



## Appendix E

### RF Test Data for 5.3GWIFI(Conducted Measurement)

Product Name: Smart Diagnostic System

Test Model: VDT800

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.2° C   |
| Relative Humidity: | 53.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Can Kun   |
| Supervised by:     | Nick Peng |



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## E.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5260            | Ant1    | 24.762                 | ---                          | Pass    |
| NVNT      | a    | 5300            | Ant1    | 25.027                 | ---                          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 26.335                 | ---                          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 28.721                 | ---                          | Pass    |
| NVNT      | n20  | 5300            | Ant1    | 27.918                 | ---                          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 28.824                 | ---                          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 50.767                 | ---                          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 46.458                 | ---                          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 26.757                 | ---                          | Pass    |
| NVNT      | ac20 | 5300            | Ant1    | 27.06                  | ---                          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 27.033                 | ---                          | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | 50.809                 | ---                          | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | 47.743                 | ---                          | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | 85.271                 | ---                          | Pass    |

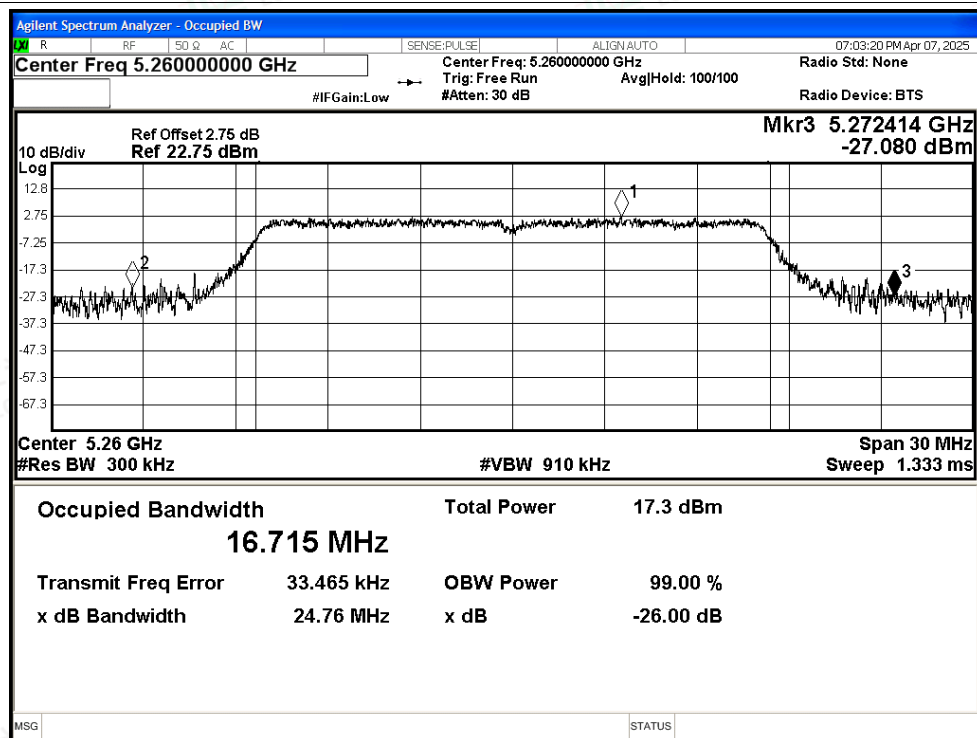


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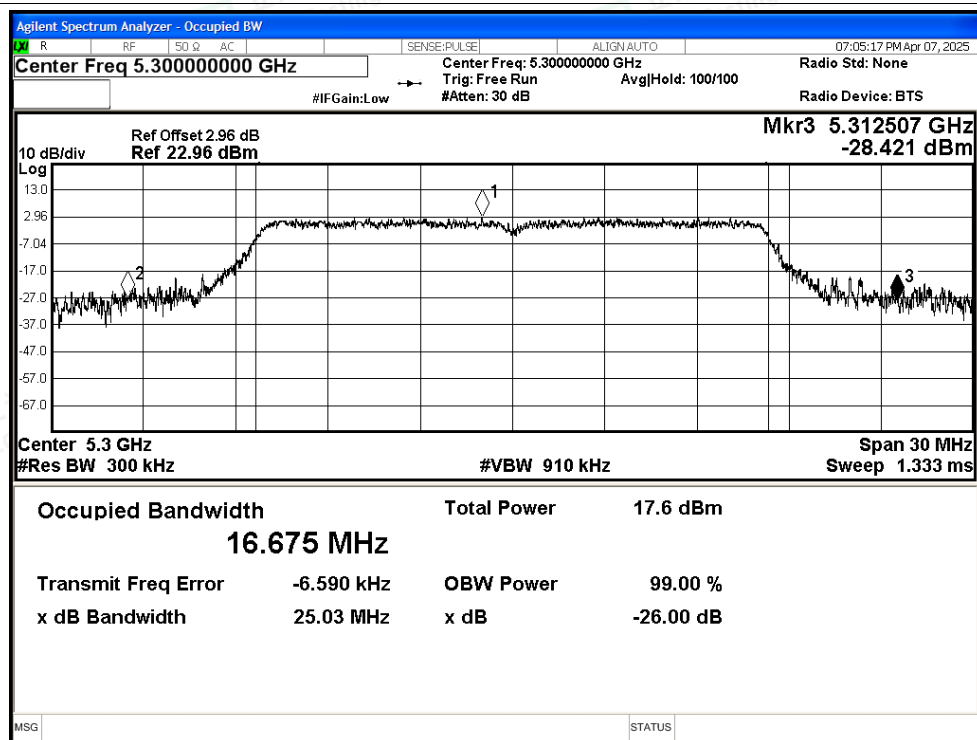


## Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5300MHz Ant1



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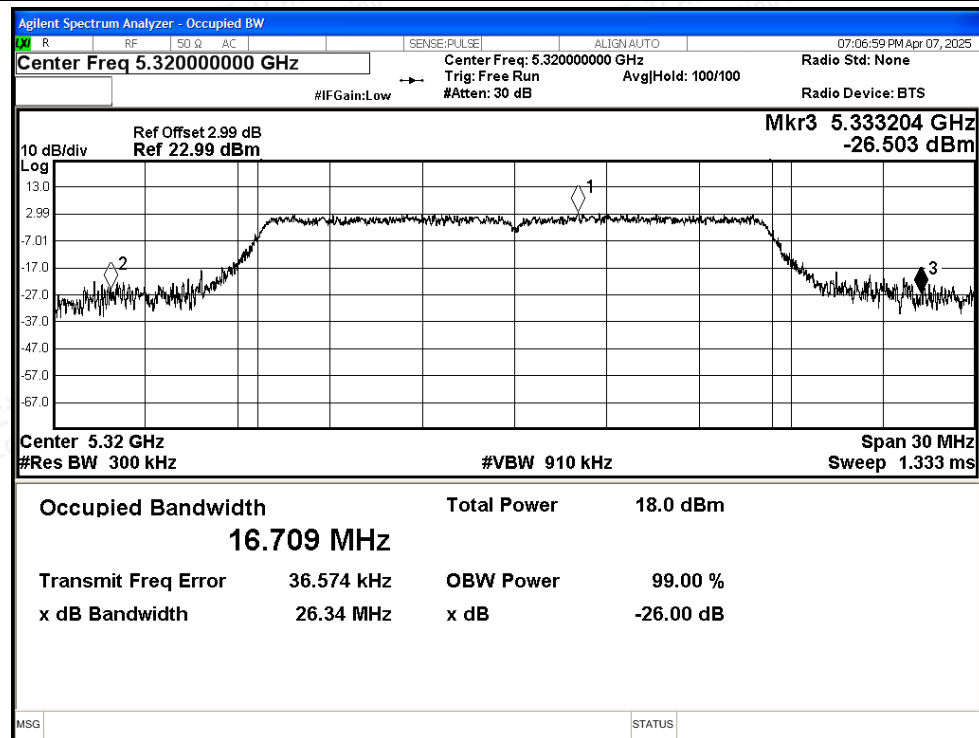
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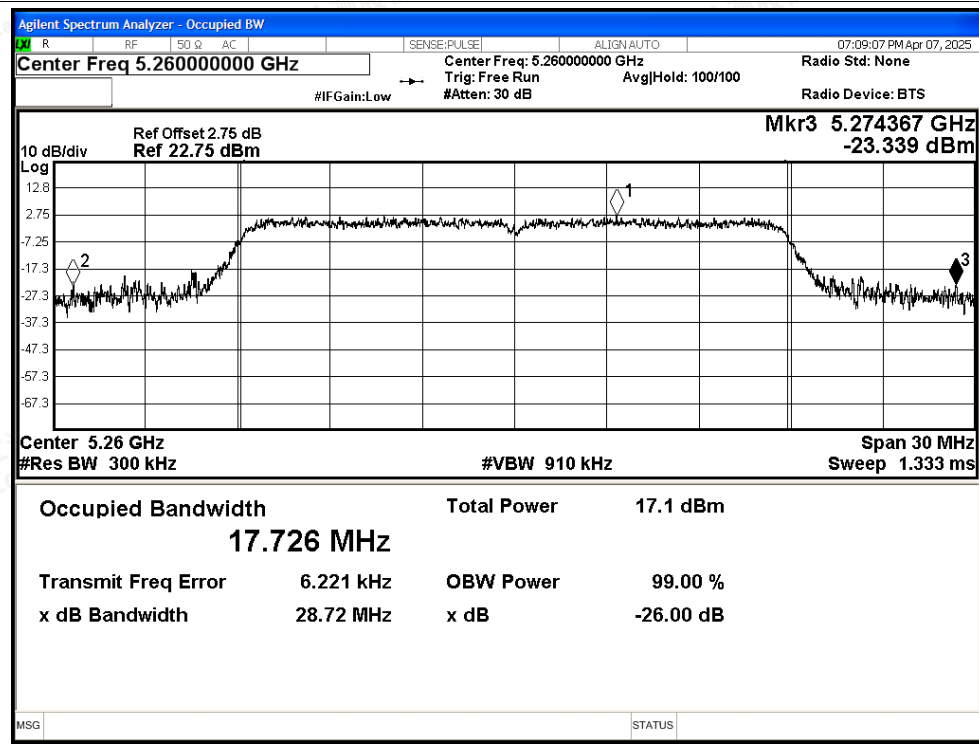
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## -26dB Bandwidth NVNT a 5320MHz Ant1



## -26dB Bandwidth NVNT n20 5260MHz Ant1



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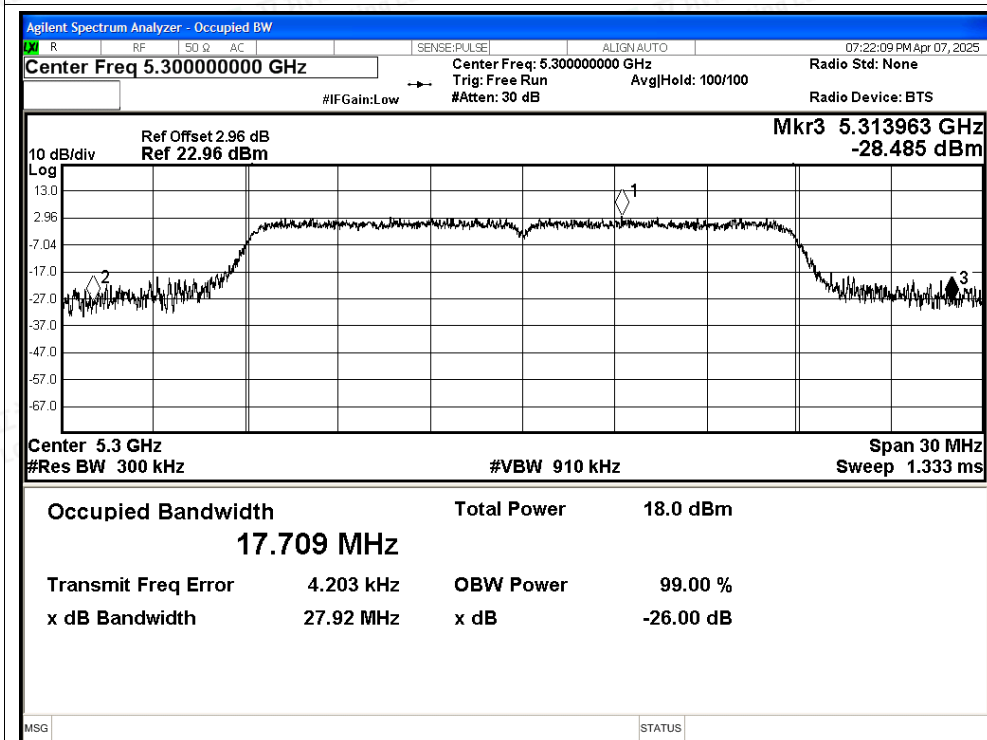
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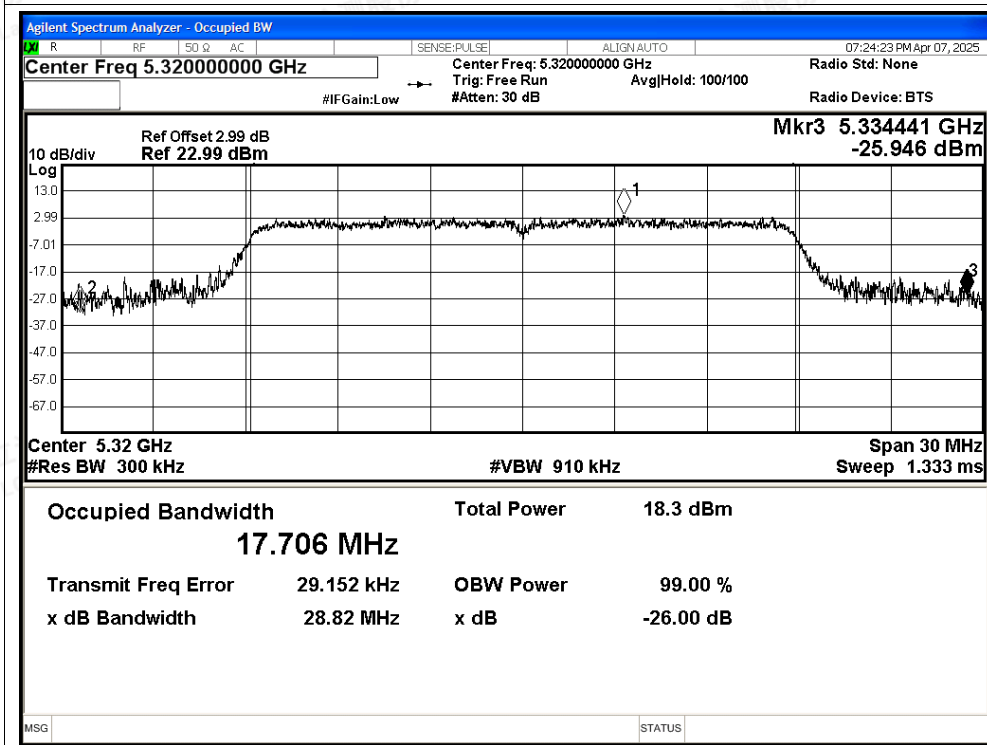
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-26dB Bandwidth NVNT n20 5300MHz Ant1



-26dB Bandwidth NVNT n20 5320MHz Ant1



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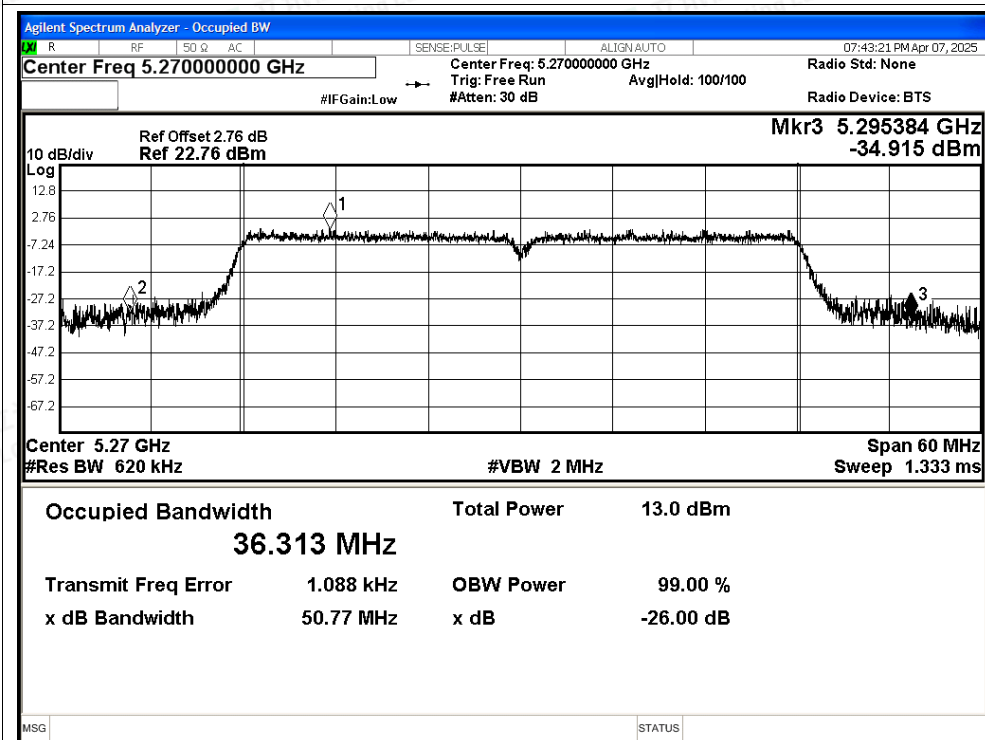
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

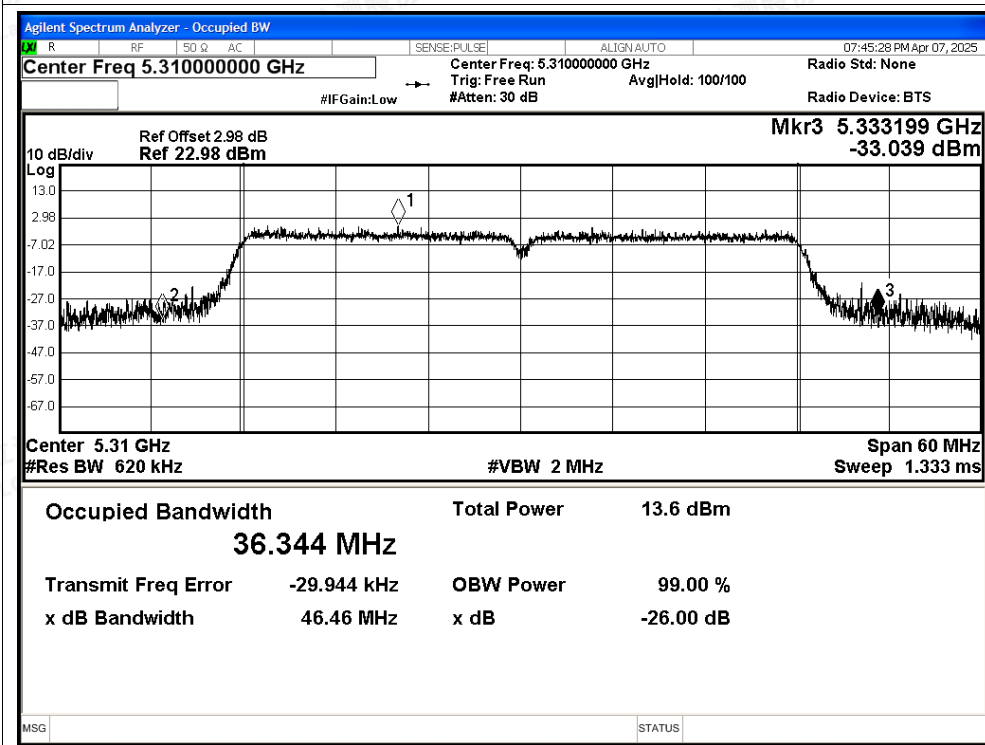
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## -26dB Bandwidth NVNT n40 5270MHz Ant1



## -26dB Bandwidth NVNT n40 5310MHz Ant1



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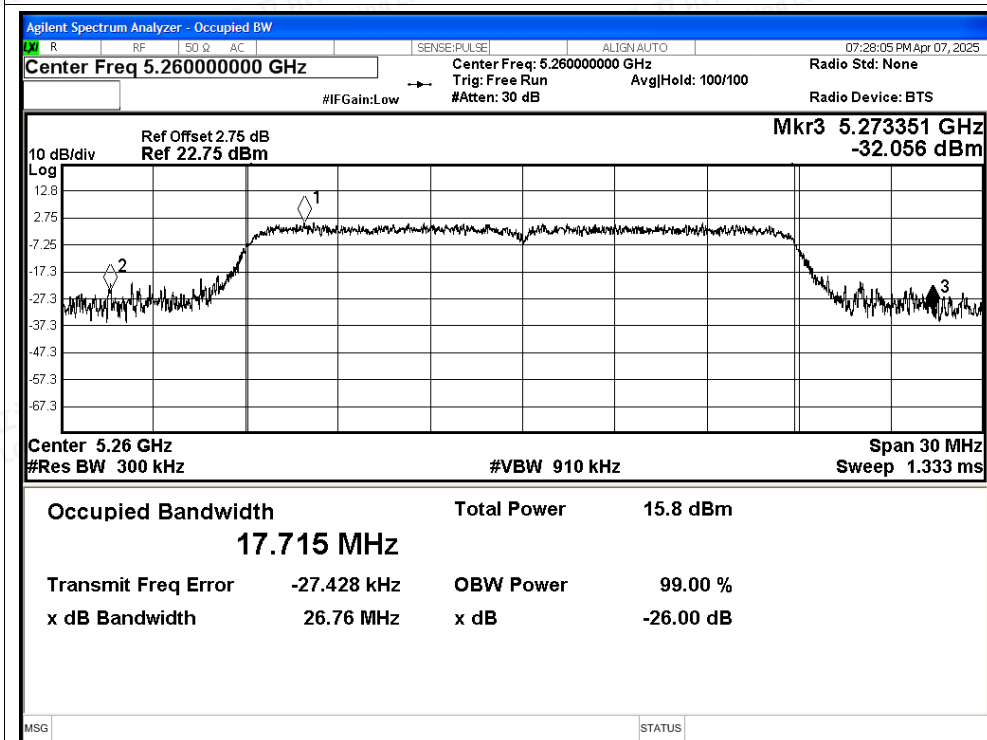
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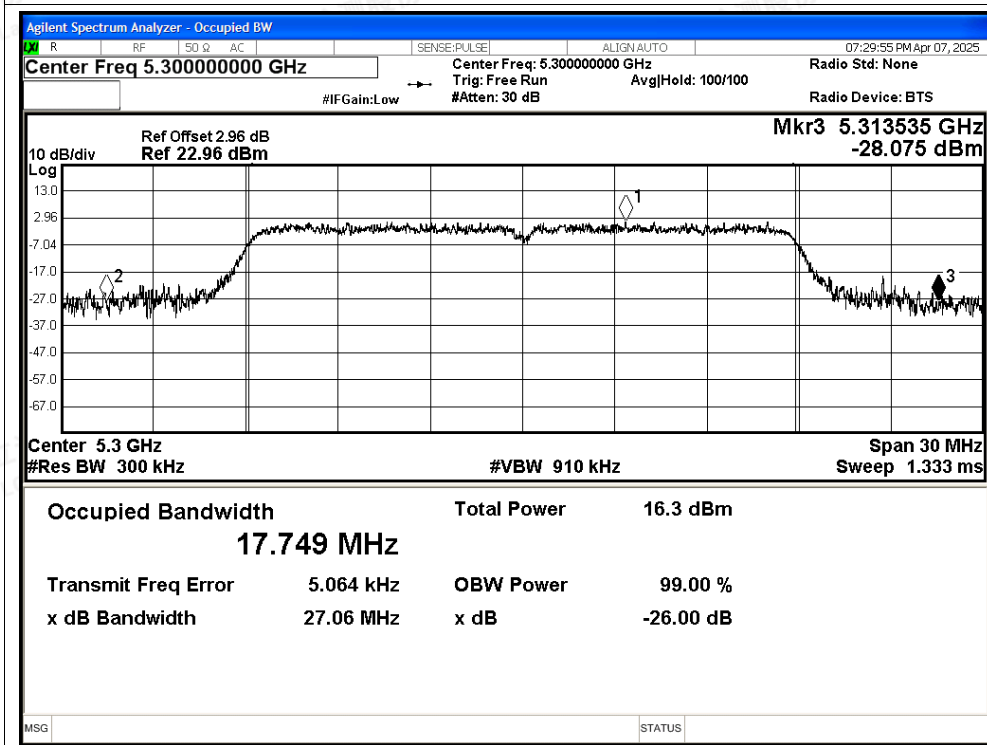
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## -26dB Bandwidth NVNT ac20 5260MHz Ant1



