



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: LAPTOP

Test Model: K160

Environmental Conditions

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





E.1 -6dB Bandwidth

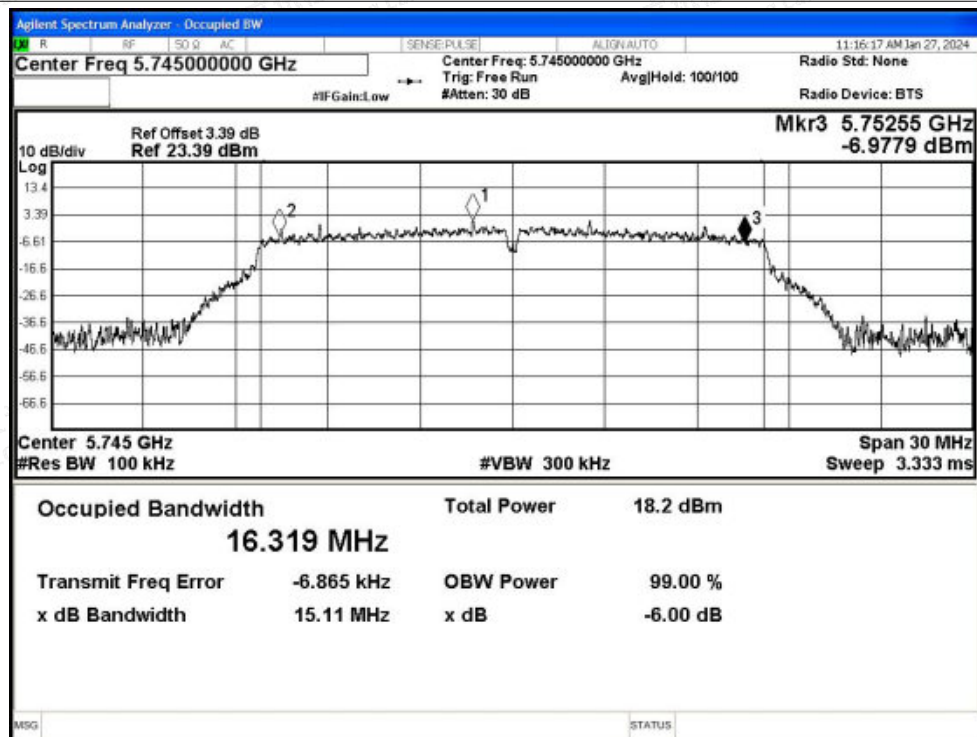
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 15.115                | >=0.5                       | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.389                | >=0.5                       | Pass    |
| NVNT      | a    | 5825            | Ant1    | 13.743                | >=0.5                       | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 14.469                | >=0.5                       | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 13.528                | >=0.5                       | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 15.089                | >=0.5                       | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.114                | >=0.5                       | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 33.788                | >=0.5                       | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 15.04                 | >=0.5                       | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 14.408                | >=0.5                       | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 15.698                | >=0.5                       | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 35.106                | >=0.5                       | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.065                | >=0.5                       | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.104                | >=0.5                       | Pass    |



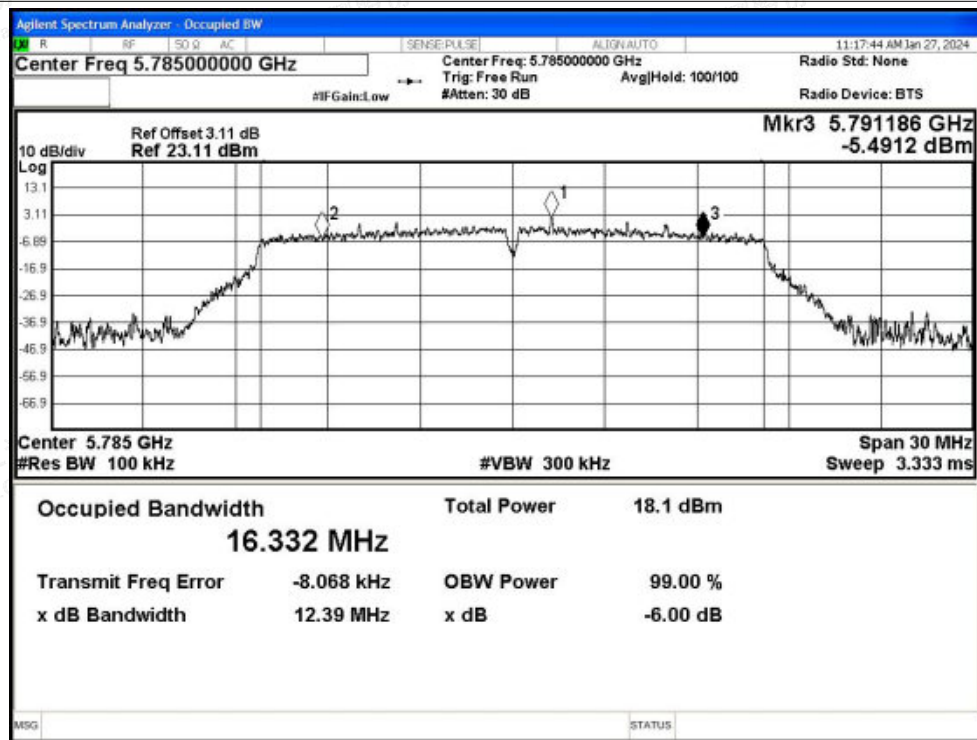


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

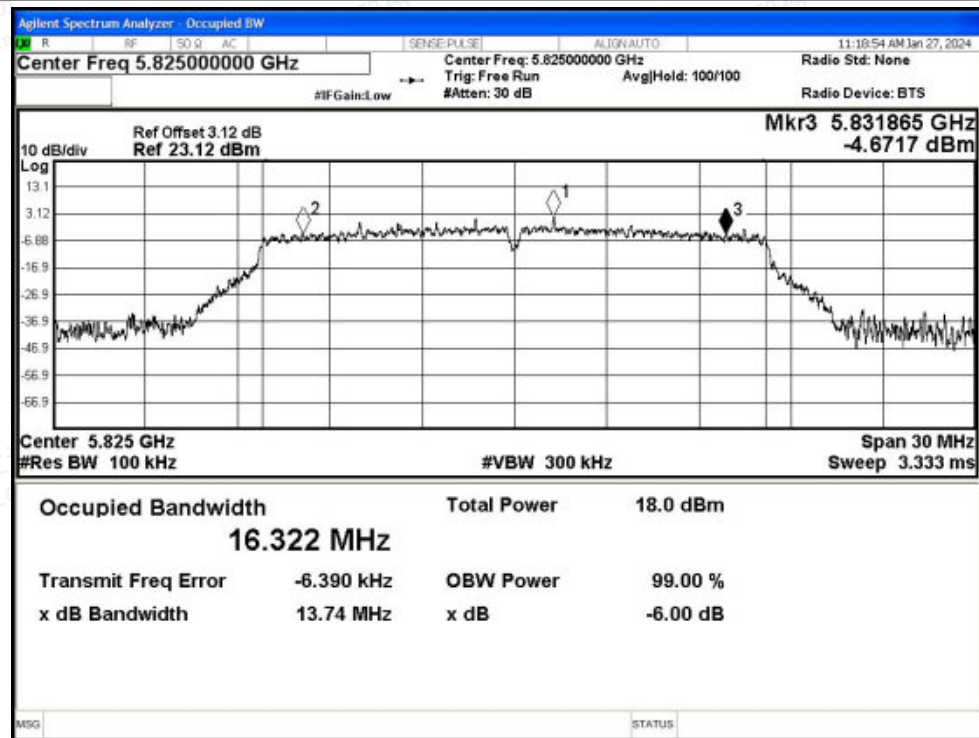
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

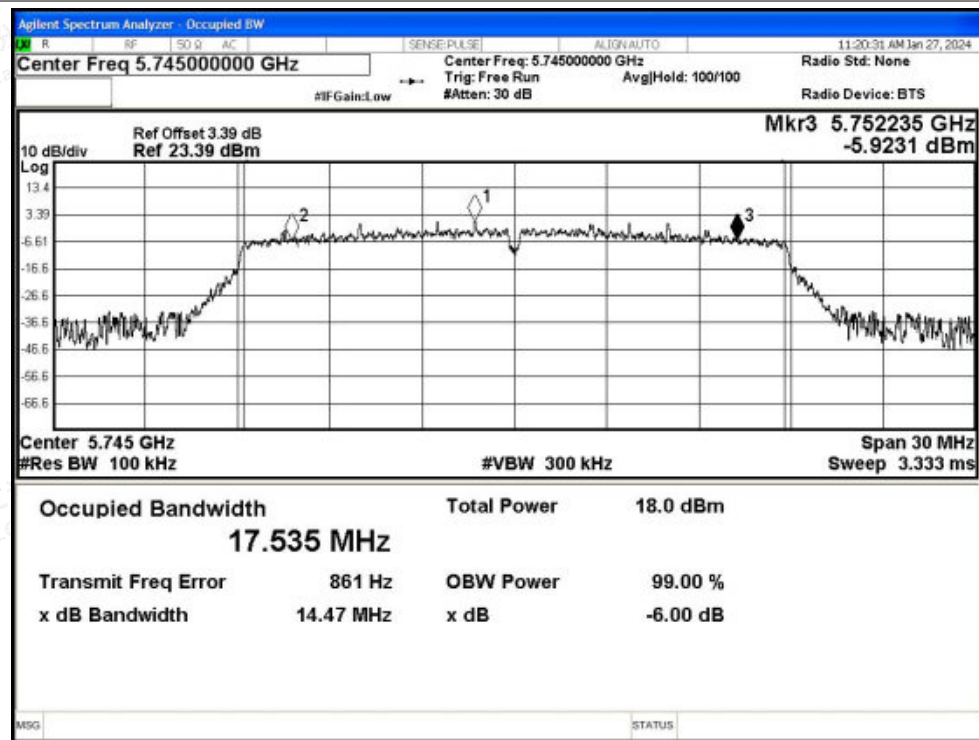
Scan code to check authenticity



## -6dB Bandwidth NVNT a 5825MHz Ant1



## -6dB Bandwidth NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

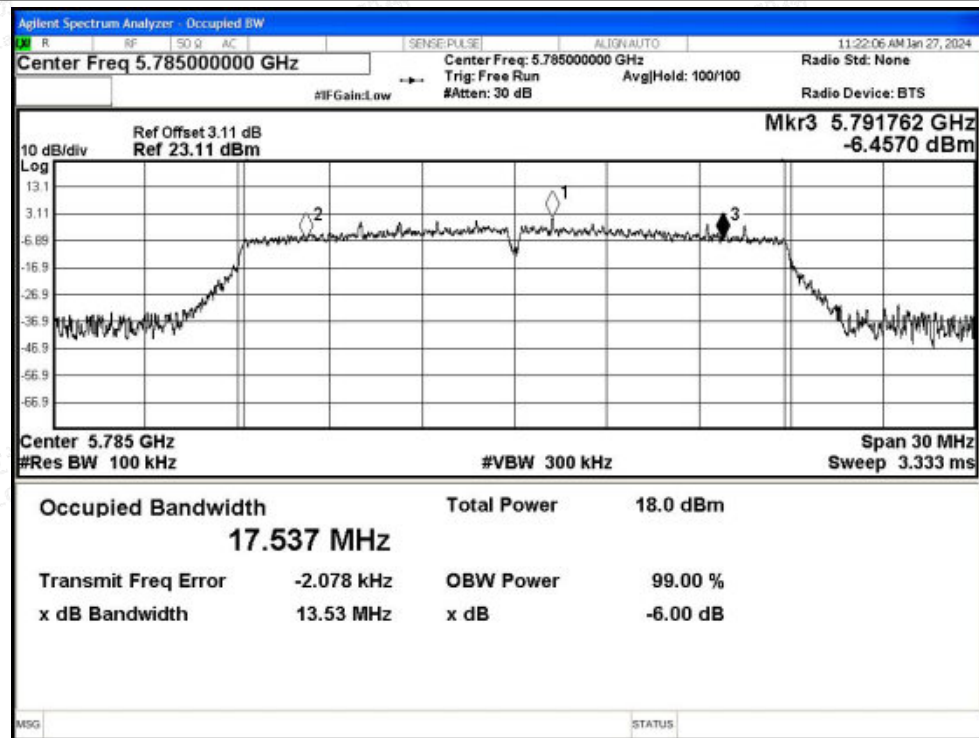
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

