



## Appendix B

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

Product Name: DAKT-50

Test Model: DAKT-50

#### Environmental Conditions

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





## B.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant     | 25.648                 | ---                          | Pass    |
| NVNT      | a    | 5200            | Ant     | 26.313                 | ---                          | Pass    |
| NVNT      | a    | 5240            | Ant     | 28.566                 | ---                          | Pass    |
| NVNT      | n20  | 5180            | Ant     | 27.951                 | ---                          | Pass    |
| NVNT      | n20  | 5200            | Ant     | 28.573                 | ---                          | Pass    |
| NVNT      | n20  | 5240            | Ant     | 29.428                 | ---                          | Pass    |
| NVNT      | n40  | 5190            | Ant     | 44.027                 | ---                          | Pass    |
| NVNT      | n40  | 5230            | Ant     | 49.43                  | ---                          | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 28.445                 | ---                          | Pass    |
| NVNT      | ac20 | 5200            | Ant     | 28.754                 | ---                          | Pass    |
| NVNT      | ac20 | 5240            | Ant     | 26.725                 | ---                          | Pass    |
| NVNT      | ac40 | 5190            | Ant     | 42.451                 | ---                          | Pass    |
| NVNT      | ac40 | 5230            | Ant     | 47.88                  | ---                          | Pass    |
| NVNT      | ac80 | 5210            | Ant     | 82.671                 | ---                          | Pass    |



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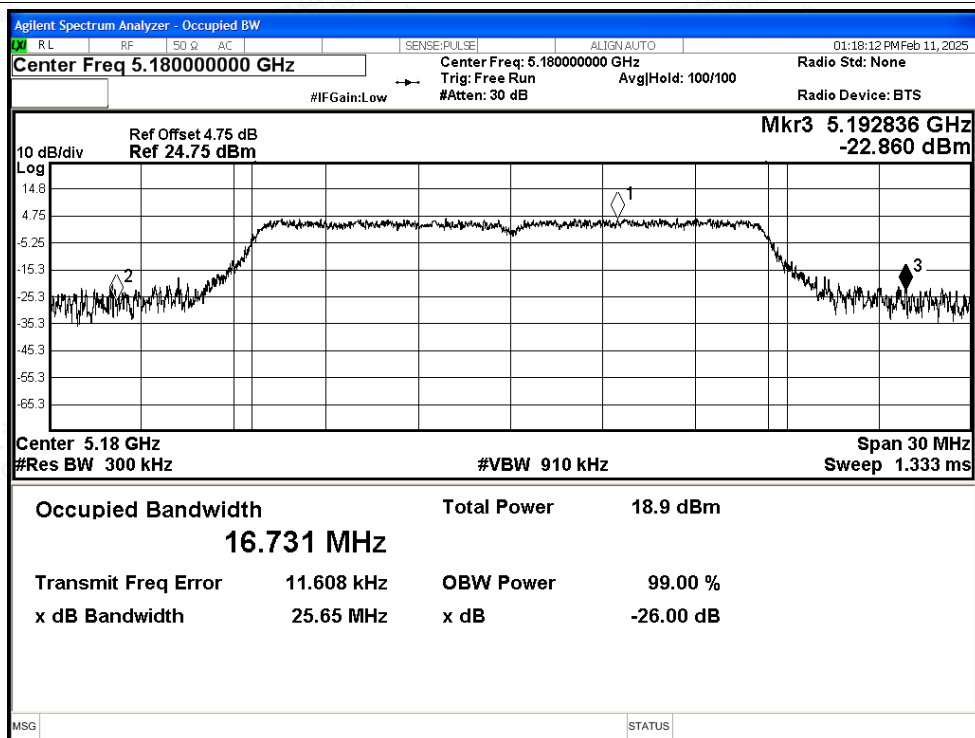
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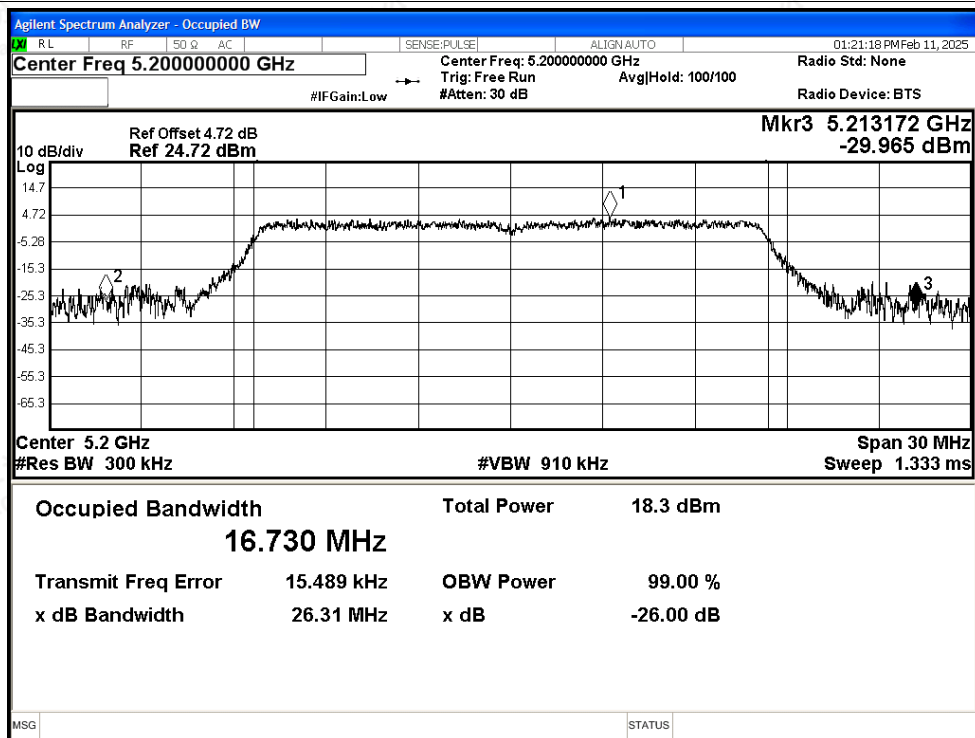


## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant



-26dB Bandwidth NVNT a 5200MHz Ant



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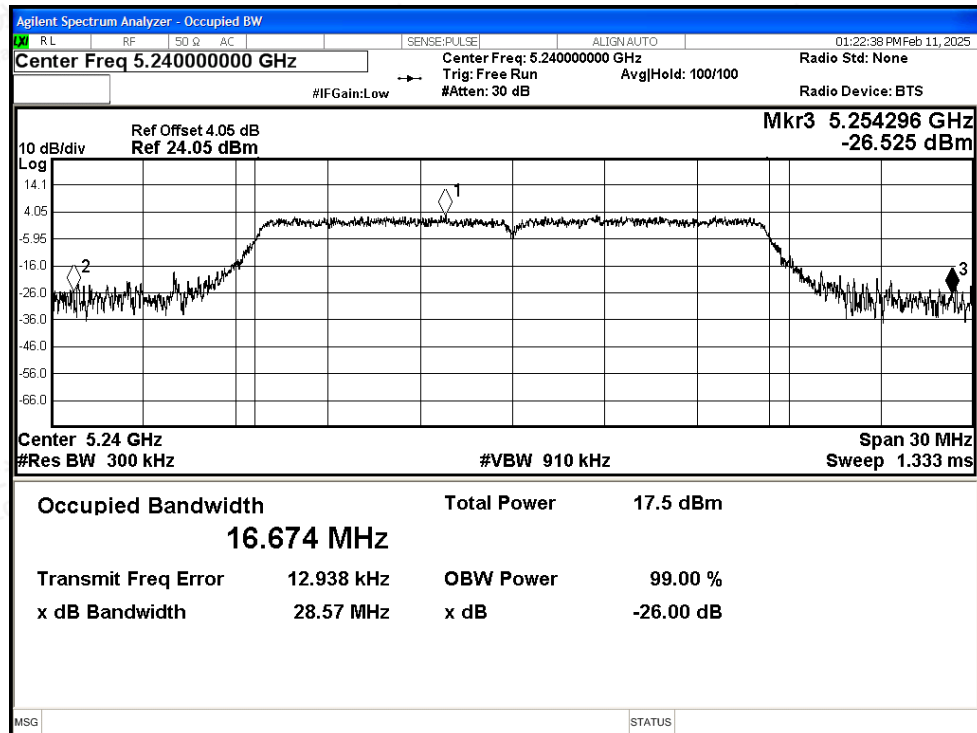
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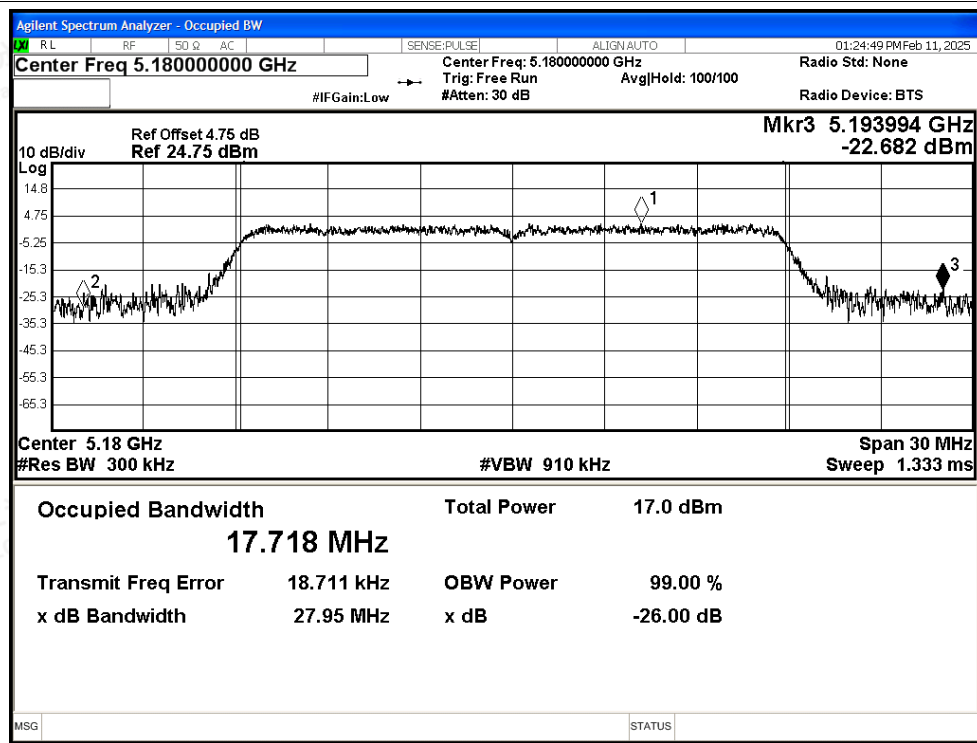
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## -26dB Bandwidth NVNT a 5240MHz Ant



## -26dB Bandwidth NVNT n20 5180MHz Ant



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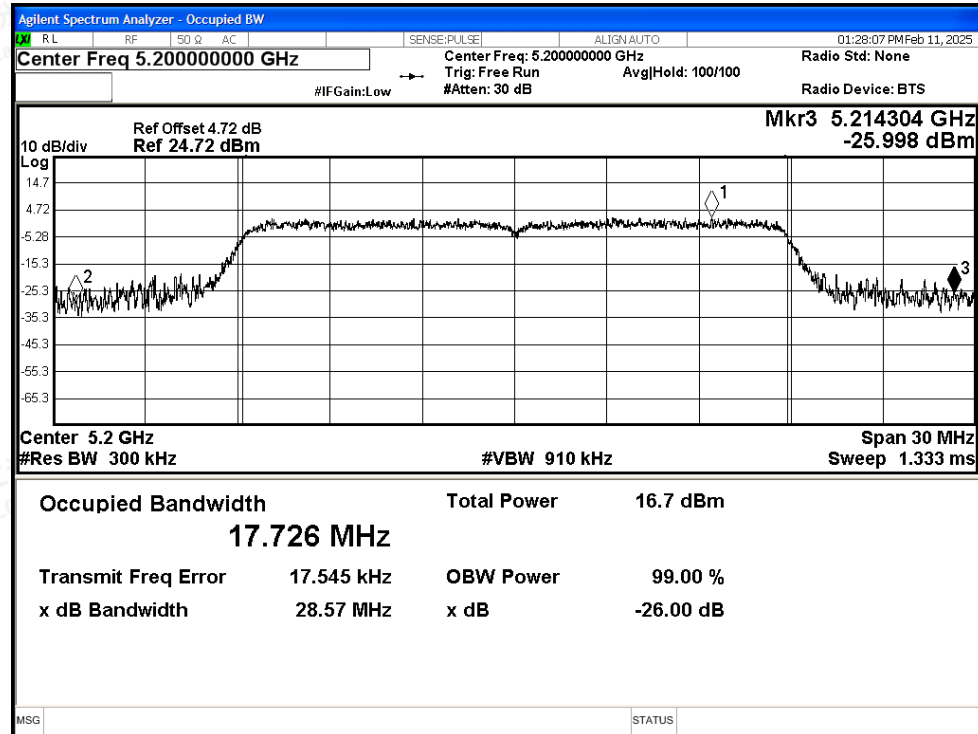
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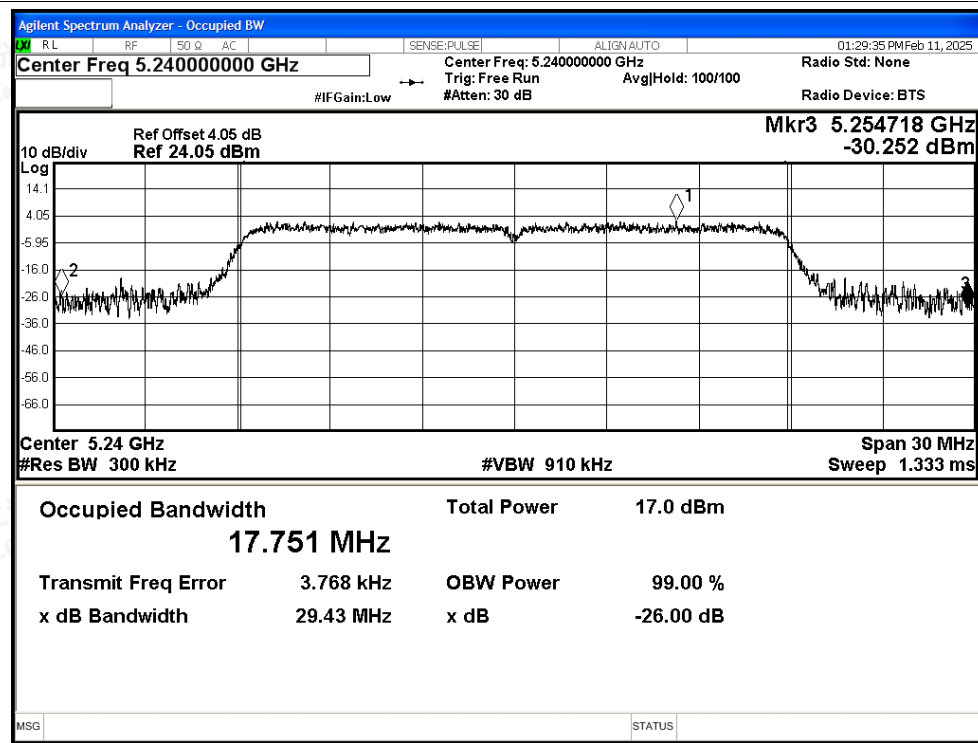
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## -26dB Bandwidth NVNT n20 5200MHz Ant



## -26dB Bandwidth NVNT n20 5240MHz Ant



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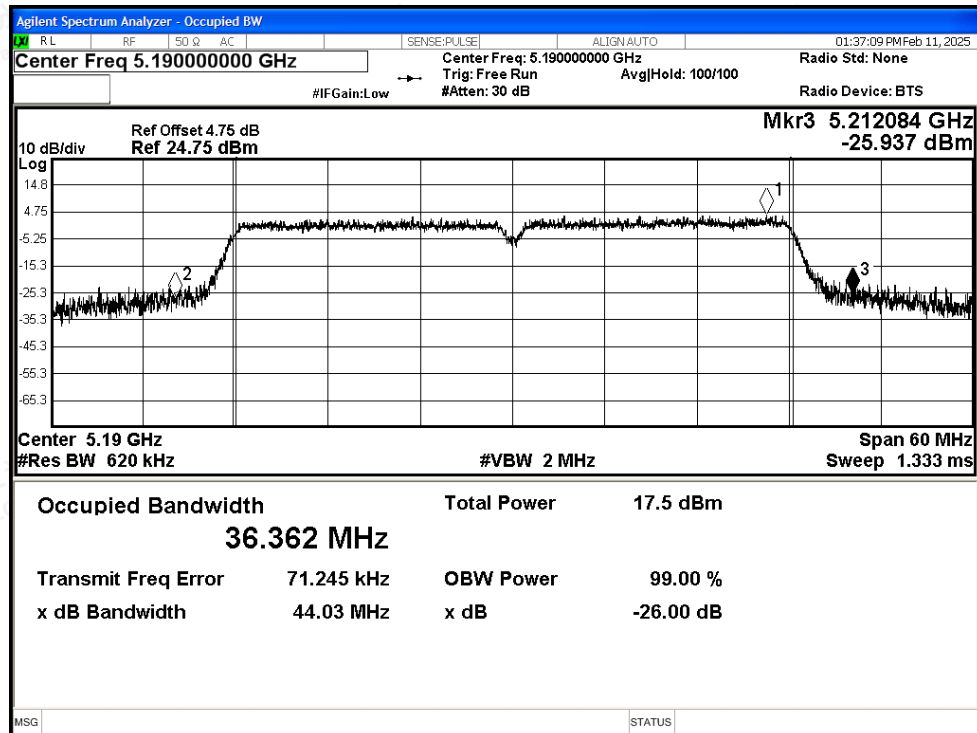
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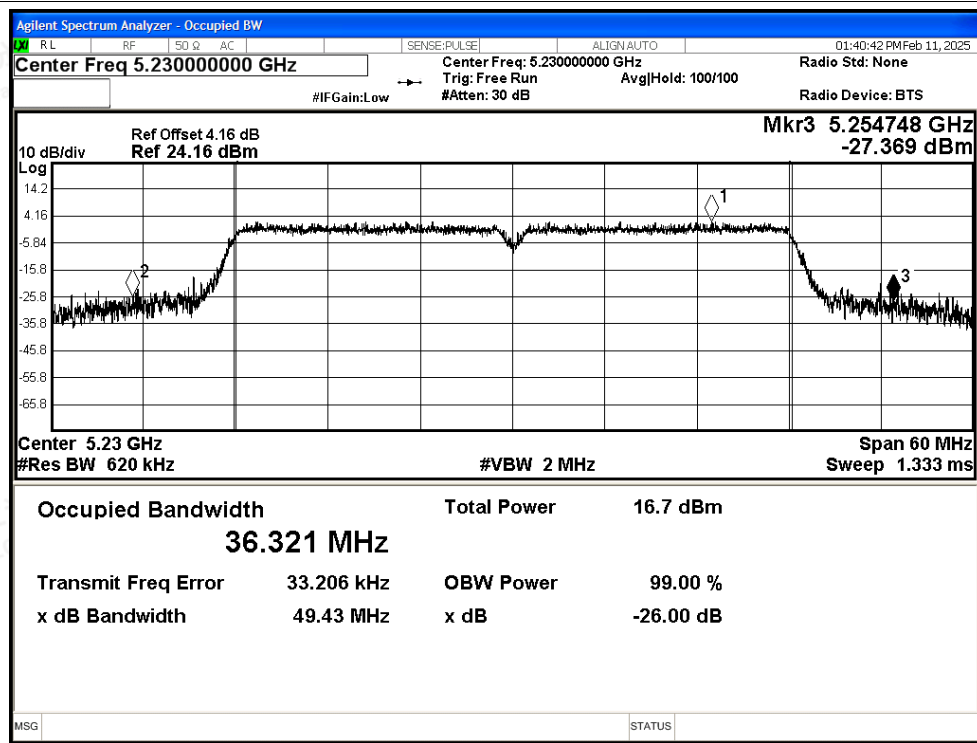
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-26dB Bandwidth NVNT n40 5190MHz Ant



-26dB Bandwidth NVNT n40 5230MHz Ant



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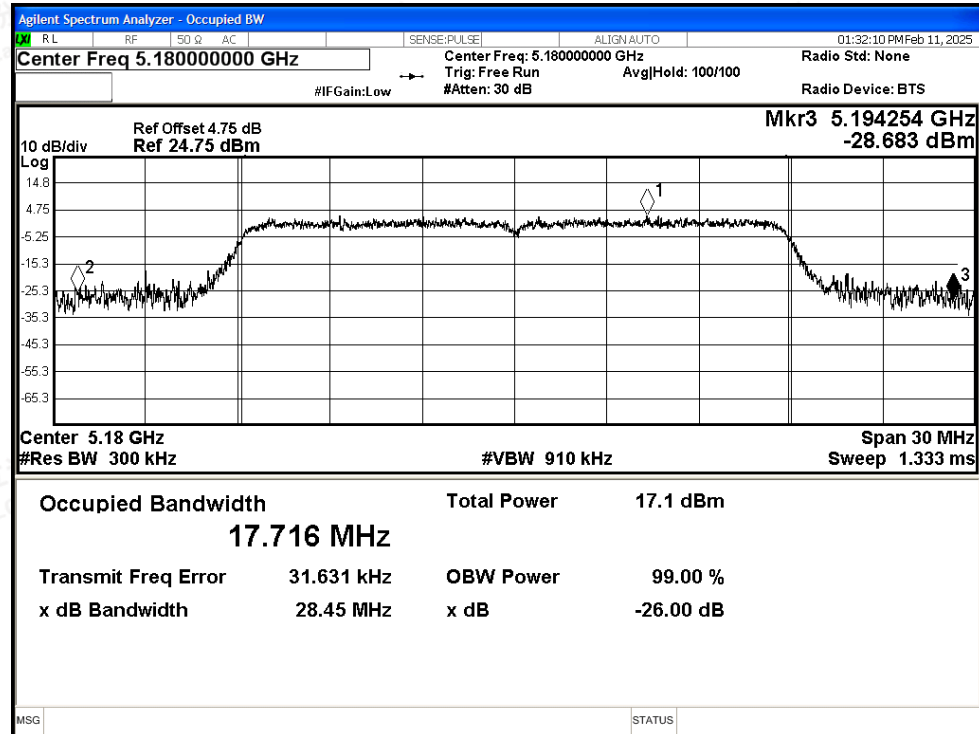
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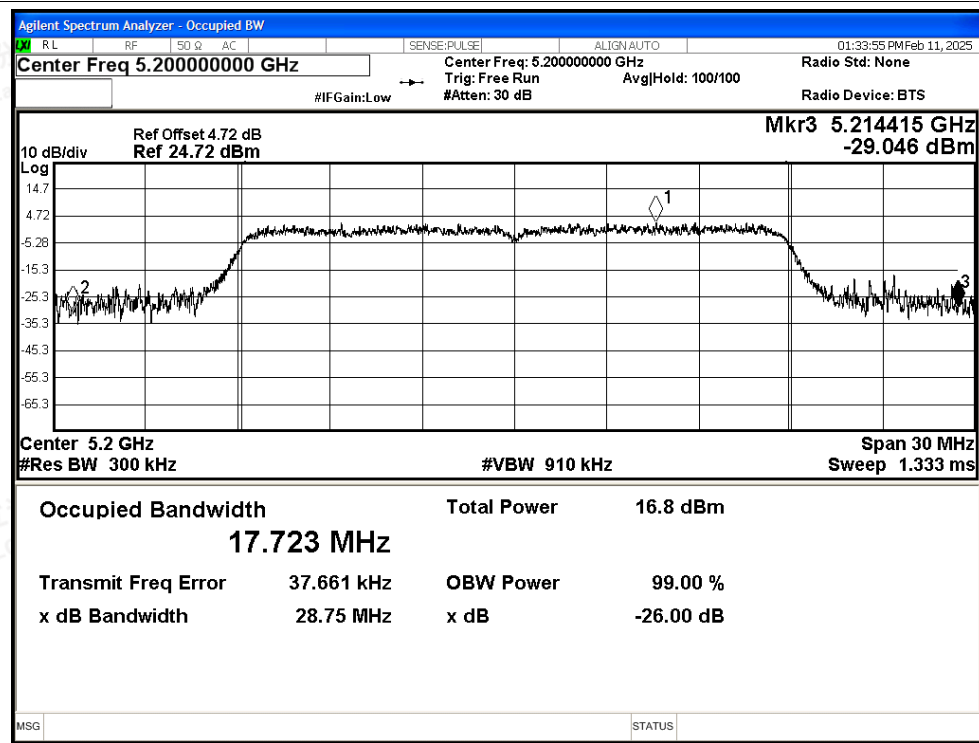
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## -26dB Bandwidth NVNT ac20 5180MHz Ant



