



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Color Paper S-Book

Test Model: 7C43-01

Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8 ° C   |
| Relative Humidity: | 52.1%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Jack Cheng |
| 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    | 19.551                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5200            | Ant1    | 19.739                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5240            | Ant1    | 19.525                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 20.086                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 20.006                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 20.046                 | $\geq 0.5$                   | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 40.263                 | $\geq 0.5$                   | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 40.188                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 20.103                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 20.01                  | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 20.028                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 40.316                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 40.001                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 80.705                 | $\geq 0.5$                   | Pass    |

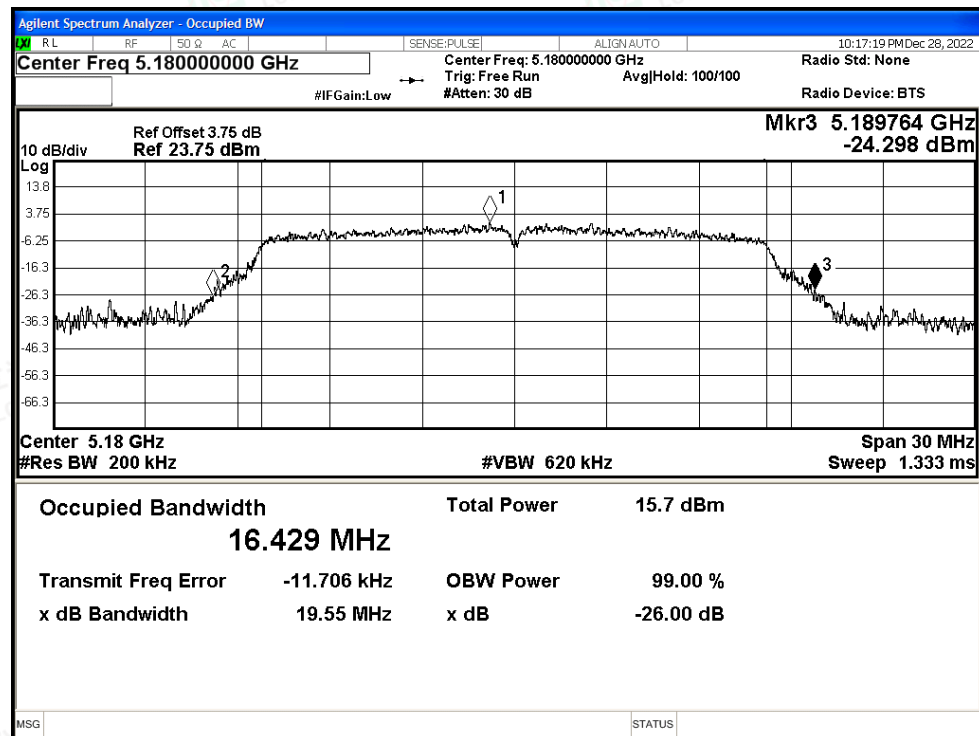


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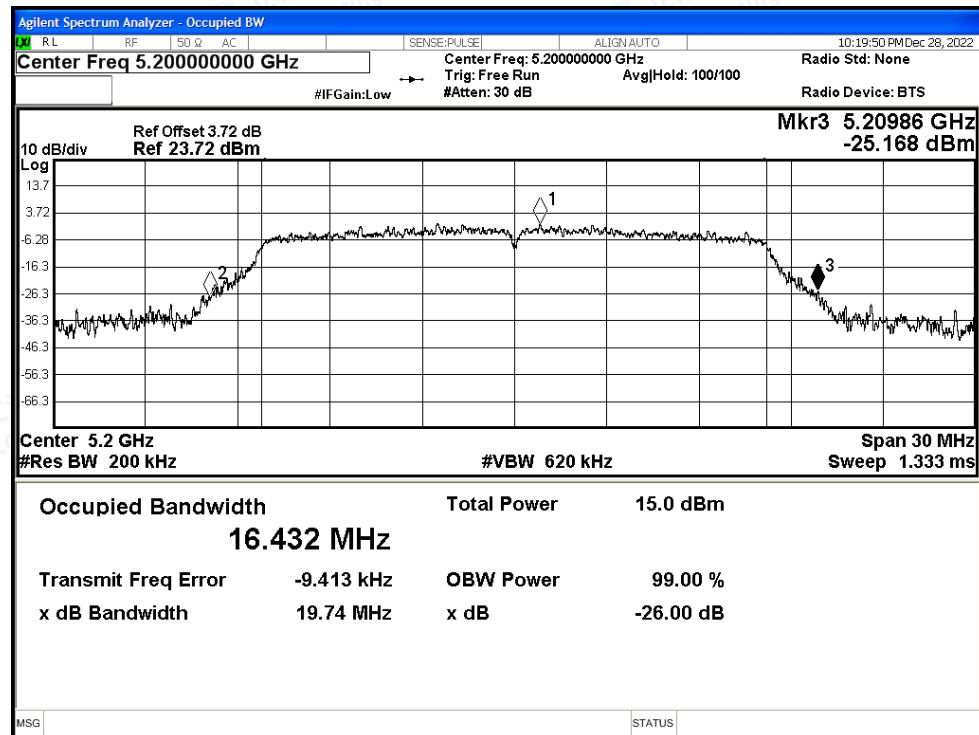


## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



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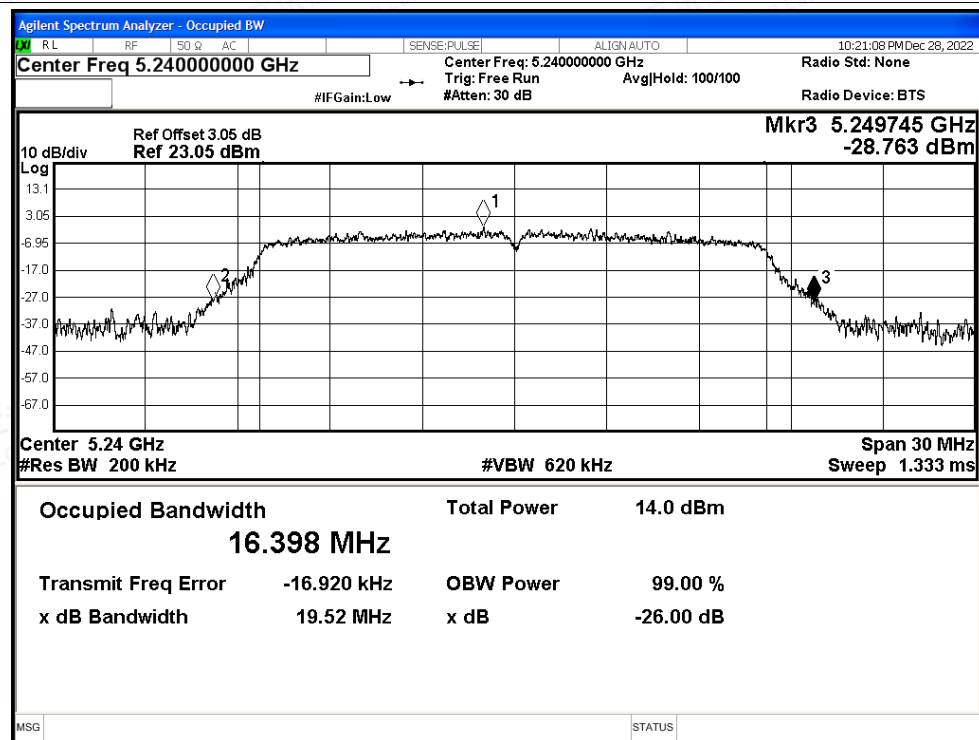
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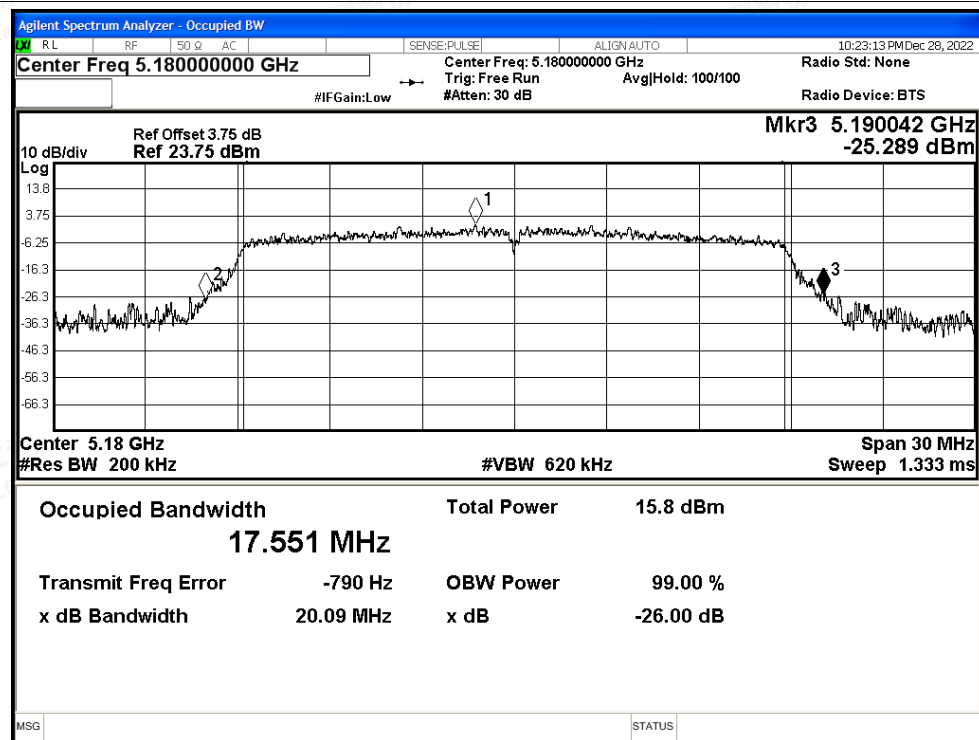
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## -26dB Bandwidth NVNT a 5240MHz Ant1



## -26dB Bandwidth NVNT n20 5180MHz Ant1



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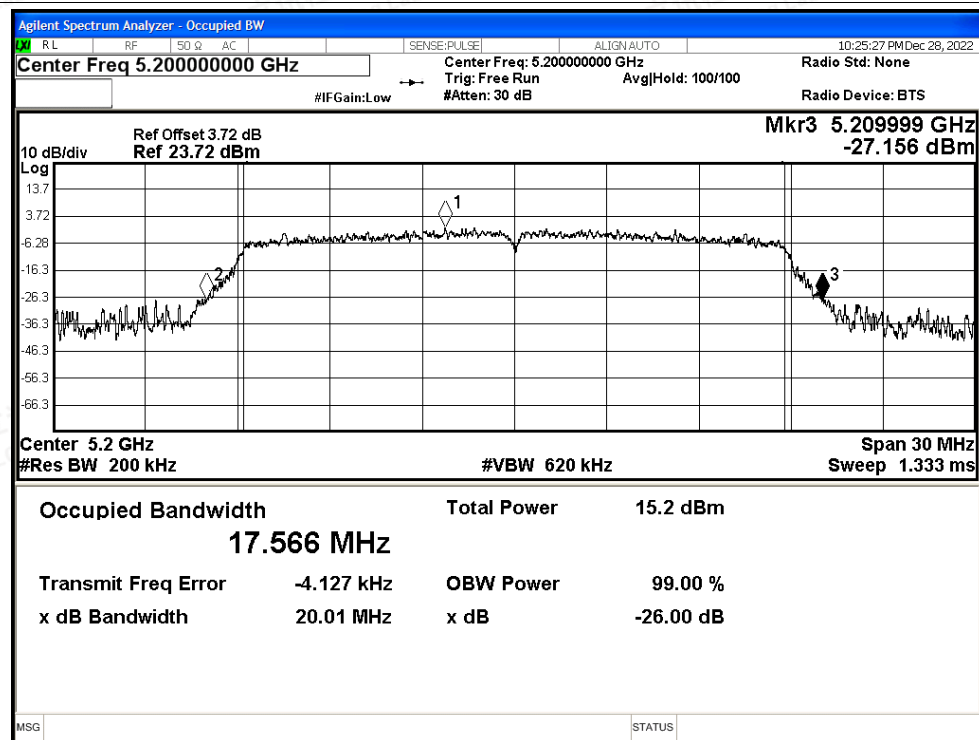
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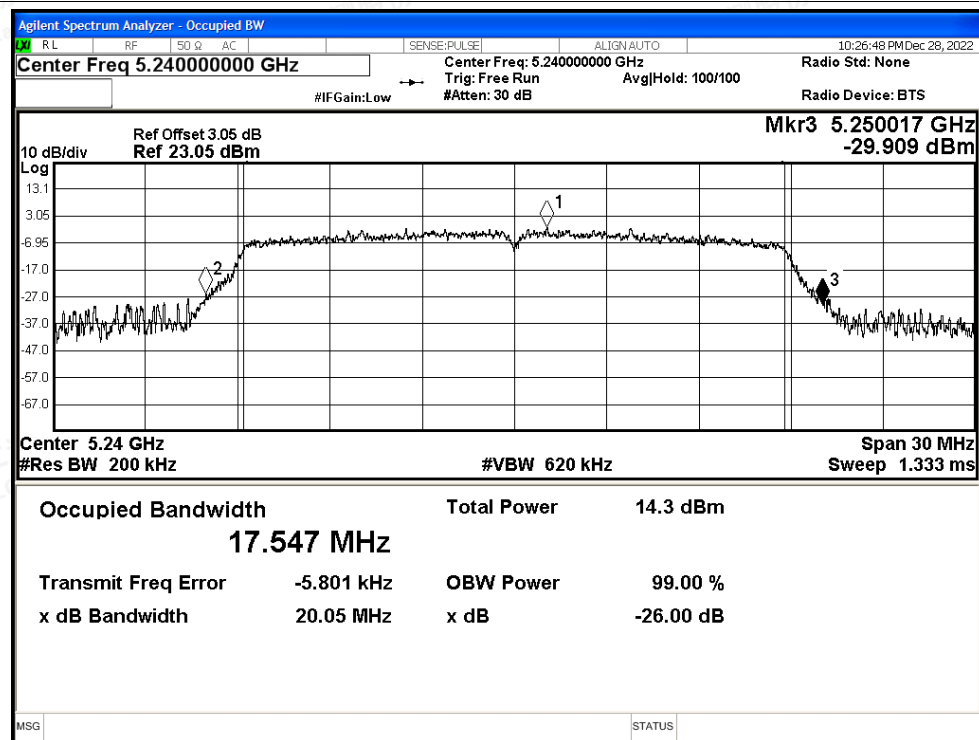
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## -26dB Bandwidth NVNT n20 5200MHz Ant1



## -26dB Bandwidth NVNT n20 5240MHz Ant1



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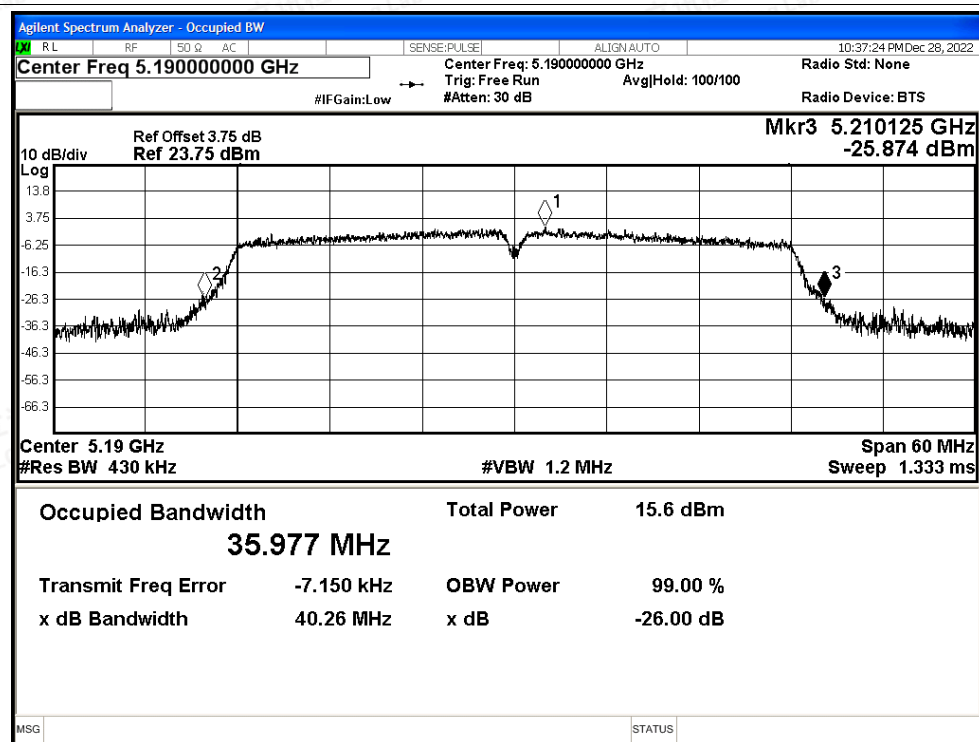
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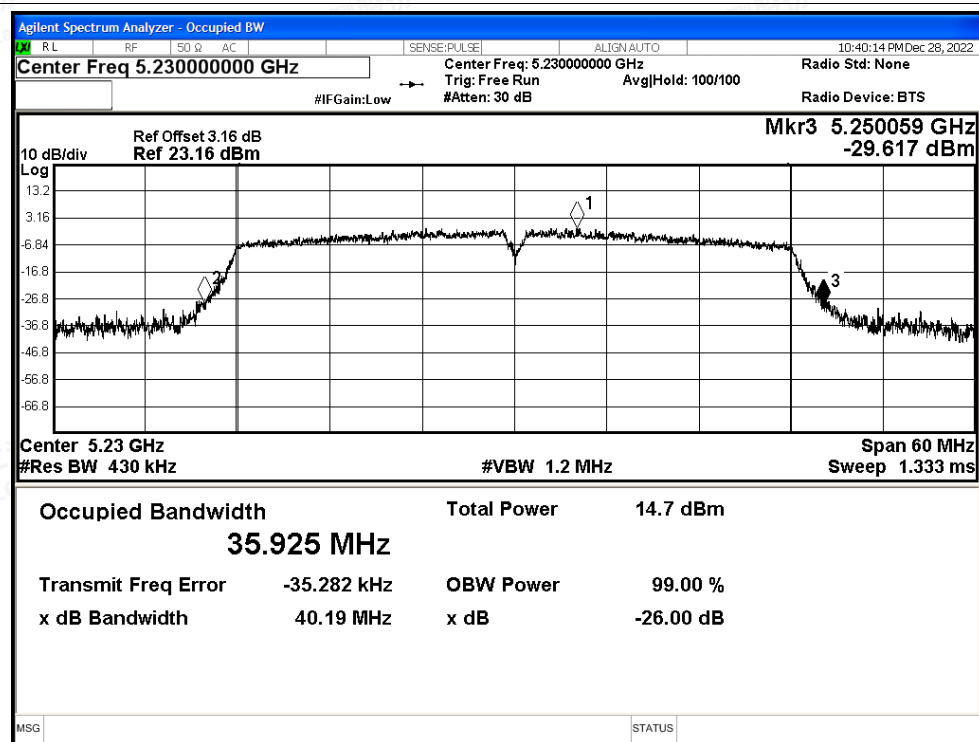
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## -26dB Bandwidth NVNT n40 5190MHz Ant1



## -26dB Bandwidth NVNT n40 5230MHz Ant1



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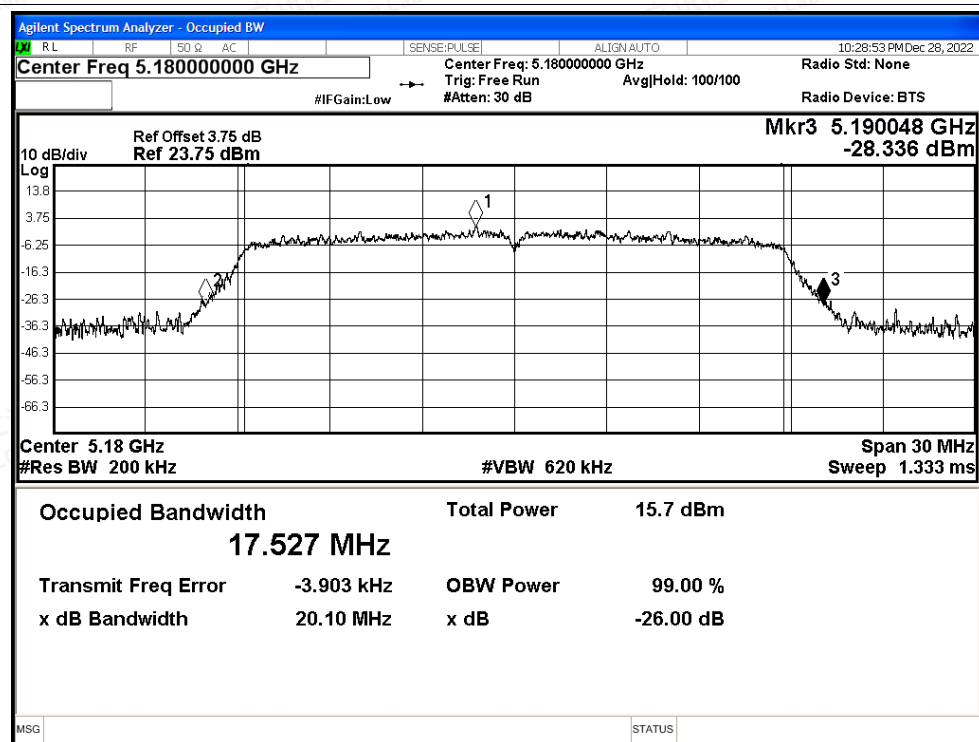
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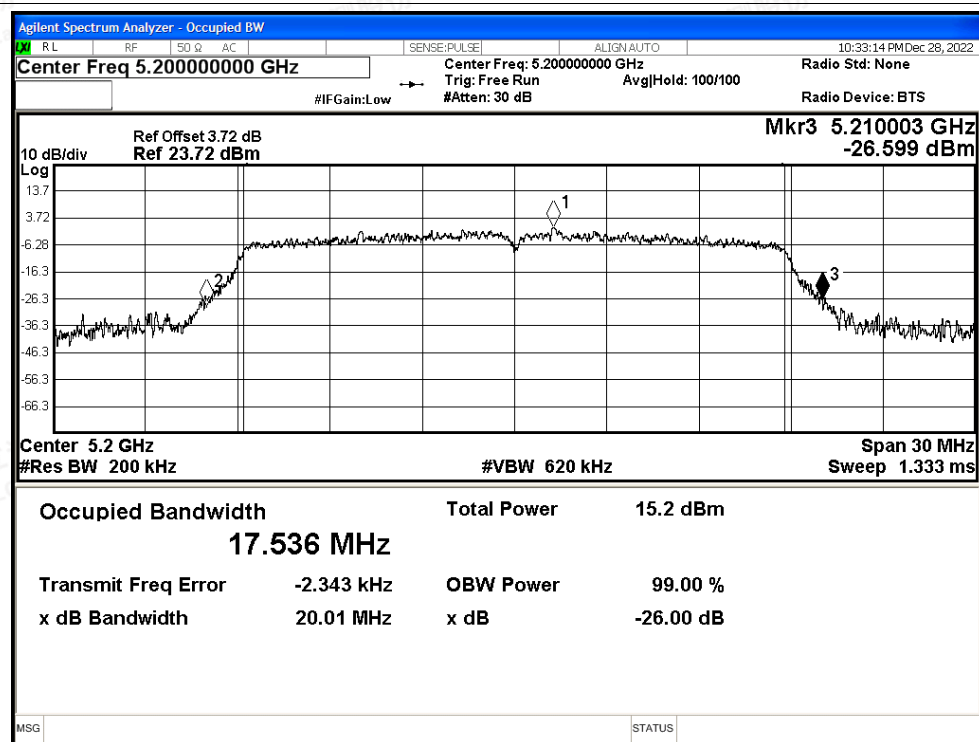
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## -26dB Bandwidth NVNT ac20 5180MHz Ant1