## -26dB Bandwidth NVNT ac20 5300MHz Ant1



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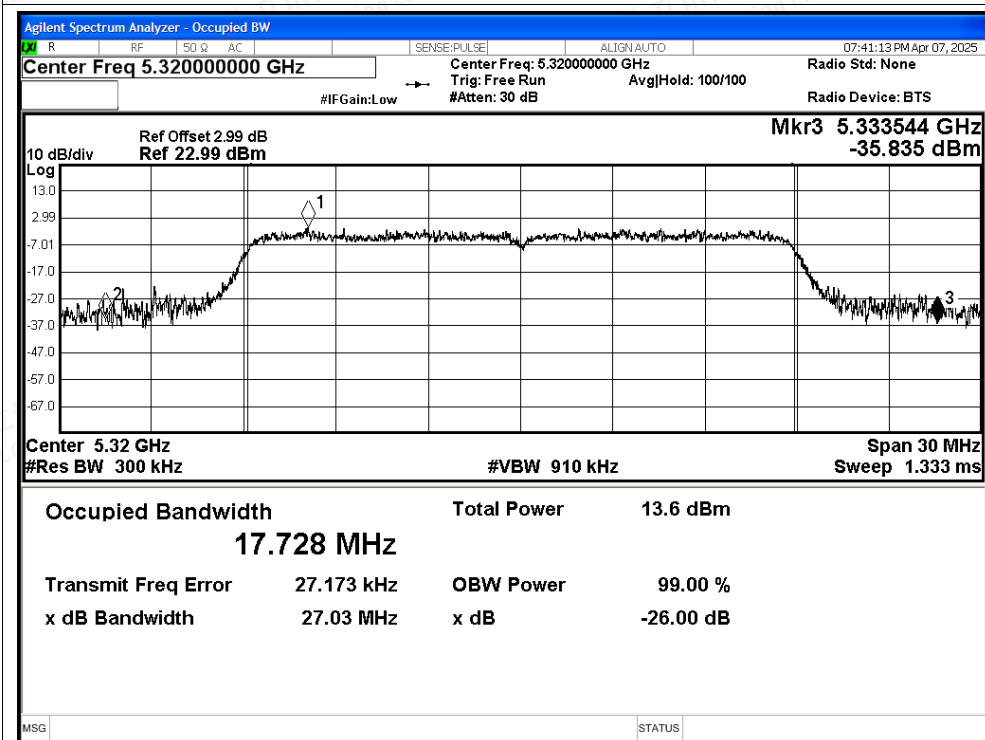
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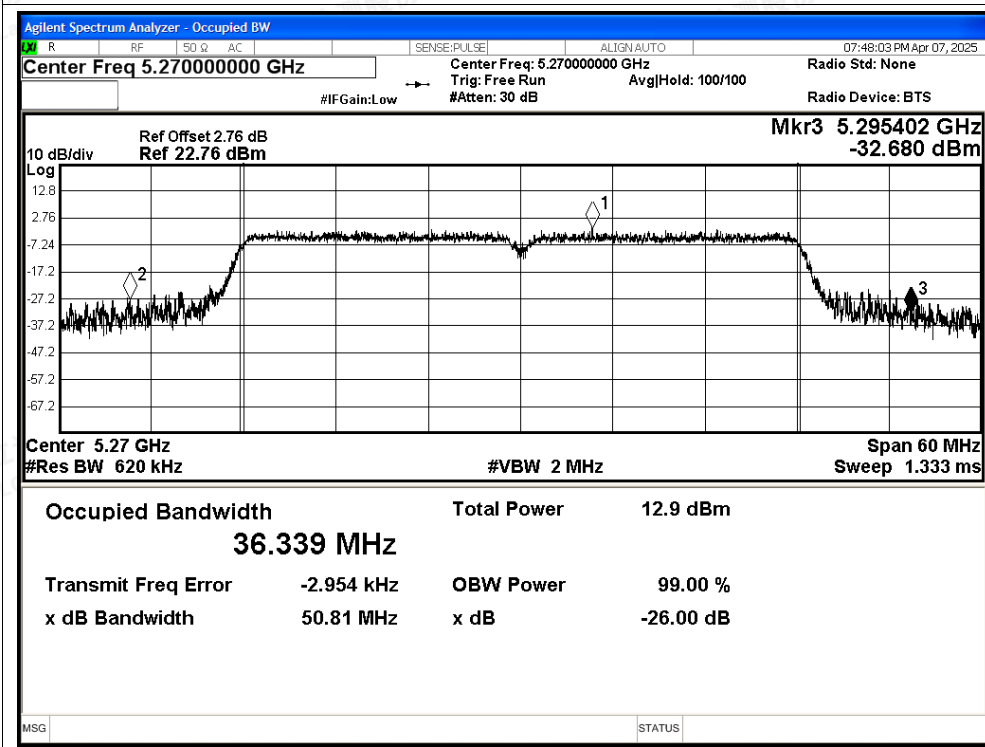
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-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1



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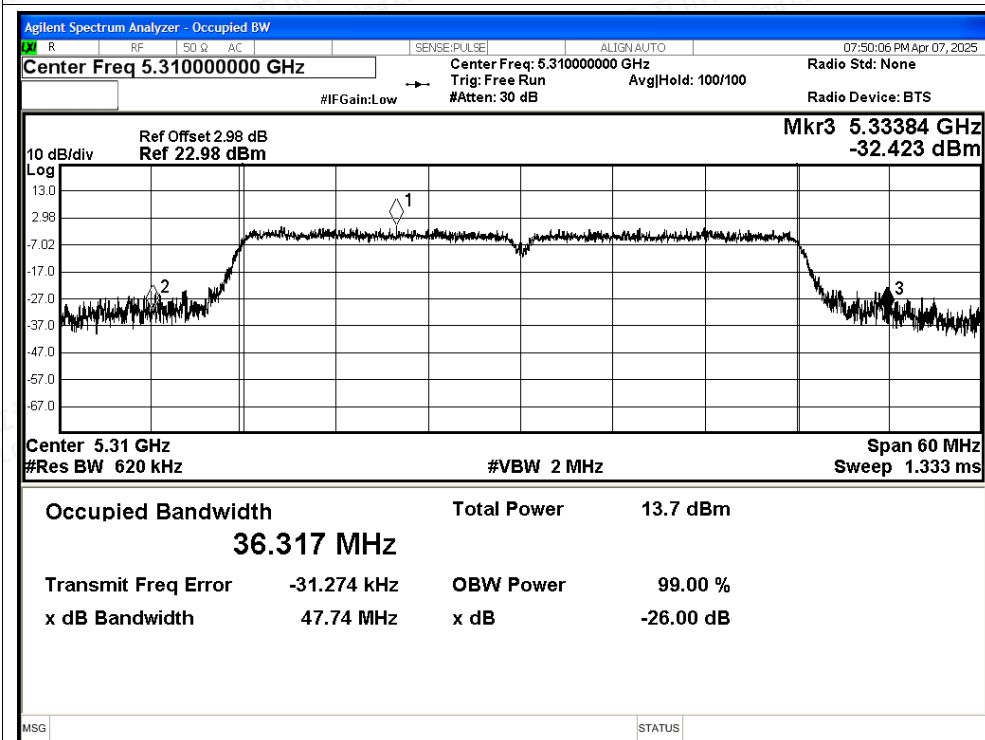
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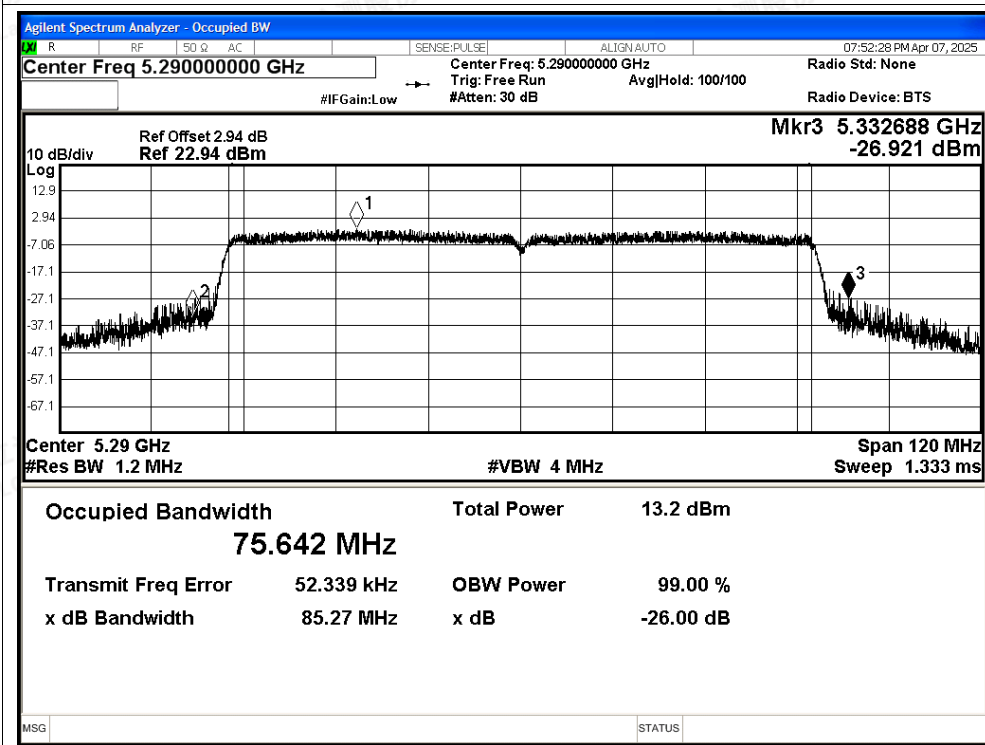
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## -26dB Bandwidth NVNT ac40 5310MHz Ant1



## -26dB Bandwidth NVNT ac80 5290MHz Ant1



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## E.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | 11.48                 | 0.24             | 11.72             | 24          | Pass    |
| NVNT      | a    | 5300            | Ant1    | 11.93                 | 0.24             | 12.17             | 24          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 12.37                 | 0.24             | 12.61             | 24          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 11.59                 | 0                | 11.59             | 24          | Pass    |
| NVNT      | n20  | 5300            | Ant1    | 12.44                 | 0                | 12.44             | 24          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 12.86                 | 0                | 12.86             | 24          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 6.68                  | 0.16             | 6.84              | 24          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 7.41                  | 0.16             | 7.57              | 24          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 10.21                 | 0                | 10.21             | 24          | Pass    |
| NVNT      | ac20 | 5300            | Ant1    | 10.83                 | 0                | 10.83             | 24          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 8.05                  | 0                | 8.05              | 24          | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | 6.76                  | 0.16             | 6.92              | 24          | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | 7.54                  | 0.16             | 7.7               | 24          | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | 6.4                   | 0.33             | 6.73              | 24          | Pass    |





### E.3 Maximum Power Spectral Density Level

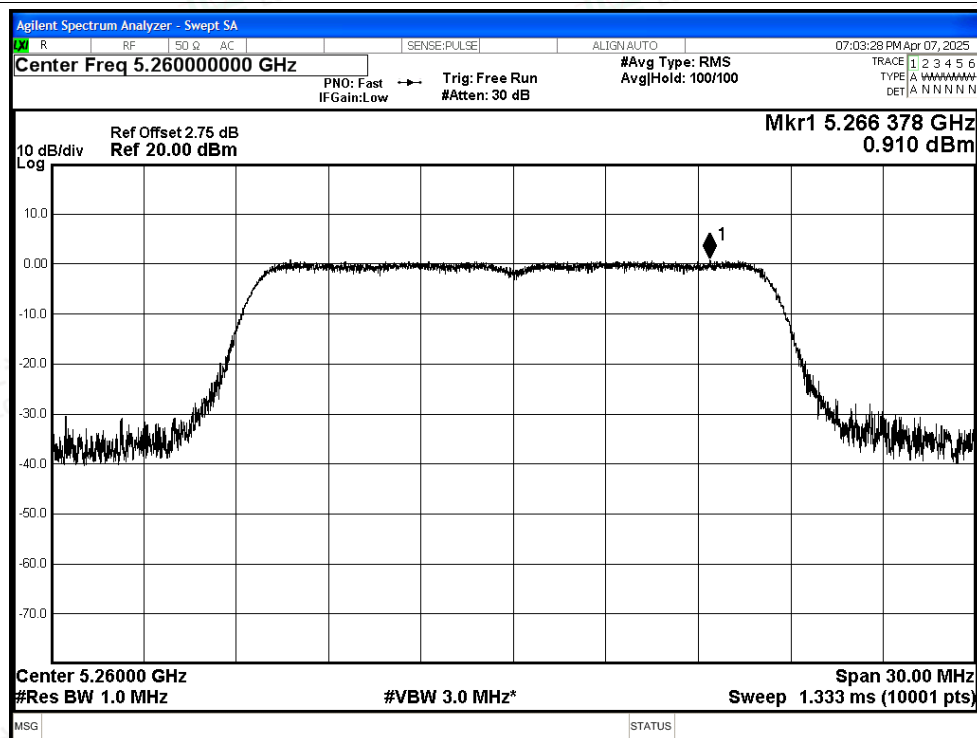
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a    | 5260            | Ant1    | 0.91                    | 0.24             | 1.15                | 11              | Pass    |
| NVNT      | a    | 5300            | Ant1    | 1.19                    | 0.24             | 1.43                | 11              | Pass    |
| NVNT      | a    | 5320            | Ant1    | 1.89                    | 0.24             | 2.13                | 11              | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 0.82                    | 0                | 0.82                | 11              | Pass    |
| NVNT      | n20  | 5300            | Ant1    | 2.06                    | 0                | 2.06                | 11              | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 2.05                    | 0                | 2.05                | 11              | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -6.66                   | 0.16             | -6.5                | 11              | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -6.08                   | 0.16             | -5.92               | 11              | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -0.62                   | 0                | -0.62               | 11              | Pass    |
| NVNT      | ac20 | 5300            | Ant1    | -0.07                   | 0                | -0.07               | 11              | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -2.82                   | 0                | -2.82               | 11              | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -7.05                   | 0.16             | -6.89               | 11              | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -6                      | 0.16             | -5.84               | 11              | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | -10.06                  | 0.33             | -9.73               | 11              | Pass    |



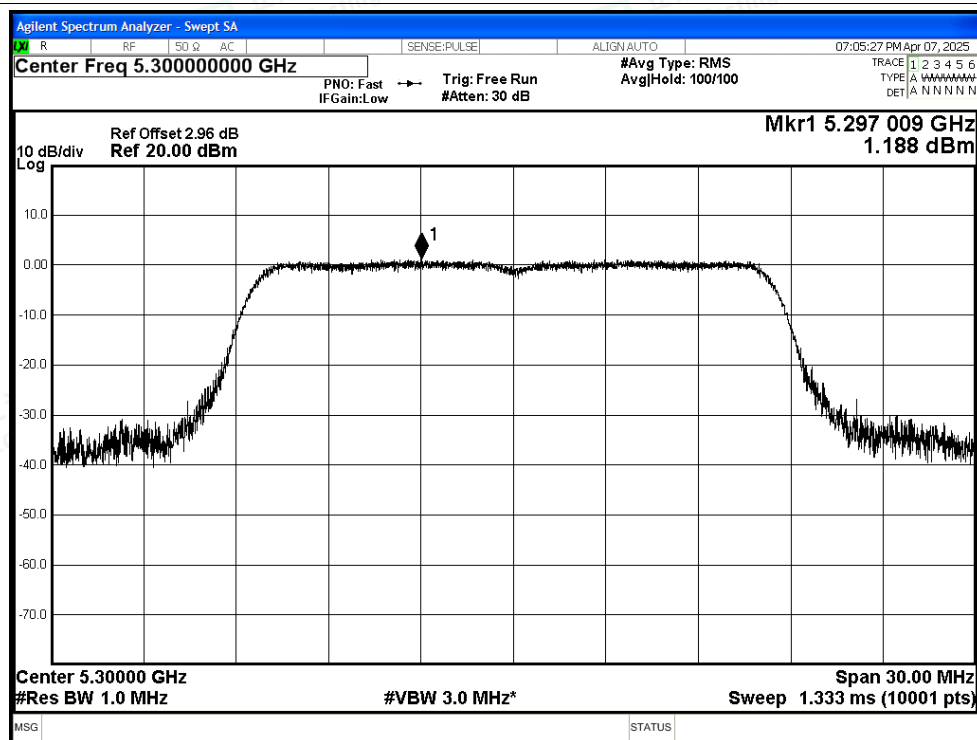


## Test Graphs

PSD NVNT a 5260MHz Ant1



PSD NVNT a 5300MHz Ant1



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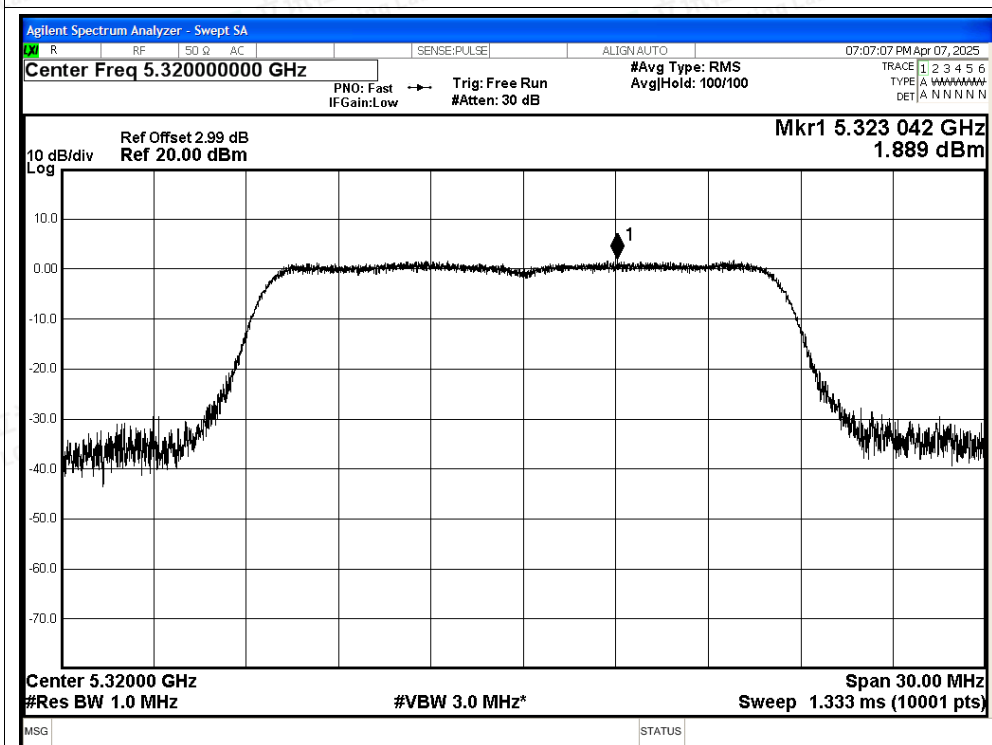
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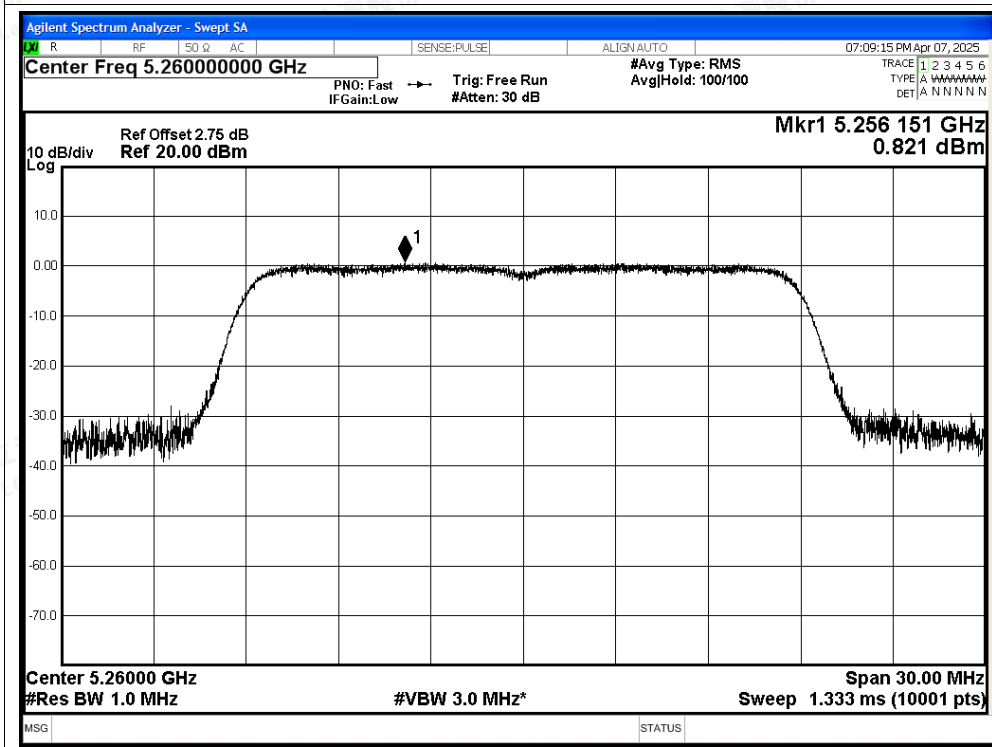
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PSD NVNT a 5320MHz Ant1



PSD NVNT n20 5260MHz Ant1

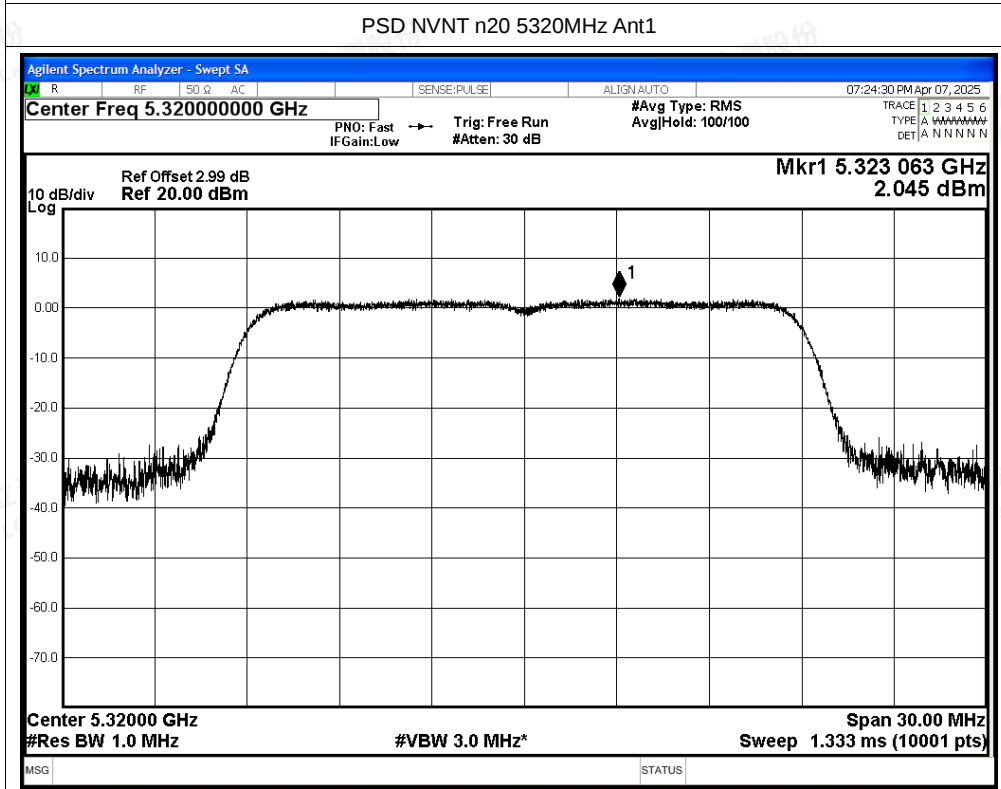
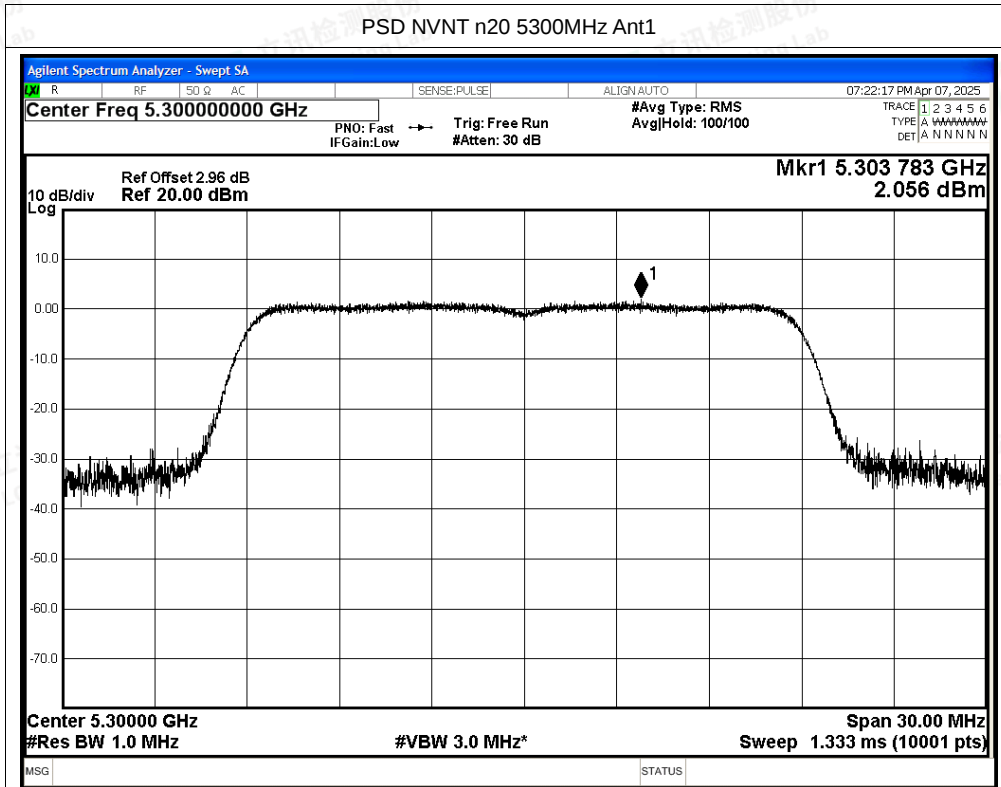


