



## Appendix C

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

Product Name: AC1200 Gigabit Router

Test Model: J8301

#### Environmental Conditions

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



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## C.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5260            | Ant3    | 28.845                 | ---                          | Pass    |
| NVNT      | a    | 5300            | Ant3    | 27.809                 | ---                          | Pass    |
| NVNT      | a    | 5320            | Ant3    | 26.56                  | ---                          | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 26.596                 | ---                          | Pass    |
| NVNT      | n20  | 5300            | Ant3    | 27.766                 | ---                          | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 28.1                   | ---                          | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 43.291                 | ---                          | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 41.738                 | ---                          | Pass    |
| NVNT      | ac20 | 5260            | Ant3    | 28.781                 | ---                          | Pass    |
| NVNT      | ac20 | 5300            | Ant3    | 28.102                 | ---                          | Pass    |
| NVNT      | ac20 | 5320            | Ant3    | 28.989                 | ---                          | Pass    |
| NVNT      | ac40 | 5270            | Ant3    | 47.938                 | ---                          | Pass    |
| NVNT      | ac40 | 5310            | Ant3    | 49.788                 | ---                          | Pass    |
| NVNT      | ac80 | 5290            | Ant3    | 78.376                 | ---                          | Pass    |

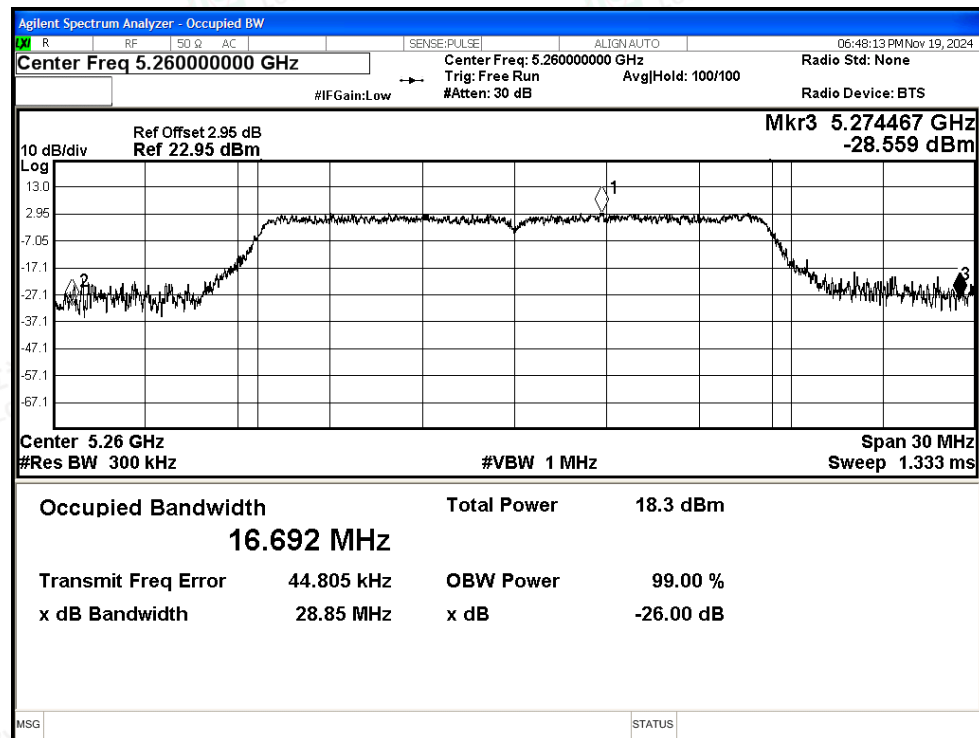


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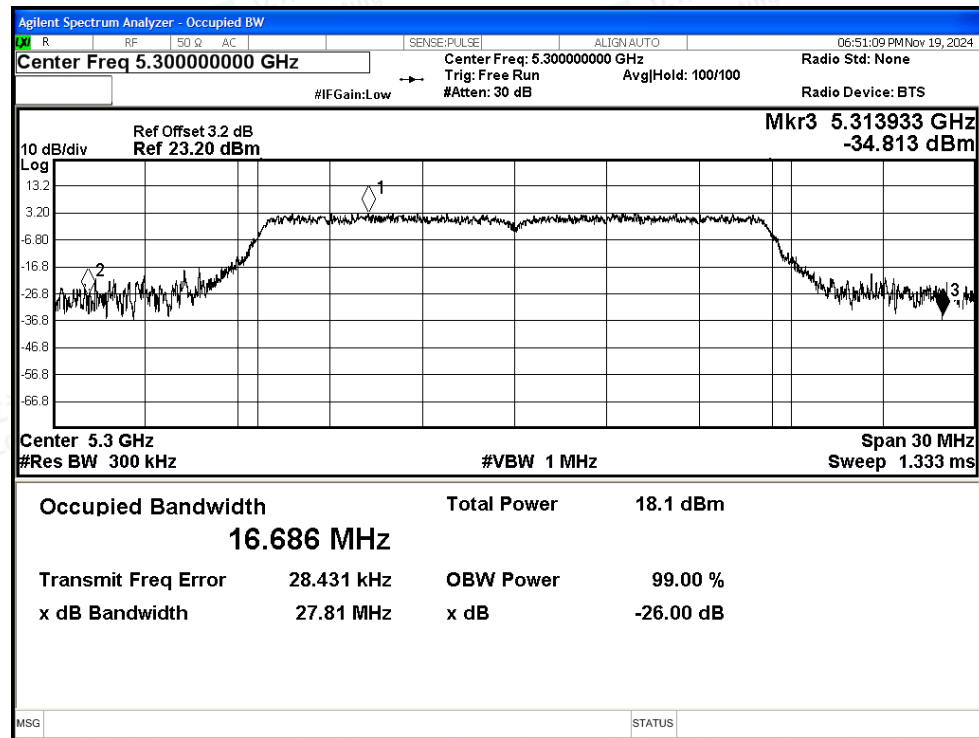


## Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant3

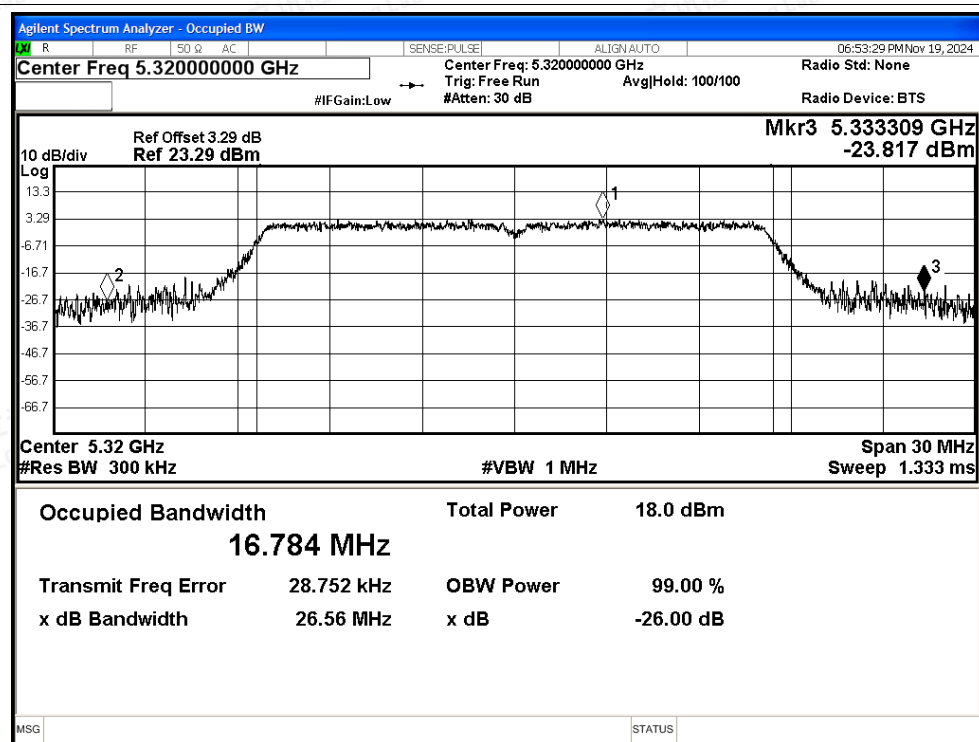


-26dB Bandwidth NVNT a 5300MHz Ant3

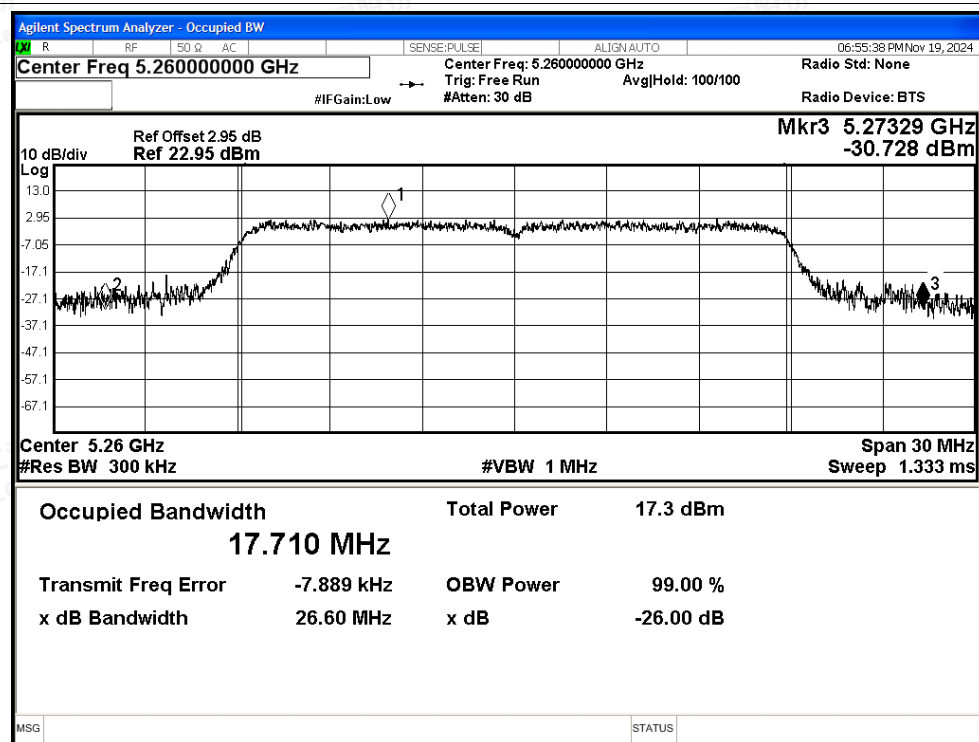




## -26dB Bandwidth NVNT a 5320MHz Ant3

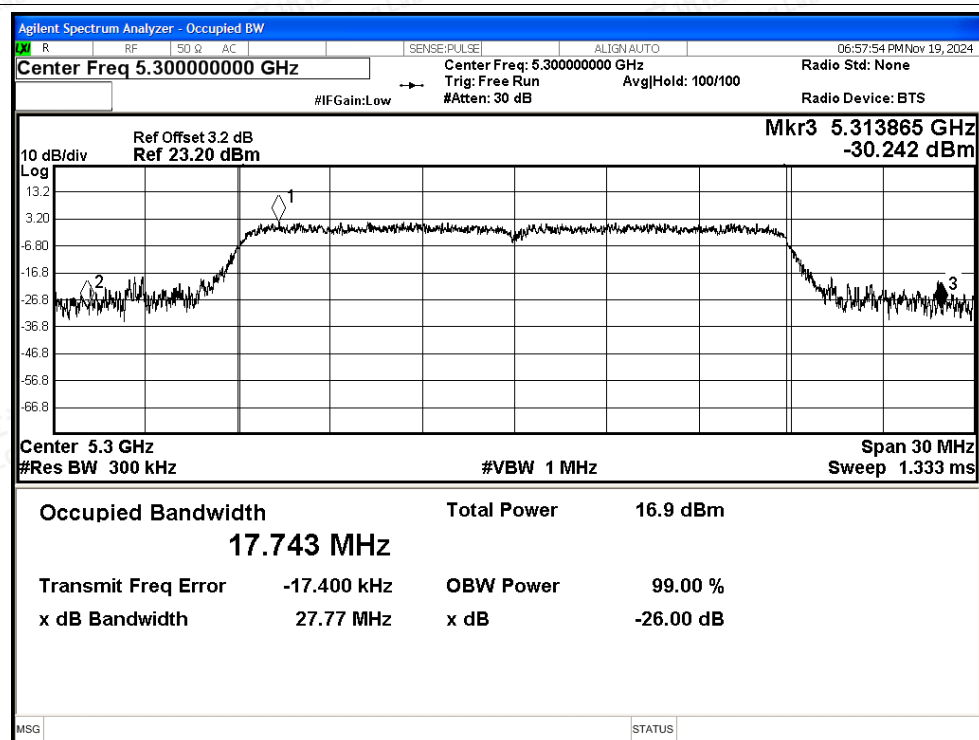


## -26dB Bandwidth NVNT n20 5260MHz Ant3

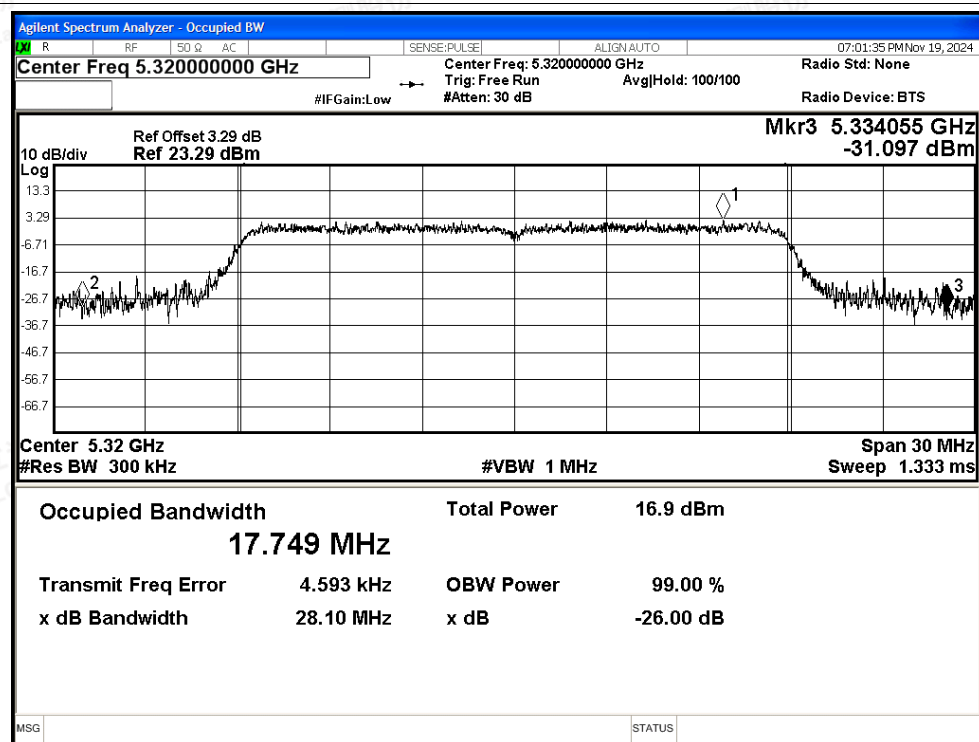




-26dB Bandwidth NVNT n20 5300MHz Ant3

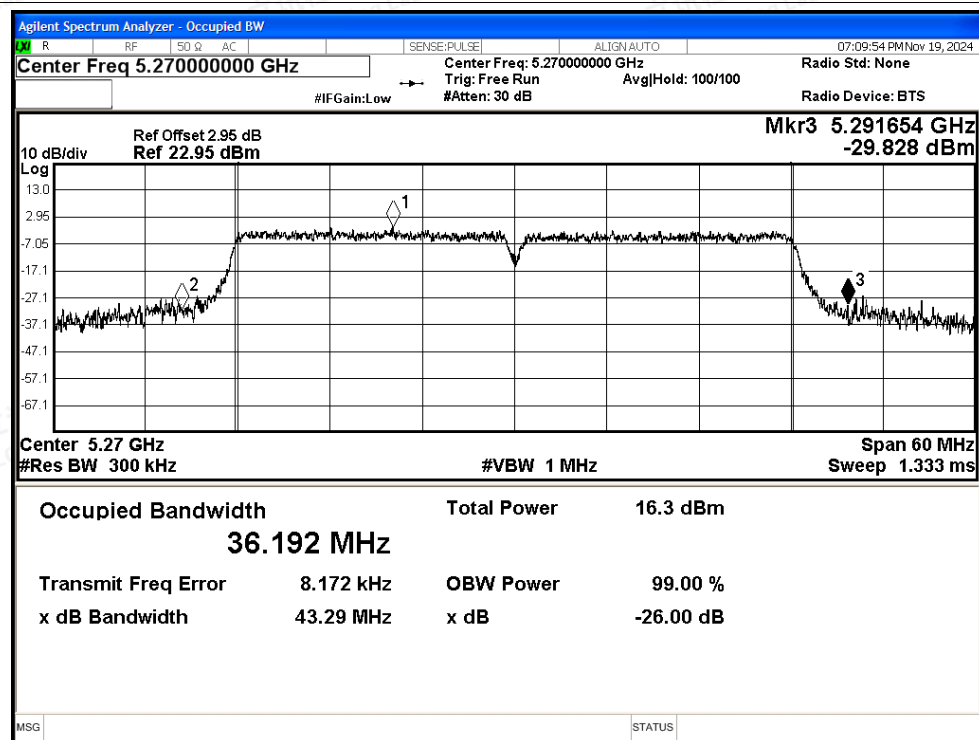


-26dB Bandwidth NVNT n20 5320MHz Ant3

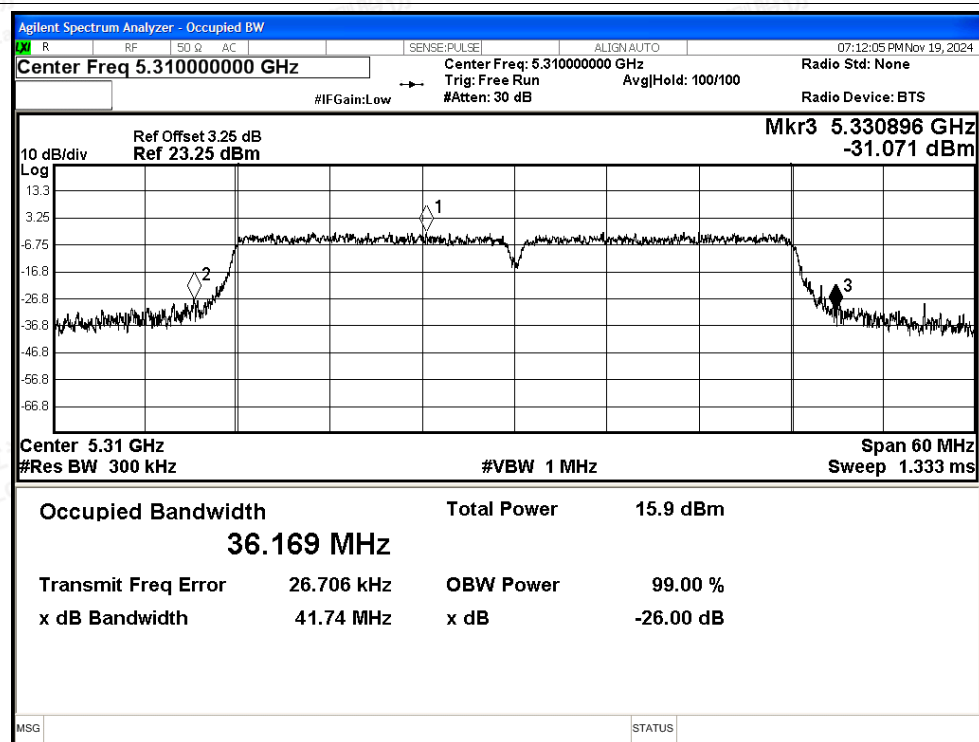




## -26dB Bandwidth NVNT n40 5270MHz Ant3

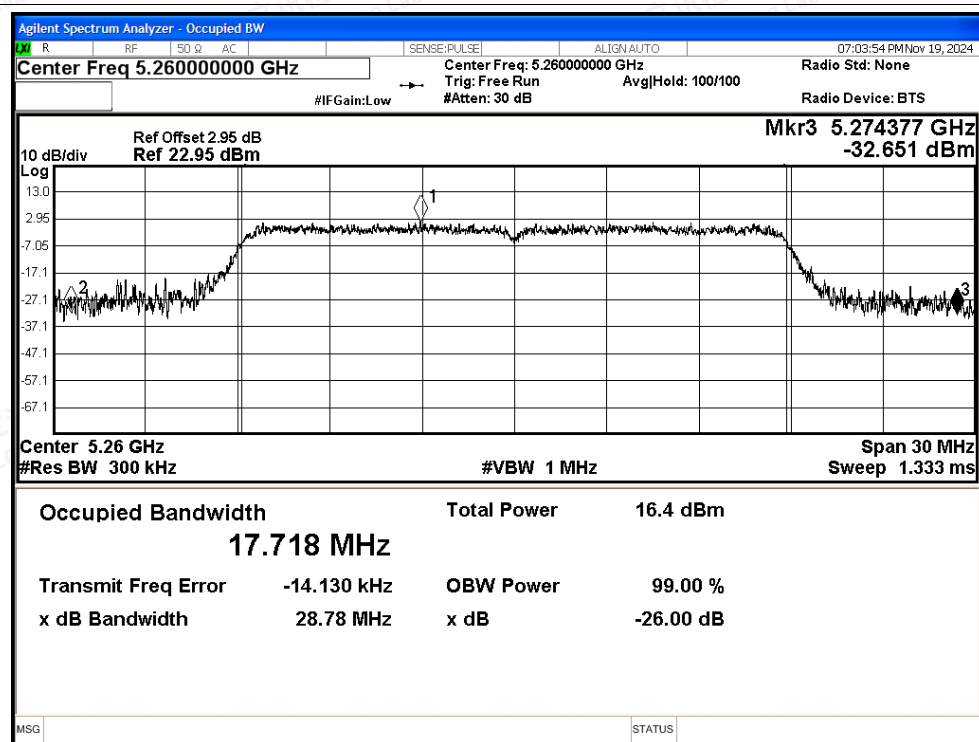


## -26dB Bandwidth NVNT n40 5310MHz Ant3

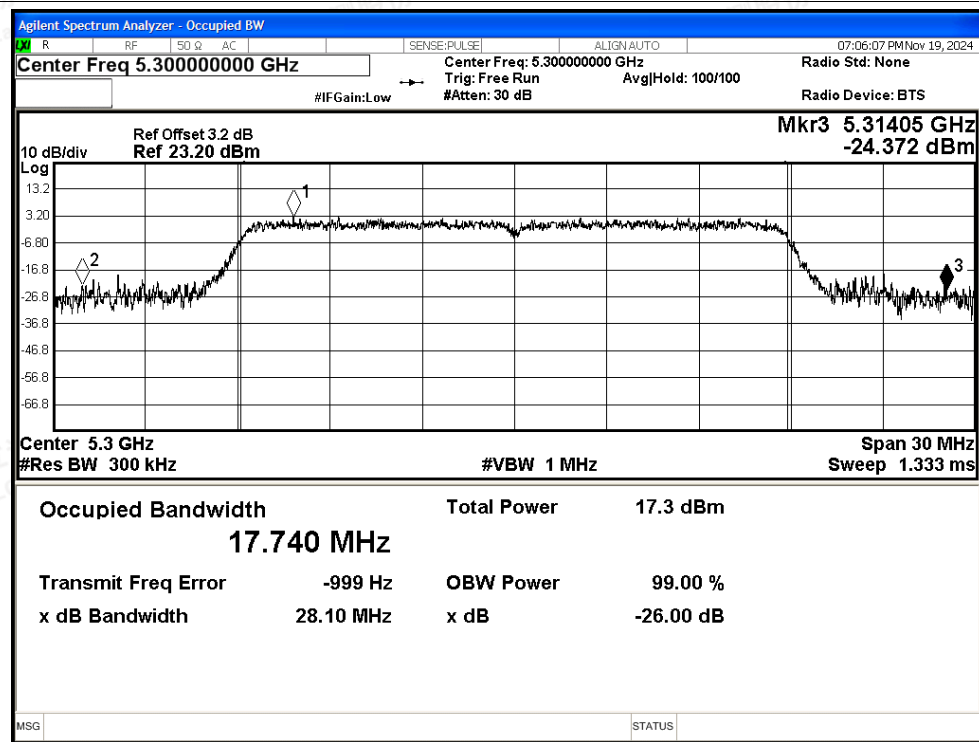




## -26dB Bandwidth NVNT ac20 5260MHz Ant3

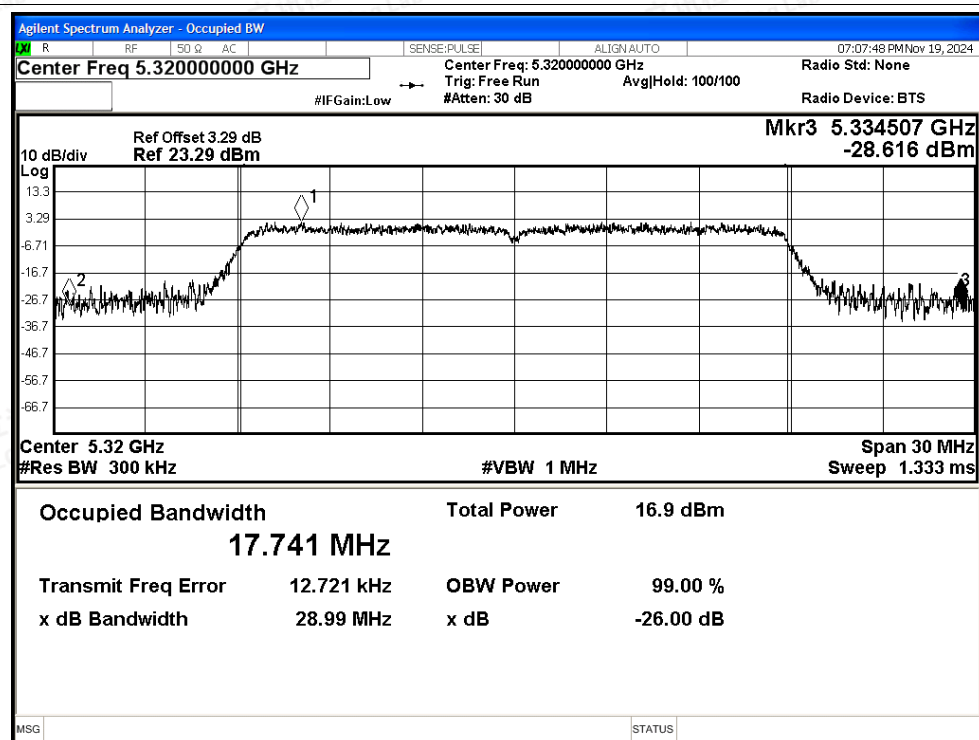


## -26dB Bandwidth NVNT ac20 5300MHz Ant3

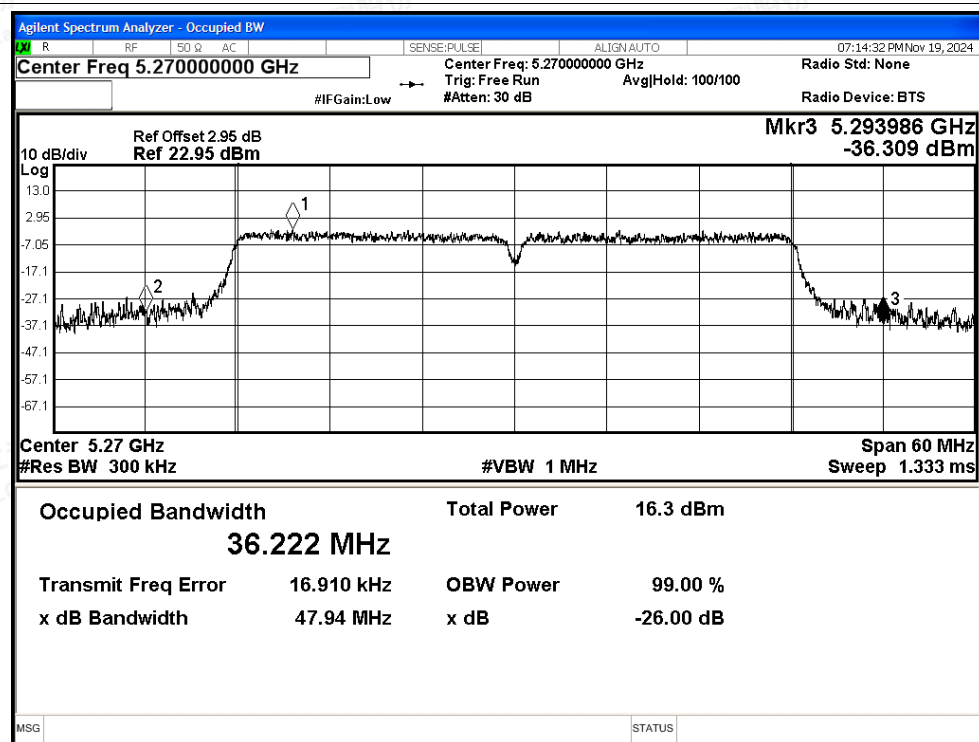




-26dB Bandwidth NVNT ac20 5320MHz Ant3

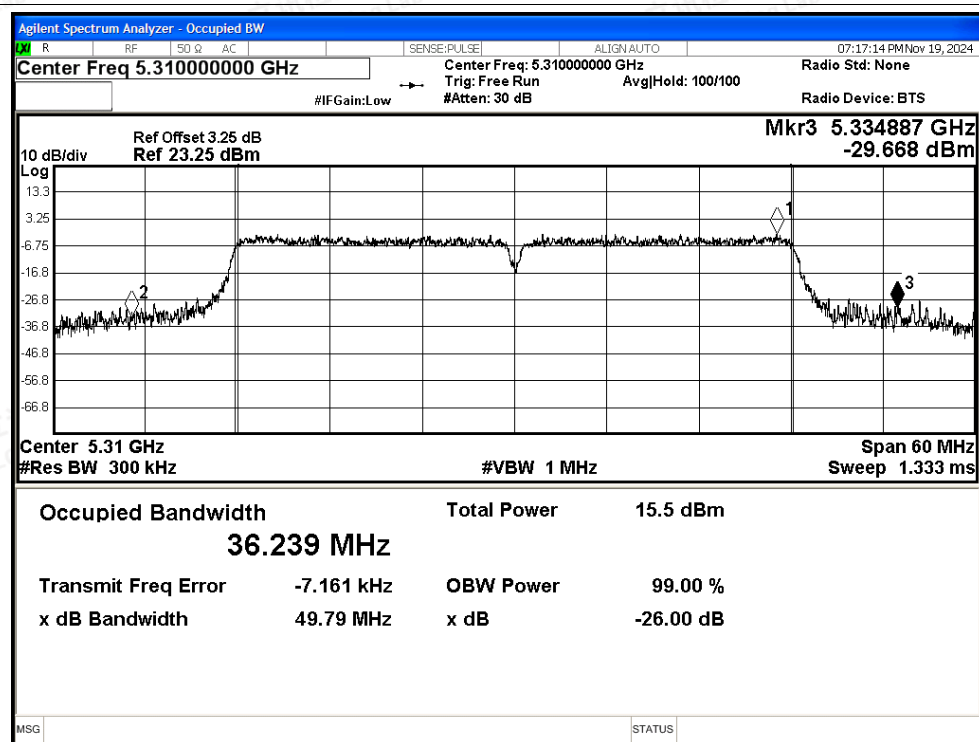


-26dB Bandwidth NVNT ac40 5270MHz Ant3

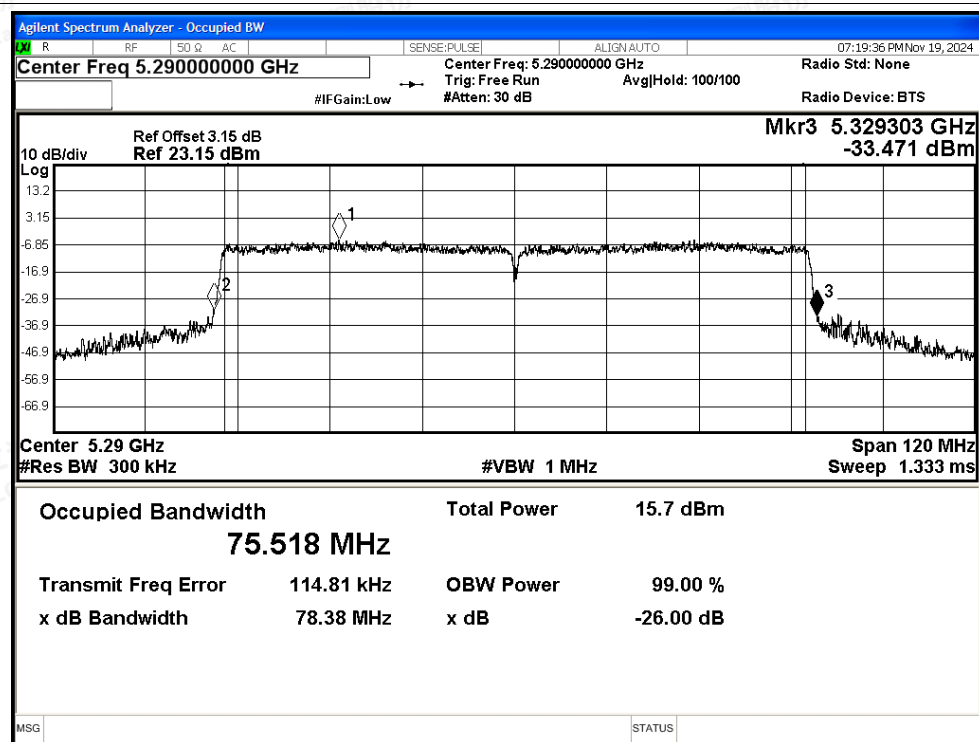




-26dB Bandwidth NVNT ac40 5310MHz Ant3



-26dB Bandwidth NVNT ac80 5290MHz Ant3



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| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5260            | Ant4    | 25.785                 | ---                          | Pass    |
| NVNT      | a    | 5300            | Ant4    | 25.767                 | ---                          | Pass    |
| NVNT      | a    | 5320            | Ant4    | 29.146                 | ---                          | Pass    |
| NVNT      | n20  | 5260            | Ant4    | 28.053                 | ---                          | Pass    |
| NVNT      | n20  | 5300            | Ant4    | 27.713                 | ---                          | Pass    |
| NVNT      | n20  | 5320            | Ant4    | 29.344                 | ---                          | Pass    |
| NVNT      | n40  | 5270            | Ant4    | 39.763                 | ---                          | Pass    |
| NVNT      | n40  | 5310            | Ant4    | 46.129                 | ---                          | Pass    |
| NVNT      | ac20 | 5260            | Ant4    | 28.773                 | ---                          | Pass    |
| NVNT      | ac20 | 5300            | Ant4    | 27.256                 | ---                          | Pass    |
| NVNT      | ac20 | 5320            | Ant4    | 29.098                 | ---                          | Pass    |
| NVNT      | ac40 | 5270            | Ant4    | 46.149                 | ---                          | Pass    |
| NVNT      | ac40 | 5310            | Ant4    | 42.643                 | ---                          | Pass    |
| NVNT      | ac80 | 5290            | Ant4    | 78.183                 | ---                          | Pass    |

