



## Appendix E

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

Product Name: Mobile phone

Test Model: F91

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.4°C    |
| Relative Humidity: | 53.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jerry Chu |
| Supervised by:     | Can Kun   |



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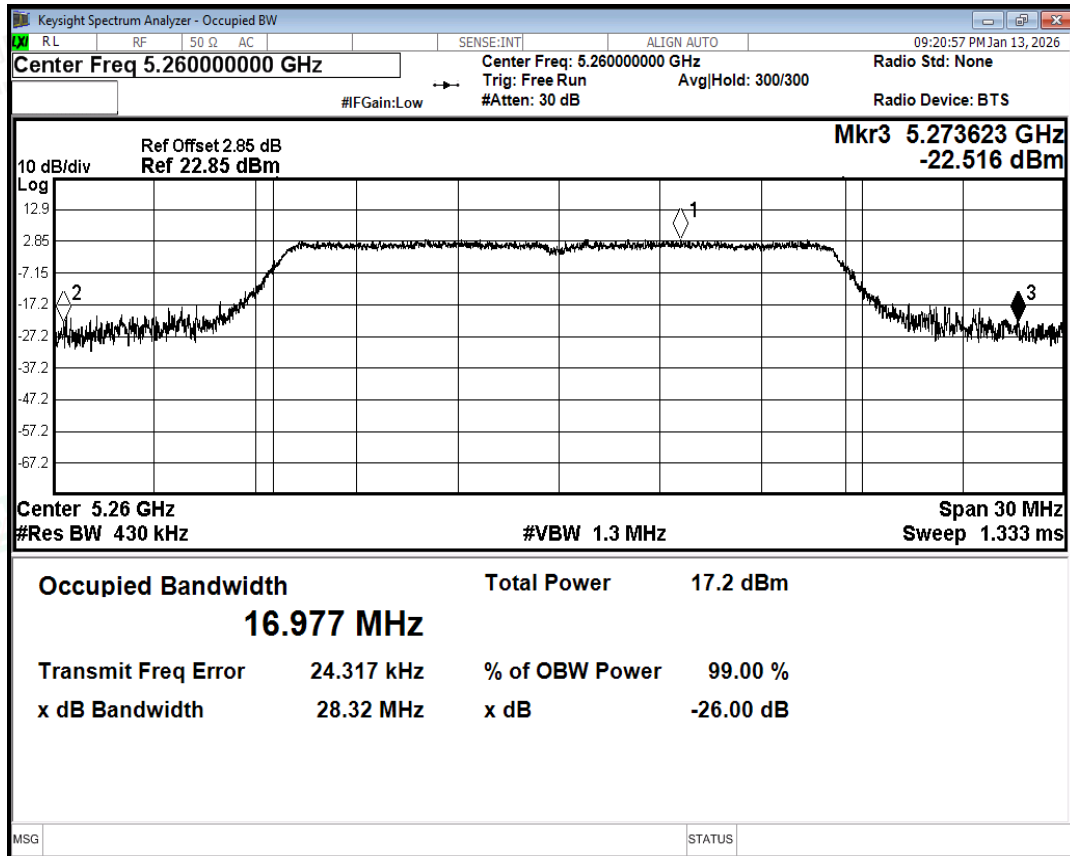
Scan code to check authenticity



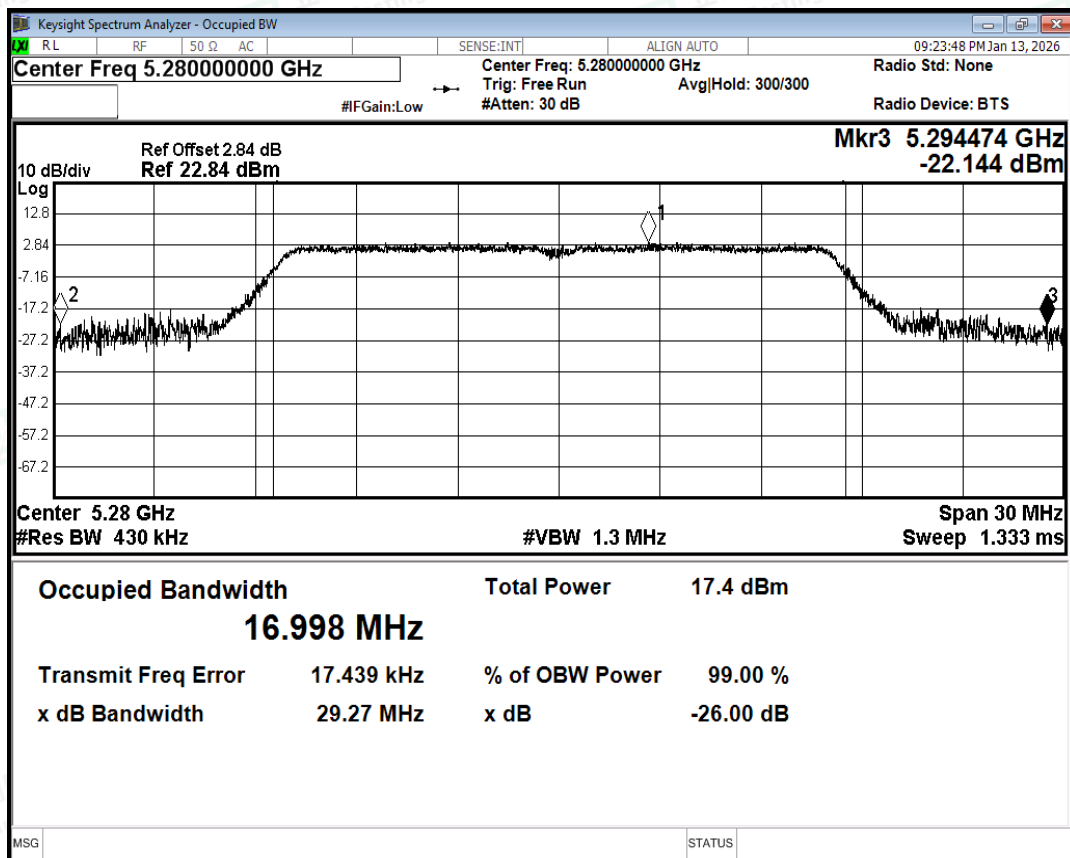
## E.1 -26dB Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|-------|-----------------|---------|------------------------|
| NVNT      | a     | 5260            | Ant1    | No Limit               |
| NVNT      | a     | 5280            | Ant1    | No Limit               |
| NVNT      | a     | 5320            | Ant1    | No Limit               |
| NVNT      | n20   | 5260            | Ant1    | No Limit               |
| NVNT      | n20   | 5280            | Ant1    | No Limit               |
| NVNT      | n20   | 5320            | Ant1    | No Limit               |
| NVNT      | n40   | 5270            | Ant1    | No Limit               |
| NVNT      | n40   | 5310            | Ant1    | No Limit               |
| NVNT      | ac20  | 5260            | Ant1    | No Limit               |
| NVNT      | ac20  | 5280            | Ant1    | No Limit               |
| NVNT      | ac20  | 5320            | Ant1    | No Limit               |
| NVNT      | ac40  | 5270            | Ant1    | No Limit               |
| NVNT      | ac40  | 5310            | Ant1    | No Limit               |
| NVNT      | ac80  | 5290            | Ant1    | No Limit               |
| NVNT      | ac160 | 5250            | Ant1    | No Limit               |





-26dB Bandwidth NVNT a 5260MHz Ant1



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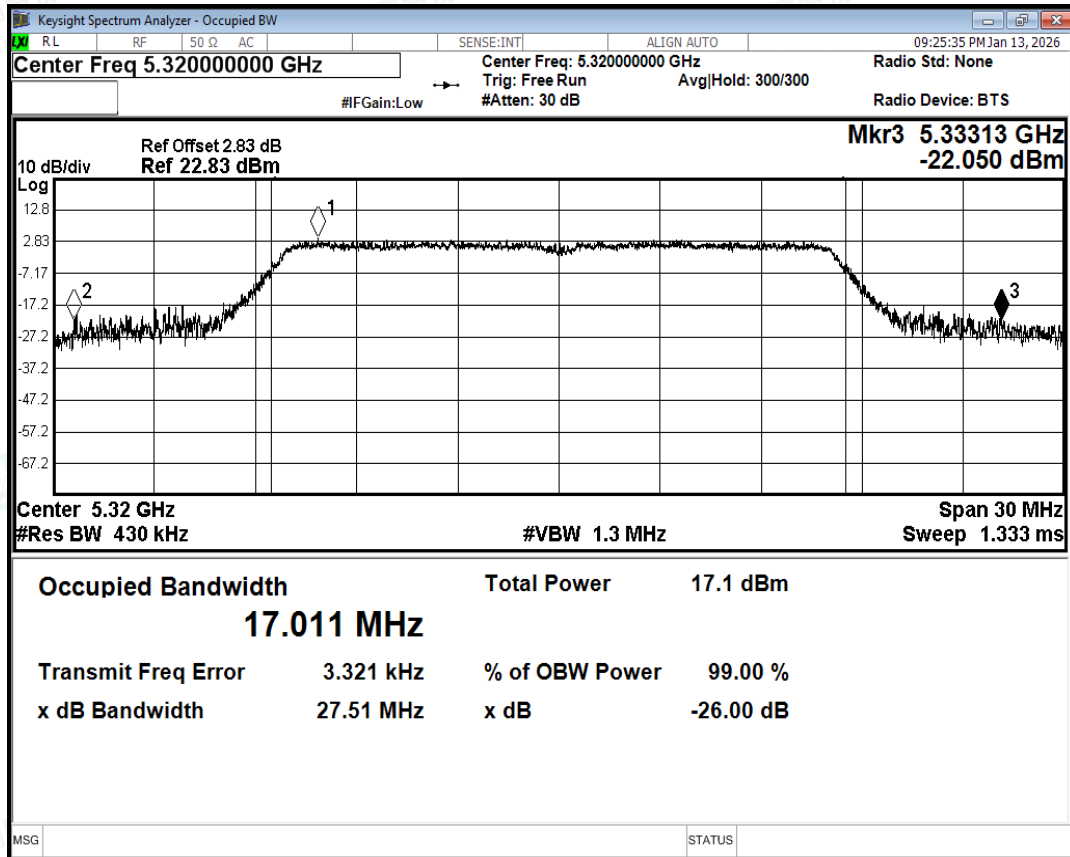
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-26dB Bandwidth NVNT a 5280MHz Ant1



-26dB Bandwidth NVNT a 5320MHz Ant1

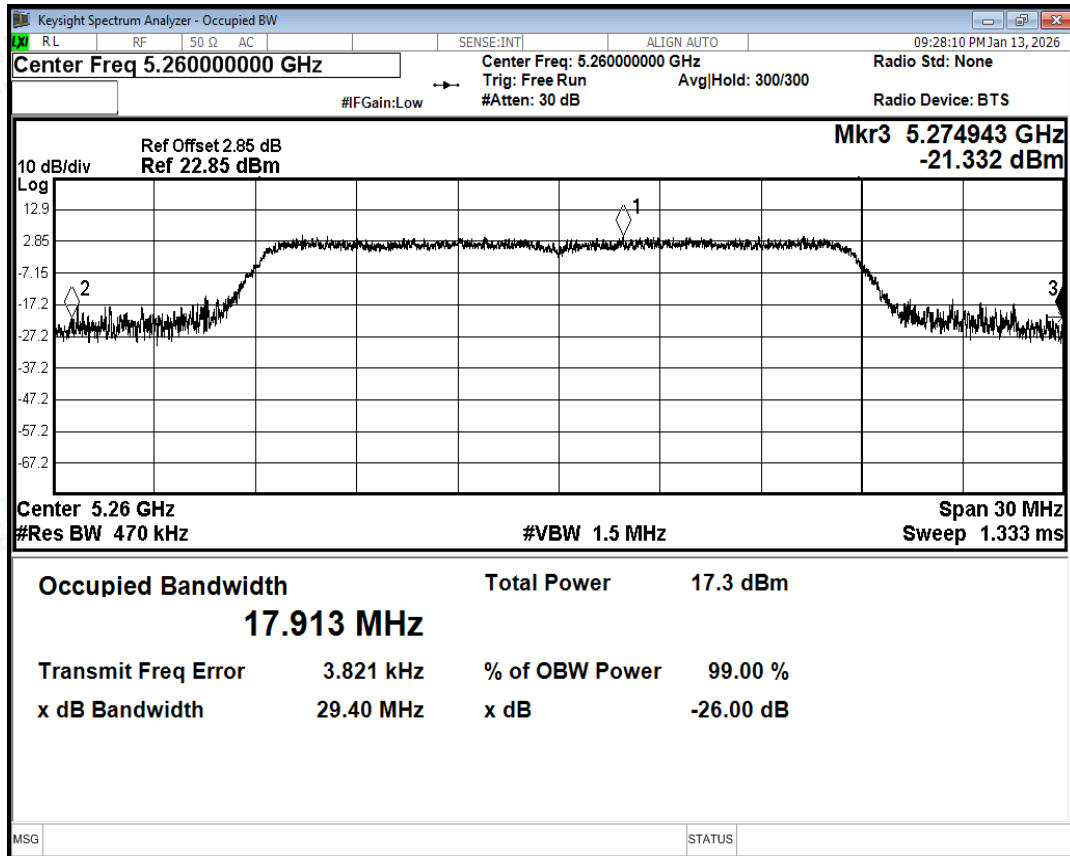


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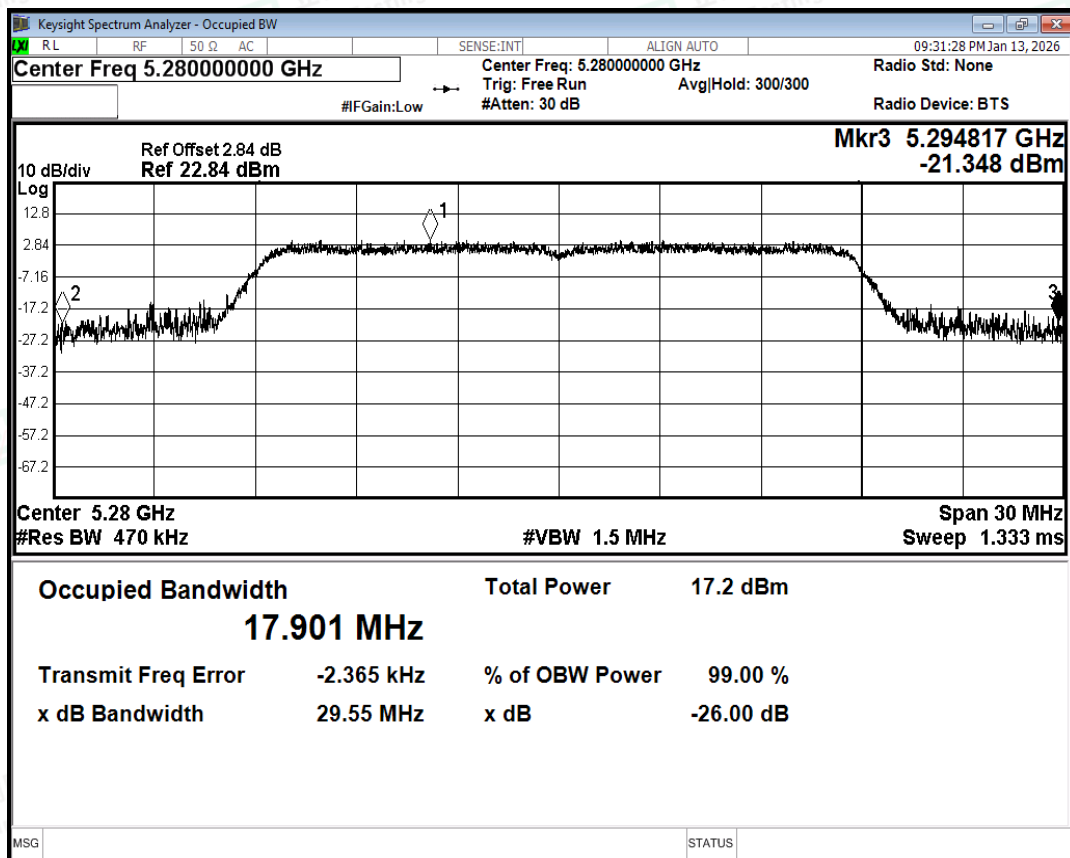
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-26dB Bandwidth NVNT n20 5260MHz Ant1



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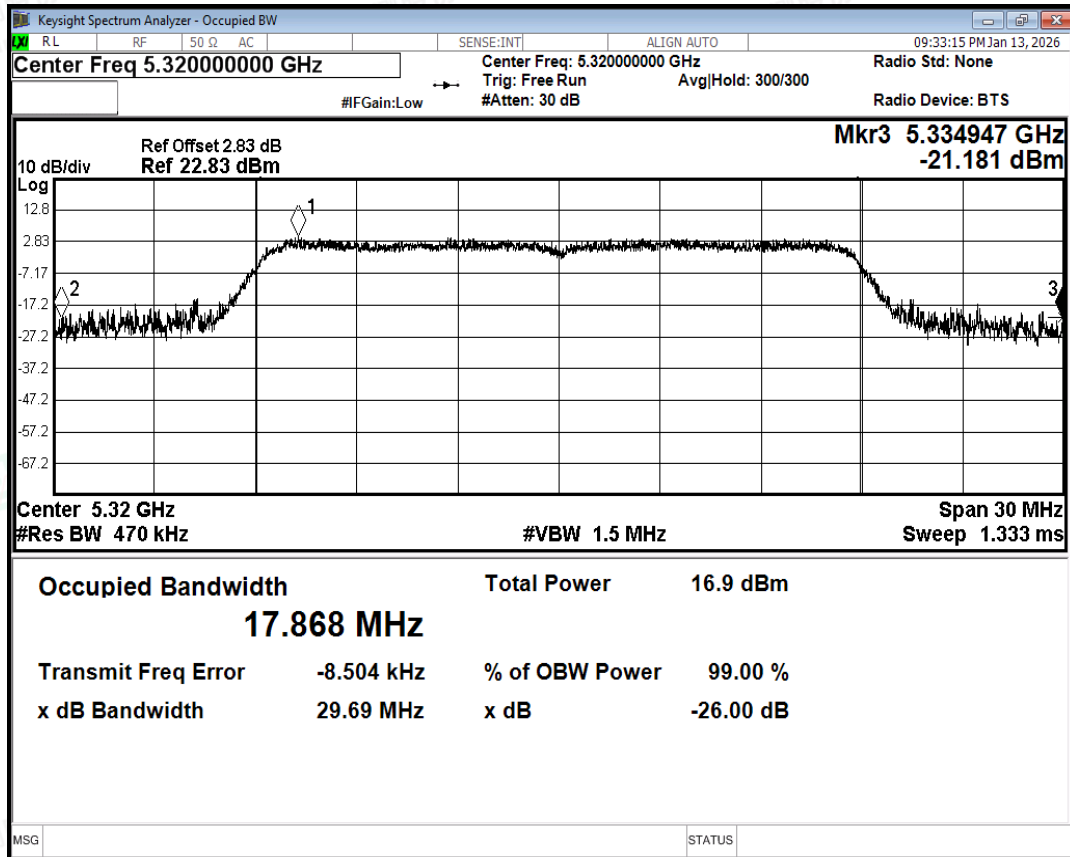
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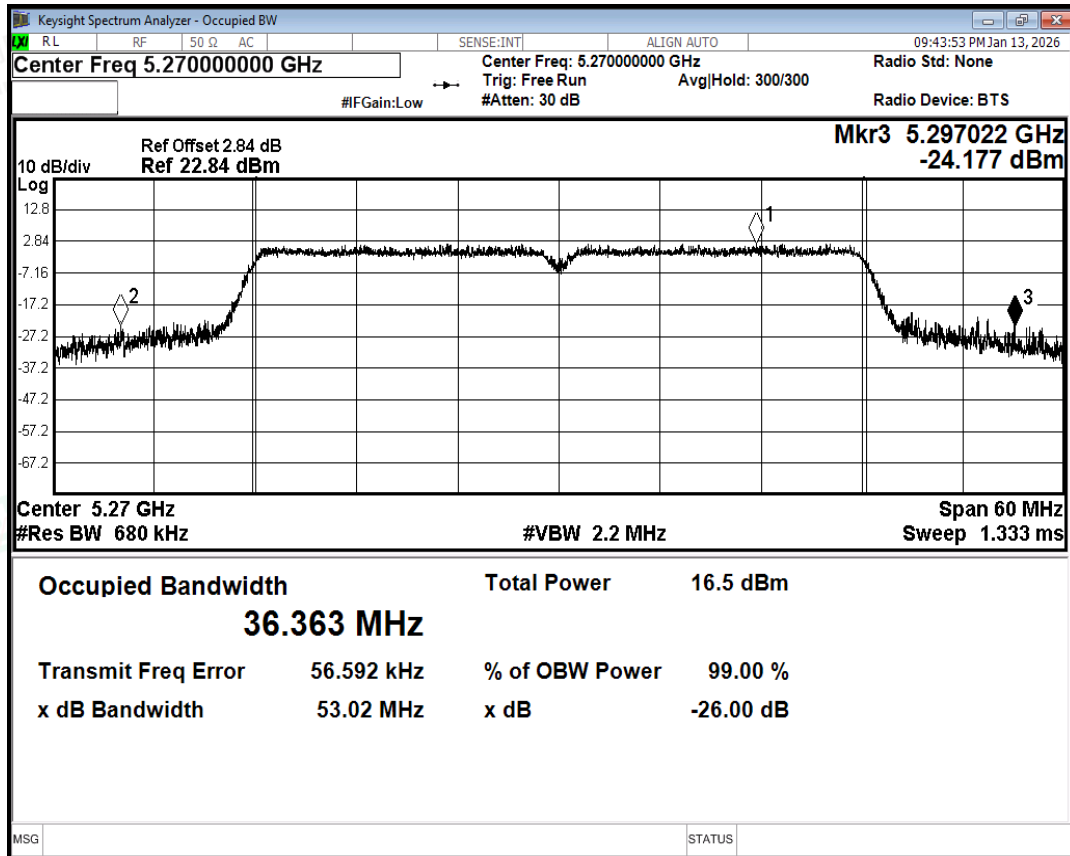


-26dB Bandwidth NVNT n20 5280MHz Ant1

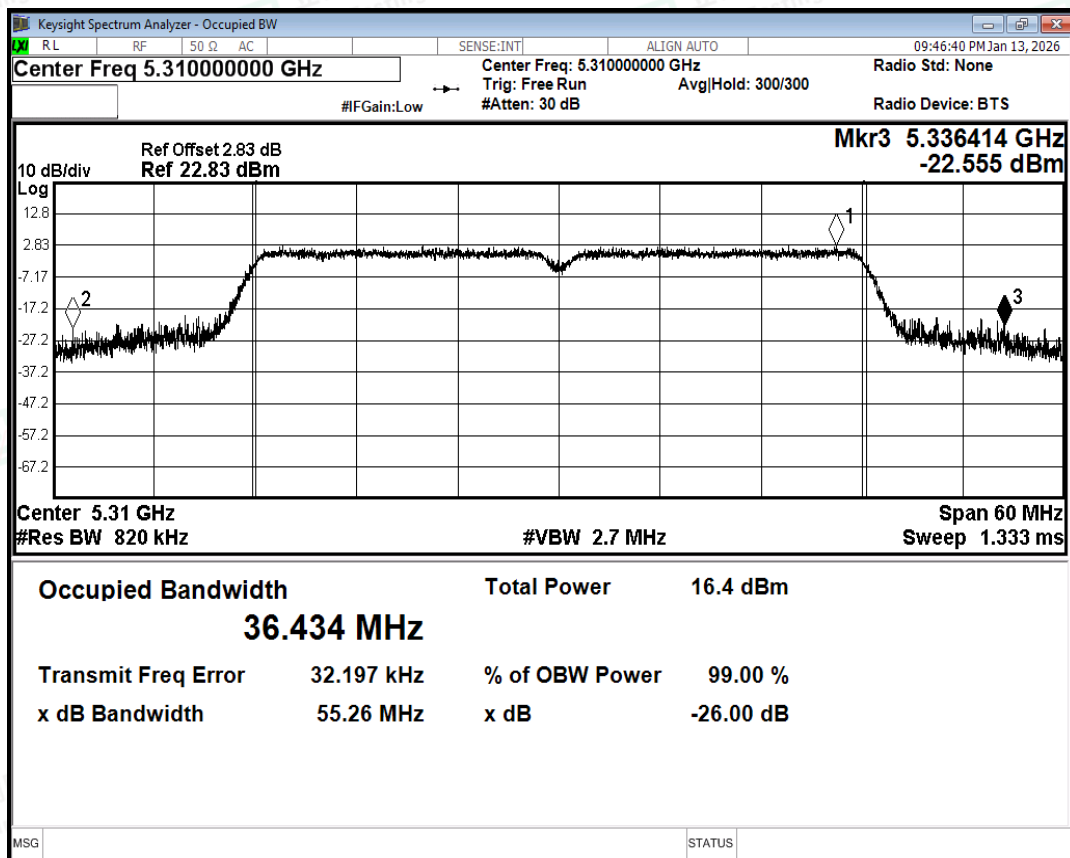


-26dB Bandwidth NVNT n20 5320MHz Ant1



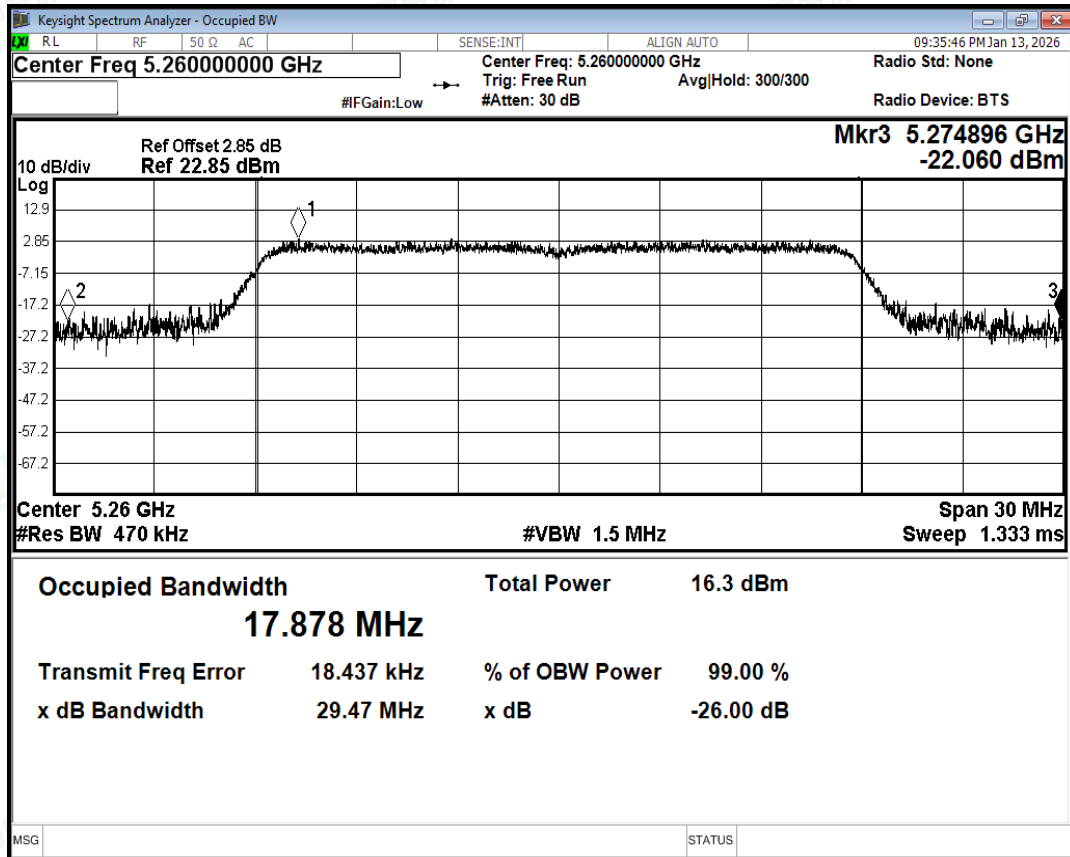


-26dB Bandwidth NVNT n40 5270MHz Ant1





-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT ac20 5260MHz Ant1

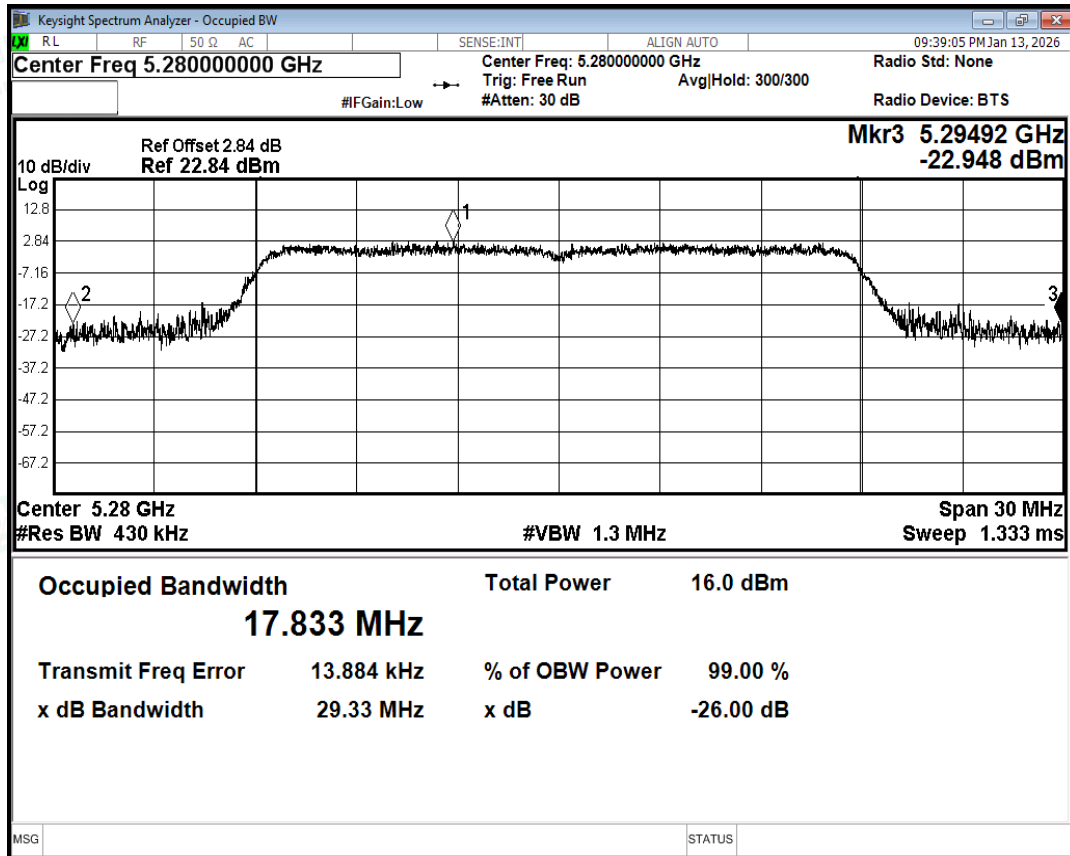


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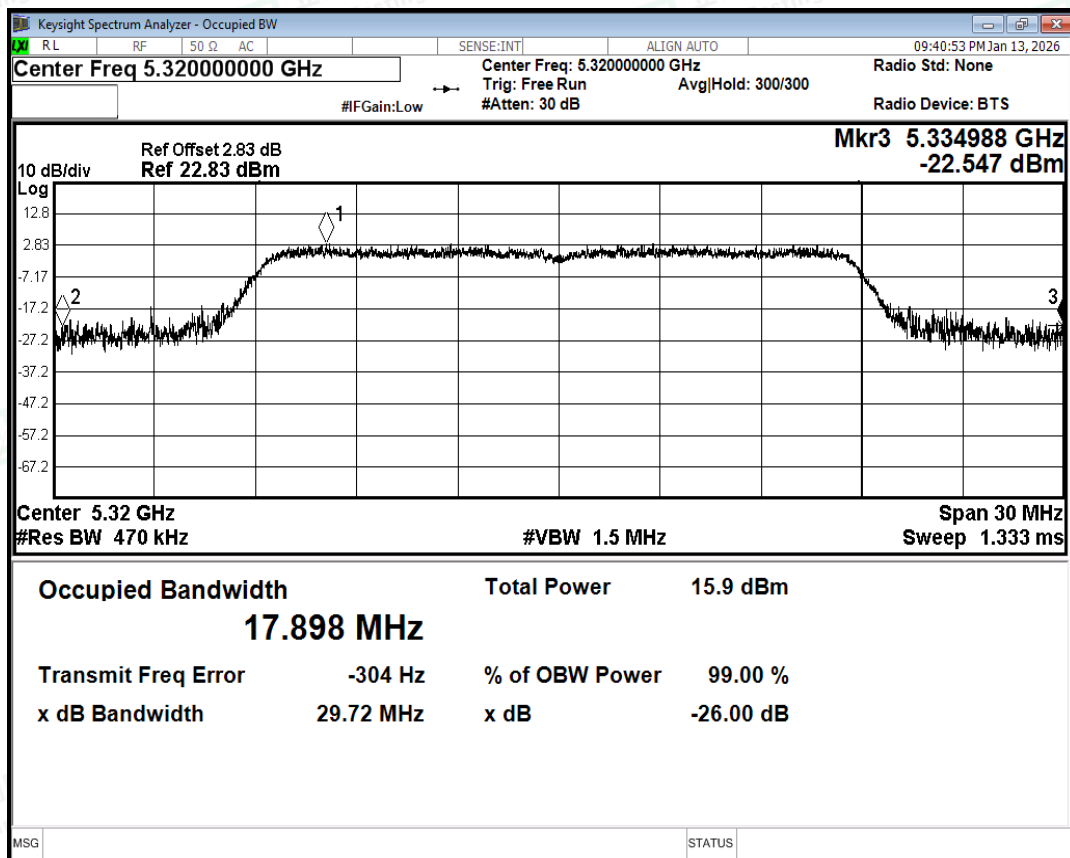
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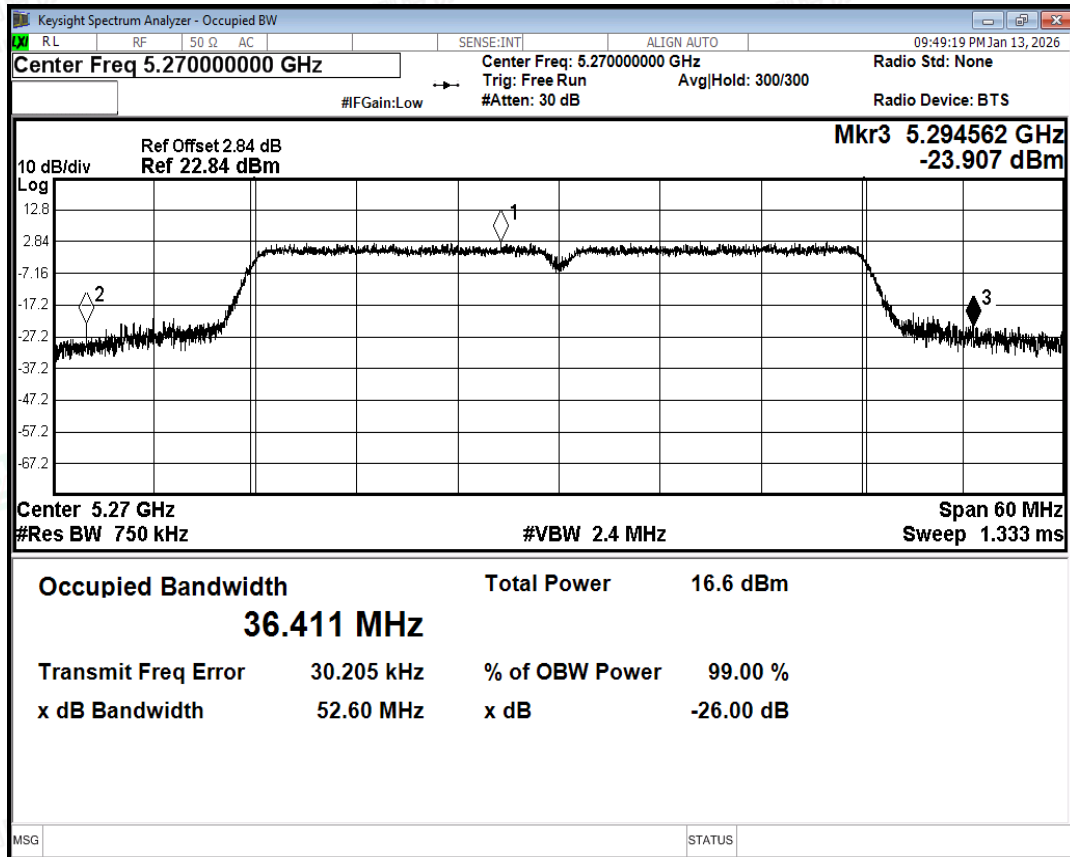