## -26dB Bandwidth NVNT ac20 5200MHz Ant1



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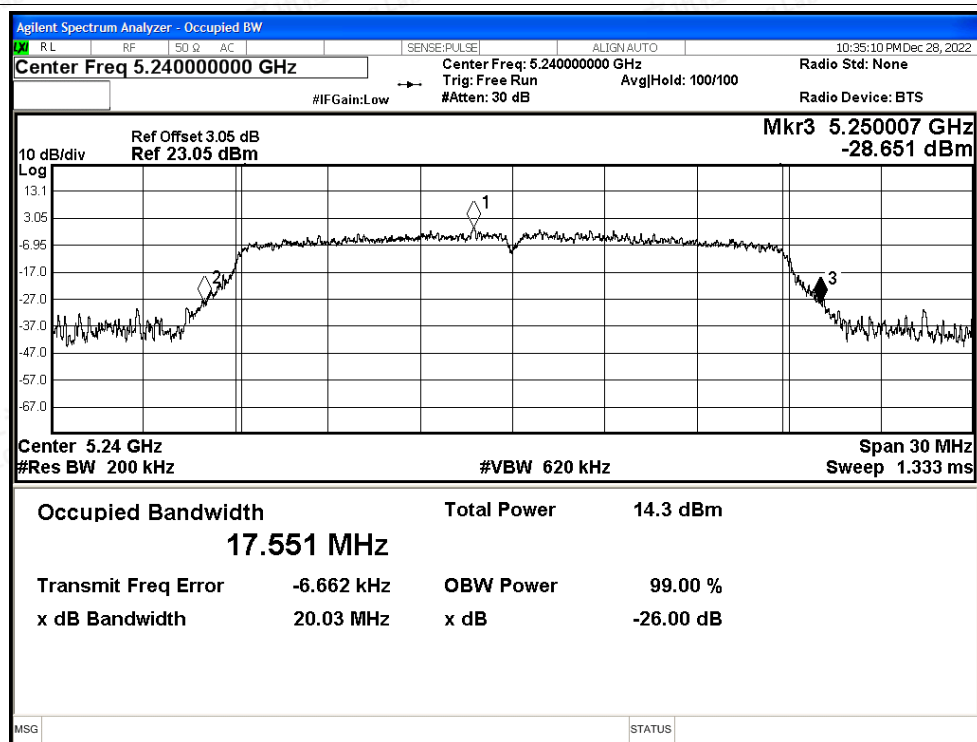
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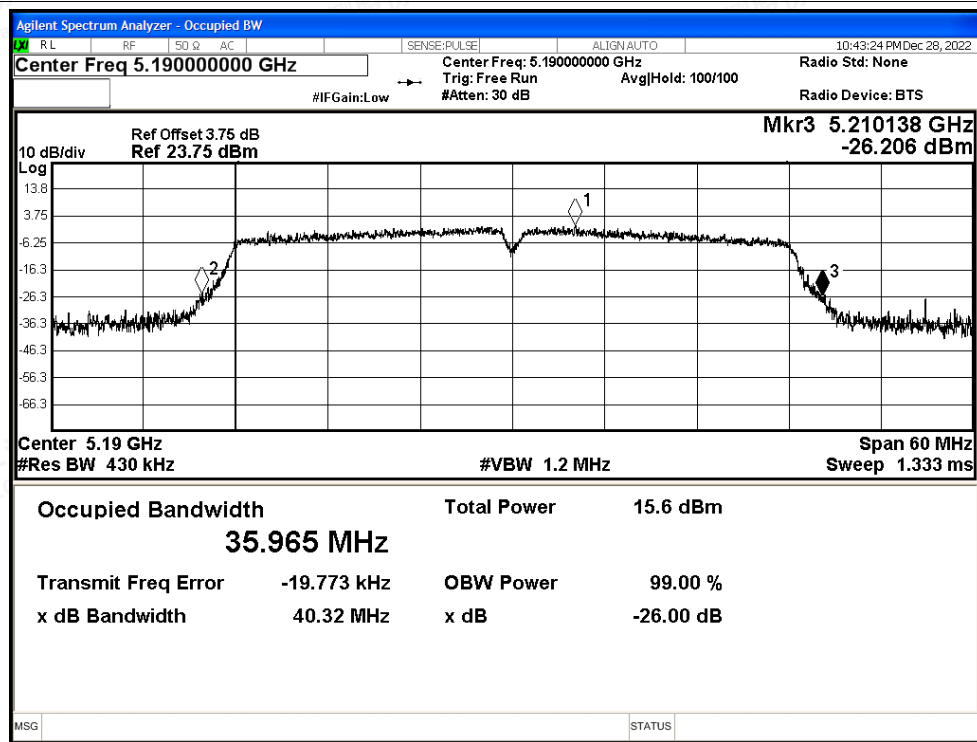
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## -26dB Bandwidth NVNT ac20 5240MHz Ant1

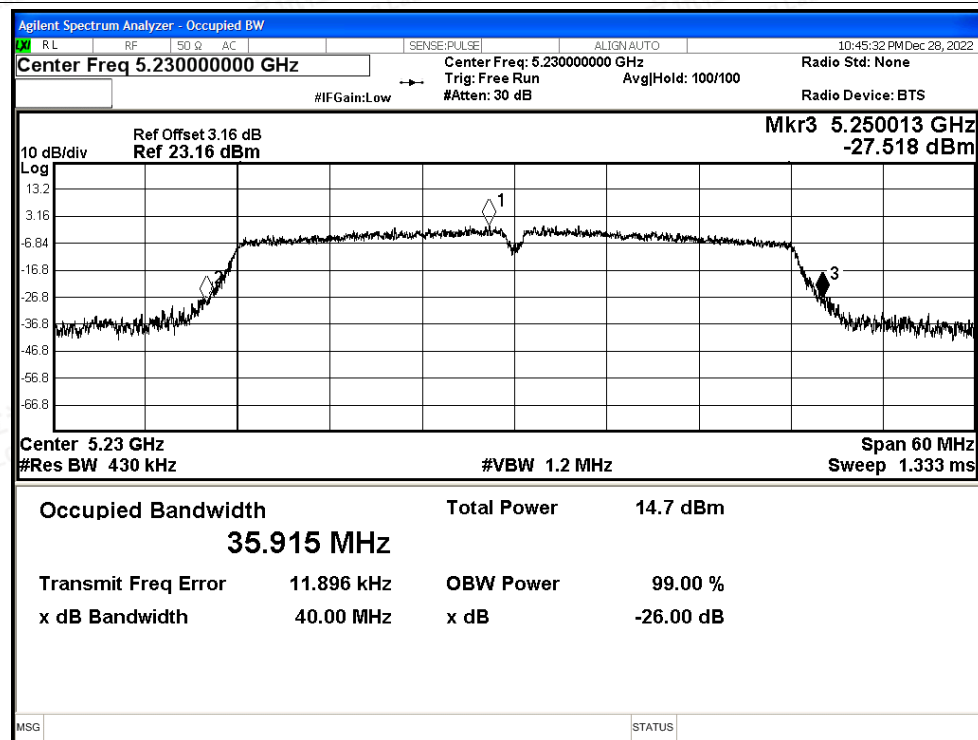


## -26dB Bandwidth NVNT ac40 5190MHz Ant1

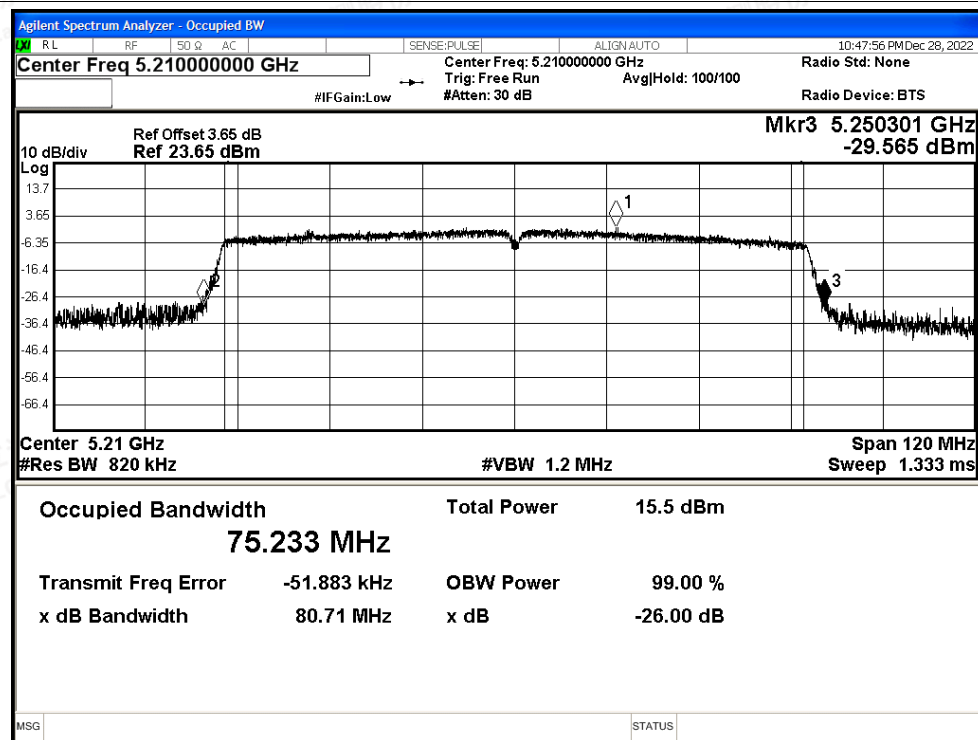




## -26dB Bandwidth NVNT ac40 5230MHz Ant1



## -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    | 10.09                 | 0.13             | 10.22             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 9.49                  | 0.13             | 9.62              | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 8.33                  | 0.13             | 8.46              | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 10.11                 | 0.15             | 10.26             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 9.7                   | 0.15             | 9.85              | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 8.52                  | 0.15             | 8.67              | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 9.76                  | 0.28             | 10.04             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 8.65                  | 0.28             | 8.93              | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 9.96                  | 0.14             | 10.1              | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 9.47                  | 0.14             | 9.61              | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 8.44                  | 0.14             | 8.58              | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 9.76                  | 0.28             | 10.04             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 8.55                  | 0.28             | 8.83              | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 8.67                  | 0.55             | 9.22              | 24          | Pass    |





### D.3 Maximum Power Spectral Density Level

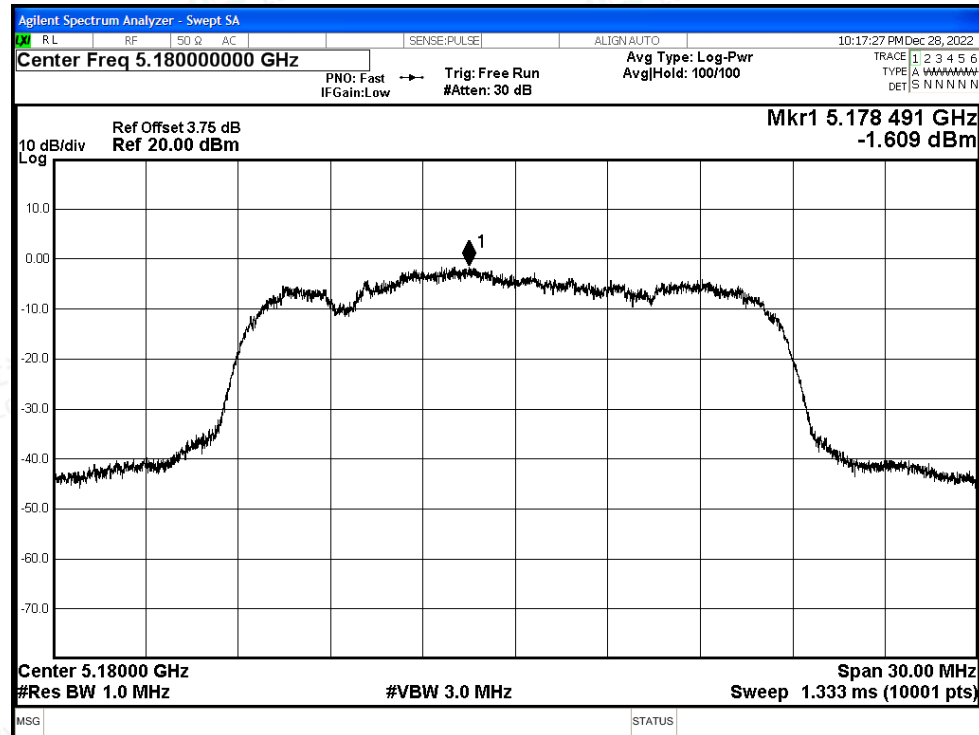
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | -1.61               | 0.13             | -1.48           | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | -1.97               | 0.13             | -1.84           | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | -3.49               | 0.13             | -3.36           | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -1.58               | 0.15             | -1.43           | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -3.09               | 0.15             | -2.94           | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -4.25               | 0.15             | -4.1            | 11          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -6.45               | 0.28             | -6.17           | 11          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -7.56               | 0.28             | -7.28           | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -2.84               | 0.14             | -2.7            | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -2.41               | 0.14             | -2.27           | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -3.92               | 0.14             | -3.78           | 11          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -6.48               | 0.28             | -6.2            | 11          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -6.8                | 0.28             | -6.52           | 11          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -12.76              | 0.55             | -12.21          | 11          | Pass    |



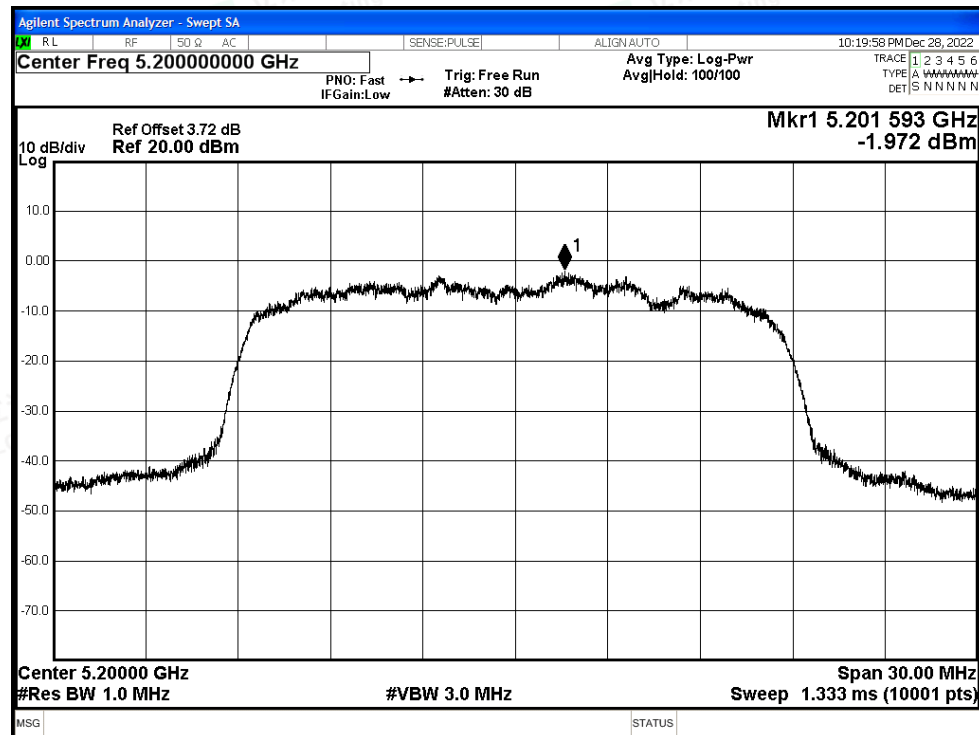


## Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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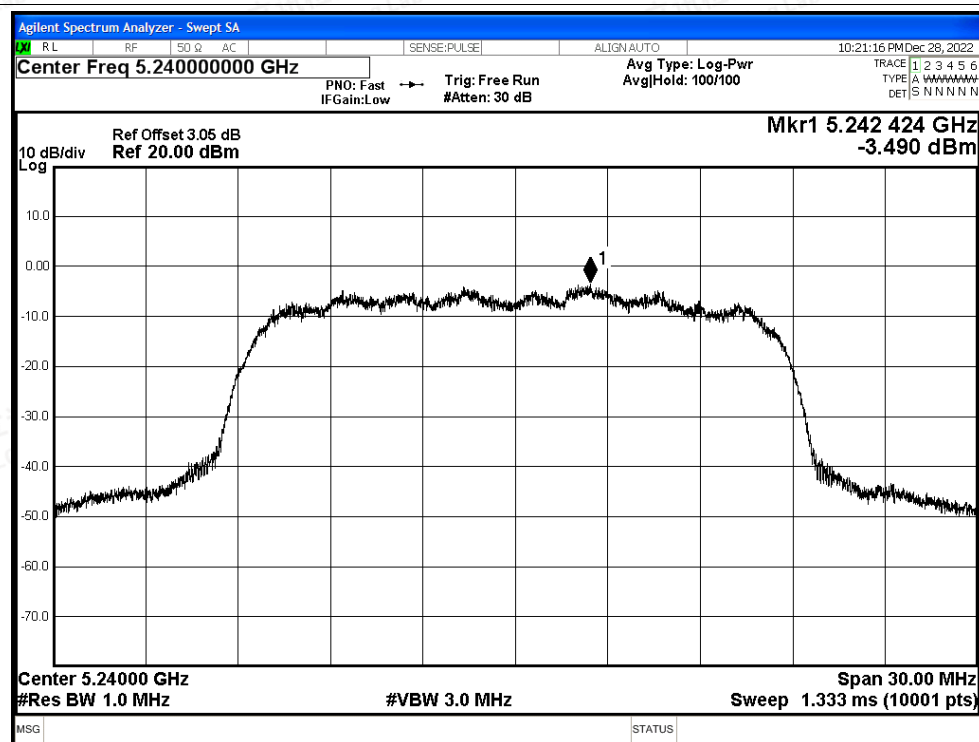
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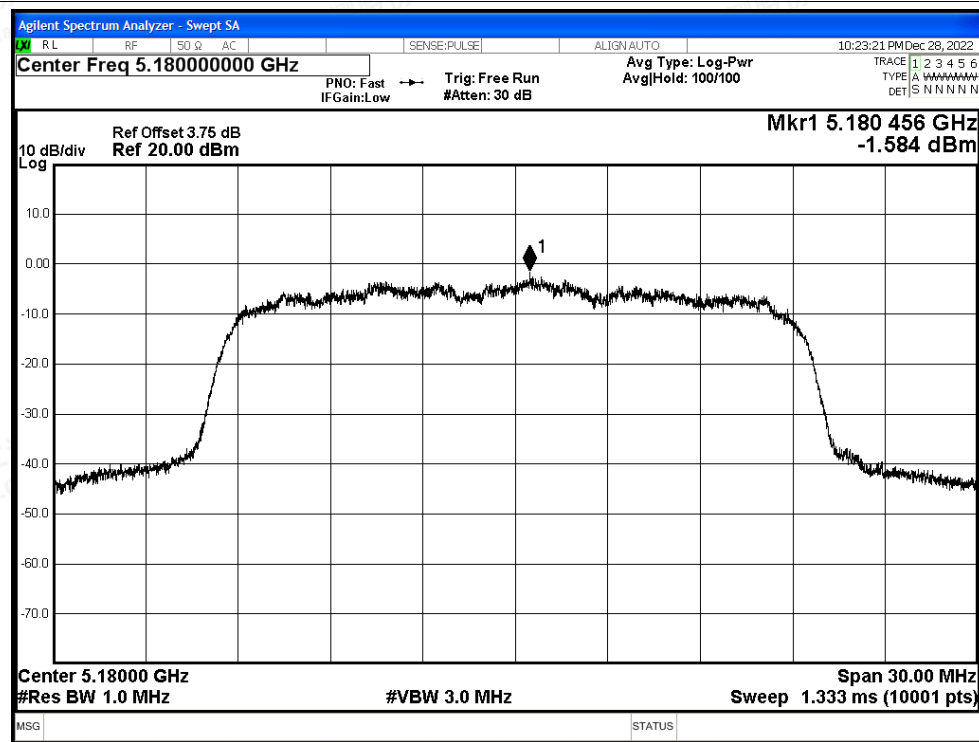
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PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