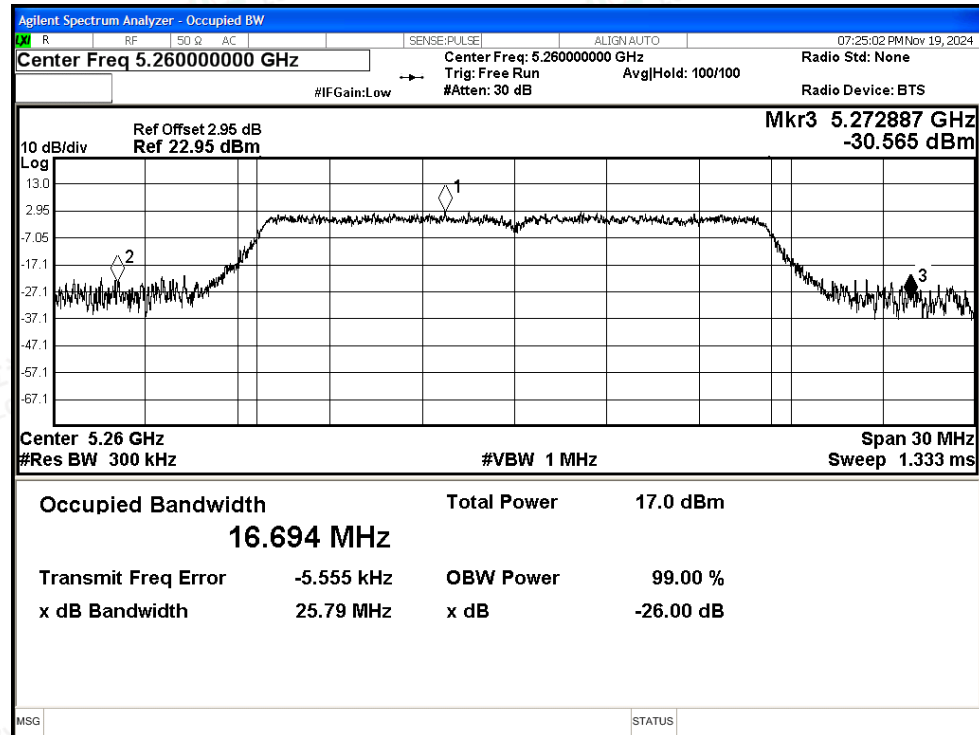


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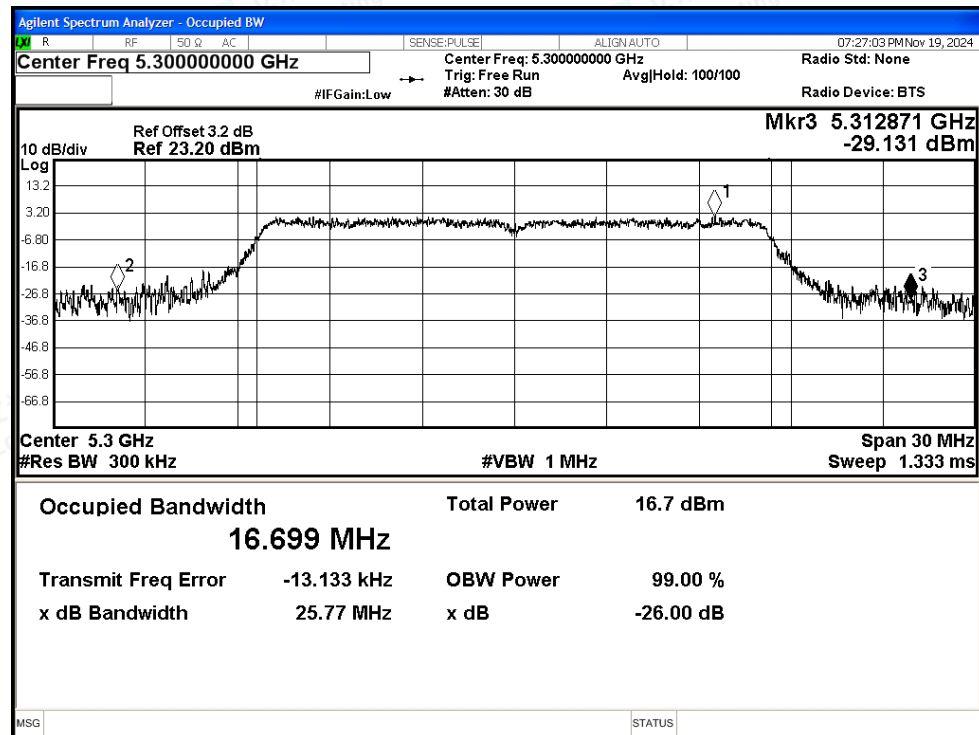


## Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant4

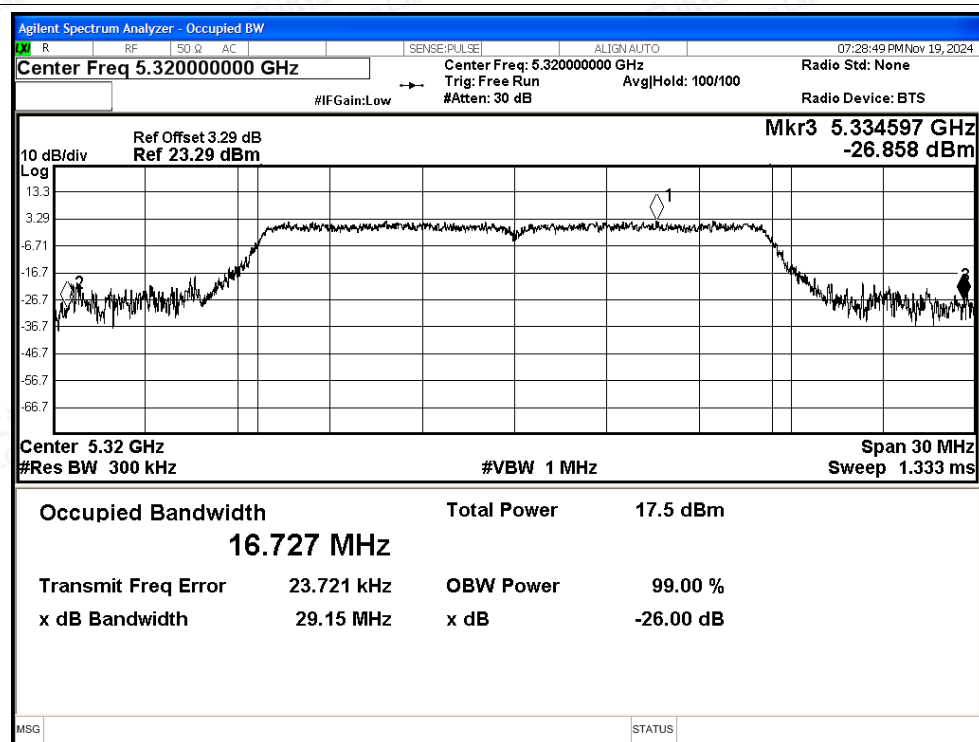


-26dB Bandwidth NVNT a 5300MHz Ant4

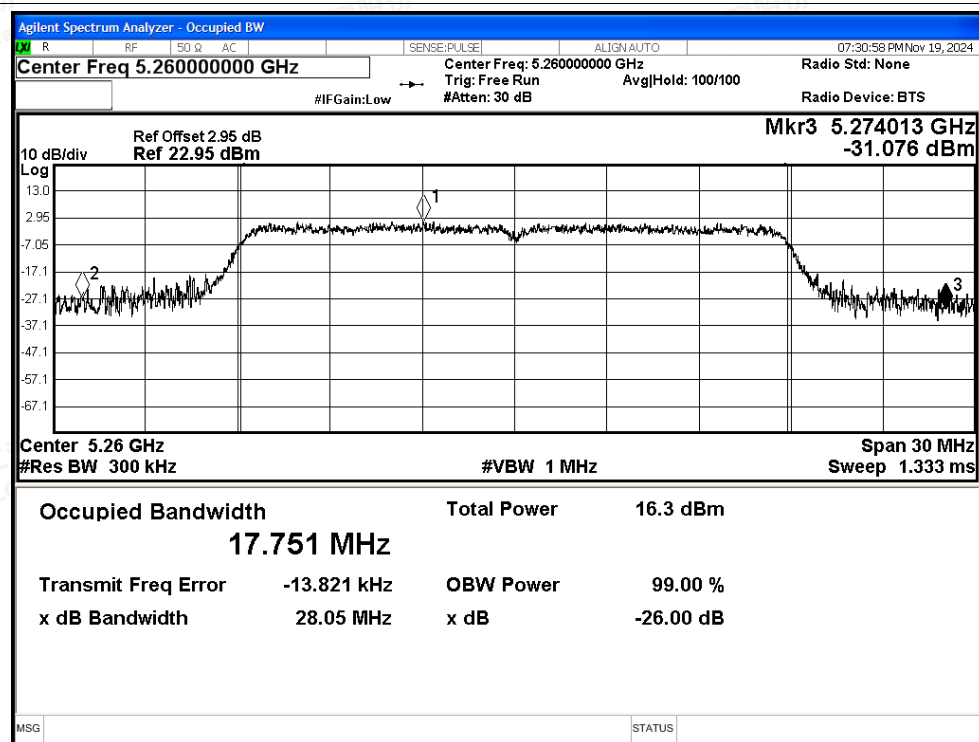




## -26dB Bandwidth NVNT a 5320MHz Ant4

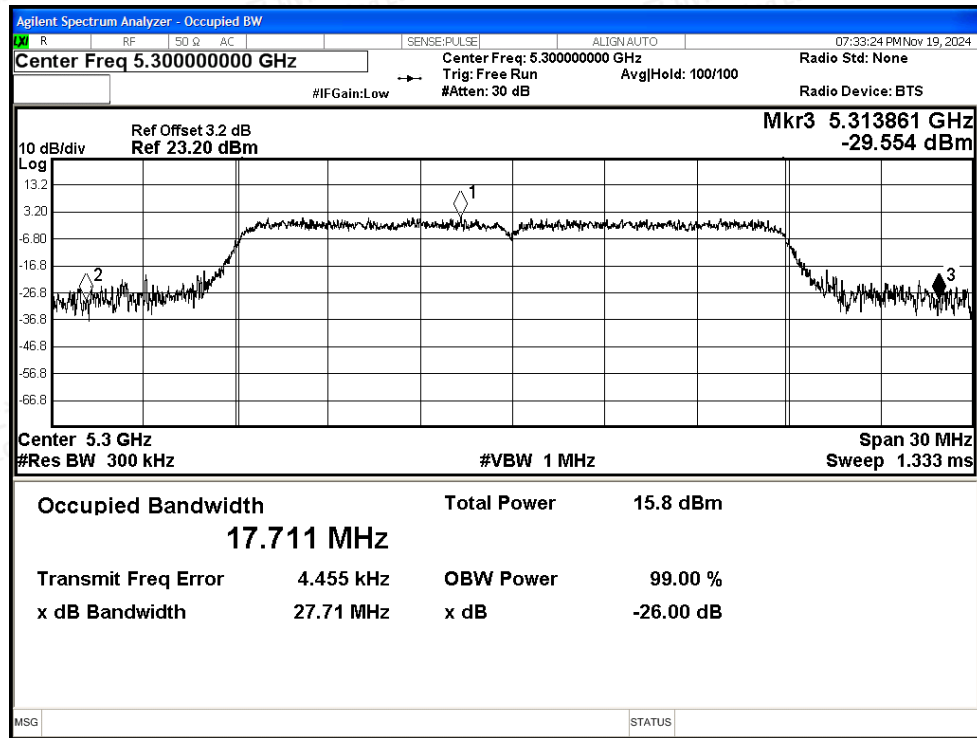


## -26dB Bandwidth NVNT n20 5260MHz Ant4

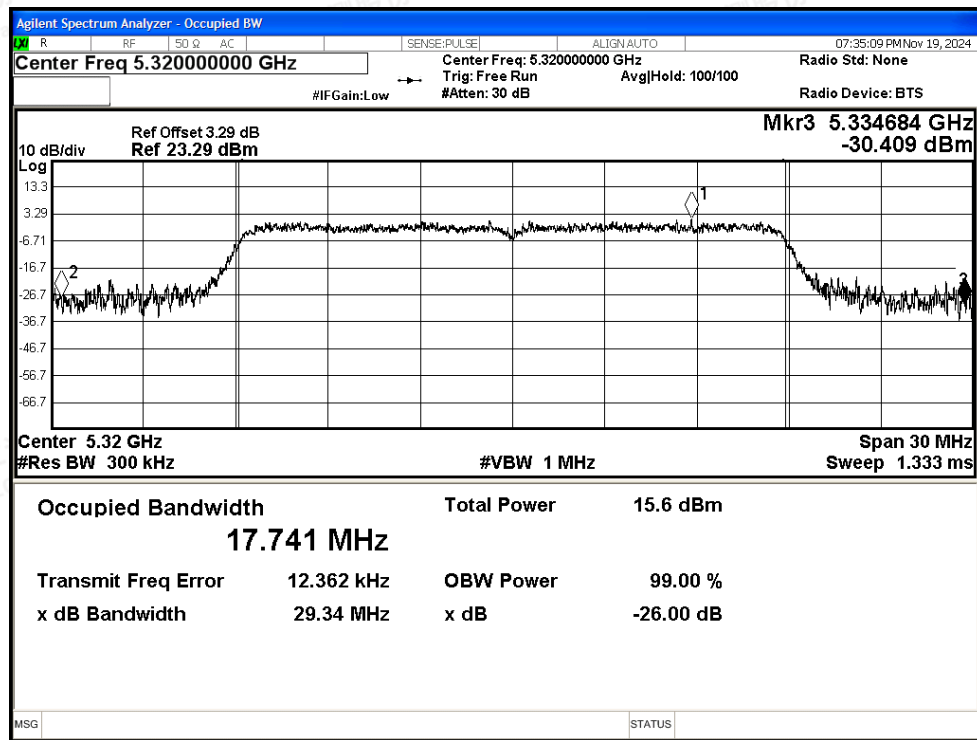




## -26dB Bandwidth NVNT n20 5300MHz Ant4

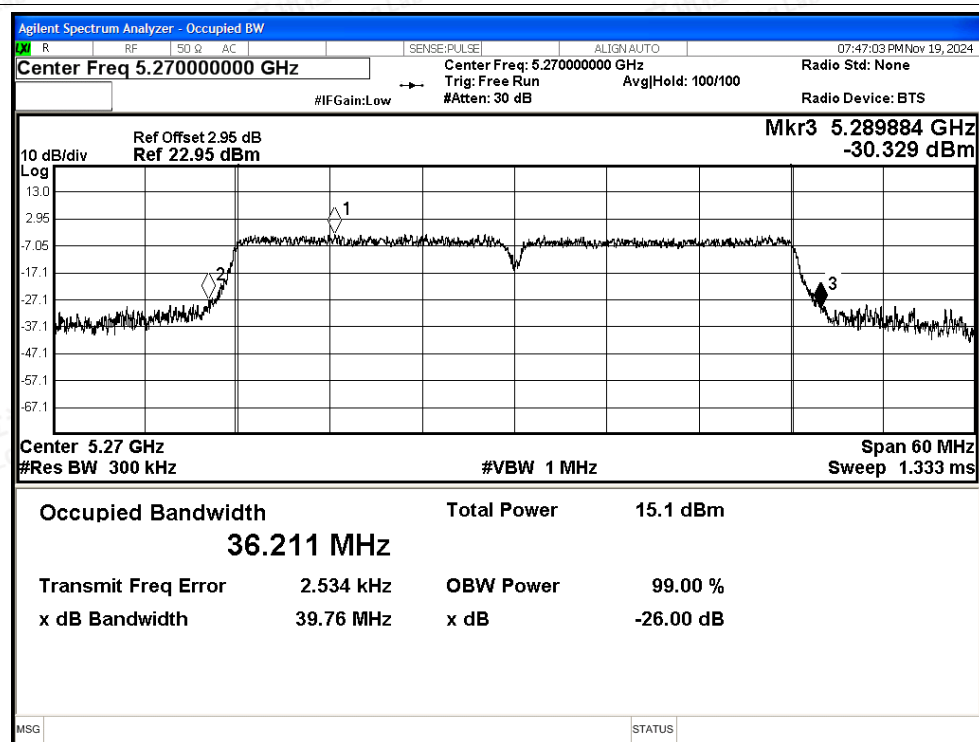


## -26dB Bandwidth NVNT n20 5320MHz Ant4

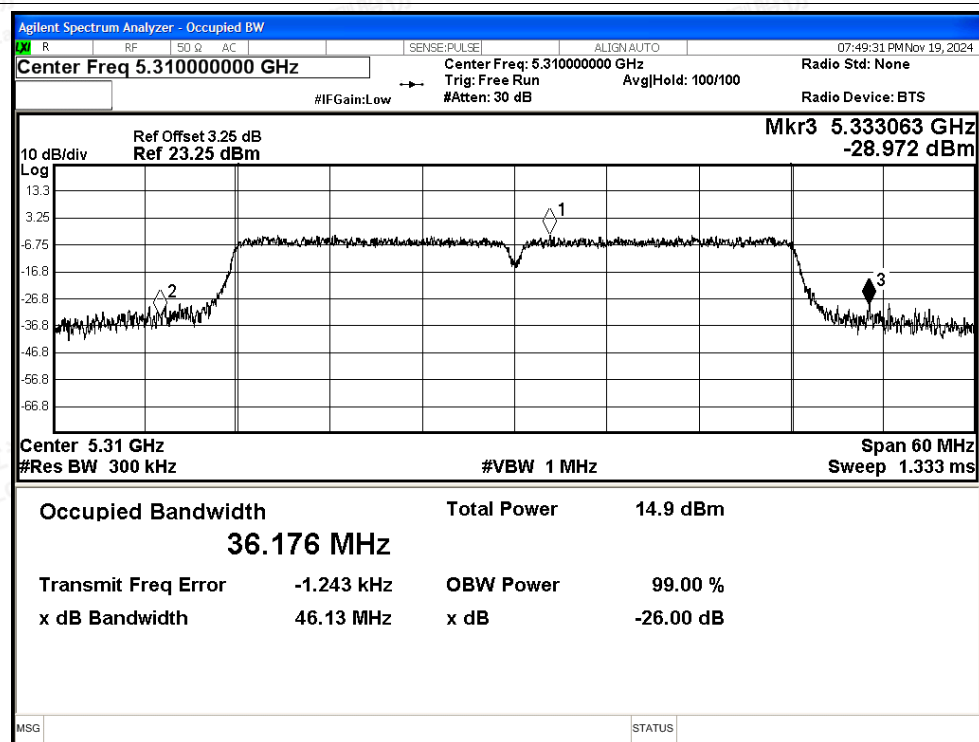




-26dB Bandwidth NVNT n40 5270MHz Ant4

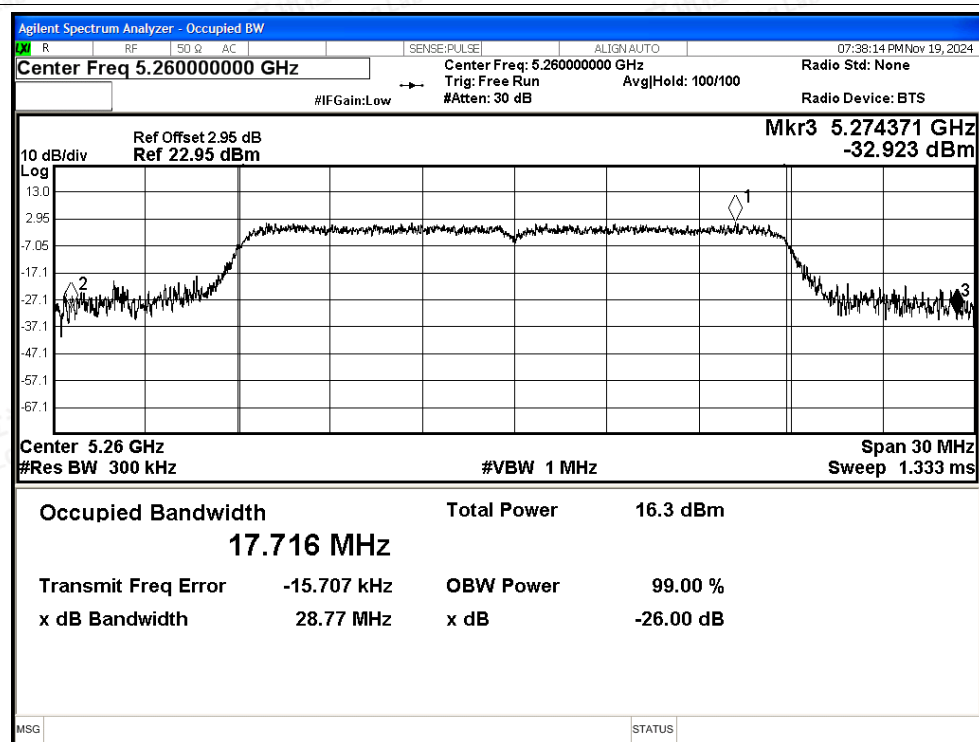


-26dB Bandwidth NVNT n40 5310MHz Ant4

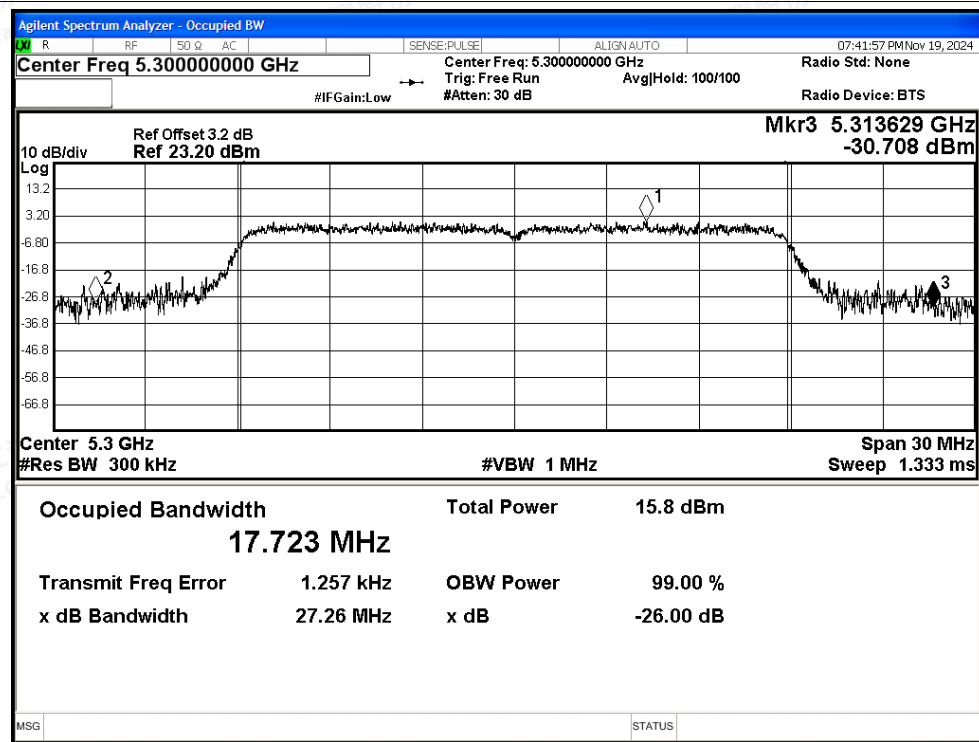




-26dB Bandwidth NVNT ac20 5260MHz Ant4

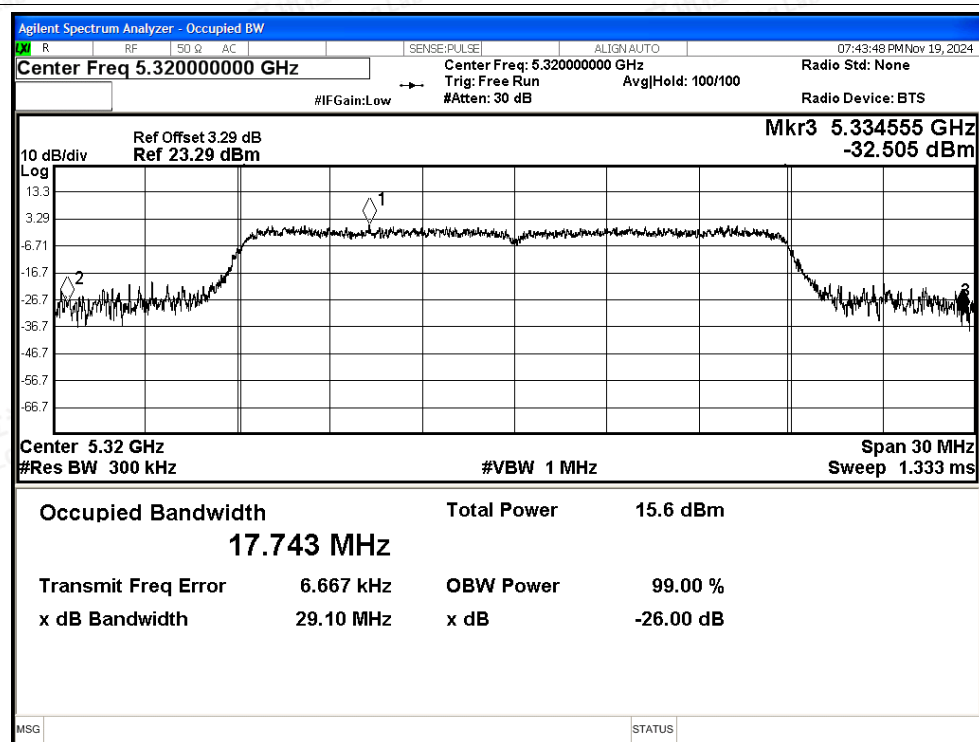


-26dB Bandwidth NVNT ac20 5300MHz Ant4

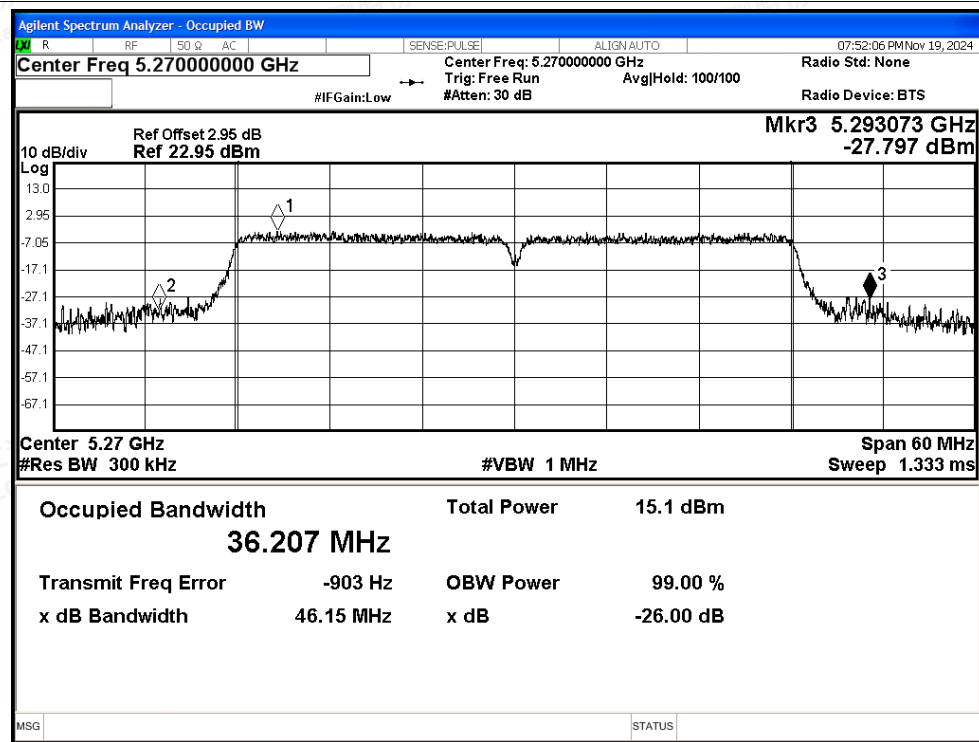




## -26dB Bandwidth NVNT ac20 5320MHz Ant4

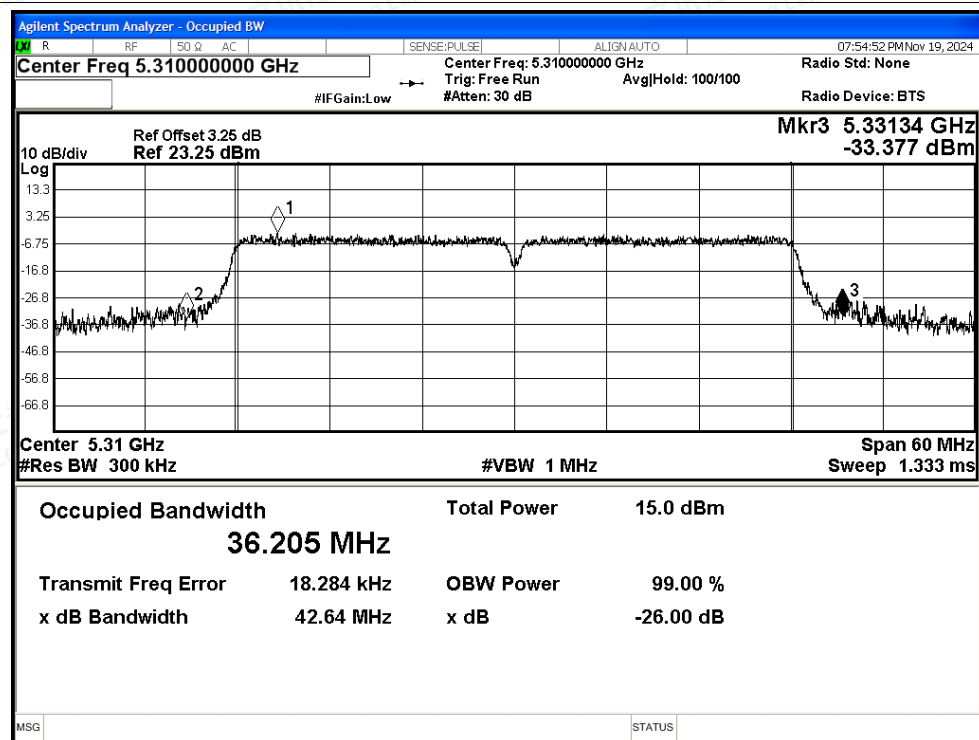


## -26dB Bandwidth NVNT ac40 5270MHz Ant4

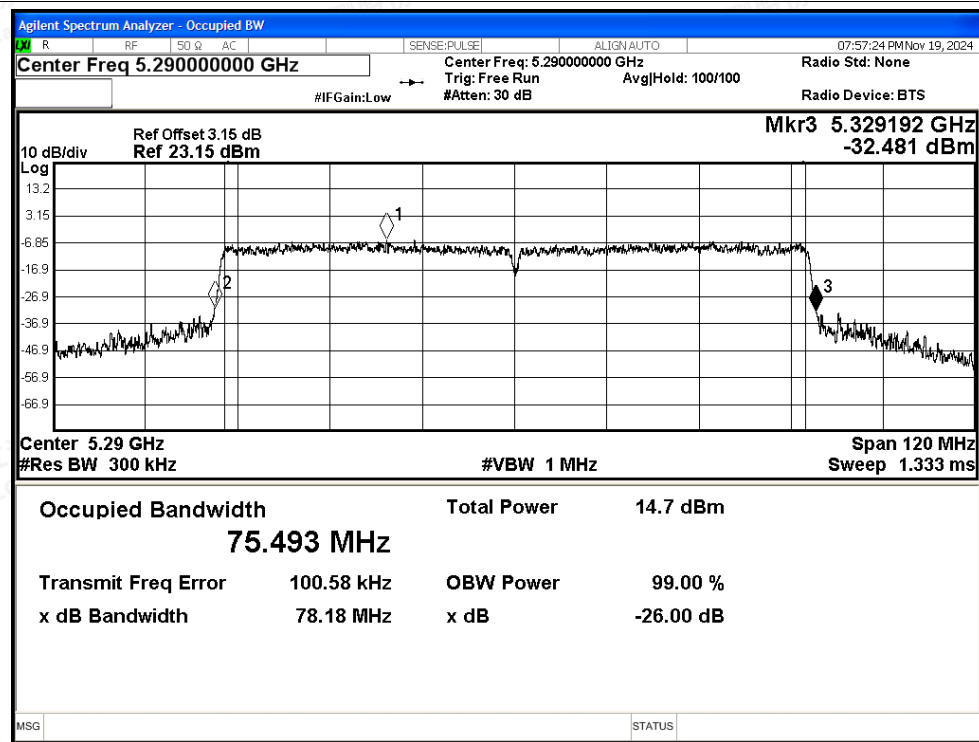




## -26dB Bandwidth NVNT ac40 5310MHz Ant4



## -26dB Bandwidth NVNT ac80 5290MHz Ant4





## C.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5260            | Ant3    | 12.64                 | 0.24             | 12.88             | 24          | Pass    |
| NVNT      | a    | 5300            | Ant3    | 12.46                 | 0.24             | 12.7              | 24          | Pass    |
| NVNT      | a    | 5320            | Ant3    | 12.32                 | 0.24             | 12.56             | 24          | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 11.77                 | 0.12             | 11.89             | 24          | Pass    |
| NVNT      | n20  | 5300            | Ant3    | 11.42                 | 0.12             | 11.54             | 24          | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 11.44                 | 0.12             | 11.56             | 24          | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 10.41                 | 0.24             | 10.65             | 24          | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 9.98                  | 0.24             | 10.22             | 24          | Pass    |
| NVNT      | ac20 | 5260            | Ant3    | 10.86                 | 0.12             | 10.98             | 24          | Pass    |
| NVNT      | ac20 | 5300            | Ant3    | 11.76                 | 0.12             | 11.88             | 24          | Pass    |
| NVNT      | ac20 | 5320            | Ant3    | 11.39                 | 0.12             | 11.51             | 24          | Pass    |
| NVNT      | ac40 | 5270            | Ant3    | 10.31                 | 0.24             | 10.55             | 24          | Pass    |
| NVNT      | ac40 | 5310            | Ant3    | 9.96                  | 0.23             | 10.19             | 24          | Pass    |
| NVNT      | ac80 | 5290            | Ant3    | 9.83                  | 0.25             | 10.08             | 24          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5260            | Ant4    | 11.26                 | 0.24             | 11.5              | 24          | Pass    |
| NVNT      | a    | 5300            | Ant4    | 10.9                  | 0.24             | 11.14             | 24          | Pass    |
| NVNT      | a    | 5320            | Ant4    | 11.82                 | 0.24             | 12.06             | 24          | Pass    |
| NVNT      | n20  | 5260            | Ant4    | 10.76                 | 0.12             | 10.88             | 24          | Pass    |
| NVNT      | n20  | 5300            | Ant4    | 10.21                 | 0.12             | 10.33             | 24          | Pass    |
| NVNT      | n20  | 5320            | Ant4    | 10.18                 | 0.12             | 10.3              | 24          | Pass    |
| NVNT      | n40  | 5270            | Ant4    | 9.12                  | 0.23             | 9.35              | 24          | Pass    |
| NVNT      | n40  | 5310            | Ant4    | 8.9                   | 0.24             | 9.14              | 24          | Pass    |
| NVNT      | ac20 | 5260            | Ant4    | 10.82                 | 0.12             | 10.94             | 24          | Pass    |
| NVNT      | ac20 | 5300            | Ant4    | 10.29                 | 0.12             | 10.41             | 24          | Pass    |
| NVNT      | ac20 | 5320            | Ant4    | 10.21                 | 0.12             | 10.33             | 24          | Pass    |
| NVNT      | ac40 | 5270            | Ant4    | 9.15                  | 0.24             | 9.39              | 24          | Pass    |
| NVNT      | ac40 | 5310            | Ant4    | 8.94                  | 0.24             | 9.18              | 24          | Pass    |
| NVNT      | ac80 | 5290            | Ant4    | 8.84                  | 0.25             | 9.09              | 24          | Pass    |



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| Condition | Mode | Frequency (MHz) | Total Power (dBm) |       |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------------------|-------|-----------|-------------|---------|
|           |      |                 | Ant3              | Ant4  | Ant3+Ant4 |             |         |
| NVNT      | n20  | 5260            | 11.89             | 10.88 | 14.42     | 24          | Pass    |
| NVNT      | n20  | 5300            | 11.54             | 10.33 | 13.99     | 24          | Pass    |
| NVNT      | n20  | 5320            | 11.56             | 10.3  | 13.99     | 24          | Pass    |
| NVNT      | n40  | 5270            | 10.65             | 9.35  | 13.06     | 24          | Pass    |
| NVNT      | n40  | 5310            | 10.22             | 9.14  | 12.72     | 24          | Pass    |
| NVNT      | ac20 | 5260            | 10.98             | 10.94 | 13.97     | 24          | Pass    |
| NVNT      | ac20 | 5300            | 11.88             | 10.41 | 14.22     | 24          | Pass    |
| NVNT      | ac20 | 5320            | 11.51             | 10.33 | 13.97     | 24          | Pass    |
| NVNT      | ac40 | 5270            | 10.55             | 9.39  | 13.02     | 24          | Pass    |
| NVNT      | ac40 | 5310            | 10.19             | 9.18  | 12.72     | 24          | Pass    |
| NVNT      | ac80 | 5290            | 10.08             | 9.09  | 12.62     | 24          | Pass    |



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### C.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            | Ant3    | 1.99                    | 0.24             | 2.23                | 11              | Pass    |
| NVNT      | a    | 5300            | Ant3    | 1.88                    | 0.24             | 2.12                | 11              | Pass    |
| NVNT      | a    | 5320            | Ant3    | 1.88                    | 0.24             | 2.12                | 11              | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 1.06                    | 0.12             | 1.18                | 11              | Pass    |
| NVNT      | n20  | 5300            | Ant3    | 0.67                    | 0.12             | 0.79                | 11              | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 0.81                    | 0.12             | 0.93                | 11              | Pass    |
| NVNT      | n40  | 5270            | Ant3    | -2.84                   | 0.24             | -2.6                | 11              | Pass    |
| NVNT      | n40  | 5310            | Ant3    | -3.75                   | 0.24             | -3.51               | 11              | Pass    |
| NVNT      | ac20 | 5260            | Ant3    | 0.02                    | 0.12             | 0.14                | 11              | Pass    |
| NVNT      | ac20 | 5300            | Ant3    | 0.92                    | 0.12             | 1.04                | 11              | Pass    |
| NVNT      | ac20 | 5320            | Ant3    | 0.56                    | 0.12             | 0.68                | 11              | Pass    |
| NVNT      | ac40 | 5270            | Ant3    | -2.74                   | 0.24             | -2.5                | 11              | Pass    |
| NVNT      | ac40 | 5310            | Ant3    | -4.07                   | 0.23             | -3.84               | 11              | Pass    |
| NVNT      | ac80 | 5290            | Ant3    | -6.78                   | 0.25             | -6.53               | 11              | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a    | 5260            | Ant4    | 0.53                    | 0.24             | 0.77                | 11              | Pass    |
| NVNT      | a    | 5300            | Ant4    | 0.13                    | 0.24             | 0.37                | 11              | Pass    |
| NVNT      | a    | 5320            | Ant4    | 1.24                    | 0.24             | 1.48                | 11              | Pass    |
| NVNT      | n20  | 5260            | Ant4    | -0.03                   | 0.12             | 0.09                | 11              | Pass    |
| NVNT      | n20  | 5300            | Ant4    | -0.29                   | 0.12             | -0.17               | 11              | Pass    |
| NVNT      | n20  | 5320            | Ant4    | -0.7                    | 0.12             | -0.58               | 11              | Pass    |
| NVNT      | n40  | 5270            | Ant4    | -4.08                   | 0.23             | -3.85               | 11              | Pass    |
| NVNT      | n40  | 5310            | Ant4    | -4.49                   | 0.24             | -4.25               | 11              | Pass    |
| NVNT      | ac20 | 5260            | Ant4    | 0.11                    | 0.12             | 0.23                | 11              | Pass    |
| NVNT      | ac20 | 5300            | Ant4    | -0.49                   | 0.12             | -0.37               | 11              | Pass    |
| NVNT      | ac20 | 5320            | Ant4    | -0.79                   | 0.12             | -0.67               | 11              | Pass    |
| NVNT      | ac40 | 5270            | Ant4    | -3.91                   | 0.24             | -3.67               | 11              | Pass    |
| NVNT      | ac40 | 5310            | Ant4    | -4.45                   | 0.24             | -4.21               | 11              | Pass    |
| NVNT      | ac80 | 5290            | Ant4    | -7.8                    | 0.25             | -7.55               | 11              | Pass    |



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MIMO

| Condition | Mode | Frequency (MHz) | Total PSD (dBm/MHz) |       |           | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------------------|-------|-----------|-----------------|---------|
|           |      |                 | Ant3                | Ant4  | Ant3+Ant4 |                 |         |
| NVNT      | n20  | 5260            | 1.18                | 0.09  | 1.18      | 10.02           | Pass    |
| NVNT      | n20  | 5300            | 0.79                | -0.17 | 0.79      | 10.02           | Pass    |
| NVNT      | n20  | 5320            | 0.93                | -0.58 | 0.93      | 10.02           | Pass    |
| NVNT      | n40  | 5270            | -2.6                | -3.85 | -2.6      | 10.02           | Pass    |
| NVNT      | n40  | 5310            | -3.51               | -4.25 | -3.51     | 10.02           | Pass    |
| NVNT      | ac20 | 5260            | 0.14                | 0.23  | 0.14      | 10.02           | Pass    |
| NVNT      | ac20 | 5300            | 1.04                | -0.37 | 3.40      | 10.02           | Pass    |
| NVNT      | ac20 | 5320            | 0.68                | -0.67 | 3.07      | 10.02           | Pass    |
| NVNT      | ac40 | 5270            | -2.5                | -3.67 | -0.04     | 10.02           | Pass    |
| NVNT      | ac40 | 5310            | -3.84               | -4.21 | -1.01     | 10.02           | Pass    |
| NVNT      | ac80 | 5290            | -6.53               | -7.55 | -4.00     | 10.02           | Pass    |

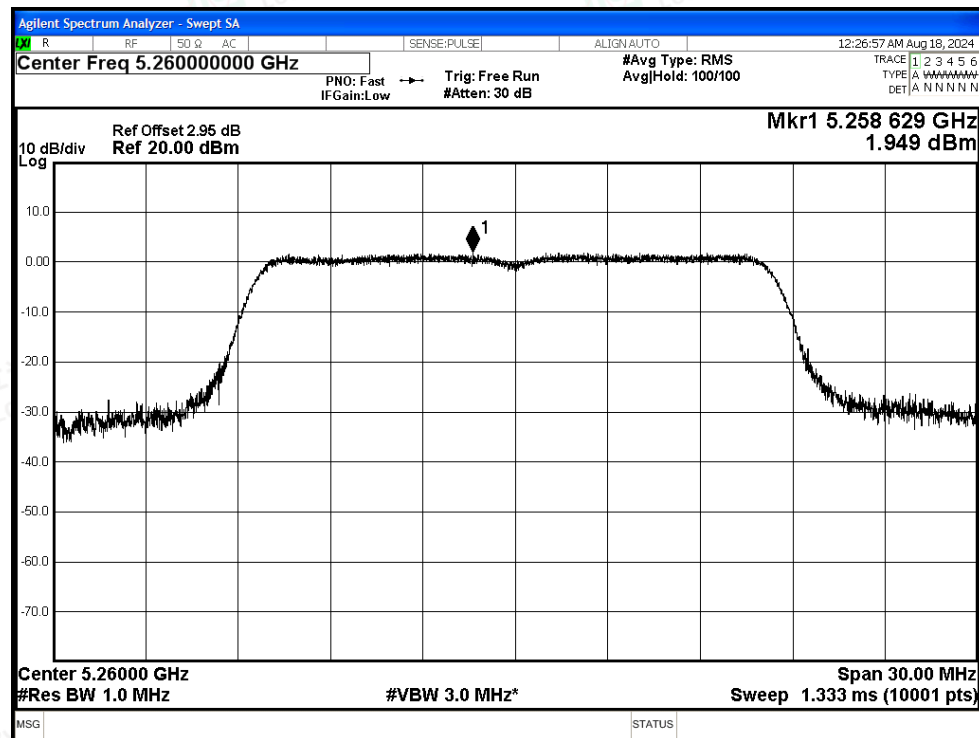


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

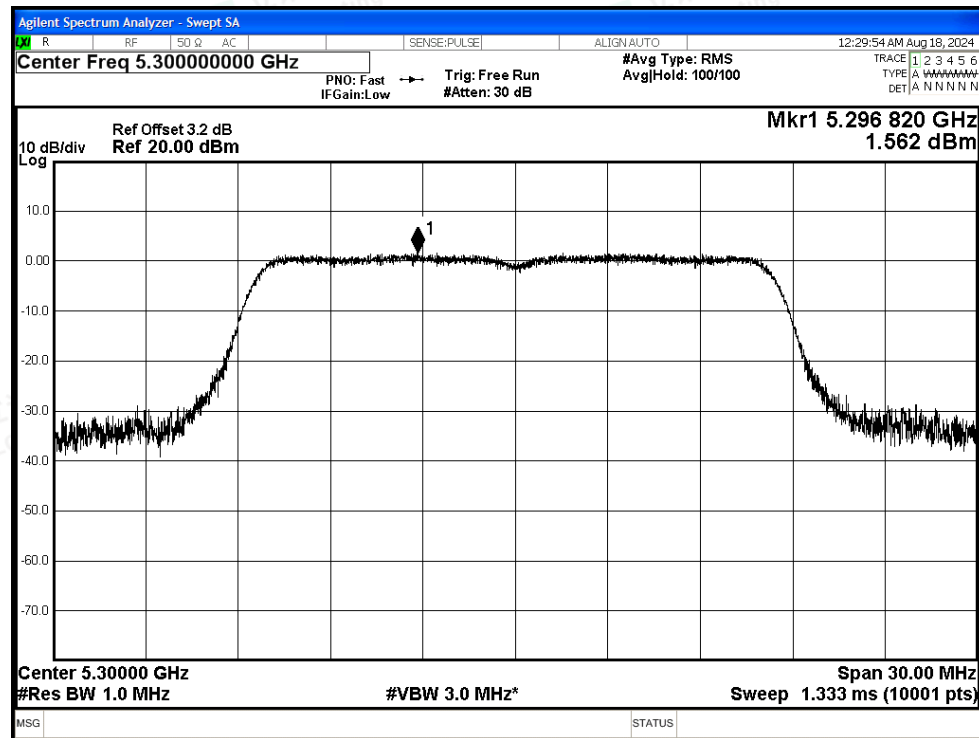


## Test Graphs

PSD NVNT a 5260MHz Ant1

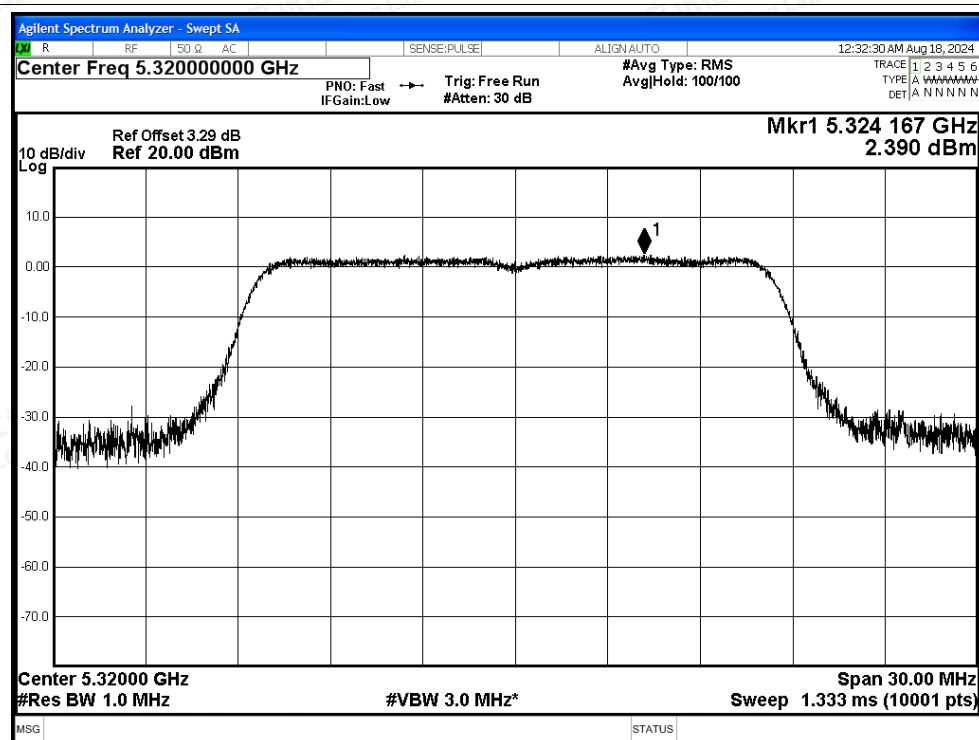


PSD NVNT a 5300MHz Ant1

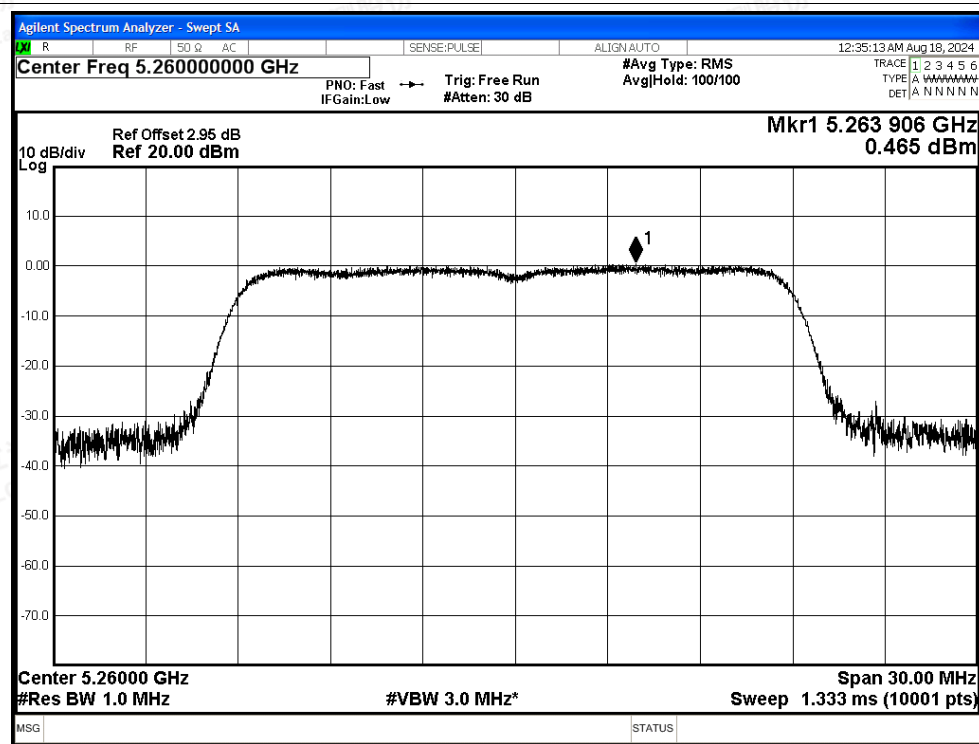


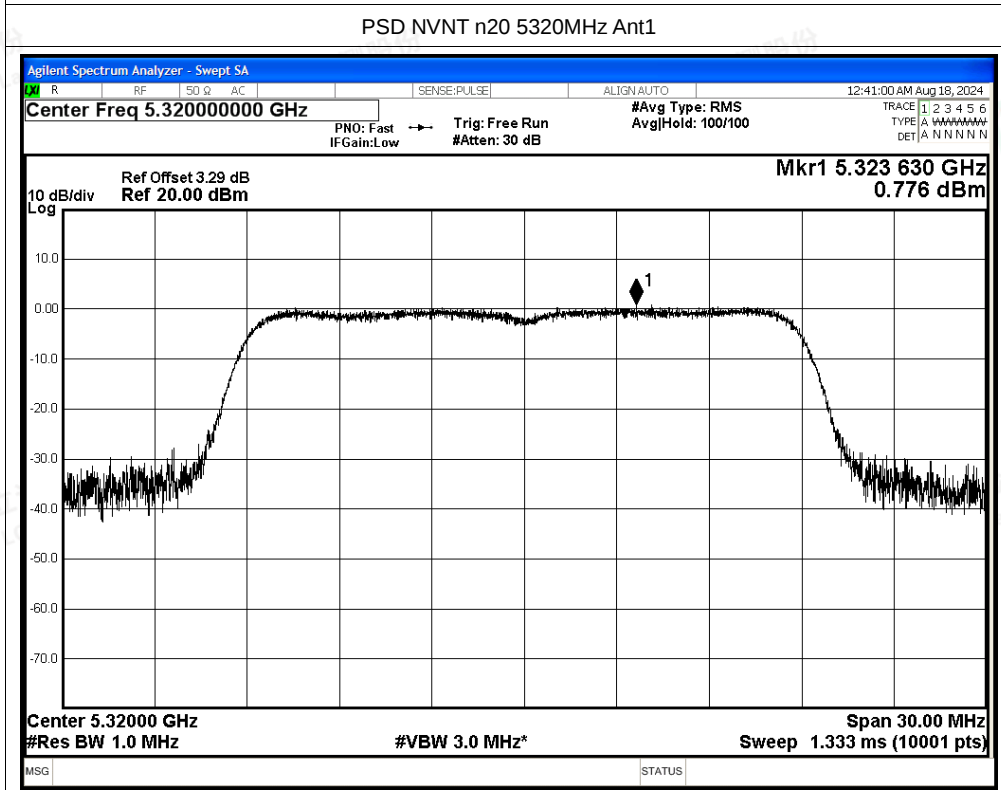
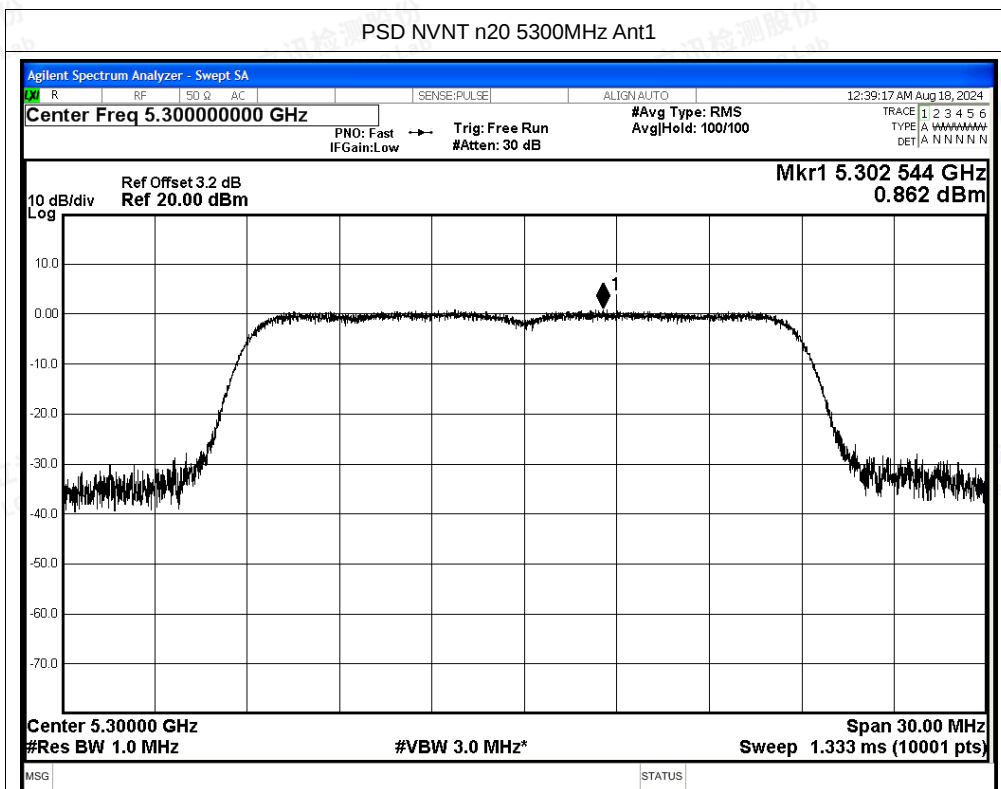


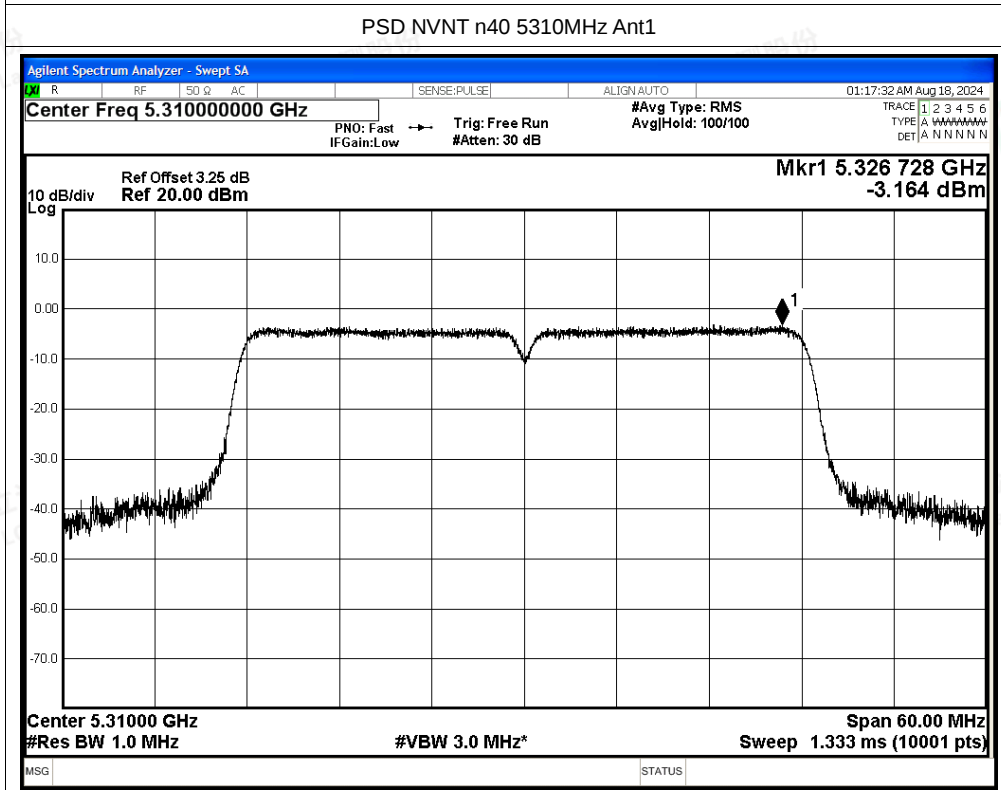
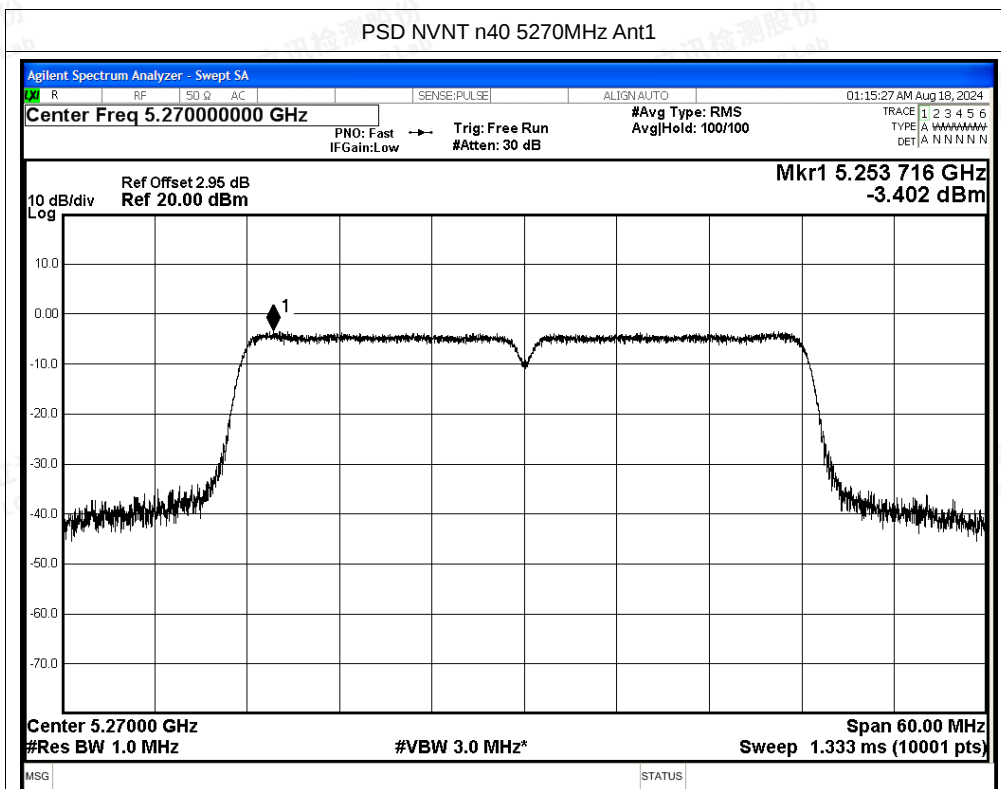
PSD NVNT a 5320MHz Ant1

