



## Appendix D

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

Product Name: tablet PC

Test Model: A16

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8° C   |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Joker Hu  |
| Supervised by:     | Ling Zhu  |





## D.1 -26dB Bandwidth

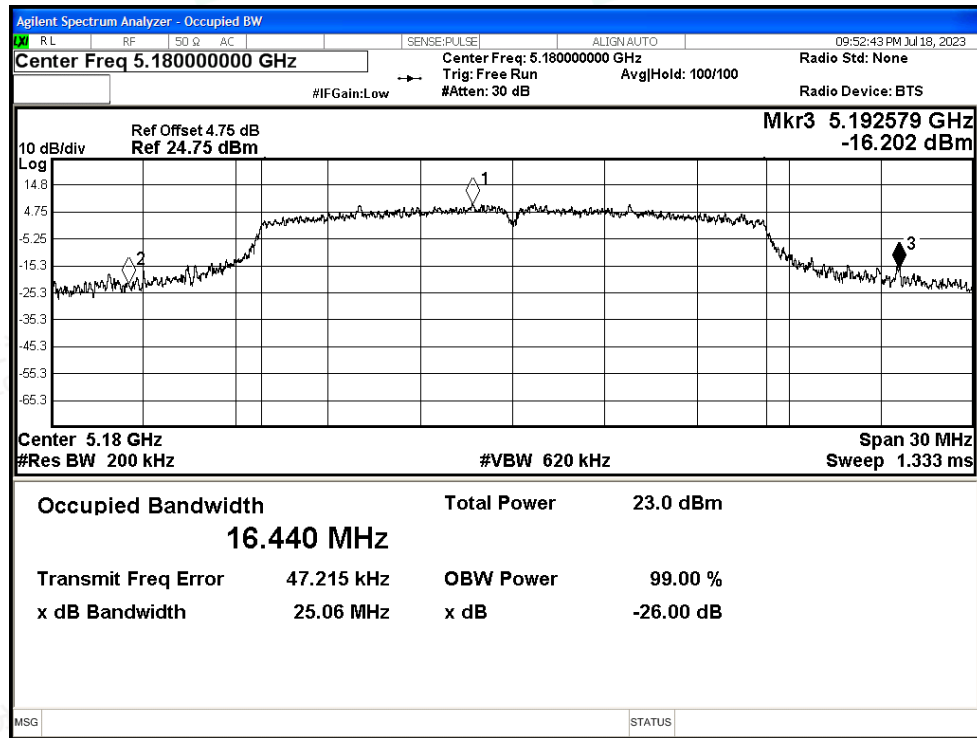
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 25.063                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5200            | Ant1    | 22.799                 | $\geq 0.5$                   | Pass    |
| NVNT      | a    | 5240            | Ant1    | 25.345                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 21.998                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 21.354                 | $\geq 0.5$                   | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 23.873                 | $\geq 0.5$                   | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 47.76                  | $\geq 0.5$                   | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 46.702                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 19.681                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 20.08                  | $\geq 0.5$                   | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 19.767                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 39.613                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 39.263                 | $\geq 0.5$                   | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 92.137                 | $\geq 0.5$                   | Pass    |



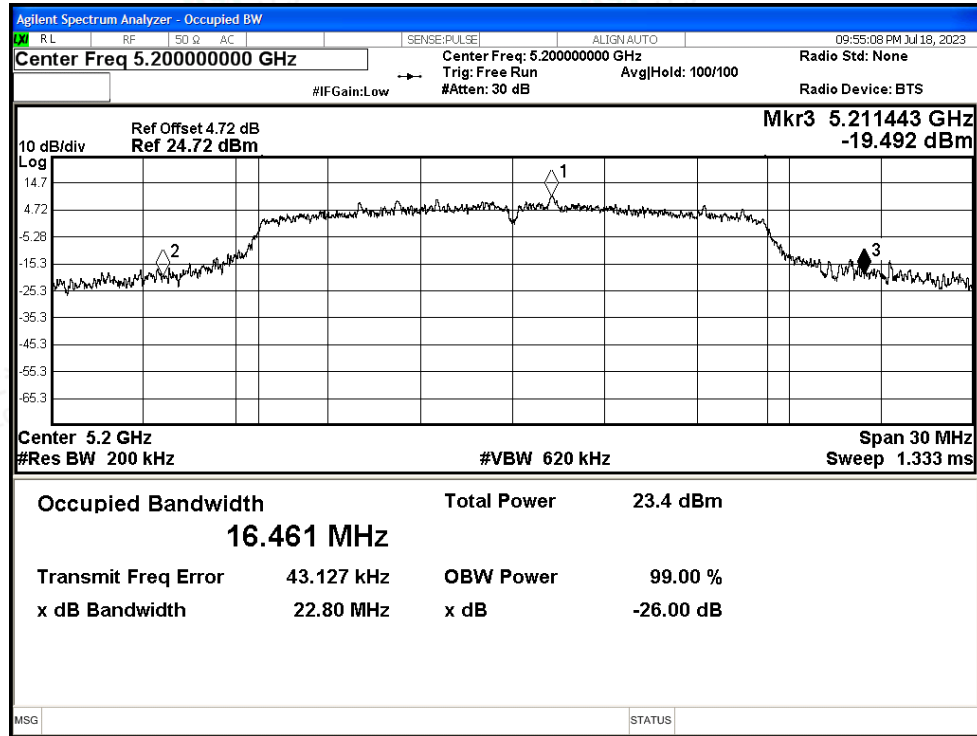


## Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

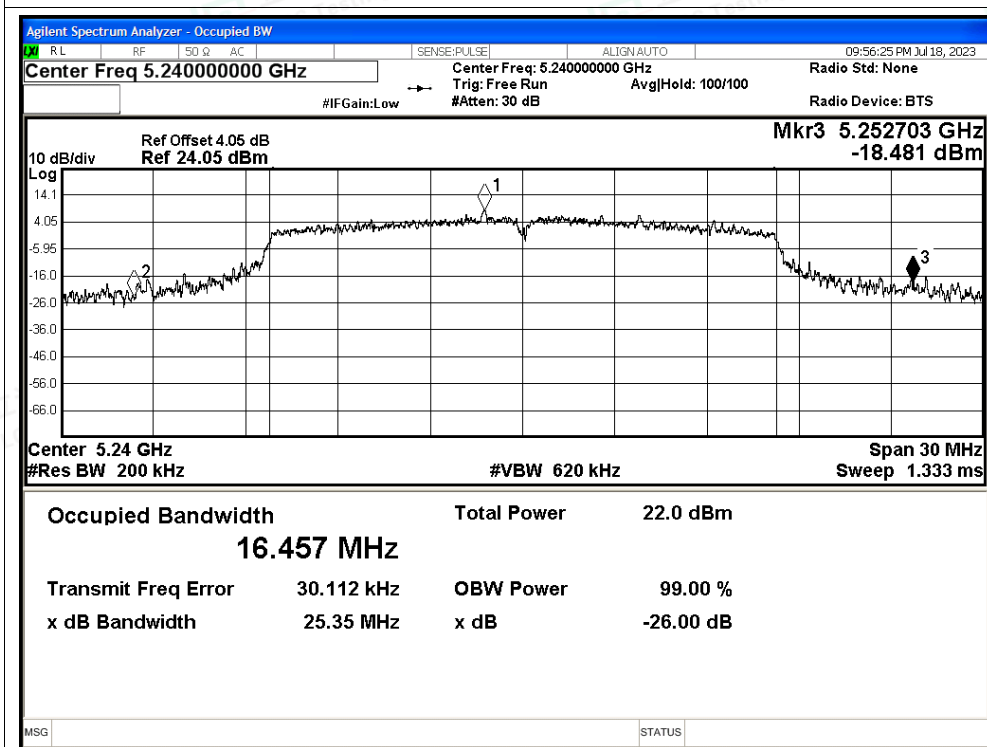


-26dB Bandwidth NVNT a 5200MHz Ant1

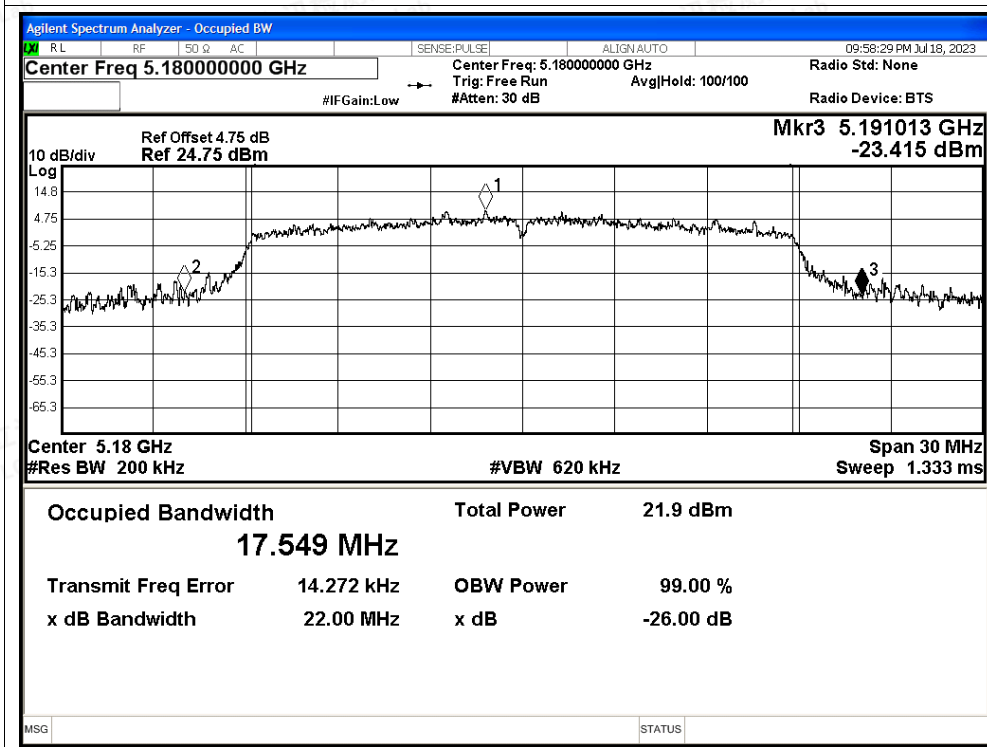




## -26dB Bandwidth NVNT a 5240MHz Ant1



## -26dB Bandwidth NVNT n20 5180MHz Ant1

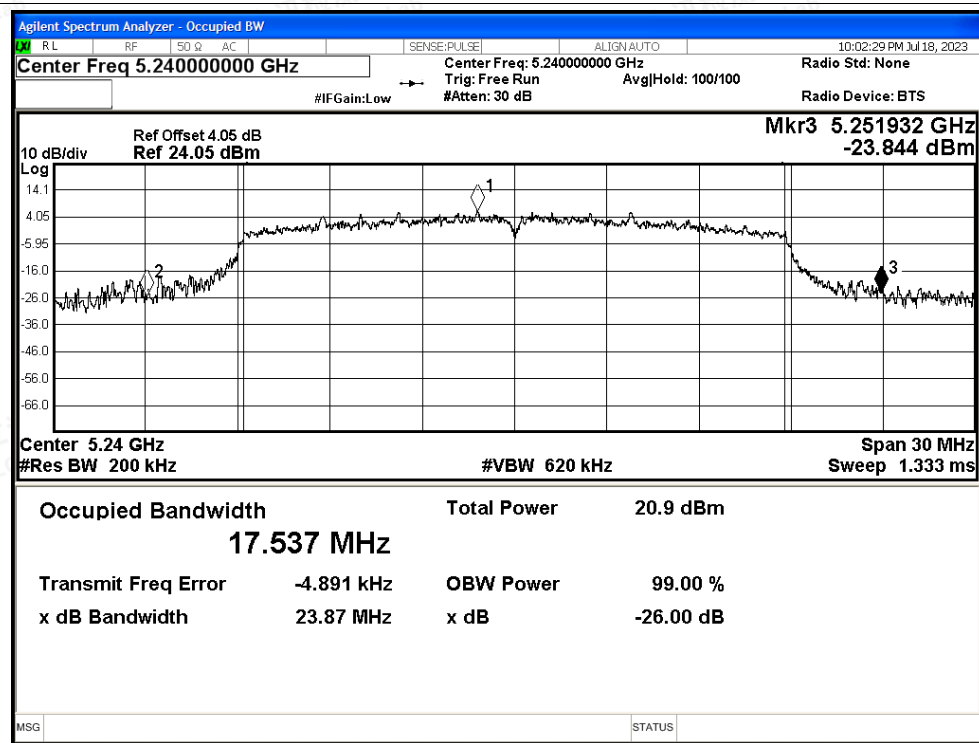




-26dB Bandwidth NVNT n20 5200MHz Ant1

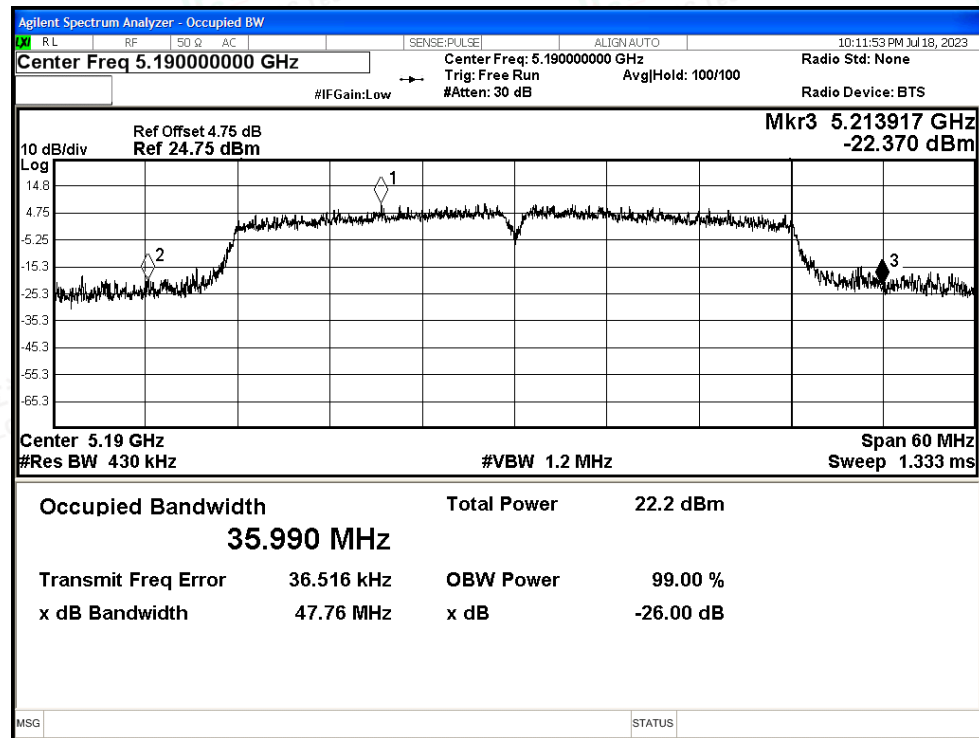


-26dB Bandwidth NVNT n20 5240MHz Ant1

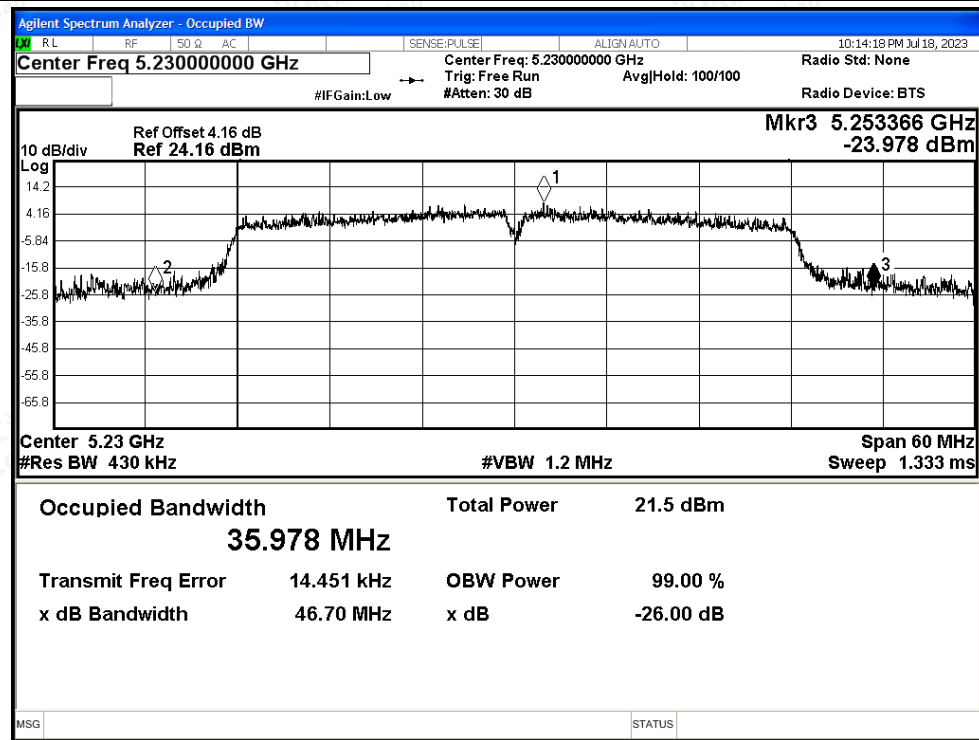




## -26dB Bandwidth NVNT n40 5190MHz Ant1



## -26dB Bandwidth NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

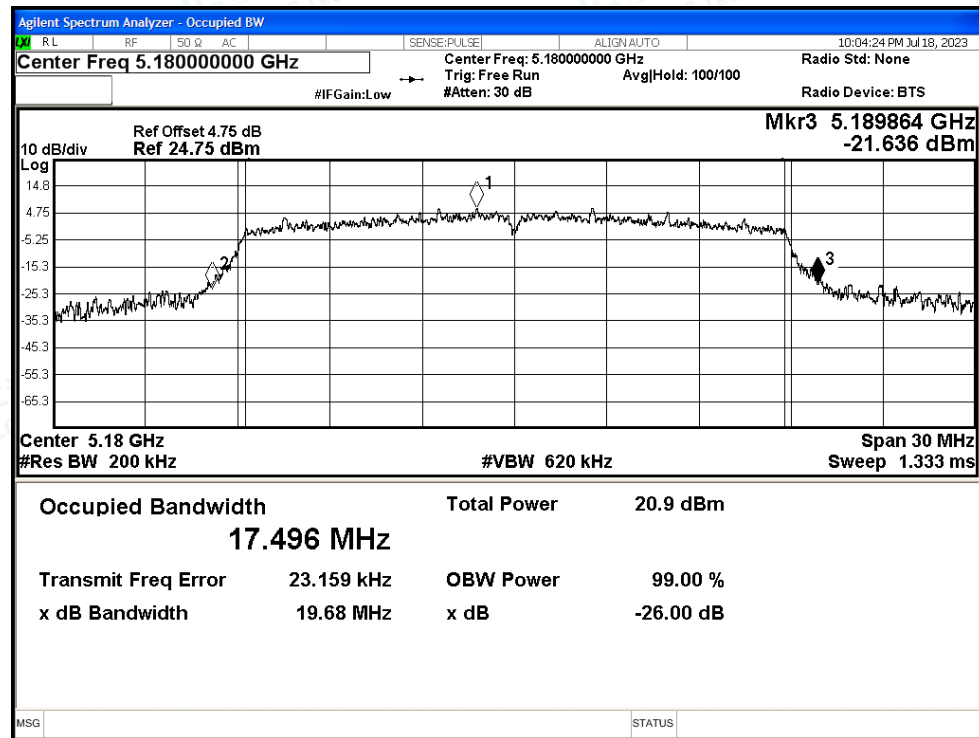
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

