



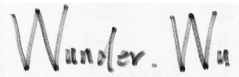
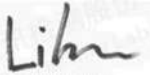
## Appendix G

### RF Test Data for 5.8 WIFI (Conducted Measurement)

Product Name: IPTV Set-Top Box

Test Model: SML-5045W

#### Environmental Conditions

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Temperature:       | 23.5℃                                                                                           |
| Relative Humidity: | 52.2%                                                                                           |
| ATM Pressure:      | 100.0 kPa                                                                                       |
| Test Engineer:     | <br>Wunder Wu |
| Supervised by:     | <br>Li Huan |



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## G.1 -6dB Bandwidth

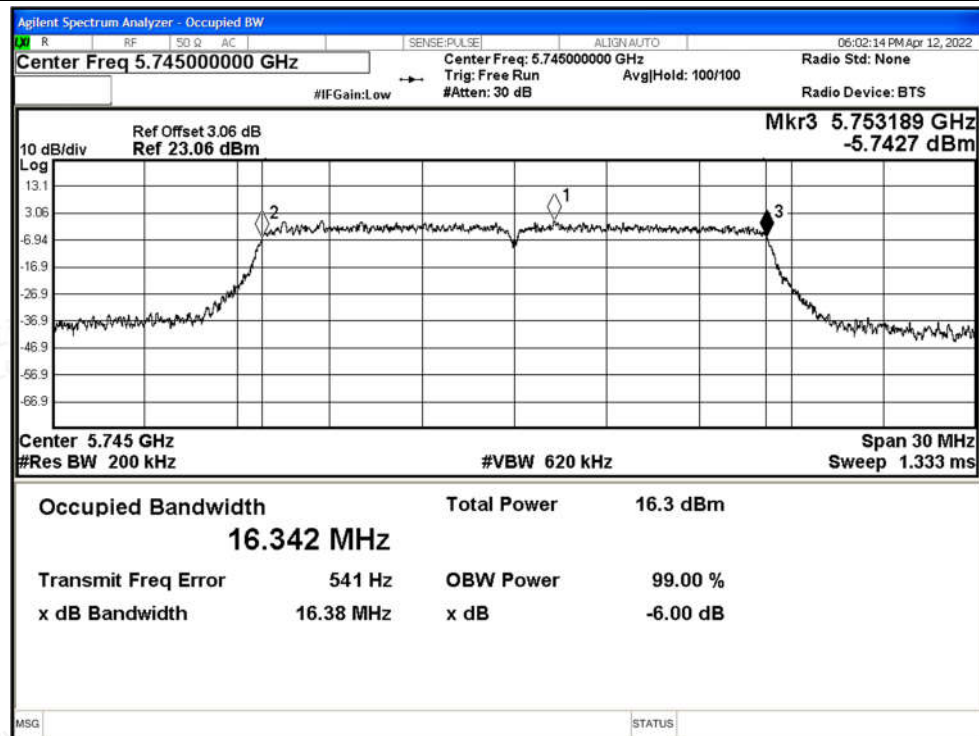
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant0    | 16.376                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant0    | 16.398                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant0    | 16.367                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 17.436                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant0    | 17.423                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 17.46                 | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 35.852                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant0    | 36.023                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant0    | 17.577                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant0    | 17.507                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant0    | 17.35                 | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant0    | 35.812                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant0    | 36.218                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant0    | 72.603                | 0.5                         | Pass    |



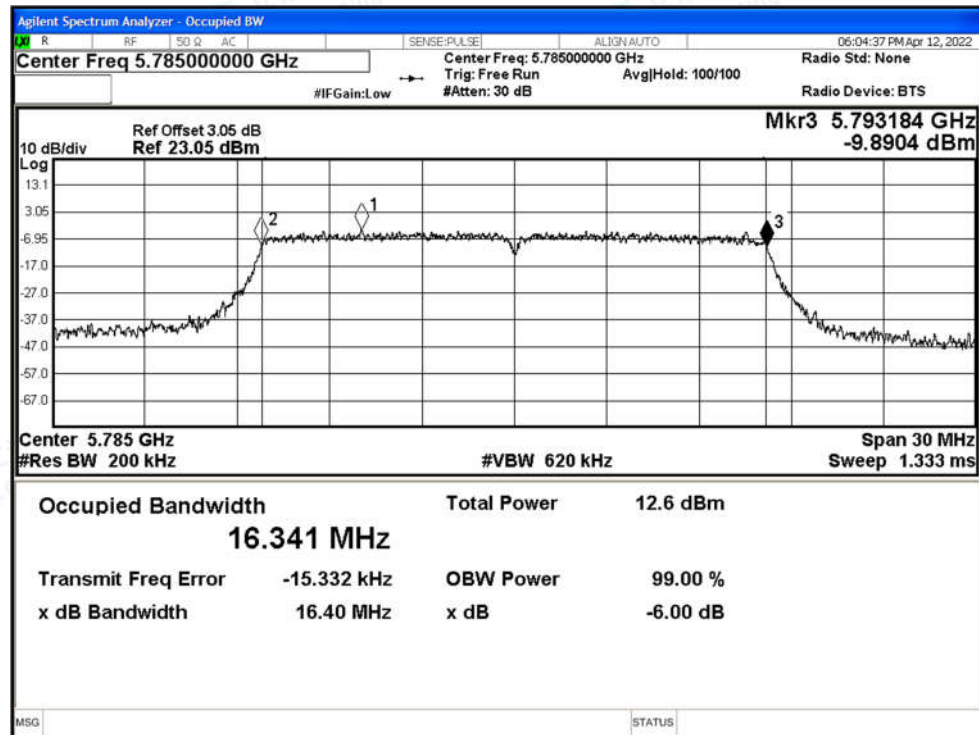


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant0

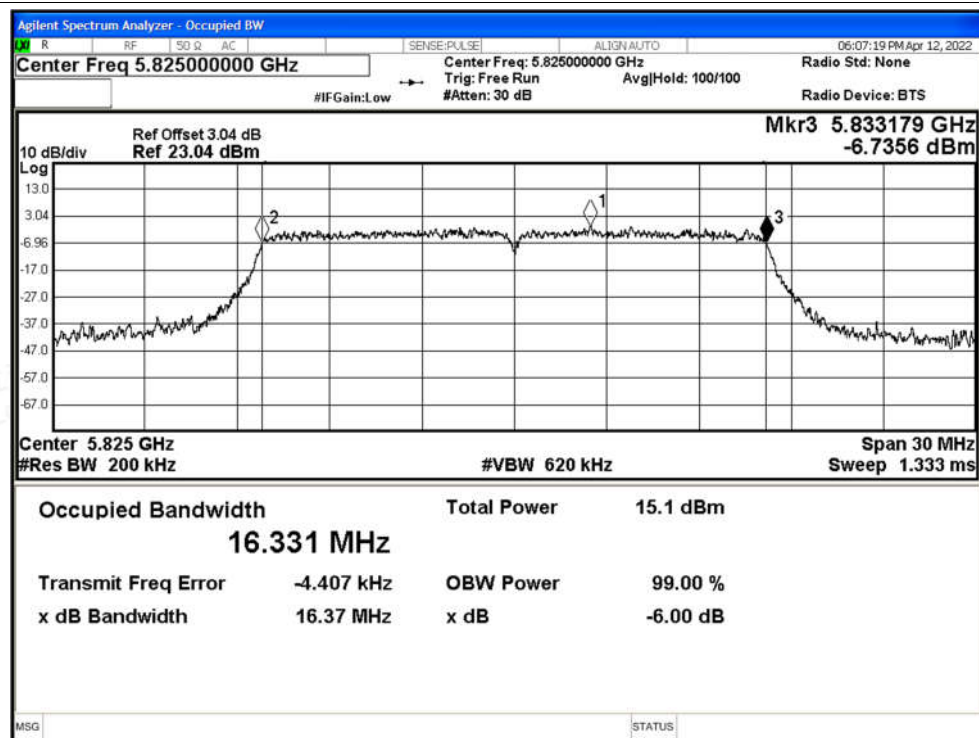


-6dB Bandwidth NVNT a 5785MHz Ant0

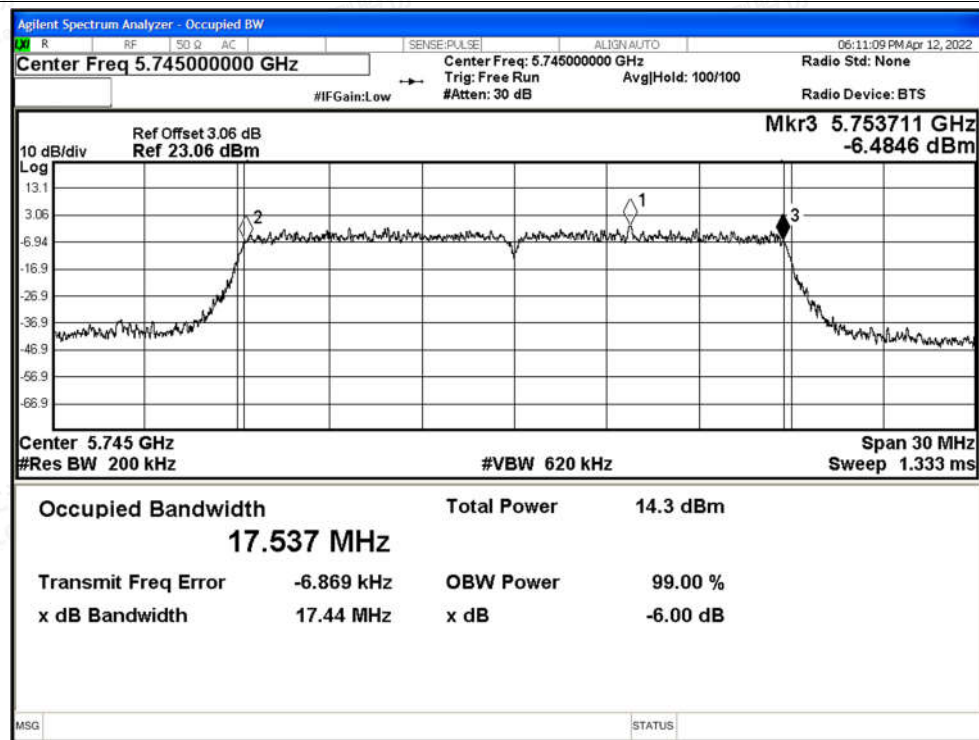




## -6dB Bandwidth NVNT a 5825MHz Ant0



## -6dB Bandwidth NVNT n20 5745MHz Ant0



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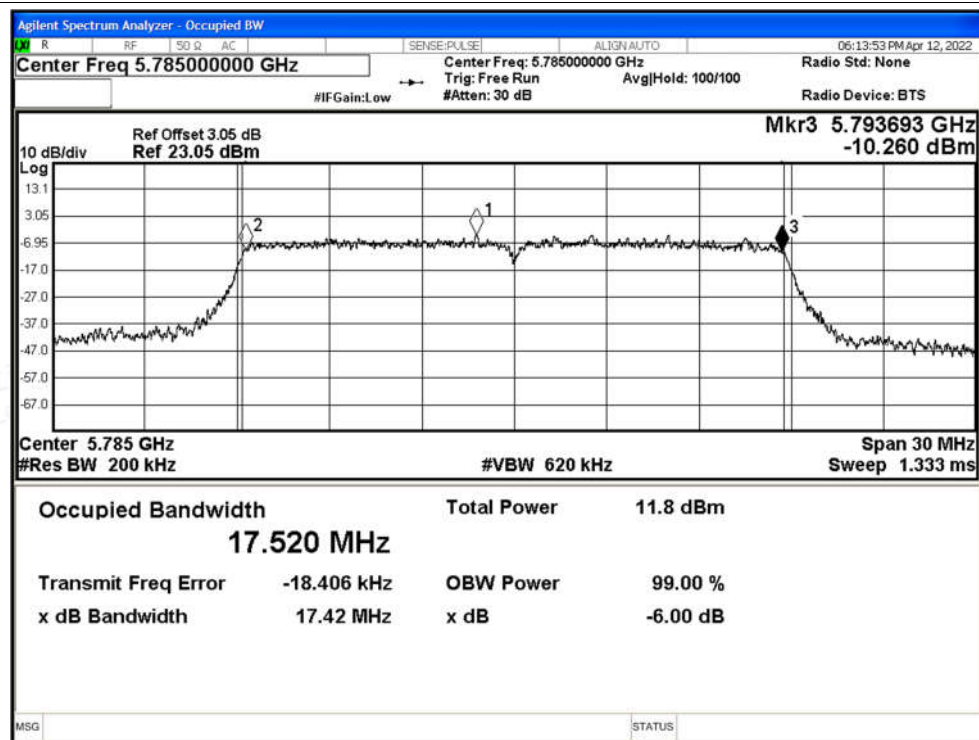
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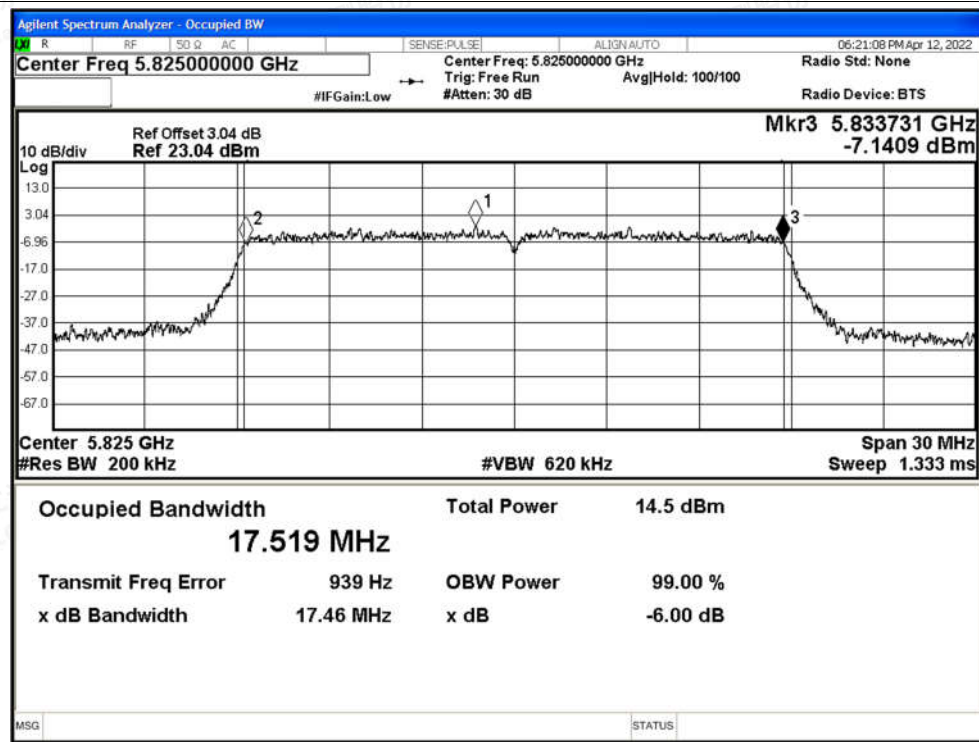
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## -6dB Bandwidth NVNT n20 5785MHz Ant0



## -6dB Bandwidth NVNT n20 5825MHz Ant0



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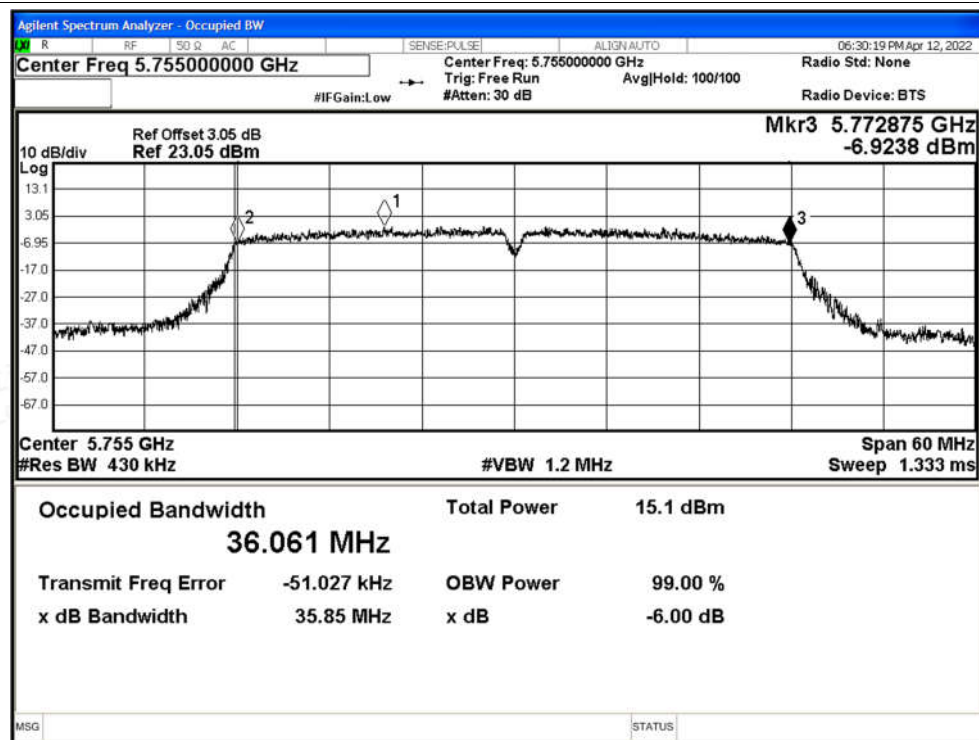
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

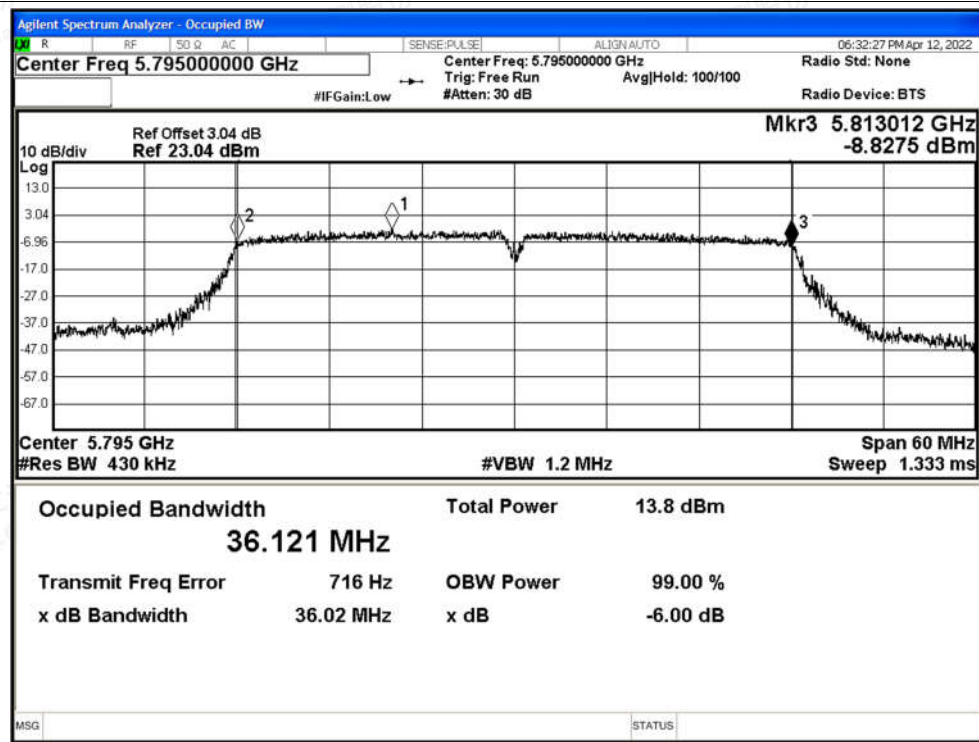
Scan code to check authenticity



## -6dB Bandwidth NVNT n40 5755MHz Ant0



## -6dB Bandwidth NVNT n40 5795MHz Ant0



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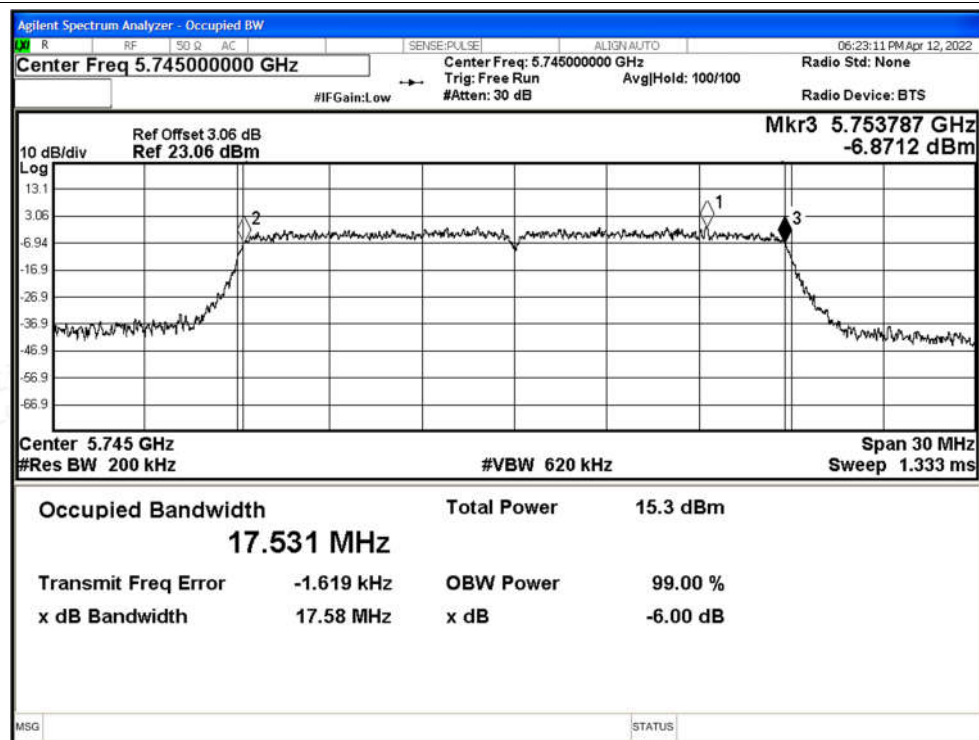
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

