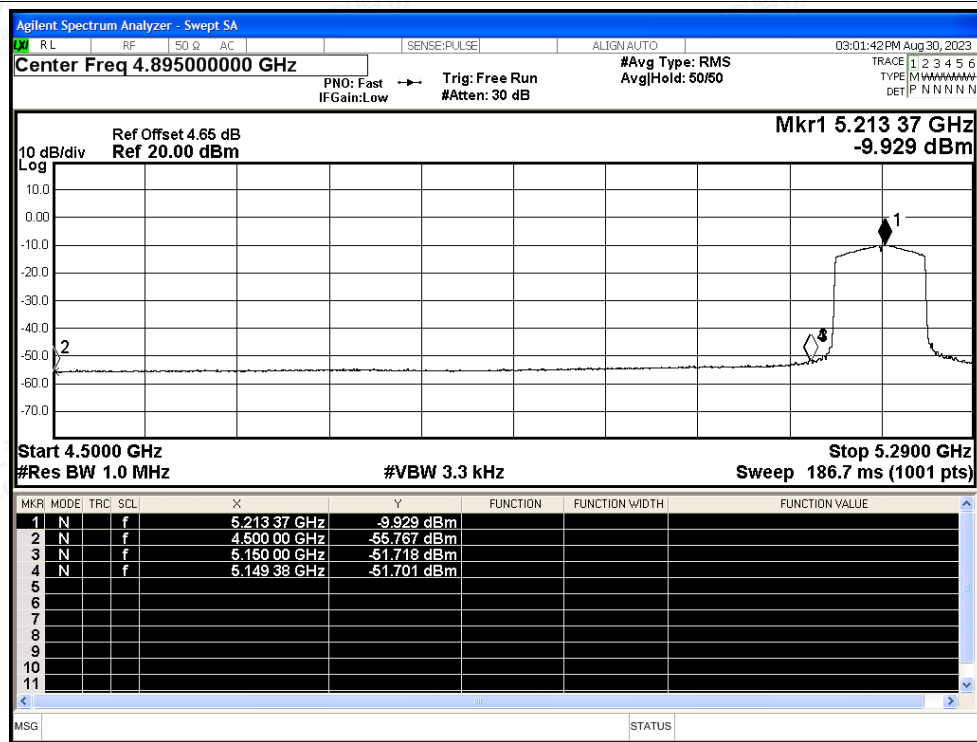
Scan code to check authenticity



## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average





## D.5 Frequency Stability

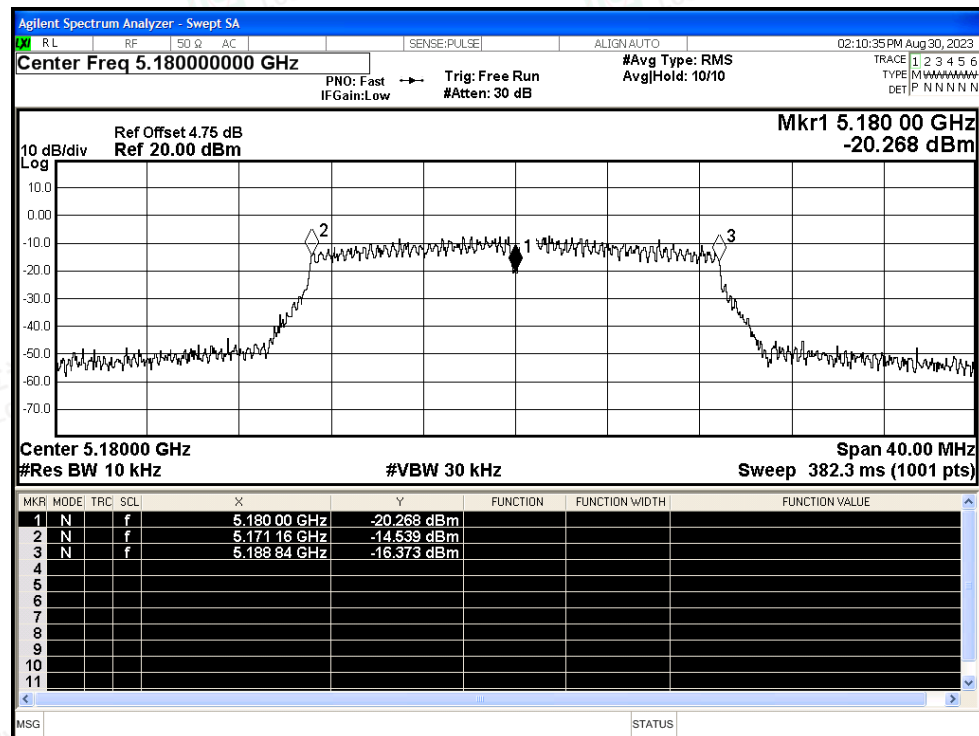
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ac20 | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 5190                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 5230                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 5210                     | 0                    | 0               | 25          | Pass    |