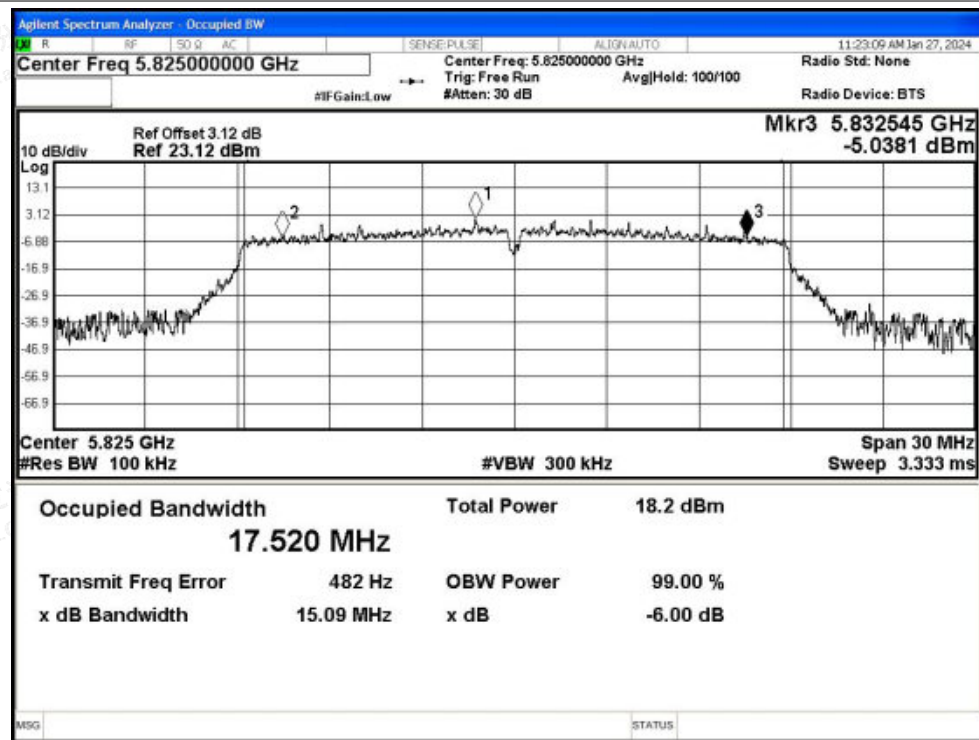
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 5785MHz Ant1



## -6dB Bandwidth NVNT n20 5825MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

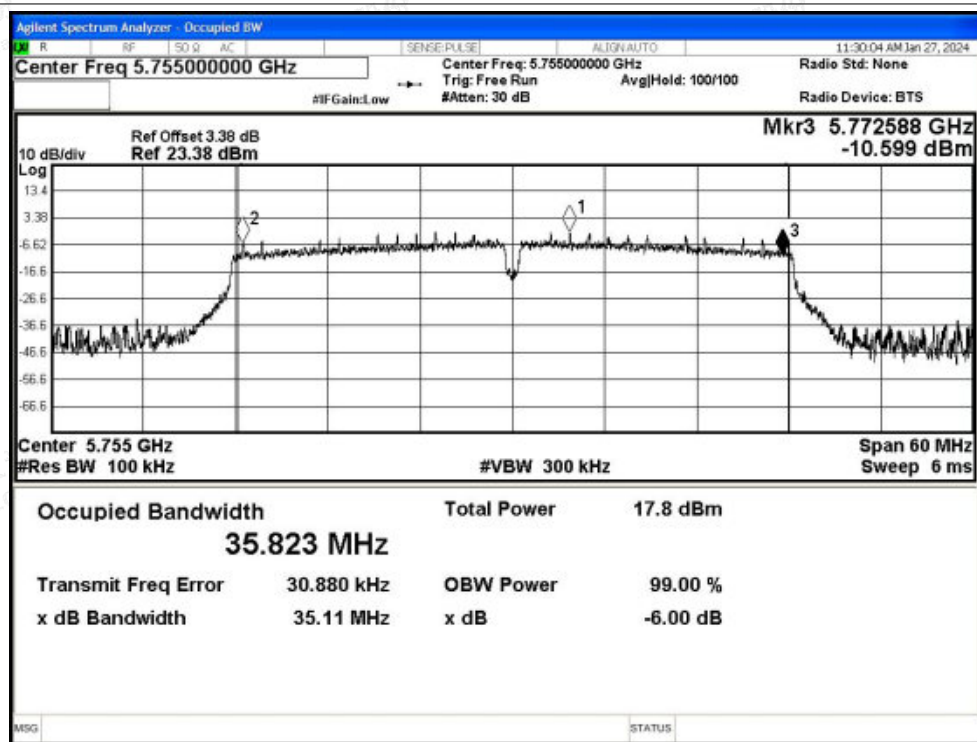
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

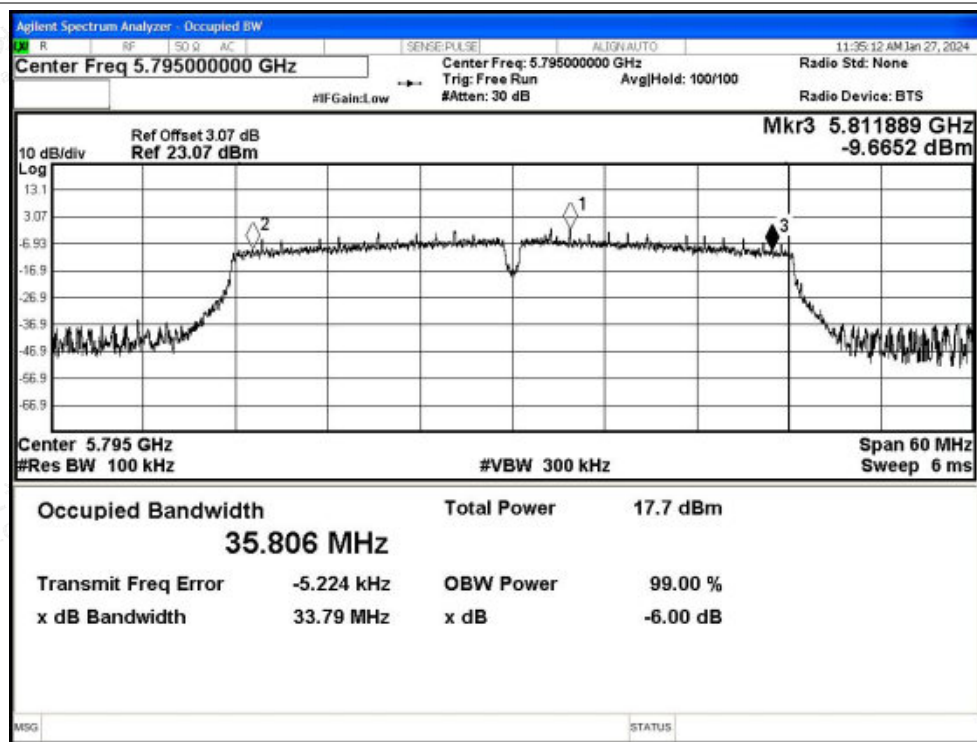
Scan code to check authenticity



## -6dB Bandwidth NVNT n40 5755MHz Ant1



## -6dB Bandwidth NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

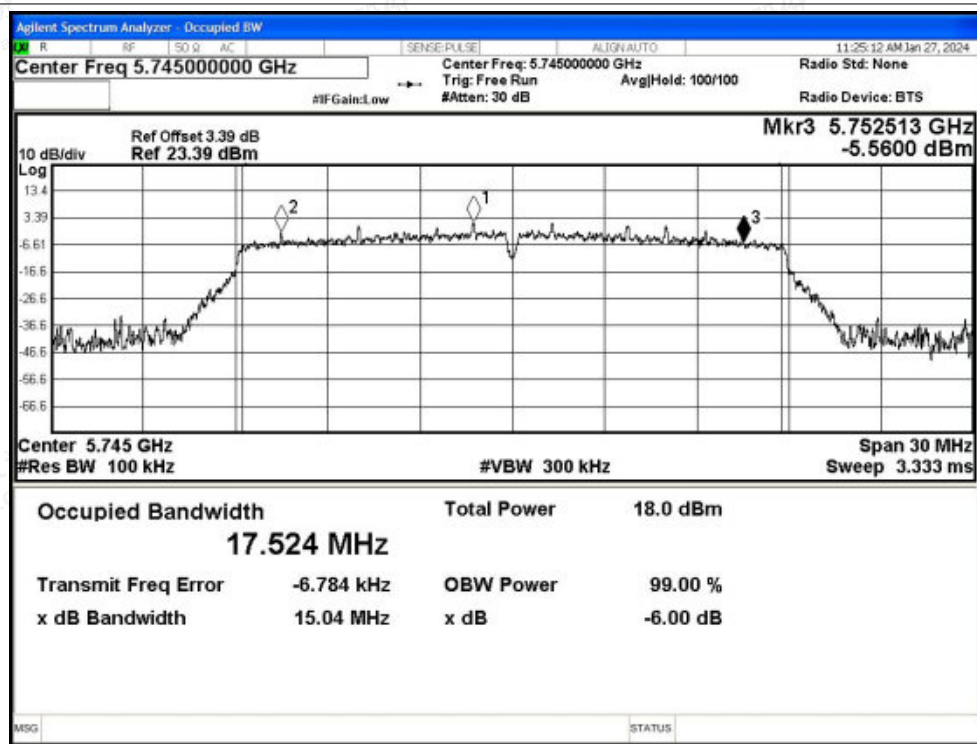
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

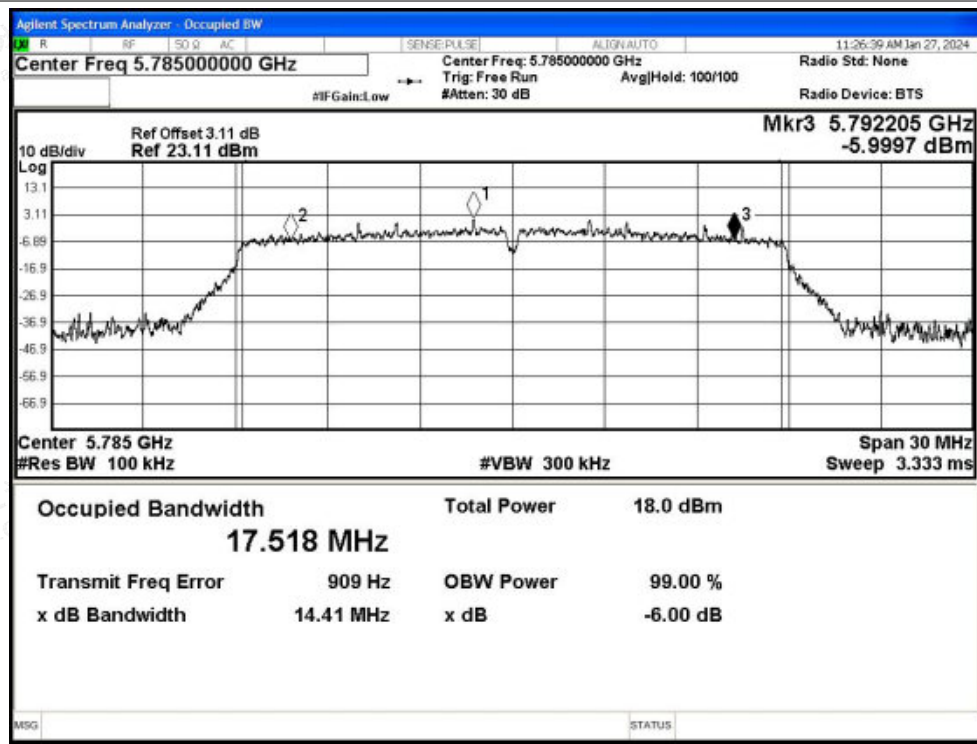
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5745MHz Ant1