## -26dB Bandwidth NVNT ac20 5200MHz Ant



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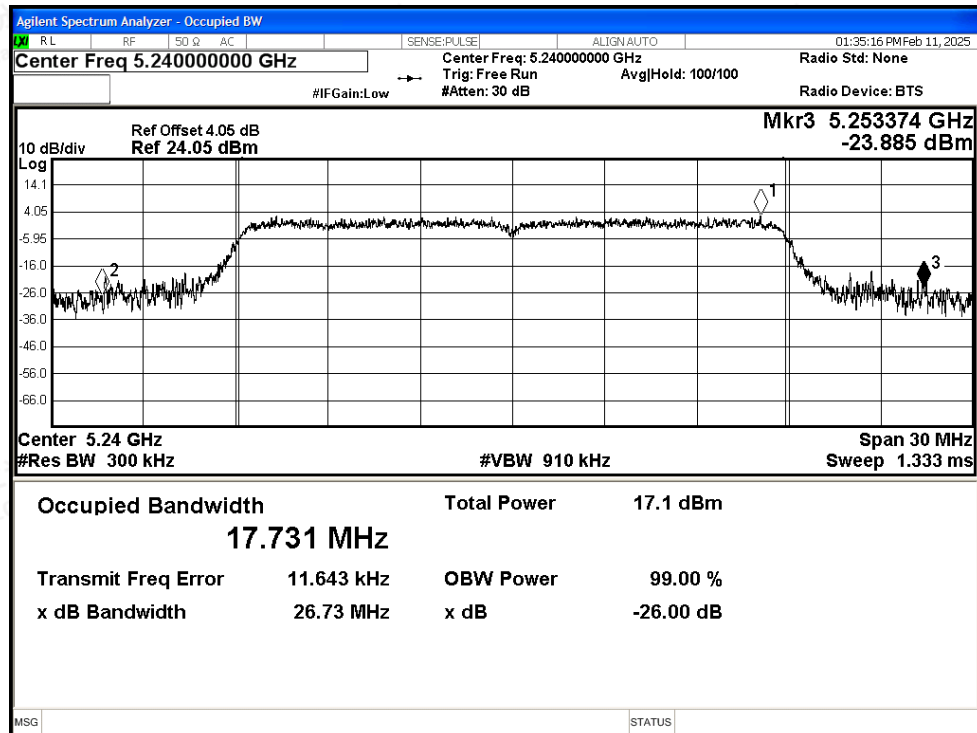
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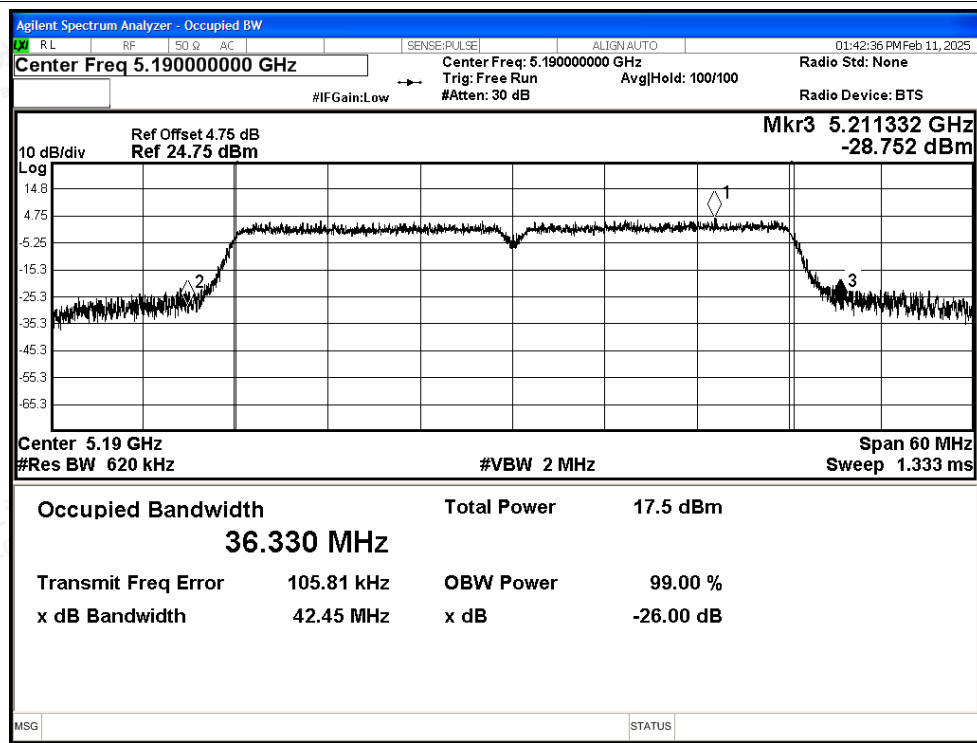
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## -26dB Bandwidth NVNT ac20 5240MHz Ant



## -26dB Bandwidth NVNT ac40 5190MHz Ant



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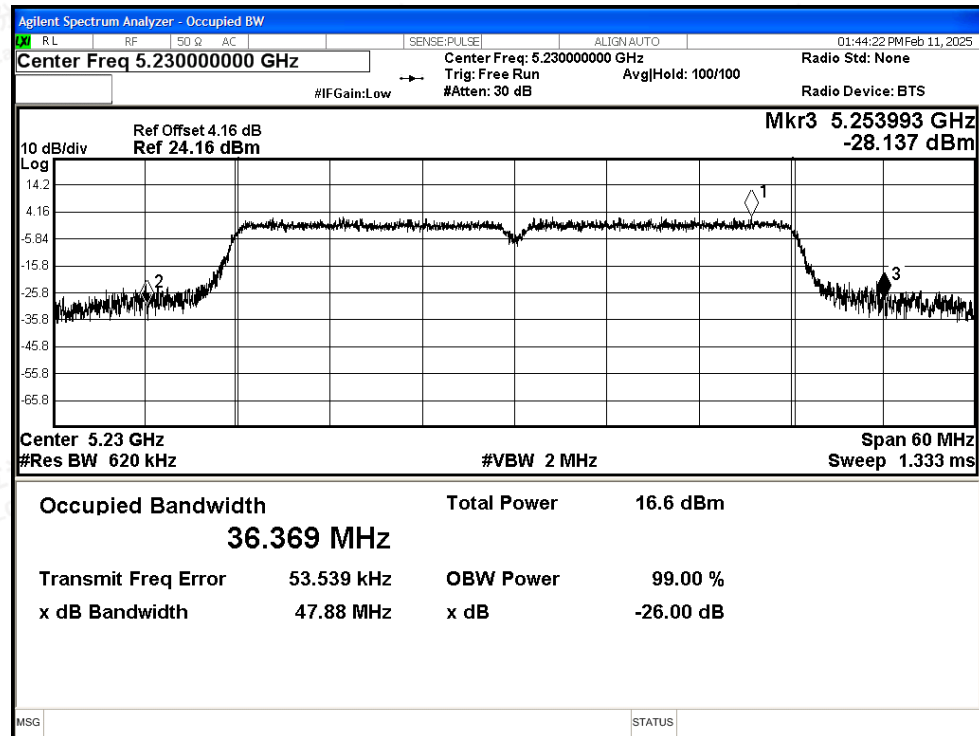
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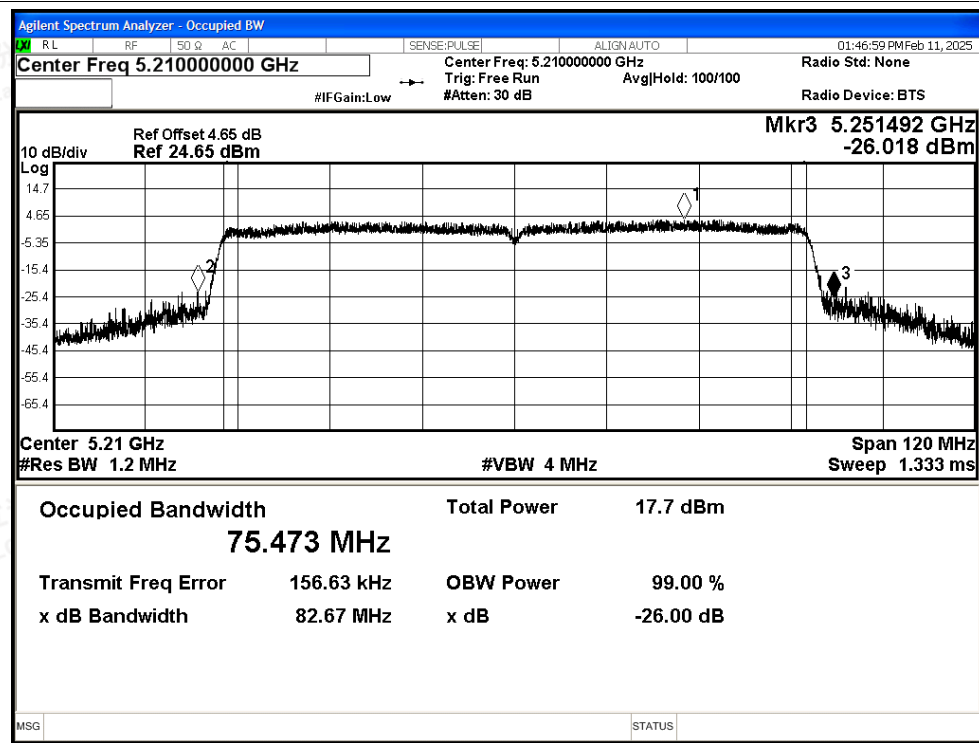
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## -26dB Bandwidth NVNT ac40 5230MHz Ant



## -26dB Bandwidth NVNT ac80 5210MHz Ant



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## B.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            | Ant     | 12.8                  | 0.24             | 13.04             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant     | 12.52                 | 0.24             | 12.76             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant     | 11.81                 | 0.24             | 12.05             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant     | 11.46                 | 0.12             | 11.58             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant     | 11.21                 | 0.12             | 11.33             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant     | 11.44                 | 0.12             | 11.56             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant     | 11.2                  | 0.24             | 11.44             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant     | 10.34                 | 0.24             | 10.58             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 11.62                 | 0.12             | 11.74             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant     | 11.29                 | 0.12             | 11.41             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant     | 11.61                 | 0.12             | 11.73             | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant     | 11.24                 | 0.23             | 11.47             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant     | 10.34                 | 0.23             | 10.57             | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant     | 10.46                 | 0.25             | 10.71             | 24          | Pass    |



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## B.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            | Ant     | 2.79                   | 0.24             | 3.03                | 11              | Pass    |
| NVNT      | a    | 5200            | Ant     | 2.3                    | 0.24             | 2.54                | 11              | Pass    |
| NVNT      | a    | 5240            | Ant     | 1.34                   | 0.24             | 1.58                | 11              | Pass    |
| NVNT      | n20  | 5180            | Ant     | 0.66                   | 0.12             | 0.78                | 11              | Pass    |
| NVNT      | n20  | 5200            | Ant     | 0.46                   | 0.12             | 0.58                | 11              | Pass    |
| NVNT      | n20  | 5240            | Ant     | 1.01                   | 0.12             | 1.13                | 11              | Pass    |
| NVNT      | n40  | 5190            | Ant     | -1.91                  | 0.24             | -1.67               | 11              | Pass    |
| NVNT      | n40  | 5230            | Ant     | -3.46                  | 0.24             | -3.22               | 11              | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 0.82                   | 0.12             | 0.94                | 11              | Pass    |
| NVNT      | ac20 | 5200            | Ant     | 0.46                   | 0.12             | 0.58                | 11              | Pass    |
| NVNT      | ac20 | 5240            | Ant     | 0.74                   | 0.12             | 0.86                | 11              | Pass    |
| NVNT      | ac40 | 5190            | Ant     | -2.46                  | 0.23             | -2.23               | 11              | Pass    |
| NVNT      | ac40 | 5230            | Ant     | -3.7                   | 0.23             | -3.47               | 11              | Pass    |
| NVNT      | ac80 | 5210            | Ant     | -5.78                  | 0.25             | -5.53               | 11              | Pass    |



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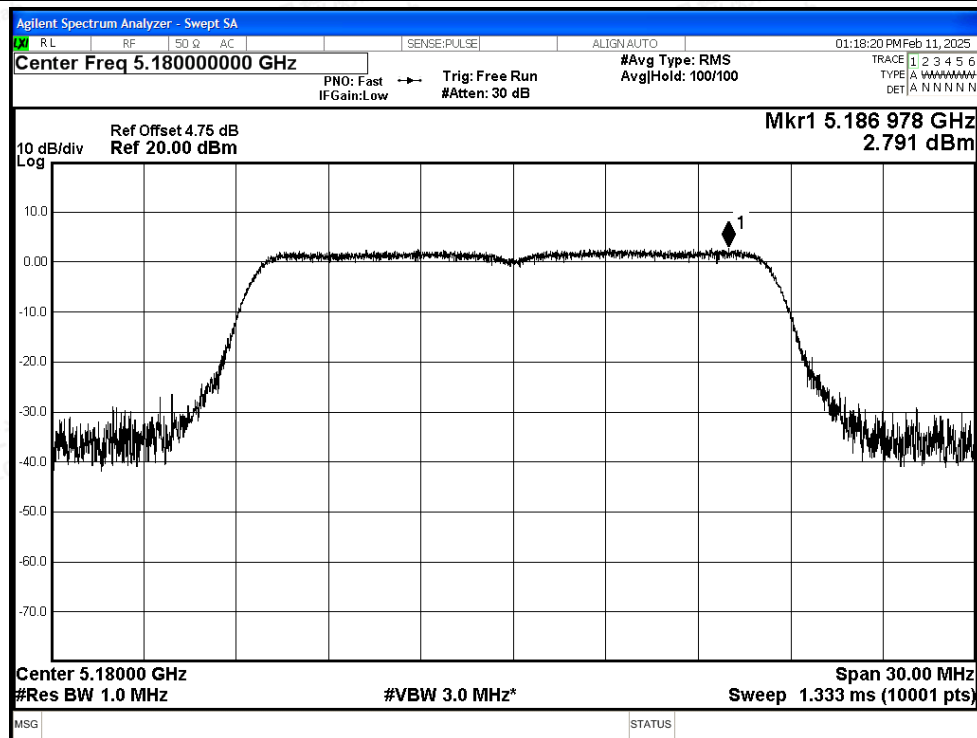
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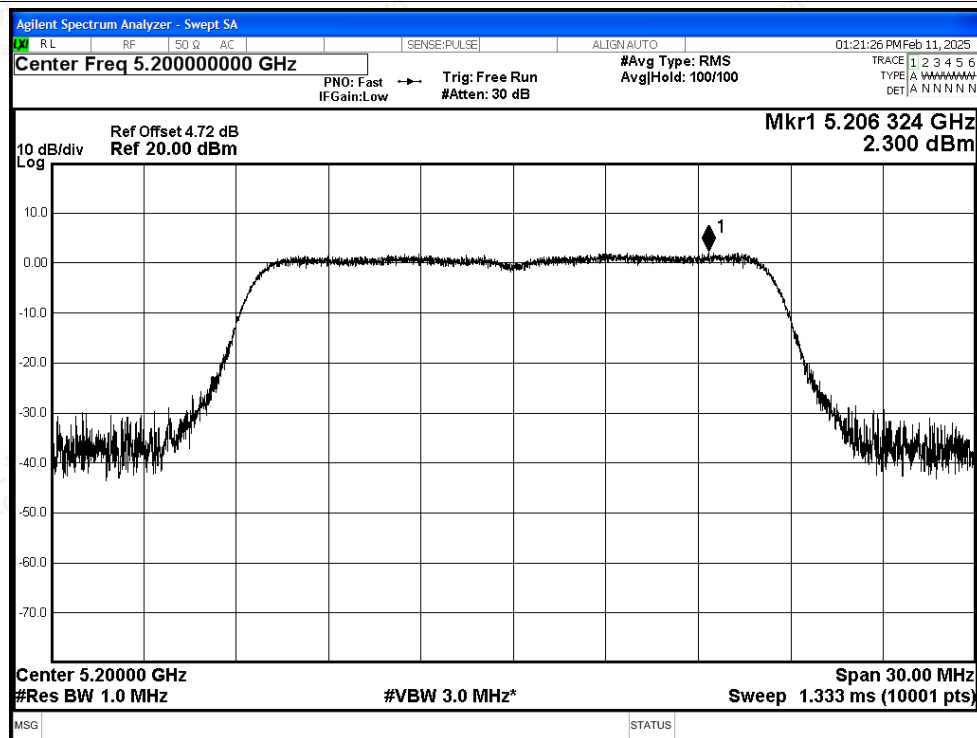


## Test Graphs

## PSD NVNT a 5180MHz Ant



## PSD NVNT a 5200MHz Ant



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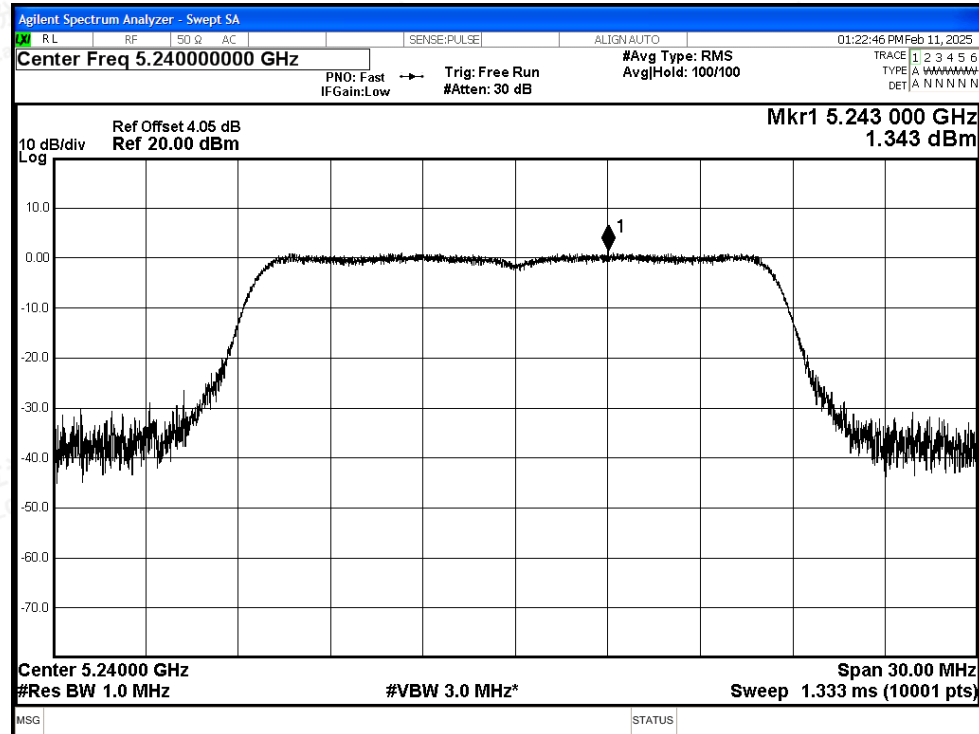
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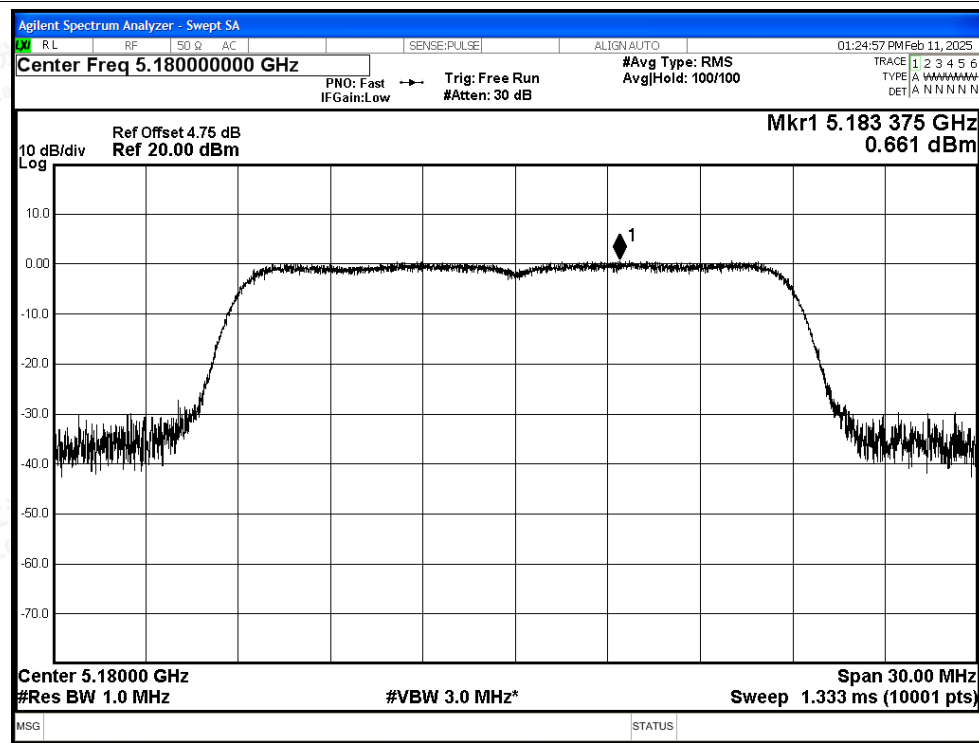
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## PSD NVNT a 5240MHz Ant



## PSD NVNT n20 5180MHz Ant



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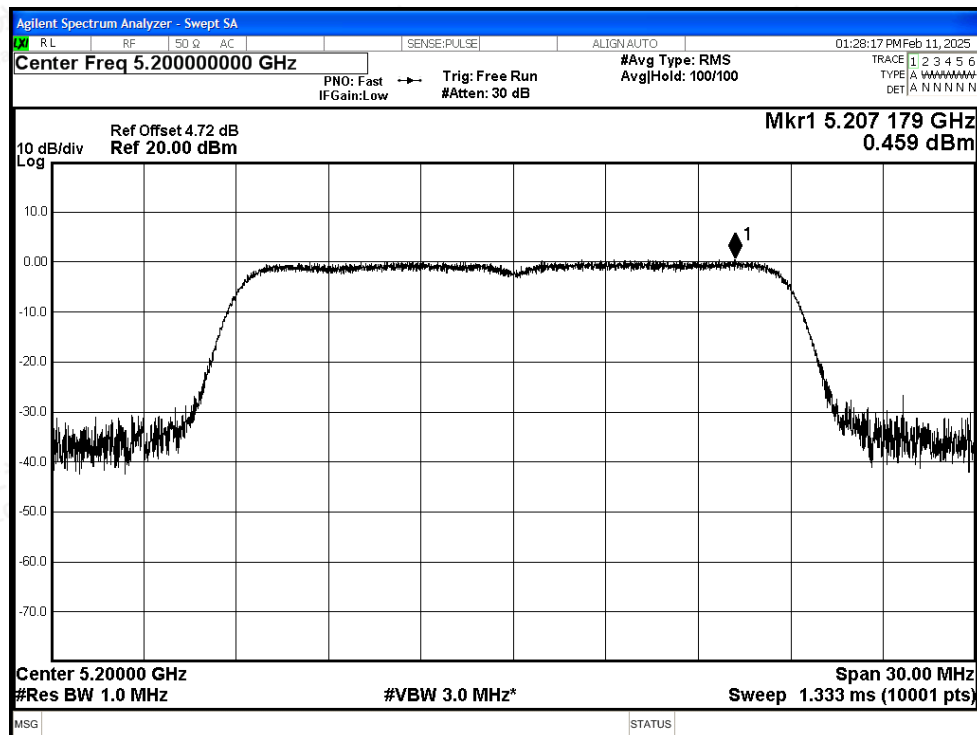
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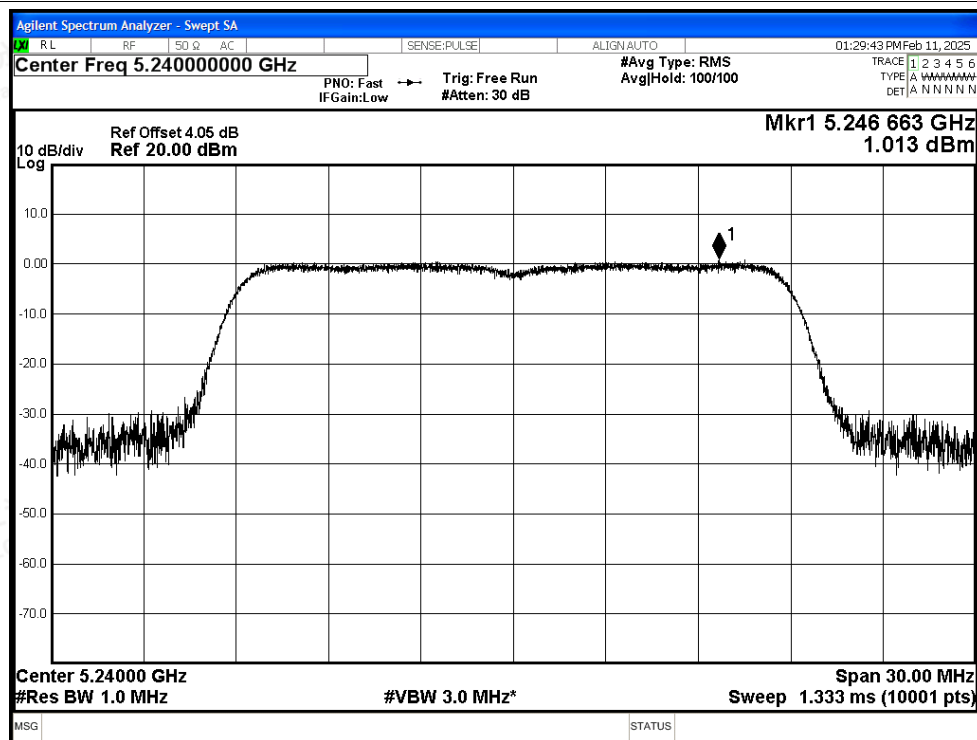
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## PSD NVNT n20 5200MHz Ant