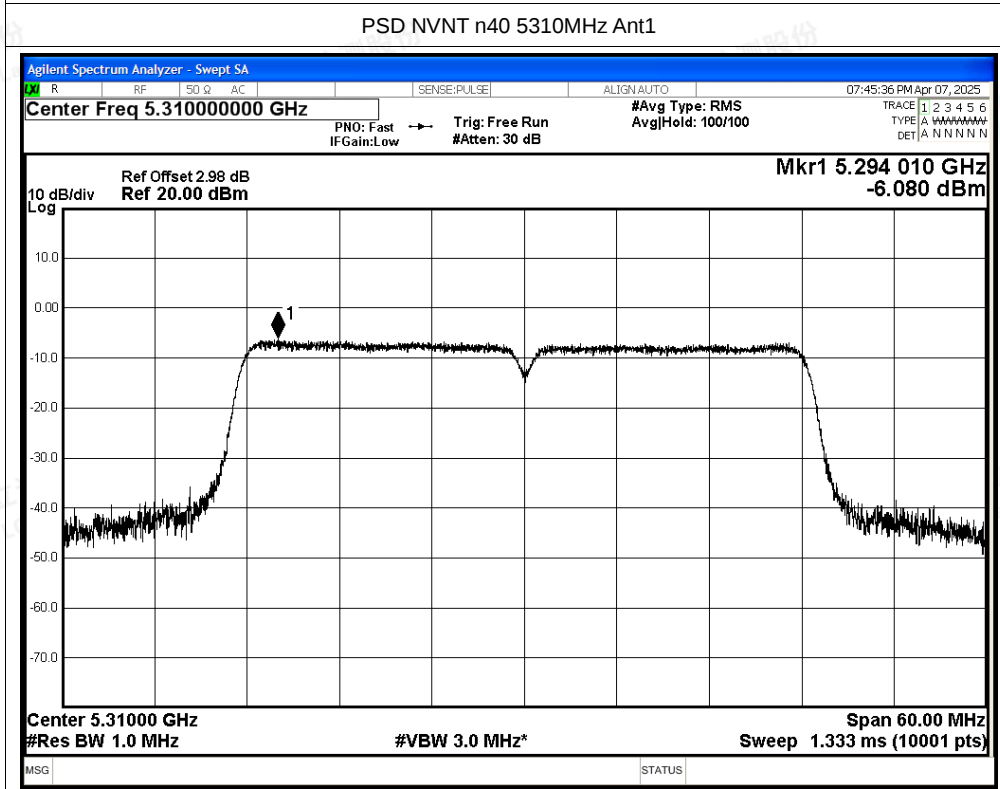
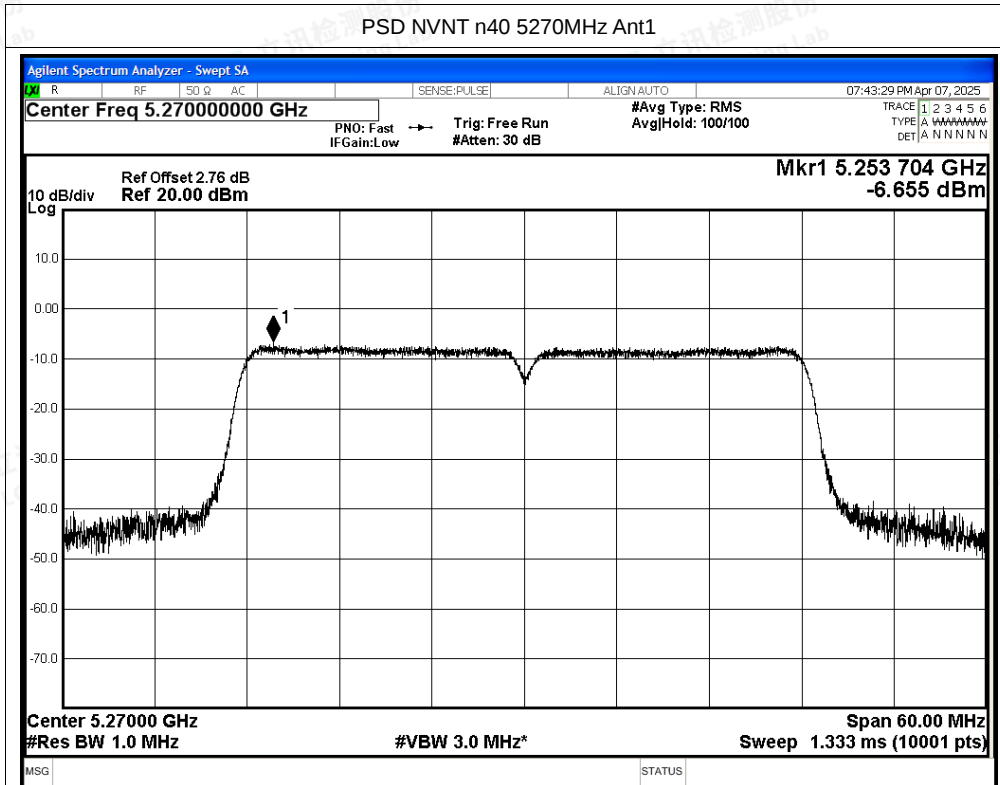
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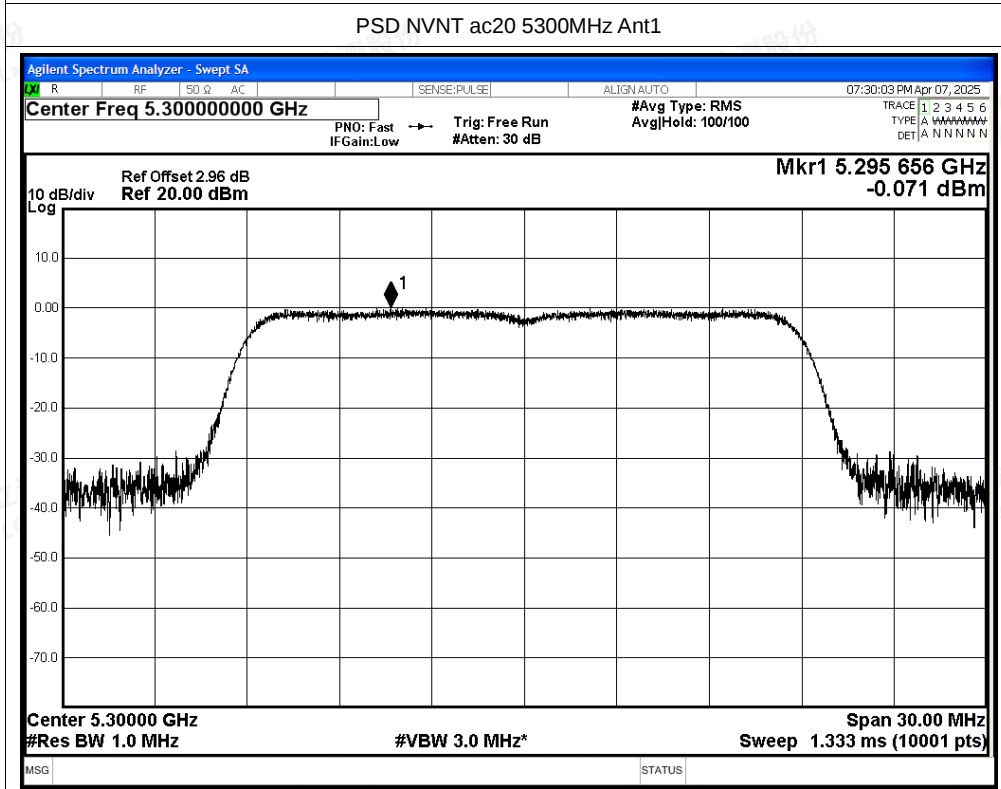
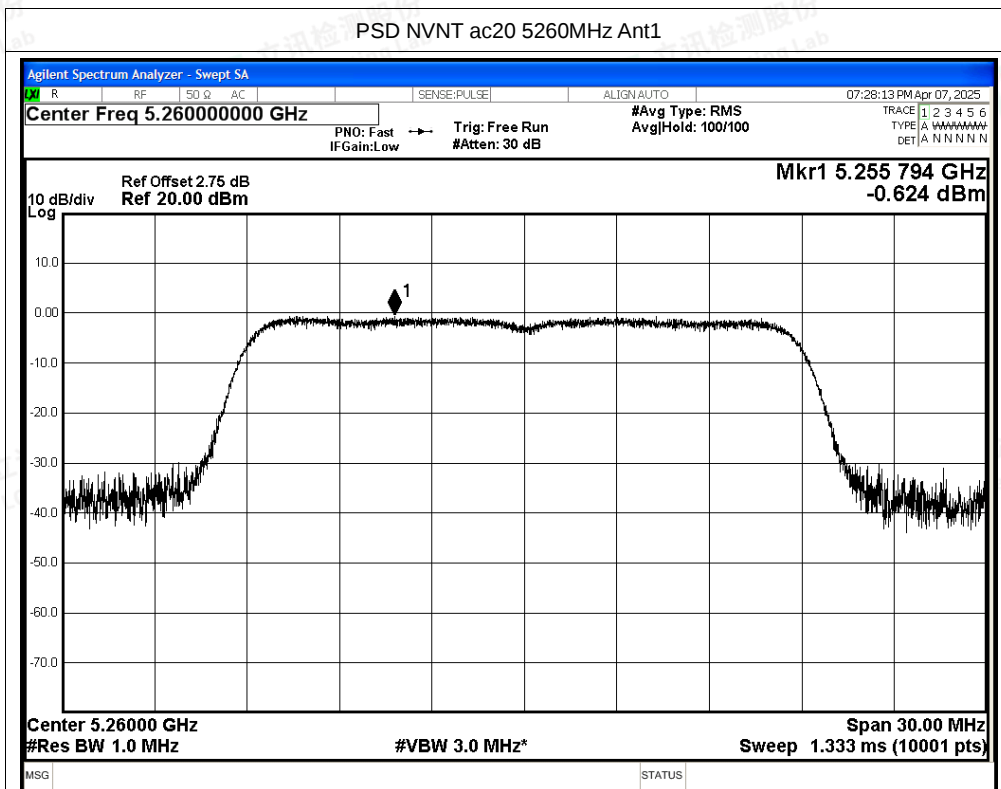
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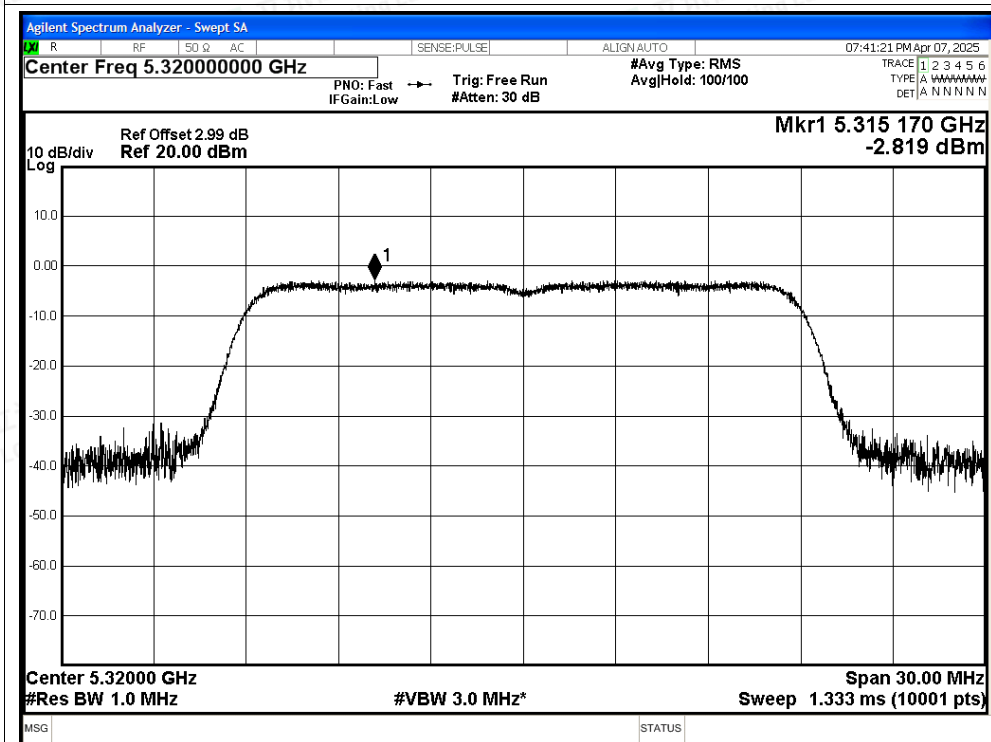




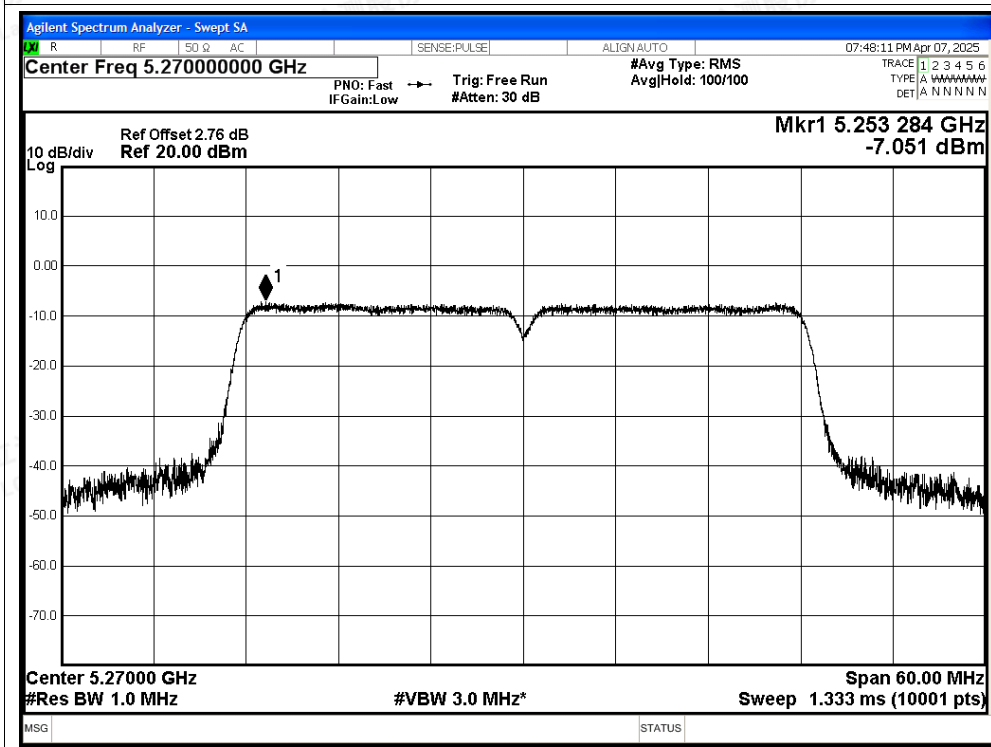


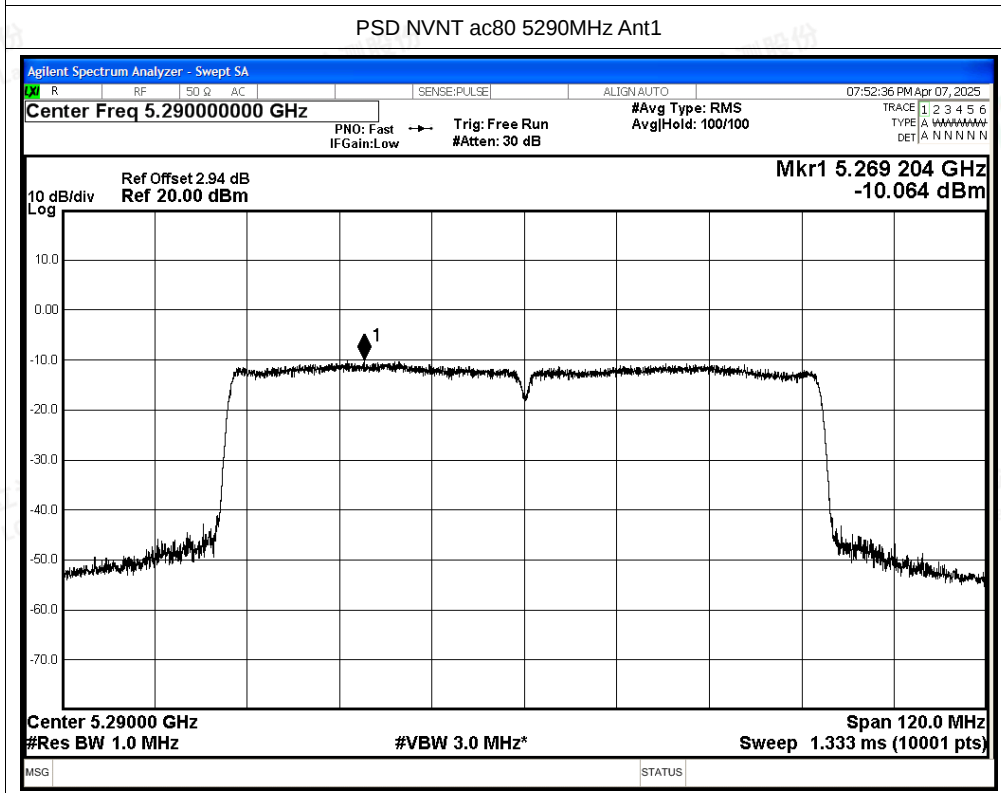
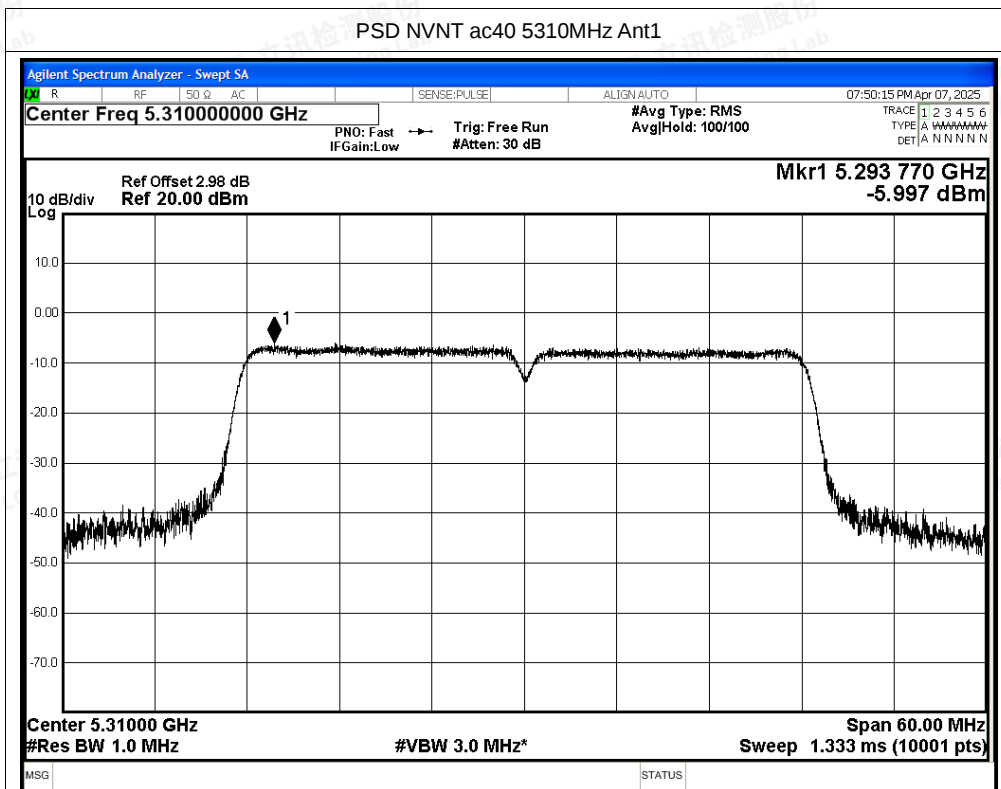


## PSD NVNT ac20 5320MHz Ant1



## PSD NVNT ac40 5270MHz Ant1





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## E.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    | 5260            | Ant1    | 4500            | -52.24      | 2.57       | -                | 45.56      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant1    | 4500            | -58.83      | 2.57       | 0.24             | 39.21      | Average  | 54             | Pass    |
| NVNT      | a    | 5260            | Ant1    | 5149.74         | -45.5       | 2.57       | -                | 52.30      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant1    | 4786.26         | -55.81      | 2.57       | 0.24             | 42.23      | Average  | 54             | Pass    |
| NVNT      | a    | 5260            | Ant1    | 5150            | -45.5       | 2.57       | -                | 52.30      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant1    | 5150            | -56.52      | 2.57       | 0.24             | 41.52      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5350            | -40.29      | 2.57       | -                | 57.51      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5350            | -51.08      | 2.57       | 0.24             | 46.96      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5351.2          | -31.58      | 2.57       | -                | 66.22      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5350.2          | -50.98      | 2.57       | 0.24             | 47.06      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5460            | -50.36      | 2.57       | -                | 47.44      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5460            | -58.37      | 2.57       | 0.24             | 39.67      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 4500            | -51.51      | 2.57       | -                | 46.29      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 4500            | -59.04      | 2.57       | 0                | 38.76      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 4735.56         | -46.58      | 2.57       | -                | 51.22      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 4787.04         | -55.57      | 2.57       | 0                | 42.23      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 5150            | -48.63      | 2.57       | -                | 49.17      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 5150            | -57.58      | 2.57       | 0                | 40.22      | Average  | 54             | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5350            | -36.94      | 2.57       | -                | 60.86      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5350            | -47.54      | 2.57       | 0                | 50.26      | Average  | 54             | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5352            | -33.09      | 2.57       | -                | 64.71      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5460            | -49.89      | 2.57       | -                | 47.91      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5460            | -58.16      | 2.57       | 0                | 39.64      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 4500            | -50.9       | 2.57       | -                | 46.90      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 4500            | -58.92      | 2.57       | 0.16             | 39.04      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 4805.37         | -45.57      | 2.57       | -                | 52.23      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 4806.99         | -54.68      | 2.57       | 0.16             | 43.28      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 5150            | -49.3       | 2.57       | -                | 48.50      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 5150            | -57.49      | 2.57       | 0.16             | 40.47      | Average  | 54             | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 5350            | -38.26      | 2.57       | -                | 59.54      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 5350            | -51.26      | 2.57       | 0.16             | 46.70      | Average  | 54             | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 5460            | -48.33      | 2.57       | -                | 49.47      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 5460            | -58.31      | 2.57       | 0.16             | 39.65      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 4500            | -51.44      | 2.57       | -                | 46.36      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 4500            | -59.45      | 2.57       | 0                | 38.35      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 4773.78         | -46.41      | 2.57       | -                | 51.39      | Peak     | 68.2           | Pass    |





|      |      |      |      |         |        |      |      |       |         |      |      |
|------|------|------|------|---------|--------|------|------|-------|---------|------|------|
| NVNT | ac20 | 5260 | Ant1 | 4787.82 | -56.05 | 2.57 | 0    | 41.75 | Average | 54   | Pass |
| NVNT | ac20 | 5260 | Ant1 | 5150    | -47.99 | 2.57 | -    | 49.81 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5260 | Ant1 | 5150    | -57.01 | 2.57 | 0    | 40.79 | Average | 54   | Pass |
| NVNT | ac20 | 5320 | Ant1 | 5350    | -35.96 | 2.57 | -    | 61.84 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 5350    | -49.77 | 2.57 | 0    | 48.03 | Average | 54   | Pass |
| NVNT | ac20 | 5320 | Ant1 | 5350.8  | -34.28 | 2.57 | -    | 63.52 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 5460    | -49.85 | 2.57 | -    | 47.95 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 5460    | -57.75 | 2.57 | 0    | 40.05 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant1 | 4500    | -50.24 | 2.57 | -    | 47.56 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 4500    | -59.04 | 2.57 | 0.16 | 38.92 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant1 | 4806.99 | -45.61 | 2.57 | -    | 52.19 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 4806.18 | -54.98 | 2.57 | 0.16 | 42.98 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant1 | 5150    | -48.68 | 2.57 | -    | 49.12 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 5150    | -57.97 | 2.57 | 0.16 | 39.99 | Average | 54   | Pass |
| NVNT | ac40 | 5310 | Ant1 | 5350    | -38.24 | 2.57 | -    | 59.56 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 5350    | -50.48 | 2.57 | 0.16 | 47.48 | Average | 54   | Pass |
| NVNT | ac40 | 5310 | Ant1 | 5460    | -50.42 | 2.57 | -    | 47.38 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 5460    | -58.05 | 2.57 | 0.16 | 39.91 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 4500    | -51    | 2.57 | -    | 46.80 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 4500    | -58.69 | 2.57 | 0.33 | 39.44 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5149.02 | -46.28 | 2.57 | -    | 51.52 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5149.02 | -56.49 | 2.57 | 0.33 | 41.64 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5150    | -47.72 | 2.57 | -    | 50.08 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5150    | -57.36 | 2.57 | 0.33 | 40.77 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5350    | -46    | 2.57 | -    | 51.80 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5350    | -54.36 | 2.57 | 0.33 | 43.77 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5351.75 | -41.51 | 2.57 | -    | 56.29 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5353    | -53.56 | 2.57 | 0.33 | 44.57 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5460    | -49.66 | 2.57 | -    | 48.14 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5460    | -57.77 | 2.57 | 0.33 | 40.36 | Average | 54   | Pass |