## -6dB Bandwidth NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

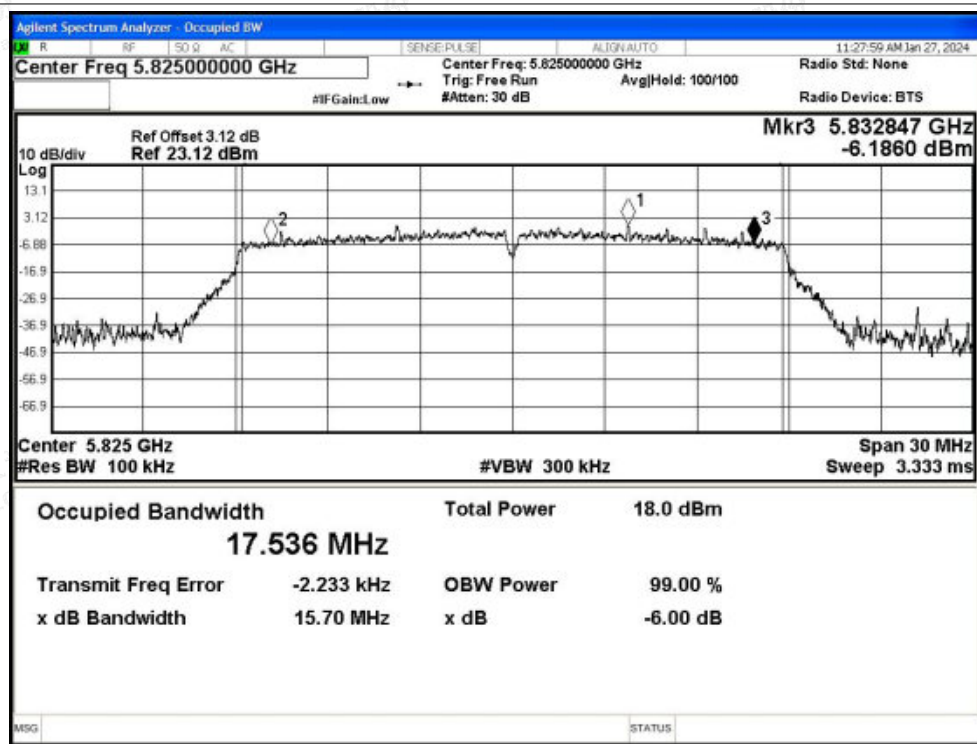
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

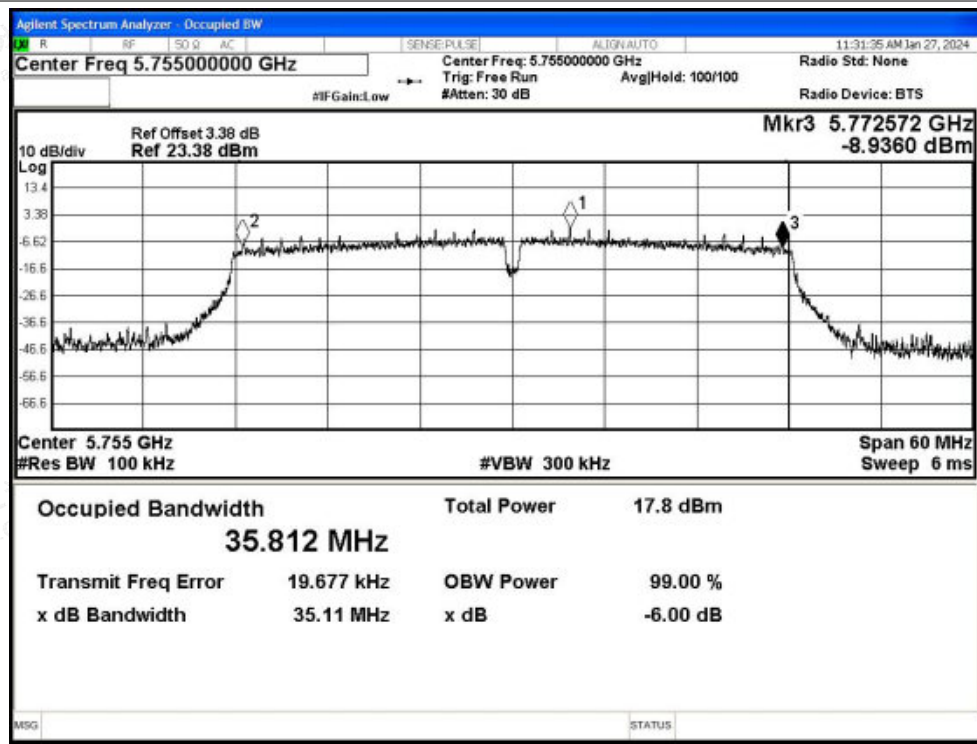
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5825MHz Ant1



## -6dB Bandwidth NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

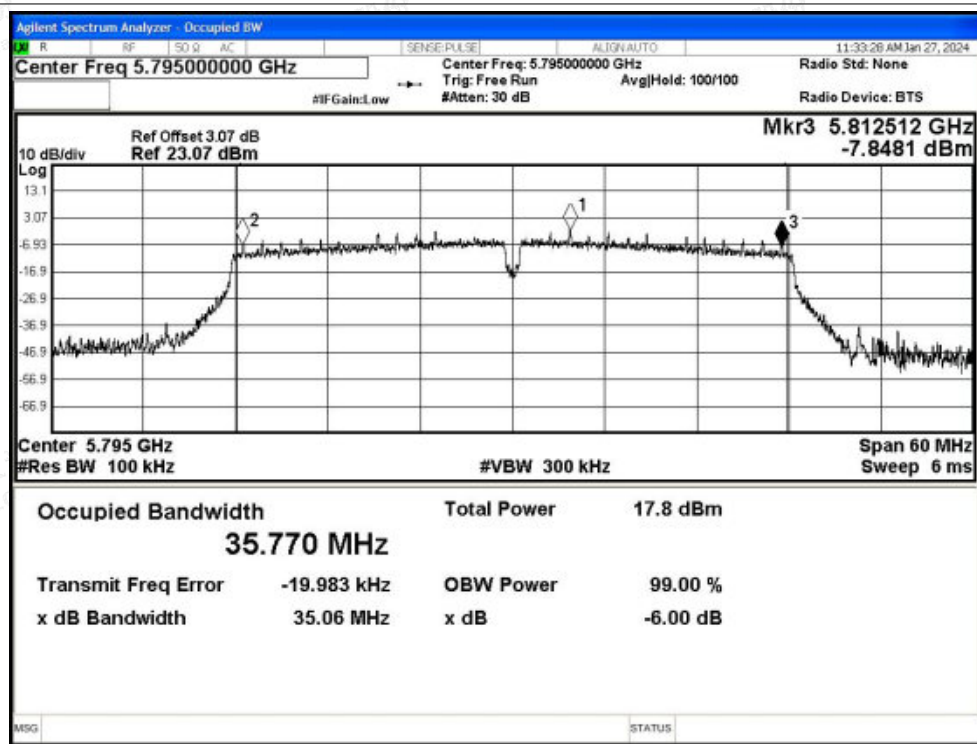
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

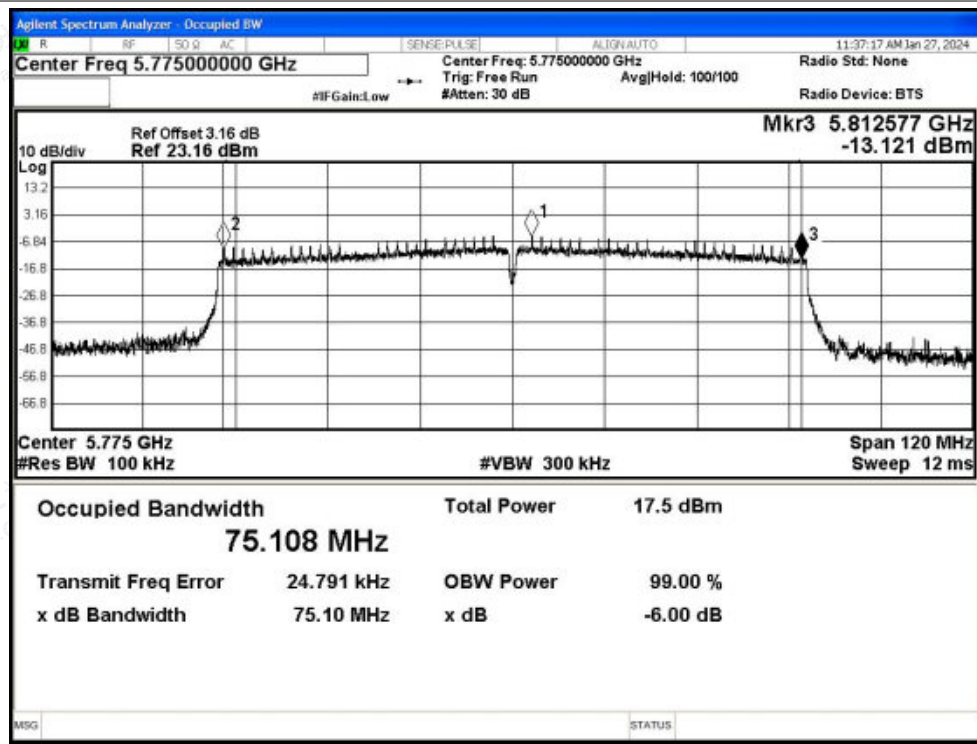
Scan code to check authenticity



## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz 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



## E.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            | Ant1    | 12.23                 | 0.13             | 12.36             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.31                 | 0.13             | 12.44             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 12.23                 | 0.13             | 12.36             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 12.1                  | 0.15             | 12.25             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 12.07                 | 0.15             | 12.22             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 12.11                 | 0.15             | 12.26             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 11.37                 | 0.29             | 11.66             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 11.34                 | 0.29             | 11.63             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 12.09                 | 0.14             | 12.23             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 12.13                 | 0.14             | 12.27             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 12.01                 | 0.14             | 12.15             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 11.4                  | 0.28             | 11.68             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 11.39                 | 0.28             | 11.67             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 10.31                 | 0.55             | 10.86             | 30          | Pass    |