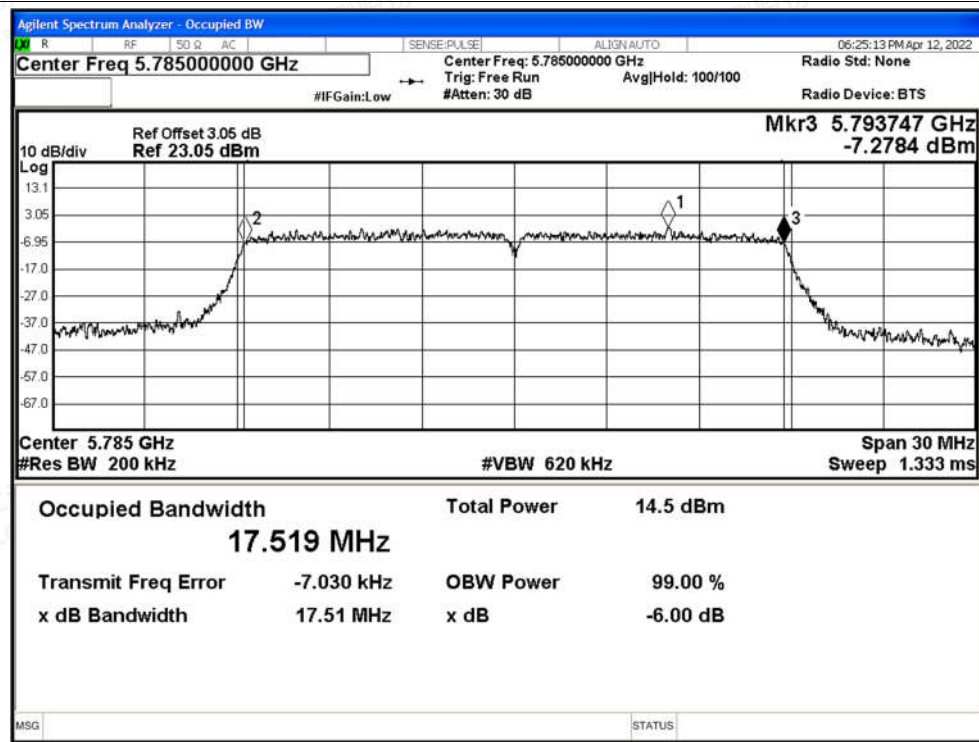
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5745MHz Ant0



## -6dB Bandwidth NVNT ac20 5785MHz Ant0



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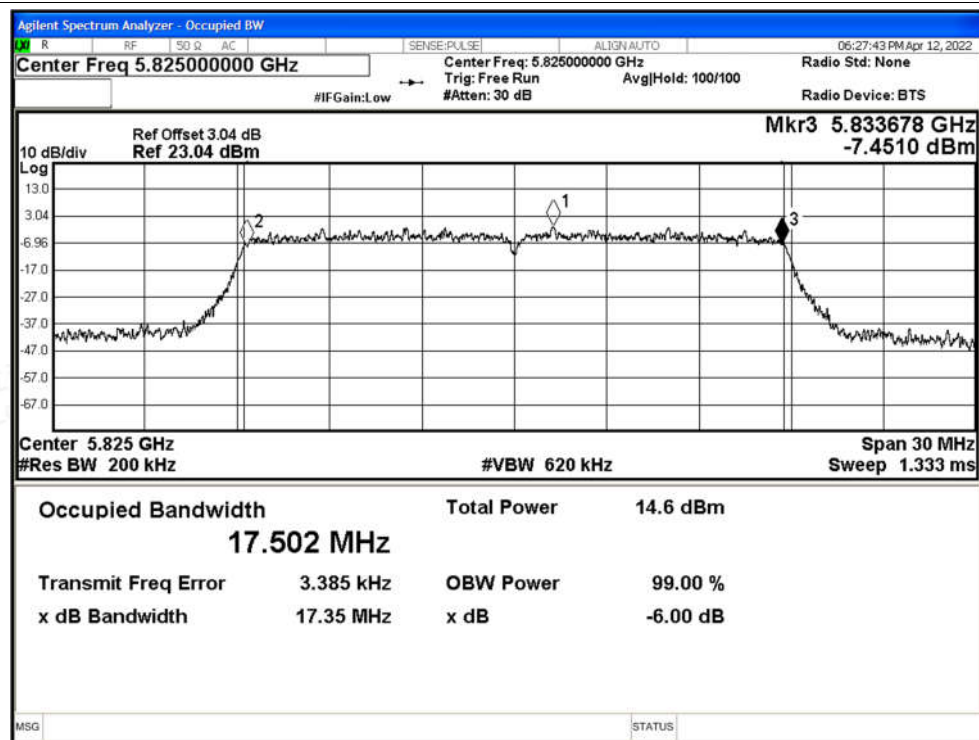
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

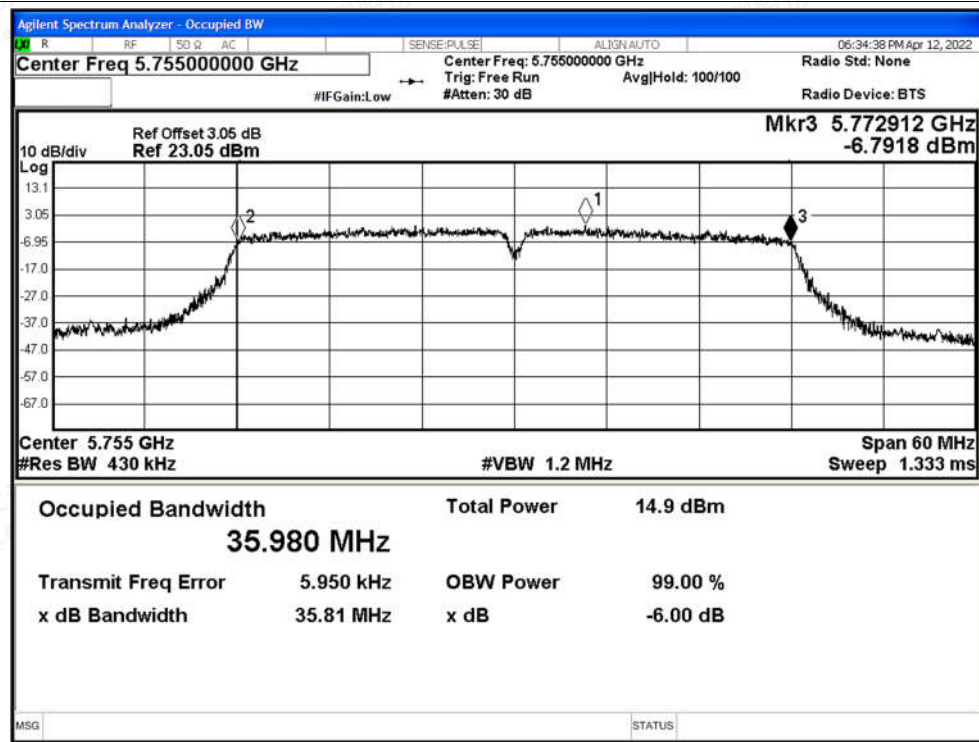
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5825MHz Ant0

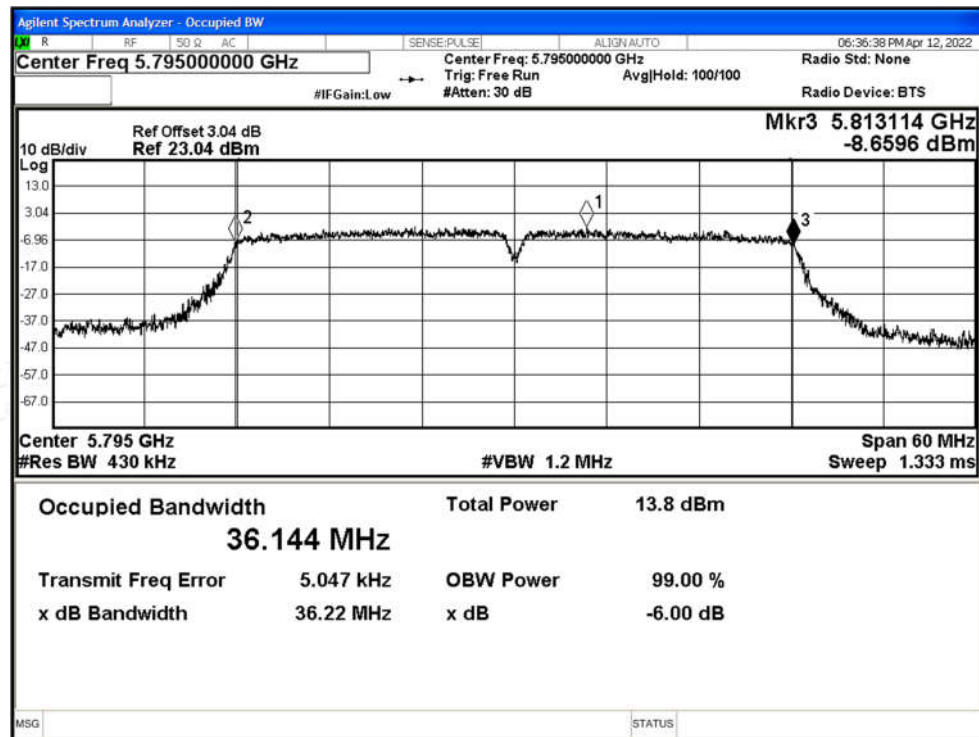


## -6dB Bandwidth NVNT ac40 5755MHz Ant0

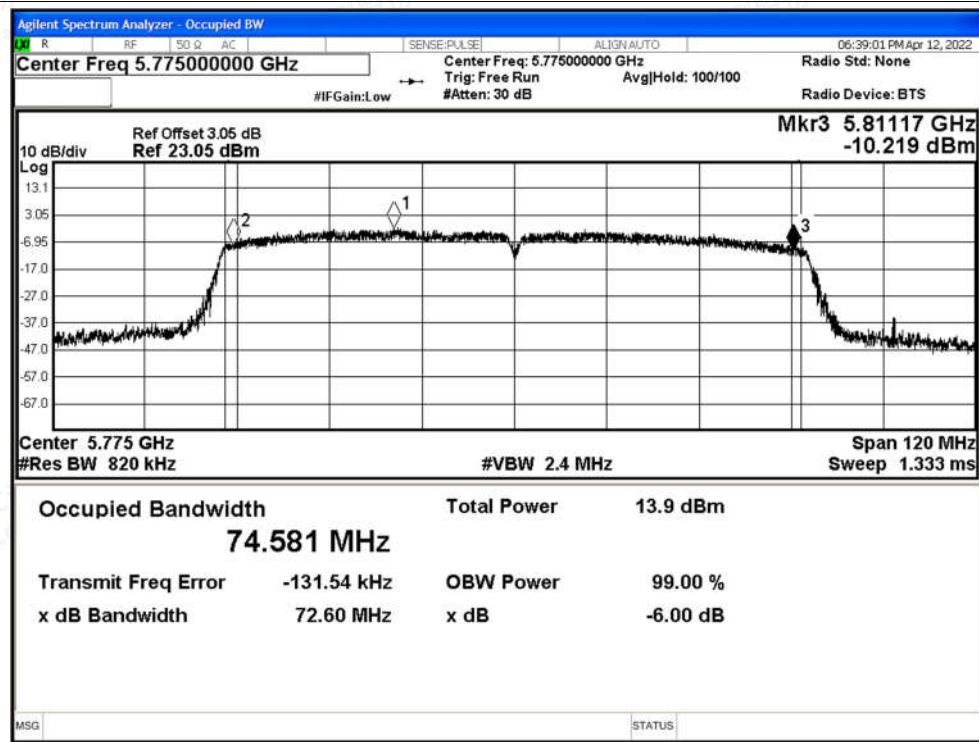




## -6dB Bandwidth NVNT ac40 5795MHz Ant0



## -6dB Bandwidth NVNT ac80 5775MHz Ant0





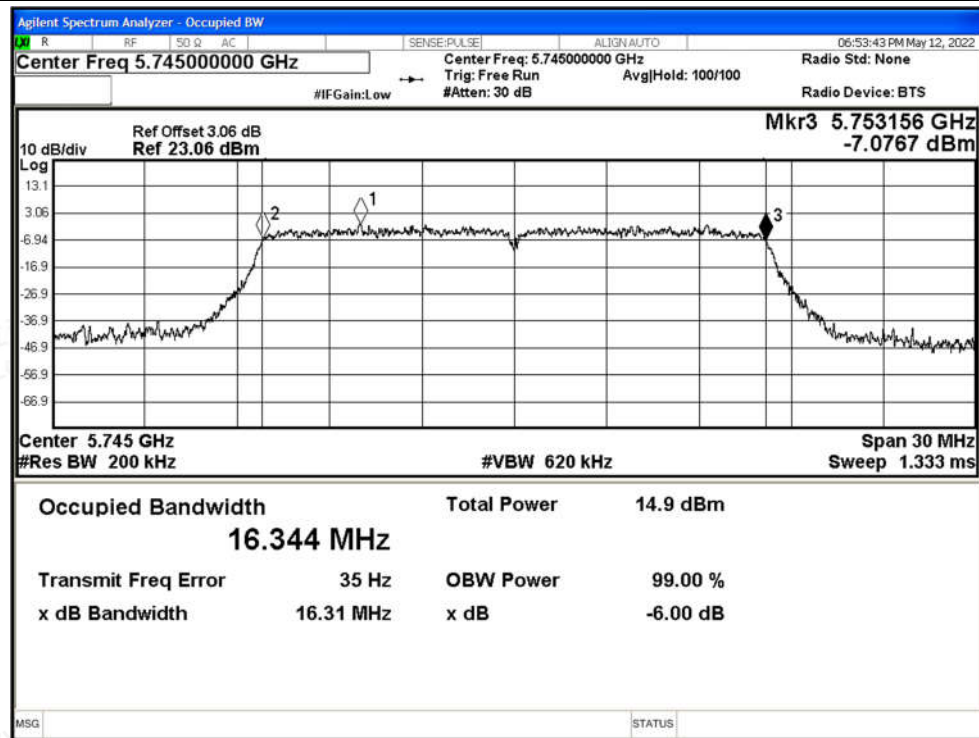
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.311                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.324                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.332                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.494                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.544                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.556                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.135                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 36.255                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.471                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.521                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.567                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.166                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 36.124                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 74.704                | 0.5                         | Pass    |



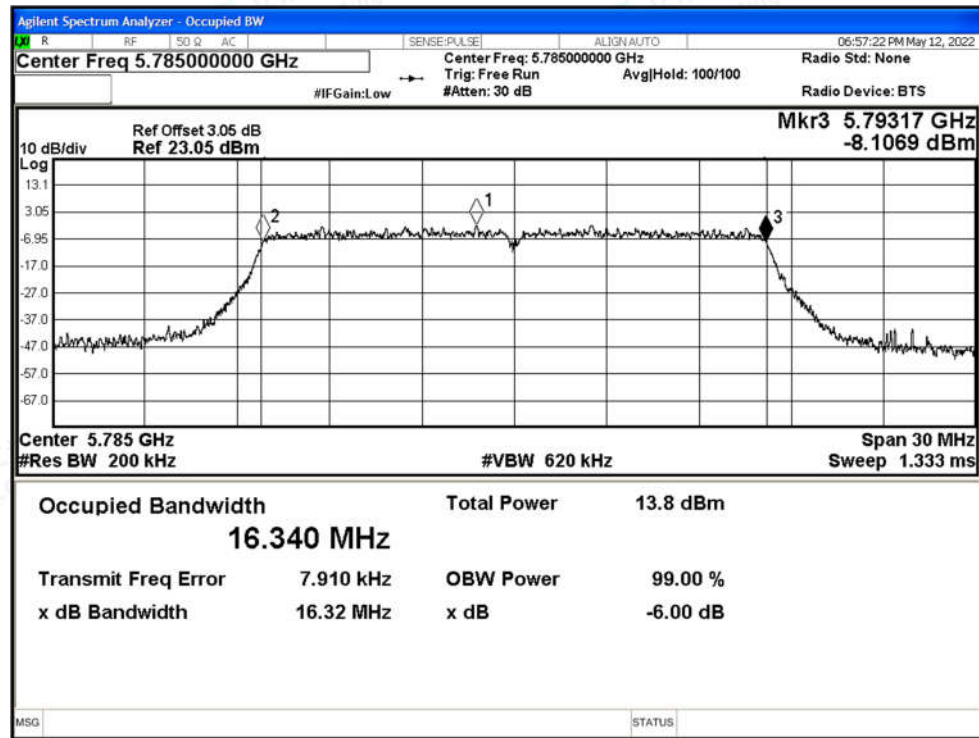


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



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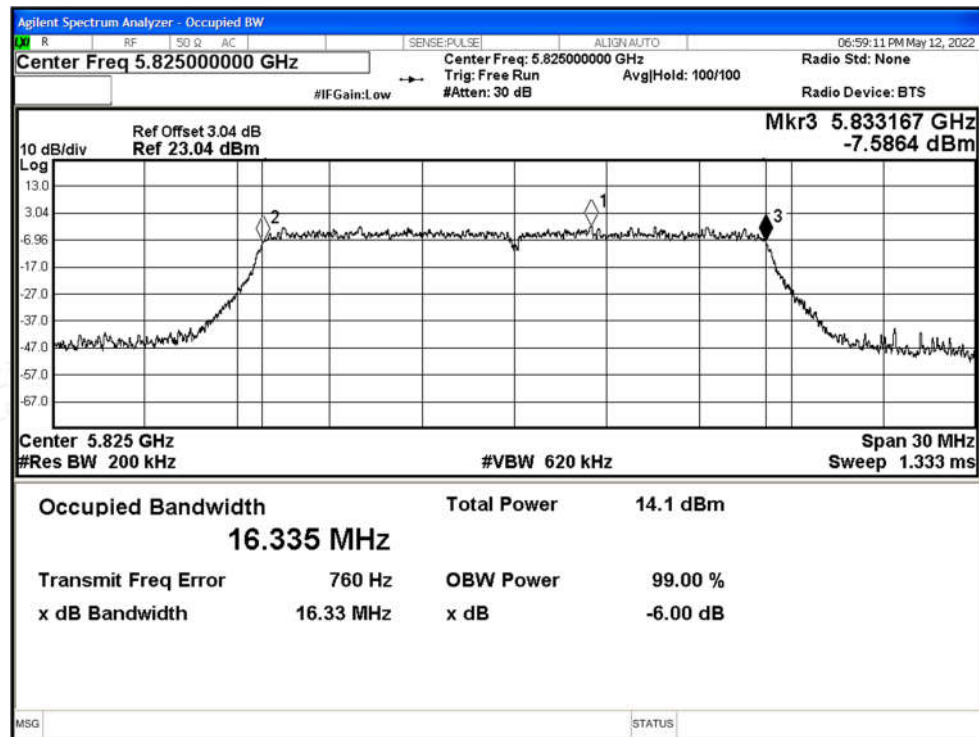
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

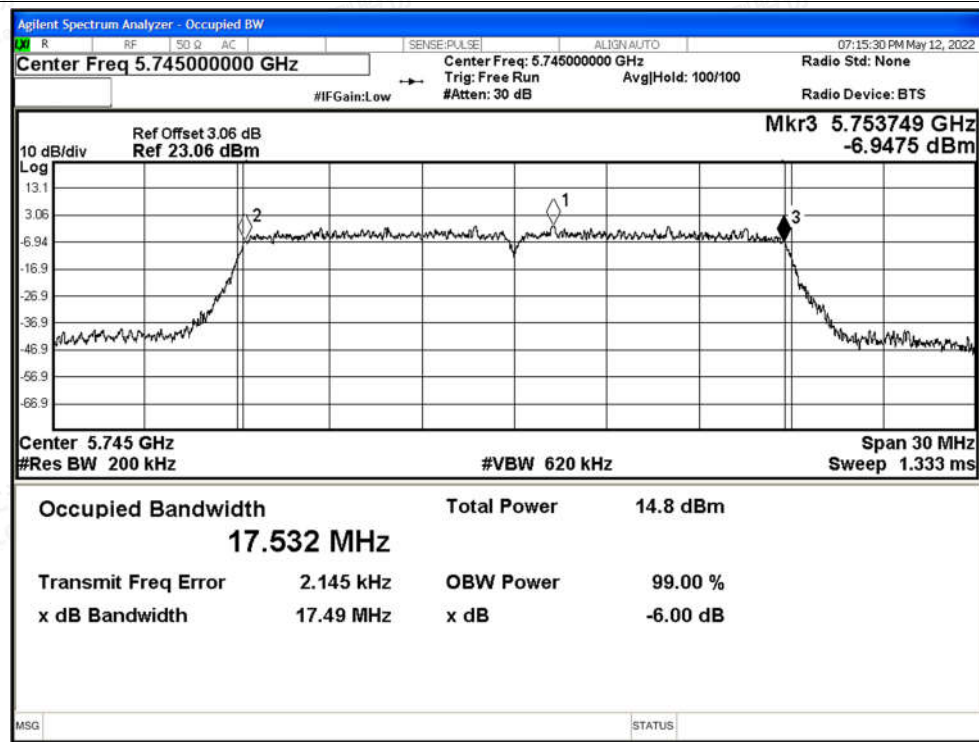
Scan code to check authenticity



## -6dB Bandwidth NVNT a 5825MHz Ant1



## -6dB Bandwidth NVNT n20 5745MHz Ant1



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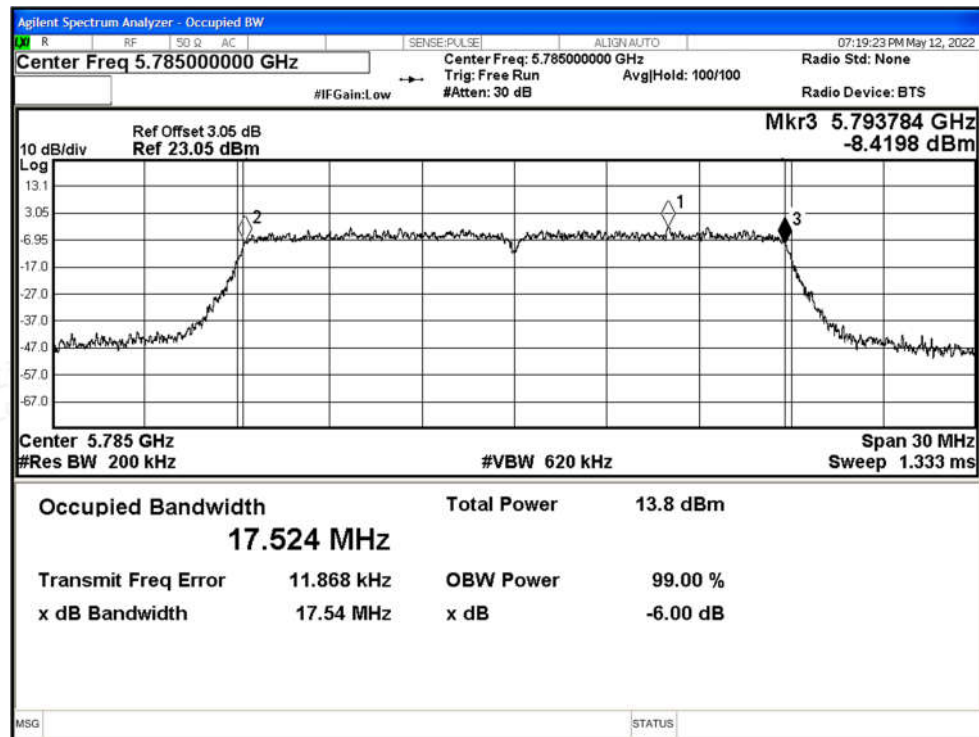
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