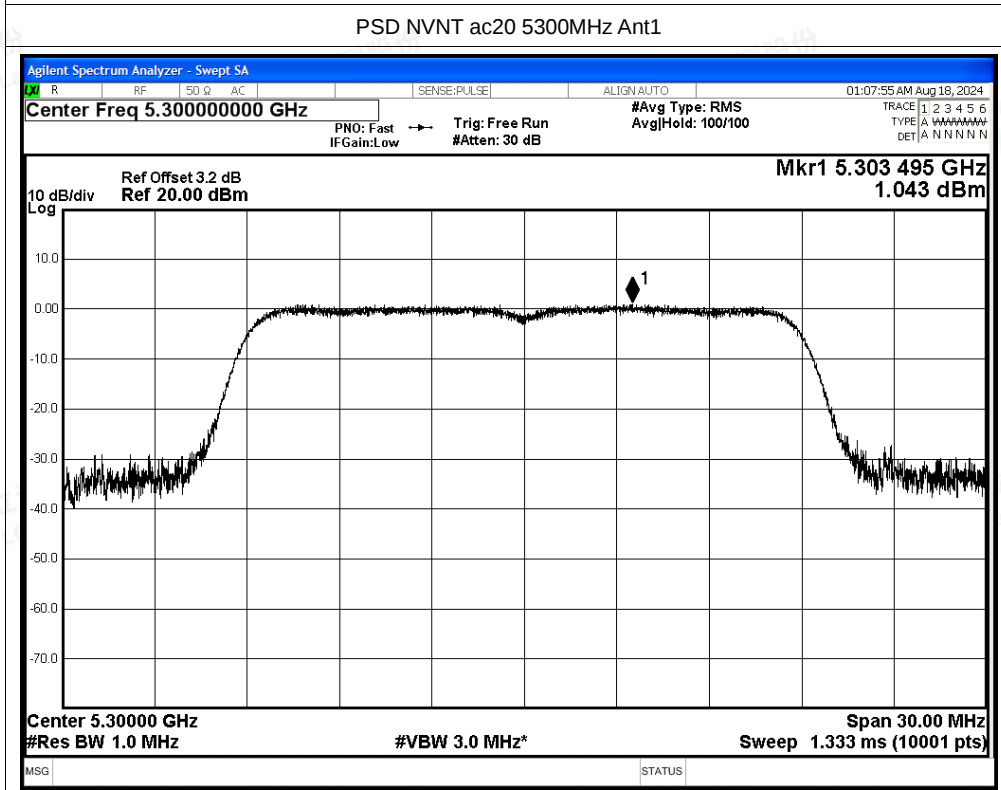
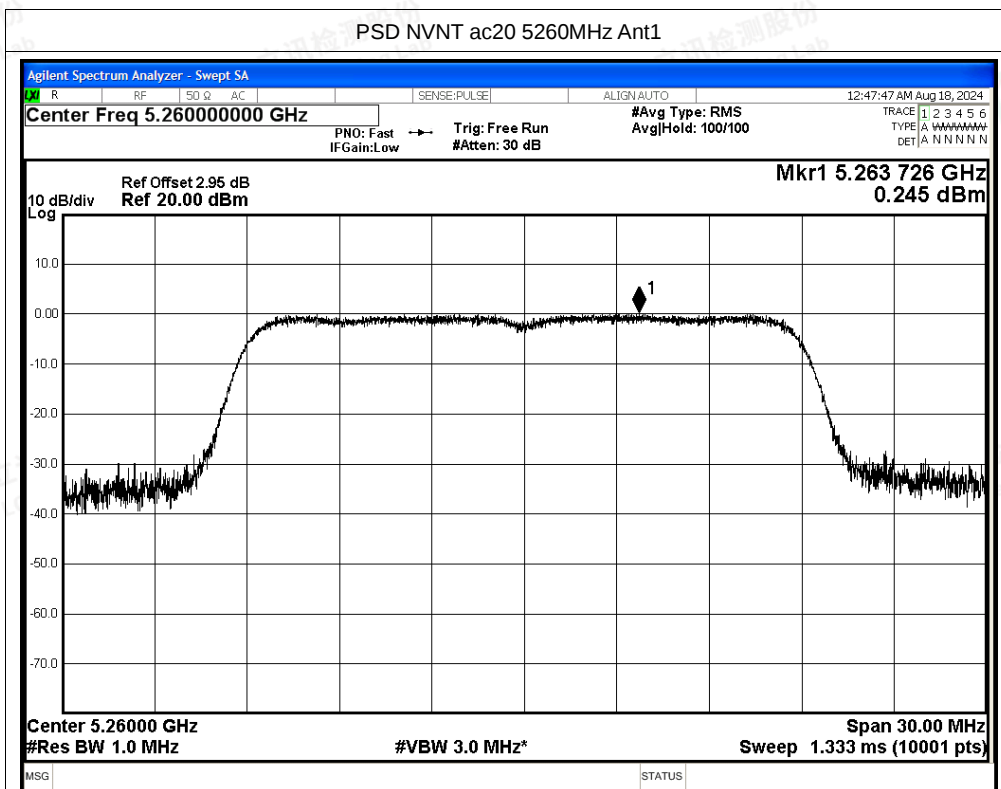


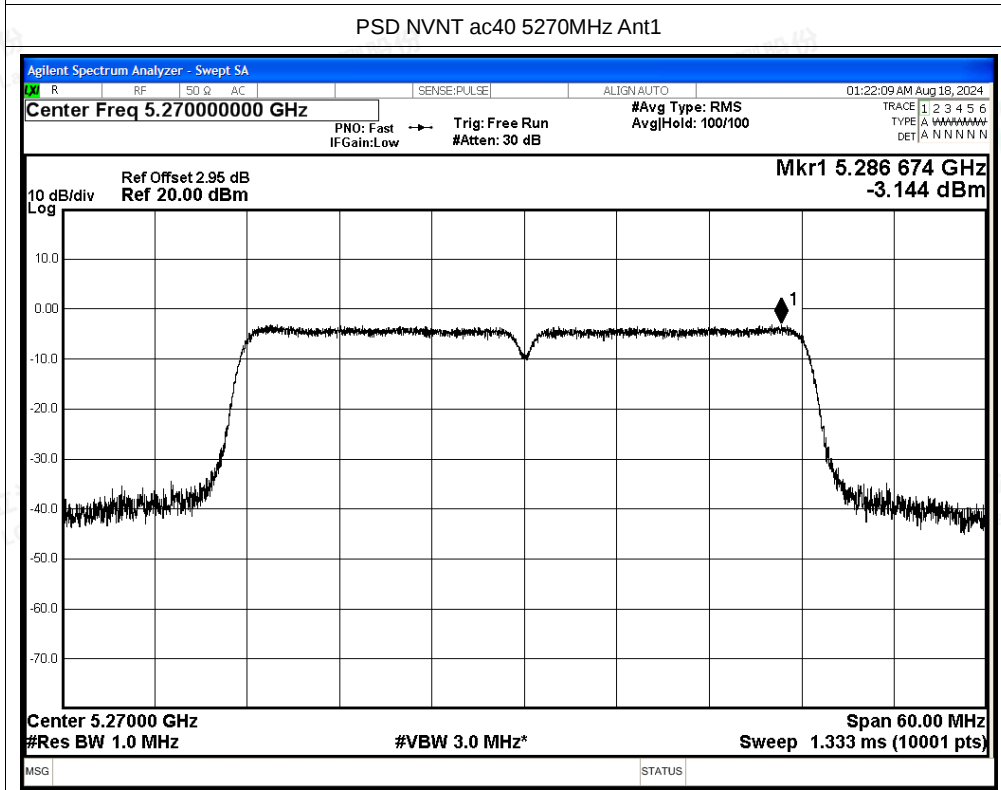
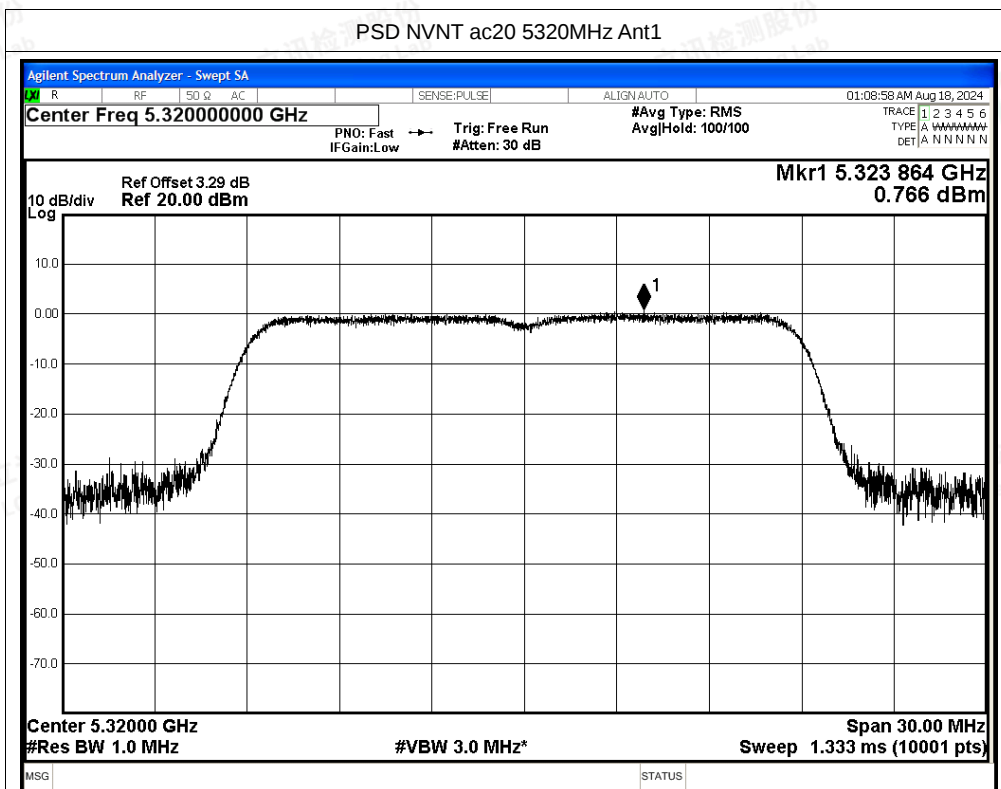
PSD NVNT n20 5260MHz Ant1





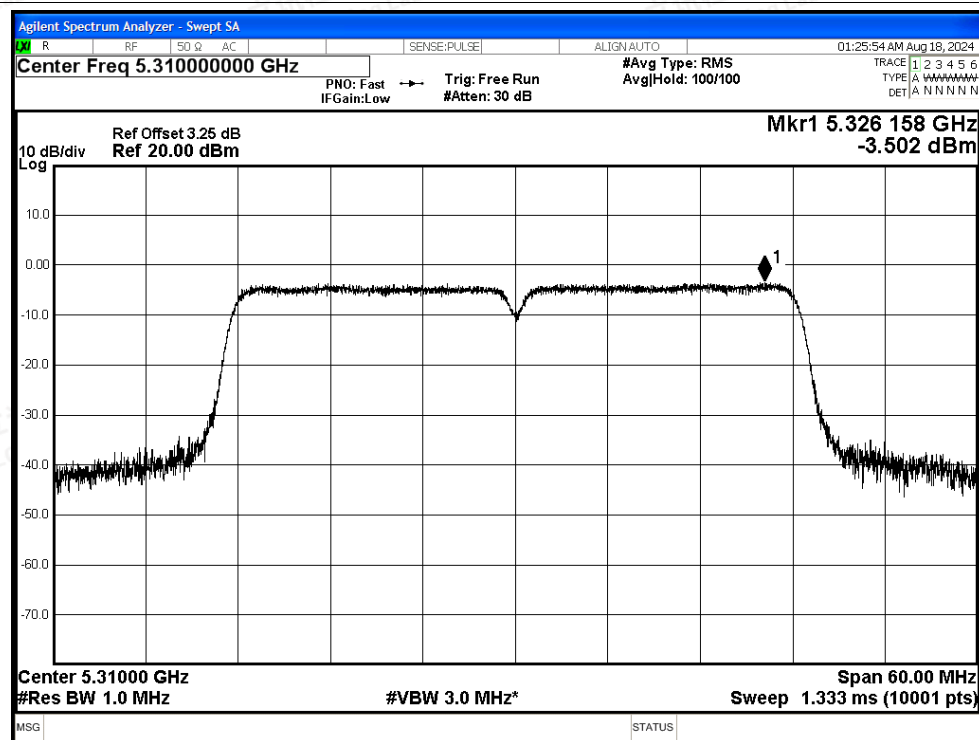




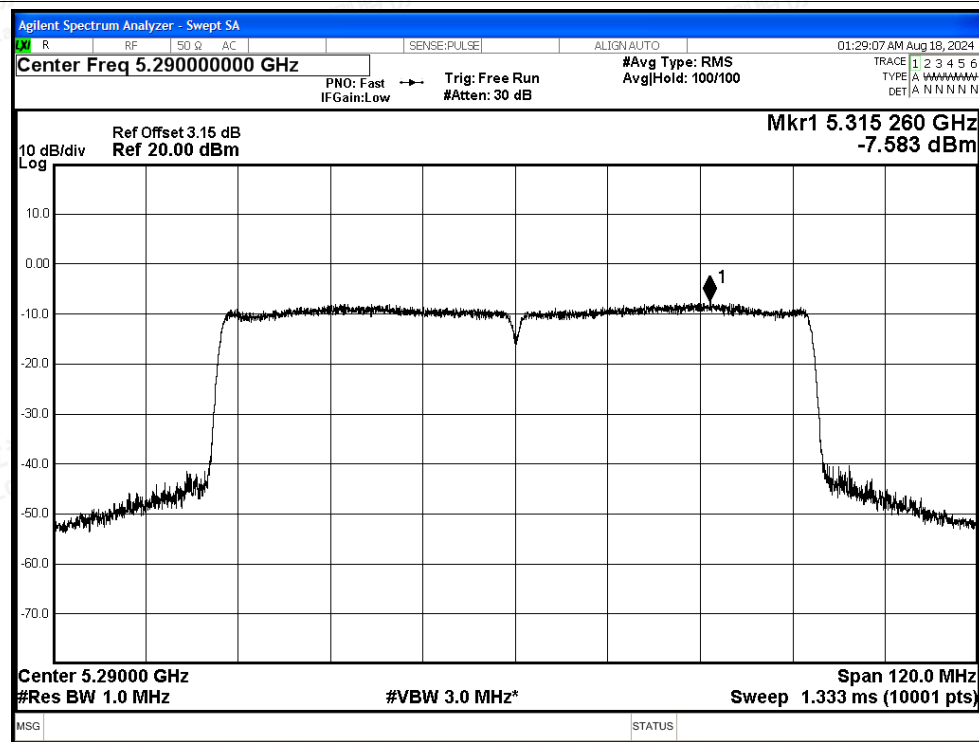




PSD NVNT ac40 5310MHz Ant1



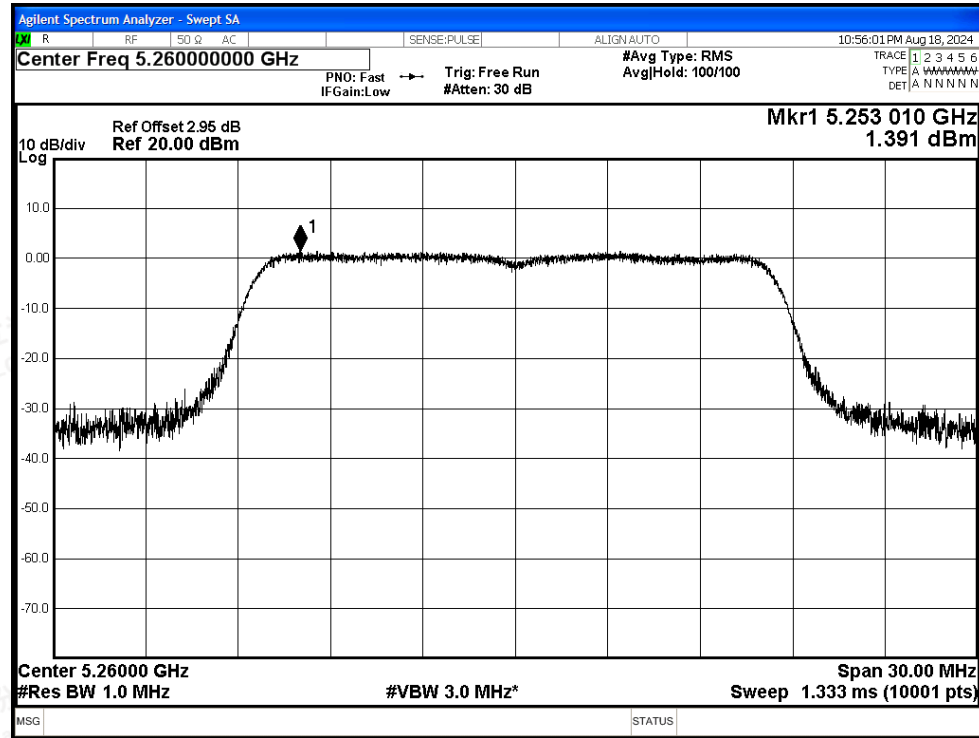
PSD NVNT ac80 5290MHz Ant1



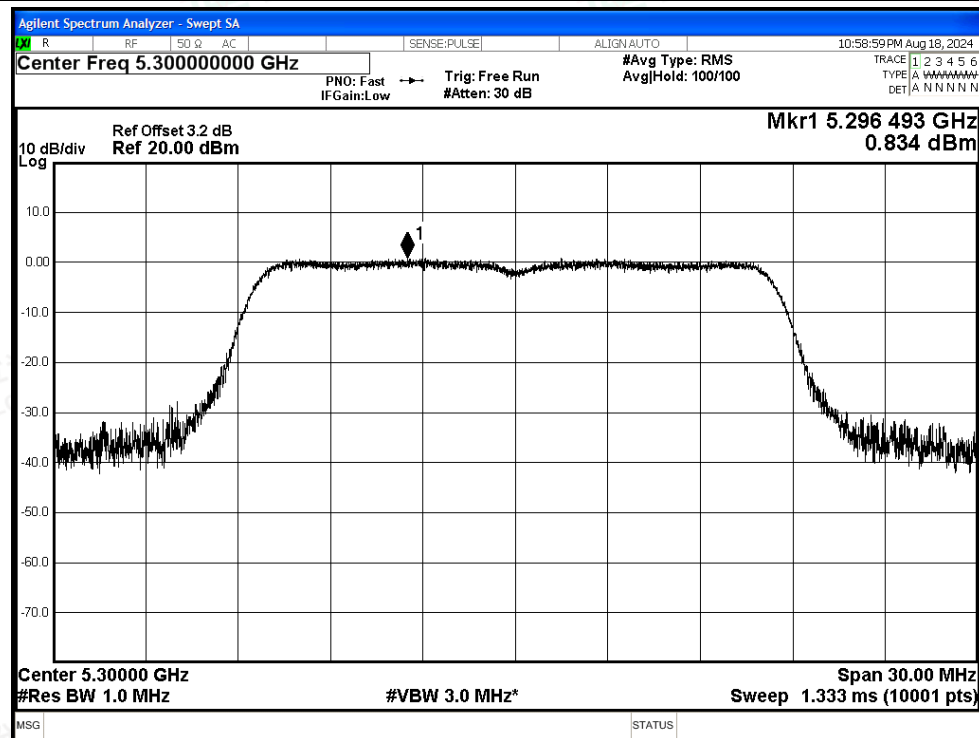


## Test Graphs

## PSD NVNT a 5260MHz Ant2

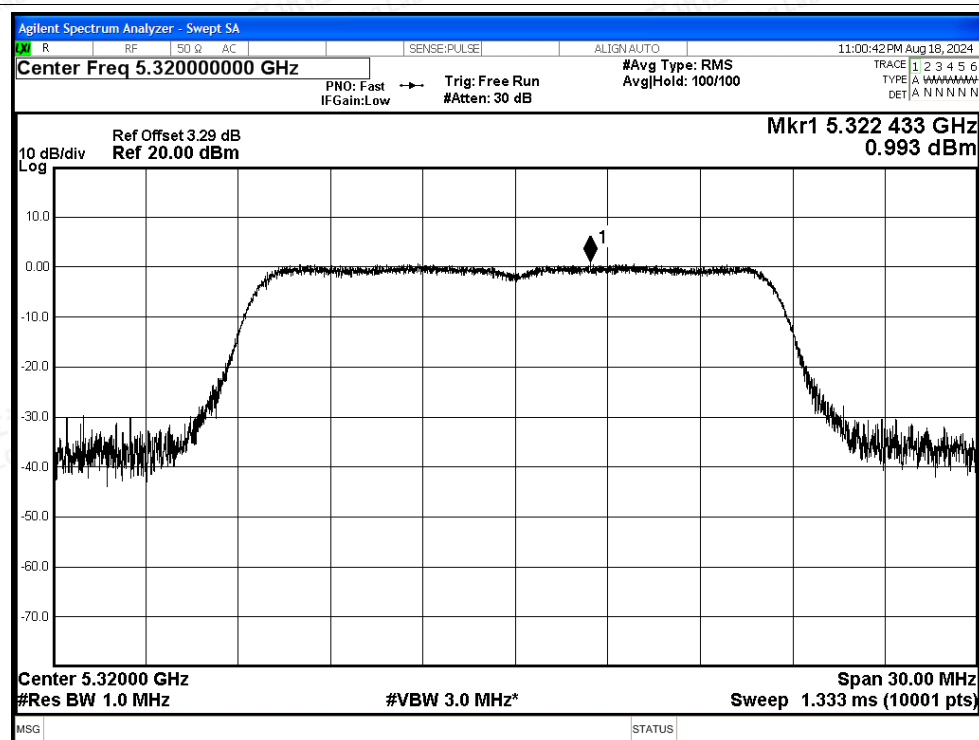


## PSD NVNT a 5300MHz Ant2

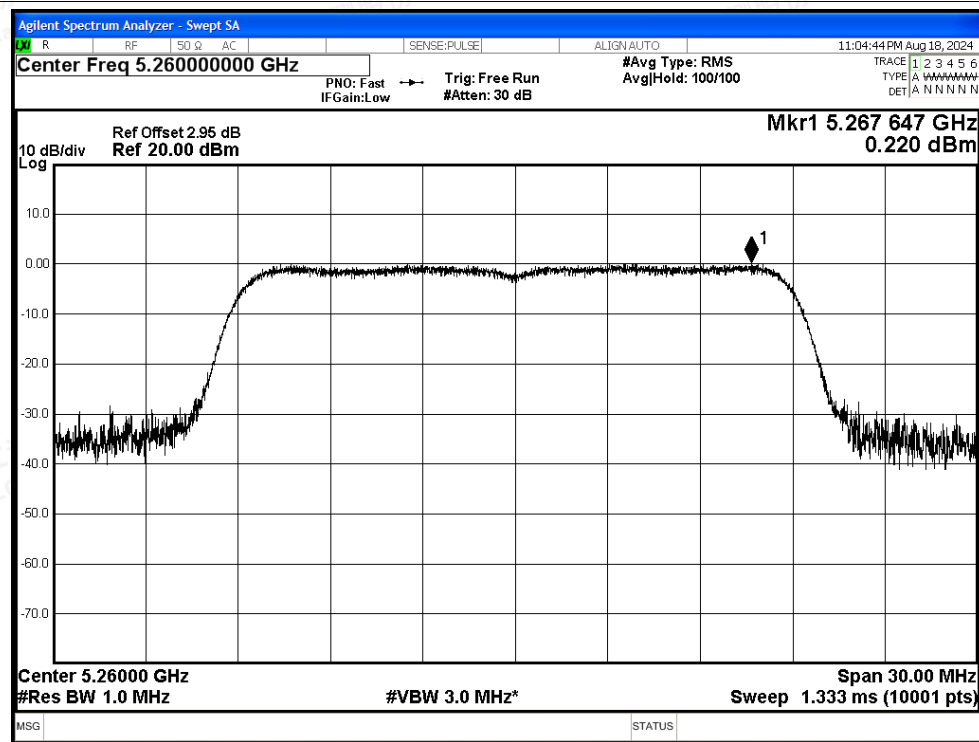


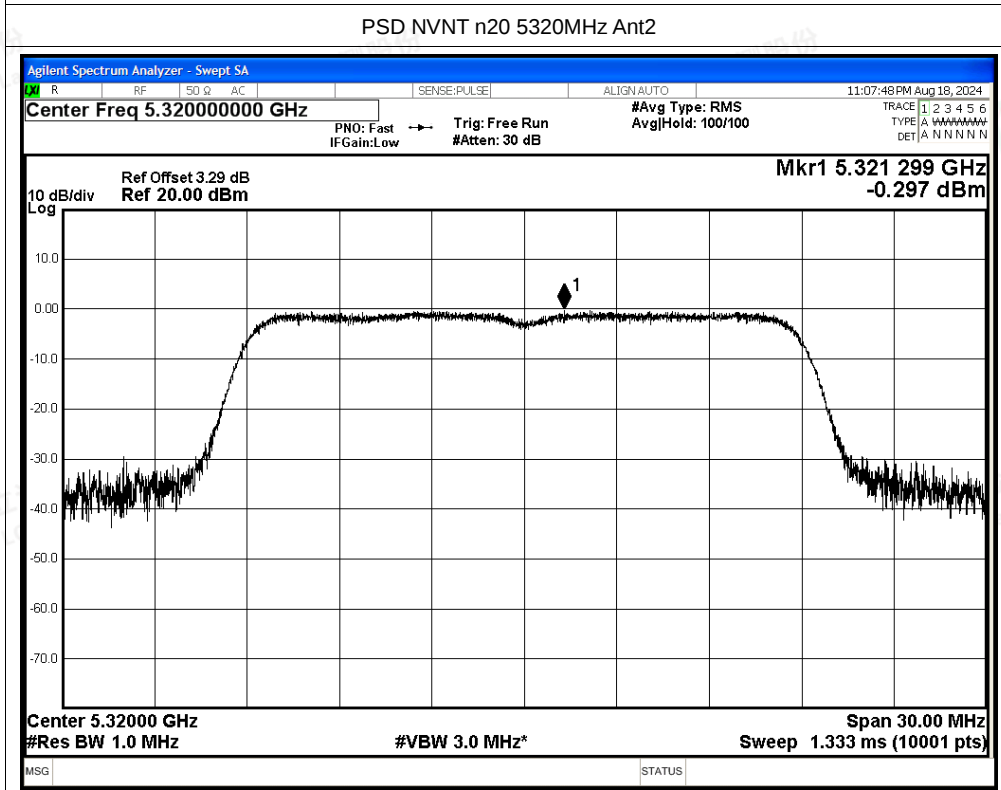
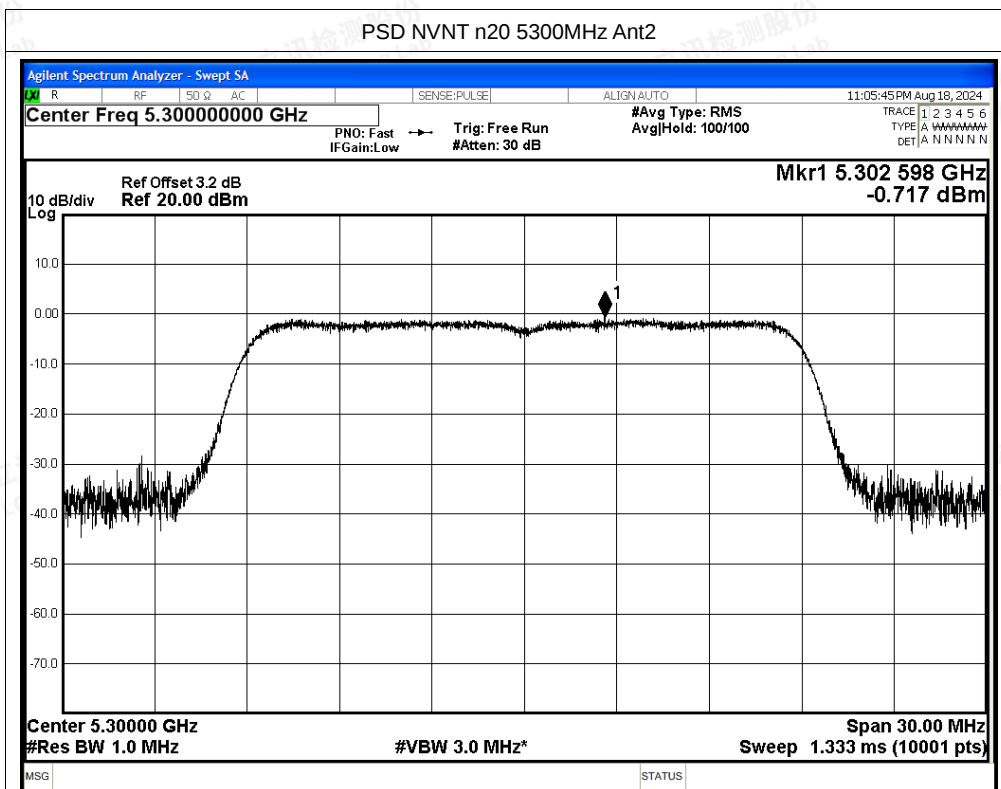


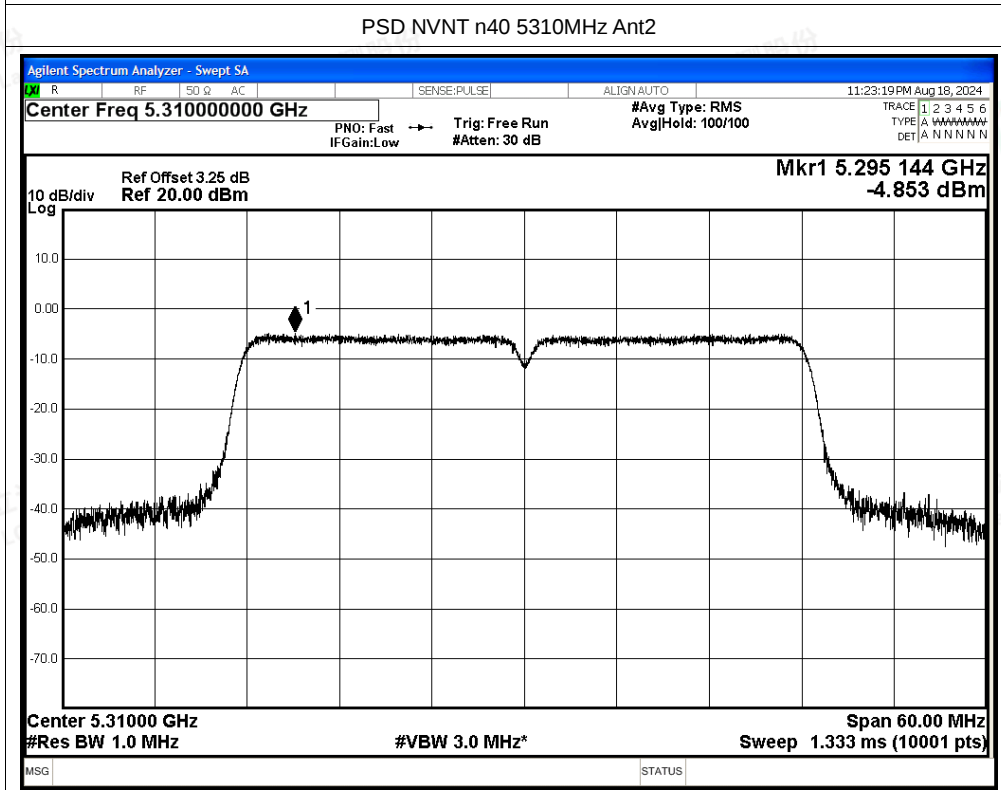
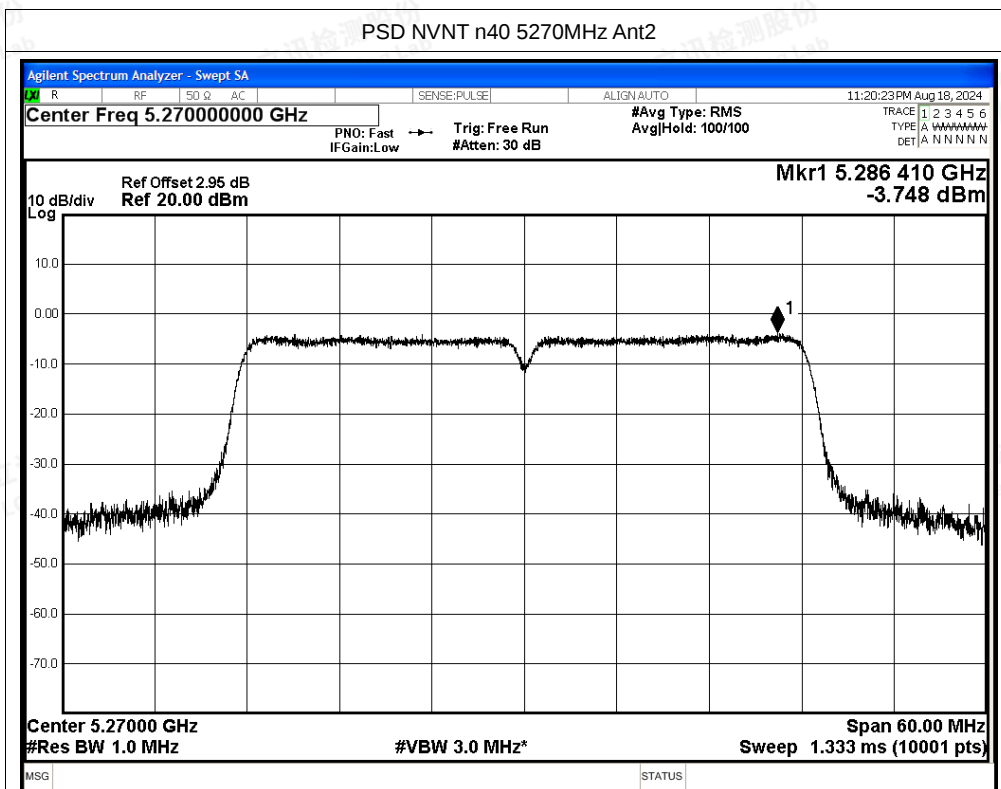
PSD NVNT a 5320MHz Ant2