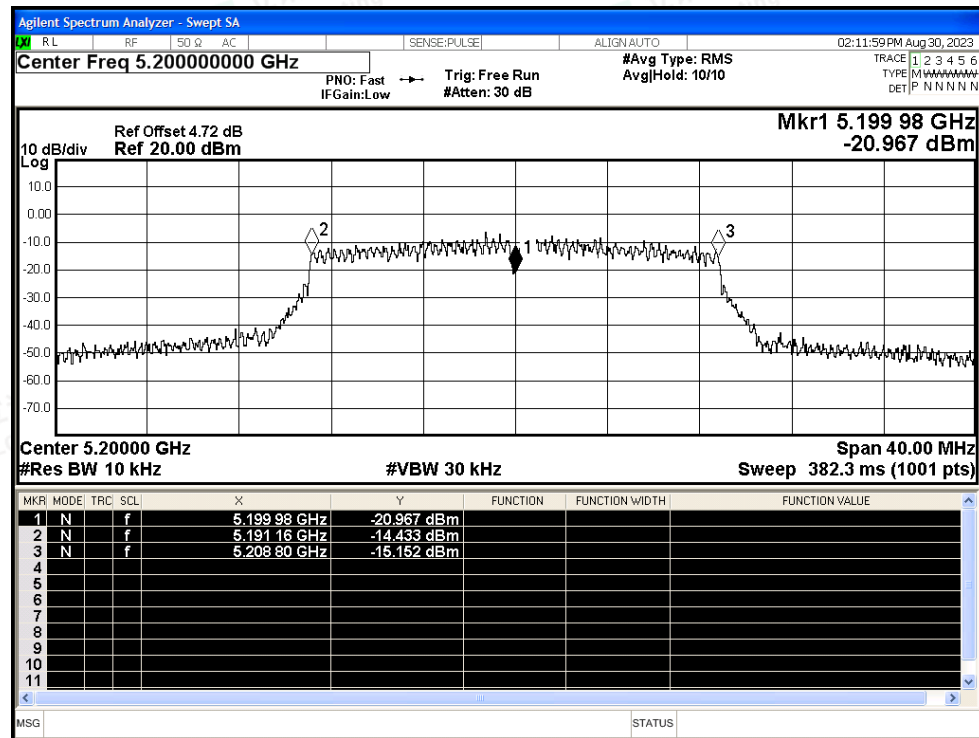


## Test Graphs

## Freq. Stability NVNT ac20 5180MHz Ant1



## Freq. Stability NVNT ac20 5200MHz Ant1



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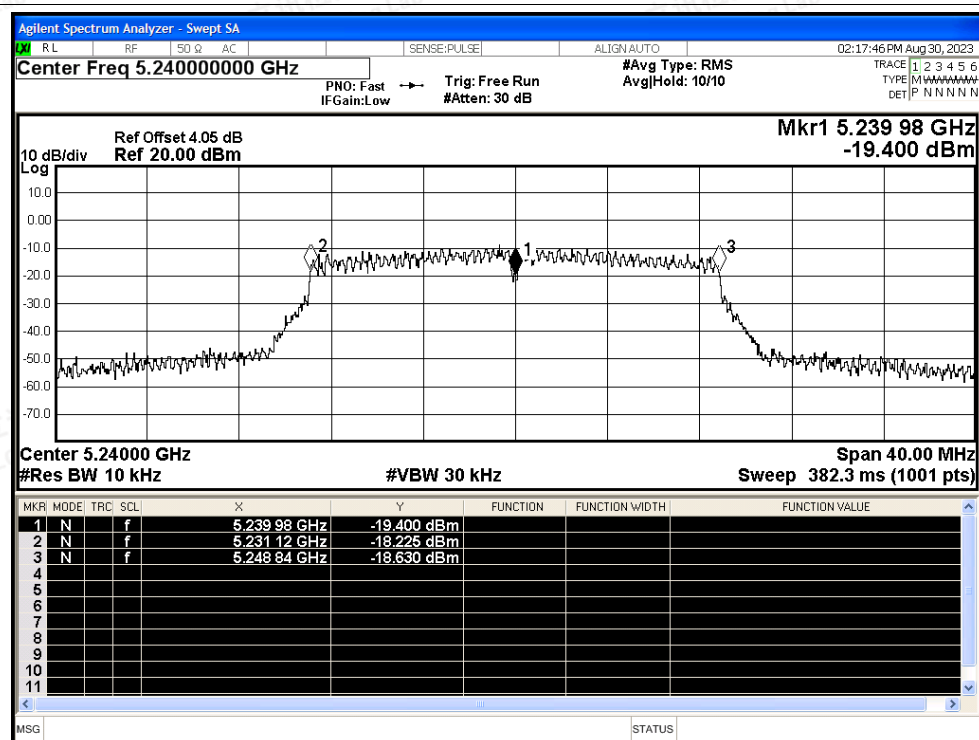
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