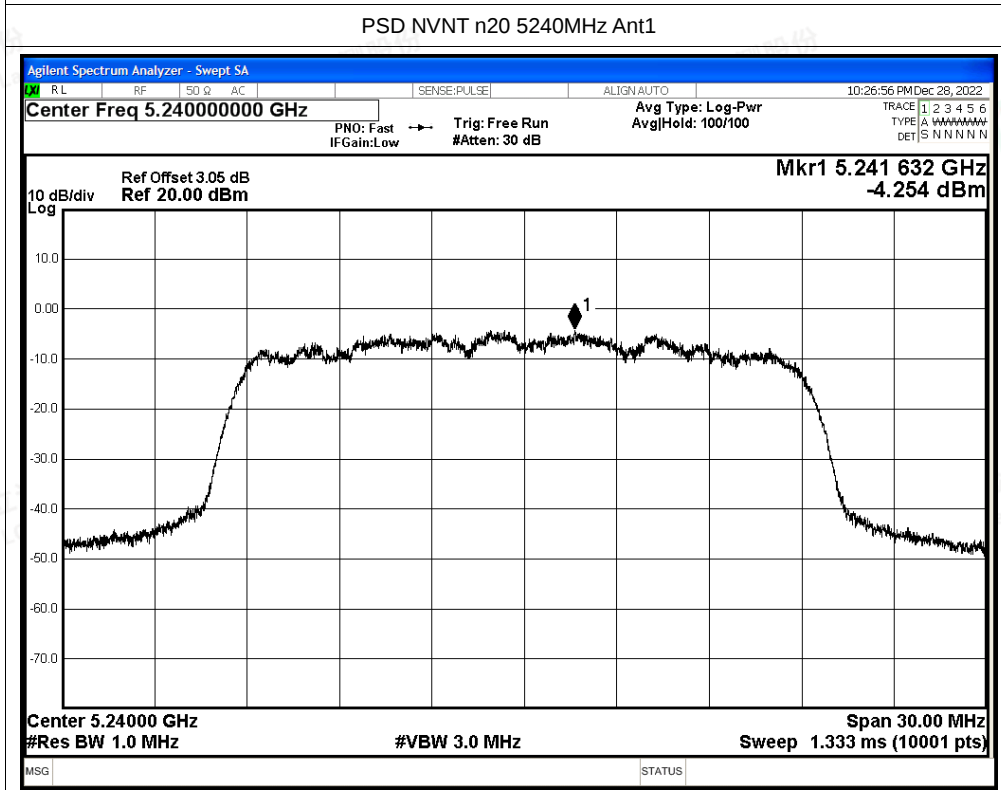
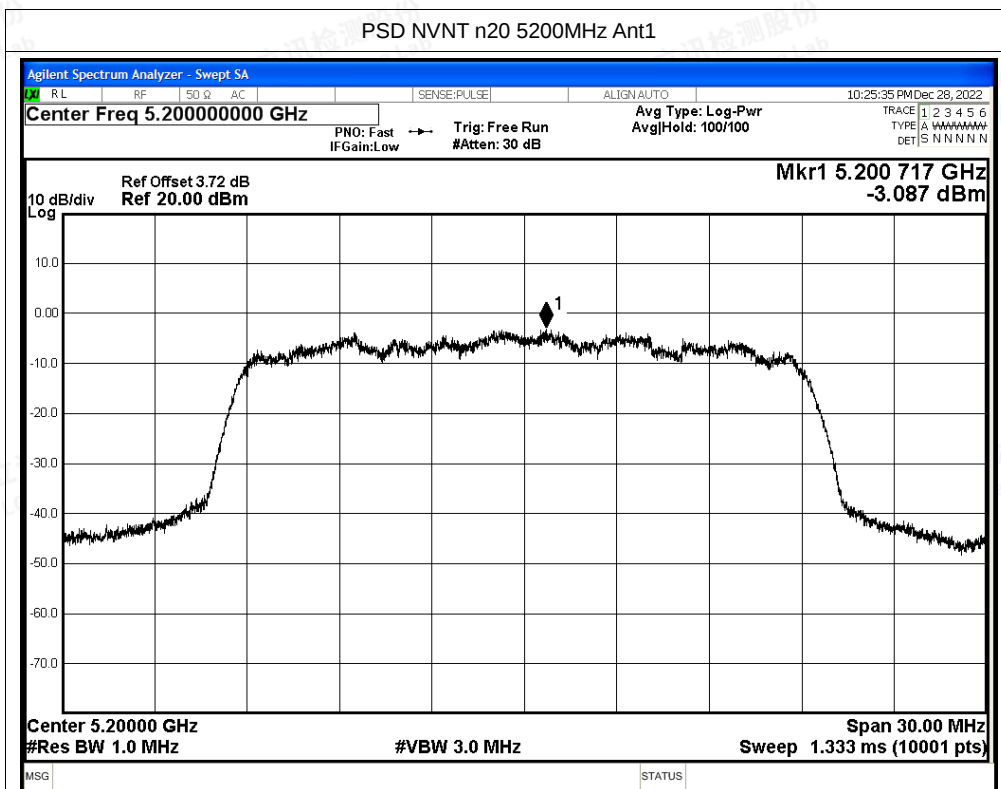


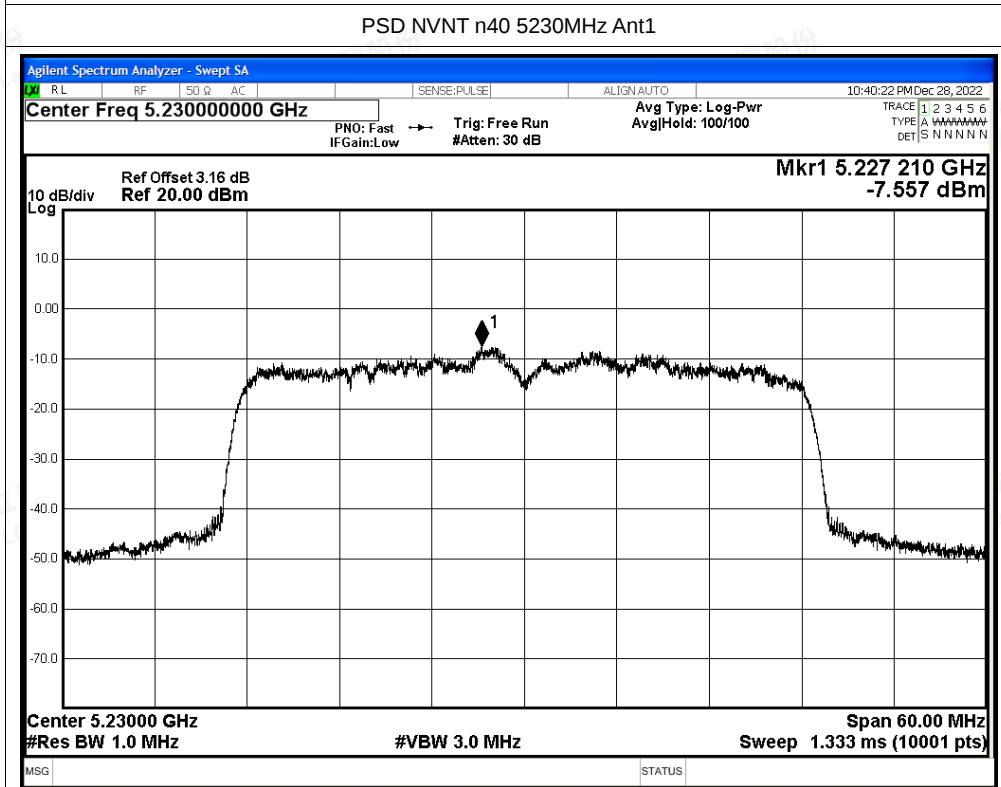
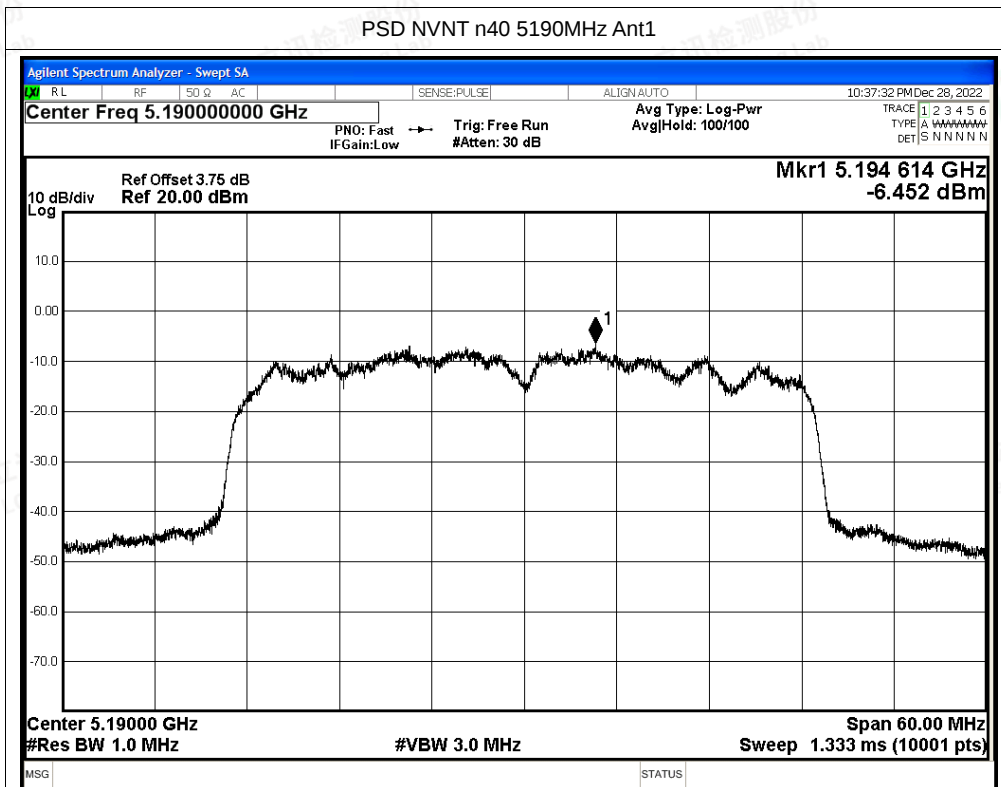
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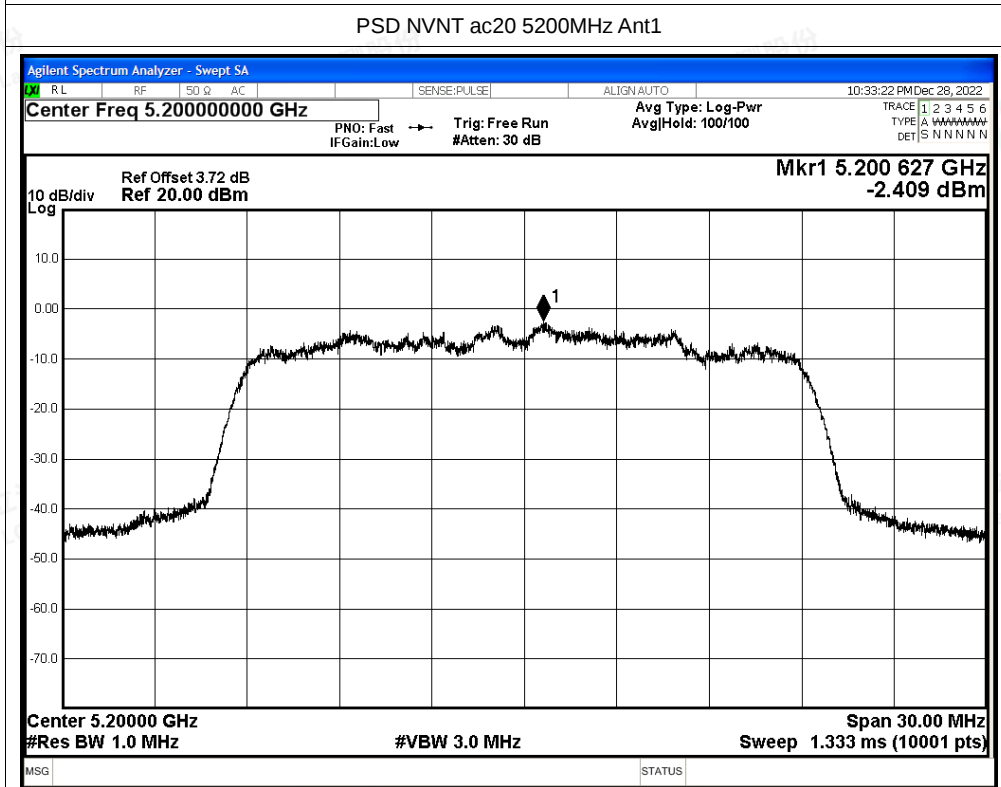
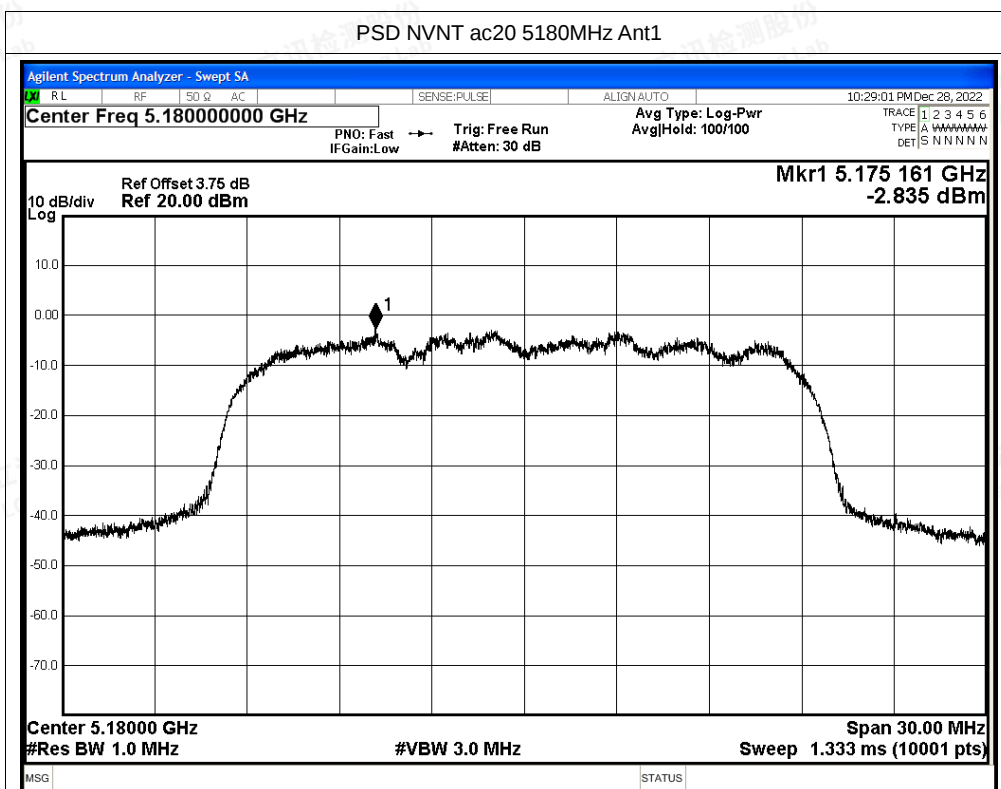
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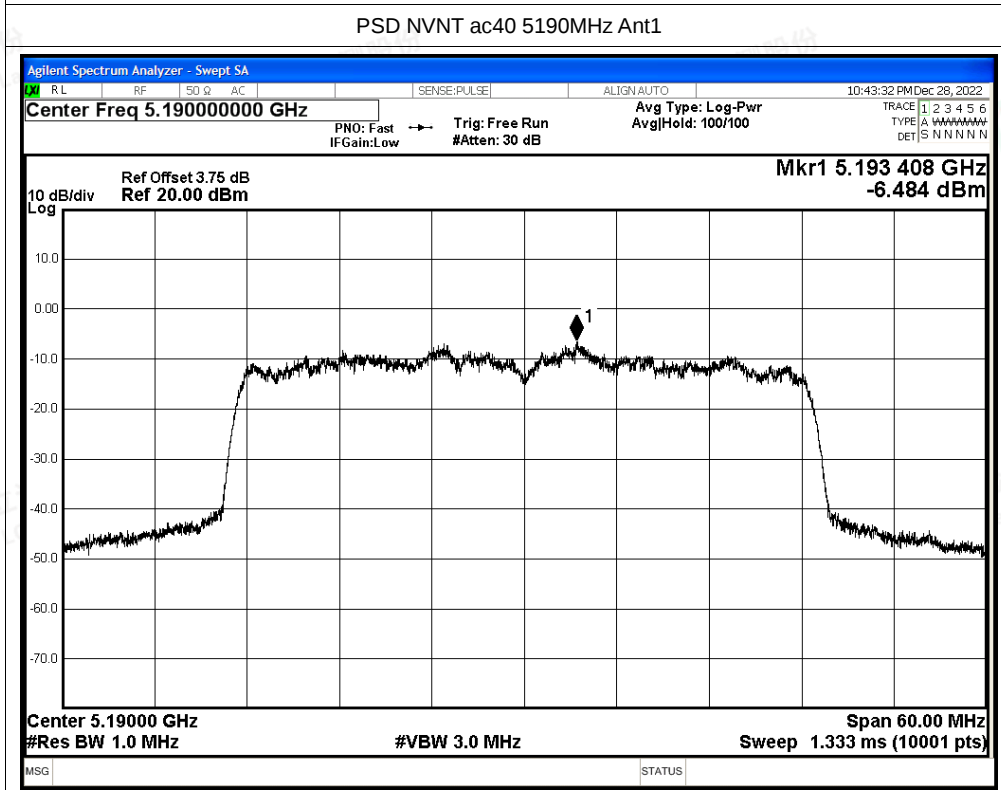
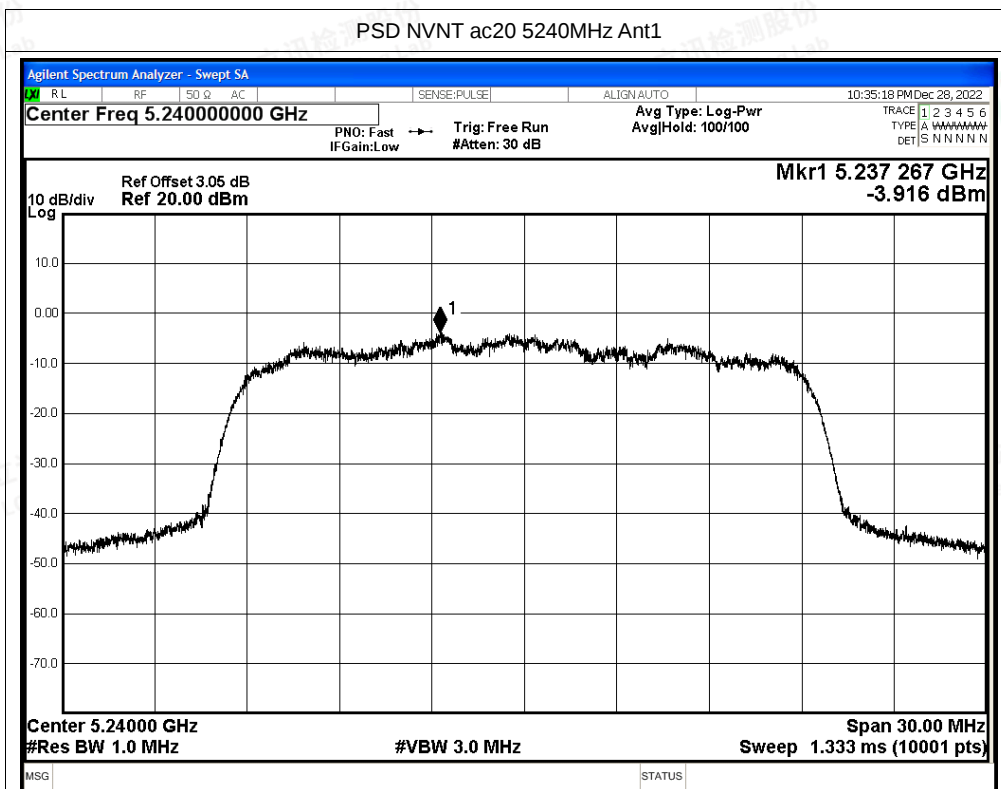


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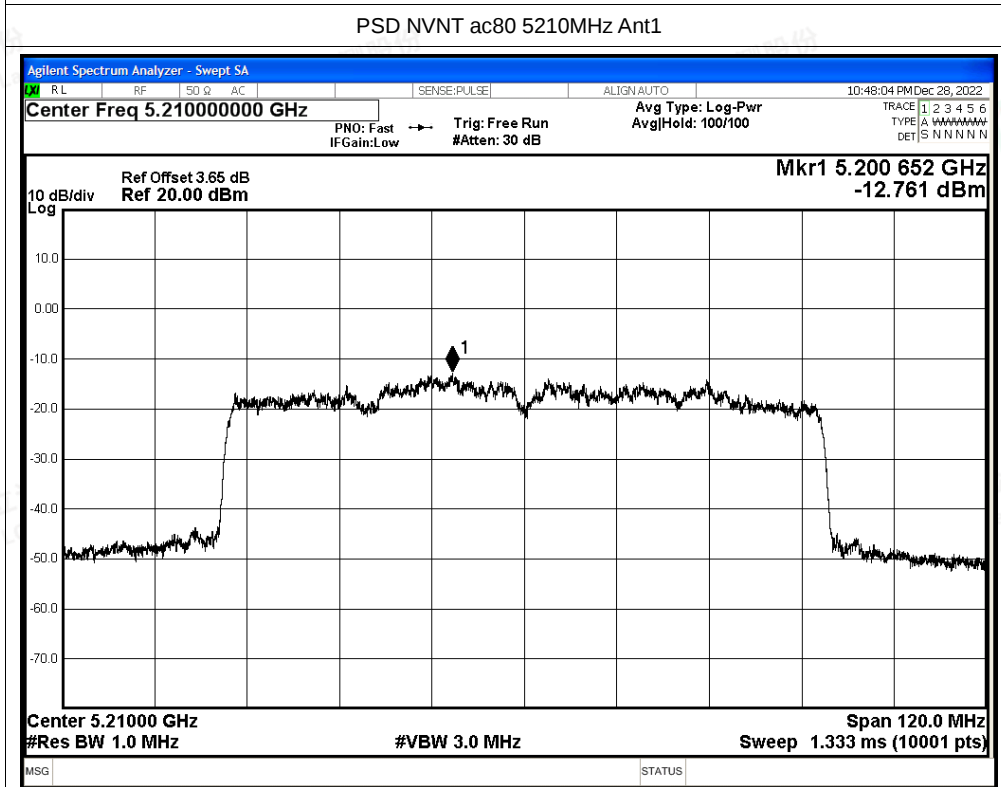
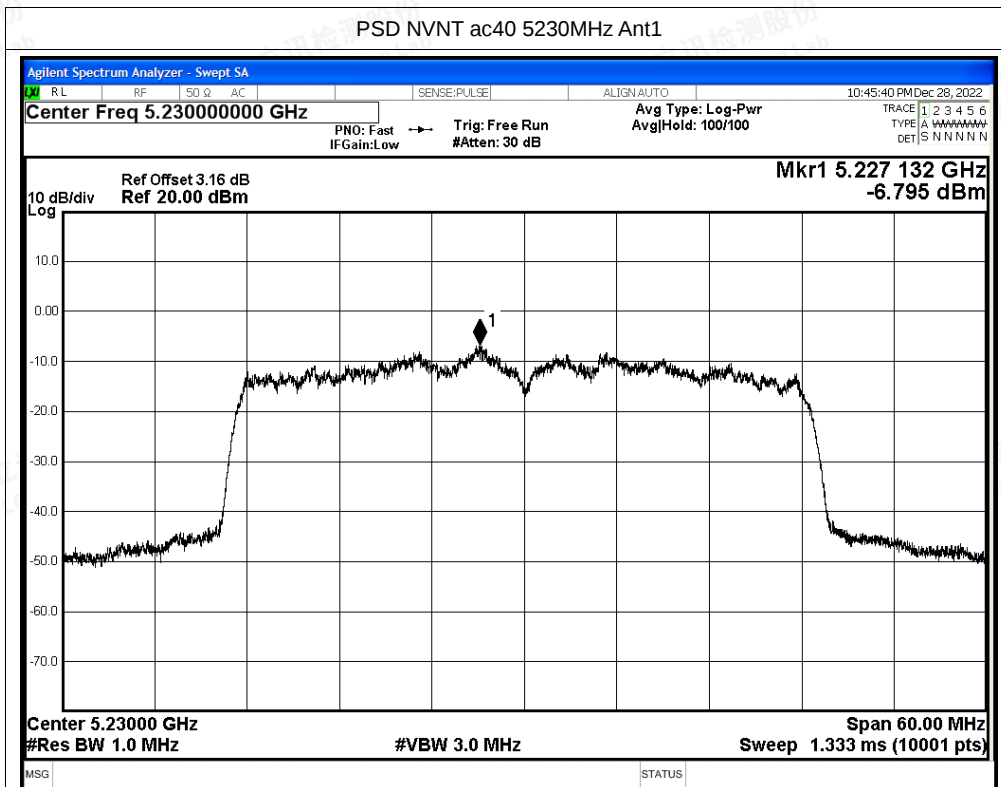