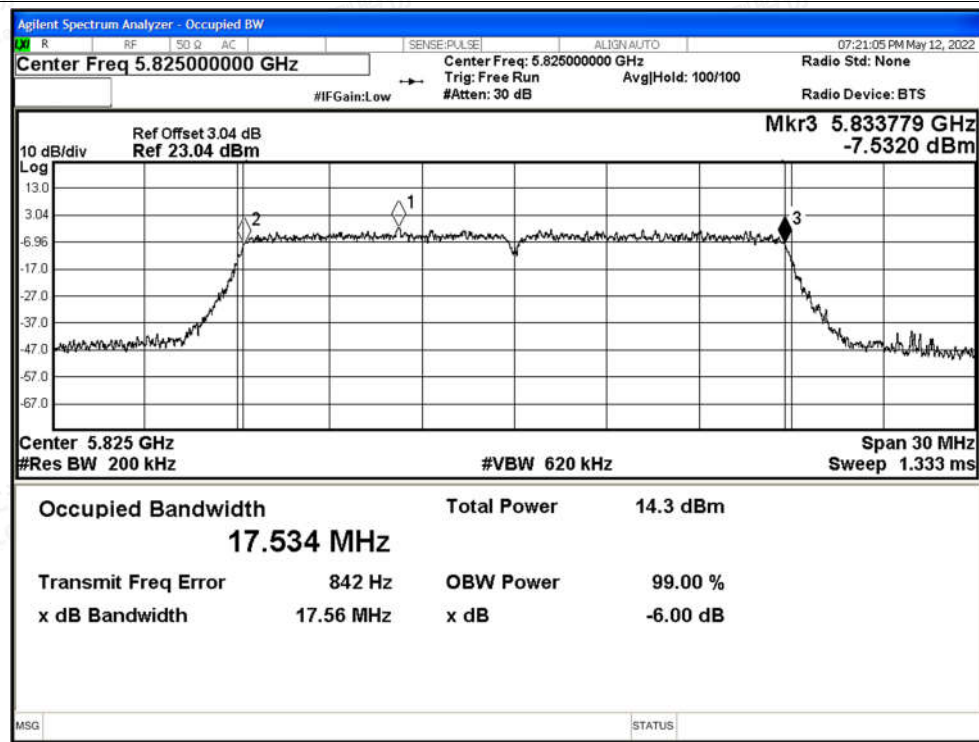
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 5785MHz Ant1

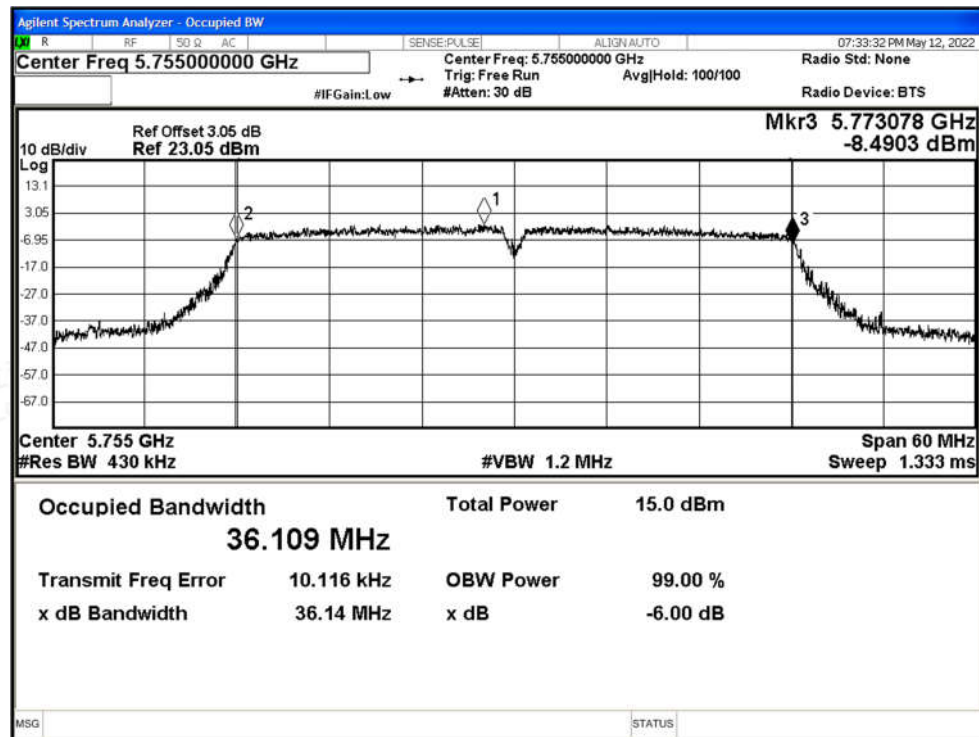


## -6dB Bandwidth NVNT n20 5825MHz Ant1

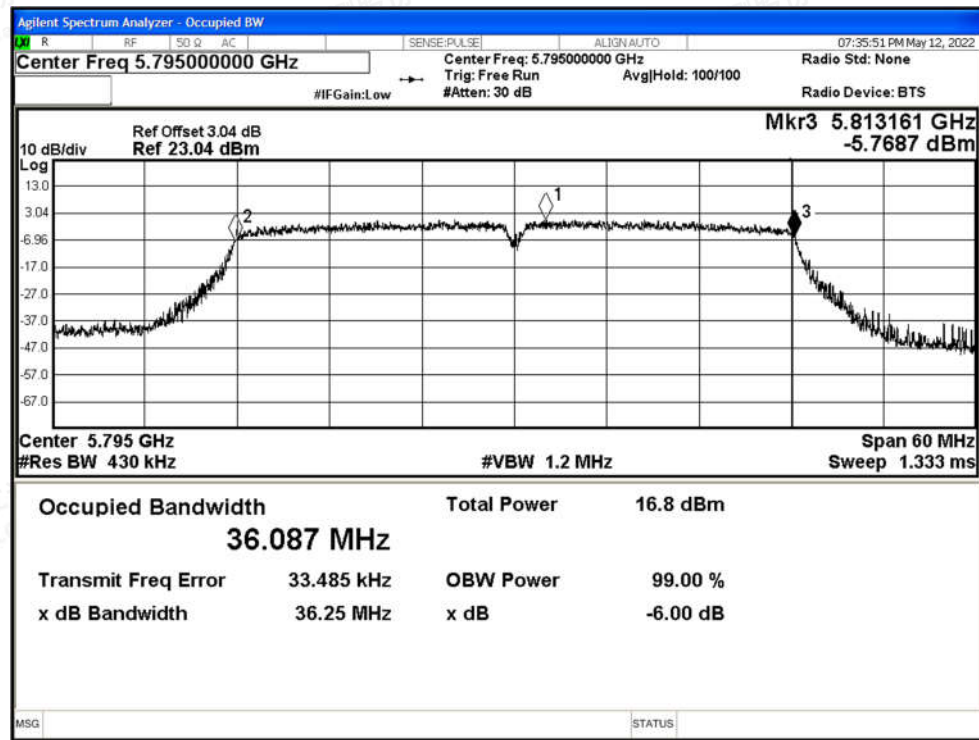




## -6dB Bandwidth NVNT n40 5755MHz Ant1

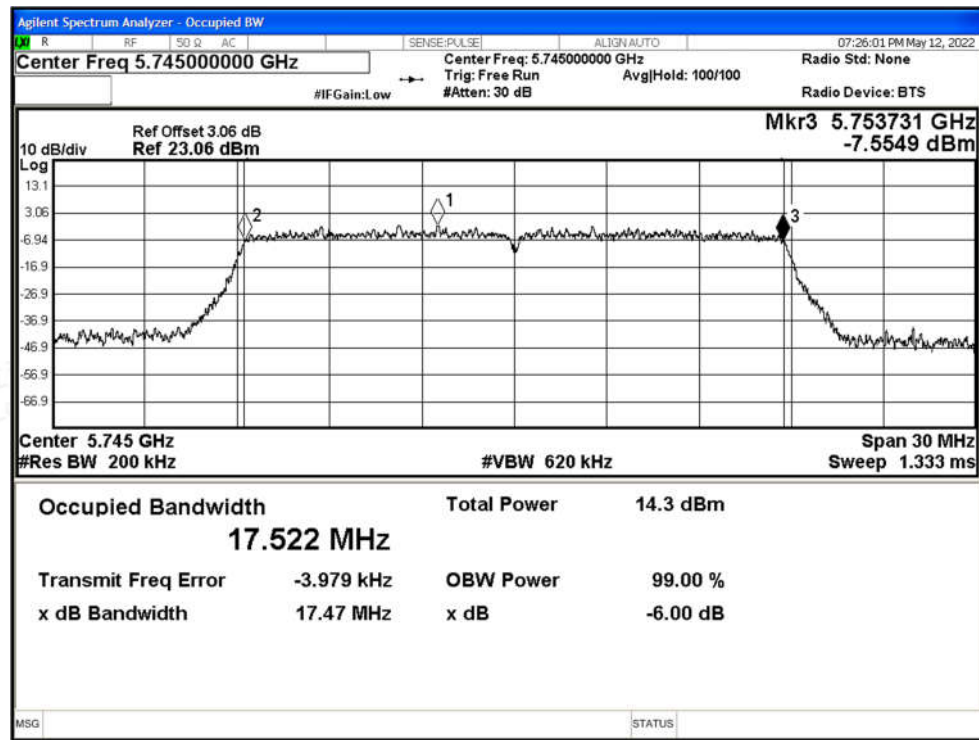


## -6dB Bandwidth NVNT n40 5795MHz Ant1

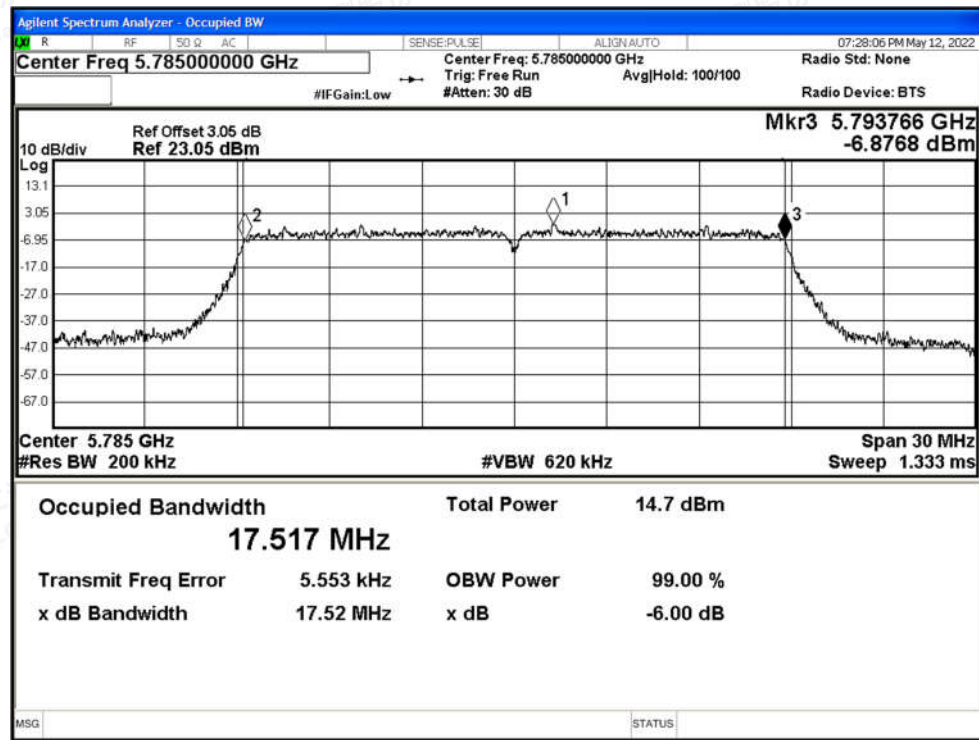




## -6dB Bandwidth NVNT ac20 5745MHz Ant1



## -6dB Bandwidth NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

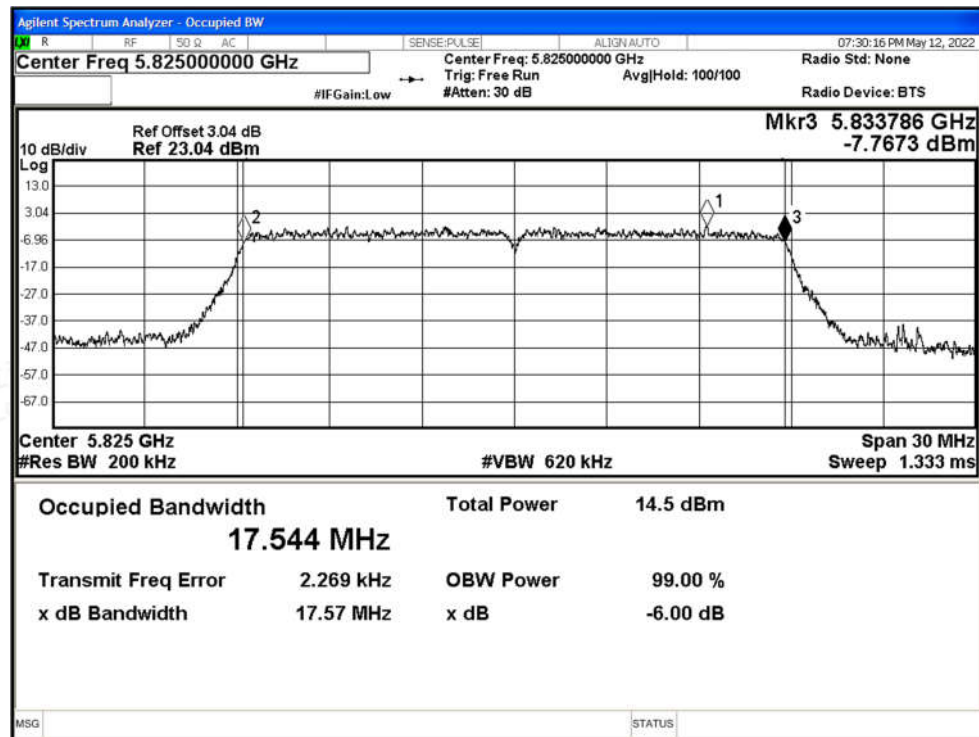
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

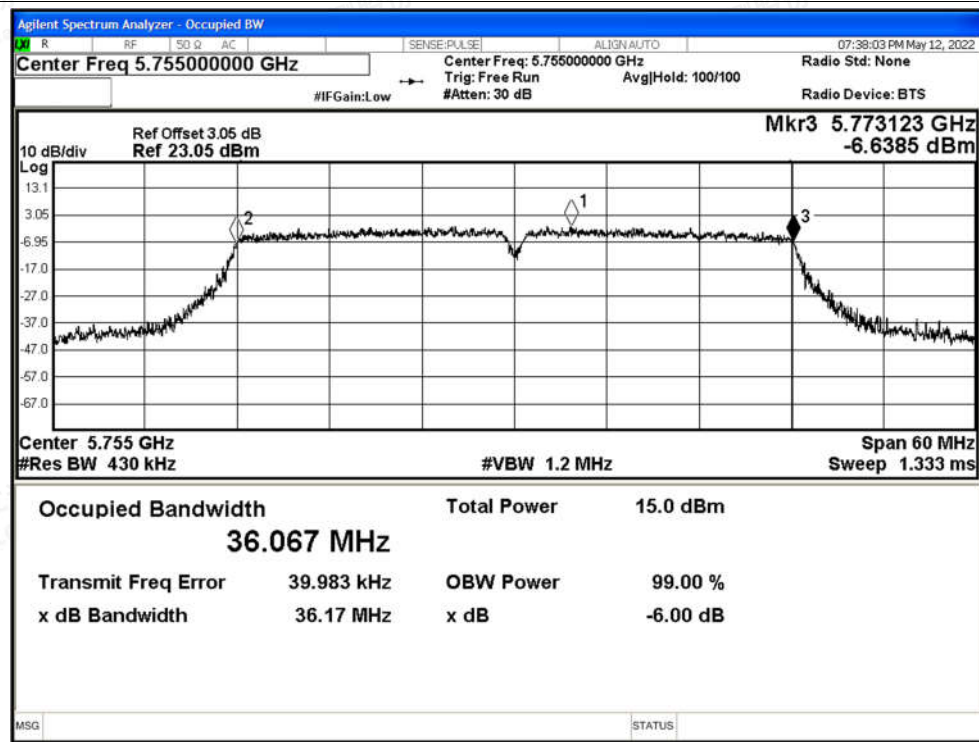
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5825MHz Ant1



## -6dB Bandwidth NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

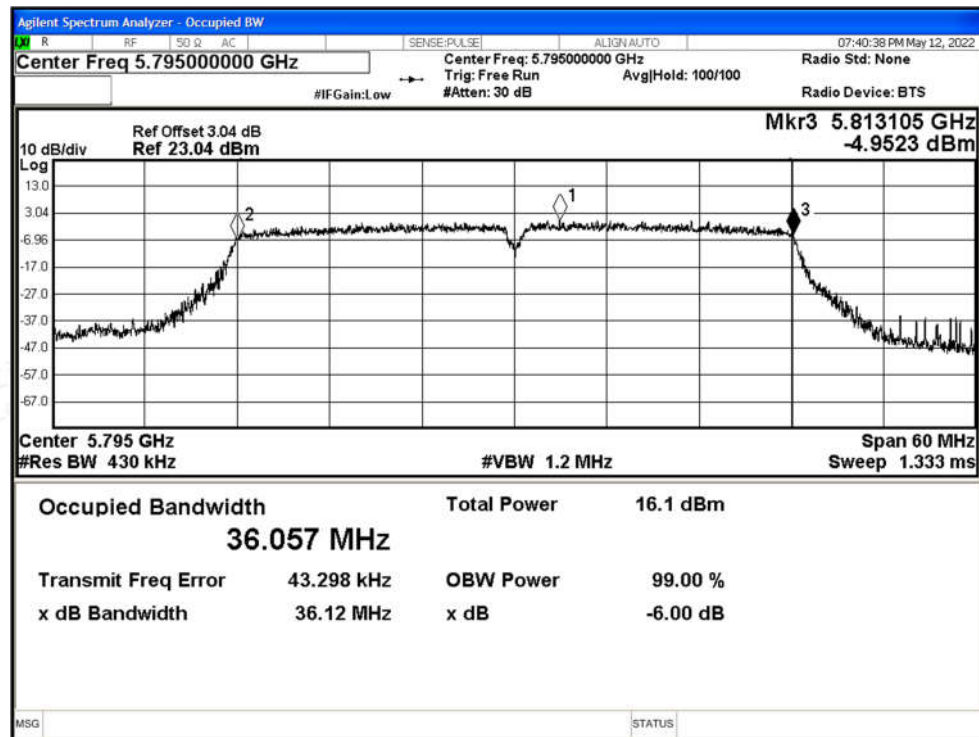
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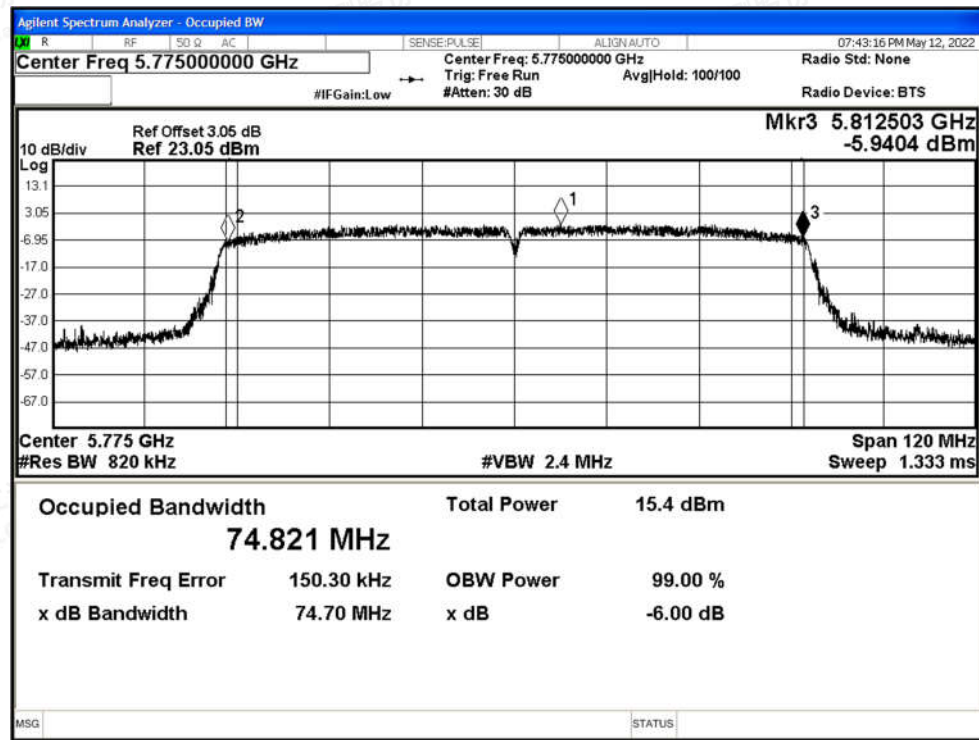
Scan code to check authenticity



## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz Ant1





## G.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant0    | 10.18                 | 0.96             | 11.14             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant0    | 6.01                  | 0.96             | 6.97              | 30          | Pass    |
| NVNT      | a    | 5825            | Ant0    | 8.91                  | 0.96             | 9.87              | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 6.16                  | 1.02             | 7.18              | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant0    | 5.83                  | 1.02             | 6.85              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 7.8                   | 1.02             | 8.82              | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 7.63                  | 1.87             | 9.5               | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant0    | 6.28                  | 1.87             | 8.15              | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant0    | 8.79                  | 1.02             | 9.81              | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant0    | 7.78                  | 1.02             | 8.8               | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant0    | 8.39                  | 1.02             | 9.41              | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant0    | 7.1                   | 1.86             | 8.96              | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant0    | 6.76                  | 1.86             | 8.62              | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant0    | 4.7                   | 3.22             | 7.92              | 30          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 8.97                  | 0                | 8.97              | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 7.72                  | 0                | 7.72              | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 7.99                  | 0.96             | 8.95              | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 8.62                  | 0                | 8.62              | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 7.35                  | 1.02             | 8.37              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 7.92                  | 1.02             | 8.94              | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 7.88                  | 0                | 7.88              | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 9.78                  | 0                | 9.78              | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 8.4                   | 0                | 8.4               | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 8.94                  | 0                | 8.94              | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 8.49                  | 0                | 8.49              | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 8.06                  | 0                | 8.06              | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 9.14                  | 0                | 9.14              | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 6.38                  | 0                | 6.38              | 30          | Pass    |