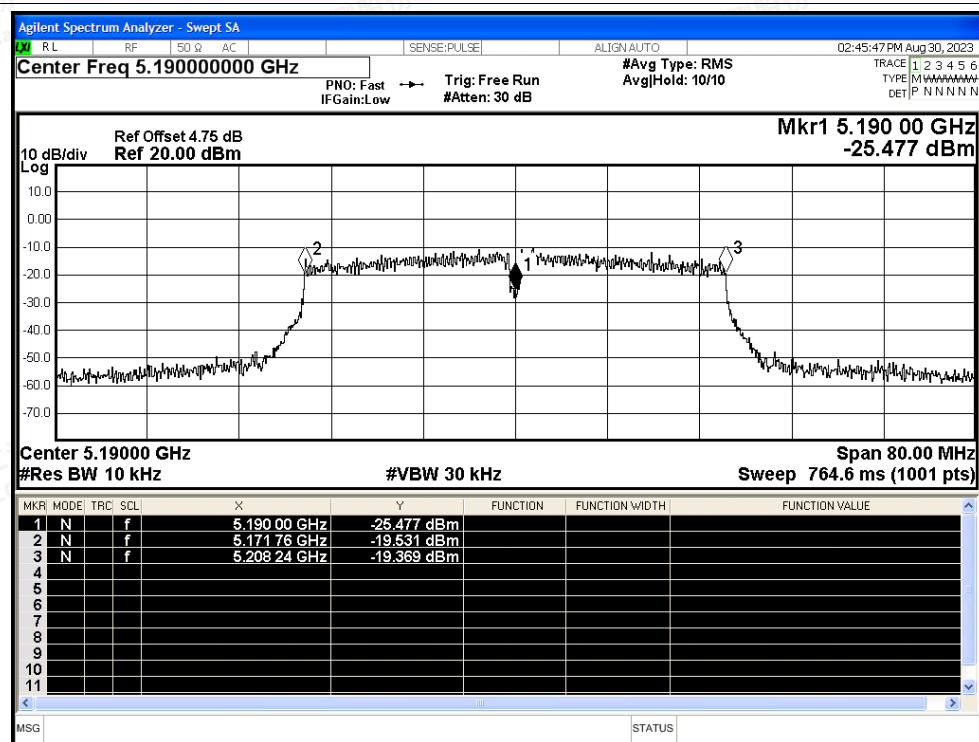
Scan code to check authenticity



## Freq. Stability NVNT ac20 5240MHz Ant1



## Freq. Stability NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

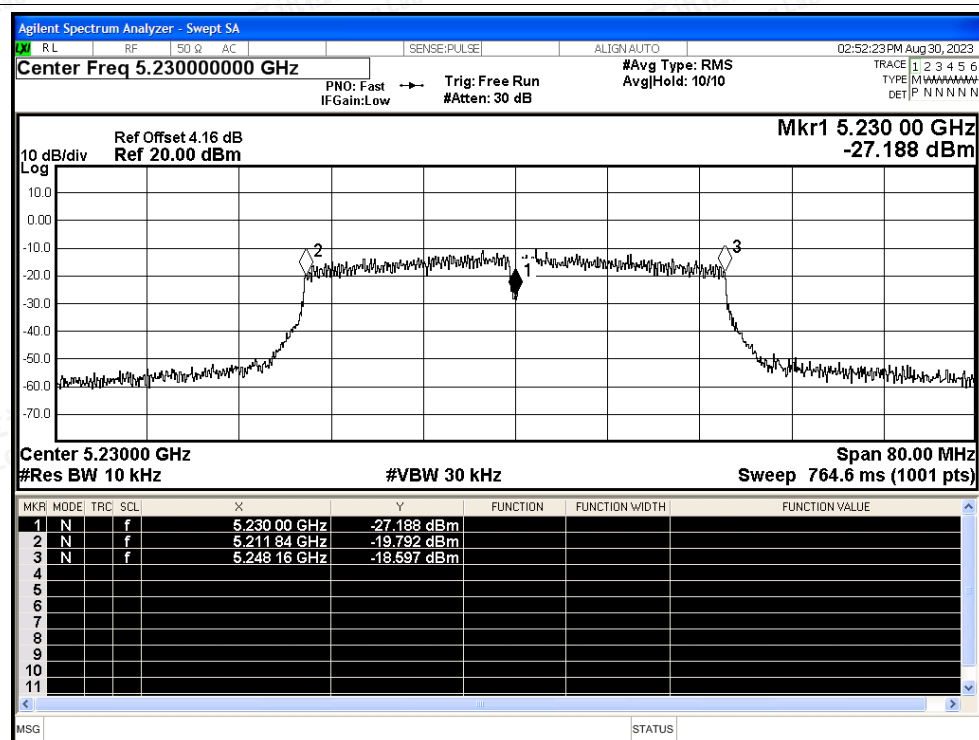
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

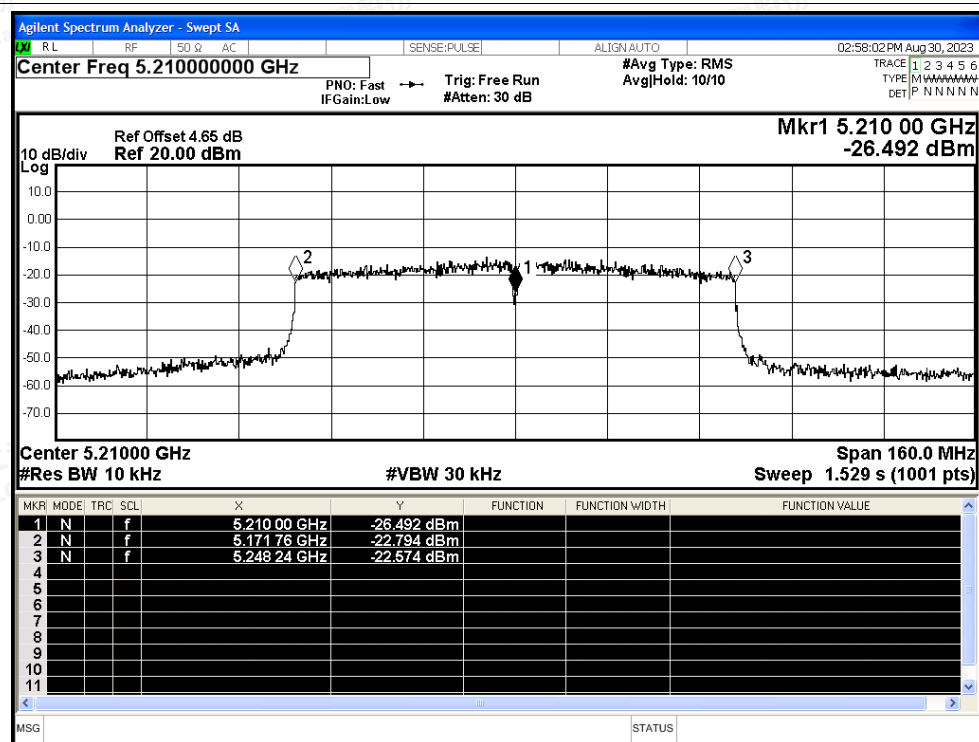
Scan code to check authenticity



## Freq. Stability NVNT ac40 5230MHz Ant1



## Freq. Stability NVNT ac80 5210MHz Ant1



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## D.6 Duty Cycle

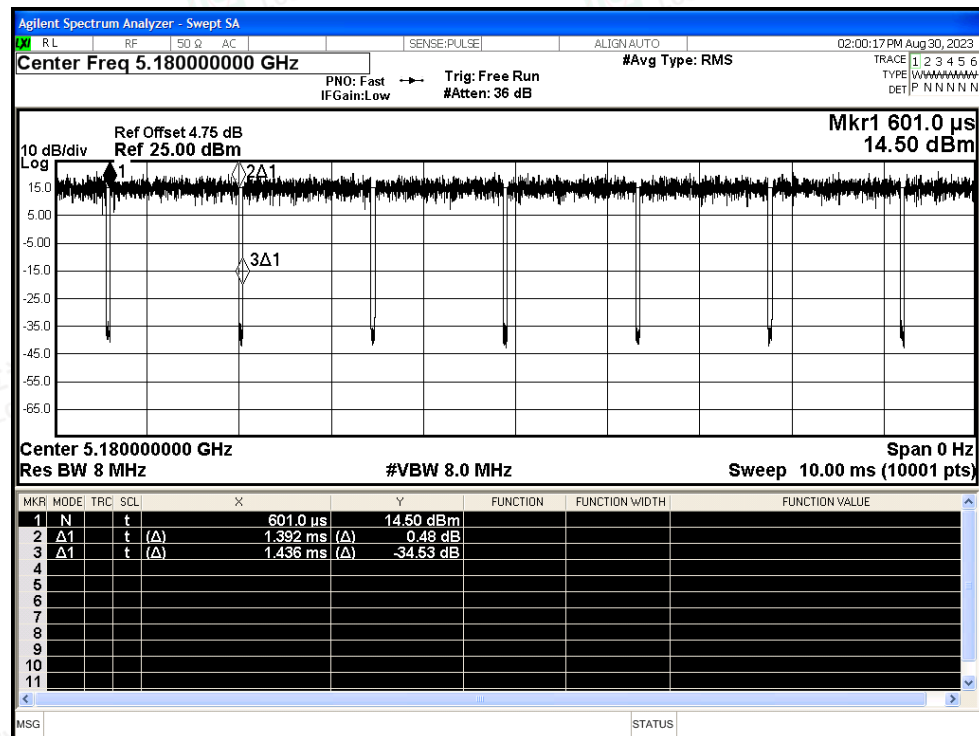
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | a    | 5200            | Ant1    | 96.87          | 0.14                   | 0.72      |
| NVNT      | a    | 5240            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | n20  | 5180            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n20  | 5200            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n20  | 5240            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n40  | 5190            | Ant1    | 93.53          | 0.29                   | 1.57      |
| NVNT      | n40  | 5230            | Ant1    | 93.68          | 0.28                   | 1.57      |
| NVNT      | ac20 | 5180            | Ant1    | 96.77          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5200            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5240            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac40 | 5190            | Ant1    | 93.82          | 0.28                   | 1.53      |
| NVNT      | ac40 | 5230            | Ant1    | 93.68          | 0.28                   | 1.53      |
| NVNT      | ac80 | 5210            | Ant1    | 88.08          | 0.55                   | 3.08      |