-26dB Bandwidth NVNT ac20 5280MHz Ant1





-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1

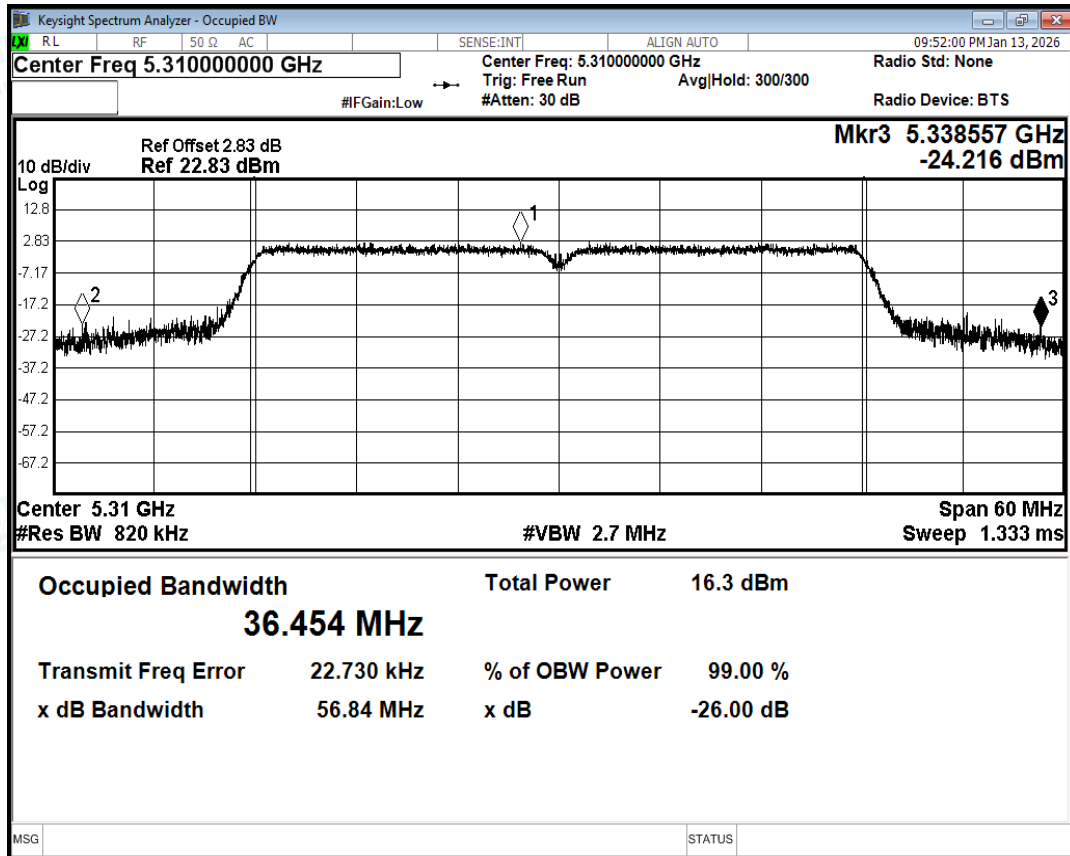


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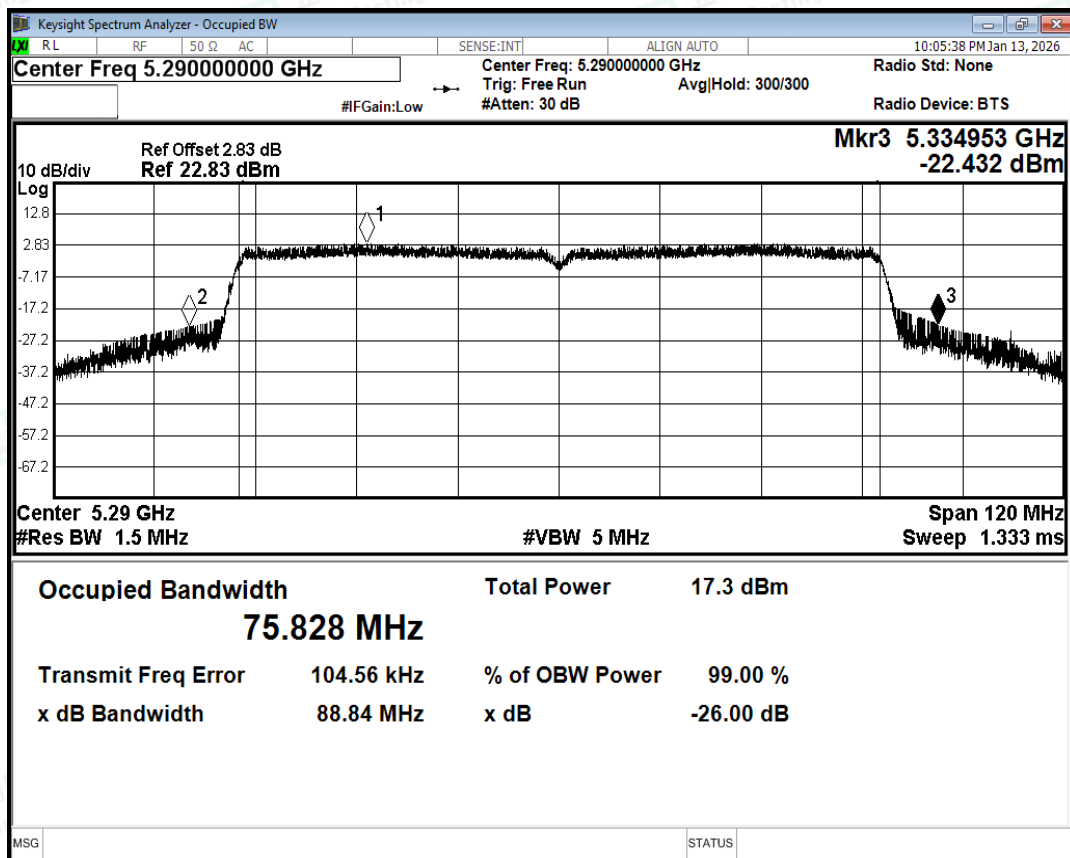
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-26dB Bandwidth NVNT ac40 5310MHz Ant1



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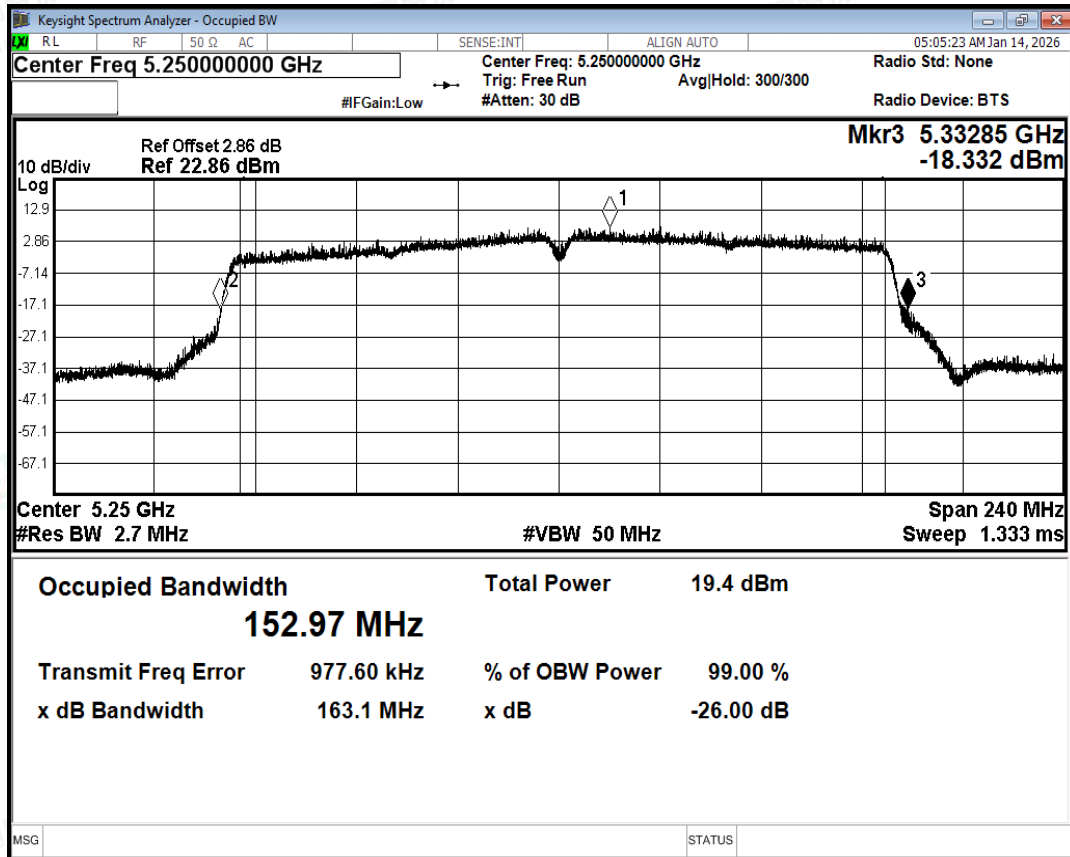
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-26dB Bandwidth NVNT ac80 5290MHz Ant1



-26dB Bandwidth NVNT ac160 5250MHz Ant1



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## E.2 Maximum Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted(dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|----------------------|---------|
| NVNT      | a     | 5260            | Ant1    | 10.73                 | 0.23             | 10.96                       | 0.01247                   | 24                   | Pass    |
| NVNT      | a     | 5280            | Ant1    | 11.03                 | 0.23             | 11.26                       | 0.01337                   | 24                   | Pass    |
| NVNT      | a     | 5320            | Ant1    | 10.69                 | 0.23             | 10.92                       | 0.01236                   | 24                   | Pass    |
| NVNT      | n20   | 5260            | Ant1    | 10.54                 | 0.11             | 10.65                       | 0.01161                   | 24                   | Pass    |
| NVNT      | n20   | 5280            | Ant1    | 10.44                 | 0.13             | 10.57                       | 0.01140                   | 24                   | Pass    |
| NVNT      | n20   | 5320            | Ant1    | 10.16                 | 0.11             | 10.27                       | 0.01064                   | 24                   | Pass    |
| NVNT      | n40   | 5270            | Ant1    | 9.48                  | 0.23             | 9.71                        | 0.00935                   | 24                   | Pass    |
| NVNT      | n40   | 5310            | Ant1    | 9.12                  | 0.23             | 9.35                        | 0.00861                   | 24                   | Pass    |
| NVNT      | ac20  | 5260            | Ant1    | 9.66                  | 0.11             | 9.77                        | 0.00948                   | 24                   | Pass    |
| NVNT      | ac20  | 5280            | Ant1    | 9.36                  | 0.11             | 9.47                        | 0.00885                   | 24                   | Pass    |
| NVNT      | ac20  | 5320            | Ant1    | 9.15                  | 0.11             | 9.26                        | 0.00843                   | 24                   | Pass    |
| NVNT      | ac40  | 5270            | Ant1    | 9.43                  | 0.23             | 9.66                        | 0.00925                   | 24                   | Pass    |
| NVNT      | ac40  | 5310            | Ant1    | 9.04                  | 0.23             | 9.27                        | 0.00845                   | 24                   | Pass    |
| NVNT      | ac80  | 5290            | Ant1    | 9.4                   | 0.46             | 9.86                        | 0.00968                   | 24                   | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | 8.84                  | 0.73             | 9.57                        | 0.00906                   | 24                   | Pass    |

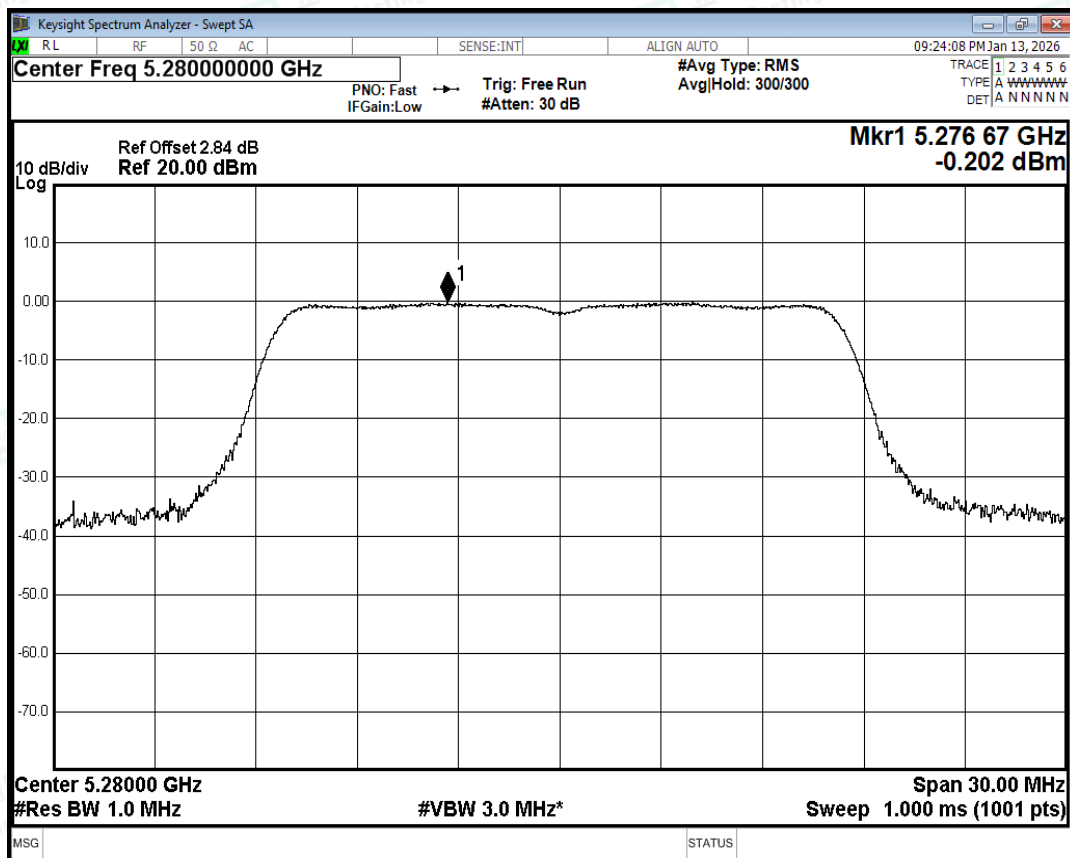
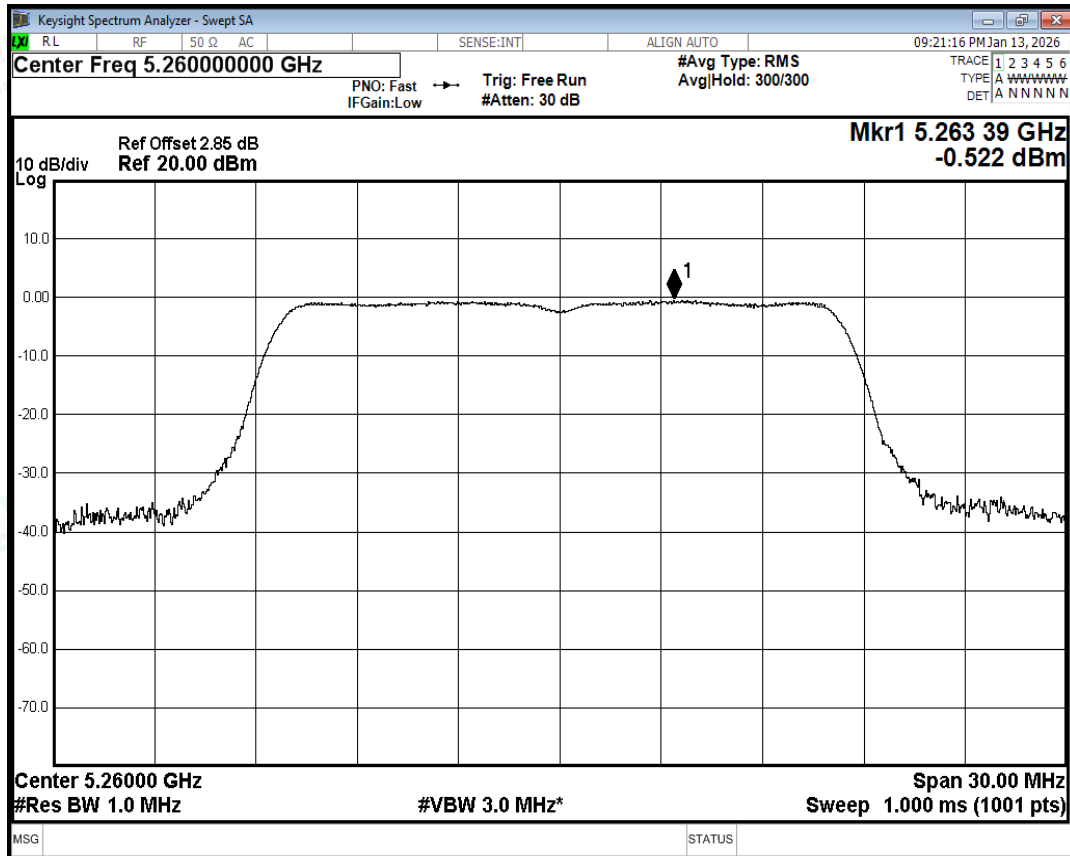




### E.3 Maximum Power Spectral Density Level

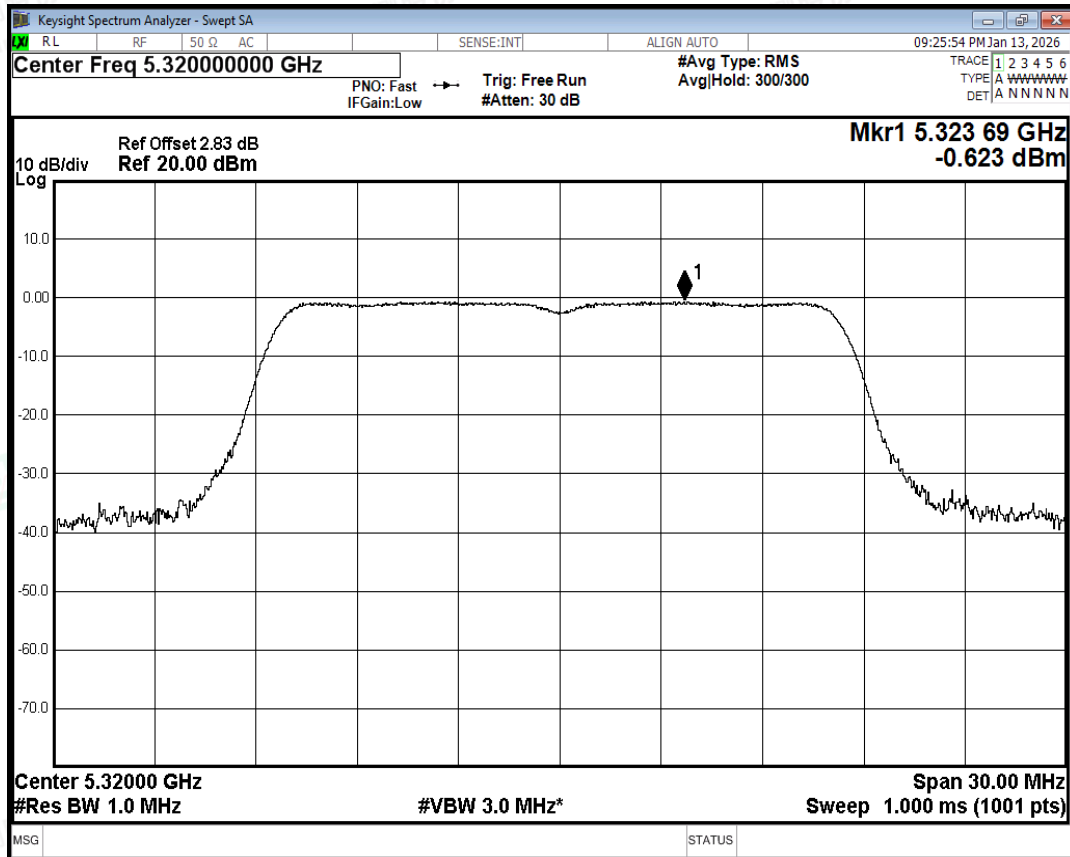
| Condition | Mode  | Frequency (MHz) | Antenna | Conducted PSD(dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a     | 5260            | Ant1    | -0.52                  | 0.23             | -0.29               | 11              | Pass    |
| NVNT      | a     | 5280            | Ant1    | -0.2                   | 0.23             | 0.03                | 11              | Pass    |
| NVNT      | a     | 5320            | Ant1    | -0.62                  | 0.23             | -0.39               | 11              | Pass    |
| NVNT      | n20   | 5260            | Ant1    | -0.96                  | 0.11             | -0.85               | 11              | Pass    |
| NVNT      | n20   | 5280            | Ant1    | -1.14                  | 0.13             | -1.01               | 11              | Pass    |
| NVNT      | n20   | 5320            | Ant1    | -1.31                  | 0.11             | -1.2                | 11              | Pass    |
| NVNT      | n40   | 5270            | Ant1    | -5.1                   | 0.23             | -4.87               | 11              | Pass    |
| NVNT      | n40   | 5310            | Ant1    | -5.51                  | 0.23             | -5.28               | 11              | Pass    |
| NVNT      | ac20  | 5260            | Ant1    | -1.77                  | 0.11             | -1.66               | 11              | Pass    |
| NVNT      | ac20  | 5280            | Ant1    | -2.16                  | 0.11             | -2.05               | 11              | Pass    |
| NVNT      | ac20  | 5320            | Ant1    | -2.29                  | 0.11             | -2.18               | 11              | Pass    |
| NVNT      | ac40  | 5270            | Ant1    | -5.28                  | 0.23             | -5.05               | 11              | Pass    |
| NVNT      | ac40  | 5310            | Ant1    | -5.62                  | 0.23             | -5.39               | 11              | Pass    |
| NVNT      | ac80  | 5290            | Ant1    | -8.14                  | 0.46             | -7.68               | 11              | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | -8.74                  | 0.73             | -8.01               | 11              | Pass    |







## PSD NVNT a 5280MHz Ant1



## PSD NVNT a 5320MHz Ant1

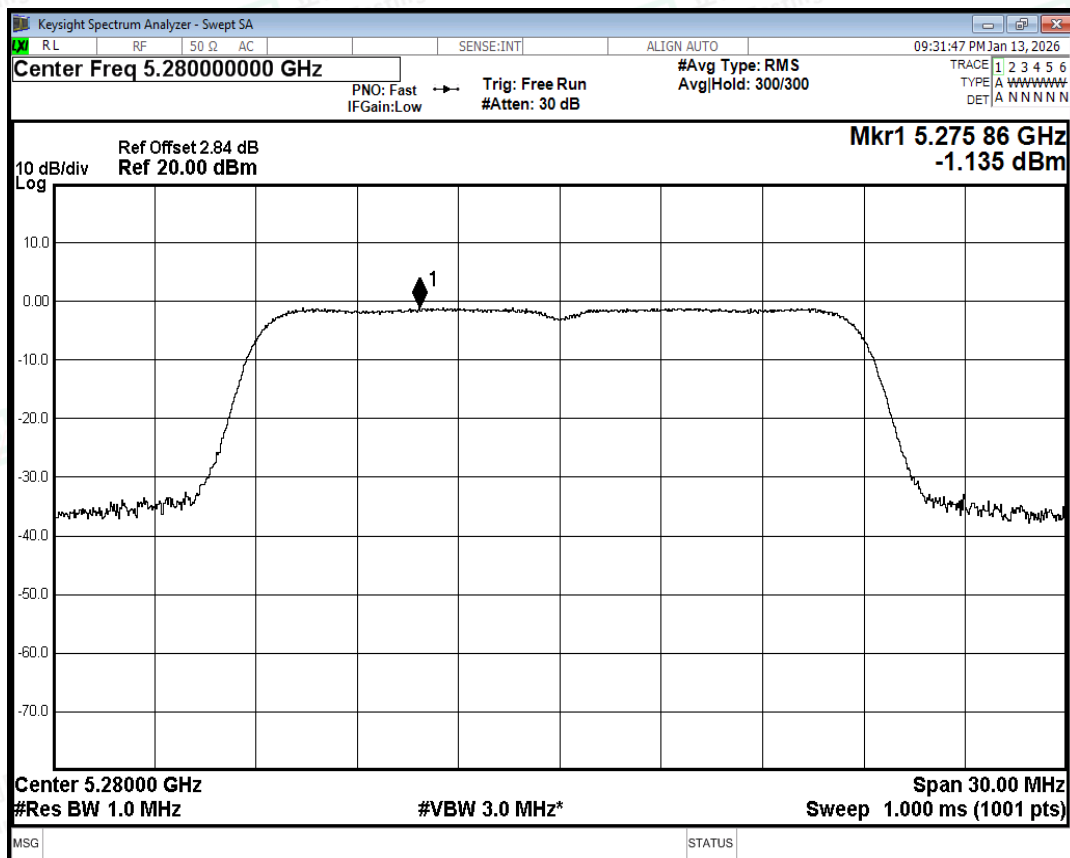
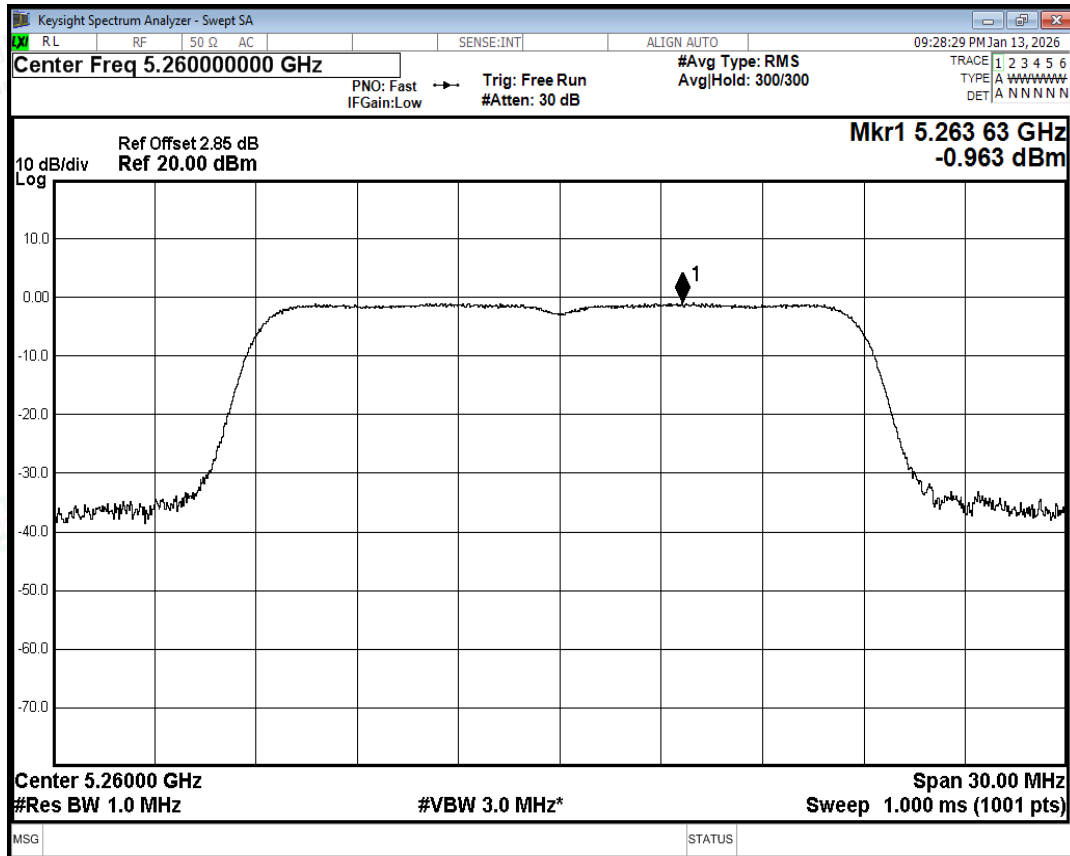


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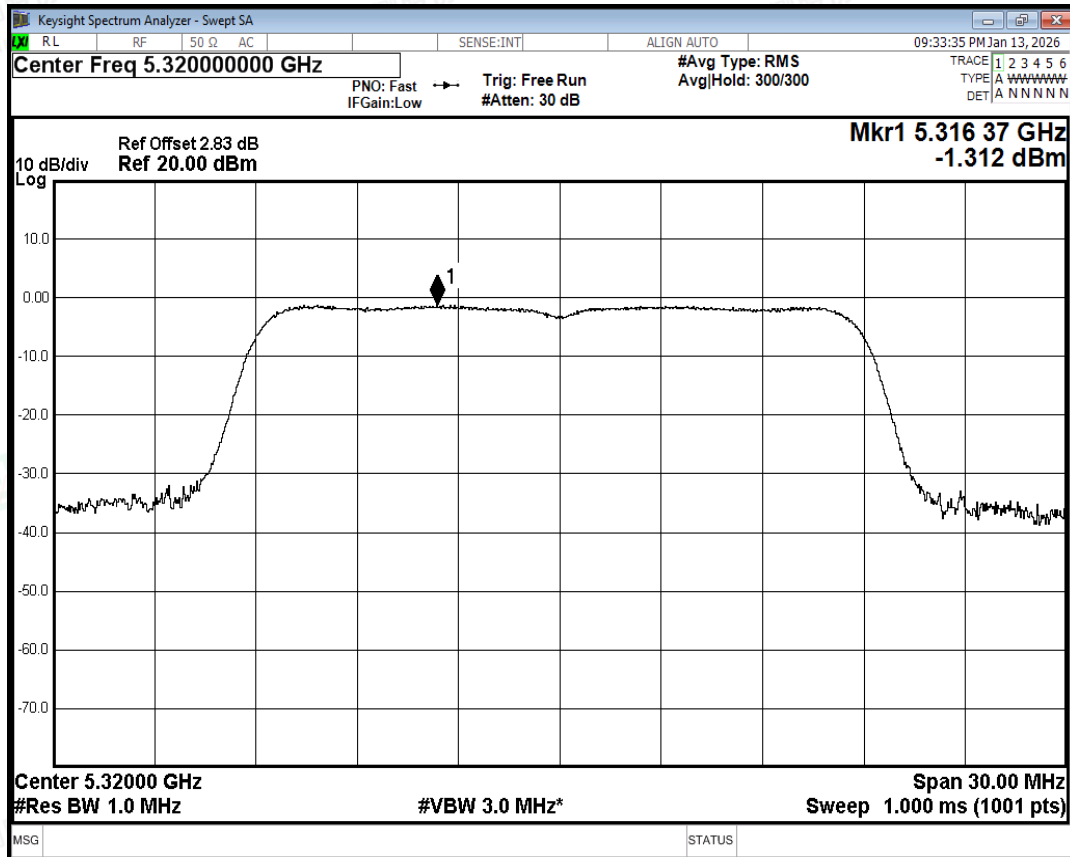
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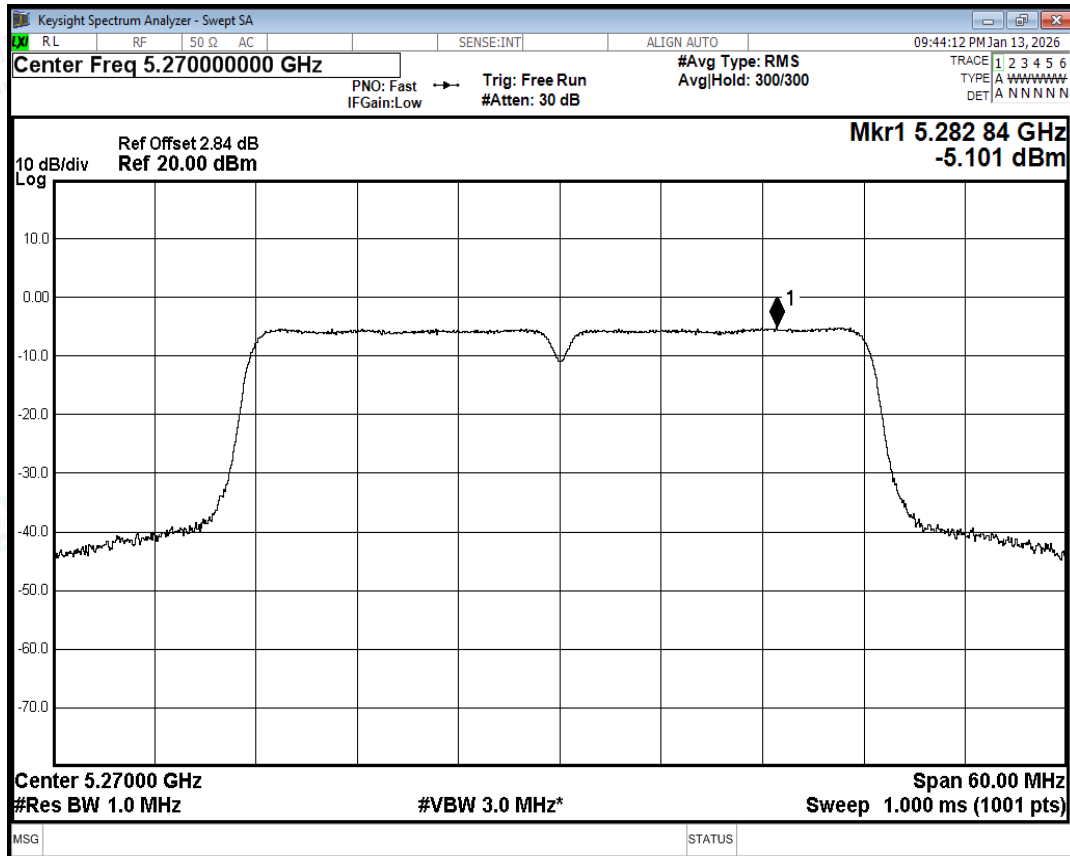