## MIMO

| Condition | Mode | Frequency (MHz) | Total Power (dBm) |      |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------------------|------|-----------|-------------|---------|
|           |      |                 | ANT0              | ANT1 | ANT0+ANT1 |             |         |
| NVNT      | n20  | 5745            | 7.18              | 8.62 | 10.97     | 30          | Pass    |
| NVNT      | n20  | 5785            | 6.85              | 8.37 | 10.69     | 30          | Pass    |
| NVNT      | n20  | 5825            | 8.82              | 8.94 | 11.89     | 30          | Pass    |
| NVNT      | n40  | 5755            | 9.5               | 7.88 | 11.78     | 30          | Pass    |
| NVNT      | n40  | 5795            | 8.15              | 9.78 | 12.05     | 30          | Pass    |
| NVNT      | ac20 | 5745            | 9.81              | 8.4  | 12.17     | 30          | Pass    |
| NVNT      | ac20 | 5785            | 8.8               | 8.94 | 11.88     | 30          | Pass    |
| NVNT      | ac20 | 5825            | 9.41              | 8.49 | 11.98     | 30          | Pass    |
| NVNT      | ac40 | 5755            | 8.96              | 8.06 | 11.54     | 30          | Pass    |
| NVNT      | ac40 | 5795            | 8.62              | 9.14 | 11.90     | 30          | Pass    |
| NVNT      | ac80 | 5775            | 7.92              | 6.38 | 10.23     | 30          | Pass    |





### G.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    | 5745            | Ant0    | -14.89              | 0.96             | -13.93          | 30          | Pass    |
| NVNT      | a    | 5785            | Ant0    | -15.89              | 0.96             | -14.93          | 30          | Pass    |
| NVNT      | a    | 5825            | Ant0    | -15.95              | 0.96             | -14.99          | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant0    | -16.68              | 1.02             | -15.66          | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant0    | -19.74              | 1.02             | -18.72          | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant0    | -13.84              | 1.02             | -12.82          | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant0    | -25.59              | 1.87             | -23.72          | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant0    | -25.2               | 1.87             | -23.33          | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant0    | -15.51              | 1.02             | -14.49          | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant0    | -18                 | 1.02             | -16.98          | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant0    | -14.72              | 1.02             | -13.7           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant0    | -25.9               | 1.86             | -24.04          | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant0    | -26.39              | 1.86             | -24.53          | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant0    | -34.08              | 3.22             | -30.86          | 30          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -15.39              | 0.96             | -14.43          | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -15.9               | 0.96             | -14.94          | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -15.55              | 0.96             | -14.59          | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -18.42              | 1.02             | -17.4           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -15.43              | 1.02             | -14.41          | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -17.74              | 1.02             | -16.72          | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -24.04              | 1.87             | -22.17          | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -24.35              | 1.87             | -22.48          | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -18.46              | 1.02             | -17.44          | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -15.39              | 1.02             | -14.37          | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -13.82              | 1.02             | -12.8           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -24.97              | 1.86             | -23.11          | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -24.05              | 1.86             | -22.19          | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -33.82              | 3.27             | -30.55          | 30          | Pass    |





## MIMO

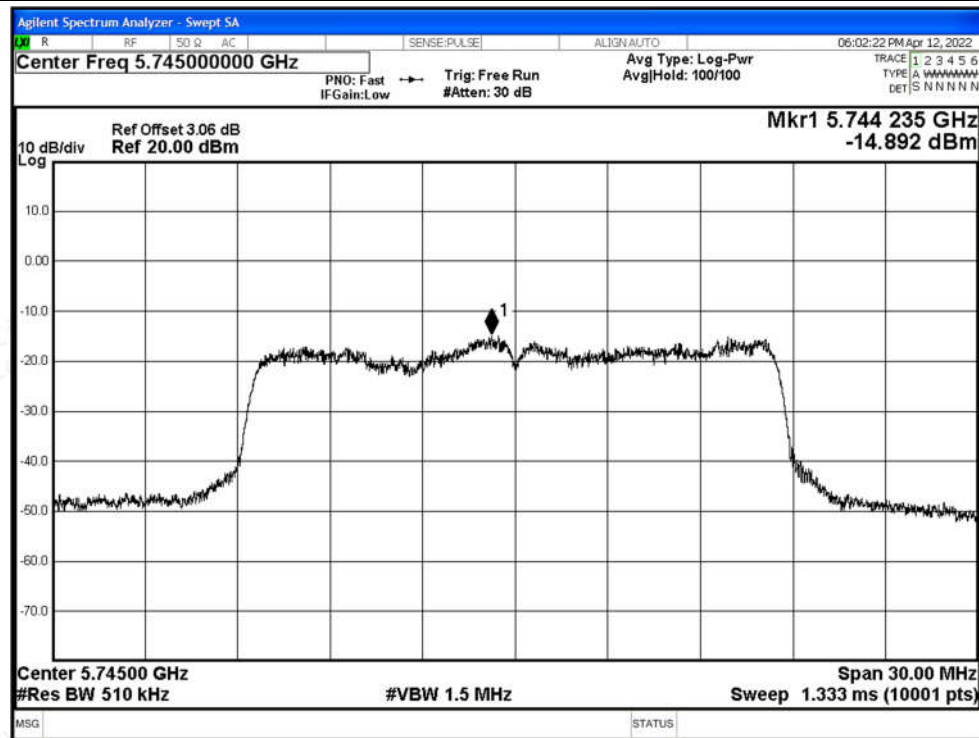
| Condition | Mode | Frequency (MHz) | Total PSD (dBm) |        |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|-----------------|--------|-----------|-------------|---------|
|           |      |                 | ANT0            | ANT1   | ANT0+ANT1 |             |         |
| NVNT      | n20  | 5745            | -15.66          | -17.4  | -13.43    | 30          | Pass    |
| NVNT      | n20  | 5785            | -18.72          | -14.41 | -13.04    | 30          | Pass    |
| NVNT      | n20  | 5825            | -12.82          | -16.72 | -11.34    | 30          | Pass    |
| NVNT      | n40  | 5755            | -23.72          | -22.17 | -19.87    | 30          | Pass    |
| NVNT      | n40  | 5795            | -23.33          | -22.48 | -19.87    | 30          | Pass    |
| NVNT      | ac20 | 5745            | -14.49          | -17.44 | -12.71    | 30          | Pass    |
| NVNT      | ac20 | 5785            | -16.98          | -14.37 | -12.47    | 30          | Pass    |
| NVNT      | ac20 | 5825            | -13.7           | -12.8  | -10.22    | 30          | Pass    |
| NVNT      | ac40 | 5755            | -24.04          | -23.11 | -20.54    | 30          | Pass    |
| NVNT      | ac40 | 5795            | -24.53          | -22.19 | -20.19    | 30          | Pass    |
| NVNT      | ac80 | 5775            | -30.86          | -30.55 | -27.69    | 30          | Pass    |



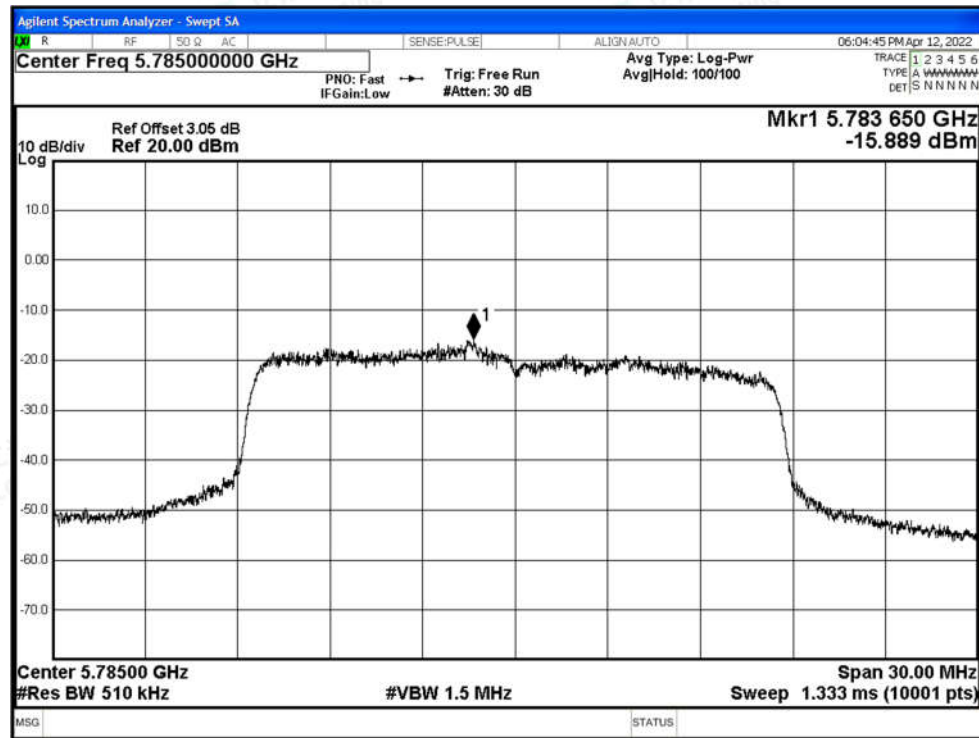


## Test Graphs

PSD NVNT a 5745MHz Ant0

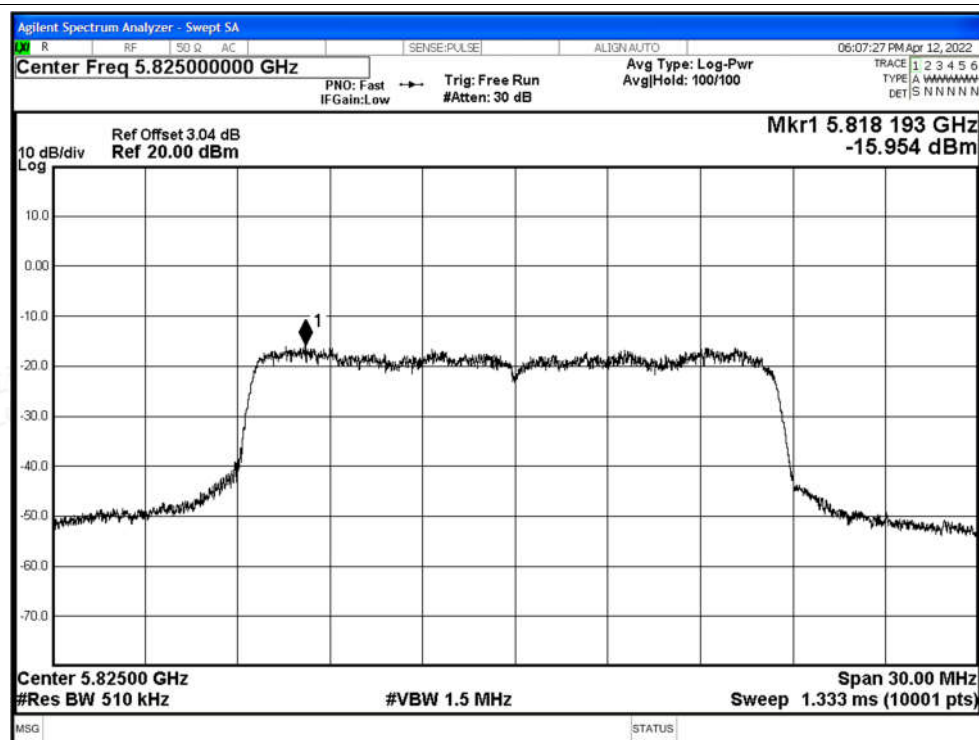


PSD NVNT a 5785MHz Ant0

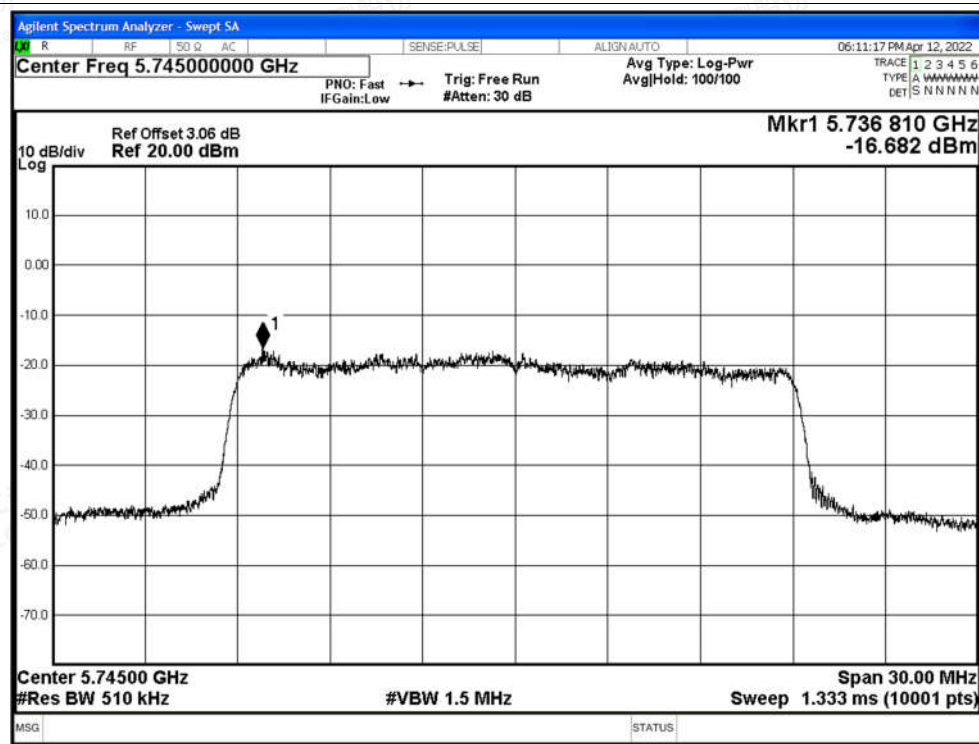




## PSD NVNT a 5825MHz Ant0



## PSD NVNT n20 5745MHz Ant0

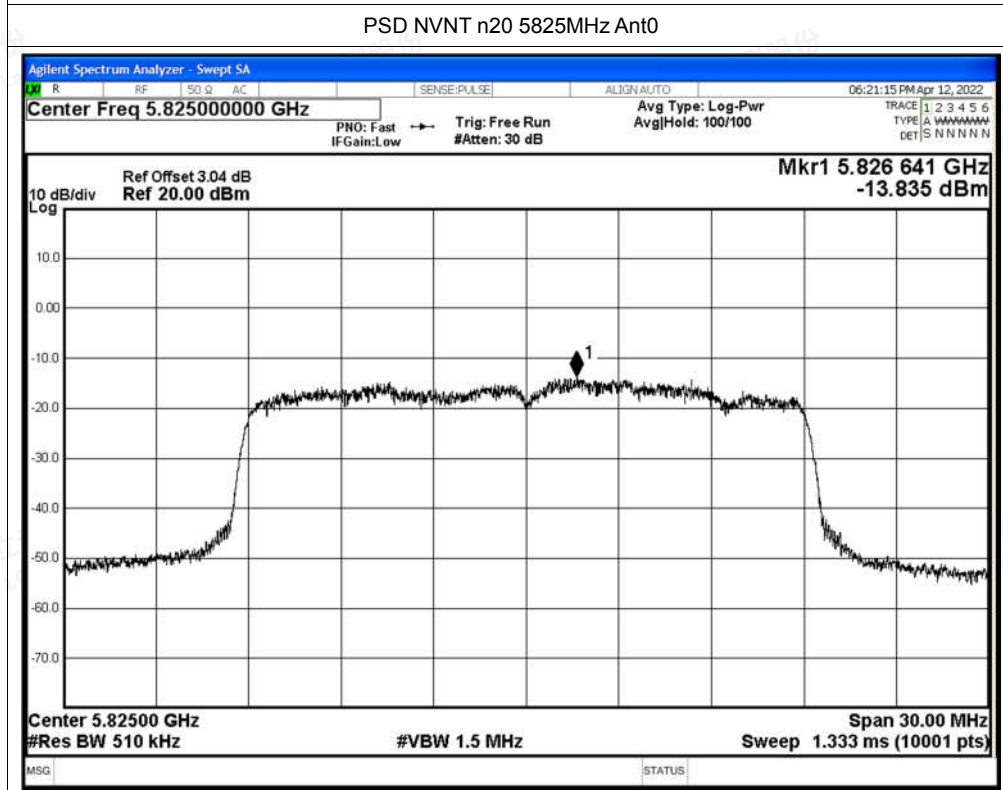
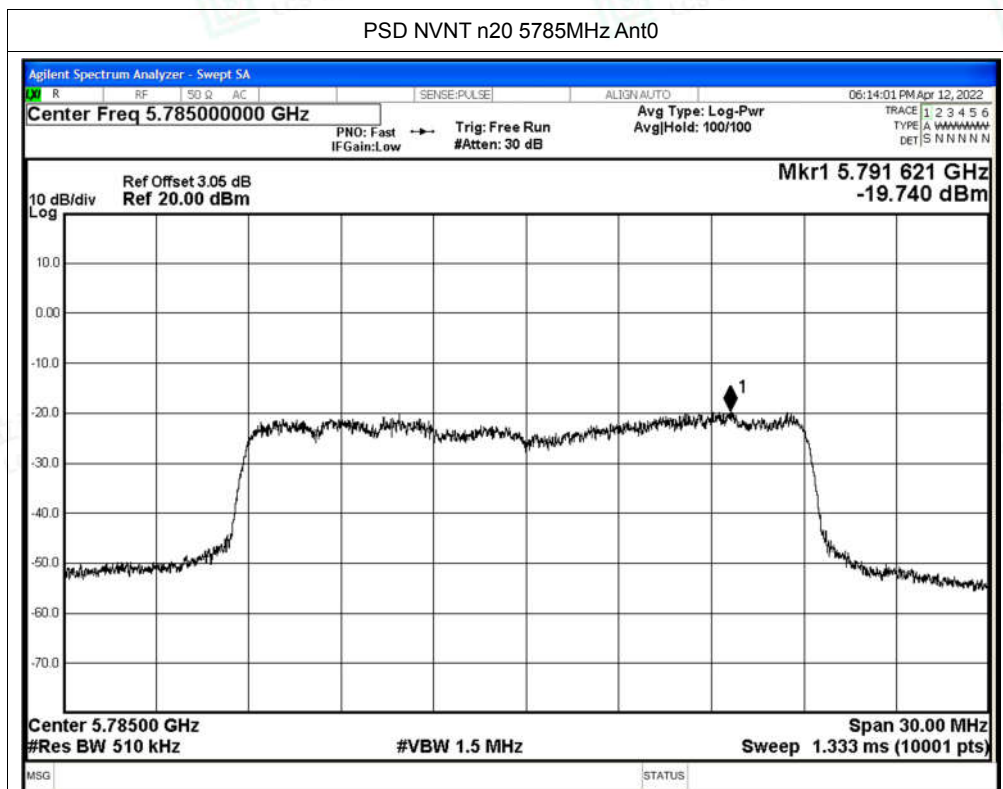


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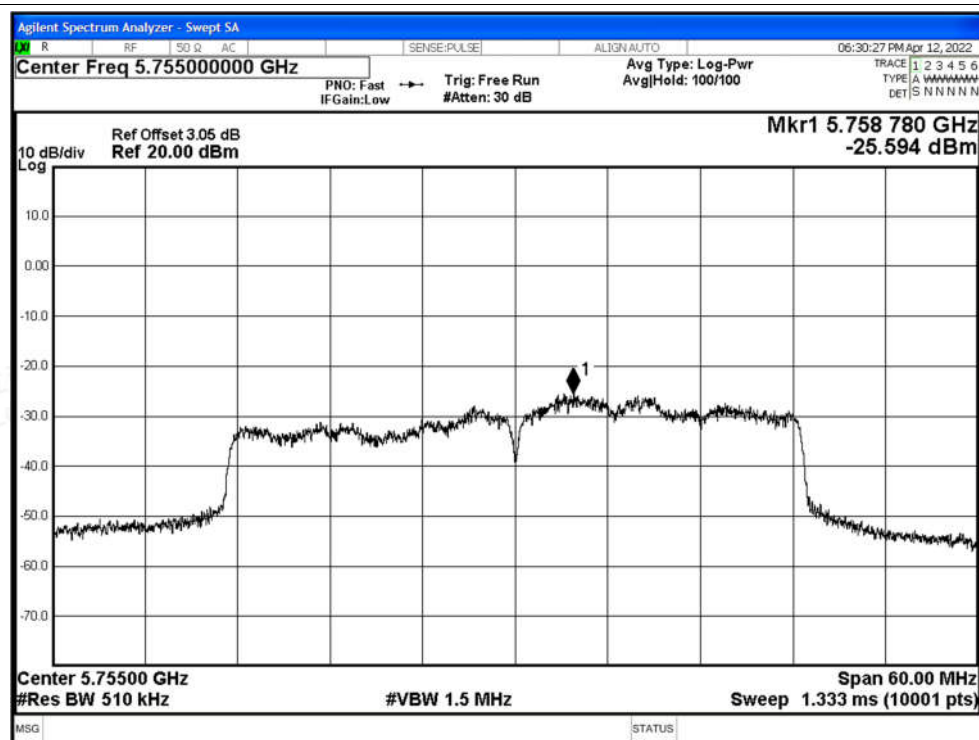
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