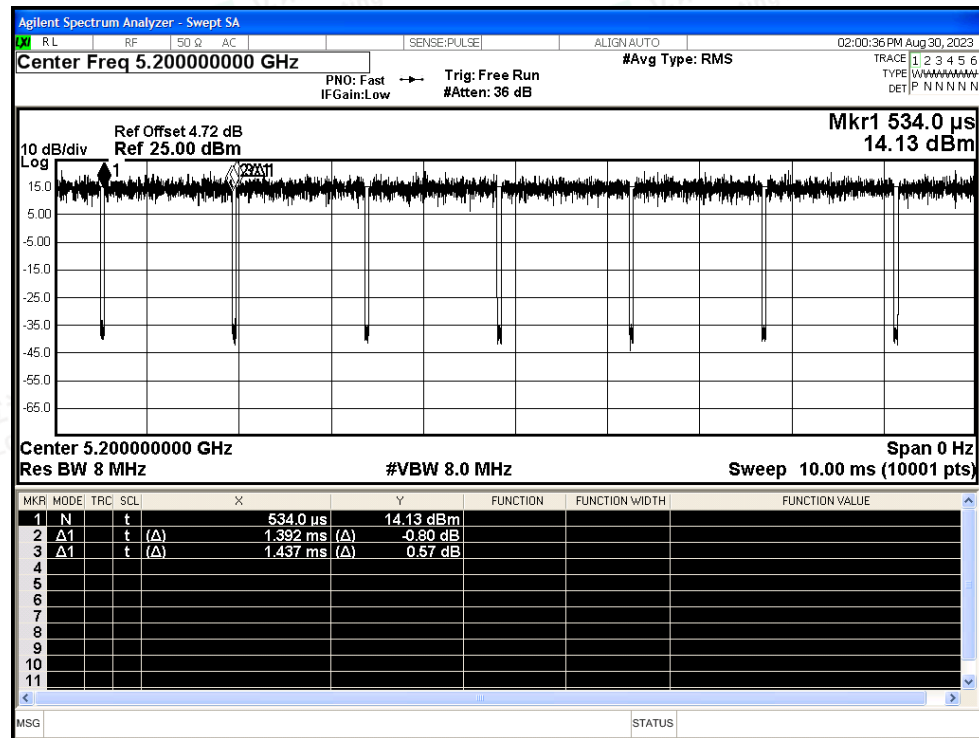


## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1

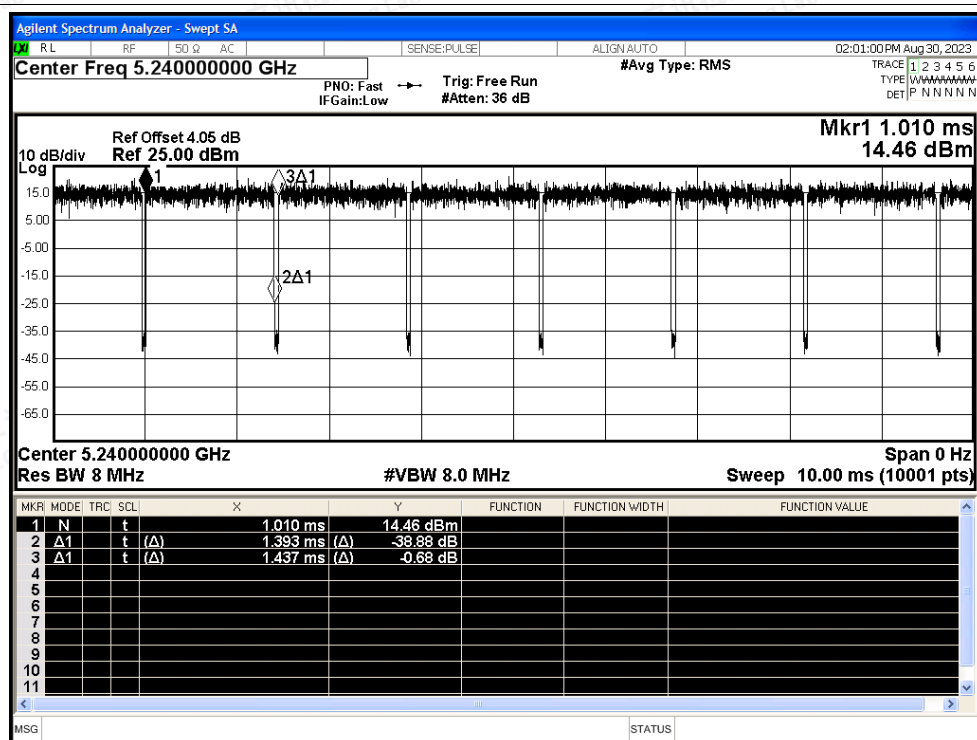


## Duty Cycle NVNT a 5200MHz Ant1

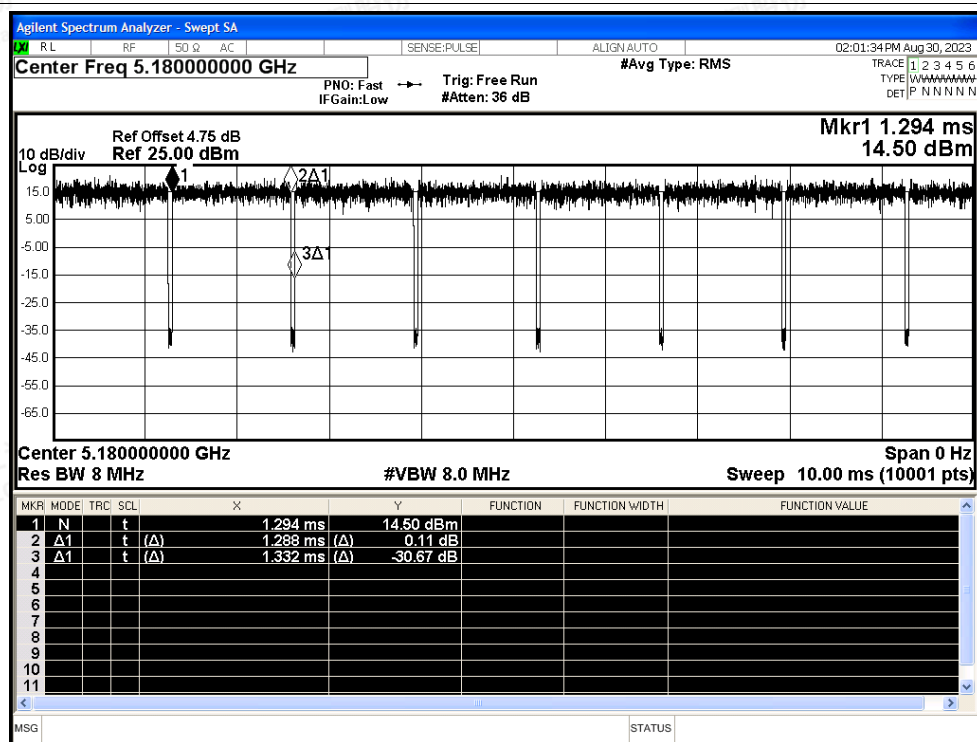




## Duty Cycle NVNT a 5240MHz Ant1



## Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

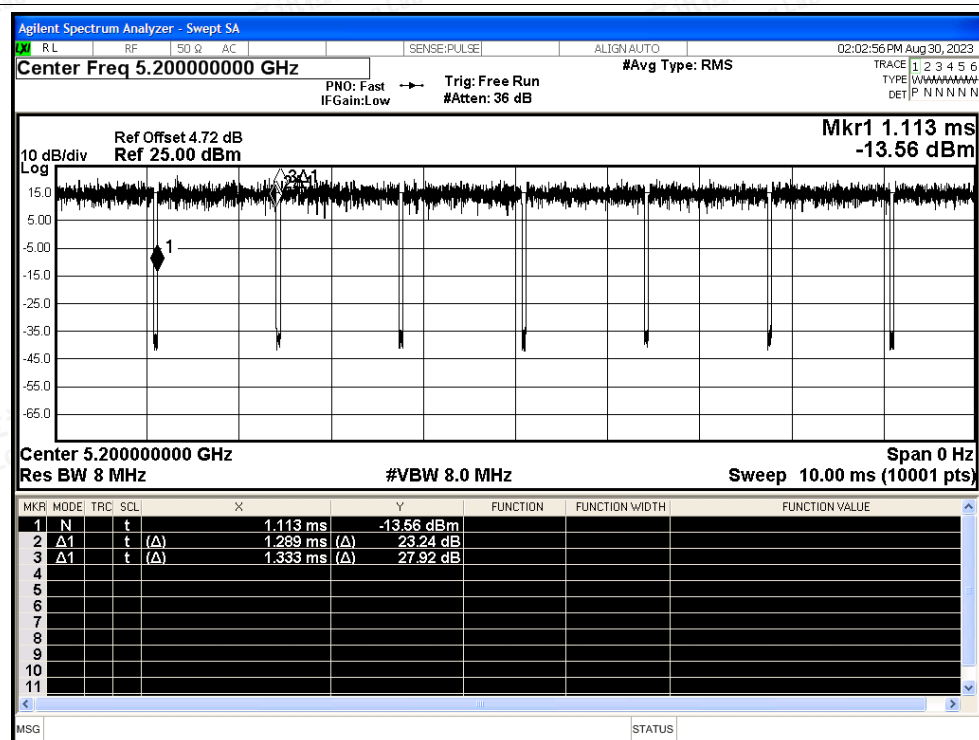
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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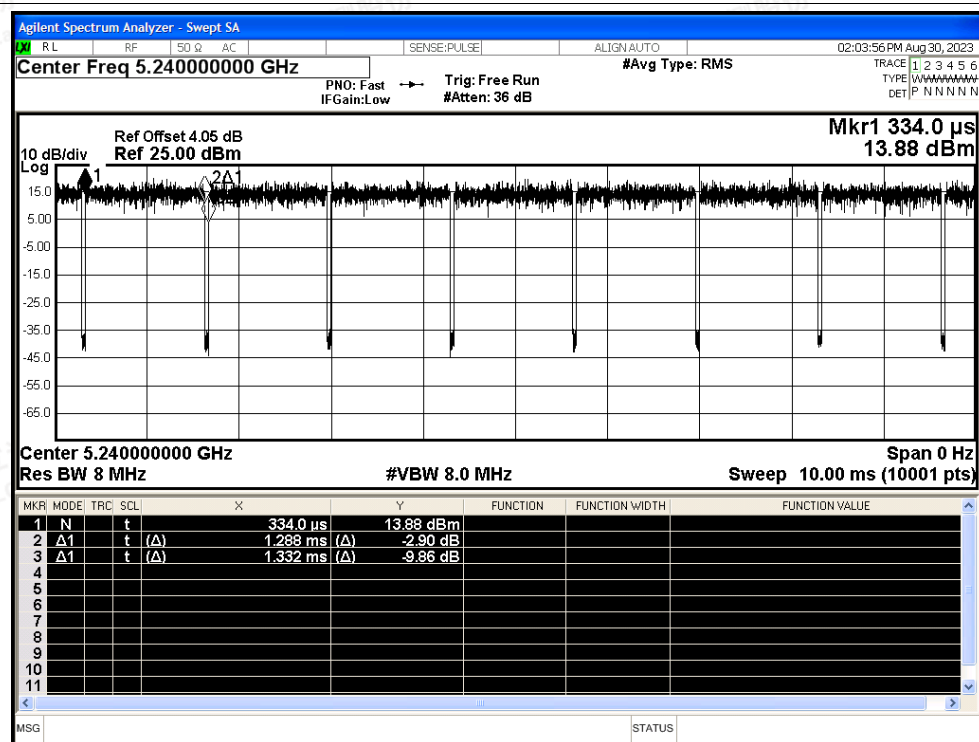
Scan code to check authenticity