## PSD NVNT n20 5280MHz Ant1

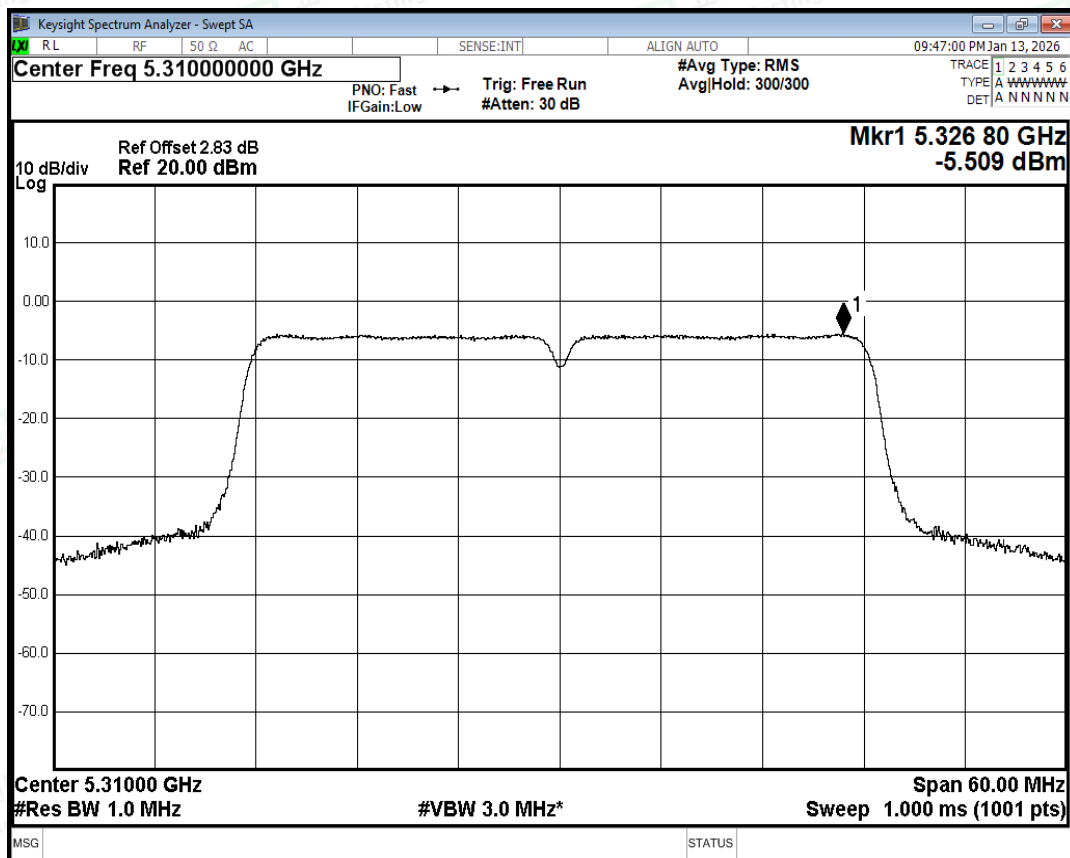


## PSD NVNT n20 5320MHz Ant1





PSD NVNT n40 5270MHz Ant1



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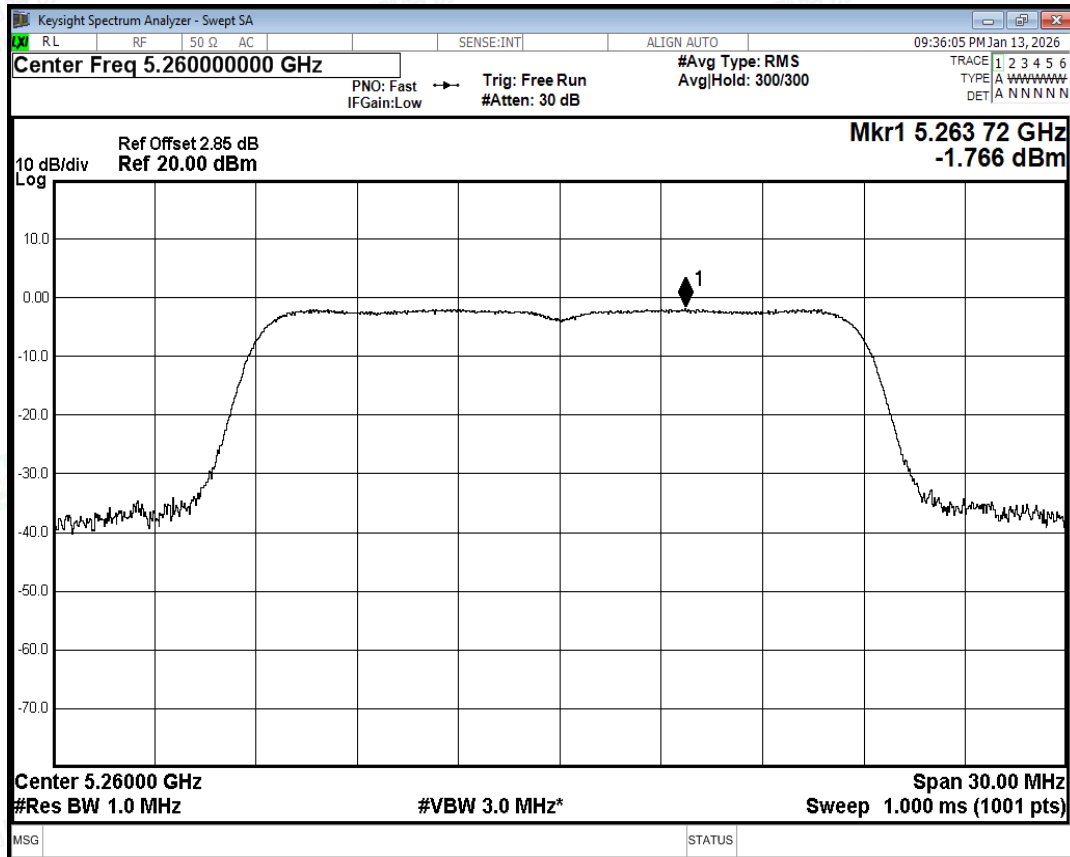
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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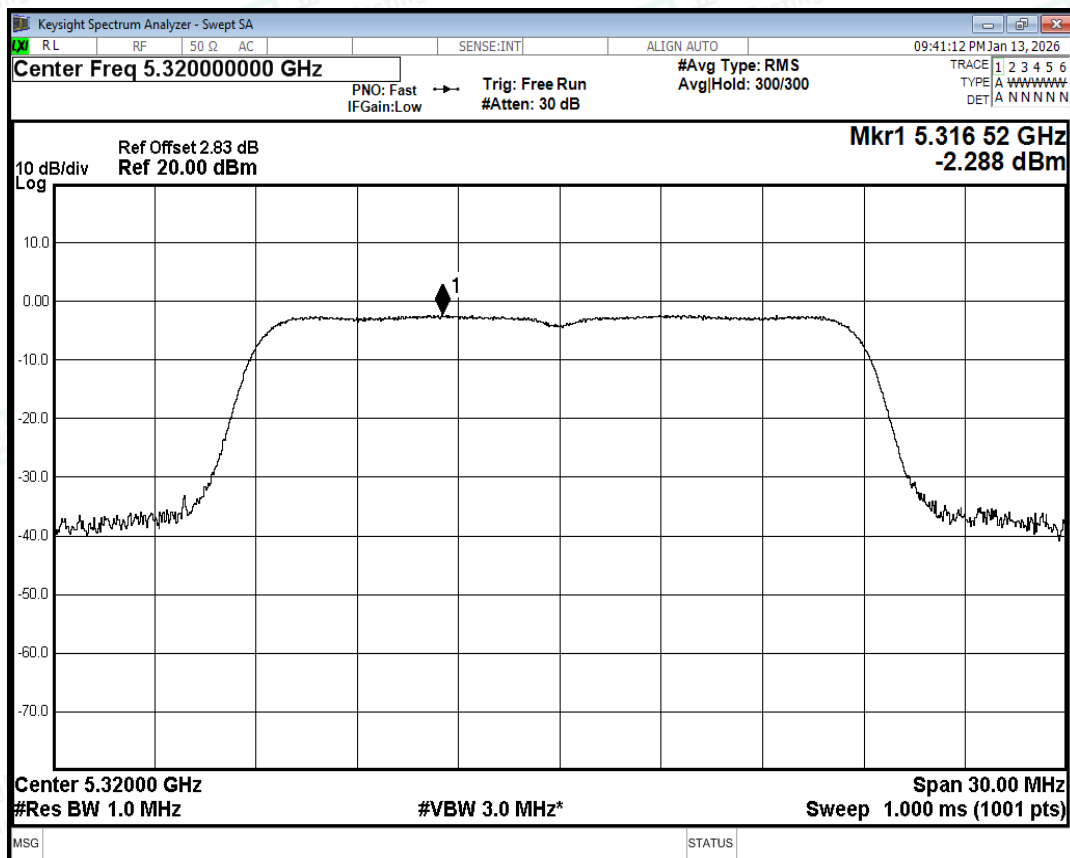
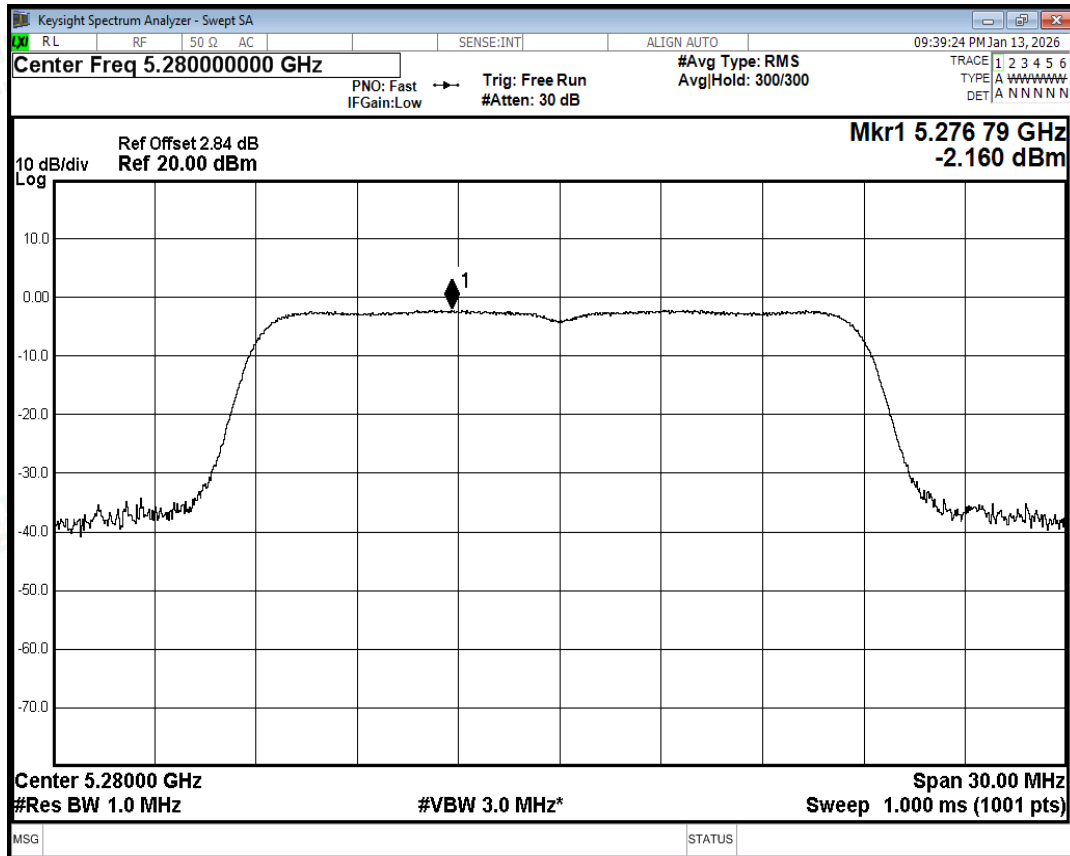


## PSD NVNT n40 5310MHz Ant1



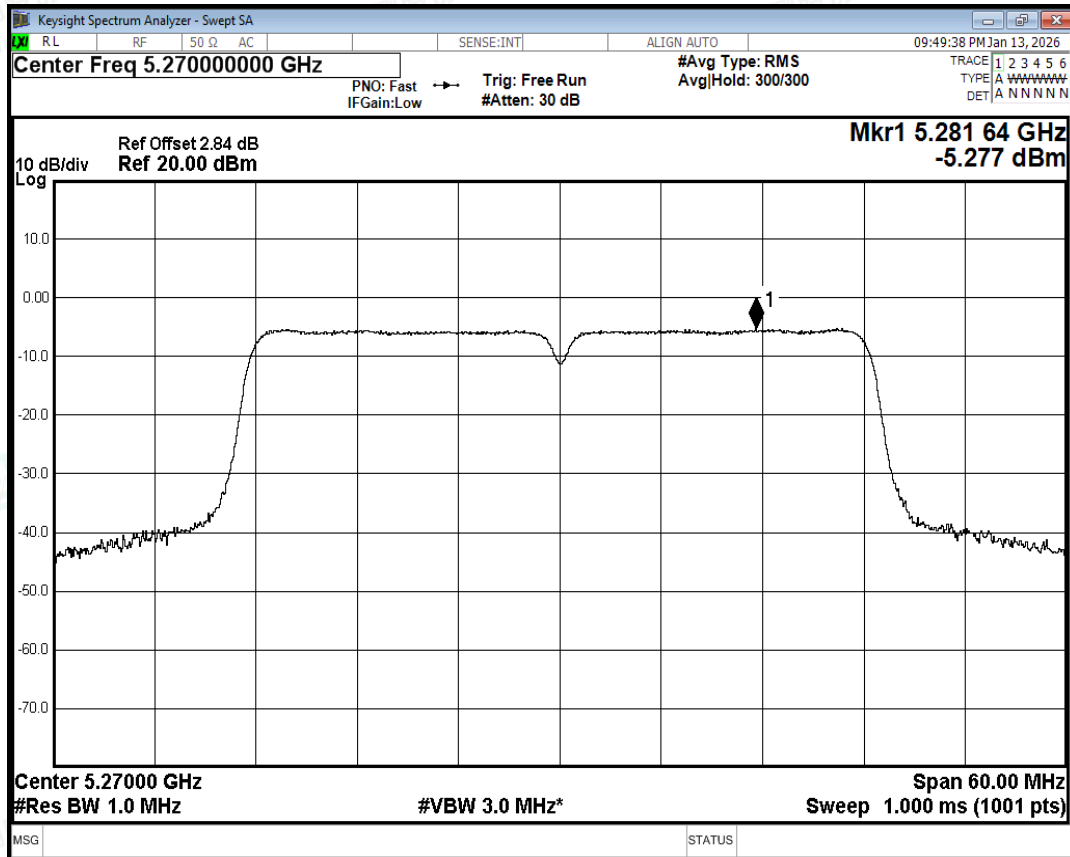
## PSD NVNT ac20 5260MHz Ant1





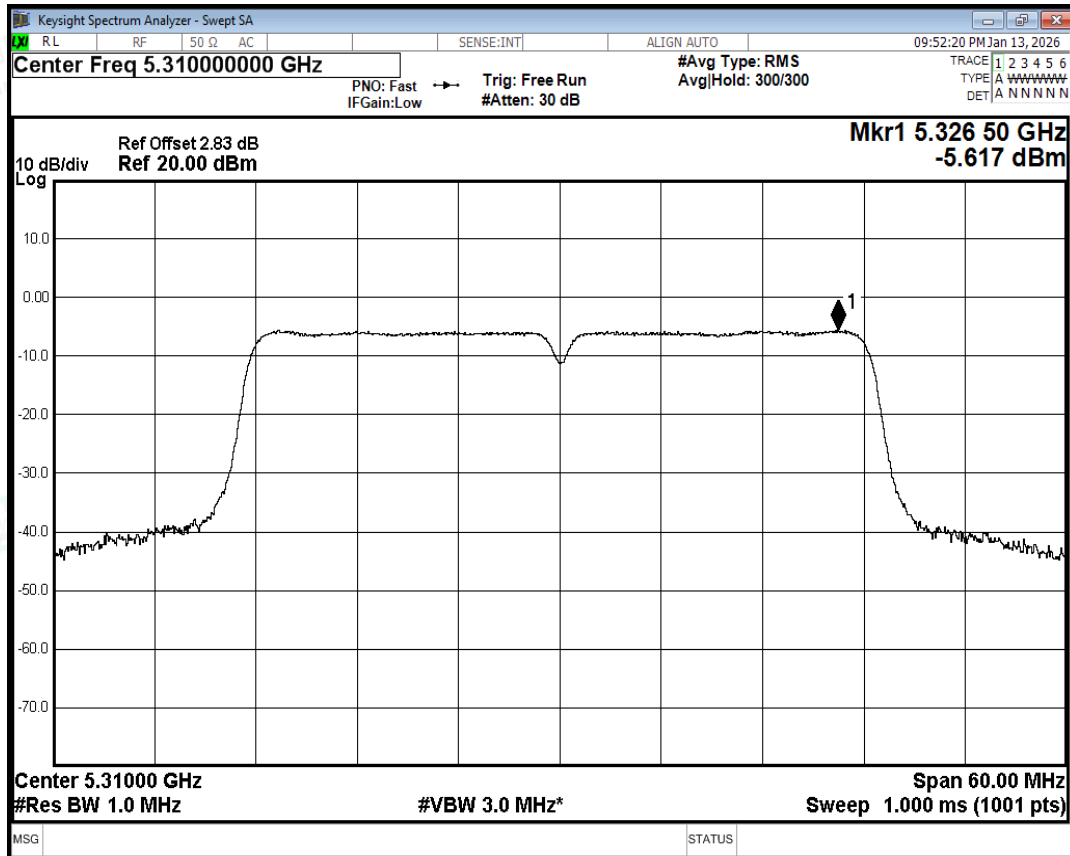


PSD NVNT ac20 5320MHz Ant1

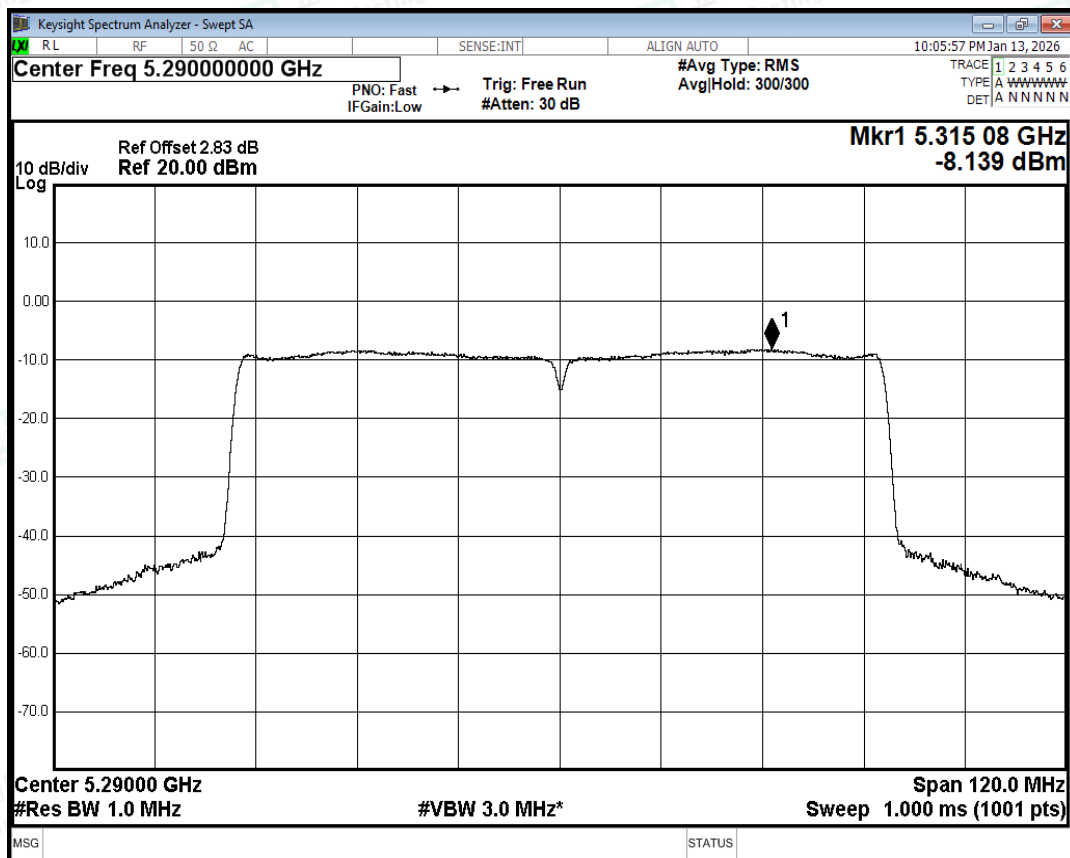


PSD NVNT ac40 5270MHz Ant1



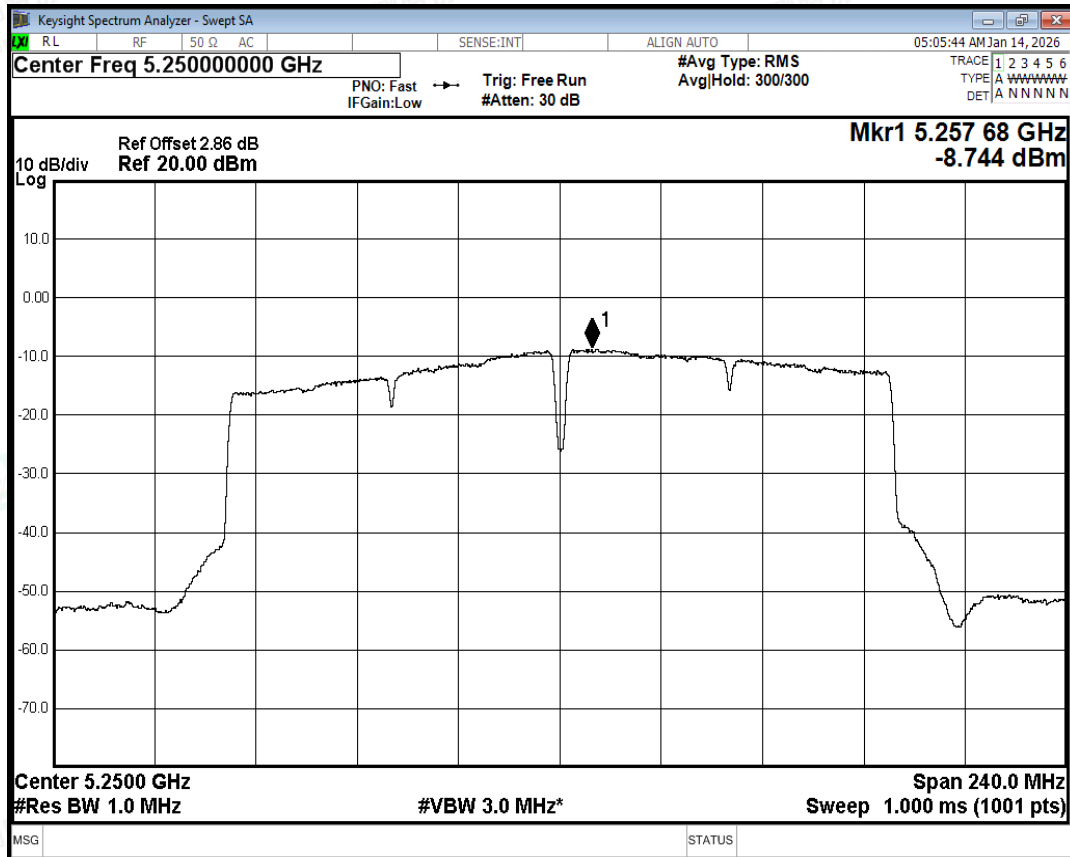


PSD NVNT ac40 5310MHz Ant1





PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac160 5250MHz Ant1





## E.4 Restrict Band

| Condition | Mode | Frequency<br>(MHz) | Antenna | Spur Freq<br>(MHz) | Power<br>(dBm) | Gain<br>(dBi) | E<br>(dBuV/m) | Detector | Limit<br>(dBuV/m) | Verdict |
|-----------|------|--------------------|---------|--------------------|----------------|---------------|---------------|----------|-------------------|---------|
| NVNT      | a    | 5260               | Ant1    | 4500               | -52.24         | 2             | 44.99         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5260               | Ant1    | 4500               | -59.13         | 2             | 38.1          | Average  | 54                | Pass    |
| NVNT      | a    | 5260               | Ant1    | 5083.44            | -47            | 2             | 50.23         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5260               | Ant1    | 5039.76            | -56.65         | 2             | 40.58         | Average  | 54                | Pass    |
| NVNT      | a    | 5260               | Ant1    | 5150               | -49.39         | 2             | 47.84         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5260               | Ant1    | 5150               | -57.22         | 2             | 40.01         | Average  | 54                | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5350               | -49.46         | 2             | 47.77         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5350               | -56.62         | 2             | 40.61         | Average  | 54                | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5351               | -47.41         | 2             | 49.82         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5350               | -56.62         | 2             | 40.61         | Average  | 54                | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5460               | -50.28         | 2             | 46.95         | Peak     | 68.2              | Pass    |
| NVNT      | a    | 5320               | Ant1    | 5460               | -57.19         | 2             | 40.04         | Average  | 54                | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 4500               | -52.57         | 2             | 44.66         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 4500               | -59.18         | 2             | 38.05         | Average  | 54                | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 5119.32            | -47.41         | 2             | 49.82         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 5046.78            | -56.85         | 2             | 40.38         | Average  | 54                | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 5150               | -50.14         | 2             | 47.09         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 5150               | -57.49         | 2             | 39.74         | Average  | 54                | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5350               | -46.01         | 2             | 51.22         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5350               | -56.31         | 2             | 40.92         | Average  | 54                | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5353.2             | -45.37         | 2             | 51.86         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5350               | -56.31         | 2             | 40.92         | Average  | 54                | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5460               | -50.6          | 2             | 46.63         | Peak     | 68.2              | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 5460               | -57.49         | 2             | 39.74         | Average  | 54                | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 4500               | -51.78         | 2             | 45.45         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 4500               | -58.98         | 2             | 38.25         | Average  | 54                | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 5126.94            | -46.64         | 2             | 50.59         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 4806.99            | -56.26         | 2             | 40.97         | Average  | 54                | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 5150               | -50.46         | 2             | 46.77         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 5150               | -57.35         | 2             | 39.88         | Average  | 54                | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5350               | -45.29         | 2             | 51.94         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5350               | -56.02         | 2             | 41.21         | Average  | 54                | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5350.6             | -45.05         | 2             | 52.18         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5350               | -56.02         | 2             | 41.21         | Average  | 54                | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5460               | -51.07         | 2             | 46.16         | Peak     | 68.2              | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 5460               | -57.42         | 2             | 39.81         | Average  | 54                | Pass    |
| NVNT      | ac20 | 5260               | Ant1    | 4500               | -52.48         | 2             | 44.75         | Peak     | 68.2              | Pass    |
| NVNT      | ac20 | 5260               | Ant1    | 4500               | -59.02         | 2             | 38.21         | Average  | 54                | Pass    |
| NVNT      | ac20 | 5260               | Ant1    | 5085.78            | -47.18         | 2             | 50.05         | Peak     | 68.2              | Pass    |



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|------|-------|------|------|---------|--------|---|-------|---------|------|------|
| NVNT | ac20  | 5260 | Ant1 | 5053.02 | -56.83 | 2 | 40.4  | Average | 54   | Pass |
| NVNT | ac20  | 5260 | Ant1 | 5150    | -50.78 | 2 | 46.45 | Peak    | 68.2 | Pass |
| NVNT | ac20  | 5260 | Ant1 | 5150    | -57.34 | 2 | 39.89 | Average | 54   | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5350    | -48.89 | 2 | 48.34 | Peak    | 68.2 | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5350    | -56.31 | 2 | 40.92 | Average | 54   | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5350.4  | -46.18 | 2 | 51.05 | Peak    | 68.2 | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5350.4  | -56.23 | 2 | 41    | Average | 54   | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5460    | -51.94 | 2 | 45.29 | Peak    | 68.2 | Pass |
| NVNT | ac20  | 5320 | Ant1 | 5460    | -57.44 | 2 | 39.79 | Average | 54   | Pass |
| NVNT | ac40  | 5270 | Ant1 | 4500    | -51.62 | 2 | 45.61 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5270 | Ant1 | 4500    | -58.9  | 2 | 38.33 | Average | 54   | Pass |
| NVNT | ac40  | 5270 | Ant1 | 5052.42 | -46.88 | 2 | 50.35 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5270 | Ant1 | 4806.99 | -56.37 | 2 | 40.86 | Average | 54   | Pass |
| NVNT | ac40  | 5270 | Ant1 | 5150    | -48.57 | 2 | 48.66 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5270 | Ant1 | 5150    | -57.23 | 2 | 40    | Average | 54   | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5350    | -46.66 | 2 | 50.57 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5350    | -56.14 | 2 | 41.09 | Average | 54   | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5351.2  | -43.75 | 2 | 53.48 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5350.2  | -55.9  | 2 | 41.33 | Average | 54   | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5460    | -51.39 | 2 | 45.84 | Peak    | 68.2 | Pass |
| NVNT | ac40  | 5310 | Ant1 | 5460    | -57.36 | 2 | 39.87 | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5350    | -47.95 | 2 | 49.28 | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5350    | -55.59 | 2 | 41.64 | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5358.75 | -46.97 | 2 | 50.26 | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5351.25 | -55.35 | 2 | 41.88 | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5460    | -49.8  | 2 | 47.43 | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5460    | -57.1  | 2 | 40.13 | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 4500    | -49.93 | 2 | 47.3  | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 4500    | -58.63 | 2 | 38.6  | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5054.19 | -47.12 | 2 | 50.11 | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5147.28 | -55.82 | 2 | 41.41 | Average | 54   | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5150    | -50.15 | 2 | 47.08 | Peak    | 68.2 | Pass |
| NVNT | ac80  | 5290 | Ant1 | 5150    | -55.75 | 2 | 41.48 | Average | 54   | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5350    | -48.91 | 2 | 48.32 | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5350    | -56.4  | 2 | 40.83 | Average | 54   | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5442.61 | -47.02 | 2 | 50.21 | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5449.64 | -55.63 | 2 | 41.6  | Average | 54   | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5460    | -49.03 | 2 | 48.2  | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5460    | -56.37 | 2 | 40.86 | Average | 54   | Pass |
| NVNT | ac160 | 5250 | Ant1 | 4500    | -52.12 | 2 | 45.11 | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 4500    | -58.46 | 2 | 38.77 | Average | 54   | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5087.86 | -46.73 | 2 | 50.5  | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5039.63 | -55.81 | 2 | 41.42 | Average | 54   | Pass |



