



## Appendix F

### RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: Smart Phone

Test Model: ONE

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.5° C   |
| Relative Humidity: | 52.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li huan   |





## F.1 -26dB Bandwidth

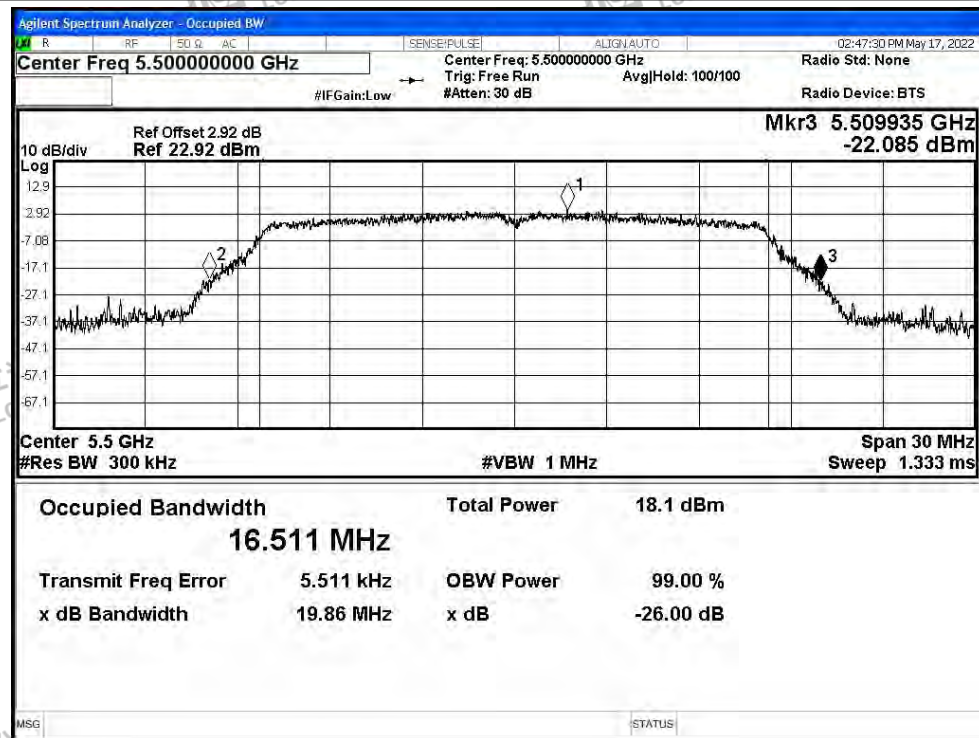
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5500            | Ant1    | 19.859                 | 0.5                          | Pass    |
| NVNT      | a    | 5580            | Ant1    | 19.957                 | 0.5                          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 19.914                 | 0.5                          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 20.174                 | 0.5                          | Pass    |
| NVNT      | n20  | 5580            | Ant1    | 20.352                 | 0.5                          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 20.32                  | 0.5                          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 39.538                 | 0.5                          | Pass    |
| NVNT      | n40  | 5550            | Ant1    | 39.462                 | 0.5                          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 39.603                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 20.388                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5580            | Ant1    | 20.258                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 20.408                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 39.66                  | 0.5                          | Pass    |
| NVNT      | ac40 | 5550            | Ant1    | 39.512                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 39.877                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 79.268                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 78.918                 | 0.5                          | Pass    |





## Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

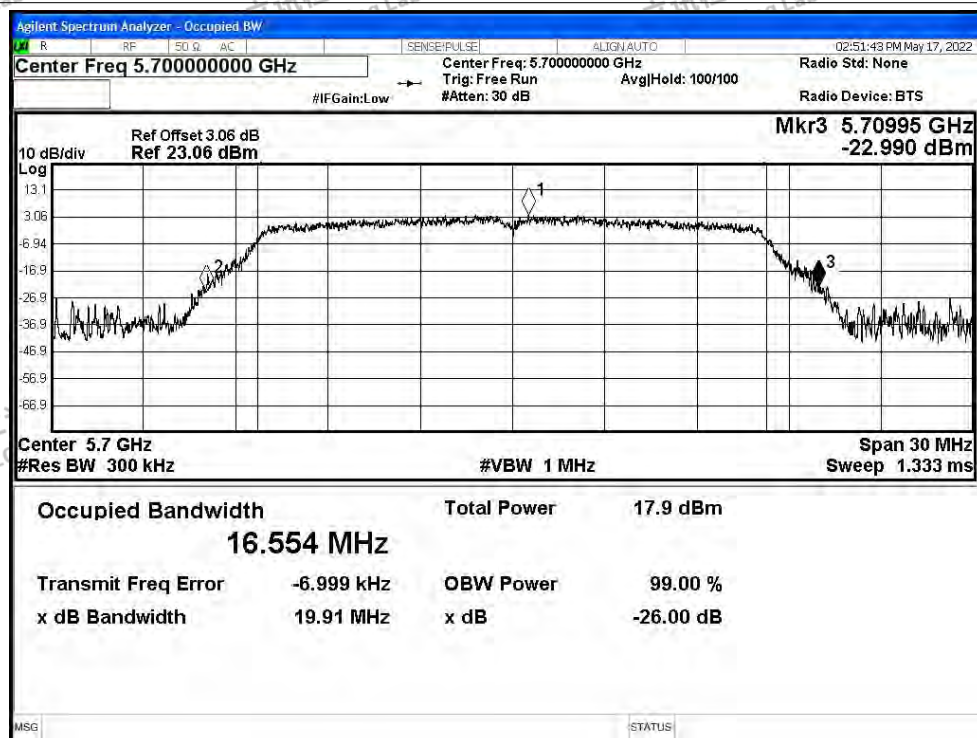


-26dB Bandwidth NVNT a 5580MHz Ant1

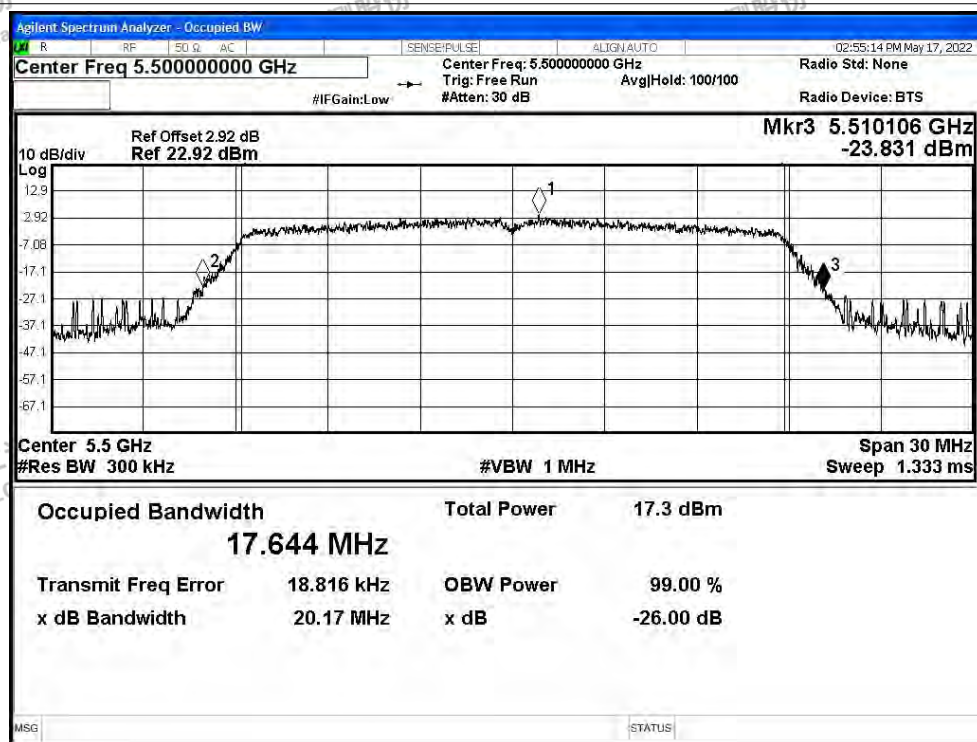




-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1



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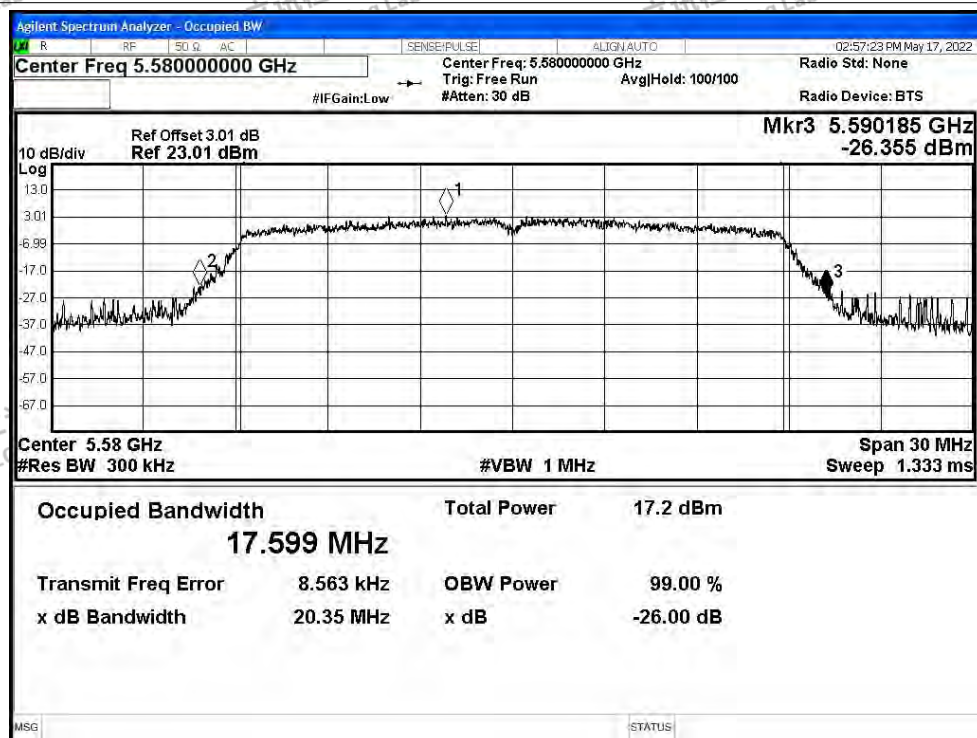
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



-26dB Bandwidth NVNT n20 5580MHz Ant1

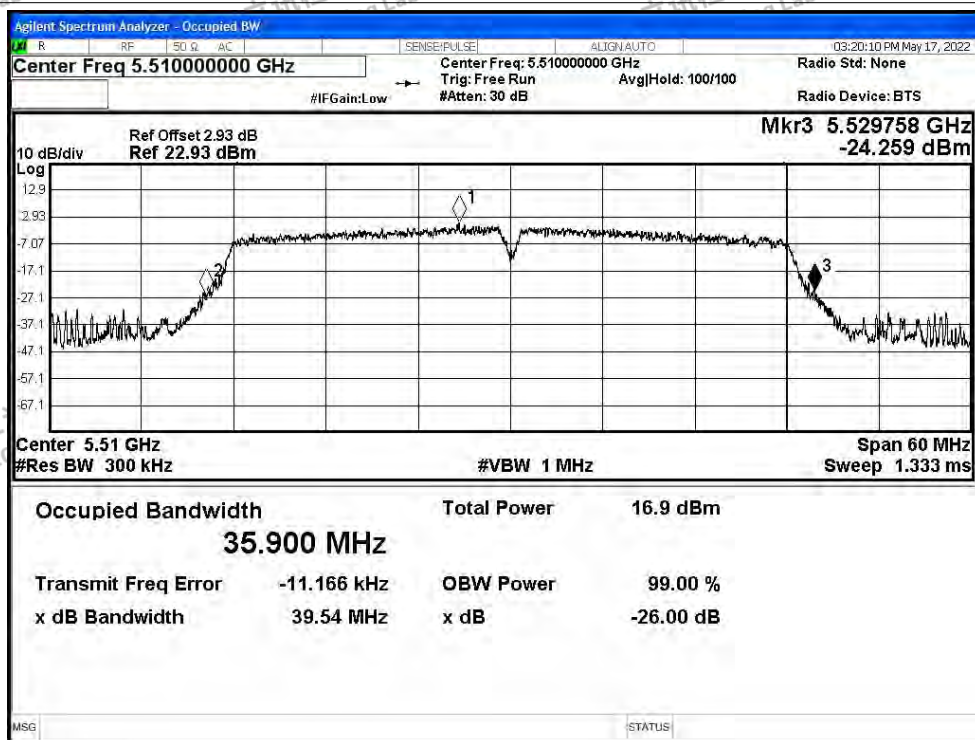


-26dB Bandwidth NVNT n20 5700MHz Ant1

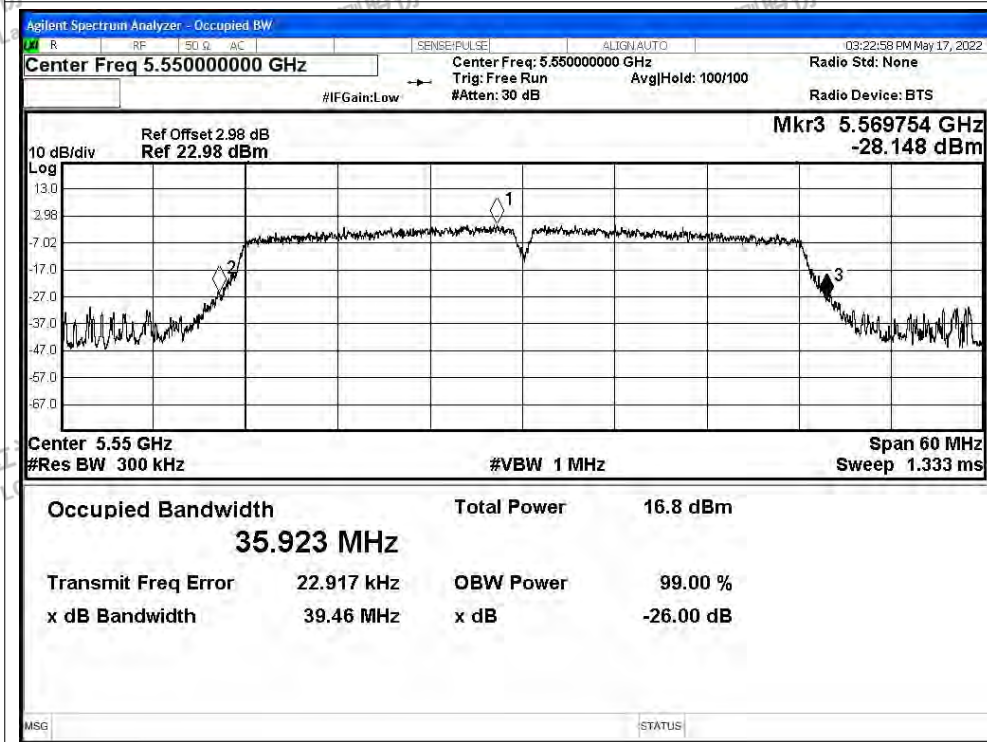




-26dB Bandwidth NVNT n40 5510MHz Ant1

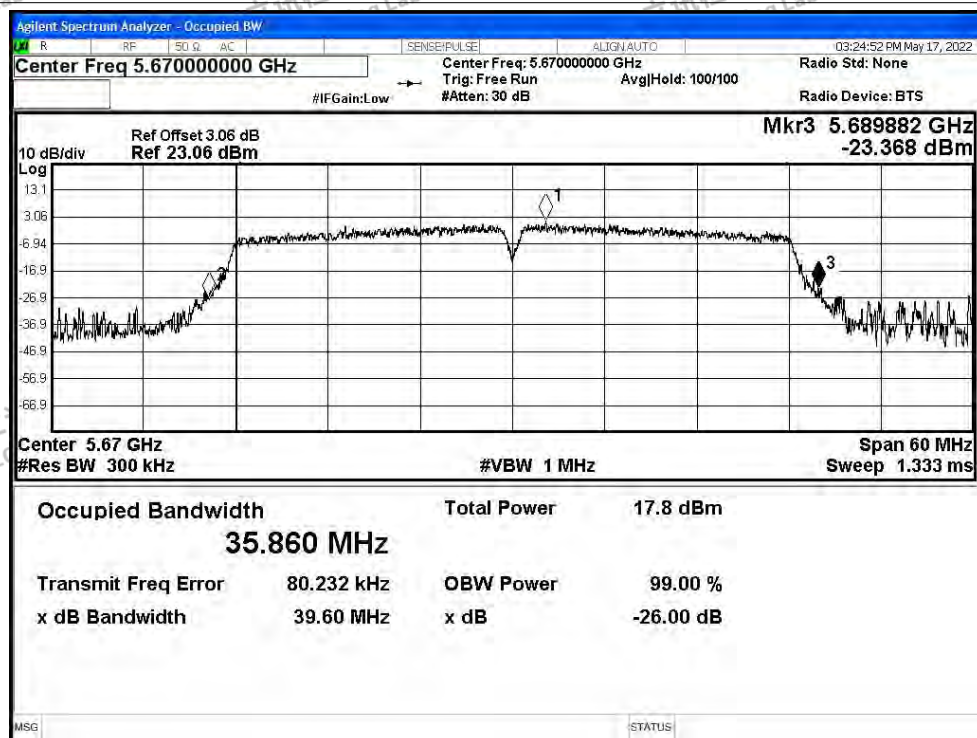


-26dB Bandwidth NVNT n40 5550MHz Ant1





-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

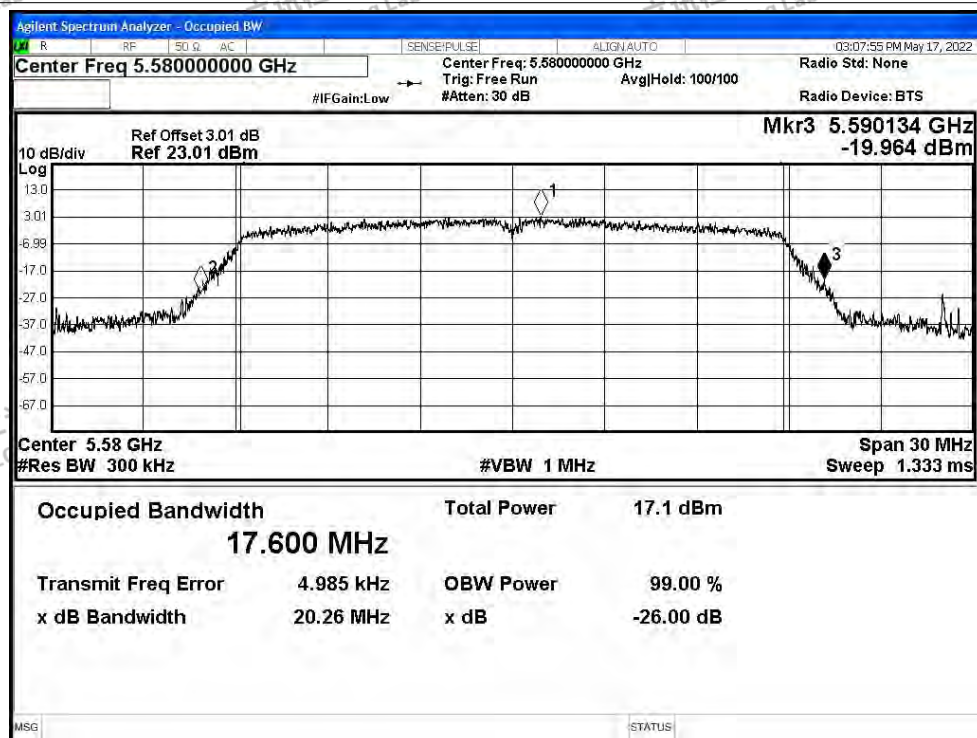
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5580MHz Ant1