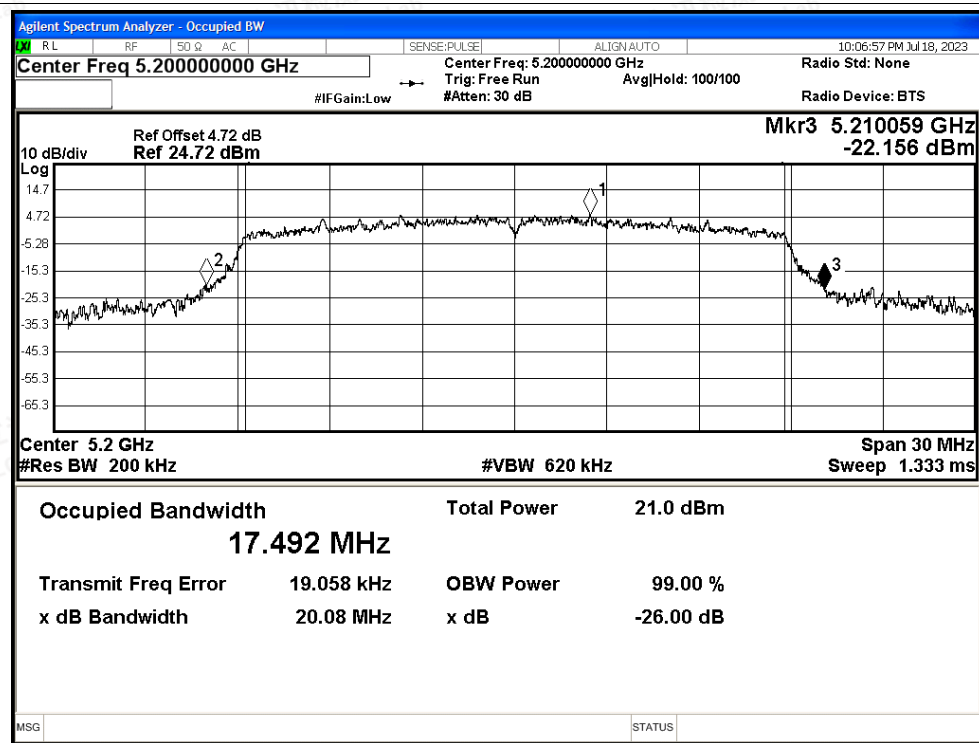
Scan code to check authenticity



## -26dB Bandwidth NVNT ac20 5180MHz Ant1

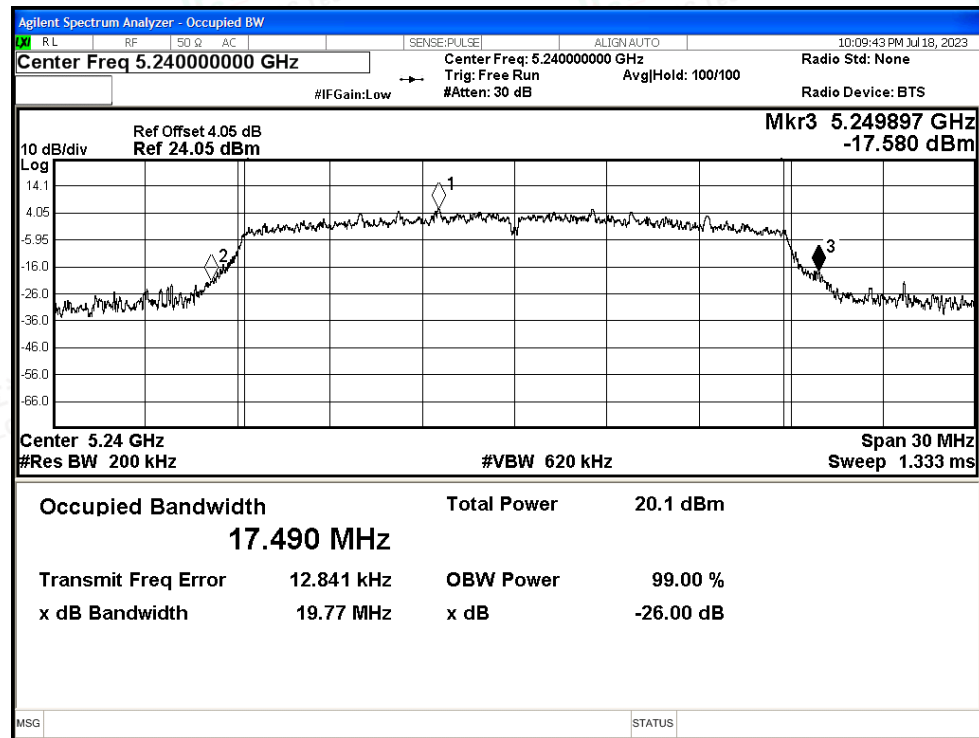


## -26dB Bandwidth NVNT ac20 5200MHz Ant1

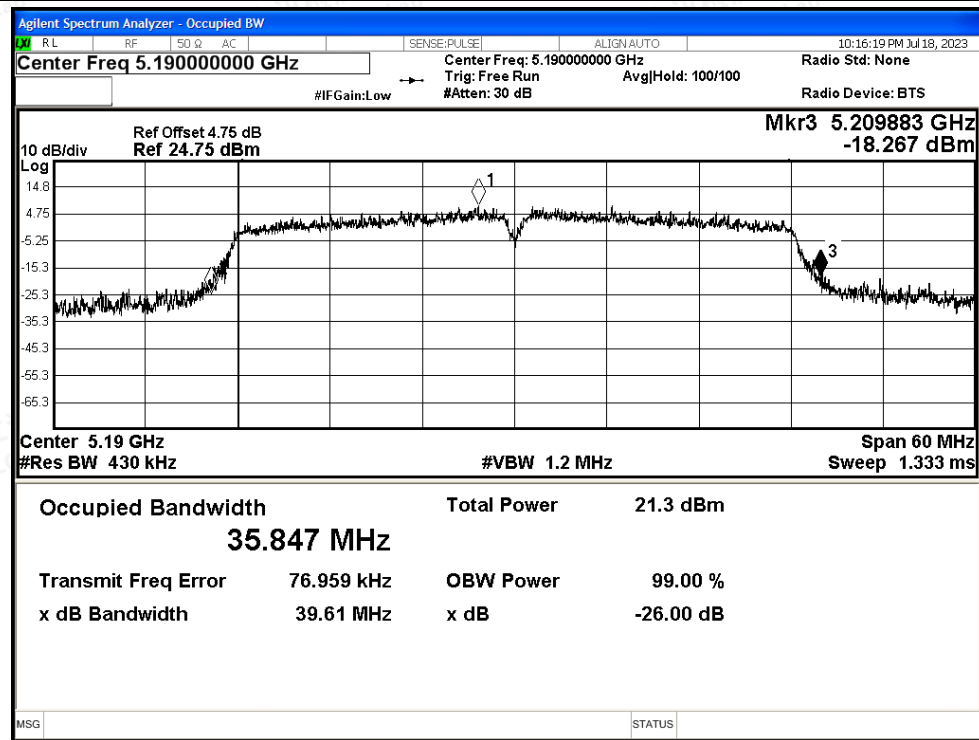




## -26dB Bandwidth NVNT ac20 5240MHz Ant1



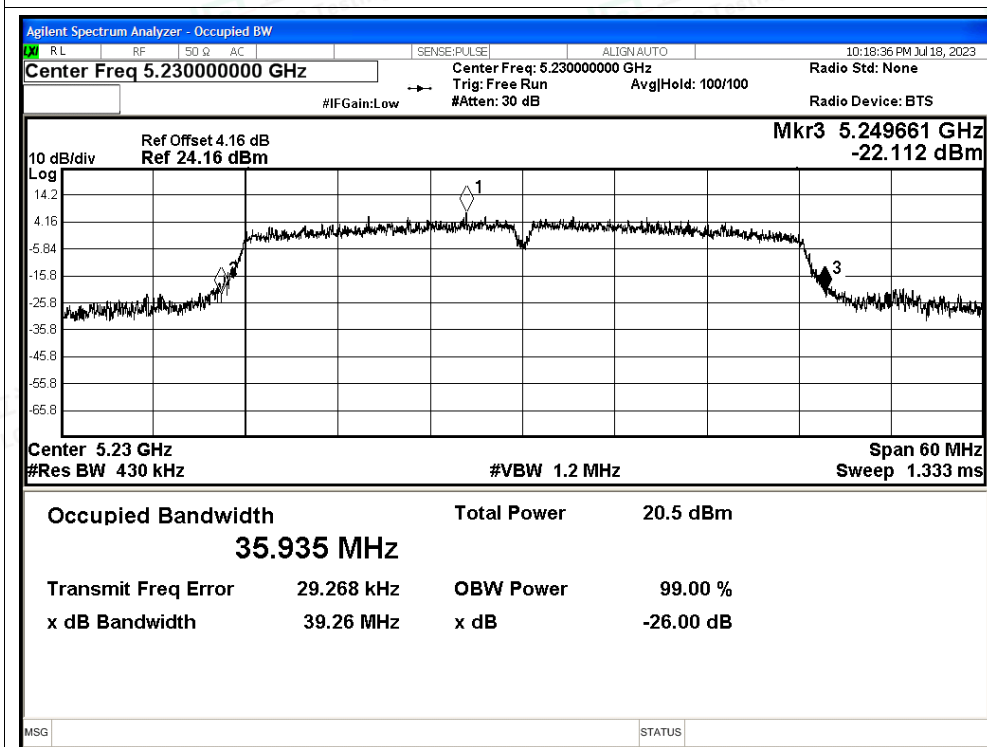
## -26dB Bandwidth NVNT ac40 5190MHz Ant1



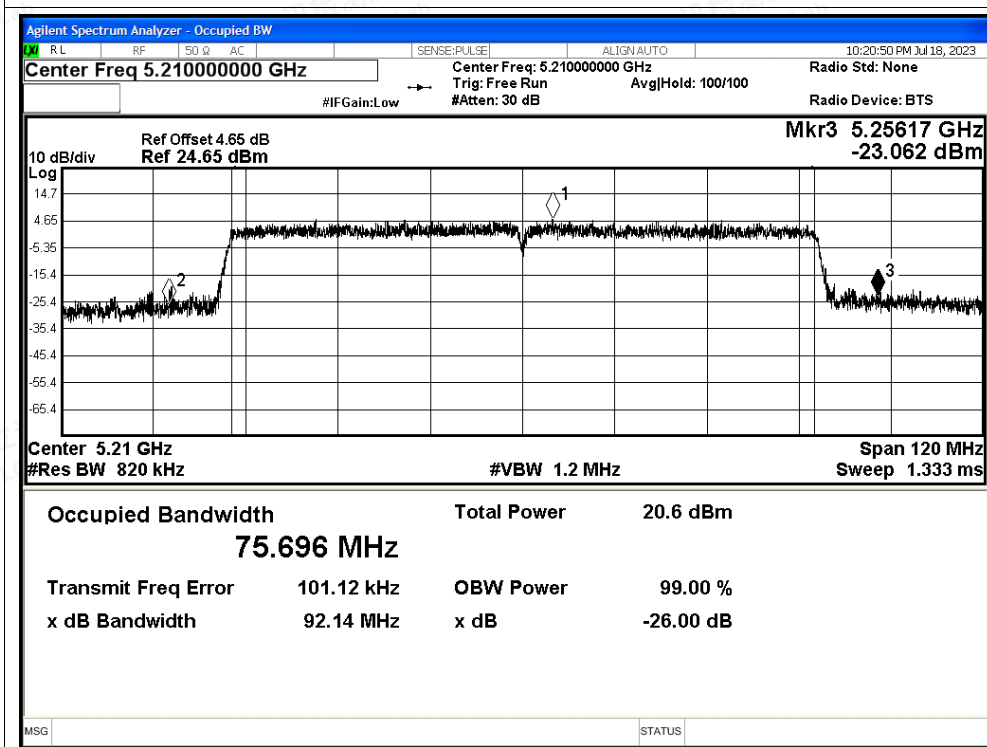




## -26dB Bandwidth NVNT ac40 5230MHz Ant1



## -26dB Bandwidth NVNT ac80 5210MHz Ant1





## D.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 15.99                 | 2.34             | 18.33             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 15.78                 | 2.35             | 18.13             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 14.93                 | 2.39             | 17.32             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 14.29                 | 2.73             | 17.02             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 14.3                  | 2.45             | 16.75             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 13.3                  | 2.61             | 15.91             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 12.8                  | 4.03             | 16.83             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 11.94                 | 4.03             | 15.97             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 13.01                 | 2.59             | 15.60             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 13.25                 | 2.41             | 15.66             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 12.93                 | 2.59             | 15.52             | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 11.53                 | 4.01             | 15.54             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 11.06                 | 4.17             | 15.23             | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 8.65                  | 6.5              | 15.15             | 24          | Pass    |





### D.3 Maximum Power Spectral Density Level

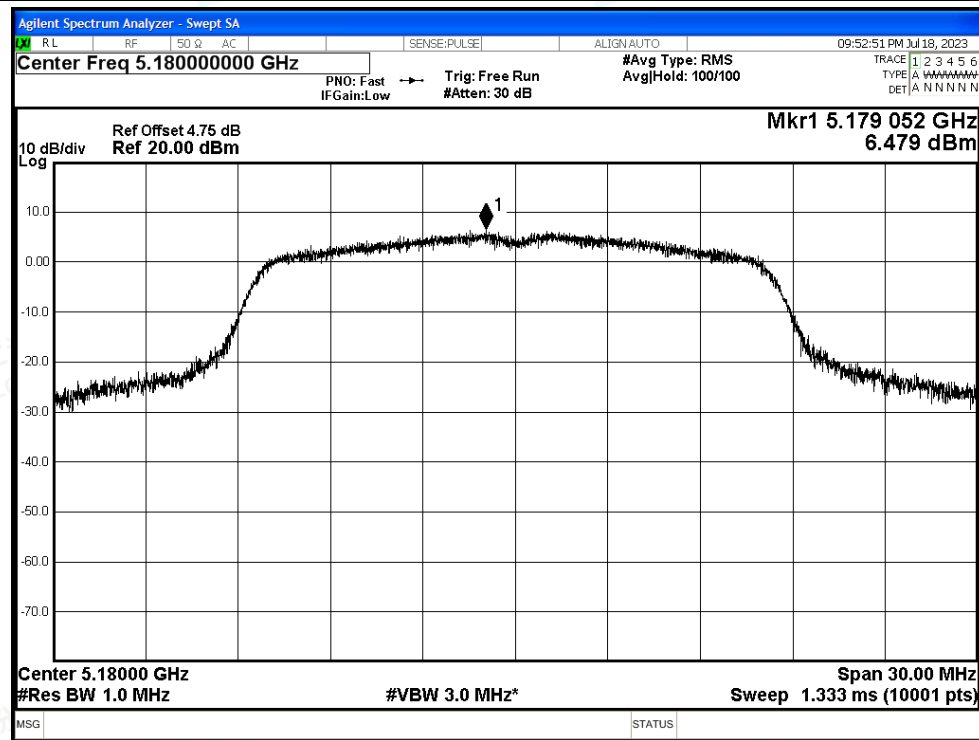
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 6.48                | 2.34             | 8.82            | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 6.53                | 2.35             | 8.88            | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5.71                | 2.39             | 8.1             | 11          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5.35                | 2.73             | 8.08            | 11          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 5.39                | 2.45             | 7.84            | 11          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 4.26                | 2.61             | 6.87            | 11          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 1.19                | 4.03             | 5.22            | 11          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -0.29               | 4.03             | 3.74            | 11          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 3.85                | 2.59             | 6.44            | 11          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 4.06                | 2.41             | 6.47            | 11          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 3.96                | 2.59             | 6.55            | 11          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 0.11                | 4.01             | 4.12            | 11          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -0.2                | 4.17             | 3.97            | 11          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -6.69               | 6.5              | -0.19           | 11          | Pass    |



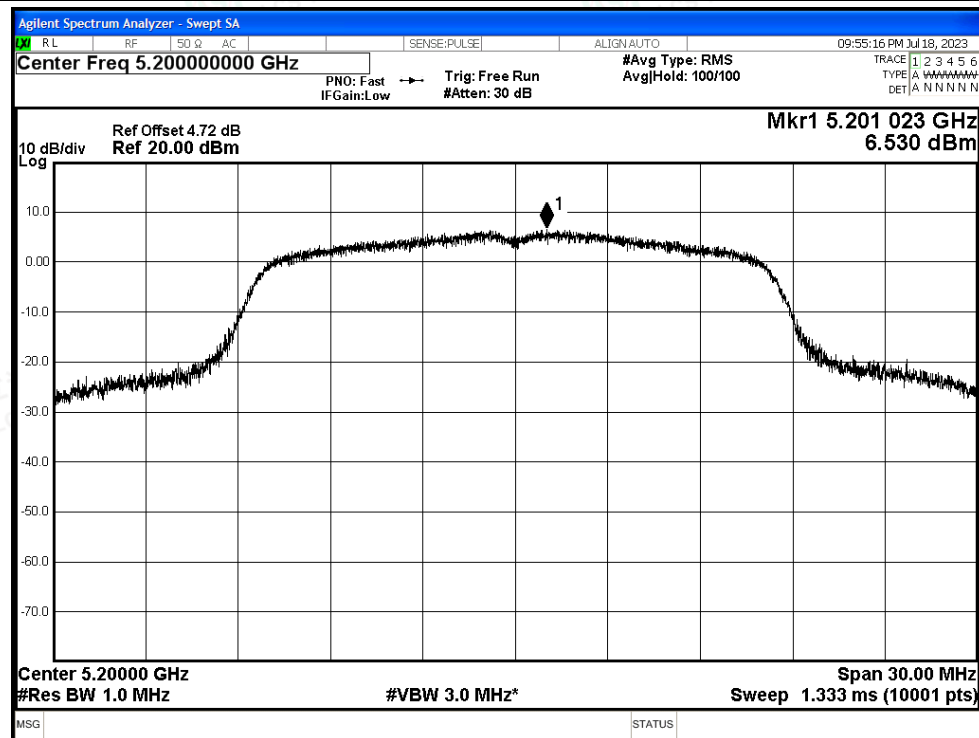


## Test Graphs

## PSD NVNT a 5180MHz Ant1

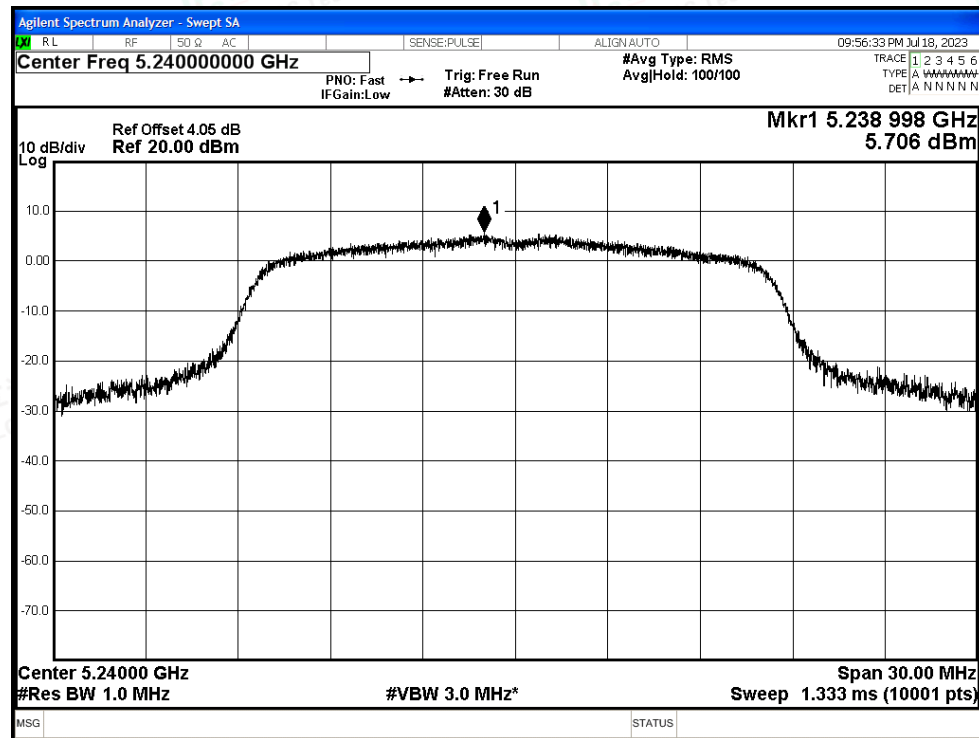


## PSD NVNT a 5200MHz Ant1

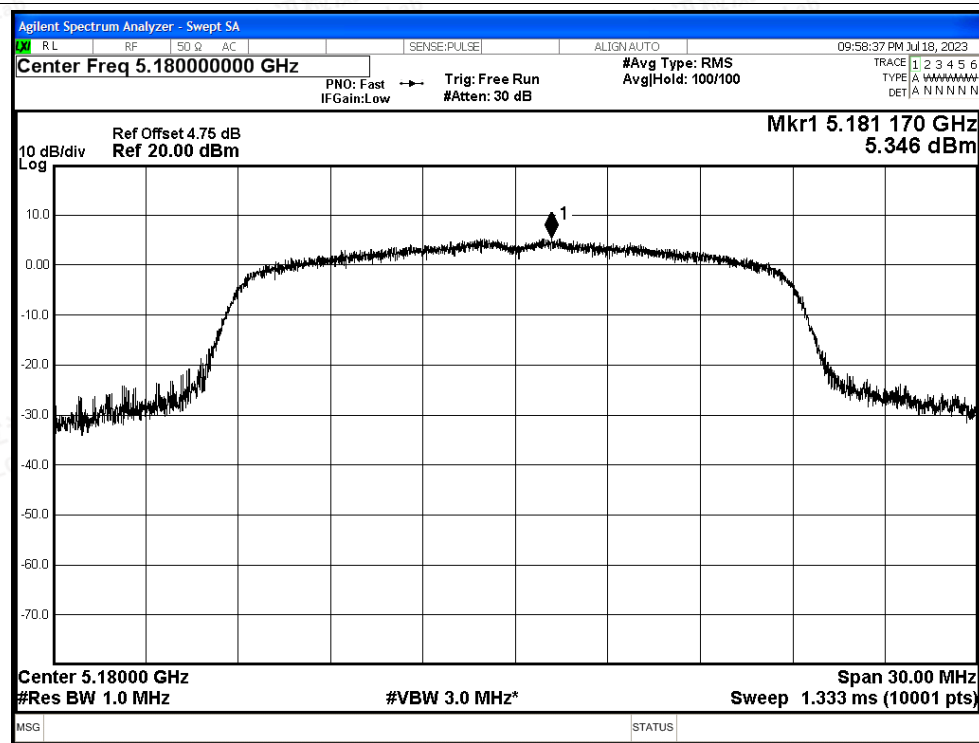


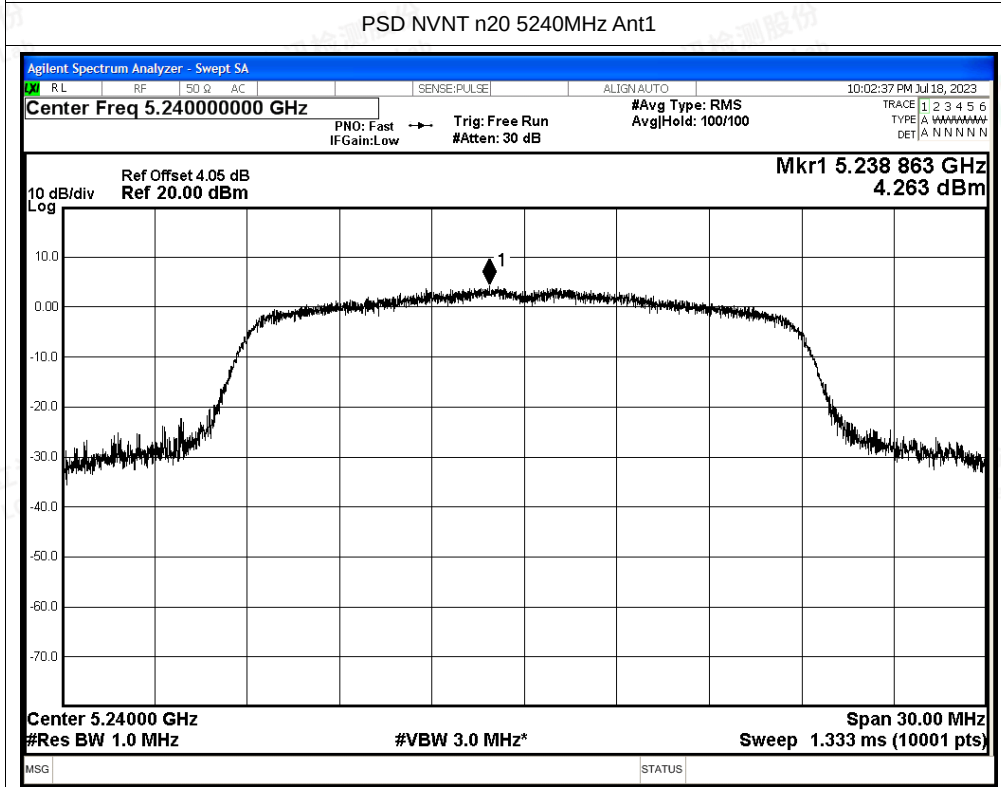
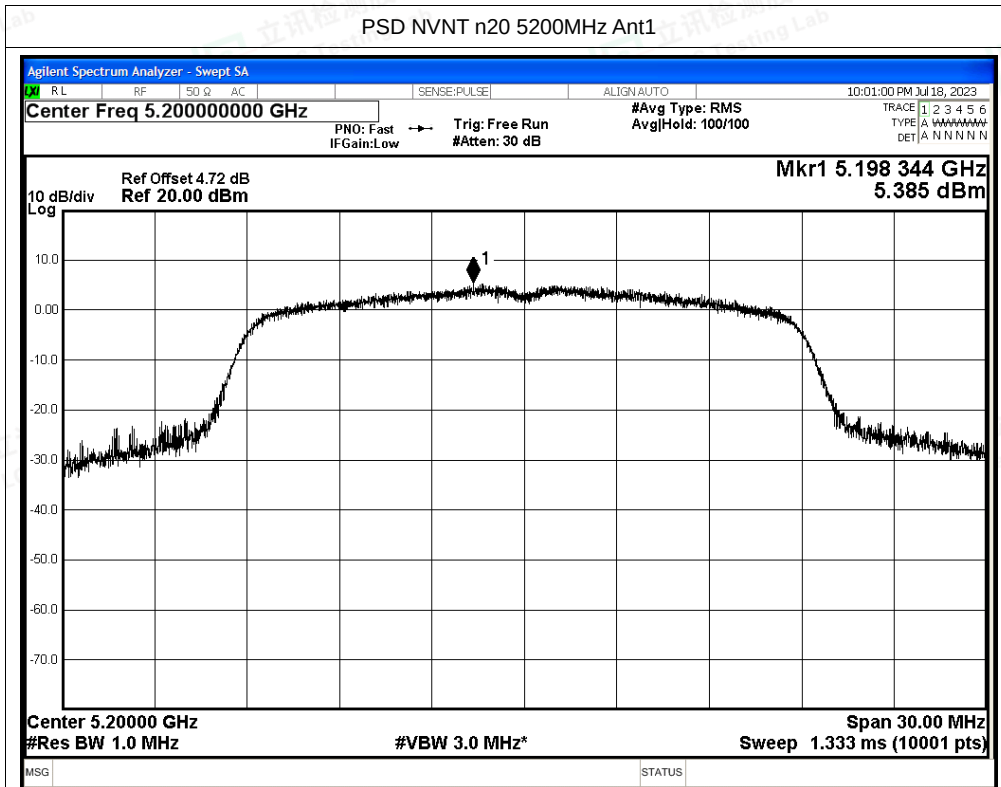