### E.3 Maximum Power Spectral Density Level

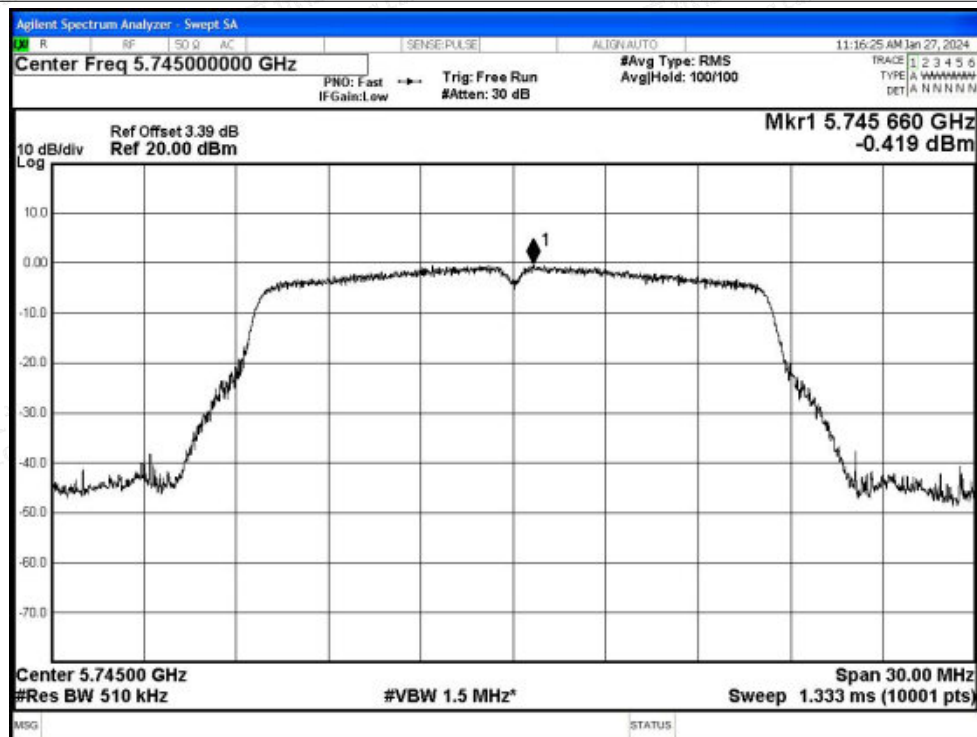
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -0.42               | 0.13             | -0.29           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.32               | 0.13             | -0.19           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -0.13               | 0.13             | 0               | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -0.64               | 0.15             | -0.49           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -0.84               | 0.15             | -0.69           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -0.61               | 0.15             | -0.46           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -4.37               | 0.29             | -4.08           | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -4.31               | 0.29             | -4.02           | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -0.64               | 0.14             | -0.5            | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -0.66               | 0.14             | -0.52           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -0.46               | 0.14             | -0.32           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -4.38               | 0.28             | -4.1            | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -4.07               | 0.28             | -3.79           | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -8.15               | 0.55             | -7.6            | 30          | Pass    |



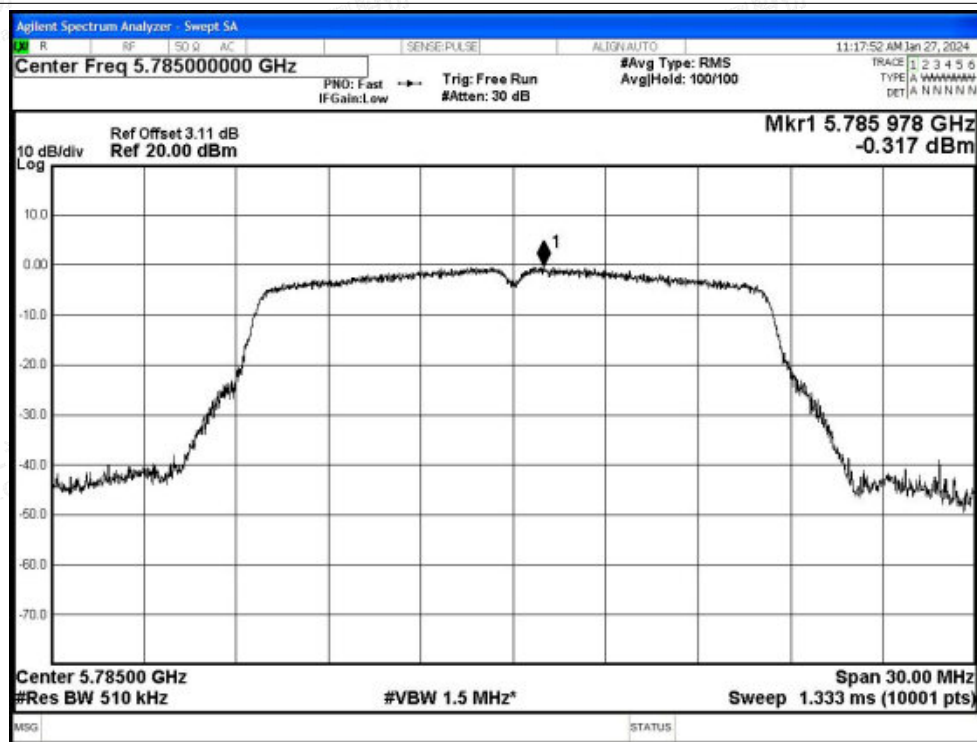


## Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

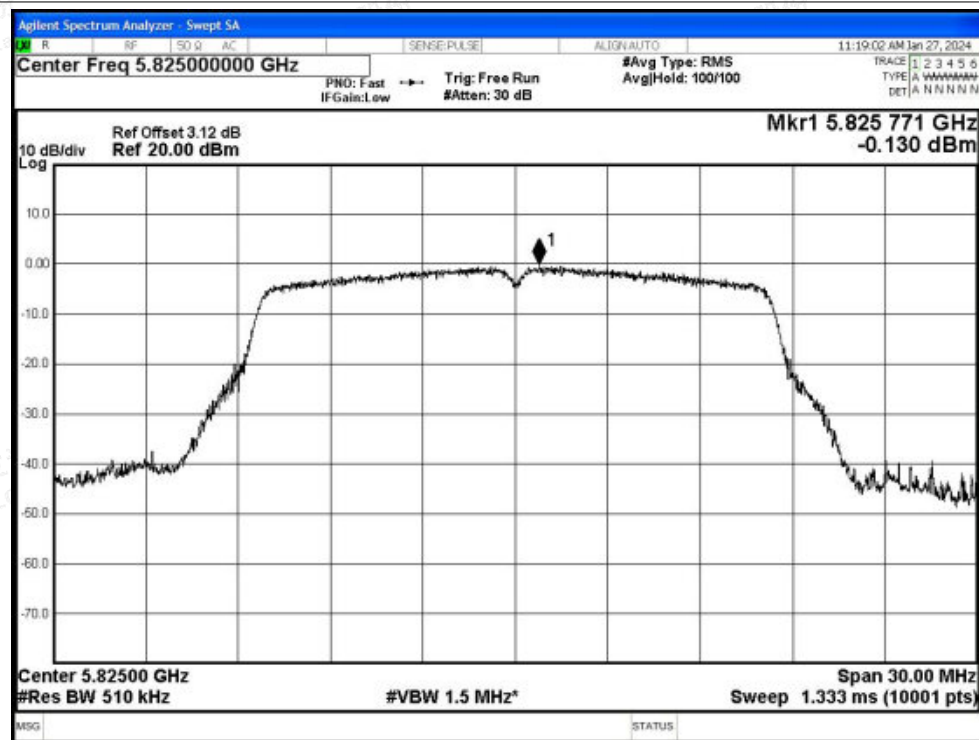
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

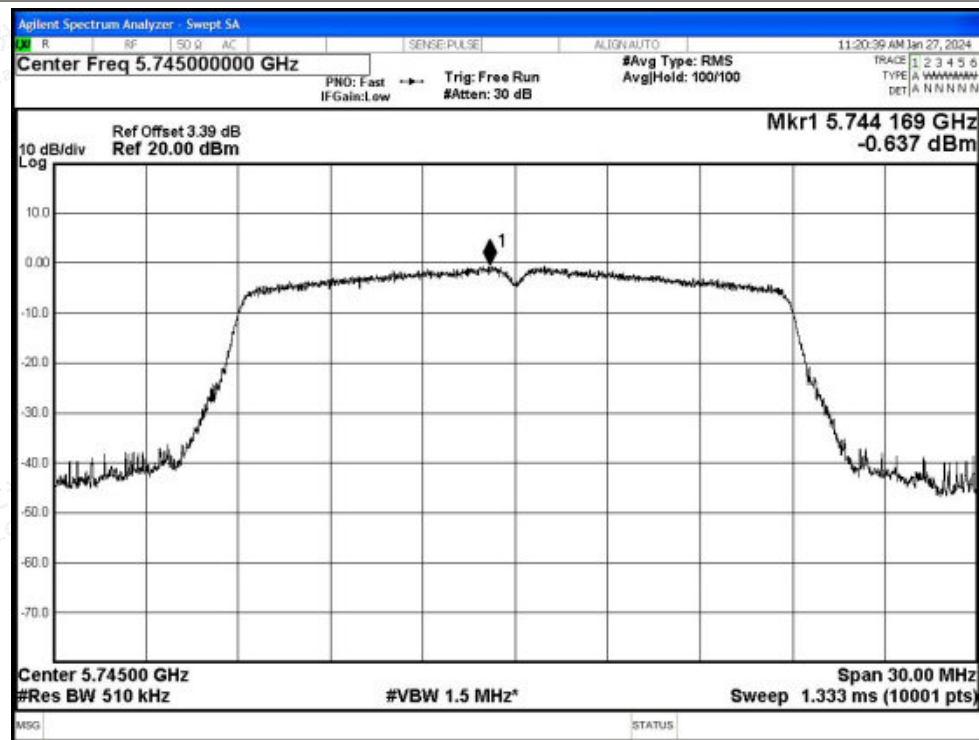
Scan code to check authenticity



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

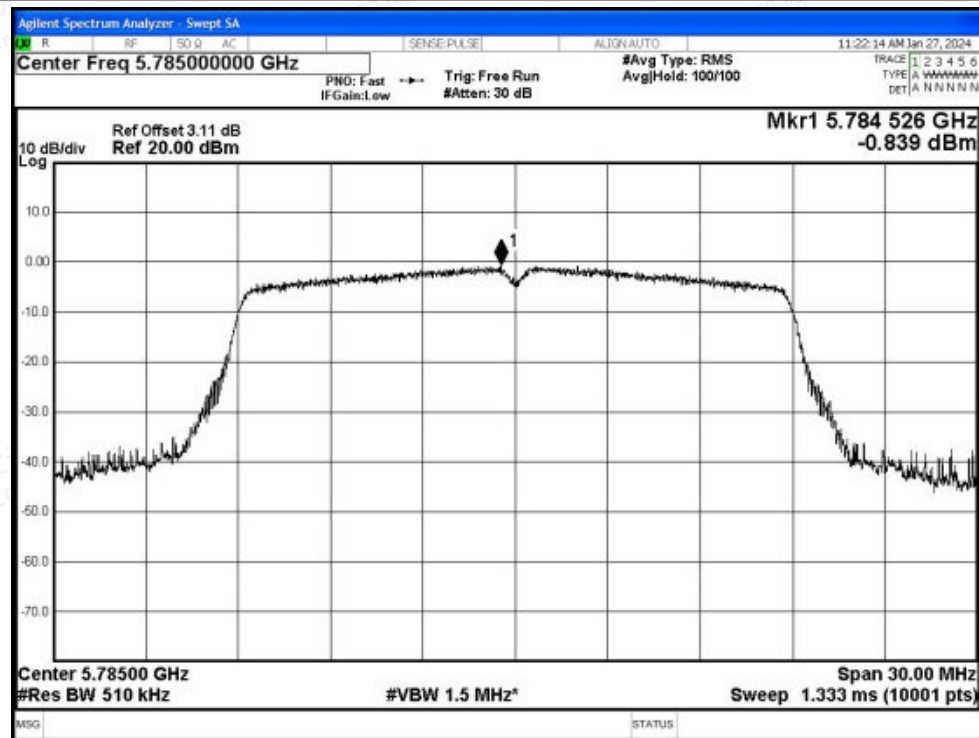
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