## Duty Cycle NVNT n20 5200MHz Ant1



## Duty Cycle NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

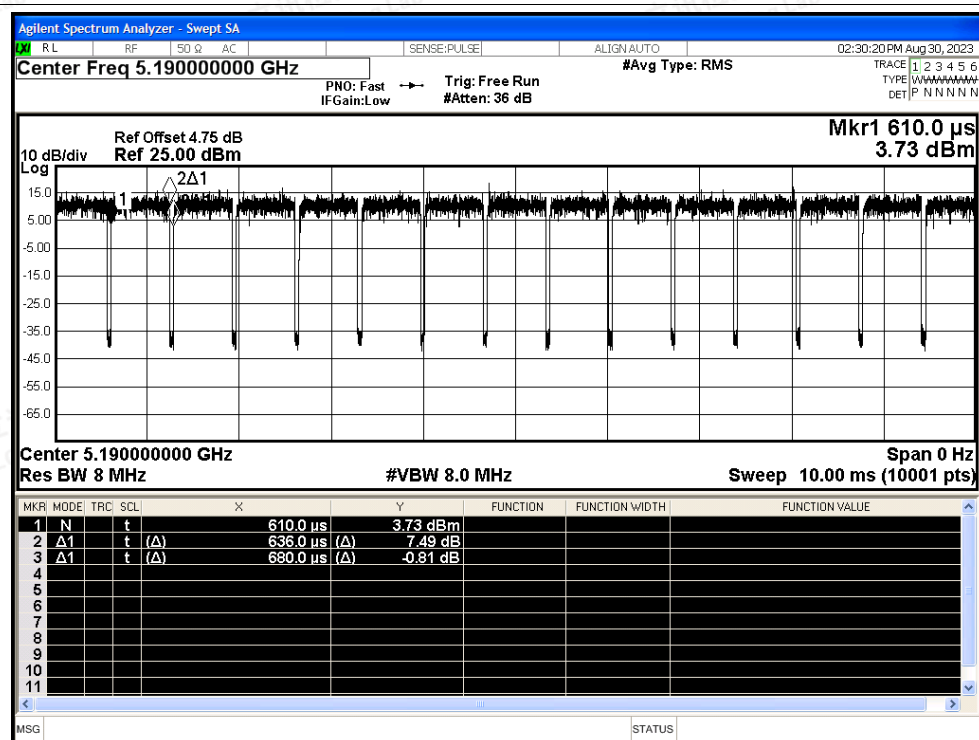
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

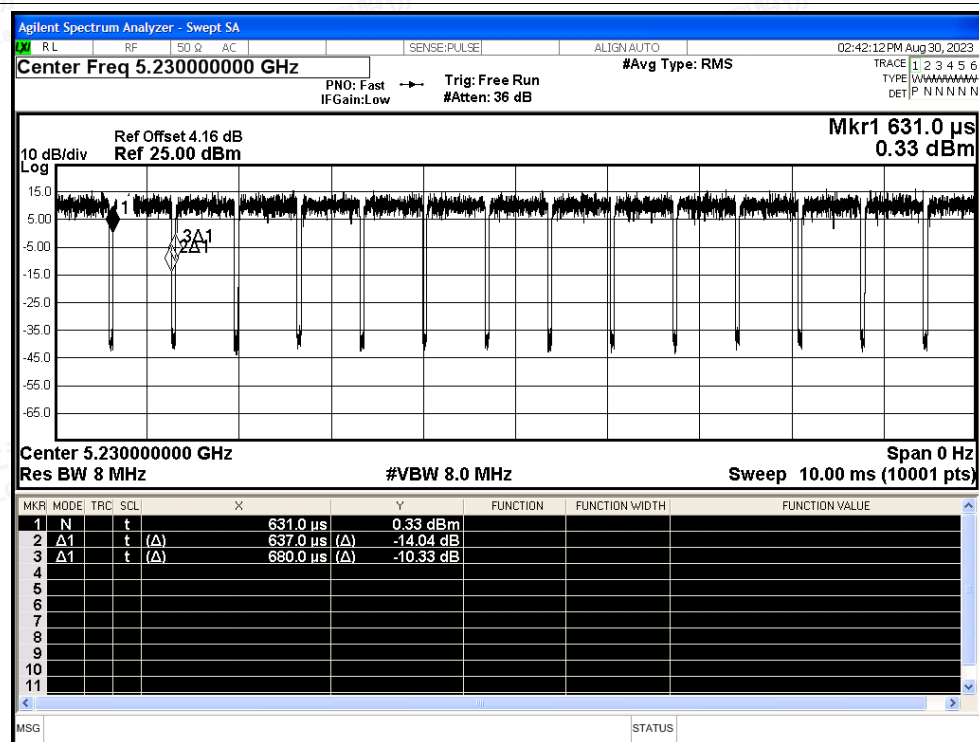
Scan code to check authenticity



## Duty Cycle NVNT n40 5190MHz Ant1



## Duty Cycle NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

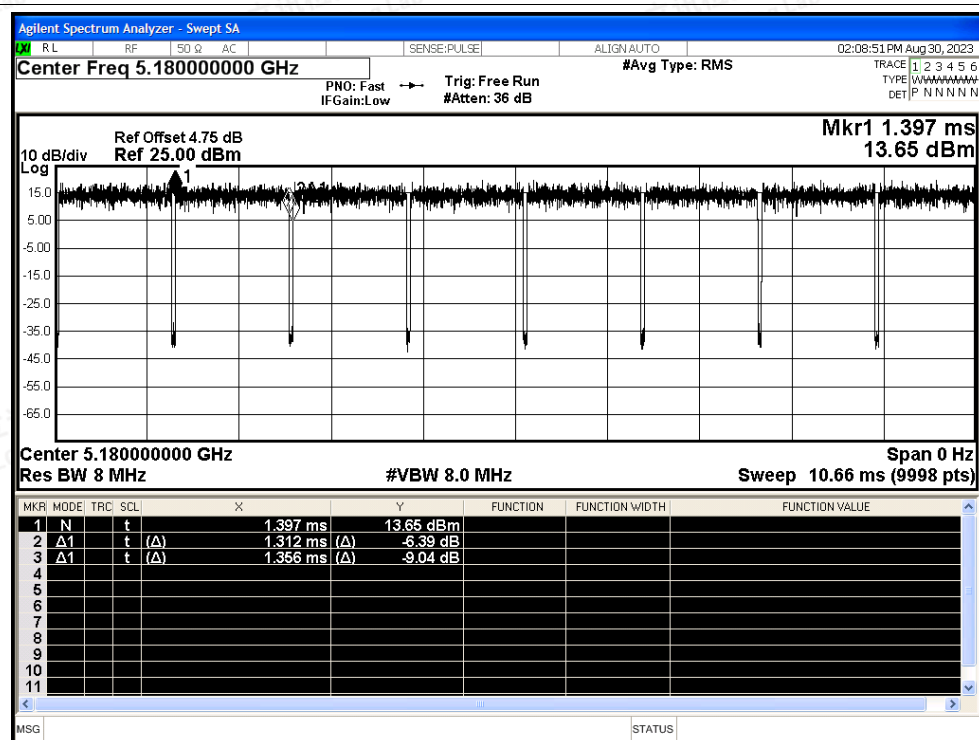
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