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## D.4 Restrict Band

| Condition | Mode | Frequency<br>(MHz) | Antenna | Spur Freq<br>(MHz) | Power<br>(dBm) | Gain<br>(dBi) | E<br>(dBuV/m) | Detector | Limit<br>(dBuV/m) | Verdict |
|-----------|------|--------------------|---------|--------------------|----------------|---------------|---------------|----------|-------------------|---------|
| NVNT      | a    | 5180               | Ant1    | 4500               | -50.15         | 2             | 47.08         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5180               | Ant1    | 4500               | -59.62         | 2             | 37.61         | Average  | 54                | Pass    |
| NVNT      | a    | 5180               | Ant1    | 5148.9             | -38.21         | 2             | 59.02         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5180               | Ant1    | 5149.6             | -53.05         | 2             | 44.18         | Average  | 54                | Pass    |
| NVNT      | a    | 5180               | Ant1    | 5150               | -40.95         | 2             | 56.28         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5180               | Ant1    | 5150               | -52.87         | 2             | 44.36         | Average  | 54                | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5350               | -48.4          | 2             | 48.83         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5350               | -59.17         | 2             | 38.06         | Average  | 54                | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5374.56            | -47.26         | 2             | 49.97         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5367.6             | -58.94         | 2             | 38.29         | Average  | 54                | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5460               | -51.59         | 2             | 45.64         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5240               | Ant1    | 5460               | -59.41         | 2             | 37.82         | Average  | 54                | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 4500               | -50.56         | 2             | 46.67         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 4500               | -59.63         | 2             | 37.6          | Average  | 54                | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 5147.5             | -36.36         | 2             | 60.87         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 5149.6             | -52.92         | 2             | 44.31         | Average  | 54                | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 5150               | -33.91         | 2             | 63.32         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 5150               | -52.75         | 2             | 44.48         | Average  | 54                | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5350               | -48.16         | 2             | 49.07         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5350               | -59.1          | 2             | 38.13         | Average  | 54                | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5437.68            | -46.96         | 2             | 50.27         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5358.72            | -58.75         | 2             | 38.48         | Average  | 54                | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5460               | -48.71         | 2             | 48.52         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 5460               | -59.5          | 2             | 37.73         | Average  | 54                | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 4500               | -49.73         | 2             | 47.5          | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 4500               | -59.08         | 2             | 38.15         | Average  | 54                | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 5149.7             | -32.53         | 2             | 64.7          | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 5149.7             | -49.18         | 2             | 48.05         | Average  | 54                | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 5150               | -32.53         | 2             | 64.7          | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 5150               | -49.18         | 2             | 48.05         | Average  | 54                | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5350               | -48.2          | 2             | 49.03         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5350               | -58.64         | 2             | 38.59         | Average  | 54                | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5359.56            | -46.1          | 2             | 51.13         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5367.93            | -58.38         | 2             | 38.85         | Average  | 54                | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5460               | -50.68         | 2             | 46.55         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 5460               | -59.05         | 2             | 38.18         | Average  | 54                | Pass    |
| NVNT      | ac20 | 5180               | Ant1    | 4500               | -48.47         | 2             | 48.76         | Peak     | 68.2              | Pass    |



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|------|------|------|------|---------|--------|---|-------|---------|------|------|
| NVNT | ac20 | 5180 | Ant1 | 4500    | -59.5  | 2 | 37.73 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -37.35 | 2 | 59.88 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -53.58 | 2 | 43.65 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -41.07 | 2 | 56.16 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -53.56 | 2 | 43.67 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -50.08 | 2 | 47.15 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -59.08 | 2 | 38.15 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5426.4  | -46.85 | 2 | 50.38 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5365.92 | -58.75 | 2 | 38.48 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -50.73 | 2 | 46.5  | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -59.38 | 2 | 37.85 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -49.71 | 2 | 47.52 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -59.15 | 2 | 38.08 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5147.51 | -32.6  | 2 | 64.63 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5149.7  | -48.97 | 2 | 48.26 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -32.71 | 2 | 64.52 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -48.97 | 2 | 48.26 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -50.99 | 2 | 46.24 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -58.69 | 2 | 38.54 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5365.77 | -47.19 | 2 | 50.04 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5357.67 | -58.37 | 2 | 38.86 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -50.86 | 2 | 46.37 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -59.18 | 2 | 38.05 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -47.01 | 2 | 50.22 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -57.42 | 2 | 39.81 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5365.95 | -46.35 | 2 | 50.88 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5361.66 | -57.28 | 2 | 39.95 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -49.89 | 2 | 47.34 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -58.32 | 2 | 38.91 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -49.16 | 2 | 48.07 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -59.07 | 2 | 38.16 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5148.59 | -30.11 | 2 | 67.12 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5147.01 | -44.33 | 2 | 52.9  | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -30.89 | 2 | 66.34 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -44.37 | 2 | 52.86 | Average | 54   | Pass |



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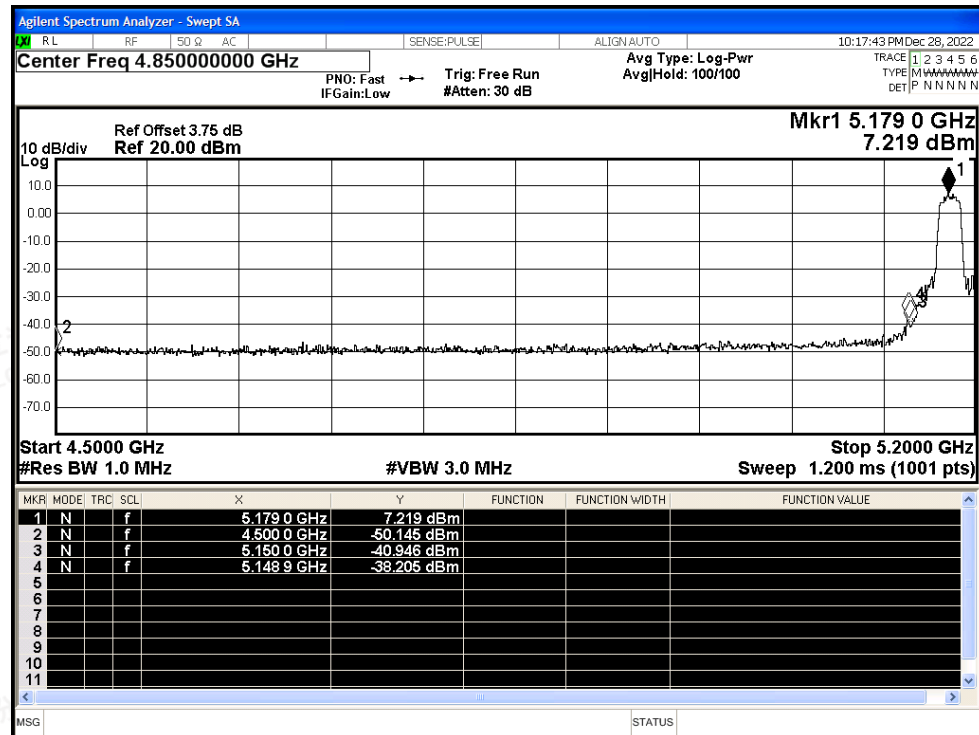
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

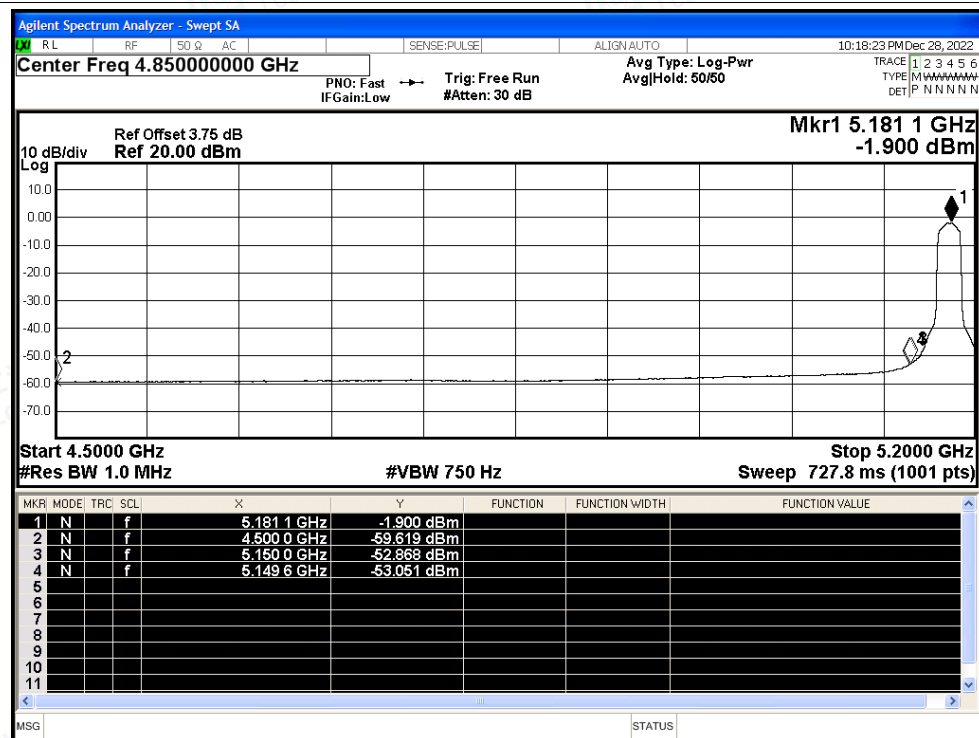


## Test Graphs

## Restrict Band NVNT a 5180MHz Ant1 Peak

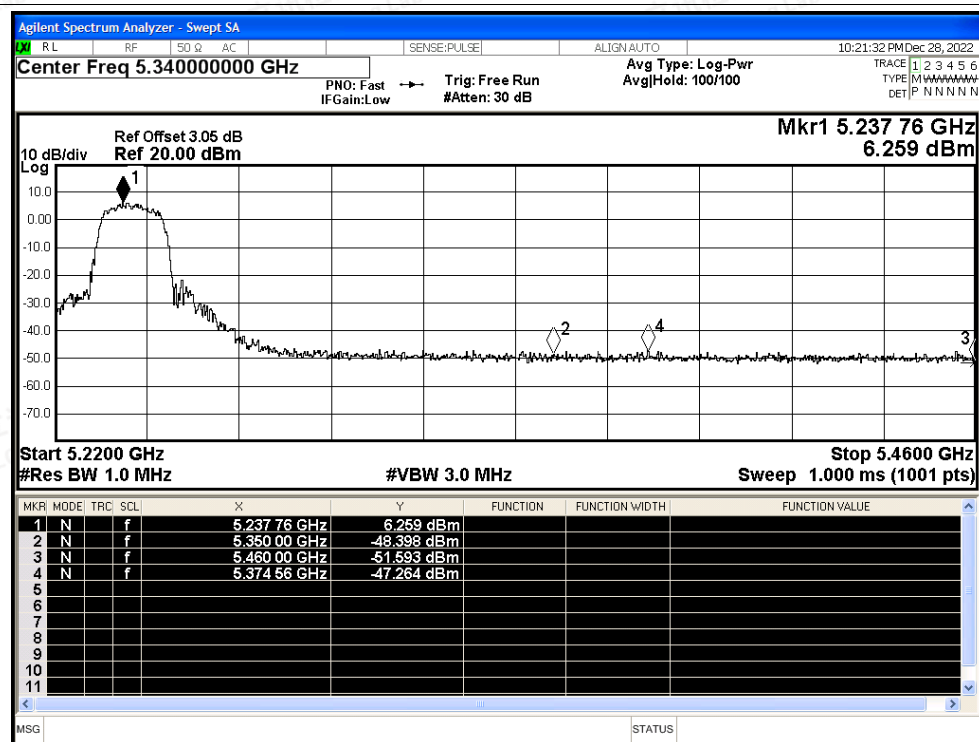


## Restrict Band NVNT a 5180MHz Ant1 Average

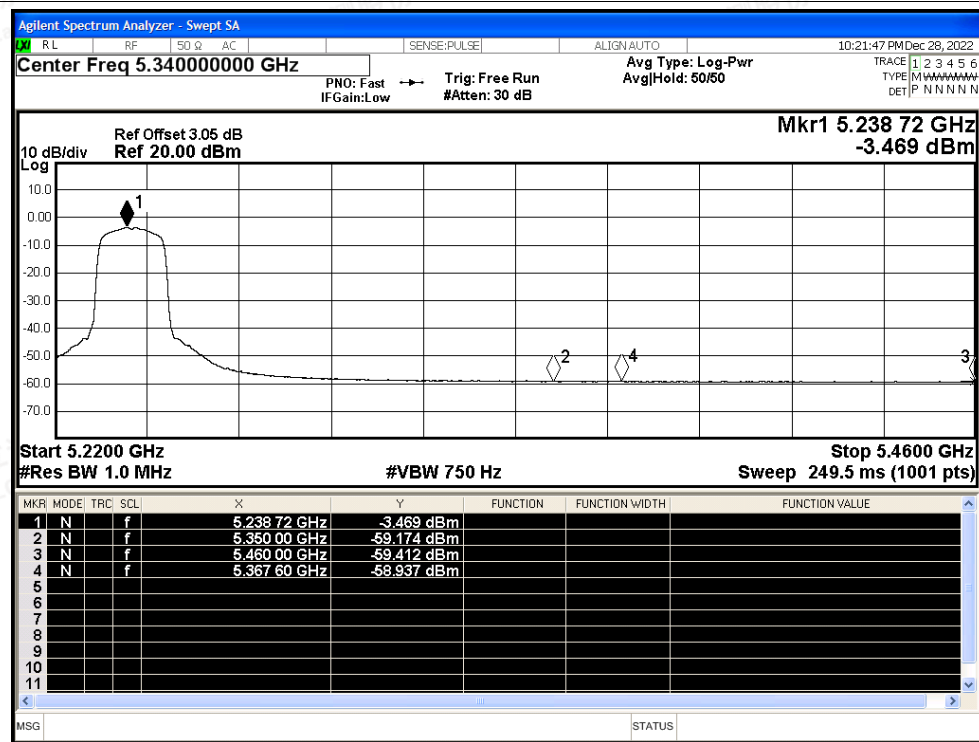




## Restrict Band NVNT a 5240MHz Ant1 Peak



## Restrict Band NVNT a 5240MHz Ant1 Average



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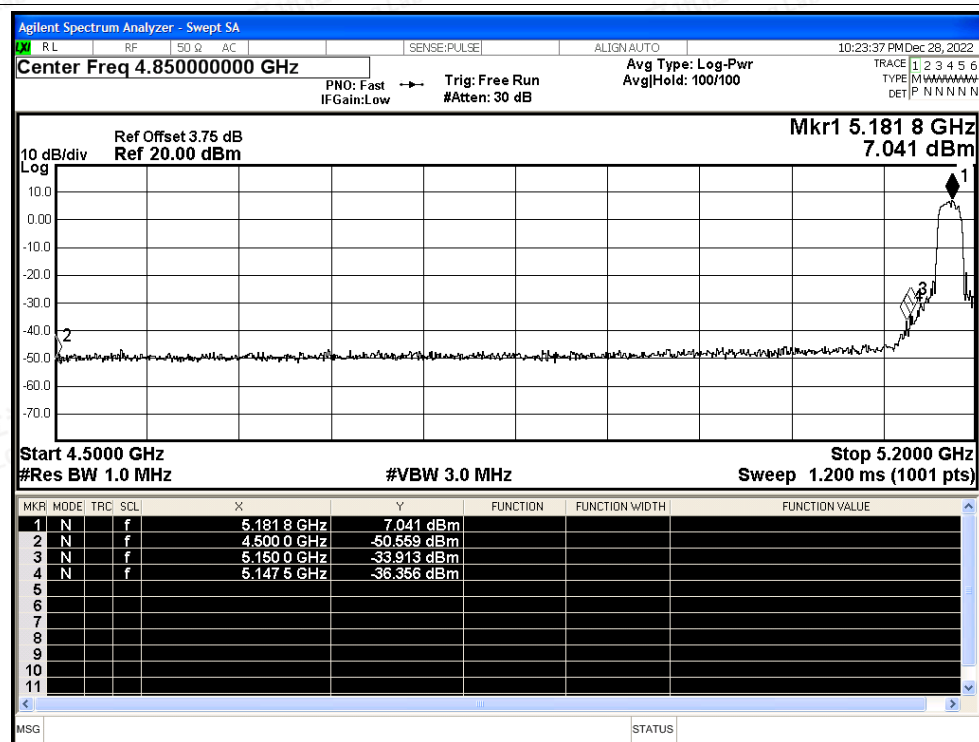
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

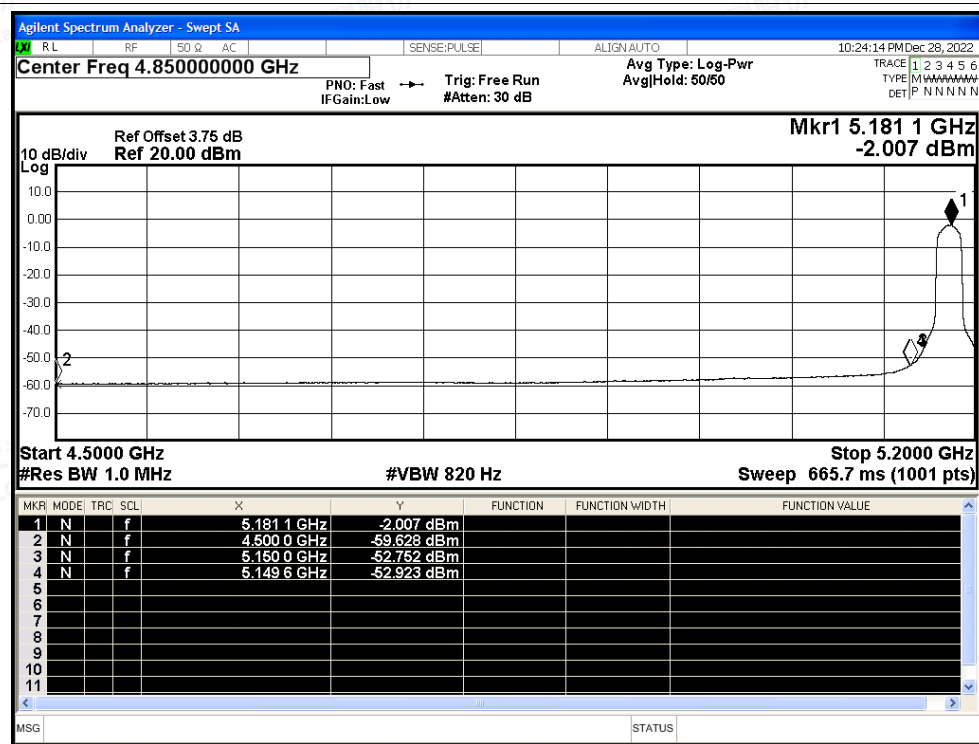
Scan code to check authenticity



## Restrict Band NVNT n20 5180MHz Ant1 Peak



## Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

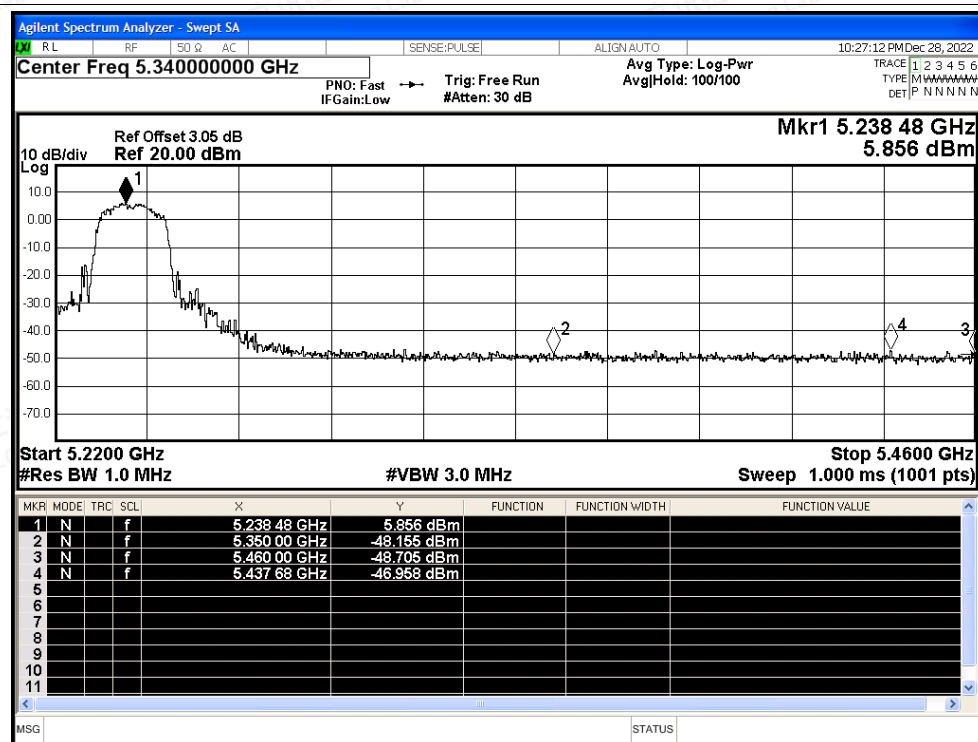
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