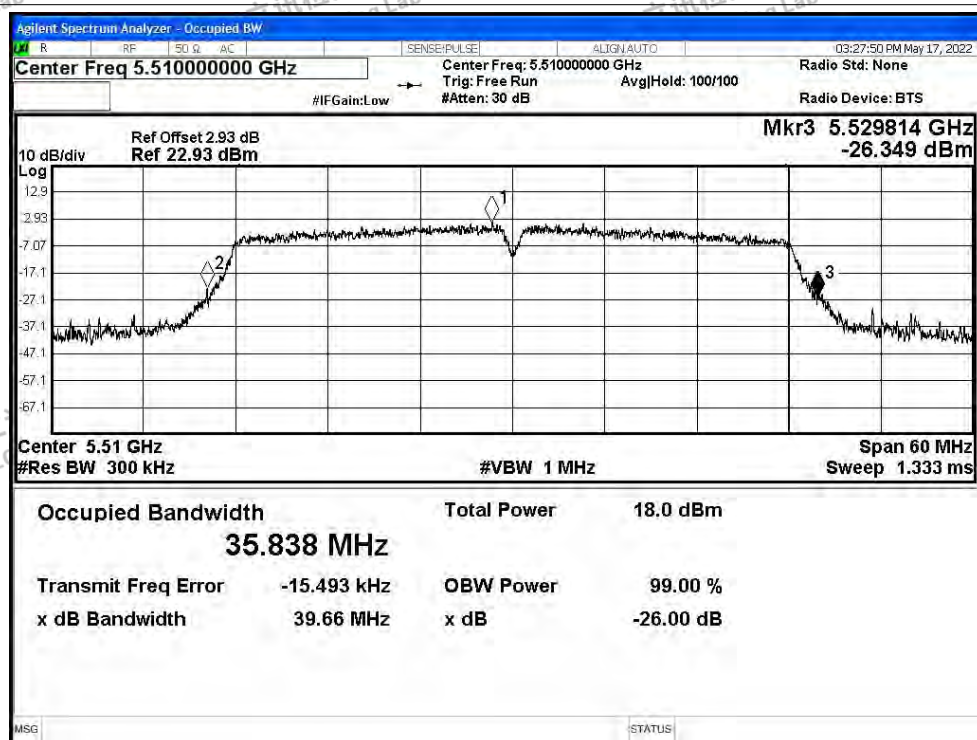


-26dB Bandwidth NVNT ac20 5700MHz Ant1

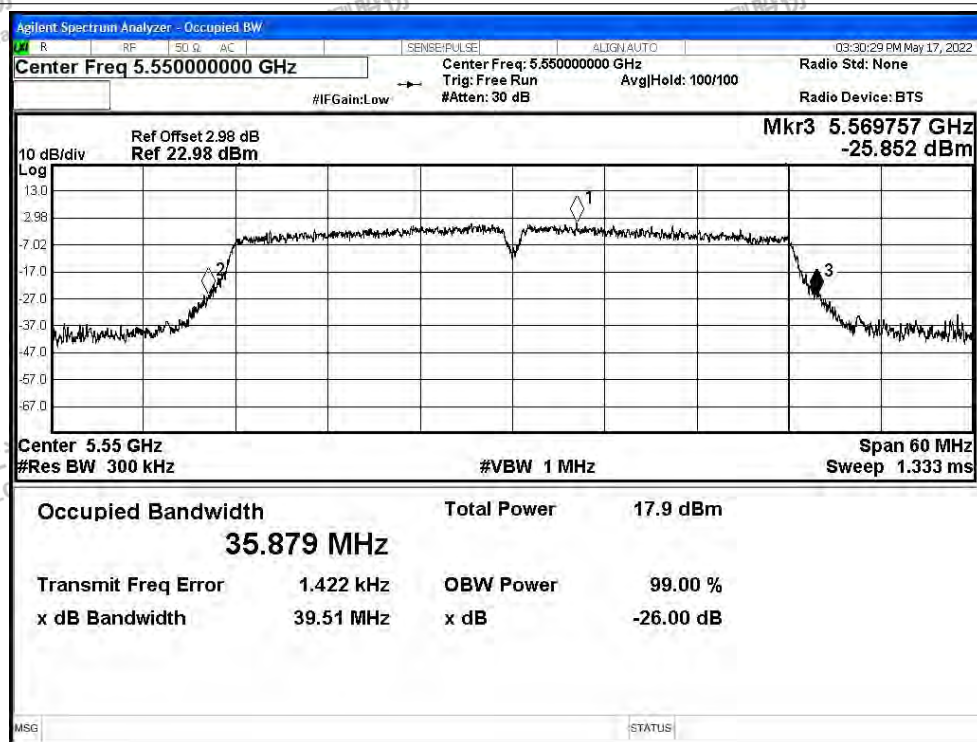




-26dB Bandwidth NVNT ac40 5510MHz Ant1

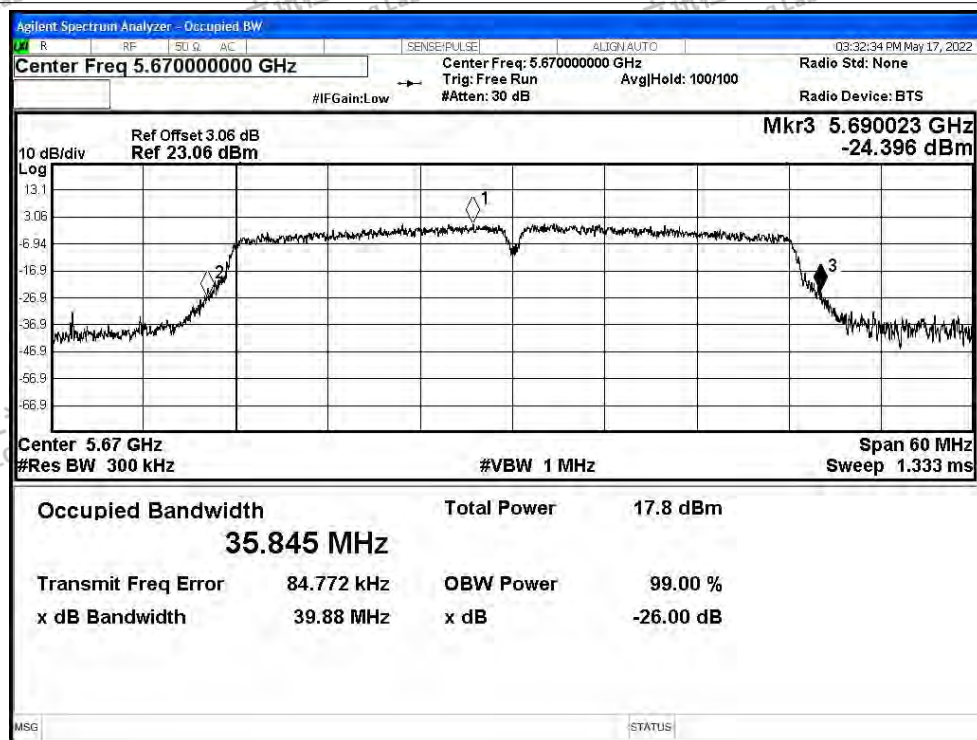


-26dB Bandwidth NVNT ac40 5550MHz Ant1

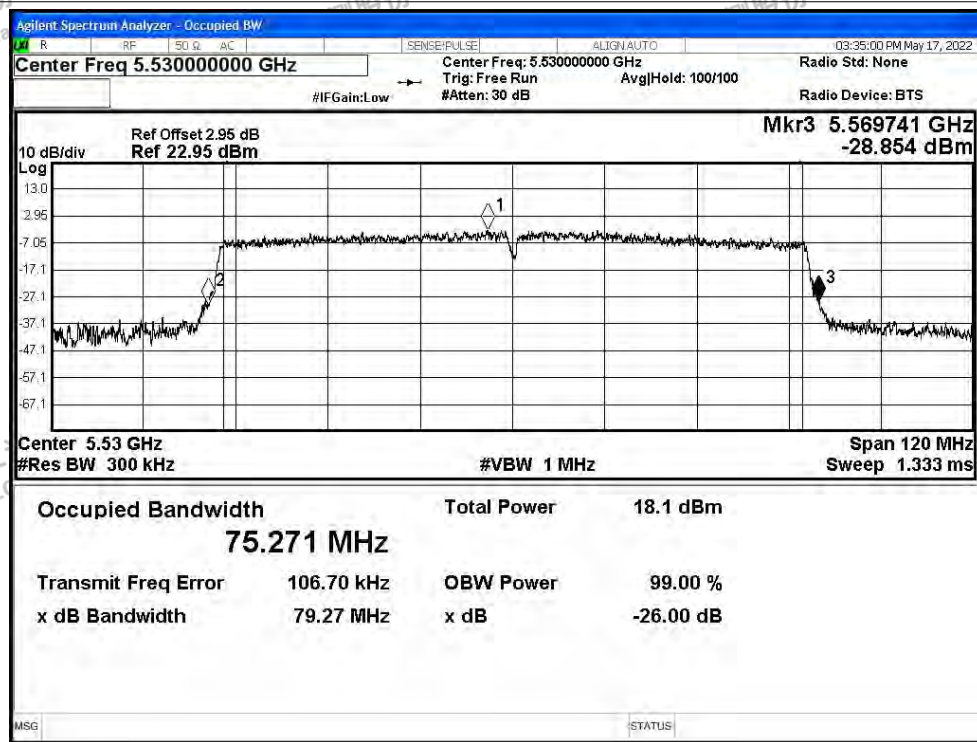




-26dB Bandwidth NVNT ac40 5670MHz Ant1

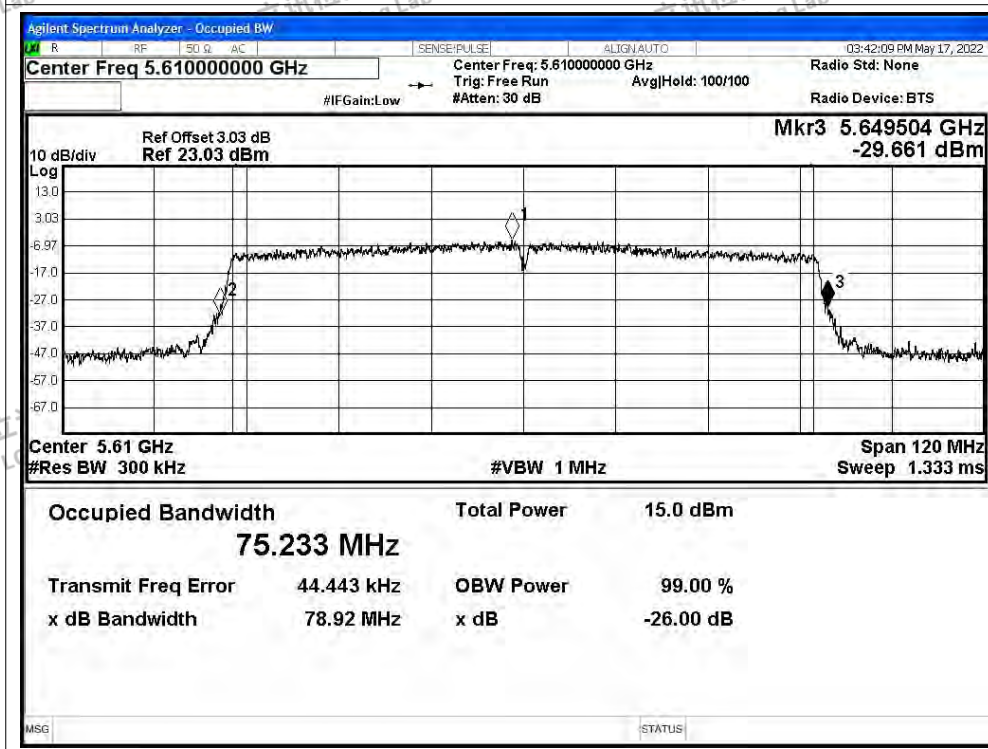


-26dB Bandwidth NVNT ac80 5530MHz Ant1





-26dB Bandwidth NVNT ac80 5610MHz Ant1





## F.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | 12.48                 | 0.13             | 12.61             | 24          | Pass    |
| NVNT      | a    | 5580            | Ant1    | 12.15                 | 0.13             | 12.28             | 24          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 12.14                 | 0.13             | 12.27             | 24          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 11.78                 | 0.14             | 11.92             | 24          | Pass    |
| NVNT      | n20  | 5580            | Ant1    | 11.52                 | 0.14             | 11.66             | 24          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 11.58                 | 0.14             | 11.72             | 24          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 11.05                 | 0.27             | 11.32             | 24          | Pass    |
| NVNT      | n40  | 5550            | Ant1    | 10.88                 | 0.27             | 11.15             | 24          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 11.65                 | 0.27             | 11.92             | 24          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 11.82                 | 0.14             | 11.96             | 24          | Pass    |
| NVNT      | ac20 | 5580            | Ant1    | 11.45                 | 0.14             | 11.59             | 24          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 11.04                 | 0.14             | 11.18             | 24          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 11.93                 | 0.27             | 12.20             | 24          | Pass    |
| NVNT      | ac40 | 5550            | Ant1    | 11.89                 | 0.26             | 12.15             | 24          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 11.85                 | 0.27             | 12.12             | 24          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 11.64                 | 0.51             | 12.15             | 24          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 11.43                 | 0.52             | 11.95             | 24          | Pass    |





### F.3 Maximum Power Spectral Density Level

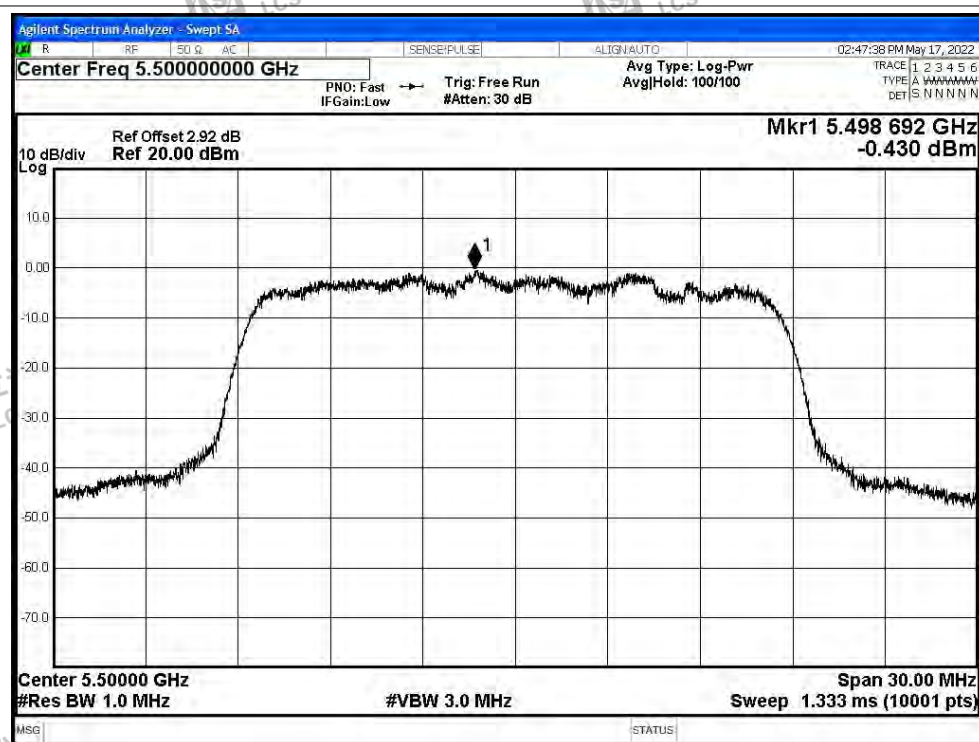
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -0.43               | 0.13             | -0.3            | 11          | Pass    |
| NVNT      | a    | 5580            | Ant1    | -0.13               | 0.13             | 0               | 11          | Pass    |
| NVNT      | a    | 5700            | Ant1    | -0.11               | 0.13             | 0.02            | 11          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | -0.43               | 0.14             | -0.29           | 11          | Pass    |
| NVNT      | n20  | 5580            | Ant1    | -0.45               | 0.14             | -0.31           | 11          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | -1.62               | 0.14             | -1.48           | 11          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | -5.81               | 0.27             | -5.54           | 11          | Pass    |
| NVNT      | n40  | 5550            | Ant1    | -5.7                | 0.27             | -5.43           | 11          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | -4.53               | 0.27             | -4.26           | 11          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | -0.79               | 0.14             | -0.65           | 11          | Pass    |
| NVNT      | ac20 | 5580            | Ant1    | -0.63               | 0.14             | -0.49           | 11          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | -1.15               | 0.14             | -1.01           | 11          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | -4.1                | 0.27             | -3.83           | 11          | Pass    |
| NVNT      | ac40 | 5550            | Ant1    | -5.03               | 0.26             | -4.77           | 11          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | -4.46               | 0.27             | -4.19           | 11          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | -10.11              | 0.51             | -9.6            | 11          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | -12.32              | 0.52             | -11.8           | 11          | Pass    |