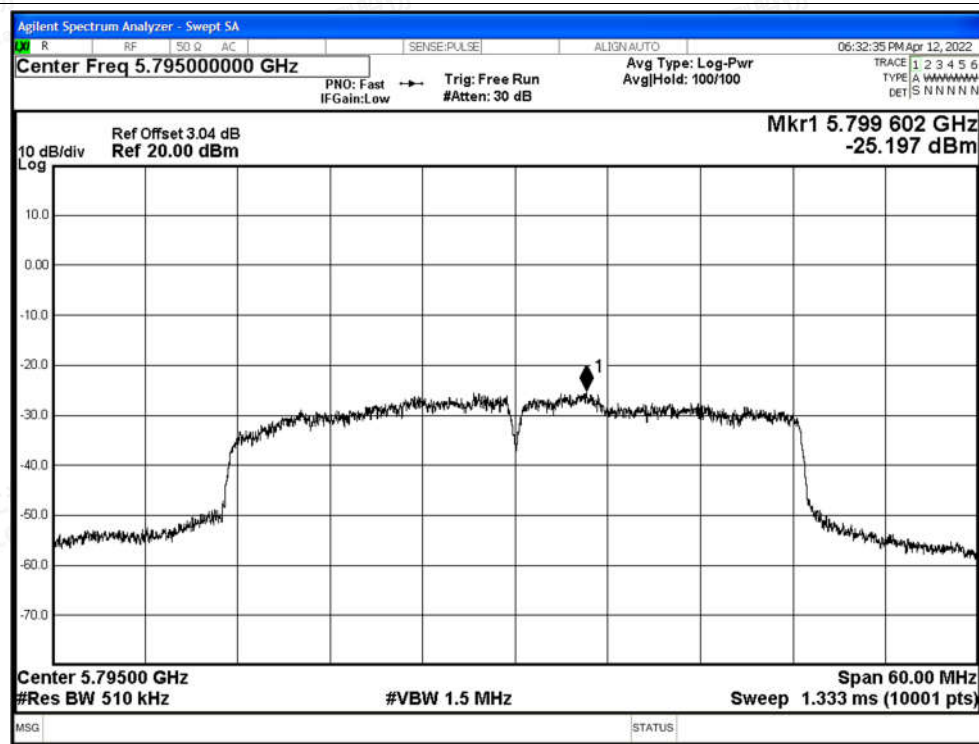
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## PSD NVNT n40 5755MHz Ant0



## PSD NVNT n40 5795MHz Ant0



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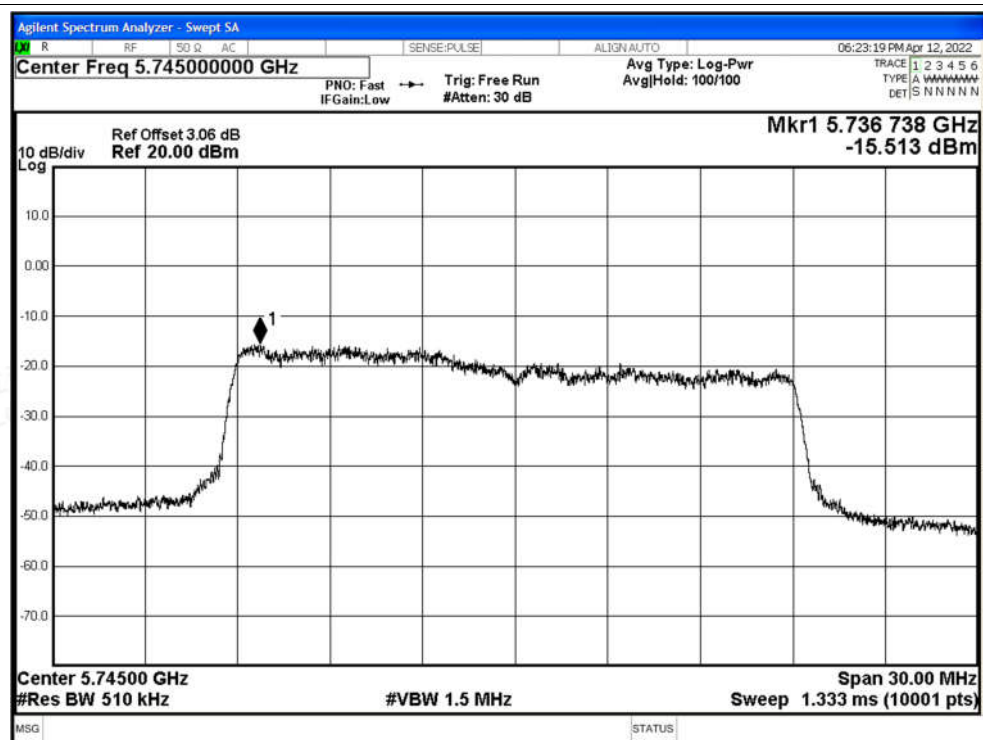
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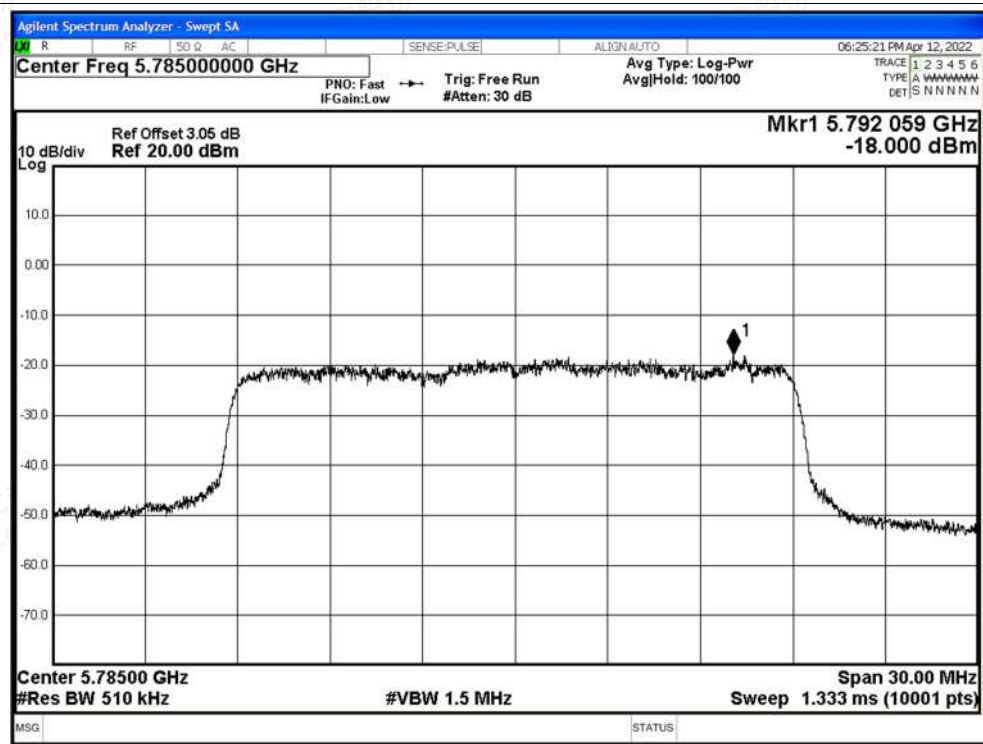
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## PSD NVNT ac20 5745MHz Ant0