## PSD NVNT n20 5240MHz Ant



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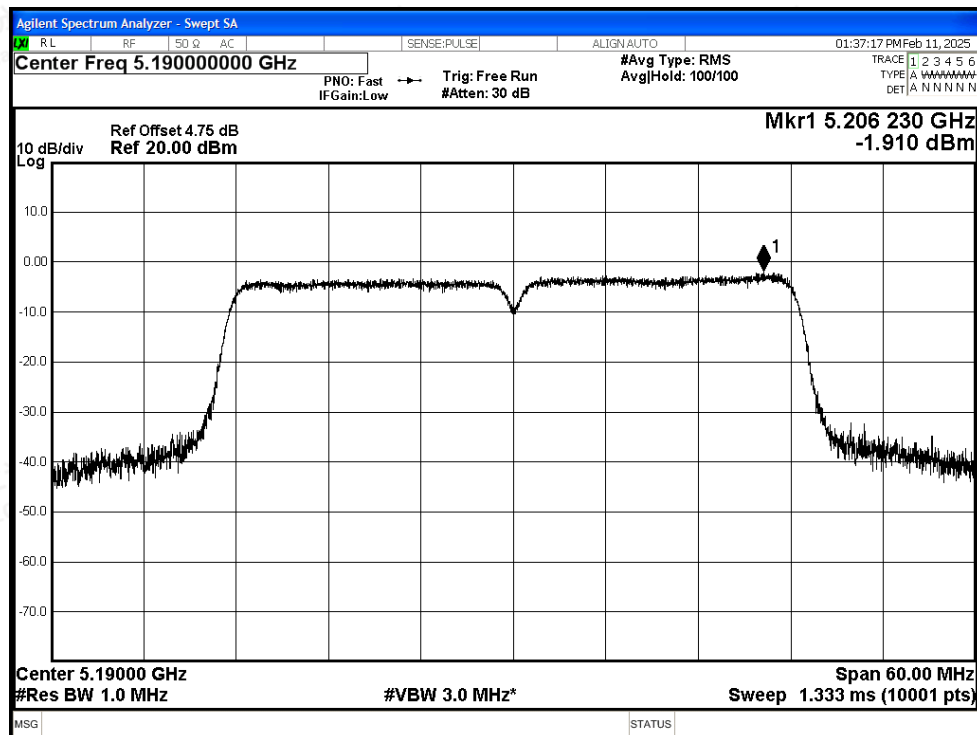
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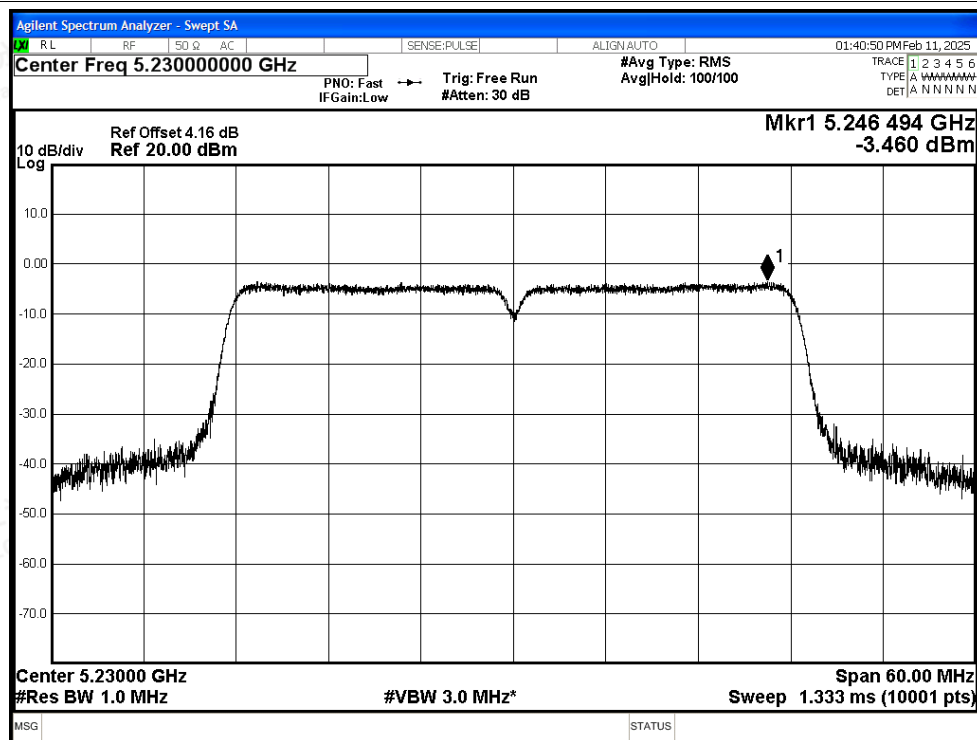
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## PSD NVNT n40 5190MHz Ant



## PSD NVNT n40 5230MHz Ant



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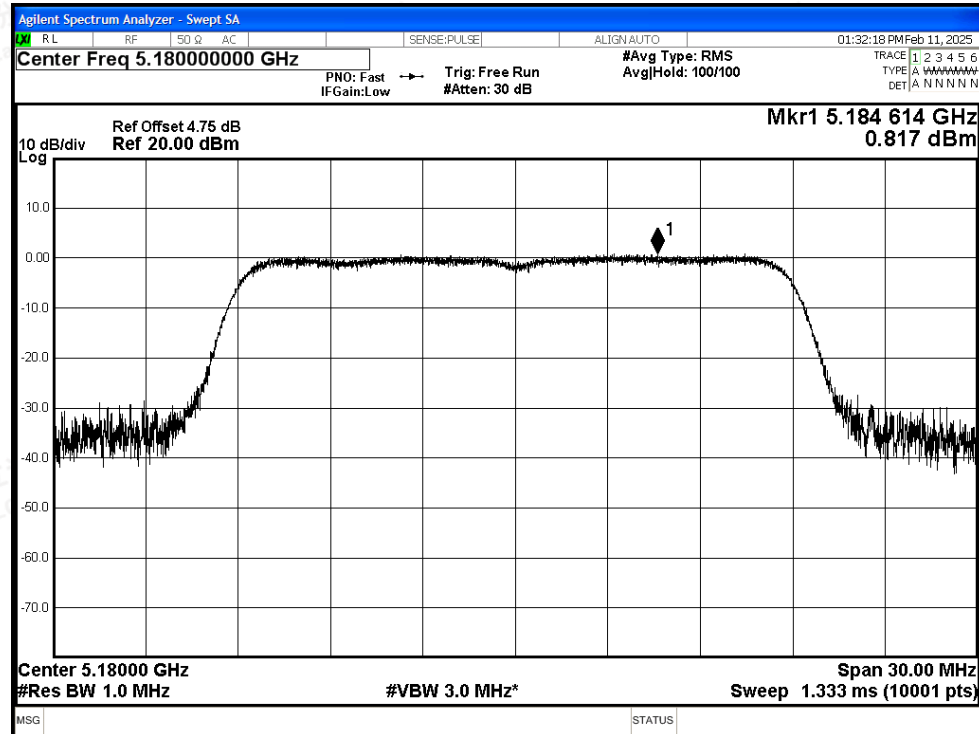
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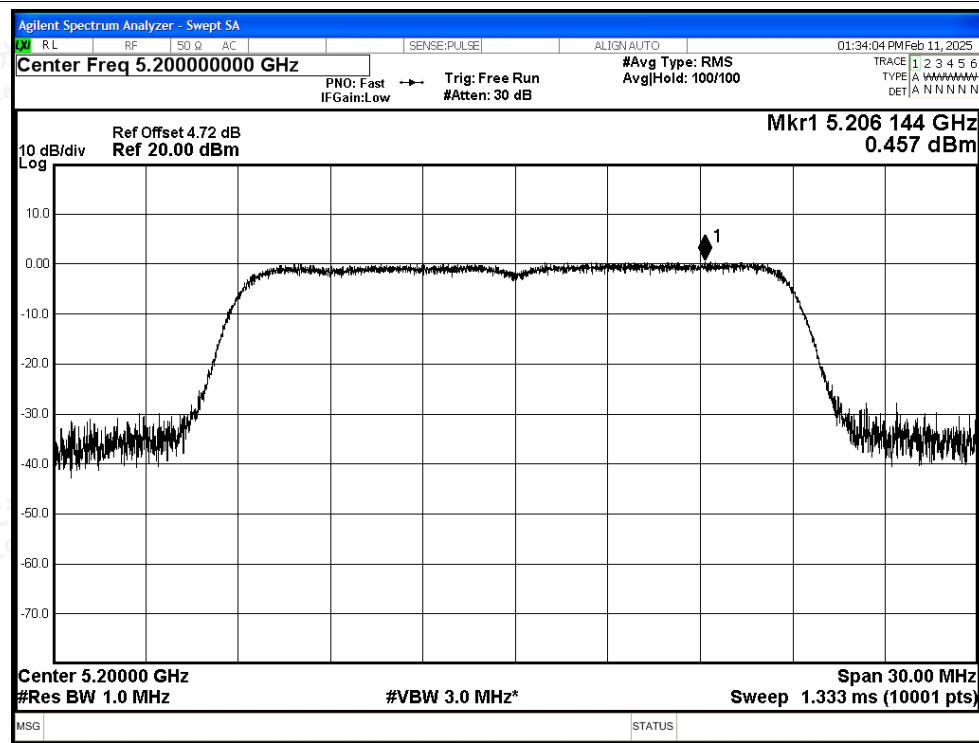
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## PSD NVNT ac20 5180MHz Ant



## PSD NVNT ac20 5200MHz Ant



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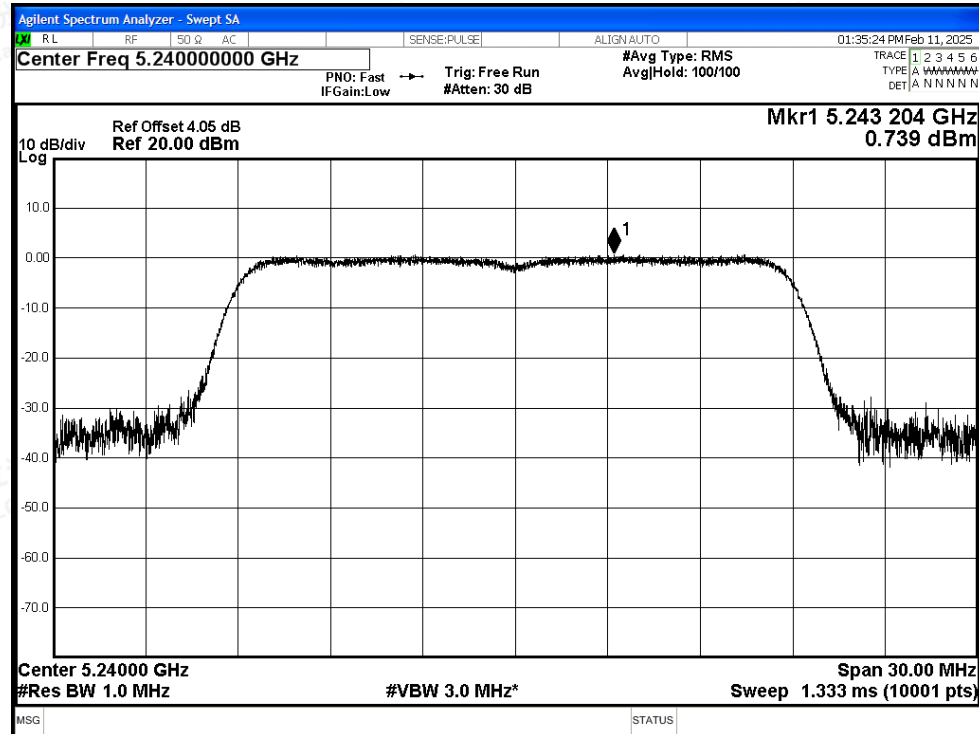
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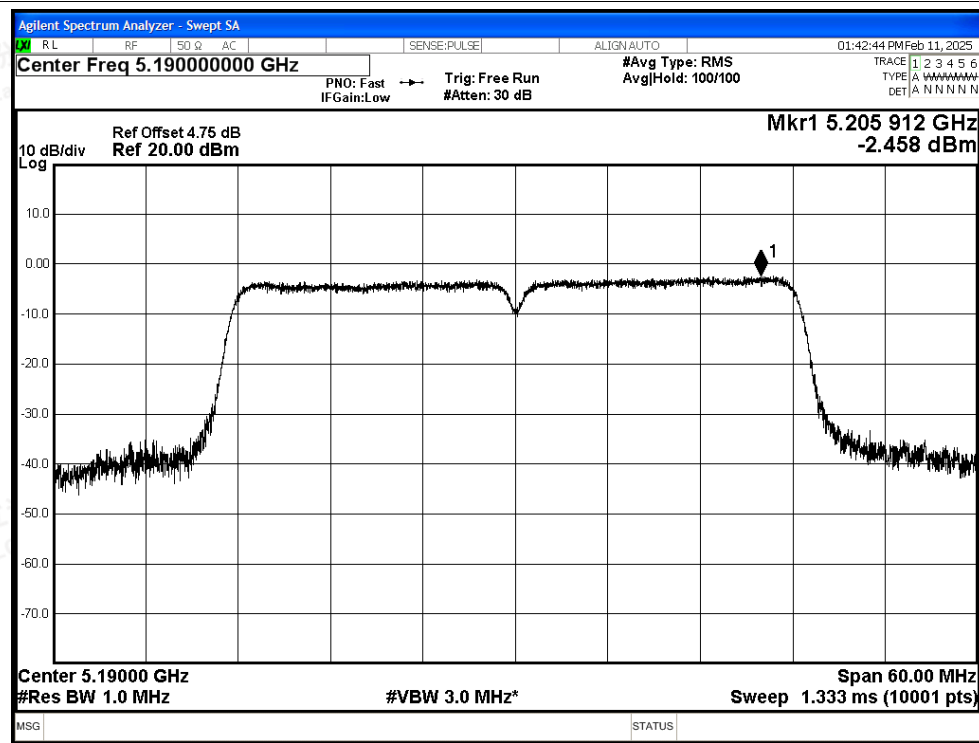
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## PSD NVNT ac20 5240MHz Ant



## PSD NVNT ac40 5190MHz Ant



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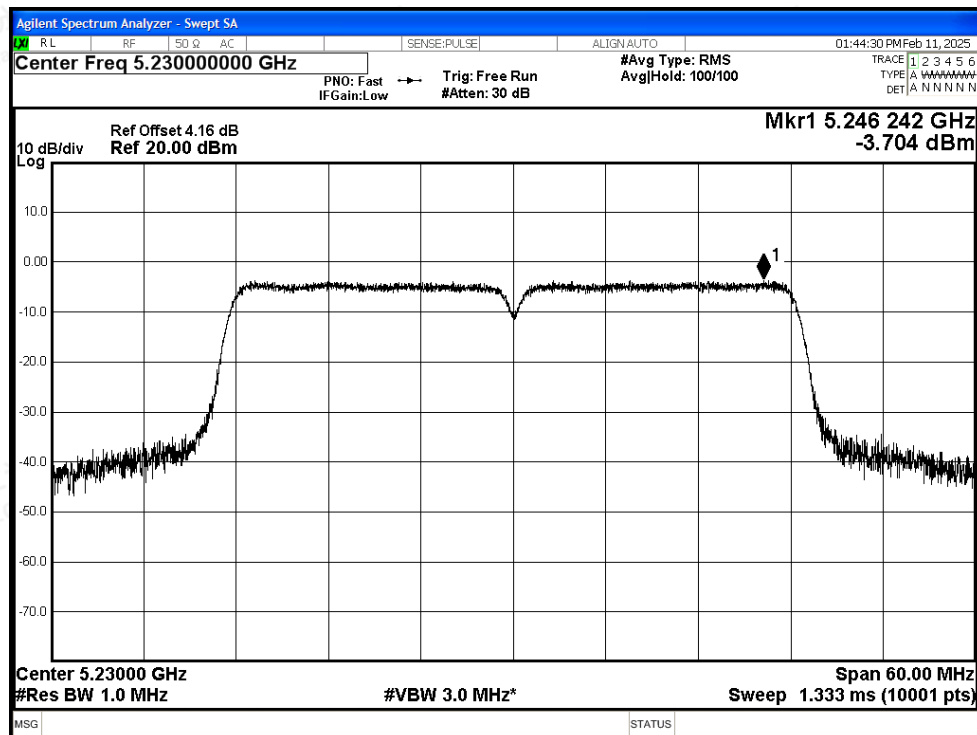
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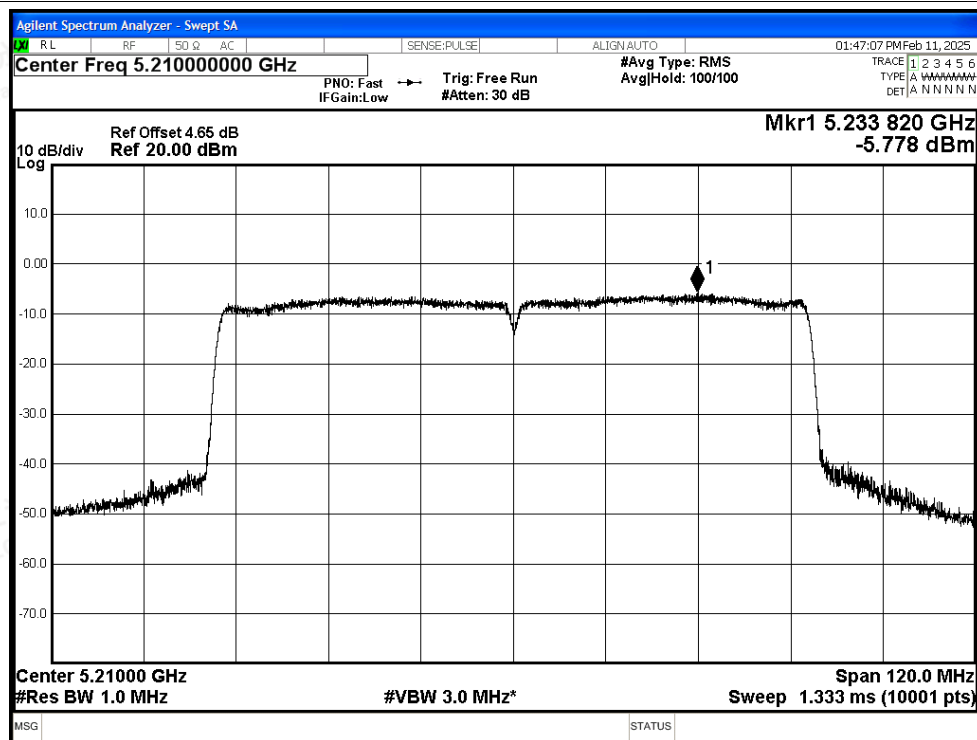
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## PSD NVNT ac40 5230MHz Ant



## PSD NVNT ac80 5210MHz Ant



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## B.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | a    | 5180            | Ant     | 4500            | -49.44      | 2          | -                | 47.79      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant     | 4500            | -57.12      | 2          | 0.24             | 40.35      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant     | 5093.6          | -44.48      | 2          | -                | 52.75      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant     | 5148.2          | -54.17      | 2          | 0.24             | 43.3       | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant     | 5150            | -45.55      | 2          | -                | 51.68      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant     | 5150            | -54.52      | 2          | 0.24             | 42.95      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant     | 5350            | -49.45      | 2          | -                | 47.78      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant     | 5350            | -57         | 2          | 0.24             | 40.47      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant     | 5448.96         | -46.08      | 2          | -                | 51.15      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant     | 5420.16         | -56.24      | 2          | 0.24             | 41.23      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant     | 5460            | -49.74      | 2          | -                | 47.49      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant     | 5460            | -57.05      | 2          | 0.24             | 40.42      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant     | 4500            | -49.94      | 2          | -                | 47.29      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant     | 4500            | -56.88      | 2          | 0.12             | 40.47      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant     | 5149.6          | -41.33      | 2          | -                | 55.9       | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant     | 5148.2          | -54.07      | 2          | 0.12             | 43.28      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant     | 5150            | -43.64      | 2          | -                | 53.59      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant     | 5150            | -53.76      | 2          | 0.12             | 43.59      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5350            | -48.4       | 2          | -                | 48.83      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5350            | -56.98      | 2          | 0.12             | 40.37      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5443.68         | -46         | 2          | -                | 51.23      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5440.08         | -56.17      | 2          | 0.12             | 41.18      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5460            | -49.66      | 2          | -                | 47.57      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant     | 5460            | -57.86      | 2          | 0.12             | 39.49      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant     | 4500            | -48.84      | 2          | -                | 48.39      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant     | 4500            | -57.15      | 2          | 0.24             | 40.32      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant     | 5149.7          | -38.4       | 2          | -                | 58.83      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant     | 5149.7          | -53.22      | 2          | 0.24             | 44.25      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant     | 5150            | -38.4       | 2          | -                | 58.83      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant     | 5150            | -53.22      | 2          | 0.24             | 44.25      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5350            | -49.42      | 2          | -                | 47.81      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5350            | -57.19      | 2          | 0.24             | 40.28      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5438.13         | -45.3       | 2          | -                | 51.93      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5409.24         | -56.13      | 2          | 0.24             | 41.34      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5460            | -50.21      | 2          | -                | 47.02      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant     | 5460            | -57.56      | 2          | 0.24             | 39.91      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 4500            | -48.65      | 2          | -                | 48.58      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 4500            | -57.17      | 2          | 0.12             | 40.18      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant     | 5149.6          | -40.91      | 2          | -                | 56.32      | Peak     | 68.2           | Pass    |



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|      |      |      |     |         |        |   |      |       |         |      |      |
|------|------|------|-----|---------|--------|---|------|-------|---------|------|------|
| NVNT | ac20 | 5180 | Ant | 5149.6  | -53.76 | 2 | 0.12 | 43.59 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant | 5150    | -40.23 | 2 | -    | 57    | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant | 5150    | -54.54 | 2 | 0.12 | 42.81 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant | 5350    | -48.68 | 2 | -    | 48.55 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant | 5350    | -56.77 | 2 | 0.12 | 40.58 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant | 5415.12 | -45.96 | 2 | -    | 51.27 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant | 5424.48 | -56.25 | 2 | 0.12 | 41.1  | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant | 5460    | -50.57 | 2 | -    | 46.66 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant | 5460    | -57.37 | 2 | 0.12 | 39.98 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant | 4500    | -49.03 | 2 | -    | 48.2  | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant | 4500    | -57.24 | 2 | 0.23 | 40.22 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant | 5148.97 | -38.92 | 2 | -    | 58.31 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant | 5149.7  | -53.79 | 2 | 0.23 | 43.67 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant | 5150    | -40.17 | 2 | -    | 57.06 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant | 5150    | -53.79 | 2 | 0.23 | 43.67 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant | 5350    | -48.43 | 2 | -    | 48.8  | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant | 5350    | -56.84 | 2 | 0.23 | 40.62 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant | 5387.1  | -46.59 | 2 | -    | 50.64 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant | 5407.62 | -55.89 | 2 | 0.23 | 41.57 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant | 5460    | -49.29 | 2 | -    | 47.94 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant | 5460    | -57.1  | 2 | 0.23 | 40.36 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 5350    | -46.09 | 2 | -    | 51.14 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 5350    | -55.48 | 2 | 0.25 | 42    | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 5371.89 | -45.51 | 2 | -    | 51.72 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 5350.11 | -55.48 | 2 | 0.25 | 42    | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 5460    | -50.04 | 2 | -    | 47.19 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 5460    | -56.56 | 2 | 0.25 | 40.92 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 4500    | -49.49 | 2 | -    | 47.74 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 4500    | -57.41 | 2 | 0.25 | 40.07 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 5148.59 | -42.3  | 2 | -    | 54.93 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 5149.38 | -52.88 | 2 | 0.25 | 44.6  | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant | 5150    | -39.97 | 2 | -    | 57.26 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant | 5150    | -52.87 | 2 | 0.25 | 44.61 | Average | 54   | Pass |