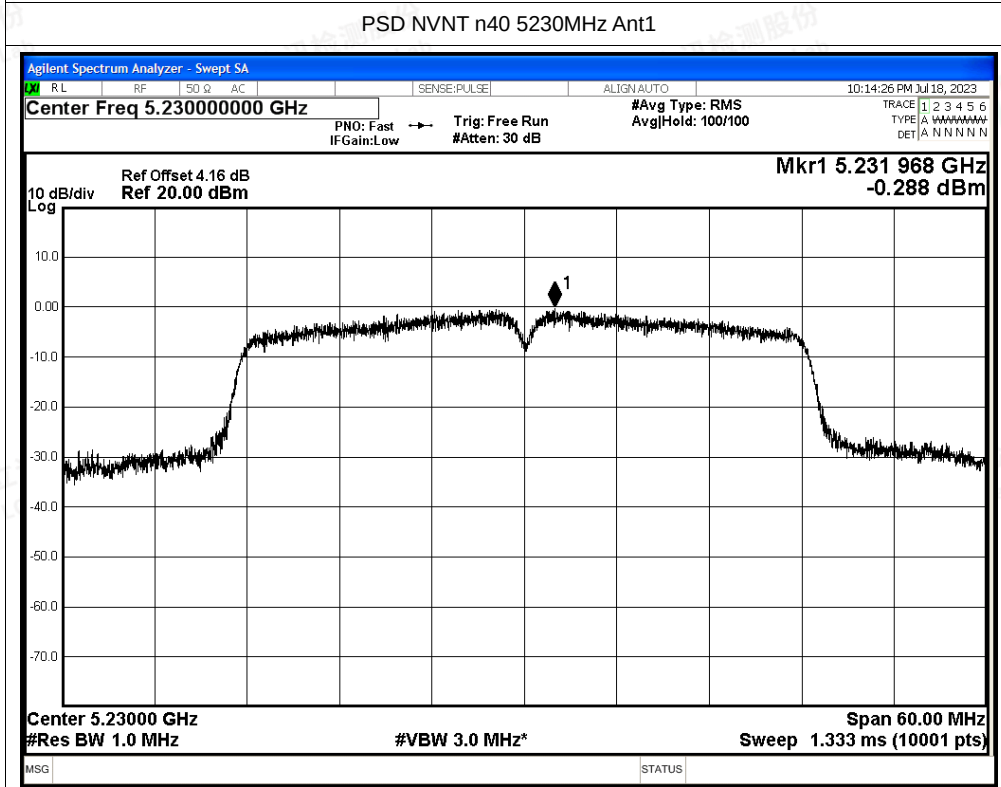
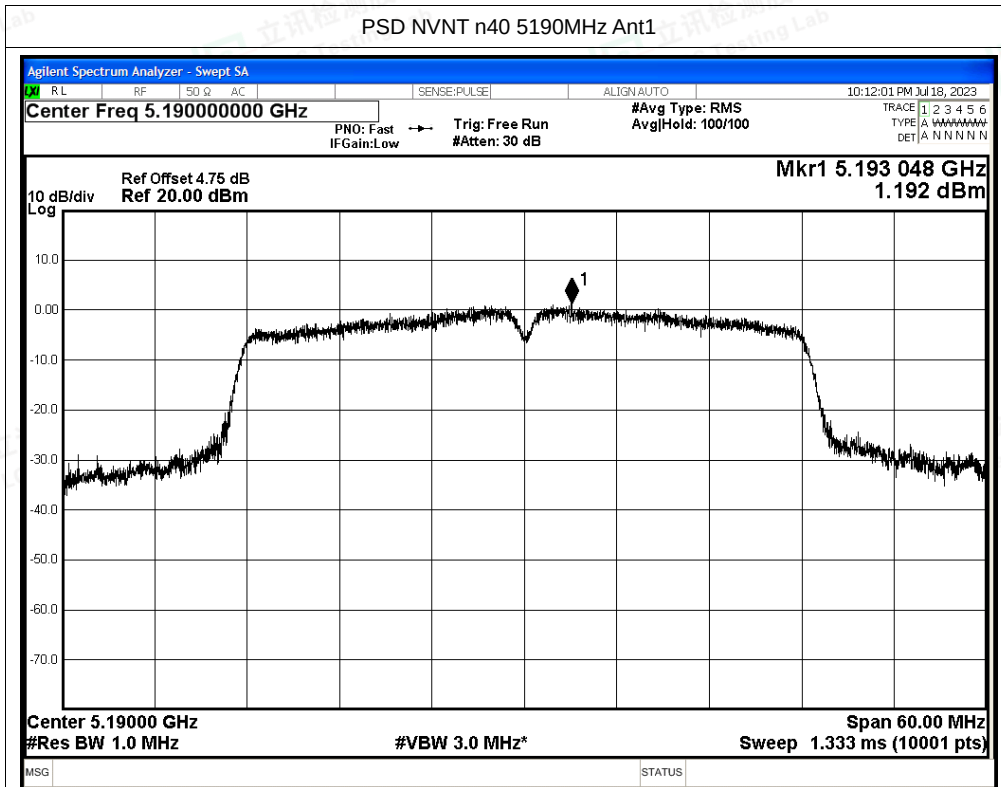
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

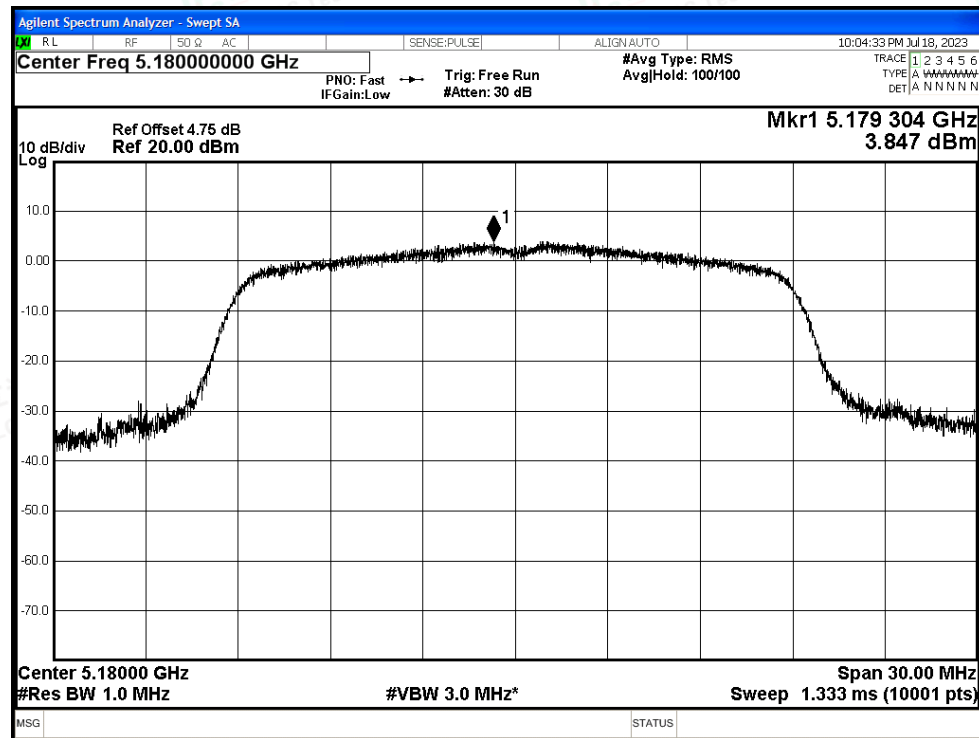




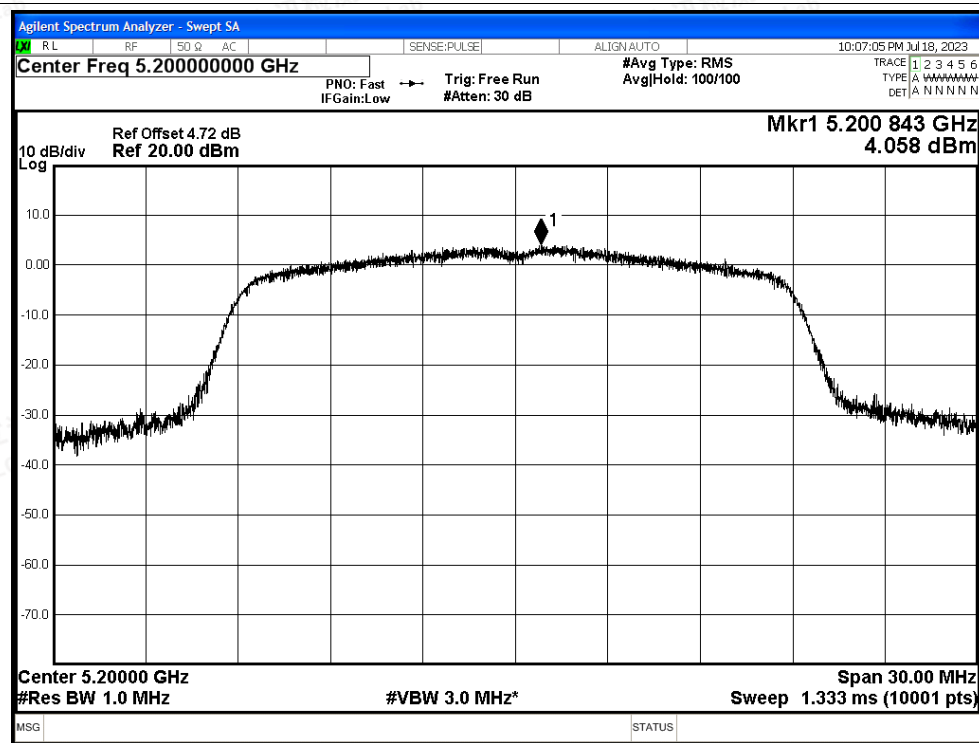




PSD NVNT ac20 5180MHz Ant1



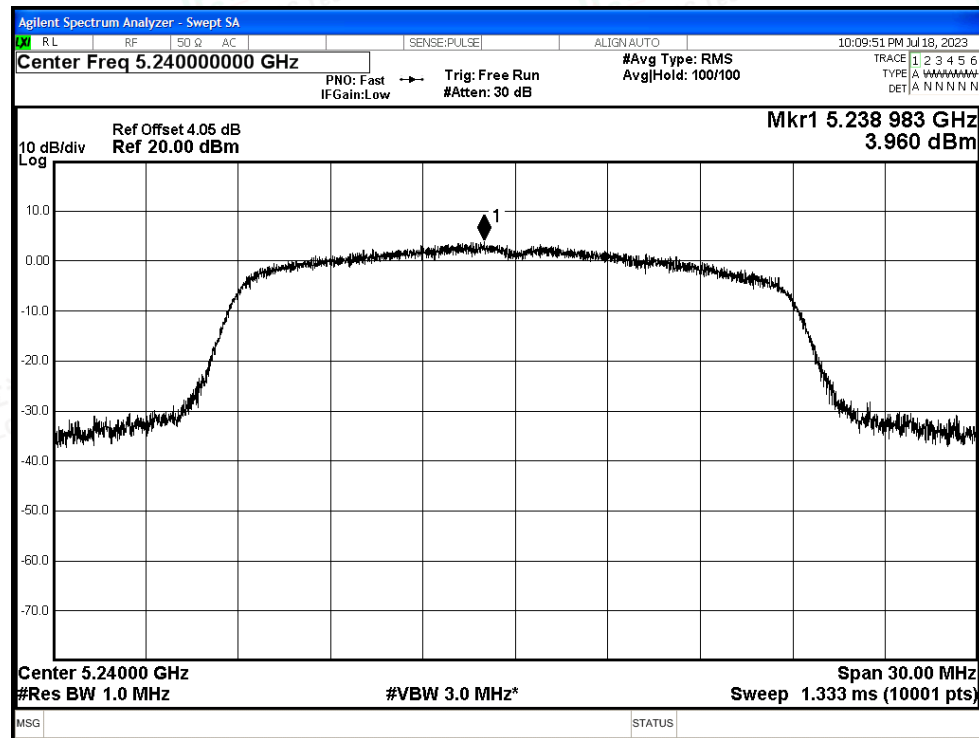
PSD NVNT ac20 5200MHz Ant1



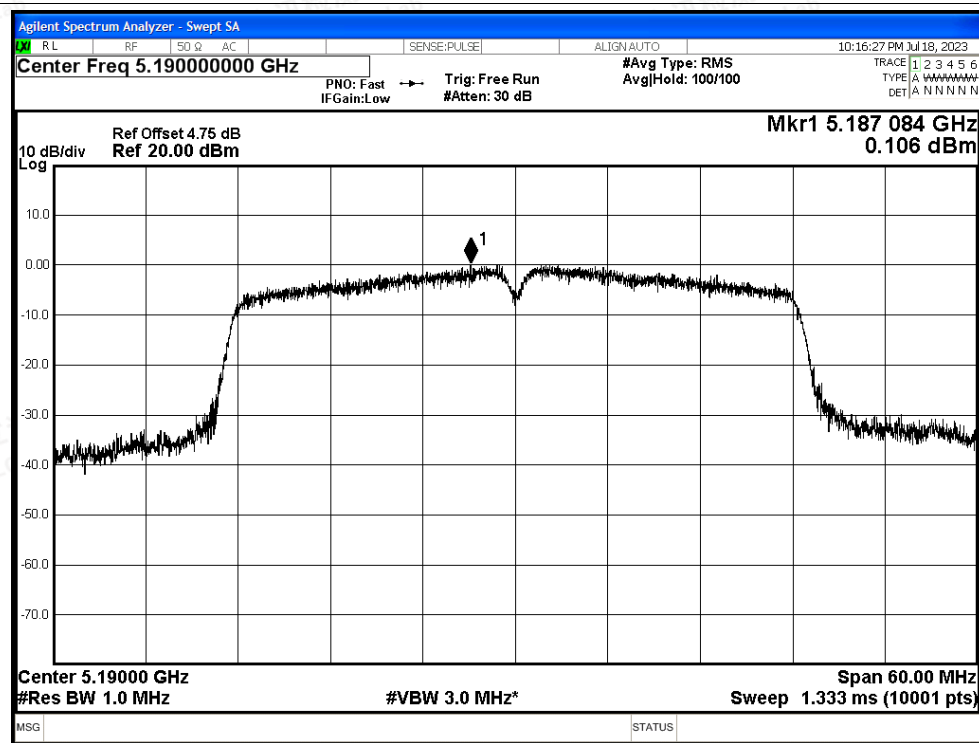




PSD NVNT ac20 5240MHz Ant1

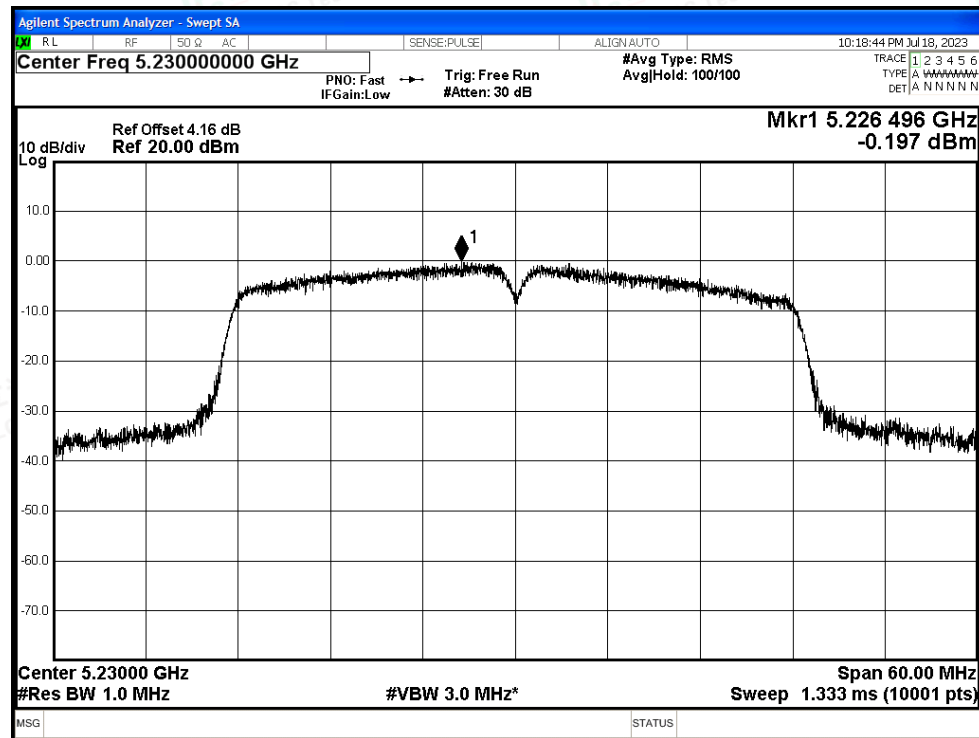


PSD NVNT ac40 5190MHz Ant1

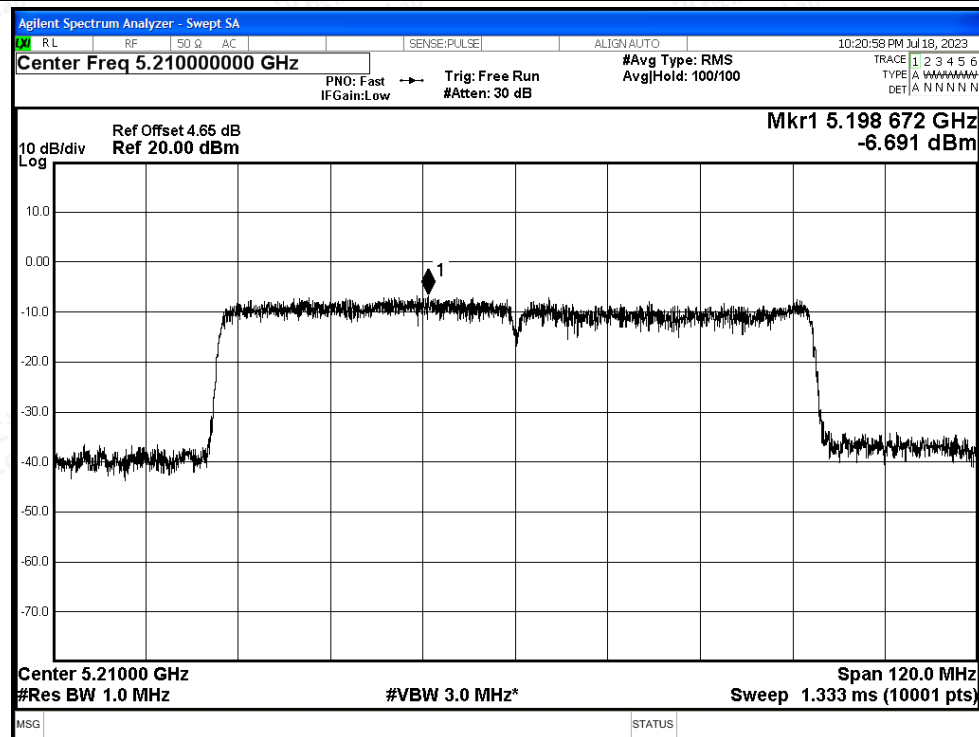




## PSD NVNT ac40 5230MHz Ant1



## PSD NVNT ac80 5210MHz Ant1





## D.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    | 5180            | Ant1    | 4500            | -49.93      | 2          | 47.3       | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4500            | -56.2       | 2          | 41.03      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4941            | -45.29      | 2          | 51.94      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -54.16      | 2          | 43.07      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -48.05      | 2          | 49.18      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -54.23      | 2          | 43         | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -46.26      | 2          | 50.97      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -54.03      | 2          | 43.2       | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5379.84         | -44.7       | 2          | 52.53      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350.08         | -54.03      | 2          | 43.2       | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -47.82      | 2          | 49.41      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -55.65      | 2          | 41.58      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -49.83      | 2          | 47.4       | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -56.18      | 2          | 41.05      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4923.5          | -44.74      | 2          | 52.49      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5116            | -54.16      | 2          | 43.07      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -47.65      | 2          | 49.58      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -54.16      | 2          | 43.07      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -48.32      | 2          | 48.91      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -54.08      | 2          | 43.15      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5385.6          | -43.6       | 2          | 53.63      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350.32         | -54.01      | 2          | 43.22      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -49.75      | 2          | 47.48      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -55.55      | 2          | 41.68      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -48.8       | 2          | 48.43      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -55.86      | 2          | 41.37      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4968.66         | -44.89      | 2          | 52.34      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5149.7          | -53.69      | 2          | 43.54      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -48.23      | 2          | 49         | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -53.69      | 2          | 43.54      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -45.61      | 2          | 51.62      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -53.6       | 2          | 43.63      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5354.97         | -43.76      | 2          | 53.47      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350.92         | -53.05      | 2          | 44.18      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -47.74      | 2          | 49.49      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -55.27      | 2          | 41.96      | Average  | 54             | Pass    |