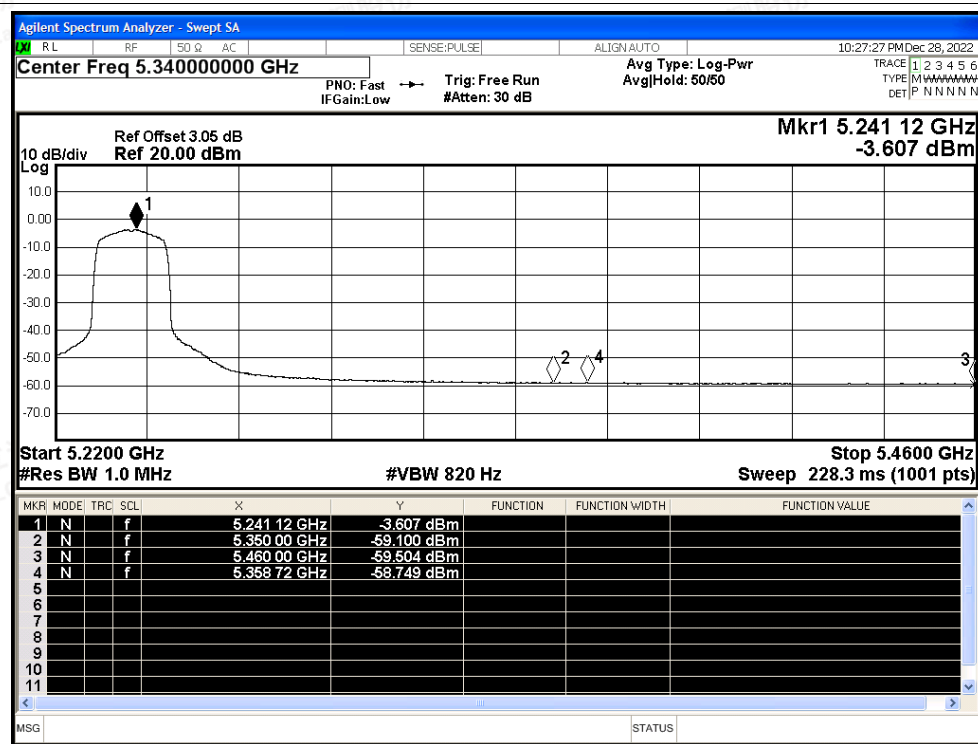
Scan code to check authenticity



## Restrict Band NVNT n20 5240MHz Ant1 Peak



## Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

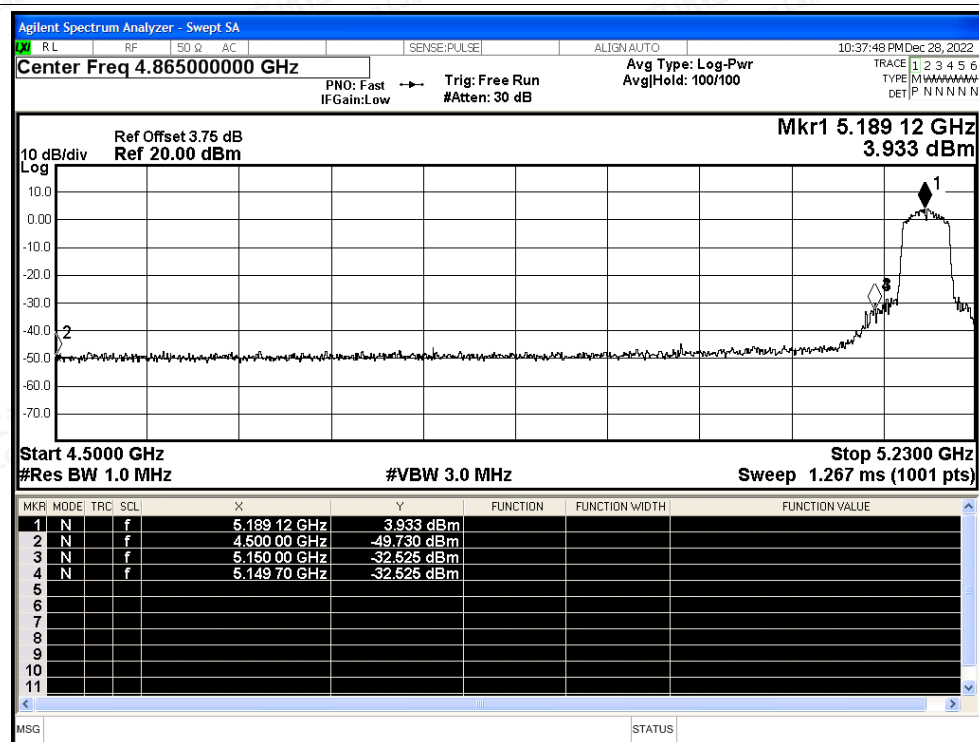
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

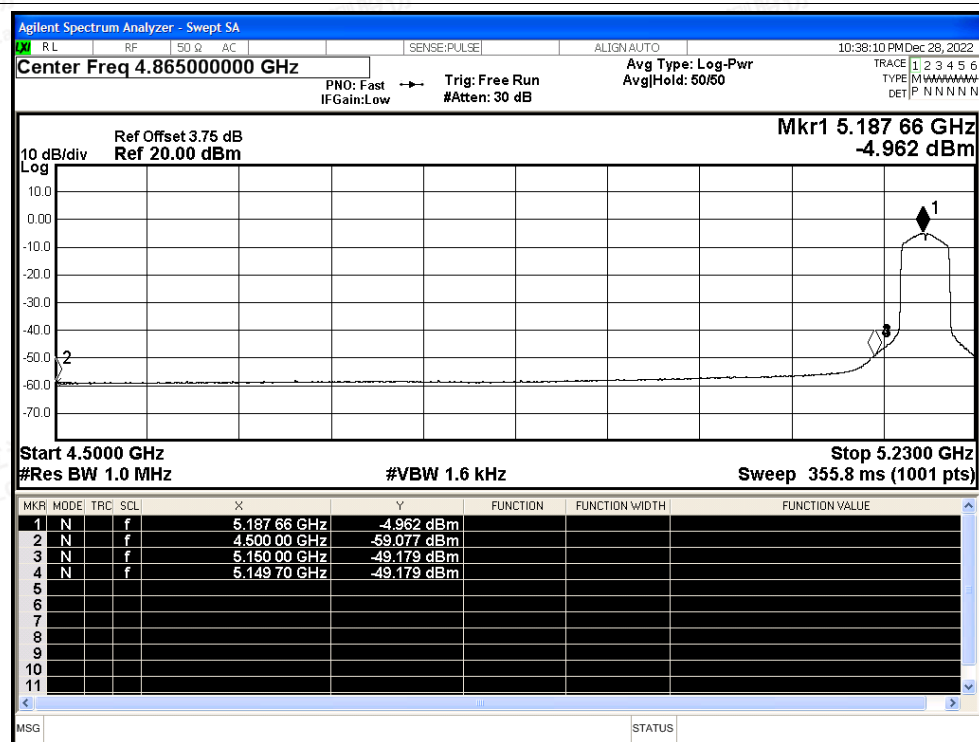
Scan code to check authenticity



## Restrict Band NVNT n40 5190MHz Ant1 Peak



## Restrict Band NVNT n40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

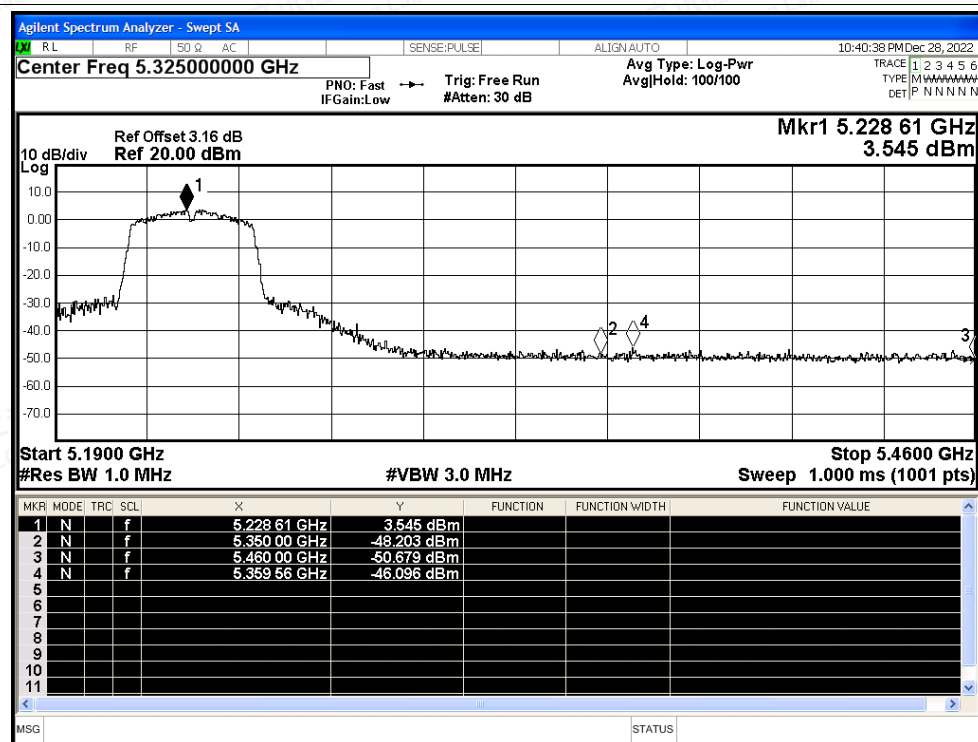
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

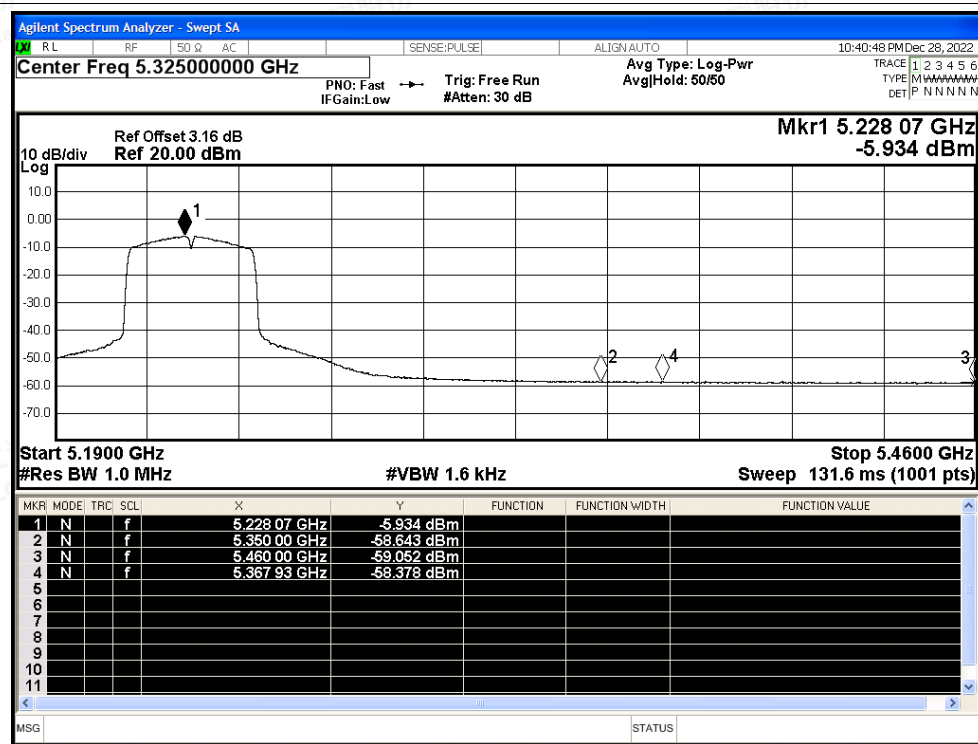
Scan code to check authenticity



## Restrict Band NVNT n40 5230MHz Ant1 Peak



## Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

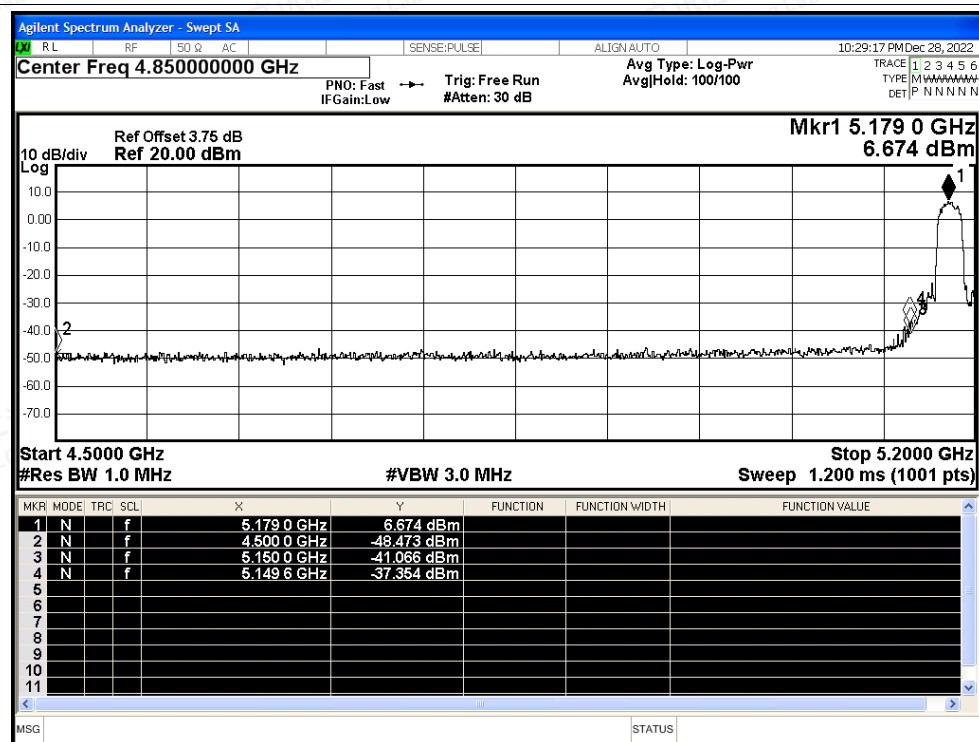
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

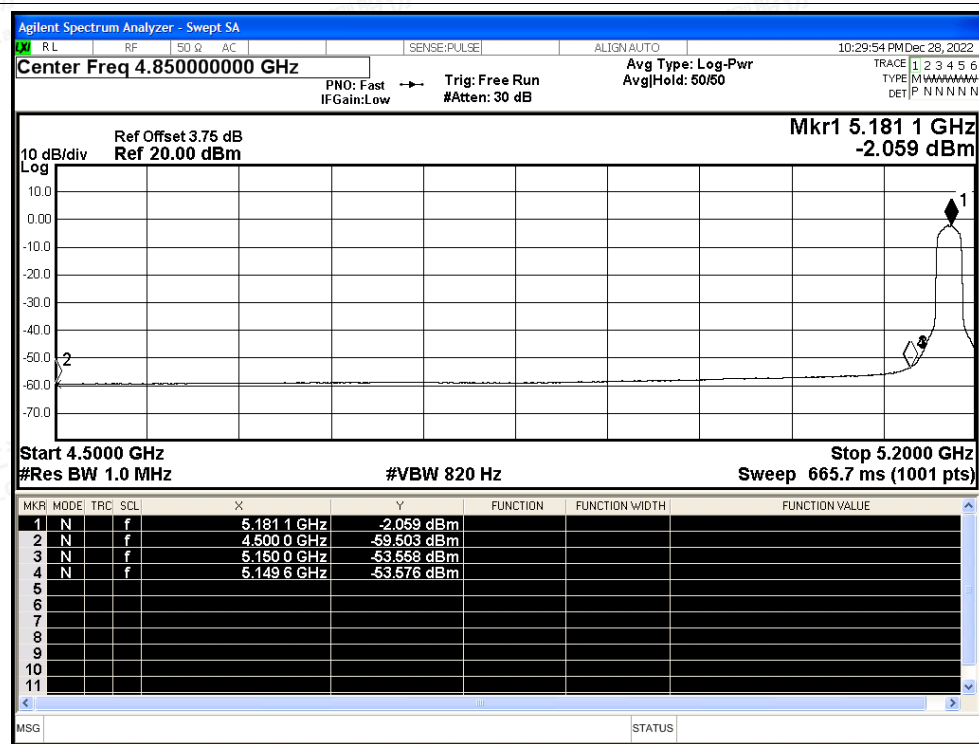
Scan code to check authenticity



## Restrict Band NVNT ac20 5180MHz Ant1 Peak



## Restrict Band NVNT ac20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

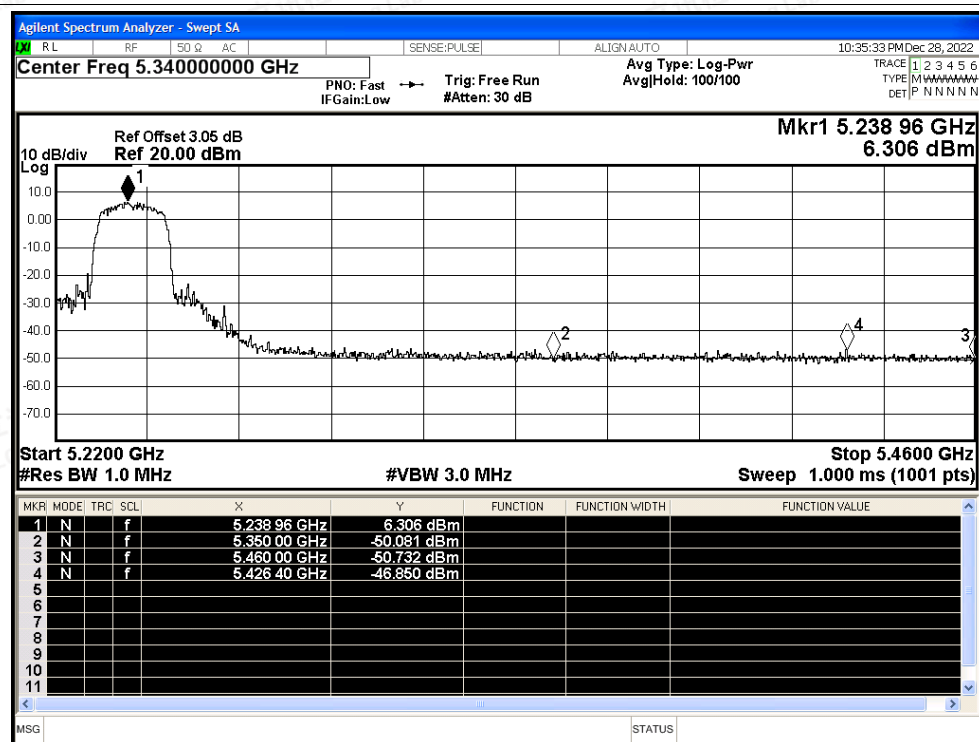
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

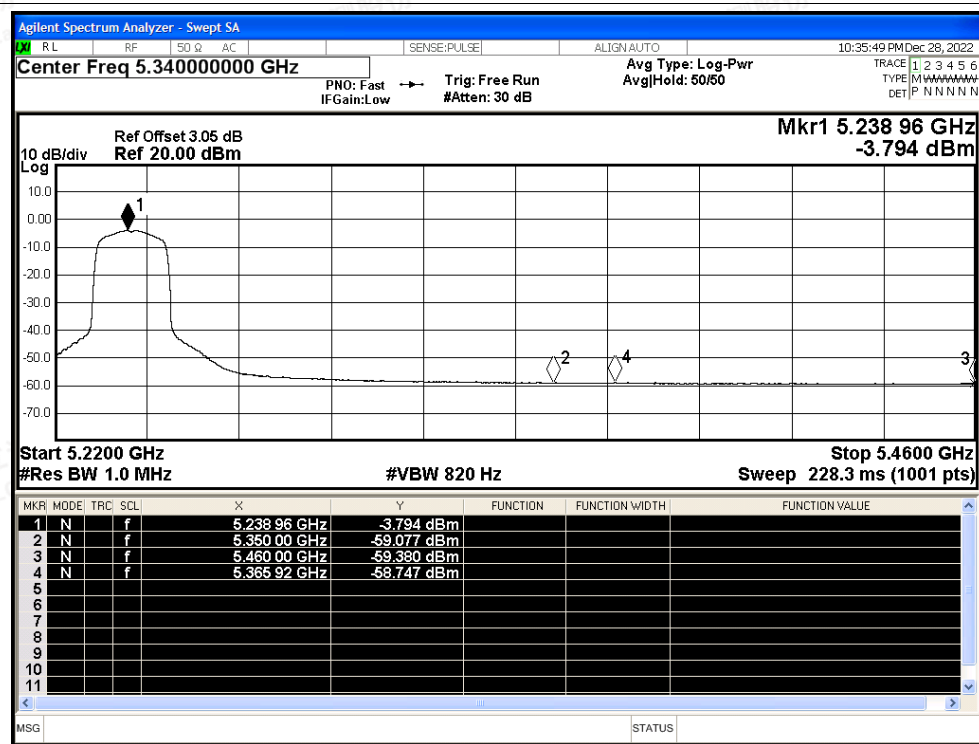
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## Restrict Band NVNT ac20 5240MHz Ant1 Peak



## Restrict Band NVNT ac20 5240MHz Ant1 Average



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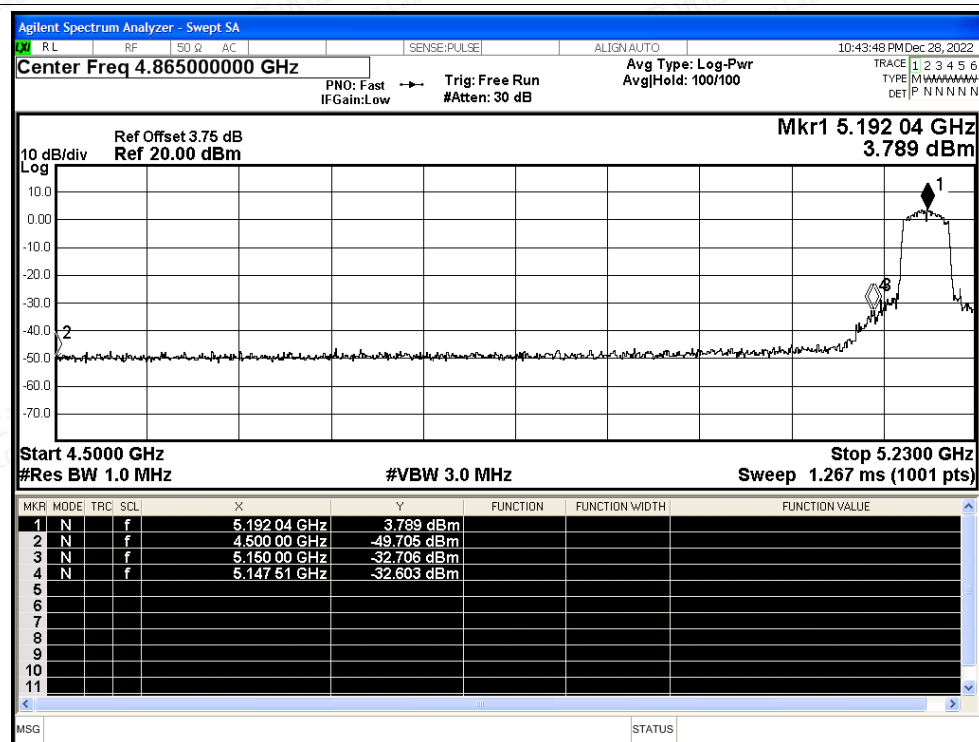
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