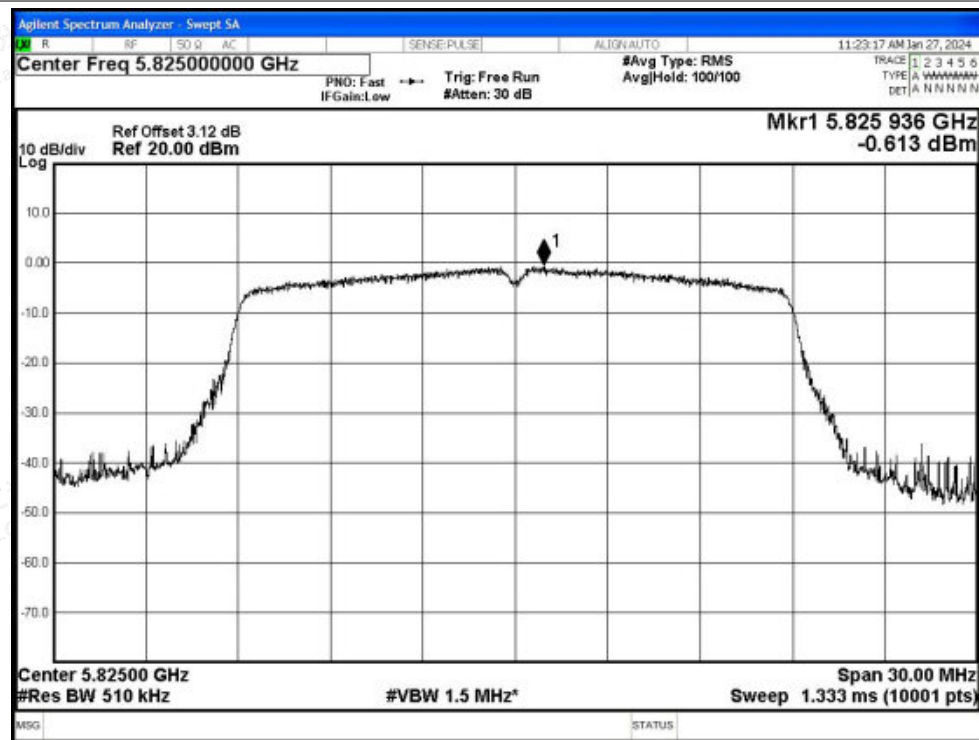
Scan code to check authenticity



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

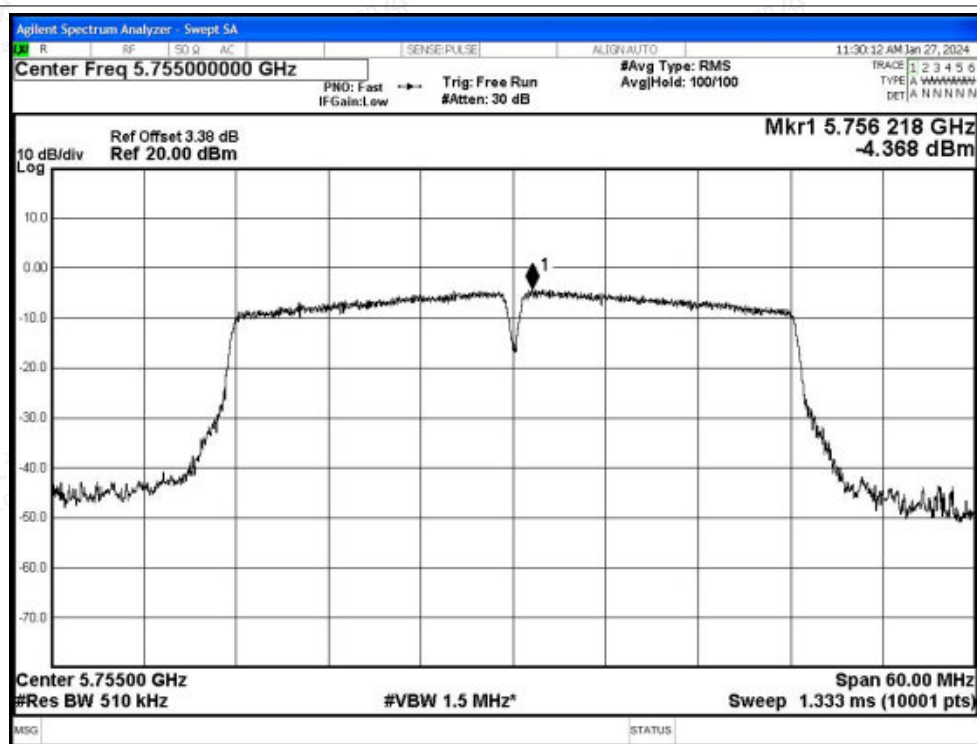
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