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



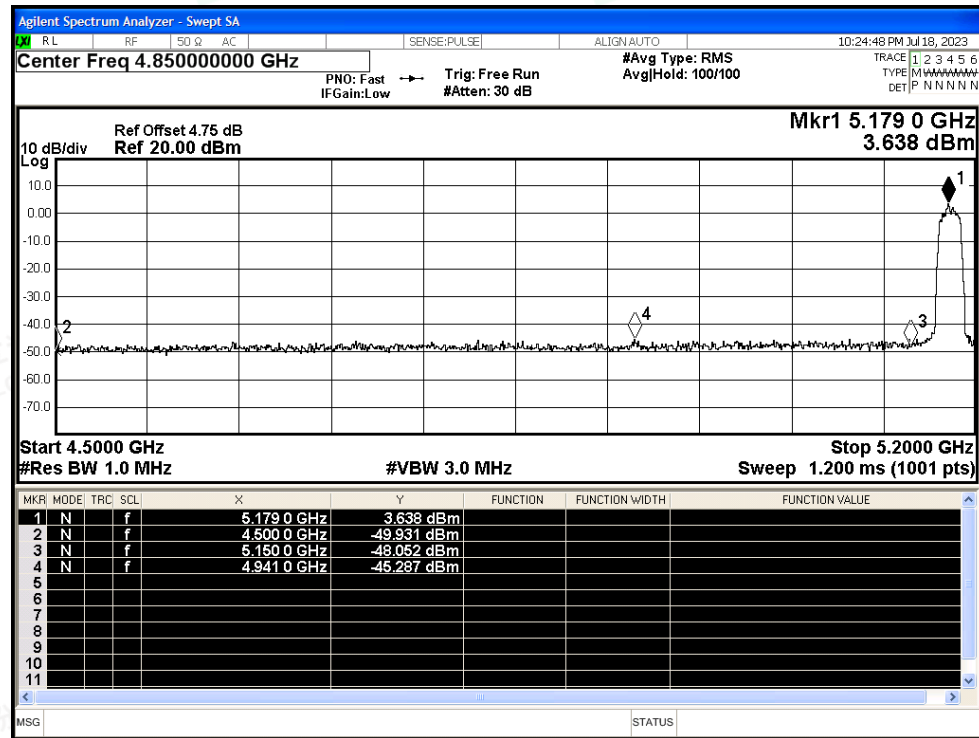
|      |      |      |      |         |        |   |       |         |      |      |
|------|------|------|------|---------|--------|---|-------|---------|------|------|
| NVNT | ac20 | 5180 | Ant1 | 4500    | -48.45 | 2 | 48.78 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 4500    | -56.17 | 2 | 41.06 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -38    | 2 | 59.23 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5149.6  | -45.06 | 2 | 52.17 | Average | 54   | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -37.9  | 2 | 59.33 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 5150    | -44.71 | 2 | 52.52 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -48.41 | 2 | 48.82 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350    | -54.05 | 2 | 43.18 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5364.48 | -44.57 | 2 | 52.66 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5350.08 | -54.05 | 2 | 43.18 | Average | 54   | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -49.57 | 2 | 47.66 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 5460    | -55.62 | 2 | 41.61 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -48.63 | 2 | 48.6  | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 4500    | -55.84 | 2 | 41.39 | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5033.63 | -45.16 | 2 | 52.07 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5149.7  | -53.73 | 2 | 43.5  | Average | 54   | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -48.82 | 2 | 48.41 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5150    | -53.73 | 2 | 43.5  | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -47.34 | 2 | 49.89 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5350    | -53.25 | 2 | 43.98 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5366.31 | -44.92 | 2 | 52.31 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5354.16 | -53.12 | 2 | 44.11 | Average | 54   | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -49.85 | 2 | 47.38 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5460    | -55.3  | 2 | 41.93 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -42.88 | 2 | 54.35 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5350    | -50.32 | 2 | 46.91 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5354.73 | -41.39 | 2 | 55.84 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5351.76 | -50.21 | 2 | 47.02 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -48.34 | 2 | 48.89 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5460    | -54.71 | 2 | 42.52 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -48.64 | 2 | 48.59 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4500    | -55.82 | 2 | 41.41 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 4789.14 | -45.23 | 2 | 52    | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5149.38 | -52.51 | 2 | 44.72 | Average | 54   | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -47.4  | 2 | 49.83 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5150    | -52.71 | 2 | 44.52 | Average | 54   | Pass |



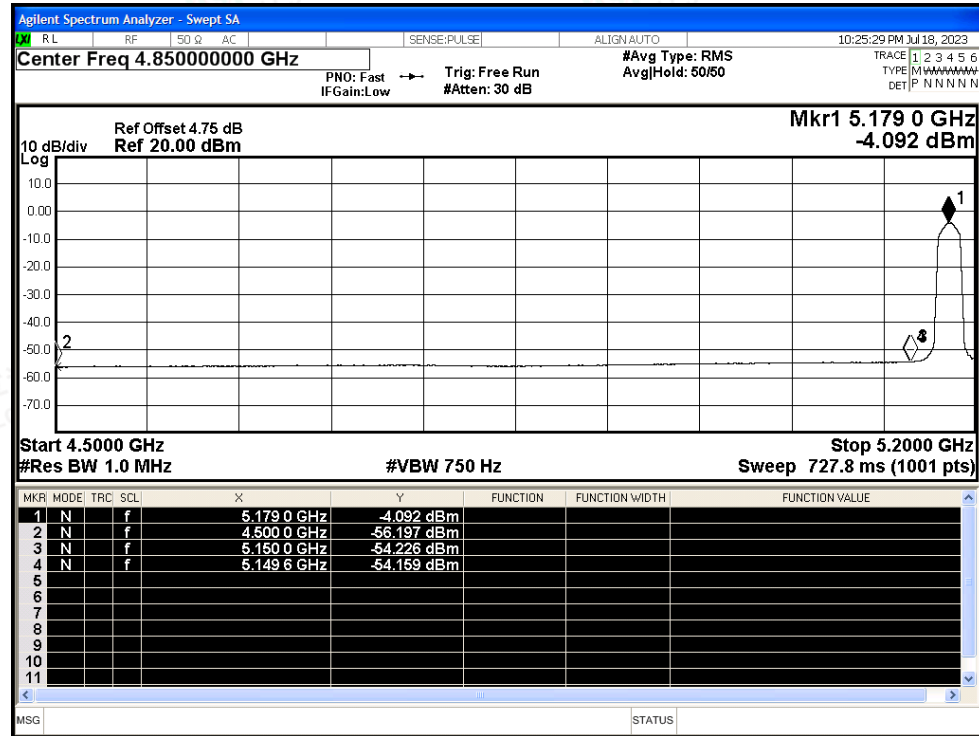


## Test Graphs

## Restrict Band NVNT a 5180MHz Ant1 Peak

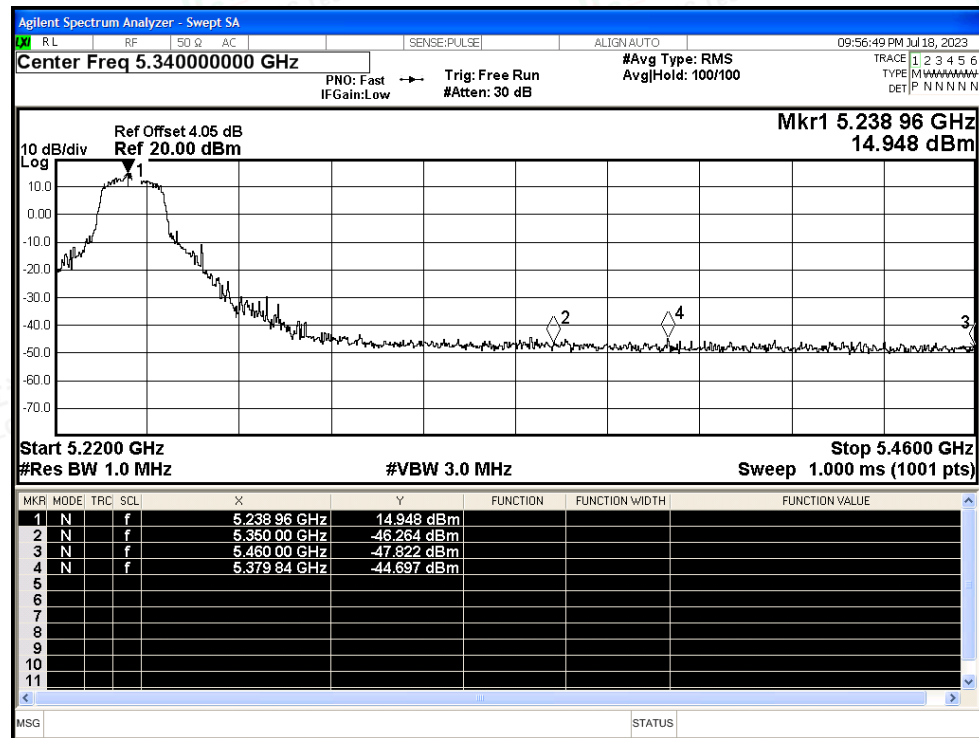


## Restrict Band NVNT a 5180MHz Ant1 Average

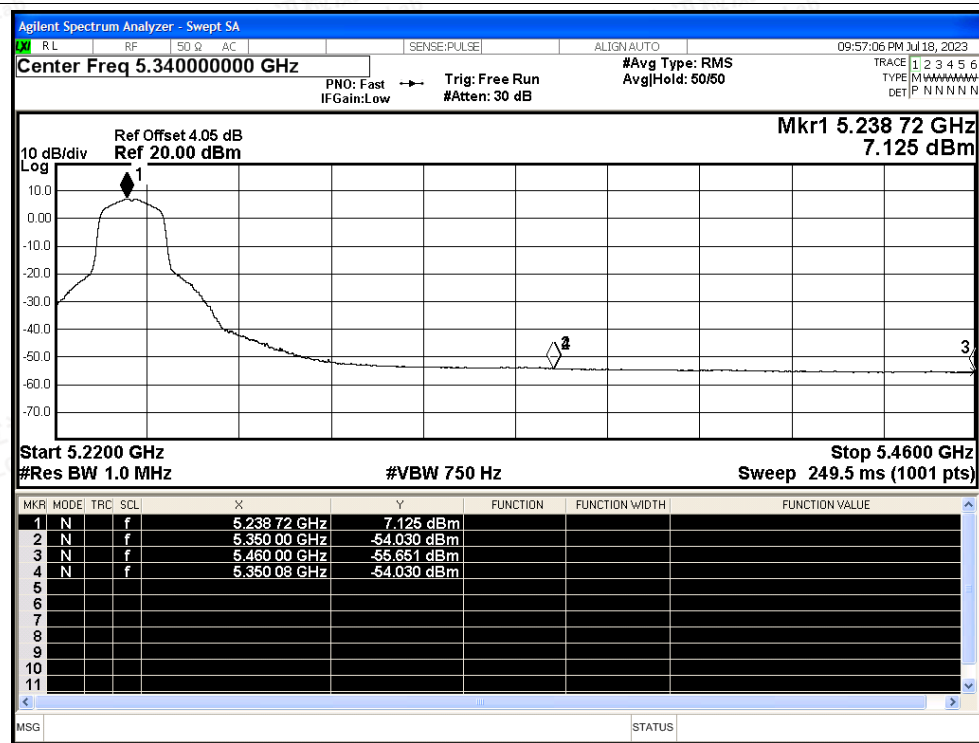




## Restrict Band NVNT a 5240MHz Ant1 Peak

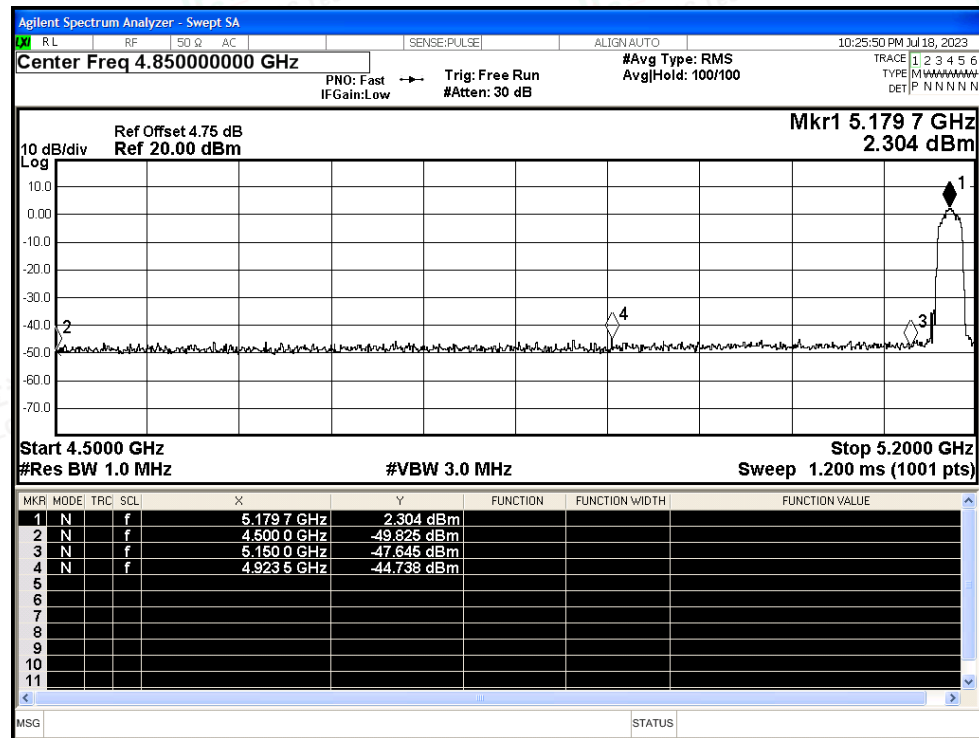


## Restrict Band NVNT a 5240MHz Ant1 Average

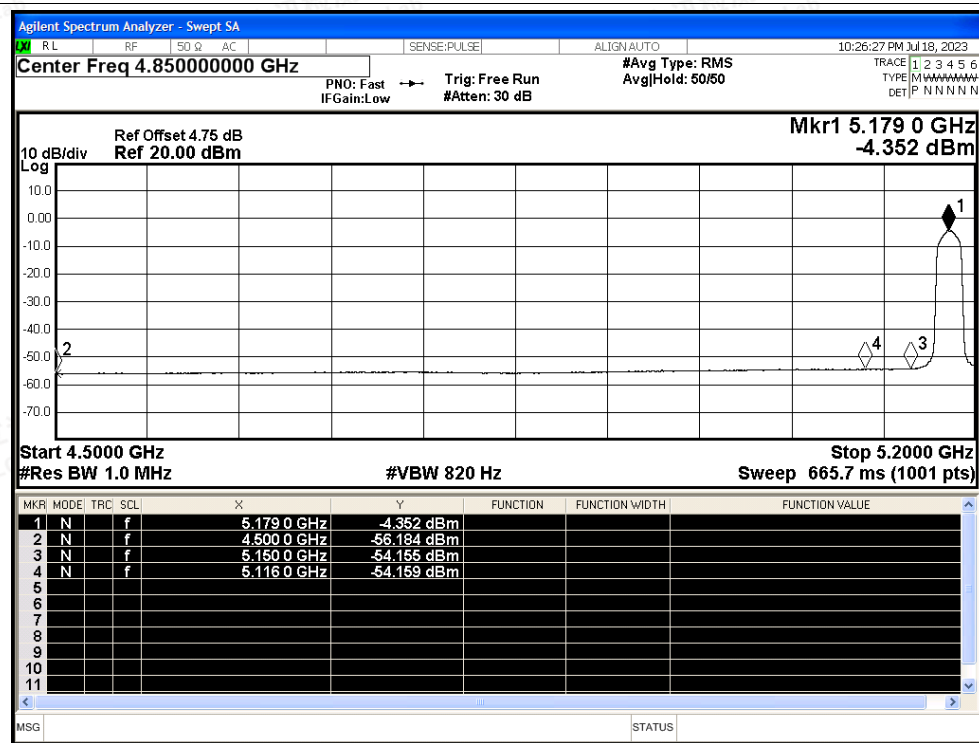




## Restrict Band NVNT n20 5180MHz Ant1 Peak



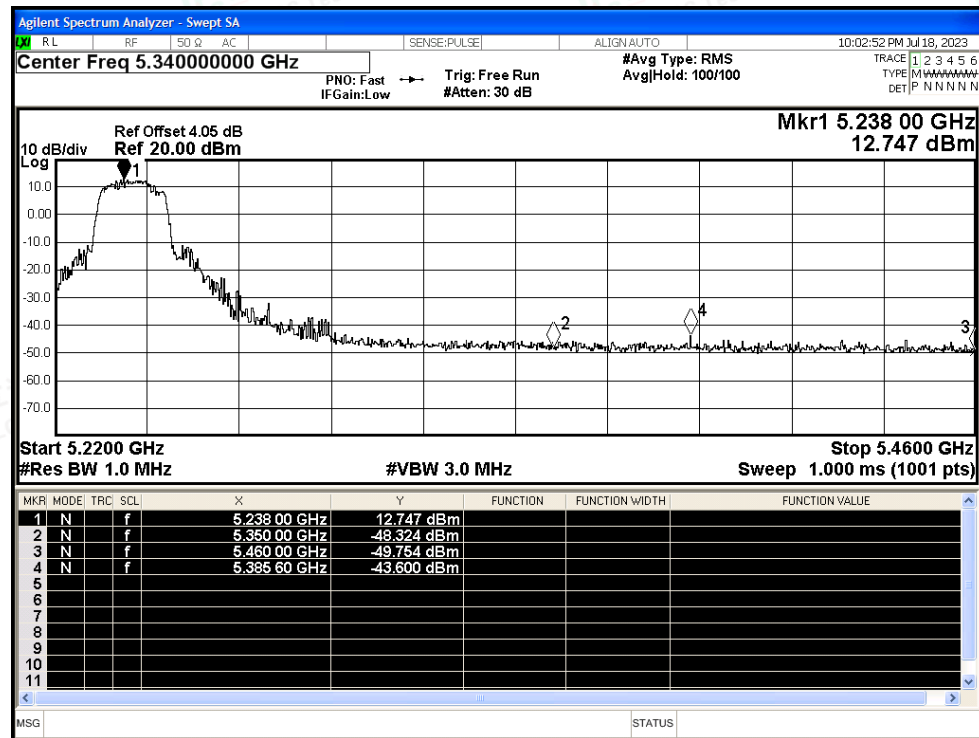
## Restrict Band NVNT n20 5180MHz Ant1 Average



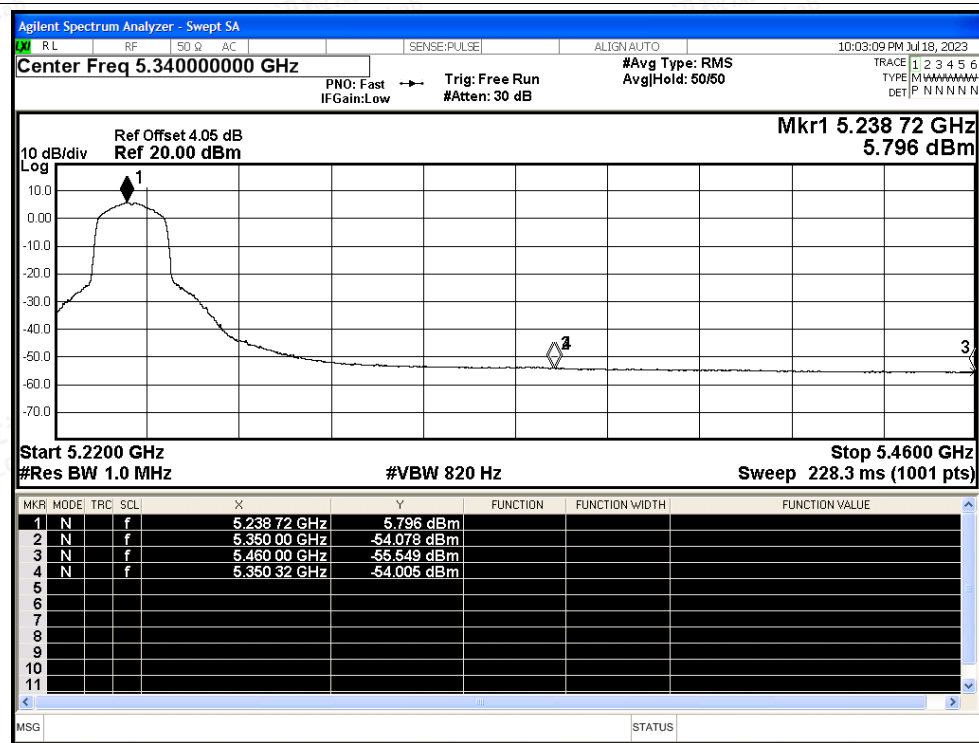




## Restrict Band NVNT n20 5240MHz Ant1 Peak



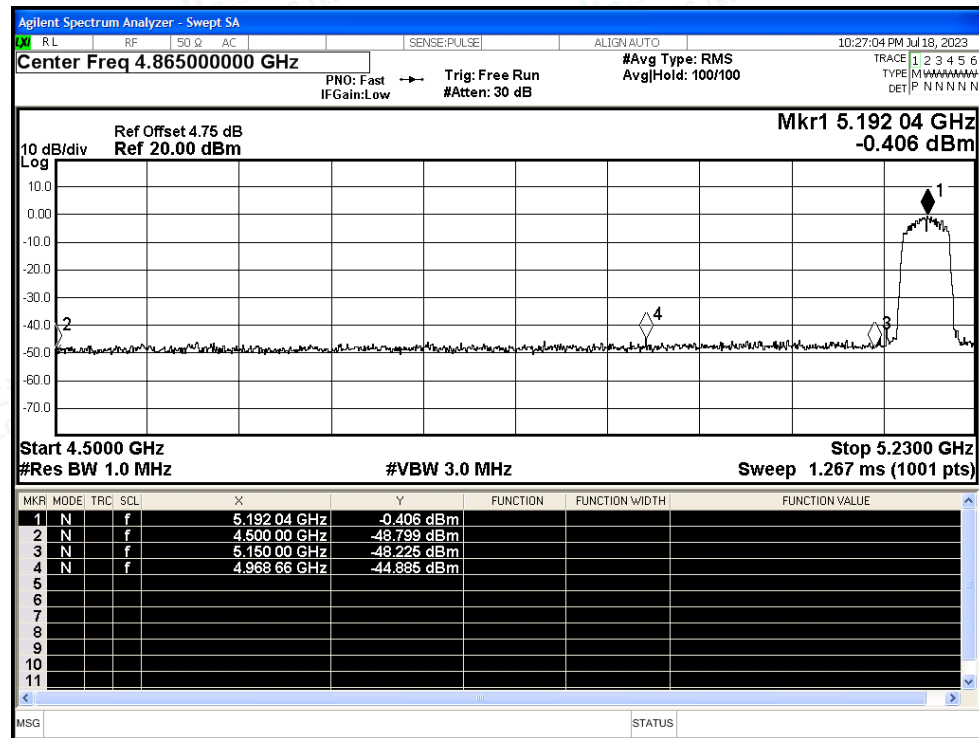
## Restrict Band NVNT n20 5240MHz Ant1 Average