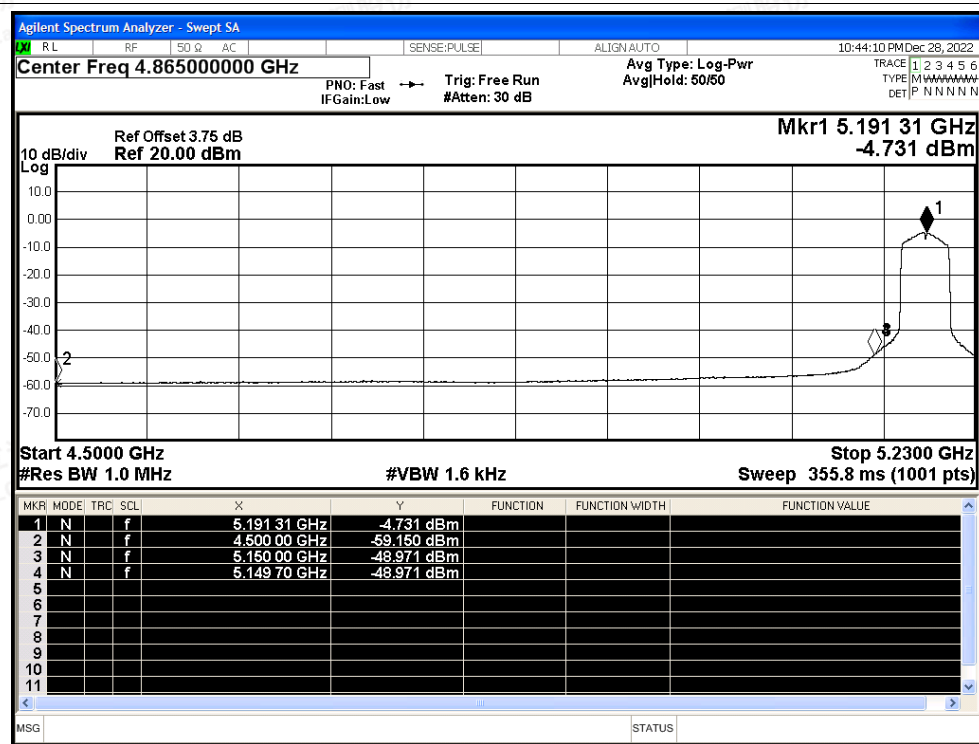
Scan code to check authenticity



## Restrict Band NVNT ac40 5190MHz Ant1 Peak



## Restrict Band NVNT ac40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

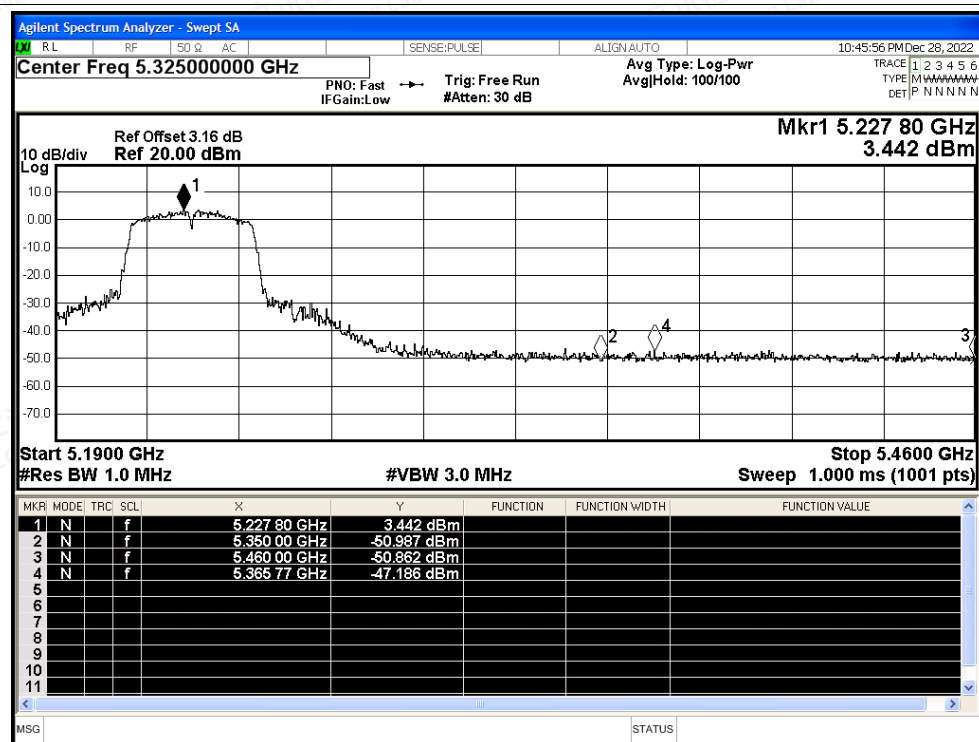
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

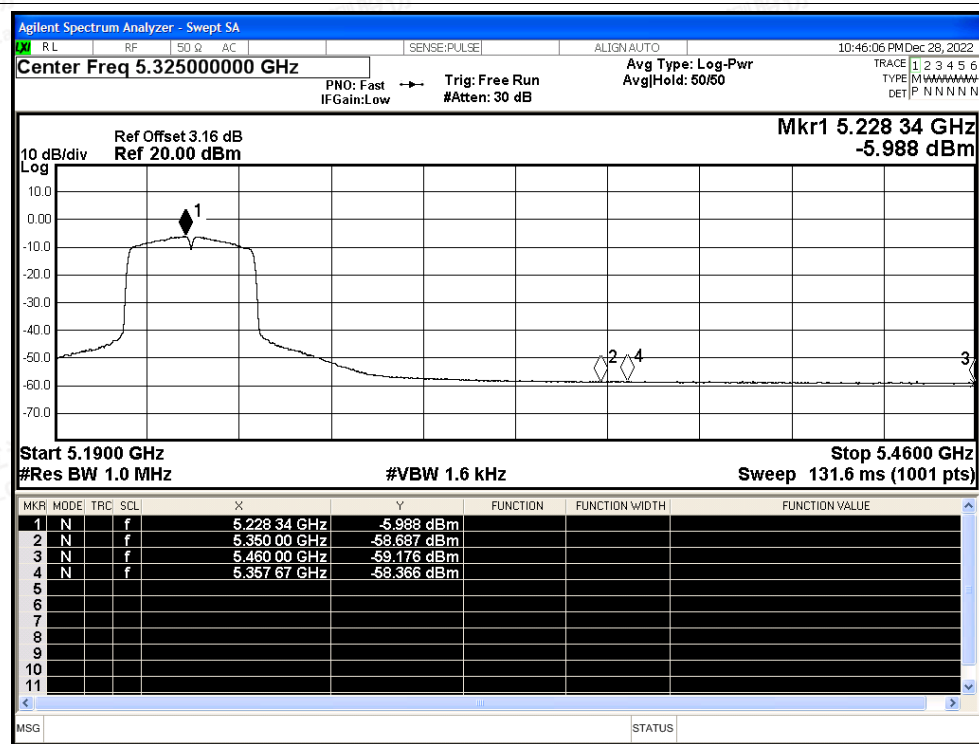
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## Restrict Band NVNT ac40 5230MHz Ant1 Peak



## Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

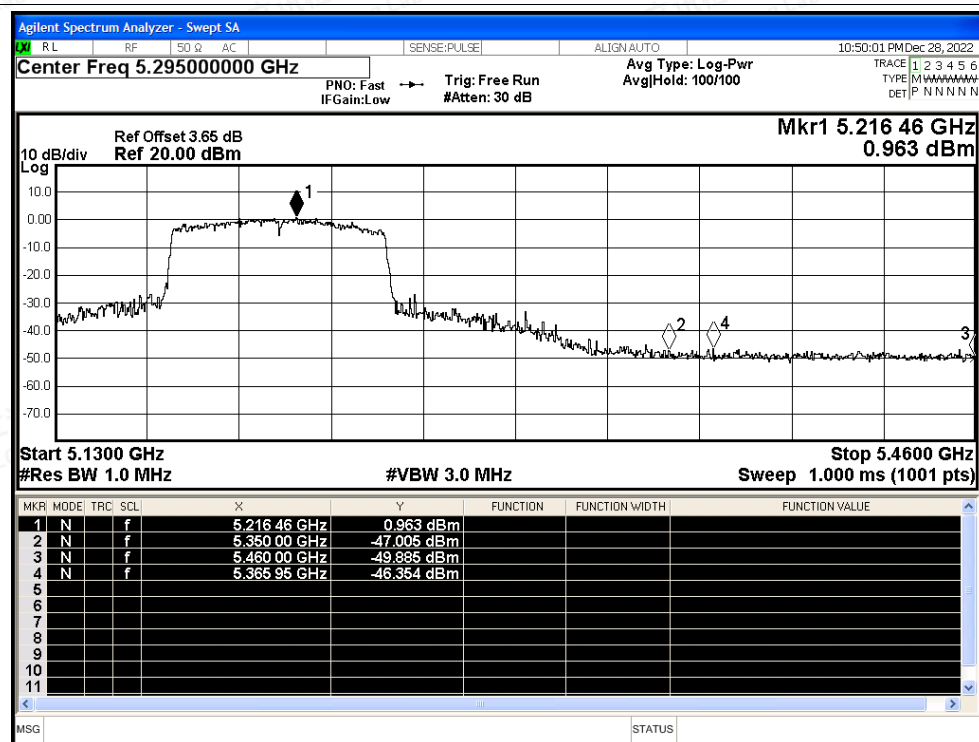
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

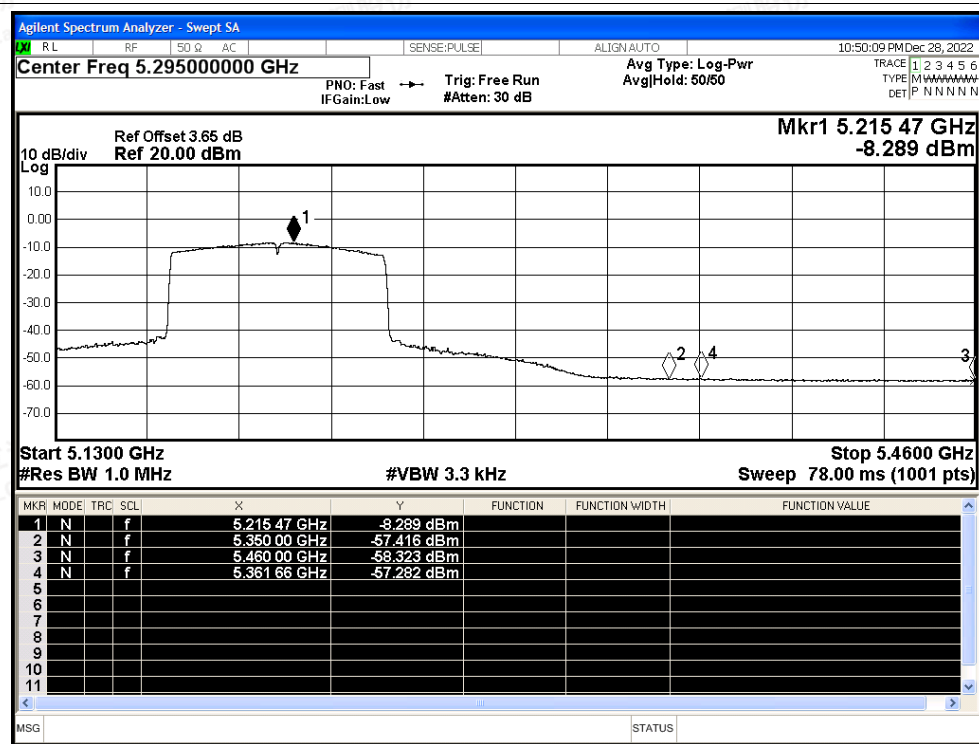
Scan code to check authenticity



## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

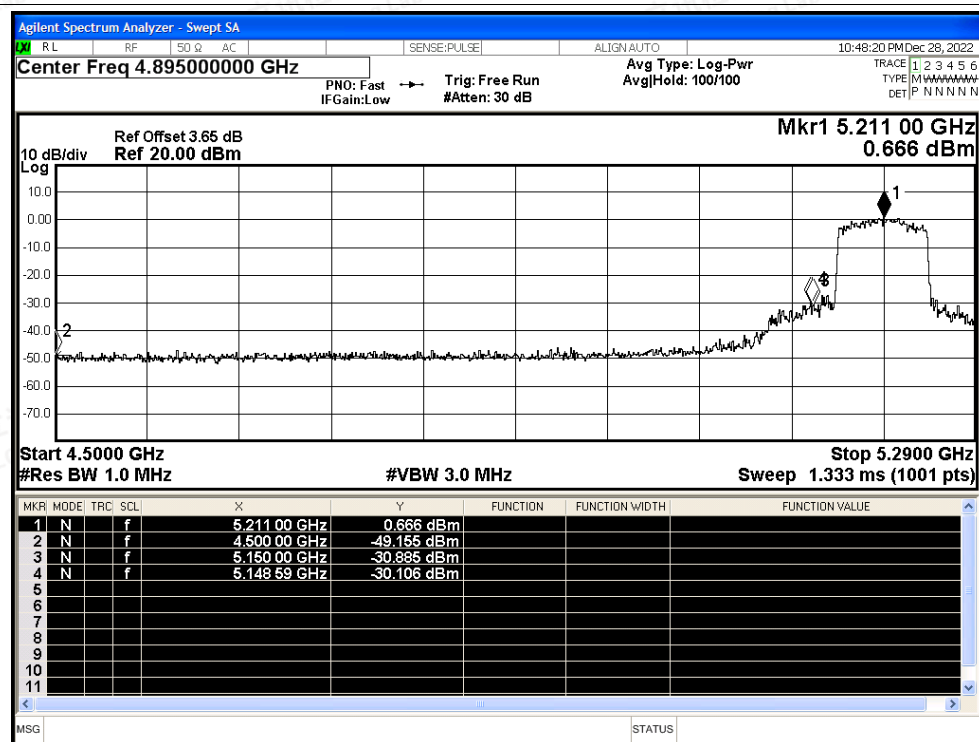
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

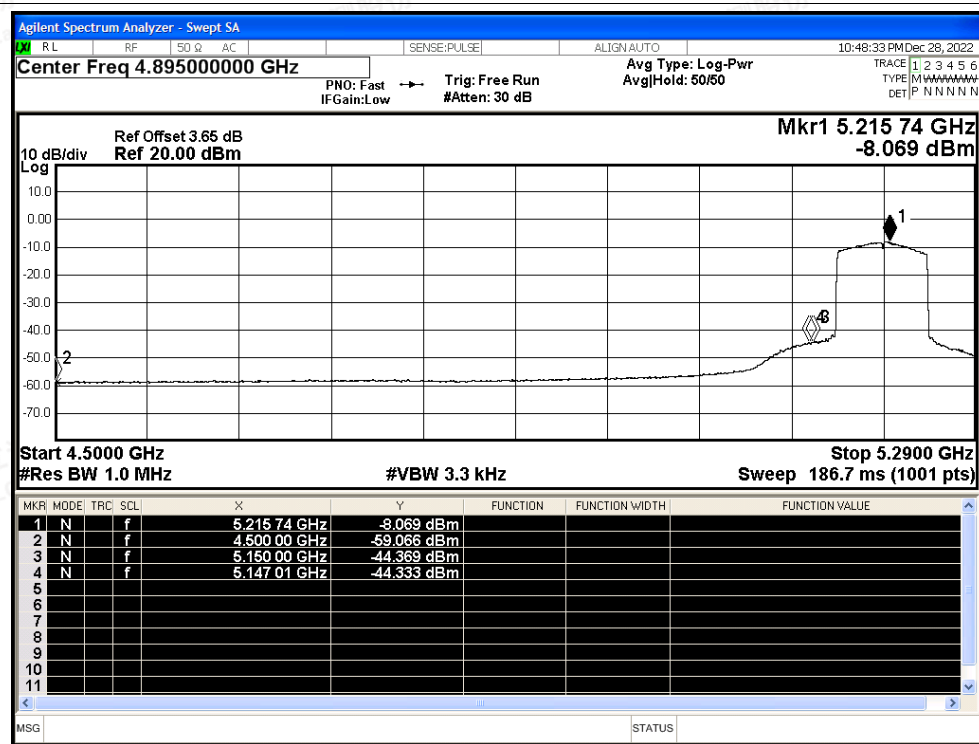
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## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## 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      | n40  | 5190            | Ant1    | 5190                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5229.96                  | -40000               | -7.65           | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5180                     | 0                    | 0               | 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    | 5230                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 5210                     | 0                    | 0               | 25          | Pass    |

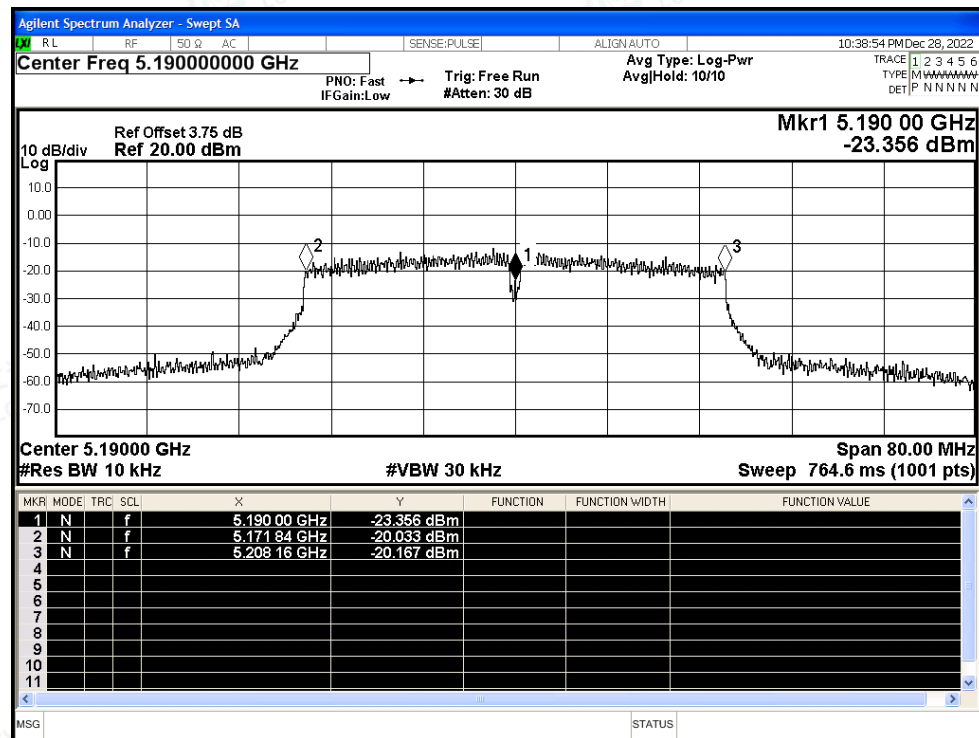


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

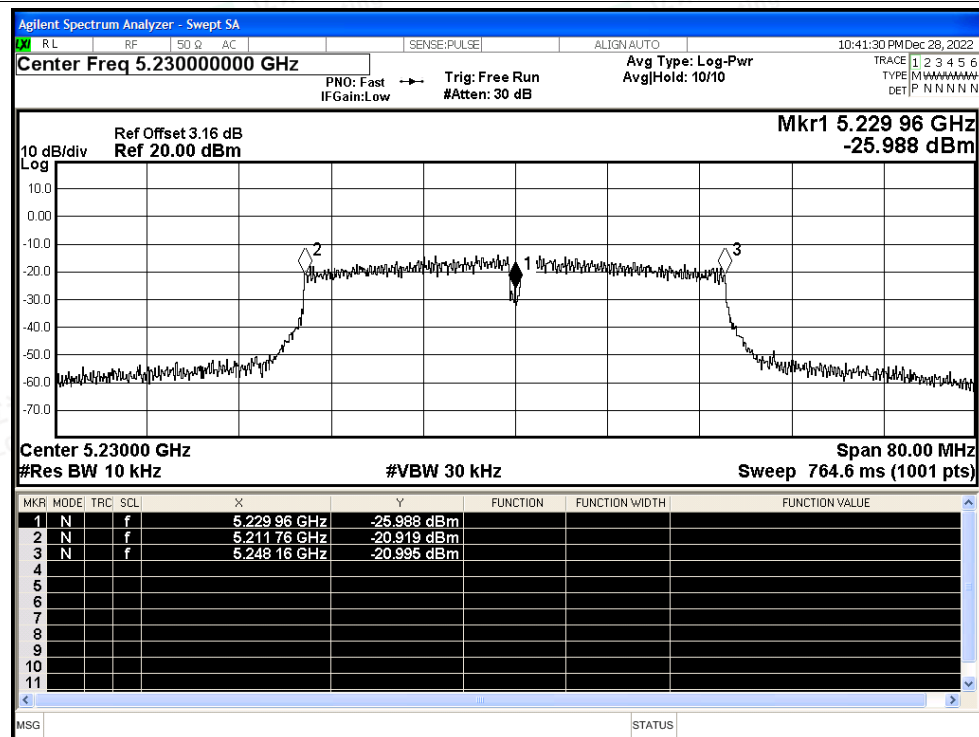


## Test Graphs

## Freq. Stability NVNT n40 5190MHz Ant1



## Freq. Stability NVNT n40 5230MHz Ant1



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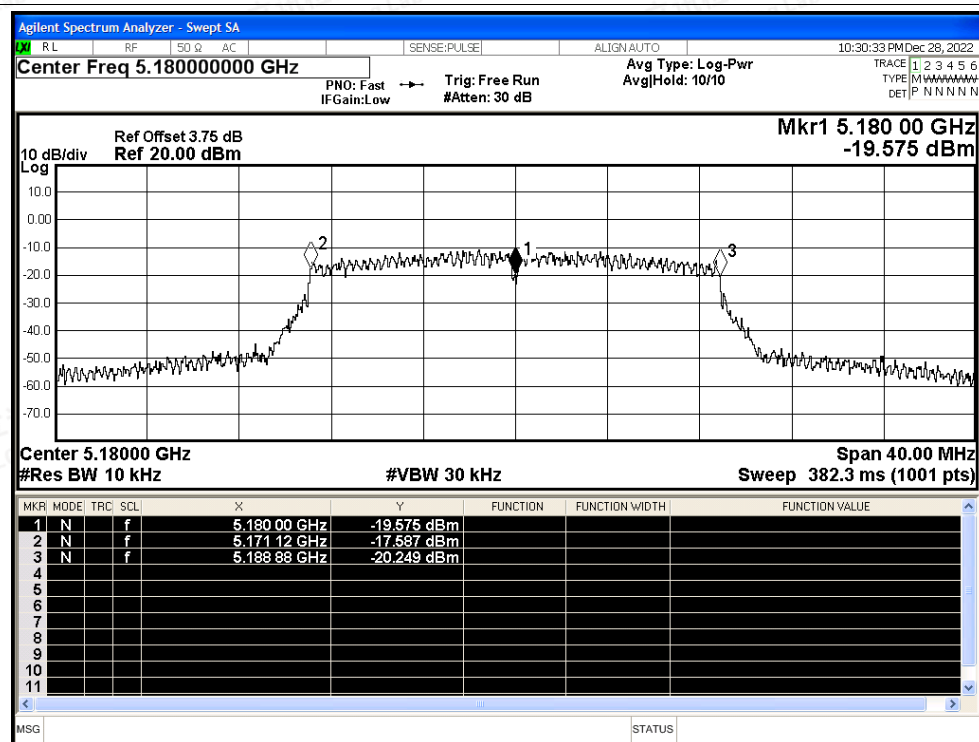
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