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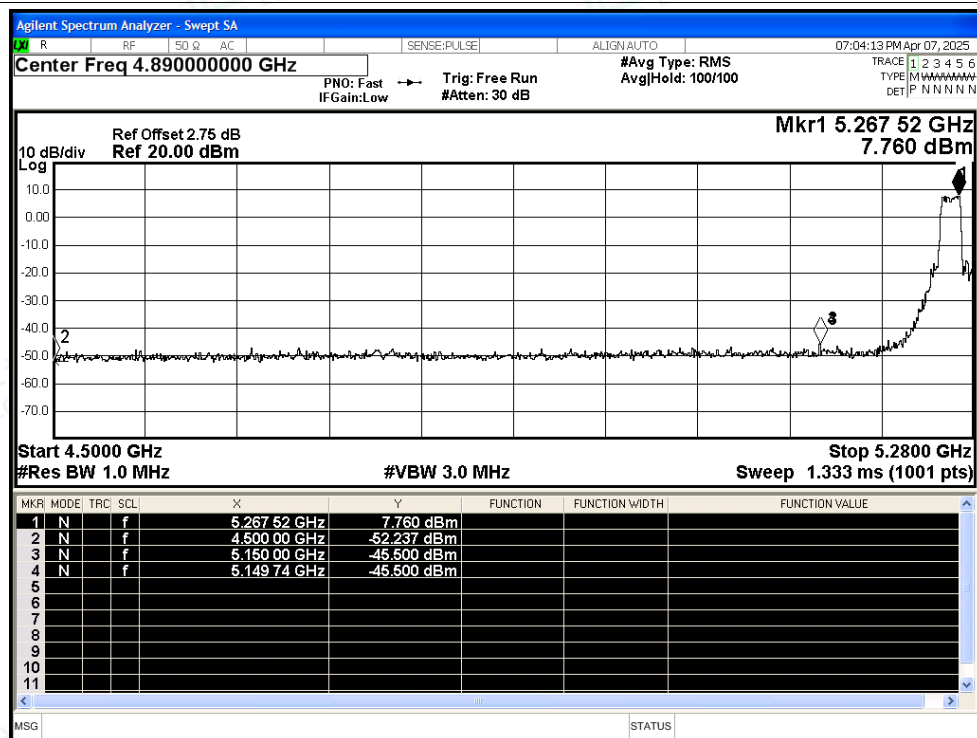
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

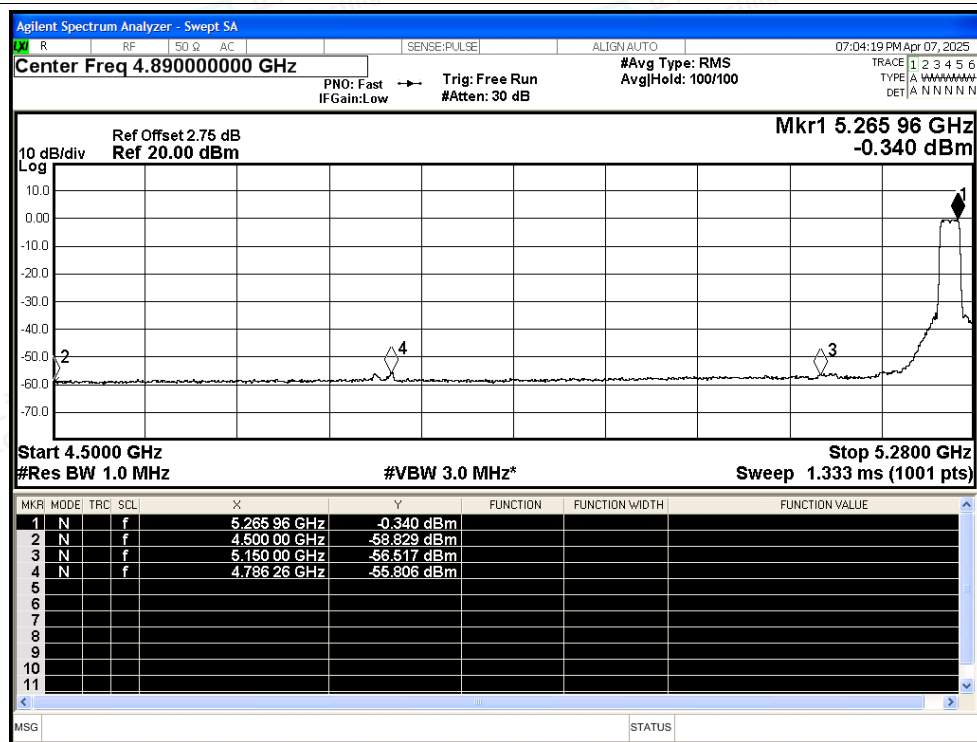


## Test Graphs

## Restrict Band NVNT a 5260MHz Ant1 Peak



## Restrict Band NVNT a 5260MHz Ant1 Average



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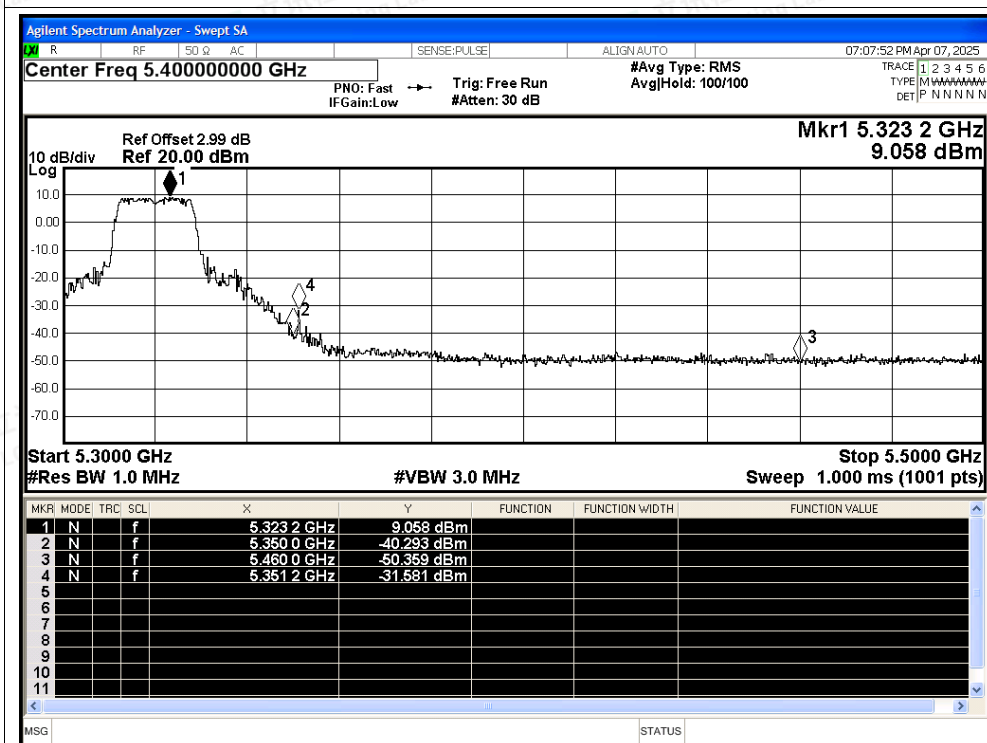
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

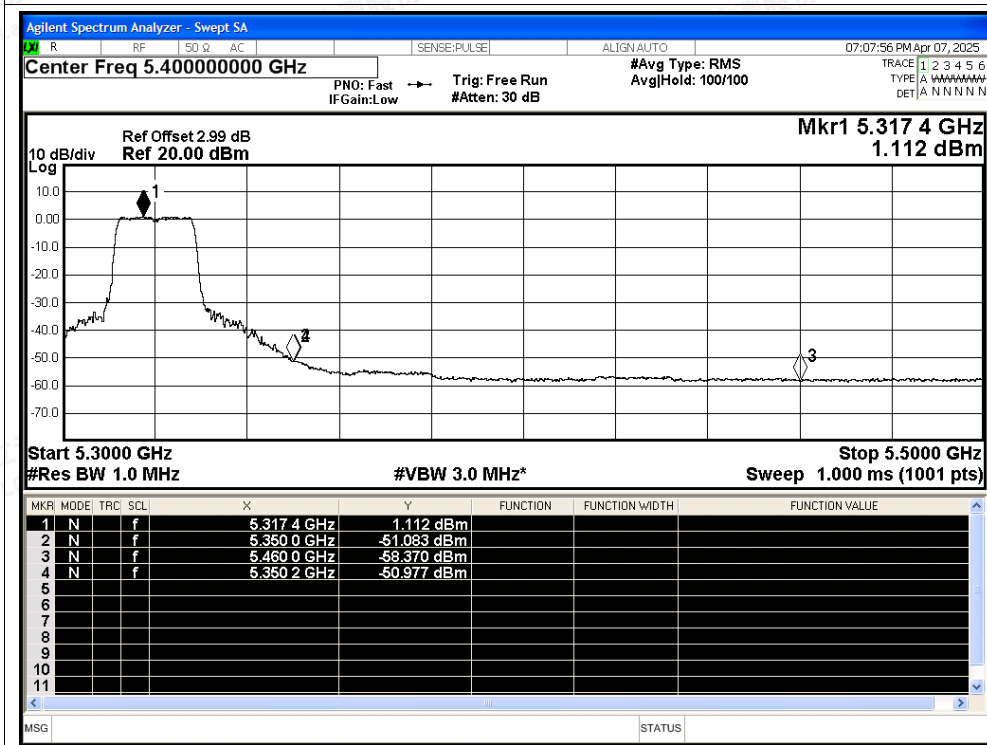
Scan code to check authenticity



## Restrict Band NVNT a 5320MHz Ant1 Peak



## Restrict Band NVNT a 5320MHz Ant1 Average

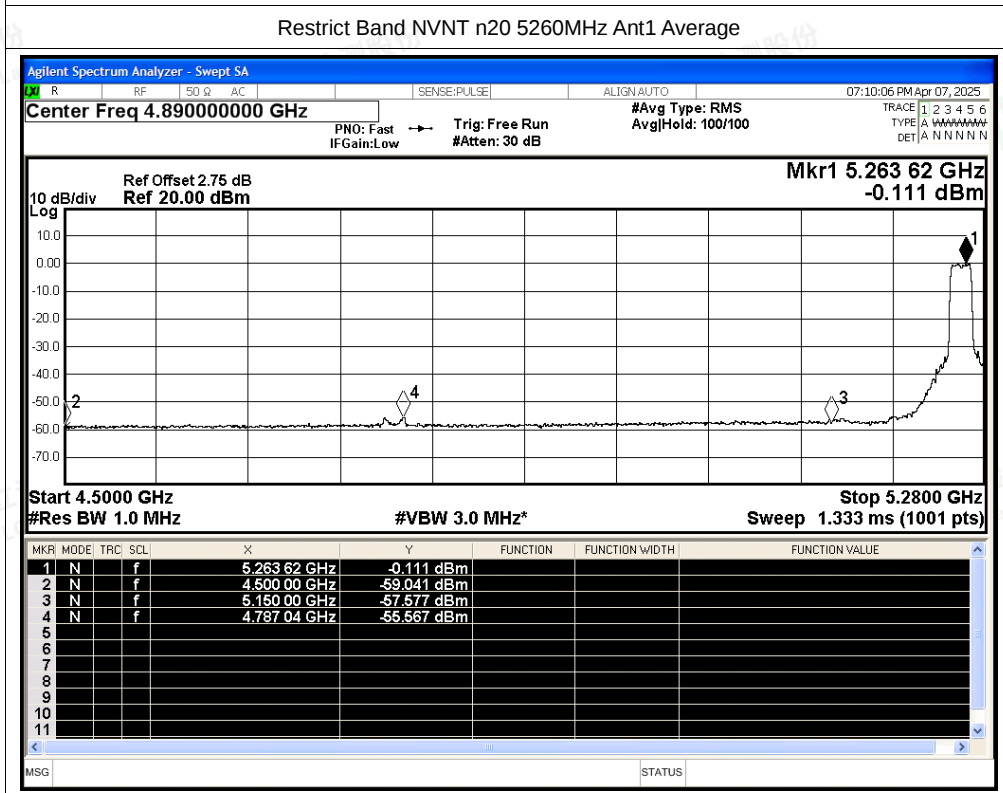
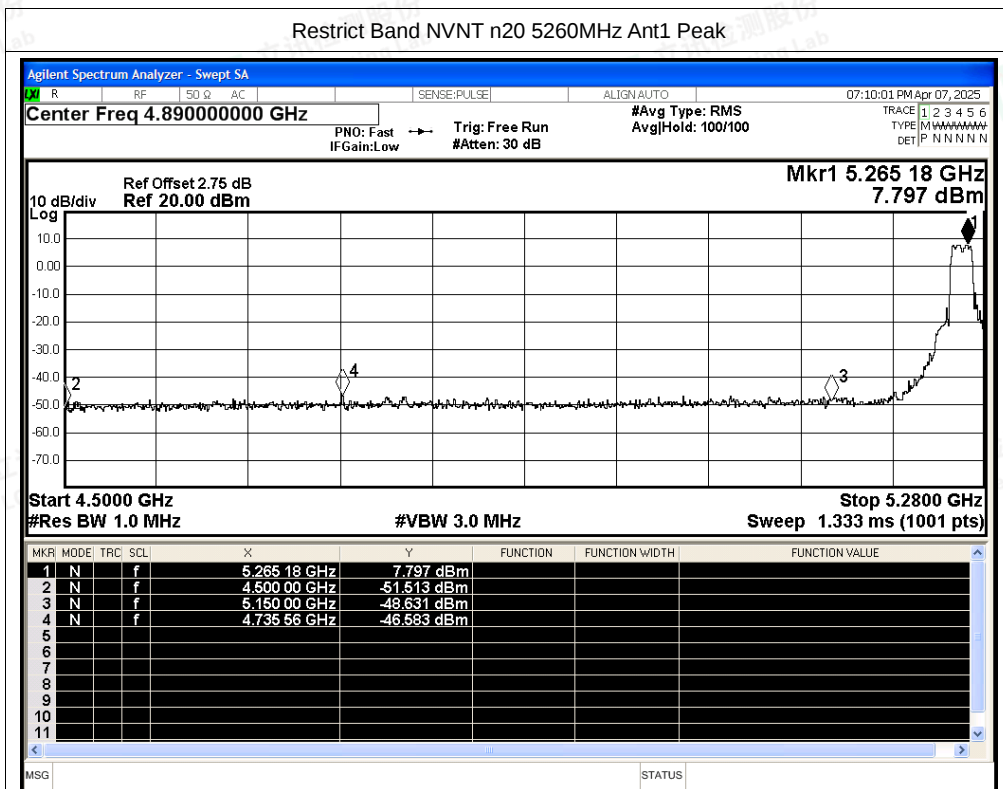


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Shenzhen LCS Compliance Testing Laboratory Ltd.

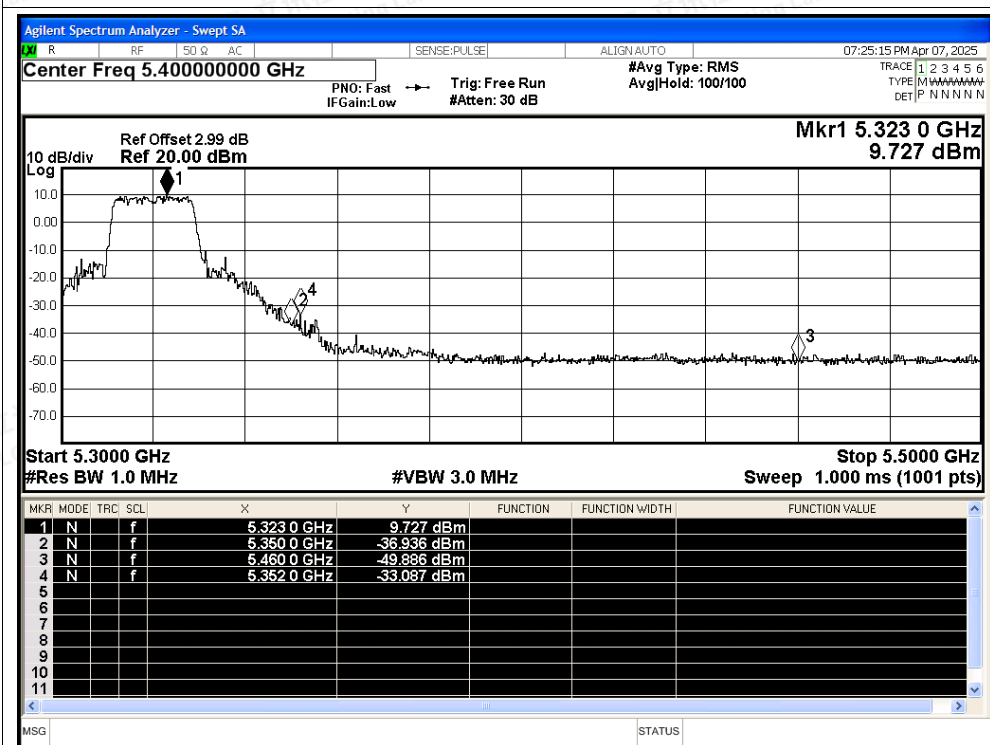
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

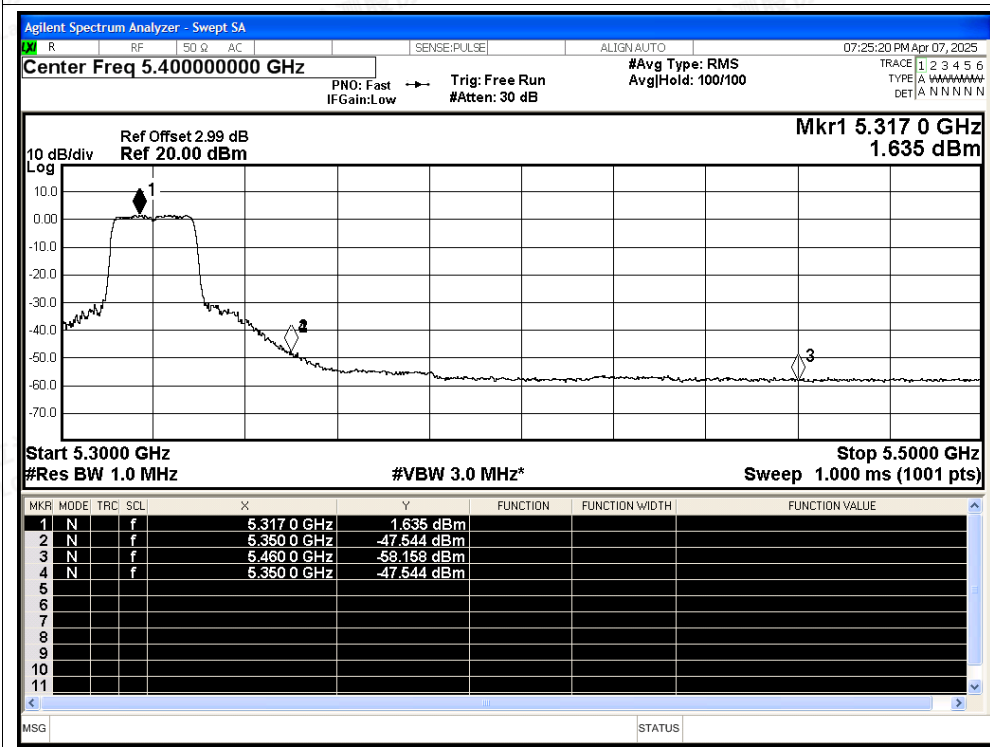
Scan code to check authenticity



## Restrict Band NVNT n20 5320MHz Ant1 Peak



## Restrict Band NVNT n20 5320MHz Ant1 Average

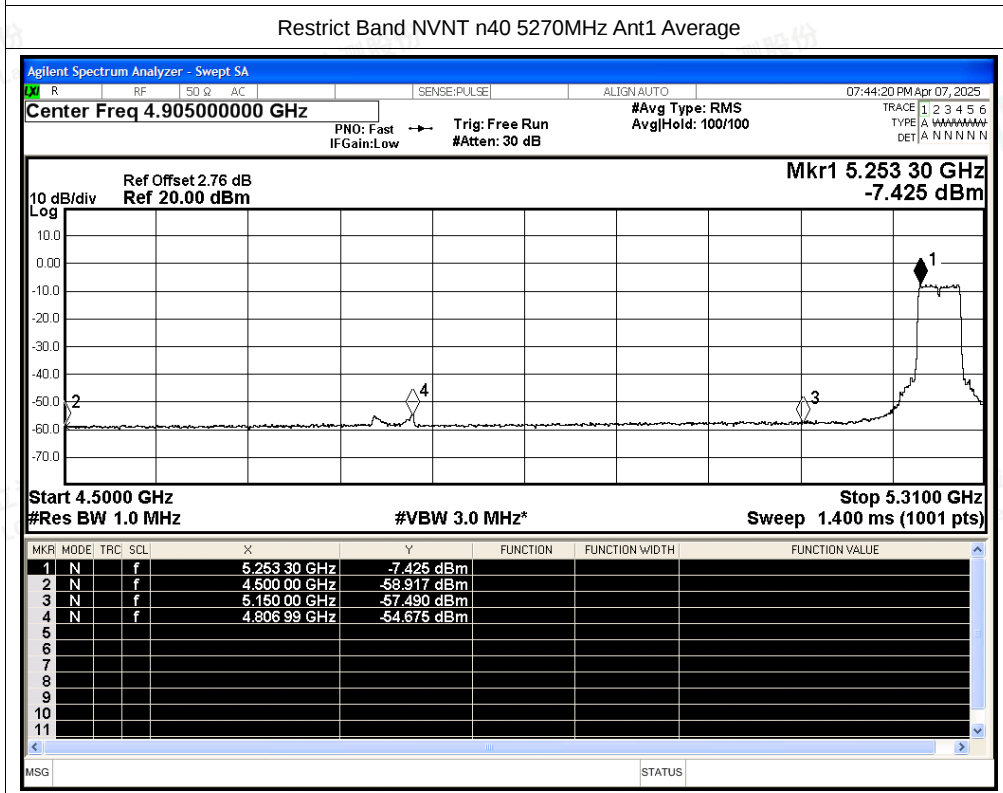
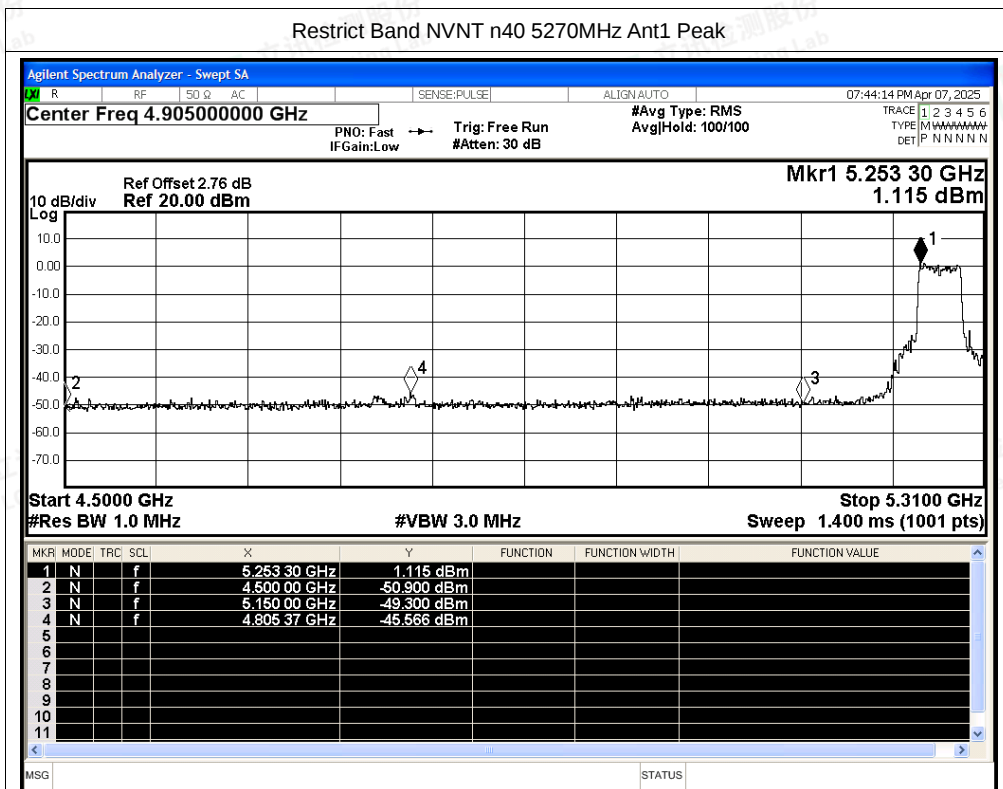