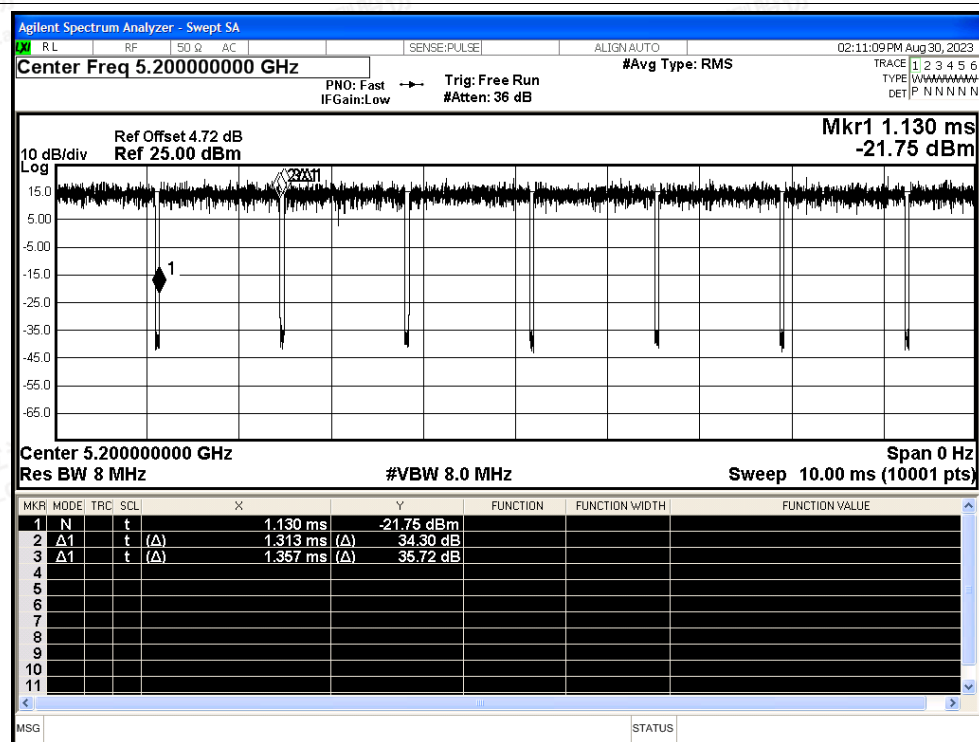
Scan code to check authenticity



## Duty Cycle NVNT ac20 5180MHz Ant1



## Duty Cycle NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

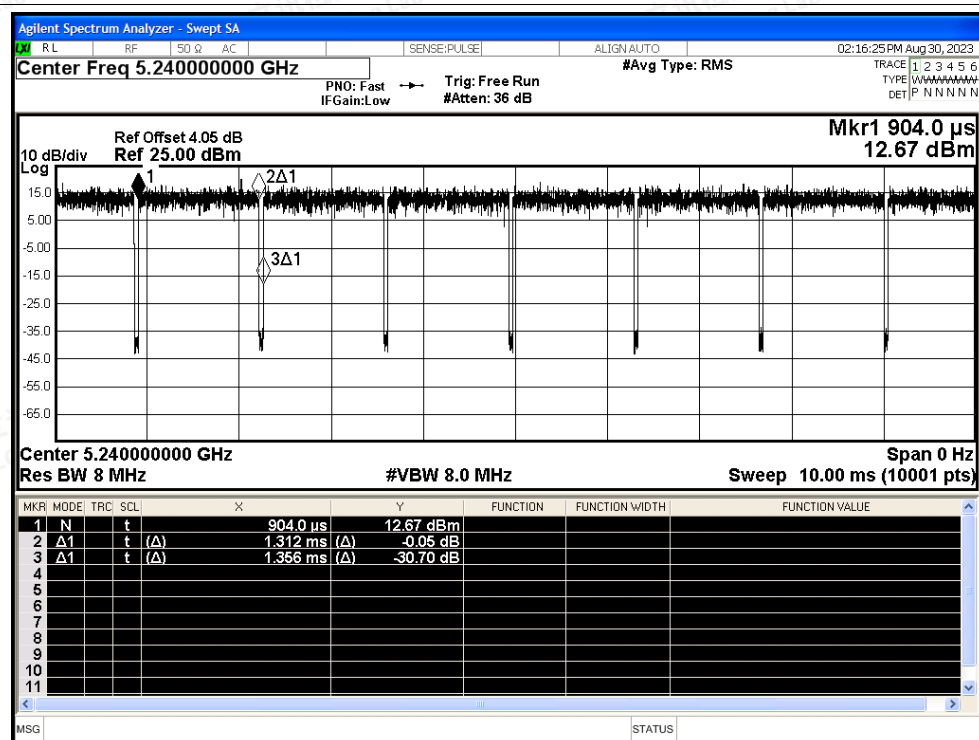
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