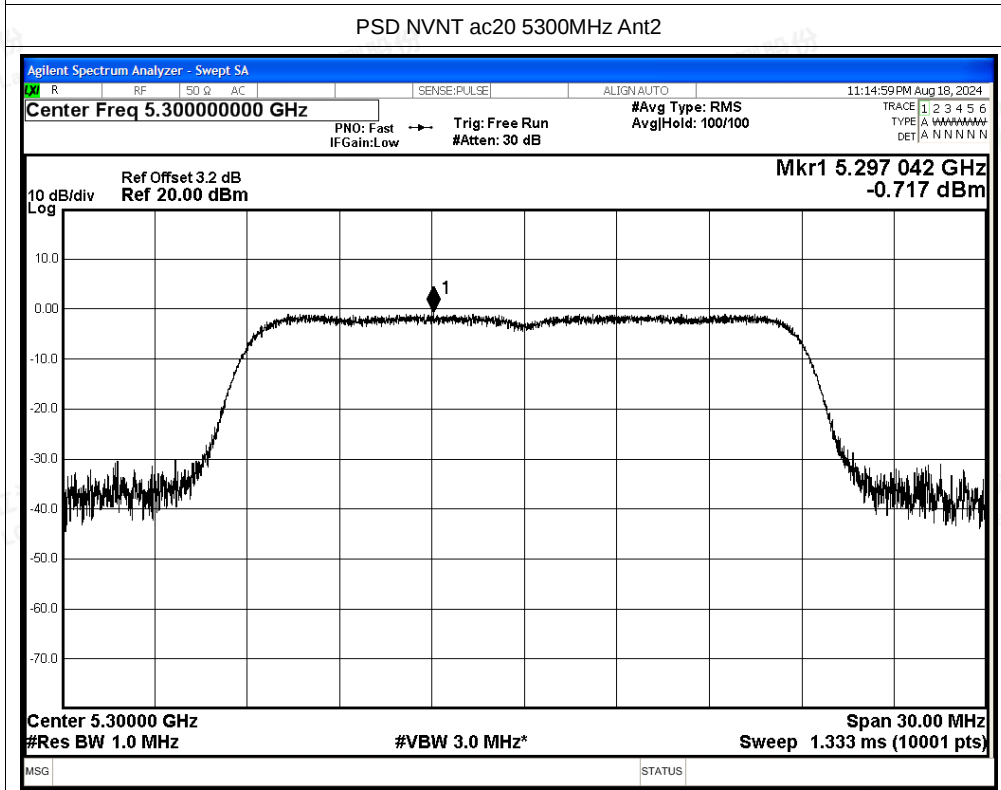
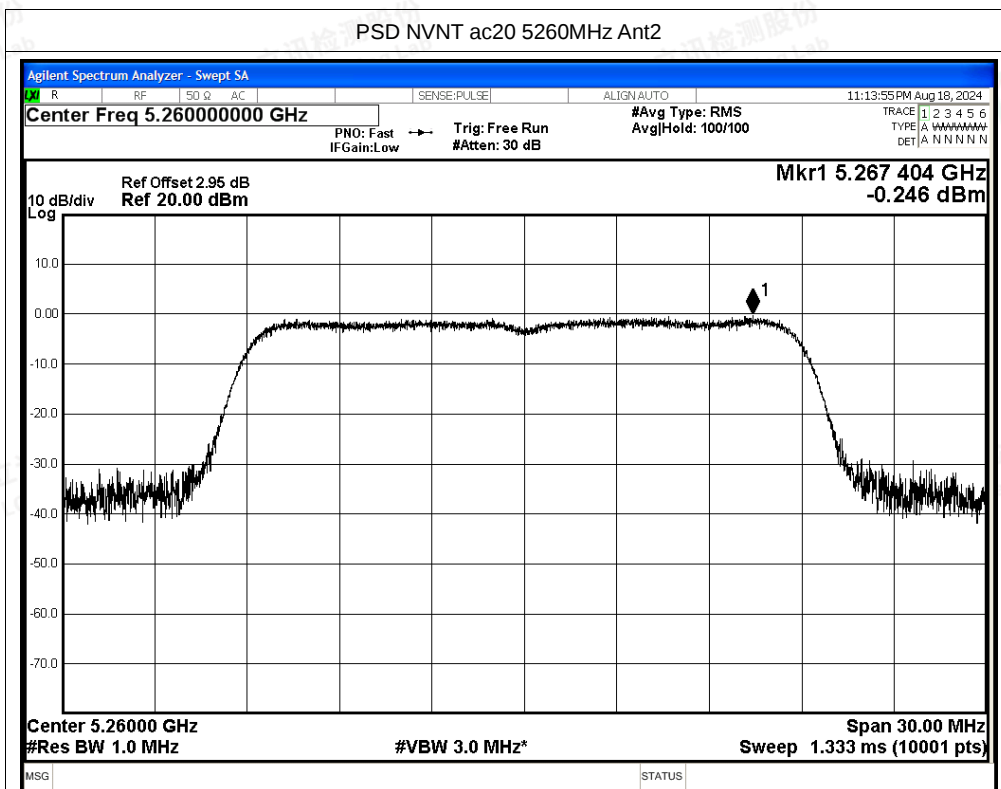


PSD NVNT n20 5260MHz Ant2



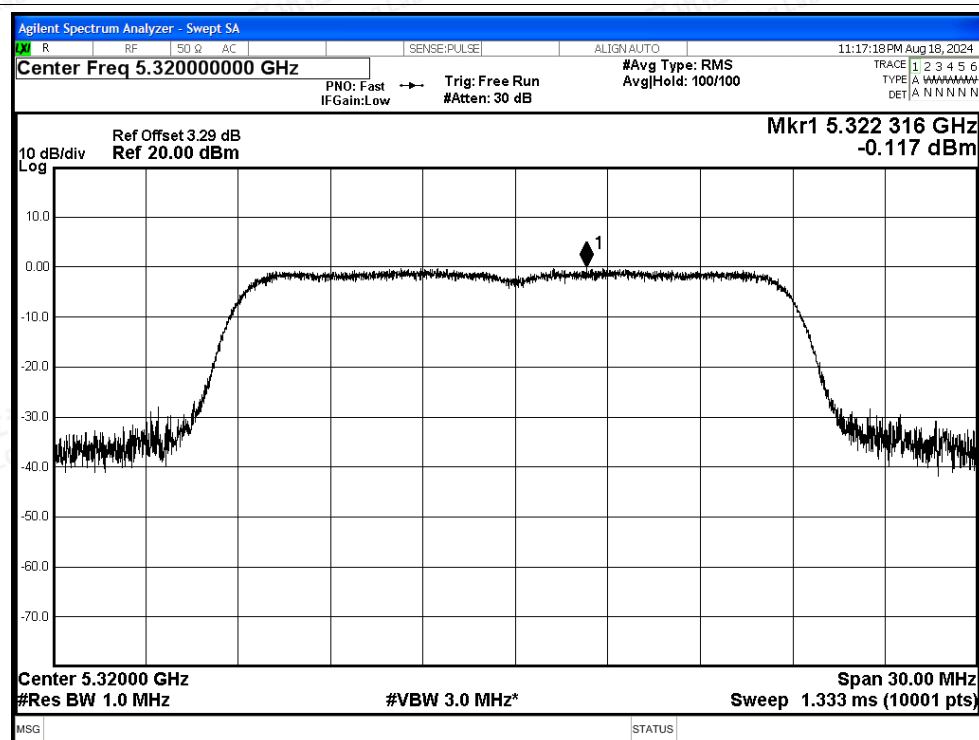




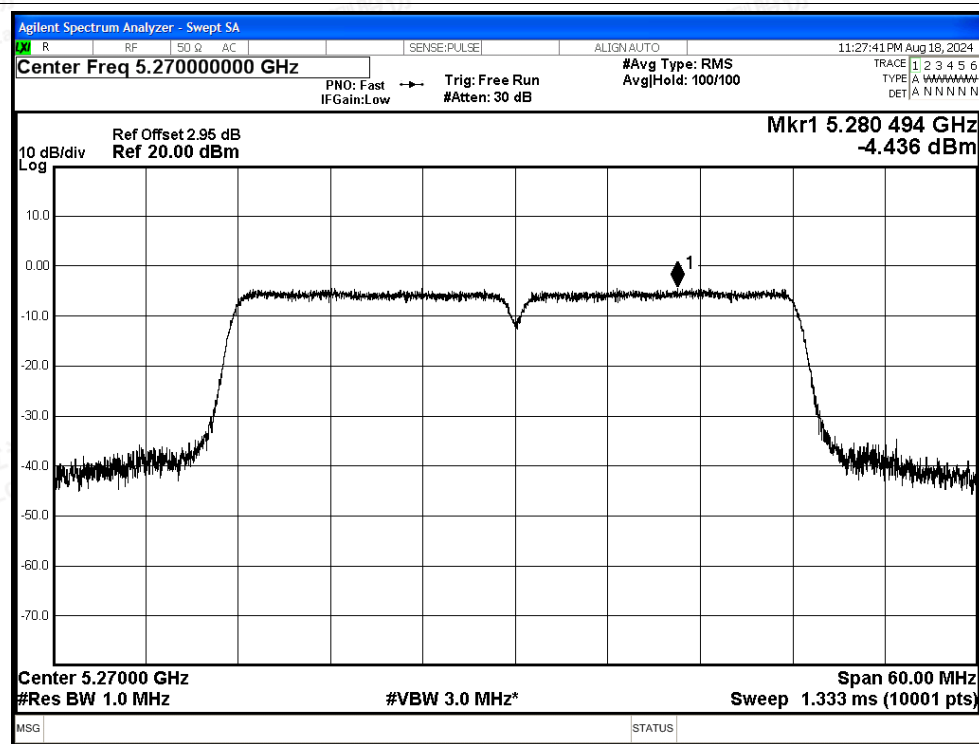




PSD NVNT ac20 5320MHz Ant2

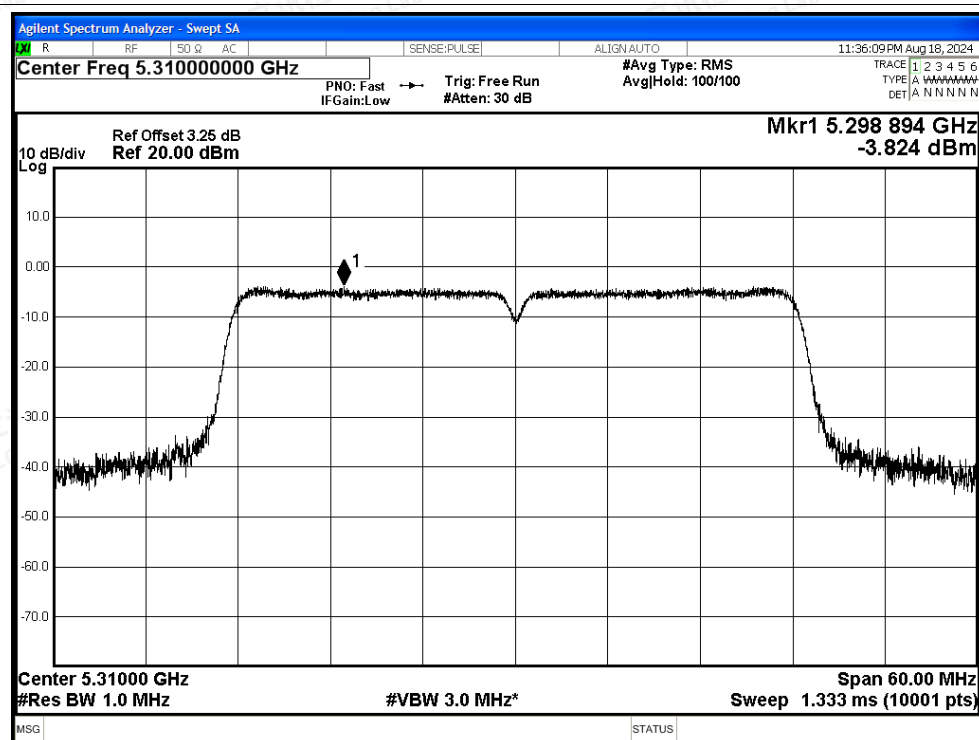


PSD NVNT ac40 5270MHz Ant2

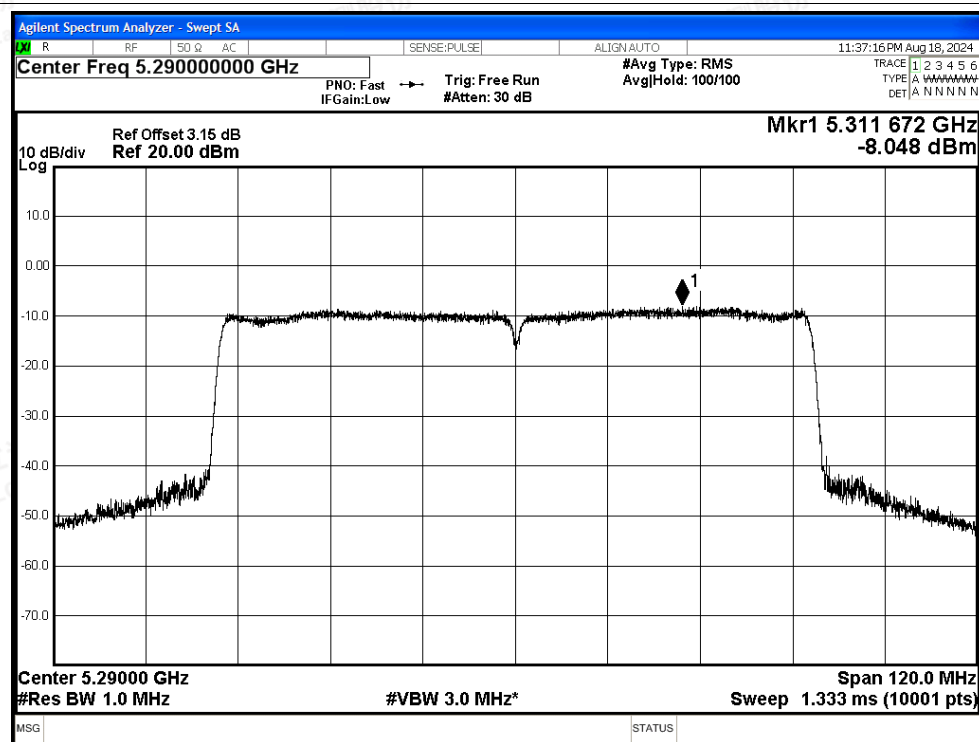




PSD NVNT ac40 5310MHz Ant2



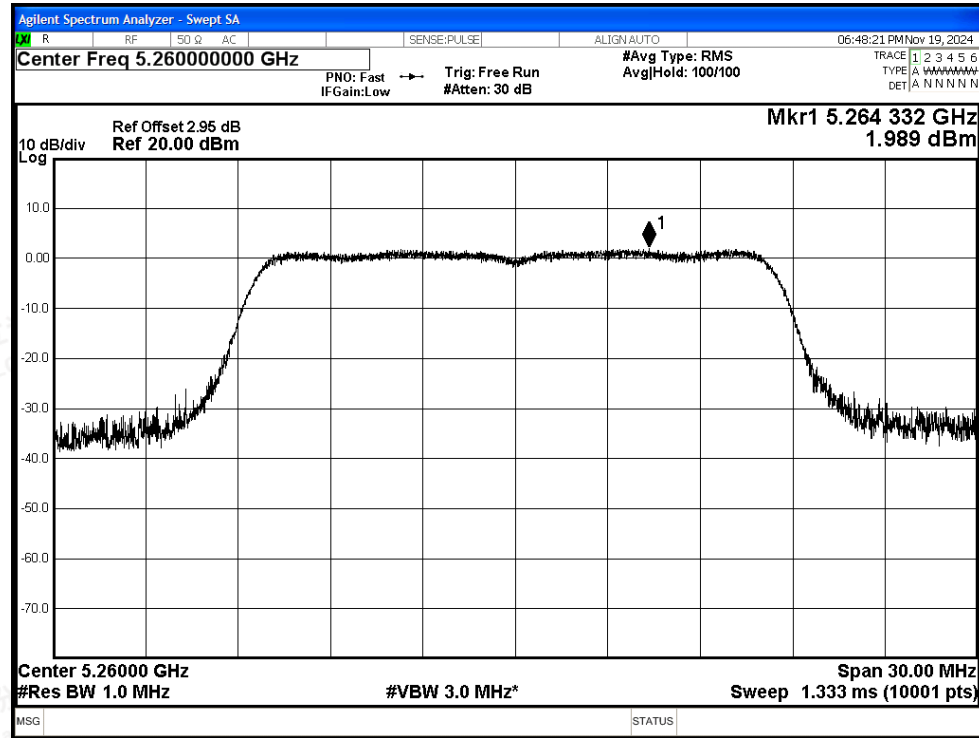
PSD NVNT ac80 5290MHz Ant2



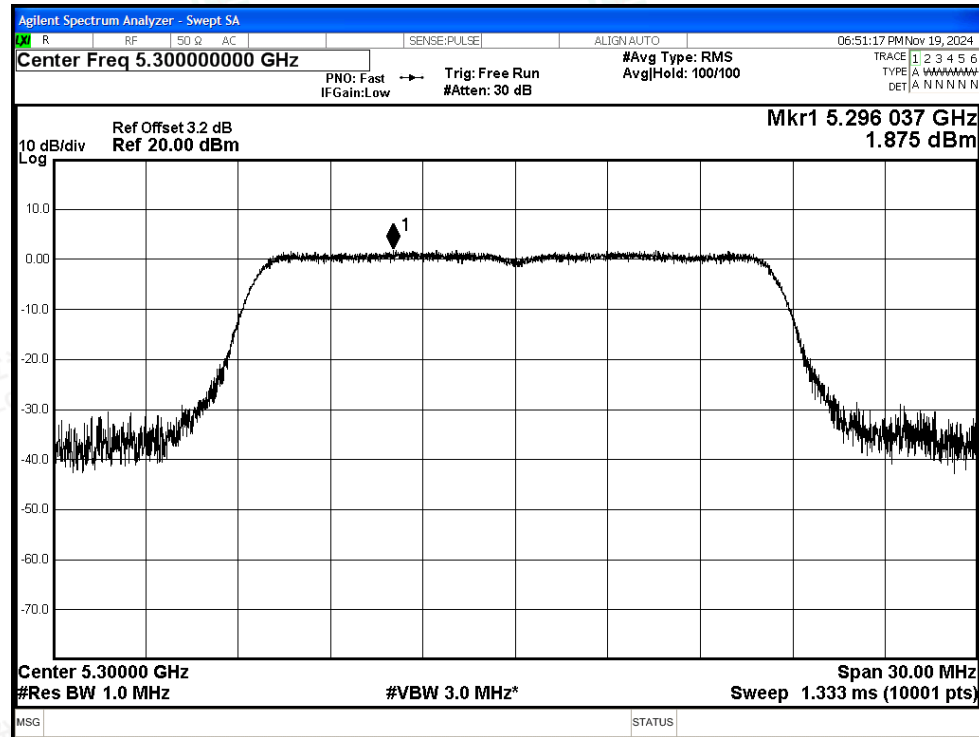


## Test Graphs

## PSD NVNT a 5260MHz Ant3

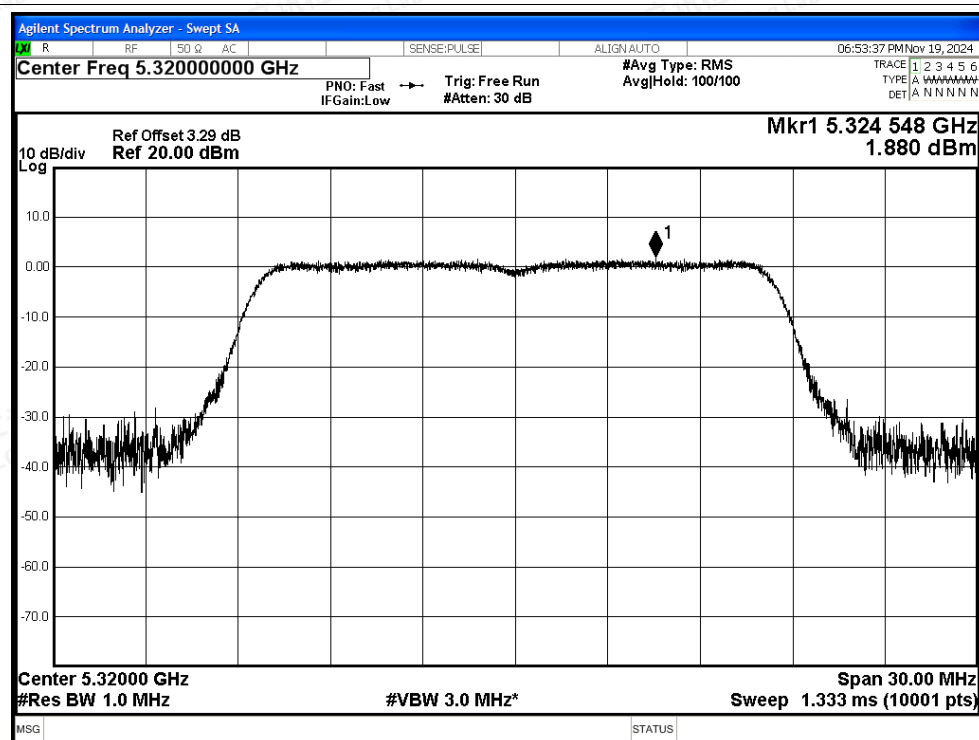


## PSD NVNT a 5300MHz Ant3

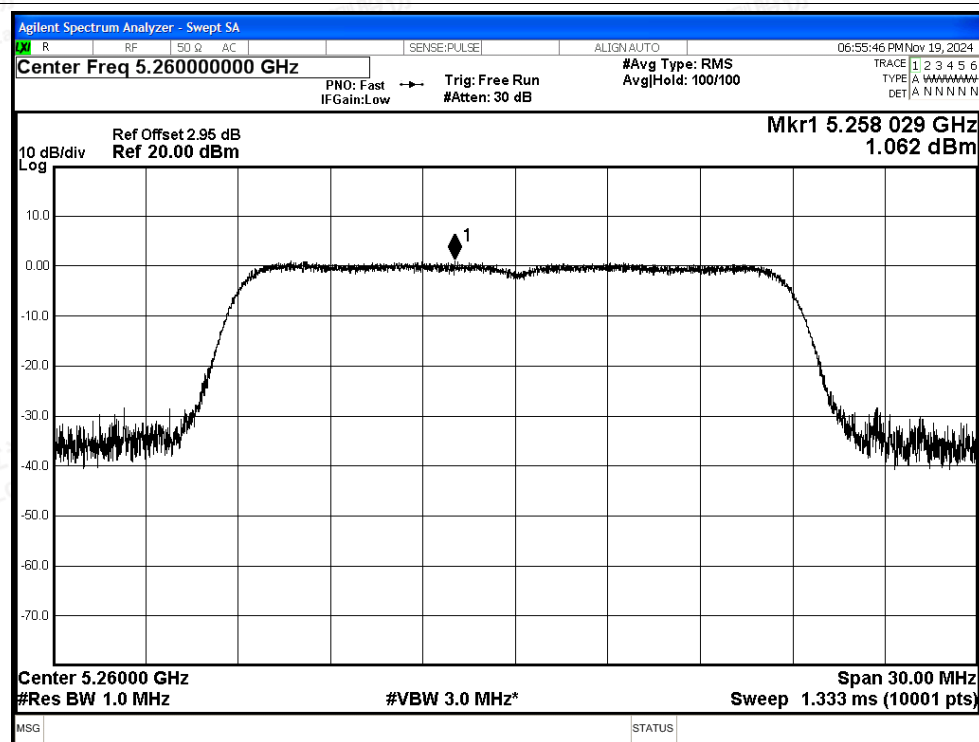


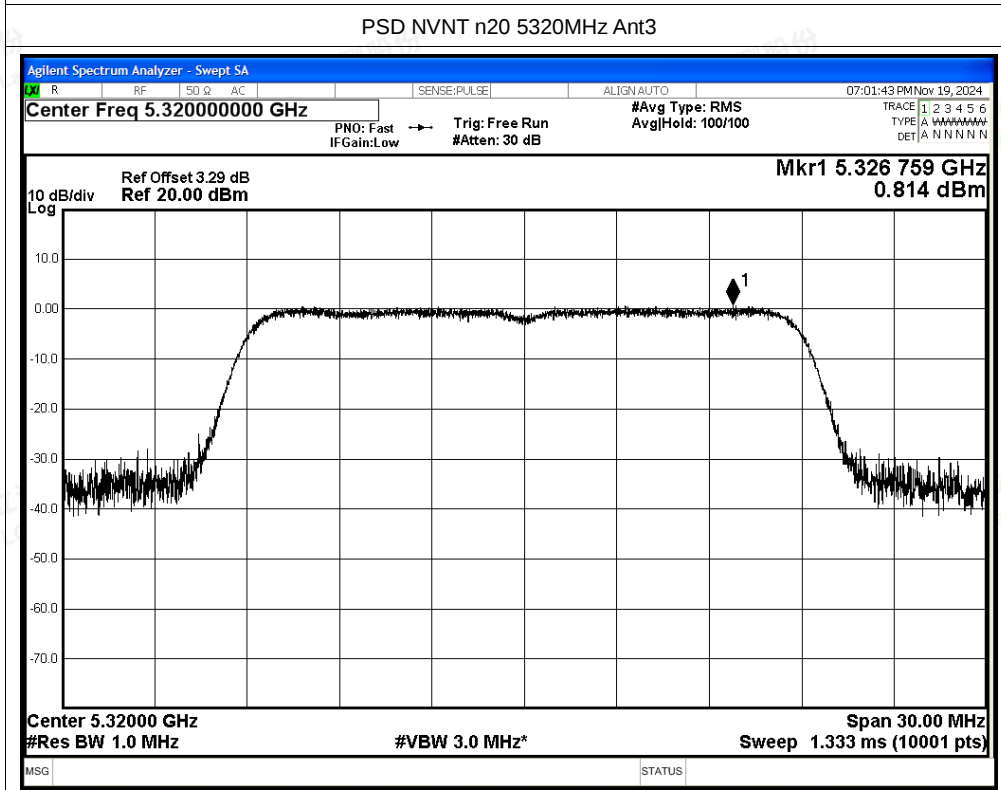
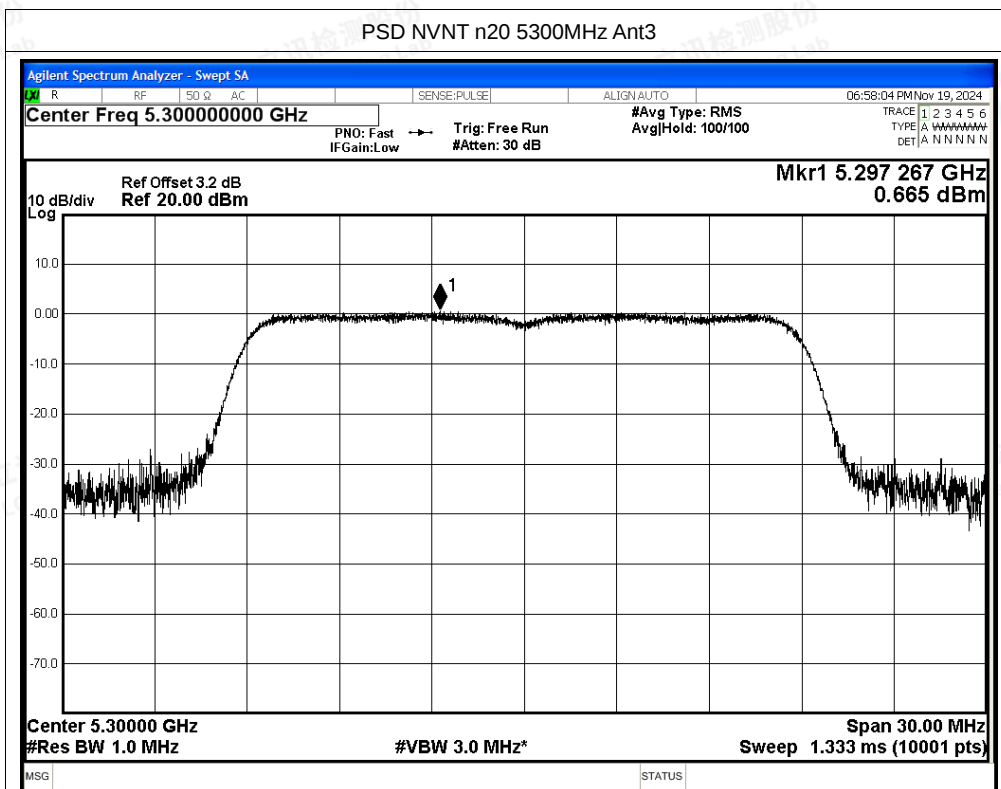


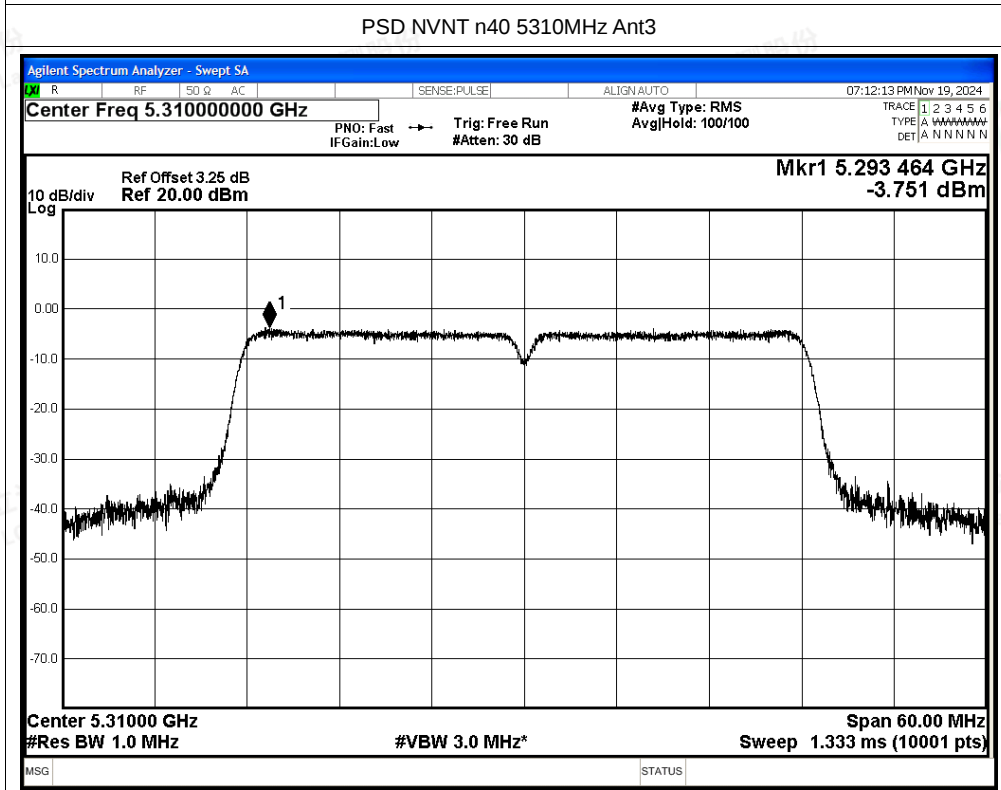
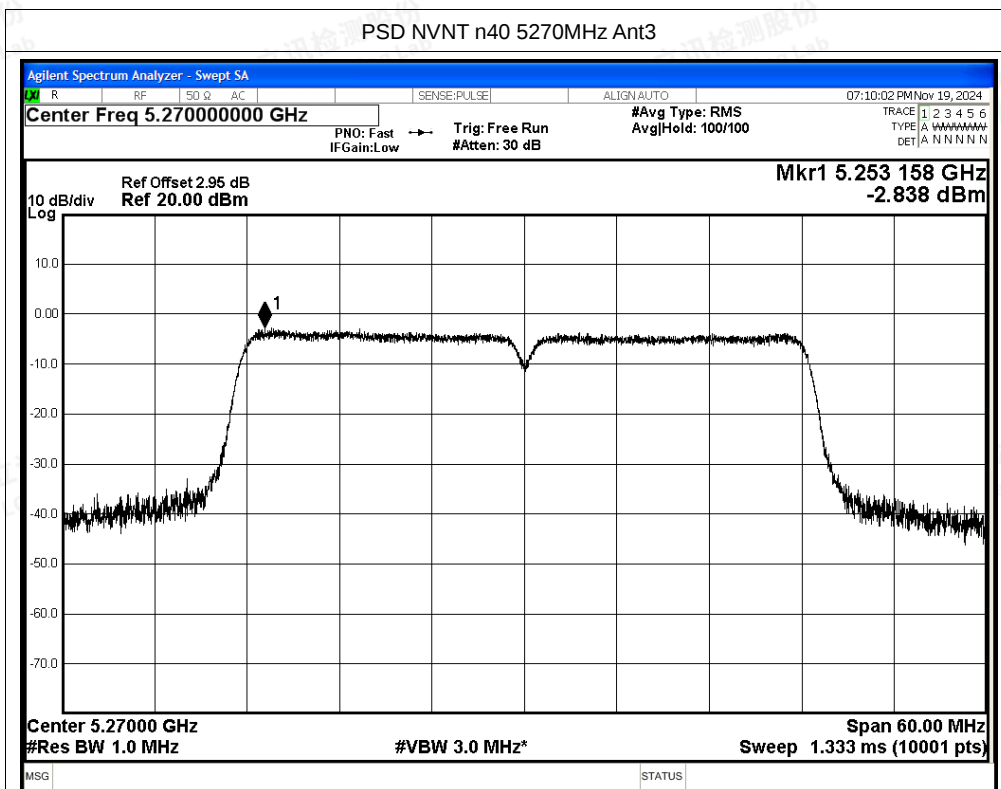
PSD NVNT a 5320MHz Ant3