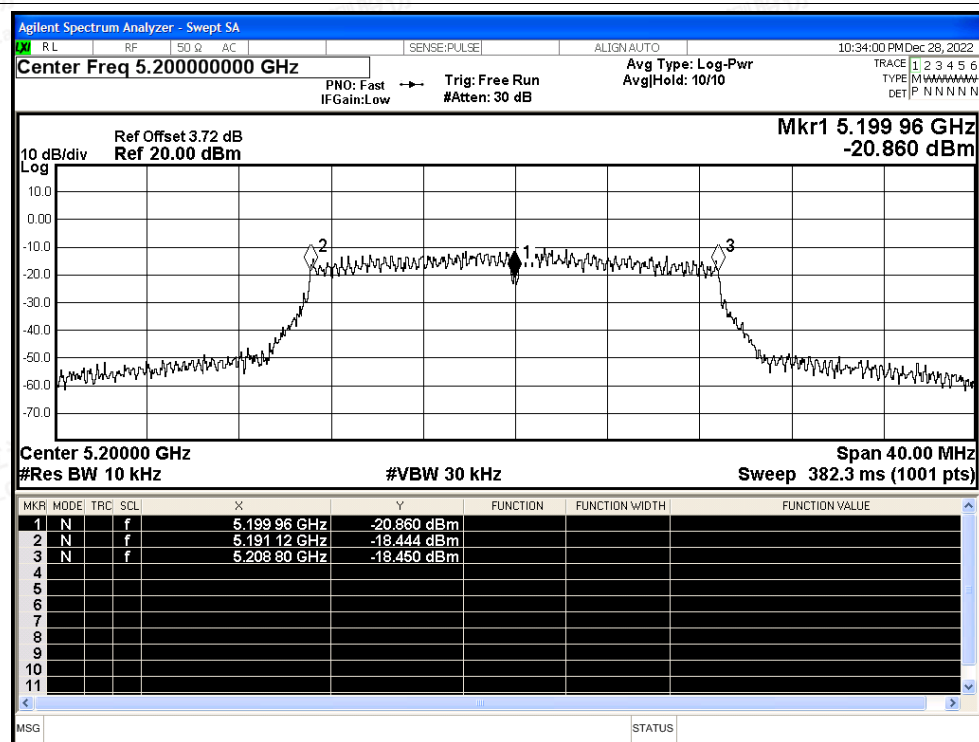
Scan code to check authenticity



## Freq. Stability NVNT ac20 5180MHz Ant1



## Freq. Stability NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

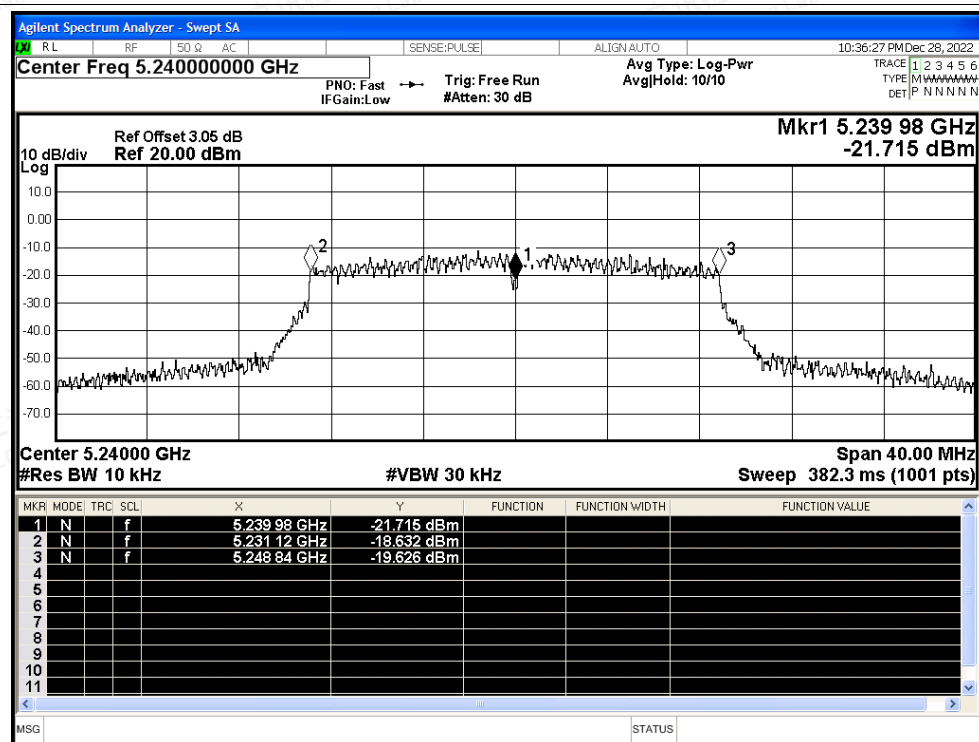
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

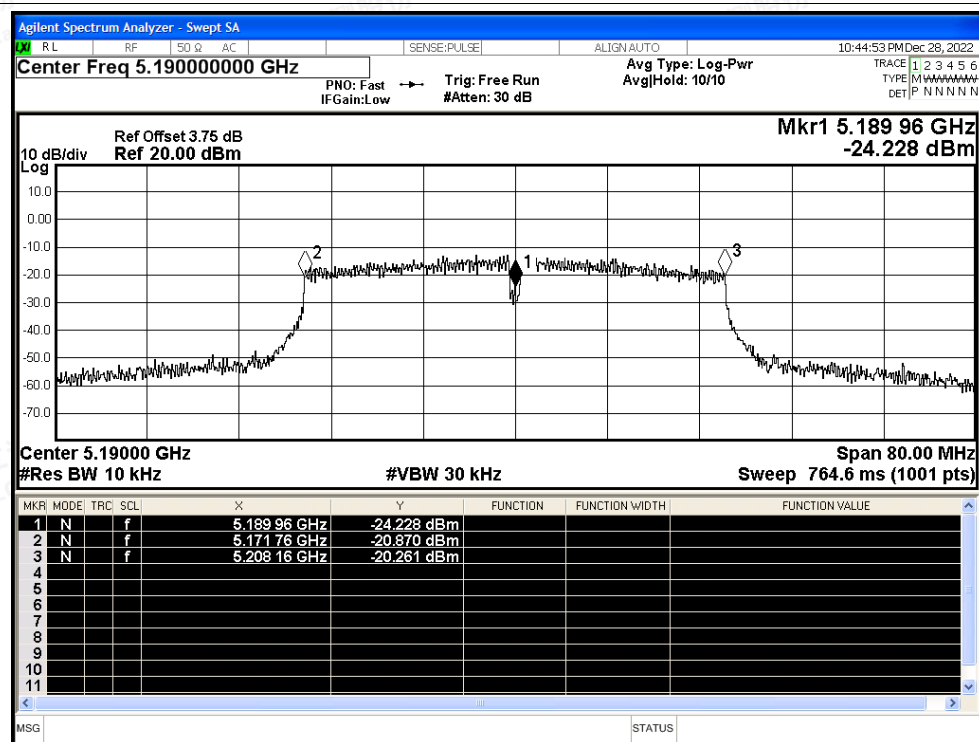
Scan code to check authenticity



## Freq. Stability NVNT ac20 5240MHz Ant1



## Freq. Stability NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

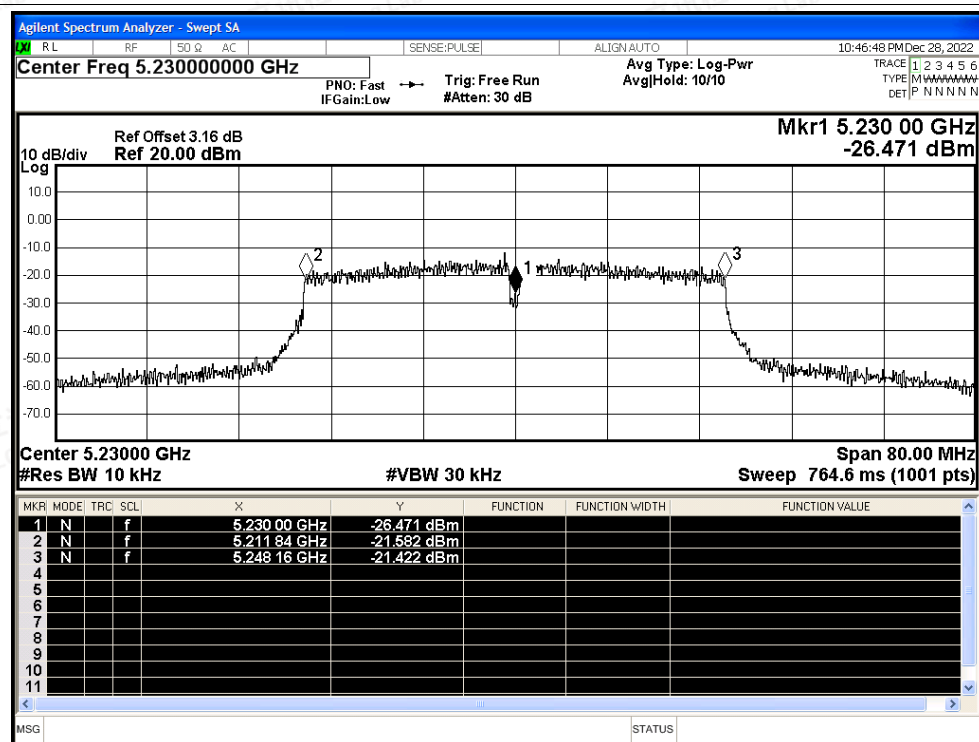
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

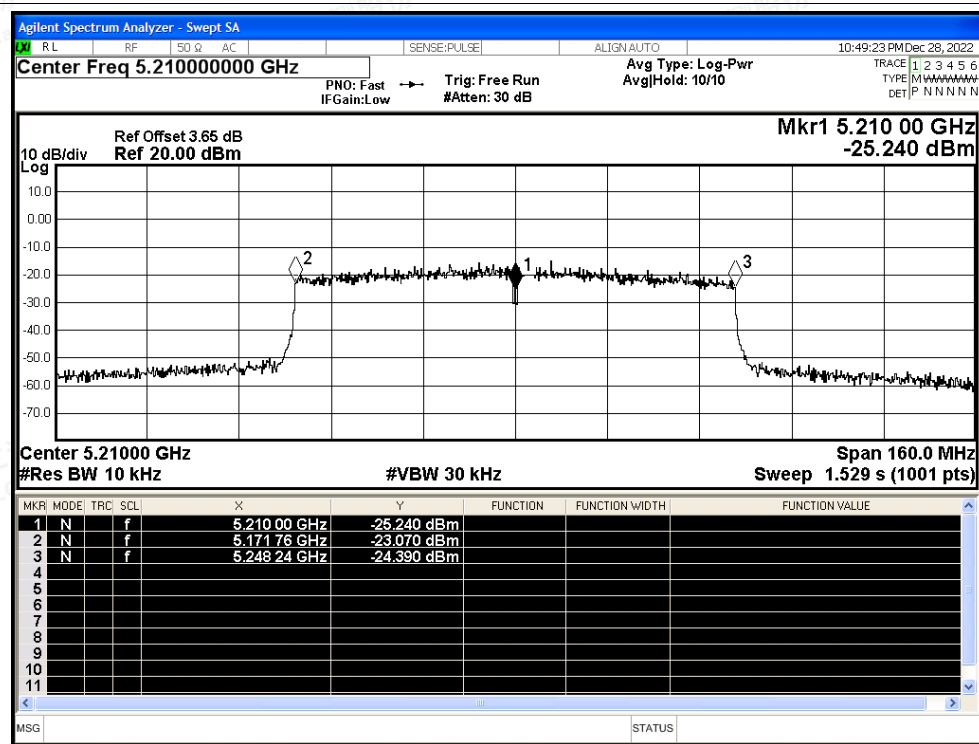
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## Freq. Stability NVNT ac40 5230MHz Ant1



## Freq. Stability NVNT ac80 5210MHz Ant1



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D.6 Duty Cycle

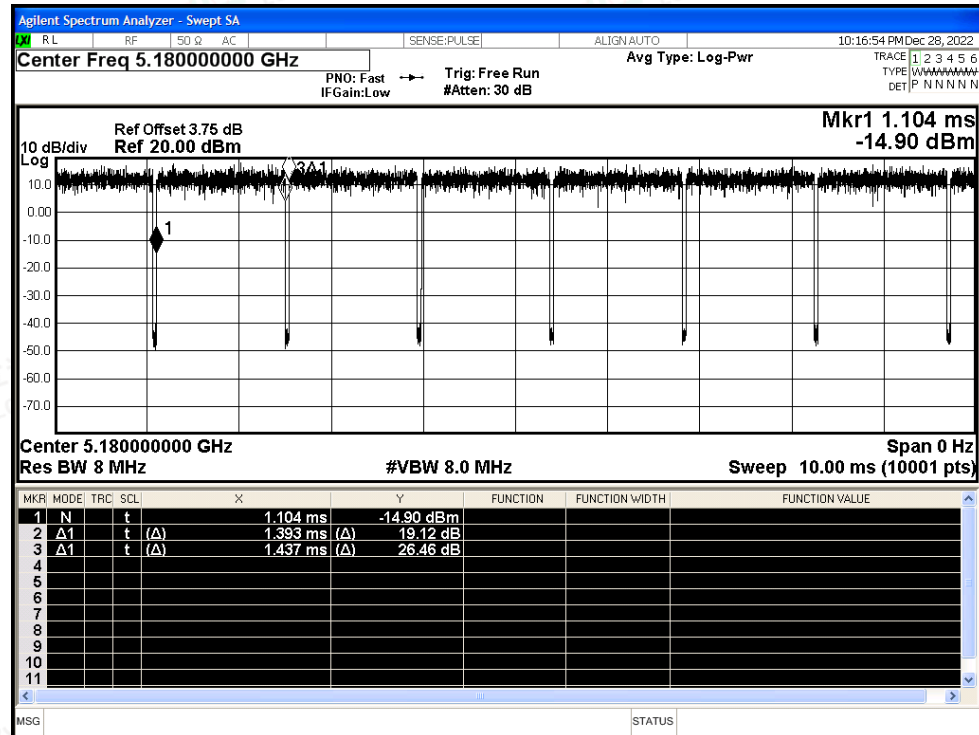
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | a    | 5200            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | a    | 5240            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | n20  | 5180            | Ant1    | 96.62          | 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    | 93.68          | 0.28                   | 1.53      |
| NVNT      | n40  | 5230            | Ant1    | 93.68          | 0.28                   | 1.53      |
| NVNT      | ac20 | 5180            | Ant1    | 96.78          | 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    | 93.68          | 0.28                   | 1.53      |
| NVNT      | ac40 | 5230            | Ant1    | 93.68          | 0.28                   | 1.53      |
| NVNT      | ac80 | 5210            | Ant1    | 88.08          | 0.55                   | 3.08      |



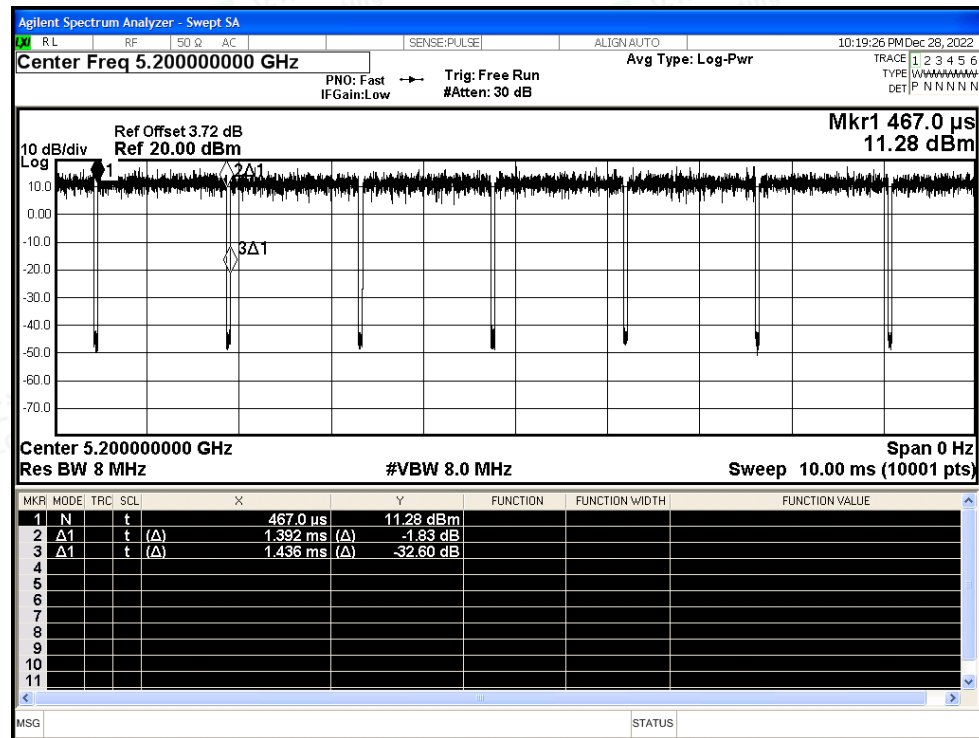


## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1



## Duty Cycle NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

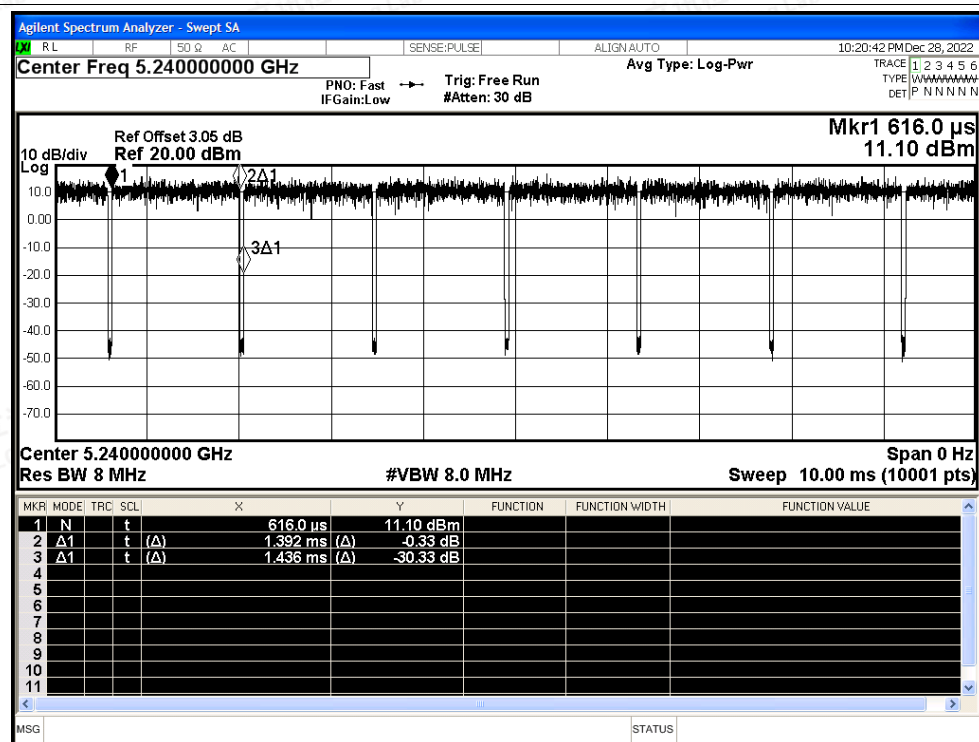
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

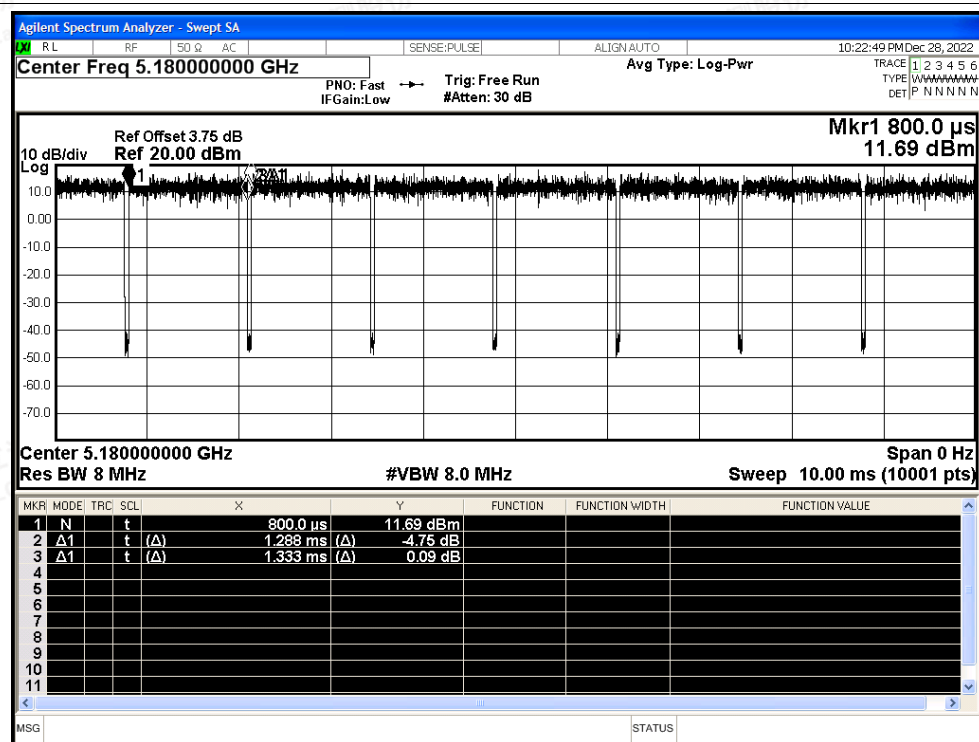
Scan code to check authenticity



## Duty Cycle NVNT a 5240MHz Ant1



## Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

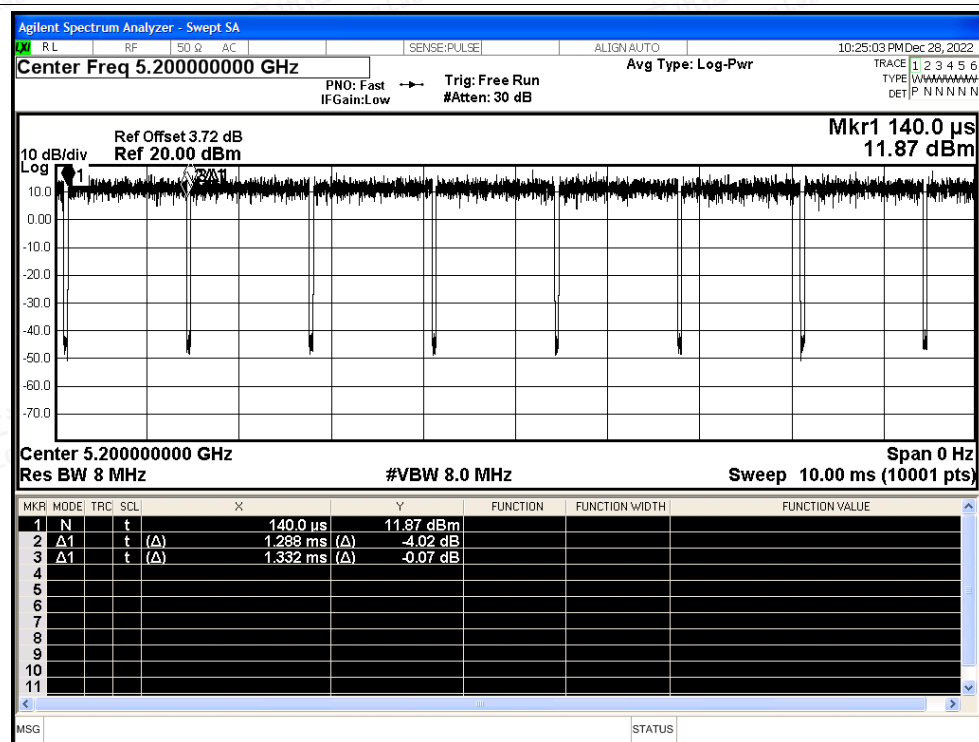
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