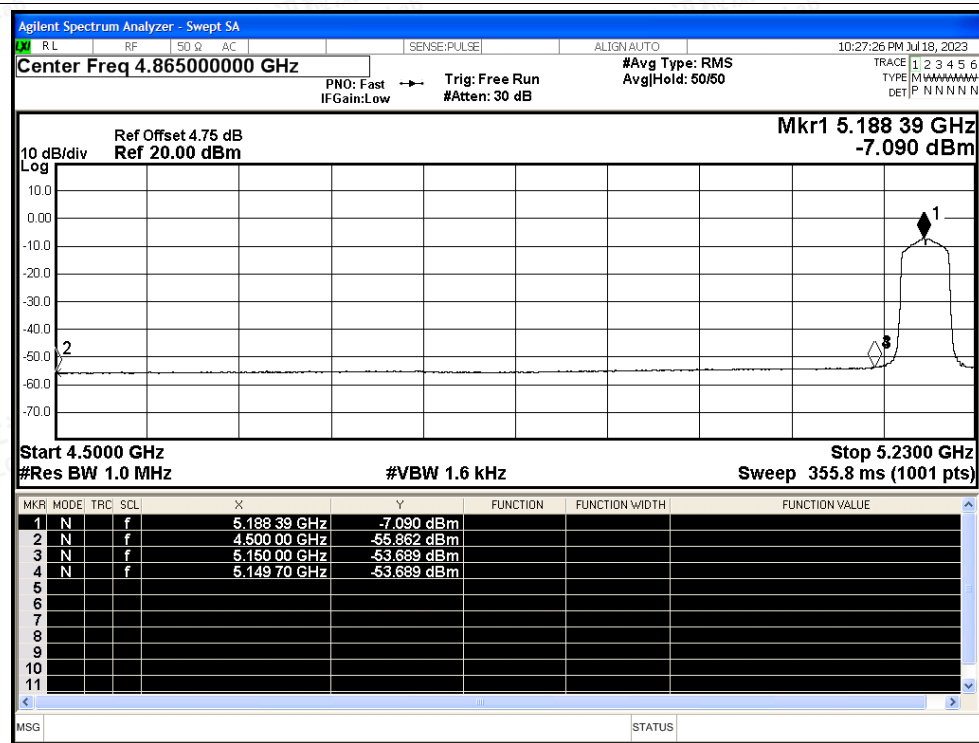




## Restrict Band NVNT n40 5190MHz Ant1 Peak

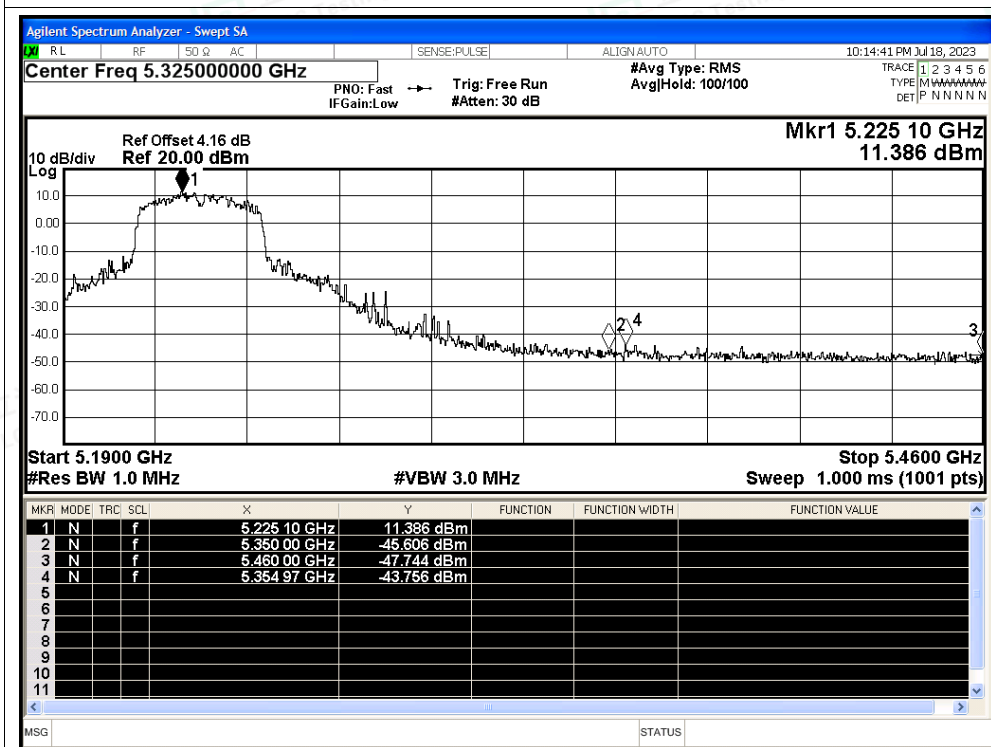


## Restrict Band NVNT n40 5190MHz Ant1 Average

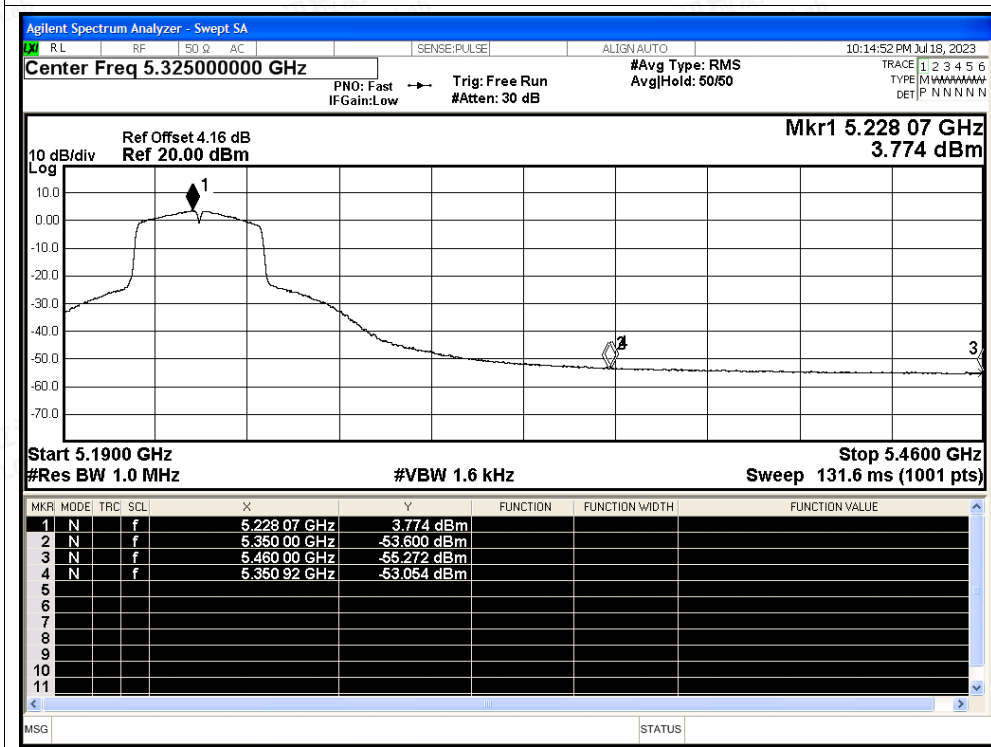




## Restrict Band NVNT n40 5230MHz Ant1 Peak

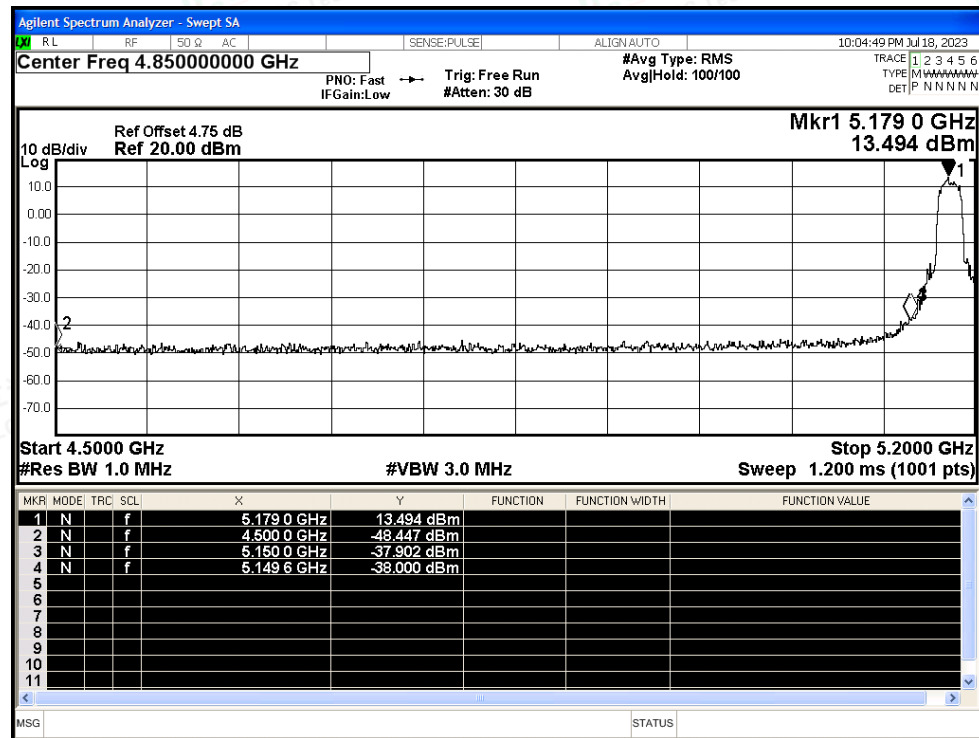


## Restrict Band NVNT n40 5230MHz Ant1 Average

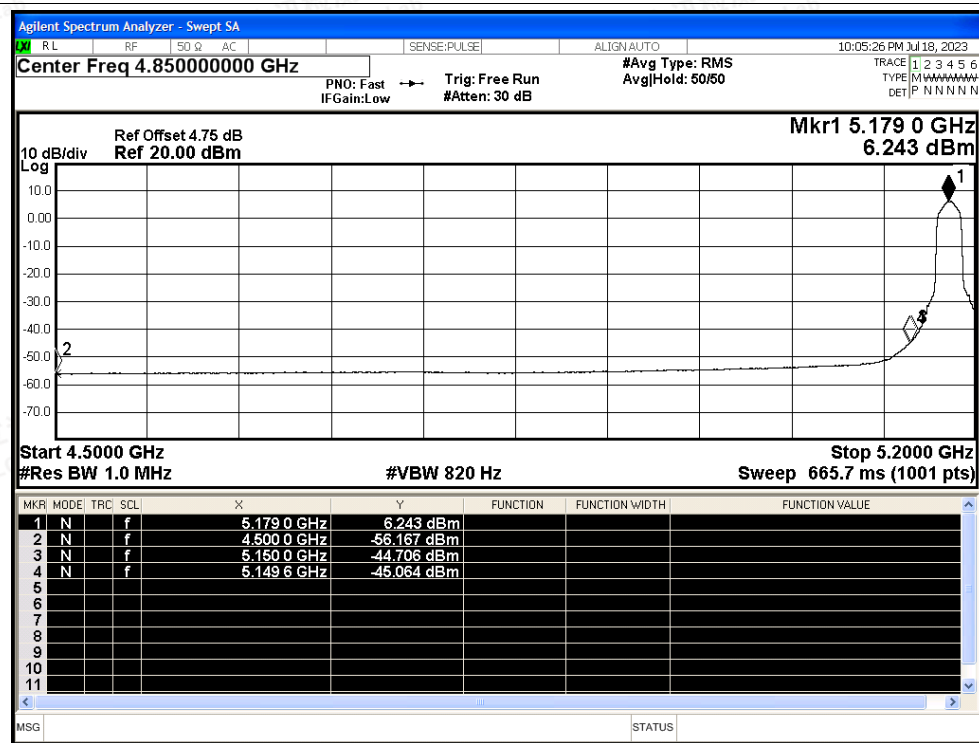




## Restrict Band NVNT ac20 5180MHz Ant1 Peak

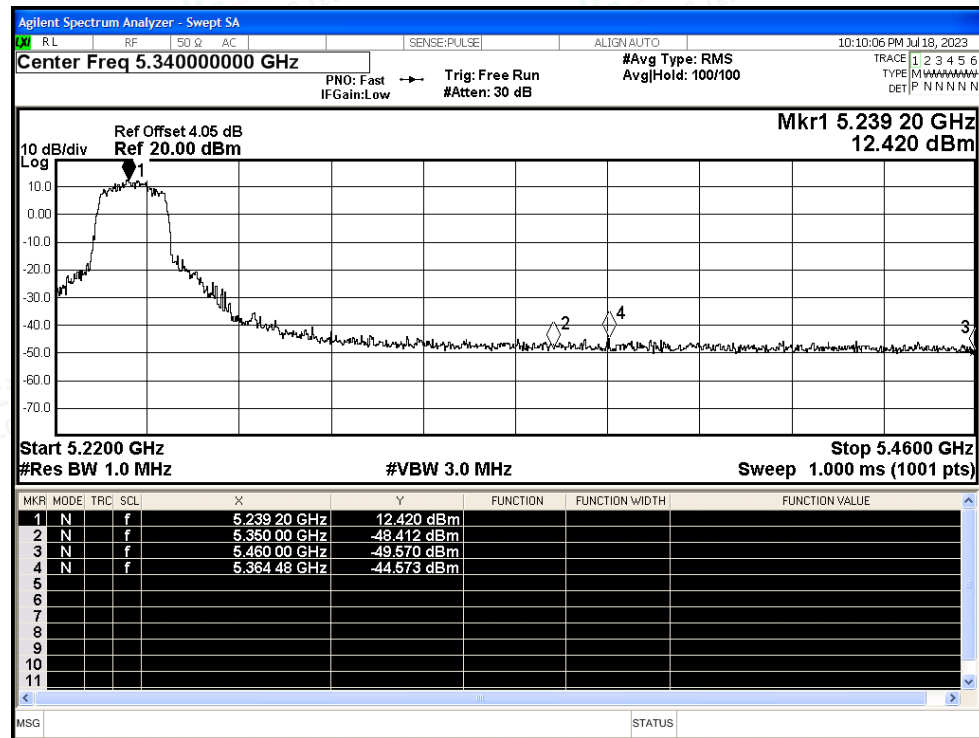


## Restrict Band NVNT ac20 5180MHz Ant1 Average

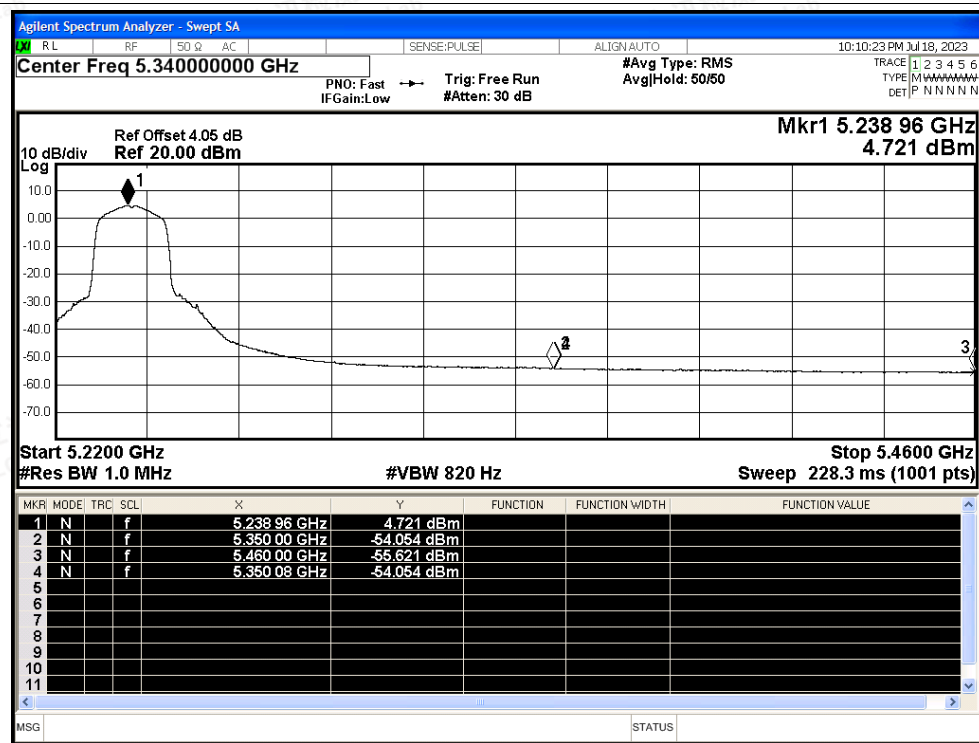




## Restrict Band NVNT ac20 5240MHz Ant1 Peak

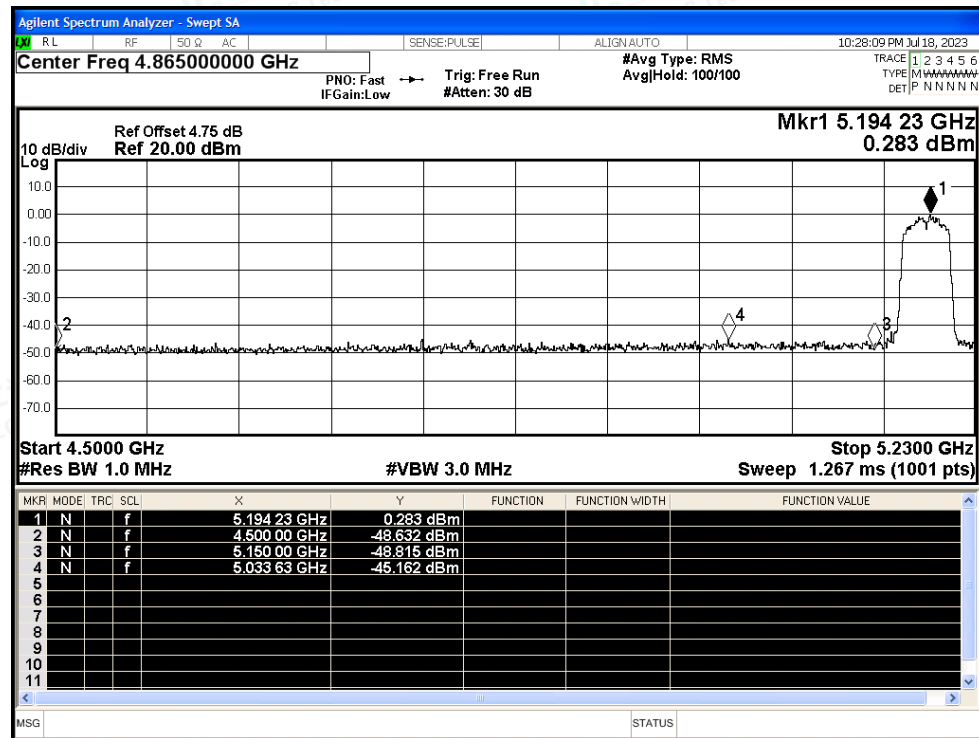


## Restrict Band NVNT ac20 5240MHz Ant1 Average

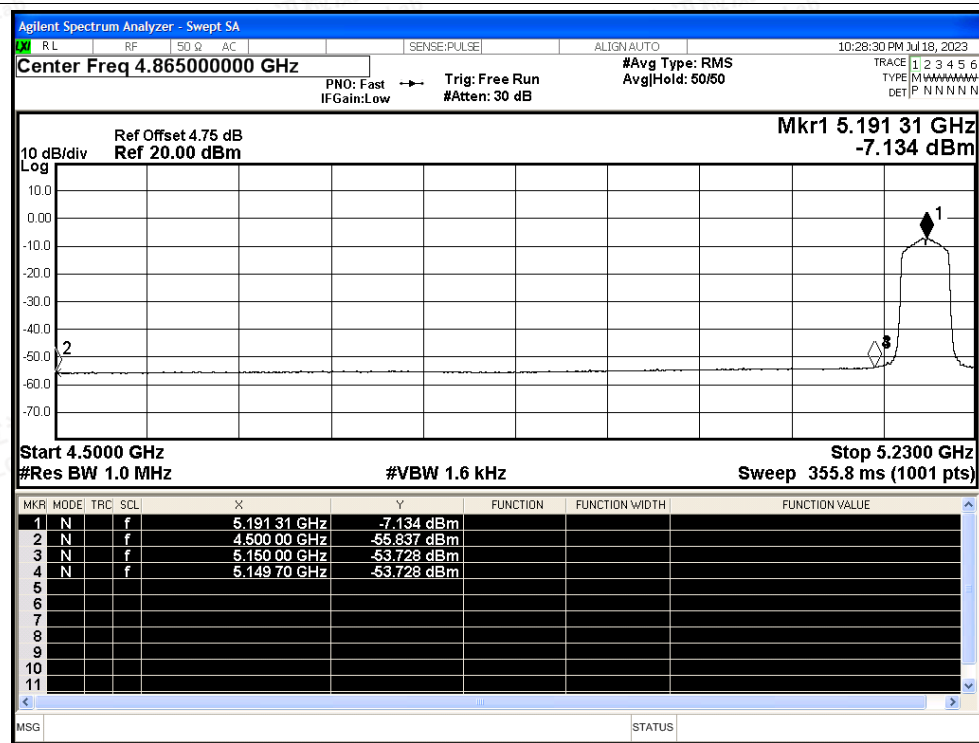




## Restrict Band NVNT ac40 5190MHz Ant1 Peak

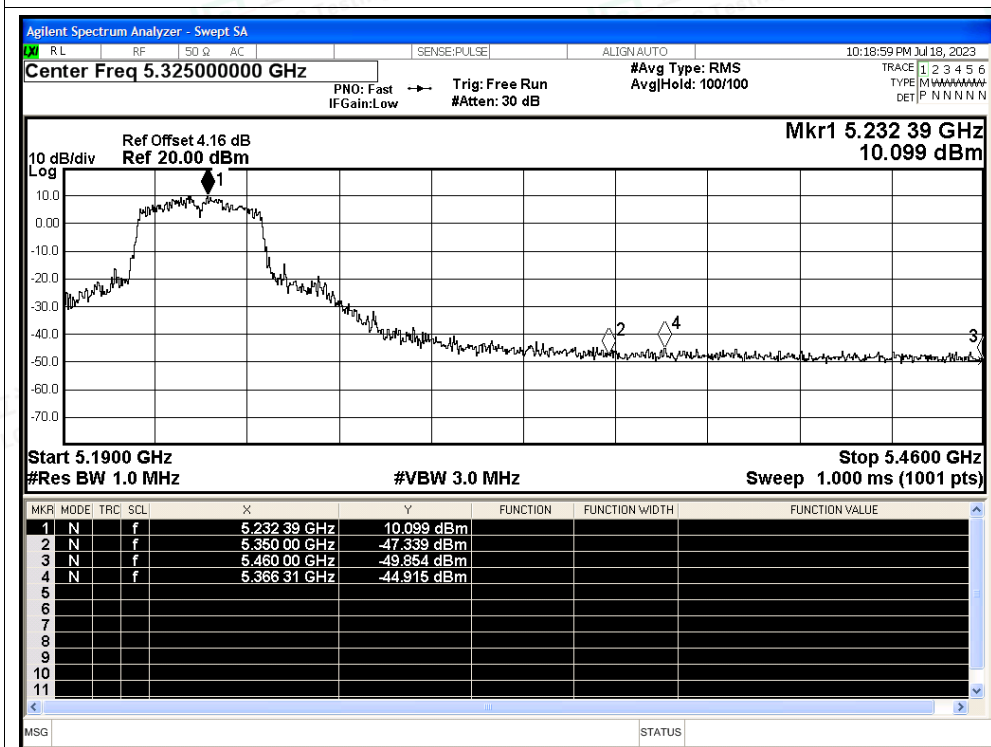


## Restrict Band NVNT ac40 5190MHz Ant1 Average

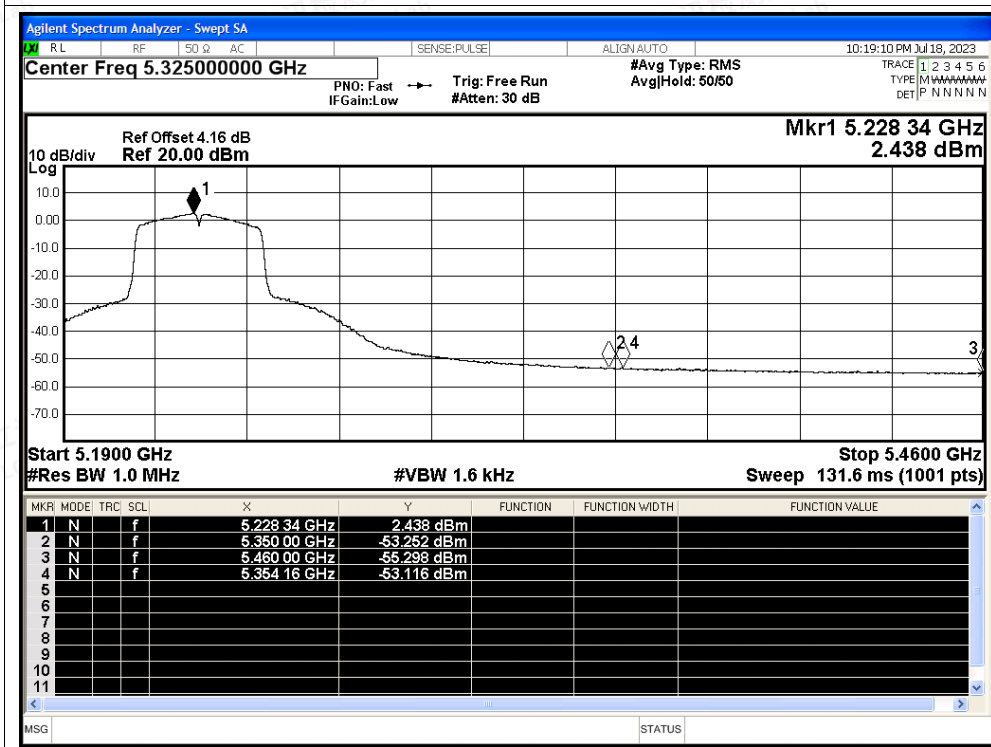




## Restrict Band NVNT ac40 5230MHz Ant1 Peak

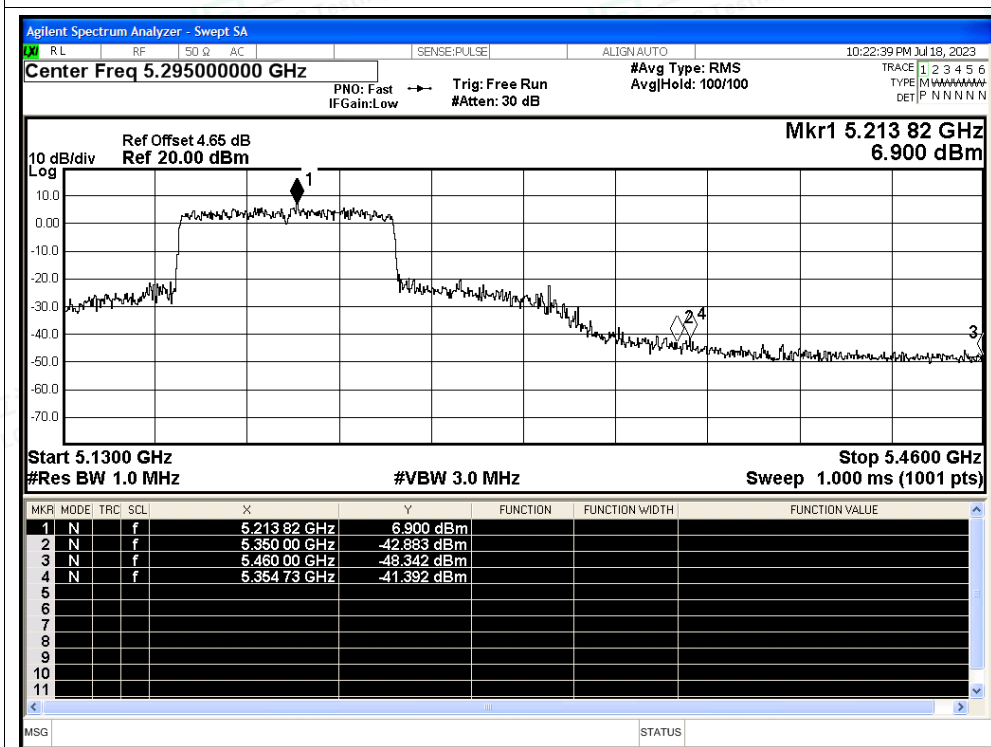


## Restrict Band NVNT ac40 5230MHz Ant1 Average

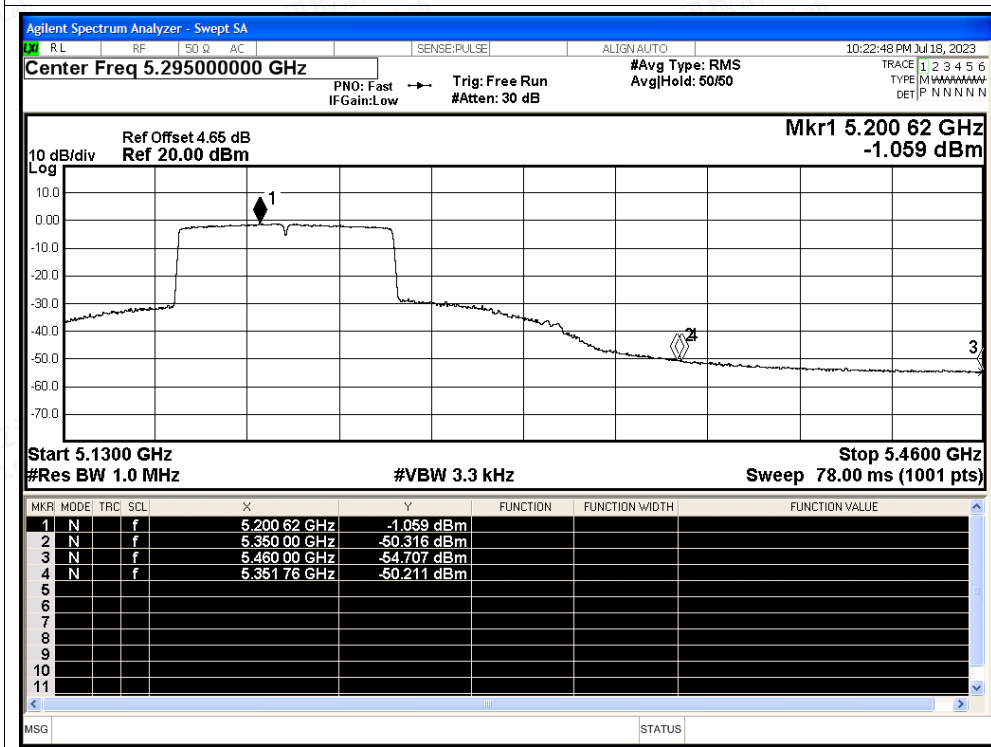




## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

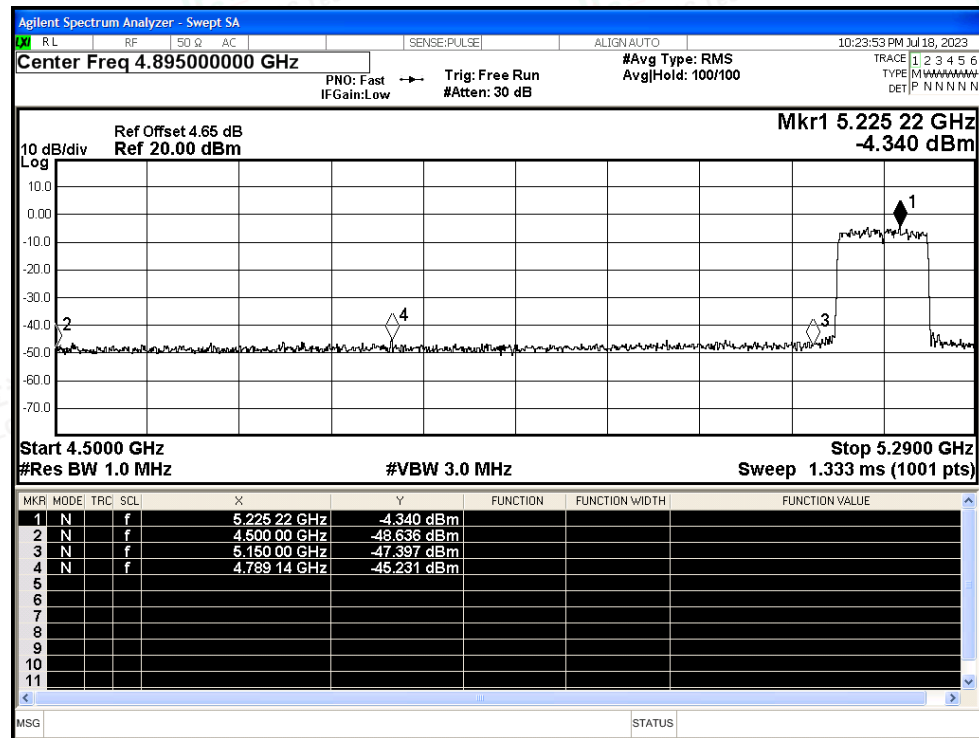
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

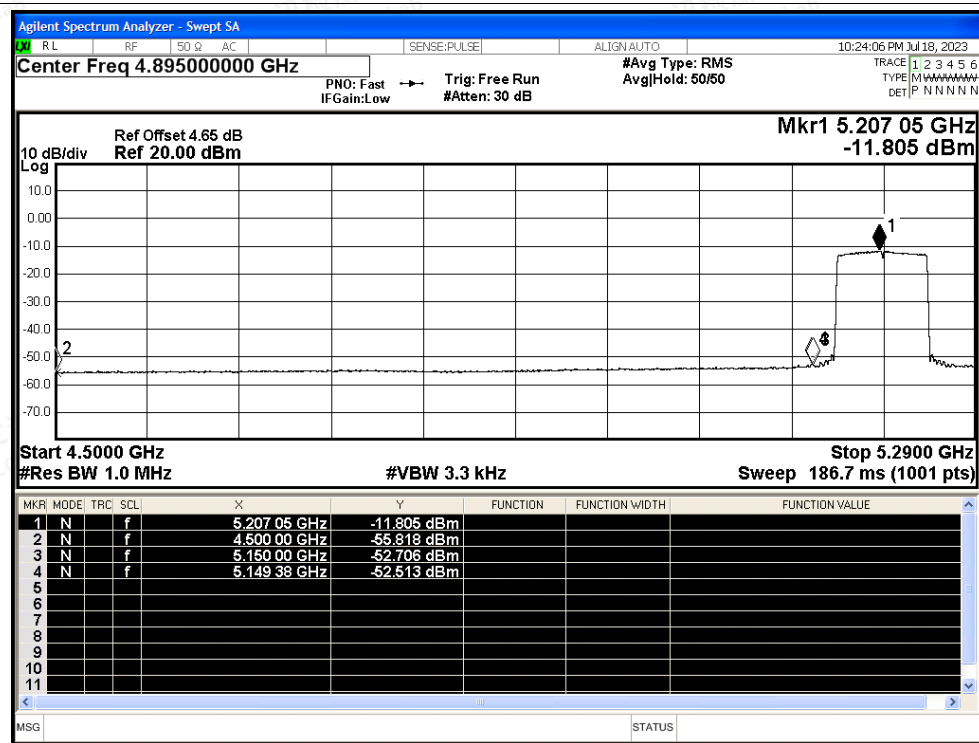




## Restrict Band NVNT ac80 5210MHz Ant1 Peak



## Restrict Band NVNT ac80 5210MHz Ant1 Average







## D.5 Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | n40  | 5190            | Ant1    | 5189.96                  | -40000               | -7.71           | 25          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5229.96                  | -40000               | -7.65           | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5180.02                  | 20000                | 3.86            | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 5200.04                  | 40000                | 7.69            | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 5190                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 5229.96                  | -40000               | -7.65           | 25          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 5210                     | 0                    | 0               | 25          | Pass    |