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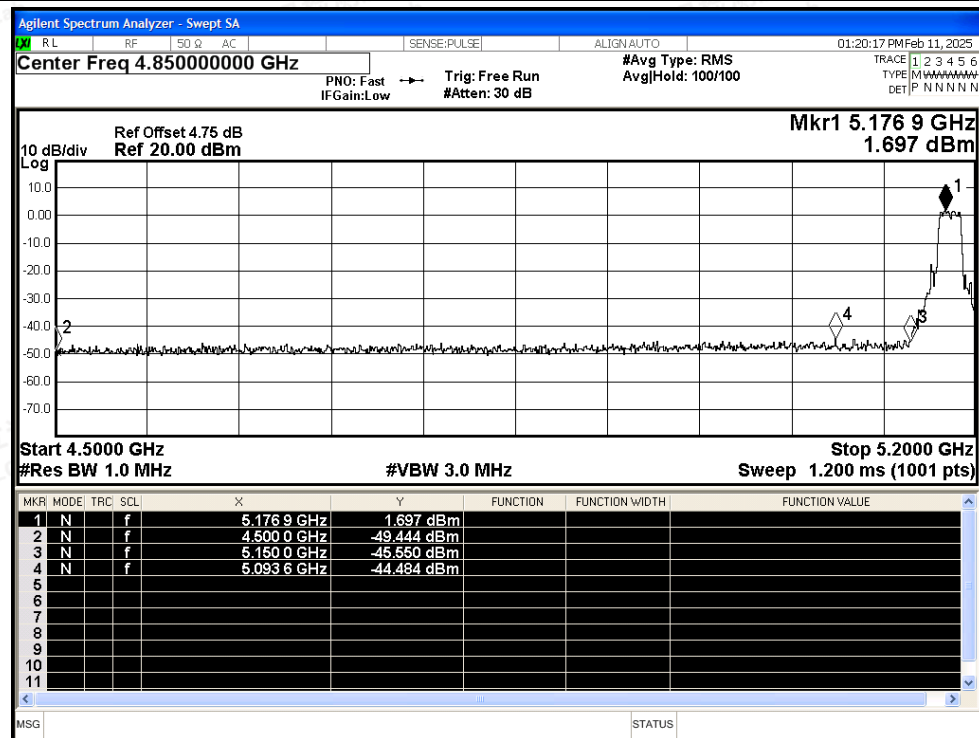
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

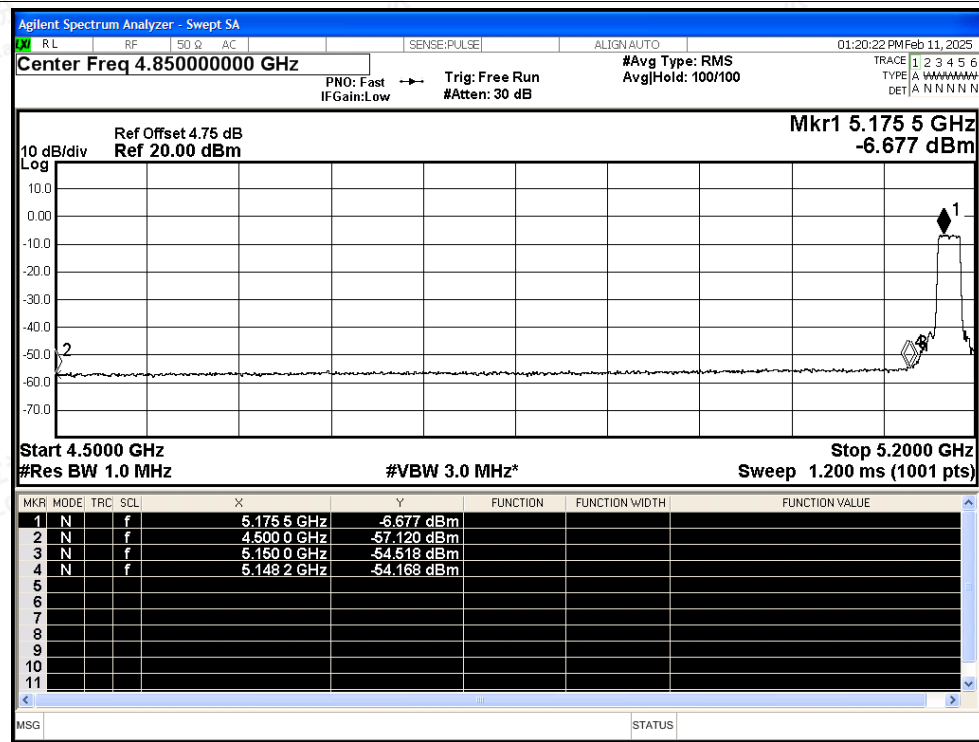


## Test Graphs

## Restrict Band NVNT a 5180MHz Ant Peak



## Restrict Band NVNT a 5180MHz Ant Average



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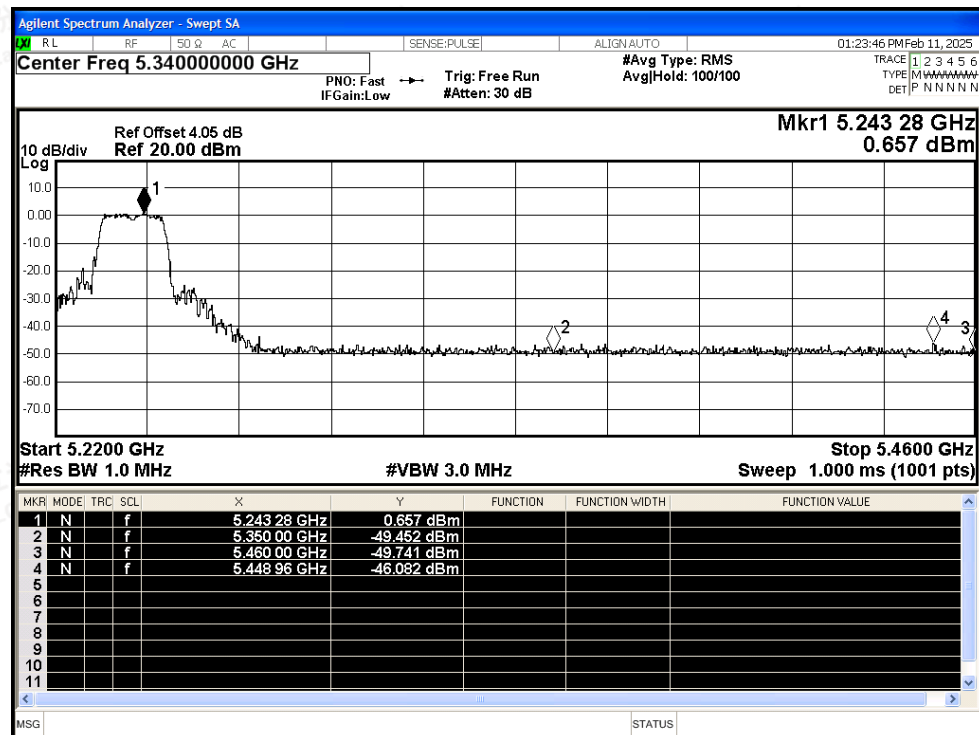
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

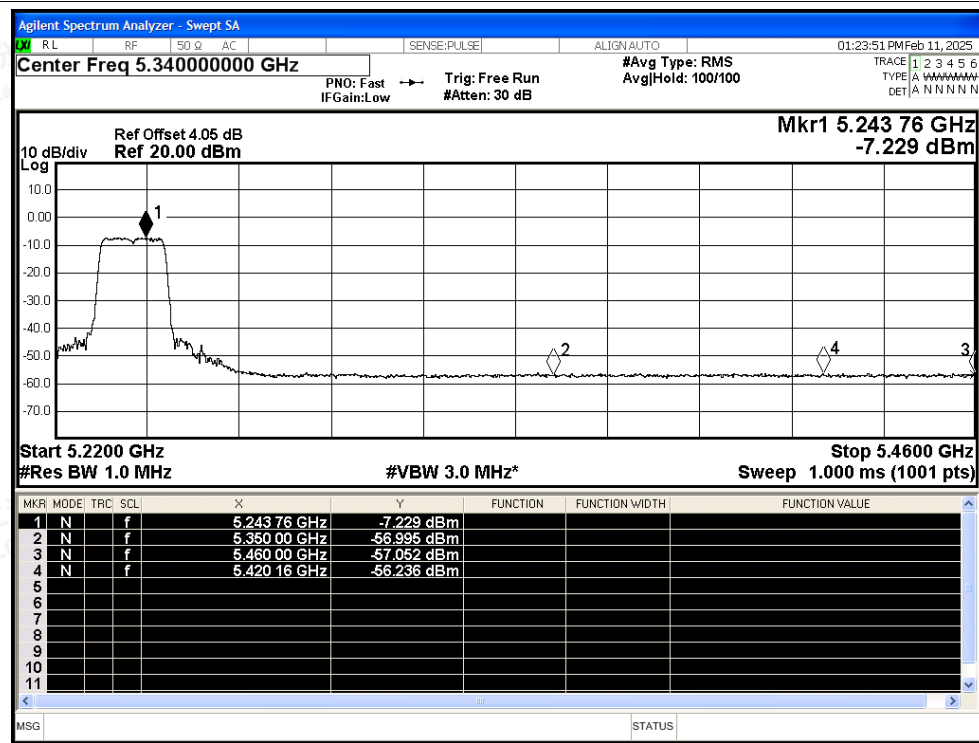
Scan code to check authenticity



## Restrict Band NVNT a 5240MHz Ant Peak



## Restrict Band NVNT a 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

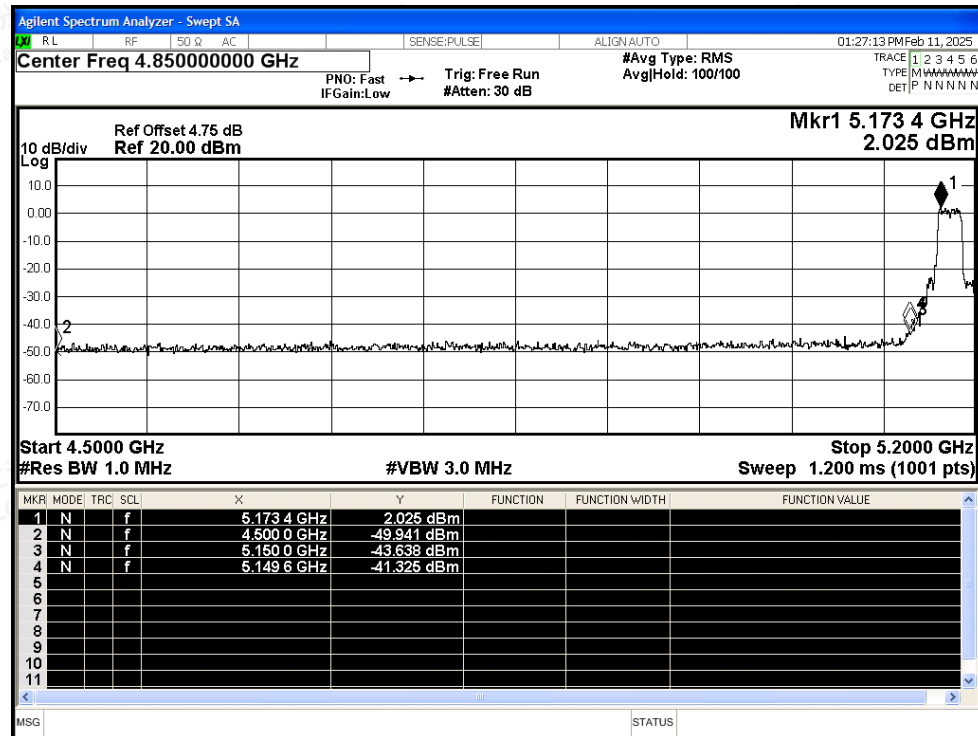
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

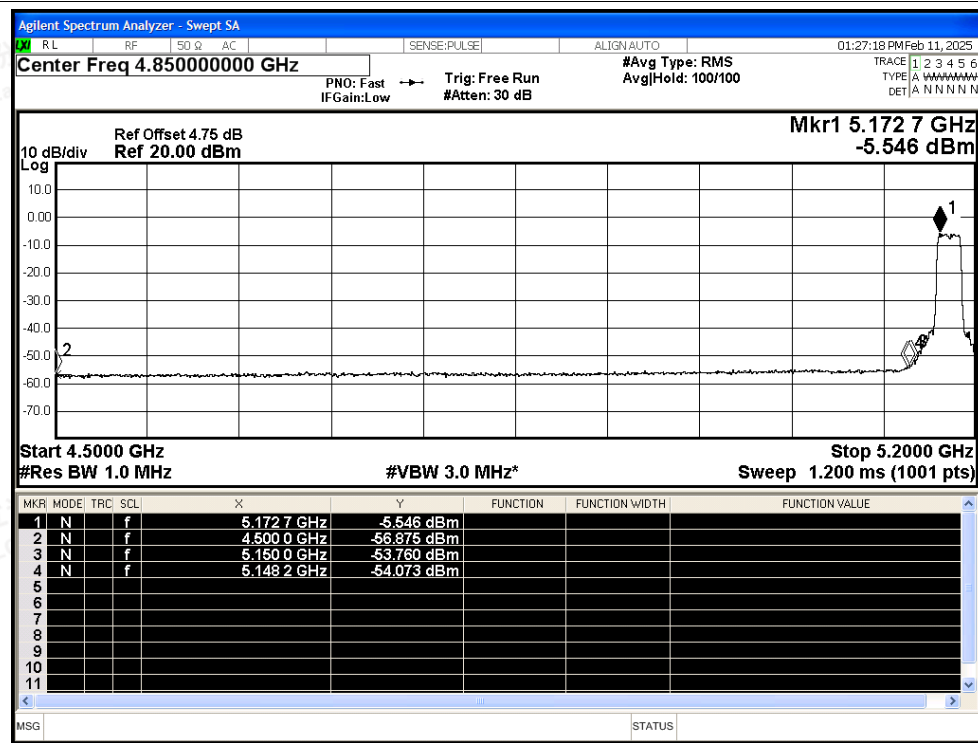
Scan code to check authenticity



## Restrict Band NVNT n20 5180MHz Ant Peak



## Restrict Band NVNT n20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

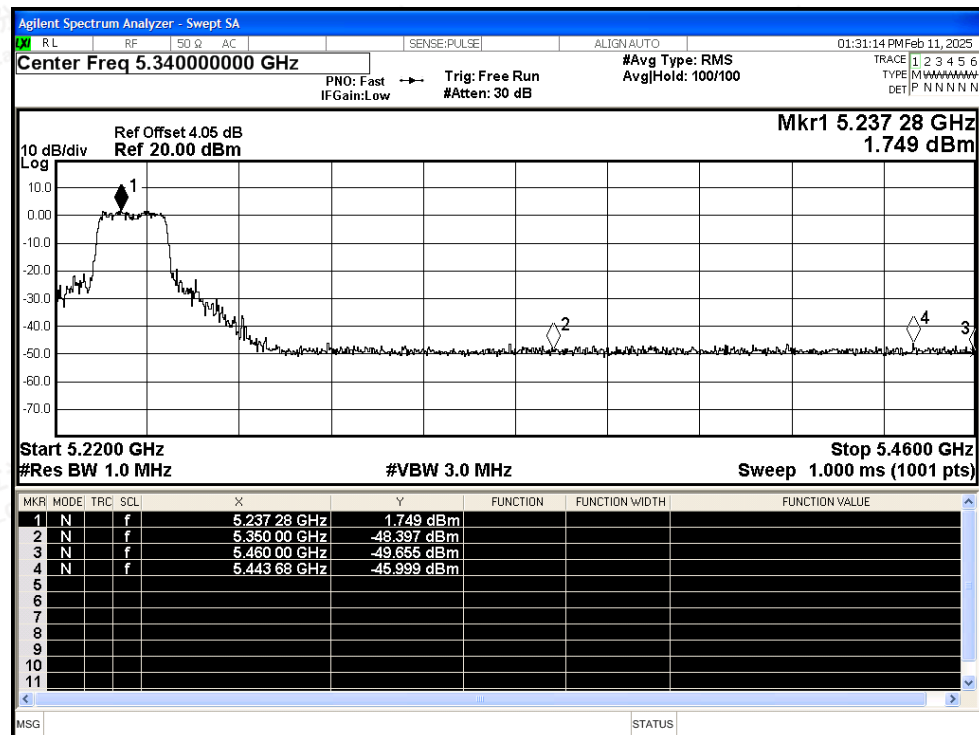
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

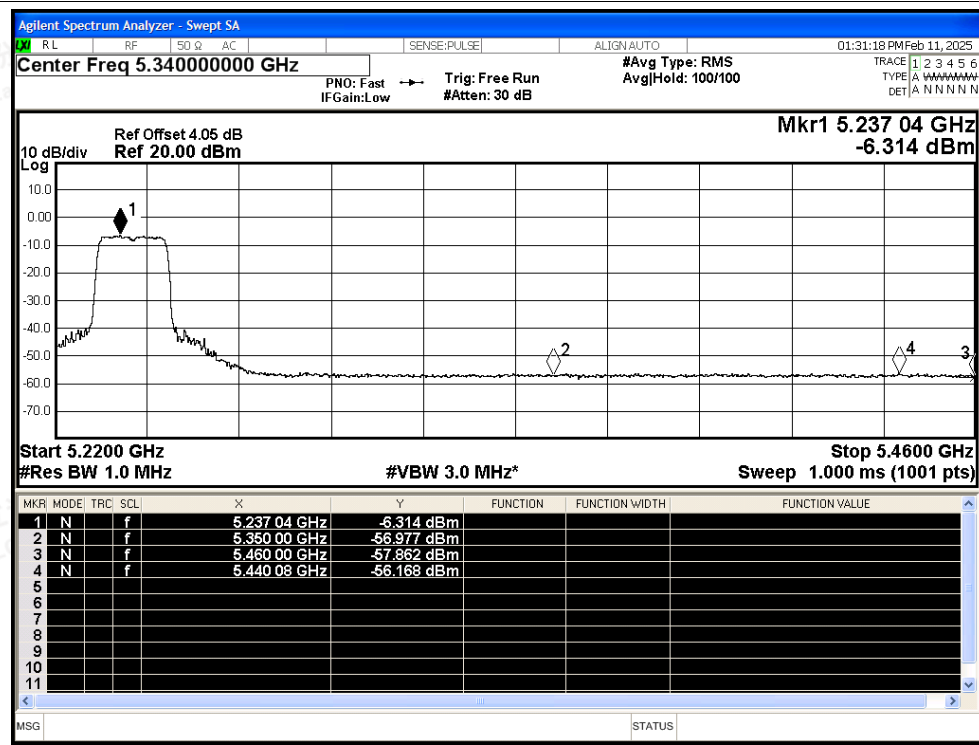
Scan code to check authenticity



## Restrict Band NVNT n20 5240MHz Ant Peak



## Restrict Band NVNT n20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

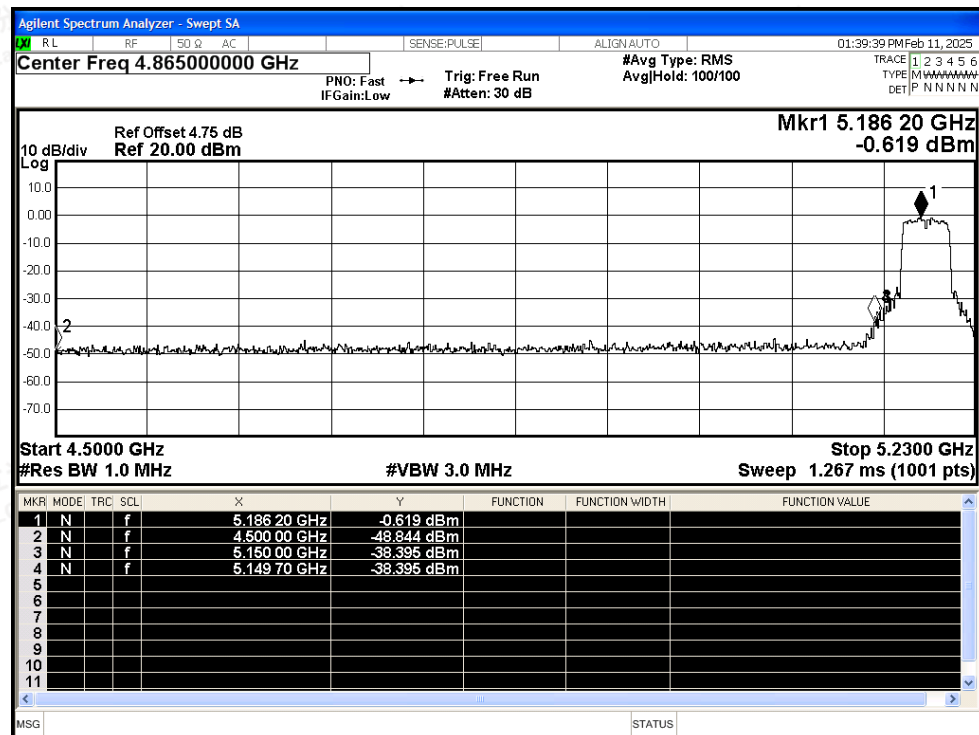
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

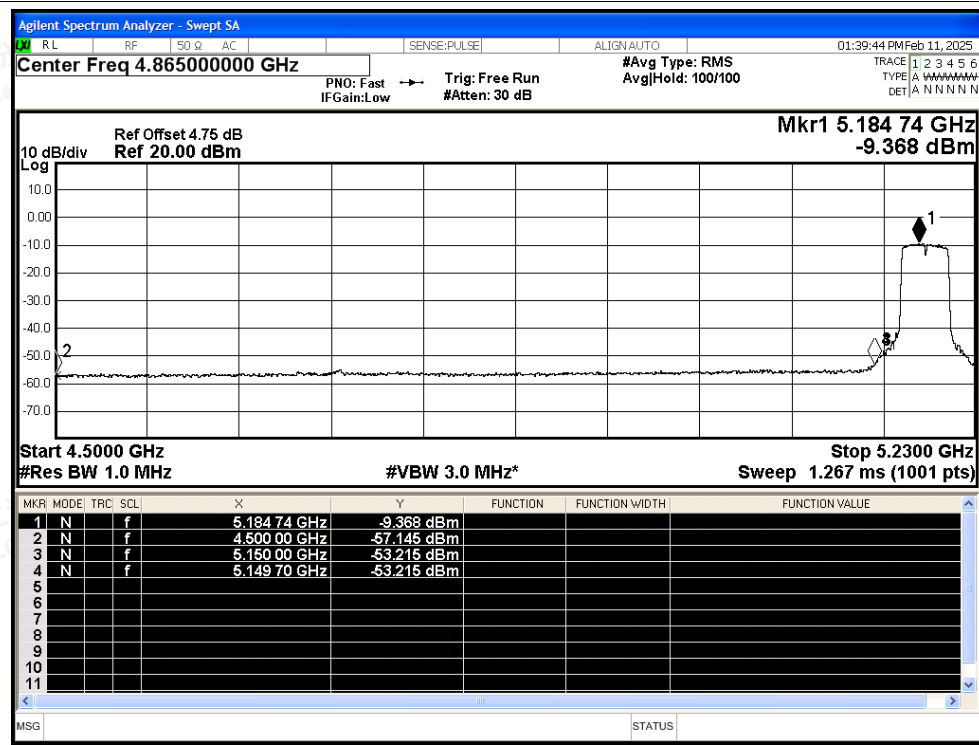
Scan code to check authenticity



## Restrict Band NVNT n40 5190MHz Ant Peak



## Restrict Band NVNT n40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

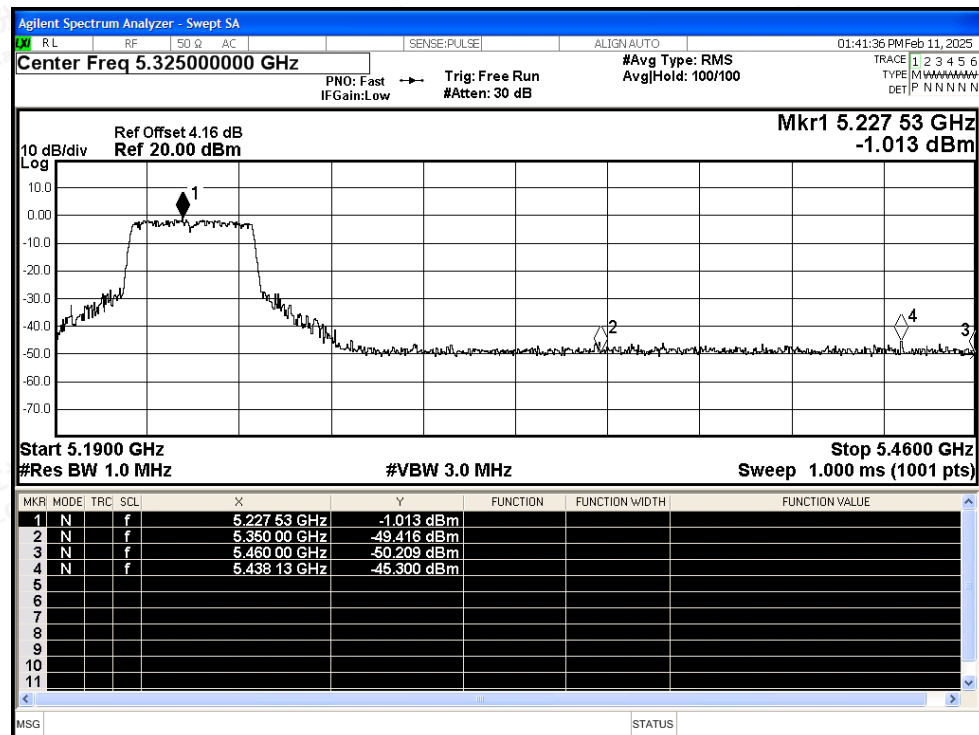
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