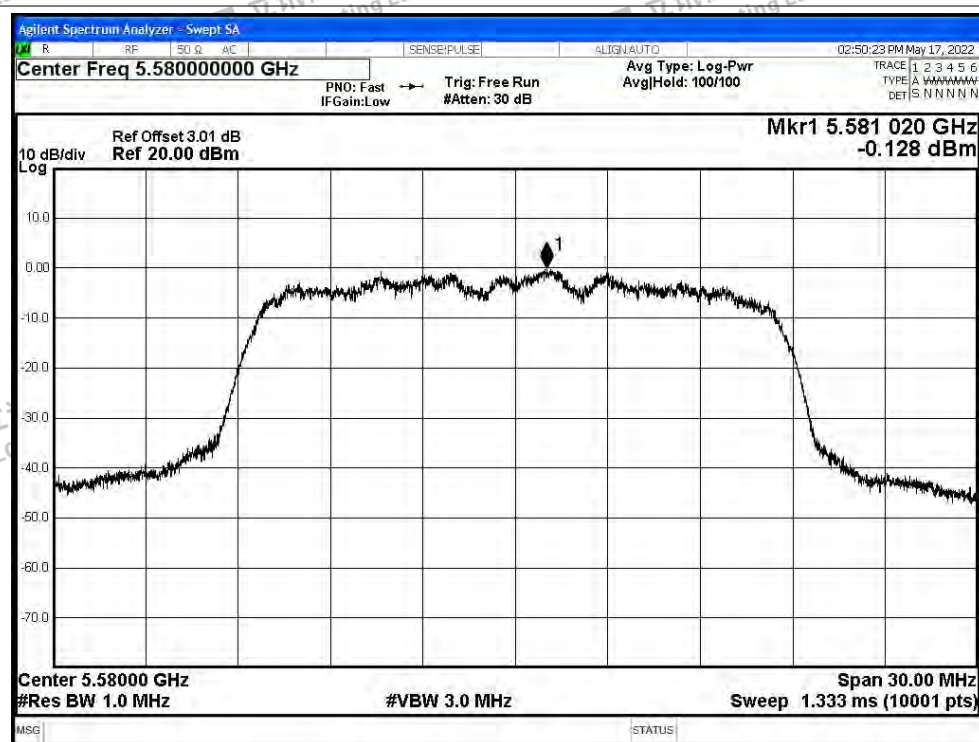


## Test Graphs

PSD NVNT a 5500MHz Ant1

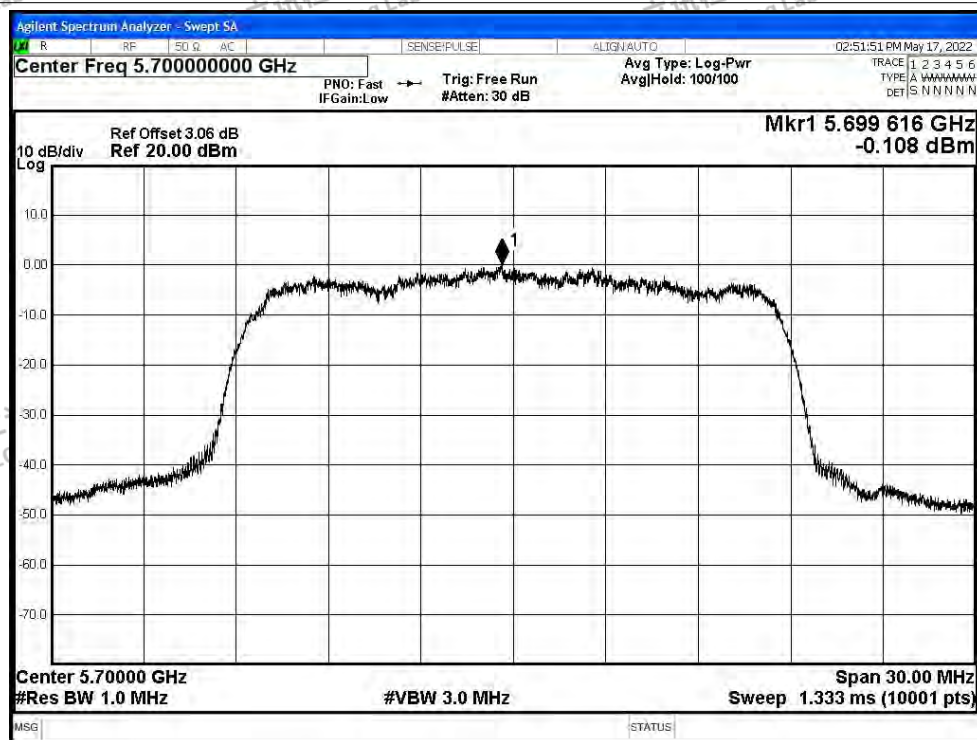


PSD NVNT a 5580MHz Ant1

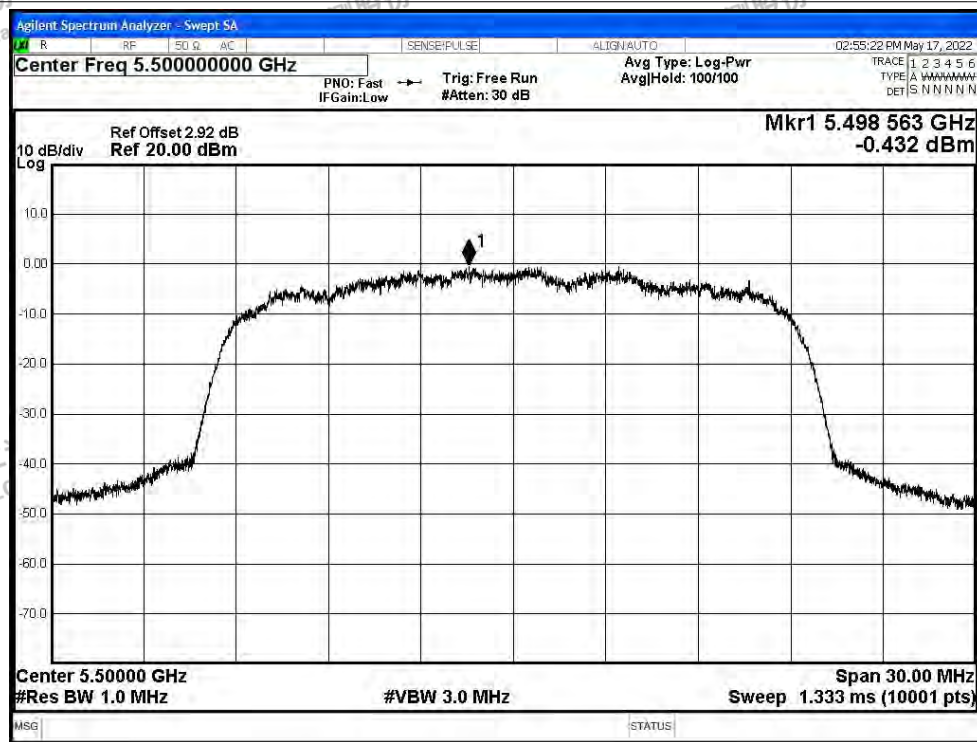




## PSD NVNT a 5700MHz Ant1

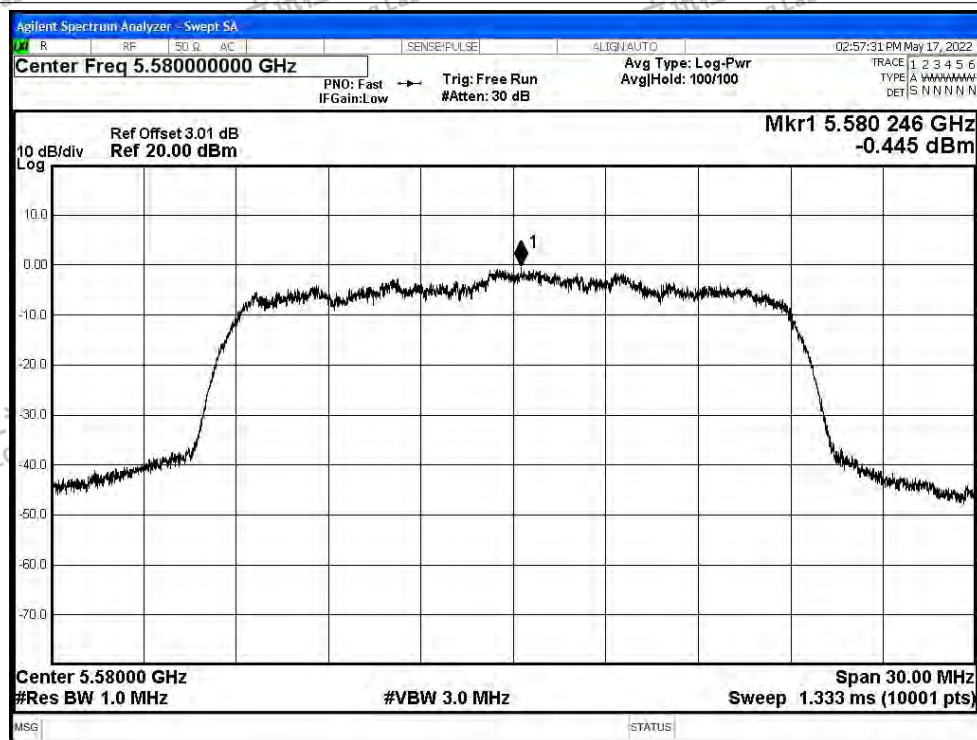


## PSD NVNT n20 5500MHz Ant1

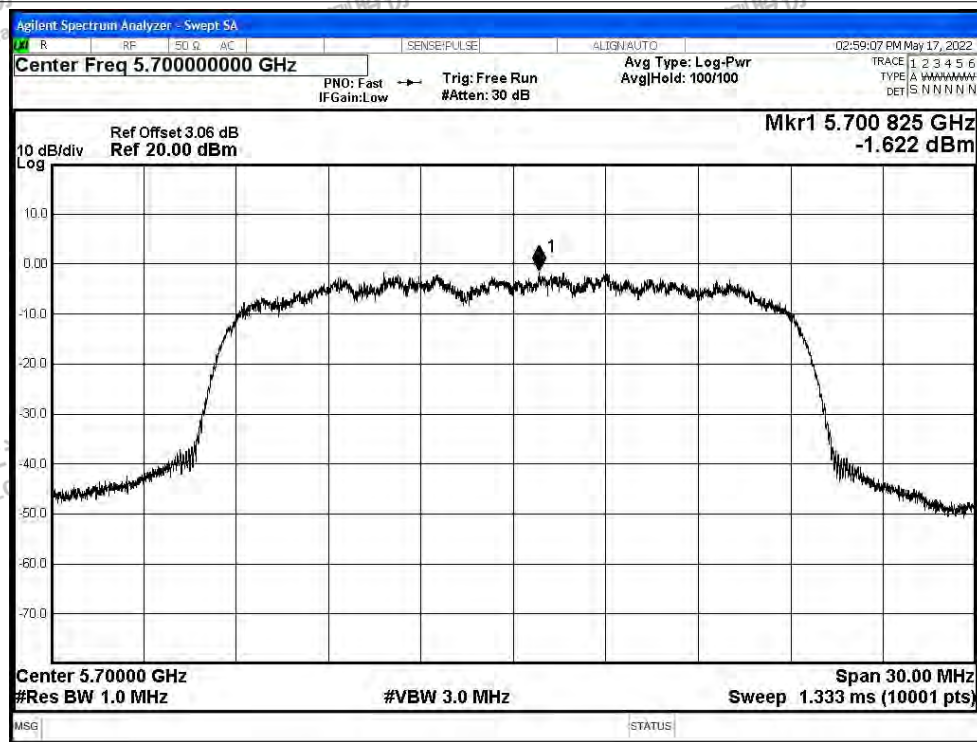




## PSD NVNT n20 5580MHz Ant1

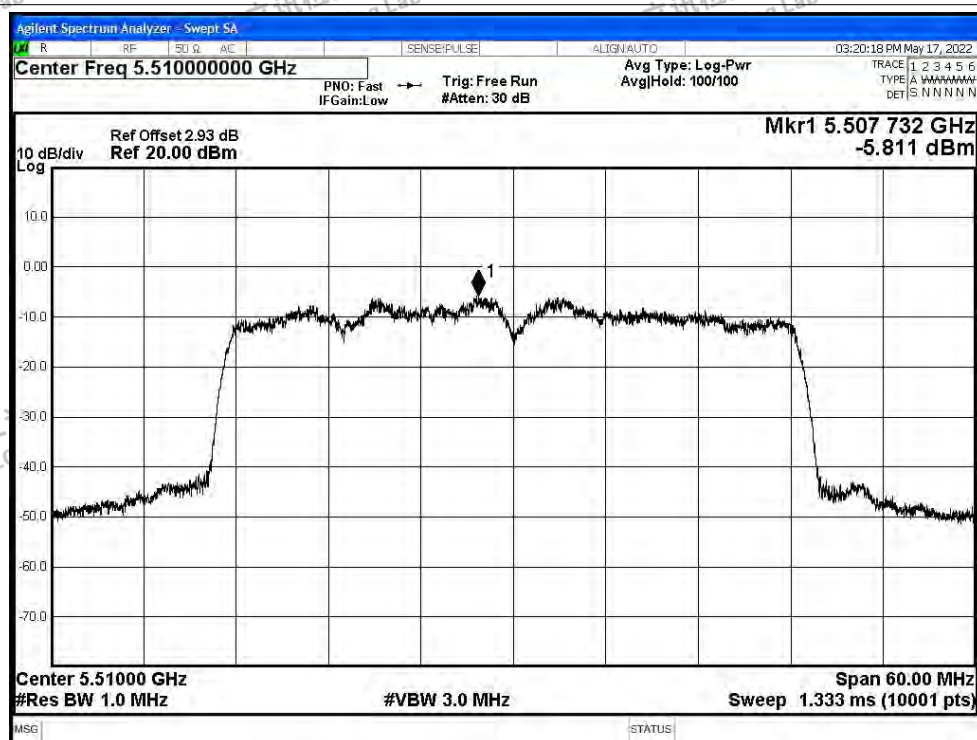


## PSD NVNT n20 5700MHz Ant1

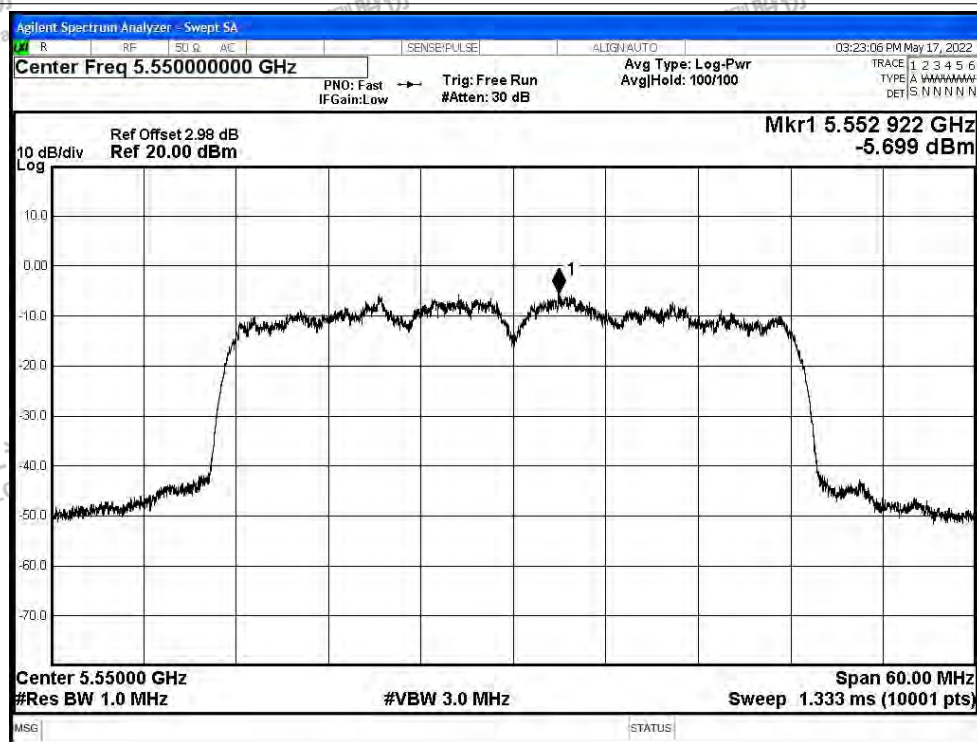




## PSD NVNT n40 5510MHz Ant1



## PSD NVNT n40 5550MHz Ant1



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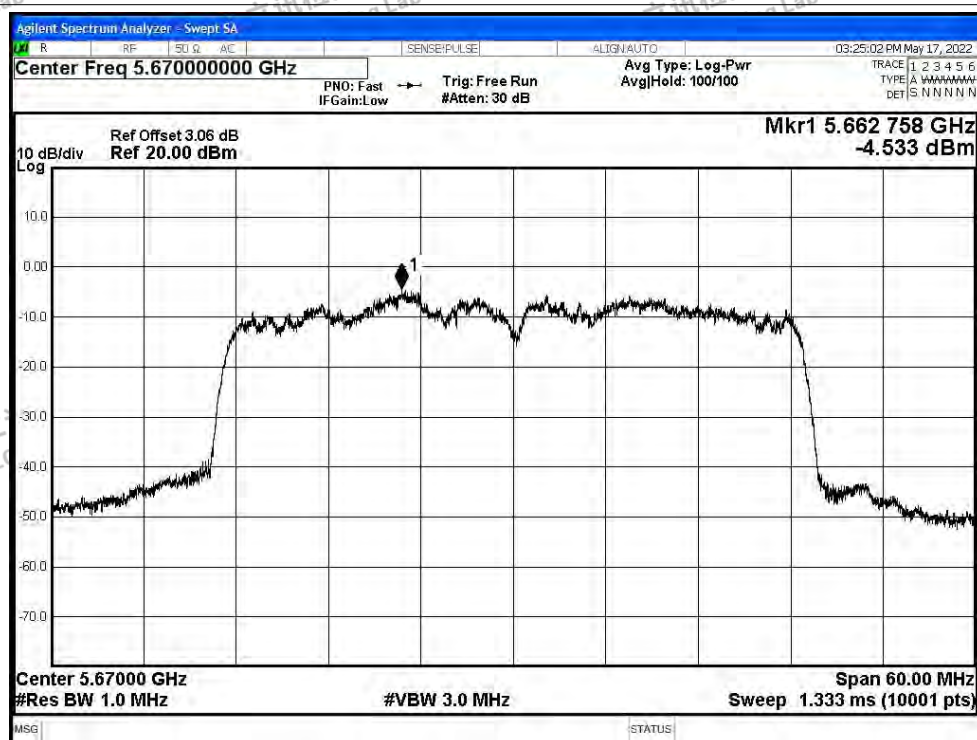
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

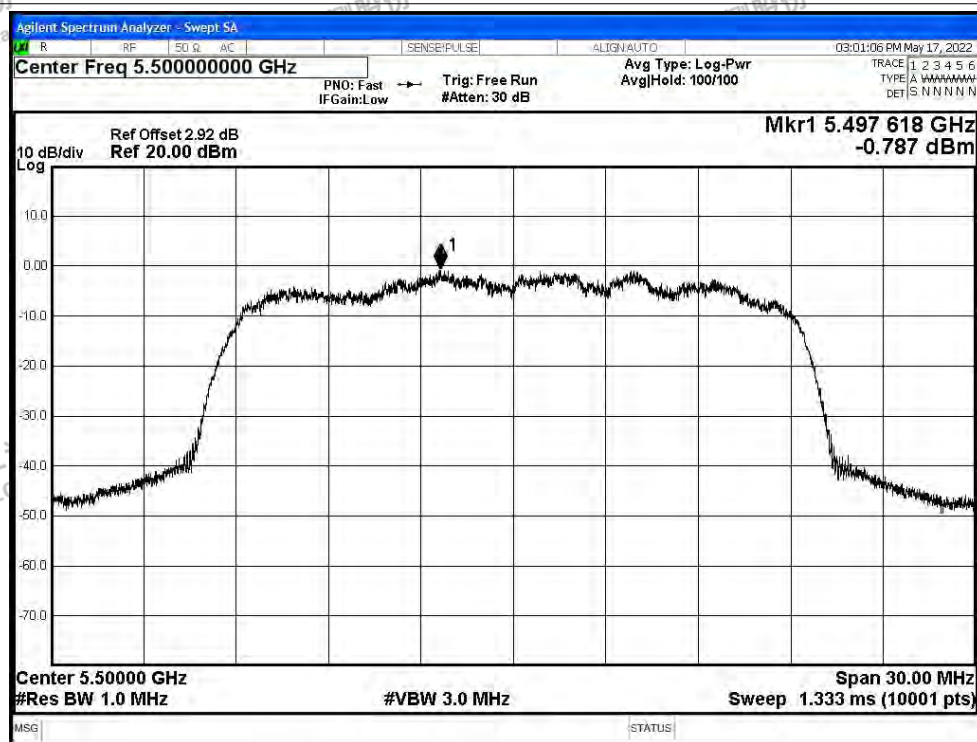
Scan code to check authenticity



## PSD NVNT n40 5670MHz Ant1

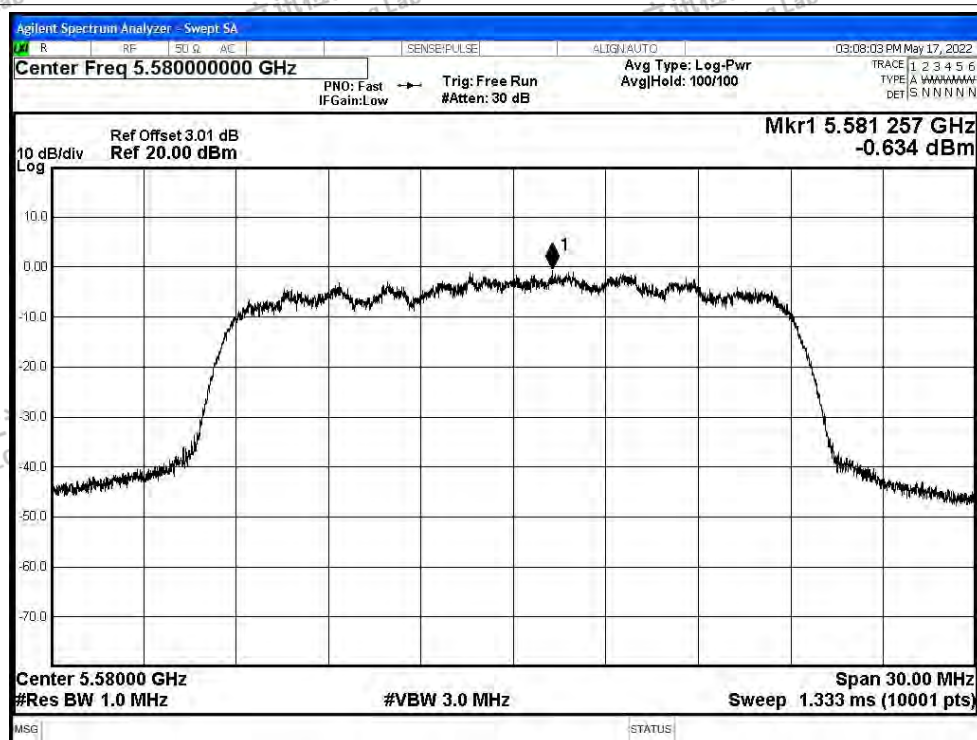


## PSD NVNT ac20 5500MHz Ant1

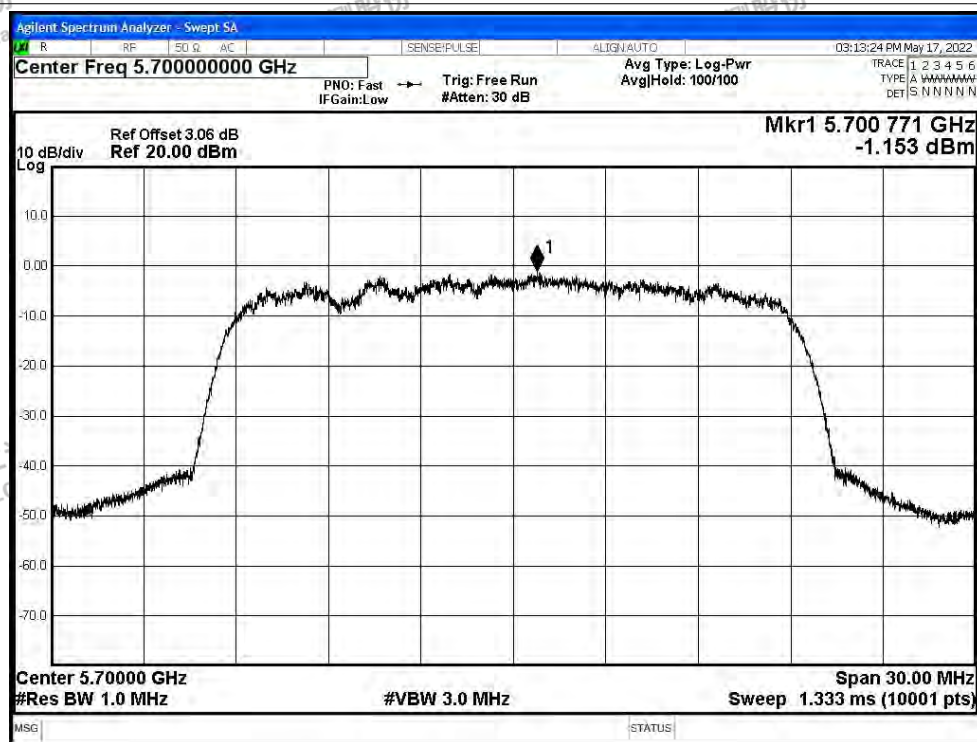




## PSD NVNT ac20 5580MHz Ant1

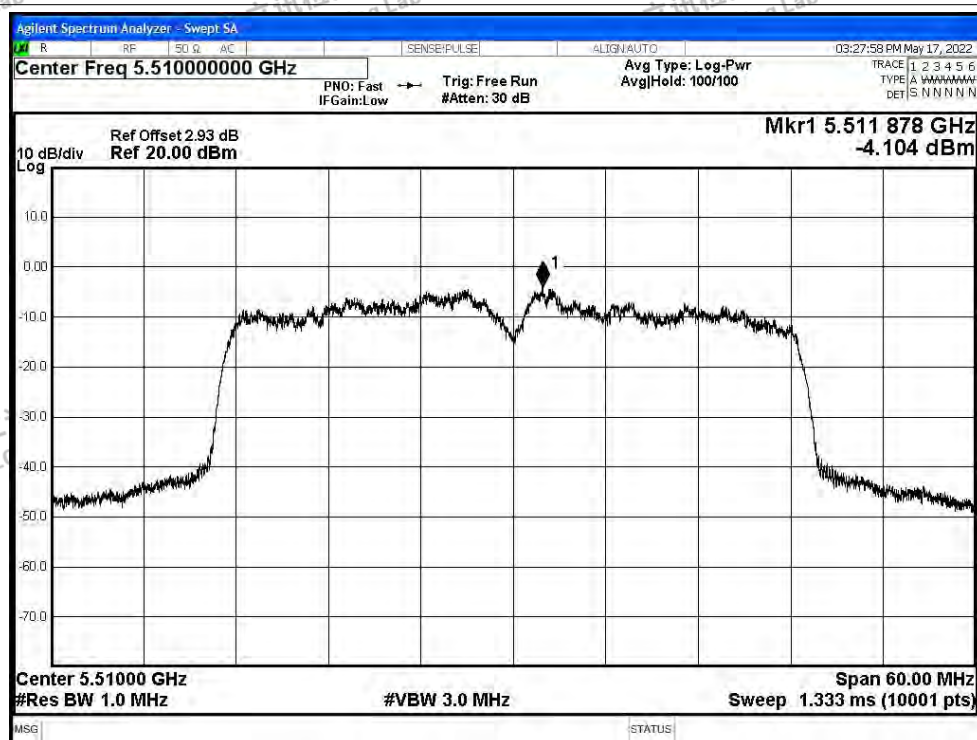


## PSD NVNT ac20 5700MHz Ant1

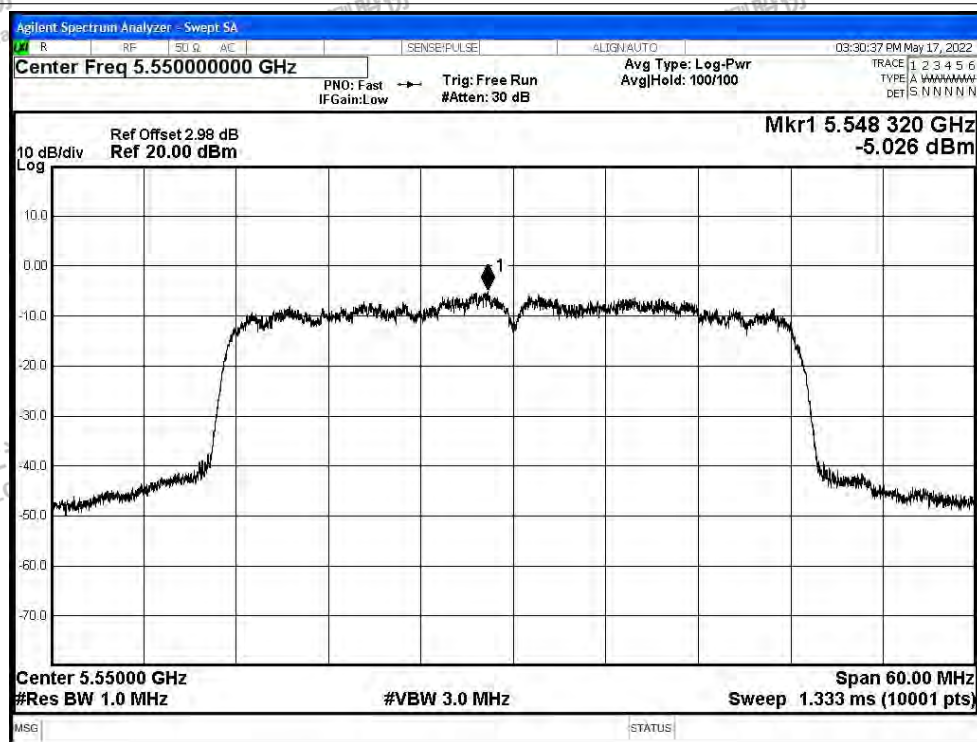




## PSD NVNT ac40 5510MHz Ant1

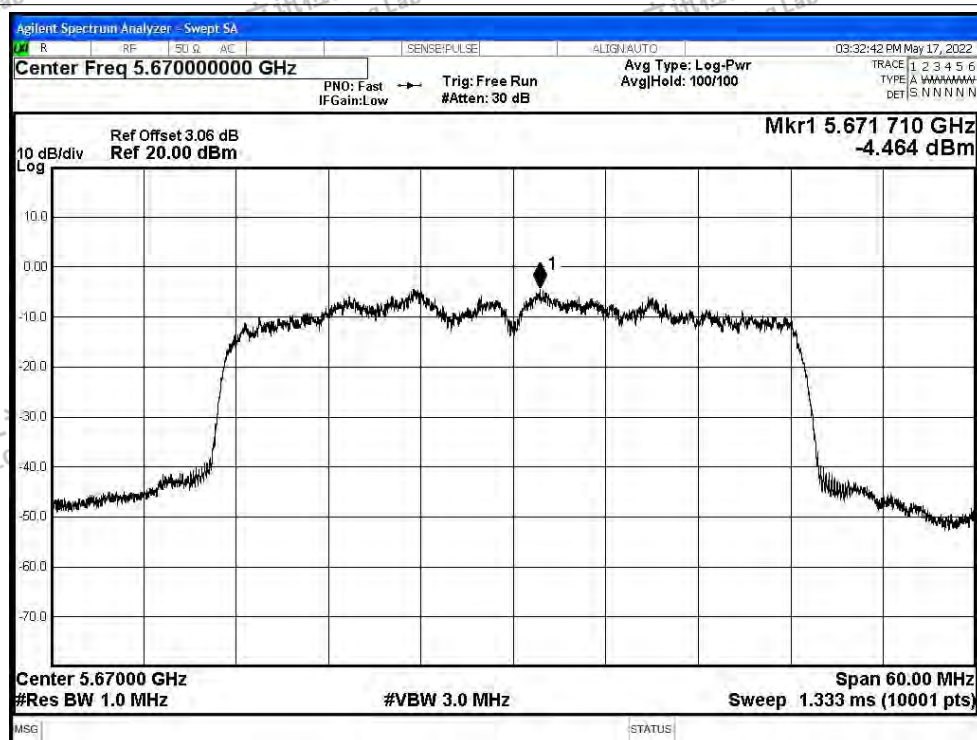


## PSD NVNT ac40 5550MHz Ant1





## PSD NVNT ac40 5670MHz Ant1

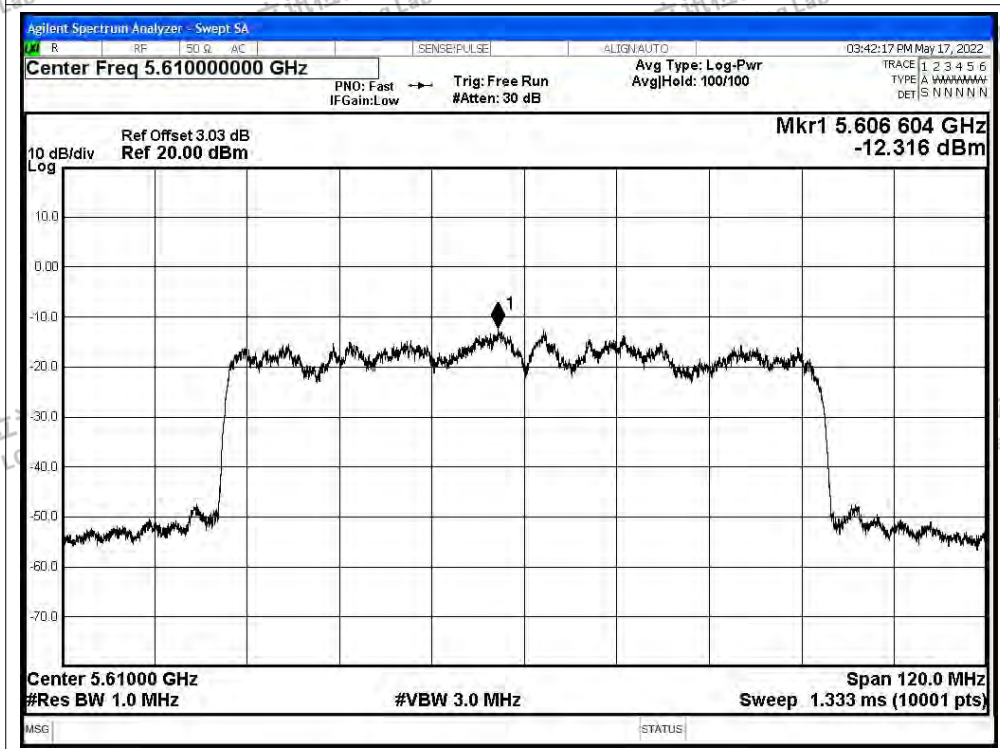


## PSD NVNT ac80 5530MHz Ant1





PSD NVNT ac80 5610MHz Ant1





## F.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | a    | 5500            | Ant1    | 5460            | -45.21      | 2          | 52.02      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5460            | -54.46      | 2          | 42.77      | Average  | 54             | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5462            | -34.83      | 2          | 62.4       | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5469.6          | -53.05      | 2          | 44.18      | Average  | 54             | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5470            | -37.98      | 2          | 59.25      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5470            | -53.14      | 2          | 44.09      | Average  | 54             | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5725            | -39.2       | 2          | 58.03      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5725            | -52.3       | 2          | 44.93      | Average  | 54             | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5725.4          | -36.29      | 2          | 60.94      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5727            | -52.21      | 2          | 45.02      | Average  | 54             | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5735            | -43.69      | 2          | 53.54      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5735            | -54.04      | 2          | 43.19      | Average  | 54             | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5460            | -45.95      | 2          | 51.28      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5460            | -54.67      | 2          | 42.56      | Average  | 54             | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5467            | -31.87      | 2          | 65.36      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5469.6          | -53.53      | 2          | 43.7       | Average  | 54             | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5470            | -45.17      | 2          | 52.06      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5470            | -53.62      | 2          | 43.61      | Average  | 54             | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5725            | -42.02      | 2          | 55.21      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5725            | -53.76      | 2          | 43.47      | Average  | 54             | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5728.8          | -41.71      | 2          | 55.52      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5725.8          | -53.62      | 2          | 43.61      | Average  | 54             | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5735            | -44.14      | 2          | 53.09      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 5735            | -54.83      | 2          | 42.4       | Average  | 54             | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5460            | -45.23      | 2          | 52         | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5460            | -54.99      | 2          | 42.24      | Average  | 54             | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5469            | -31.8       | 2          | 65.43      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5469.8          | -52.93      | 2          | 44.3       | Average  | 54             | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5470            | -34.12      | 2          | 63.11      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 5470            | -52.98      | 2          | 44.25      | Average  | 54             | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5725            | -43.56      | 2          | 53.67      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5725            | -54.98      | 2          | 42.25      | Average  | 54             | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5727            | -38.96      | 2          | 58.27      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5725.2          | -54.94      | 2          | 42.29      | Average  | 54             | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5735            | -46.36      | 2          | 50.87      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 5735            | -55.67      | 2          | 41.56      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 5460            | -44.68      | 2          | 52.55      | Peak     | 68.2           | Pass    |