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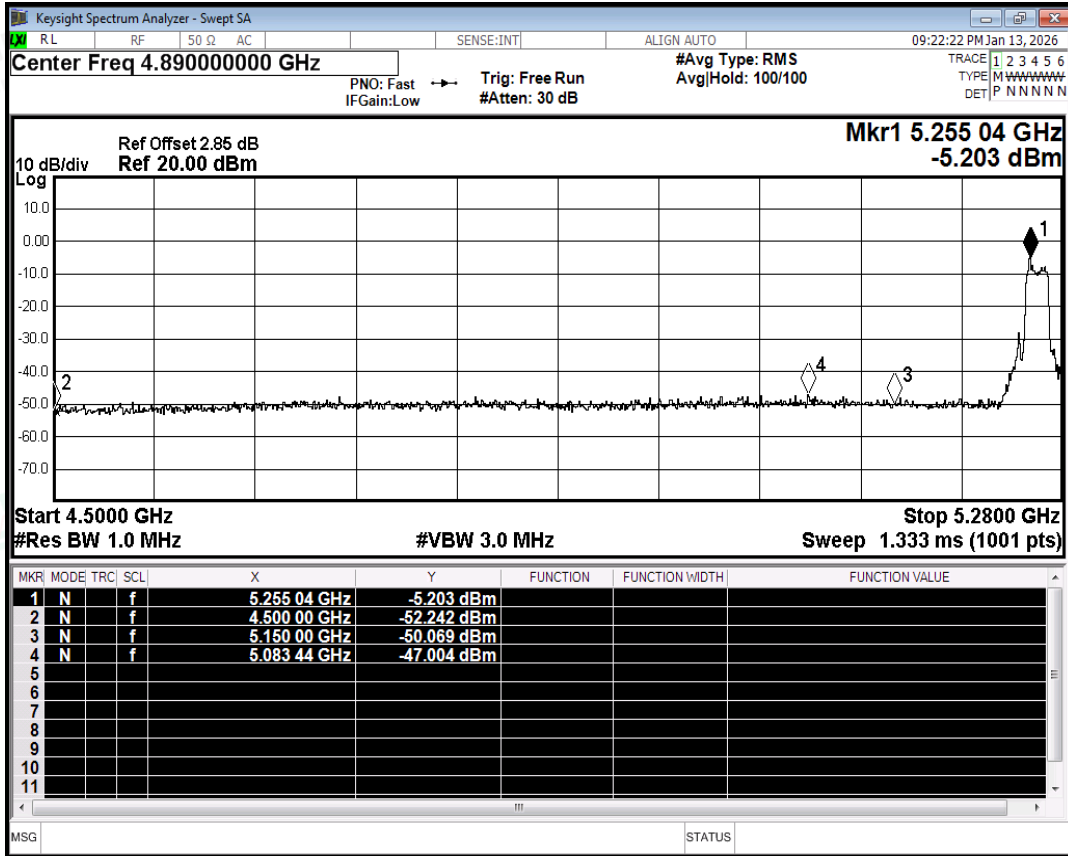
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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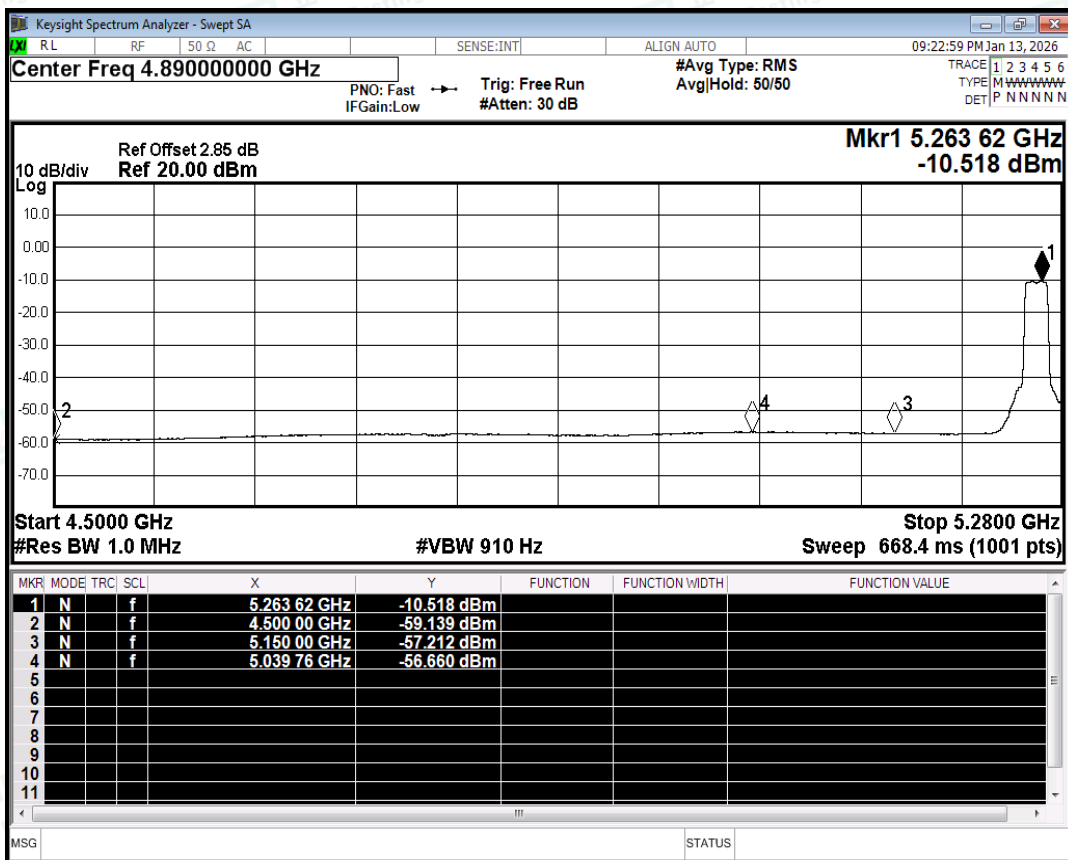


|      |       |      |      |      |        |   |       |         |      |      |
|------|-------|------|------|------|--------|---|-------|---------|------|------|
| NVNT | ac160 | 5250 | Ant1 | 5150 | -48.06 | 2 | 49.17 | Peak    | 68.2 | Pass |
| NVNT | ac160 | 5250 | Ant1 | 5150 | -56.09 | 2 | 41.14 | Average | 54   | Pass |





Restrict Band NVNT a 5260MHz Ant1 Peak



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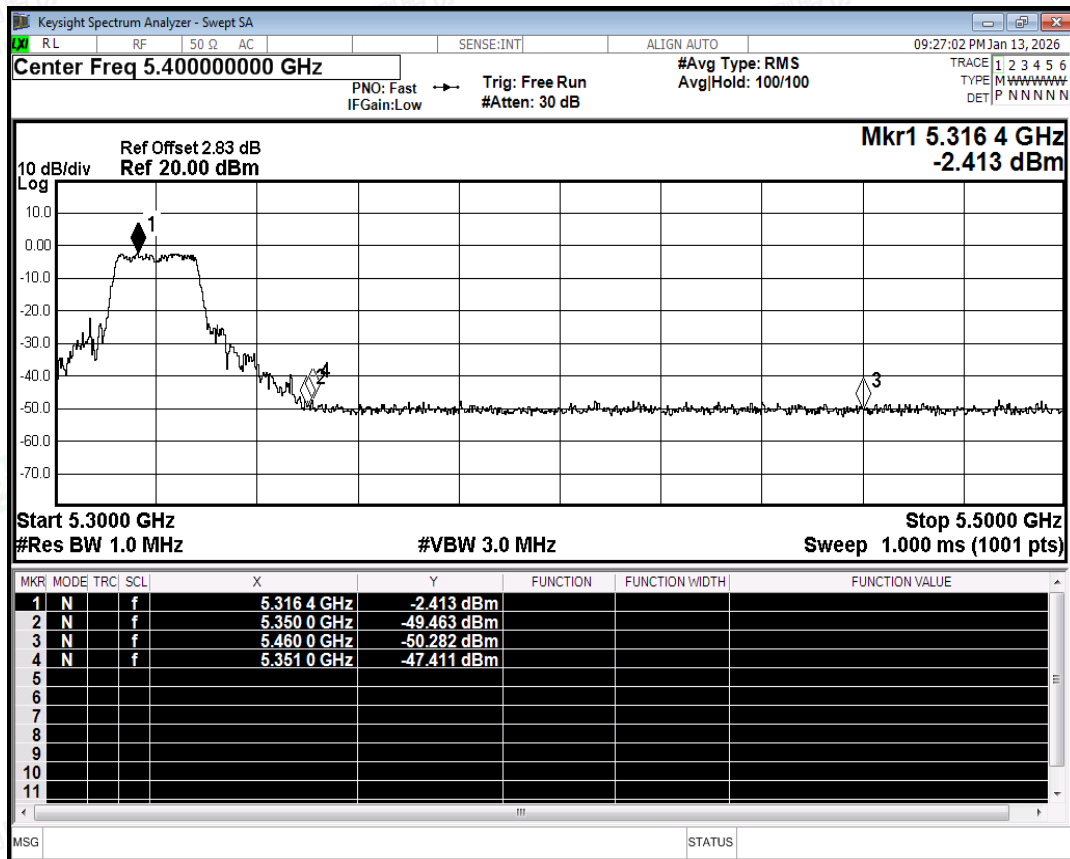
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Restrict Band NVNT a 5260MHz Ant1 Average



## Restrict Band NVNT a 5320MHz Ant1 Peak

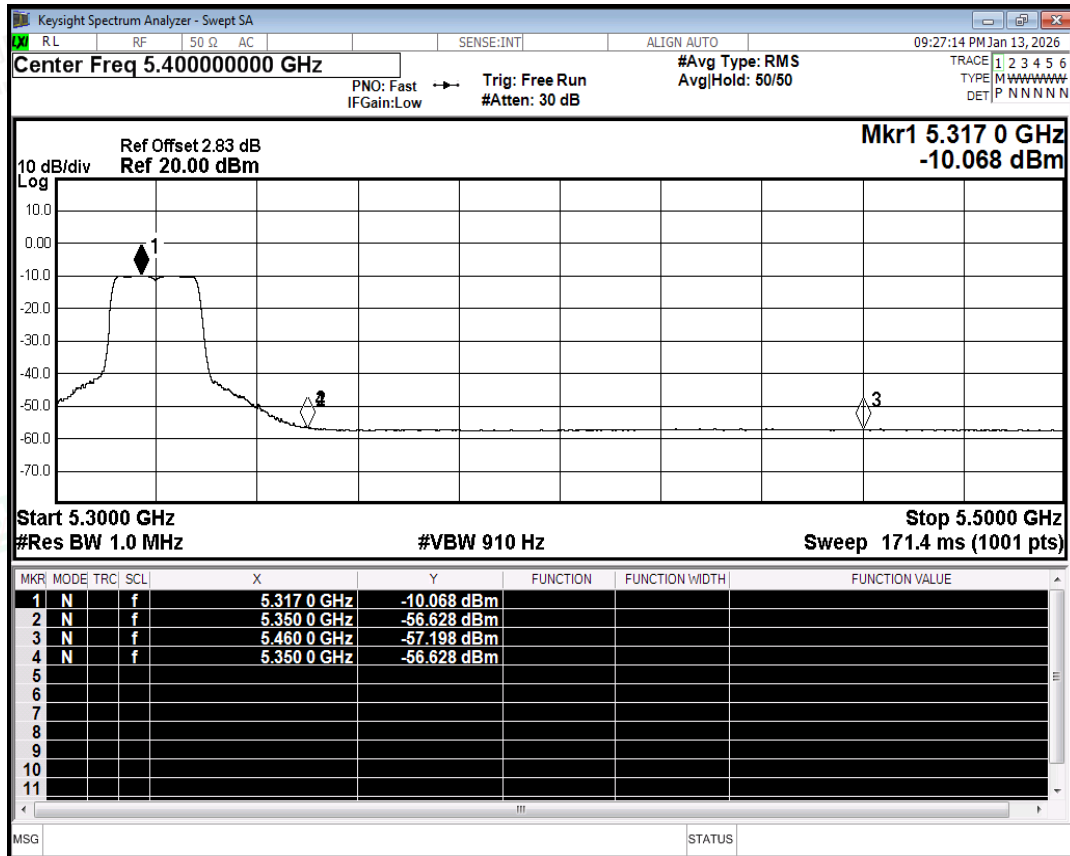


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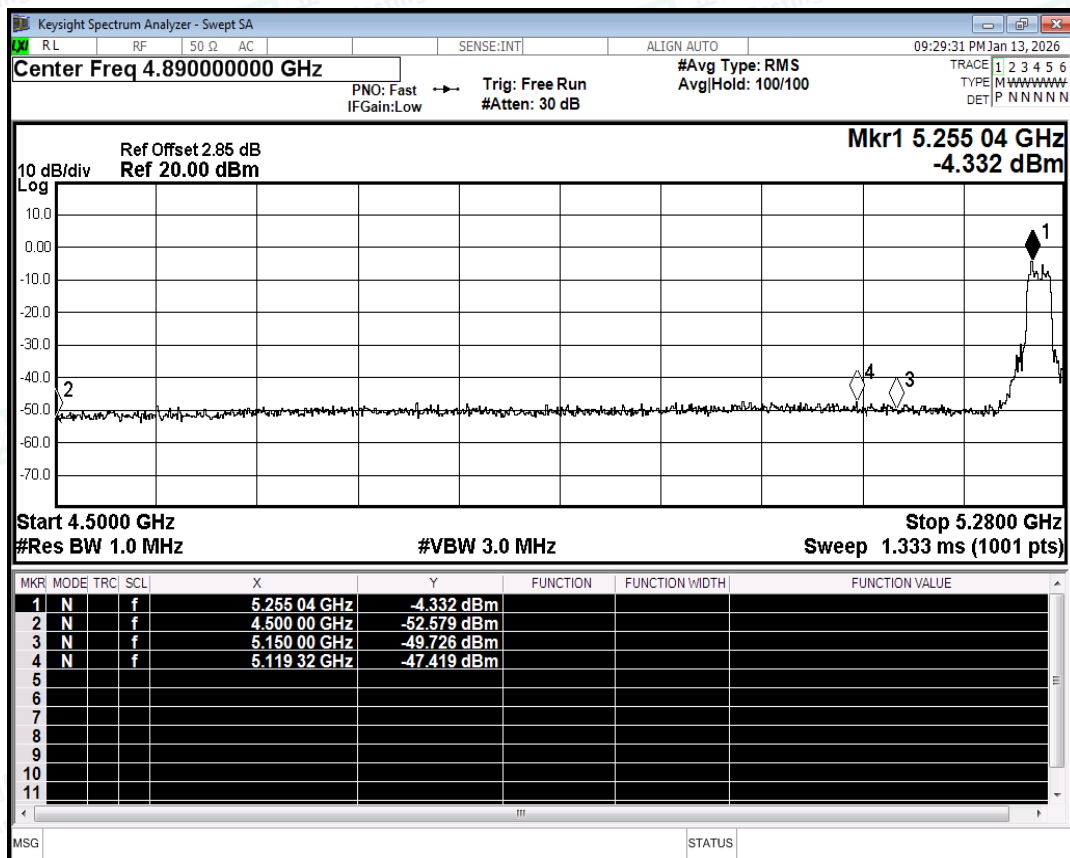
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Restrict Band NVNT a 5320MHz Ant1 Average



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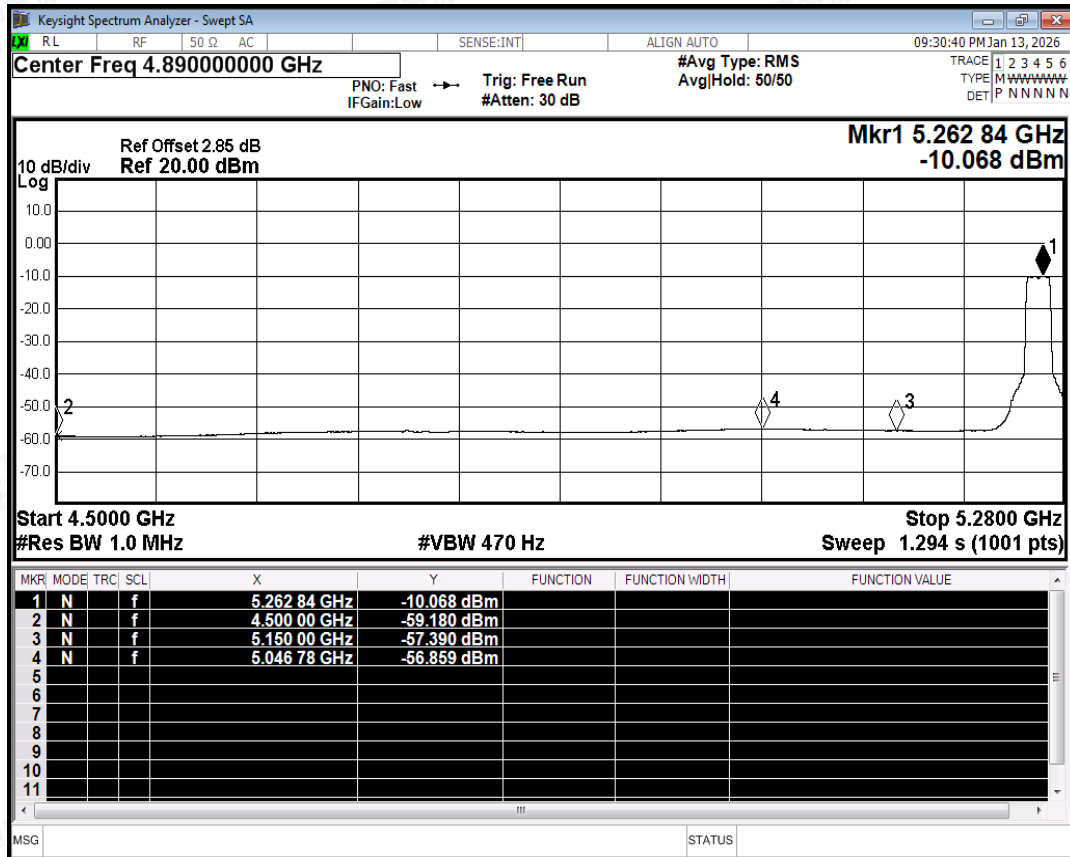
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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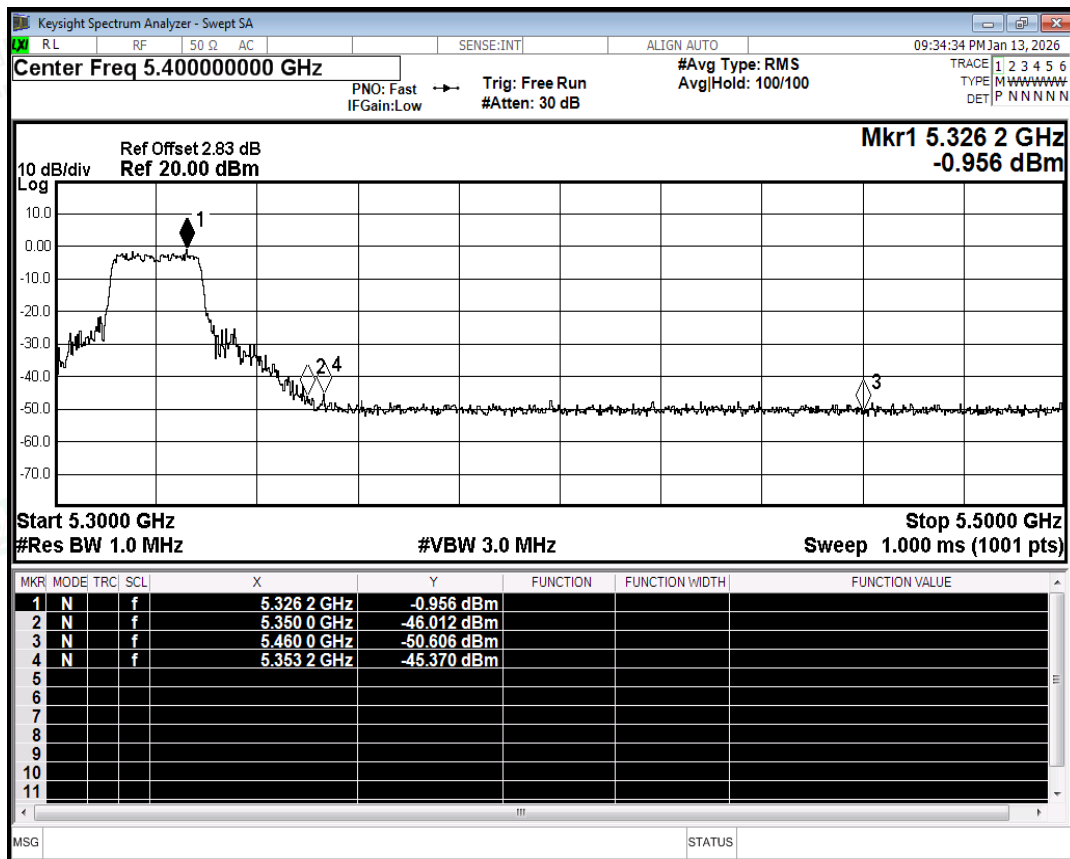


## Restrict Band NVNT n20 5260MHz Ant1 Peak

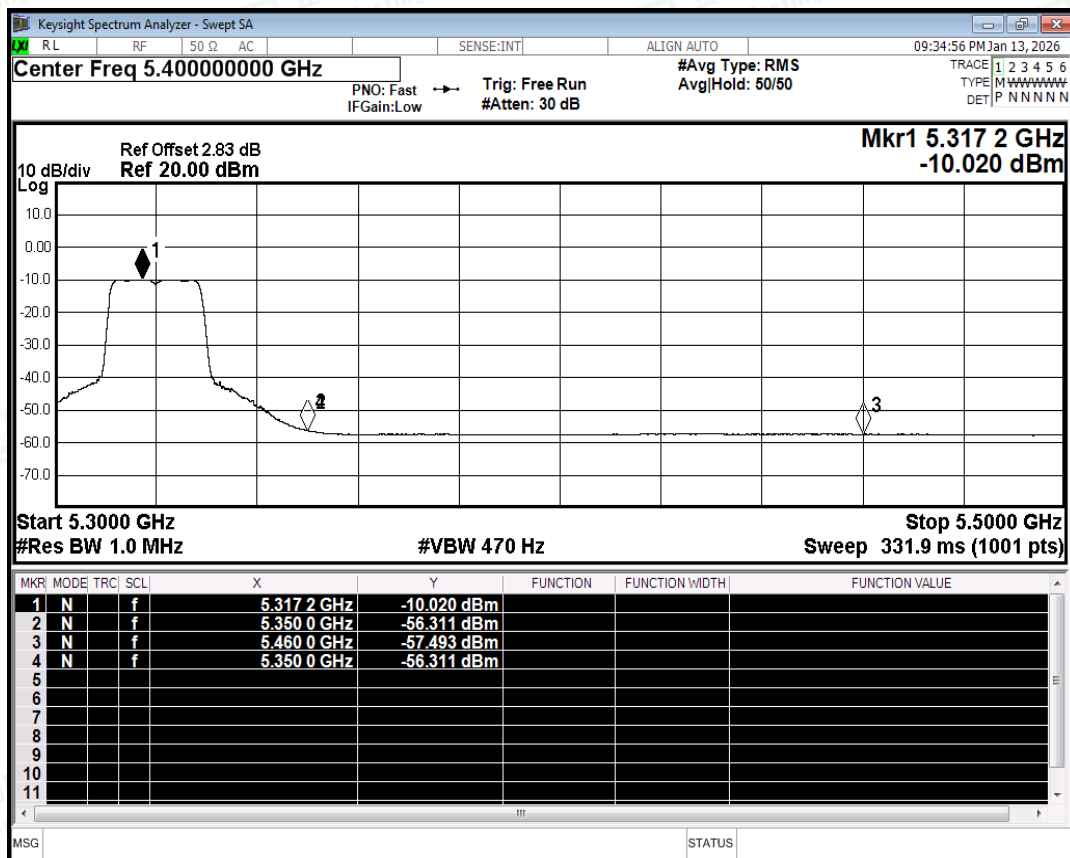


## Restrict Band NVNT n20 5260MHz Ant1 Average





Restrict Band NVNT n20 5320MHz Ant1 Peak



Shenzhen LCS Compliance Testing Laboratory Ltd.

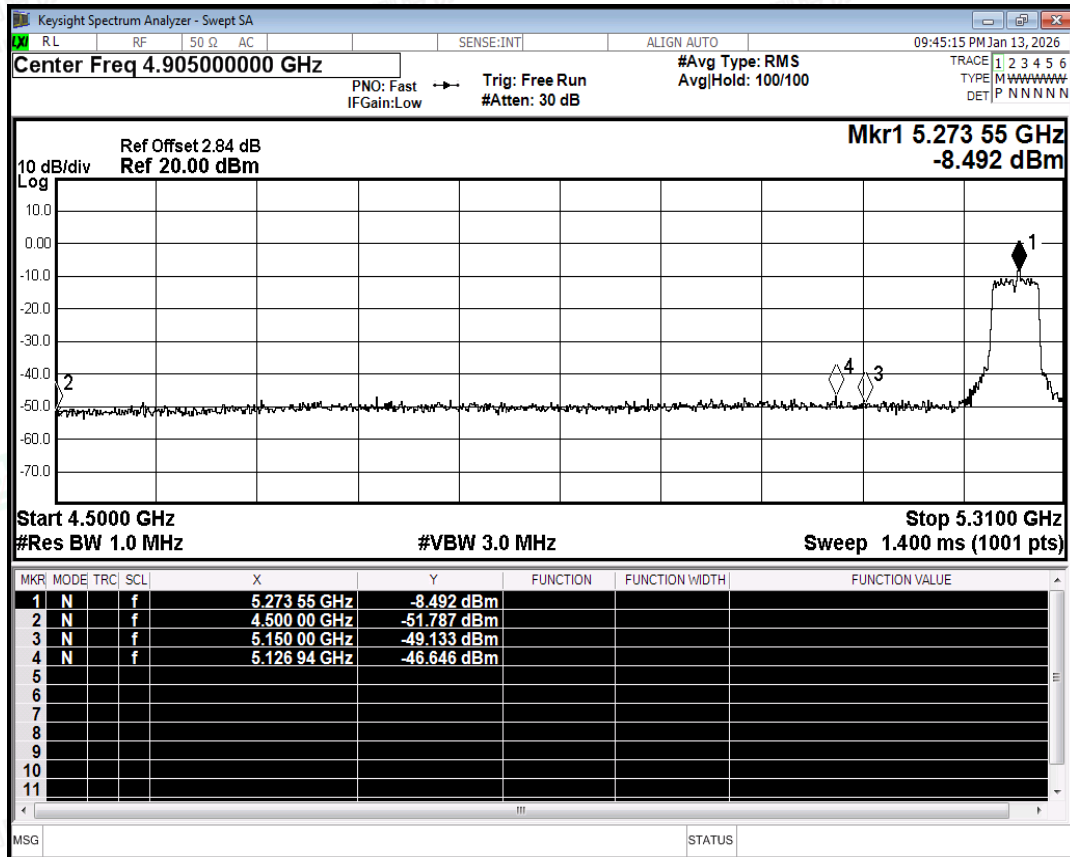
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Restrict Band NVNT n20 5320MHz Ant1 Average



## Restrict Band NVNT n40 5270MHz Ant1 Peak

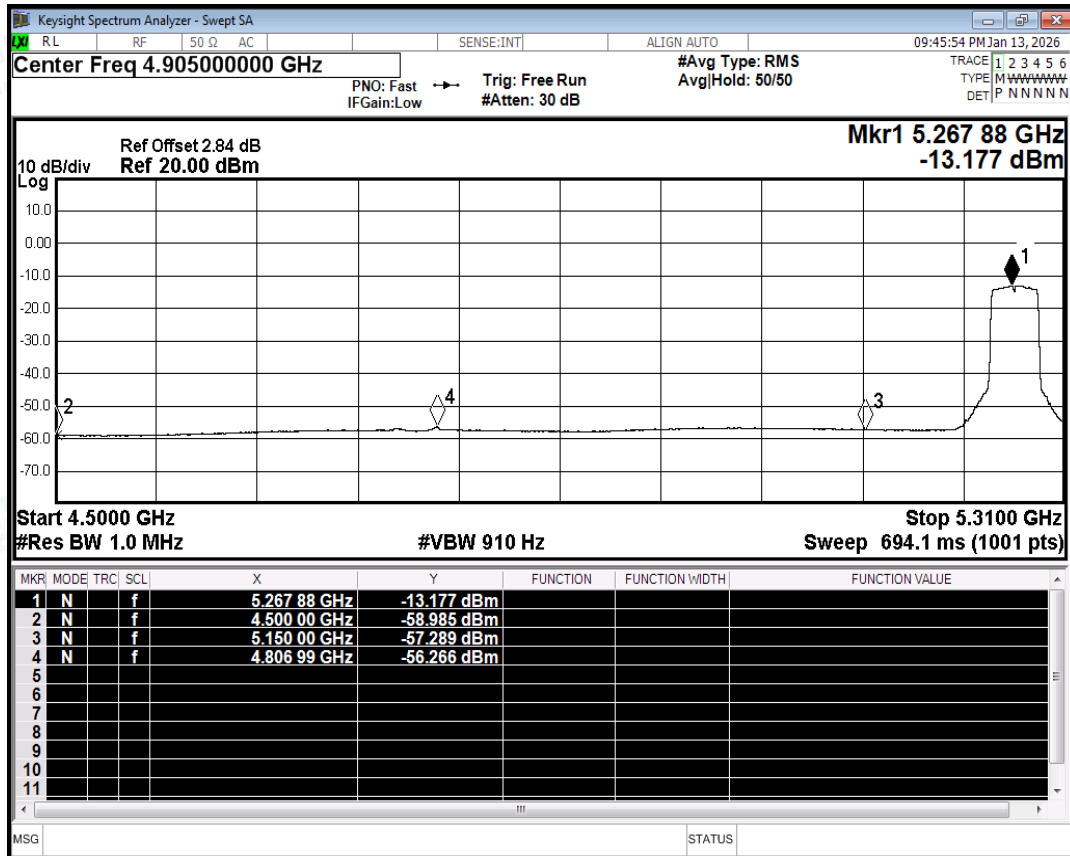


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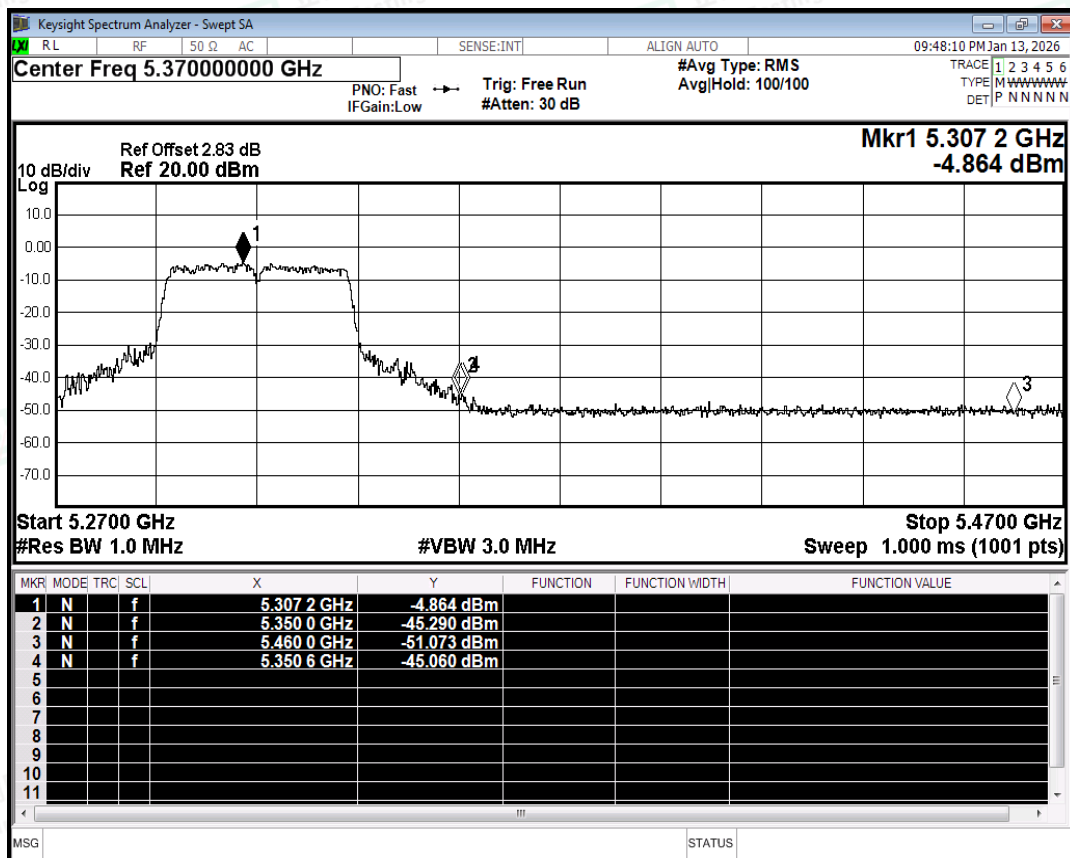
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Restrict Band NVNT n40 5270MHz Ant1 Average



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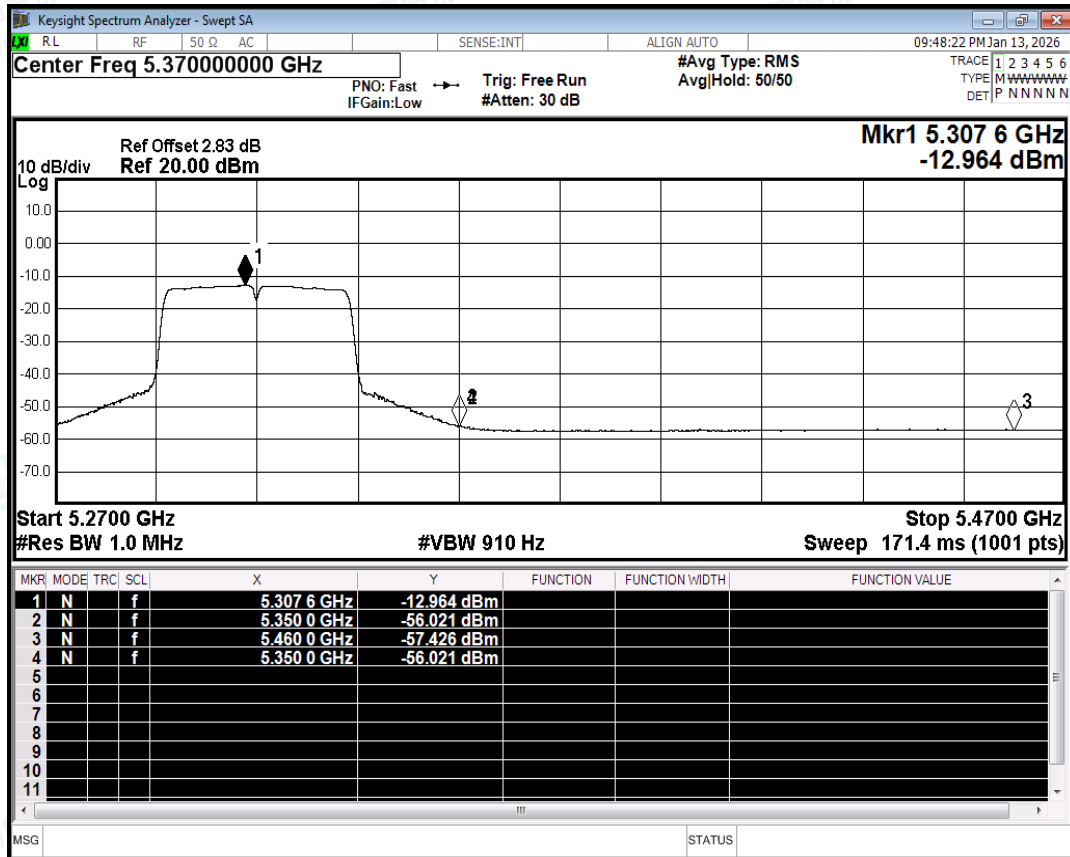
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## Restrict Band NVNT n40 5310MHz Ant1 Peak



## Restrict Band NVNT n40 5310MHz Ant1 Average

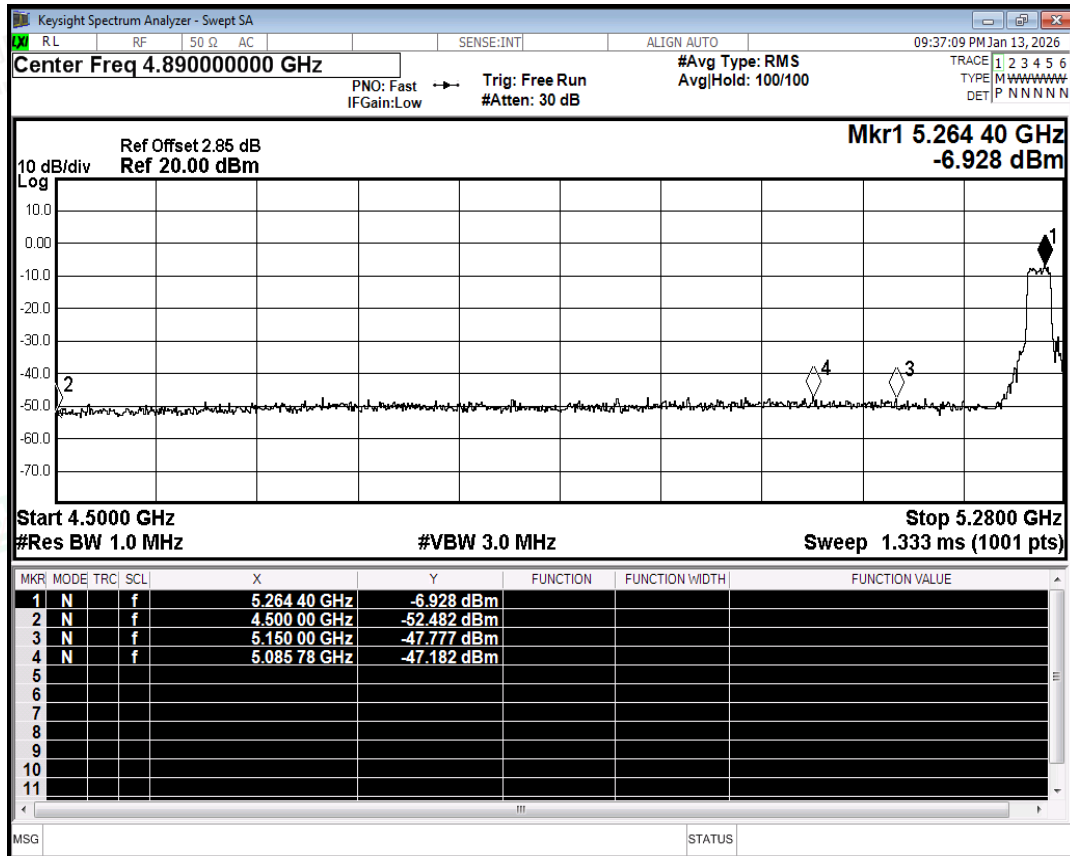


Shenzhen LCS Compliance Testing Laboratory Ltd.