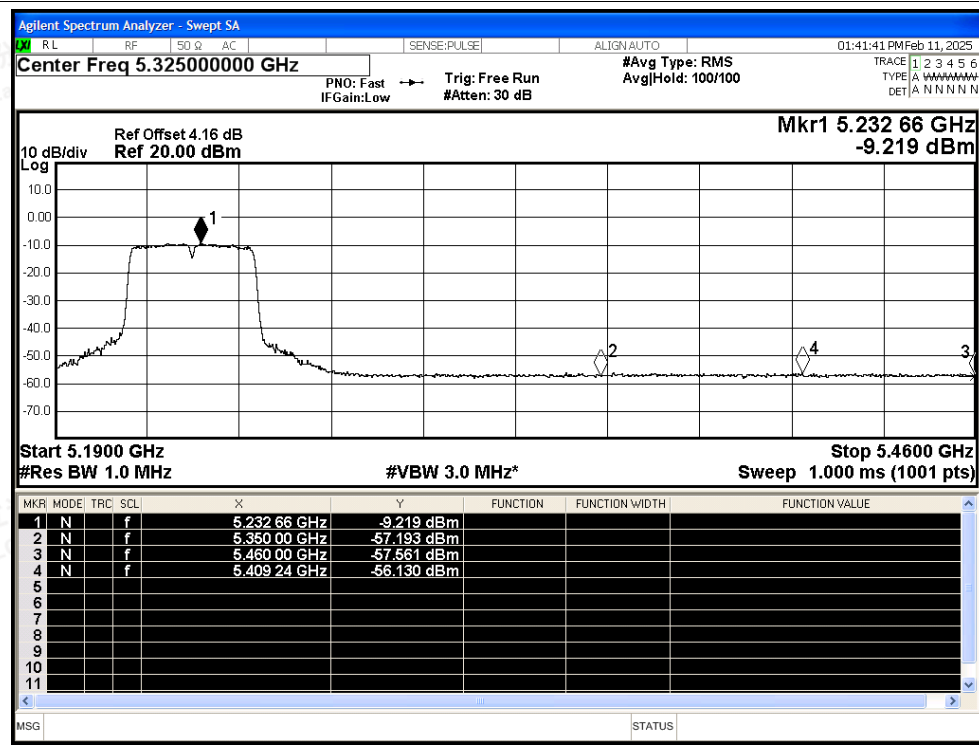
Scan code to check authenticity



## Restrict Band NVNT n40 5230MHz Ant Peak



## Restrict Band NVNT n40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

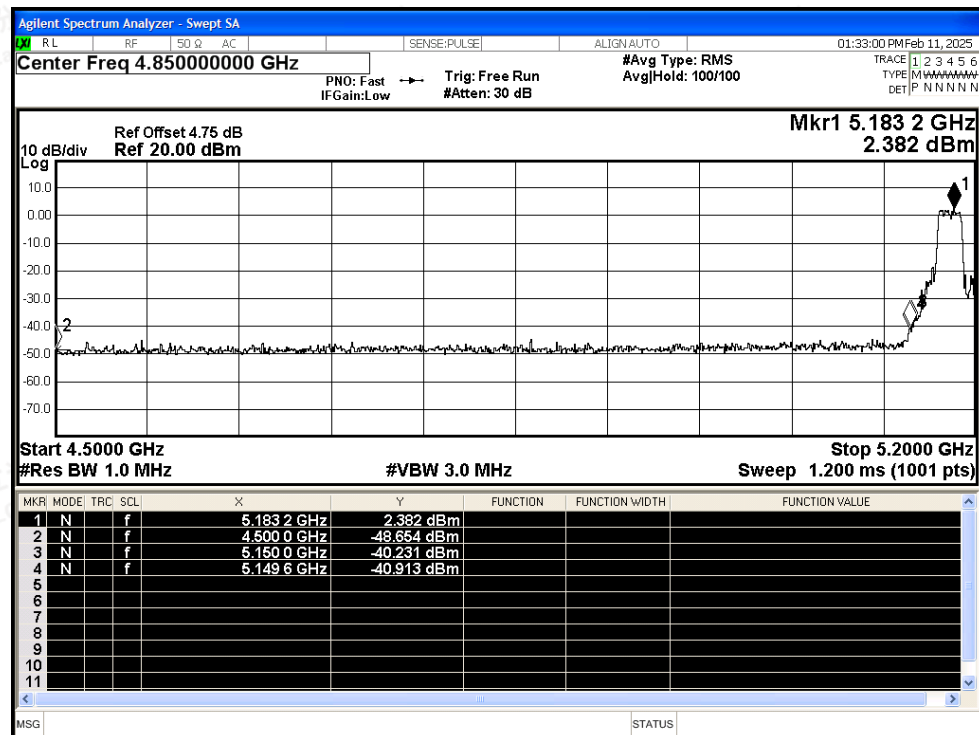
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

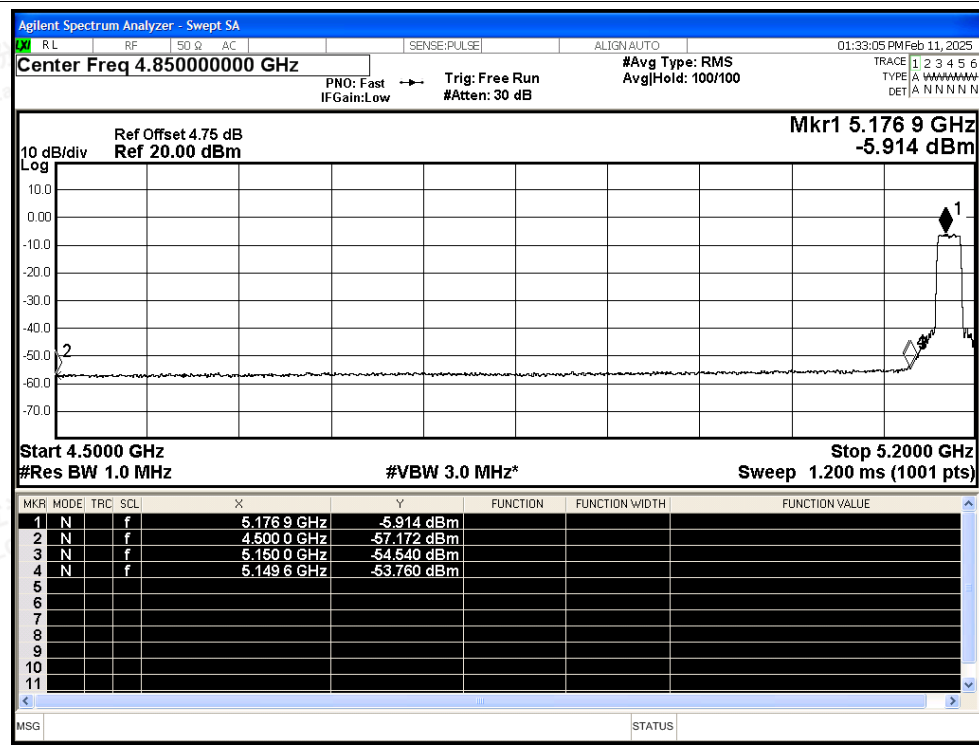
Scan code to check authenticity



## Restrict Band NVNT ac20 5180MHz Ant Peak



## Restrict Band NVNT ac20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

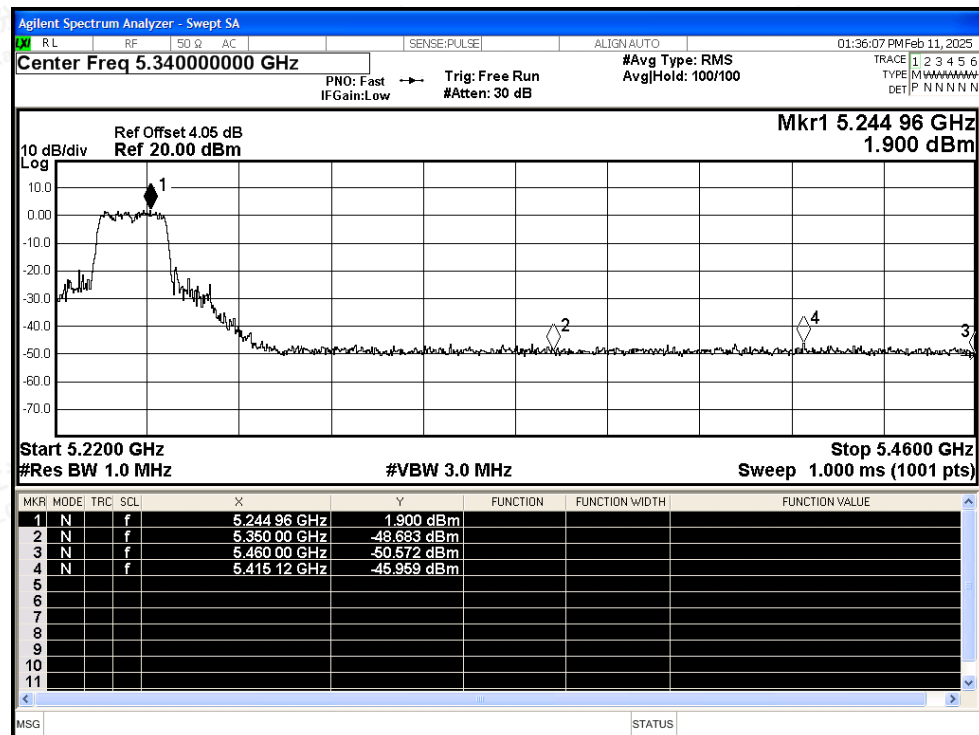
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

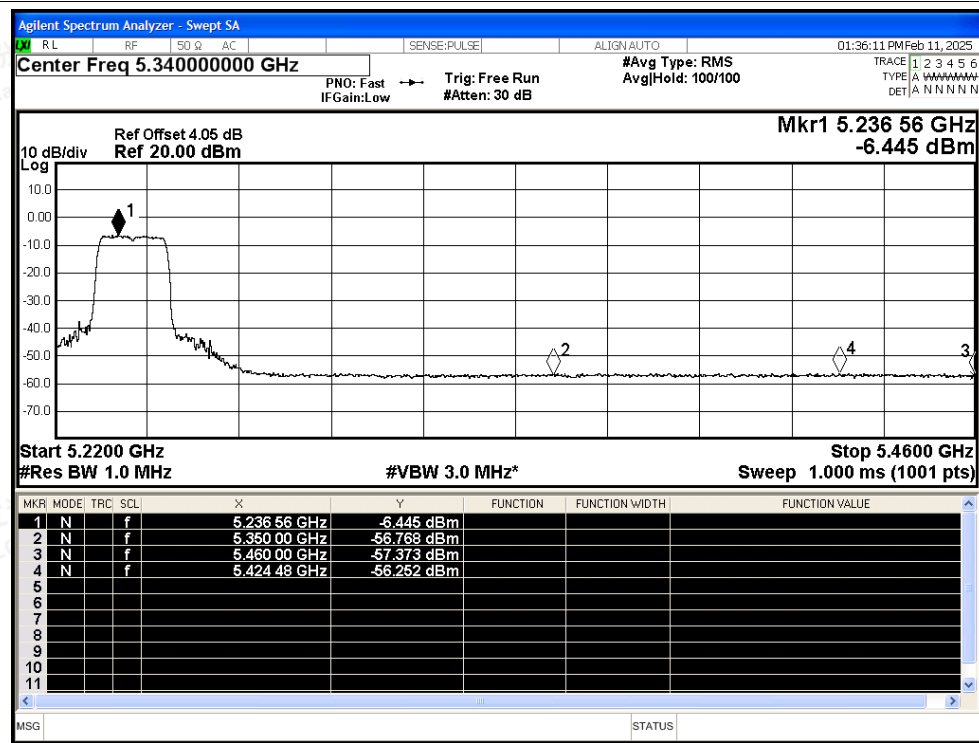
Scan code to check authenticity



## Restrict Band NVNT ac20 5240MHz Ant Peak



## Restrict Band NVNT ac20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

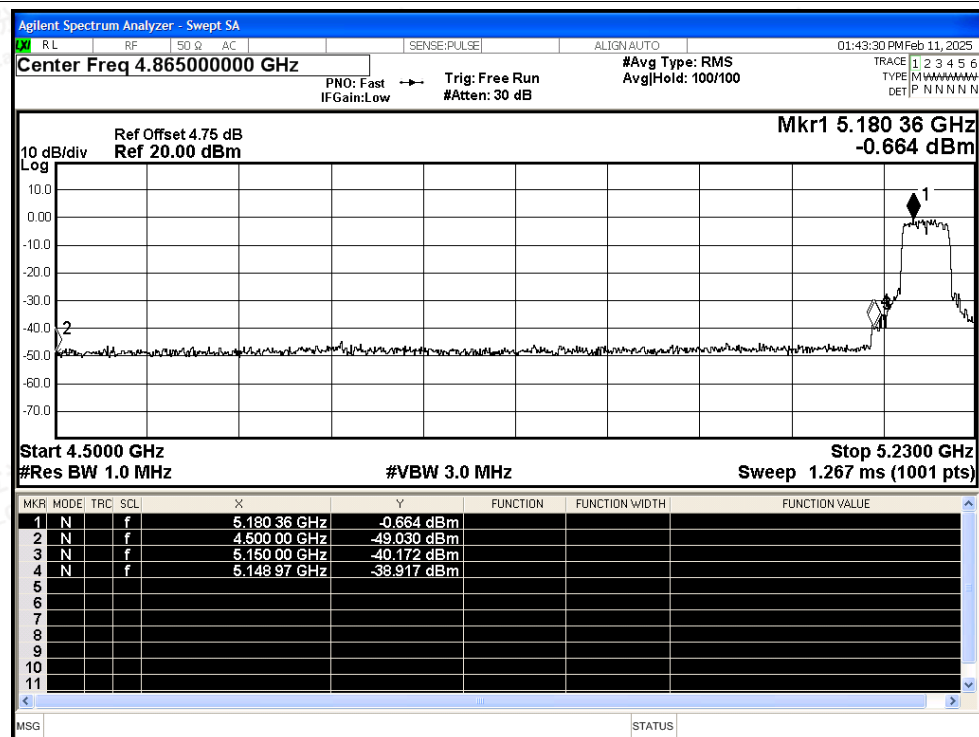
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

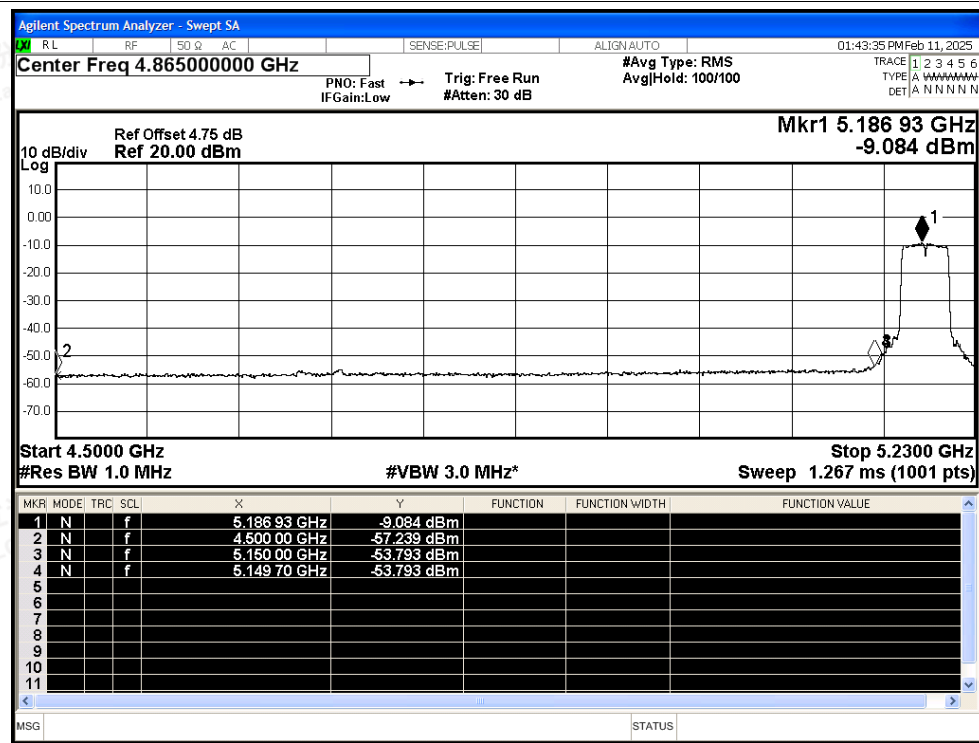
Scan code to check authenticity



## Restrict Band NVNT ac40 5190MHz Ant Peak



## Restrict Band NVNT ac40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

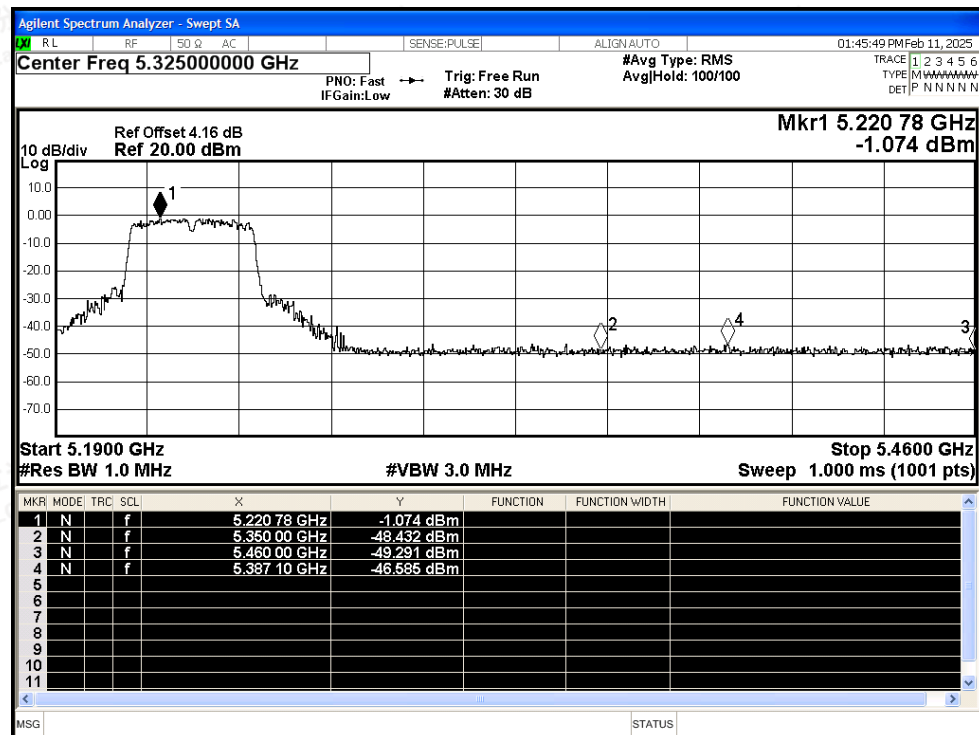
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

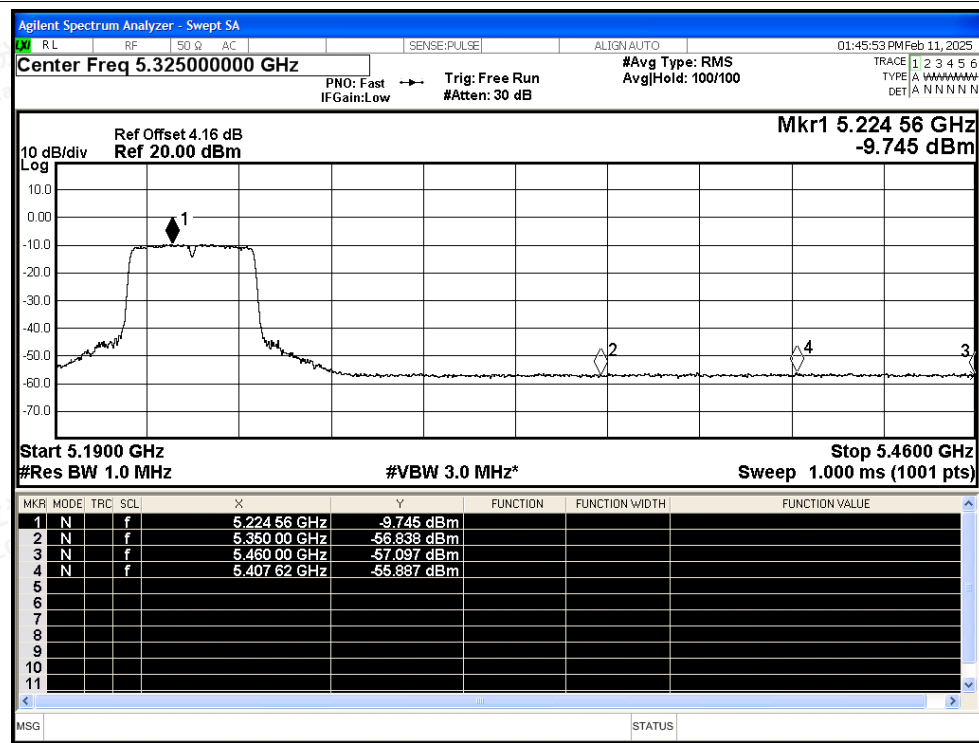
Scan code to check authenticity



## Restrict Band NVNT ac40 5230MHz Ant Peak



## Restrict Band NVNT ac40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

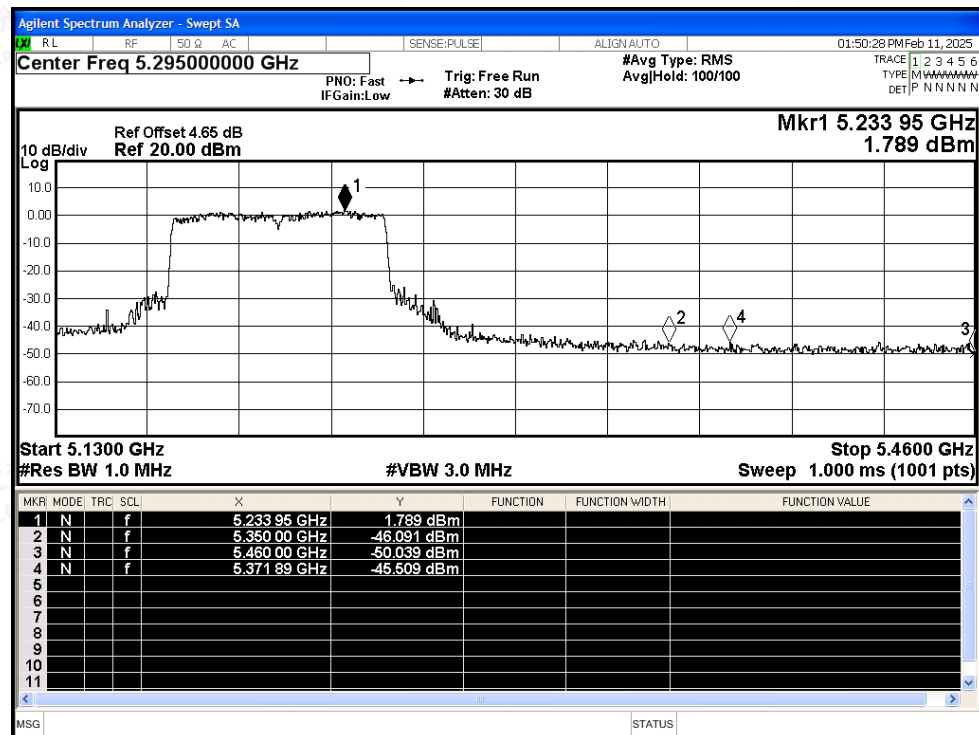
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