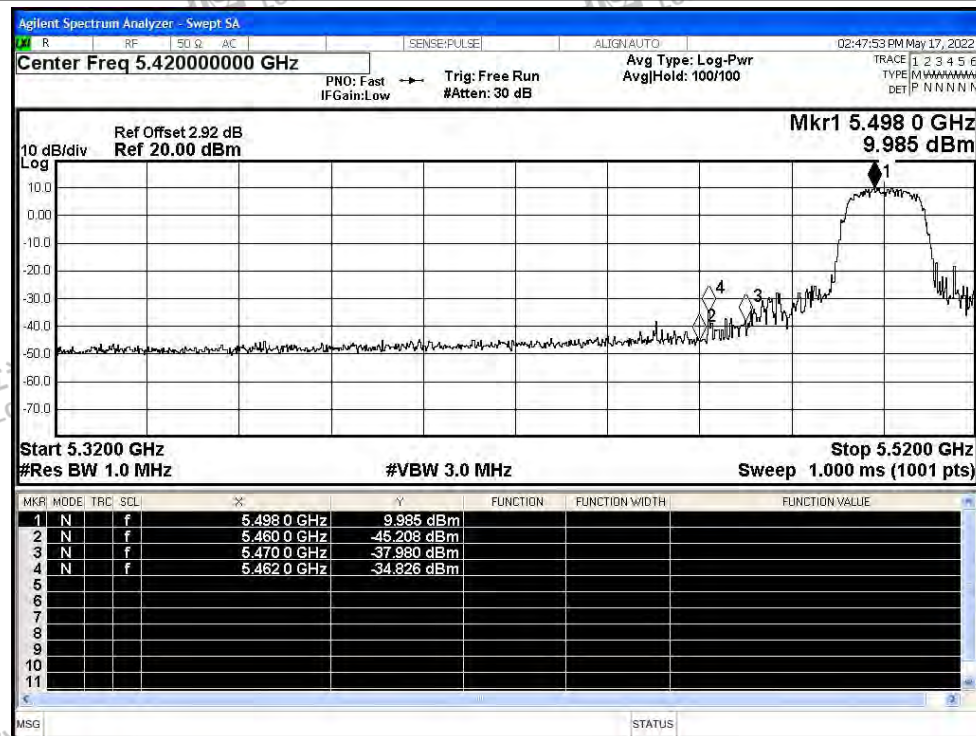
|      |      |      |      |          |        |   |       |         |      |      |
|------|------|------|------|----------|--------|---|-------|---------|------|------|
| NVNT | ac20 | 5500 | Ant1 | 5460     | -55.88 | 2 | 41.35 | Average | 54   | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5469     | -44.41 | 2 | 52.82 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5469.2   | -55.12 | 2 | 42.11 | Average | 54   | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5470     | -45.75 | 2 | 51.48 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 5470     | -55.15 | 2 | 42.08 | Average | 54   | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5725     | -43.69 | 2 | 53.54 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5725     | -53.77 | 2 | 43.46 | Average | 54   | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5725.6   | -43.36 | 2 | 53.87 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5726.2   | -53.61 | 2 | 43.62 | Average | 54   | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5735     | -43.96 | 2 | 53.27 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 5735     | -54.8  | 2 | 42.43 | Average | 54   | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5460     | -45.3  | 2 | 51.93 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5460     | -55.03 | 2 | 42.2  | Average | 54   | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5463.2   | -38.64 | 2 | 58.59 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5469.8   | -52.77 | 2 | 44.46 | Average | 54   | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5470     | -44.47 | 2 | 52.76 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5470     | -53.06 | 2 | 44.17 | Average | 54   | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5725     | -46.01 | 2 | 51.22 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5725     | -55.05 | 2 | 42.18 | Average | 54   | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5730.2   | -43.87 | 2 | 53.36 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5726.8   | -54.81 | 2 | 42.42 | Average | 54   | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5735     | -46.45 | 2 | 50.78 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5735     | -55.69 | 2 | 41.54 | Average | 54   | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5460     | -44.71 | 2 | 52.52 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5460     | -49.62 | 2 | 47.61 | Average | 54   | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5468.6   | -29.62 | 2 | 67.61 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5469.4   | -46.53 | 2 | 50.7  | Average | 54   | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5470     | -42.31 | 2 | 54.92 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5470     | -46.82 | 2 | 50.41 | Average | 54   | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5725     | -47.22 | 2 | 50.01 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5725     | -56.66 | 2 | 40.57 | Average | 54   | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5731.105 | -44.61 | 2 | 52.62 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5727.825 | -56.34 | 2 | 40.89 | Average | 54   | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5735     | -47.29 | 2 | 49.94 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 5735     | -56.88 | 2 | 40.35 | Average | 54   | Pass |



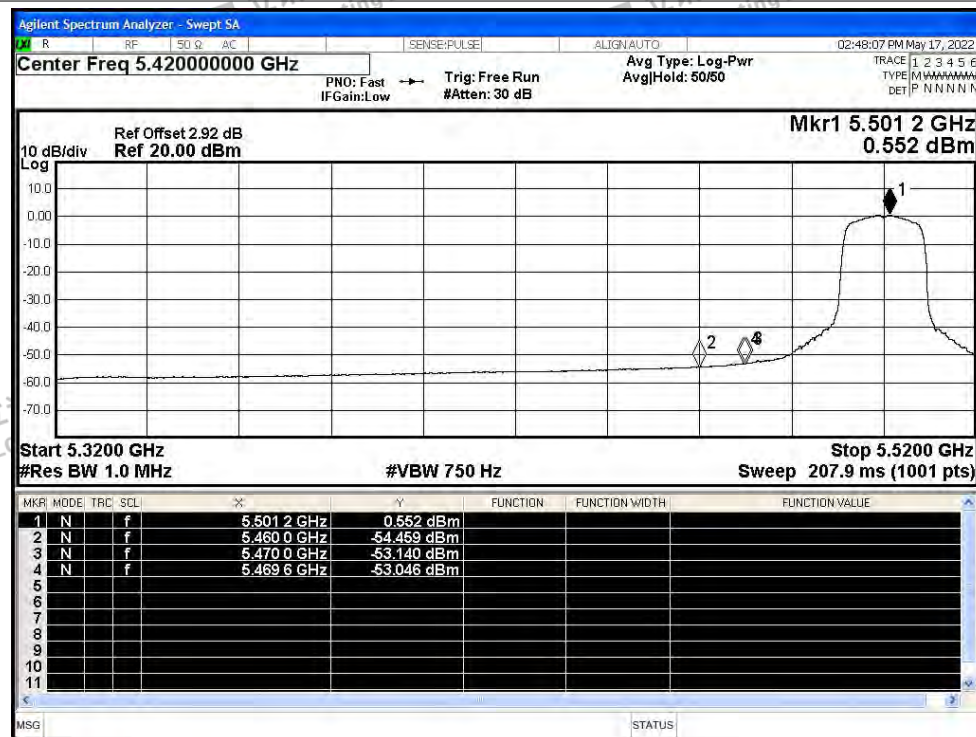


## Test Graphs

## Restrict Band NVNT a 5500MHz Ant1 Peak



## Restrict Band NVNT a 5500MHz Ant1 Average



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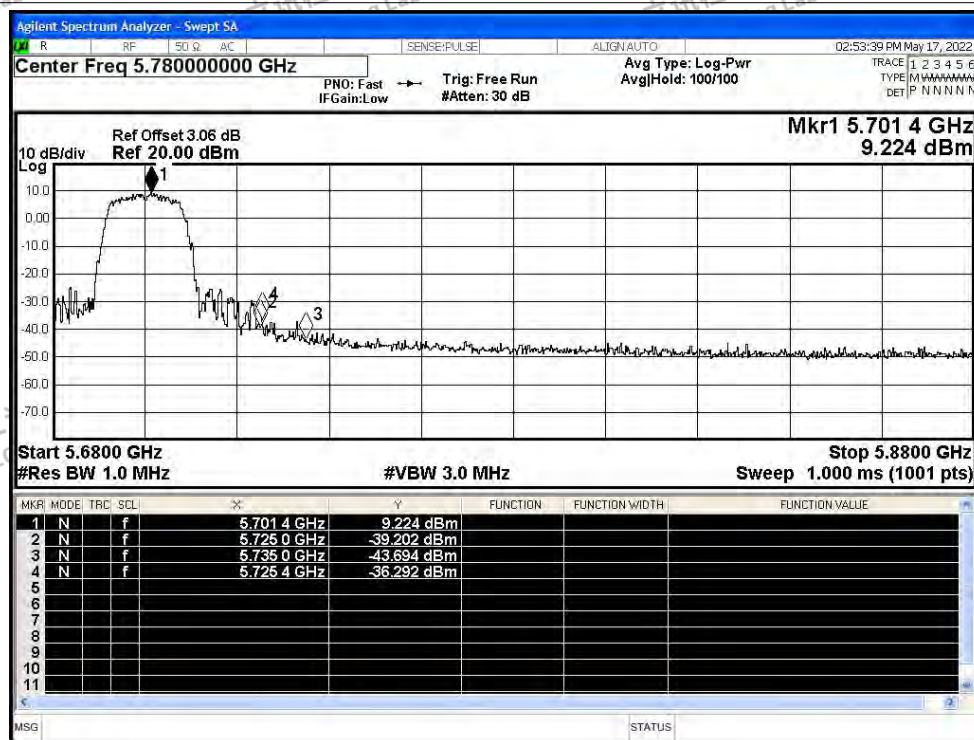
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

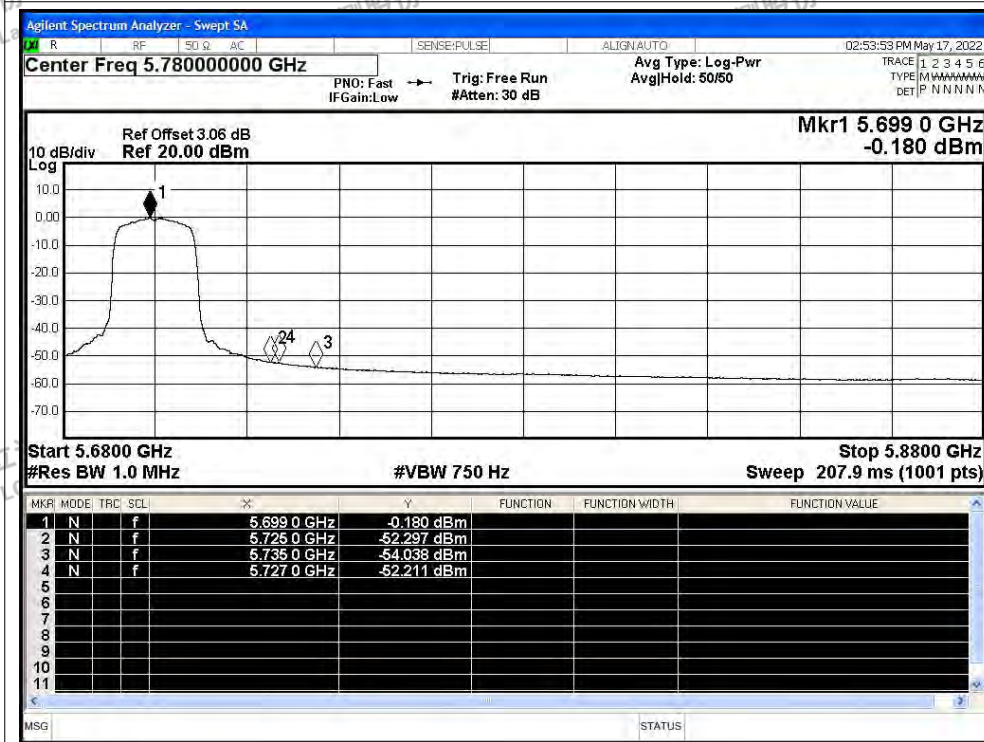
Scan code to check authenticity



## Restrict Band NVNT a 5700MHz Ant1 Peak



## Restrict Band NVNT a 5700MHz Ant1 Average



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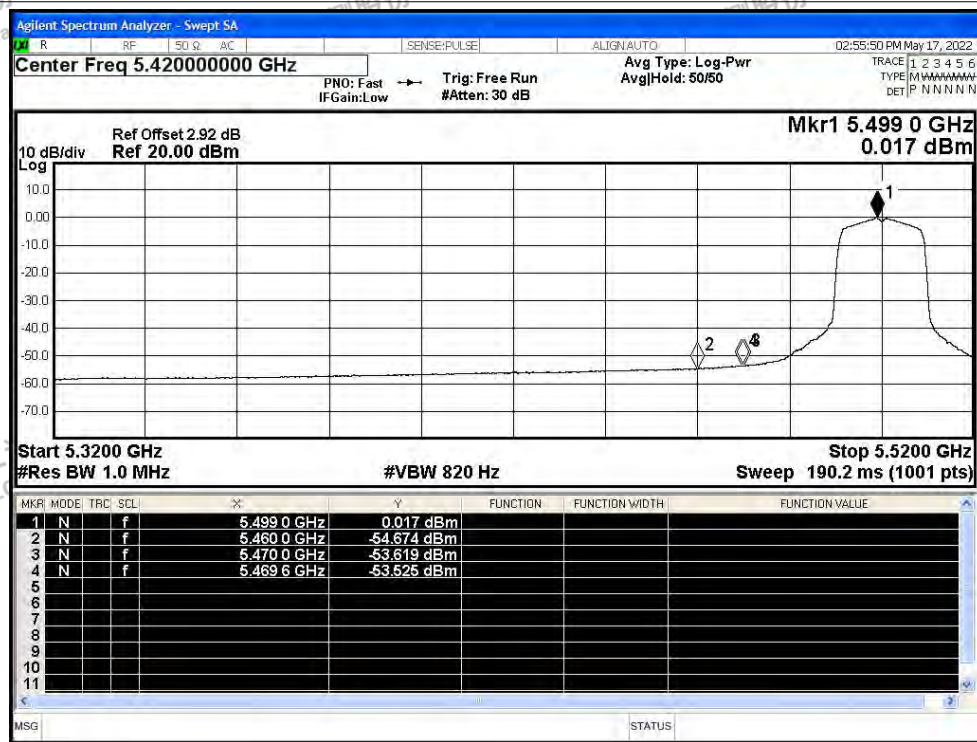
Scan code to check authenticity