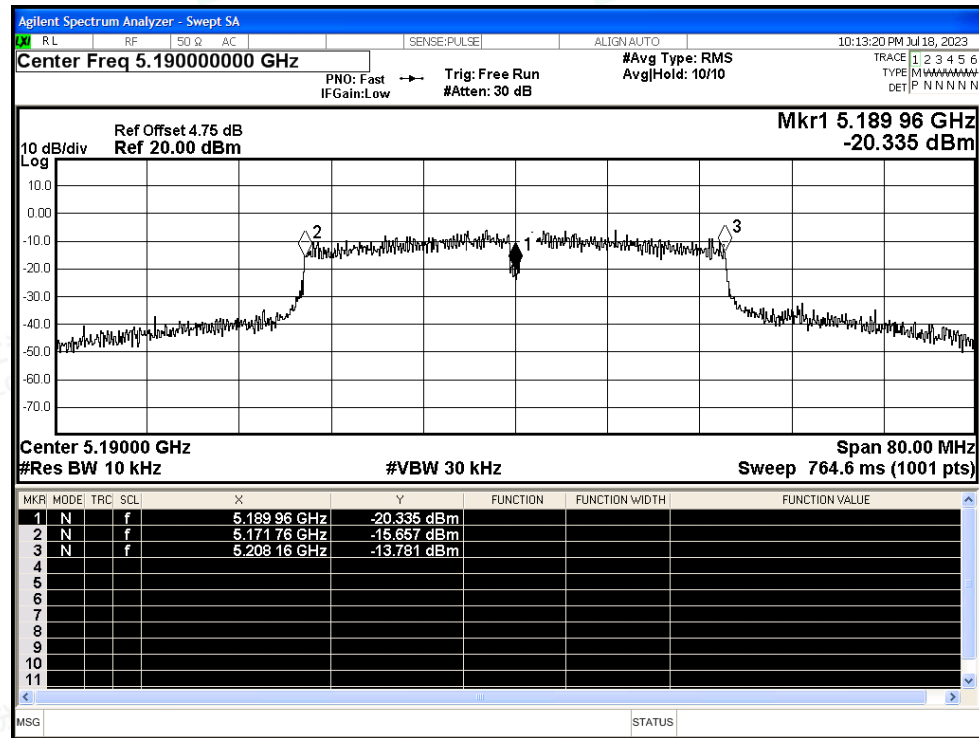


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

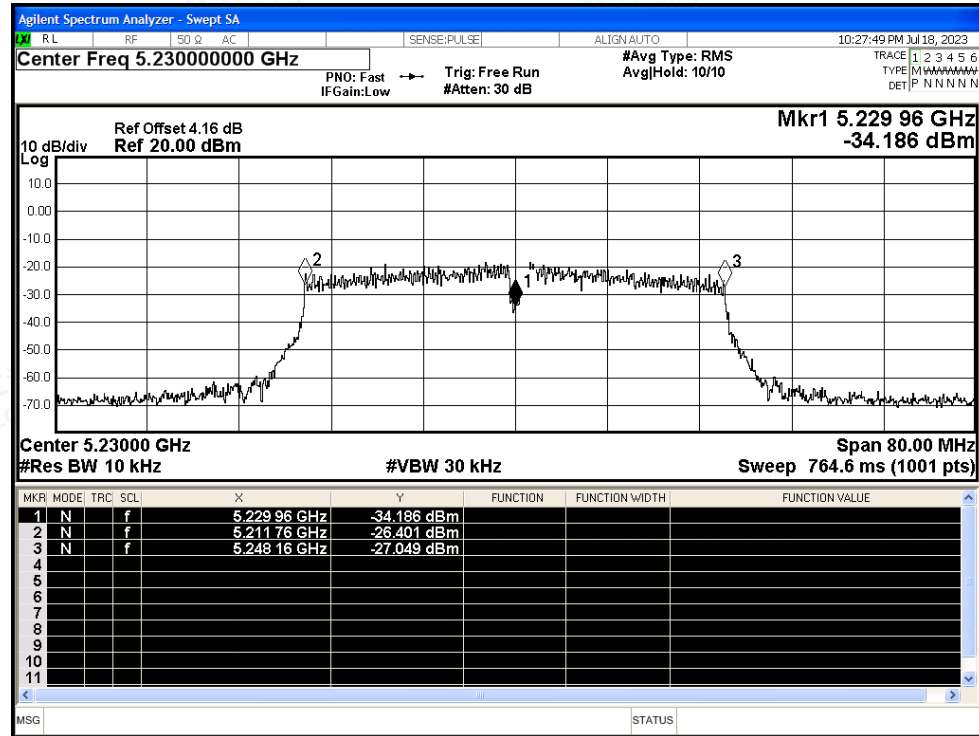


## Test Graphs

## Freq. Stability NVNT n40 5190MHz Ant1

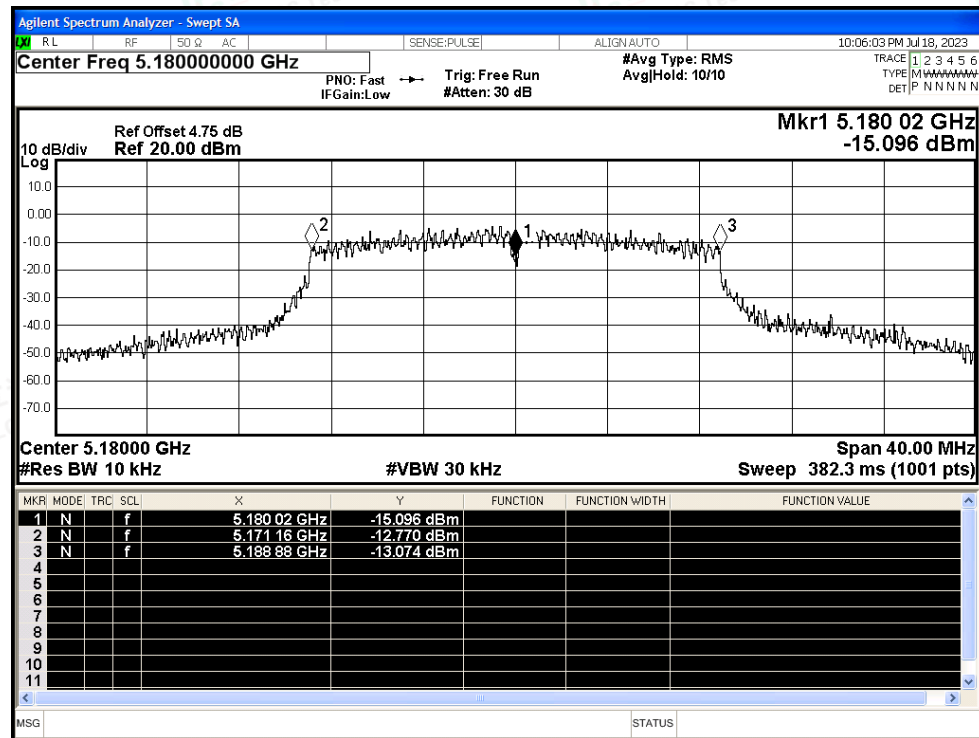


## Freq. Stability NVNT n40 5230MHz Ant1

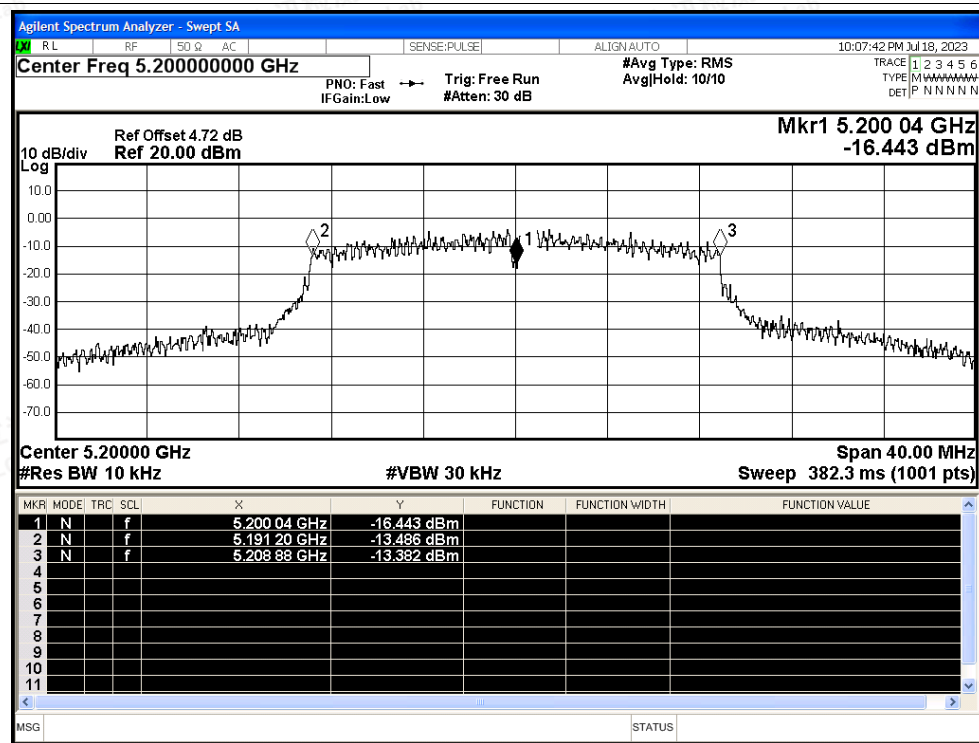




## Freq. Stability NVNT ac20 5180MHz Ant1

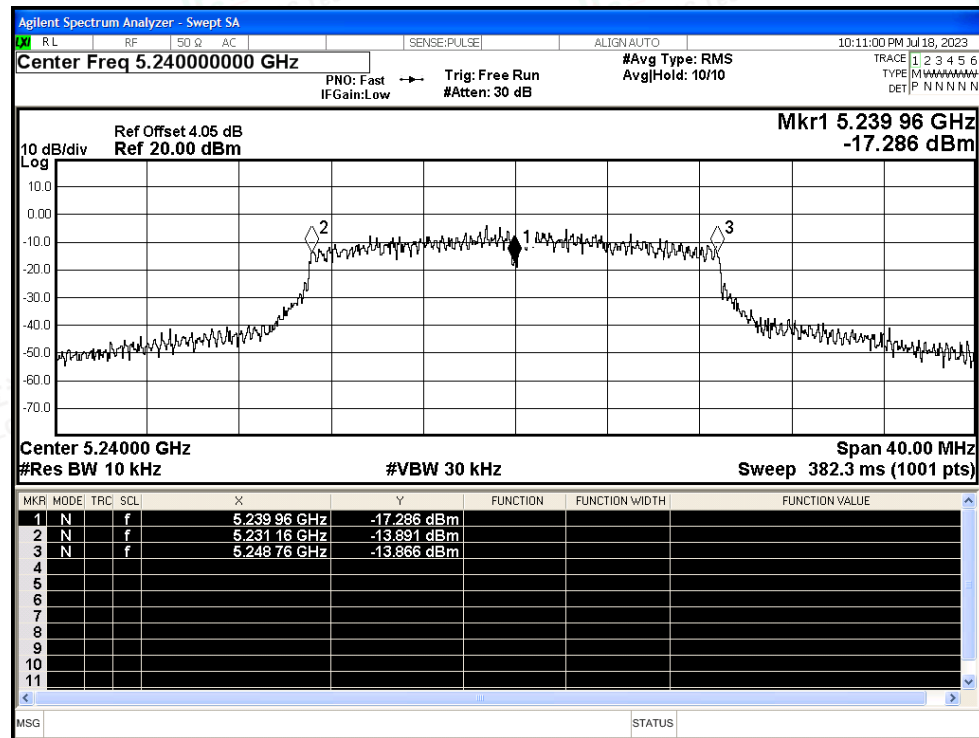


## Freq. Stability NVNT ac20 5200MHz Ant1

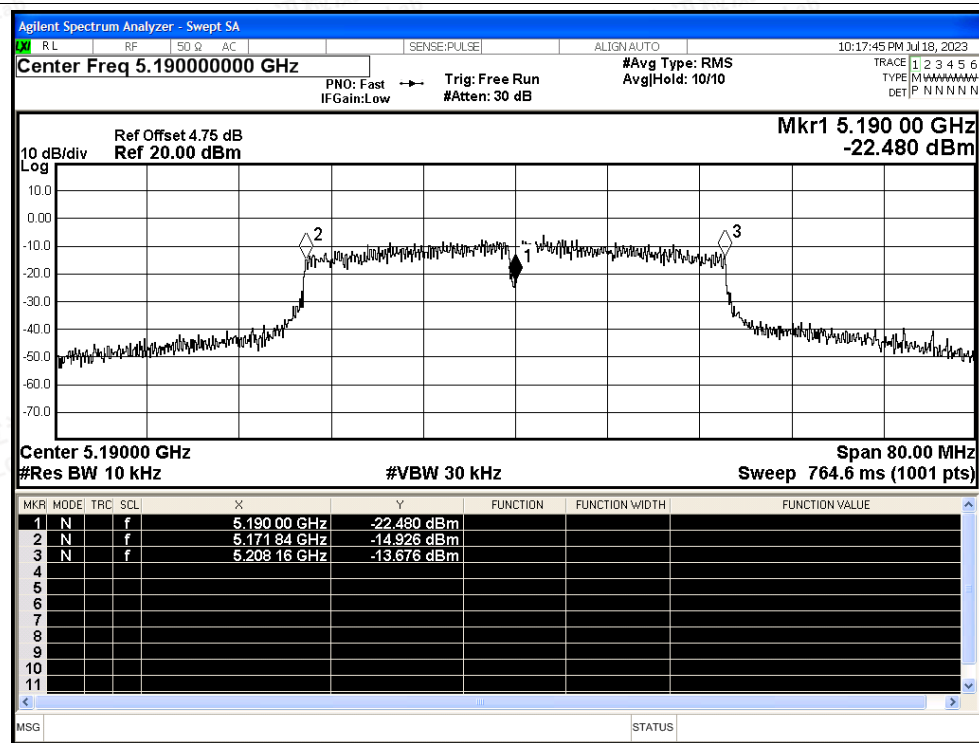




## Freq. Stability NVNT ac20 5240MHz Ant1

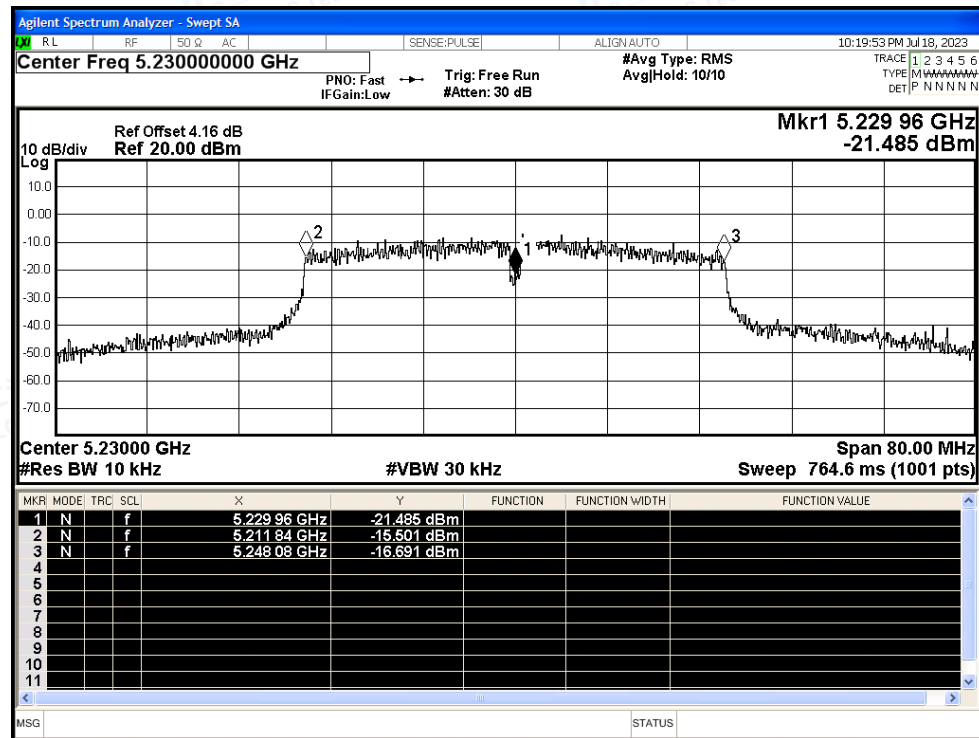


## Freq. Stability NVNT ac40 5190MHz Ant1

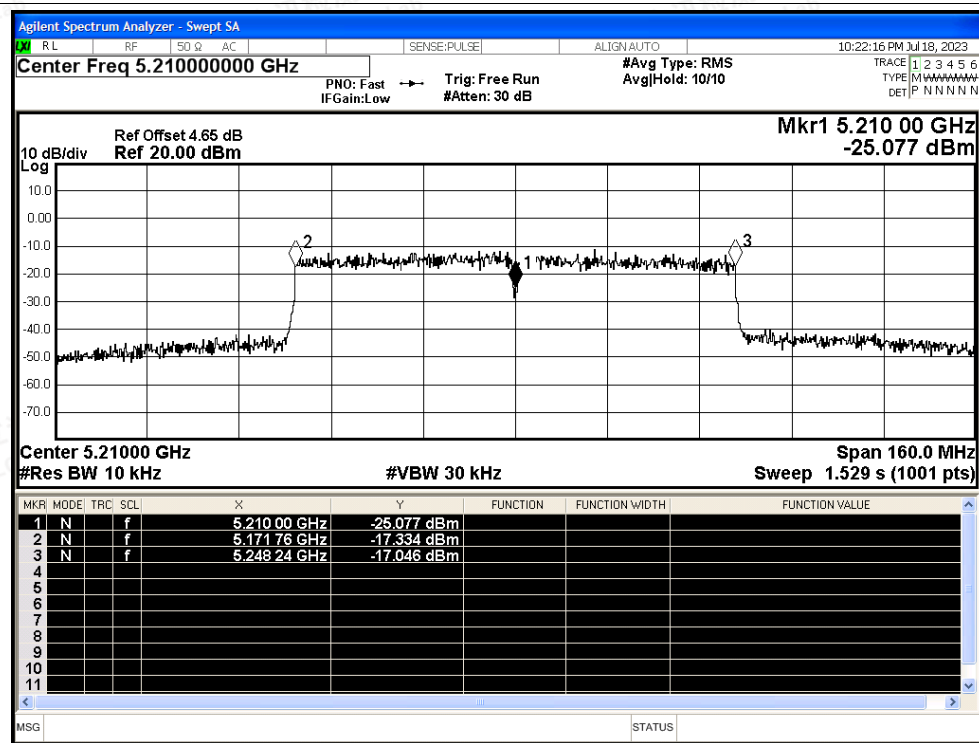




## Freq. Stability NVNT ac40 5230MHz Ant1



## Freq. Stability NVNT ac80 5210MHz Ant1





## D.6 Duty Cycle

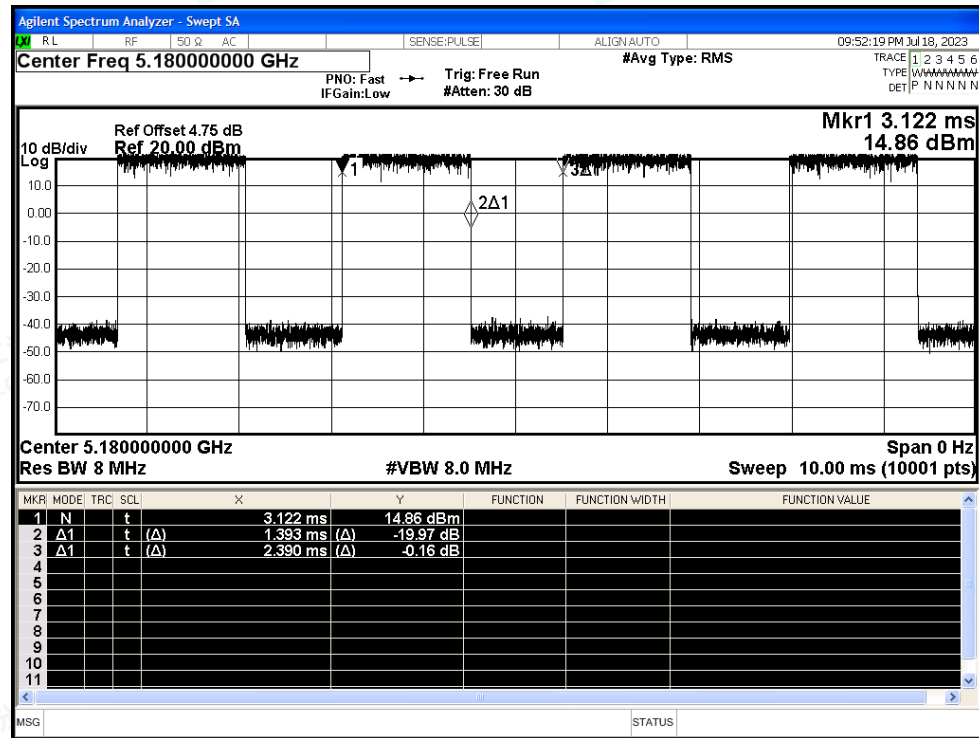
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 58.28          | 2.34                   | 0.72      |
| NVNT      | a    | 5200            | Ant1    | 58.24          | 2.35                   | 0.72      |
| NVNT      | a    | 5240            | Ant1    | 57.63          | 2.39                   | 0.72      |
| NVNT      | n20  | 5180            | Ant1    | 53.28          | 2.73                   | 0.77      |
| NVNT      | n20  | 5200            | Ant1    | 56.84          | 2.45                   | 0.77      |
| NVNT      | n20  | 5240            | Ant1    | 54.89          | 2.61                   | 0.77      |
| NVNT      | n40  | 5190            | Ant1    | 39.5           | 4.03                   | 1.55      |
| NVNT      | n40  | 5230            | Ant1    | 39.5           | 4.03                   | 1.55      |
| NVNT      | ac20 | 5180            | Ant1    | 55.02          | 2.59                   | 0.76      |
| NVNT      | ac20 | 5200            | Ant1    | 57.39          | 2.41                   | 0.76      |
| NVNT      | ac20 | 5240            | Ant1    | 55.05          | 2.59                   | 0.76      |
| NVNT      | ac40 | 5190            | Ant1    | 39.73          | 4.01                   | 1.53      |
| NVNT      | ac40 | 5230            | Ant1    | 38.32          | 4.17                   | 1.53      |
| NVNT      | ac80 | 5210            | Ant1    | 22.39          | 6.5                    | 3.09      |