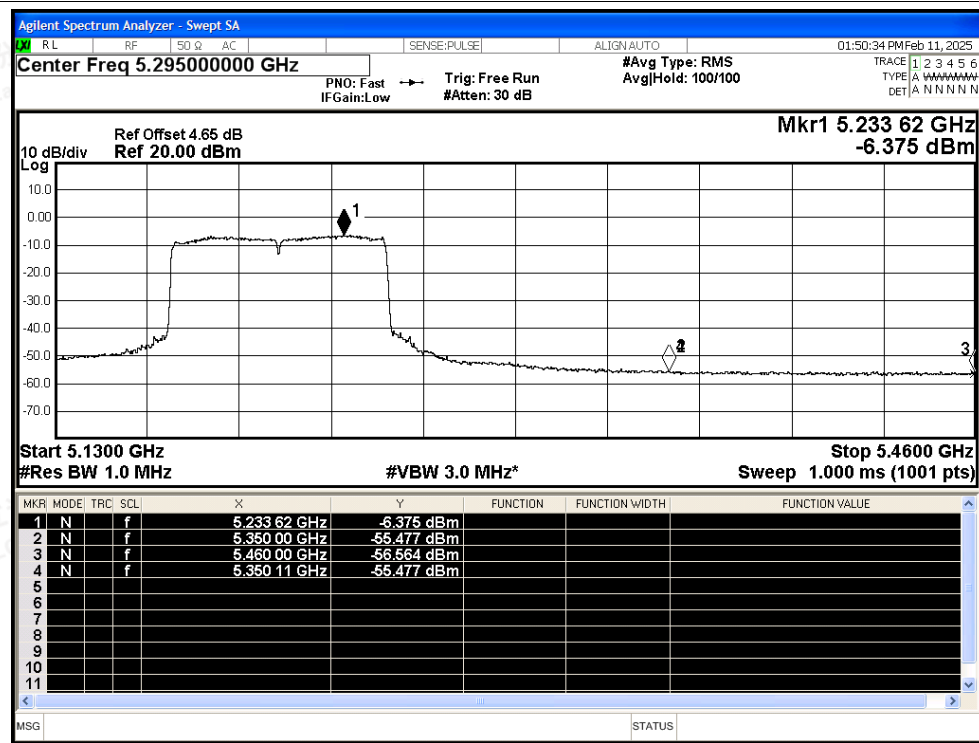
Scan code to check authenticity



## Restrict Band NVNT ac80 5210MHz Ant Peak



## Restrict Band NVNT ac80 5210MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

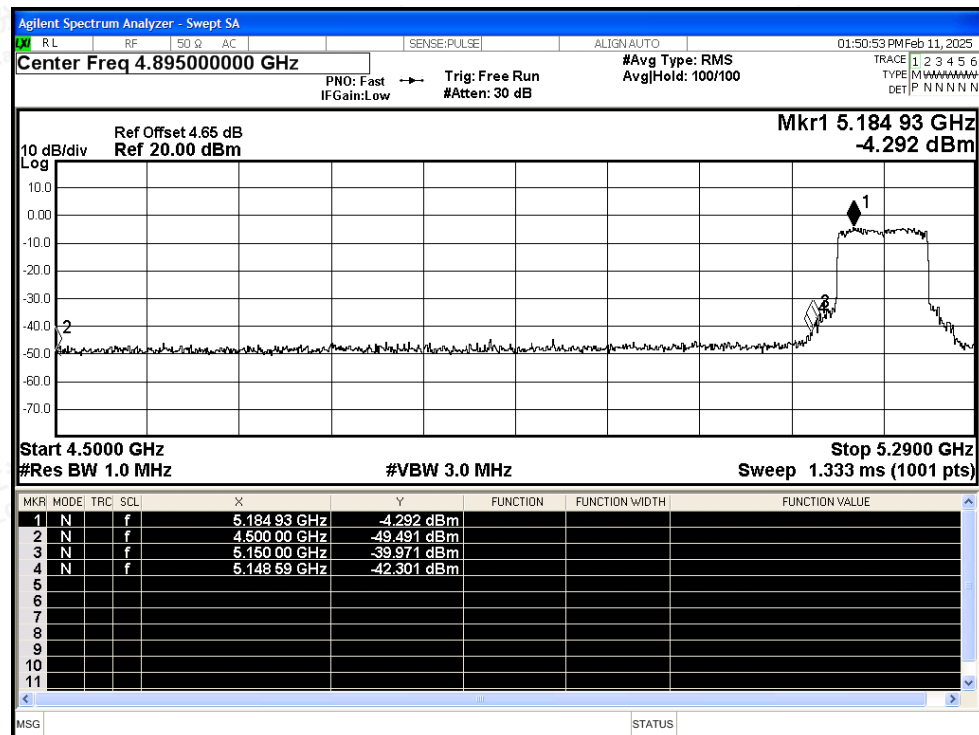
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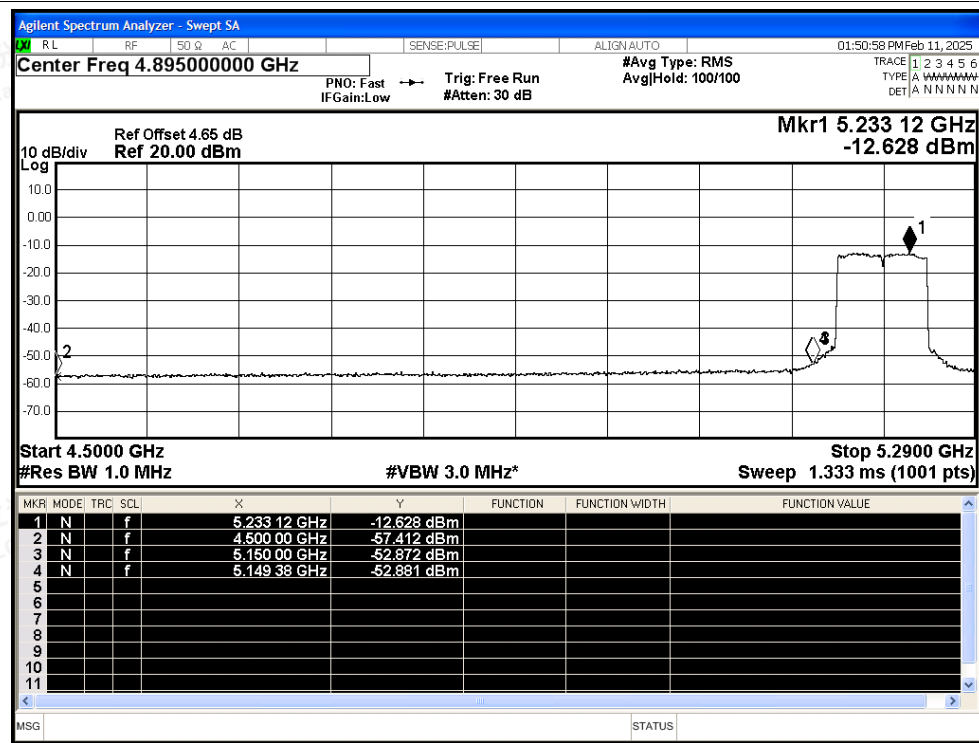
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## Restrict Band NVNT ac80 5210MHz Ant Peak



## Restrict Band NVNT ac80 5210MHz Ant Average



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## B.5 Frequency Stability

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



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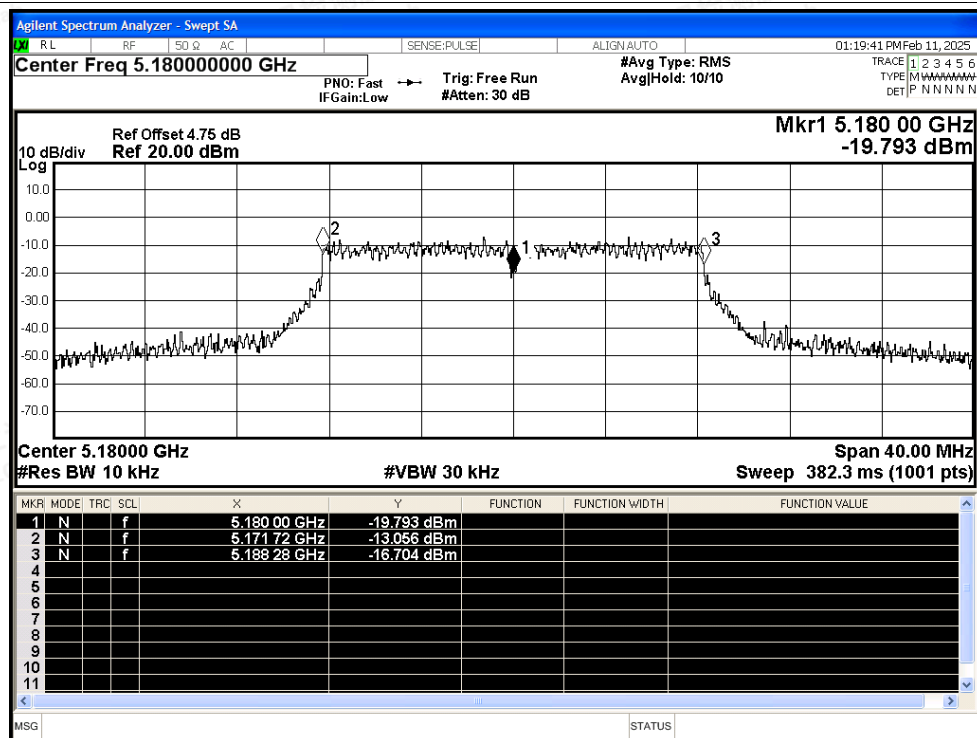
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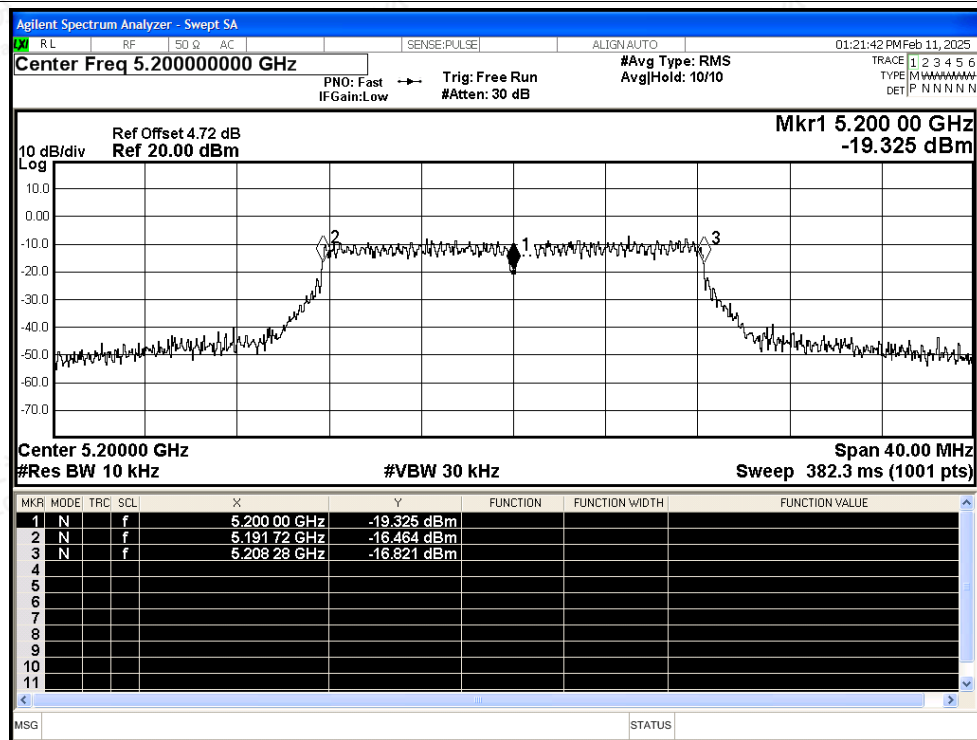


## Test Graphs

## Freq. Stability NVNT a 5180MHz Ant



## Freq. Stability NVNT a 5200MHz Ant



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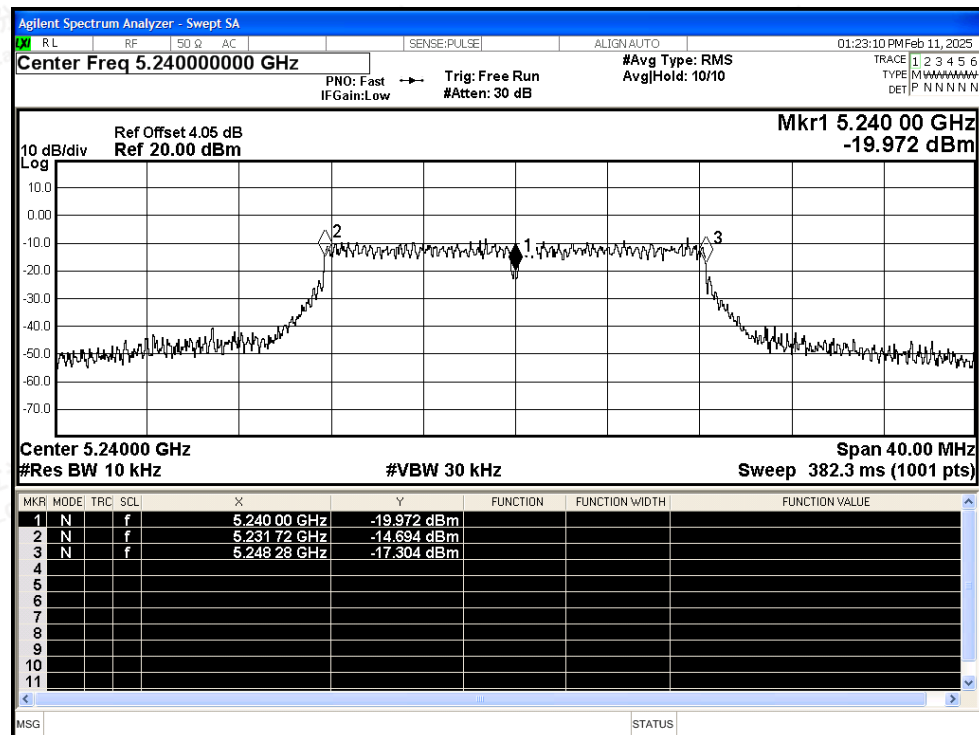
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

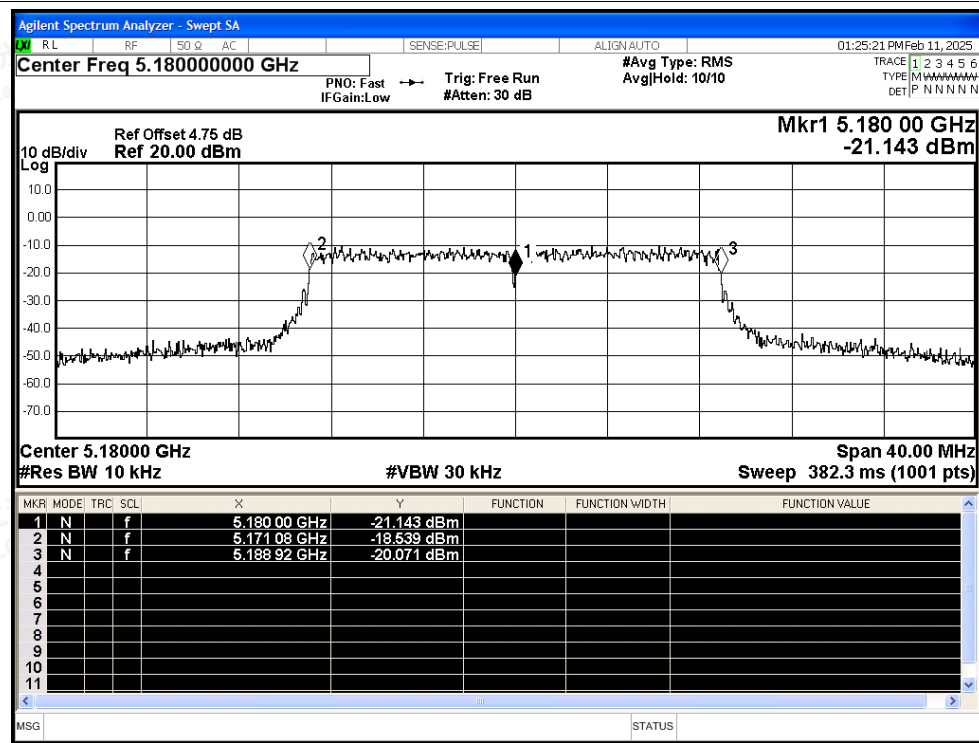
Scan code to check authenticity



## Freq. Stability NVNT a 5240MHz Ant



## Freq. Stability NVNT n20 5180MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

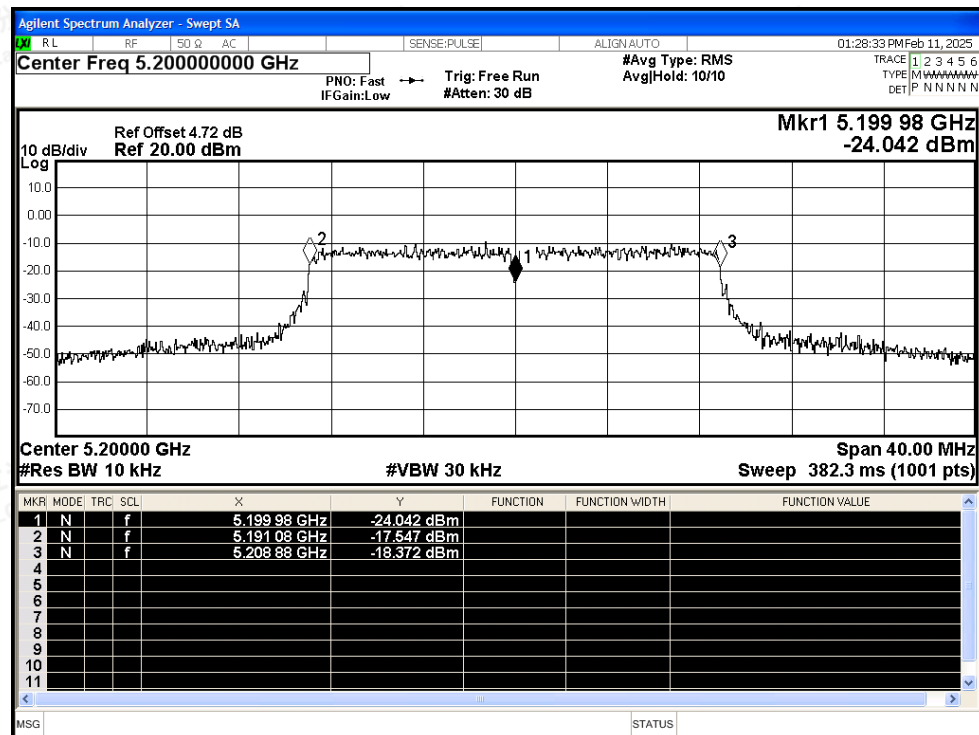
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

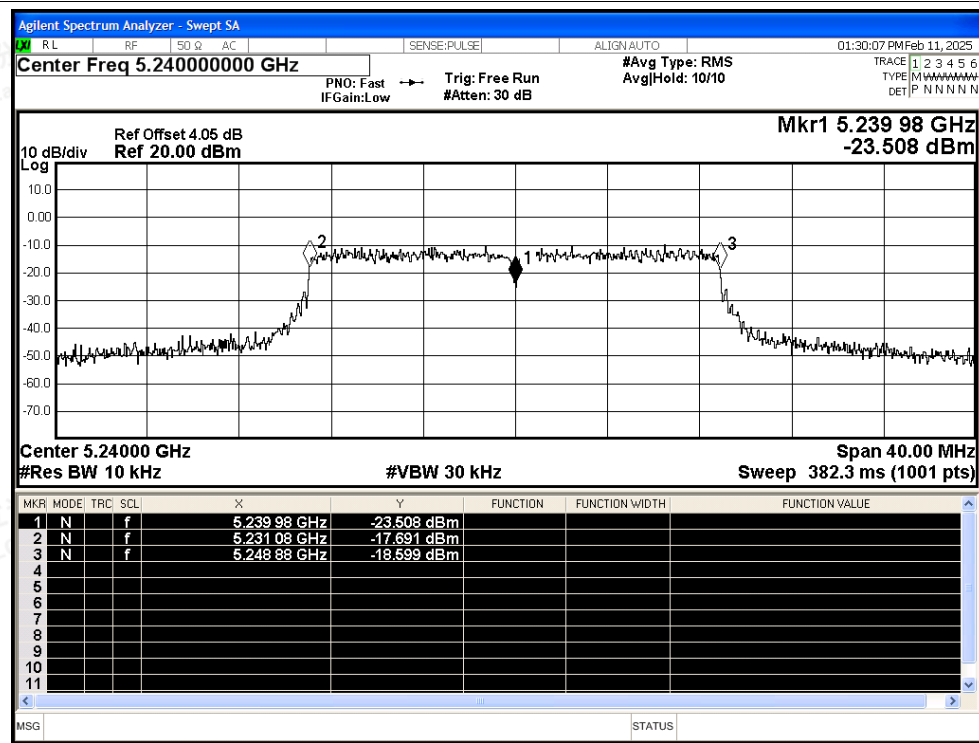
Scan code to check authenticity



## Freq. Stability NVNT n20 5200MHz Ant



## Freq. Stability NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

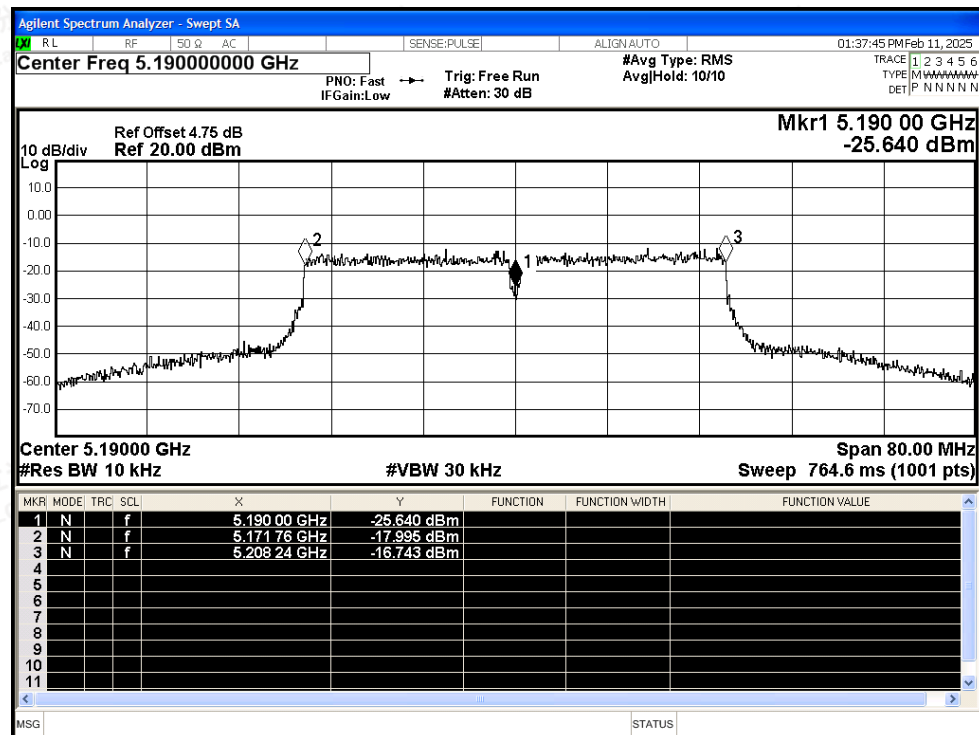
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

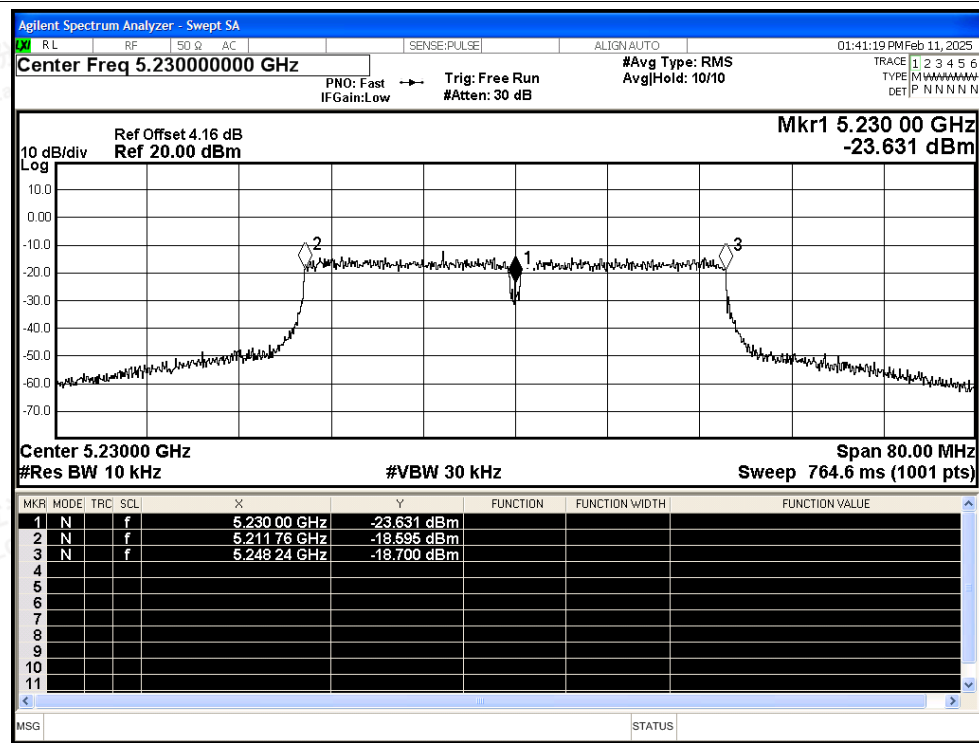
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## Freq. Stability NVNT n40 5190MHz Ant