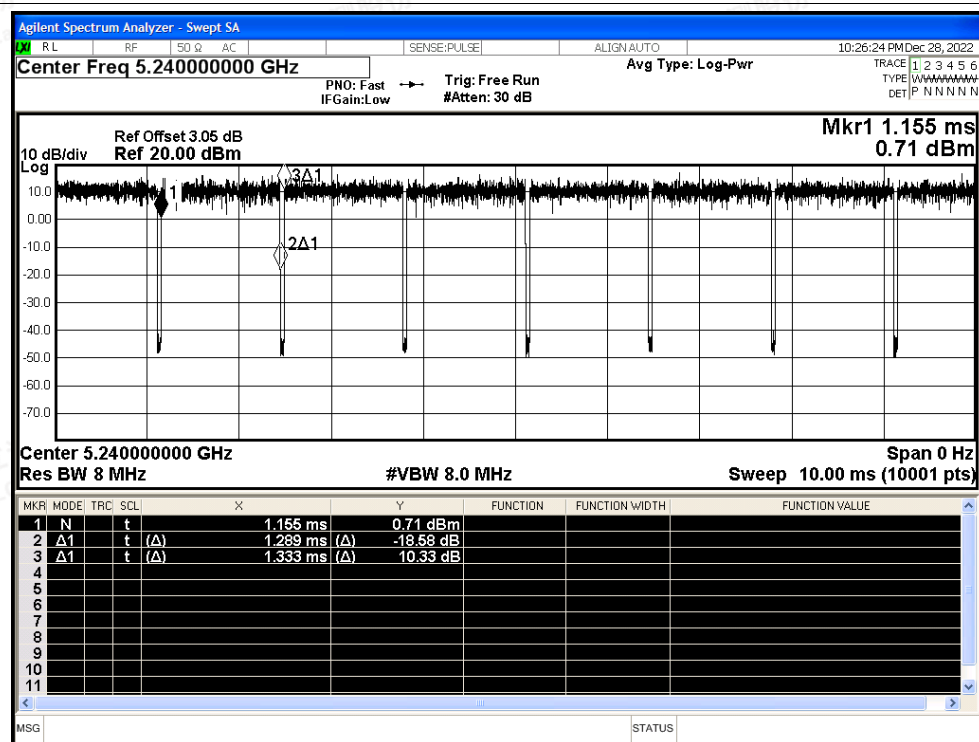
Scan code to check authenticity



## Duty Cycle NVNT n20 5200MHz Ant1



## Duty Cycle NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

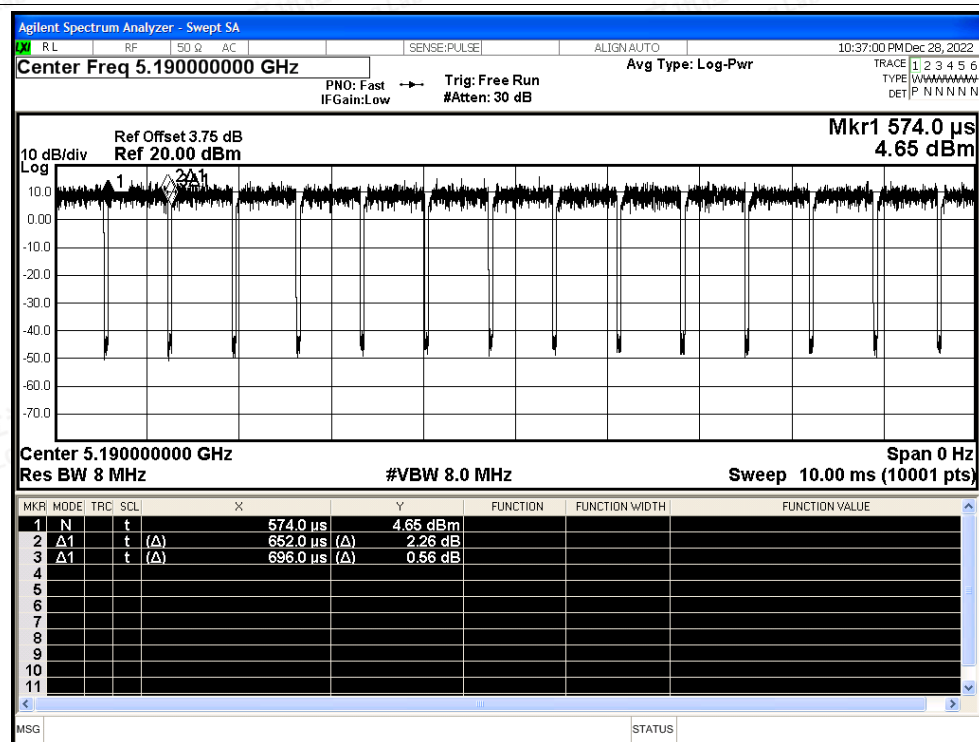
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

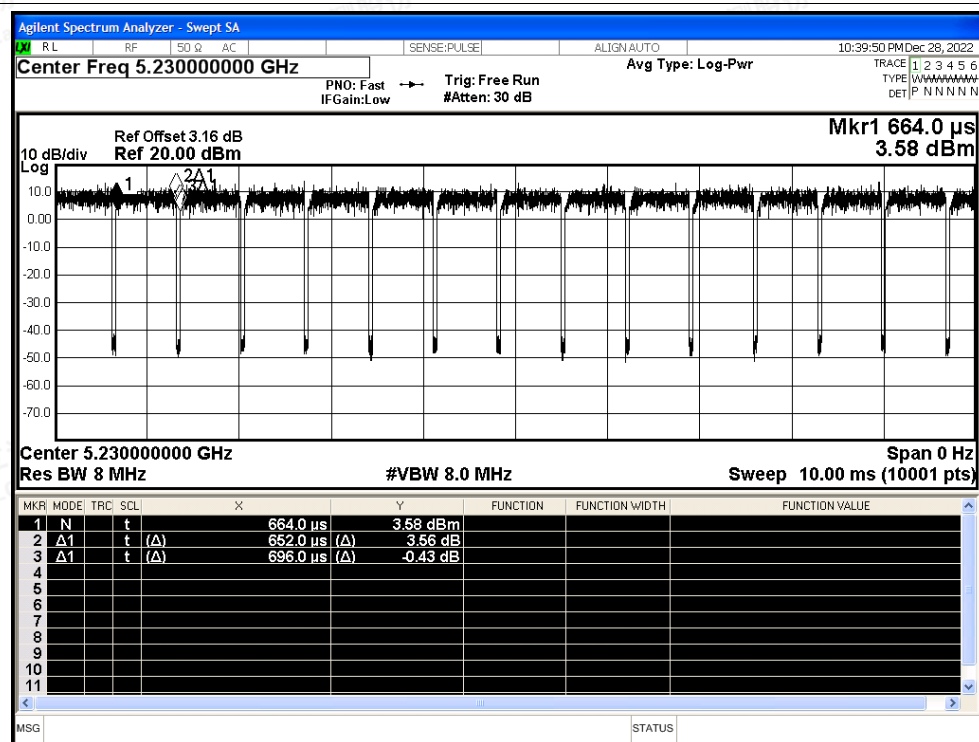
Scan code to check authenticity



## Duty Cycle NVNT n40 5190MHz Ant1



## Duty Cycle NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

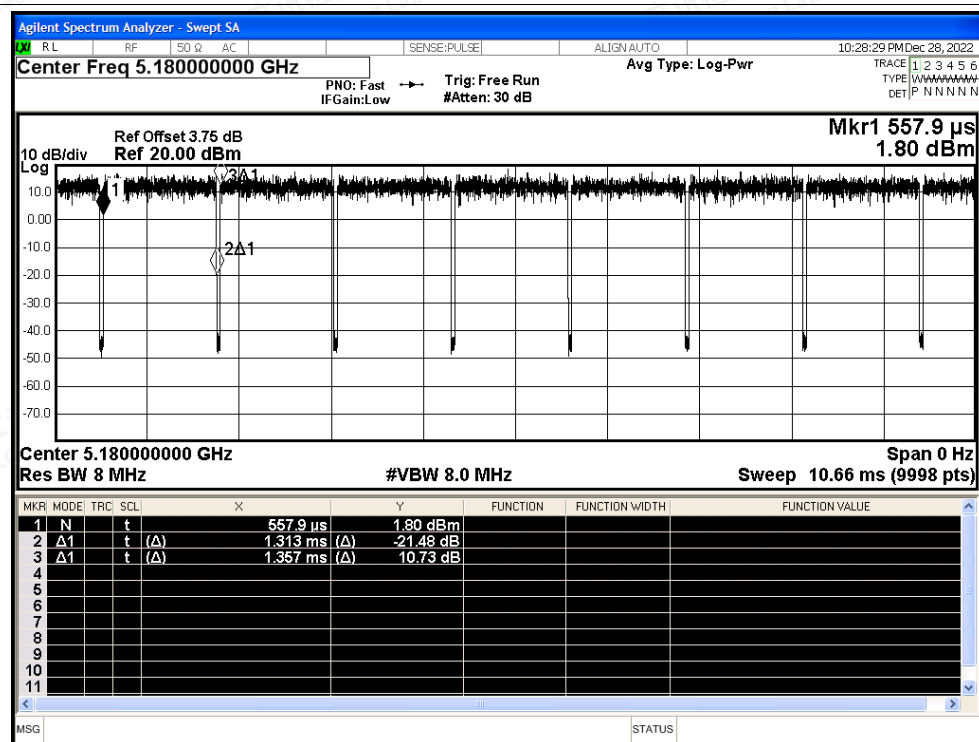
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

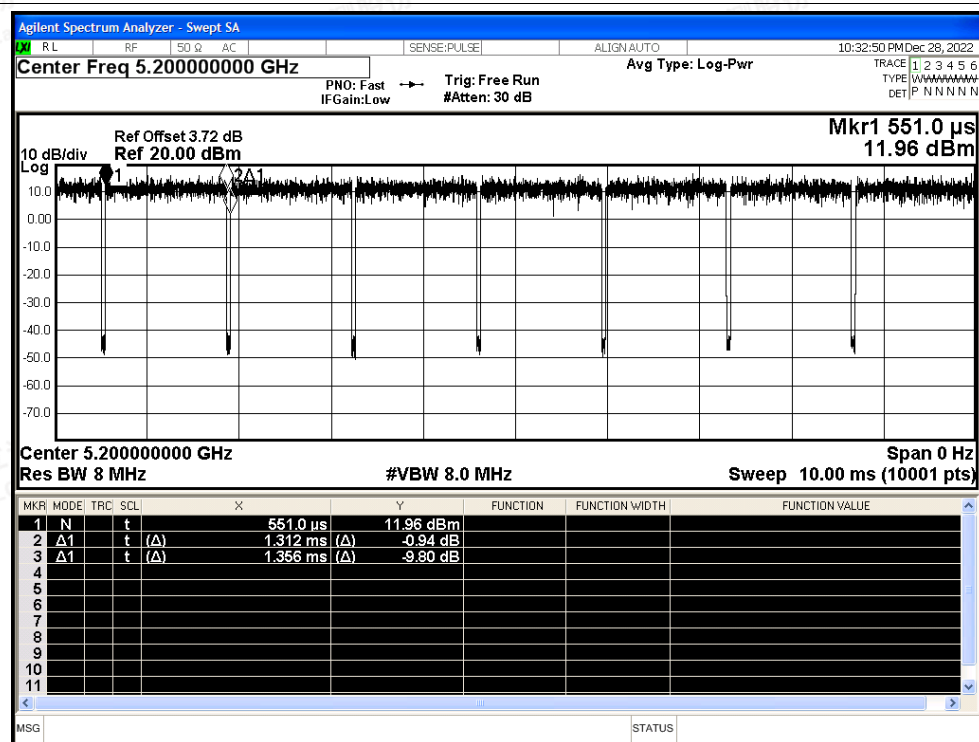
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## Duty Cycle NVNT ac20 5180MHz Ant1



## Duty Cycle NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

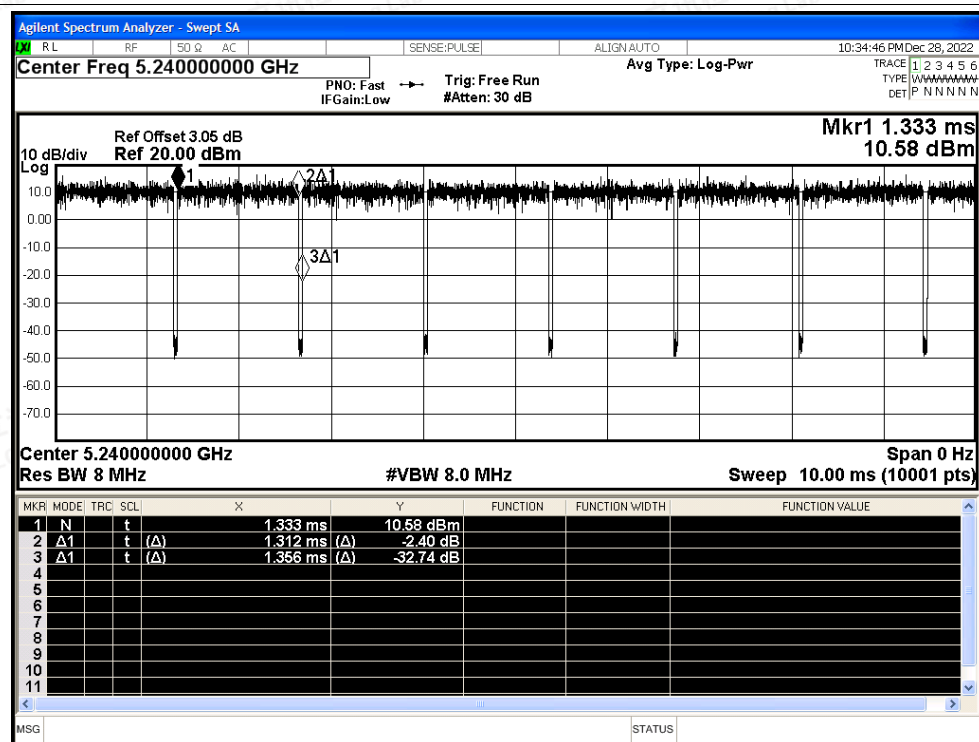
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

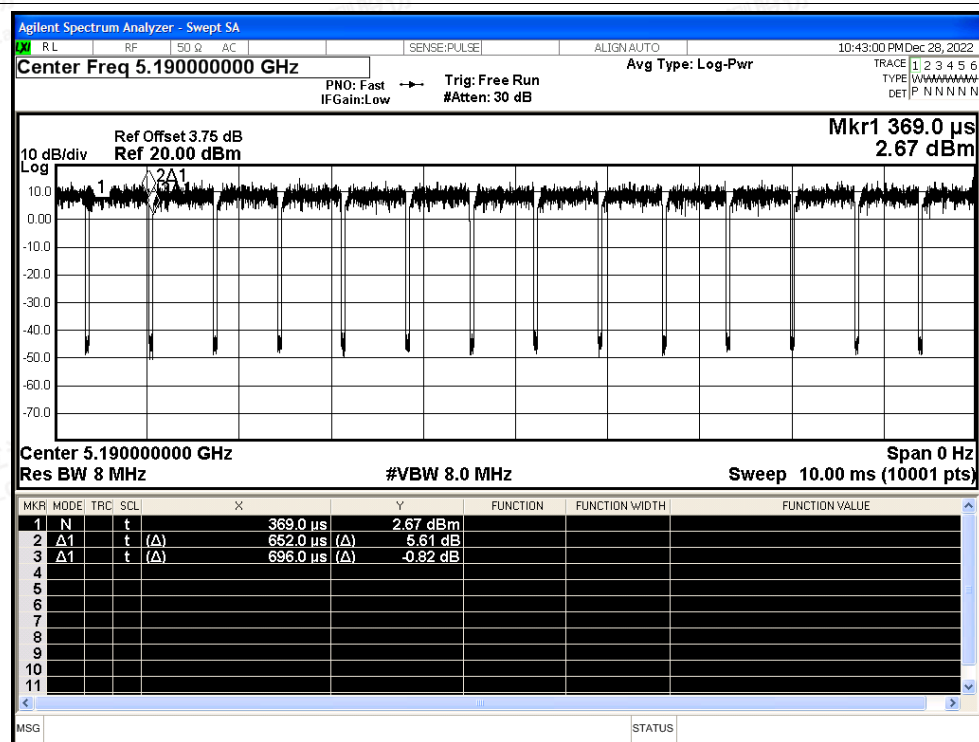
Scan code to check authenticity



## Duty Cycle NVNT ac20 5240MHz Ant1



## Duty Cycle NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

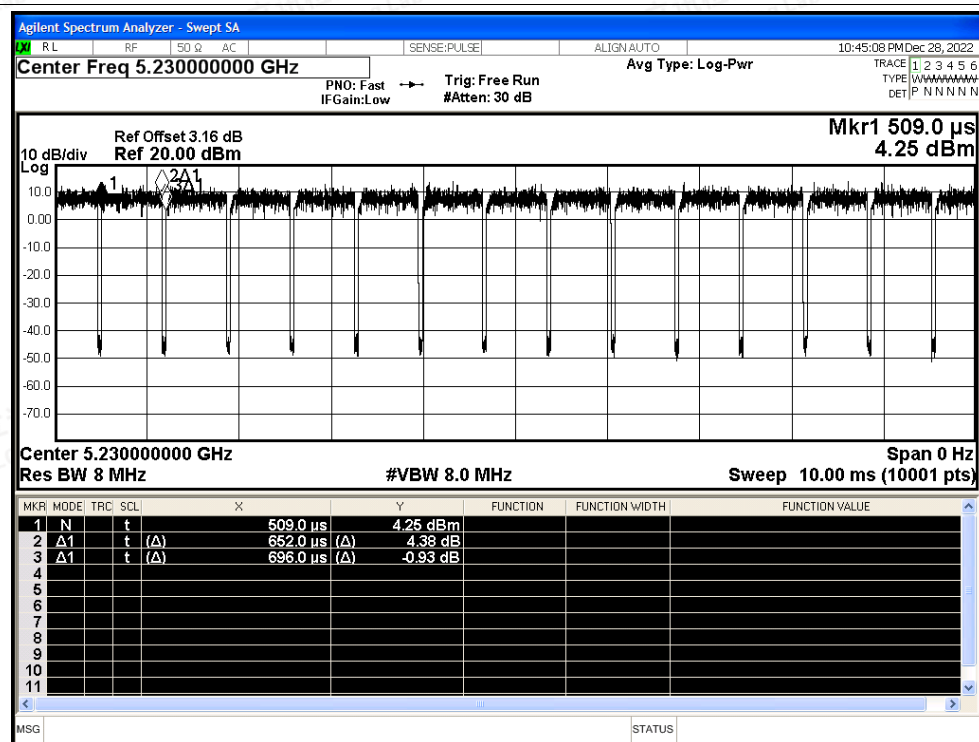
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

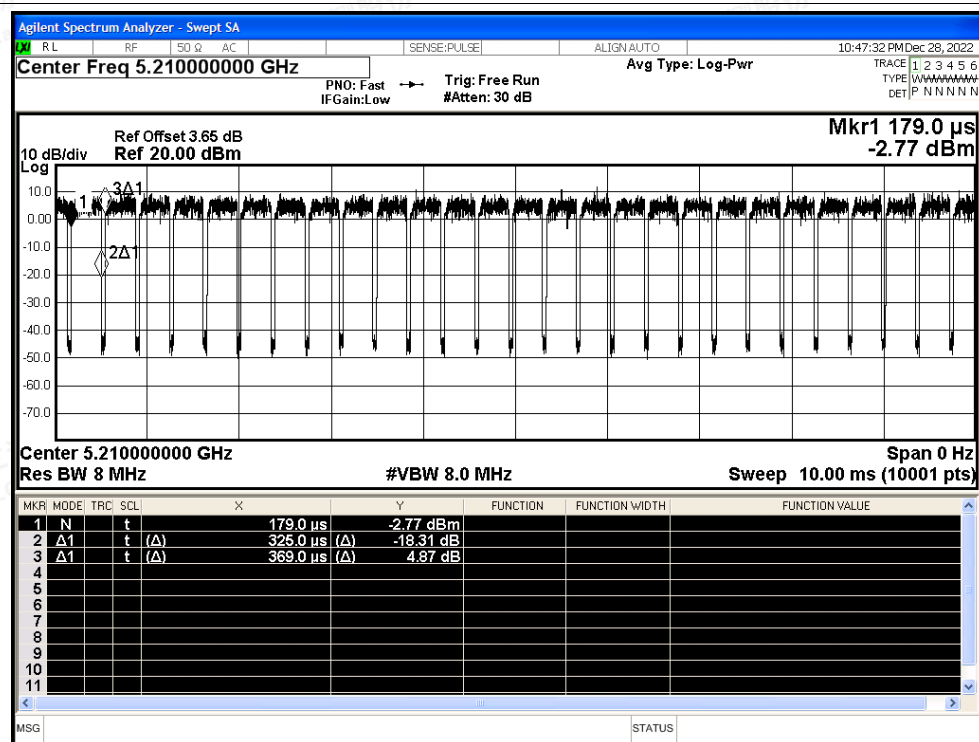
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## Duty Cycle NVNT ac40 5230MHz Ant1



## Duty Cycle NVNT ac80 5210MHz Ant1



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