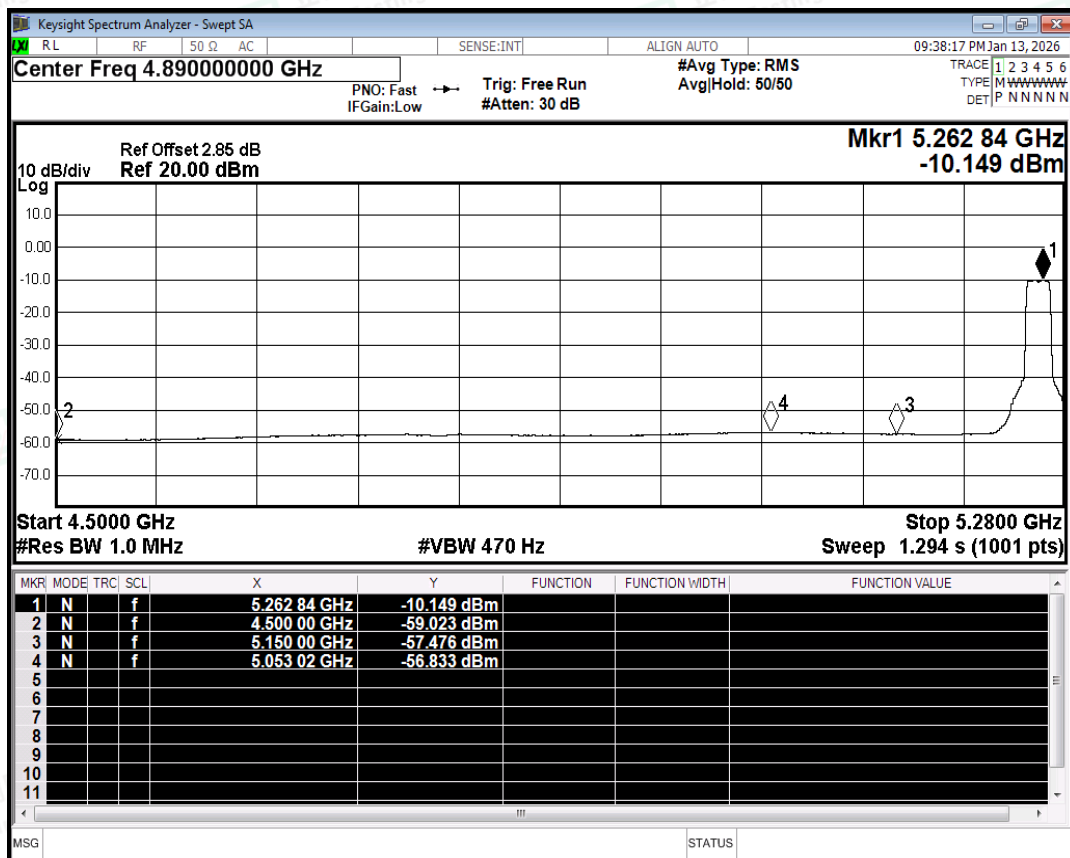
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Restrict Band NVNT ac20 5260MHz Ant1 Peak



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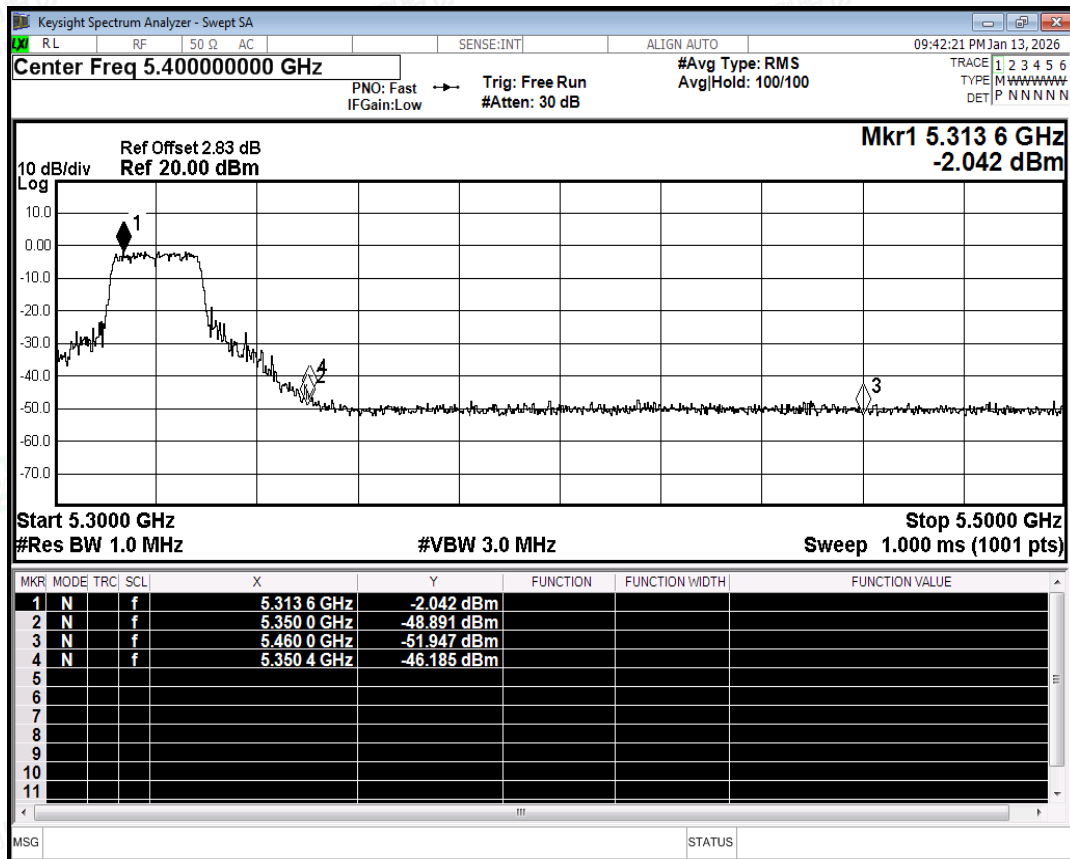
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Restrict Band NVNT ac20 5260MHz Ant1 Average



## Restrict Band NVNT ac20 5320MHz Ant1 Peak

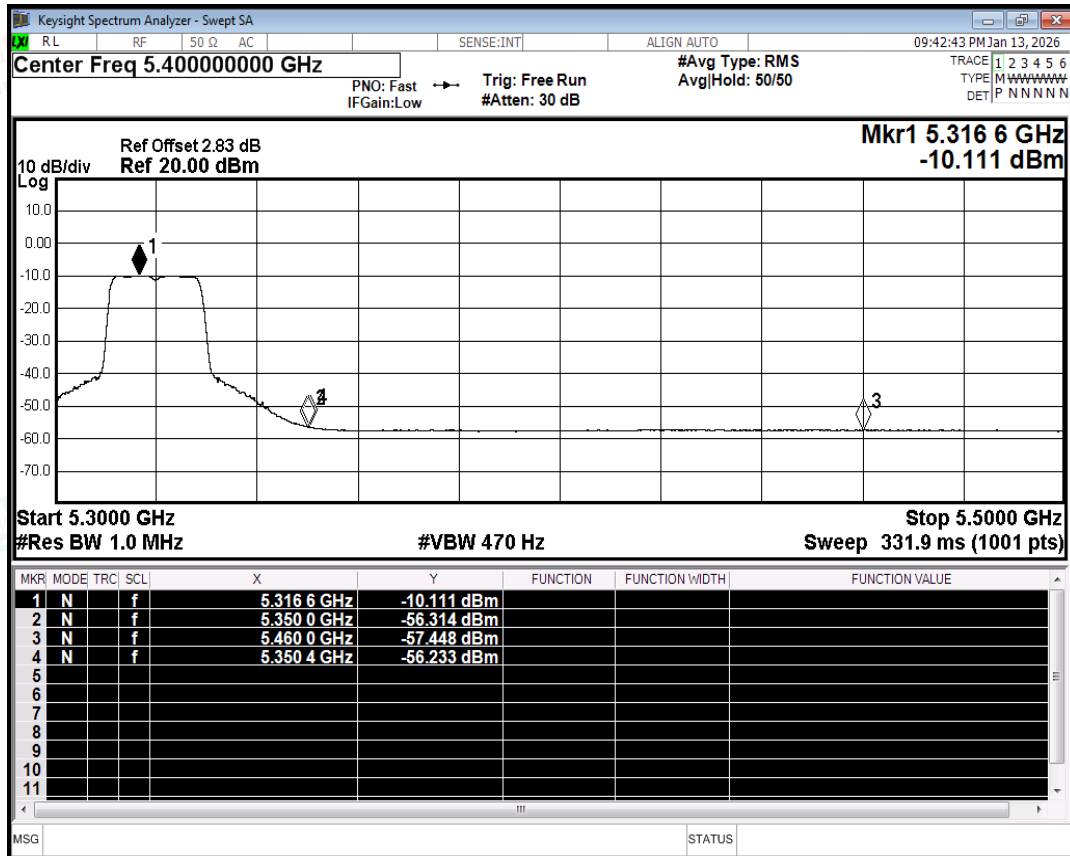


Shenzhen LCS Compliance Testing Laboratory Ltd.

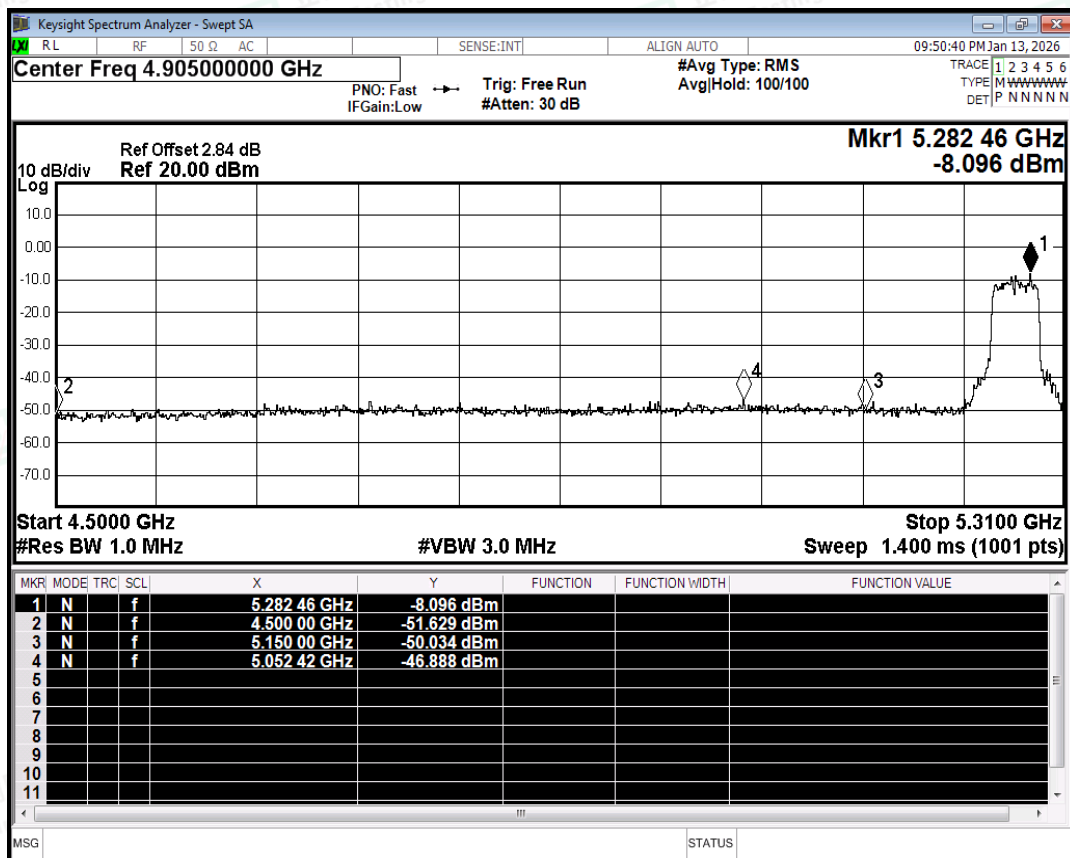
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Restrict Band NVNT ac20 5320MHz Ant1 Average



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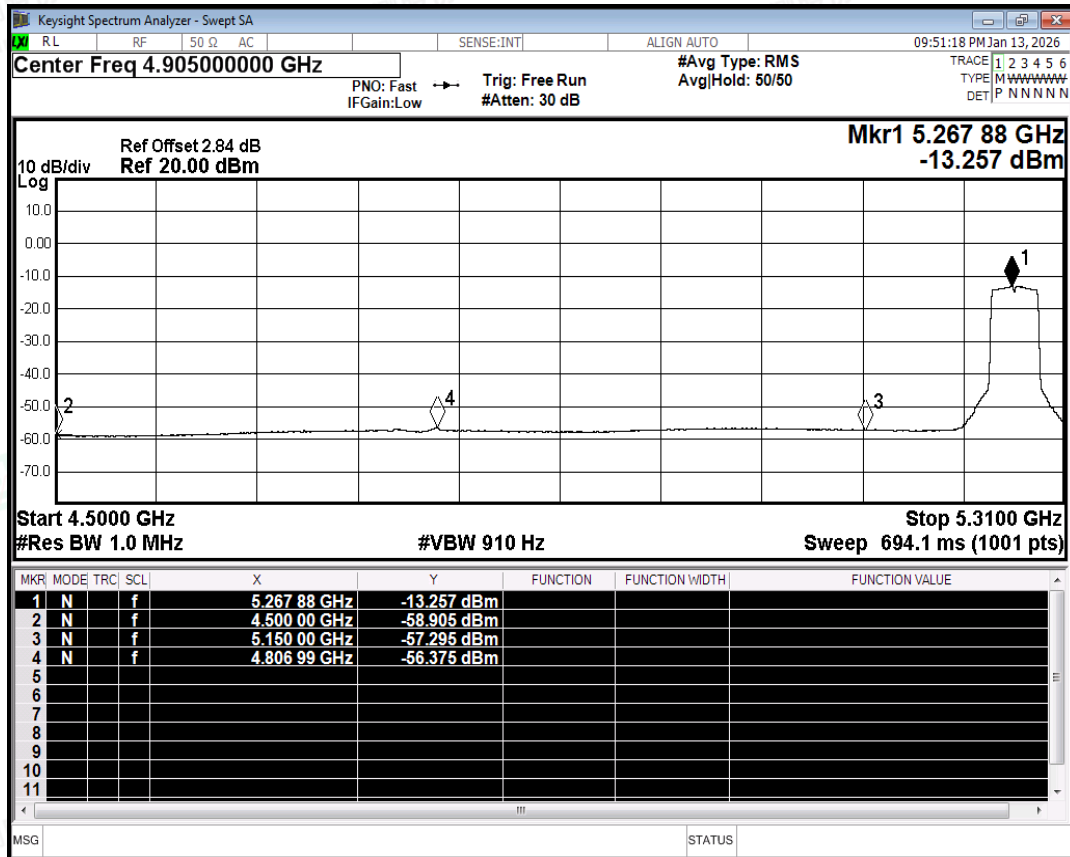
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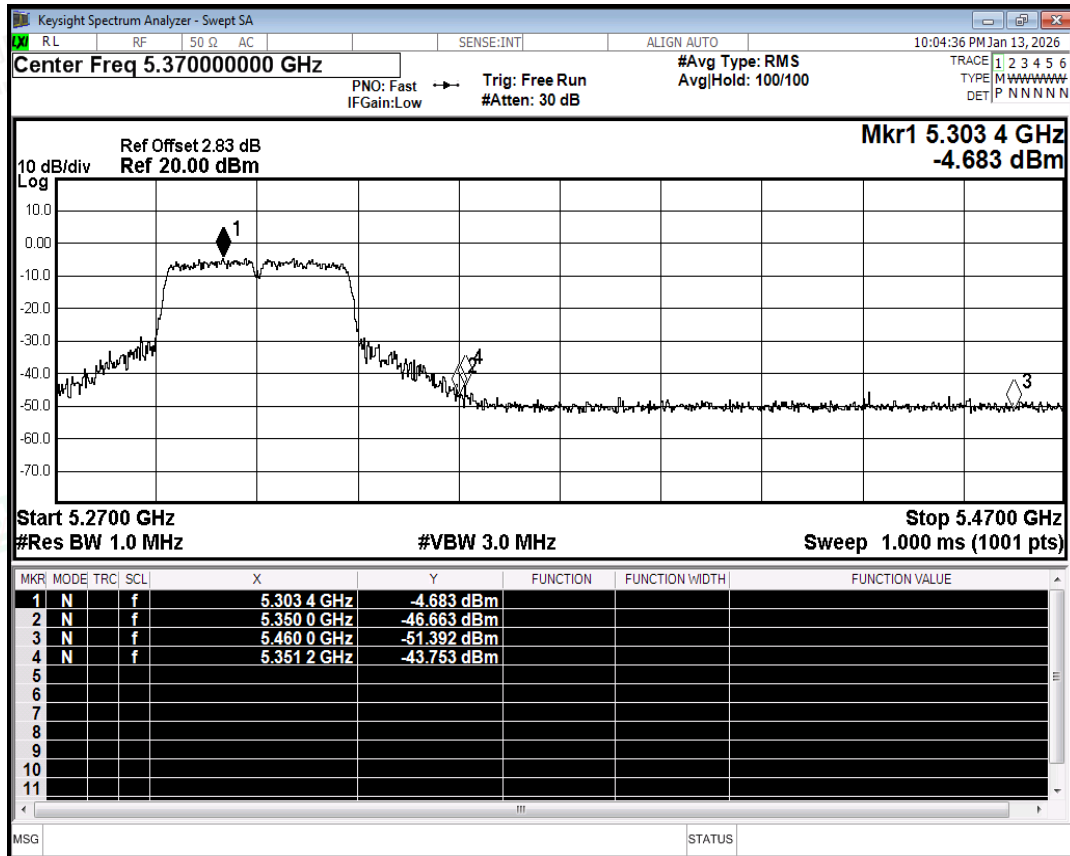


## Restrict Band NVNT ac40 5270MHz Ant1 Peak

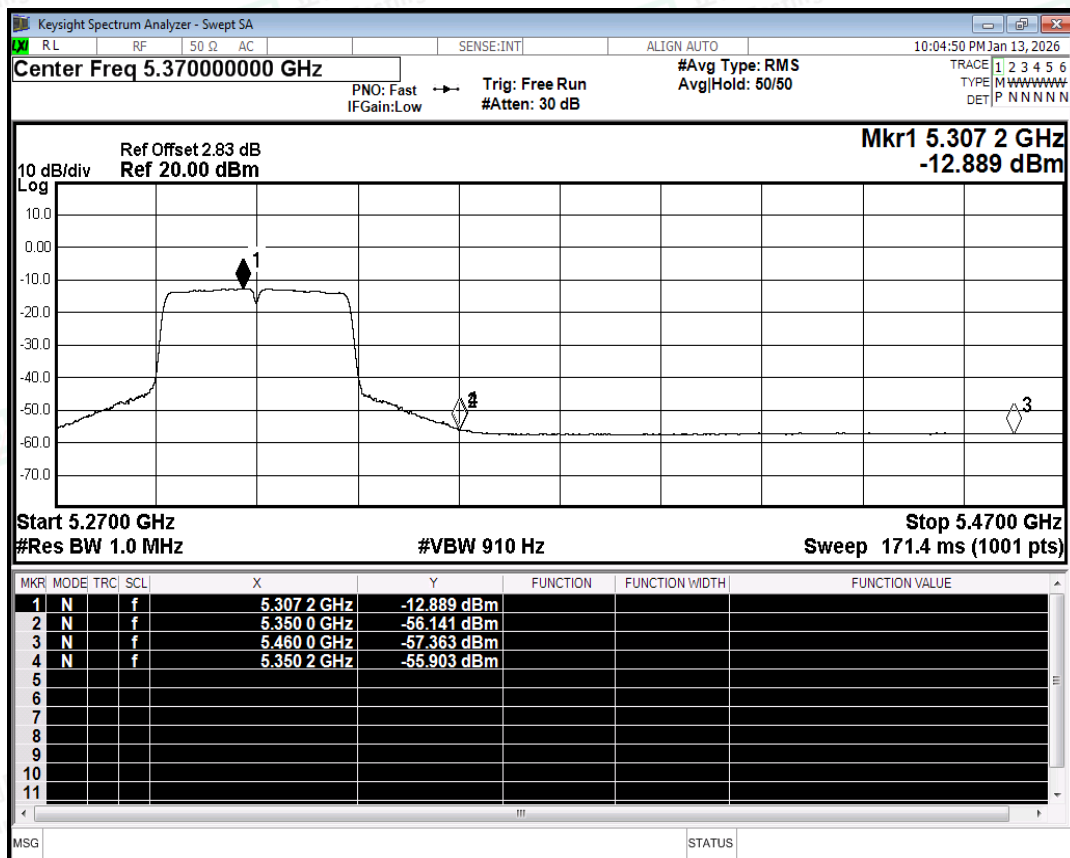


## Restrict Band NVNT ac40 5270MHz Ant1 Average





Restrict Band NVNT ac40 5310MHz Ant1 Peak



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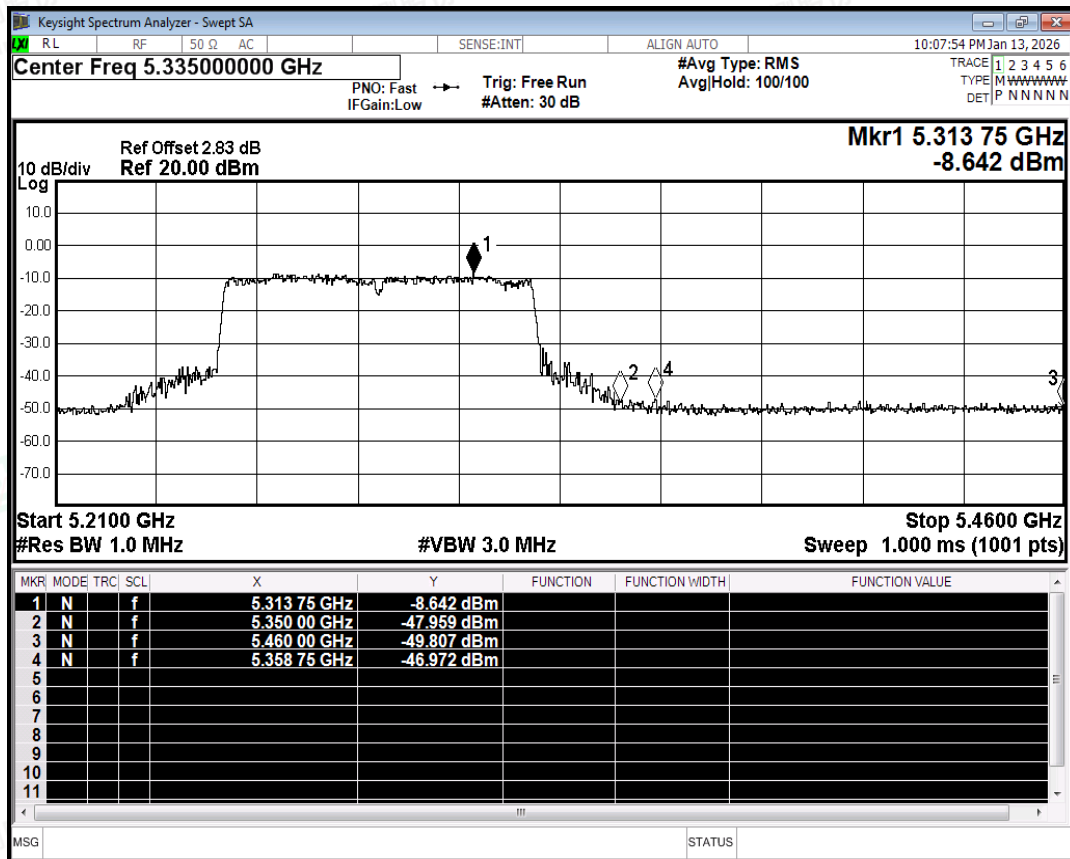
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## Restrict Band NVNT ac40 5310MHz Ant1 Average



## Restrict Band NVNT ac80 5290MHz Ant1 Peak

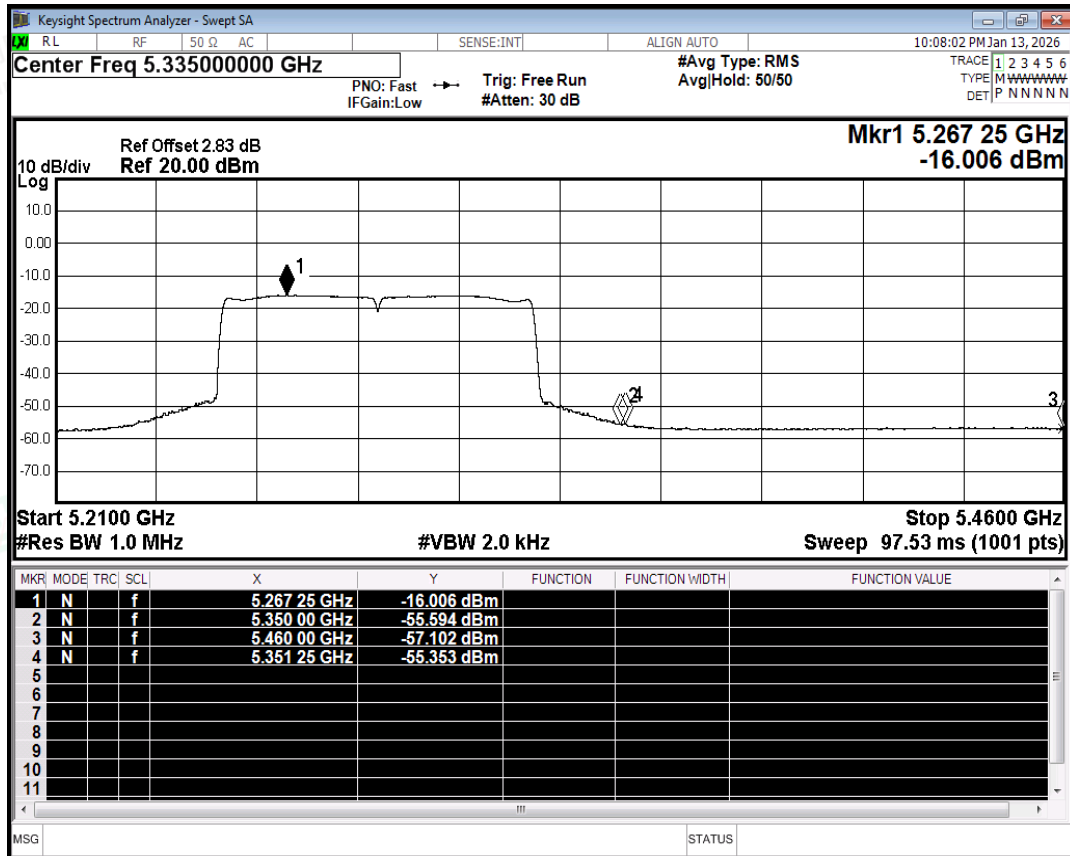


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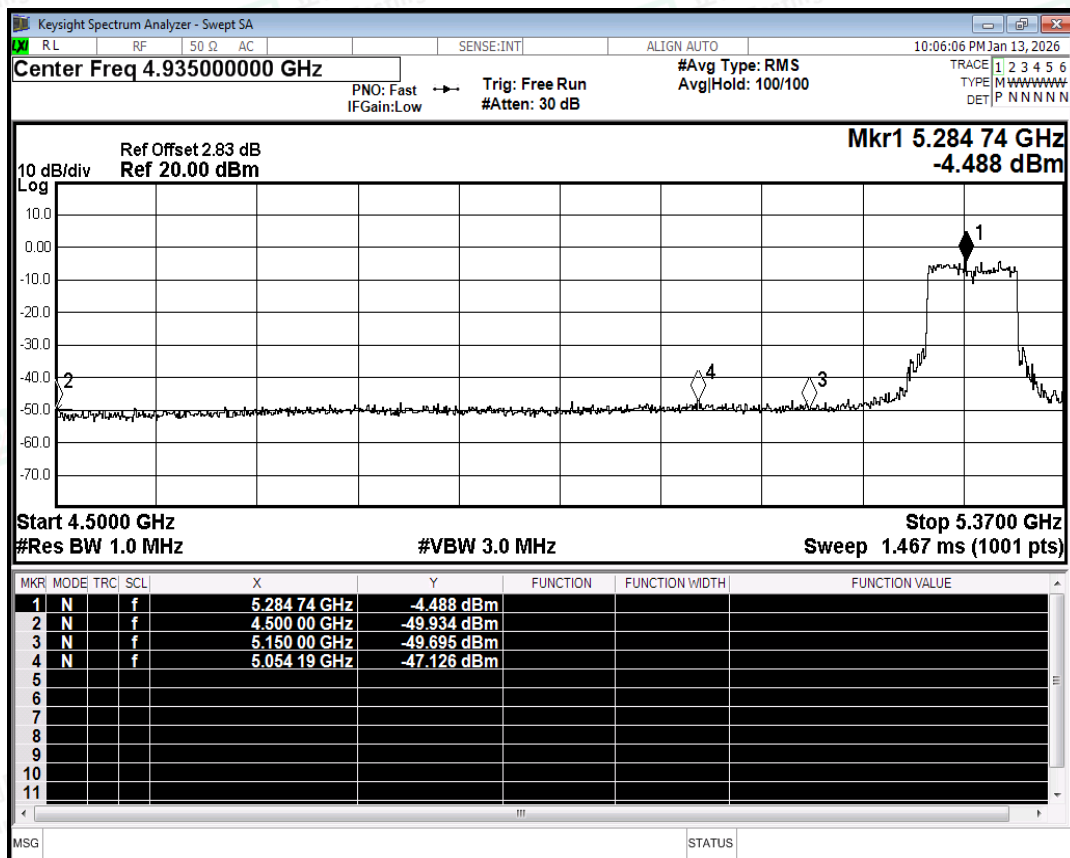
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Restrict Band NVNT ac80 5290MHz Ant1 Average



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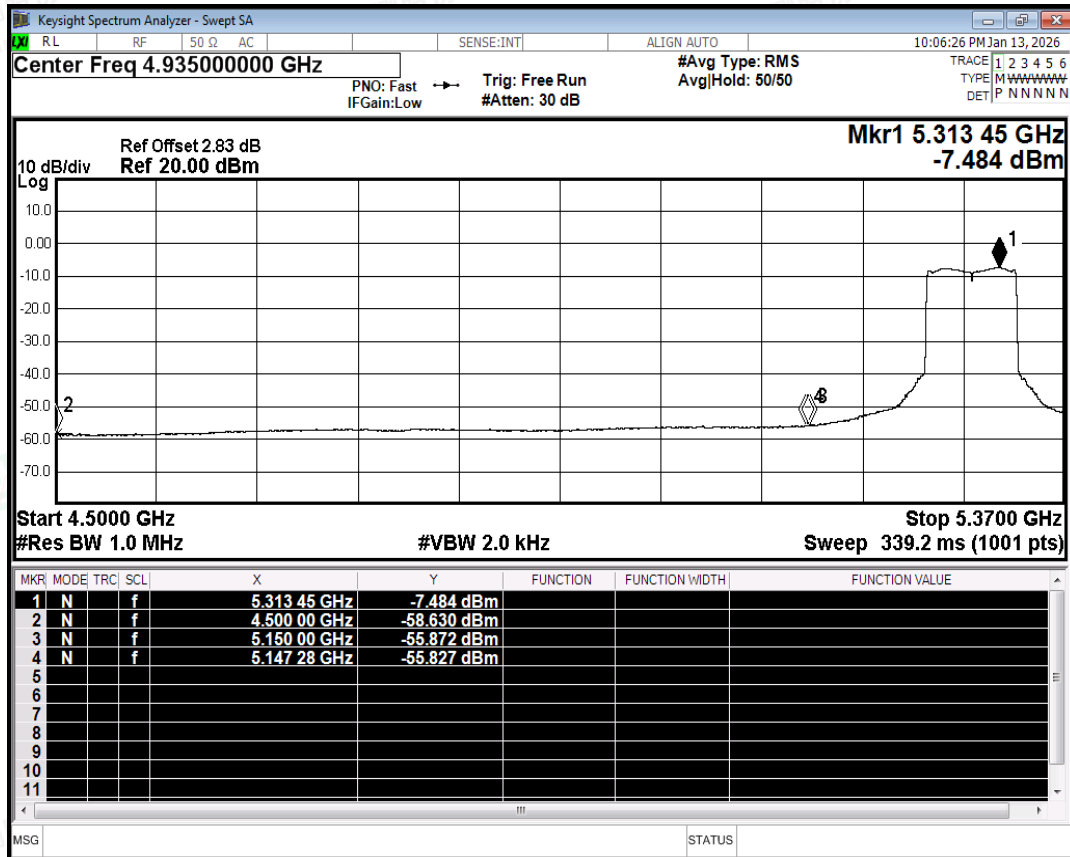
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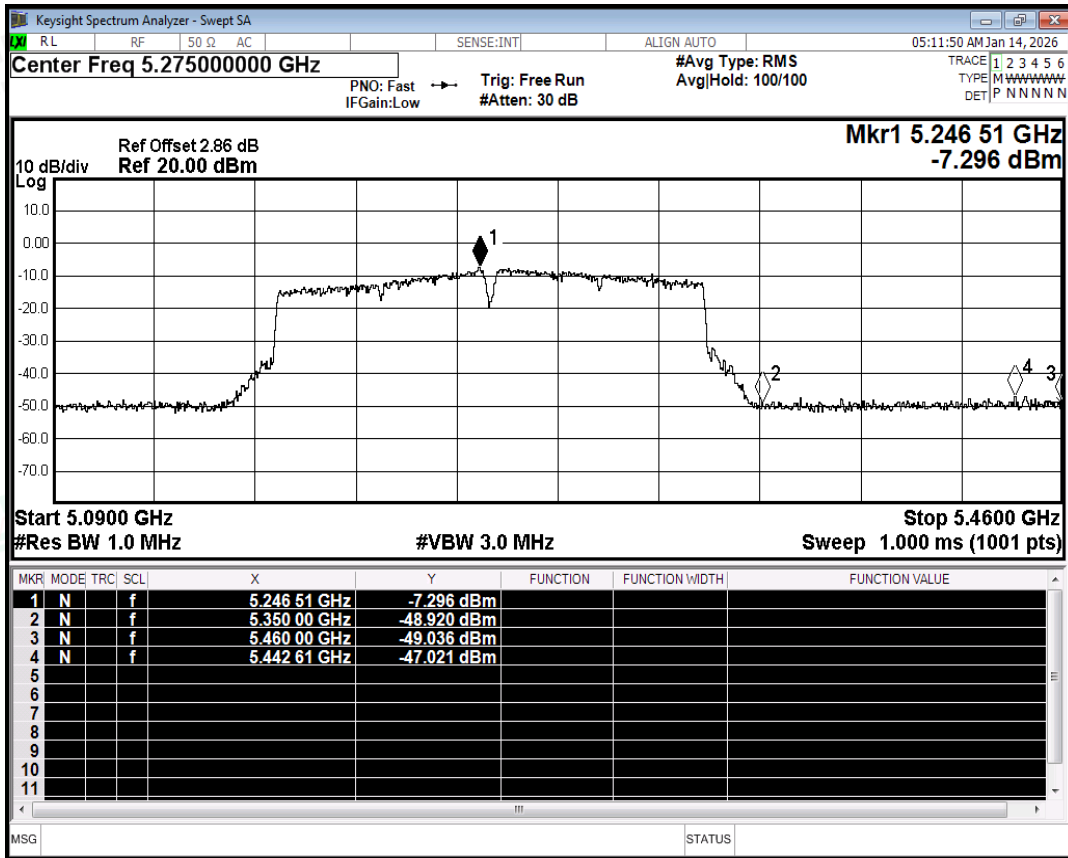