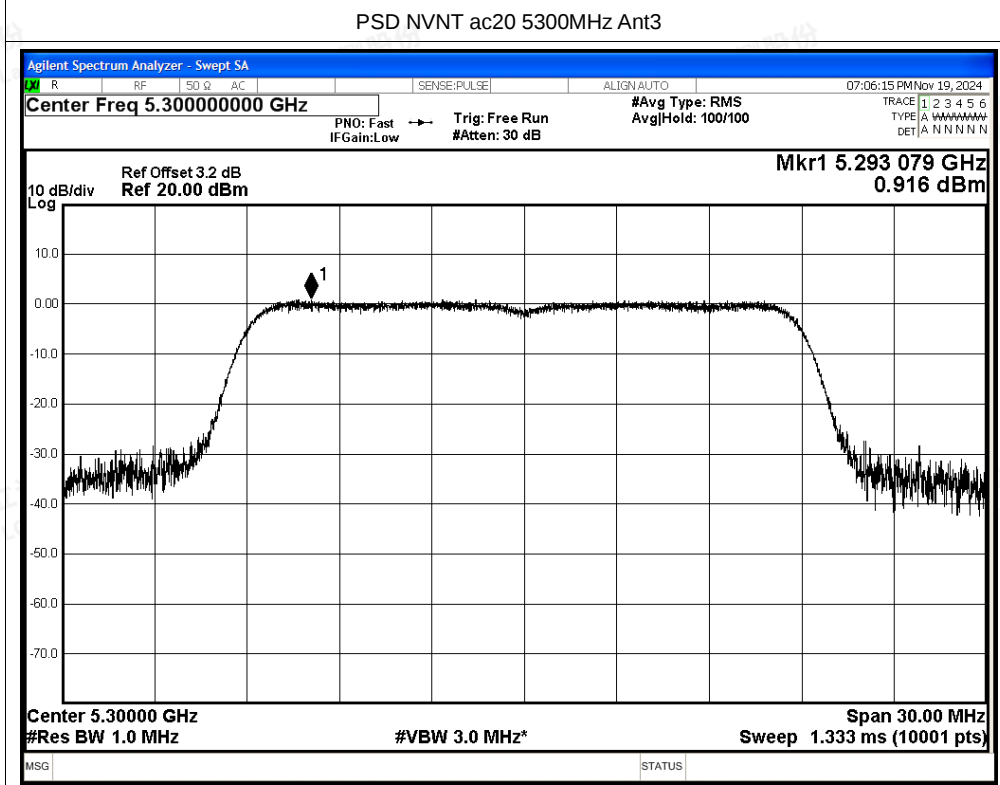
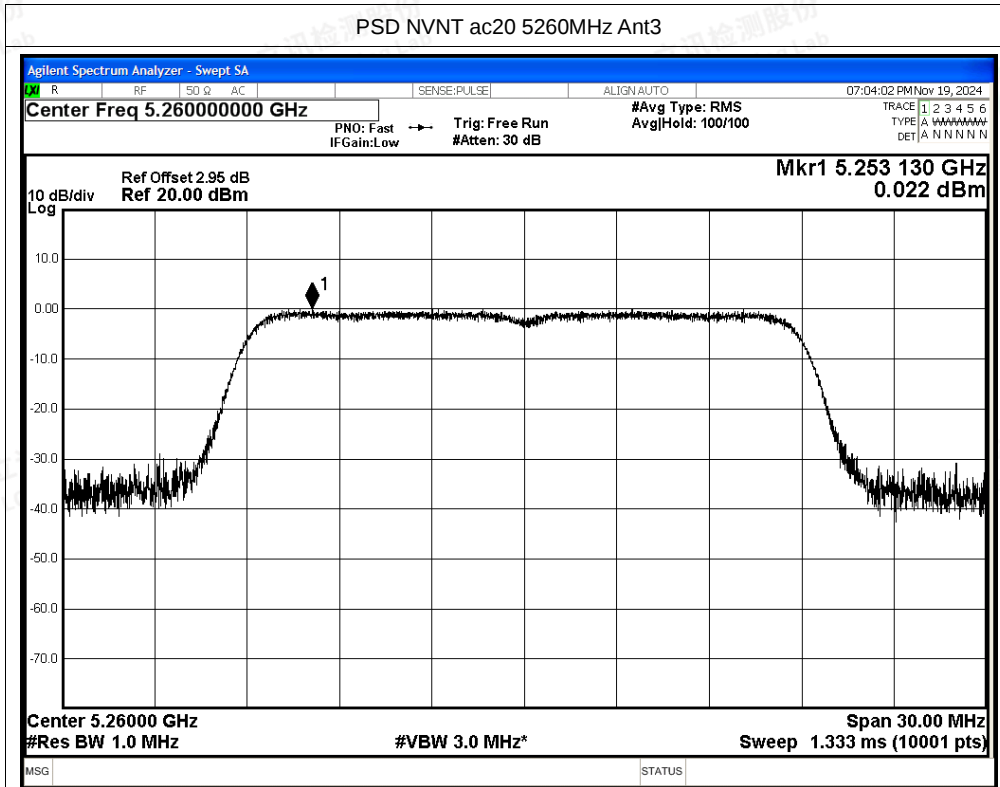


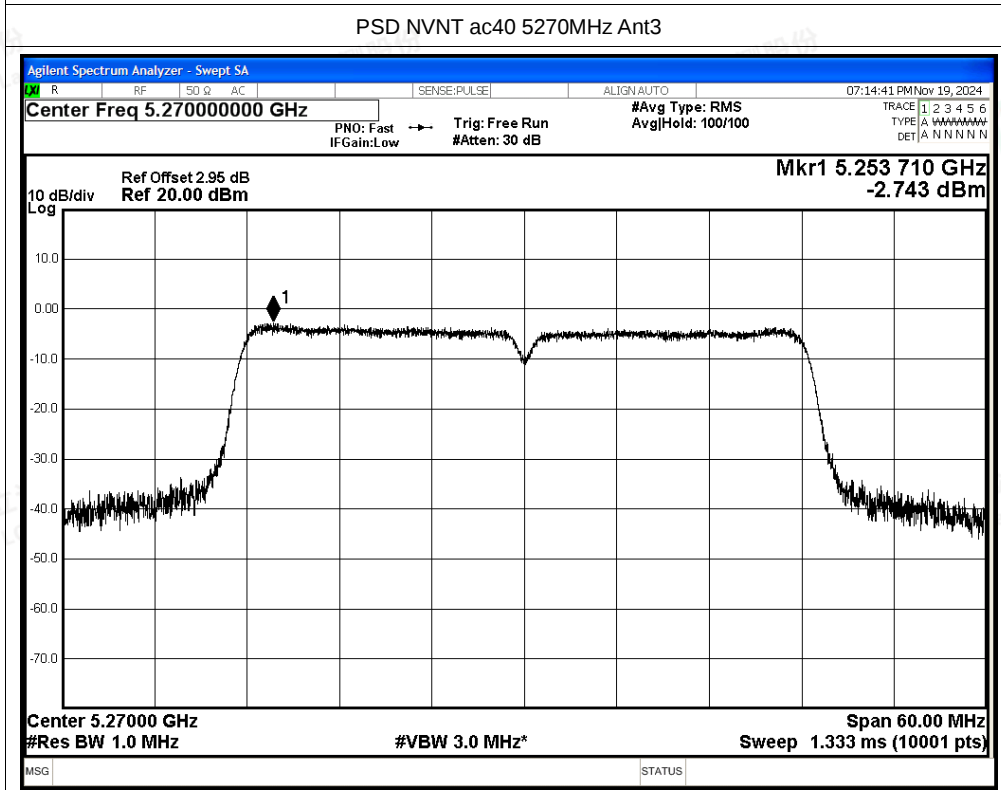
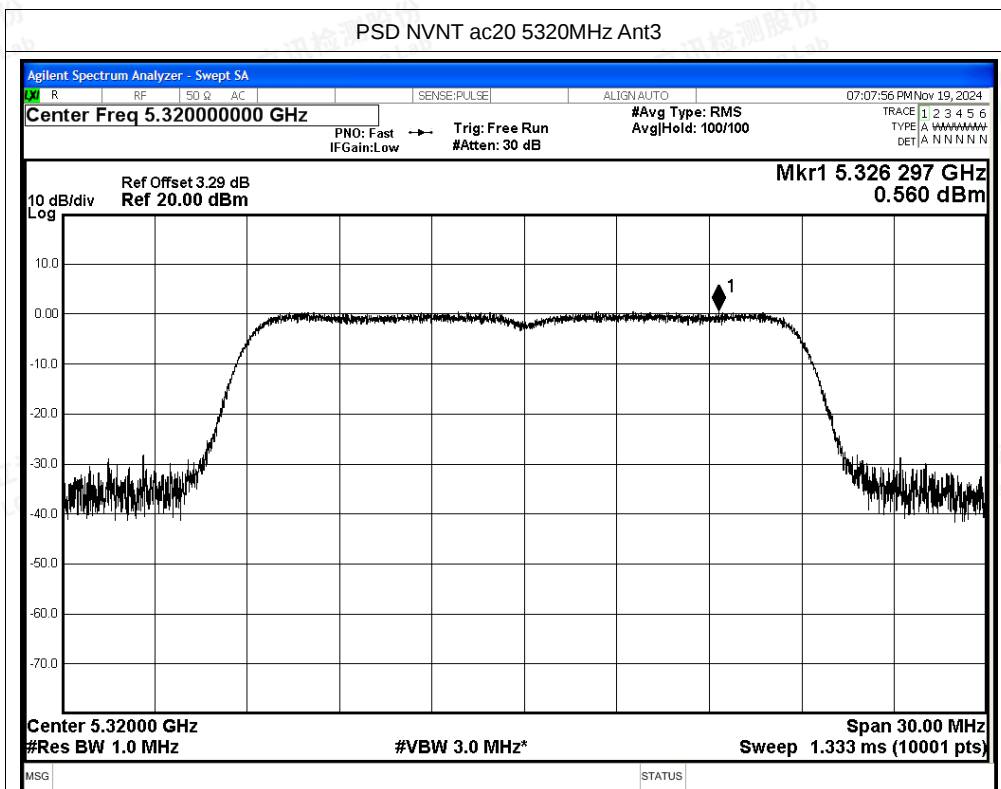
PSD NVNT n20 5260MHz Ant3





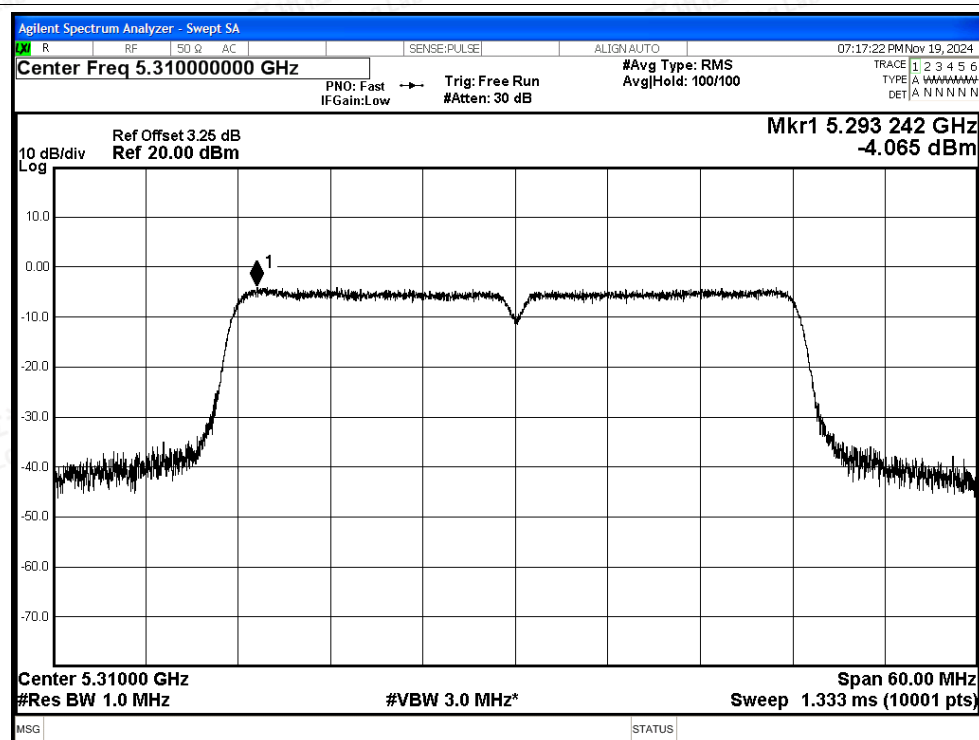




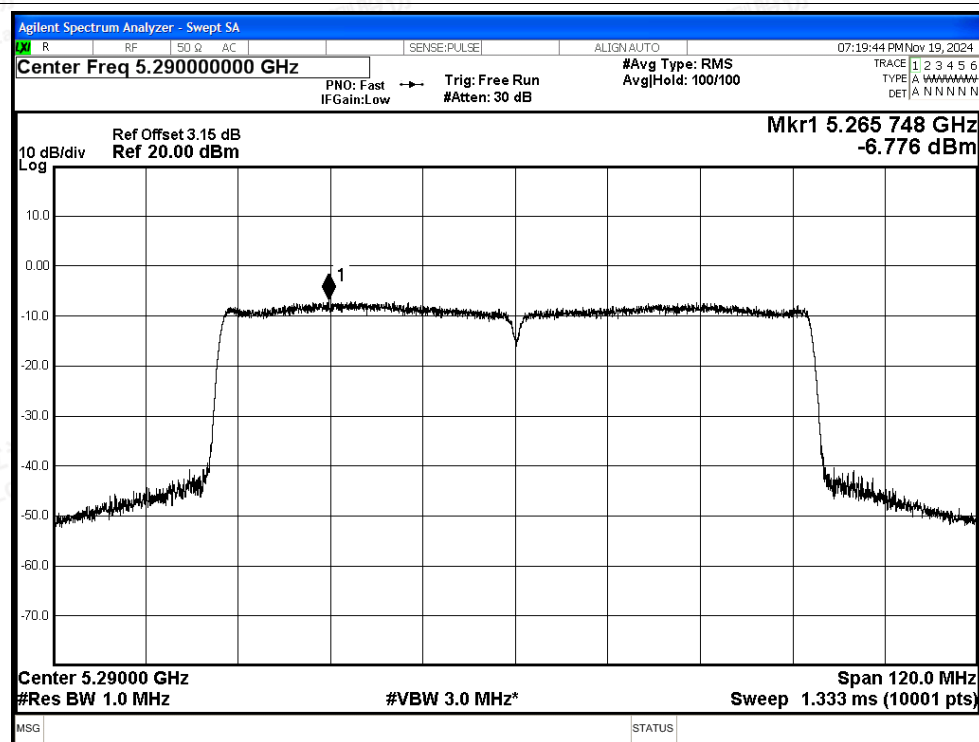




PSD NVNT ac40 5310MHz Ant3



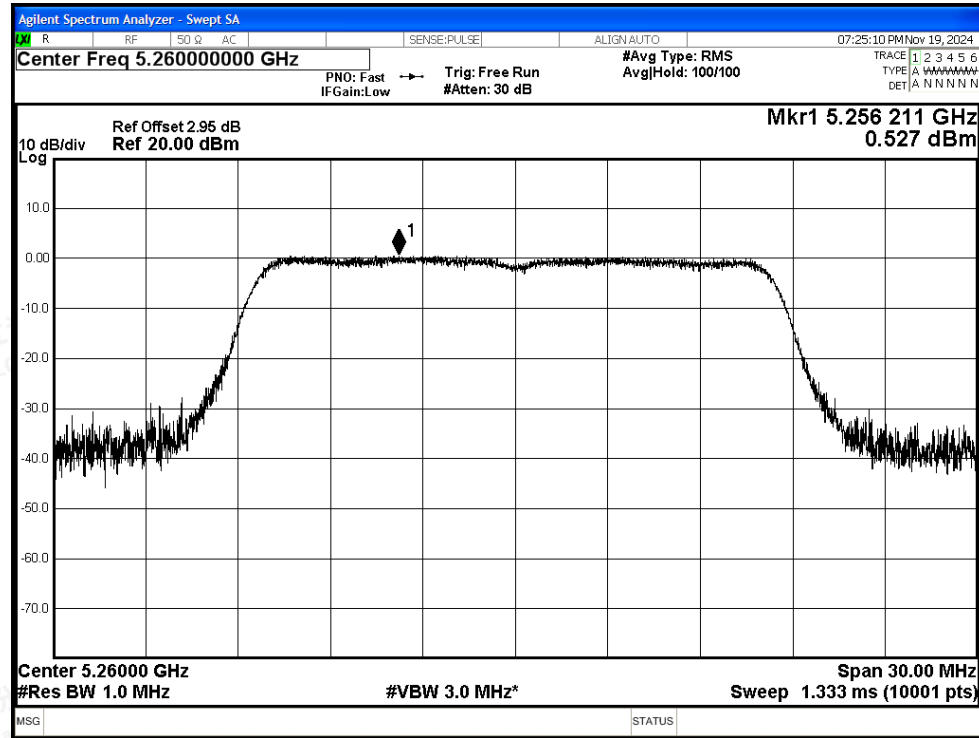
PSD NVNT ac80 5290MHz Ant3



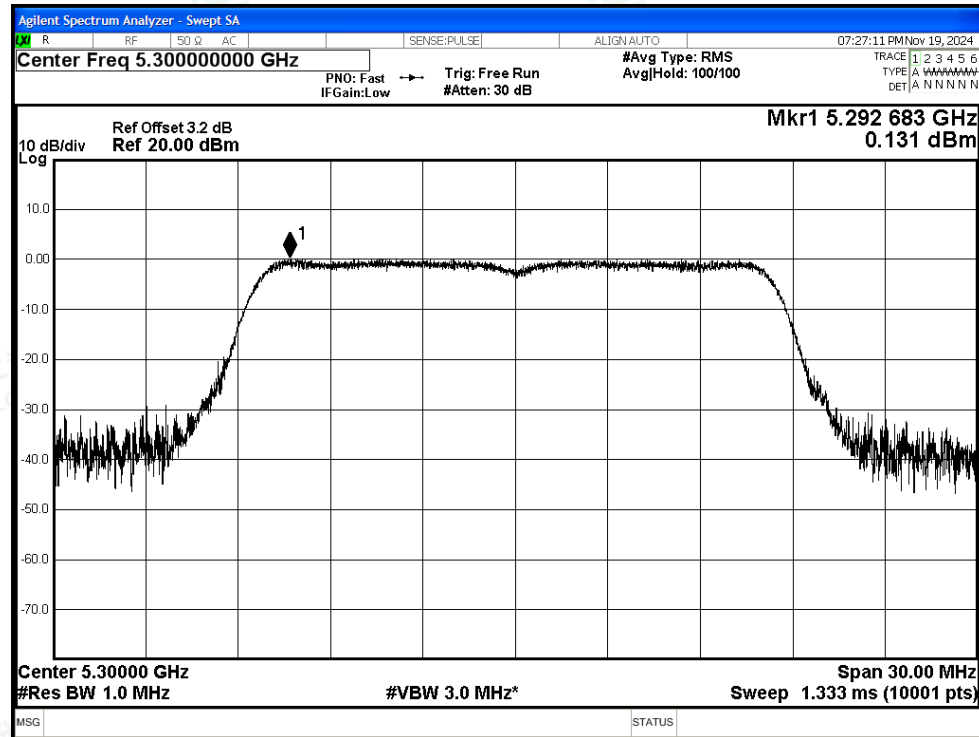


## Test Graphs

## PSD NVNT a 5260MHz Ant4

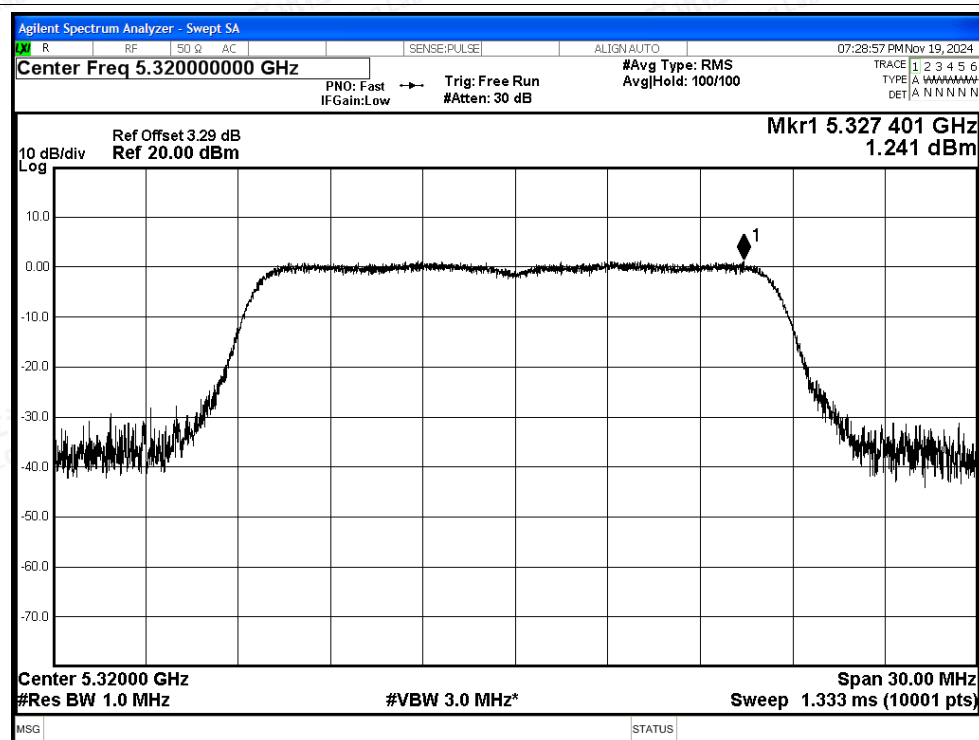


## PSD NVNT a 5300MHz Ant4

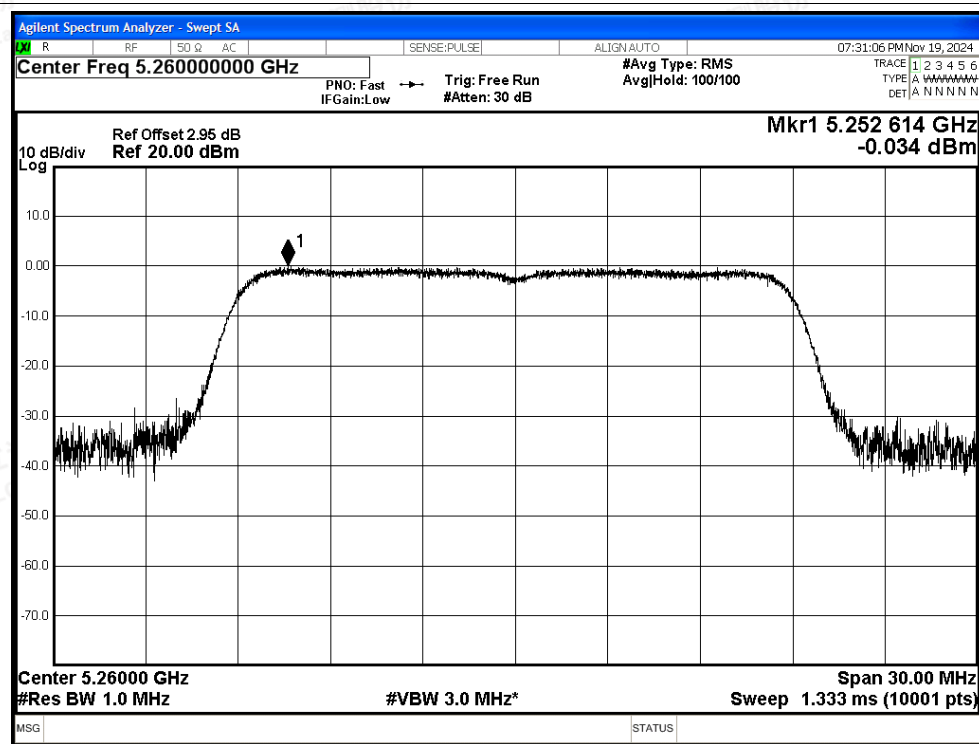


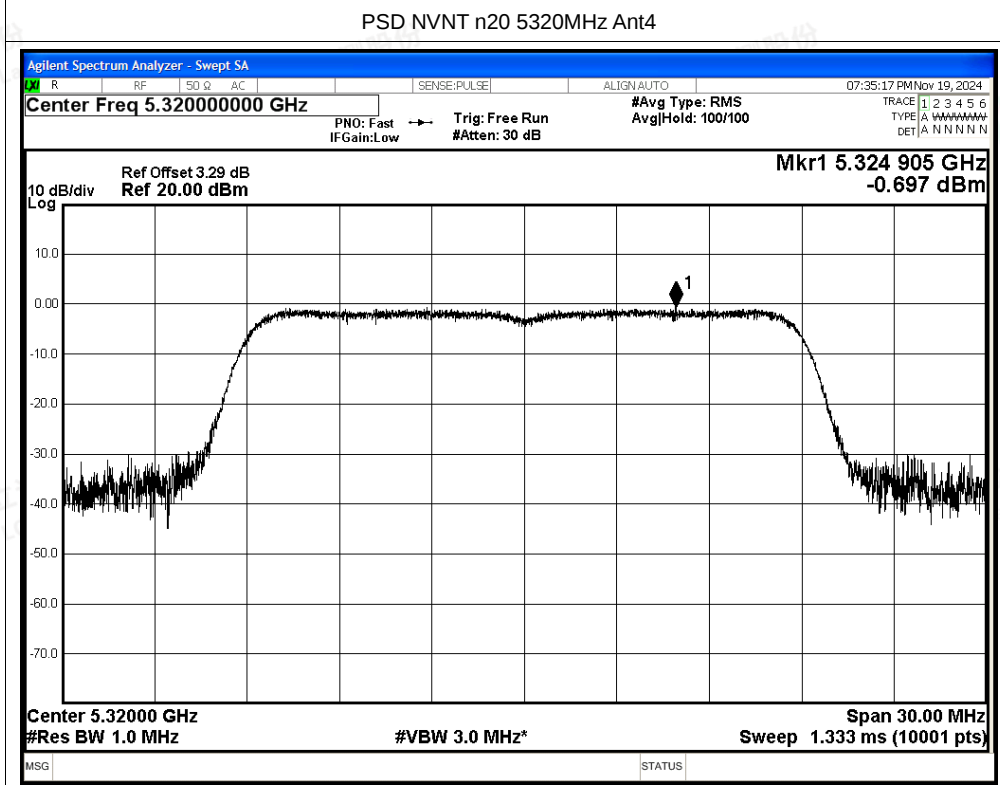
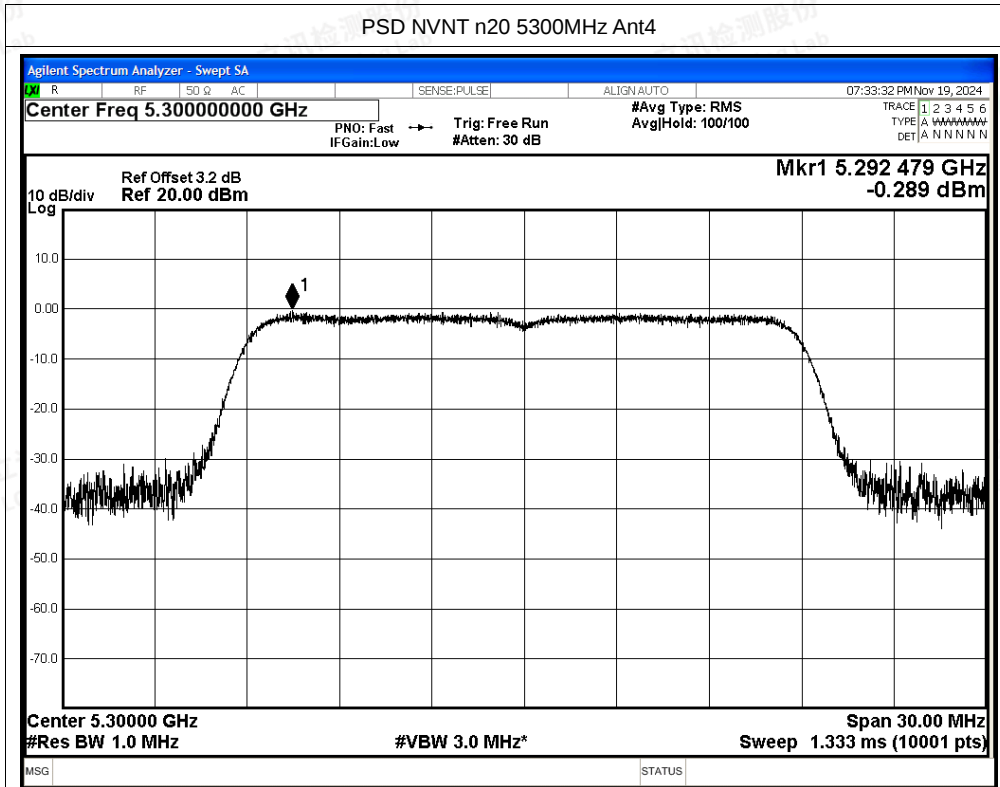