## Restrict Band NVNT n20 5500MHz Ant1 Peak

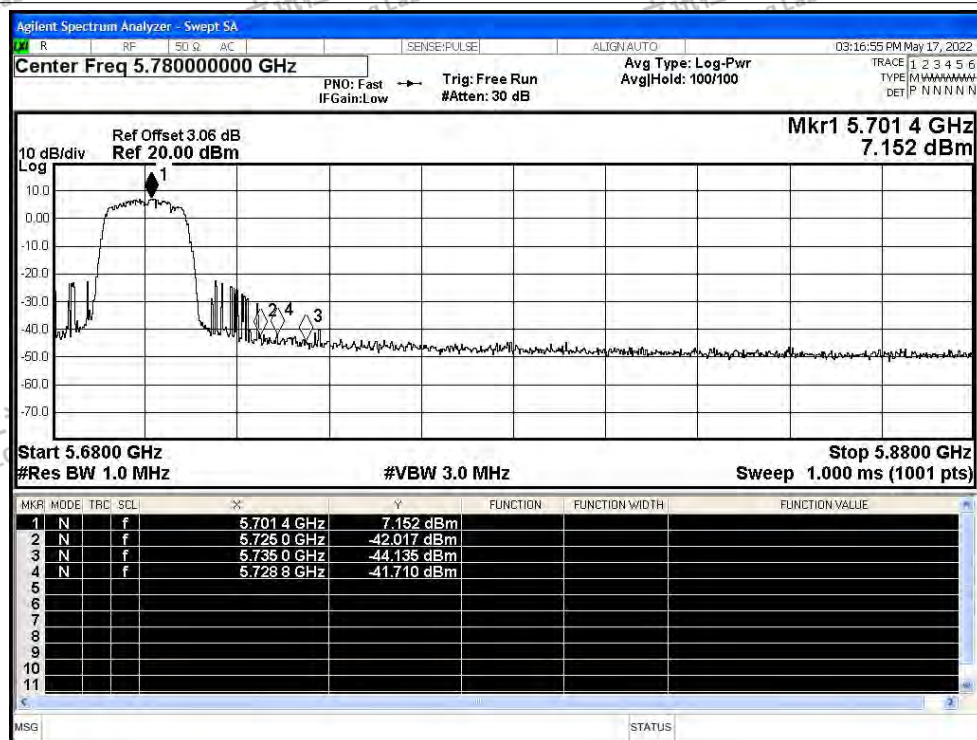


## Restrict Band NVNT n20 5500MHz Ant1 Average

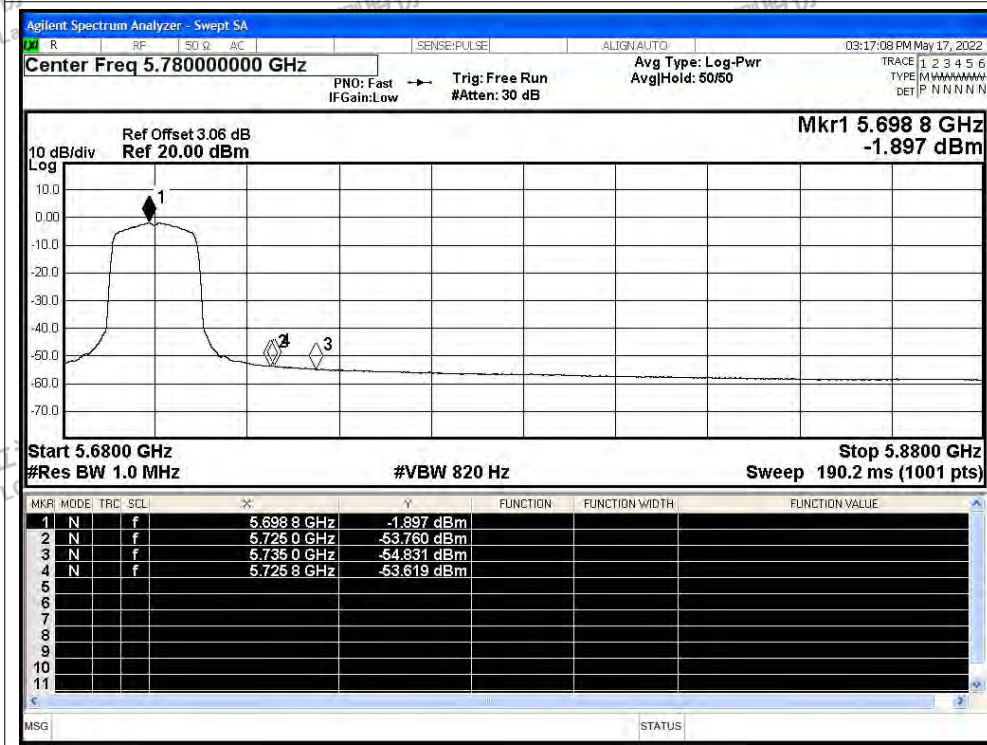




## Restrict Band NVNT n20 5700MHz Ant1 Peak

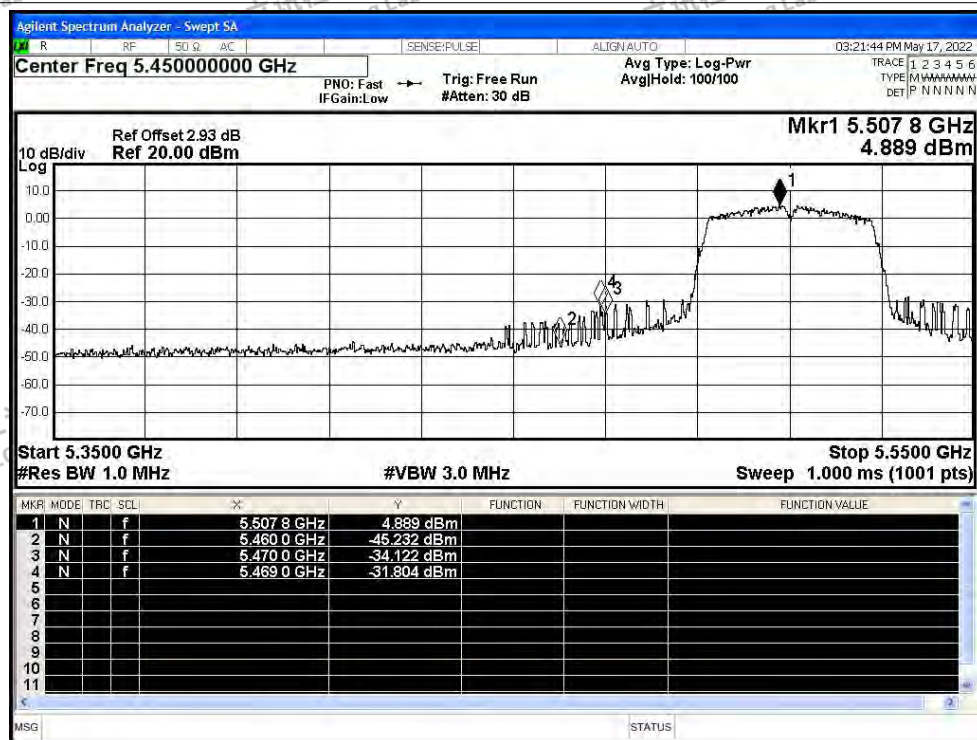


## Restrict Band NVNT n20 5700MHz Ant1 Average

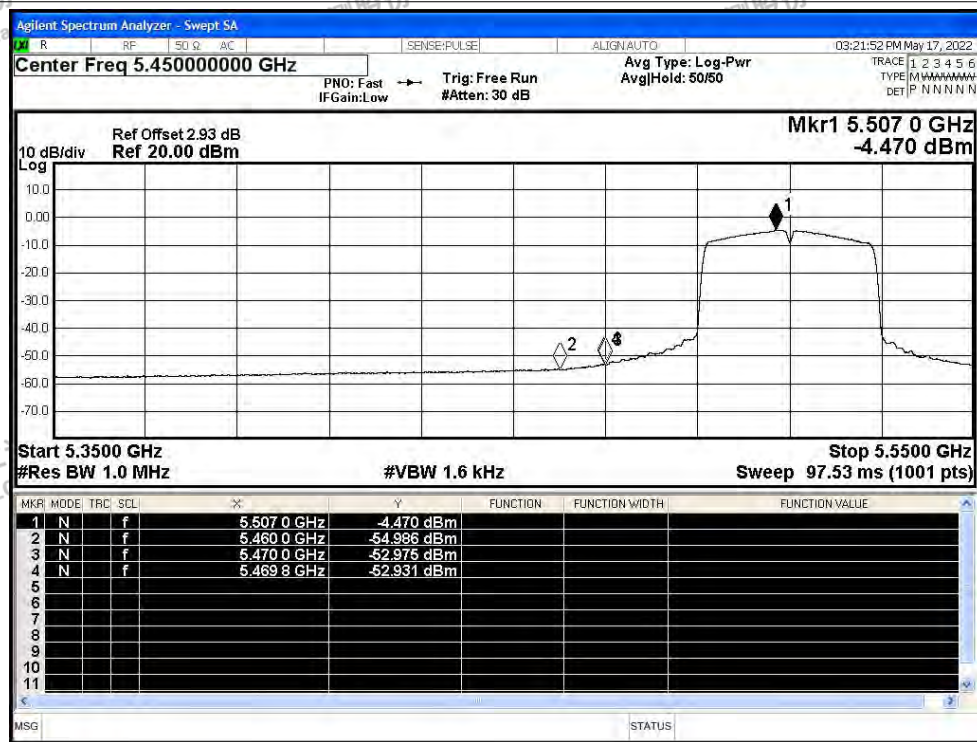




## Restrict Band NVNT n40 5510MHz Ant1 Peak



## Restrict Band NVNT n40 5510MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

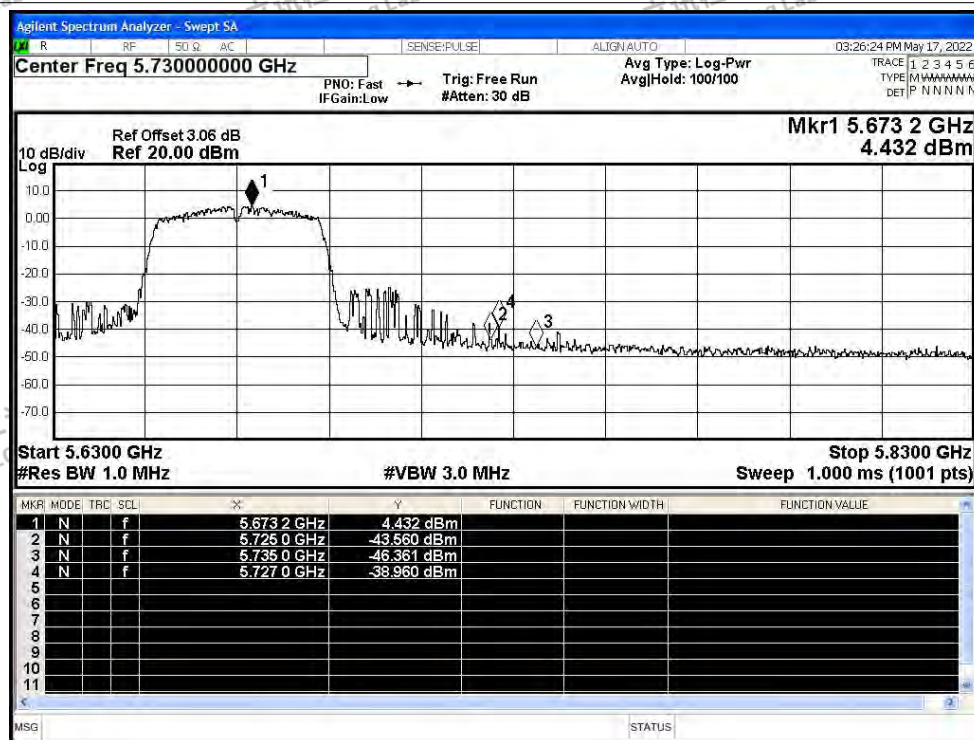
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

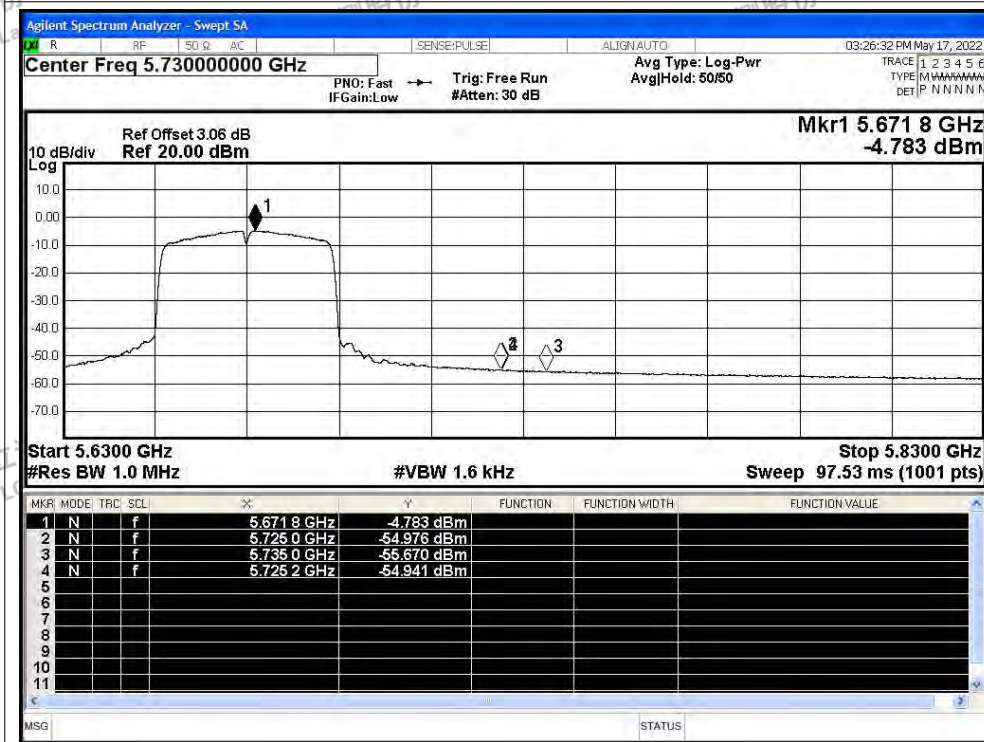
Scan code to check authenticity



## Restrict Band NVNT n40 5670MHz Ant1 Peak

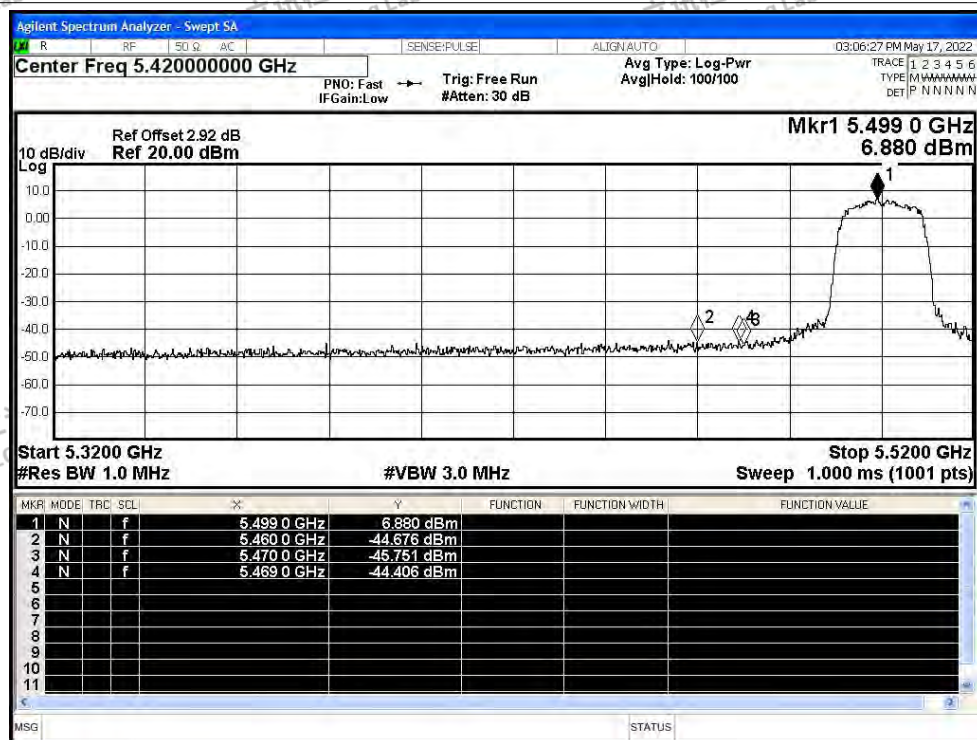


## Restrict Band NVNT n40 5670MHz Ant1 Average

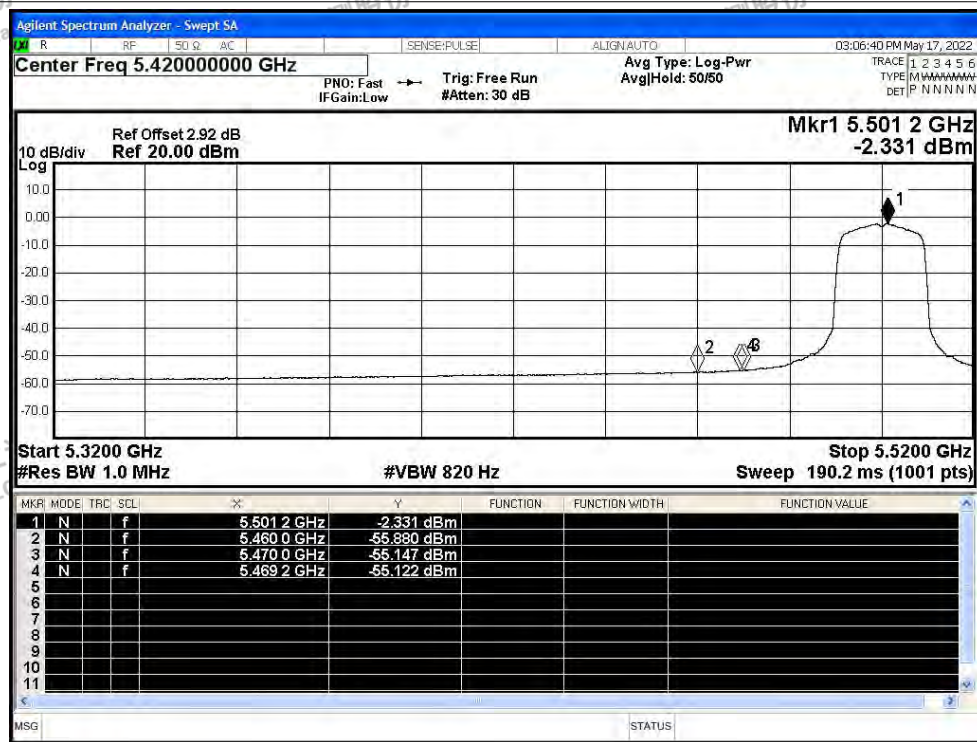




## Restrict Band NVNT ac20 5500MHz Ant1 Peak

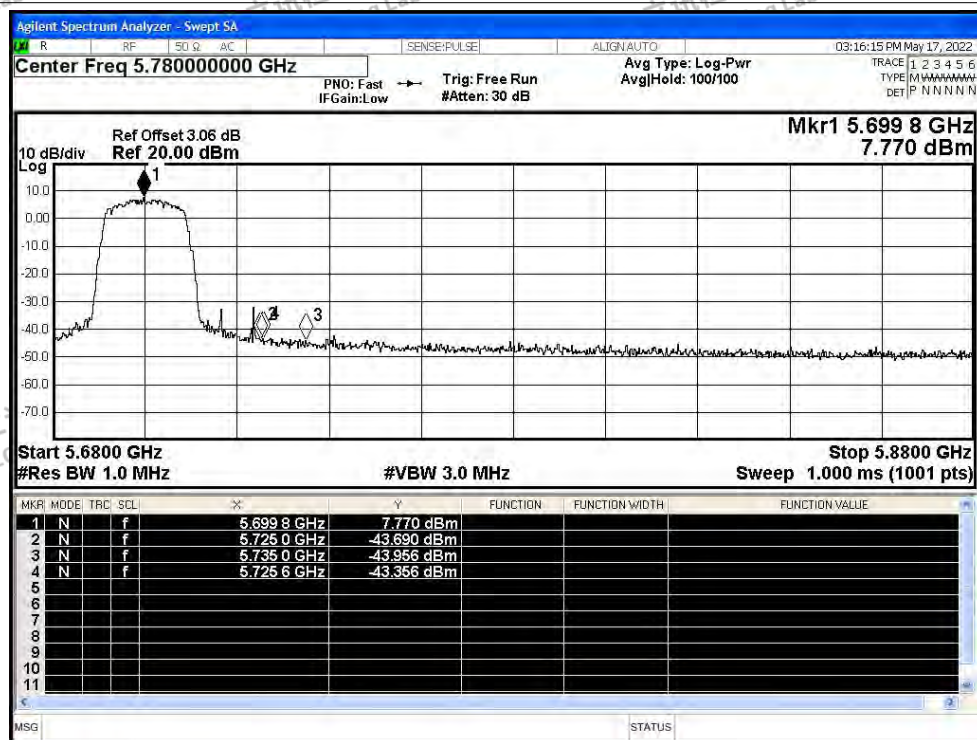


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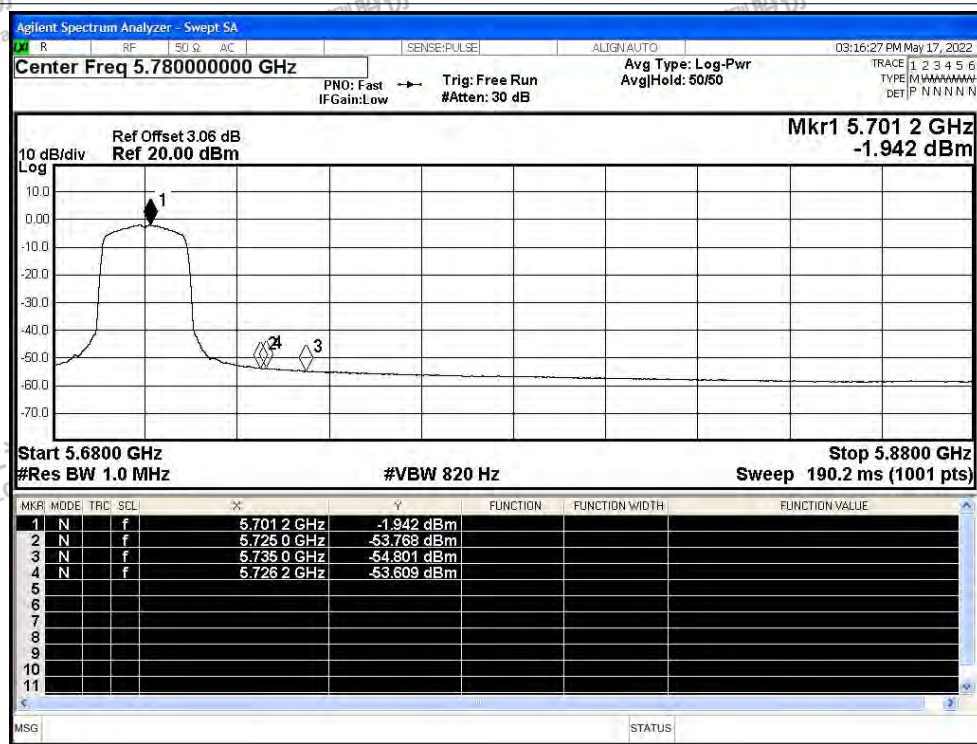




## Restrict Band NVNT ac20 5700MHz Ant1 Peak

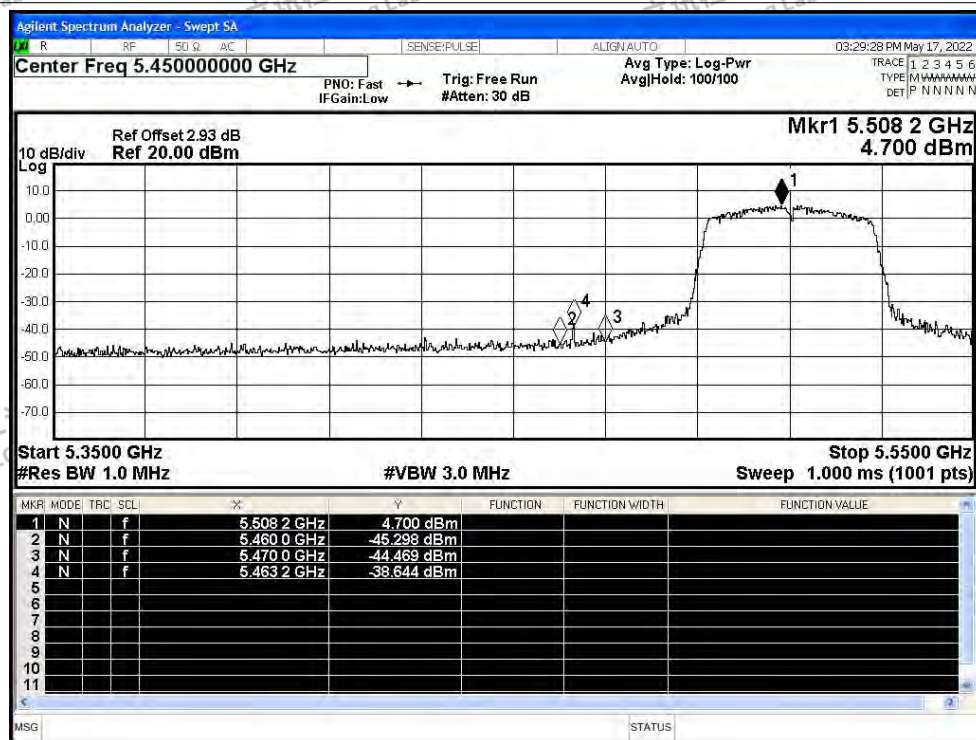


## Restrict Band NVNT ac20 5700MHz Ant1 Average

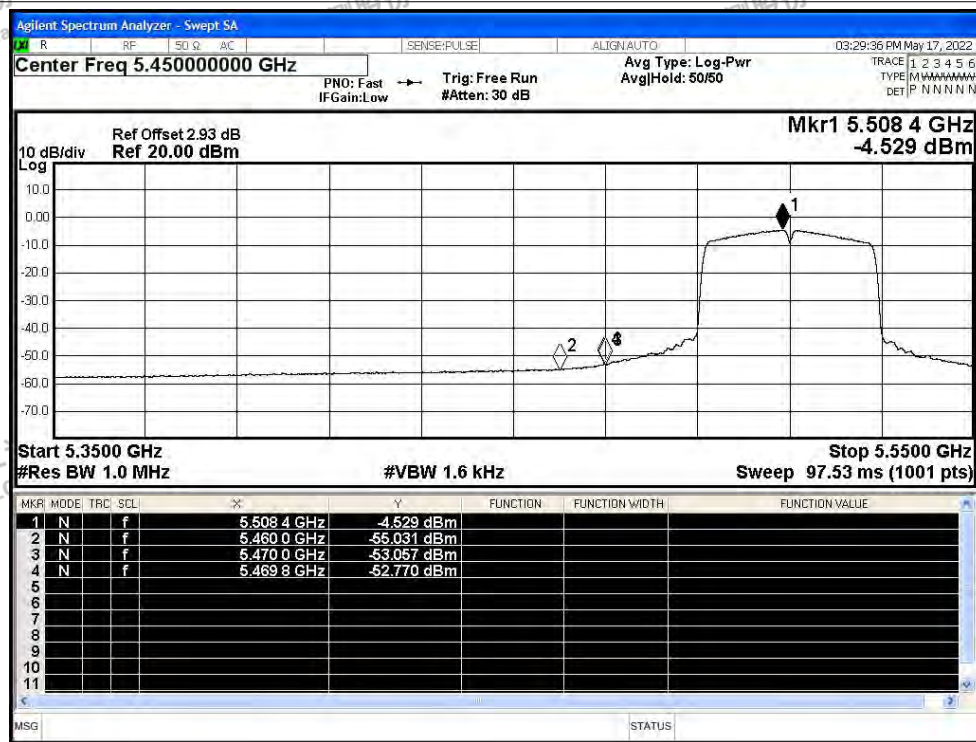




## Restrict Band NVNT ac40 5510MHz Ant1 Peak



## Restrict Band NVNT ac40 5510MHz Ant1 Average



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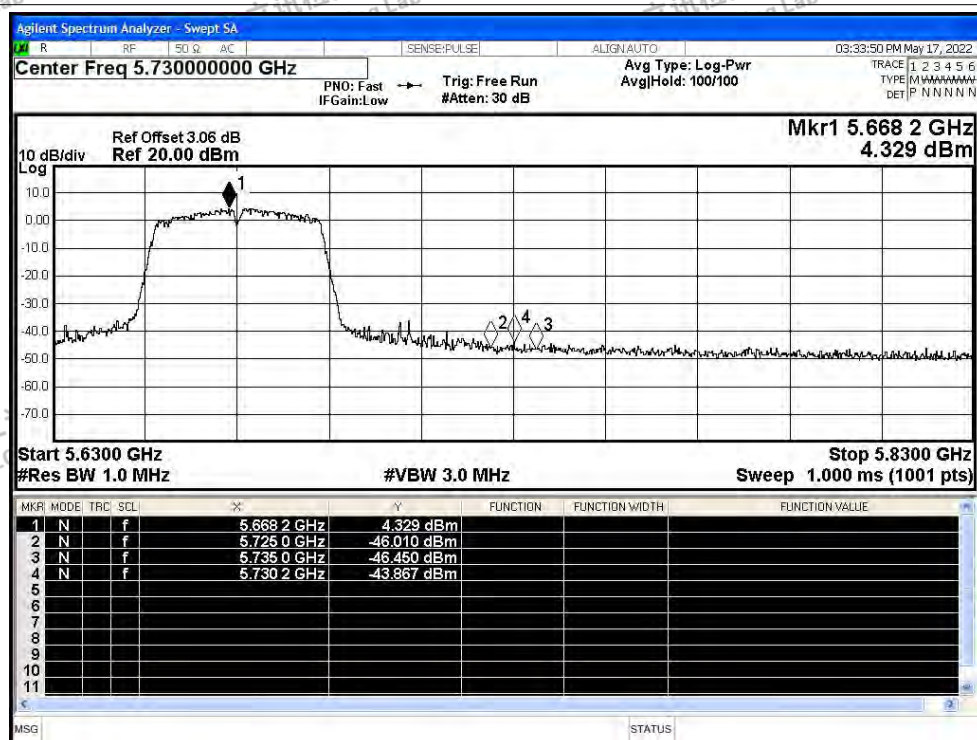
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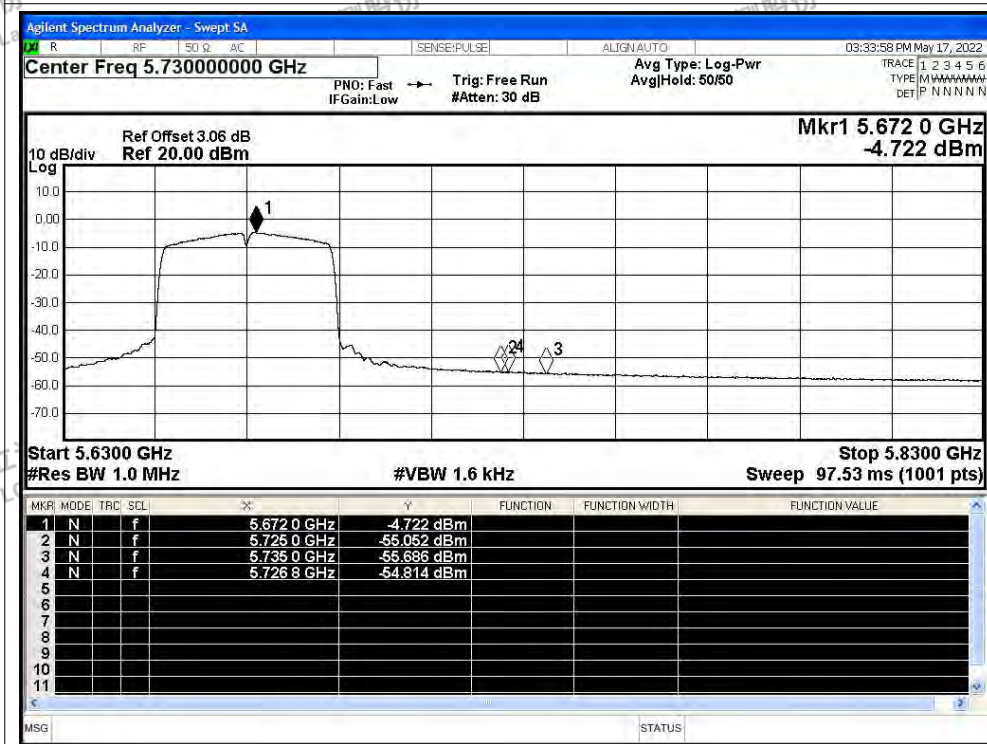
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## Restrict Band NVNT ac40 5670MHz Ant1 Peak