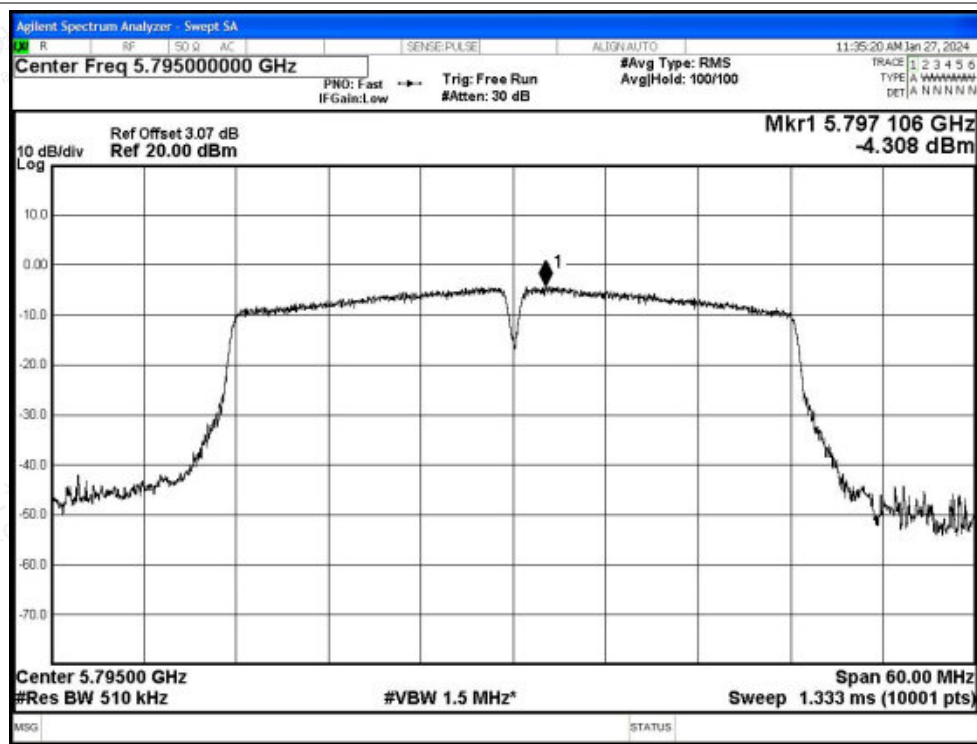
Scan code to check authenticity



PSD NVNT n40 5755MHz Ant1

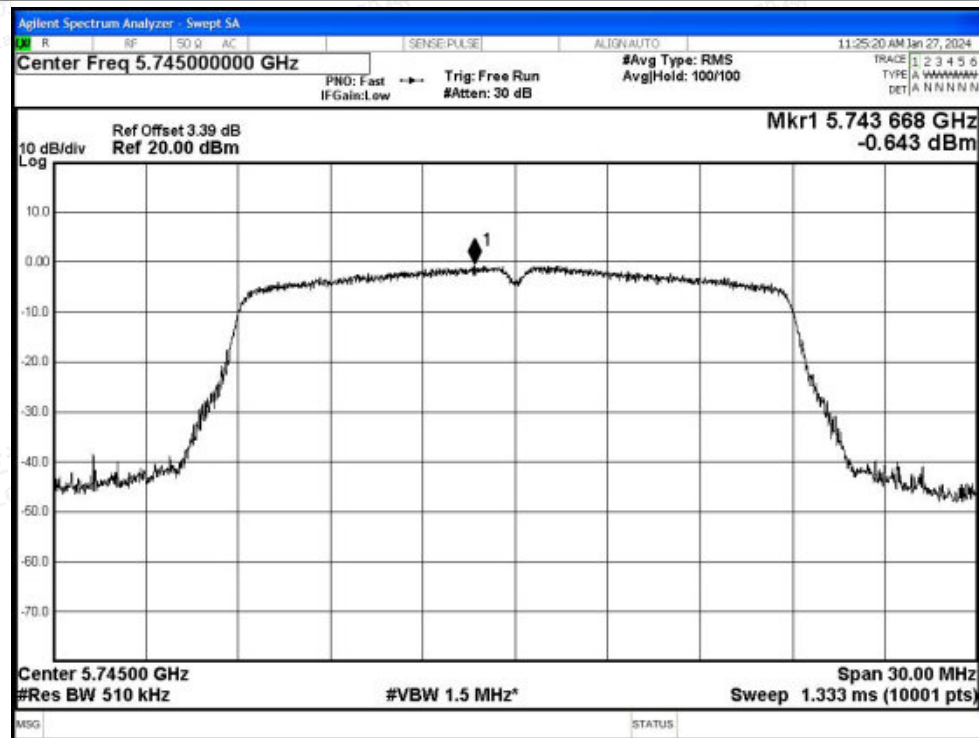


PSD NVNT n40 5795MHz Ant1

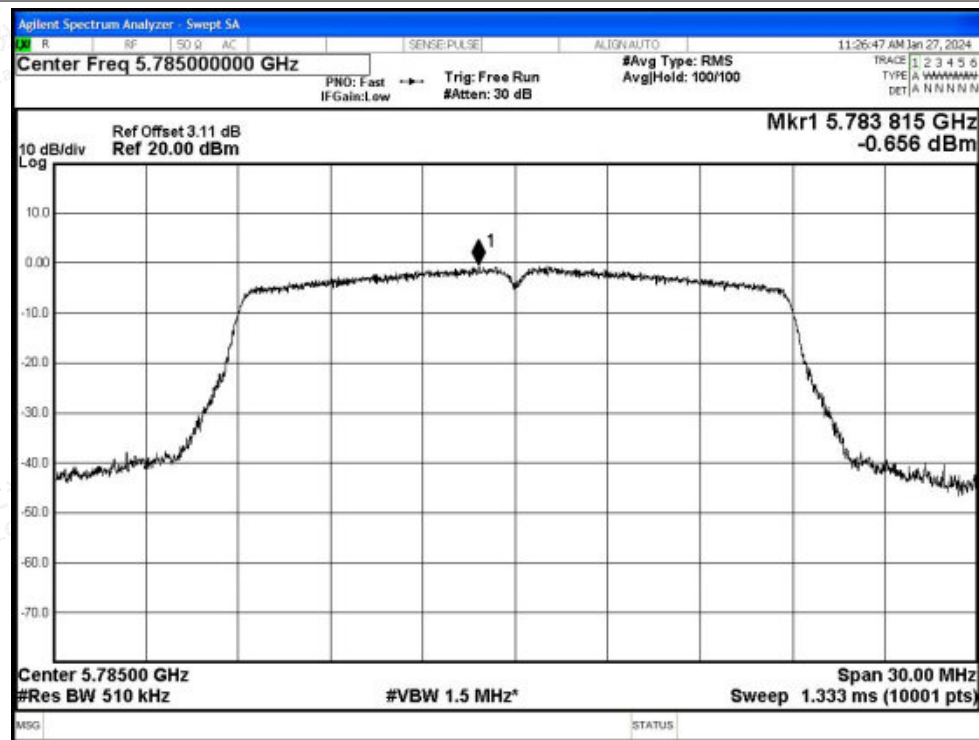




PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

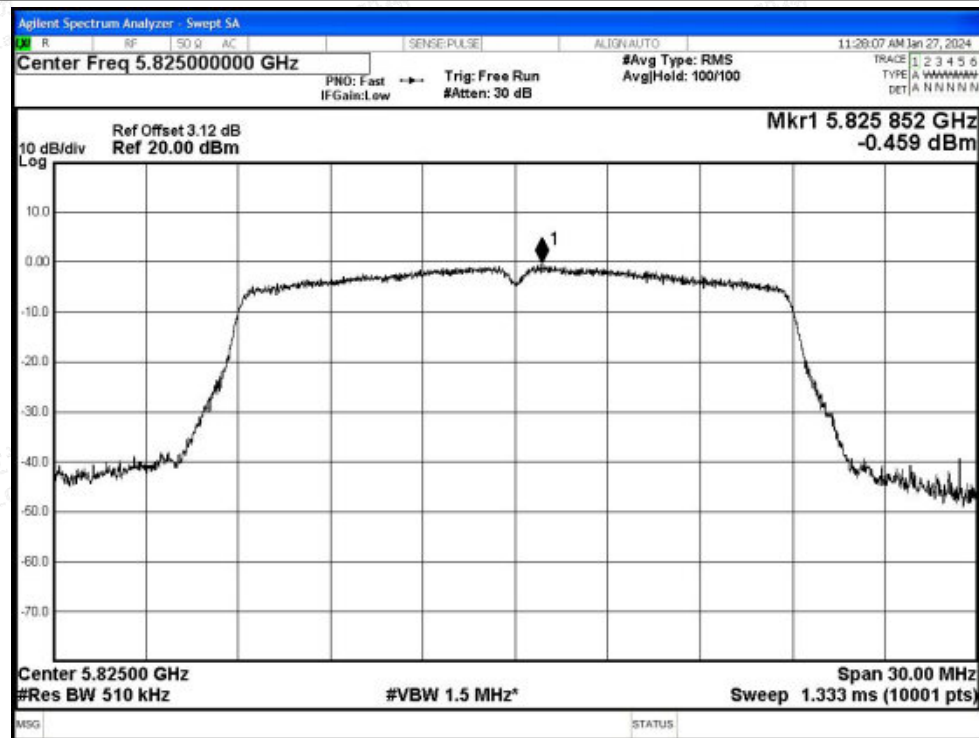
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

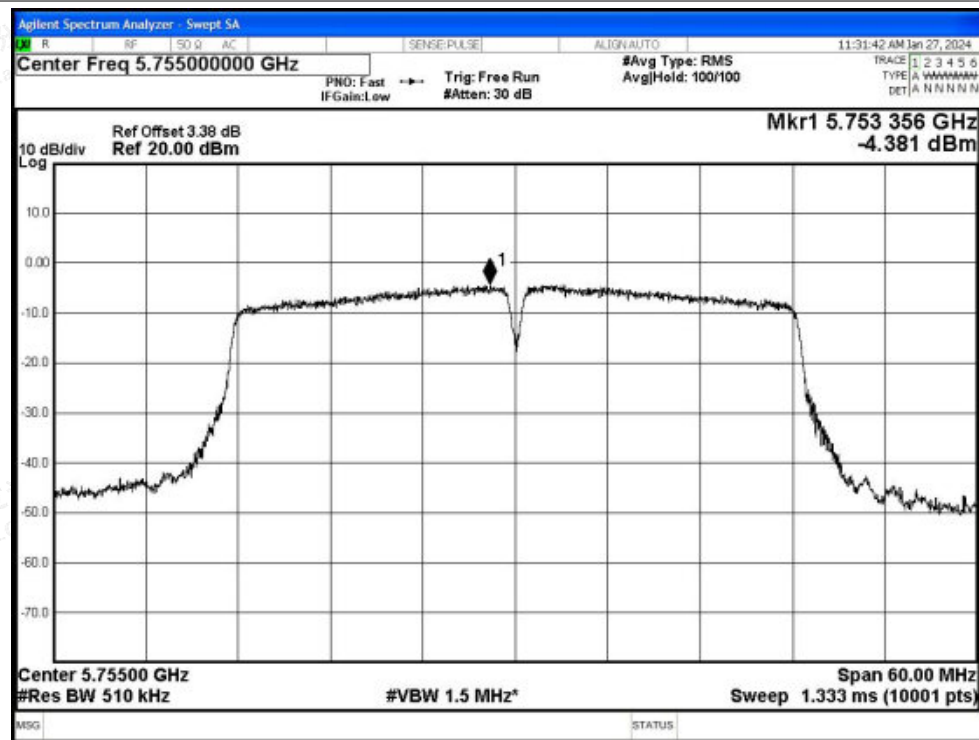
Scan code to check authenticity



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

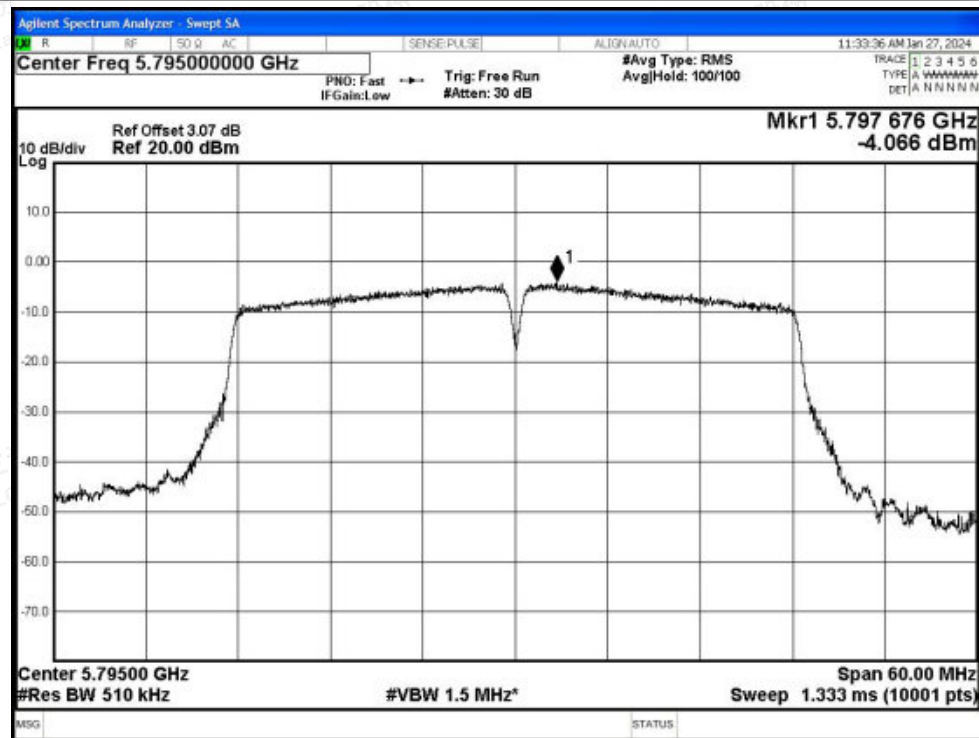
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

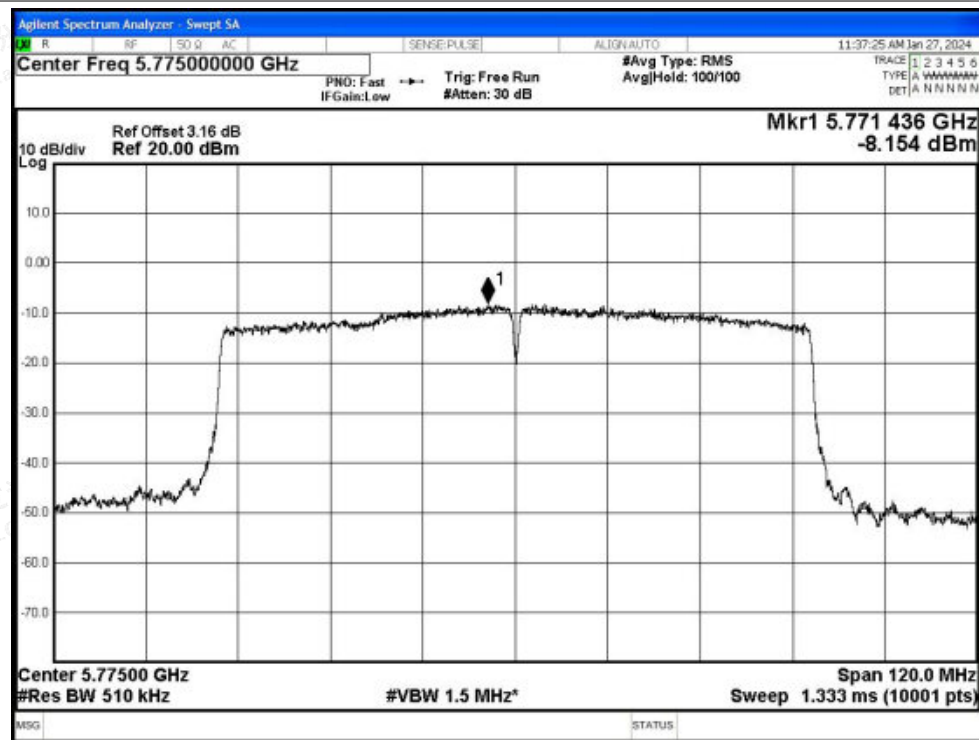
Scan code to check authenticity



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1





## E.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | EIRP Power (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -49.62      | 2          | -                | -47.62           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -57.04      | 2          | 0.13             | -54.91           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -46.46      | 2          | -                | -44.46           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -54.86      | 2          | 0.13             | -52.73           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -33.35      | 2          | -                | -31.35           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -50.34      | 2          | 0.13             | -48.21           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -35.74      | 2          | -                | -33.74           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -46.86      | 2          | 0.13             | -44.73           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -32.92      | 2          | -                | -30.92           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -50.4       | 2          | 0.13             | -48.27           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -37.69      | 2          | -                | -35.69           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -51.88      | 2          | 0.13             | -49.75           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -45.02      | 2          | -                | -43.02           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -54.54      | 2          | 0.13             | -52.41           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -47.88      | 2          | -                | -45.88           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -56.03      | 2          | 0.13             | -53.9            | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -46.21      | 2          | -                | -44.21           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -56.33      | 2          | 0.15             | -54.18           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -43.1       | 2          | -                | -41.1            | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -54.64      | 2          | 0.15             | -52.49           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -31.22      | 2          | -                | -29.22           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -47.2       | 2          | 0.15             | -45.05           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -29.96      | 2          | -                | -27.96           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -45.05      | 2          | 0.15             | -42.9            | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -29.26      | 2          | -                | -27.26           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -49.04      | 2          | 0.15             | -46.89           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -29.35      | 2          | -                | -27.35           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -51.43      | 2          | 0.15             | -49.28           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -46.29      | 2          | -                | -44.29           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -54.36      | 2          | 0.15             | -52.21           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -48.36      | 2          | -                | -46.36           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -55.79      | 2          | 0.15             | -53.64           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -47.48      | 2          | -                | -45.48           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -56.75      | 2          | 0.29             | -54.46           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -43.43      | 2          | -                | -41.43           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -53.02      | 2          | 0.29             | -50.73           | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -35.13      | 2          | -                | -33.13           | Peak     | 15.6        | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -45.65      | 2          | 0.29             | -43.36           | Average  | 15.6        | Pass    |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



|      |      |      |      |      |        |   |      |        |         |      |      |
|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5725 | -23.93 | 2 | -    | -21.93 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -43.36 | 2 | 0.29 | -41.07 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -40    | 2 | -    | -38    | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -53.7  | 2 | 0.29 | -51.41 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -46.58 | 2 | -    | -44.58 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -54.81 | 2 | 0.29 | -52.52 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -47.13 | 2 | -    | -45.13 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -56.14 | 2 | 0.29 | -53.85 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -49.1  | 2 | -    | -47.1  | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -56.97 | 2 | 0.29 | -54.68 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -49.62 | 2 | -    | -47.62 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -56.7  | 2 | 0.14 | -54.56 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -46.59 | 2 | -    | -44.59 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.68 | 2 | 0.14 | -52.54 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -32.91 | 2 | -    | -30.91 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -48.58 | 2 | 0.14 | -46.44 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -29.89 | 2 | -    | -27.89 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -43.89 | 2 | 0.14 | -41.75 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -35.13 | 2 | -    | -33.13 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -48.36 | 2 | 0.14 | -46.22 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -40.52 | 2 | -    | -38.52 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -51.79 | 2 | 0.14 | -49.65 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -46.72 | 2 | -    | -44.72 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -53.69 | 2 | 0.14 | -51.55 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -48.62 | 2 | -    | -46.62 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -55.56 | 2 | 0.14 | -53.42 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -47.81 | 2 | -    | -45.81 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -56.08 | 2 | 0.28 | -53.8  | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -42.53 | 2 | -    | -40.53 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -51.61 | 2 | 0.28 | -49.33 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -35.4  | 2 | -    | -33.4  | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -44.96 | 2 | 0.28 | -42.68 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -34.36 | 2 | -    | -32.36 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -43.83 | 2 | 0.28 | -41.55 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -44.92 | 2 | -    | -42.92 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -53.47 | 2 | 0.28 | -51.19 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -47.53 | 2 | -    | -45.53 | Peak    | 15.6 | Pass |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