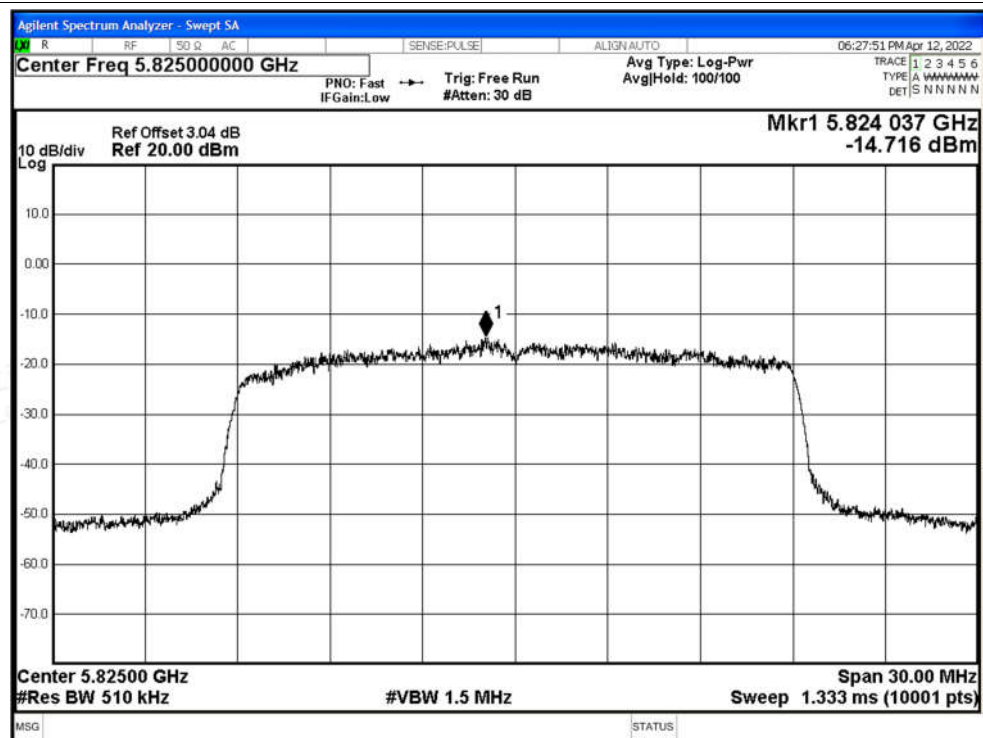


## PSD NVNT ac20 5785MHz Ant0

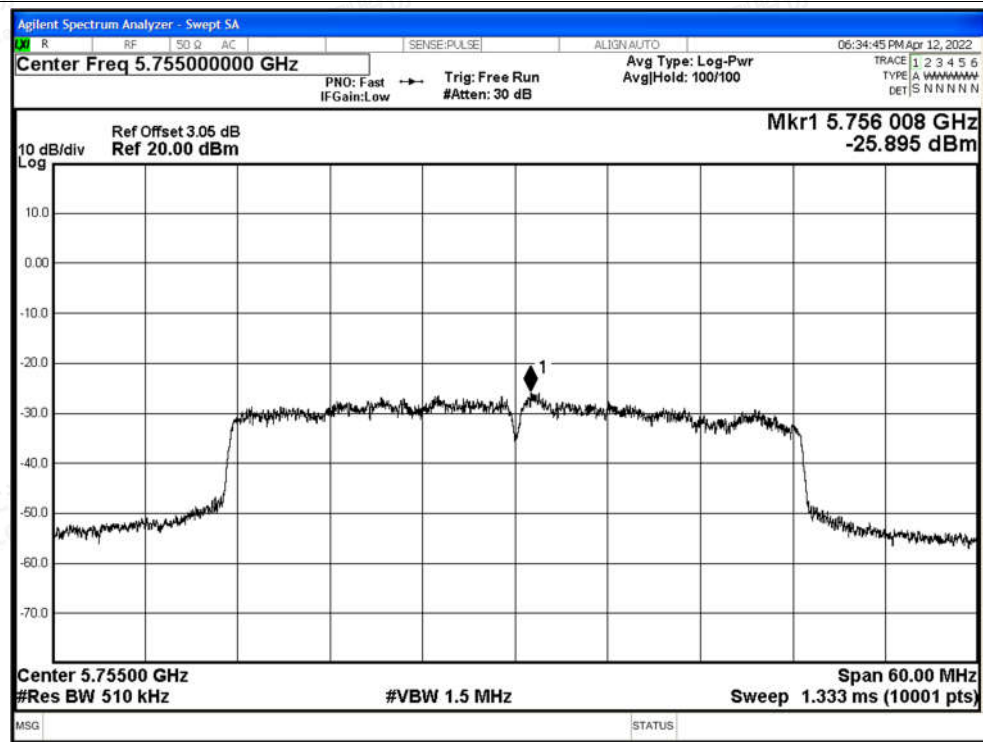




## PSD NVNT ac20 5825MHz Ant0

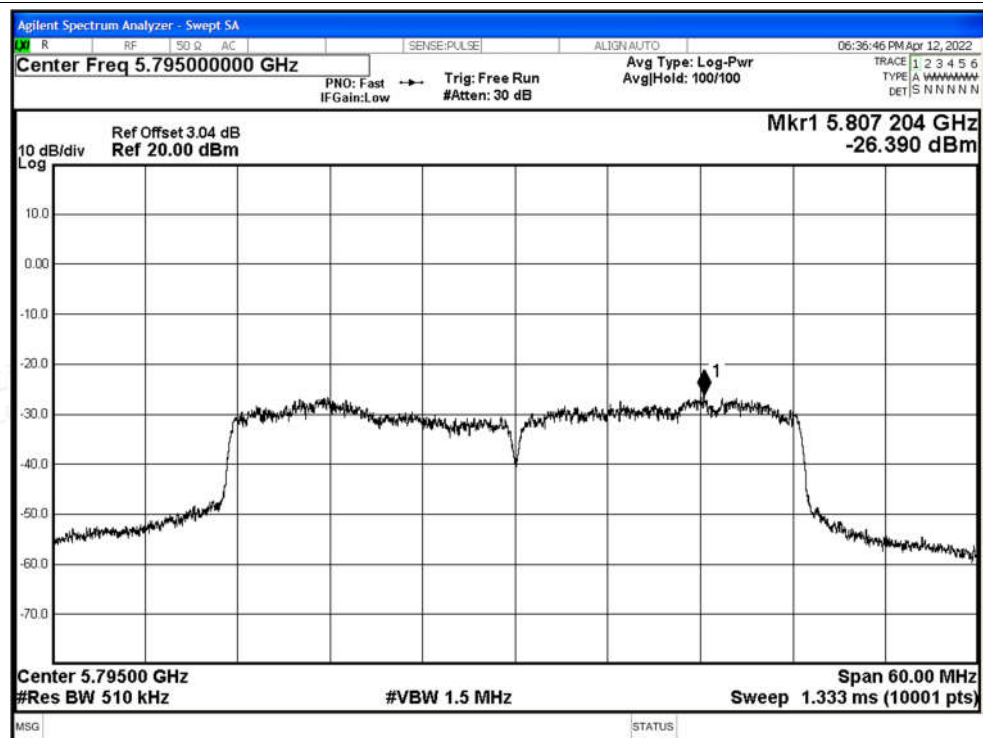


## PSD NVNT ac40 5755MHz Ant0

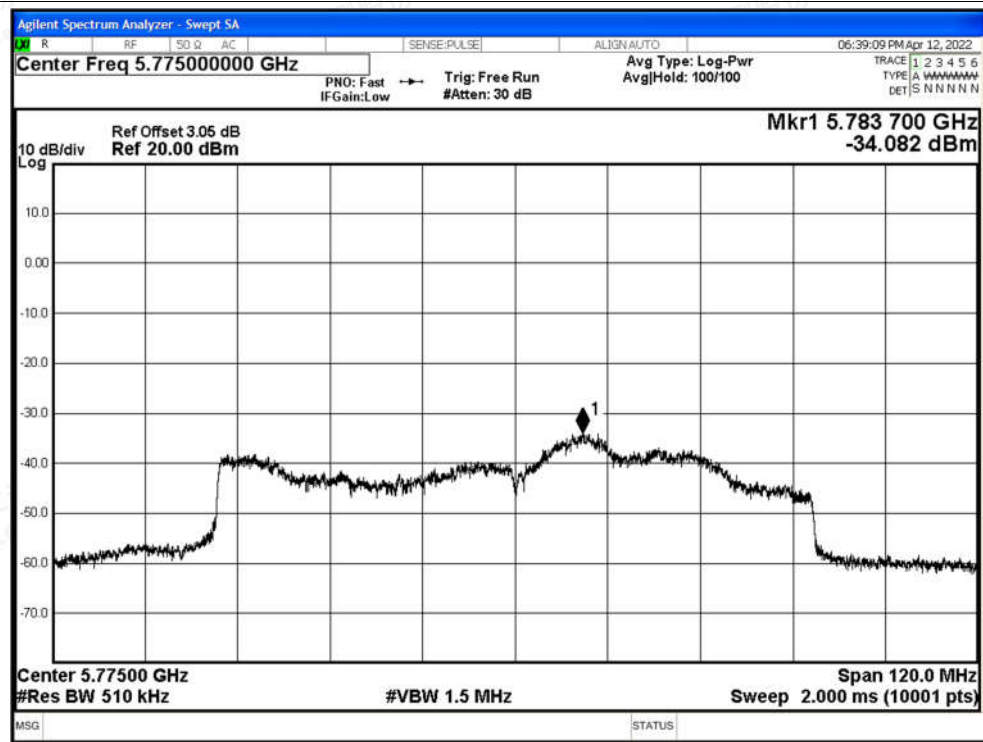




## PSD NVNT ac40 5795MHz Ant0



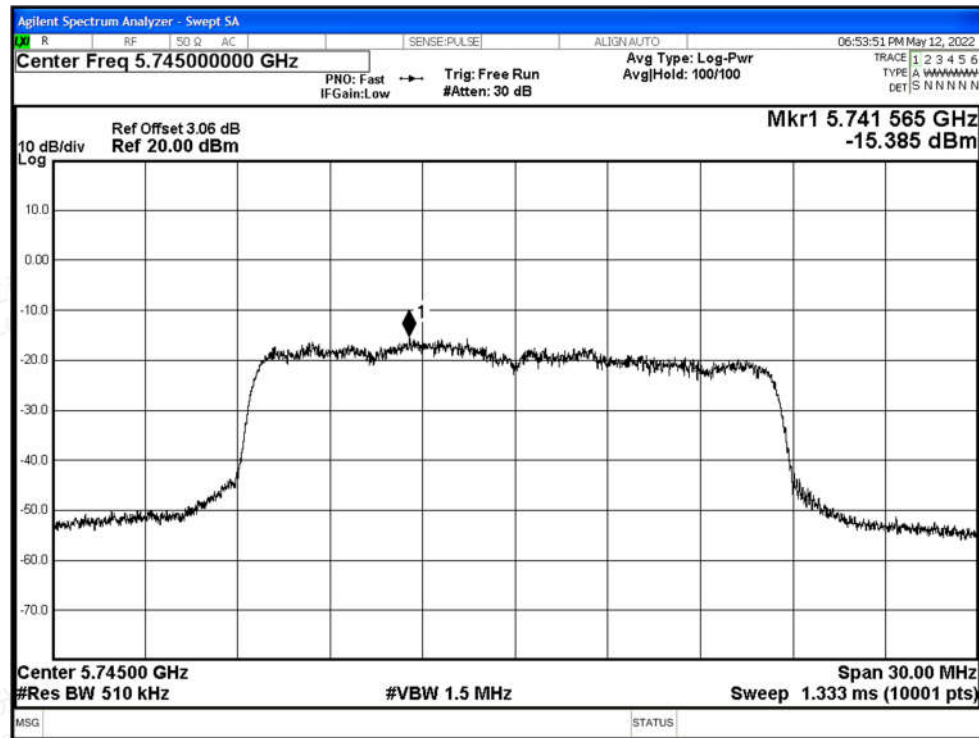
## PSD NVNT ac80 5775MHz Ant0



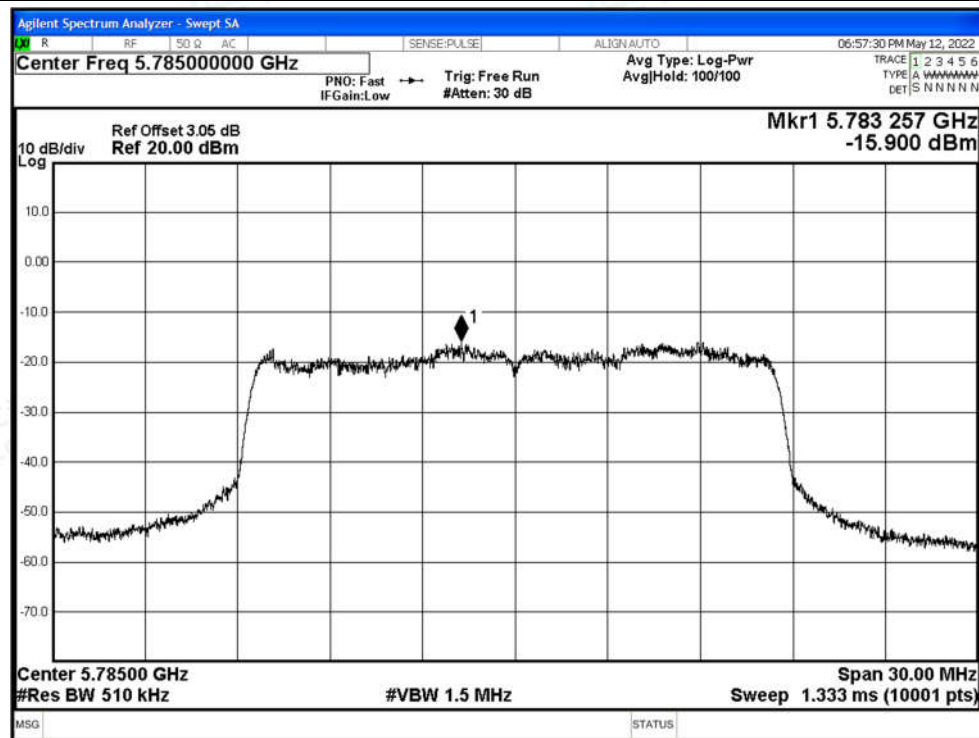


## Test Graphs

PSD NVNT a 5745MHz Ant1

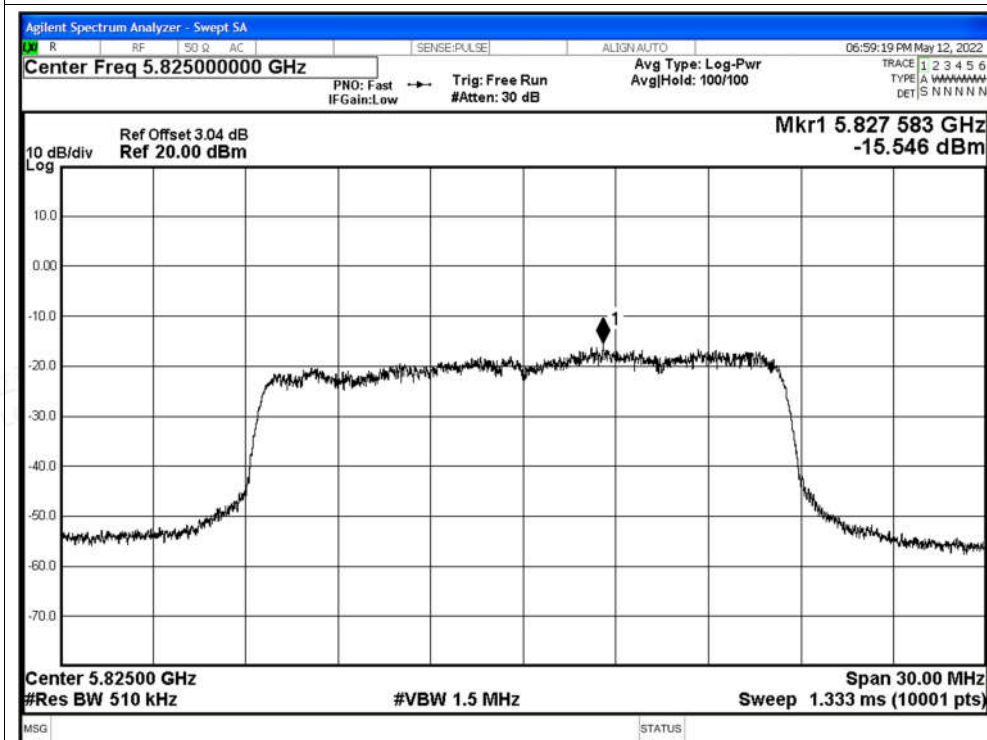


PSD NVNT a 5785MHz Ant1

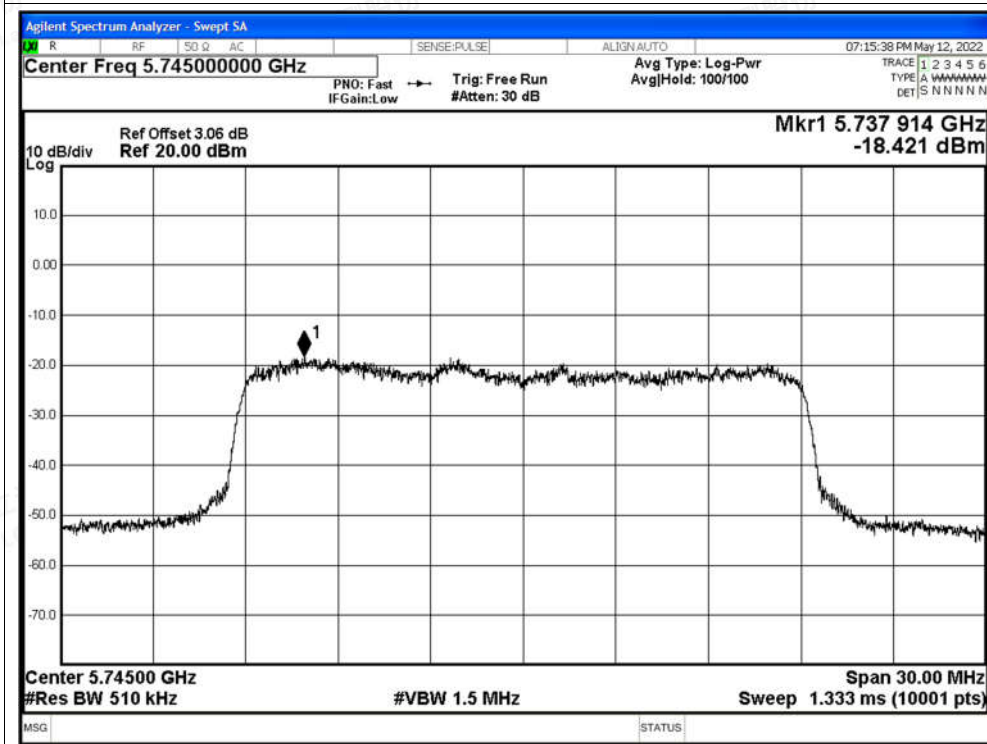




PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



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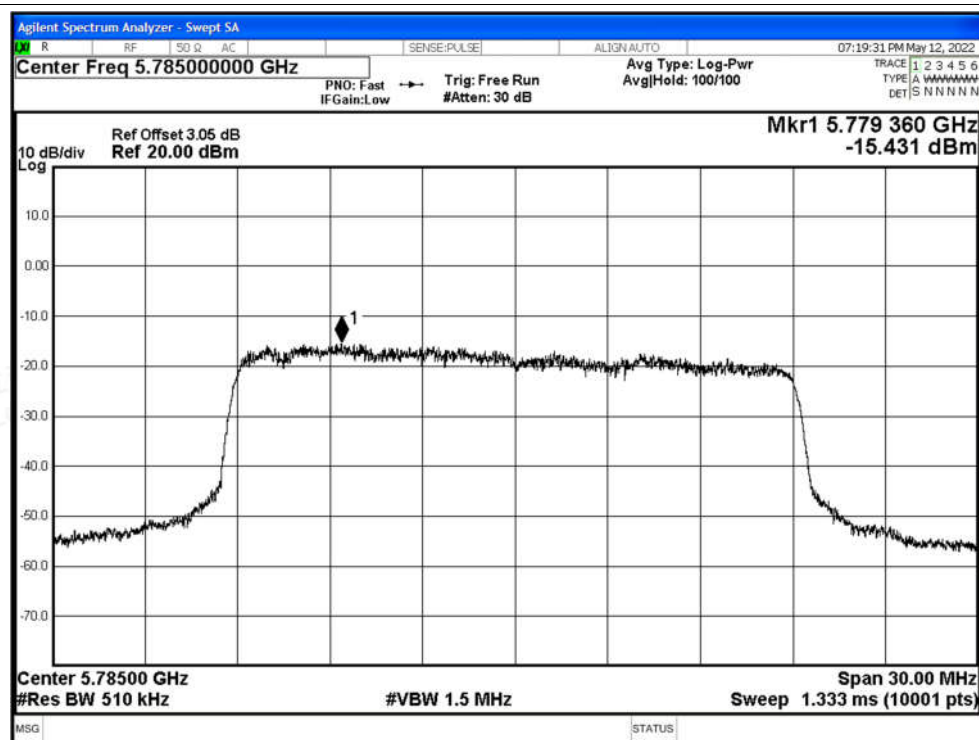
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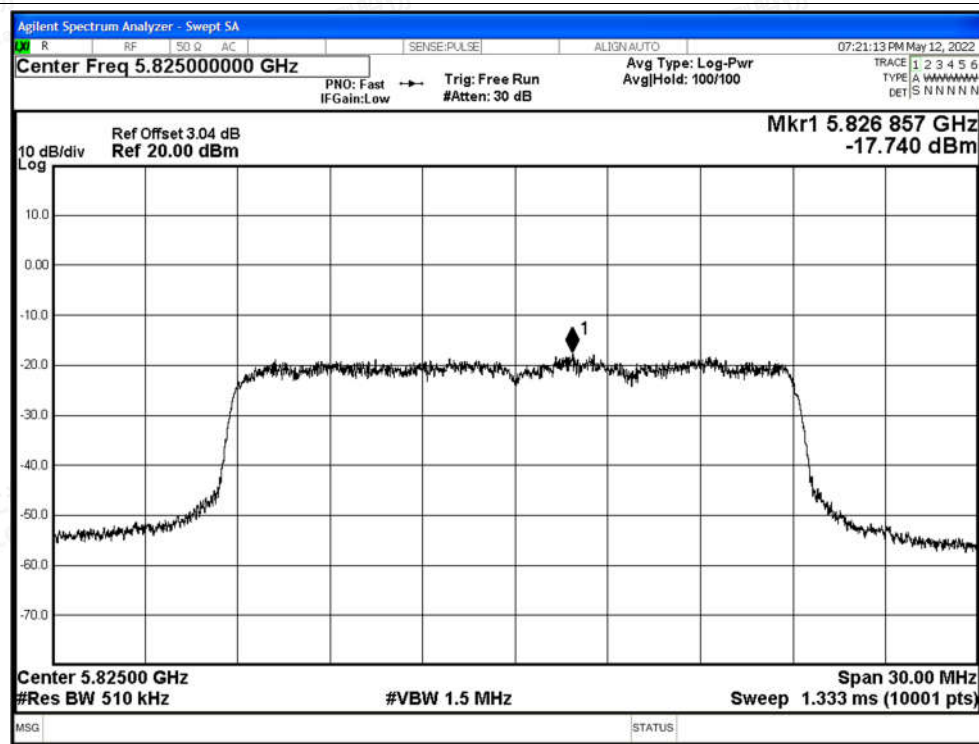
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PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



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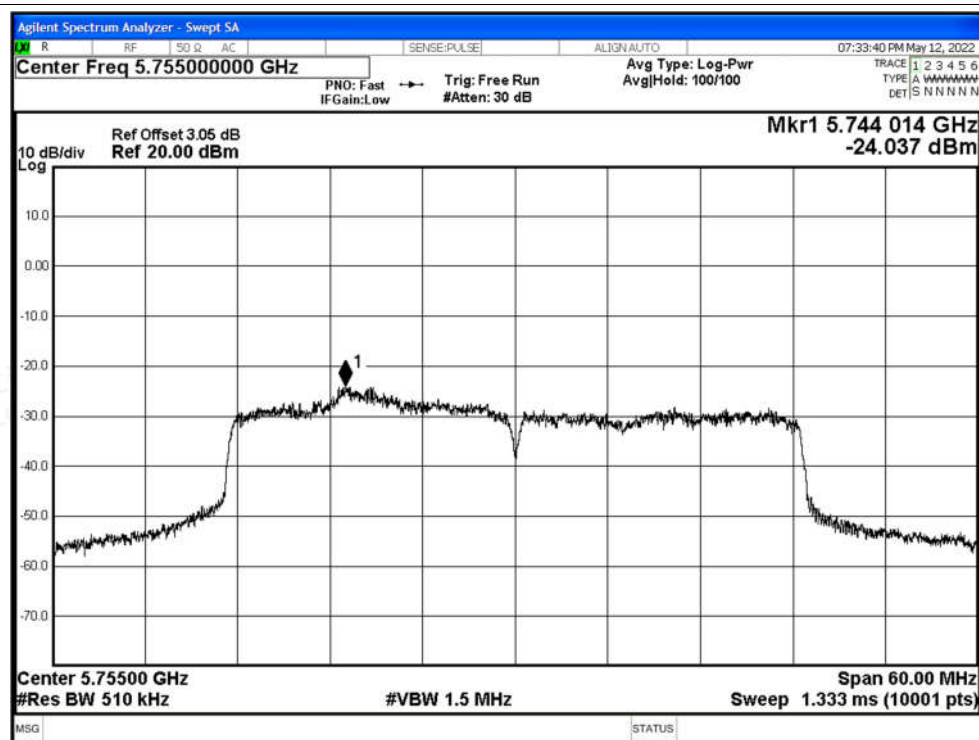
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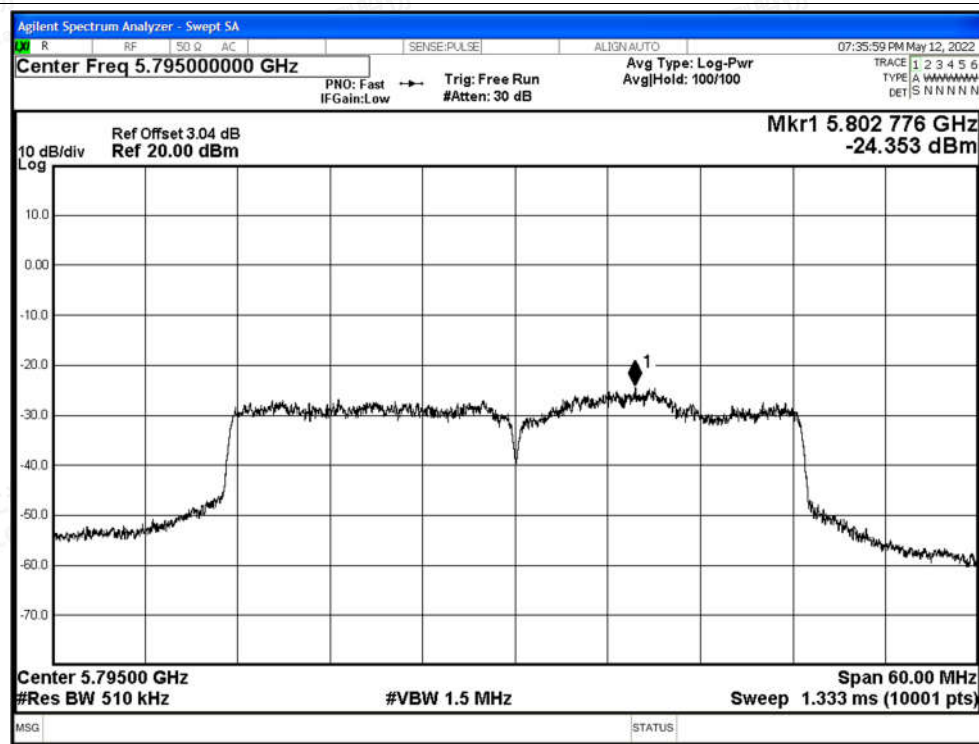
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PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



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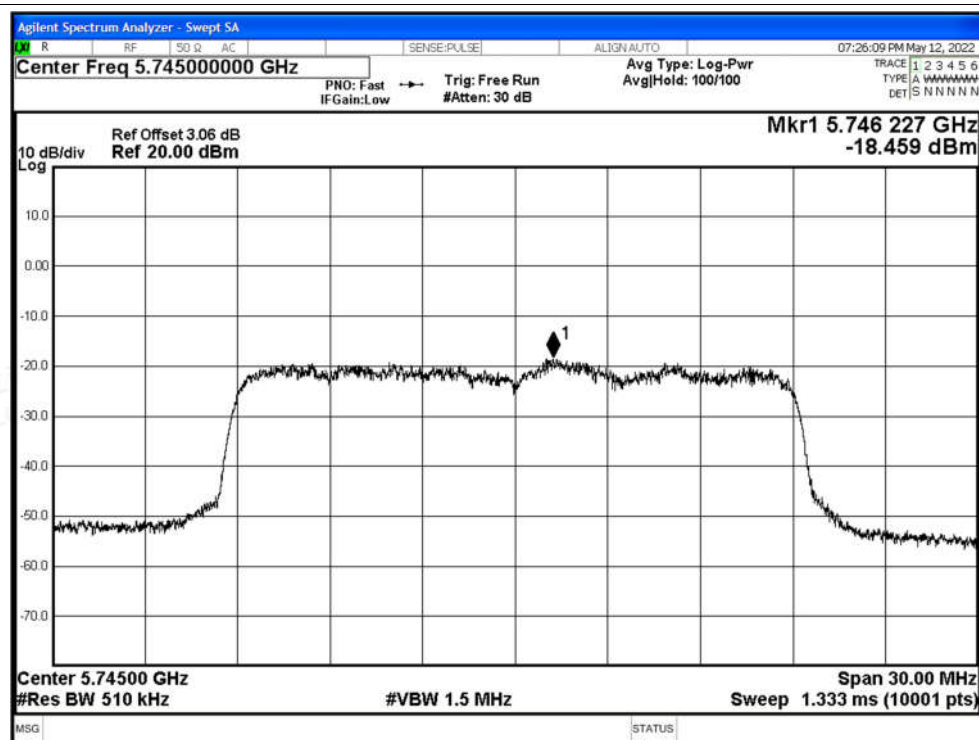
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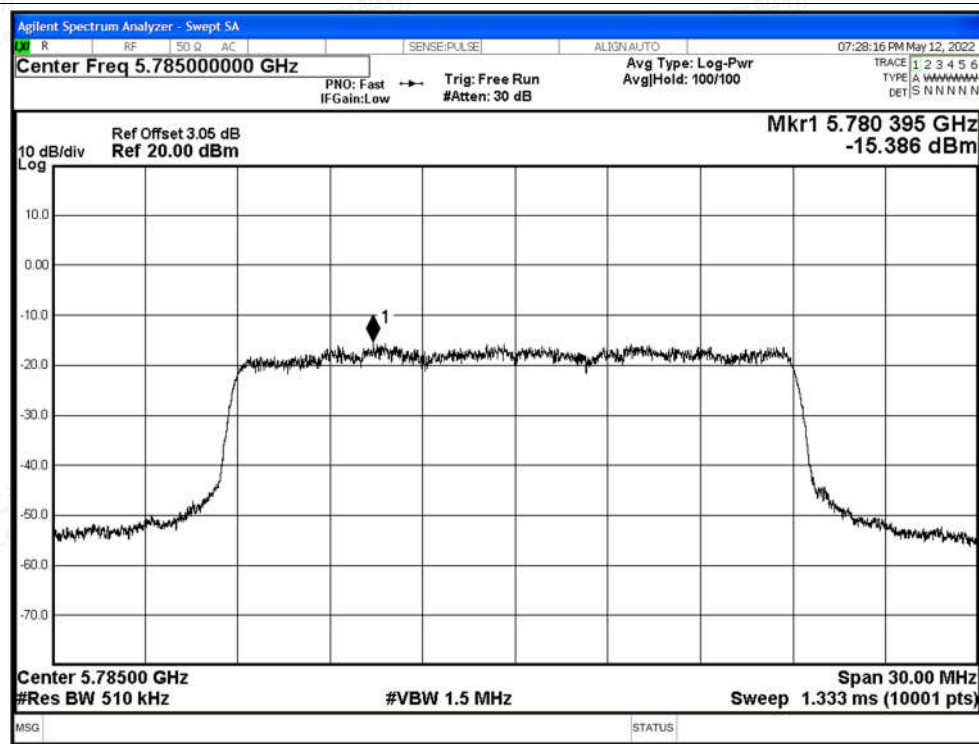
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PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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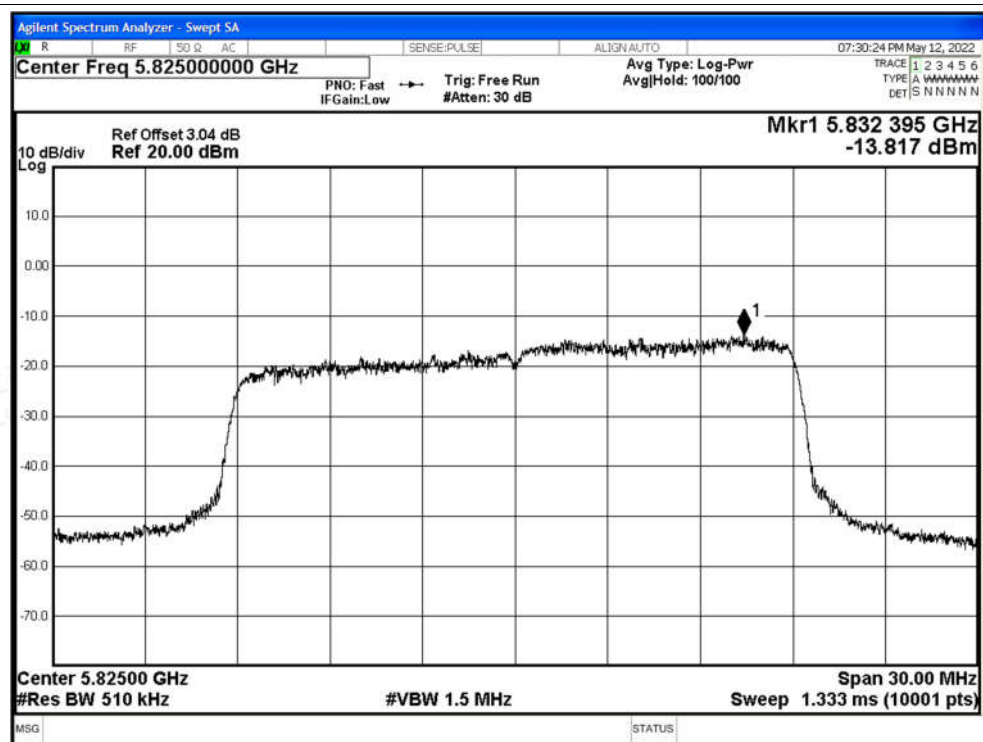
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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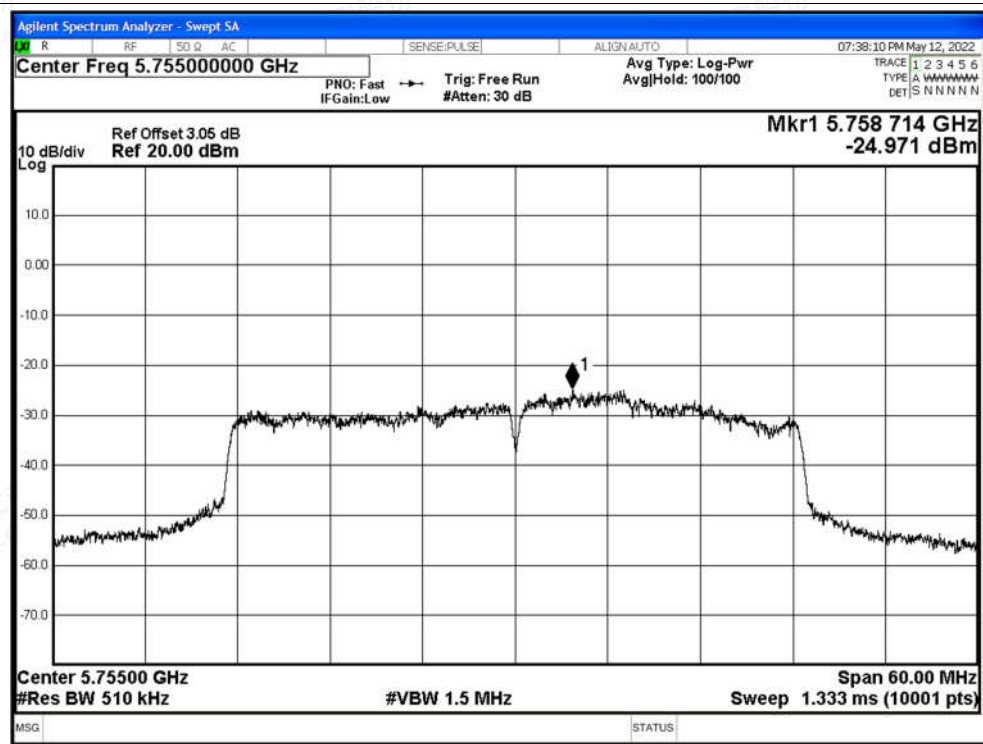
Scan code to check authenticity