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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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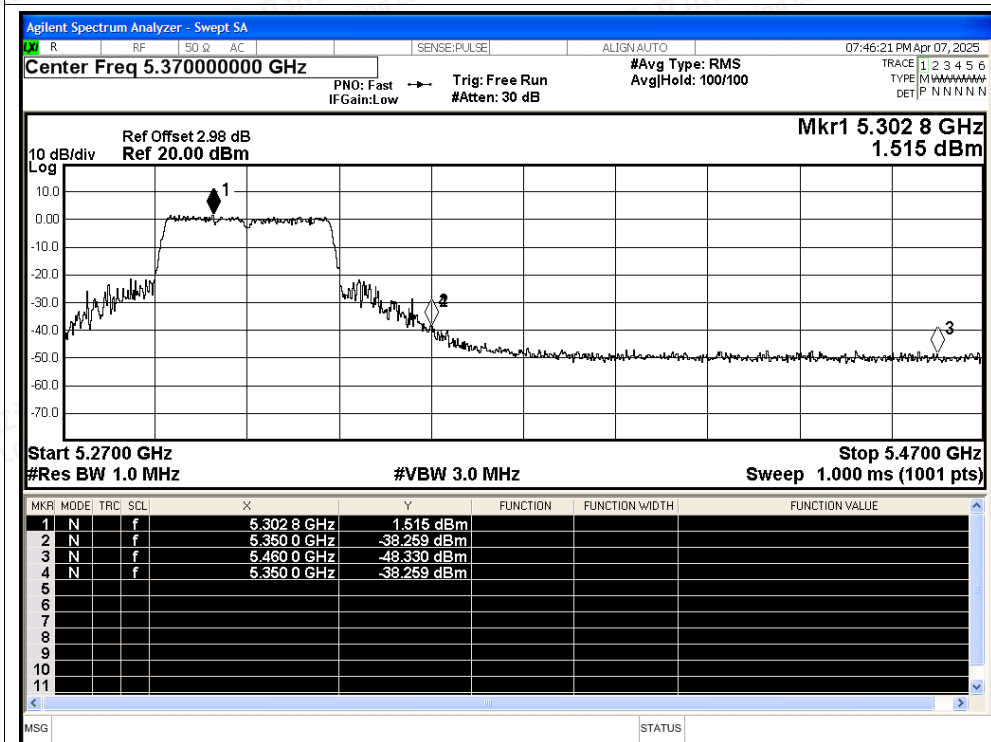
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

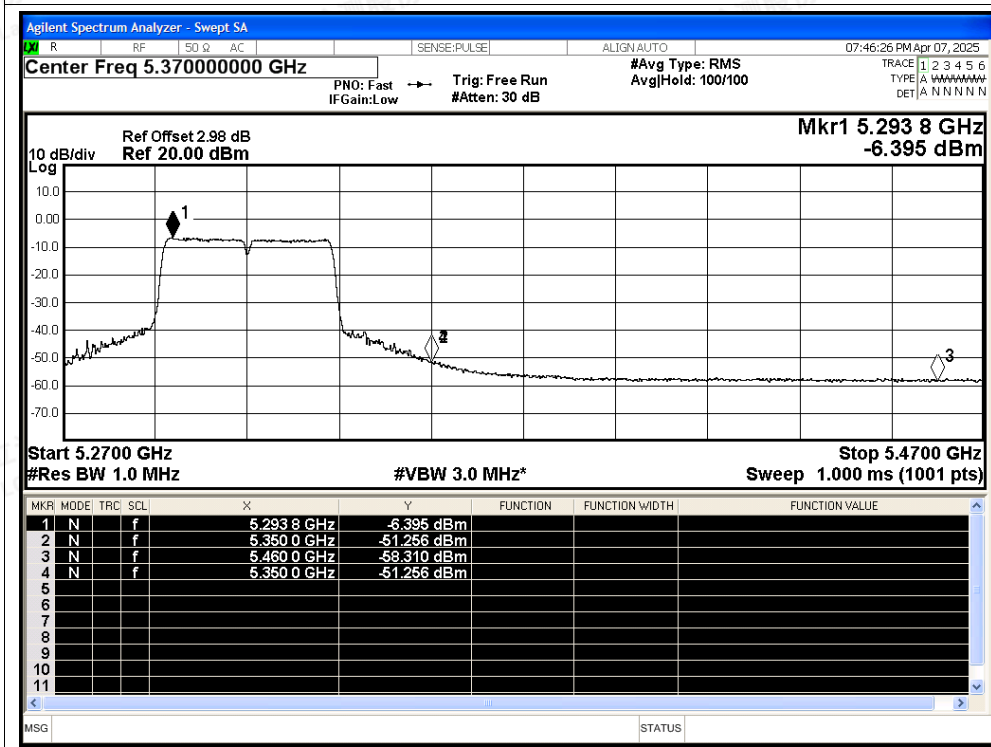
Scan code to check authenticity



## Restrict Band NVNT n40 5310MHz Ant1 Peak



## Restrict Band NVNT n40 5310MHz Ant1 Average



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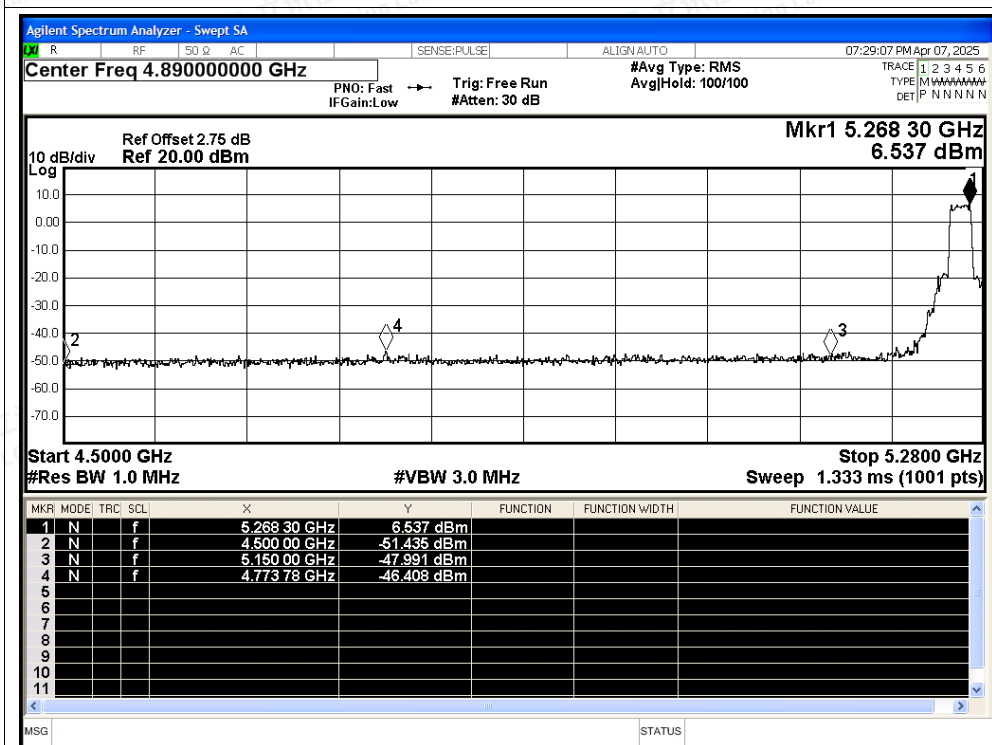
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

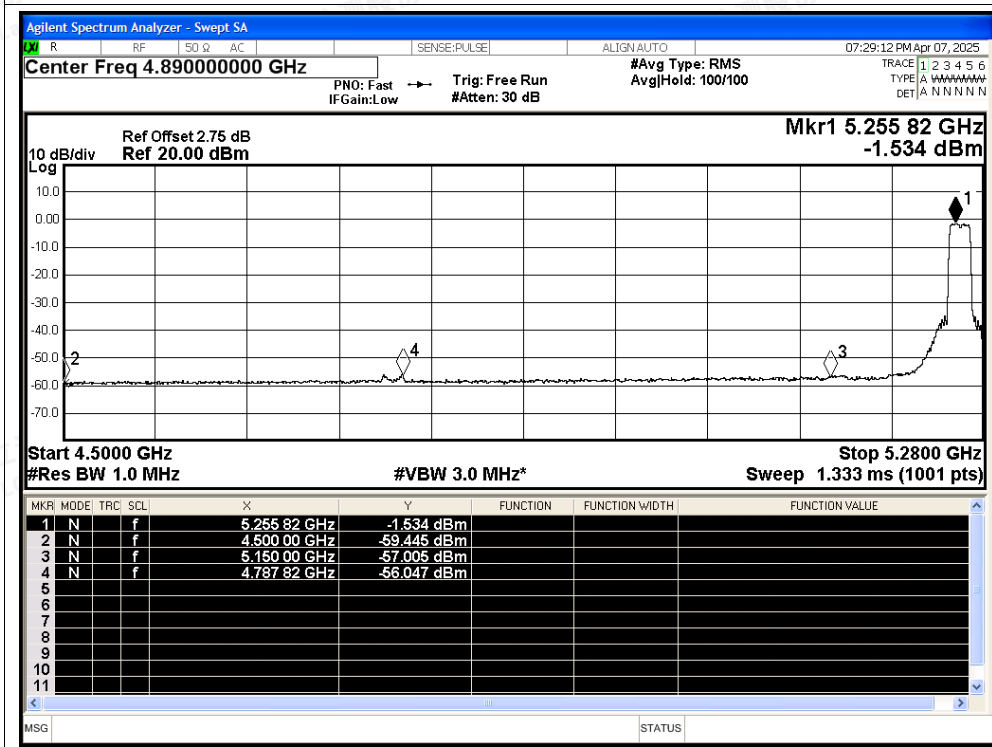
Scan code to check authenticity



## Restrict Band NVNT ac20 5260MHz Ant1 Peak



## Restrict Band NVNT ac20 5260MHz Ant1 Average



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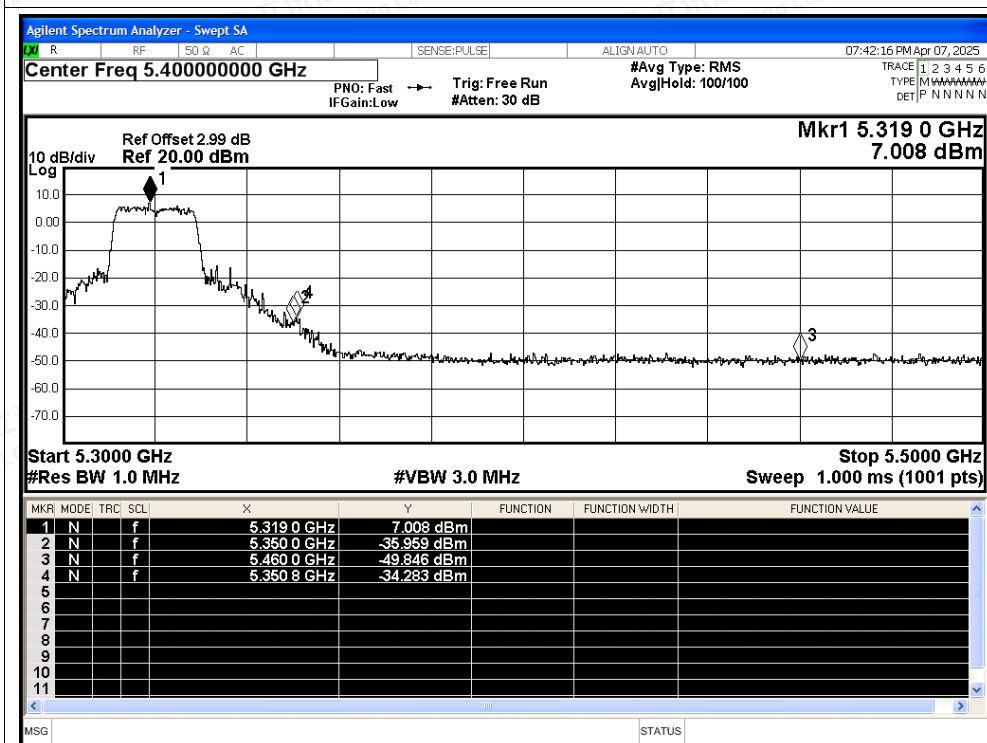
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

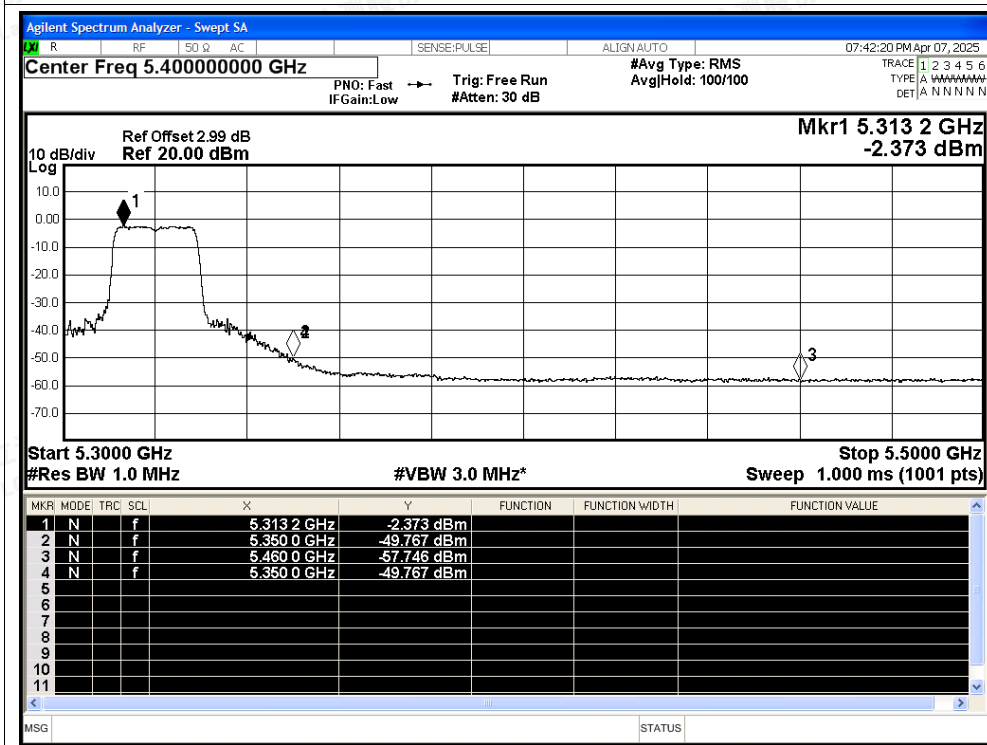
Scan code to check authenticity



## Restrict Band NVNT ac20 5320MHz Ant1 Peak



## Restrict Band NVNT ac20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

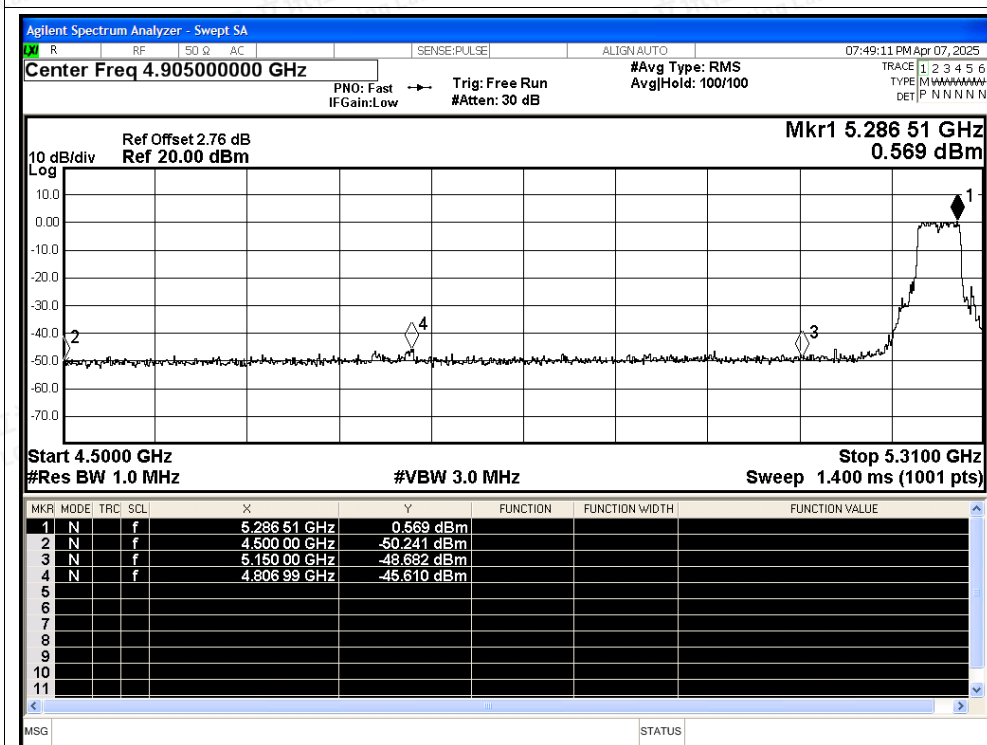
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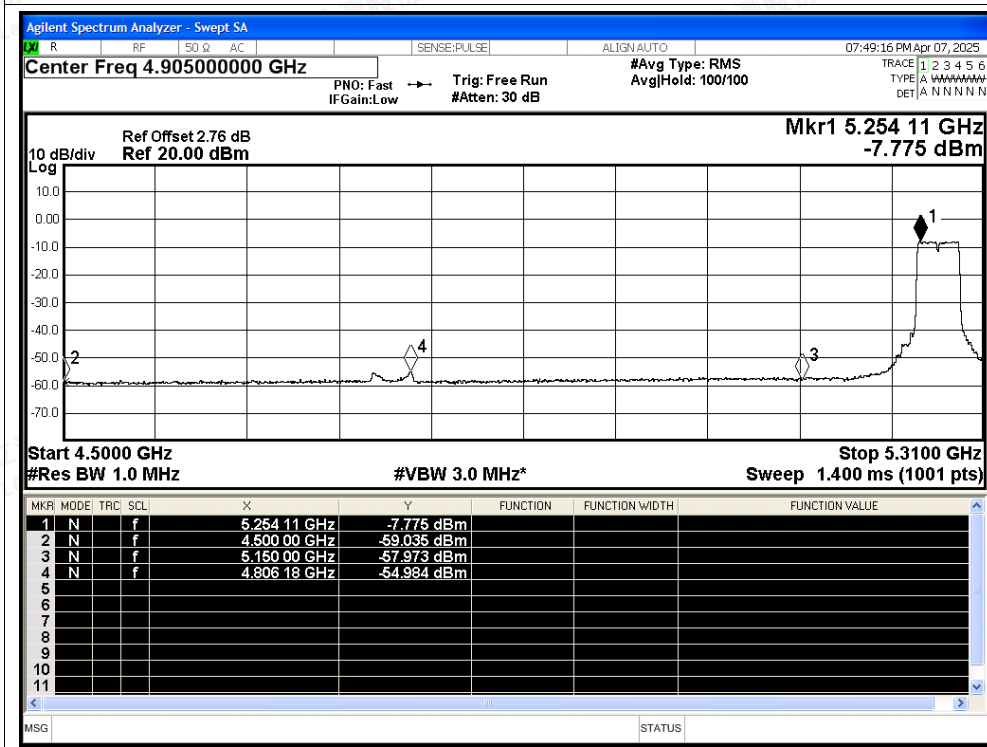
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## Restrict Band NVNT ac40 5270MHz Ant1 Peak



## Restrict Band NVNT ac40 5270MHz Ant1 Average



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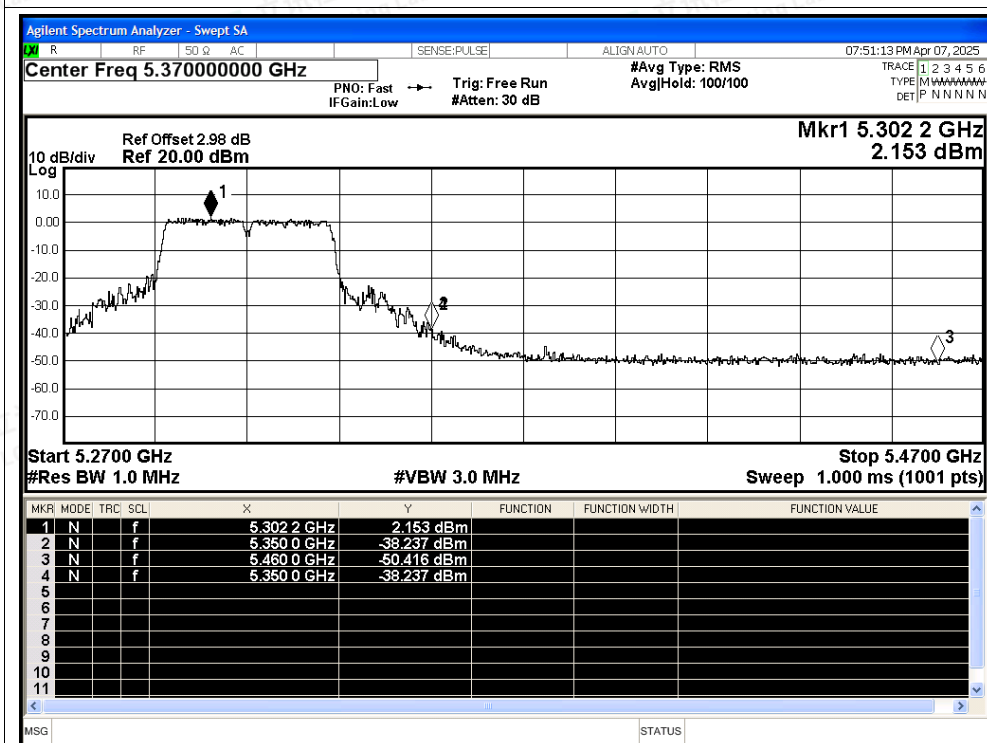
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

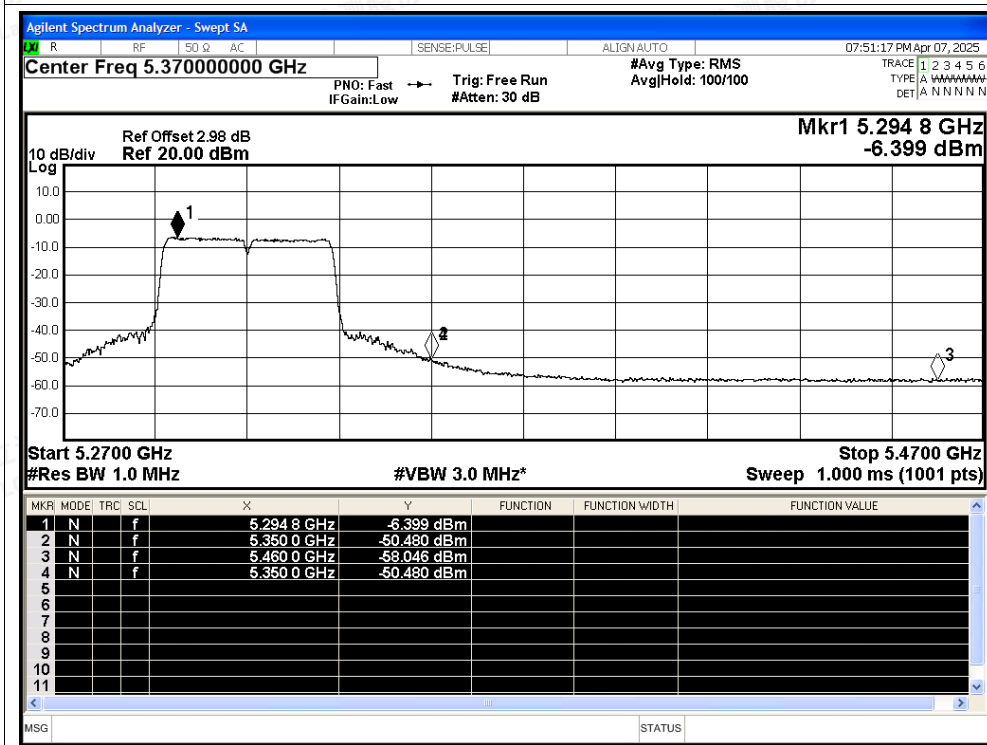
Scan code to check authenticity



## Restrict Band NVNT ac40 5310MHz Ant1 Peak



## Restrict Band NVNT ac40 5310MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

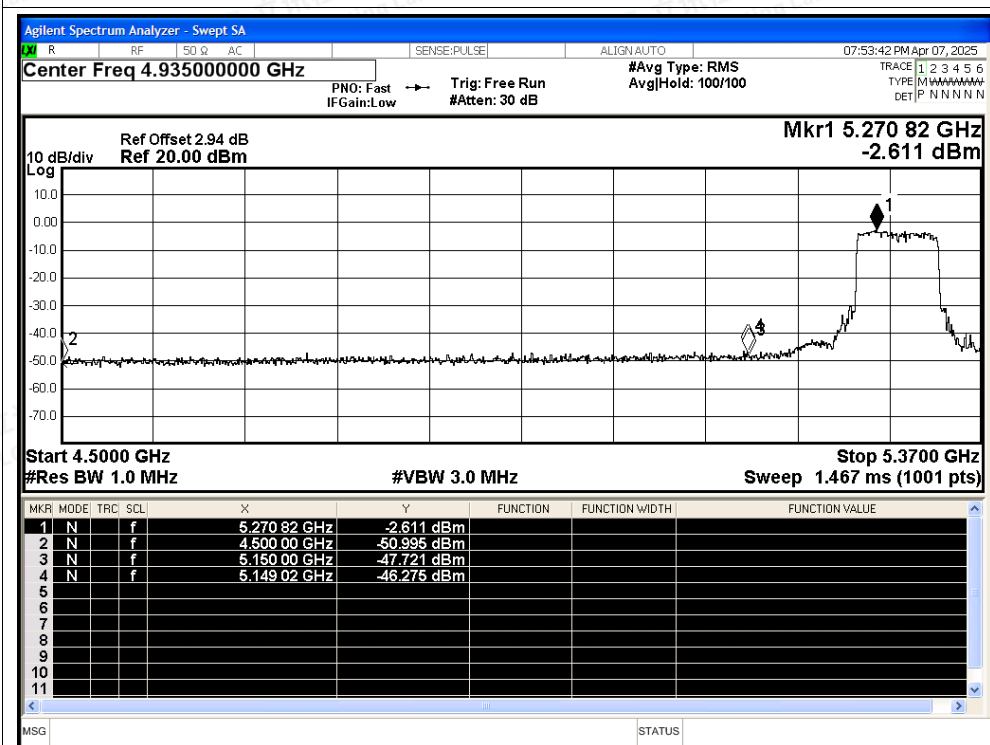
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