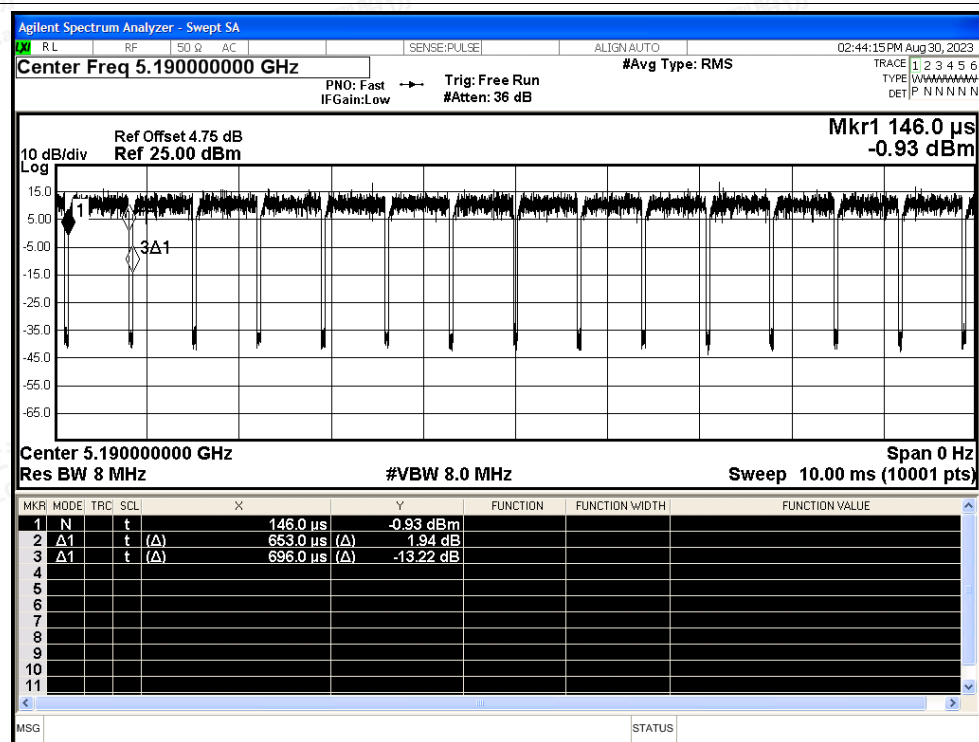
Scan code to check authenticity



## Duty Cycle NVNT ac20 5240MHz Ant1



## Duty Cycle NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

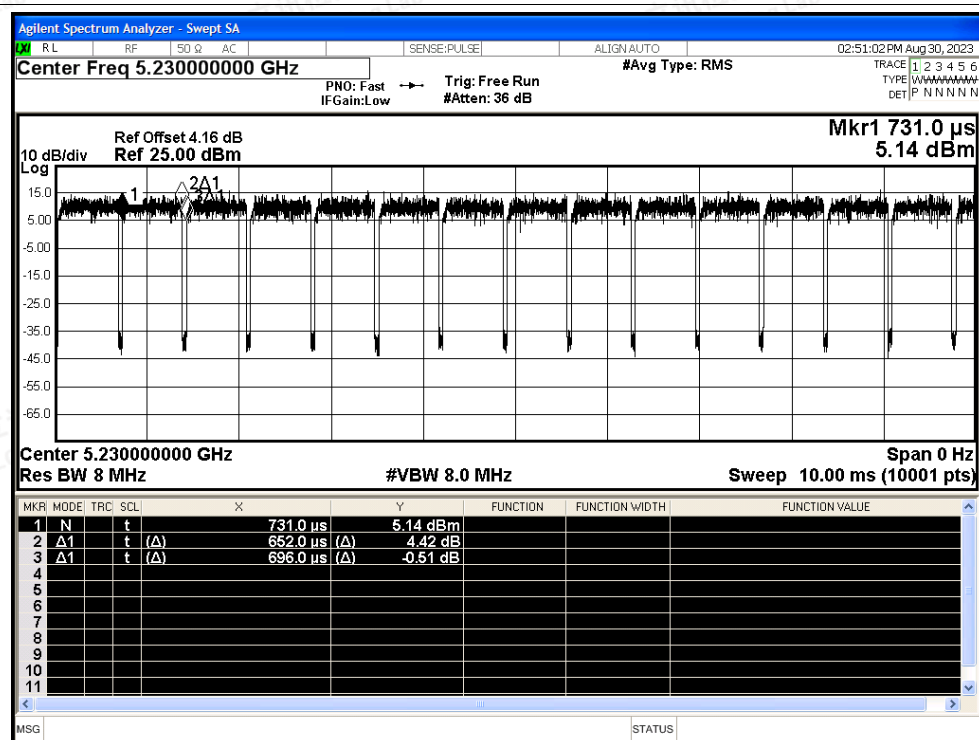
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

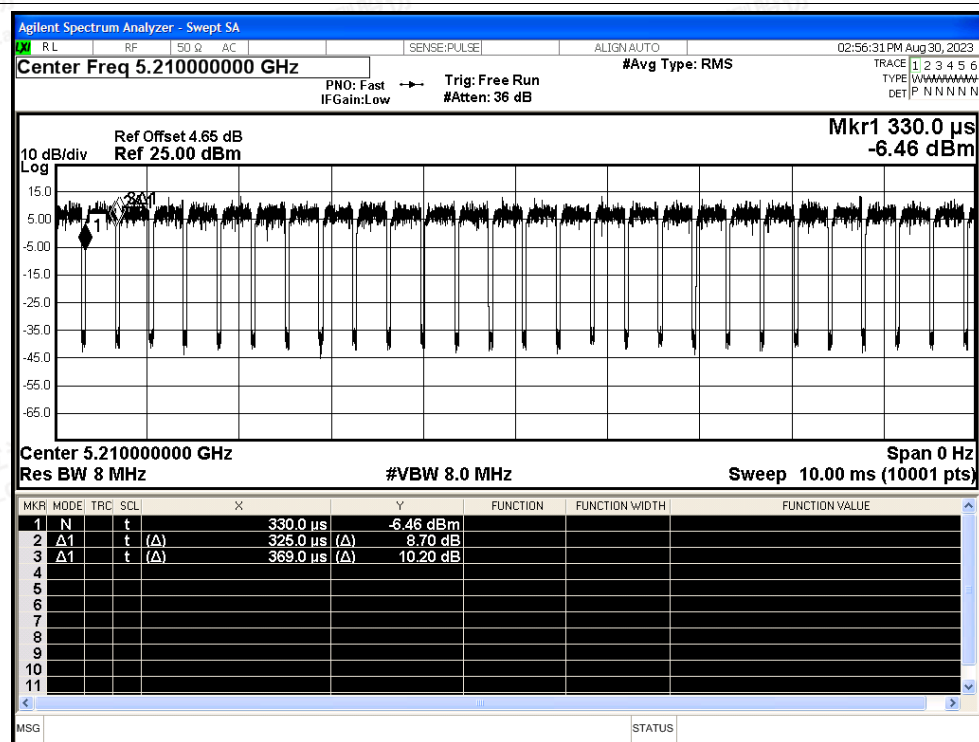
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## Duty Cycle NVNT ac40 5230MHz Ant1



## Duty Cycle NVNT ac80 5210MHz Ant1



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