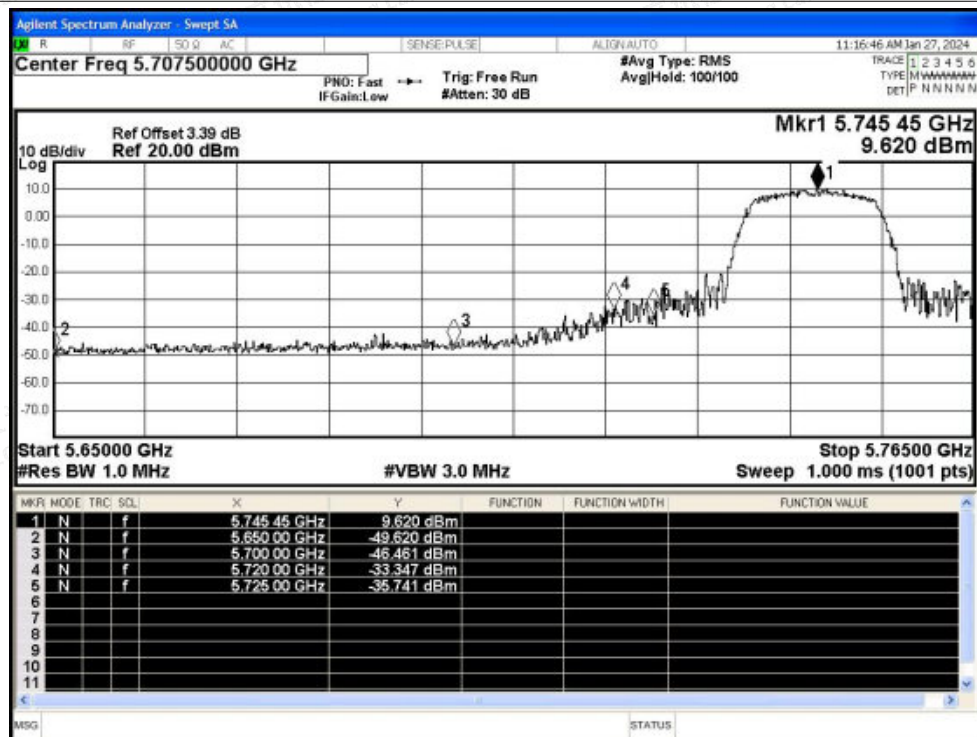
|      |      |      |      |      |        |   |      |        |         |      |      |
|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5855 | -54.89 | 2 | 0.28 | -52.61 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -45.49 | 2 | -    | -43.49 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -55.94 | 2 | 0.28 | -53.66 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -50.2  | 2 | -    | -48.2  | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -56.46 | 2 | 0.28 | -54.18 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -43.73 | 2 | -    | -41.73 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -55.56 | 2 | 0.55 | -53.01 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -39.94 | 2 | -    | -37.94 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -49.53 | 2 | 0.55 | -46.98 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -35.66 | 2 | -    | -33.66 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -45.24 | 2 | 0.55 | -42.69 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -30.54 | 2 | -    | -28.54 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -44.53 | 2 | 0.55 | -41.98 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -39.08 | 2 | -    | -37.08 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -51.04 | 2 | 0.55 | -48.49 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -33.08 | 2 | -    | -31.08 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -49.9  | 2 | 0.55 | -47.35 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -40.82 | 2 | -    | -38.82 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -52.77 | 2 | 0.55 | -50.22 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -48.96 | 2 | -    | -46.96 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -56.26 | 2 | 0.55 | -53.71 | Average | -27  | Pass |



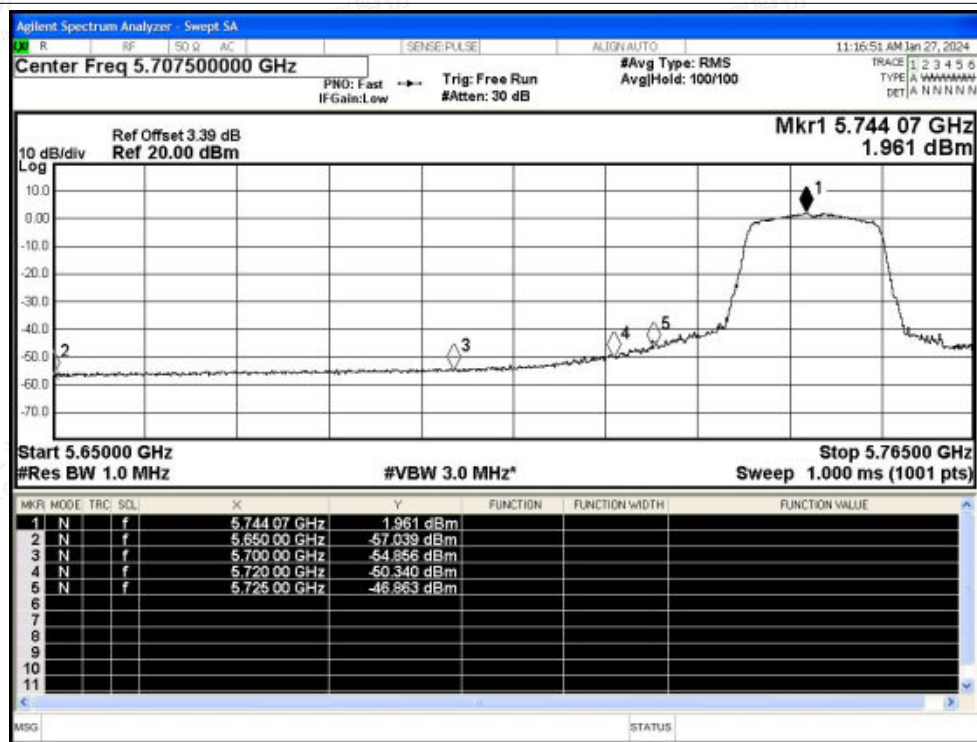


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant1 Peak



## Restrict Band NVNT a 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

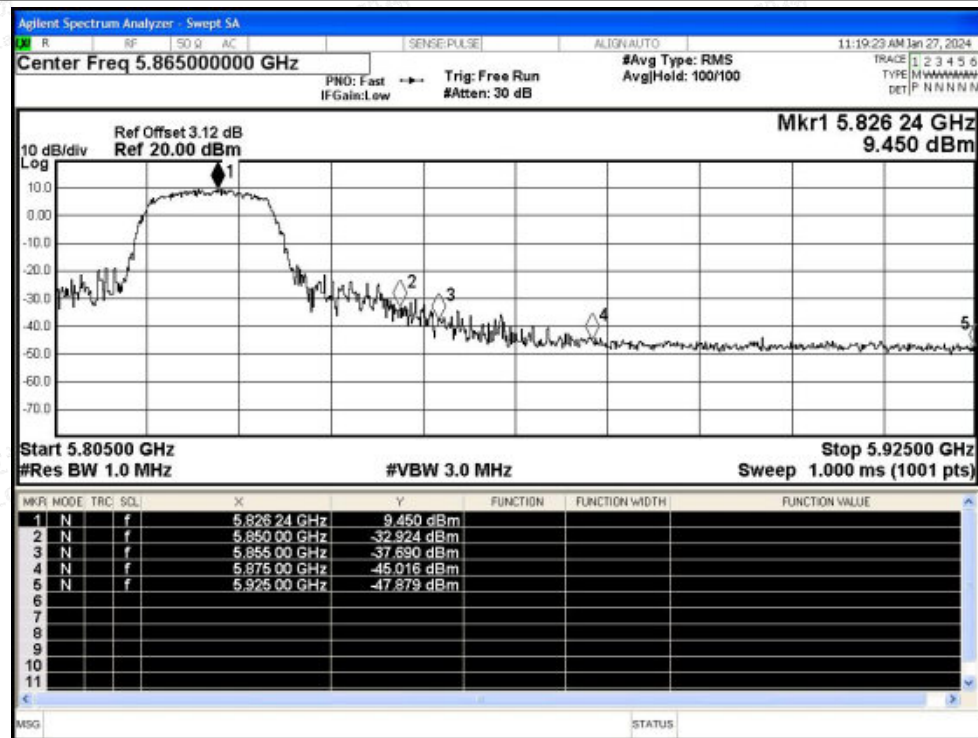
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