## Restrict Band NVNT ac80 5290MHz Ant1 Peak

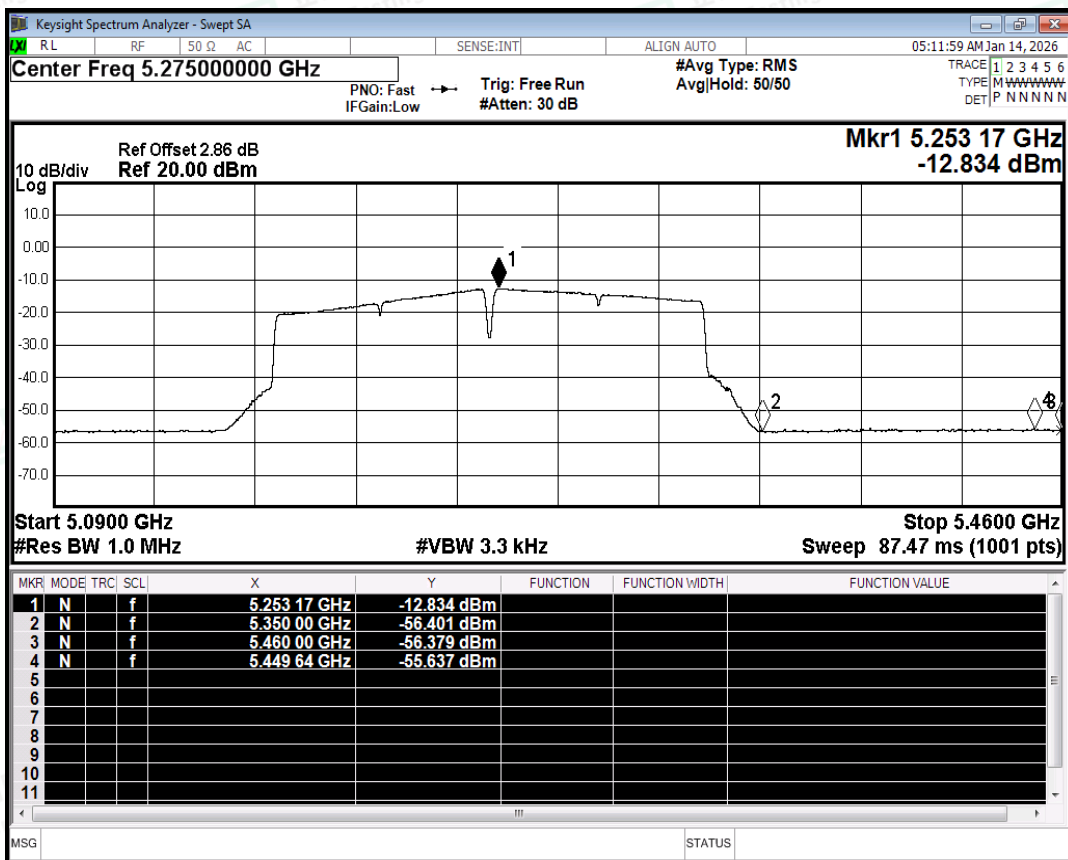


## Restrict Band NVNT ac80 5290MHz Ant1 Average





Restrict Band NVNT ac160 5250MHz Ant1 Peak



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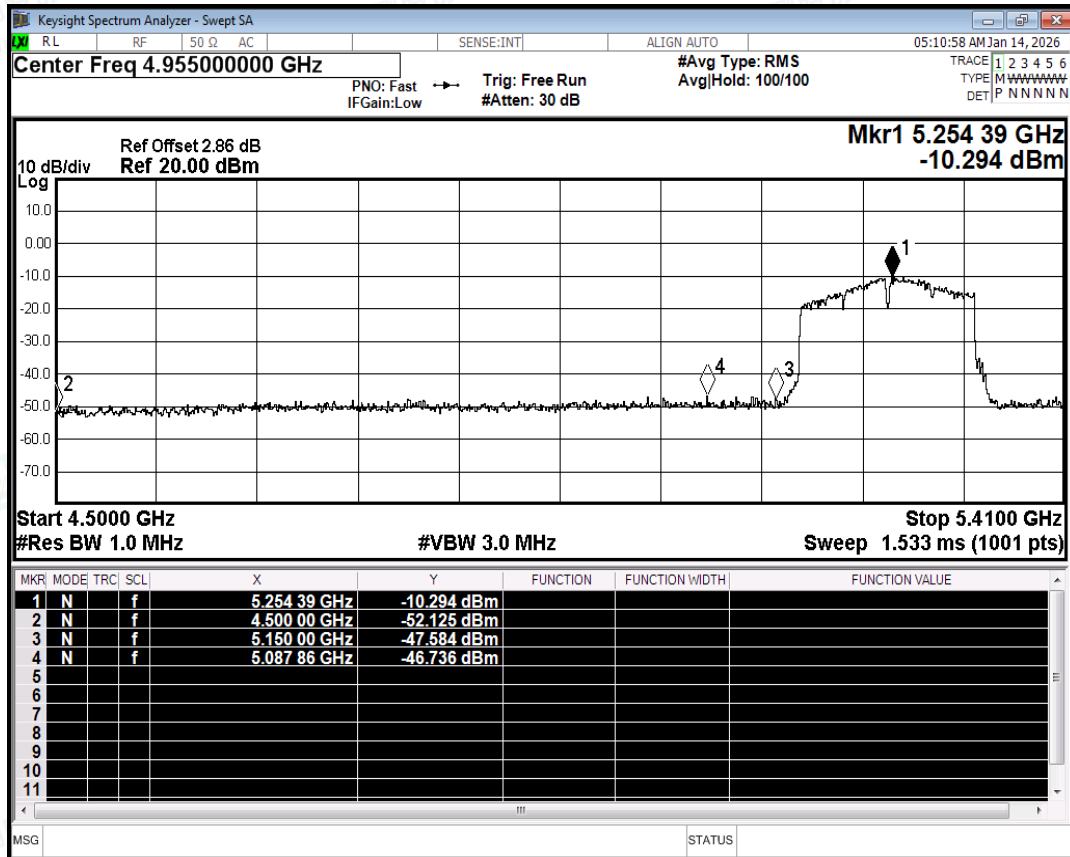
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Restrict Band NVNT ac160 5250MHz Ant1 Average



Restrict Band NVNT ac160 5250MHz Ant1 Peak

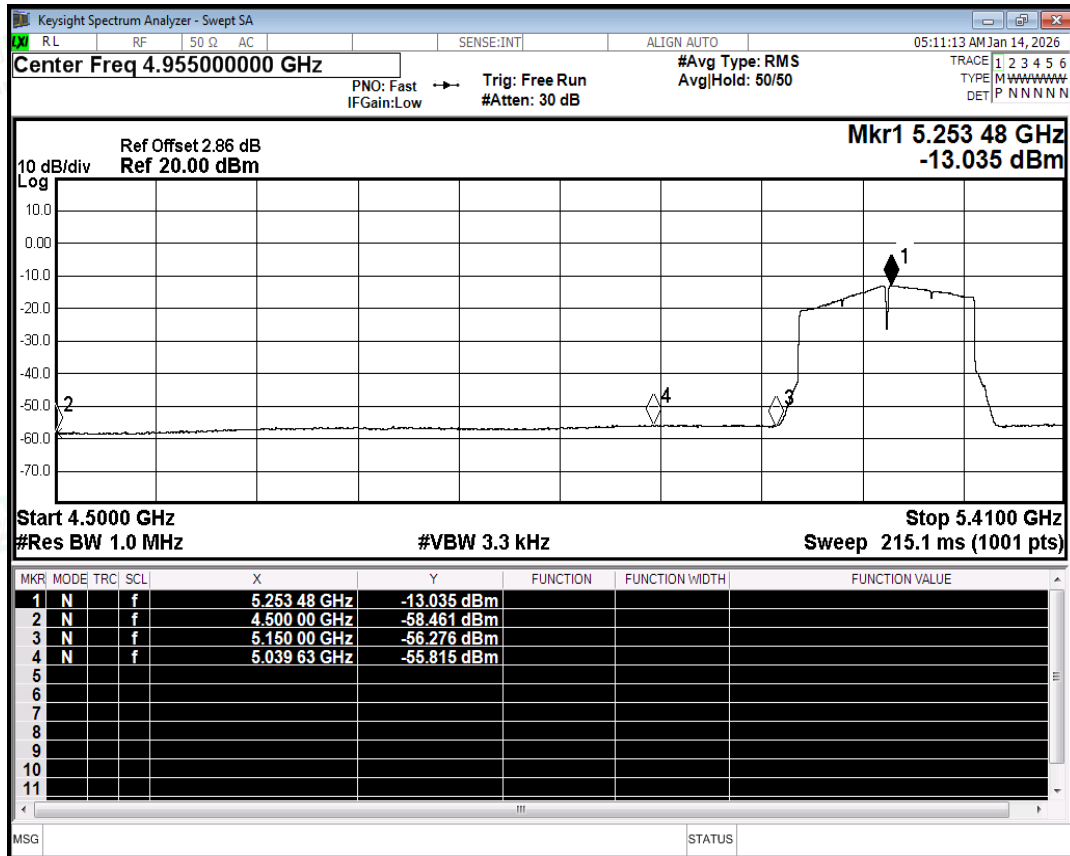


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Restrict Band NVNT ac160 5250MHz Ant1 Average



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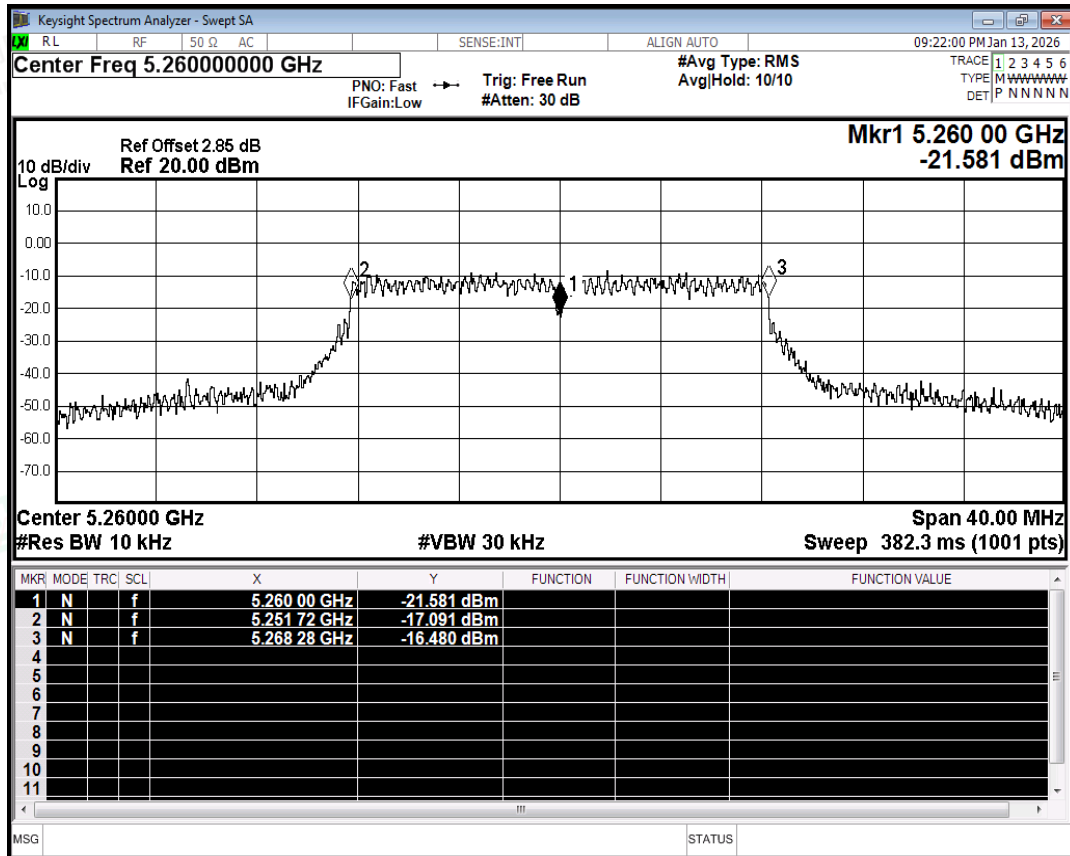
Scan code to check authenticity



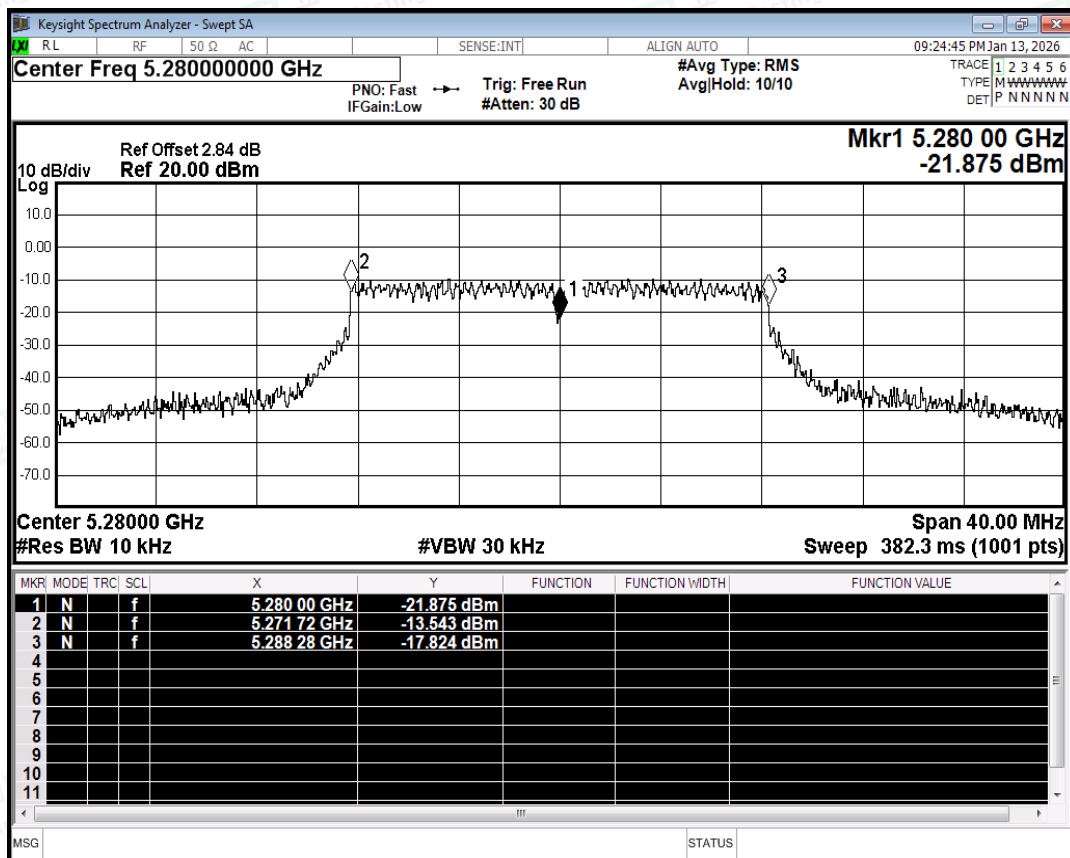
## E.5 Frequency Stability

| 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     | 5280            | Ant1    | 5280                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a     | 5320            | Ant1    | 5320                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20   | 5260            | Ant1    | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| NVNT      | n20   | 5280            | Ant1    | 5279.98                  | -20000               | -3.79           | 25          | Pass    |
| NVNT      | n20   | 5320            | Ant1    | 5319.96                  | -40000               | -7.52           | 25          | Pass    |
| NVNT      | n40   | 5270            | Ant1    | 5269.96                  | -40000               | -7.59           | 25          | Pass    |
| NVNT      | n40   | 5310            | Ant1    | 5309.96                  | -40000               | -7.53           | 25          | Pass    |
| NVNT      | ac20  | 5260            | Ant1    | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| NVNT      | ac20  | 5280            | Ant1    | 5279.98                  | -20000               | -3.79           | 25          | Pass    |
| NVNT      | ac20  | 5320            | Ant1    | 5320                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40  | 5270            | Ant1    | 5270                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40  | 5310            | Ant1    | 5310                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80  | 5290            | Ant1    | 5290                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | 5250                     | 0                    | 0               | 25          | Pass    |





Freq. Stability NVNT a 5260MHz Ant1



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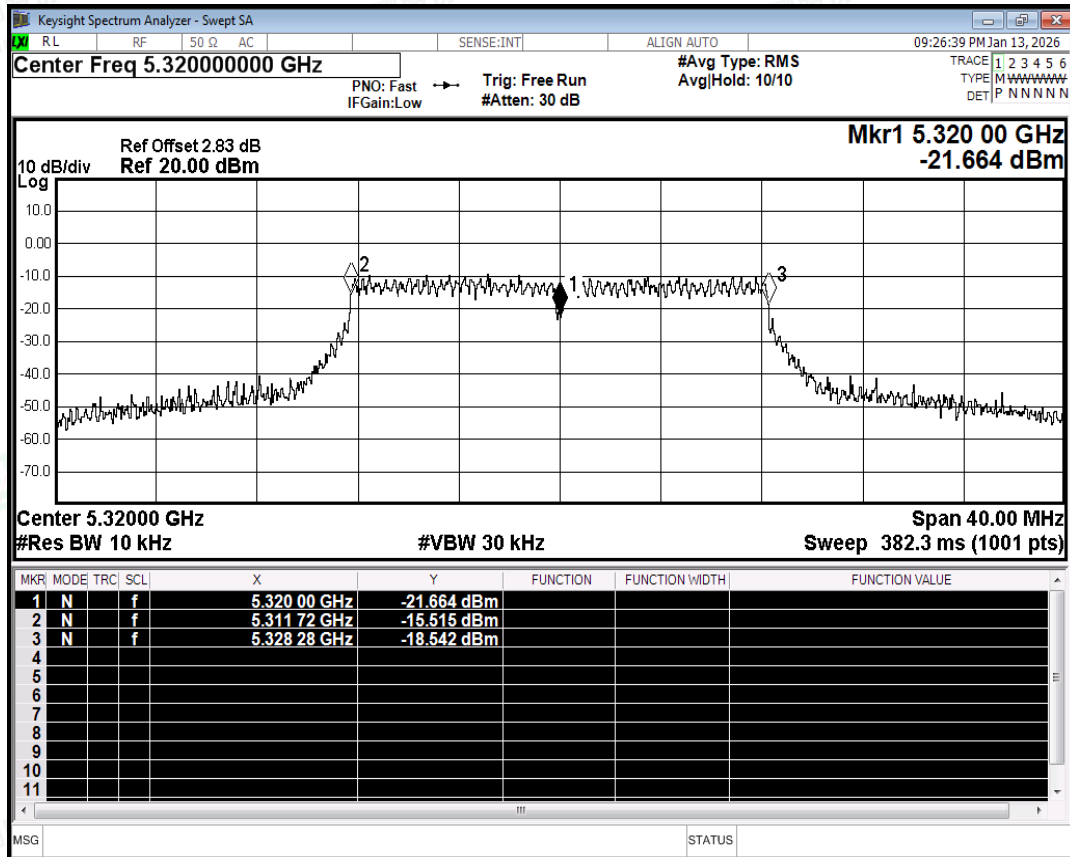
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## Freq. Stability NVNT a 5280MHz Ant1



## Freq. Stability NVNT a 5320MHz Ant1

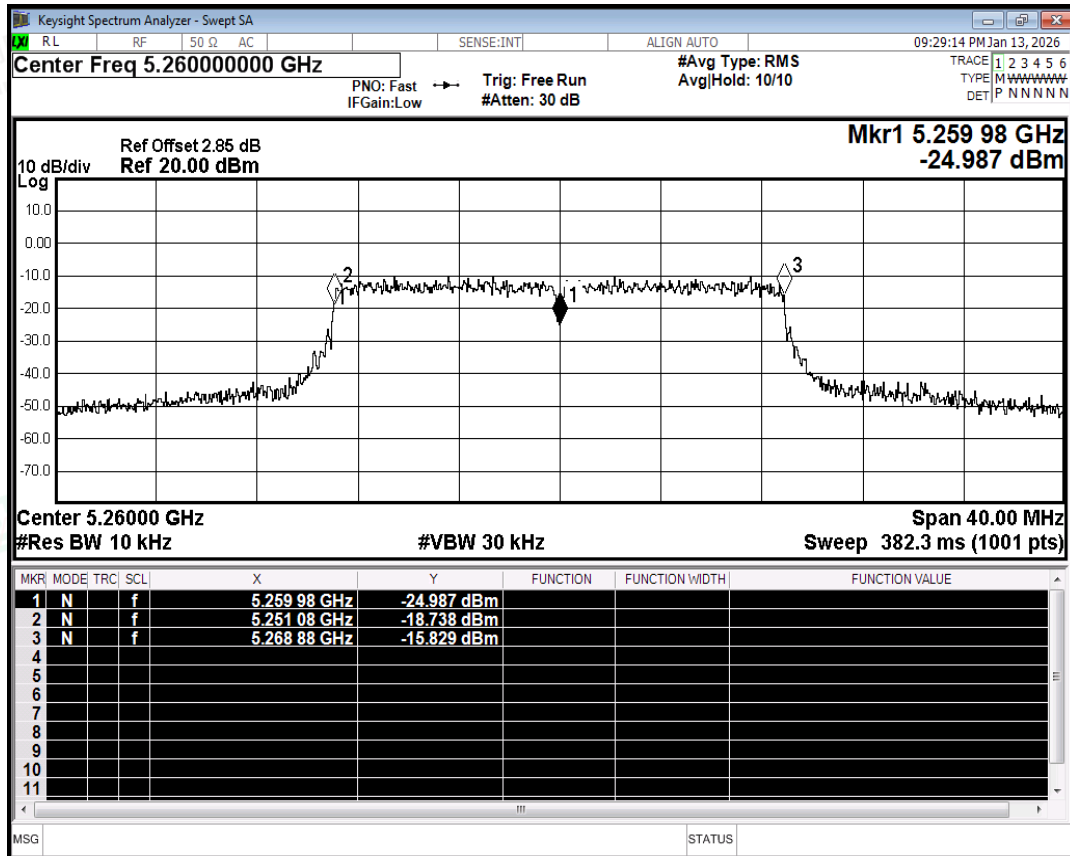


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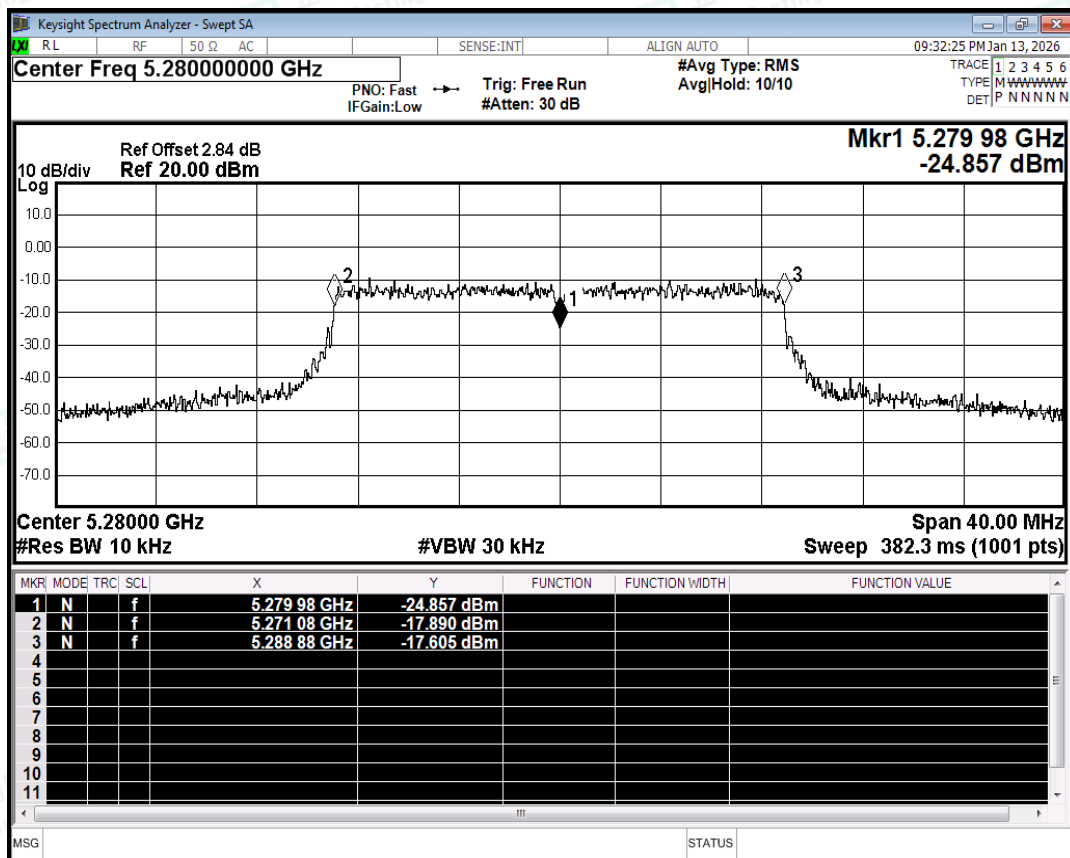
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Freq. Stability NVNT n20 5260MHz Ant1



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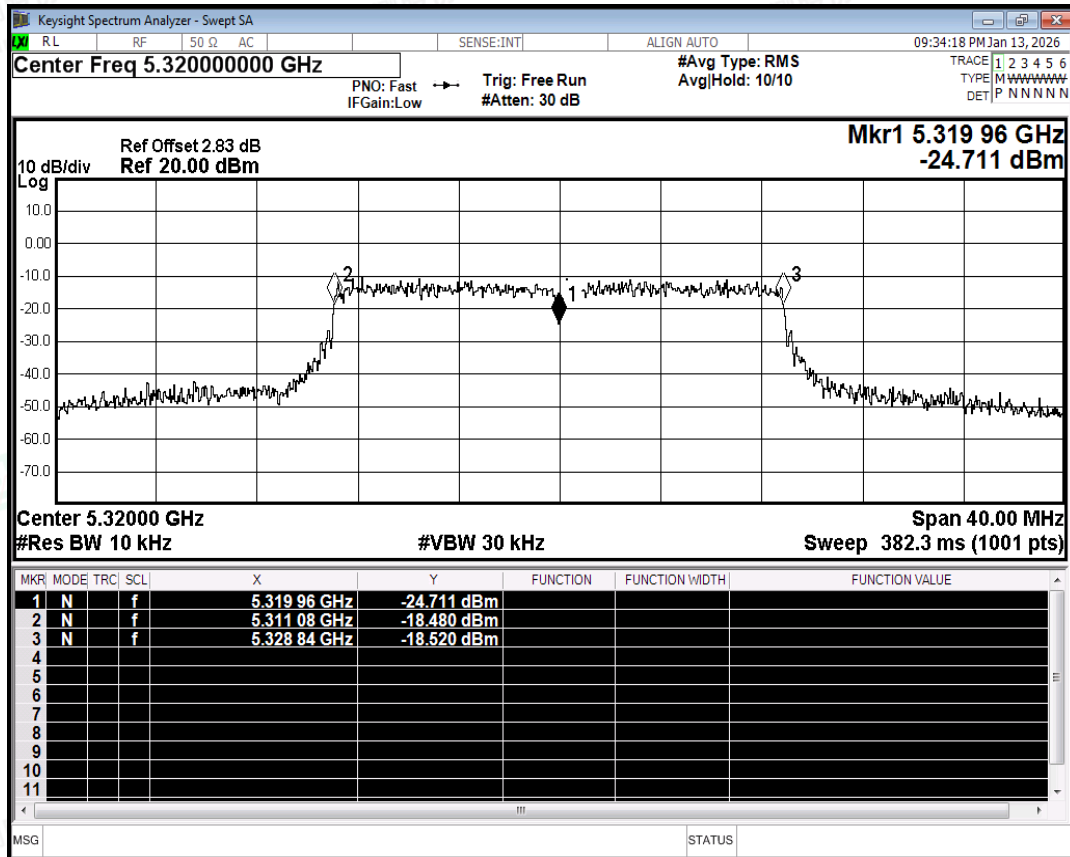
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Freq. Stability NVNT n20 5280MHz Ant1



## Freq. Stability NVNT n20 5320MHz Ant1

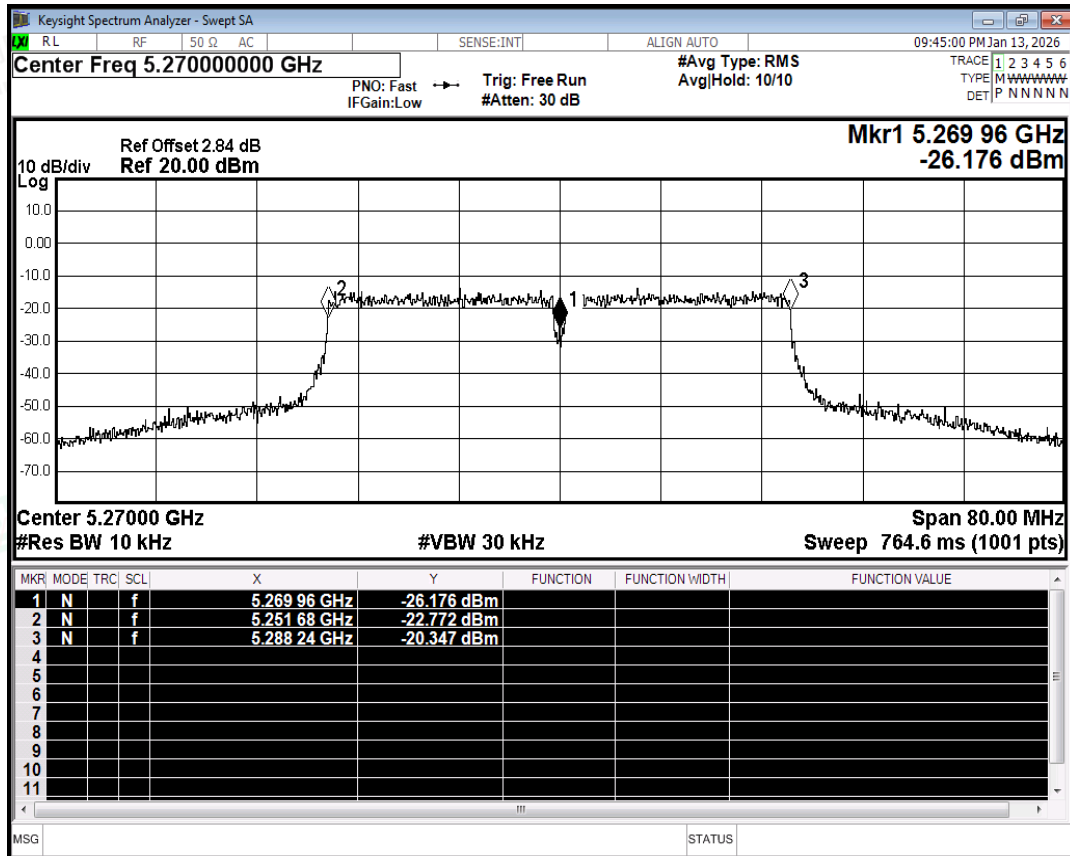


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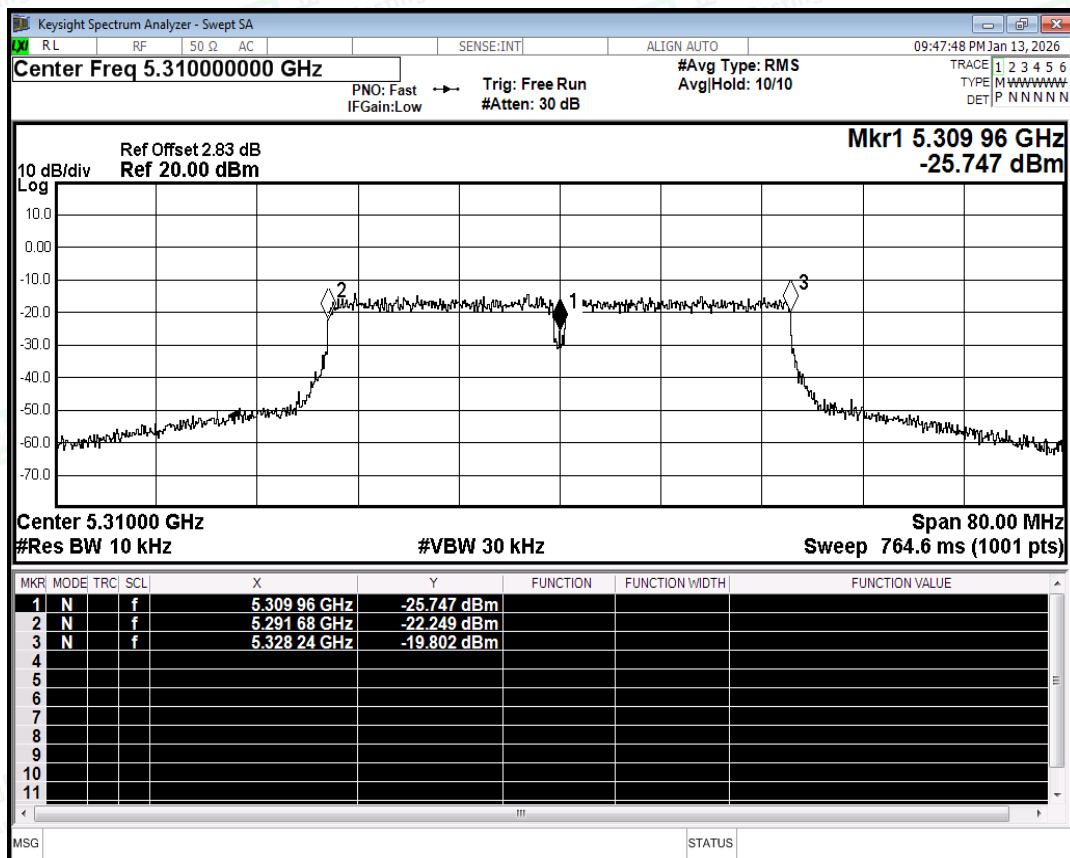
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Freq. Stability NVNT n40 5270MHz Ant1