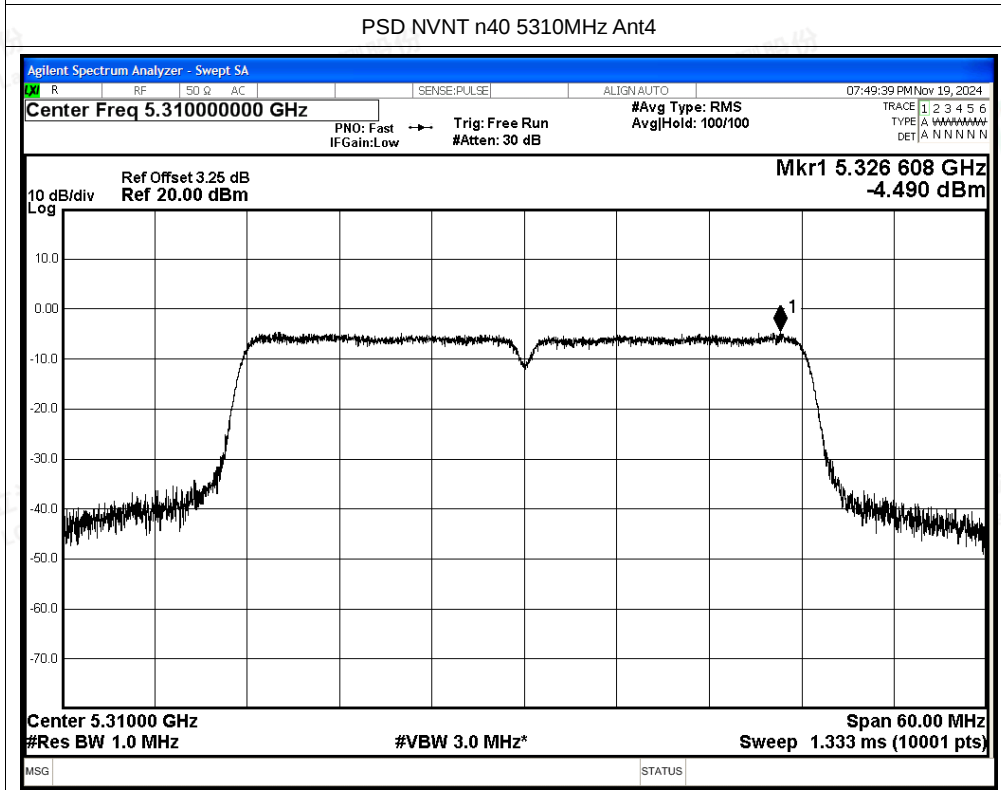
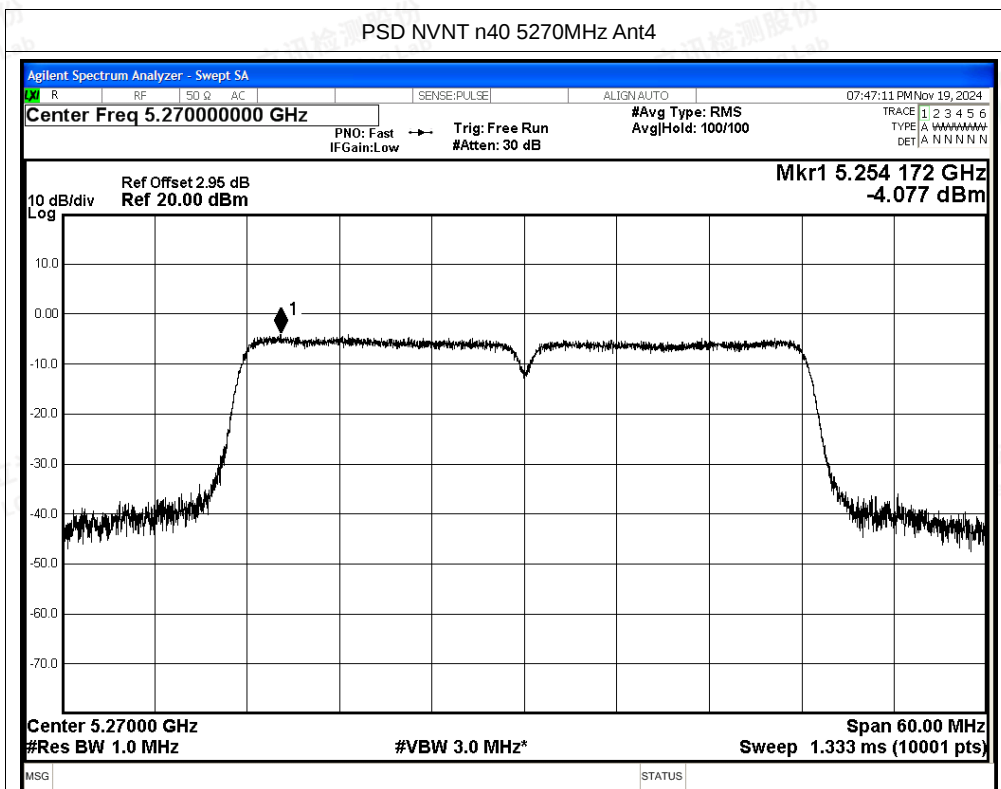
PSD NVNT a 5320MHz Ant4

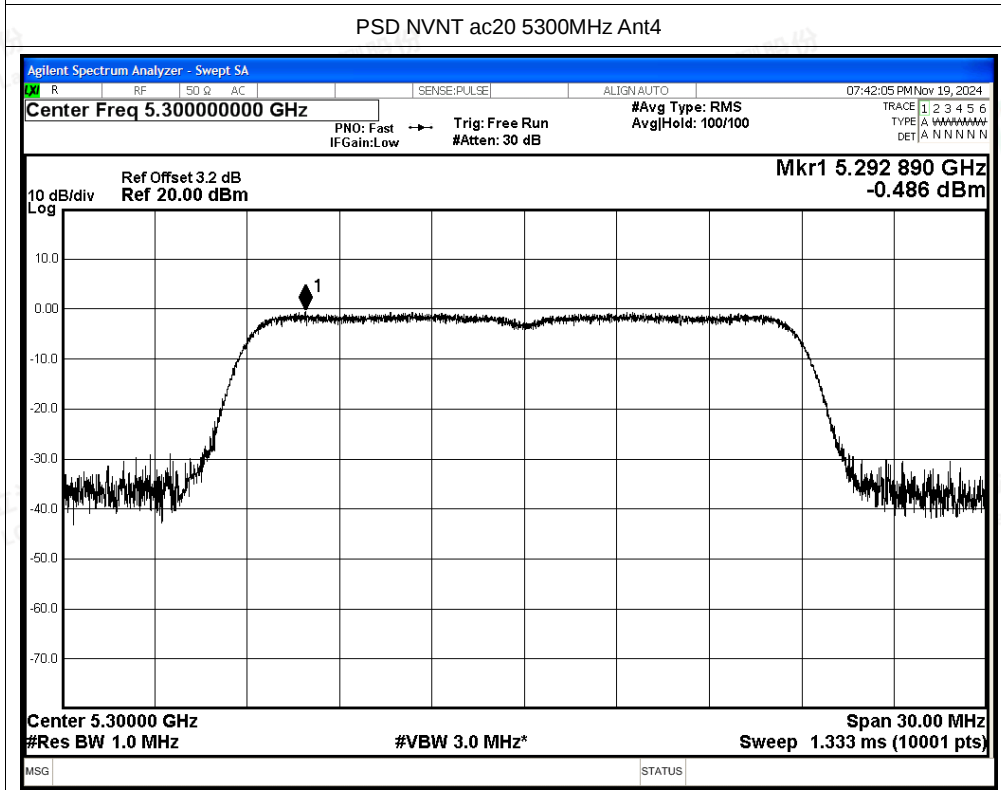
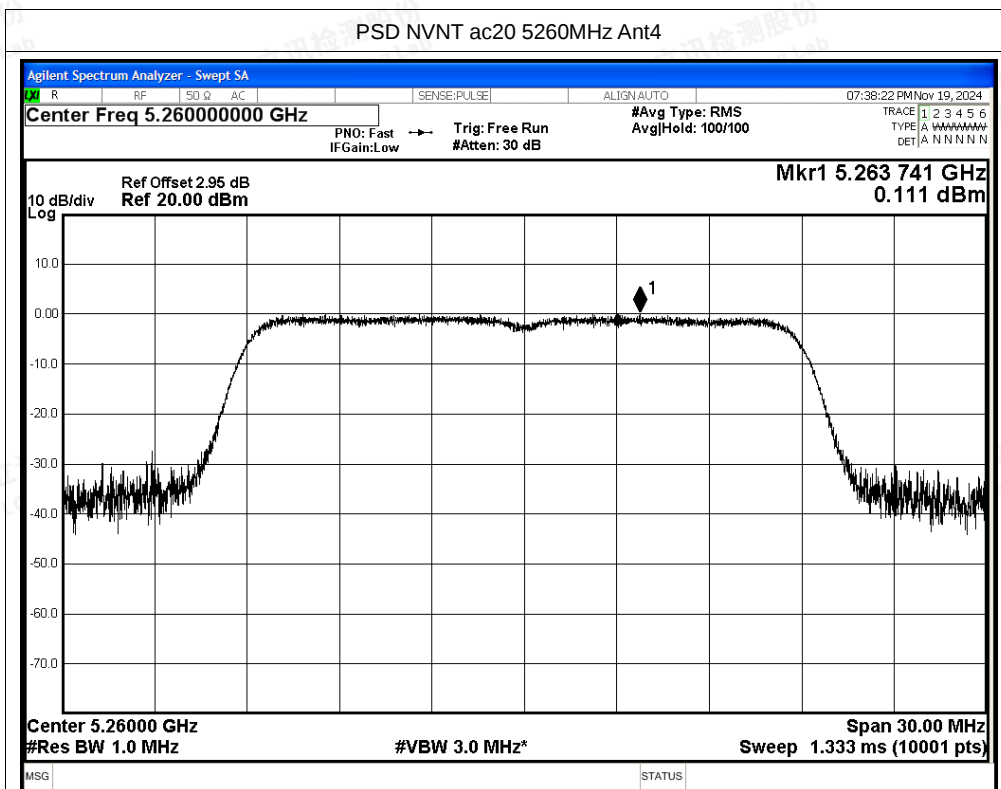


PSD NVNT n20 5260MHz Ant4



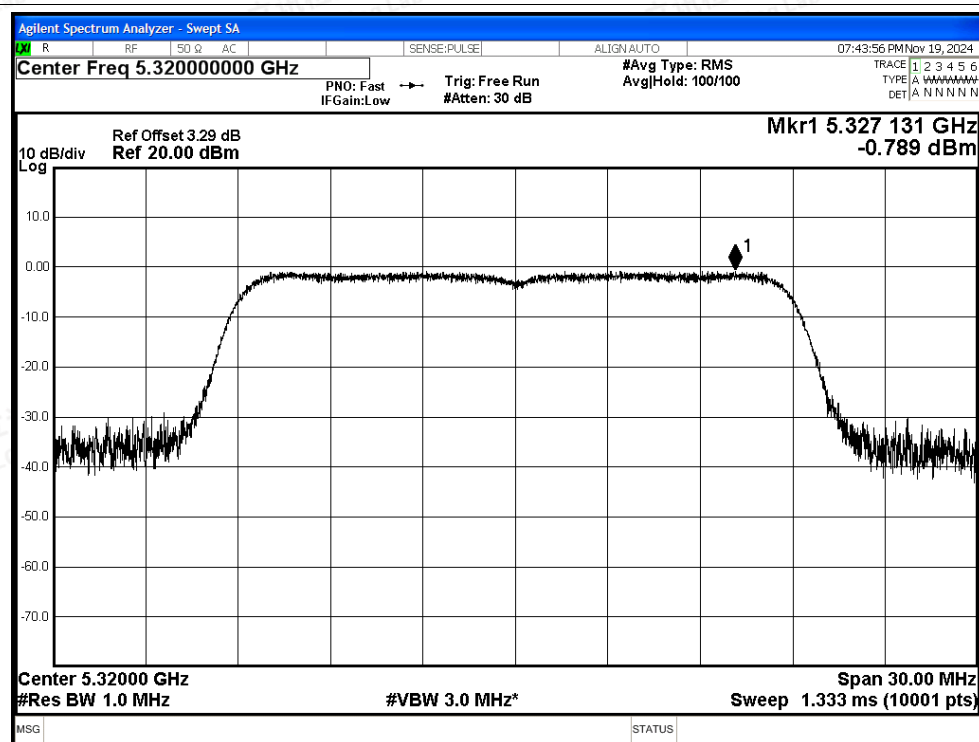




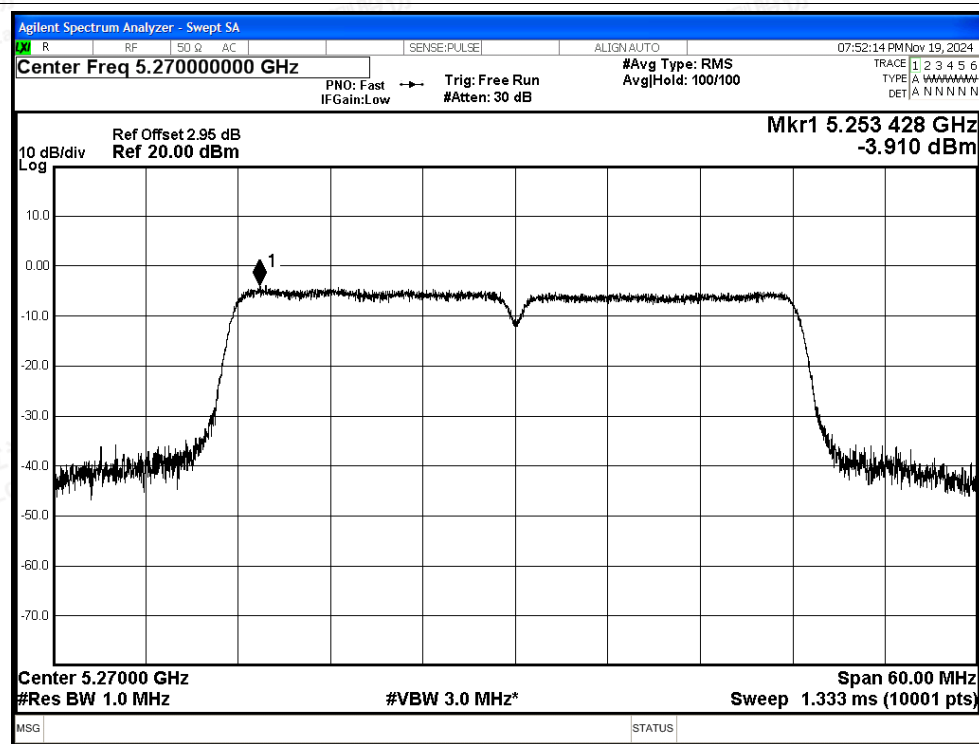




PSD NVNT ac20 5320MHz Ant4

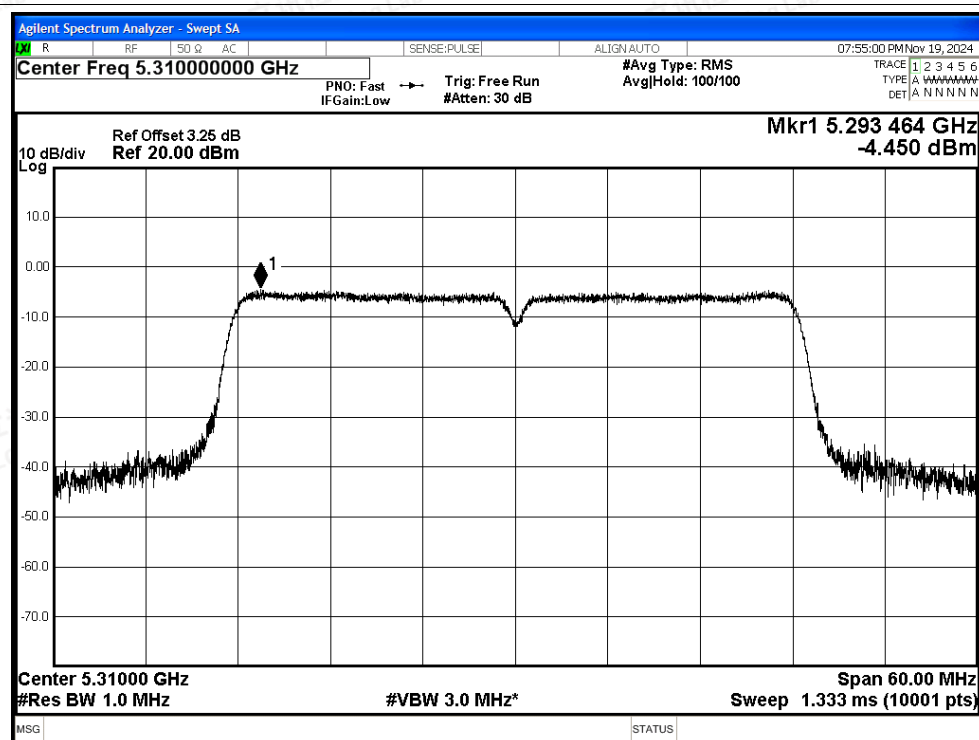


PSD NVNT ac40 5270MHz Ant4

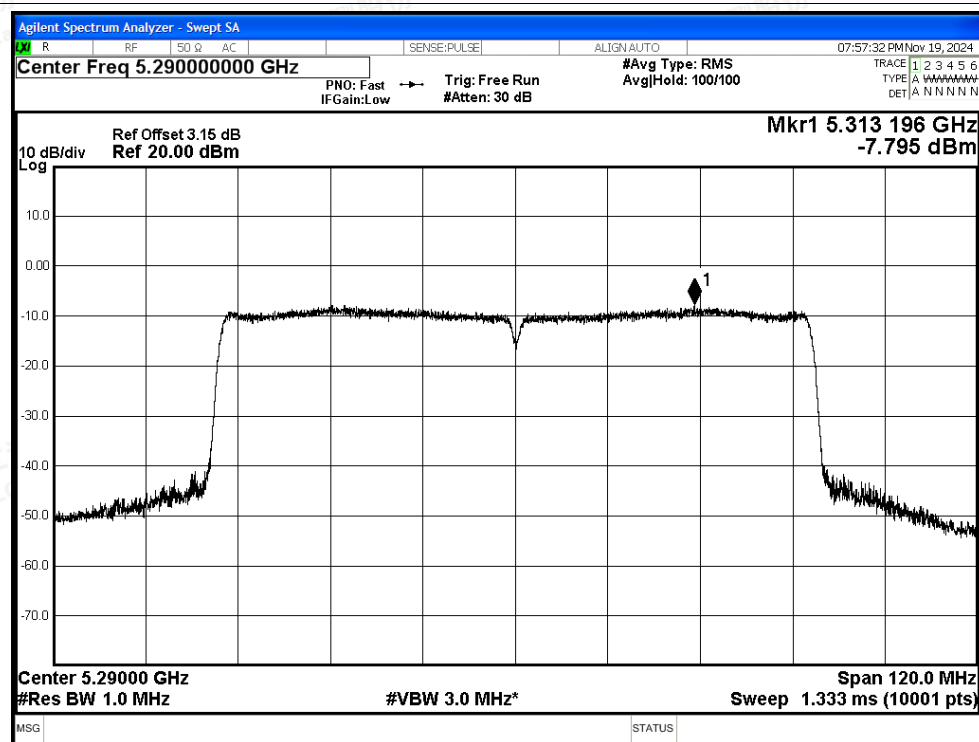




PSD NVNT ac40 5310MHz Ant4



PSD NVNT ac80 5290MHz Ant4





## C.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | a    | 5260            | Ant3    | 4500            | -50.26      | 3.98       | -                | 48.95      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant3    | 4500            | -59.21      | 3.98       | 0.24             | 40.24      | Average  | 54             | Pass    |
| NVNT      | a    | 5260            | Ant3    | 5081.1          | -46.66      | 3.98       | -                | 52.55      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant3    | 5124            | -57         | 3.98       | 0.24             | 42.45      | Average  | 54             | Pass    |
| NVNT      | a    | 5260            | Ant3    | 5150            | -47.04      | 3.98       | -                | 52.17      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5260            | Ant3    | 5150            | -57.85      | 3.98       | 0.24             | 41.60      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5350            | -47.39      | 3.98       | -                | 51.82      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5350            | -56.53      | 3.98       | 0.24             | 42.92      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5352            | -44.68      | 3.98       | -                | 54.53      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5350.2          | -56.32      | 3.98       | 0.24             | 43.13      | Average  | 54             | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5460            | -51.06      | 3.98       | -                | 48.15      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5320            | Ant3    | 5460            | -58.08      | 3.98       | 0.24             | 41.37      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 4500            | -51         | 3.98       | -                | 48.21      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 4500            | -59.14      | 3.98       | 0.12             | 40.19      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 5014.8          | -46.64      | 3.98       | -                | 52.57      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 5125.56         | -57.06      | 3.98       | 0.12             | 42.27      | Average  | 54             | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 5150            | -49.74      | 3.98       | -                | 49.47      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5260            | Ant3    | 5150            | -57.49      | 3.98       | 0.12             | 41.84      | Average  | 54             | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5350            | -46.42      | 3.98       | -                | 52.79      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5350            | -55.78      | 3.98       | 0.12             | 43.55      | Average  | 54             | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5351.6          | -43.49      | 3.98       | -                | 55.72      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5350            | -55.78      | 3.98       | 0.12             | 43.55      | Average  | 54             | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5460            | -48.03      | 3.98       | -                | 51.18      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5320            | Ant3    | 5460            | -58.23      | 3.98       | 0.12             | 41.10      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 4500            | -50.37      | 3.98       | -                | 48.84      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 4500            | -59.25      | 3.98       | 0.24             | 40.20      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 5007.87         | -46.49      | 3.98       | -                | 52.72      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 4806.18         | -56.68      | 3.98       | 0.24             | 42.77      | Average  | 54             | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 5150            | -48.53      | 3.98       | -                | 50.68      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5270            | Ant3    | 5150            | -57.7       | 3.98       | 0.24             | 41.75      | Average  | 54             | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5350            | -41.55      | 3.98       | -                | 57.66      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5350            | -55.24      | 3.98       | 0.24             | 44.21      | Average  | 54             | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5460            | -48         | 3.98       | -                | 51.21      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5460            | -57.96      | 3.98       | 0.24             | 41.49      | Average  | 54             | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5460            | -48         | 3.98       | -                | 51.21      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5310            | Ant3    | 5460            | -57.96      | 3.98       | 0.24             | 41.49      | Average  | 54             | Pass    |



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Scan code to check authenticity



|      |      |      |      |         |        |      |      |       |         |      |      |
|------|------|------|------|---------|--------|------|------|-------|---------|------|------|
| NVNT | ac20 | 5260 | Ant3 | 4500    | -50.75 | 3.98 | -    | 48.46 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5260 | Ant3 | 4500    | -58.69 | 3.98 | 0.12 | 40.64 | Average | 54   | Pass |
| NVNT | ac20 | 5260 | Ant3 | 5021.04 | -46.75 | 3.98 | -    | 52.46 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5260 | Ant3 | 5075.64 | -56.86 | 3.98 | 0.12 | 42.47 | Average | 54   | Pass |
| NVNT | ac20 | 5260 | Ant3 | 5150    | -49.46 | 3.98 | -    | 49.75 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5260 | Ant3 | 5150    | -58.54 | 3.98 | 0.12 | 40.79 | Average | 54   | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5350    | -45.66 | 3.98 | -    | 53.55 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5350    | -55.15 | 3.98 | 0.12 | 44.18 | Average | 54   | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5350.6  | -43.68 | 3.98 | -    | 55.53 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5350    | -55.15 | 3.98 | 0.12 | 44.18 | Average | 54   | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5460    | -50.32 | 3.98 | -    | 48.89 | Peak    | 68.2 | Pass |
| NVNT | ac20 | 5320 | Ant3 | 5460    | -57.39 | 3.98 | 0.12 | 41.94 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant3 | 4500    | -50.37 | 3.98 | -    | 48.84 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant3 | 4500    | -59.22 | 3.98 | 0.24 | 40.23 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant3 | 4742.19 | -46.83 | 3.98 | -    | 52.38 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant3 | 4806.18 | -56.87 | 3.98 | 0.24 | 42.58 | Average | 54   | Pass |
| NVNT | ac40 | 5270 | Ant3 | 5150    | -48.86 | 3.98 | -    | 50.35 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5270 | Ant3 | 5150    | -57.72 | 3.98 | 0.24 | 41.73 | Average | 54   | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5350    | -46.99 | 3.98 | -    | 52.22 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5350    | -55.72 | 3.98 | 0.23 | 43.72 | Average | 54   | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5352.2  | -42.94 | 3.98 | -    | 56.27 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5350.6  | -54.87 | 3.98 | 0.23 | 44.57 | Average | 54   | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5460    | -50.73 | 3.98 | -    | 48.48 | Peak    | 68.2 | Pass |
| NVNT | ac40 | 5310 | Ant3 | 5460    | -57.9  | 3.98 | 0.23 | 41.54 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 4500    | -49.83 | 3.98 | -    | 49.38 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 4500    | -58.77 | 3.98 | 0.25 | 40.69 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5146.41 | -46.41 | 3.98 | -    | 52.80 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5148.15 | -56.38 | 3.98 | 0.25 | 43.08 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5150    | -49.15 | 3.98 | -    | 50.06 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5150    | -56.89 | 3.98 | 0.25 | 42.57 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5350    | -44.17 | 3.98 | -    | 55.04 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5350    | -56.09 | 3.98 | 0.25 | 43.37 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5352.25 | -42.76 | 3.98 | -    | 56.45 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5350.75 | -55.36 | 3.98 | 0.25 | 44.10 | Average | 54   | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5460    | -49.37 | 3.98 | -    | 49.84 | Peak    | 68.2 | Pass |
| NVNT | ac80 | 5290 | Ant3 | 5460    | -58.28 | 3.98 | 0.25 | 41.18 | Average | 54   | Pass |

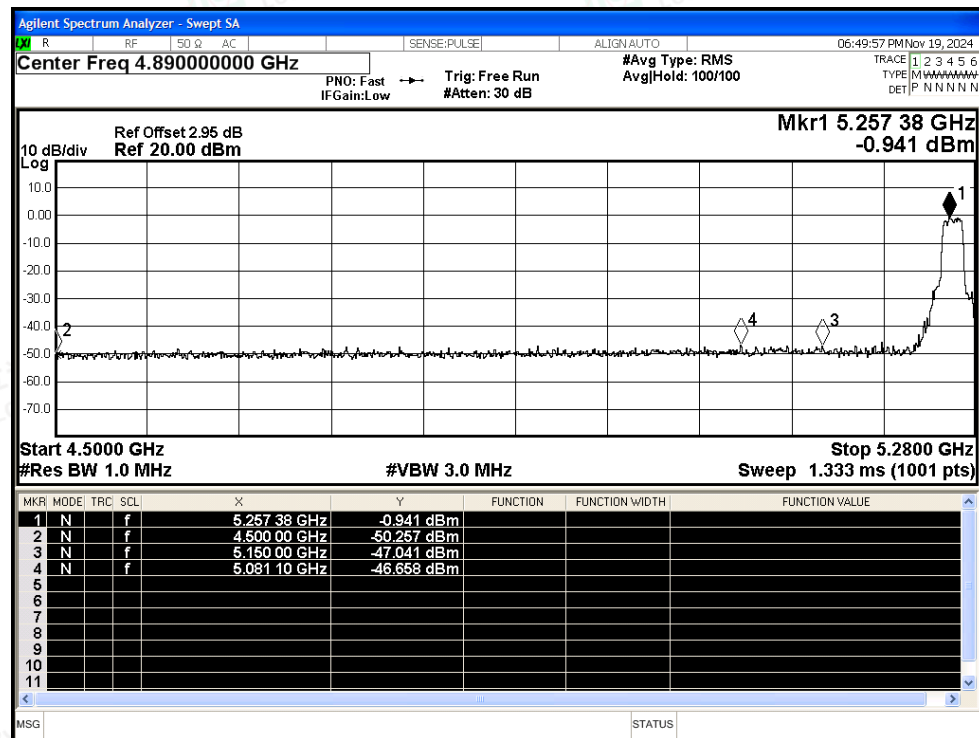


Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,  
Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

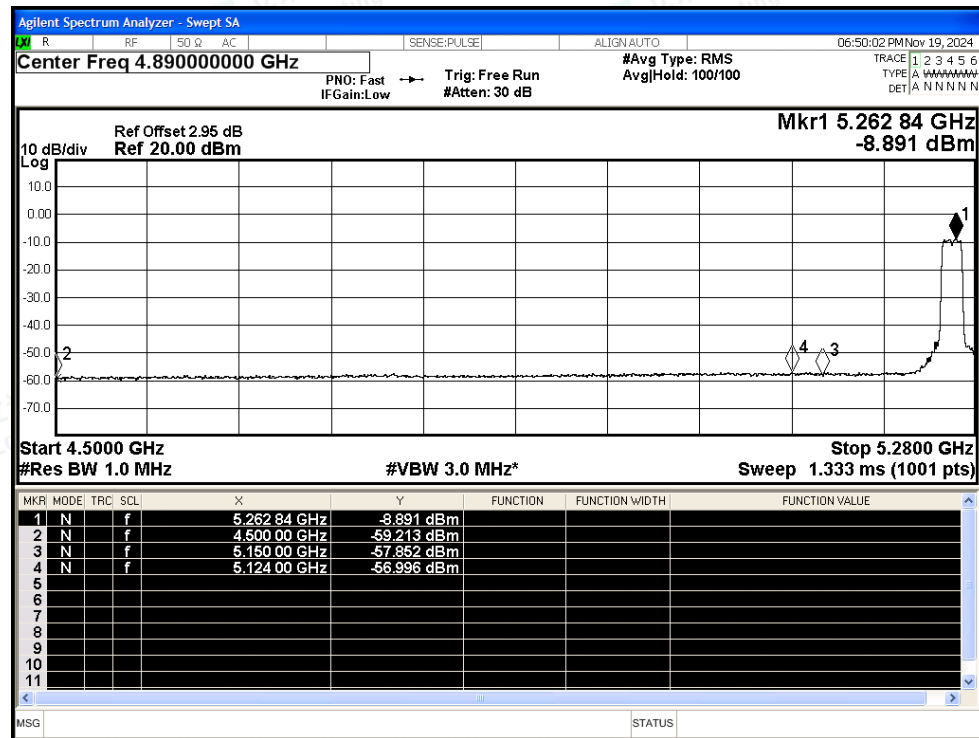


## Test Graphs

## Restrict Band NVNT a 5260MHz Ant3 Peak



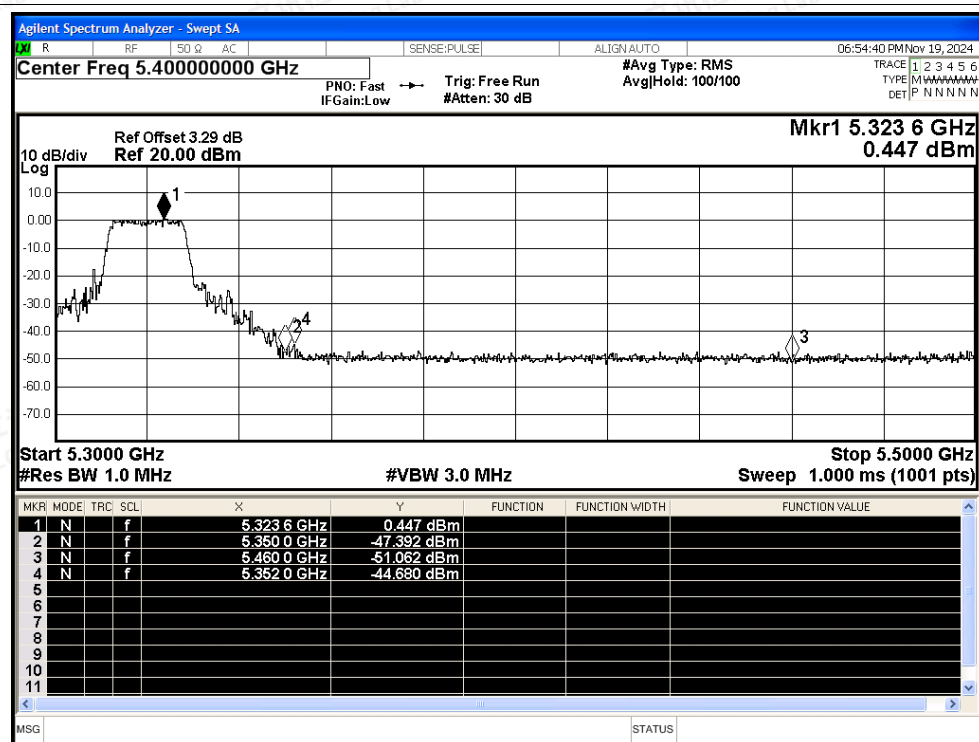
## Restrict Band NVNT a 5260MHz Ant3 Average