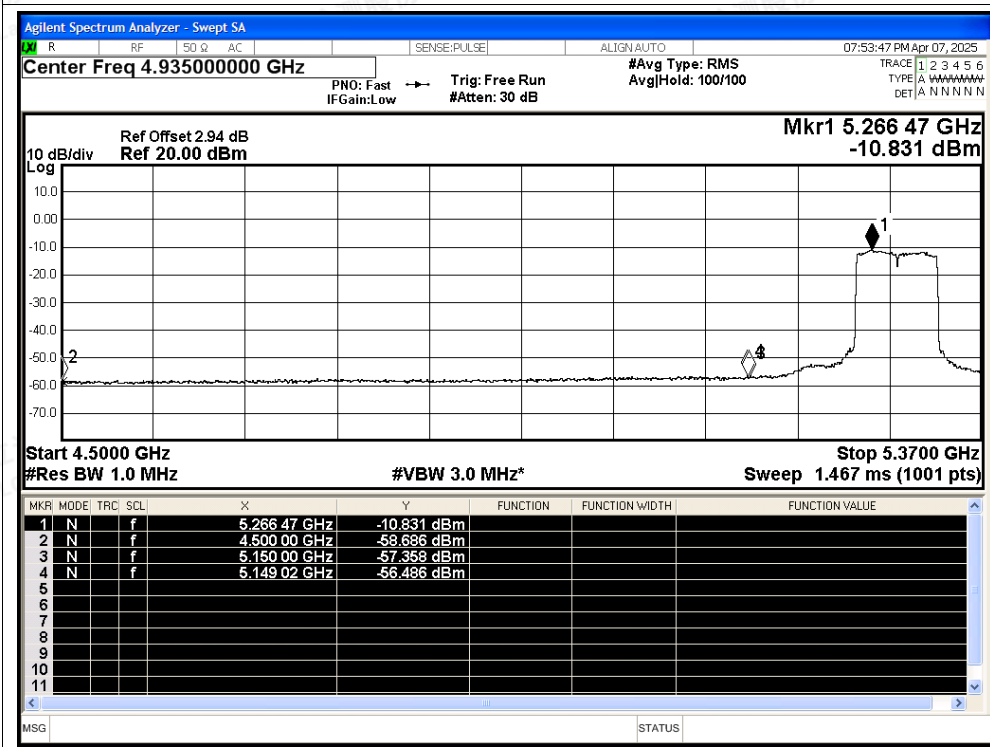
Scan code to check authenticity



## Restrict Band NVNT ac80 5290MHz Ant1 Peak



## Restrict Band NVNT ac80 5290MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

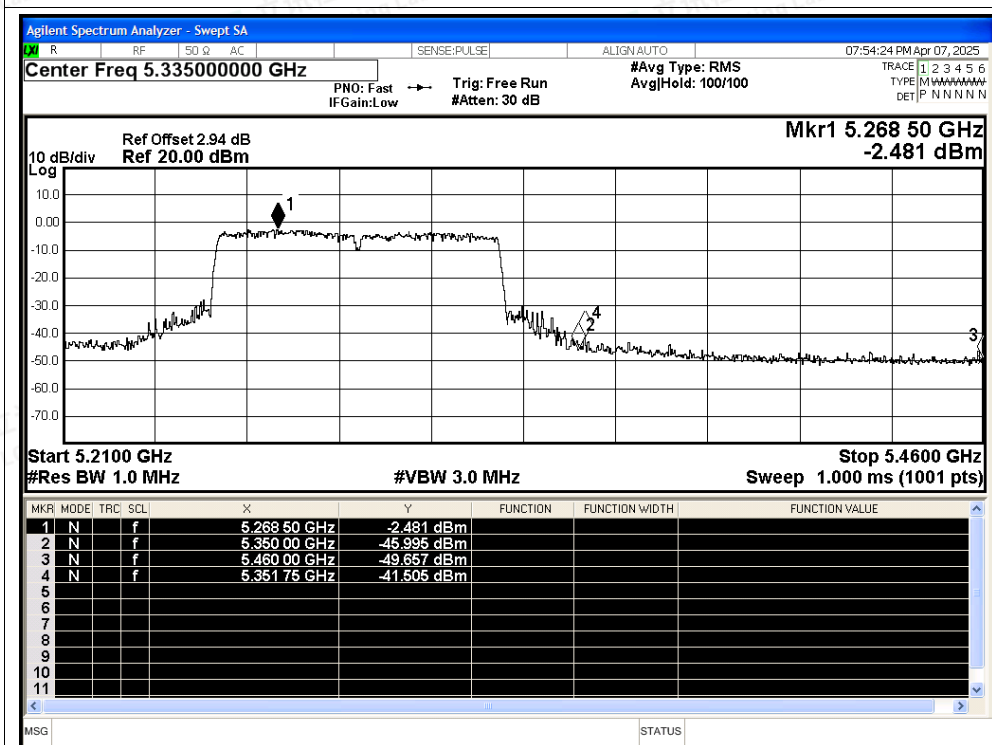
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

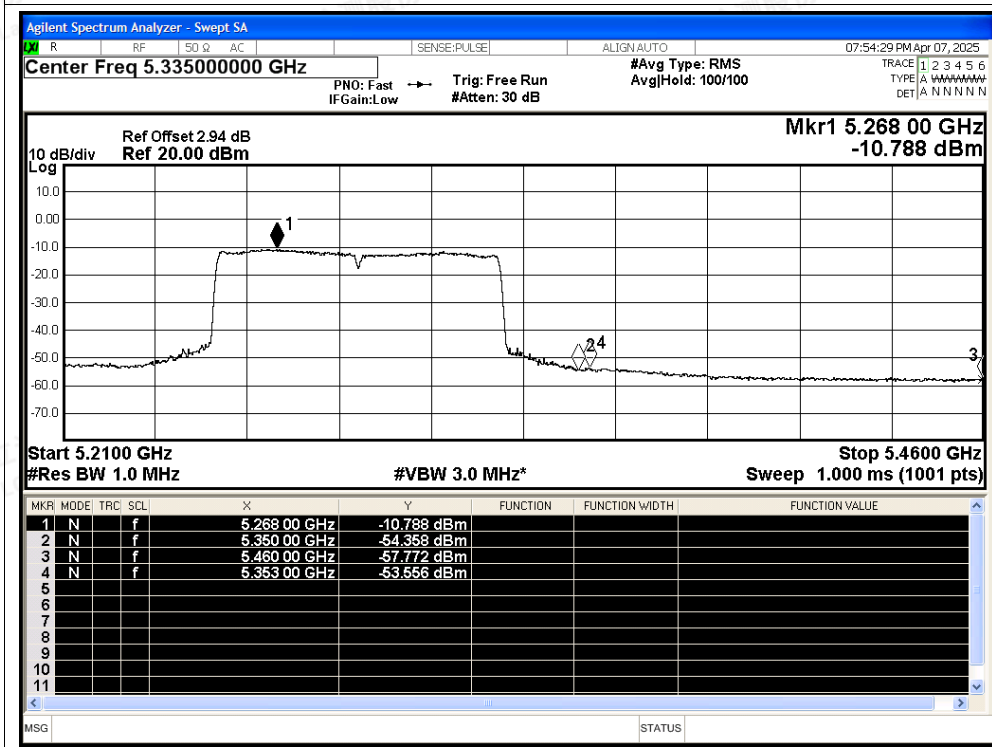
Scan code to check authenticity



## Restrict Band NVNT ac80 5290MHz Ant1 Peak



## Restrict Band NVNT ac80 5290MHz Ant1 Average



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## E.5 Frequency Stability

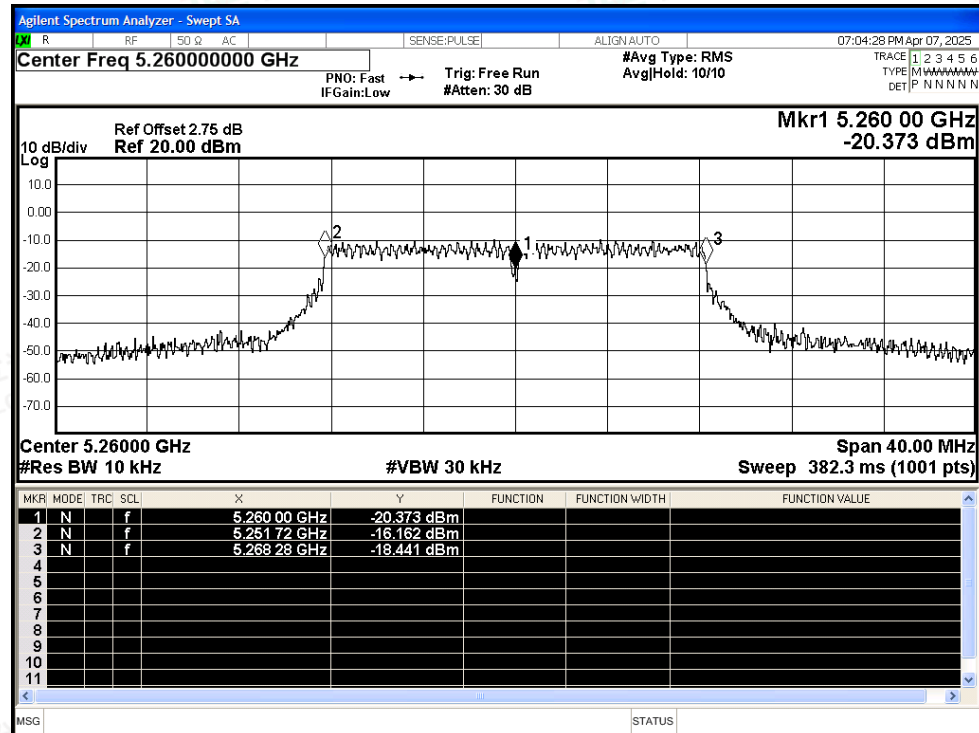
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | 5260                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5300            | Ant1    | 5299.98                  | -20000               | -3.77           | 25          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 5260                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5300            | Ant1    | 5299.98                  | -20000               | -3.77           | 25          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 5270                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 5310                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| NVNT      | ac20 | 5300            | Ant1    | 5299.98                  | -20000               | -3.77           | 25          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | 5269.96                  | -40000               | -7.59           | 25          | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | 5310                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | 5290                     | 0                    | 0               | 25          | Pass    |



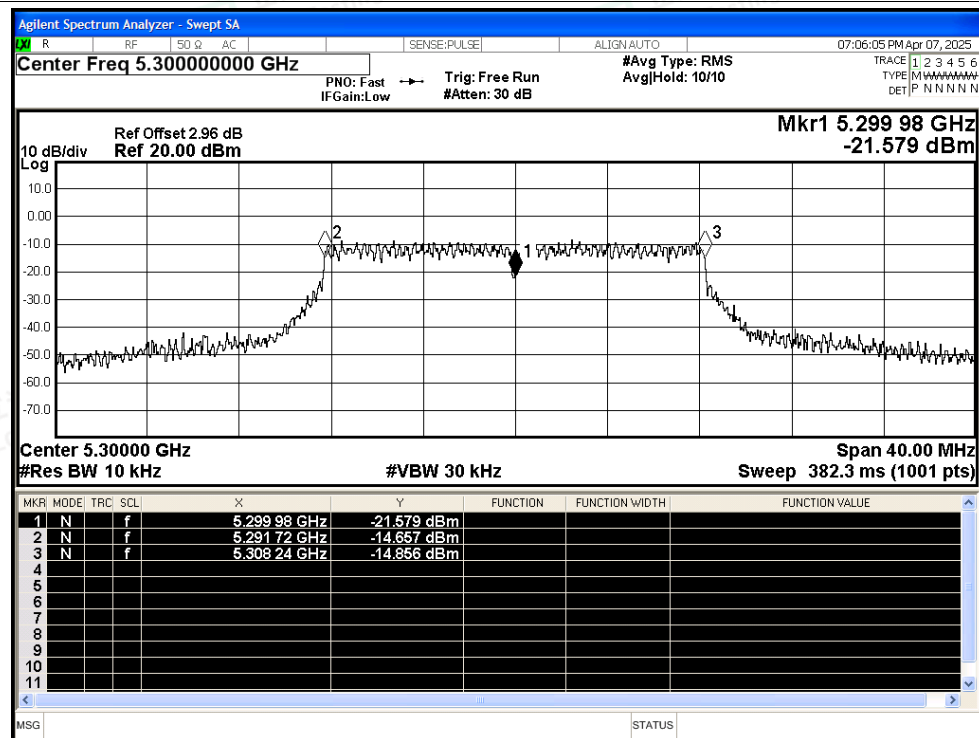


## Test Graphs

## Freq. Stability NVNT a 5260MHz Ant1



## Freq. Stability NVNT a 5300MHz Ant1



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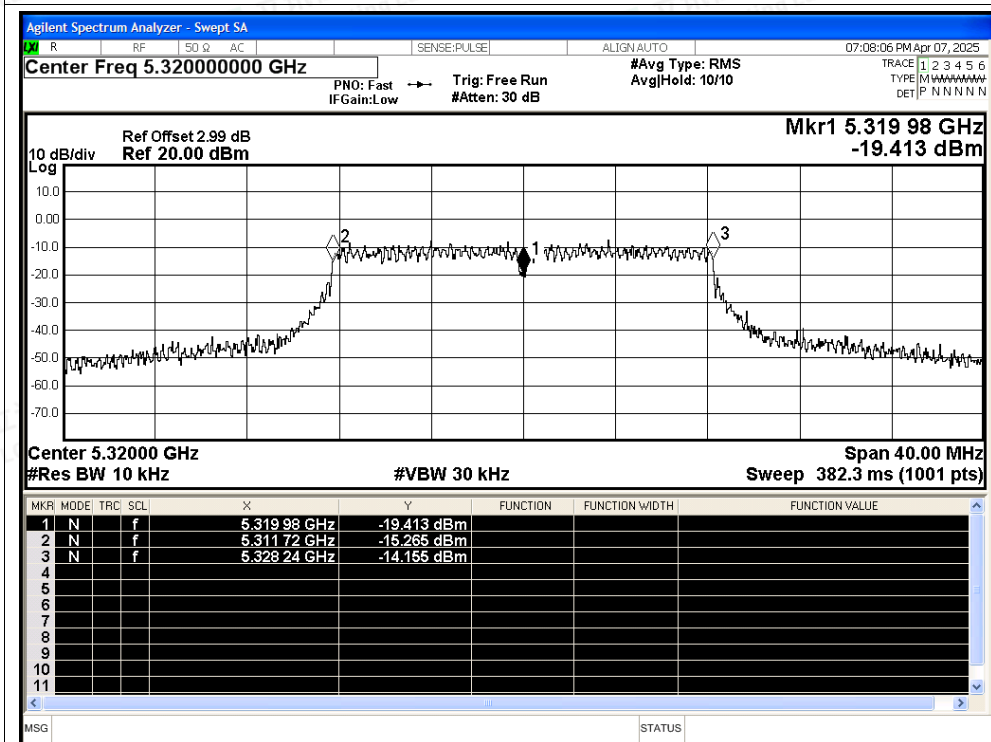
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

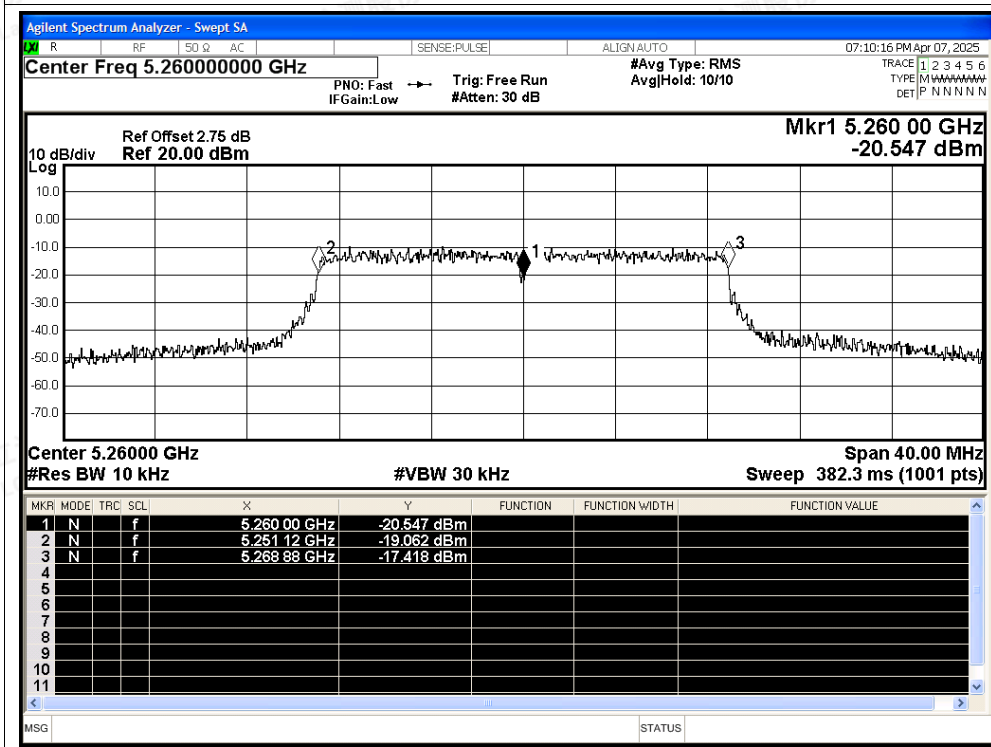
Scan code to check authenticity



## Freq. Stability NVNT a 5320MHz Ant1



## Freq. Stability NVNT n20 5260MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

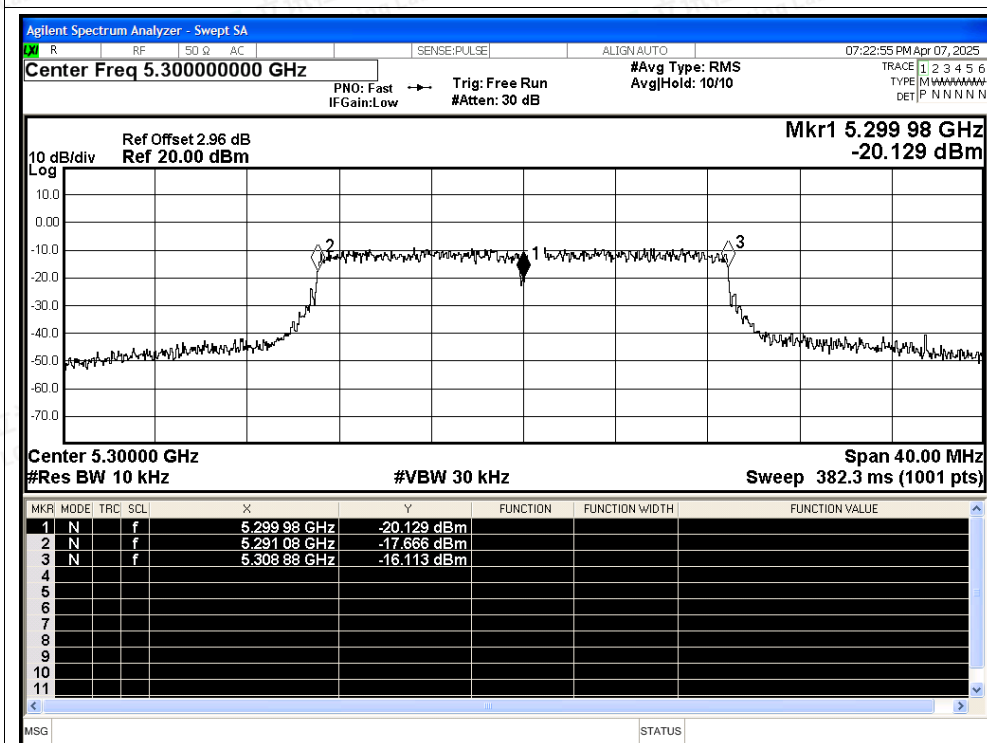
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

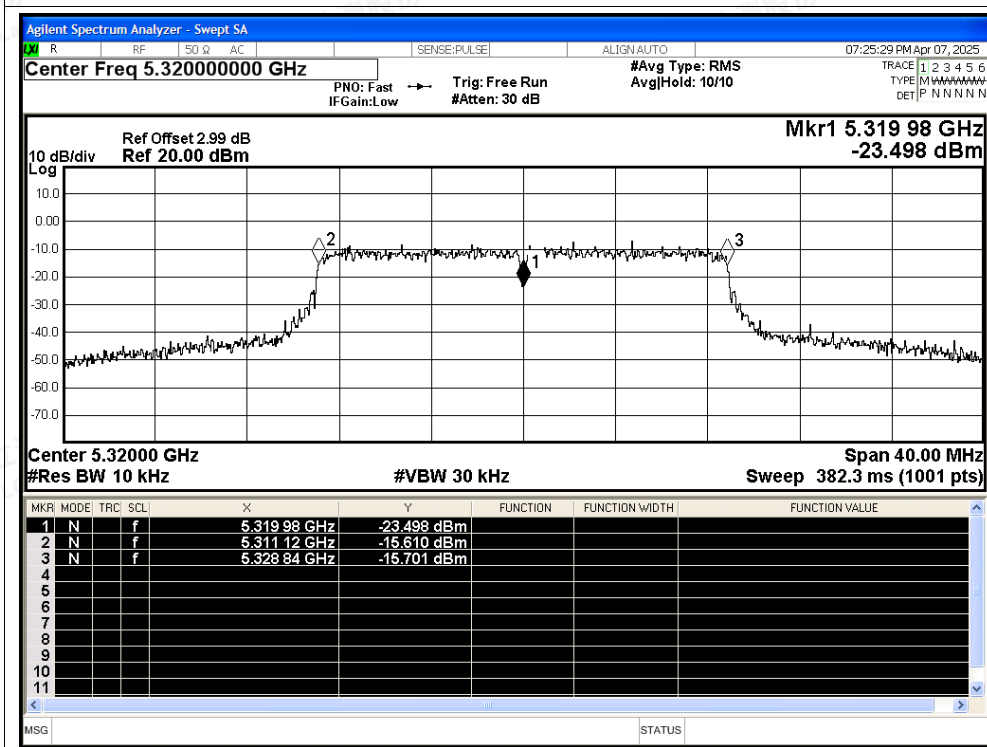
Scan code to check authenticity



## Freq. Stability NVNT n20 5300MHz Ant1



## Freq. Stability NVNT n20 5320MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

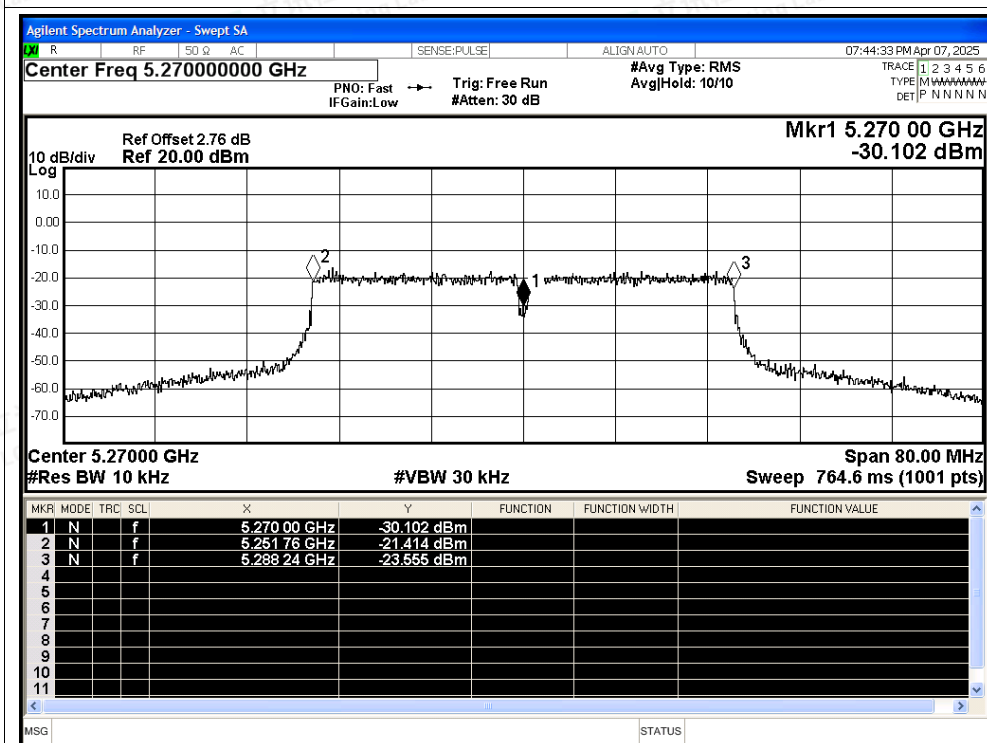
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