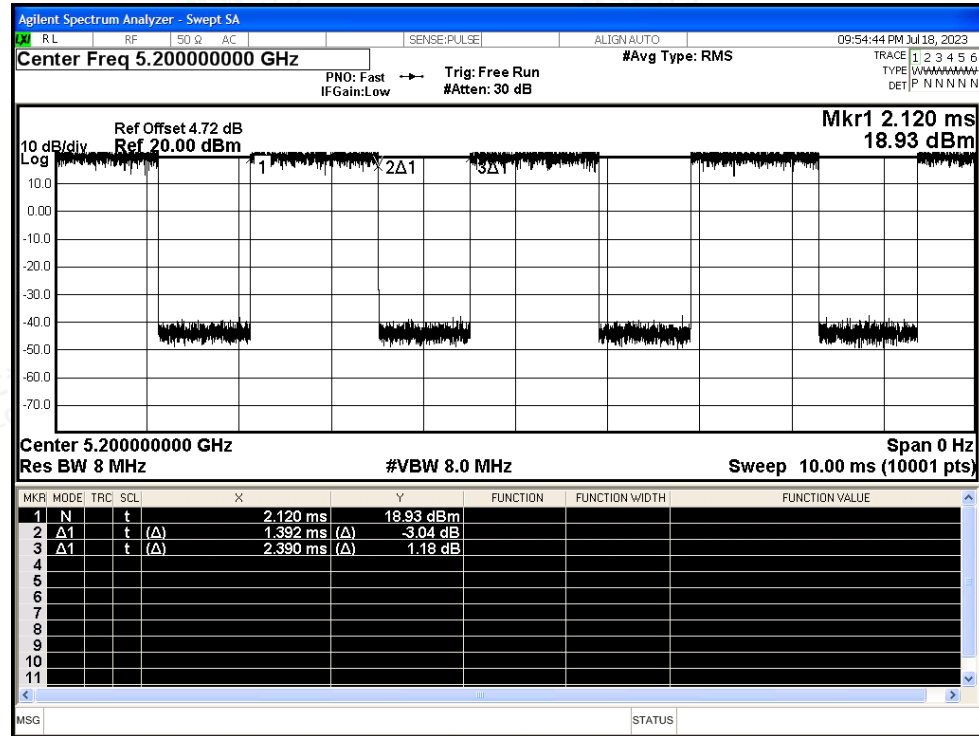


## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1



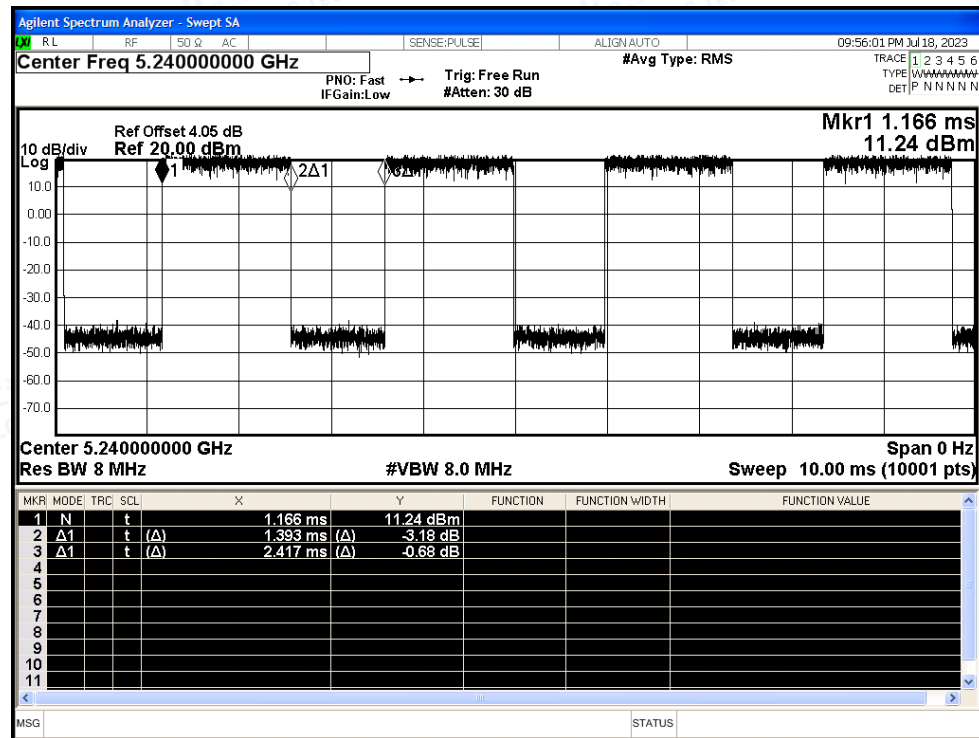
## Duty Cycle NVNT a 5200MHz Ant1



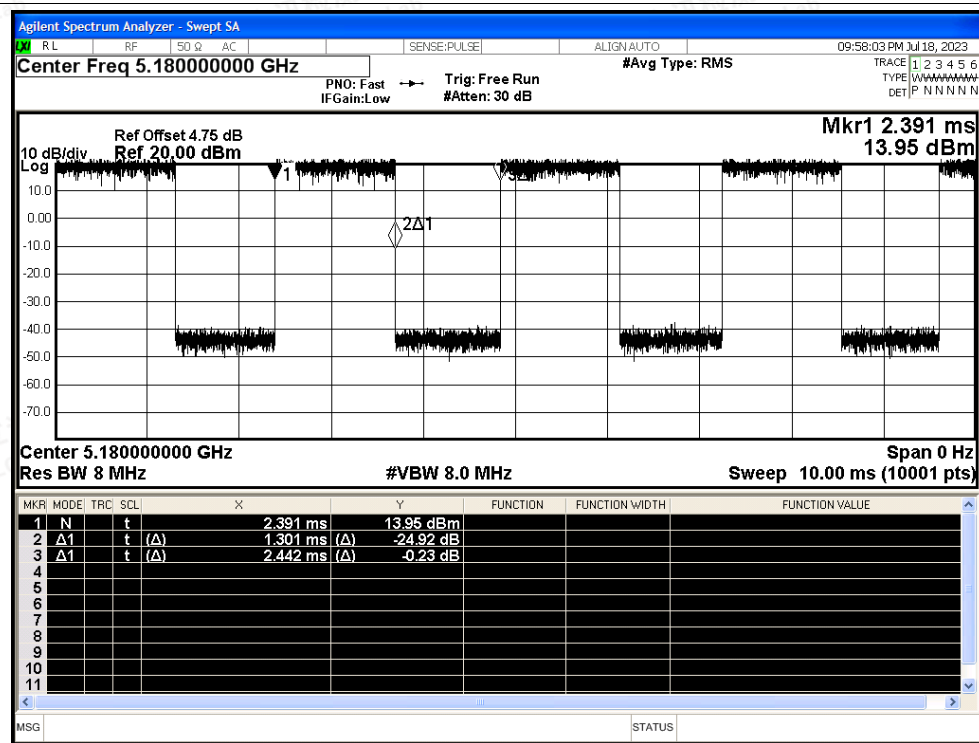




## Duty Cycle NVNT a 5240MHz Ant1

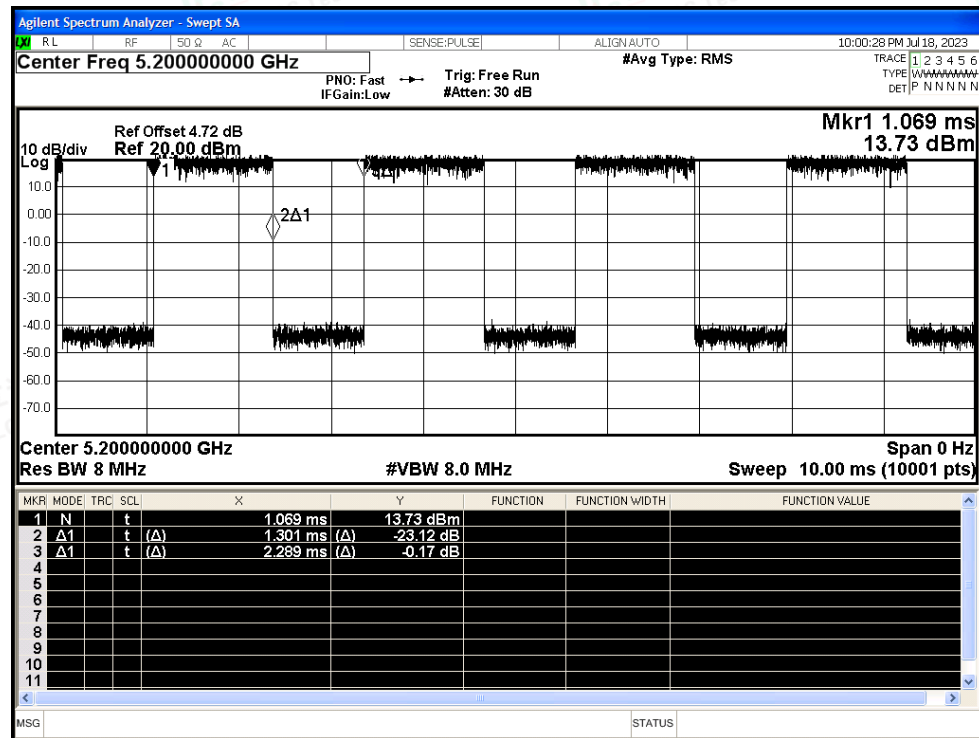


## Duty Cycle NVNT n20 5180MHz Ant1

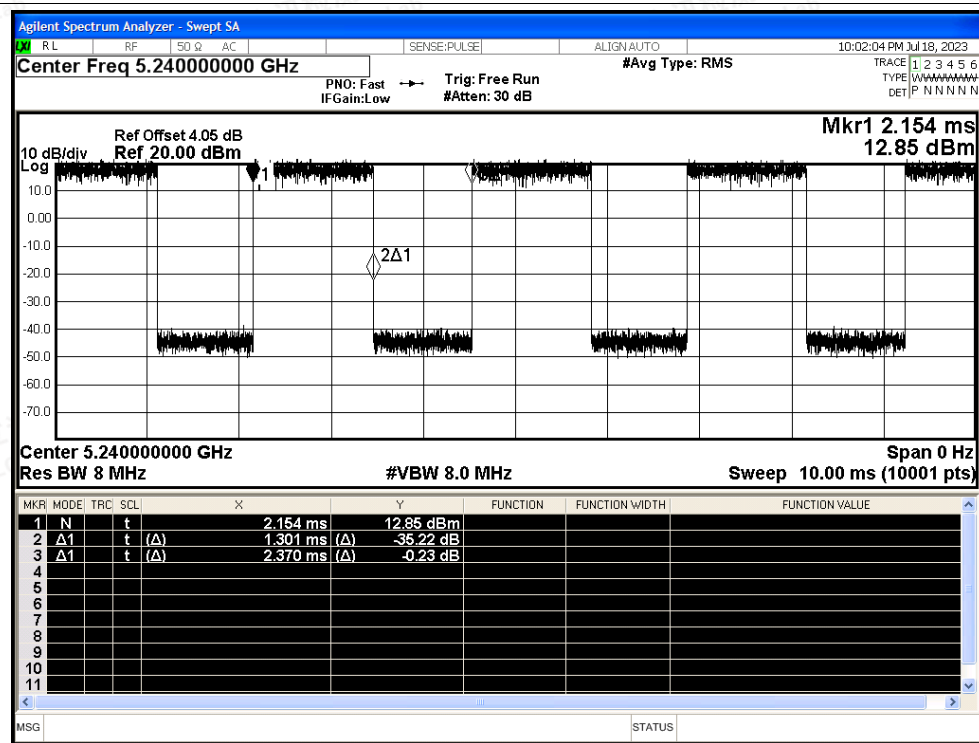




## Duty Cycle NVNT n20 5200MHz Ant1

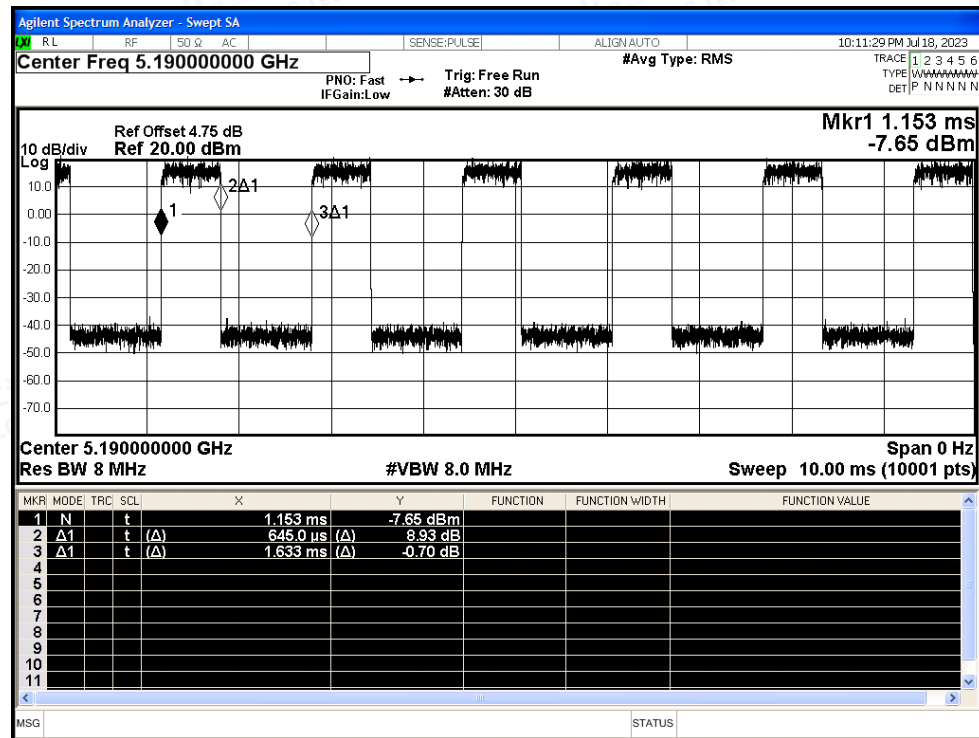


## Duty Cycle NVNT n20 5240MHz Ant1

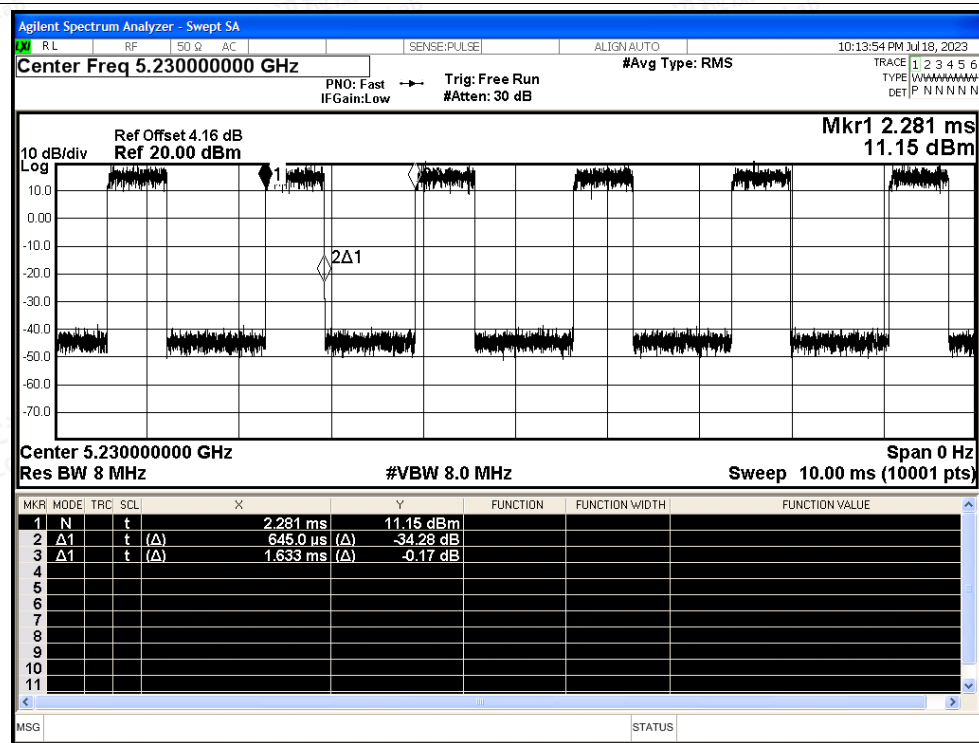




## Duty Cycle NVNT n40 5190MHz Ant1

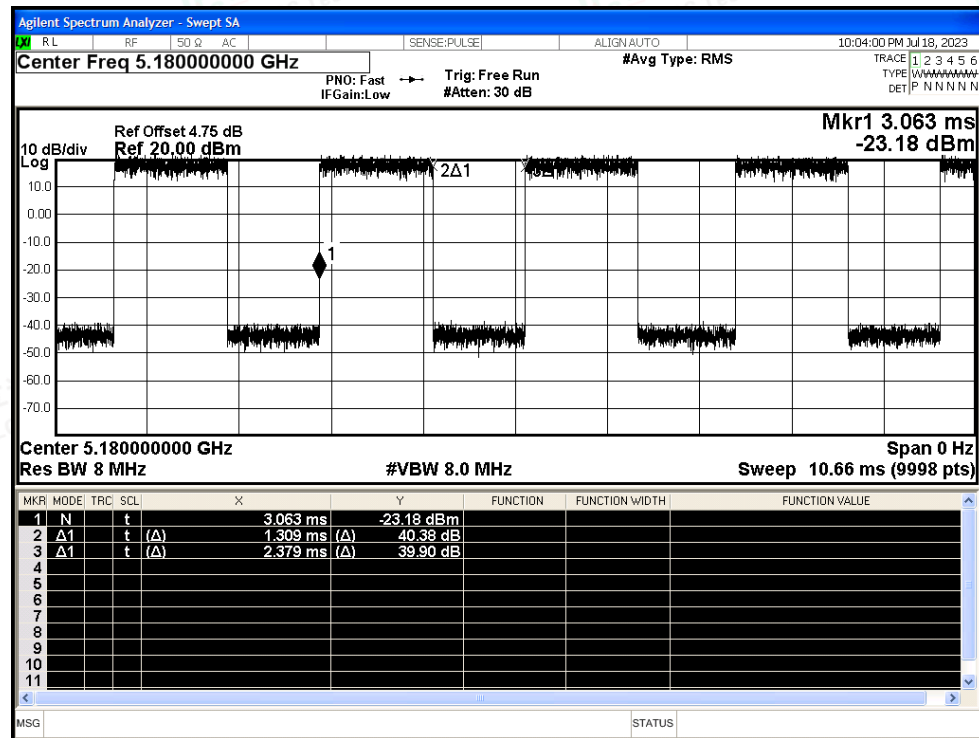


## Duty Cycle NVNT n40 5230MHz Ant1

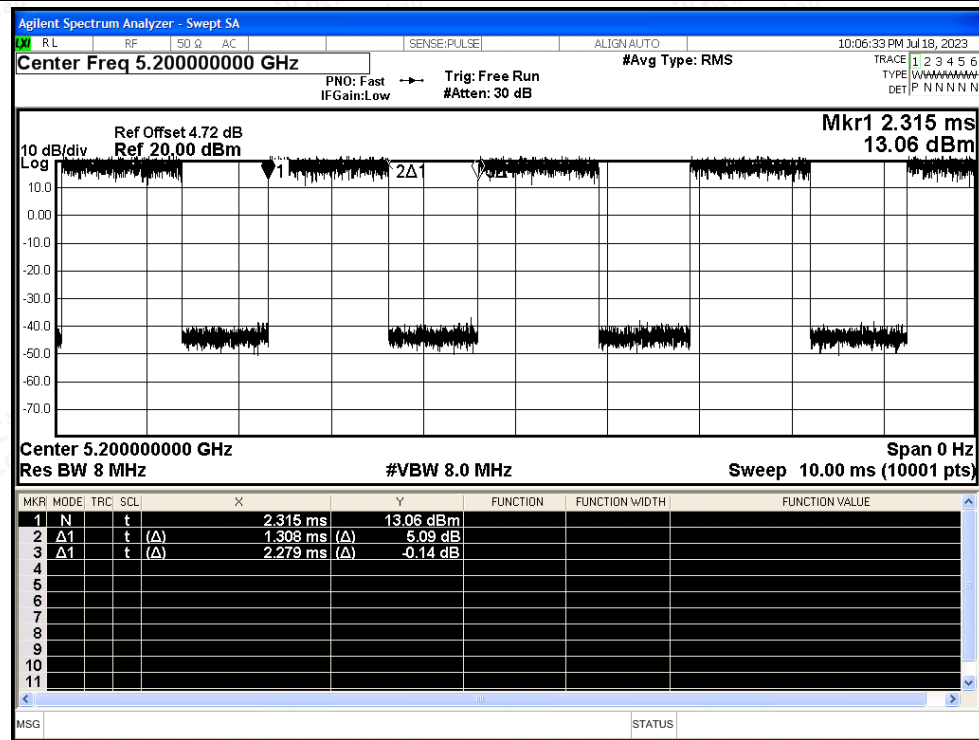




## Duty Cycle NVNT ac20 5180MHz Ant1

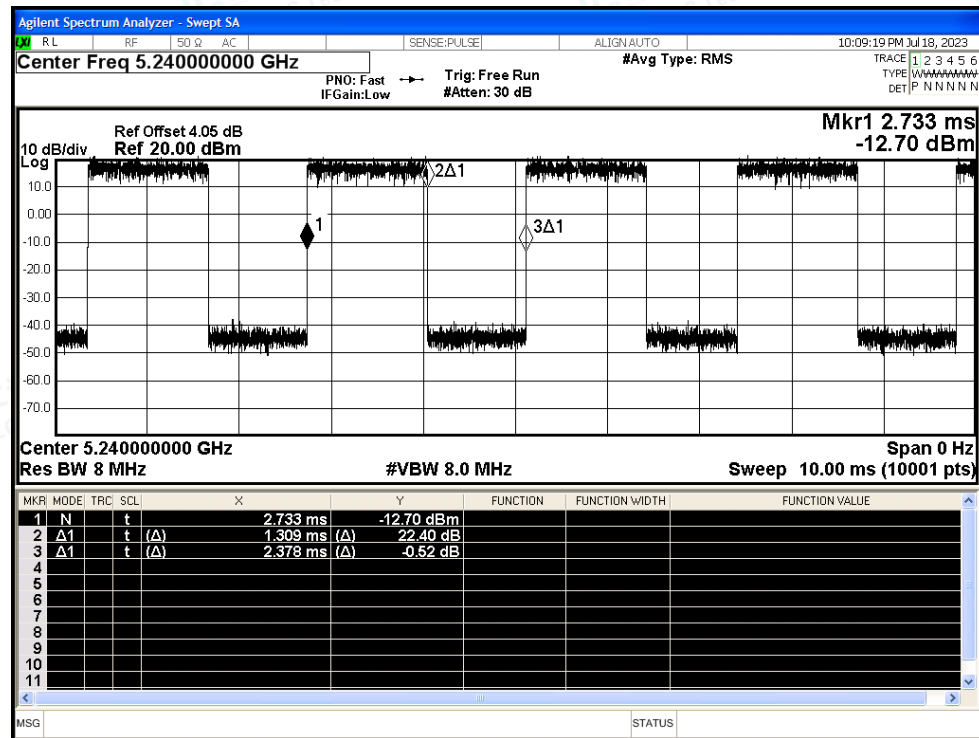


## Duty Cycle NVNT ac20 5200MHz Ant1

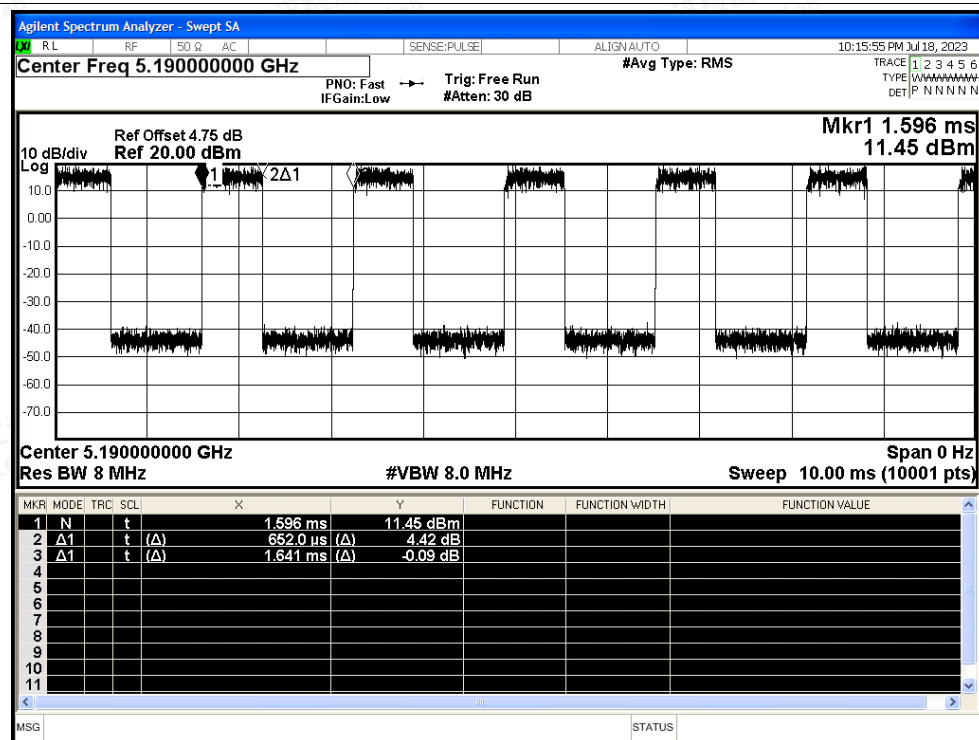




## Duty Cycle NVNT ac20 5240MHz Ant1

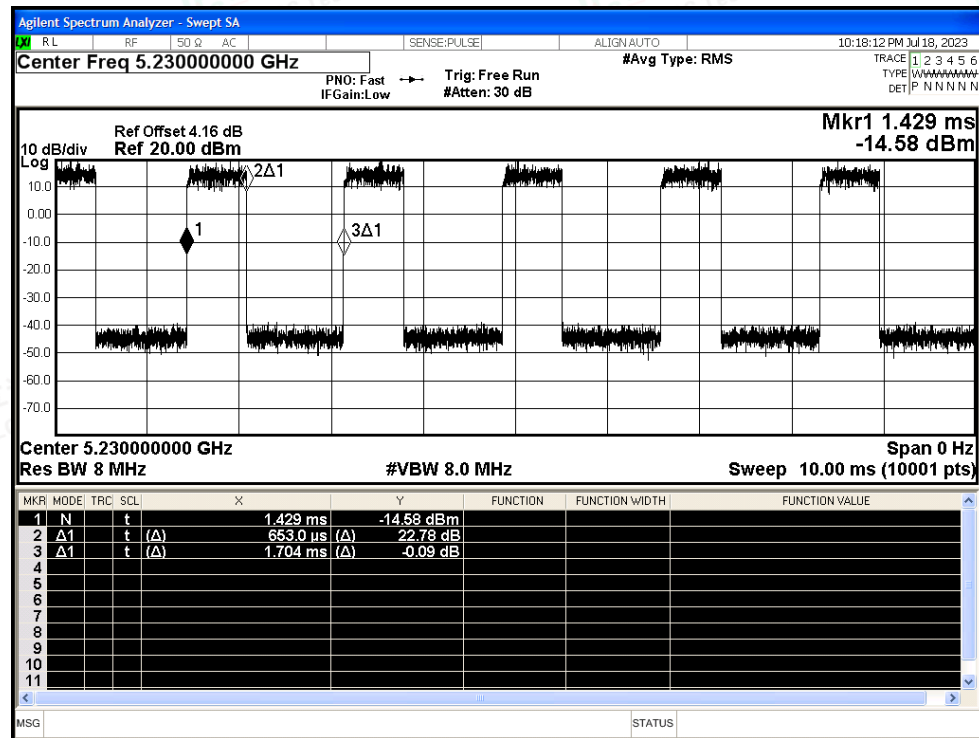


## Duty Cycle NVNT ac40 5190MHz Ant1





## Duty Cycle NVNT ac40 5230MHz Ant1



## Duty Cycle NVNT ac80 5210MHz Ant1