PSD NVNT ac20 5825MHz Ant1

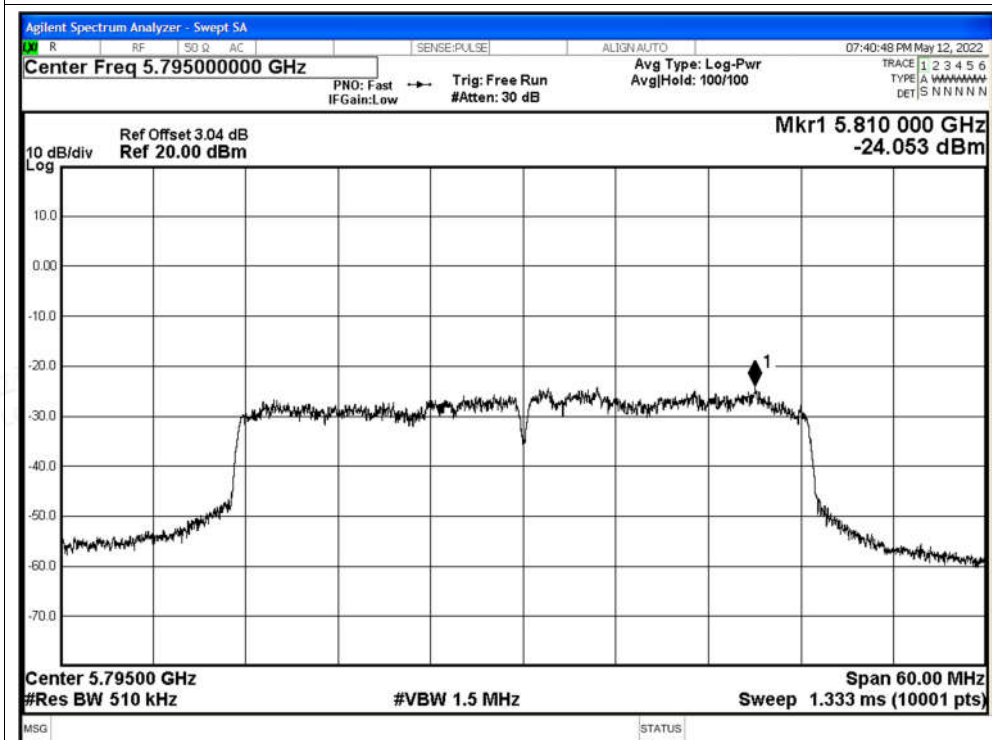


PSD NVNT ac40 5755MHz Ant1

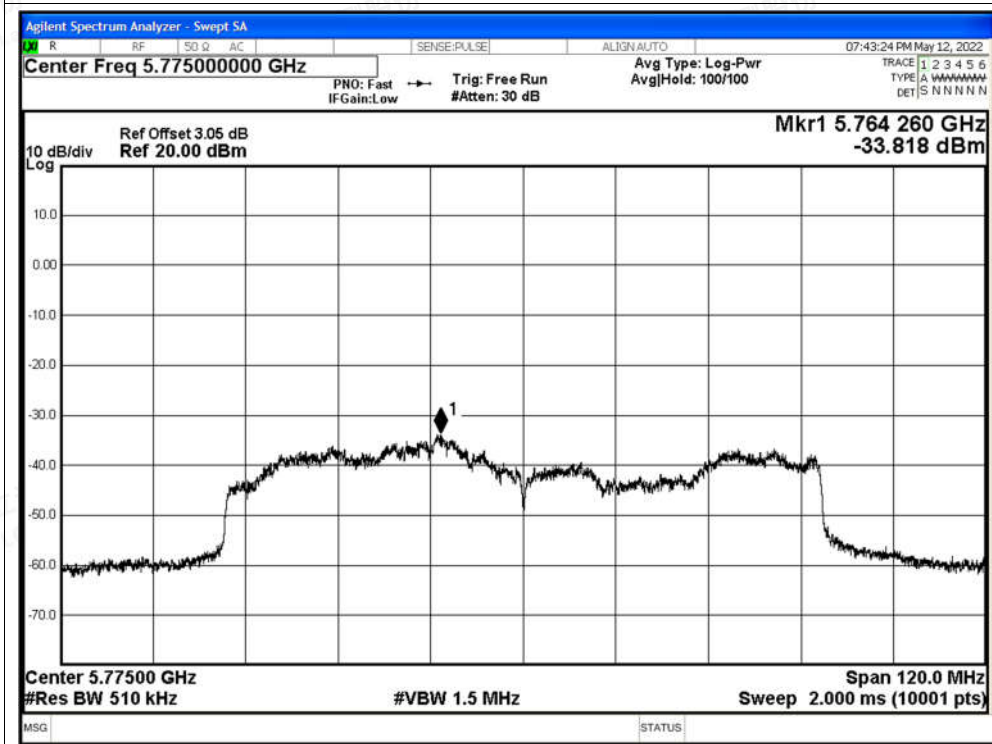




PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



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## G.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    | 5745            | Ant0    | 5650            | -51.35      | 2          | -49.35     | Peak     | -27            | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5650            | -59.19      | 2          | -57.19     | Average  | -27            | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5700            | -49.69      | 2          | -47.69     | Peak     | 10             | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5700            | -58.83      | 2          | -56.83     | Average  | 10             | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5720            | -35.75      | 2          | -33.75     | Peak     | 15.6           | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5720            | -52.86      | 2          | -50.86     | Average  | 15.6           | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5725            | -33.75      | 2          | -31.75     | Peak     | 27             | Pass    |
| NVNT      | a    | 5745            | Ant0    | 5725            | -46.98      | 2          | -44.98     | Average  | 27             | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5850            | -41.93      | 2          | -39.93     | Peak     | 27             | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5850            | -54.85      | 2          | -52.85     | Average  | 27             | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5855            | -45.12      | 2          | -43.12     | Peak     | 15.6           | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5855            | -57.31      | 2          | -55.31     | Average  | 15.6           | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5875            | -50.01      | 2          | -48.01     | Peak     | 10             | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5875            | -59.06      | 2          | -57.06     | Average  | 10             | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5925            | -50.17      | 2          | -48.17     | Peak     | -27            | Pass    |
| NVNT      | a    | 5825            | Ant0    | 5925            | -58.94      | 2          | -56.94     | Average  | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5650            | -49.88      | 2          | -47.88     | Peak     | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5650            | -59.26      | 2          | -57.26     | Average  | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5700            | -49.15      | 2          | -47.15     | Peak     | 10             | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5700            | -59.02      | 2          | -57.02     | Average  | 10             | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5720            | -41.84      | 2          | -39.84     | Peak     | 15.6           | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5720            | -53.79      | 2          | -51.79     | Average  | 15.6           | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5725            | -35.32      | 2          | -33.32     | Peak     | 27             | Pass    |
| NVNT      | n20  | 5745            | Ant0    | 5725            | -47.5       | 2          | -45.5      | Average  | 27             | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5850            | -43.77      | 2          | -41.77     | Peak     | 27             | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5850            | -55.29      | 2          | -53.29     | Average  | 27             | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5855            | -48.2       | 2          | -46.2      | Peak     | 15.6           | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5855            | -57.17      | 2          | -55.17     | Average  | 15.6           | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5875            | -49.96      | 2          | -47.96     | Peak     | 10             | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5875            | -59.11      | 2          | -57.11     | Average  | 10             | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5925            | -49.14      | 2          | -47.14     | Peak     | -27            | Pass    |
| NVNT      | n20  | 5825            | Ant0    | 5925            | -58.89      | 2          | -56.89     | Average  | -27            | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 5650            | -49.54      | 2          | -47.54     | Peak     | -27            | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 5650            | -58.36      | 2          | -56.36     | Average  | -27            | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 5700            | -44.53      | 2          | -42.53     | Peak     | 10             | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 5700            | -56.53      | 2          | -54.53     | Average  | 10             | Pass    |
| NVNT      | n40  | 5755            | Ant0    | 5720            | -33.28      | 2          | -31.28     | Peak     | 15.6           | Pass    |



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|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant0 | 5720 | -47.89 | 2 | -45.89 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant0 | 5725 | -35.02 | 2 | -33.02 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant0 | 5725 | -45.6  | 2 | -43.6  | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant0 | 5850 | -46.18 | 2 | -44.18 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant0 | 5850 | -57.45 | 2 | -55.45 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant0 | 5855 | -48.16 | 2 | -46.16 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant0 | 5855 | -58.07 | 2 | -56.07 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant0 | 5875 | -50.23 | 2 | -48.23 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant0 | 5875 | -58.67 | 2 | -56.67 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant0 | 5925 | -48.58 | 2 | -46.58 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant0 | 5925 | -58.57 | 2 | -56.57 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5650 | -49.83 | 2 | -47.83 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5650 | -59.21 | 2 | -57.21 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5700 | -48.12 | 2 | -46.12 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5700 | -58.89 | 2 | -56.89 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5720 | -41.07 | 2 | -39.07 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5720 | -53.4  | 2 | -51.4  | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5725 | -31.89 | 2 | -29.89 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant0 | 5725 | -46.81 | 2 | -44.81 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5850 | -40.23 | 2 | -38.23 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5850 | -55.18 | 2 | -53.18 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5855 | -47.24 | 2 | -45.24 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5855 | -57.21 | 2 | -55.21 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5875 | -50.08 | 2 | -48.08 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5875 | -59.05 | 2 | -57.05 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5925 | -47.83 | 2 | -45.83 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant0 | 5925 | -58.92 | 2 | -56.92 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5650 | -49.82 | 2 | -47.82 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5650 | -58.83 | 2 | -56.83 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5700 | -43.82 | 2 | -41.82 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5700 | -56.59 | 2 | -54.59 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5720 | -37.91 | 2 | -35.91 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5720 | -48.47 | 2 | -46.47 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5725 | -35.2  | 2 | -33.2  | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant0 | 5725 | -45.68 | 2 | -43.68 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5850 | -48.45 | 2 | -46.45 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5850 | -57.49 | 2 | -55.49 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5855 | -50.04 | 2 | -48.04 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5855 | -57.99 | 2 | -55.99 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5875 | -49.37 | 2 | -47.37 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5875 | -58.66 | 2 | -56.66 | Average | 10   | Pass |



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|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant0 | 5925 | -49.02 | 2 | -47.02 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant0 | 5925 | -58.64 | 2 | -56.64 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5650 | -49.72 | 2 | -47.72 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5650 | -58.09 | 2 | -56.09 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5700 | -45.97 | 2 | -43.97 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5700 | -53.46 | 2 | -51.46 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5720 | -39.33 | 2 | -37.33 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5720 | -49.45 | 2 | -47.45 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5725 | -39.98 | 2 | -37.98 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5725 | -48.05 | 2 | -46.05 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5850 | -45.41 | 2 | -43.41 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5850 | -53.98 | 2 | -51.98 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5855 | -44.76 | 2 | -42.76 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5855 | -55.37 | 2 | -53.37 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5875 | -49.04 | 2 | -47.04 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5875 | -57.51 | 2 | -55.51 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5925 | -49.74 | 2 | -47.74 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant0 | 5925 | -58.19 | 2 | -56.19 | Average | -27  | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -48.83      | 2          | -46.83     | Peak     | -27            | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -59.27      | 2          | -57.27     | Average  | -27            | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -50.42      | 2          | -48.42     | Peak     | 10             | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -58.48      | 2          | -56.48     | Average  | 10             | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -46.42      | 2          | -44.42     | Peak     | 15.6           | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -56.84      | 2          | -54.84     | Average  | 15.6           | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -40.22      | 2          | -38.22     | Peak     | 27             | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -51.65      | 2          | -49.65     | Average  | 27             | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -48.94      | 2          | -46.94     | Peak     | 27             | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -58.6       | 2          | -56.6      | Average  | 27             | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -48.79      | 2          | -46.79     | Peak     | 15.6           | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -58.97      | 2          | -56.97     | Average  | 15.6           | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -49.79      | 2          | -47.79     | Peak     | 10             | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -59.26      | 2          | -57.26     | Average  | 10             | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -50.34      | 2          | -48.34     | Peak     | -27            | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -59.2       | 2          | -57.2      | Average  | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -49.3       | 2          | -47.3      | Peak     | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -59.15      | 2          | -57.15     | Average  | -27            | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -49.2       | 2          | -47.2      | Peak     | 10             | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -58.5       | 2          | -56.5      | Average  | 10             | Pass    |



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|      |      |      |      |      |        |   |        |         |      |      |
|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | n20  | 5745 | Ant1 | 5720 | -44.25 | 2 | -42.25 | Peak    | 15.6 | Pass |
| NVNT | n20  | 5745 | Ant1 | 5720 | -55.67 | 2 | -53.67 | Average | 15.6 | Pass |
| NVNT | n20  | 5745 | Ant1 | 5725 | -37.99 | 2 | -35.99 | Peak    | 27   | Pass |
| NVNT | n20  | 5745 | Ant1 | 5725 | -50.1  | 2 | -48.1  | Average | 27   | Pass |
| NVNT | n20  | 5825 | Ant1 | 5850 | -49.09 | 2 | -47.09 | Peak    | 27   | Pass |
| NVNT | n20  | 5825 | Ant1 | 5850 | -58.17 | 2 | -56.17 | Average | 27   | Pass |
| NVNT | n20  | 5825 | Ant1 | 5855 | -49.38 | 2 | -47.38 | Peak    | 15.6 | Pass |
| NVNT | n20  | 5825 | Ant1 | 5855 | -58.54 | 2 | -56.54 | Average | 15.6 | Pass |
| NVNT | n20  | 5825 | Ant1 | 5875 | -49.06 | 2 | -47.06 | Peak    | 10   | Pass |
| NVNT | n20  | 5825 | Ant1 | 5875 | -59.21 | 2 | -57.21 | Average | 10   | Pass |
| NVNT | n20  | 5825 | Ant1 | 5925 | -49.96 | 2 | -47.96 | Peak    | -27  | Pass |
| NVNT | n20  | 5825 | Ant1 | 5925 | -59.1  | 2 | -57.1  | Average | -27  | Pass |
| NVNT | n40  | 5755 | Ant1 | 5650 | -49.94 | 2 | -47.94 | Peak    | -27  | Pass |
| NVNT | n40  | 5755 | Ant1 | 5650 | -58.37 | 2 | -56.37 | Average | -27  | Pass |
| NVNT | n40  | 5755 | Ant1 | 5700 | -47.75 | 2 | -45.75 | Peak    | 10   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5700 | -57.21 | 2 | -55.21 | Average | 10   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5720 | -40.37 | 2 | -38.37 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5720 | -50.51 | 2 | -48.51 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -38.21 | 2 | -36.21 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -48.02 | 2 | -46.02 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -48.85 | 2 | -46.85 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -56.98 | 2 | -54.98 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -49.08 | 2 | -47.08 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -57.3  | 2 | -55.3  | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -46.93 | 2 | -44.93 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -55.49 | 2 | -53.49 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -49.42 | 2 | -47.42 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -58.16 | 2 | -56.16 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -49.82 | 2 | -47.82 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -59.21 | 2 | -57.21 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -48.54 | 2 | -46.54 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -58.43 | 2 | -56.43 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -46.52 | 2 | -44.52 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -56.3  | 2 | -54.3  | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -35.39 | 2 | -33.39 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -51    | 2 | -49    | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -44.52 | 2 | -42.52 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -57.33 | 2 | -55.33 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -49.52 | 2 | -47.52 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -57.96 | 2 | -55.96 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -48.36 | 2 | -46.36 | Peak    | 10   | Pass |



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|      |      |      |      |      |        |   |        |         |      |      |
|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | ac20 | 5825 | Ant1 | 5875 | -58.53 | 2 | -56.53 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -48.17 | 2 | -46.17 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -58.62 | 2 | -56.62 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -49.84 | 2 | -47.84 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -58.48 | 2 | -56.48 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -48.35 | 2 | -46.35 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -57.17 | 2 | -55.17 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -42.58 | 2 | -40.58 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -50.84 | 2 | -48.84 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -40.02 | 2 | -38.02 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -47.91 | 2 | -45.91 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -47.02 | 2 | -45.02 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -57.18 | 2 | -55.18 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -48.36 | 2 | -46.36 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -57.55 | 2 | -55.55 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -46.36 | 2 | -44.36 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -55.31 | 2 | -53.31 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -48.91 | 2 | -46.91 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -58.04 | 2 | -56.04 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -48.67 | 2 | -46.67 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -57.41 | 2 | -55.41 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -46.79 | 2 | -44.79 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -55.29 | 2 | -53.29 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -42.47 | 2 | -40.47 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -51.72 | 2 | -49.72 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -41.54 | 2 | -39.54 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -50.17 | 2 | -48.17 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -45.17 | 2 | -43.17 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -53.4  | 2 | -51.4  | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -44.28 | 2 | -42.28 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -53.86 | 2 | -51.86 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -47.14 | 2 | -45.14 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -56.06 | 2 | -54.06 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -47.97 | 2 | -45.97 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -56.97 | 2 | -54.97 | Average | -27  | Pass |



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## MIMO

| Condition | Mode | Frequency<br>(MHz) | Spur<br>Freq<br>(MHz) | Power (dBm) |        |           | Detector | Limit<br>(dBuV/m) | Verdict |
|-----------|------|--------------------|-----------------------|-------------|--------|-----------|----------|-------------------|---------|
|           |      |                    |                       | ANT0        | ANT1   | ANT0+ANT1 |          |                   |         |
| NVNT      | n20  | 5745               | 5650                  | -49.88      | -49.3  | -46.57    | Peak     | -27               | Pass    |
| NVNT      | n20  | 5745               | 5650                  | -59.26      | -59.15 | -56.19    | Average  | -27               | Pass    |
| NVNT      | n20  | 5745               | 5700                  | -49.15      | -49.2  | -46.16    | Peak     | 10                | Pass    |
| NVNT      | n20  | 5745               | 5700                  | -59.02      | -58.5  | -55.74    | Average  | 10                | Pass    |
| NVNT      | n20  | 5745               | 5720                  | -41.84      | -44.25 | -39.87    | Peak     | 15.6              | Pass    |
| NVNT      | n20  | 5745               | 5720                  | -53.79      | -55.67 | -51.62    | Average  | 15.6              | Pass    |
| NVNT      | n20  | 5745               | 5725                  | -35.32      | -37.99 | -33.44    | Peak     | 27                | Pass    |
| NVNT      | n20  | 5745               | 5725                  | -47.5       | -50.1  | -45.60    | Average  | 27                | Pass    |
| NVNT      | n20  | 5825               | 5850                  | -43.77      | -49.09 | -42.65    | Peak     | 27                | Pass    |
| NVNT      | n20  | 5825               | 5850                  | -55.29      | -58.17 | -53.49    | Average  | 27                | Pass    |
| NVNT      | n20  | 5825               | 5855                  | -48.2       | -49.38 | -45.74    | Peak     | 15.6              | Pass    |
| NVNT      | n20  | 5825               | 5855                  | -57.17      | -58.54 | -54.79    | Average  | 15.6              | Pass    |
| NVNT      | n20  | 5825               | 5875                  | -49.96      | -49.06 | -46.48    | Peak     | 10                | Pass    |
| NVNT      | n20  | 5825               | 5875                  | -59.11      | -59.21 | -56.15    | Average  | 10                | Pass    |
| NVNT      | n20  | 5825               | 5925                  | -49.14      | -49.96 | -46.52    | Peak     | -27               | Pass    |
| NVNT      | n20  | 5825               | 5925                  | -58.89      | -59.1  | -55.98    | Average  | -27               | Pass    |
| NVNT      | n40  | 5755               | 5650                  | -49.54      | -49.94 | -46.73    | Peak     | -27               | Pass    |
| NVNT      | n40  | 5755               | 5650                  | -58.36      | -58.37 | -55.35    | Average  | -27               | Pass    |
| NVNT      | n40  | 5755               | 5700                  | -44.53      | -47.75 | -42.84    | Peak     | 10                | Pass    |
| NVNT      | n40  | 5755               | 5700                  | -56.53      | -57.21 | -53.85    | Average  | 10                | Pass    |
| NVNT      | n40  | 5755               | 5720                  | -33.28      | -40.37 | -32.50    | Peak     | 15.6              | Pass    |
| NVNT      | n40  | 5755               | 5720                  | -47.89      | -50.51 | -46.00    | Average  | 15.6              | Pass    |
| NVNT      | n40  | 5755               | 5725                  | -35.02      | -38.21 | -33.32    | Peak     | 27                | Pass    |
| NVNT      | n40  | 5755               | 5725                  | -45.6       | -48.02 | -43.63    | Average  | 27                | Pass    |
| NVNT      | n40  | 5795               | 5850                  | -46.18      | -48.85 | -44.30    | Peak     | 27                | Pass    |
| NVNT      | n40  | 5795               | 5850                  | -57.45      | -56.98 | -54.20    | Average  | 27                | Pass    |
| NVNT      | n40  | 5795               | 5855                  | -48.16      | -49.08 | -45.59    | Peak     | 15.6              | Pass    |
| NVNT      | n40  | 5795               | 5855                  | -58.07      | -57.3  | -54.66    | Average  | 15.6              | Pass    |
| NVNT      | n40  | 5795               | 5875                  | -50.23      | -46.93 | -45.26    | Peak     | 10                | Pass    |
| NVNT      | n40  | 5795               | 5875                  | -58.67      | -55.49 | -53.78    | Average  | 10                | Pass    |
| NVNT      | n40  | 5795               | 5925                  | -48.58      | -49.42 | -45.97    | Peak     | -27               | Pass    |
| NVNT      | n40  | 5795               | 5925                  | -58.57      | -58.16 | -55.35    | Average  | -27               | Pass    |
| NVNT      | ac20 | 5745               | 5650                  | -49.83      | -49.82 | -46.81    | Peak     | -27               | Pass    |
| NVNT      | ac20 | 5745               | 5650                  | -59.21      | -59.21 | -56.20    | Average  | -27               | Pass    |
| NVNT      | ac20 | 5745               | 5700                  | -48.12      | -48.54 | -45.31    | Peak     | 10                | Pass    |
| NVNT      | ac20 | 5745               | 5700                  | -58.89      | -58.43 | -55.64    | Average  | 10                | Pass    |



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|      |      |      |      |        |        |        |         |      |      |
|------|------|------|------|--------|--------|--------|---------|------|------|
| NVNT | ac20 | 5745 | 5720 | -41.07 | -46.52 | -39.98 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | 5720 | -53.4  | -56.3  | -51.60 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | 5725 | -31.89 | -35.39 | -30.29 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | 5725 | -46.81 | -51    | -45.41 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | 5850 | -40.23 | -44.52 | -38.86 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | 5850 | -55.18 | -57.33 | -53.11 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | 5855 | -47.24 | -49.52 | -45.22 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | 5855 | -57.21 | -57.96 | -54.56 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | 5875 | -50.08 | -48.36 | -46.13 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | 5875 | -59.05 | -58.53 | -55.77 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | 5925 | -47.83 | -48.17 | -44.99 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | 5925 | -58.92 | -58.62 | -55.76 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | 5650 | -49.82 | -49.84 | -46.82 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | 5650 | -58.83 | -58.48 | -55.64 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | 5700 | -43.82 | -48.35 | -42.51 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | 5700 | -56.59 | -57.17 | -53.86 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | 5720 | -37.91 | -42.58 | -36.64 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | 5720 | -48.47 | -50.84 | -46.48 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | 5725 | -35.2  | -40.02 | -33.96 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | 5725 | -45.68 | -47.91 | -43.64 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | 5850 | -48.45 | -47.02 | -44.67 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | 5850 | -57.49 | -57.18 | -54.32 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | 5855 | -50.04 | -48.36 | -46.11 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | 5855 | -57.99 | -57.55 | -54.75 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | 5875 | -49.37 | -46.36 | -44.60 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | 5875 | -58.66 | -55.31 | -53.66 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | 5925 | -49.02 | -48.91 | -45.95 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | 5925 | -58.64 | -58.04 | -55.32 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | 5650 | -49.72 | -48.67 | -46.15 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | 5650 | -58.09 | -57.41 | -54.73 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | 5700 | -45.97 | -46.79 | -43.35 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | 5700 | -53.46 | -55.29 | -51.27 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | 5720 | -39.33 | -42.47 | -37.61 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | 5720 | -49.45 | -51.72 | -47.43 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | 5725 | -39.98 | -41.54 | -37.68 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | 5725 | -48.05 | -50.17 | -45.97 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | 5850 | -45.41 | -45.17 | -42.28 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | 5850 | -53.98 | -53.4  | -50.67 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | 5855 | -44.76 | -44.28 | -41.50 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | 5855 | -55.37 | -53.86 | -51.54 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | 5875 | -49.04 | -47.14 | -44.98 | Peak    | 10   | Pass |