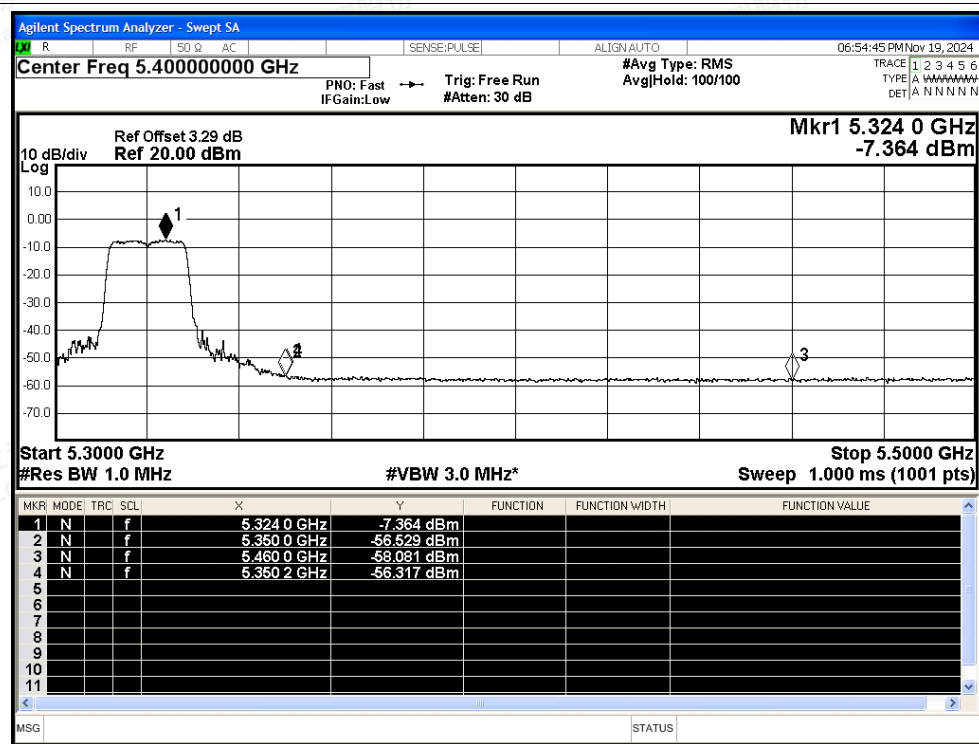
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,  
Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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## Restrict Band NVNT a 5320MHz Ant3 Peak

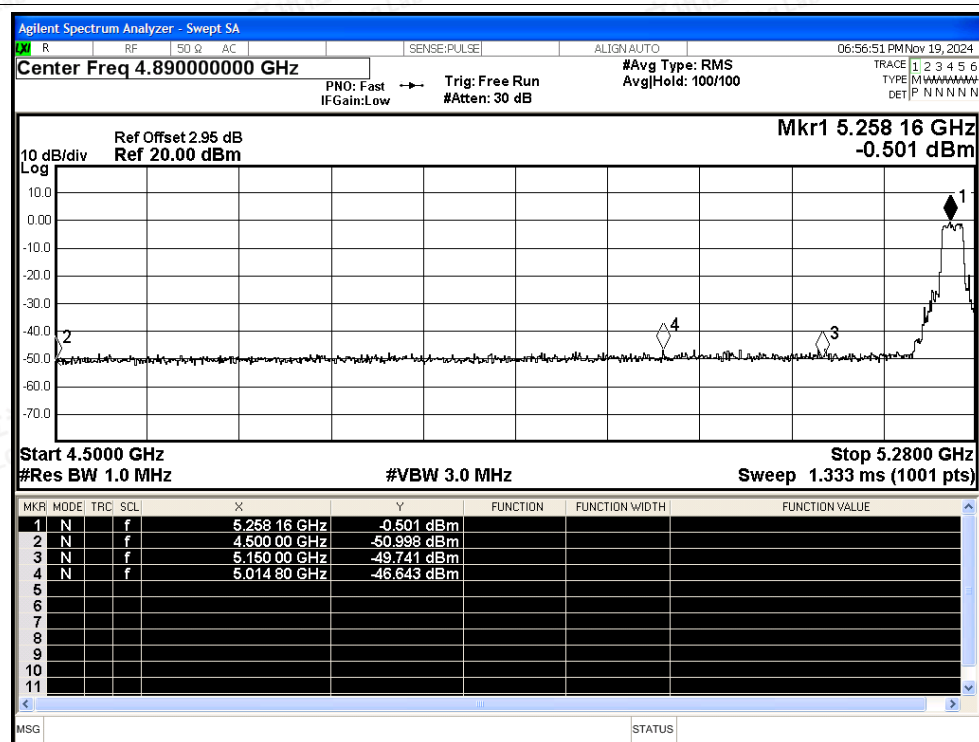


## Restrict Band NVNT a 5320MHz Ant3 Average

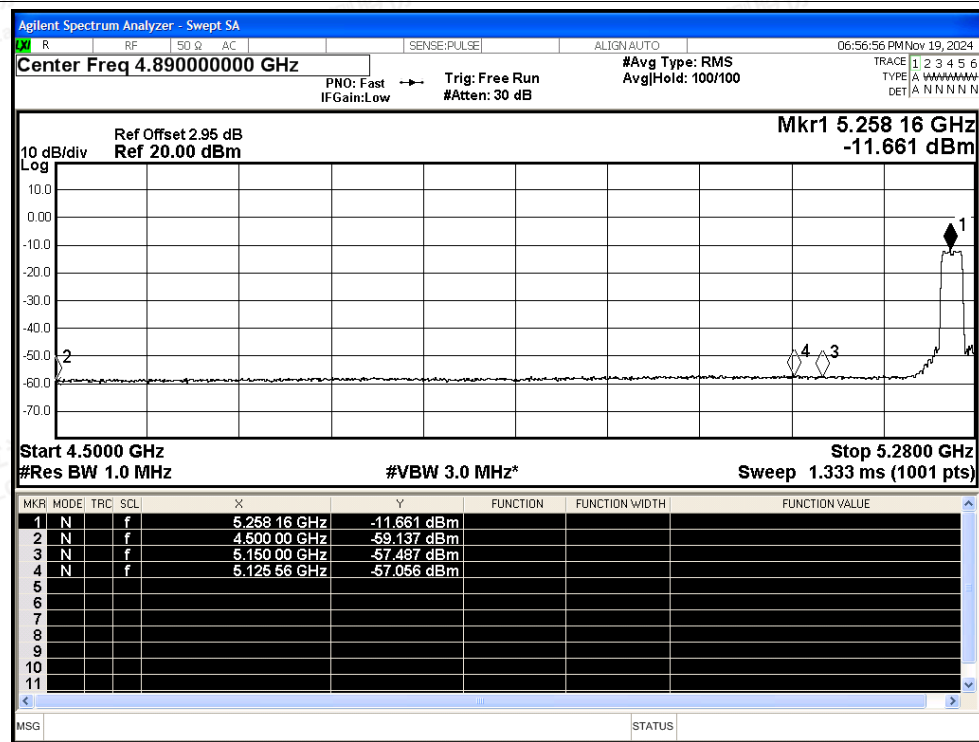




## Restrict Band NVNT n20 5260MHz Ant3 Peak



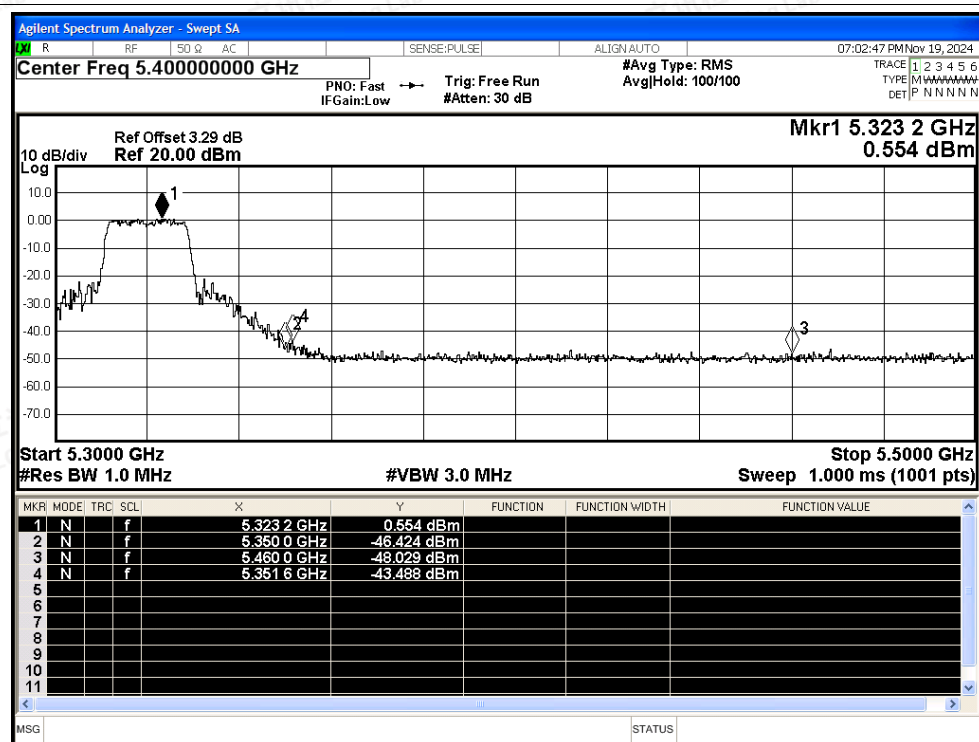
## Restrict Band NVNT n20 5260MHz Ant3 Average



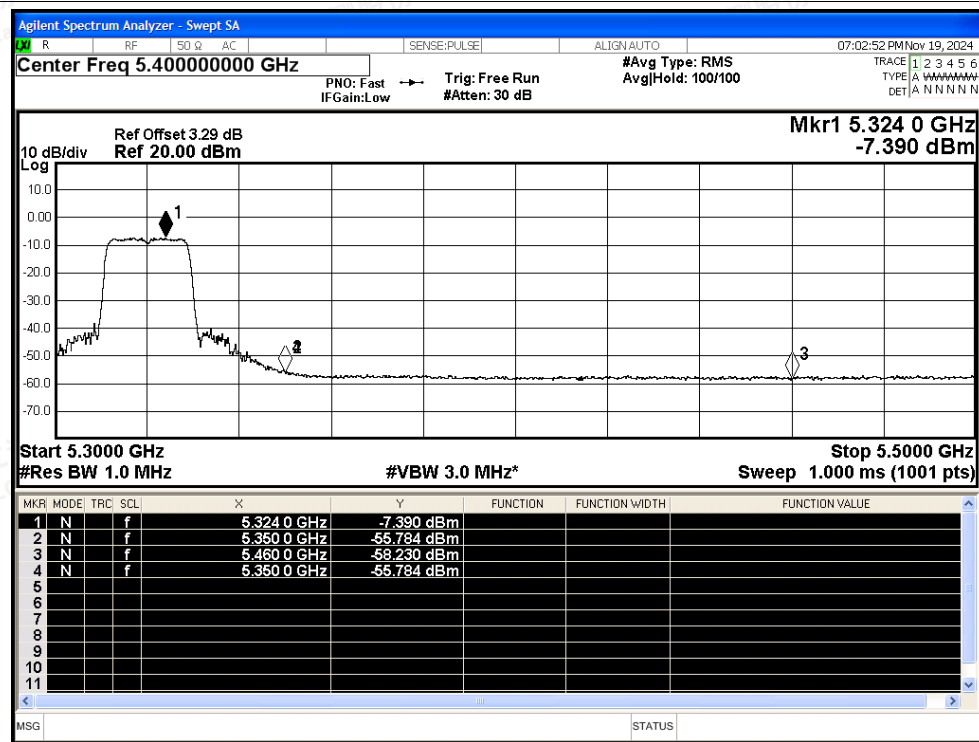
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,  
Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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## Restrict Band NVNT n20 5320MHz Ant3 Peak

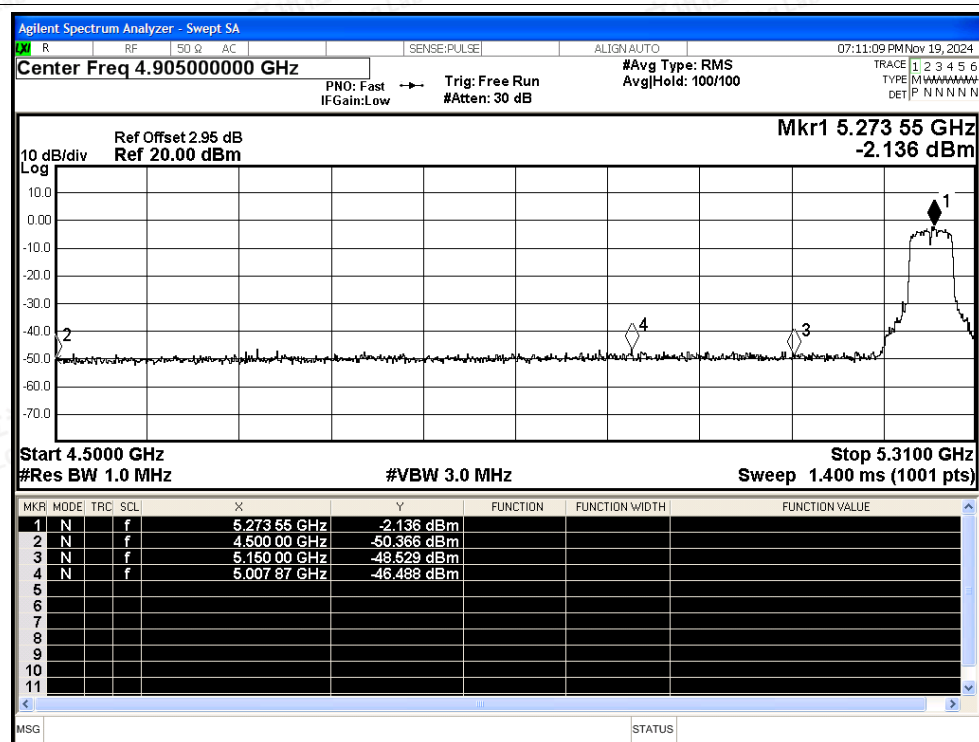


## Restrict Band NVNT n20 5320MHz Ant3 Average

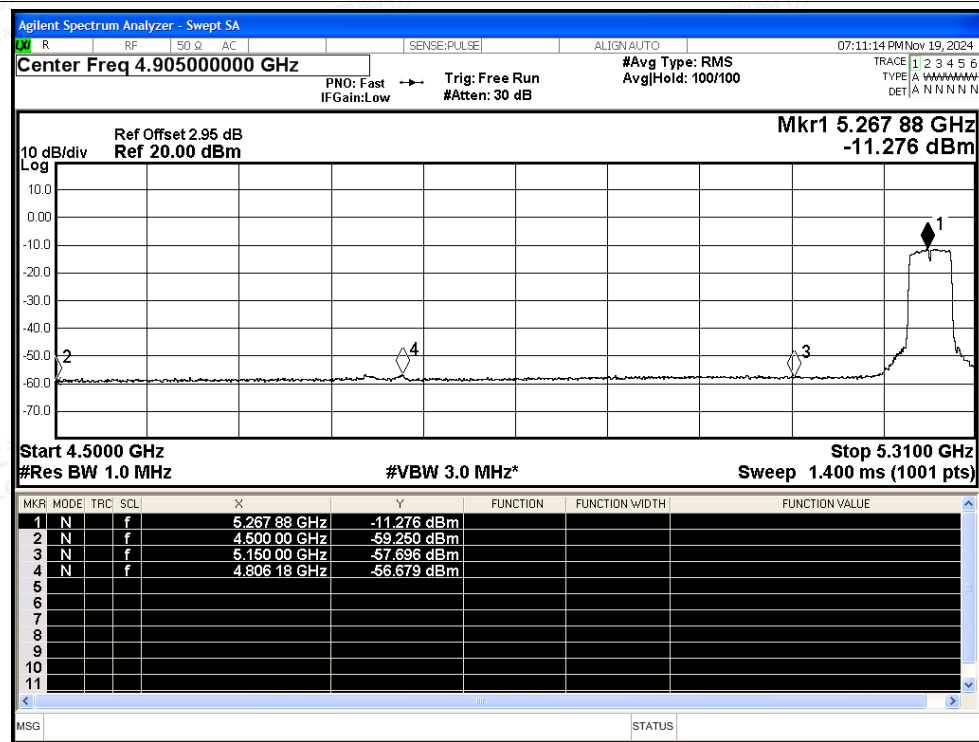




## Restrict Band NVNT n40 5270MHz Ant3 Peak

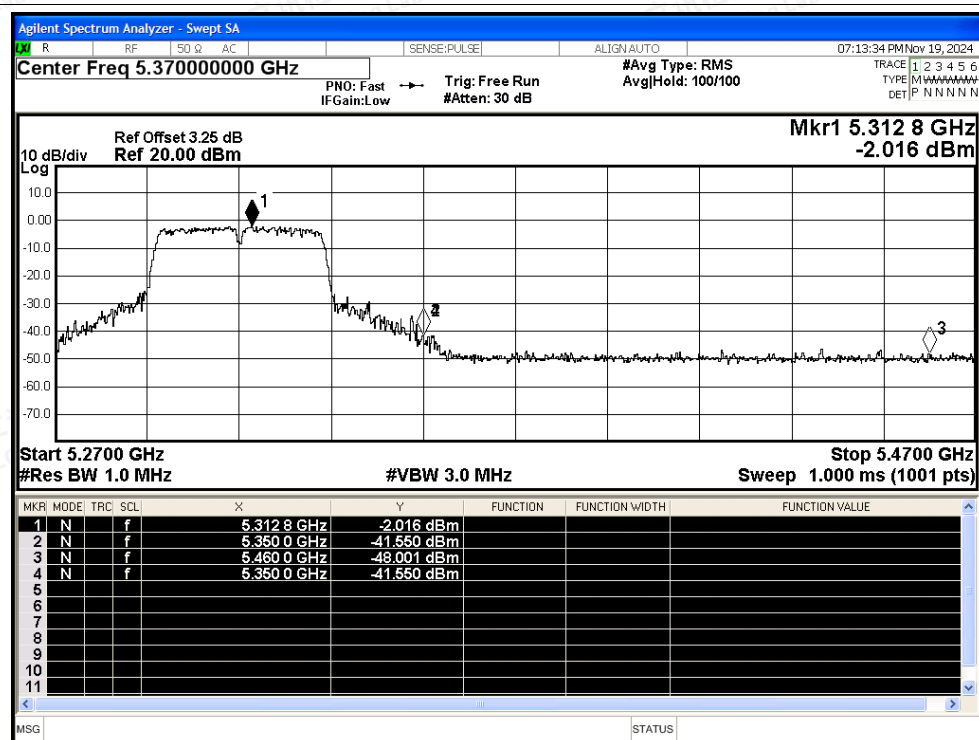


## Restrict Band NVNT n40 5270MHz Ant3 Average

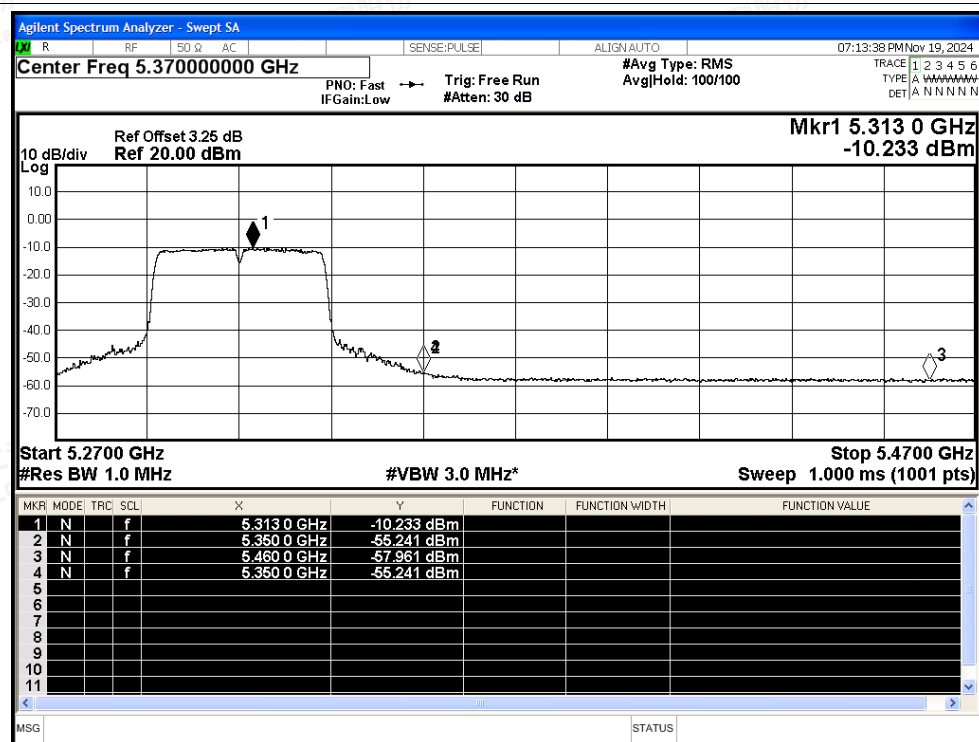




## Restrict Band NVNT n40 5310MHz Ant3 Peak

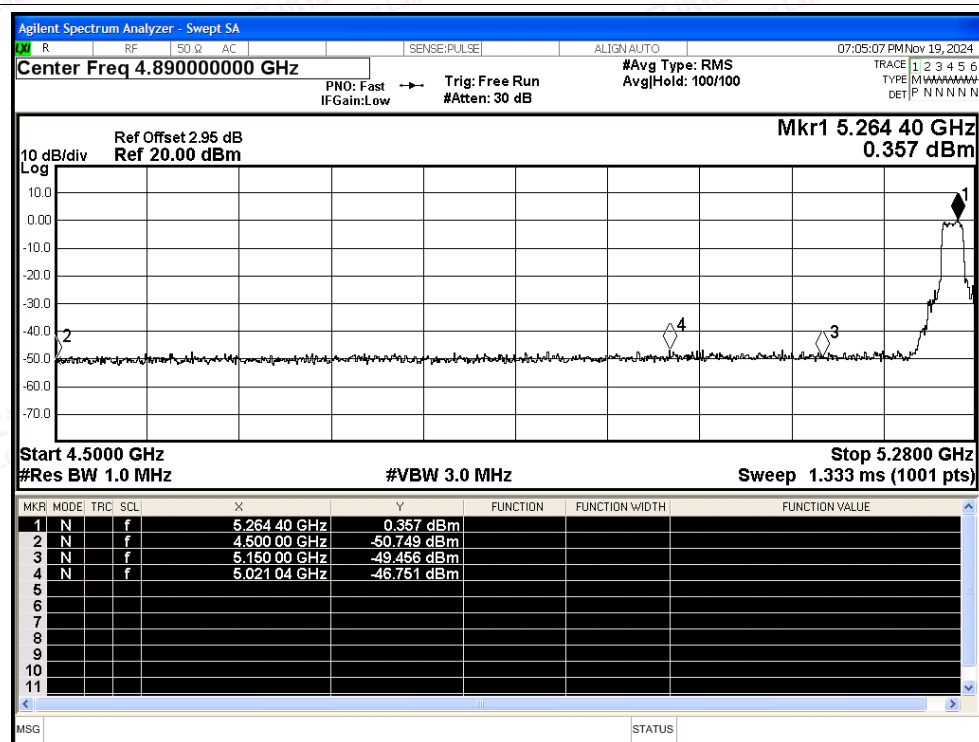


## Restrict Band NVNT n40 5310MHz Ant3 Average

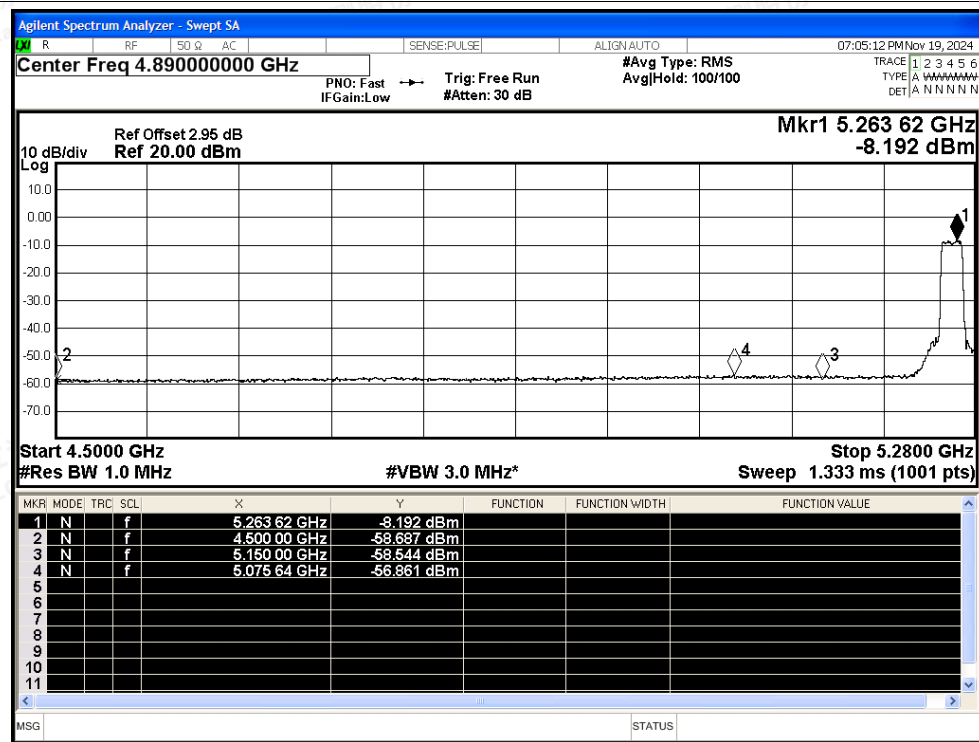




## Restrict Band NVNT ac20 5260MHz Ant3 Peak

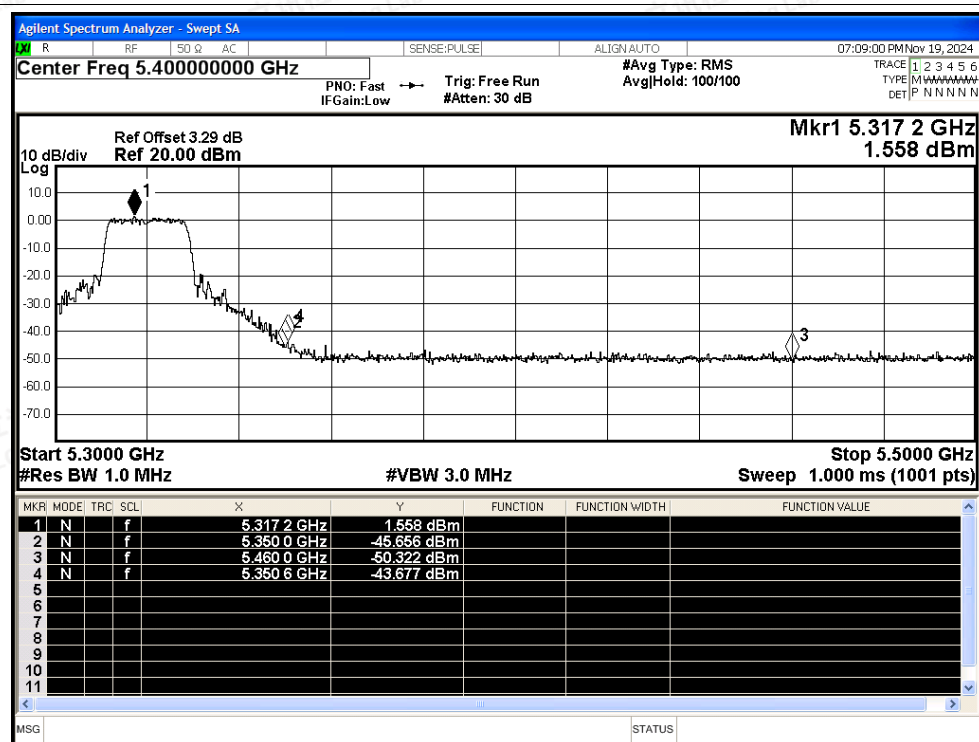


## Restrict Band NVNT ac20 5260MHz Ant3 Average

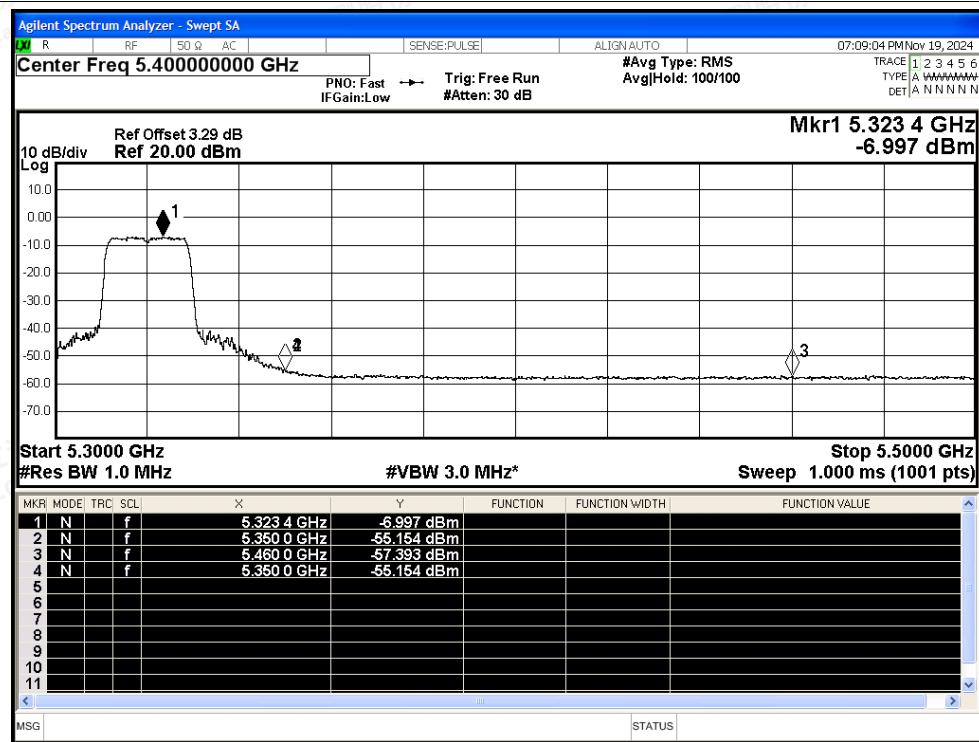




## Restrict Band NVNT ac20 5320MHz Ant3 Peak

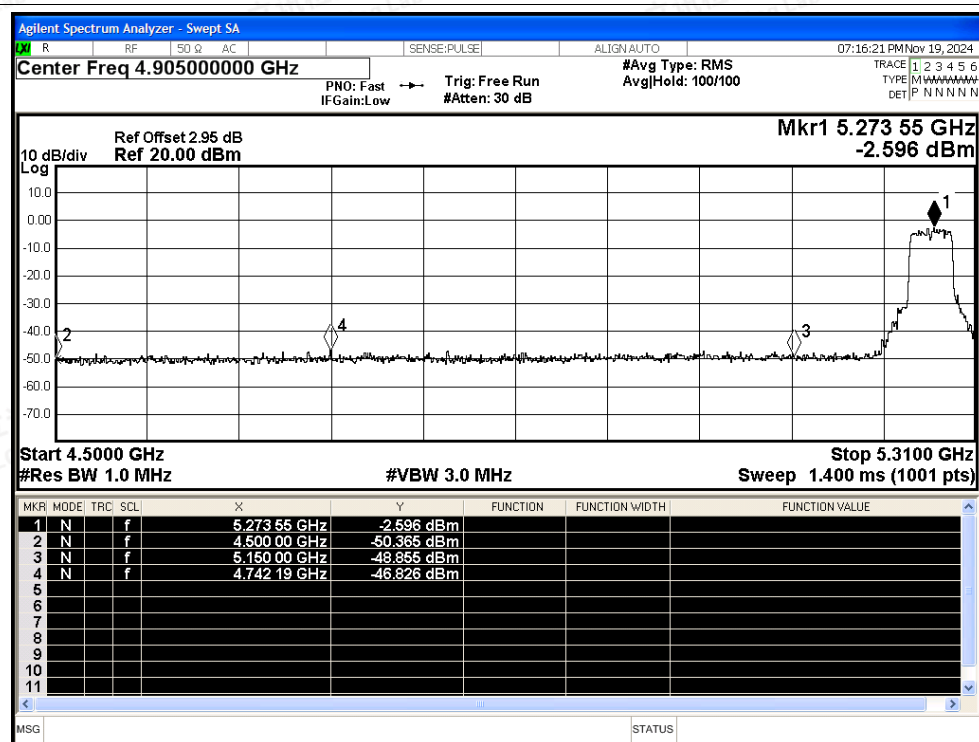


## Restrict Band NVNT ac20 5320MHz Ant3 Average





## Restrict Band NVNT ac40 5270MHz Ant3 Peak



## Restrict Band NVNT ac40 5270MHz Ant3 Average