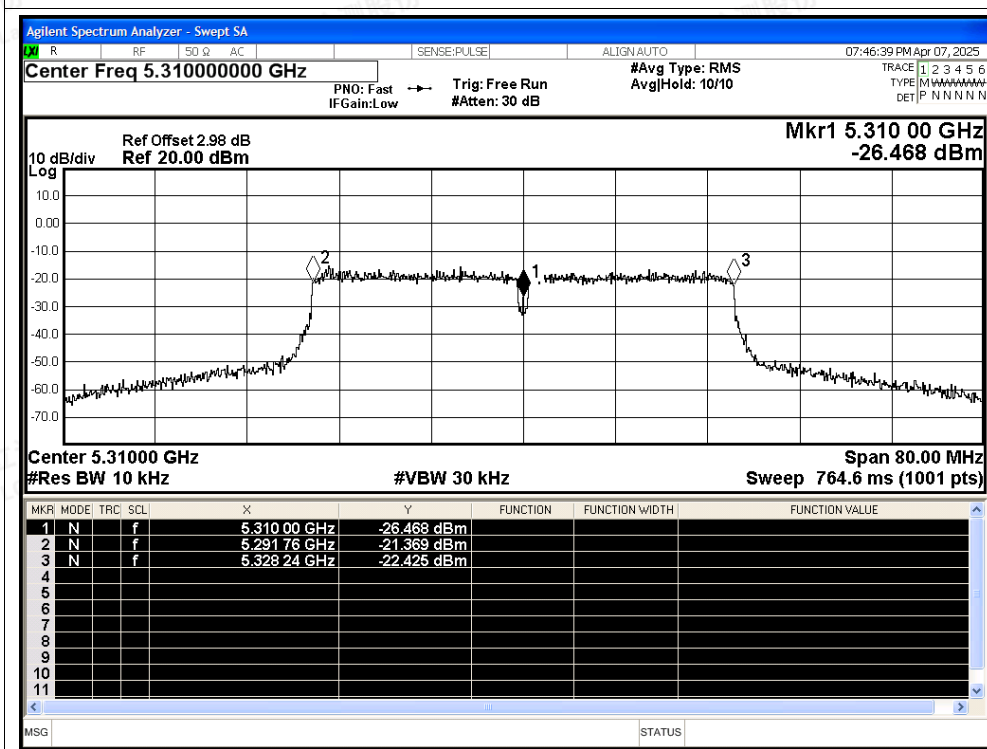
Scan code to check authenticity



## Freq. Stability NVNT n40 5270MHz Ant1

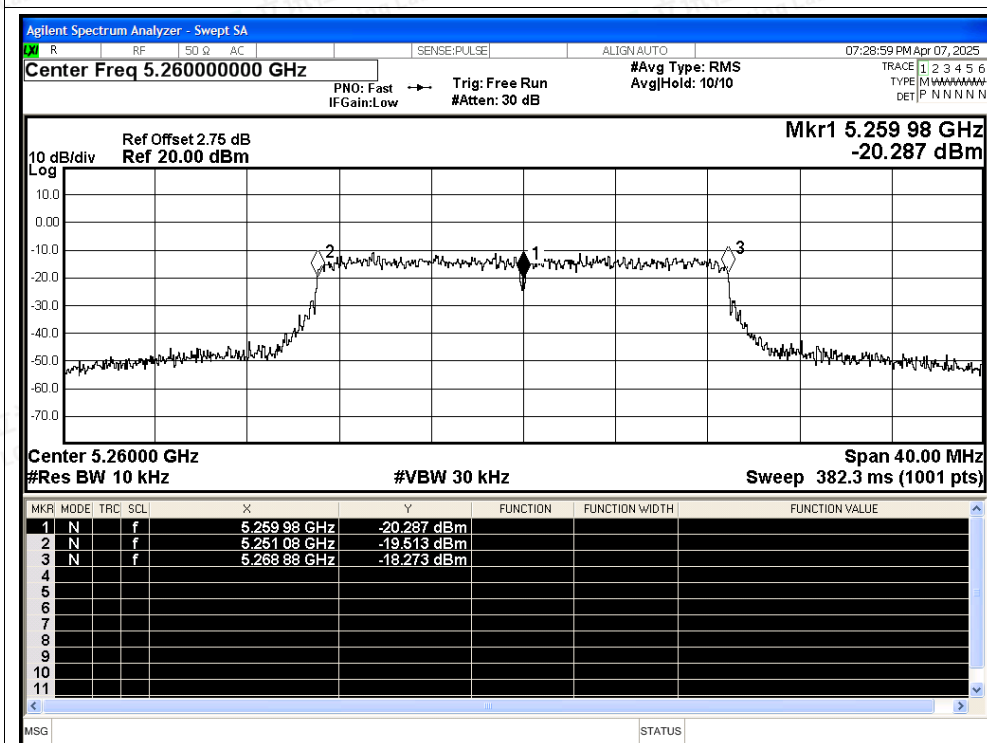


## Freq. Stability NVNT n40 5310MHz Ant1

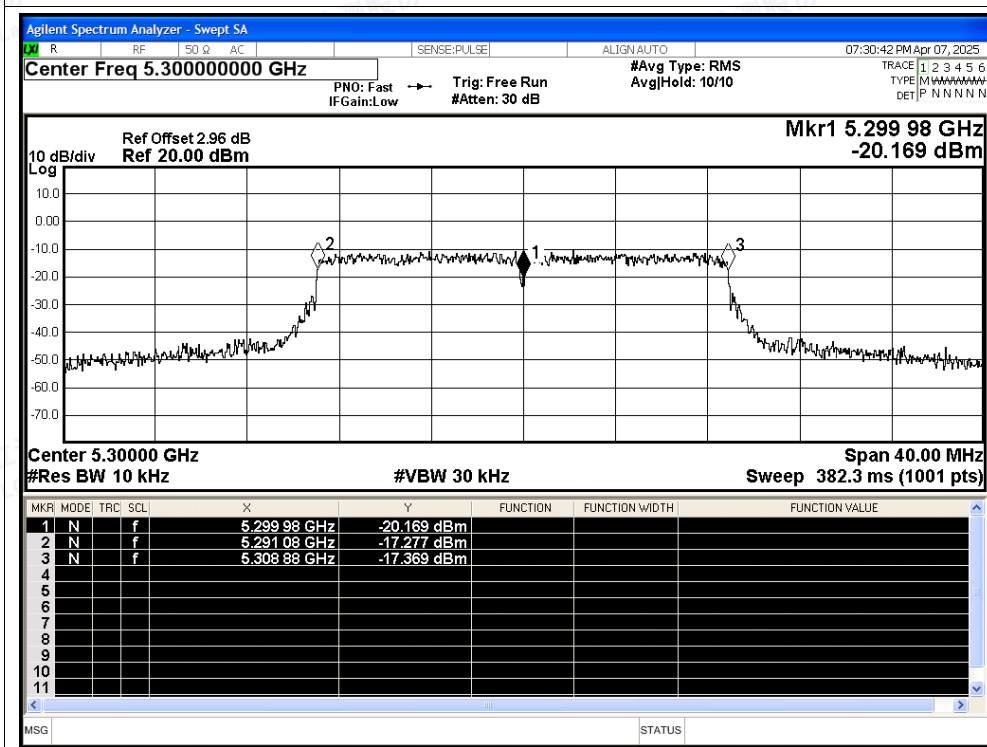




## Freq. Stability NVNT ac20 5260MHz Ant1



## Freq. Stability NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

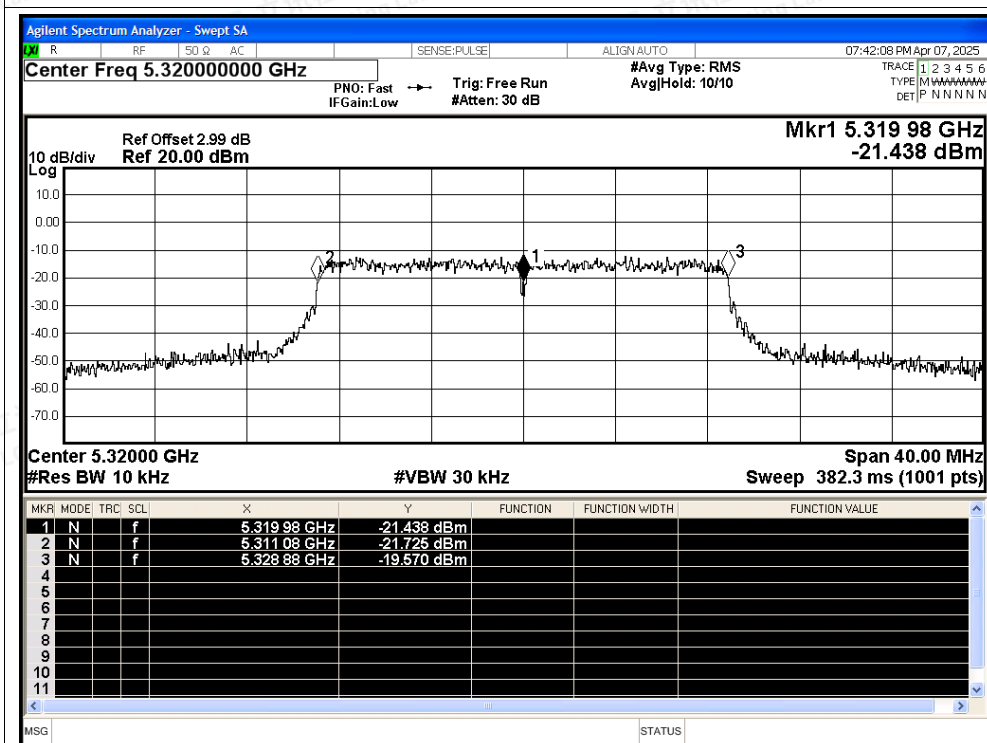
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

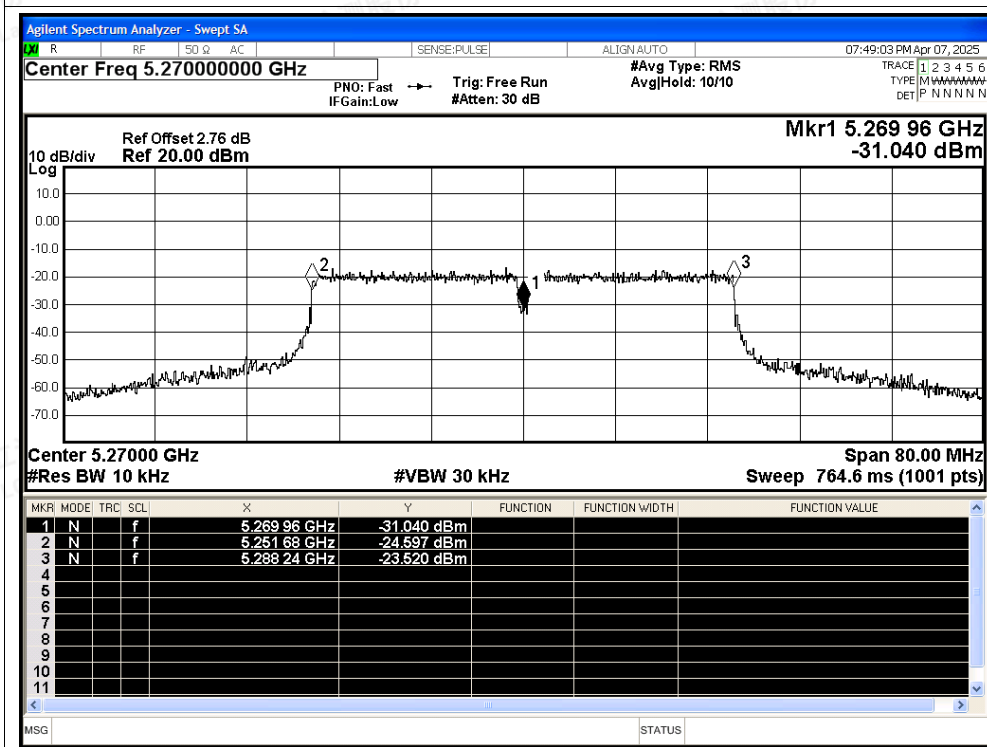
Scan code to check authenticity



## Freq. Stability NVNT ac20 5320MHz Ant1



## Freq. Stability NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

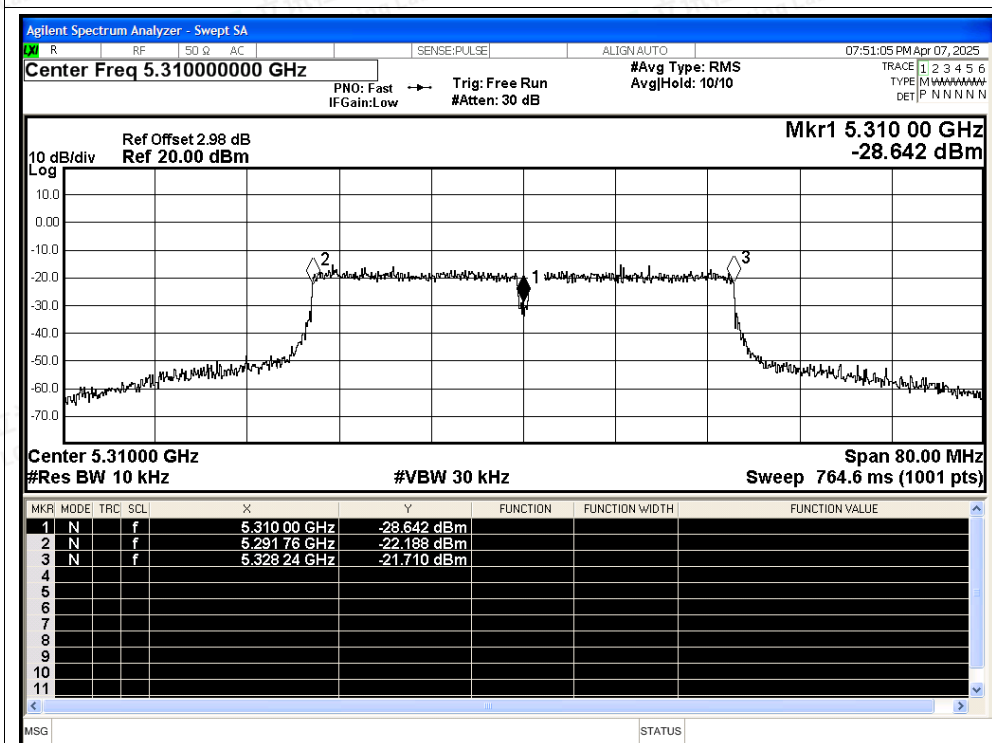
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

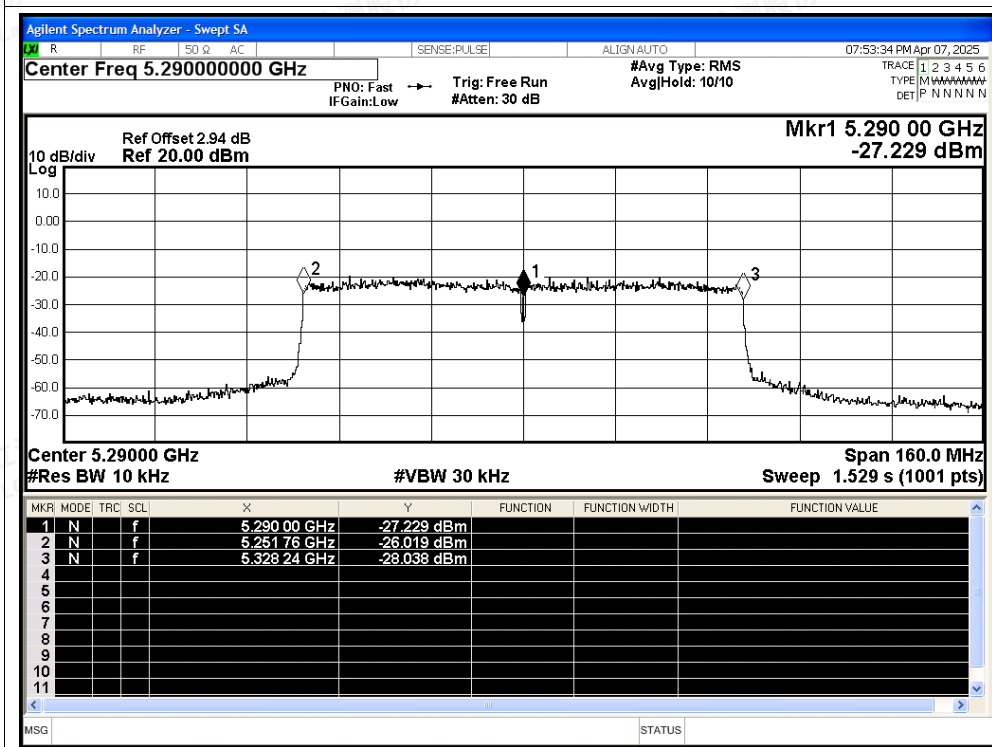
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## Freq. Stability NVNT ac40 5310MHz Ant1



## Freq. Stability NVNT ac80 5290MHz Ant1



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## E.6 Duty Cycle

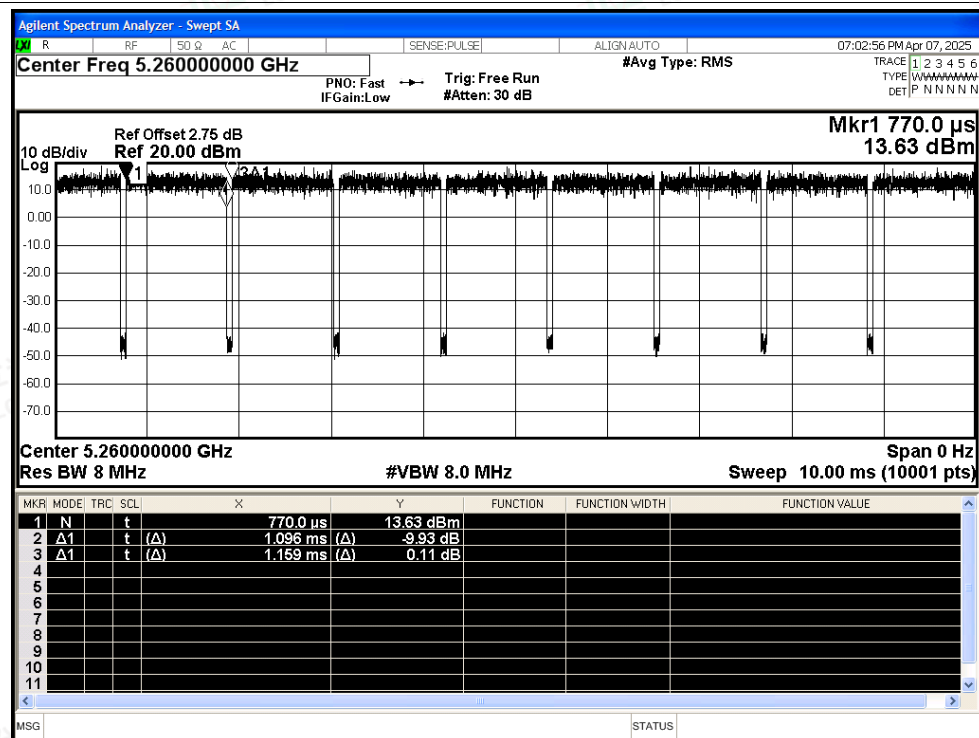
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5260            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5300            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5320            | Ant1    | 94.65          | 0.24                   | 0.91      |
| NVNT      | n20  | 5260            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5300            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5320            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n40  | 5270            | Ant1    | 96.36          | 0.16                   | 0.61      |
| NVNT      | n40  | 5310            | Ant1    | 96.36          | 0.16                   | 0.61      |
| NVNT      | ac20 | 5260            | Ant1    | 98.17          | 0                      | 0.3       |
| NVNT      | ac20 | 5300            | Ant1    | 98.2           | 0                      | 0.3       |
| NVNT      | ac20 | 5320            | Ant1    | 98.17          | 0                      | 0.3       |
| NVNT      | ac40 | 5270            | Ant1    | 96.32          | 0.16                   | 0.61      |
| NVNT      | ac40 | 5310            | Ant1    | 96.32          | 0.16                   | 0.61      |
| NVNT      | ac80 | 5290            | Ant1    | 92.65          | 0.33                   | 1.28      |



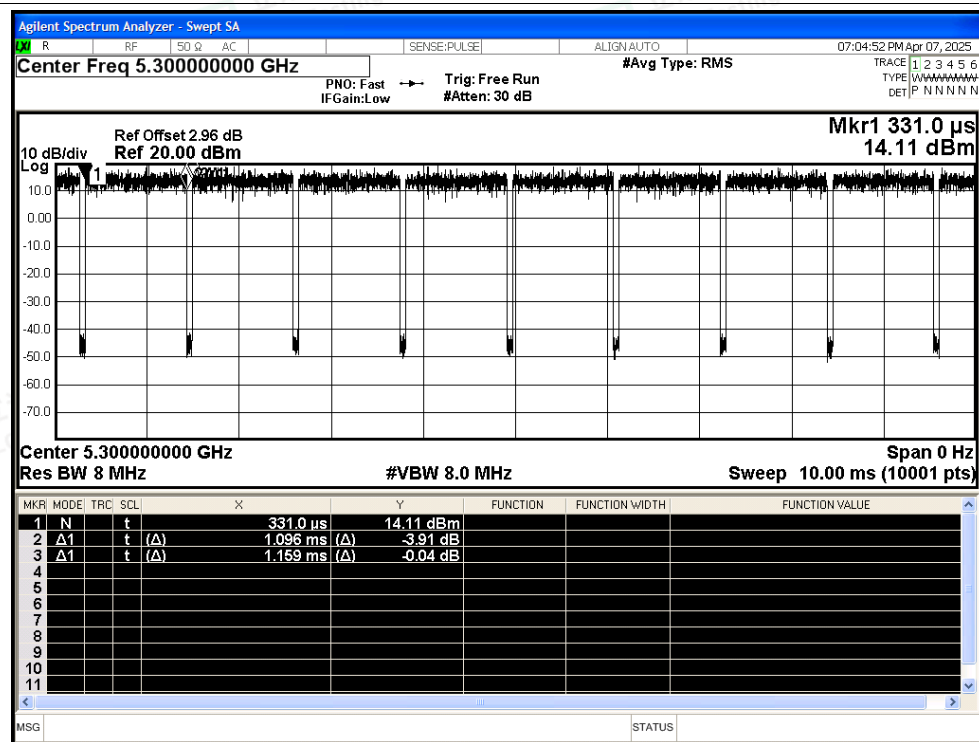


## Test Graphs

## Duty Cycle NVNT a 5260MHz Ant1



## Duty Cycle NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

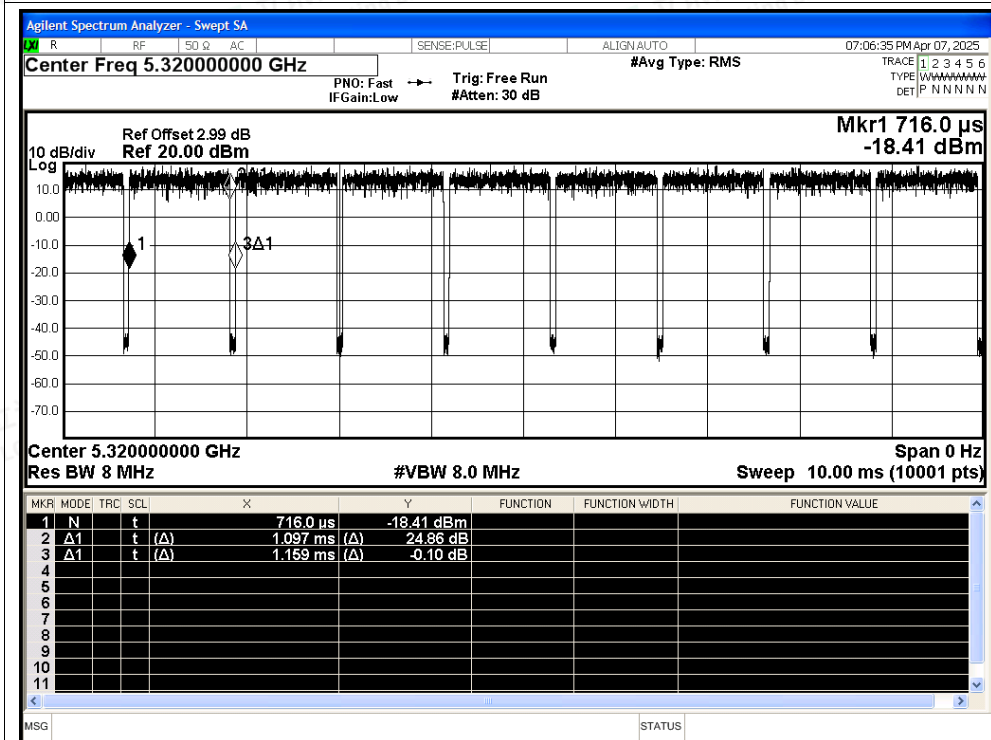
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