## Restrict Band NVNT ac40 5670MHz Ant1 Average



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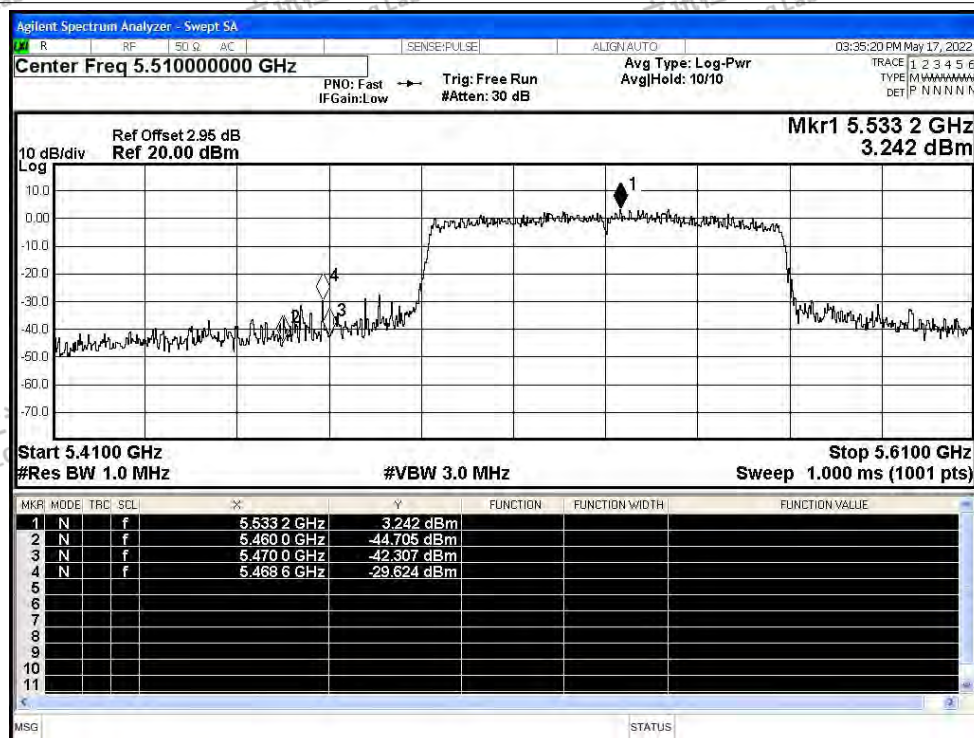
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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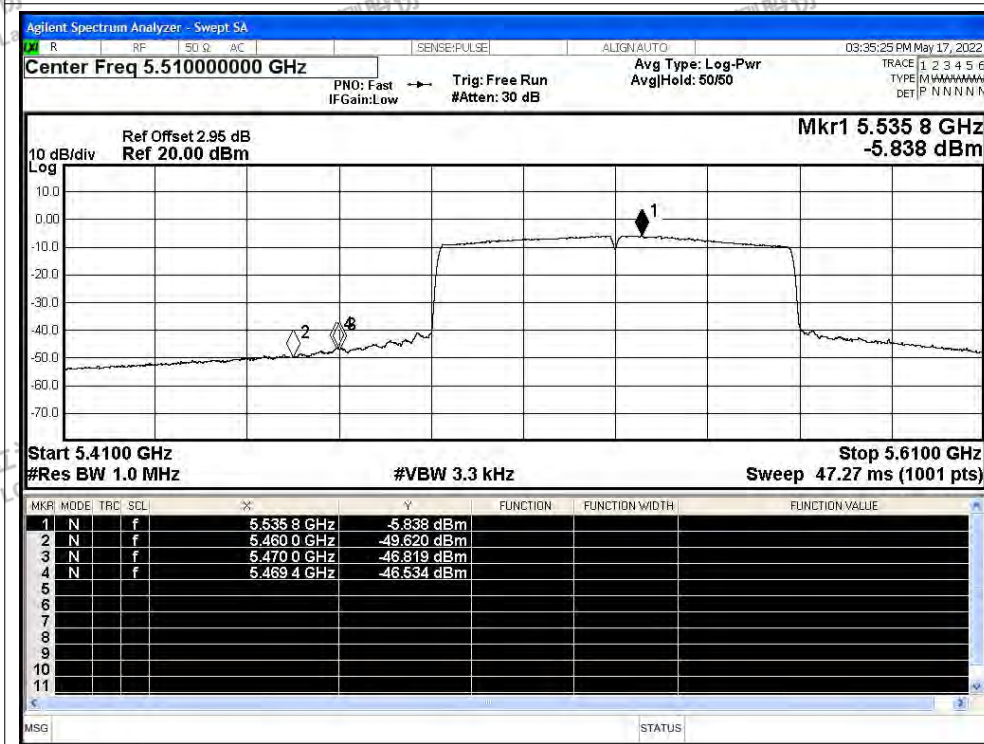
Scan code to check authenticity



## Restrict Band NVNT ac80 5530MHz Ant1 Peak

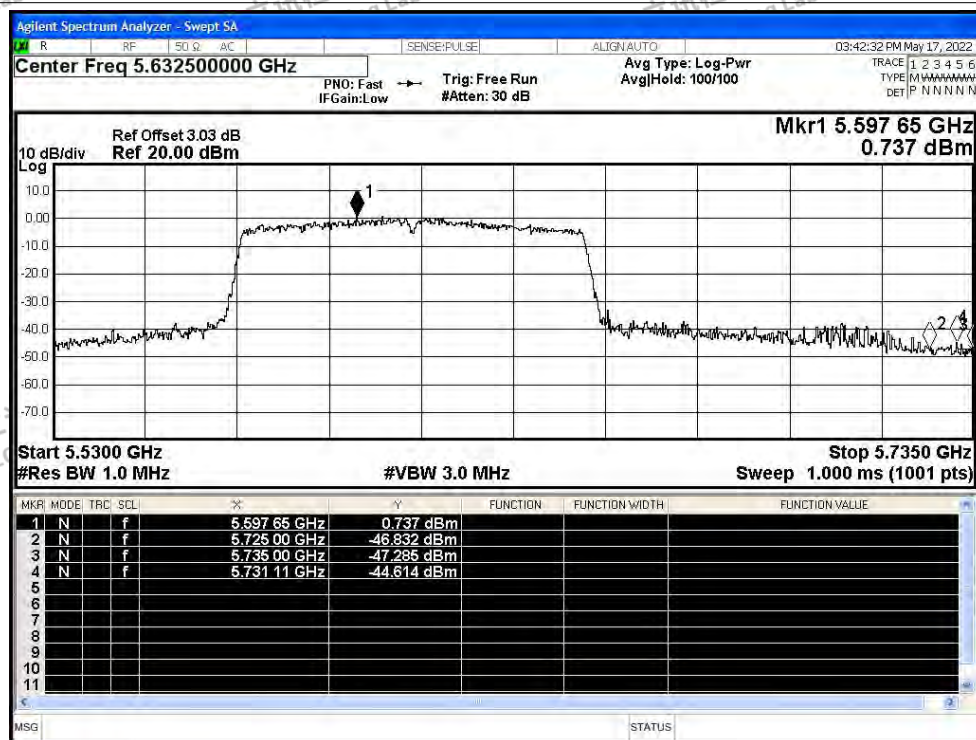


## Restrict Band NVNT ac80 5530MHz Ant1 Average

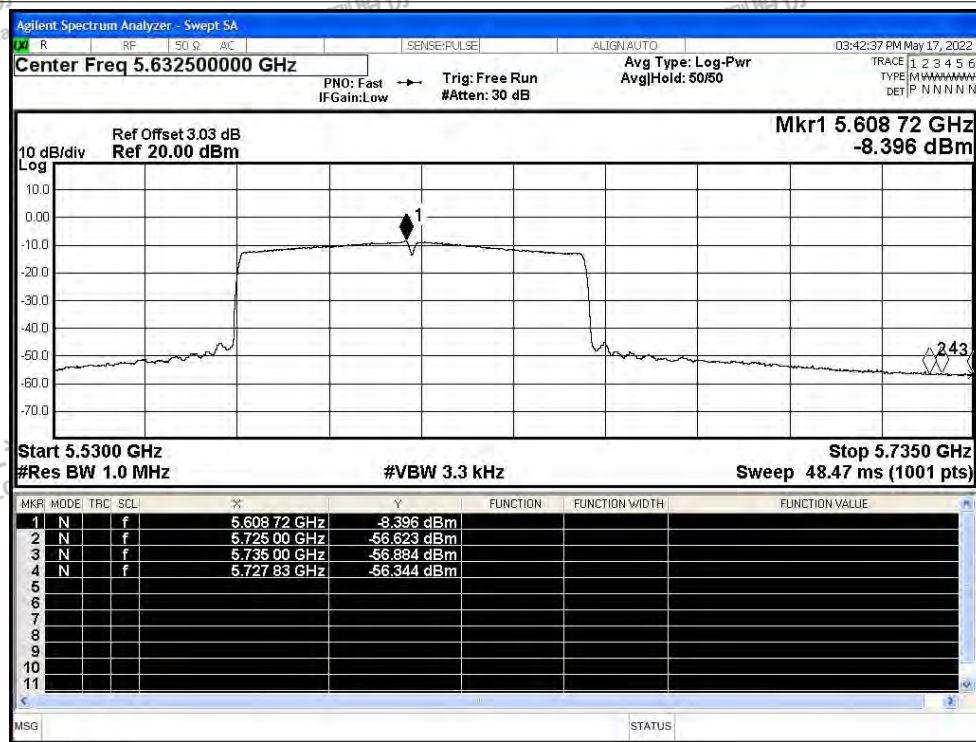




## Restrict Band NVNT ac80 5610MHz Ant1 Peak



## Restrict Band NVNT ac80 5610MHz Ant1 Average





## F.5 Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ac20 | 5500            | Ant1    | 5499.96                  | -40000               | -7.27           | 25          | Pass    |
| NVNT      | ac20 | 5580            | Ant1    | 5580                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 5699.98                  | -20000               | -3.51           | 25          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 5509.96                  | -40000               | -7.26           | 25          | Pass    |
| NVNT      | ac40 | 5550            | Ant1    | 5549.96                  | -40000               | -7.21           | 25          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 5670                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 5530                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 5610                     | 0                    | 0               | 25          | Pass    |

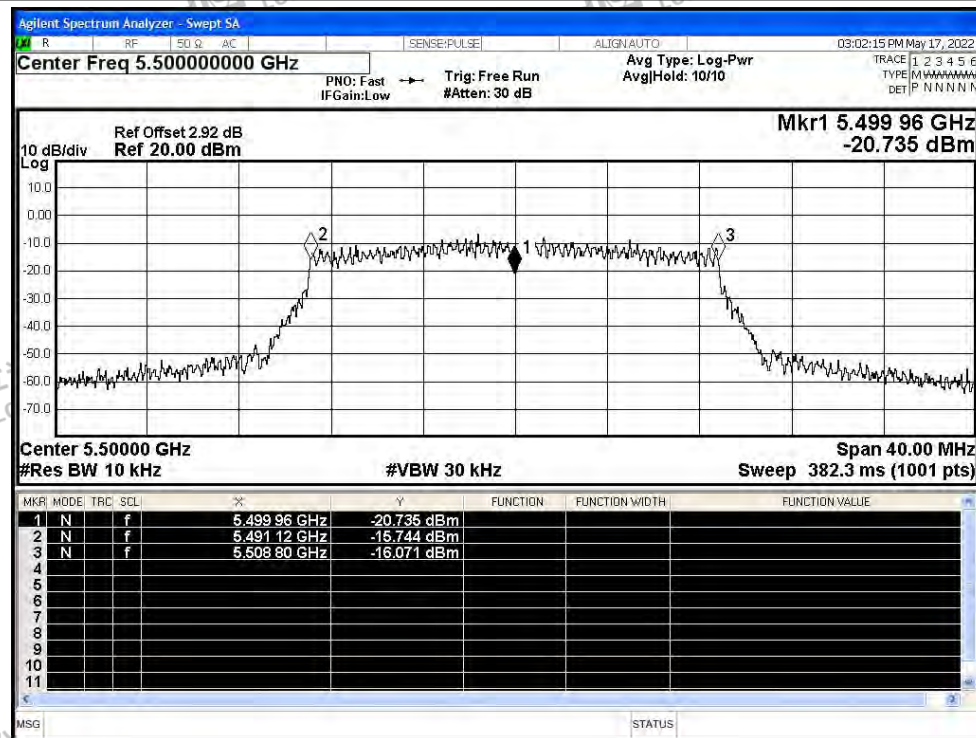


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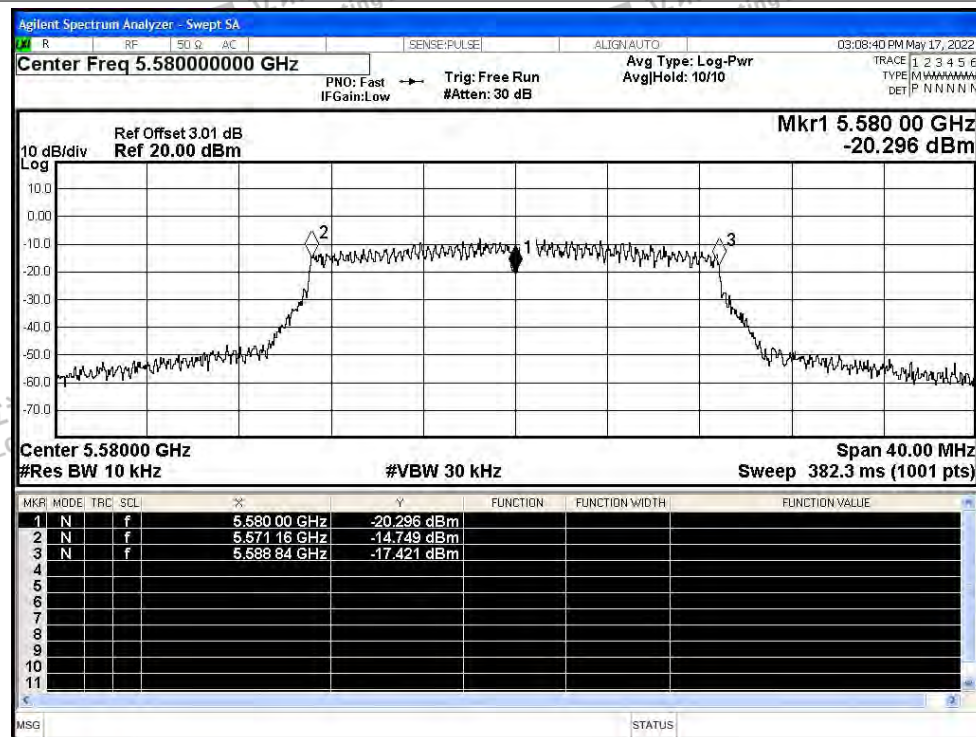