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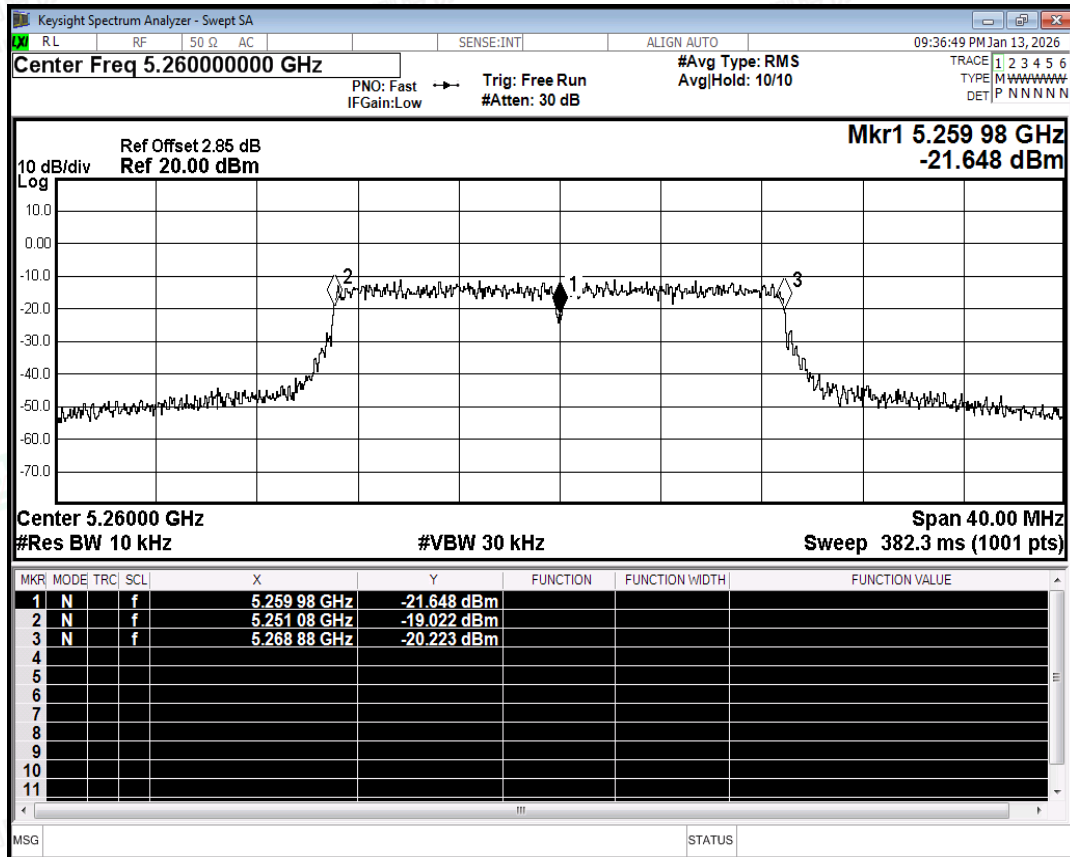
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Freq. Stability NVNT n40 5310MHz Ant1



## Freq. Stability NVNT ac20 5260MHz Ant1

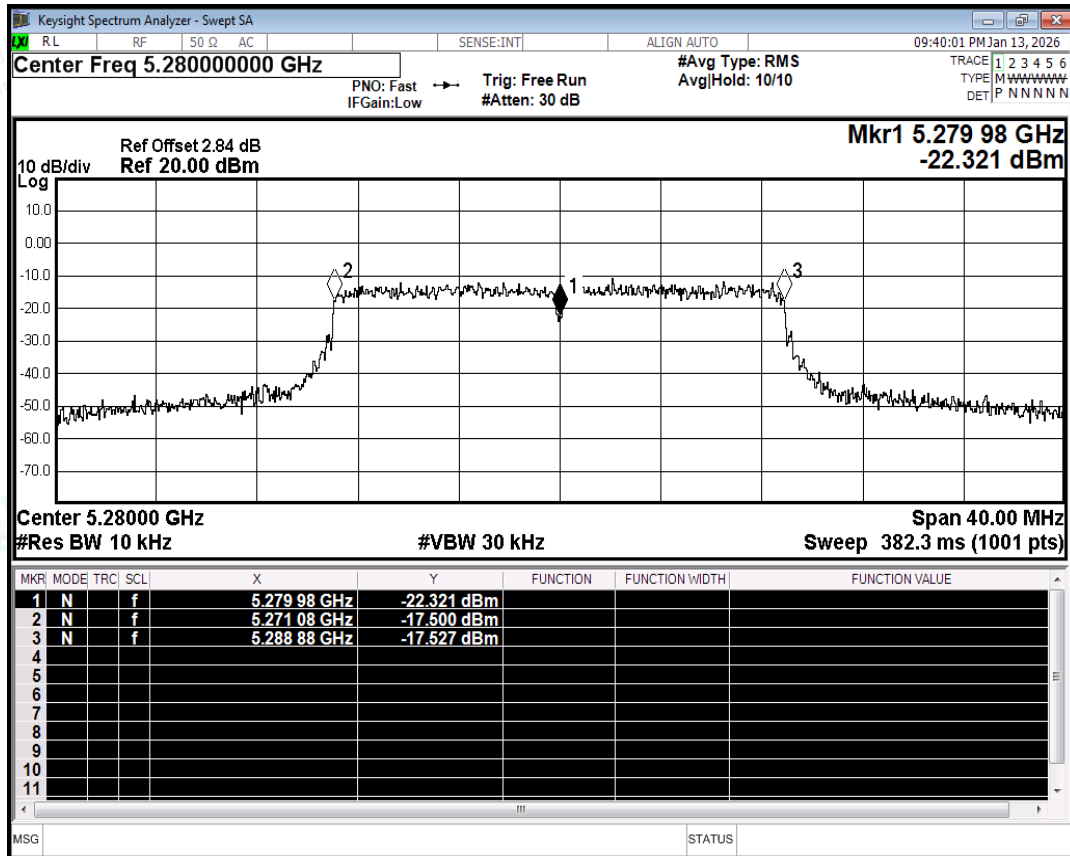


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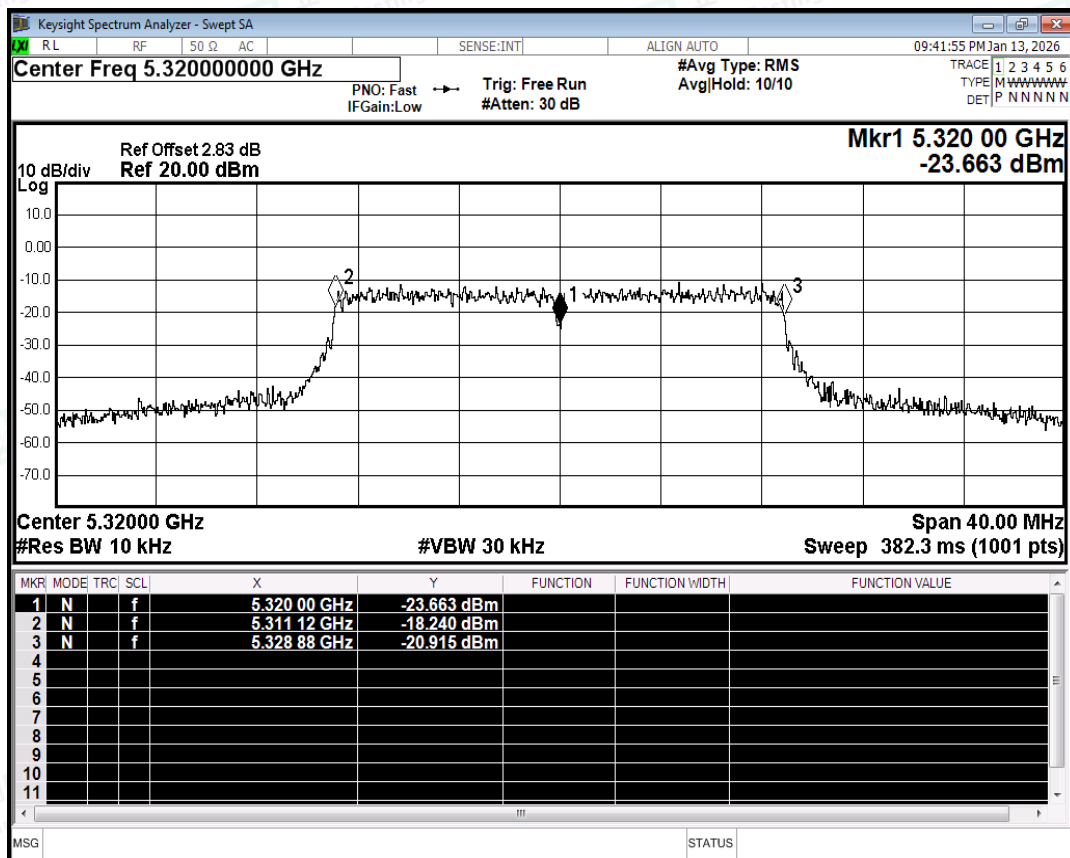
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Freq. Stability NVNT ac20 5280MHz Ant1



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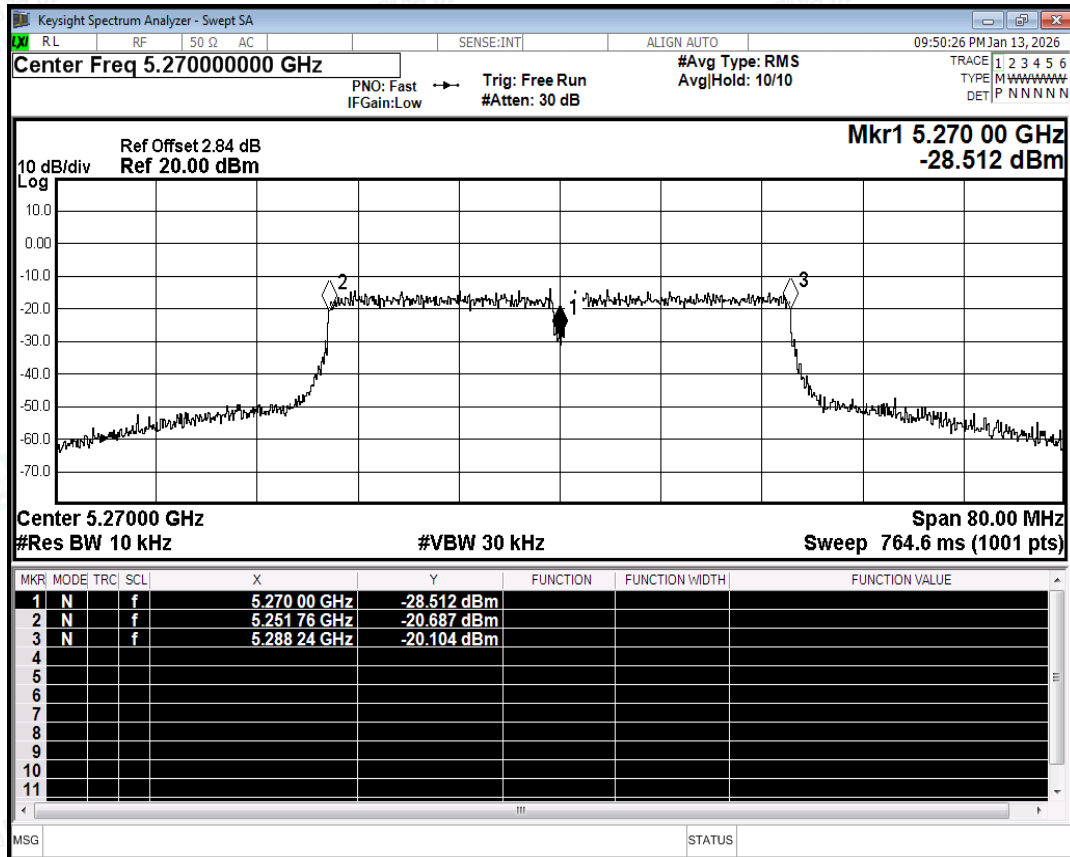
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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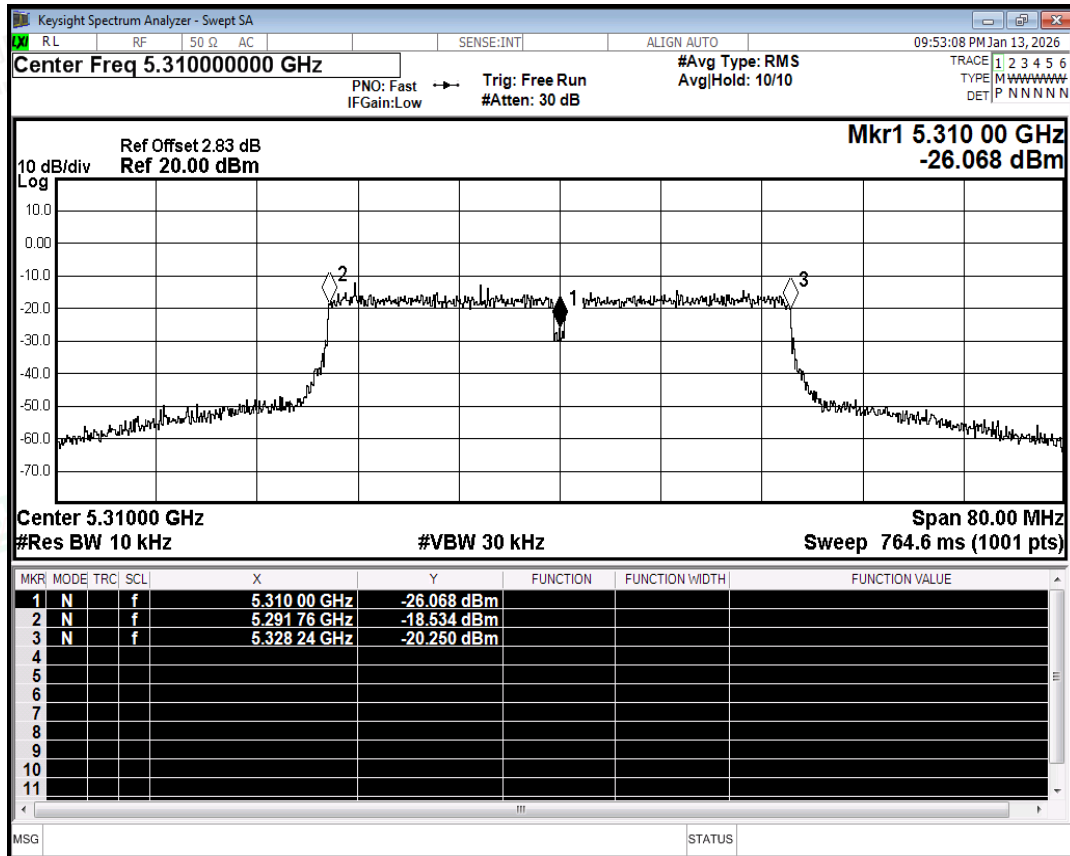


## Freq. Stability NVNT ac20 5320MHz Ant1

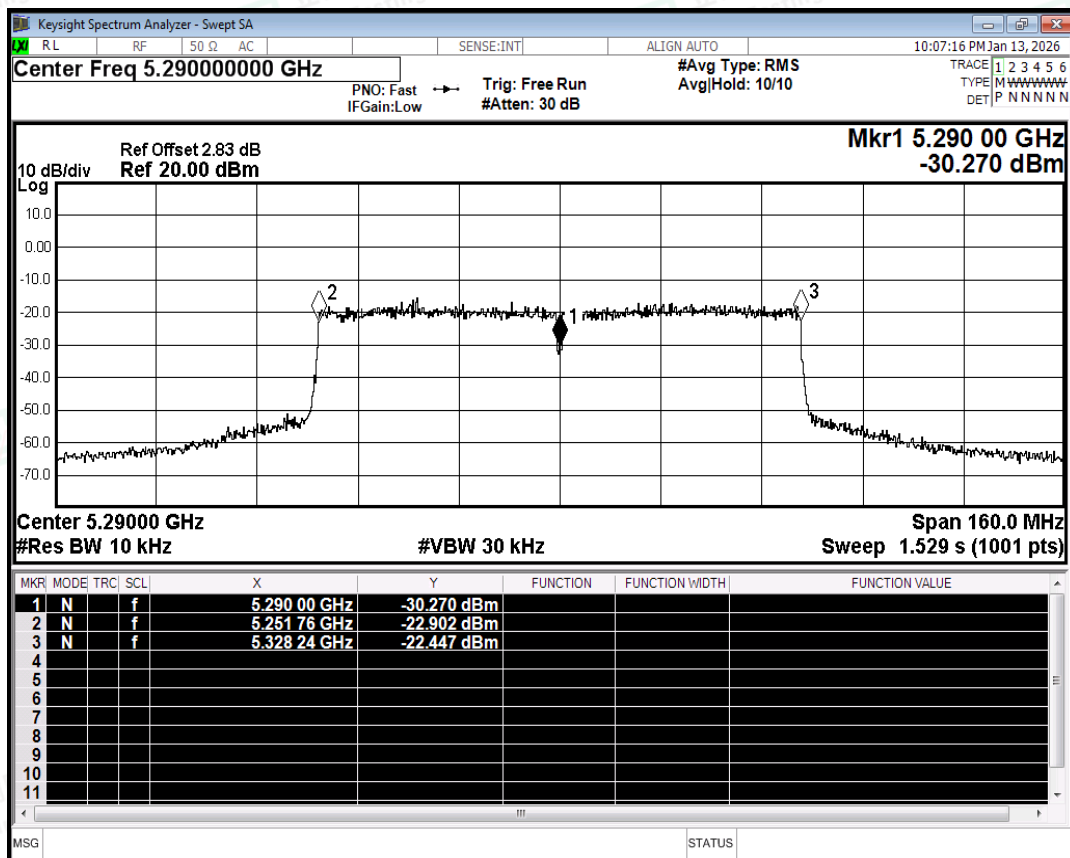


## Freq. Stability NVNT ac40 5270MHz Ant1





Freq. Stability NVNT ac40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

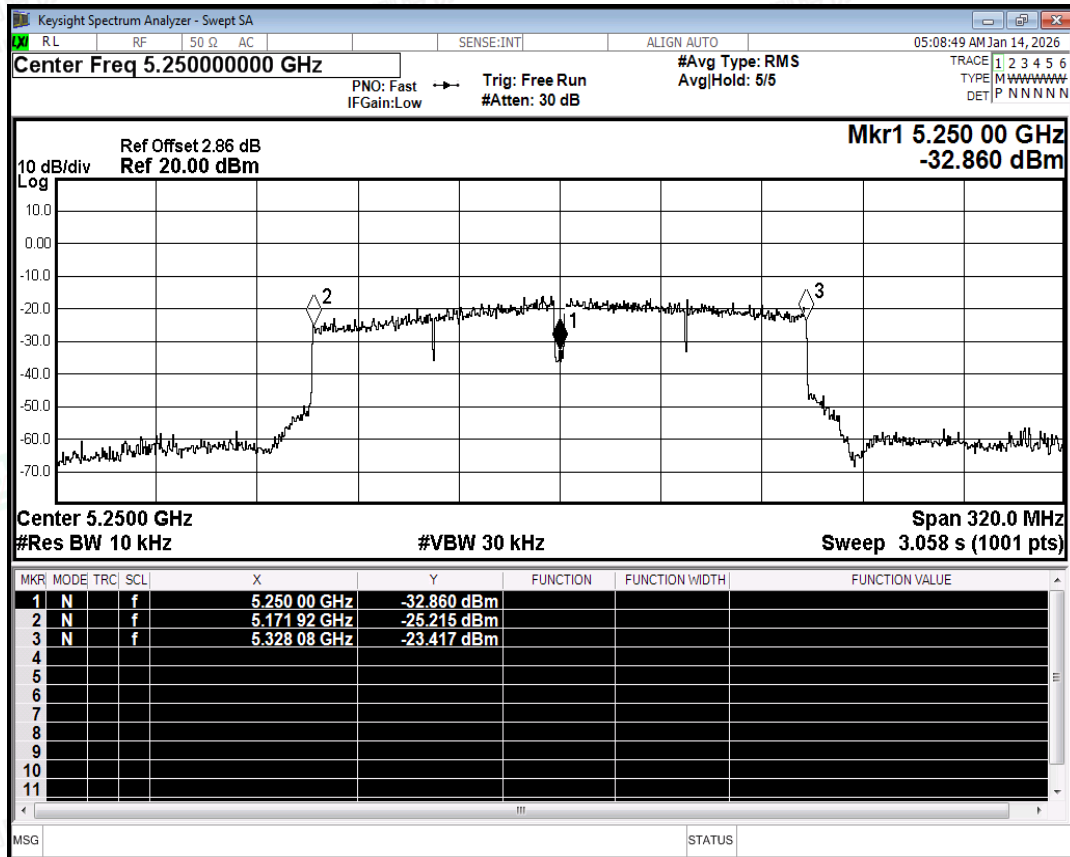
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Freq. Stability NVNT ac80 5290MHz Ant1



## Freq. Stability NVNT ac160 5250MHz Ant1



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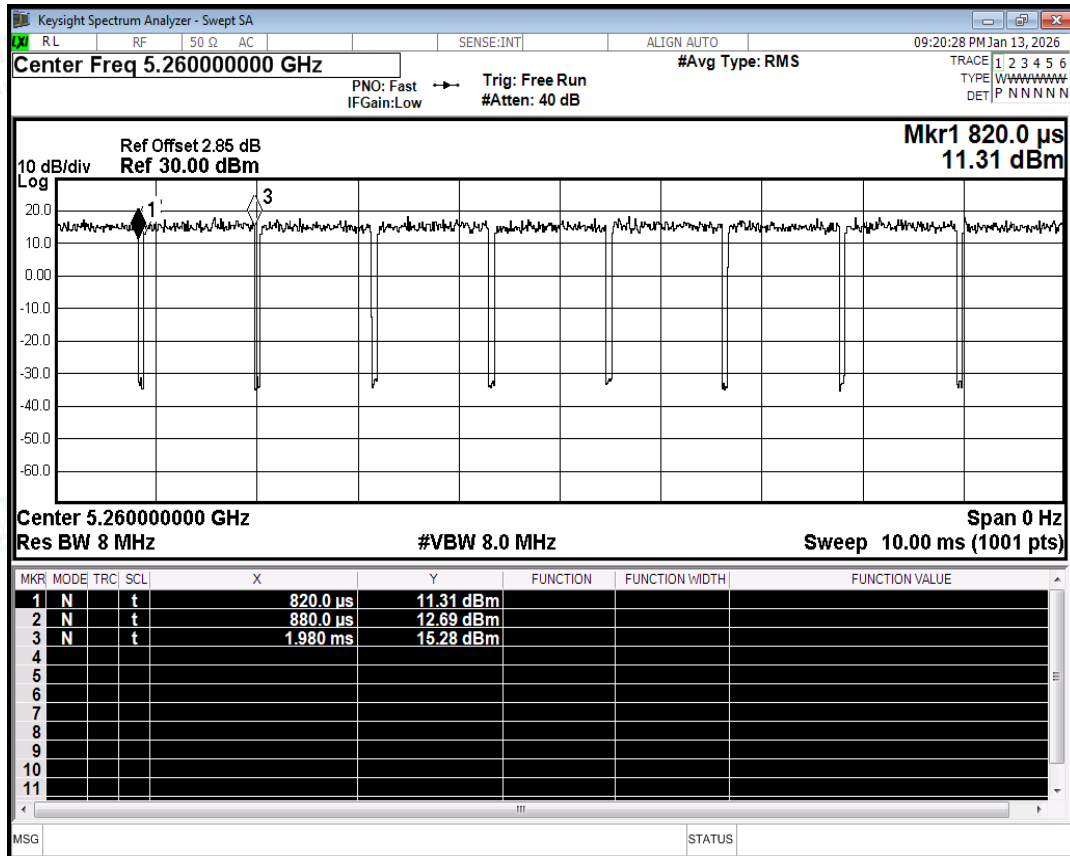
Scan code to check authenticity



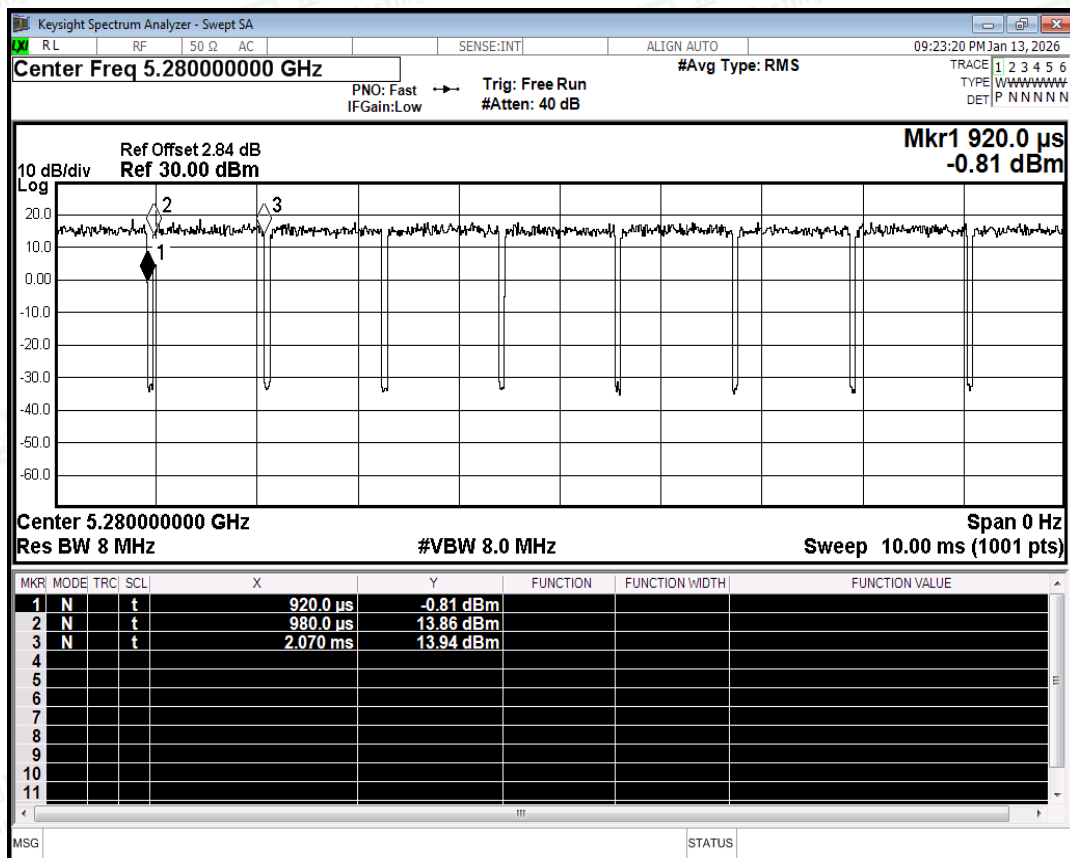
## E.6 Duty Cycle

| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a     | 5260            | Ant1    | 94.83          | 0.23                   | 0.91      |
| NVNT      | a     | 5280            | Ant1    | 94.78          | 0.23                   | 0.92      |
| NVNT      | a     | 5320            | Ant1    | 94.83          | 0.23                   | 0.91      |
| NVNT      | n20   | 5260            | Ant1    | 97.42          | 0.11                   | 0.44      |
| NVNT      | n20   | 5280            | Ant1    | 97             | 0.13                   | 0.44      |
| NVNT      | n20   | 5320            | Ant1    | 97.41          | 0.11                   | 0.44      |
| NVNT      | n40   | 5270            | Ant1    | 94.87          | 0.23                   | 0.9       |
| NVNT      | n40   | 5310            | Ant1    | 94.87          | 0.23                   | 0.9       |
| NVNT      | ac20  | 5260            | Ant1    | 97.42          | 0.11                   | 0.44      |
| NVNT      | ac20  | 5280            | Ant1    | 97.42          | 0.11                   | 0.44      |
| NVNT      | ac20  | 5320            | Ant1    | 97.42          | 0.11                   | 0.44      |
| NVNT      | ac40  | 5270            | Ant1    | 94.92          | 0.23                   | 0.89      |
| NVNT      | ac40  | 5310            | Ant1    | 94.87          | 0.23                   | 0.9       |
| NVNT      | ac80  | 5290            | Ant1    | 90             | 0.46                   | 1.85      |
| NVNT      | ac160 | 5250            | Ant1    | 84.62          | 0.73                   | 3.03      |





Duty Cycle NVNT a 5260MHz Ant1



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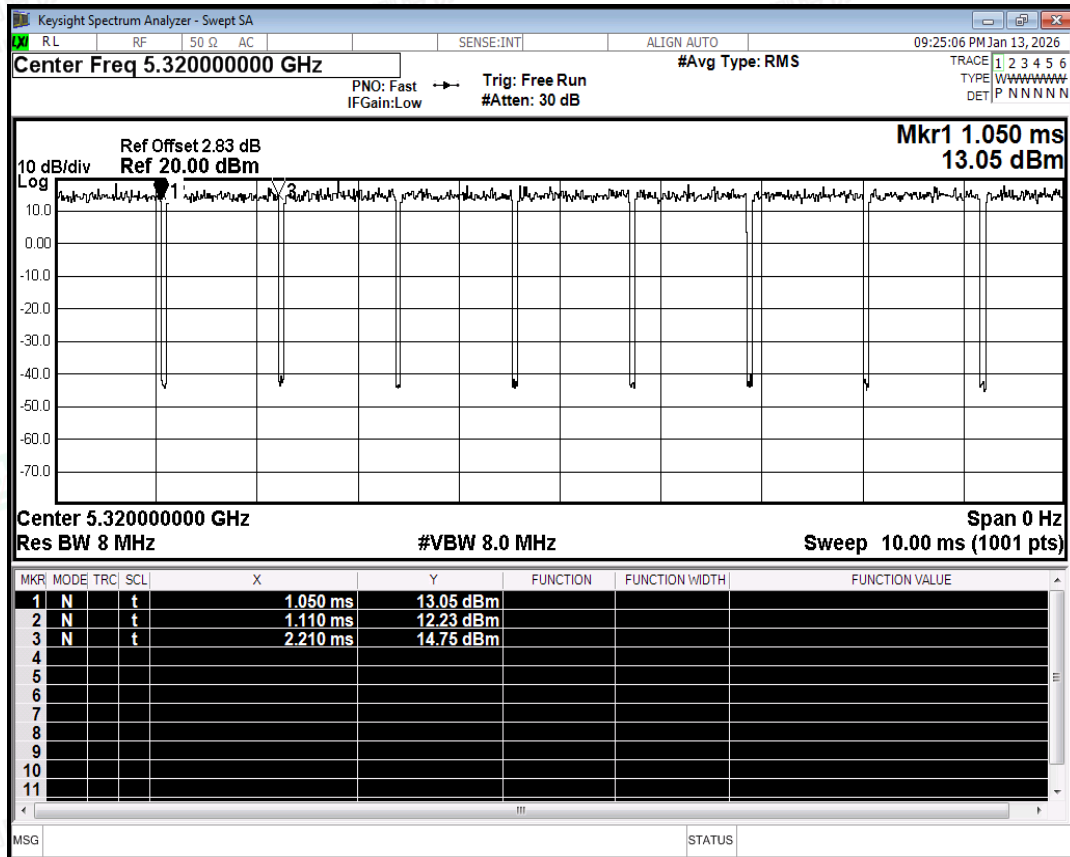
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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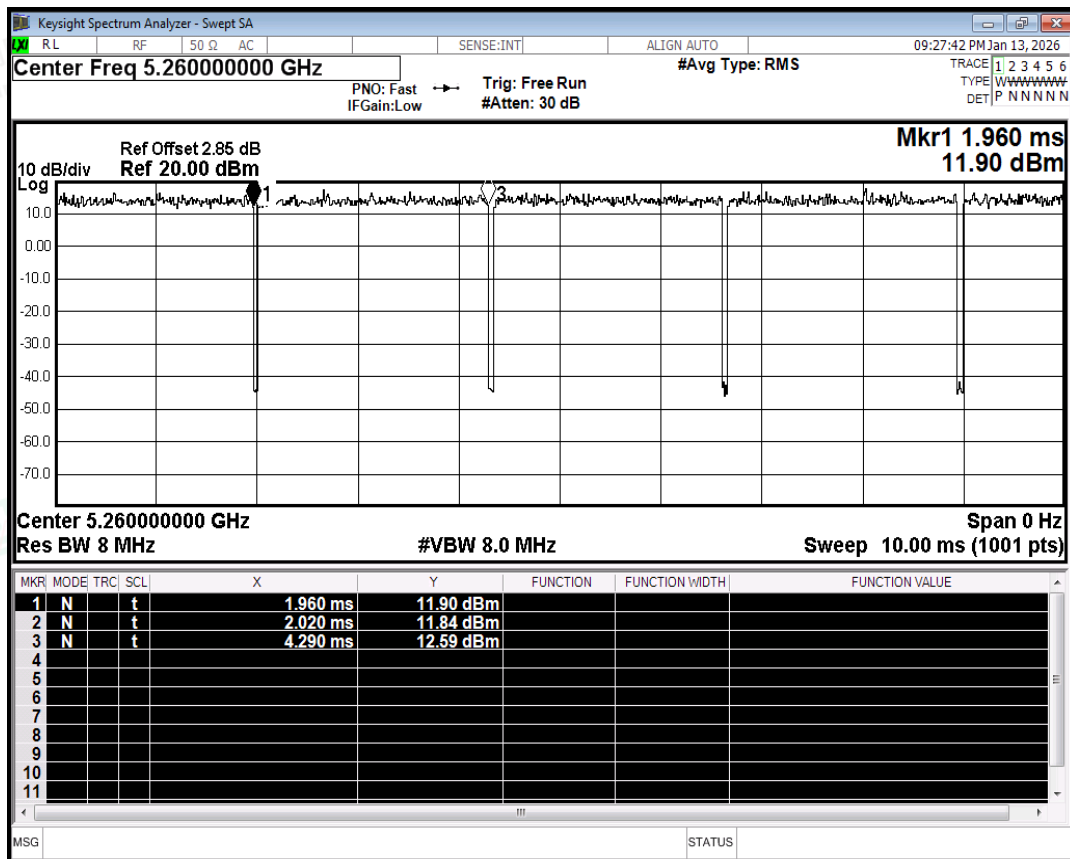