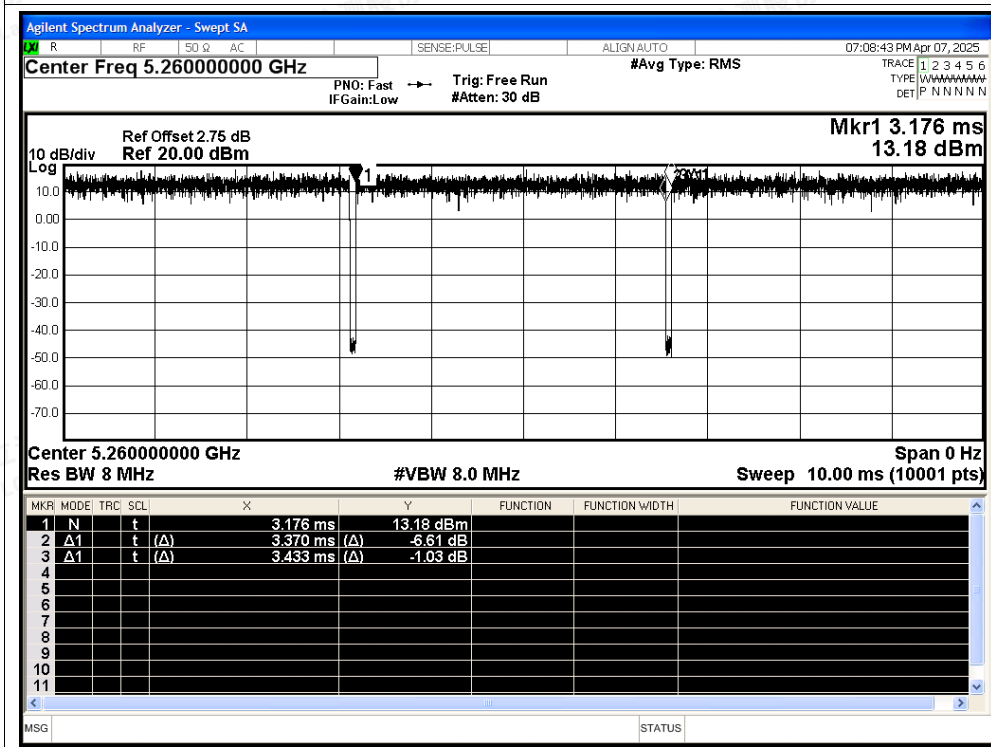
Scan code to check authenticity



## Duty Cycle NVNT a 5320MHz Ant1

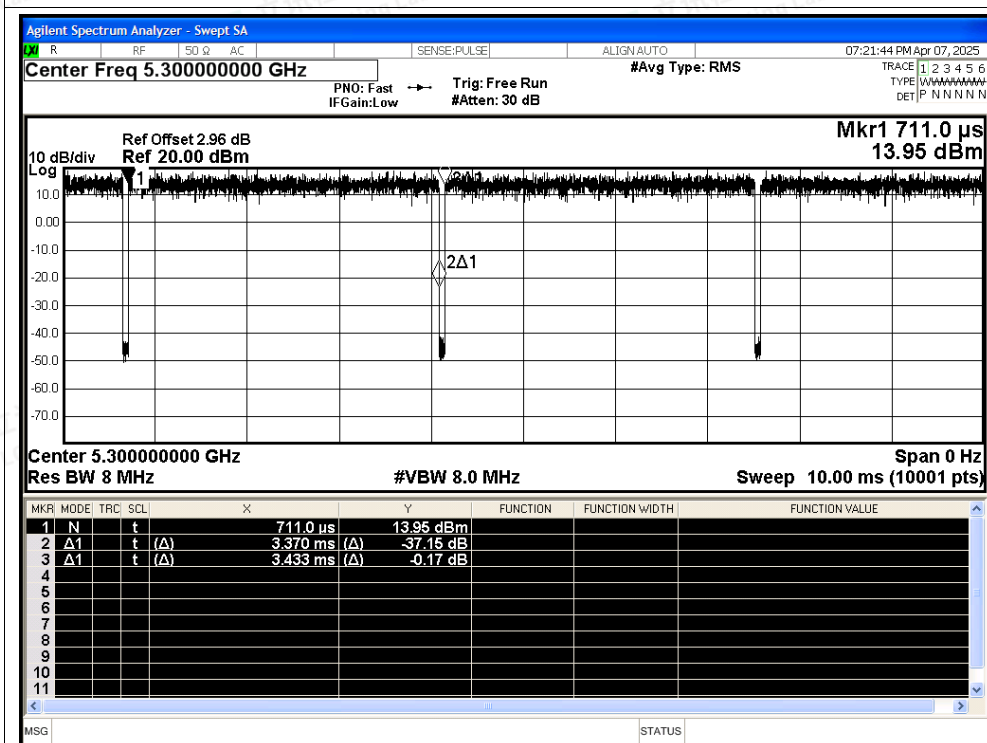


## Duty Cycle NVNT n20 5260MHz Ant1

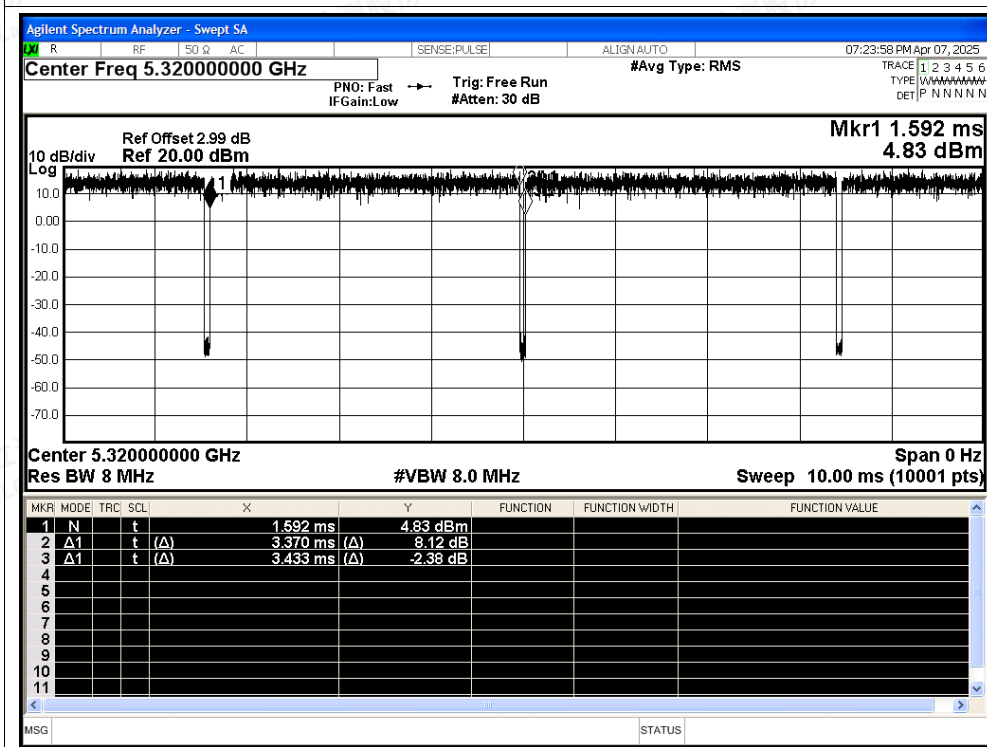




## Duty Cycle NVNT n20 5300MHz Ant1



## Duty Cycle NVNT n20 5320MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

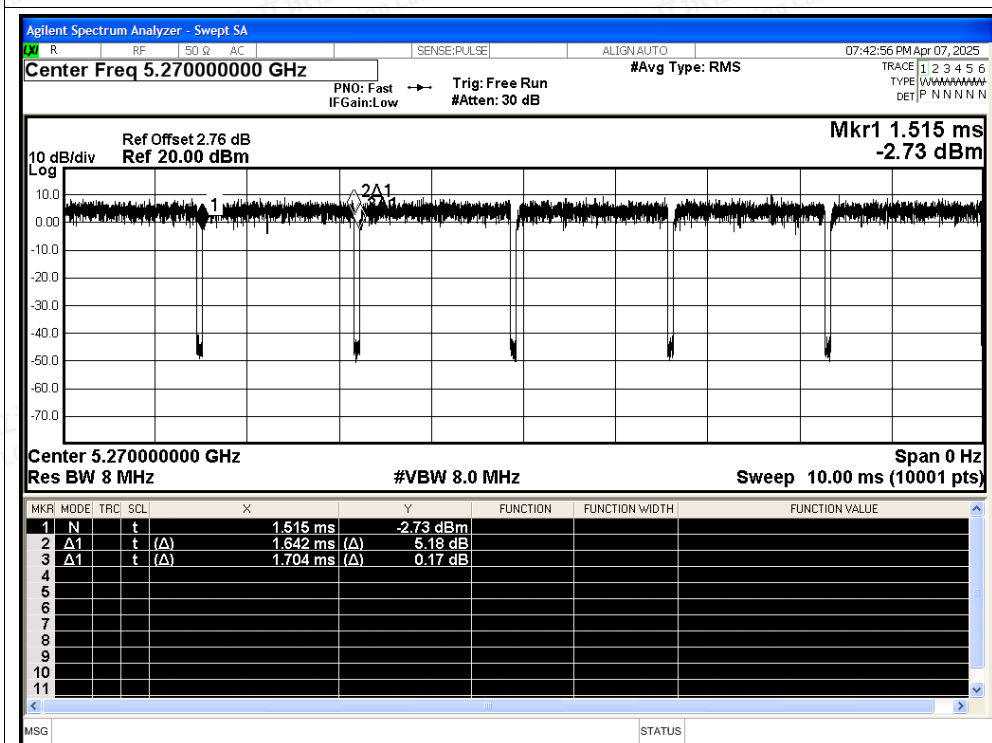
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

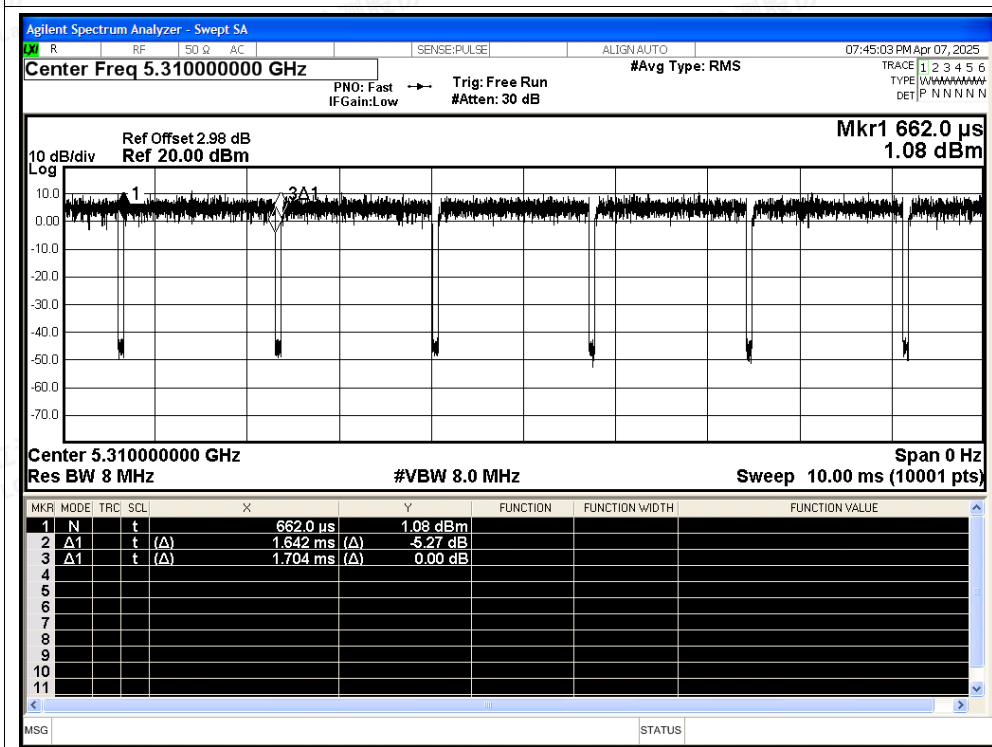
Scan code to check authenticity



## Duty Cycle NVNT n40 5270MHz Ant1



## Duty Cycle NVNT n40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

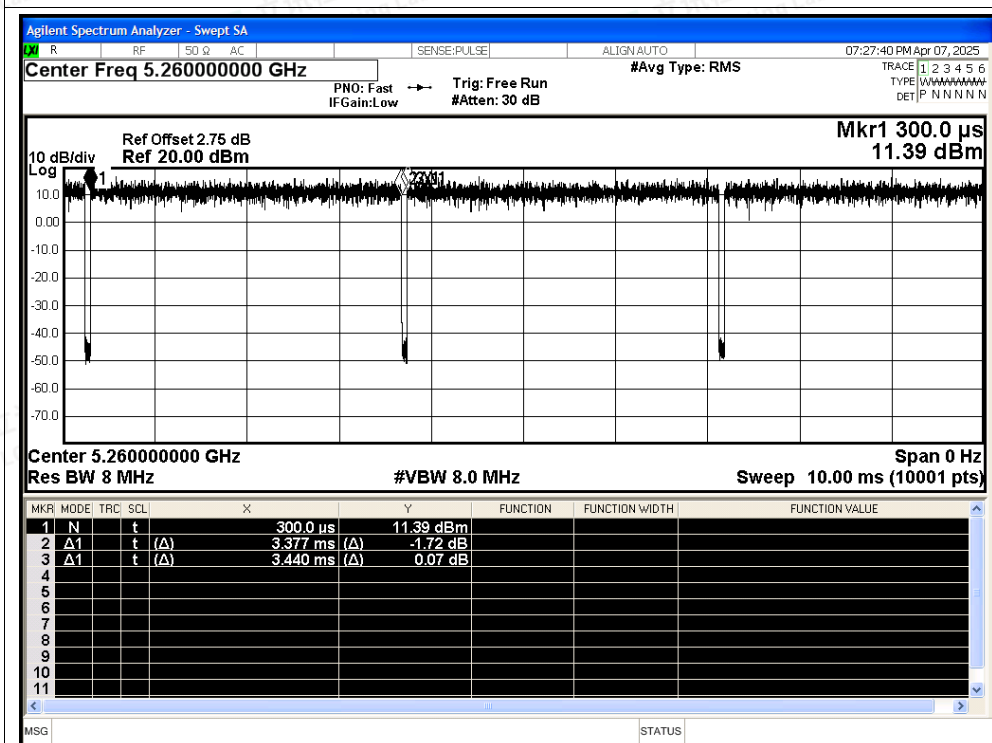
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

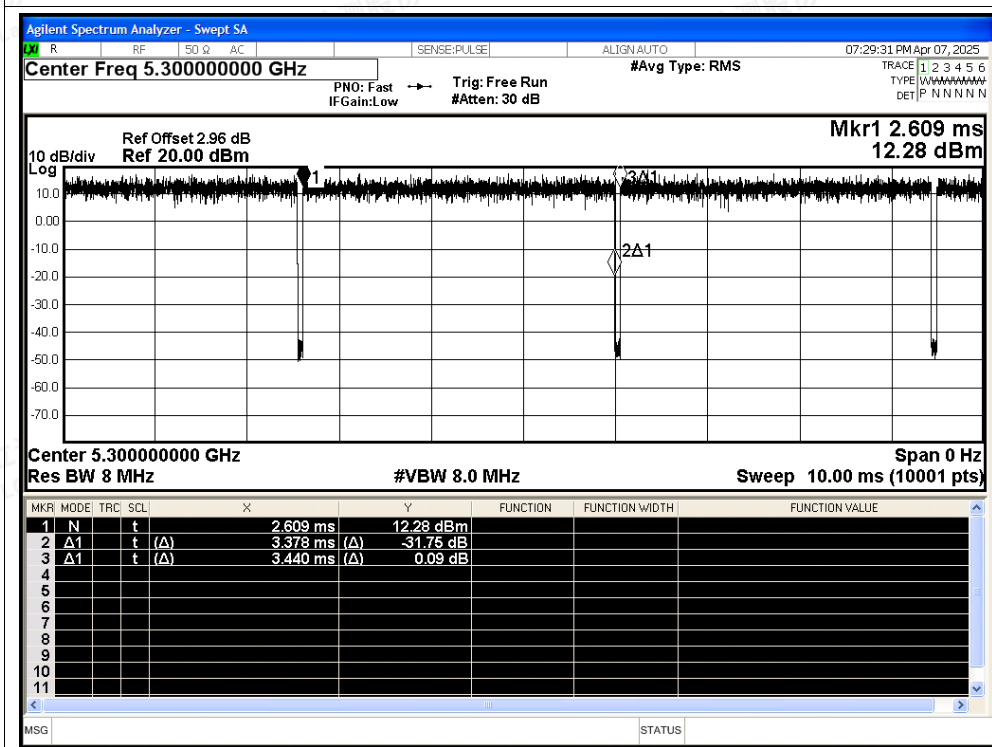
Scan code to check authenticity



## Duty Cycle NVNT ac20 5260MHz Ant1



## Duty Cycle NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

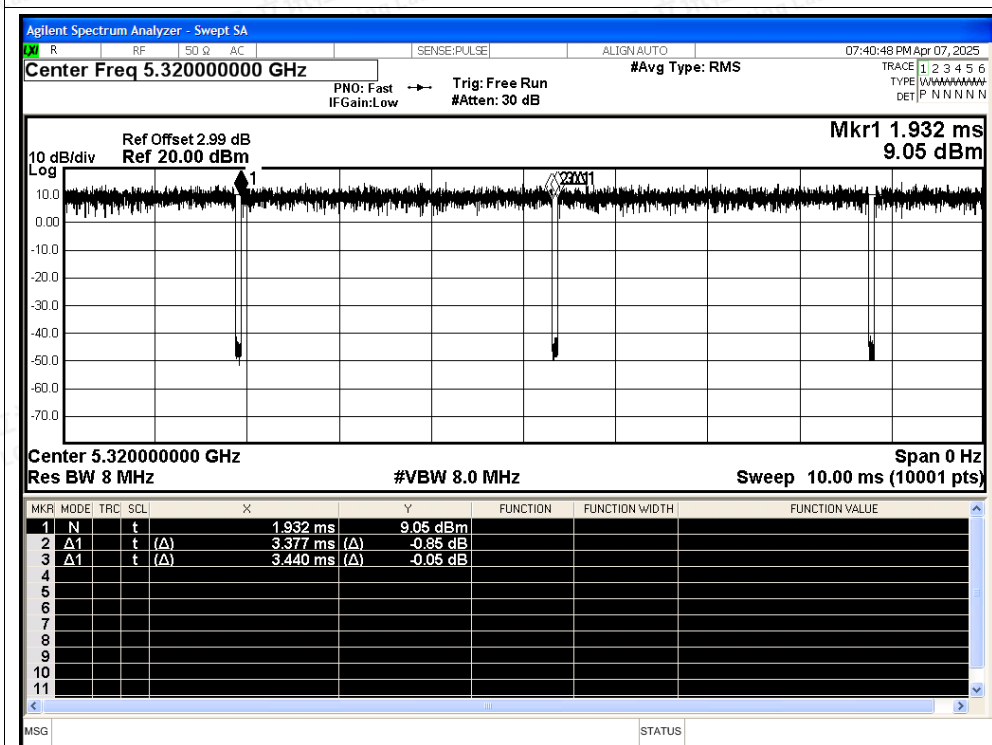
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

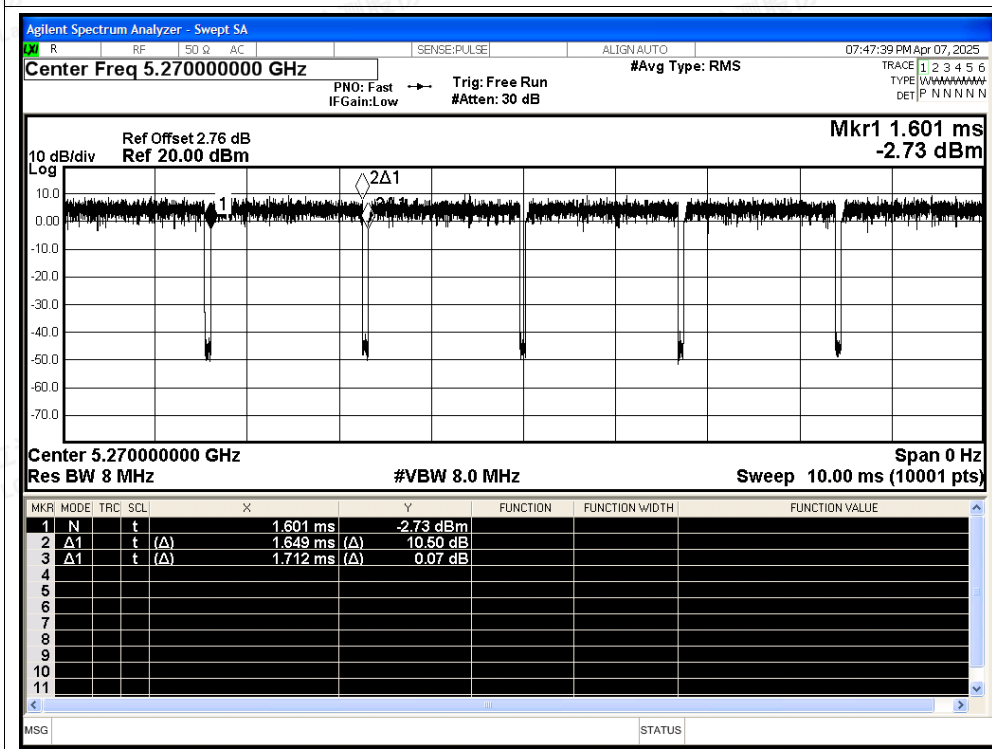
Scan code to check authenticity



## Duty Cycle NVNT ac20 5320MHz Ant1



## Duty Cycle NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

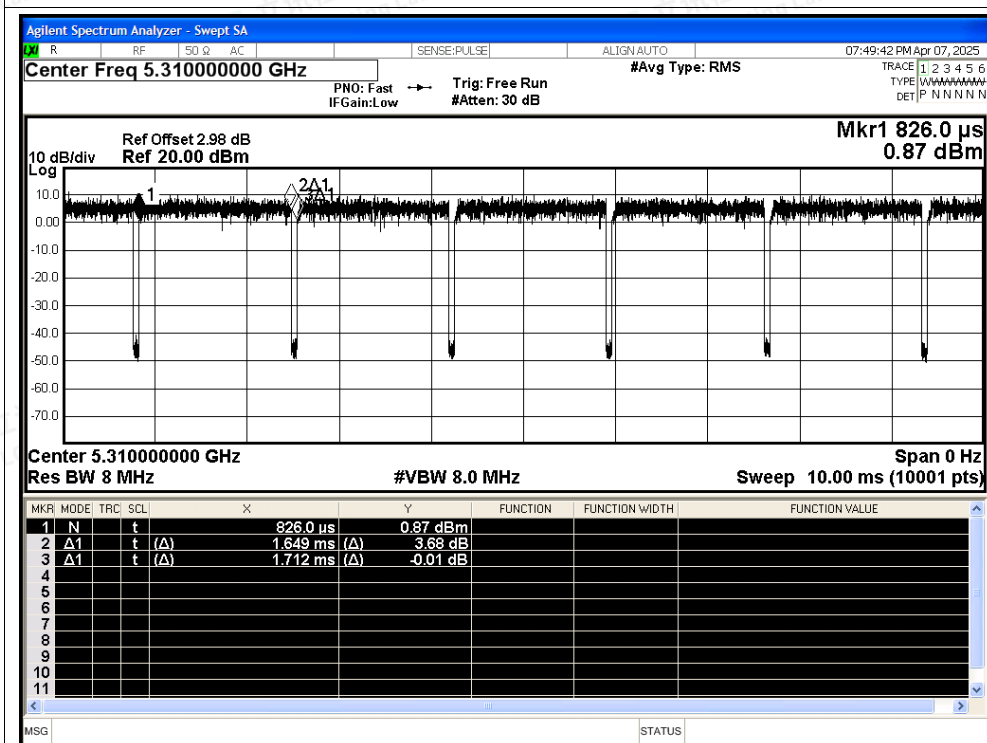
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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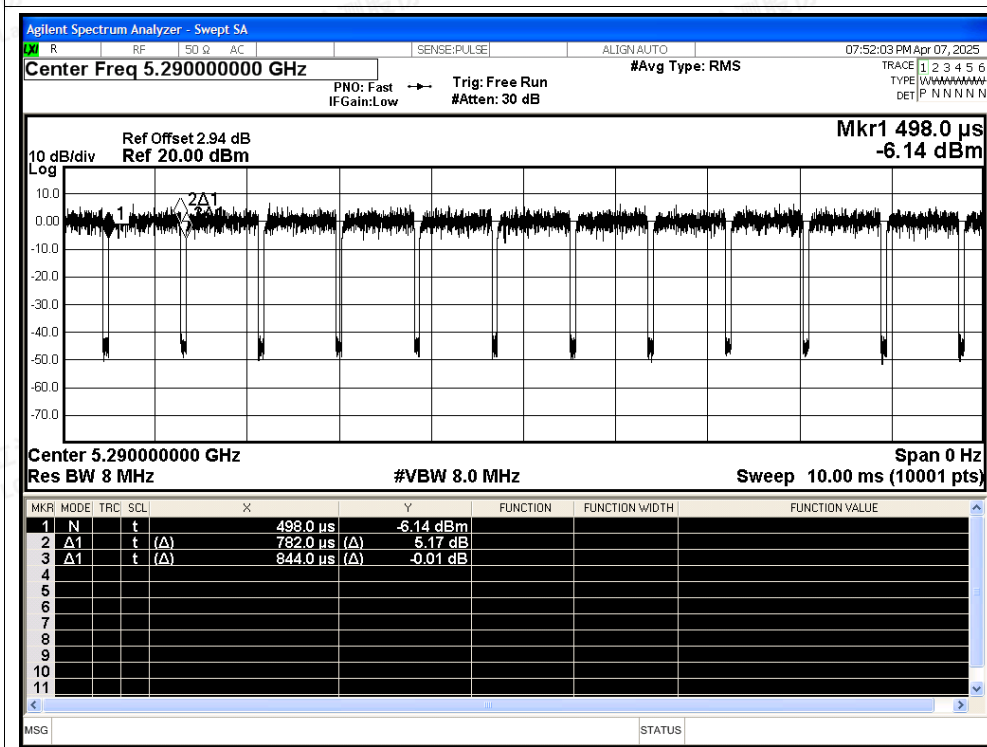
Scan code to check authenticity



## Duty Cycle NVNT ac40 5310MHz Ant1



## Duty Cycle NVNT ac80 5290MHz Ant1



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