## Test Graphs

Freq: Stability NVNT ac20 5500MHz Ant1

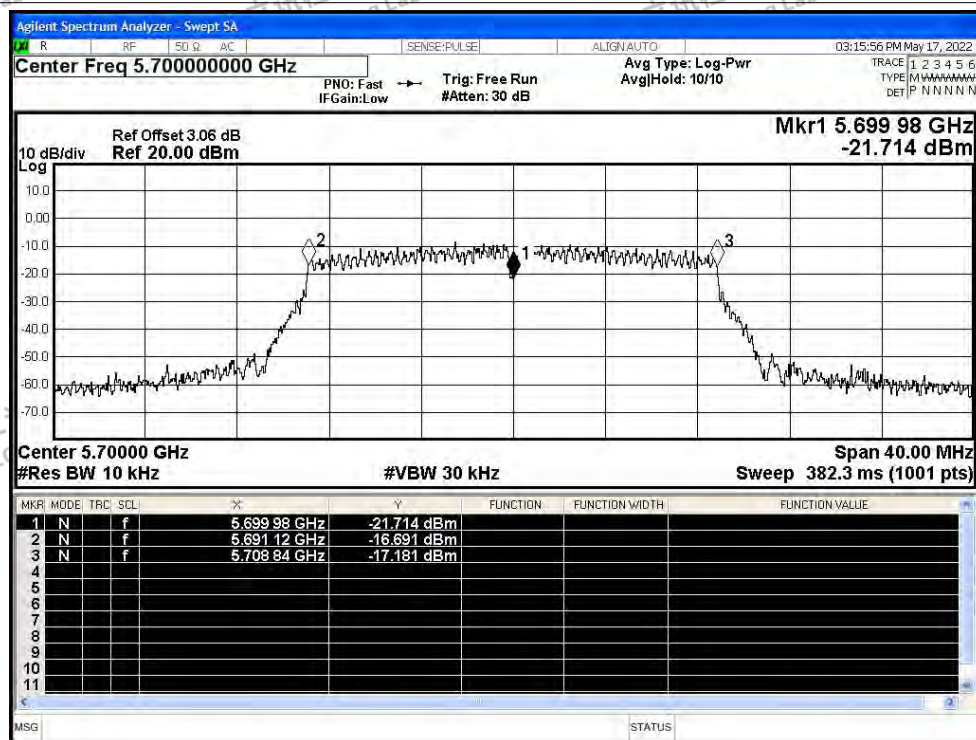


Freq: Stability NVNT ac20 5580MHz Ant1

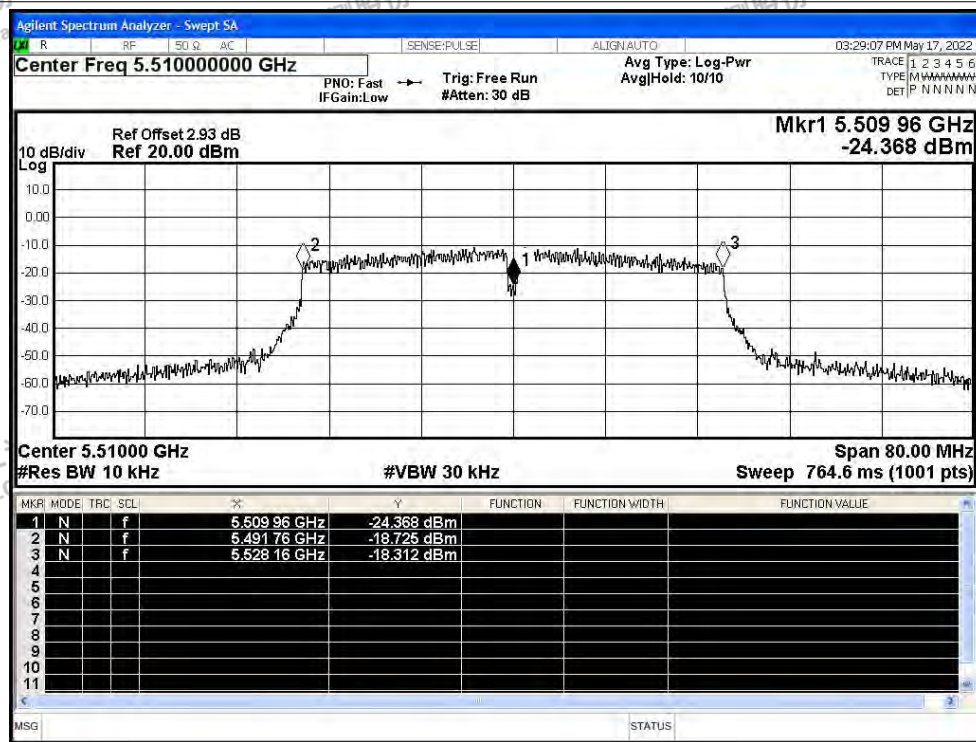




## Freq. Stability NVNT ac20 5700MHz Ant1

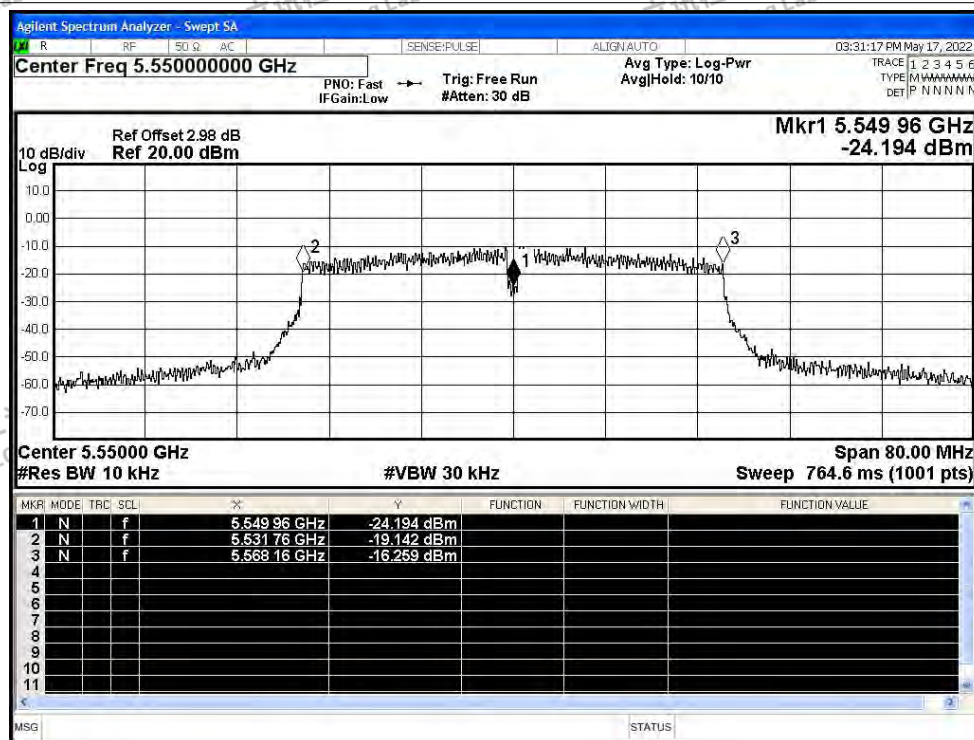


## Freq. Stability NVNT ac40 5510MHz Ant1

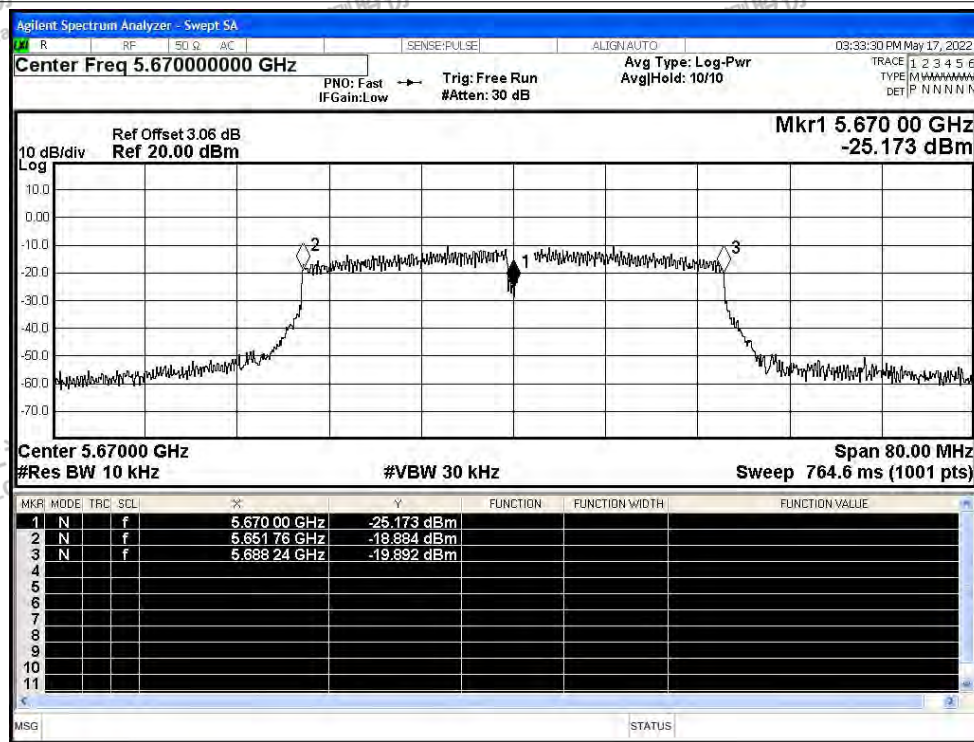




## Freq. Stability NVNT ac40 5550MHz Ant1



## Freq. Stability NVNT ac40 5670MHz Ant1



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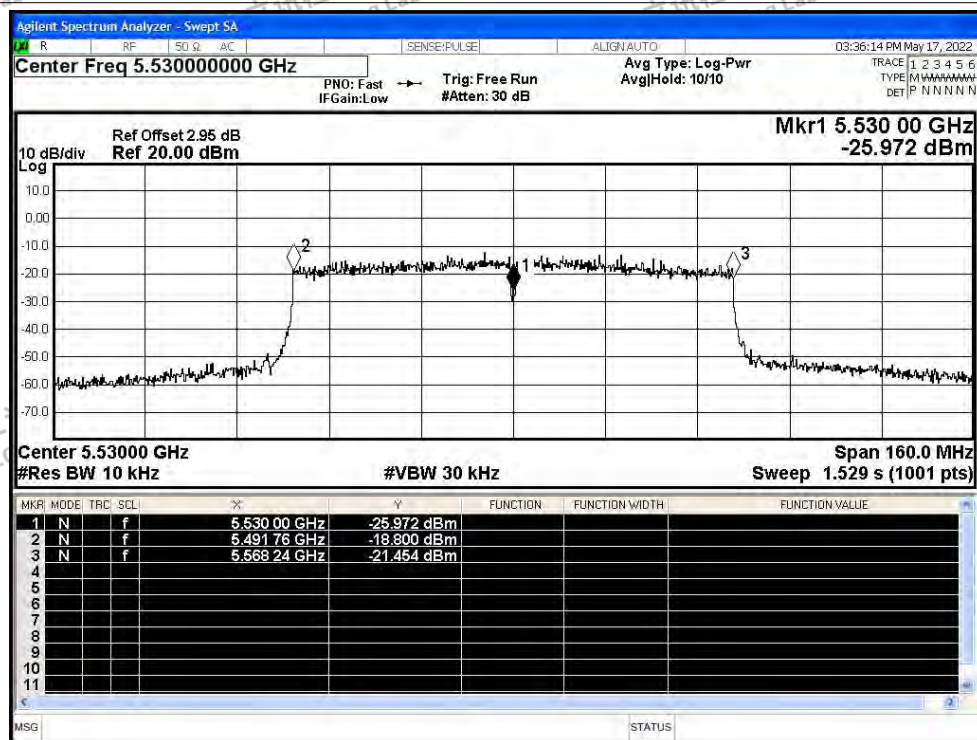
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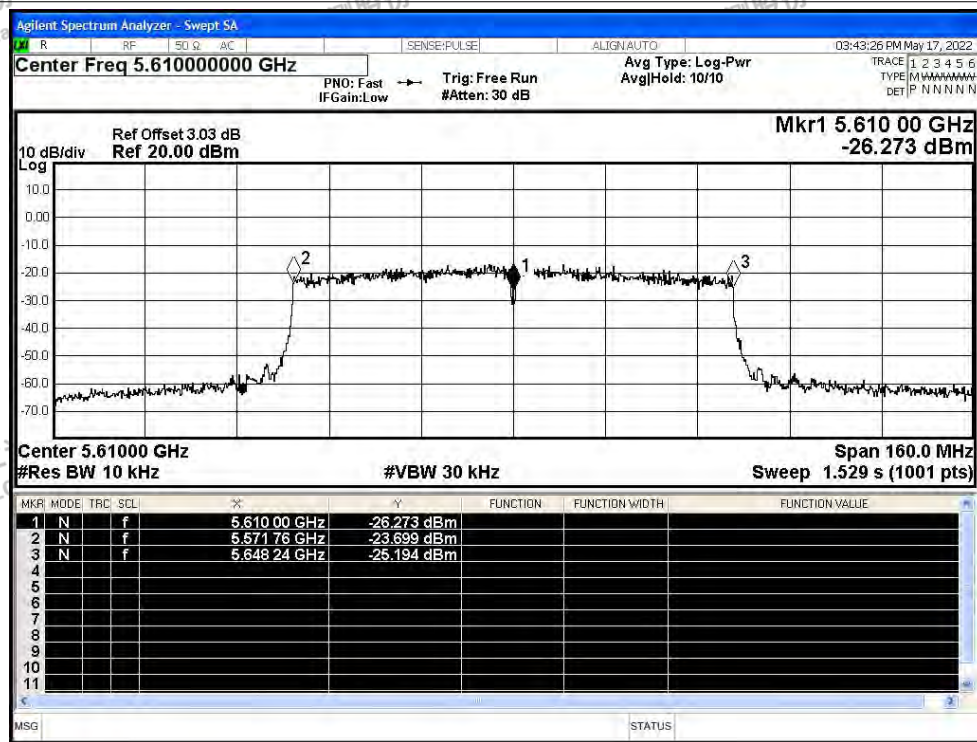
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## Freq. Stability NVNT ac80 5530MHz Ant1



## Freq. Stability NVNT ac80 5610MHz Ant1



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## F.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5500            | Ant1    | 97.01          | 0.13                   | 0.72      |
| NVNT      | a    | 5580            | Ant1    | 97.01          | 0.13                   | 0.72      |
| NVNT      | a    | 5700            | Ant1    | 97.01          | 0.13                   | 0.72      |
| NVNT      | n20  | 5500            | Ant1    | 96.8           | 0.14                   | 0.77      |
| NVNT      | n20  | 5580            | Ant1    | 96.73          | 0.14                   | 0.77      |
| NVNT      | n20  | 5700            | Ant1    | 96.73          | 0.14                   | 0.77      |
| NVNT      | n40  | 5510            | Ant1    | 94.07          | 0.27                   | 1.54      |
| NVNT      | n40  | 5550            | Ant1    | 93.93          | 0.27                   | 1.54      |
| NVNT      | n40  | 5670            | Ant1    | 94.08          | 0.27                   | 1.54      |
| NVNT      | ac20 | 5500            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5580            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5700            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac40 | 5510            | Ant1    | 93.97          | 0.27                   | 1.53      |
| NVNT      | ac40 | 5550            | Ant1    | 94.11          | 0.26                   | 1.53      |
| NVNT      | ac40 | 5670            | Ant1    | 93.97          | 0.27                   | 1.53      |
| NVNT      | ac80 | 5530            | Ant1    | 88.86          | 0.51                   | 3.06      |
| NVNT      | ac80 | 5610            | Ant1    | 88.62          | 0.52                   | 3.06      |

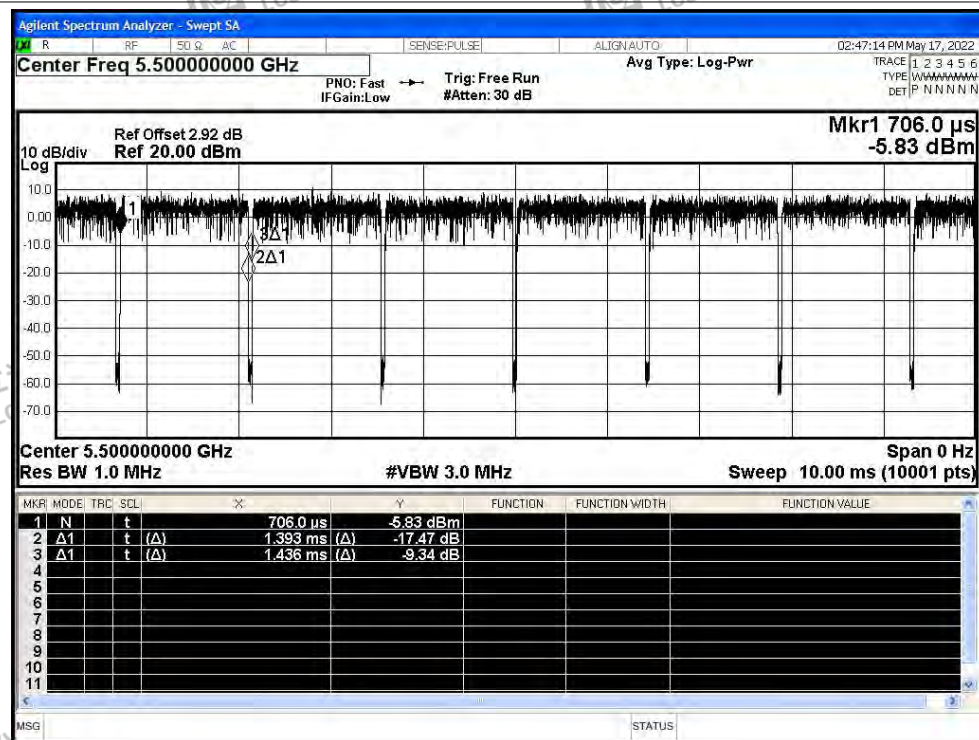


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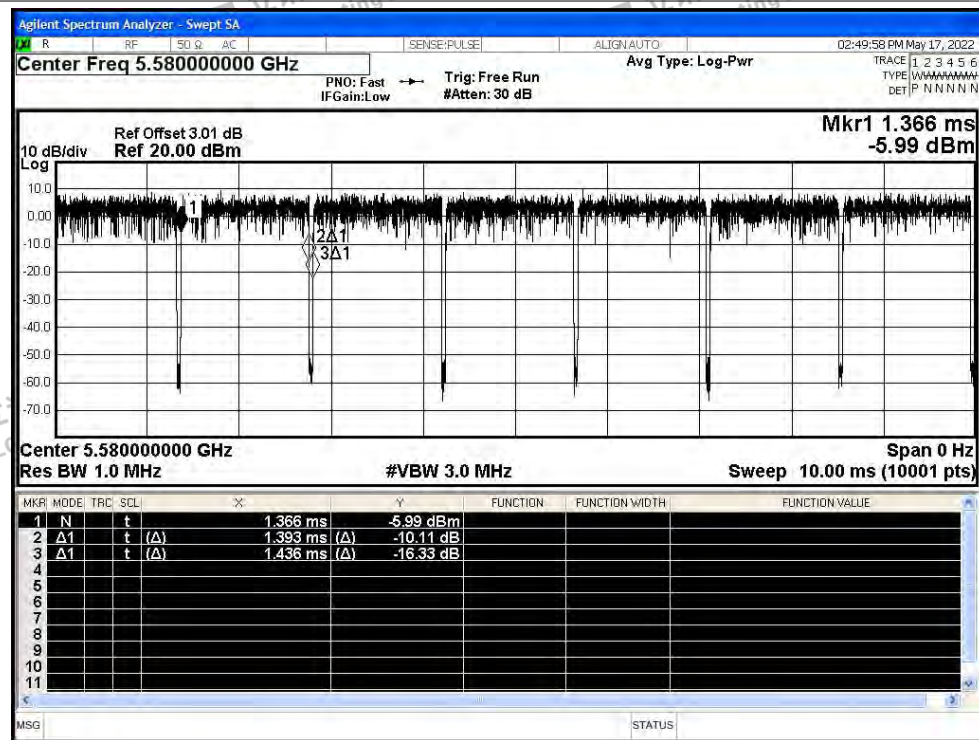