## Duty Cycle NVNT a 5280MHz Ant1

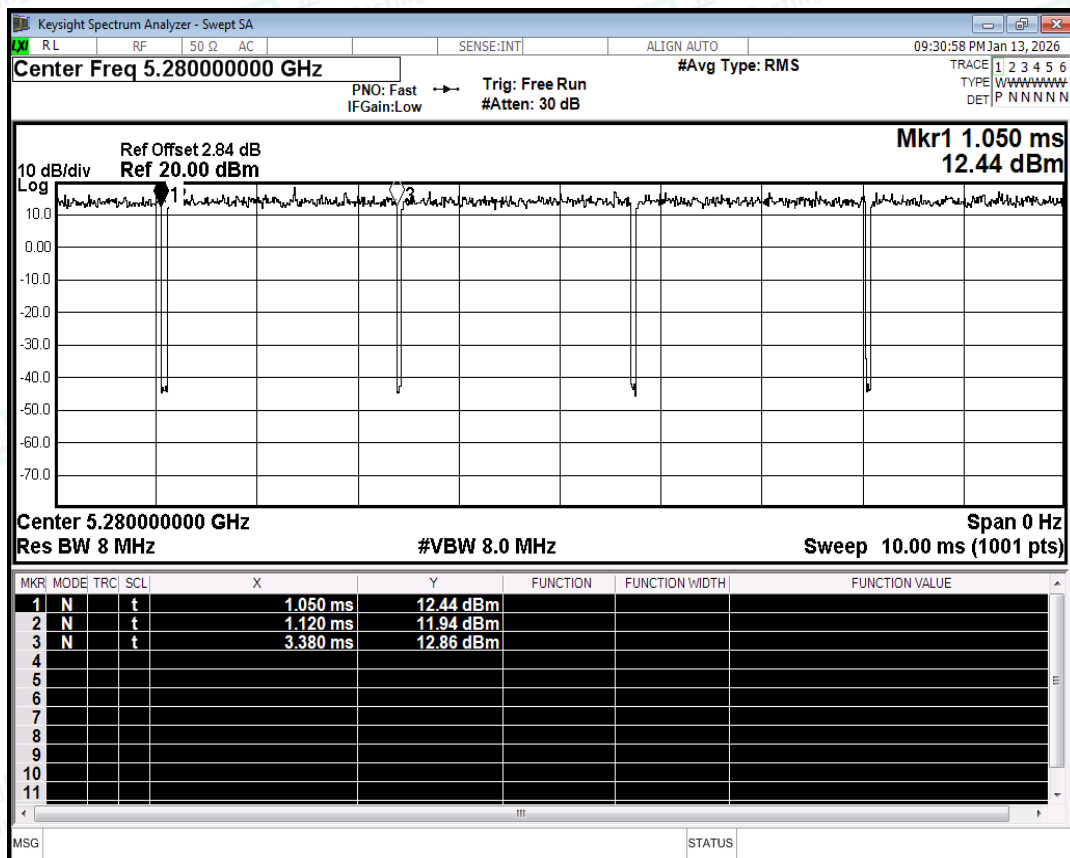


## Duty Cycle NVNT a 5320MHz Ant1





Duty Cycle NVNT n20 5260MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

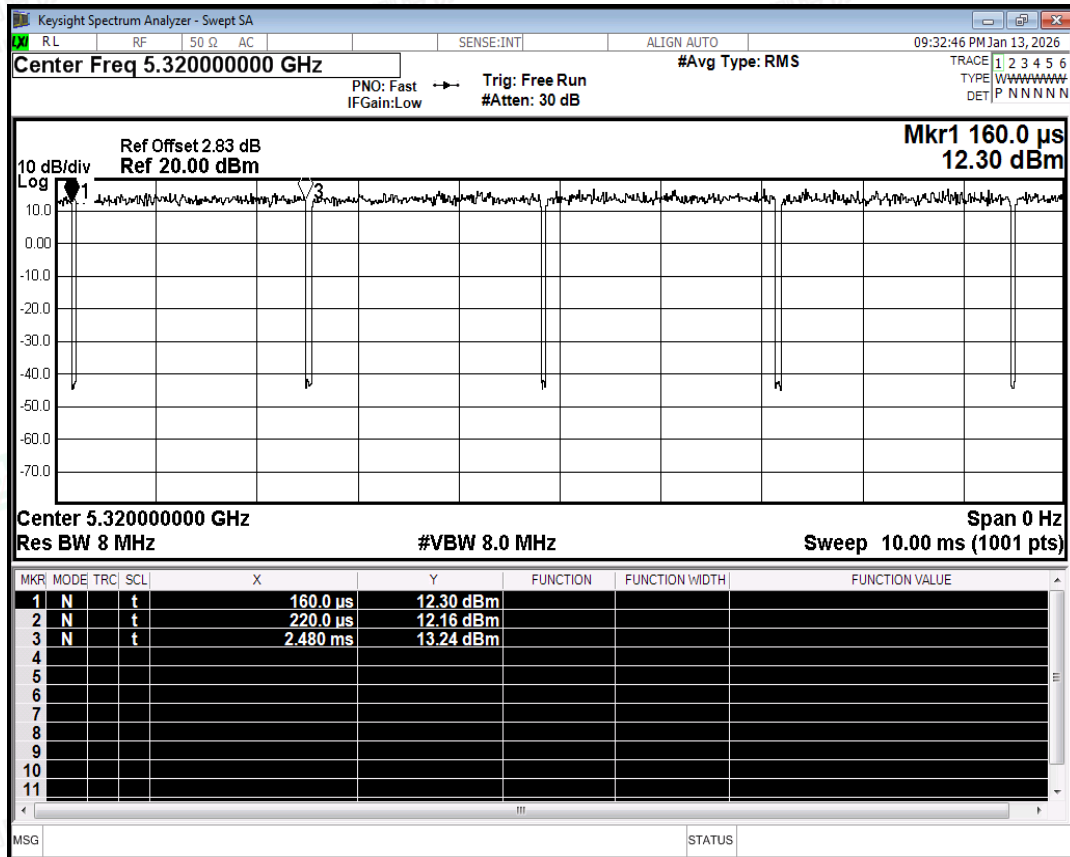
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Duty Cycle NVNT n20 5280MHz Ant1



## Duty Cycle NVNT n20 5320MHz Ant1

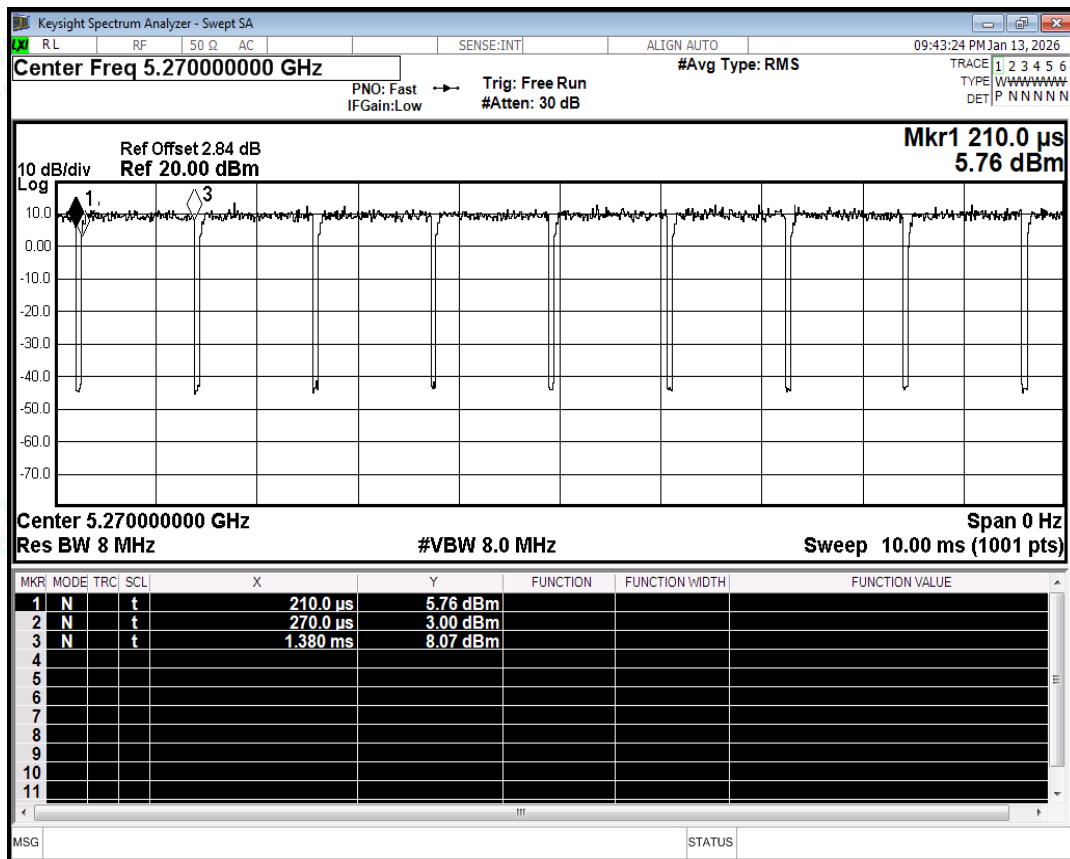


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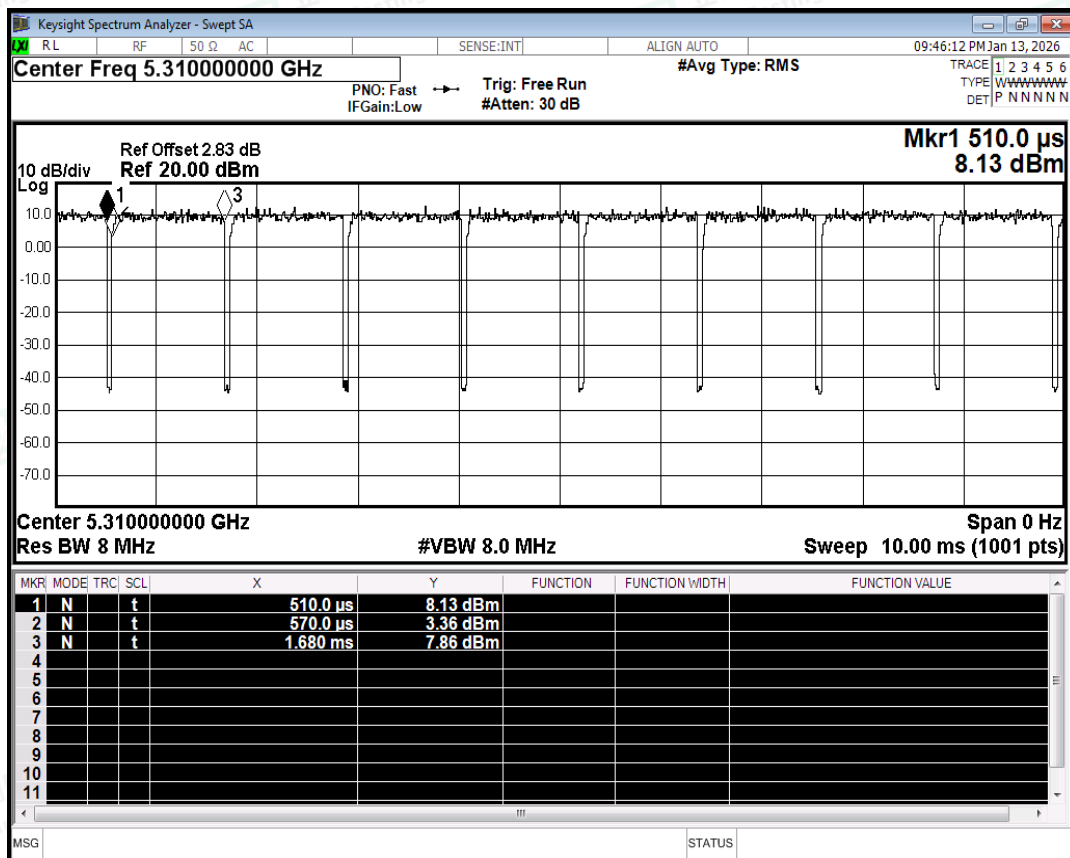
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Duty Cycle NVNT n40 5270MHz Ant1



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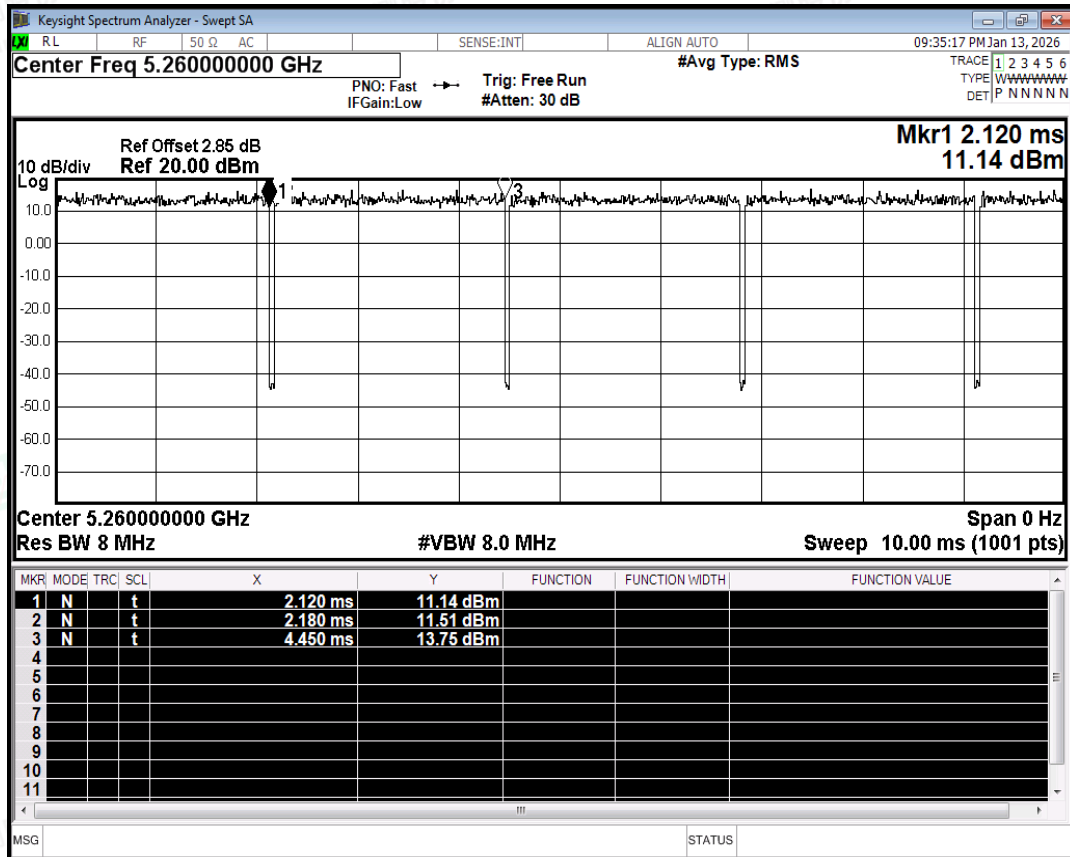
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Duty Cycle NVNT n40 5310MHz Ant1



## Duty Cycle NVNT ac20 5260MHz Ant1

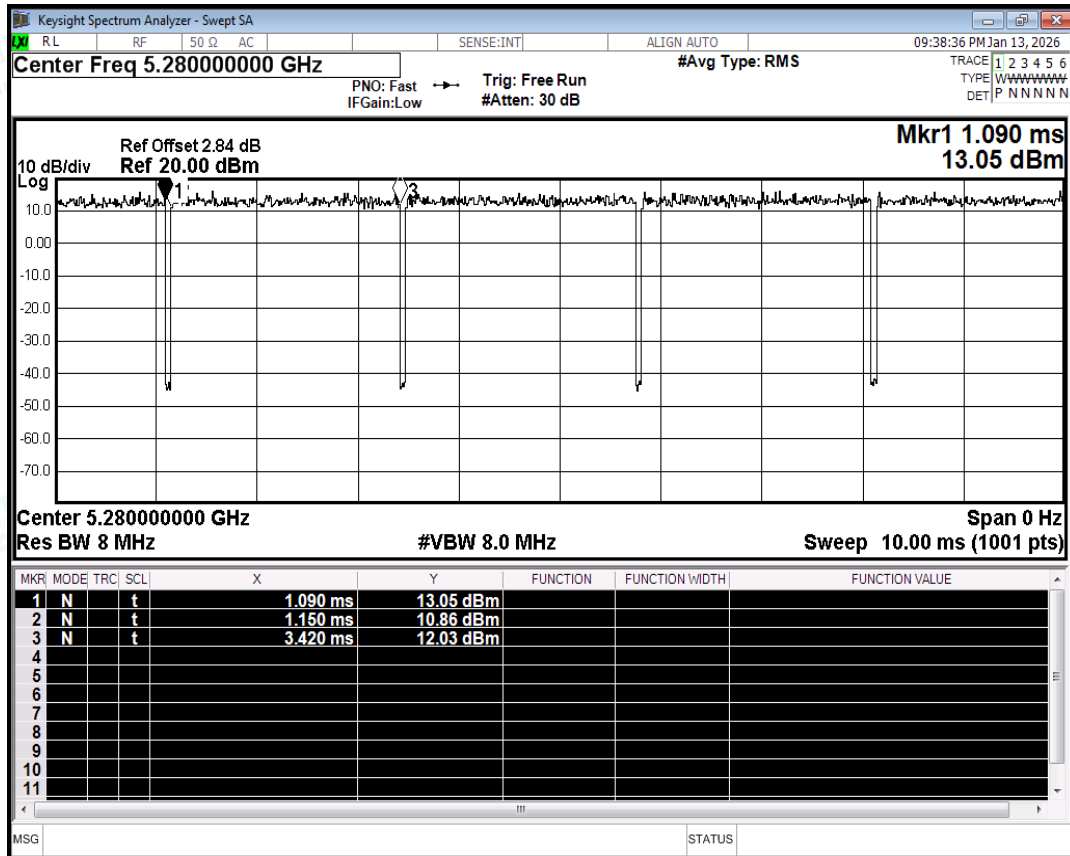


Shenzhen LCS Compliance Testing Laboratory Ltd.

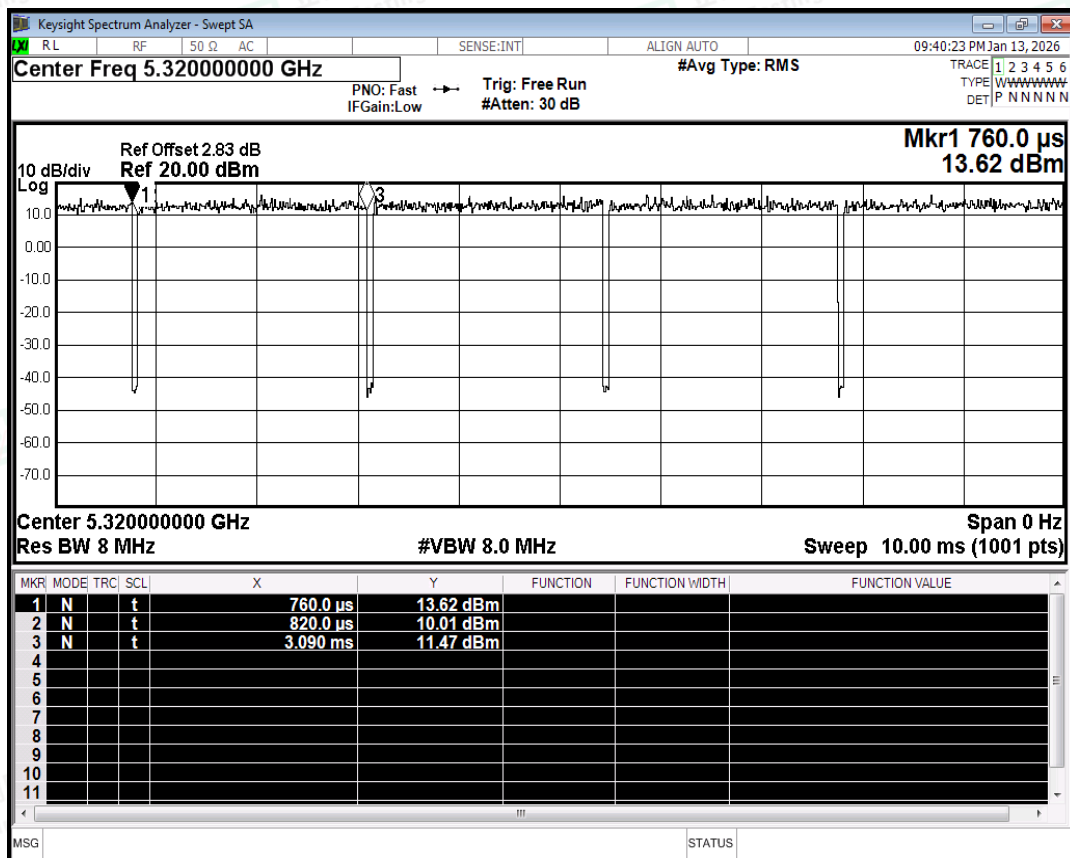
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Duty Cycle NVNT ac20 5280MHz Ant1



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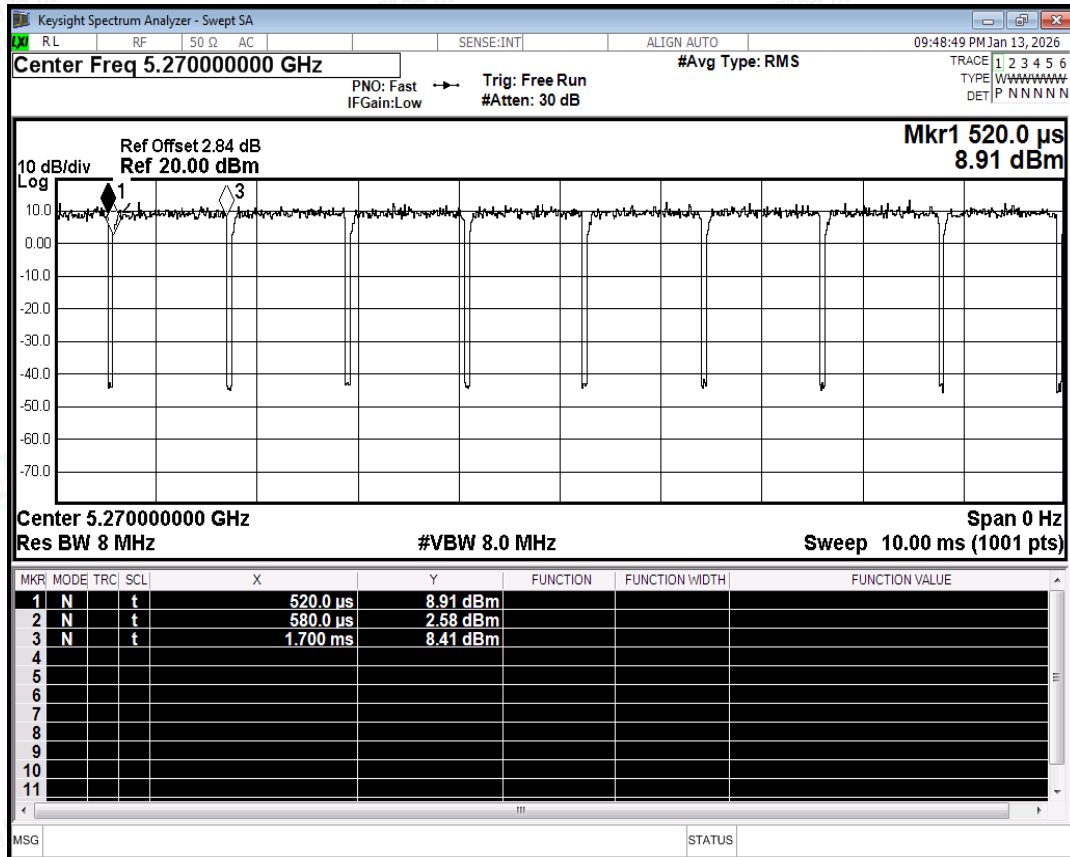
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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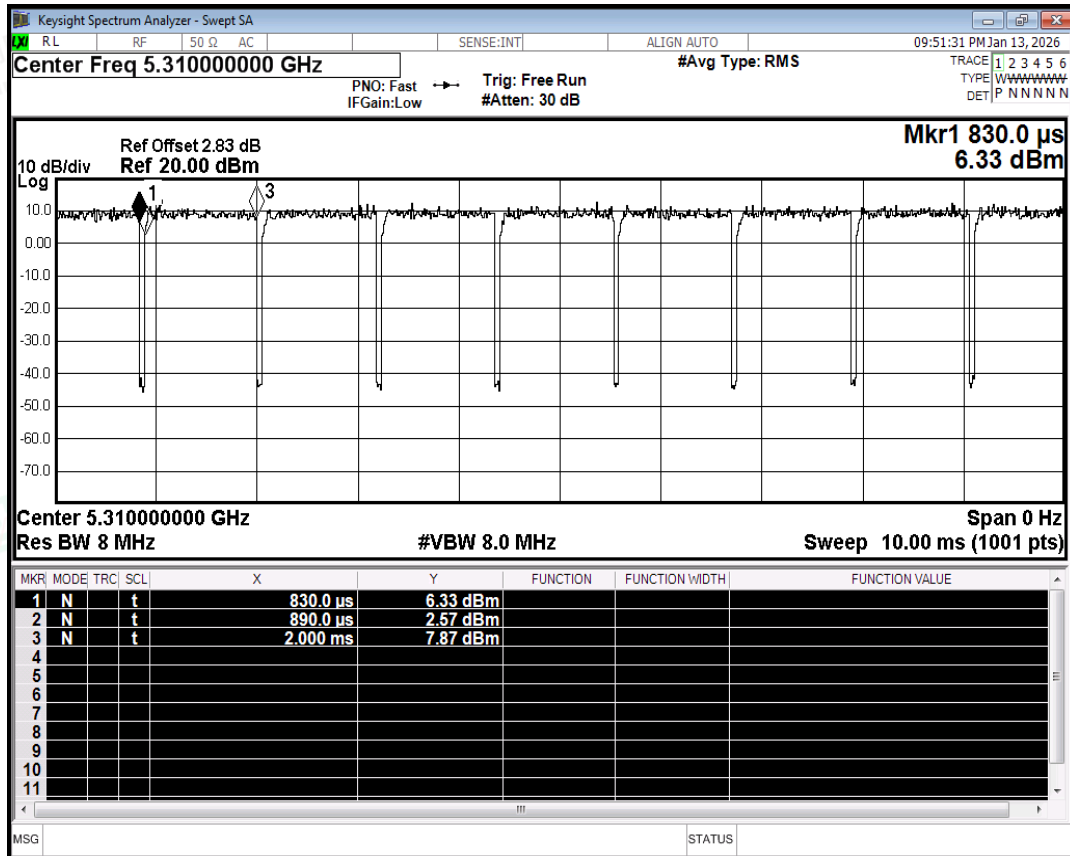


## Duty Cycle NVNT ac20 5320MHz Ant1

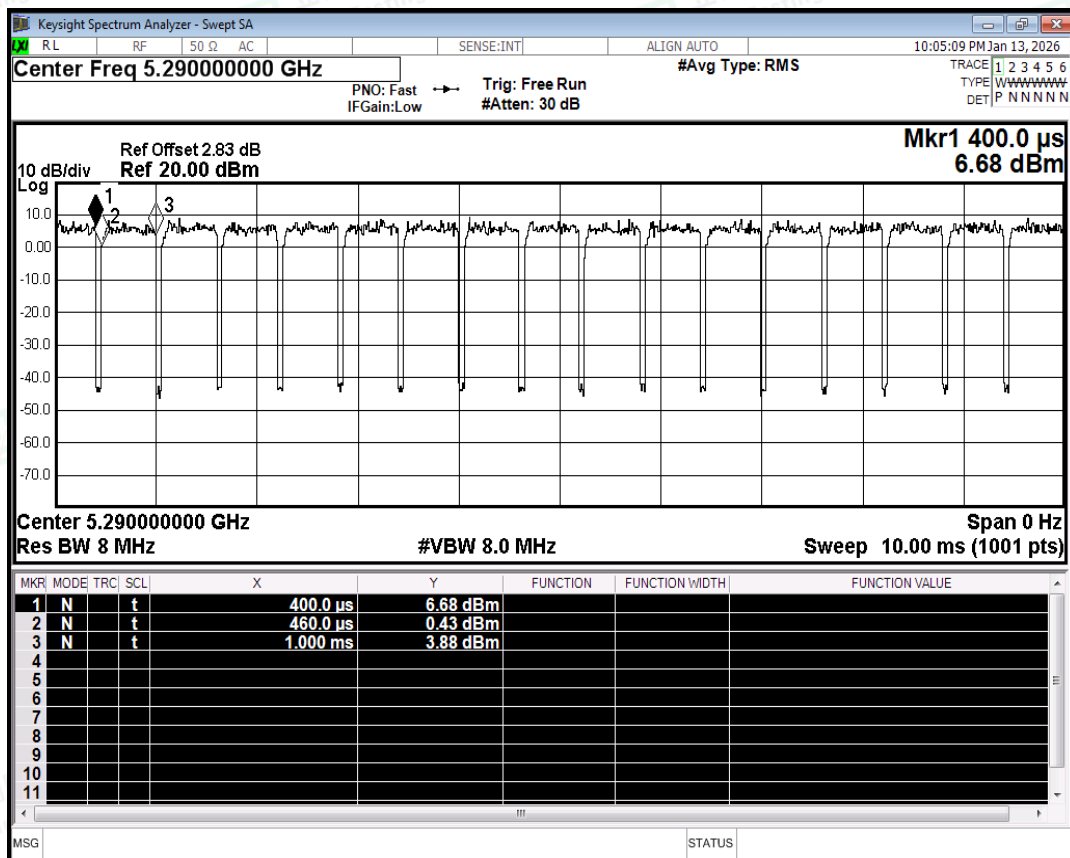


## Duty Cycle NVNT ac40 5270MHz Ant1





Duty Cycle NVNT ac40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

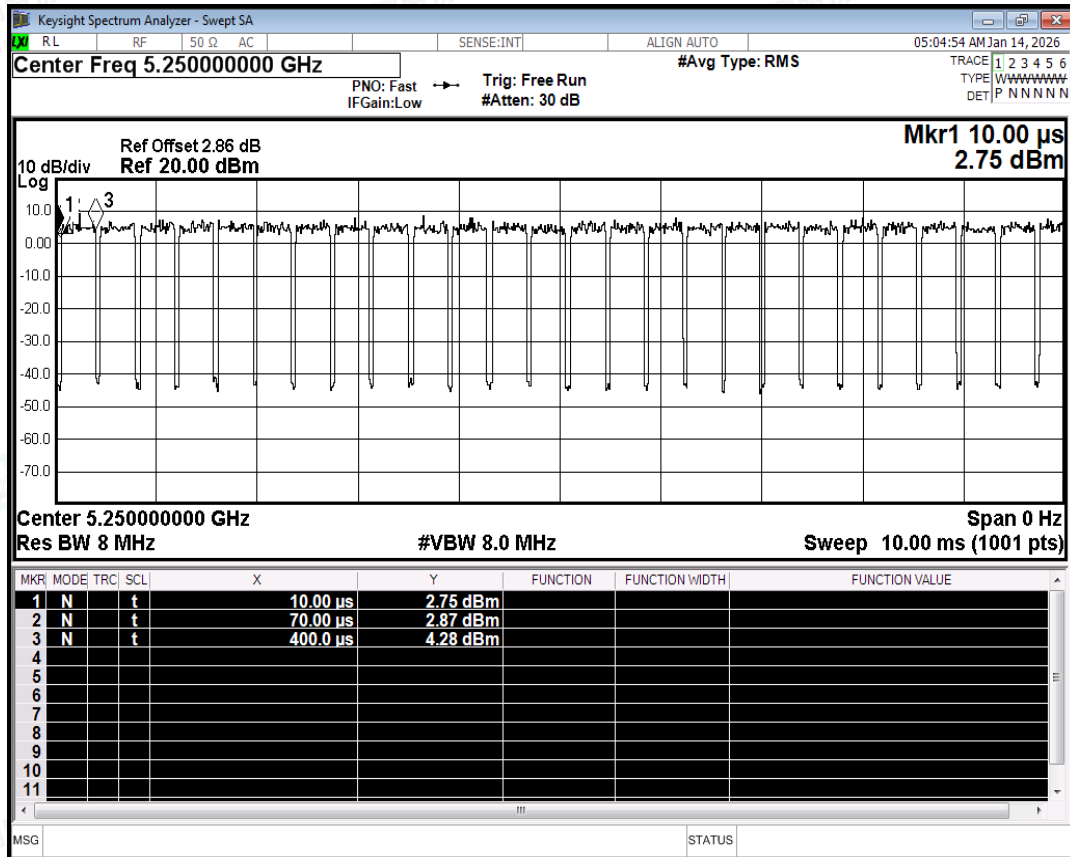
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Duty Cycle NVNT ac80 5290MHz Ant1



## Duty Cycle NVNT ac160 5250MHz Ant1



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