## Freq. Stability NVNT n40 5230MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

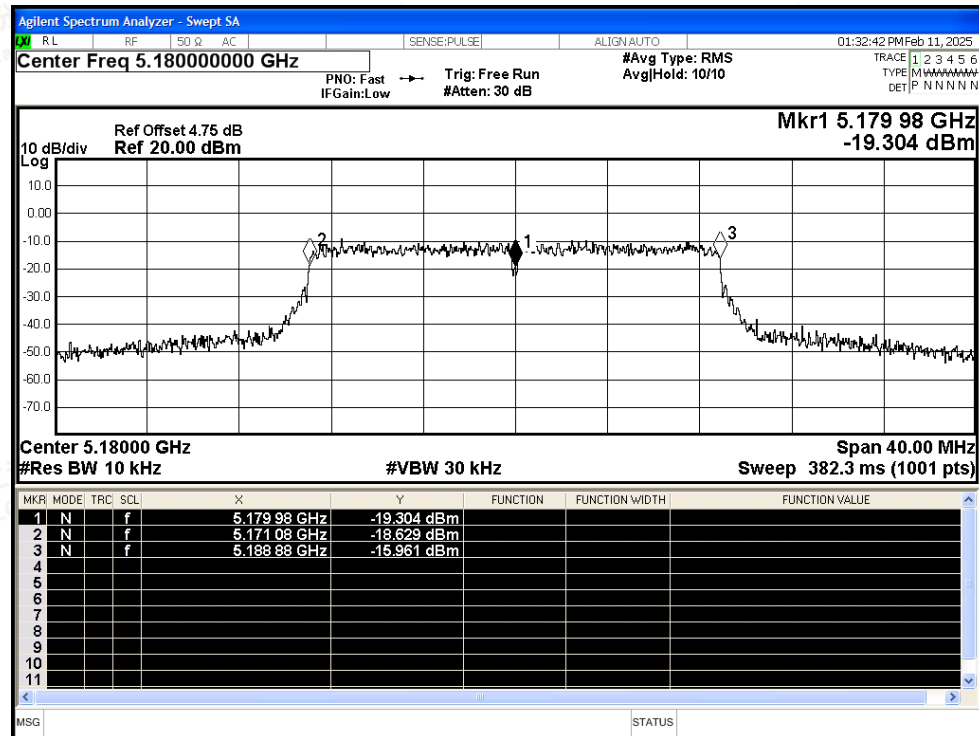
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

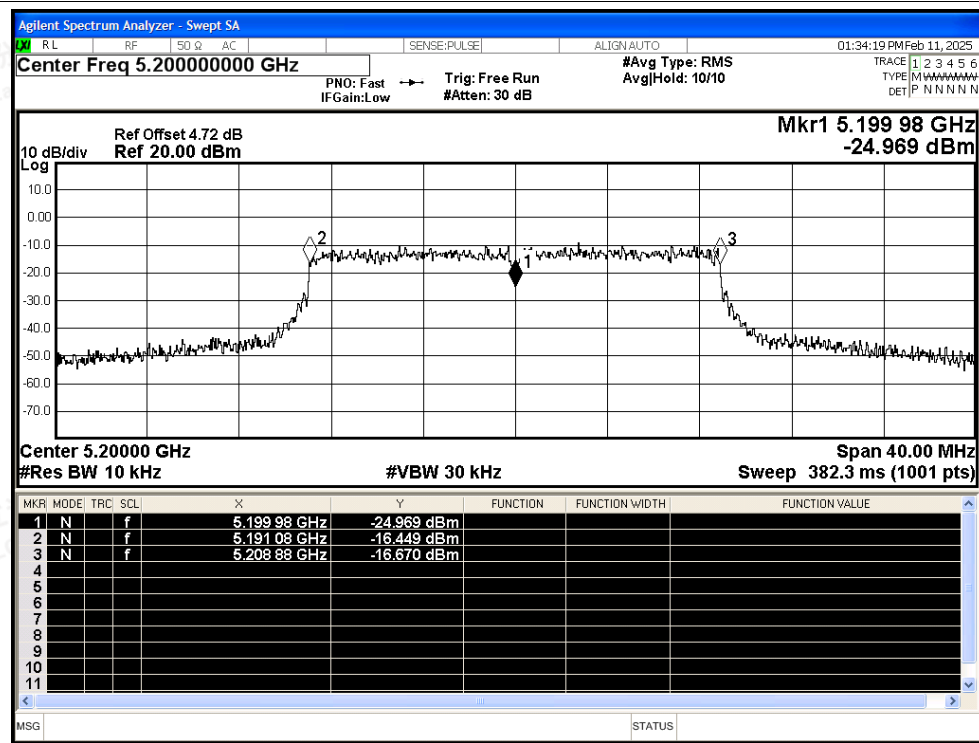
Scan code to check authenticity



## Freq. Stability NVNT ac20 5180MHz Ant



## Freq. Stability NVNT ac20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

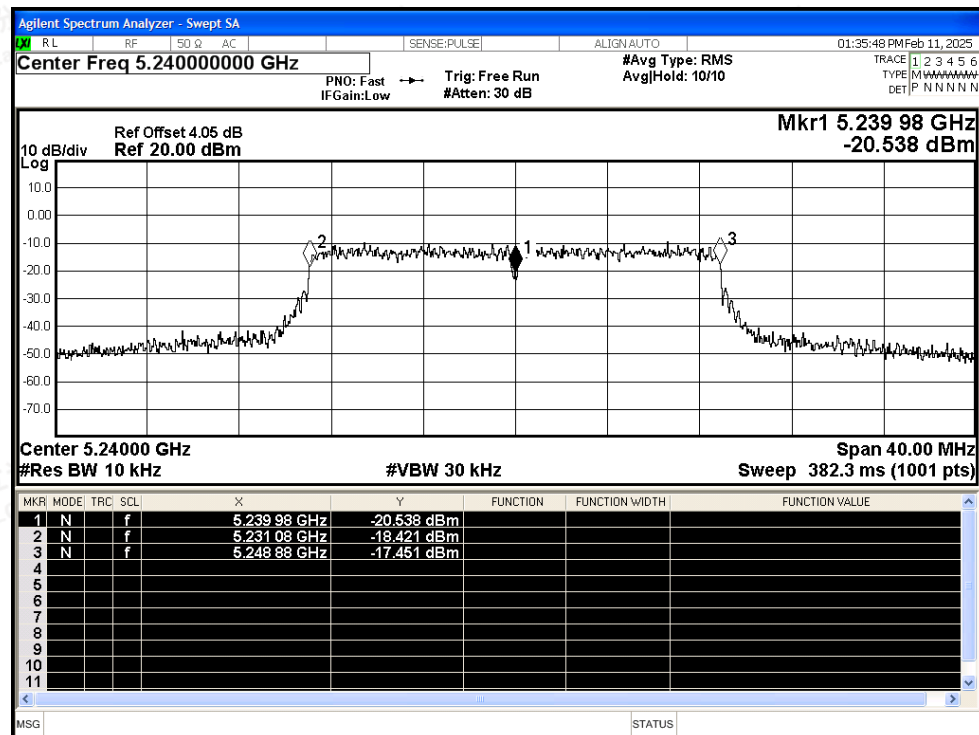
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

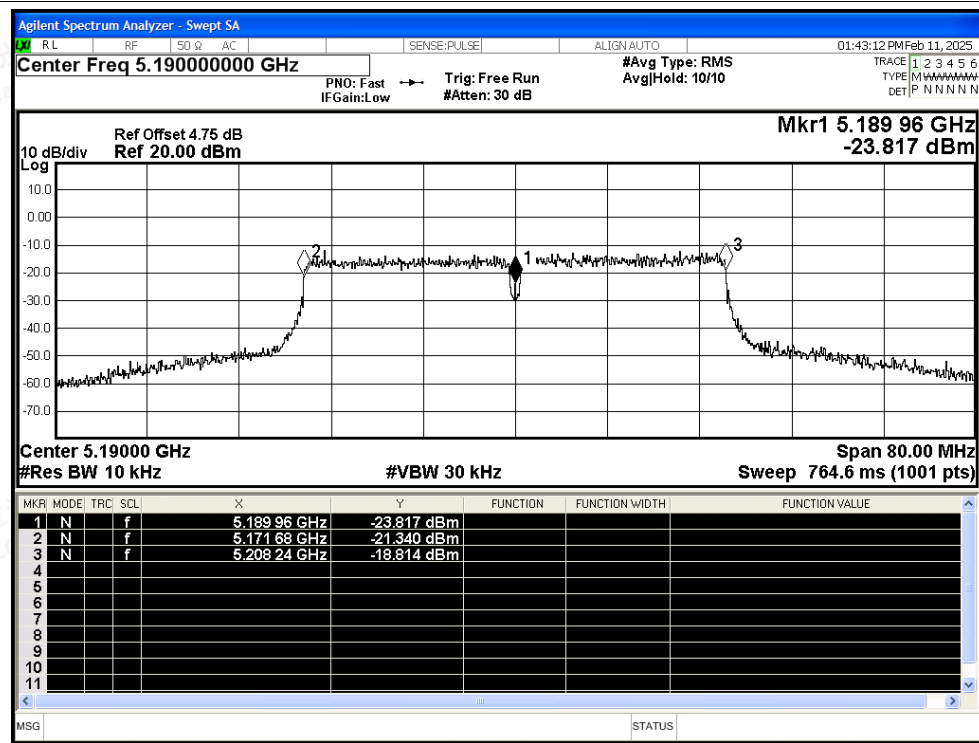
Scan code to check authenticity



## Freq. Stability NVNT ac20 5240MHz Ant



## Freq. Stability NVNT ac40 5190MHz Ant



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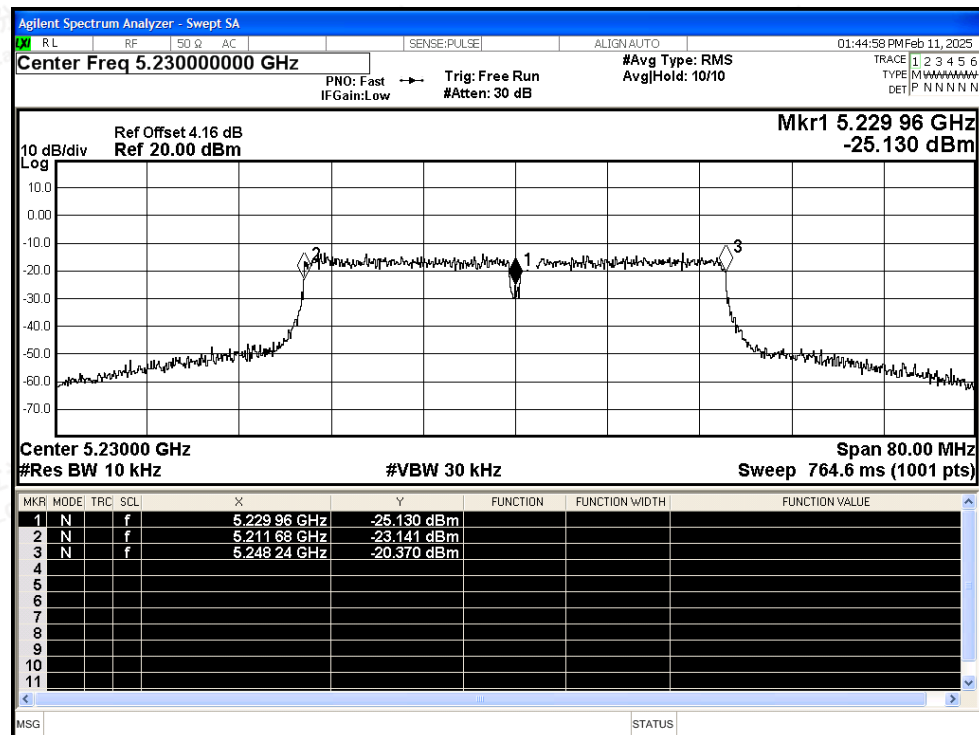
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

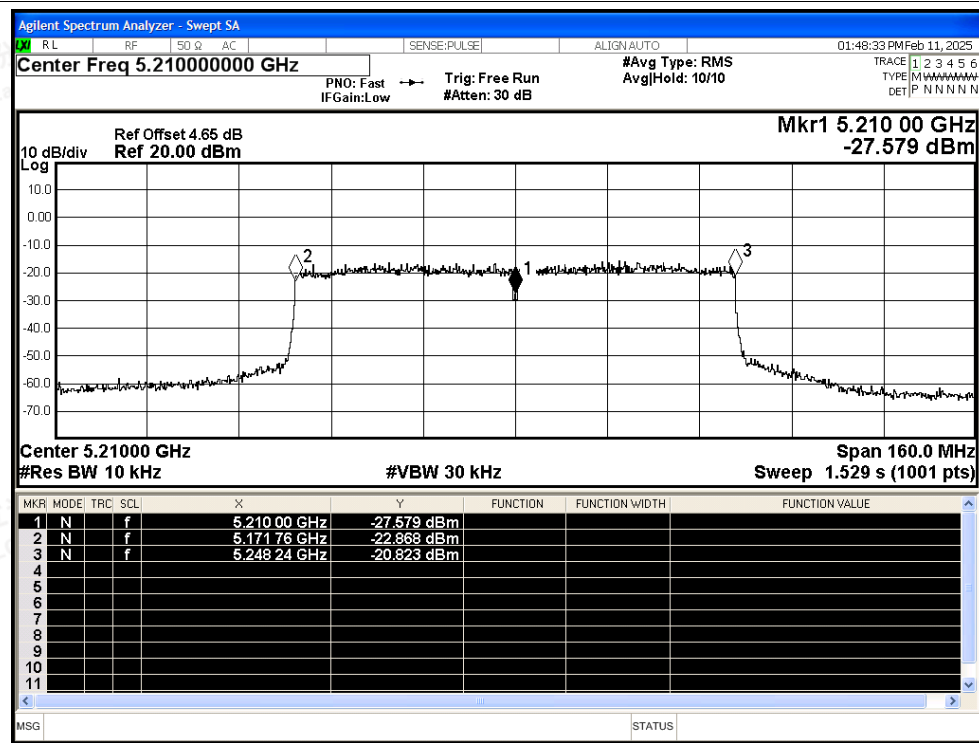
Scan code to check authenticity



## Freq. Stability NVNT ac40 5230MHz Ant



## Freq. Stability NVNT ac80 5210MHz Ant

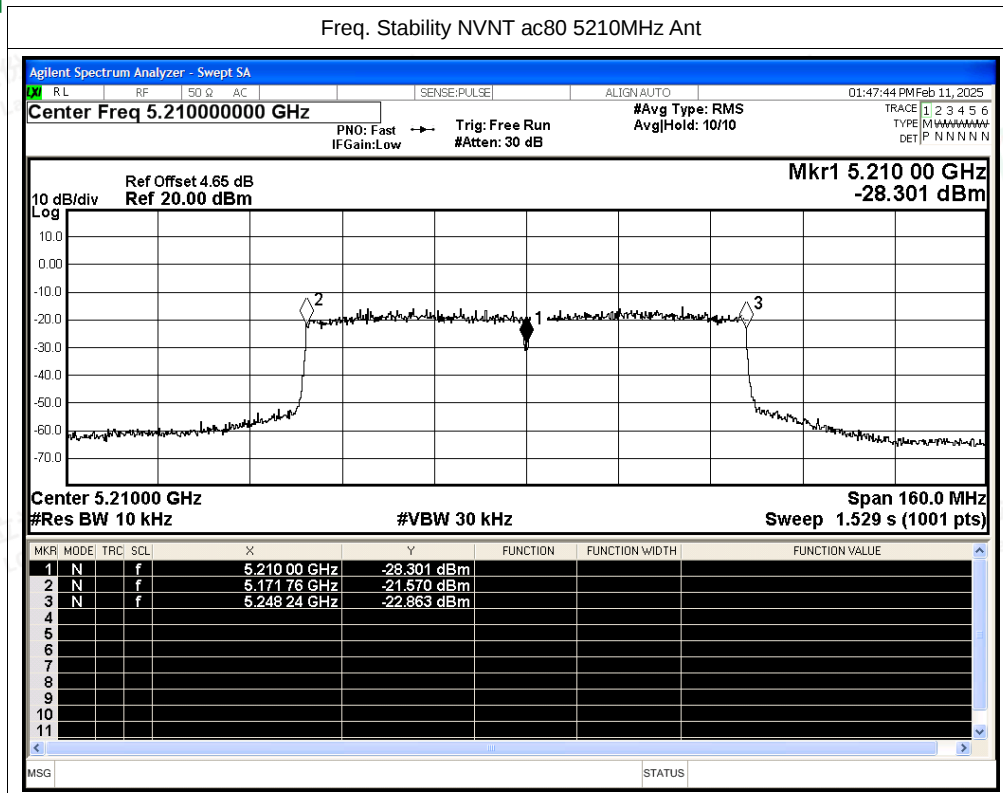


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## B.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant     | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5200            | Ant     | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5240            | Ant     | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5180            | Ant     | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 5200            | Ant     | 97.29          | 0.12                   | 0.44      |
| NVNT      | n20  | 5240            | Ant     | 97.29          | 0.12                   | 0.44      |
| NVNT      | n40  | 5190            | Ant     | 94.71          | 0.24                   | 0.9       |
| NVNT      | n40  | 5230            | Ant     | 94.71          | 0.24                   | 0.9       |
| NVNT      | ac20 | 5180            | Ant     | 97.35          | 0.12                   | 0.44      |
| NVNT      | ac20 | 5200            | Ant     | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac20 | 5240            | Ant     | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac40 | 5190            | Ant     | 94.81          | 0.23                   | 0.9       |
| NVNT      | ac40 | 5230            | Ant     | 94.81          | 0.23                   | 0.9       |
| NVNT      | ac80 | 5210            | Ant     | 94.32          | 0.25                   | 0.97      |



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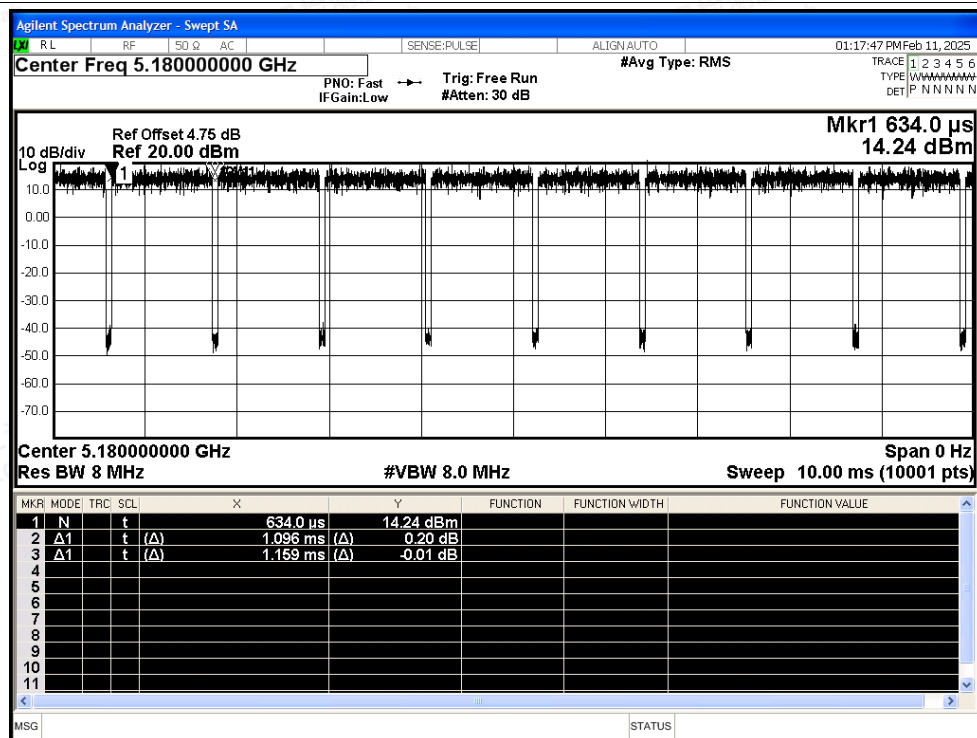
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

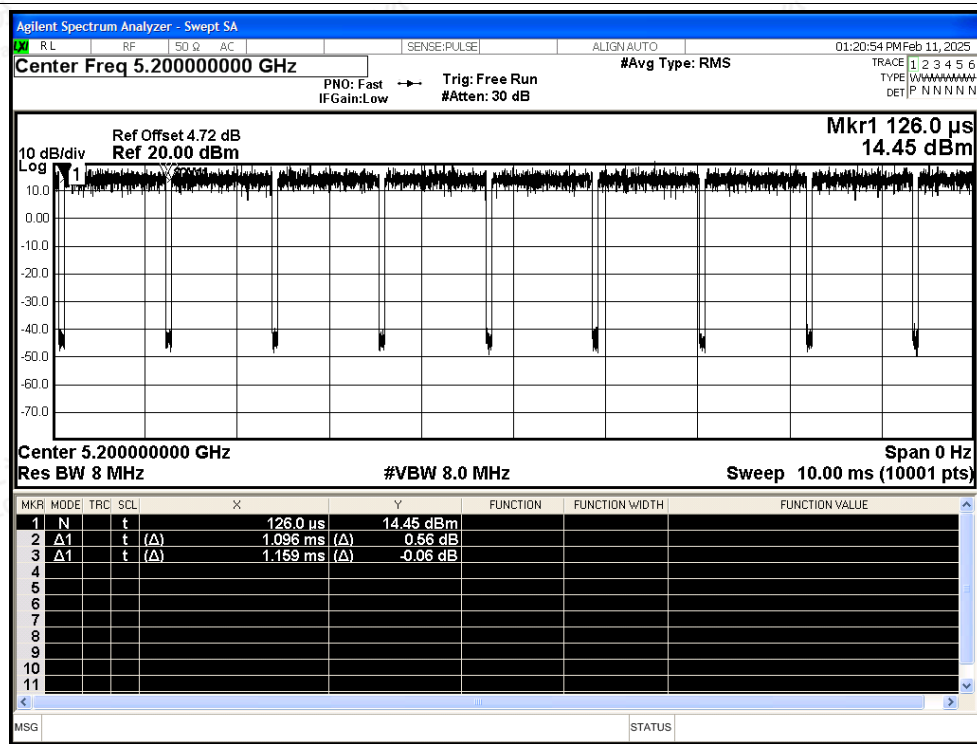


## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant



## Duty Cycle NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

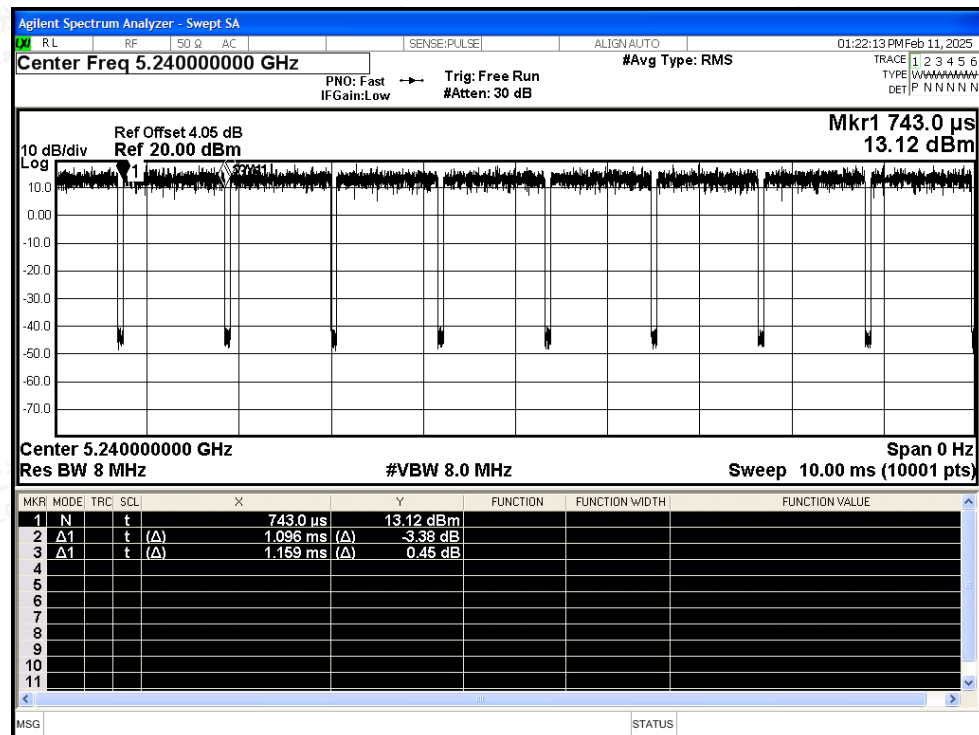
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