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Scan code to check authenticity



|      |      |      |      |        |        |        |         |     |      |
|------|------|------|------|--------|--------|--------|---------|-----|------|
| NVNT | ac80 | 5775 | 5875 | -57.51 | -56.06 | -53.71 | Average | 10  | Pass |
| NVNT | ac80 | 5775 | 5925 | -49.74 | -47.97 | -45.76 | Peak    | -27 | Pass |
| NVNT | ac80 | 5775 | 5925 | -58.19 | -56.97 | -54.53 | Average | -27 | Pass |

Note: The Antenna Gain is compensated in the graph



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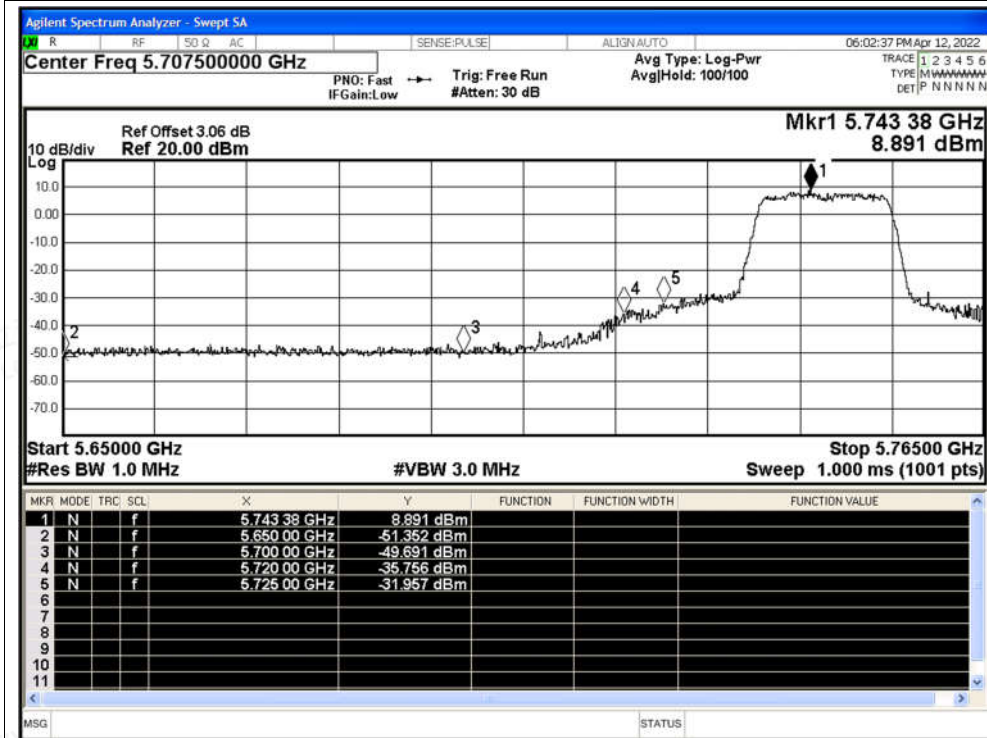
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

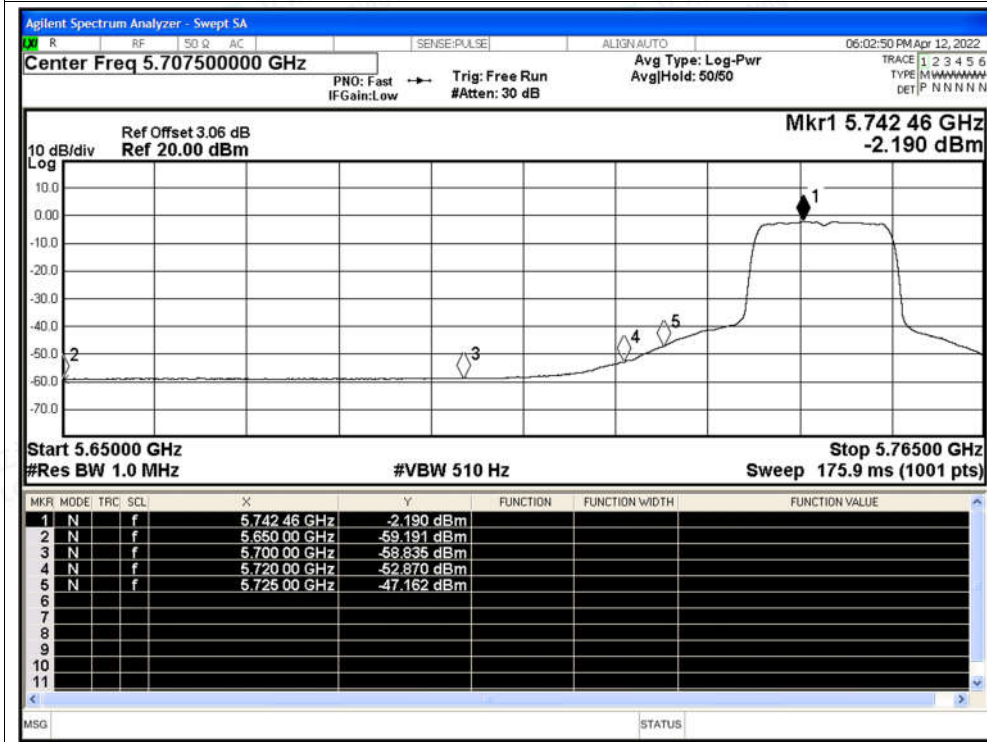


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant0 Peak

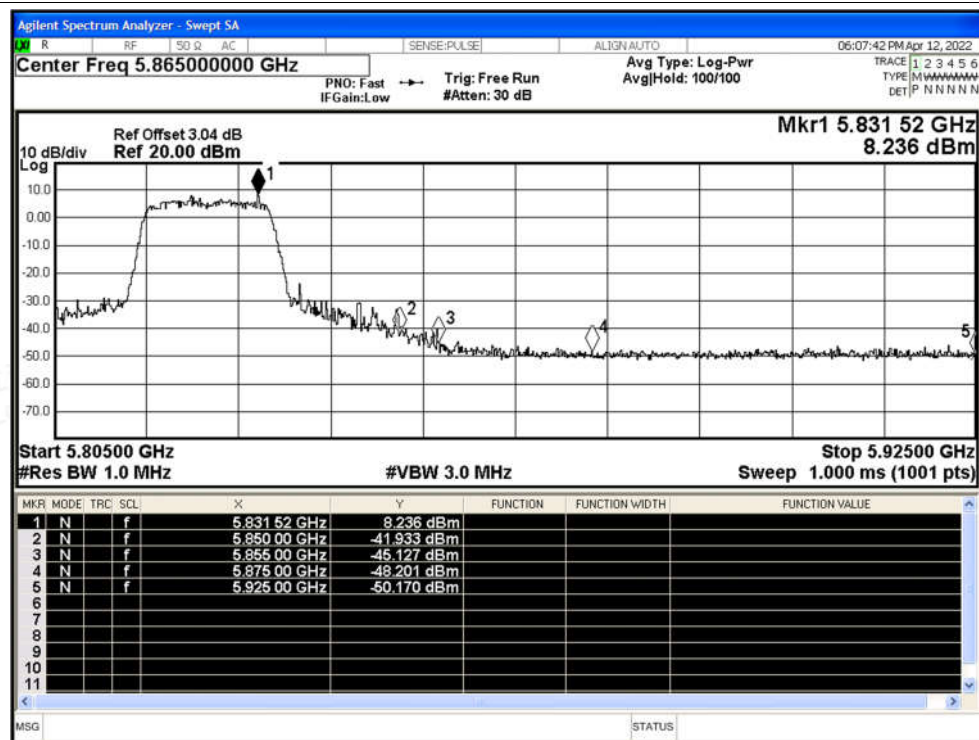


## Restrict Band NVNT a 5745MHz Ant0 Average

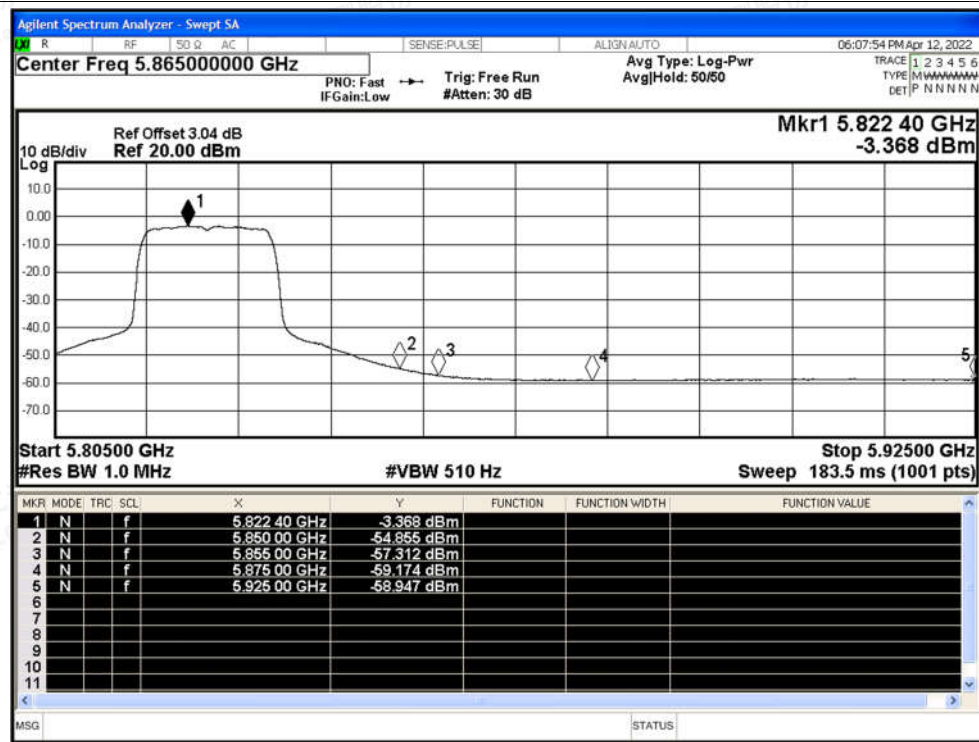




## Restrict Band NVNT a 5825MHz Ant0 Peak

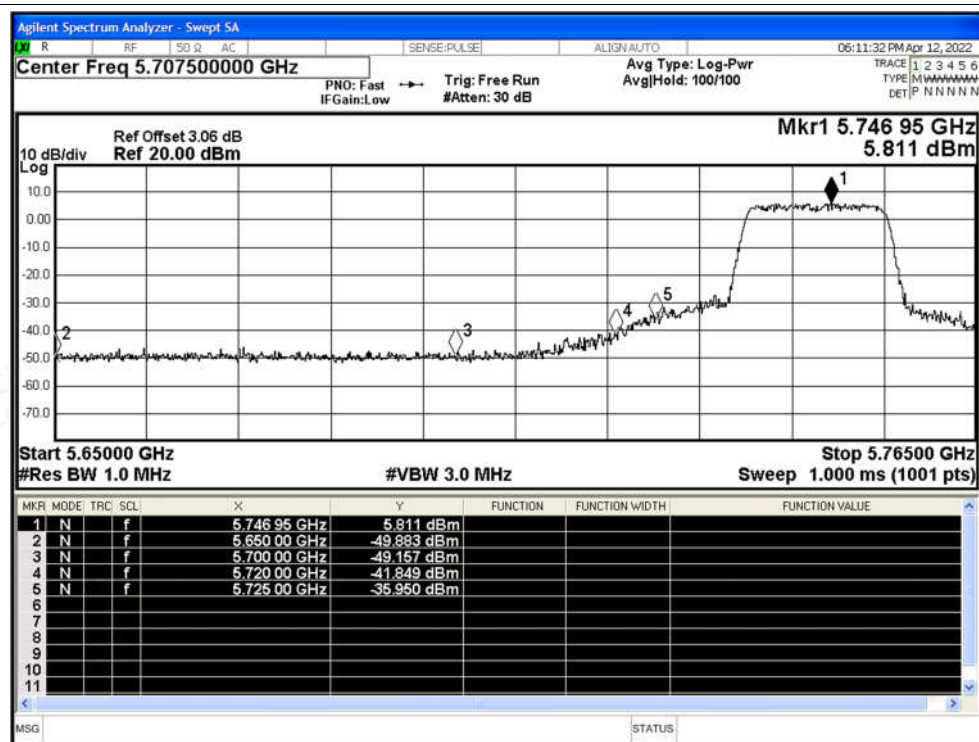


## Restrict Band NVNT a 5825MHz Ant0 Average

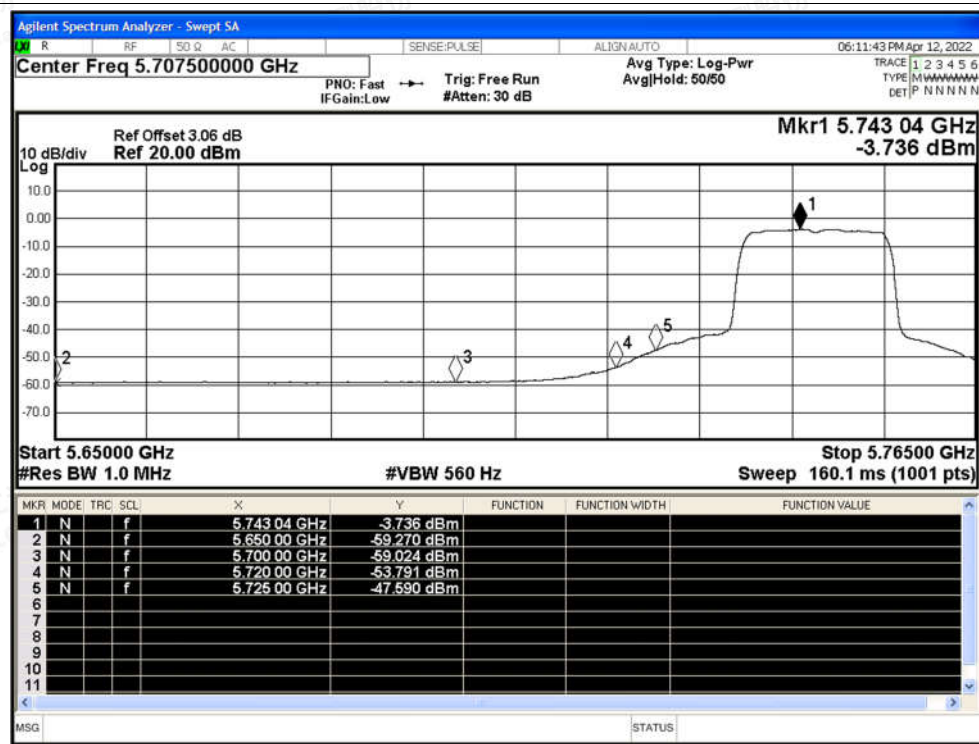




## Restrict Band NVNT n20 5745MHz Ant0 Peak

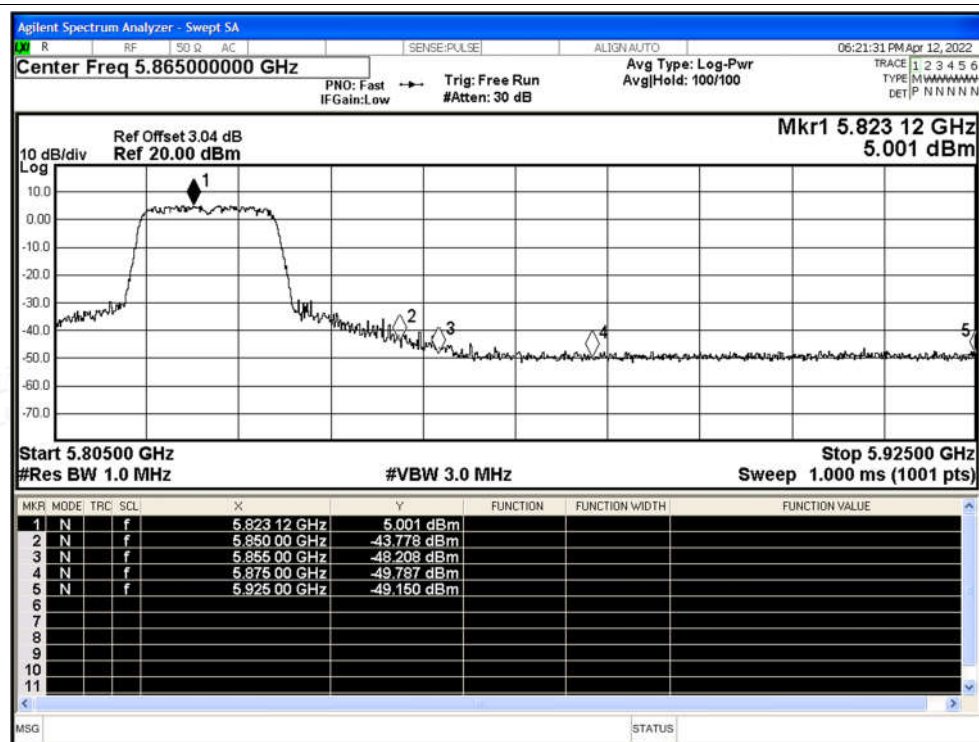


## Restrict Band NVNT n20 5745MHz Ant0 Average

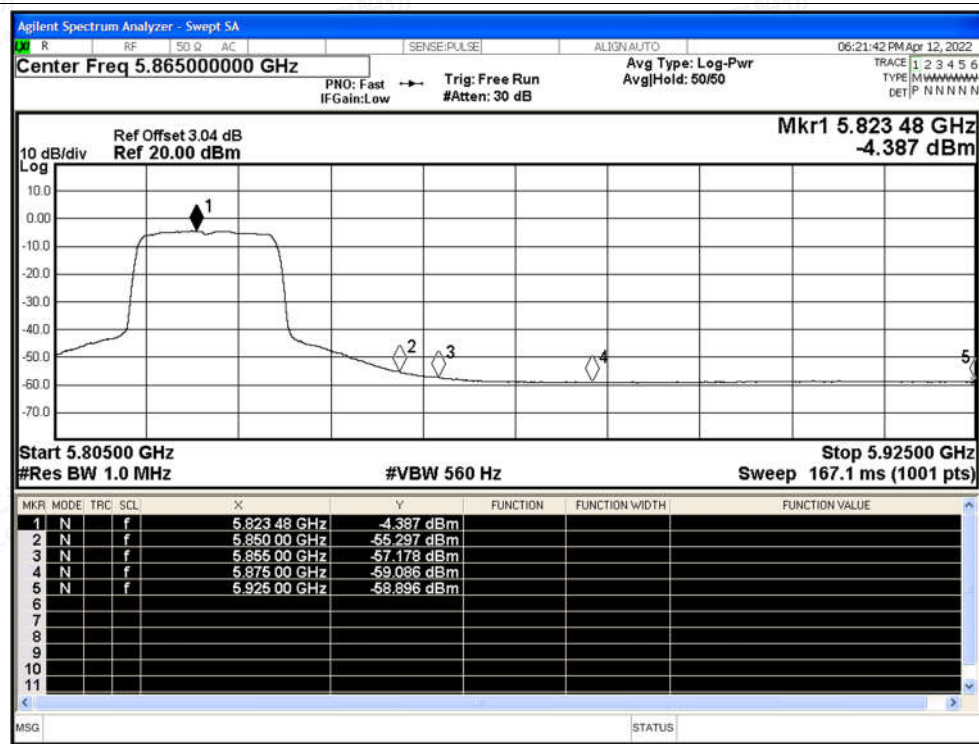




## Restrict Band NVNT n20 5825MHz Ant0 Peak

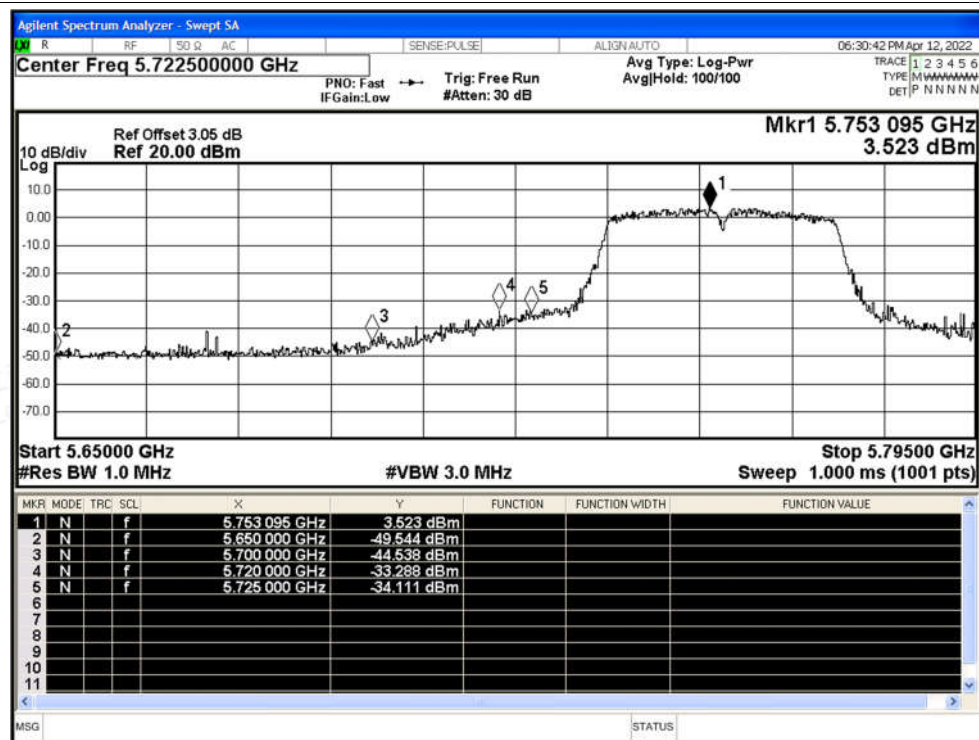


## Restrict Band NVNT n20 5825MHz Ant0 Average





## Restrict Band NVNT n40 5755MHz Ant0 Peak



## Restrict Band NVNT n40 5755MHz Ant0 Average