## Test Graphs

## Duty Cycle NVNT a 5500MHz Ant1

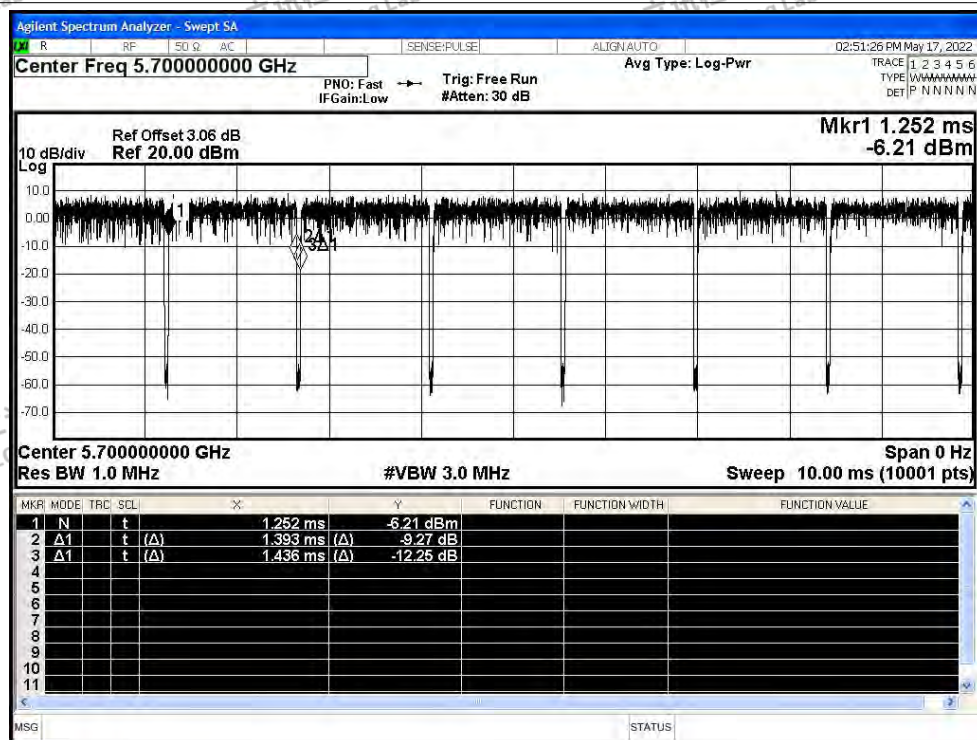


## Duty Cycle NVNT a 5580MHz Ant1

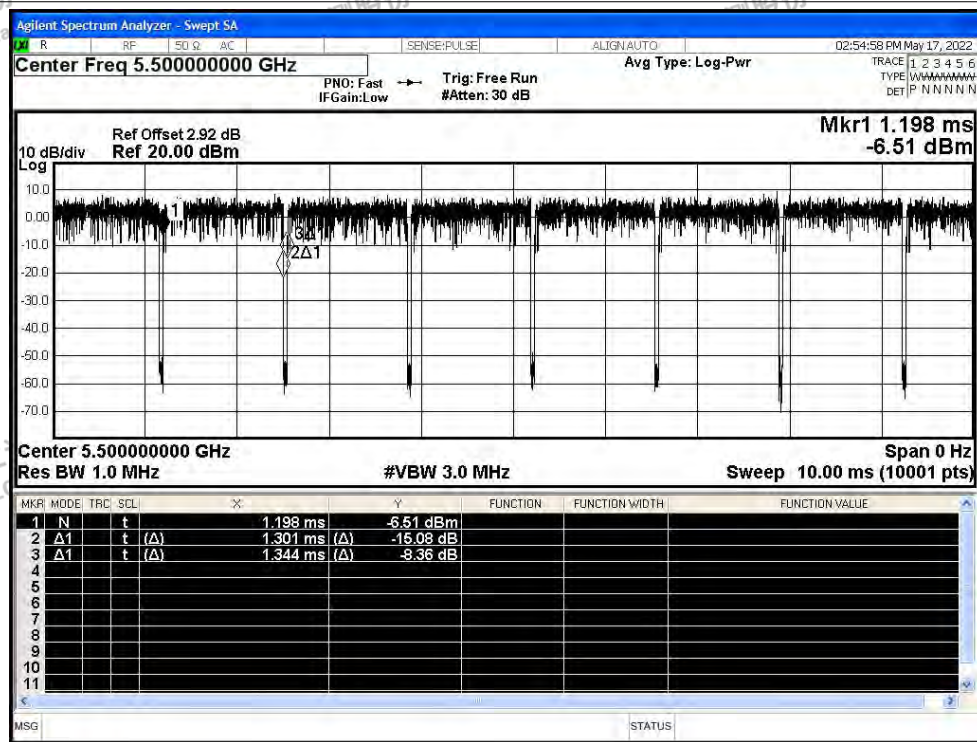




## Duty Cycle NVNT a 5700MHz Ant1

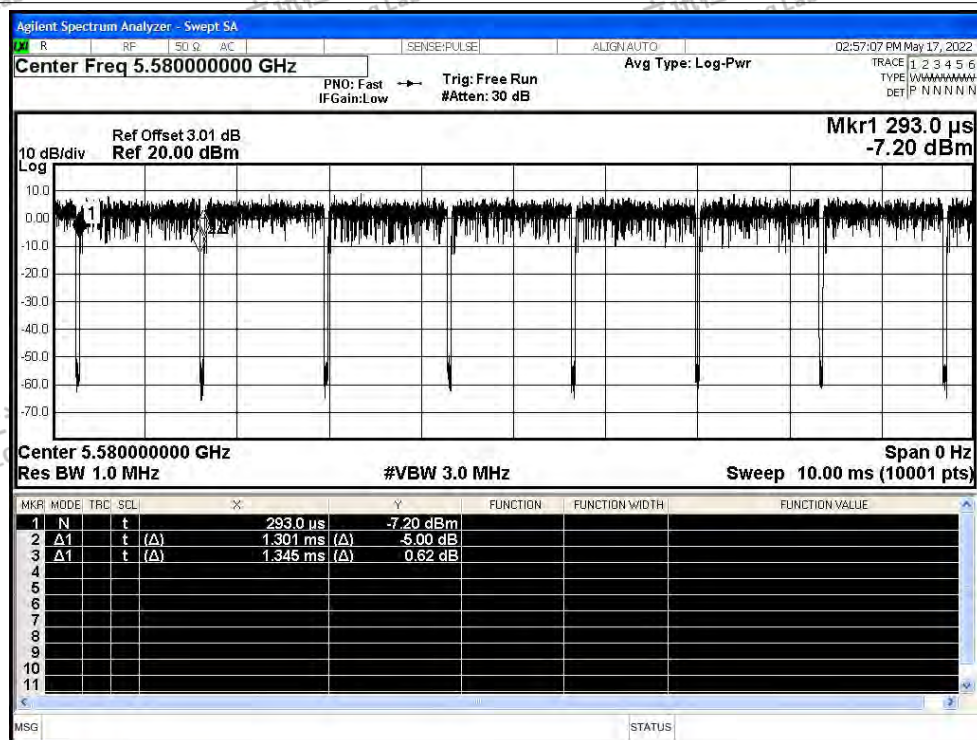


## Duty Cycle NVNT n20 5500MHz Ant1

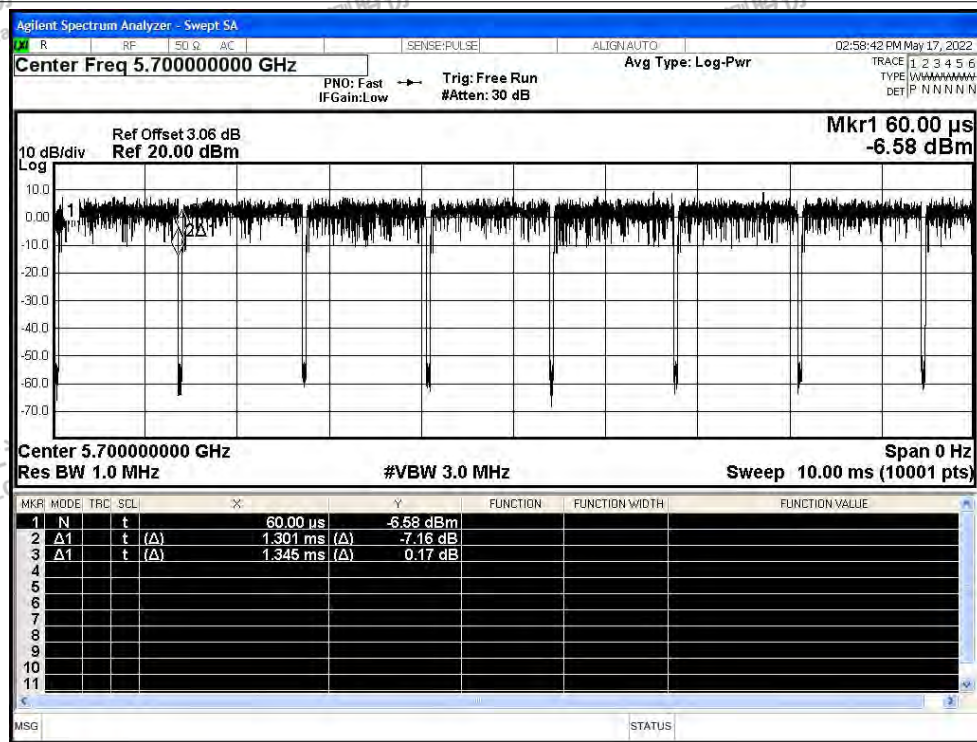




## Duty Cycle NVNT n20 5580MHz Ant1

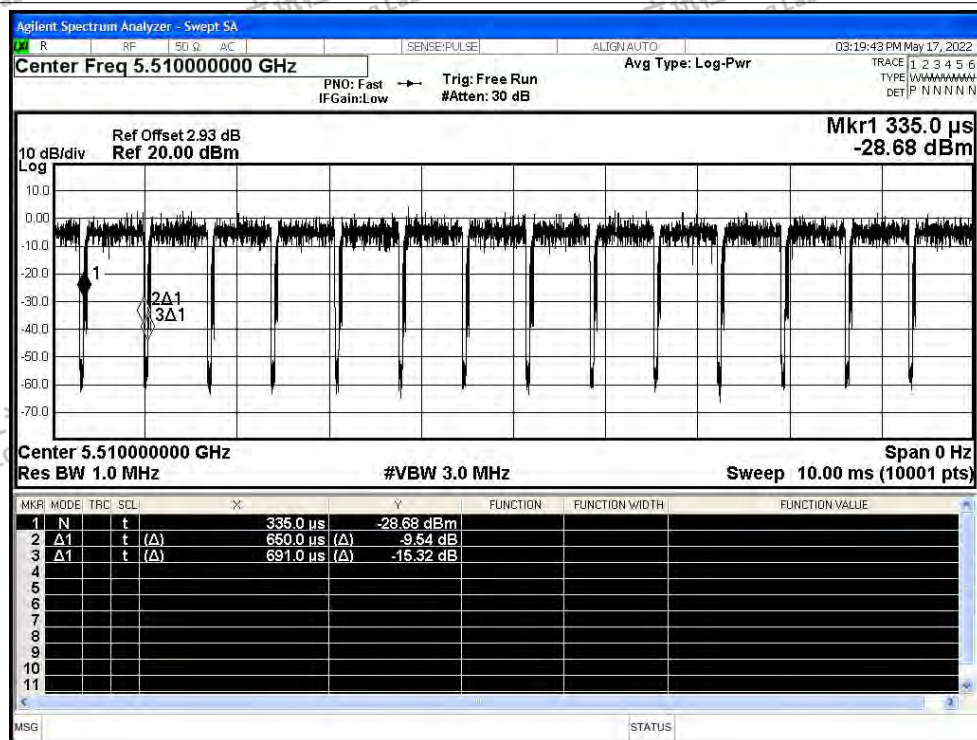


## Duty Cycle NVNT n20 5700MHz Ant1

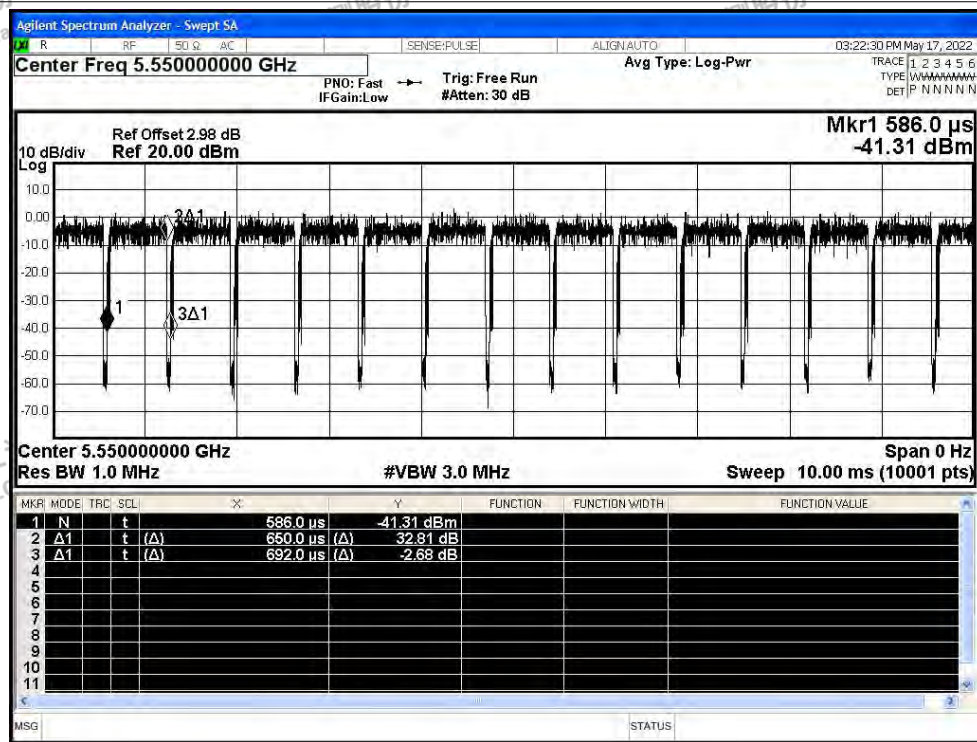




## Duty Cycle NVNT n40 5510MHz Ant1

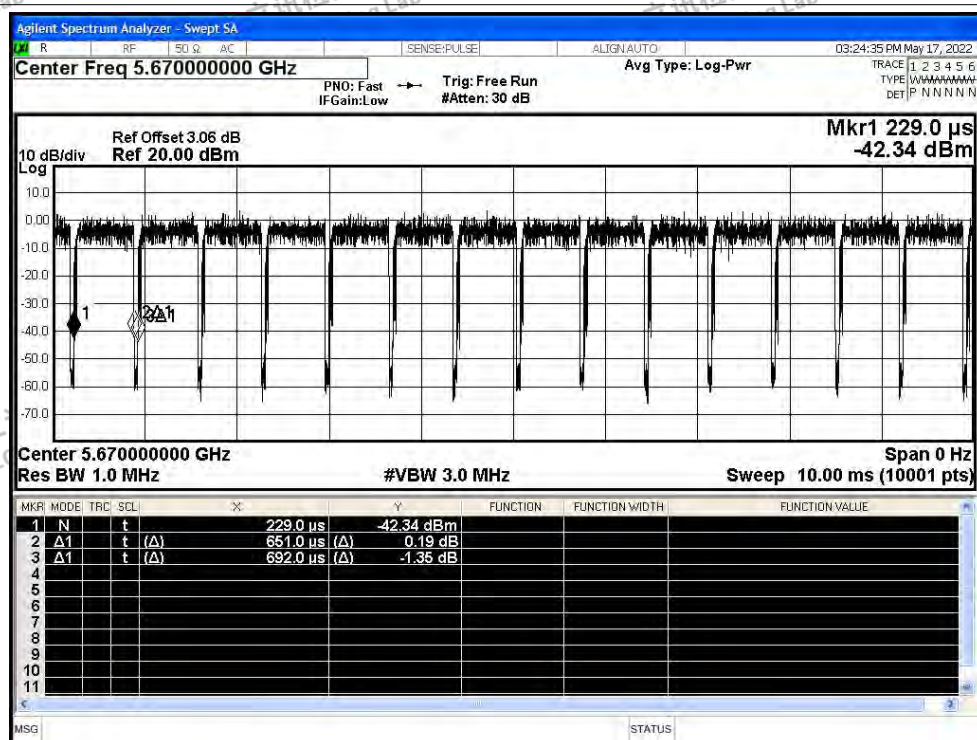


## Duty Cycle NVNT n40 5550MHz Ant1

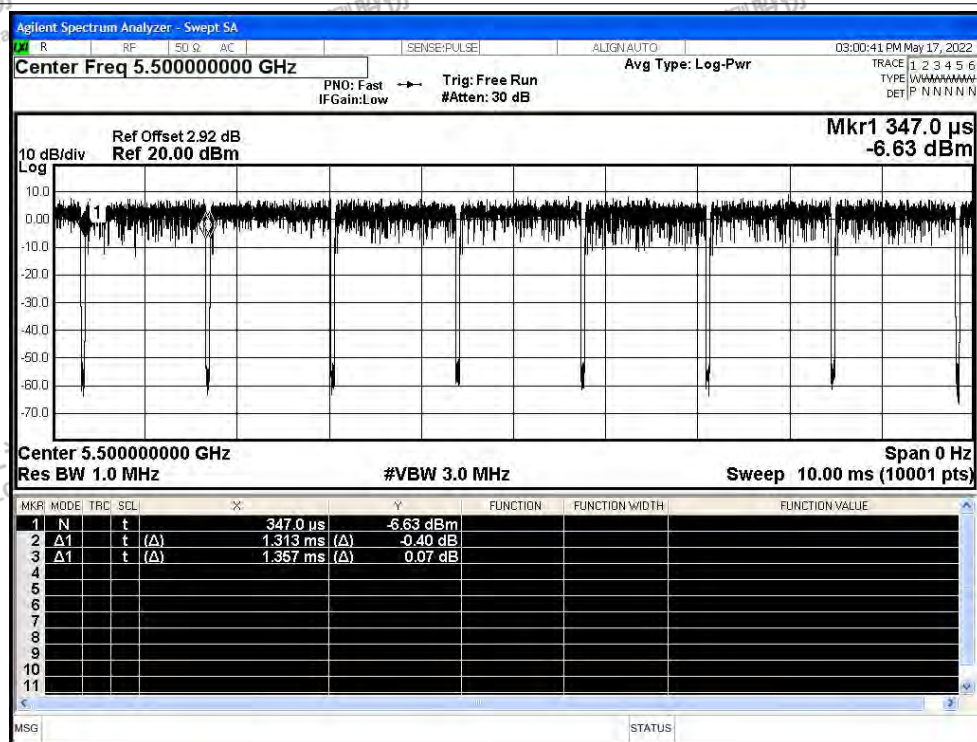




## Duty Cycle NVNT n40 5670MHz Ant1

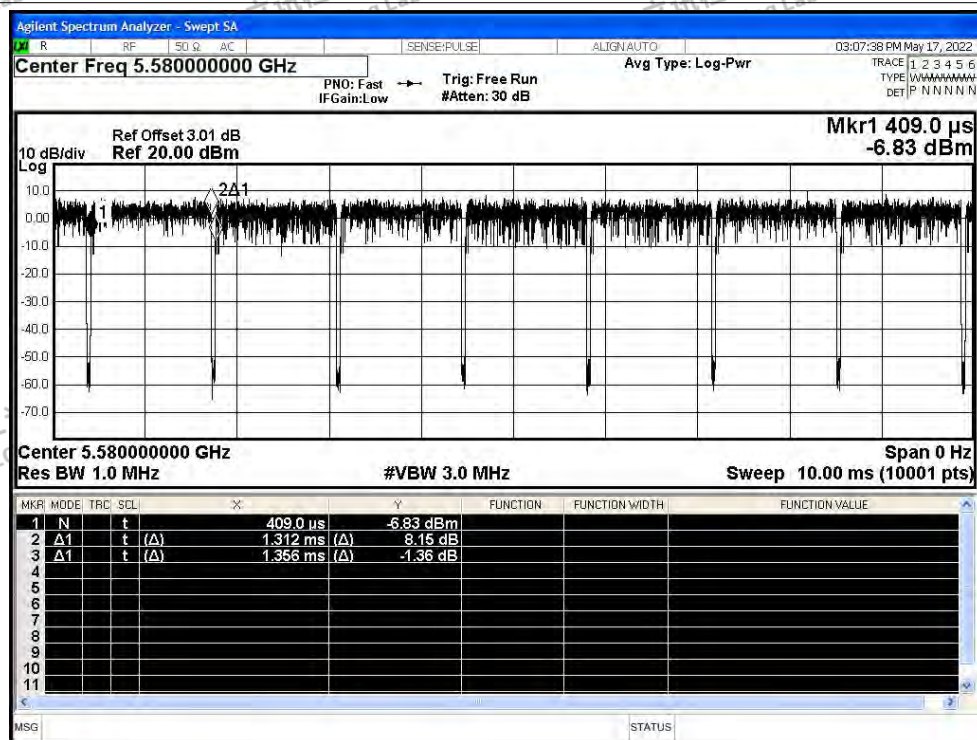


## Duty Cycle NVNT ac20 5500MHz Ant1

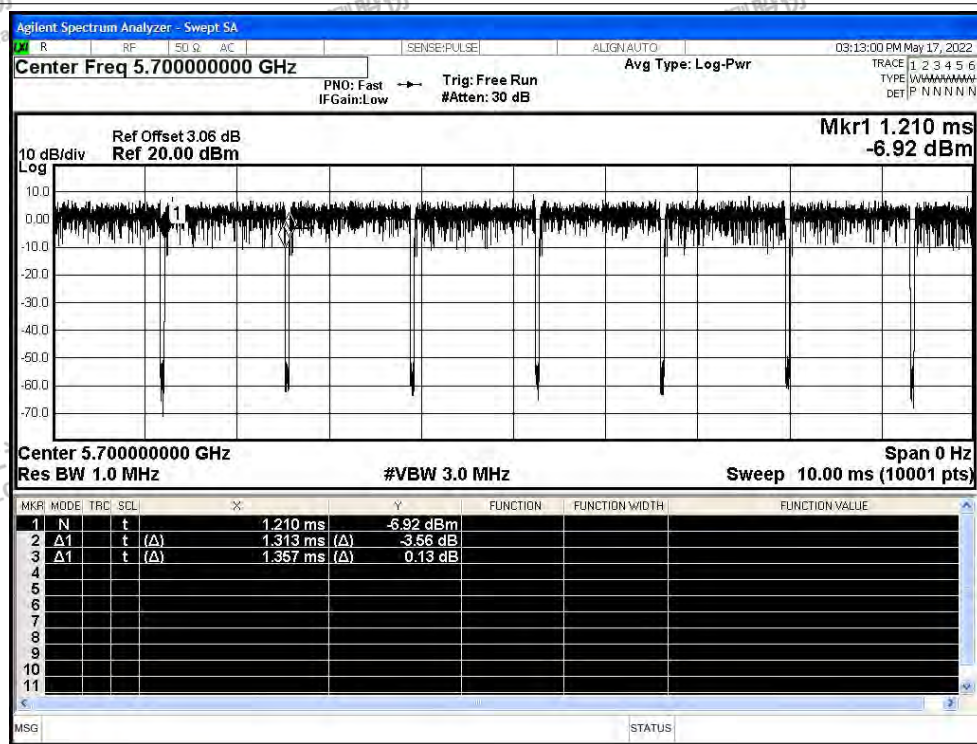




## Duty Cycle NVNT ac20 5580MHz Ant1

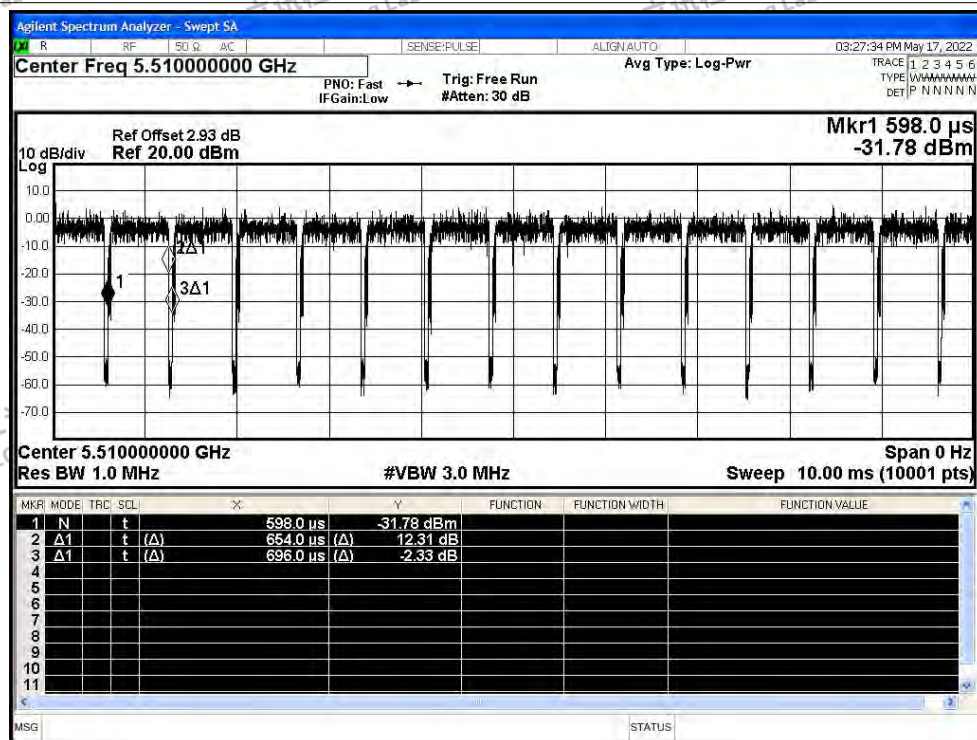


## Duty Cycle NVNT ac20 5700MHz Ant1

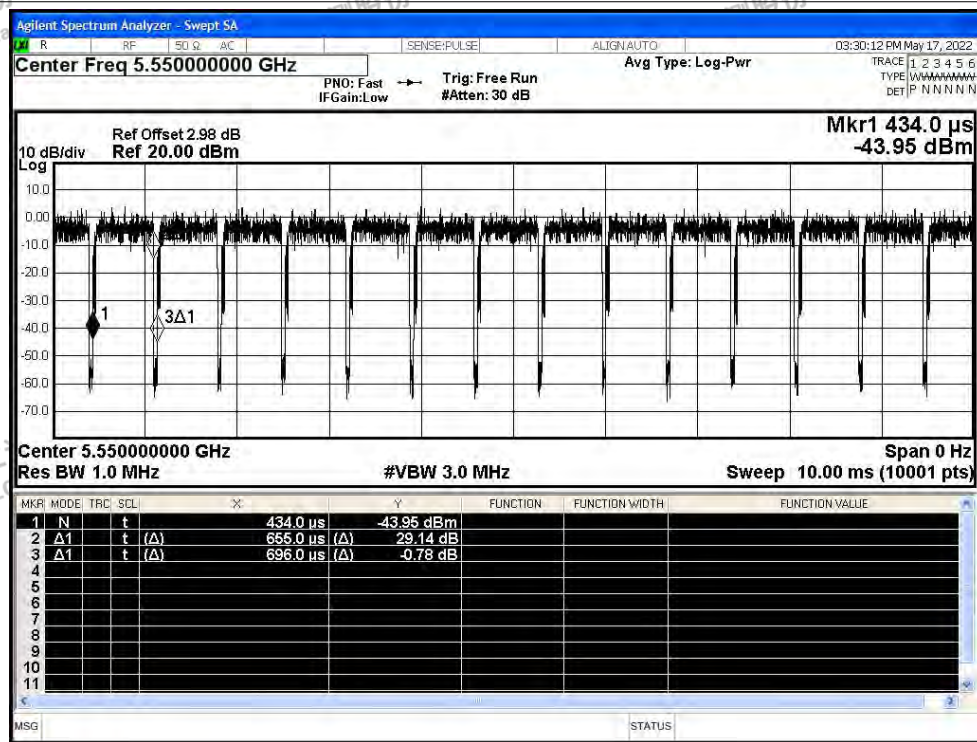




## Duty Cycle NVNT ac40 5510MHz Ant1

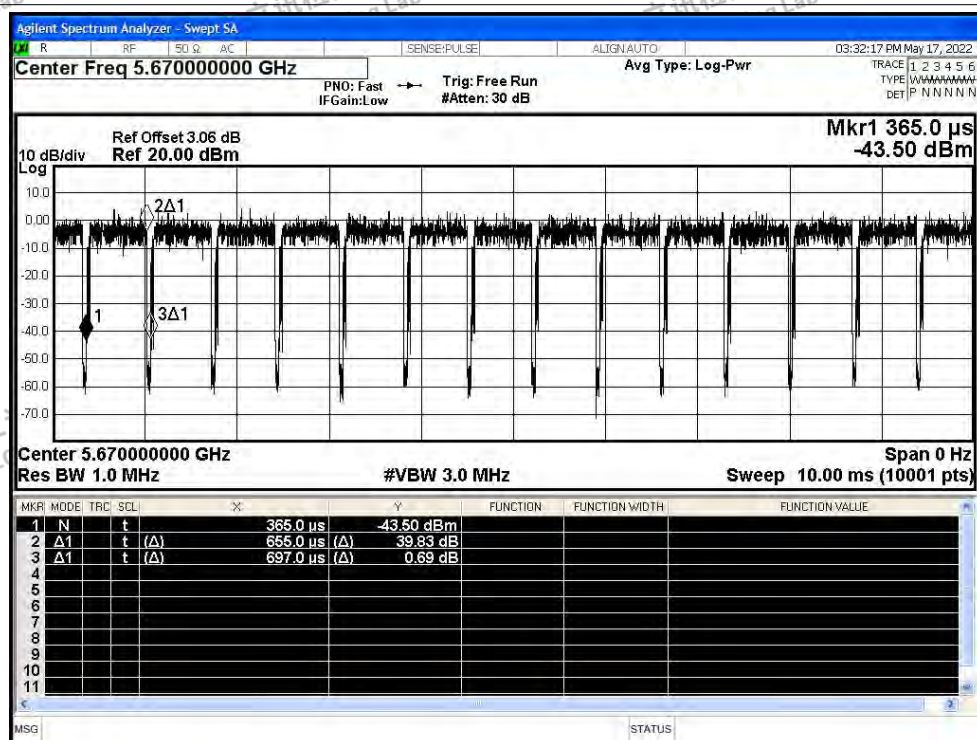


## Duty Cycle NVNT ac40 5550MHz Ant1

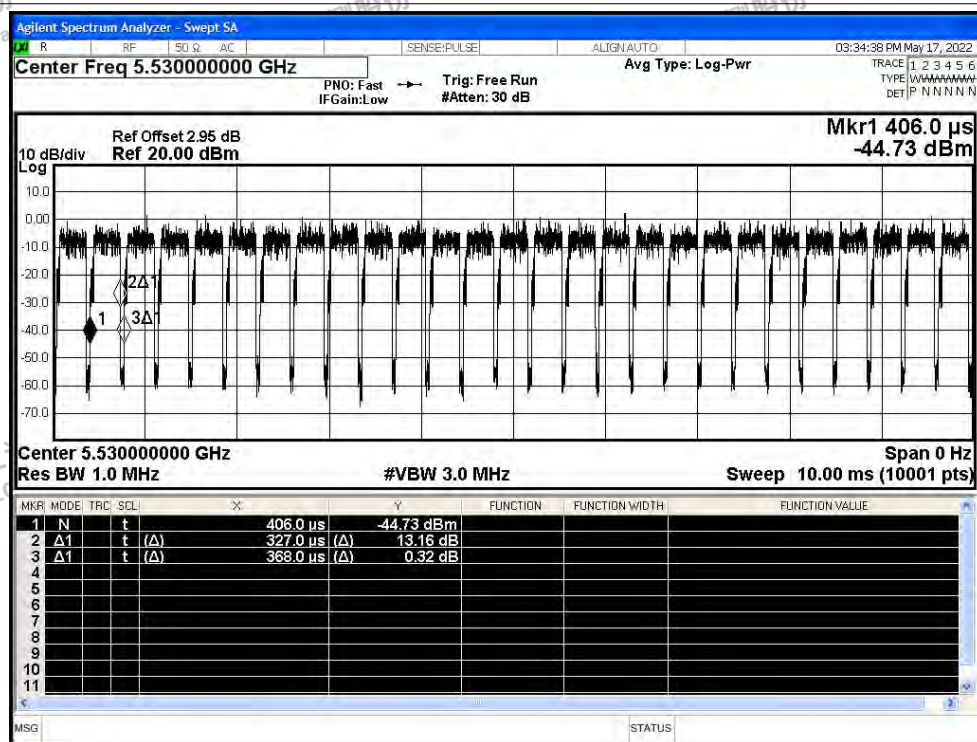




## Duty Cycle NVNT ac40 5670MHz Ant1



## Duty Cycle NVNT ac80 5530MHz Ant1





Duty Cycle NVNT ac80 5610MHz Ant1