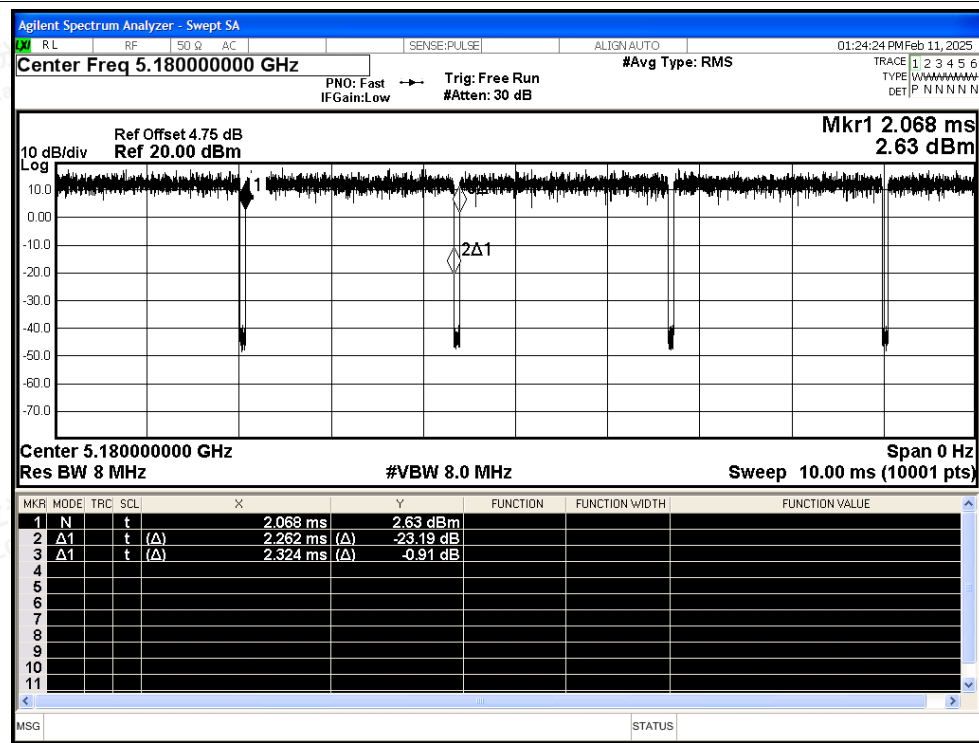
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## Duty Cycle NVNT a 5240MHz Ant



## Duty Cycle NVNT n20 5180MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

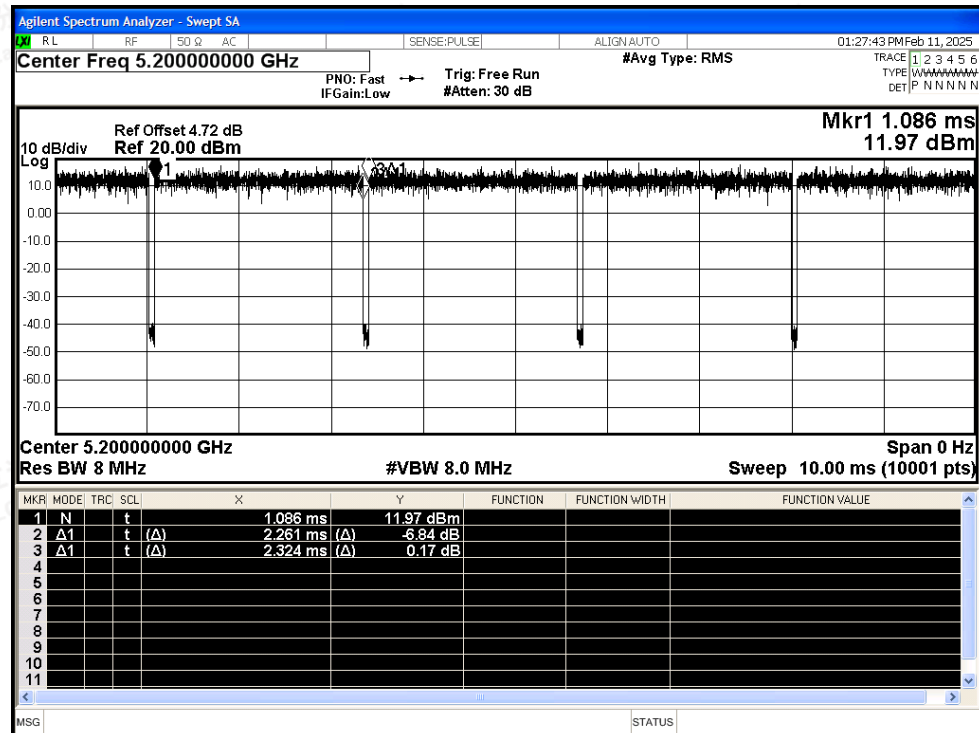
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

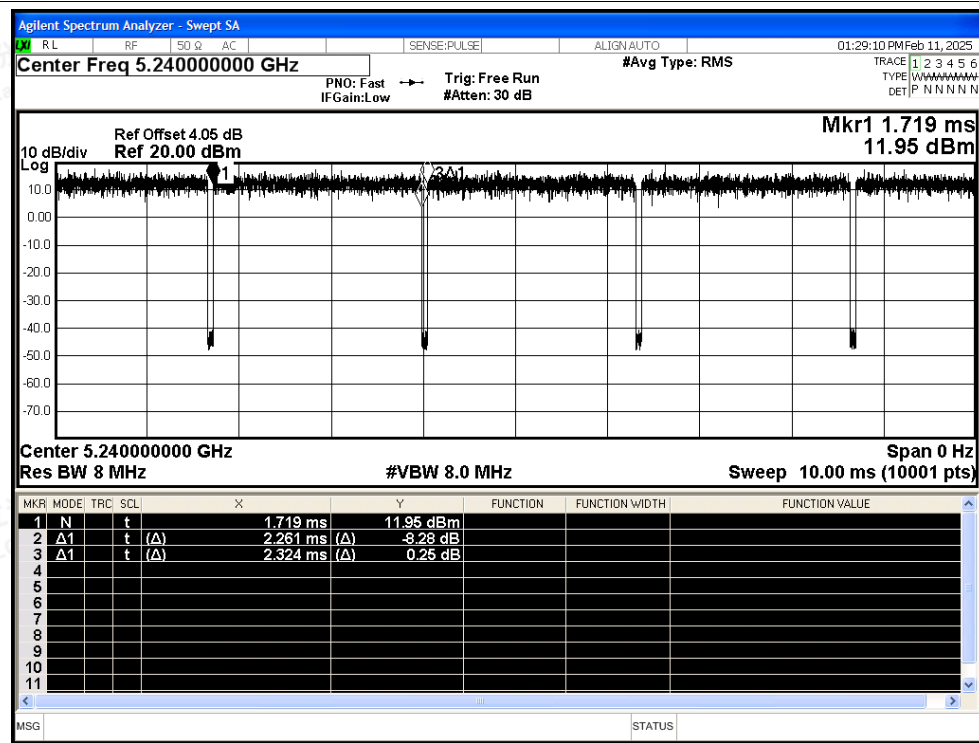
Scan code to check authenticity



## Duty Cycle NVNT n20 5200MHz Ant



## Duty Cycle NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

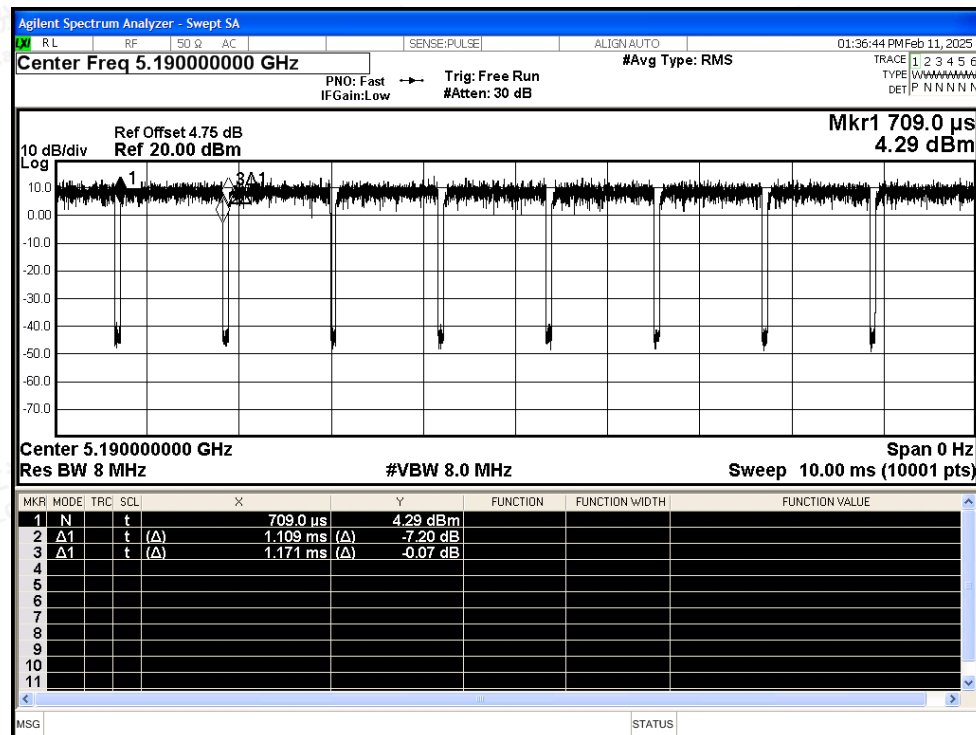
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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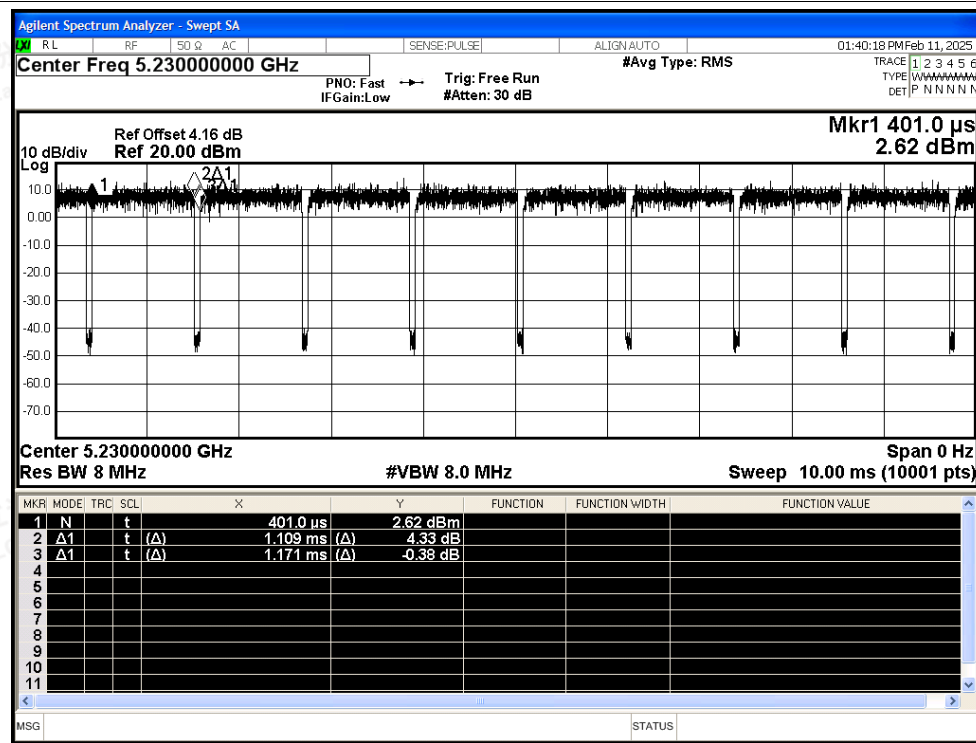
Scan code to check authenticity



## Duty Cycle NVNT n40 5190MHz Ant



## Duty Cycle NVNT n40 5230MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

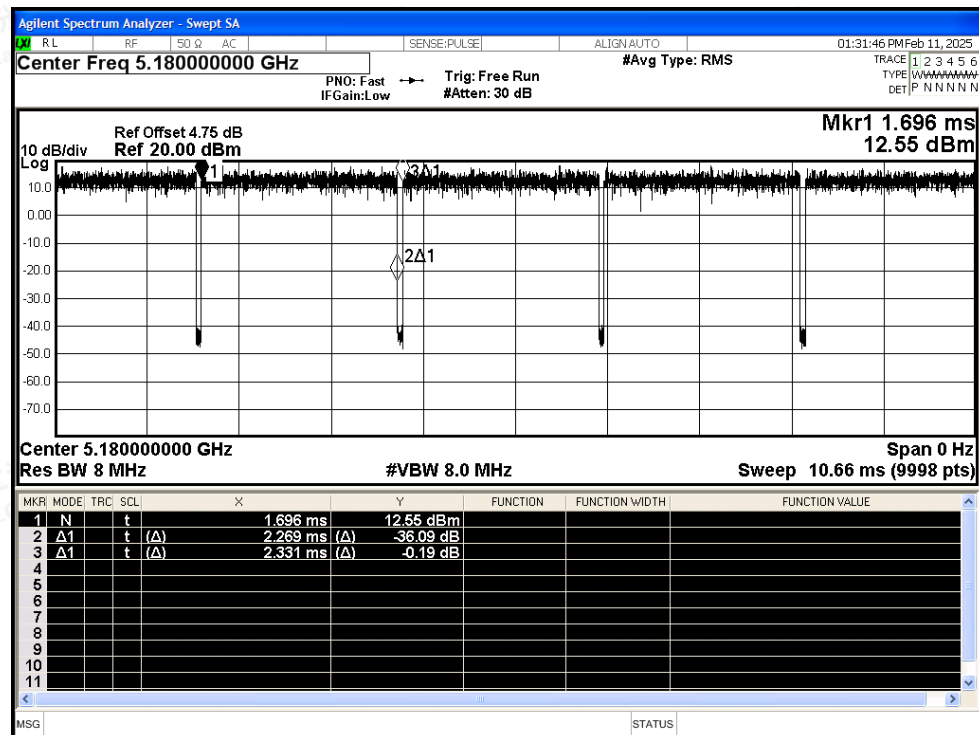
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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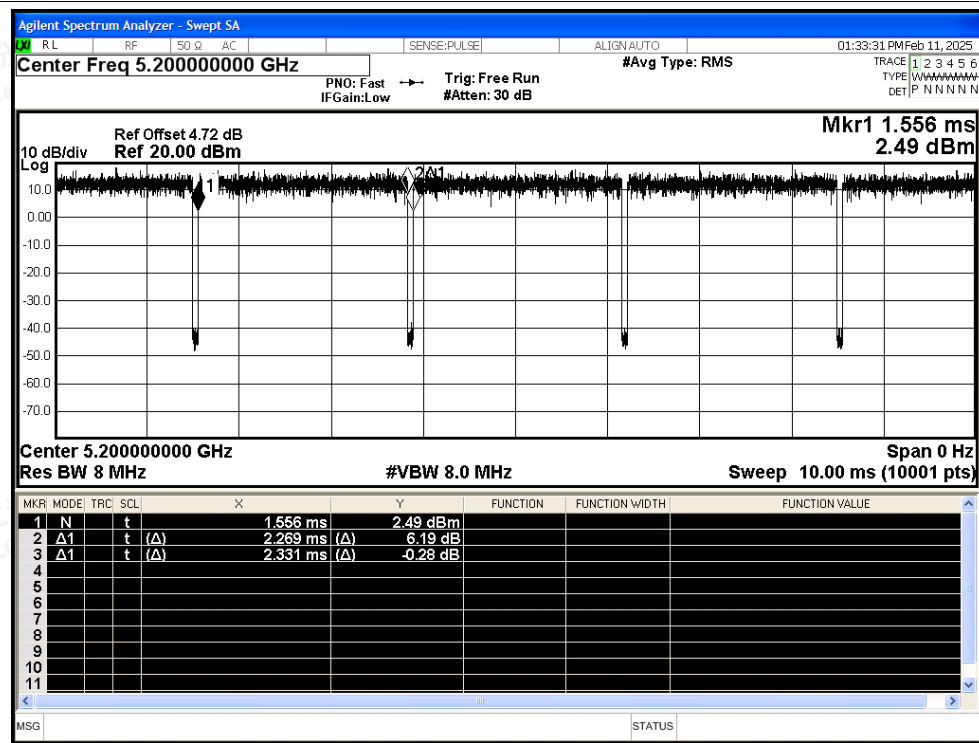
Scan code to check authenticity



## Duty Cycle NVNT ac20 5180MHz Ant



## Duty Cycle NVNT ac20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

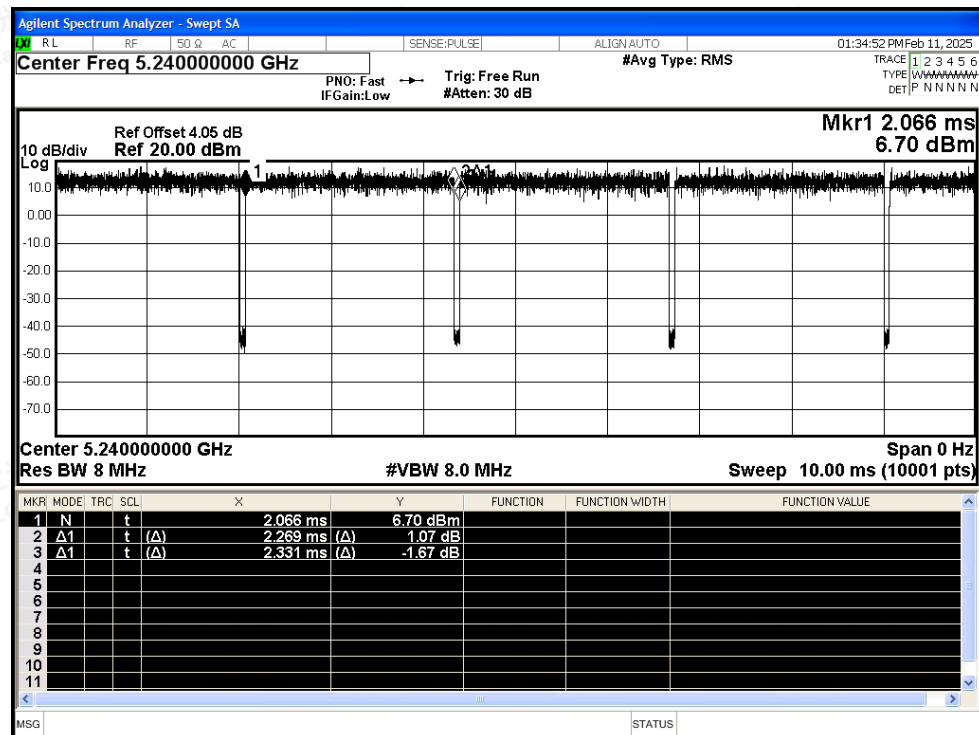
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

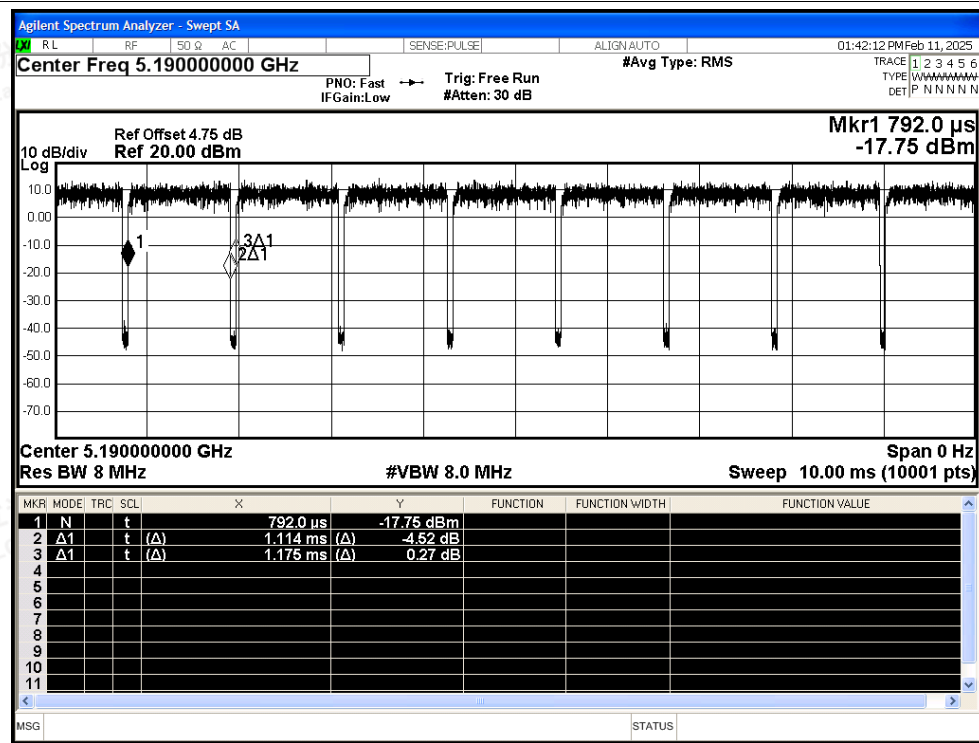
Scan code to check authenticity



## Duty Cycle NVNT ac20 5240MHz Ant



## Duty Cycle NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

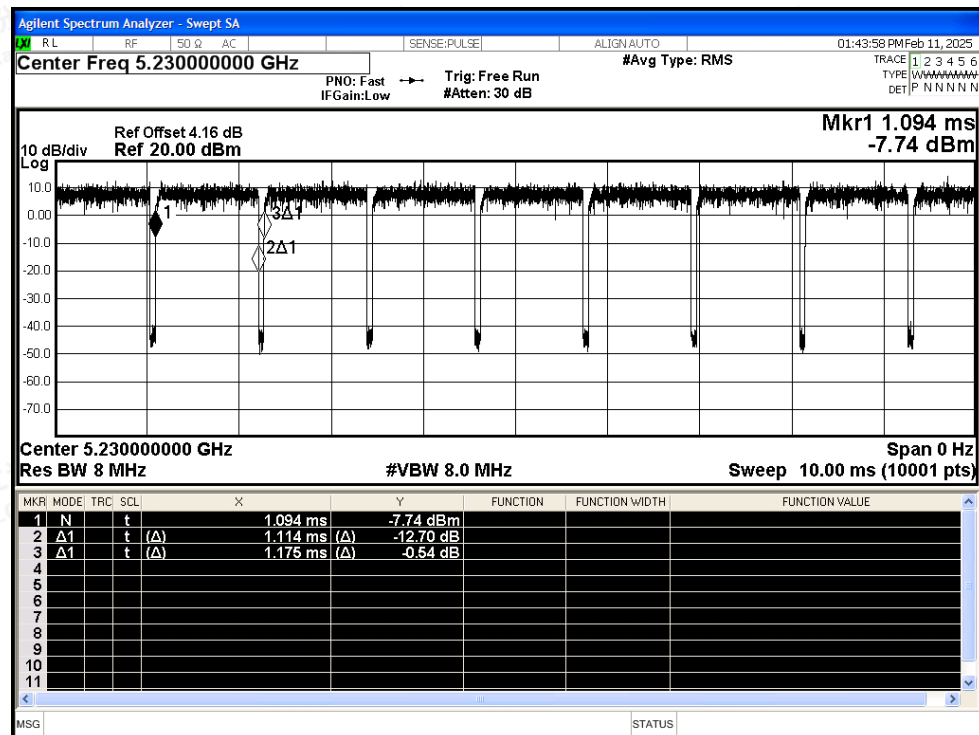
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

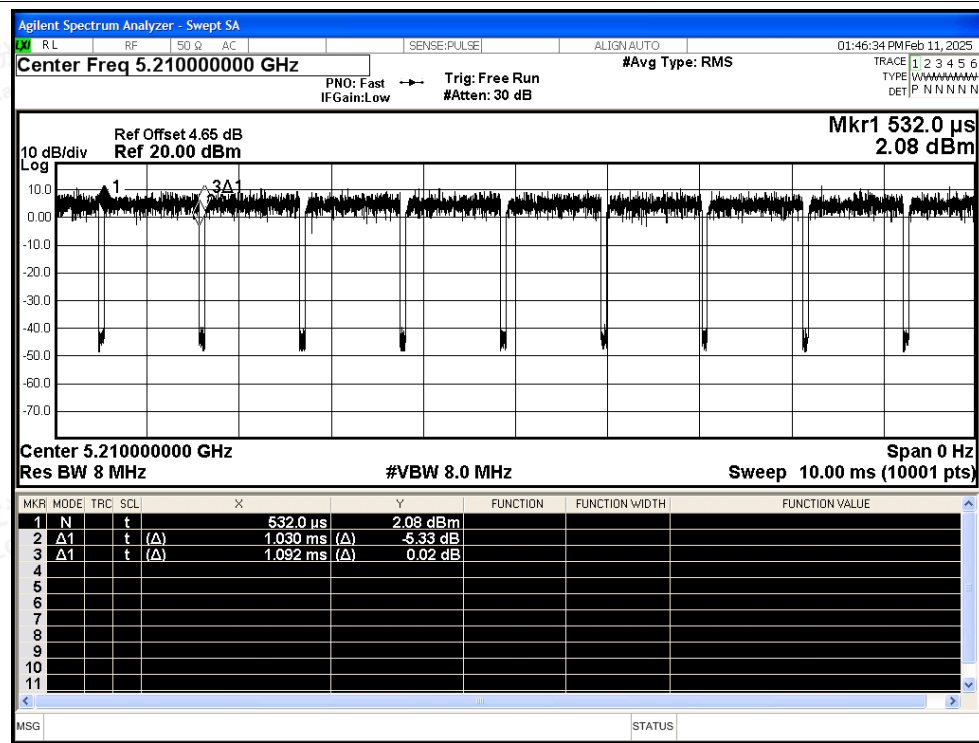
Scan code to check authenticity



## Duty Cycle NVNT ac40 5230MHz Ant



## Duty Cycle NVNT ac80 5210MHz Ant



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