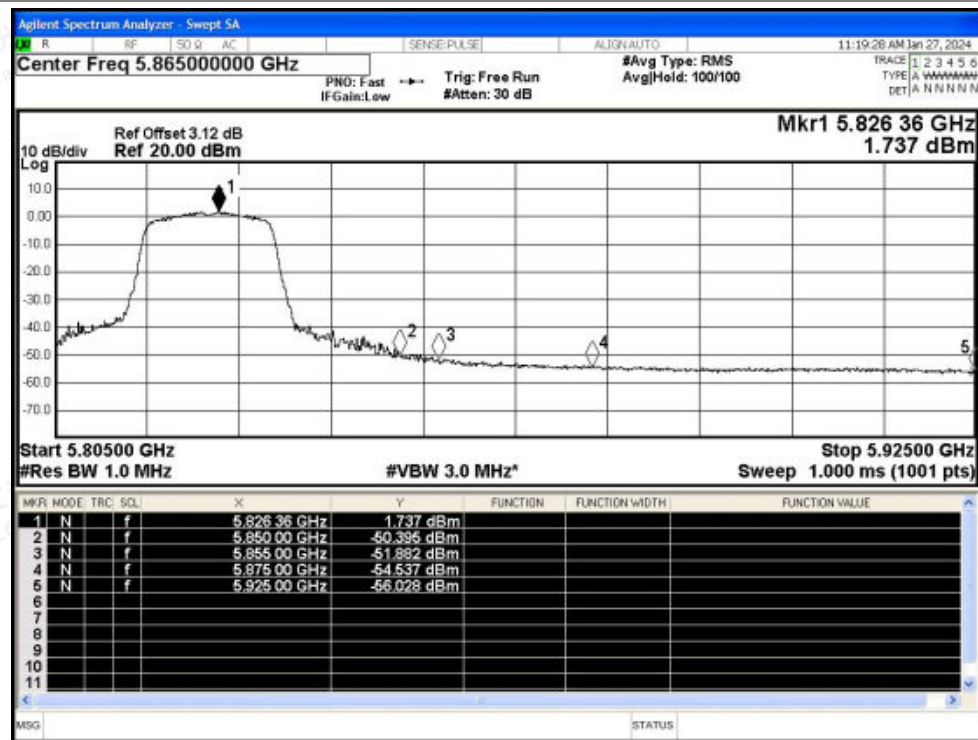
Scan code to check authenticity



## Restrict Band NVNT a 5825MHz Ant1 Peak



## Restrict Band NVNT a 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

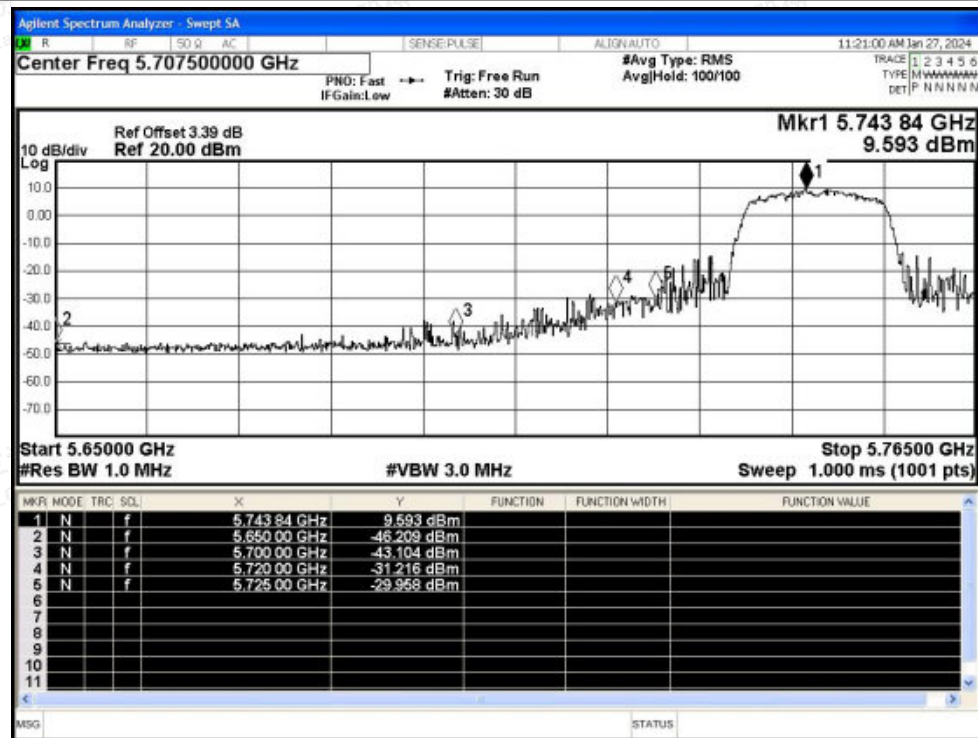
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

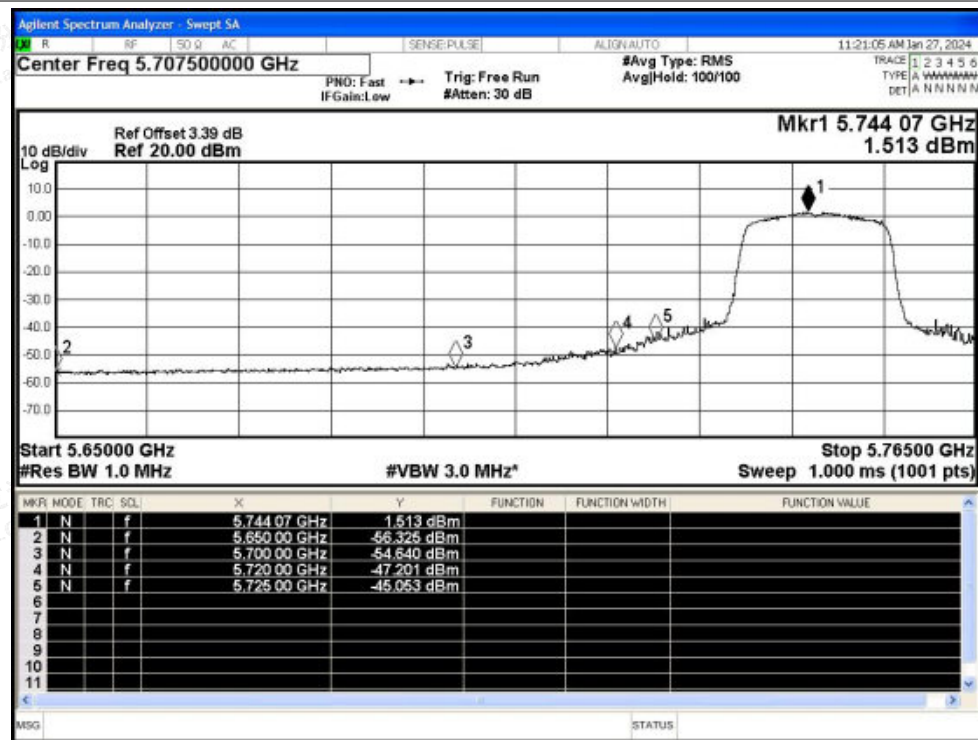
Scan code to check authenticity



## Restrict Band NVNT n20 5745MHz Ant1 Peak



## Restrict Band NVNT n20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

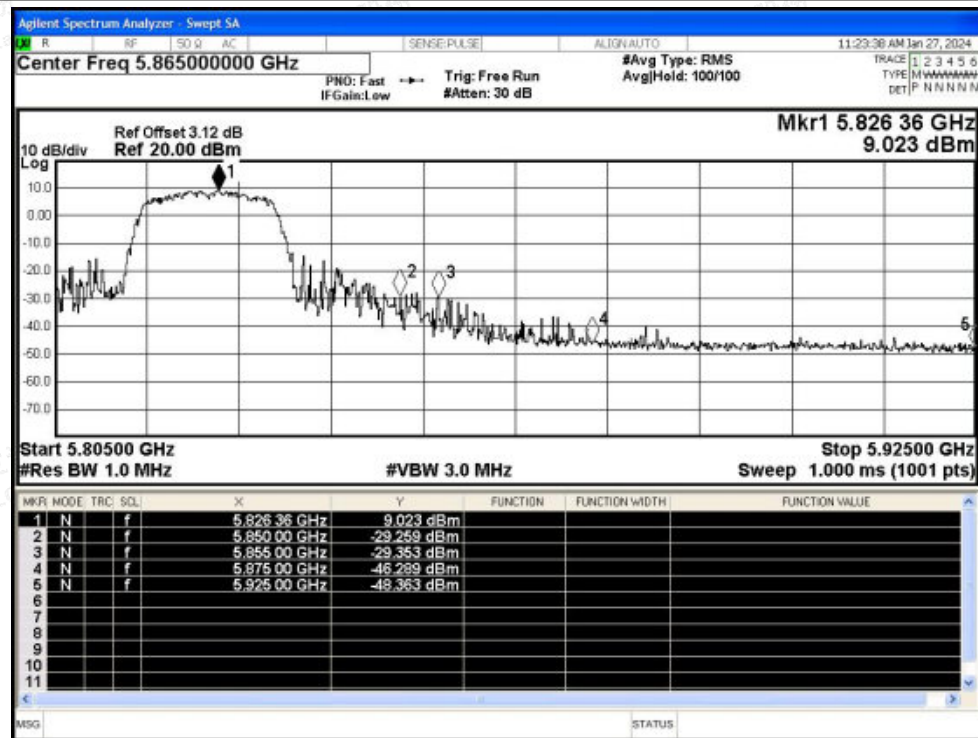
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

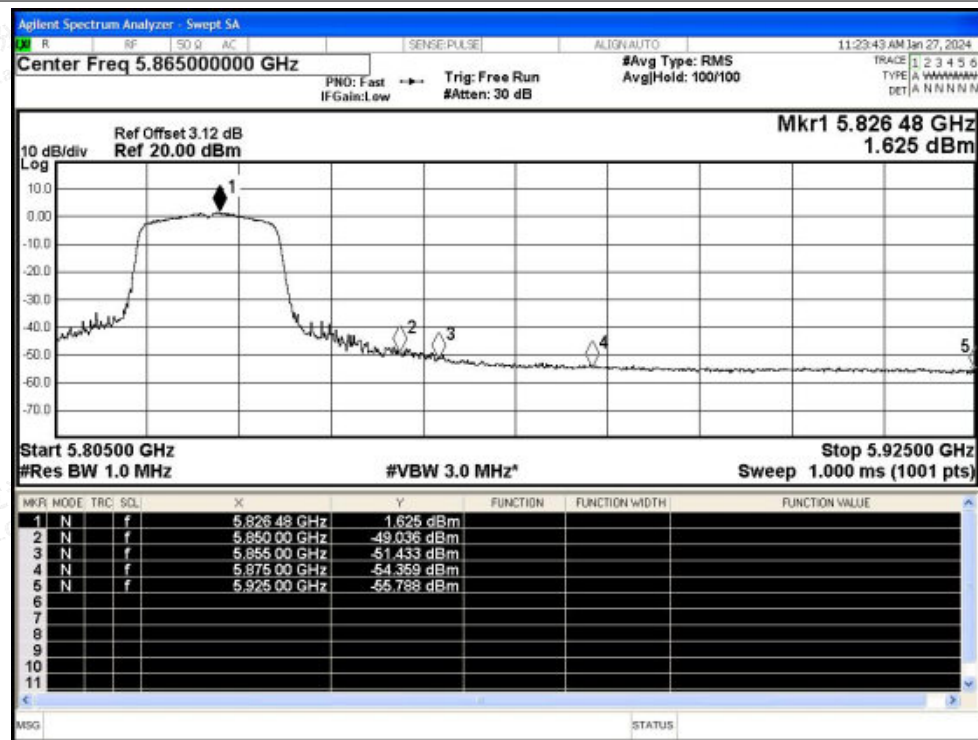
Scan code to check authenticity



## Restrict Band NVNT n20 5825MHz Ant1 Peak



## Restrict Band NVNT n20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

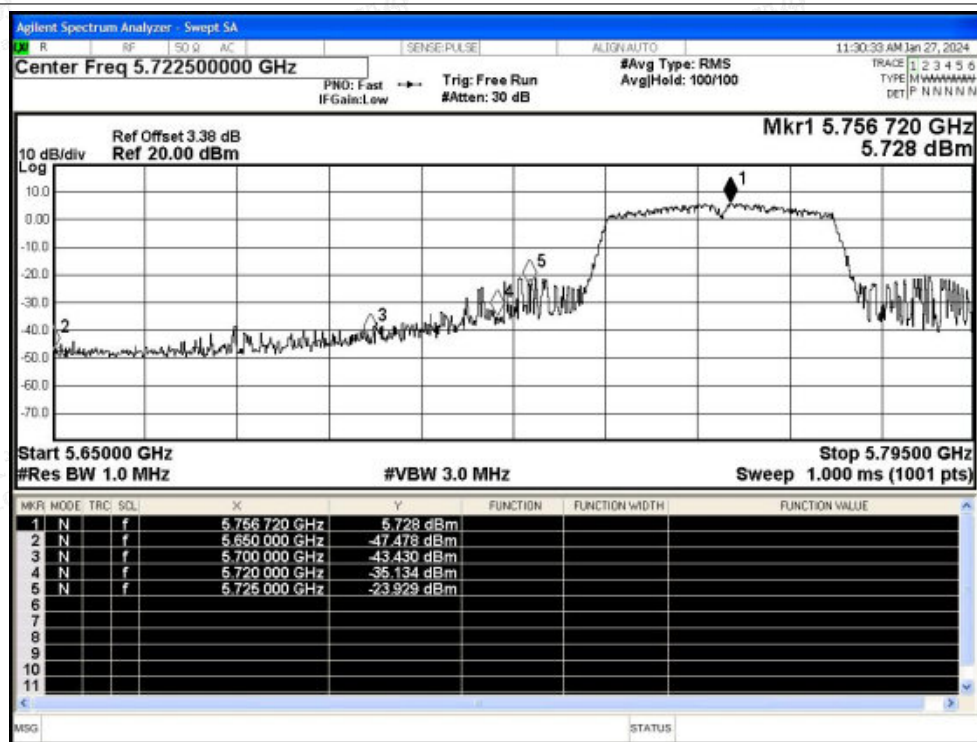
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

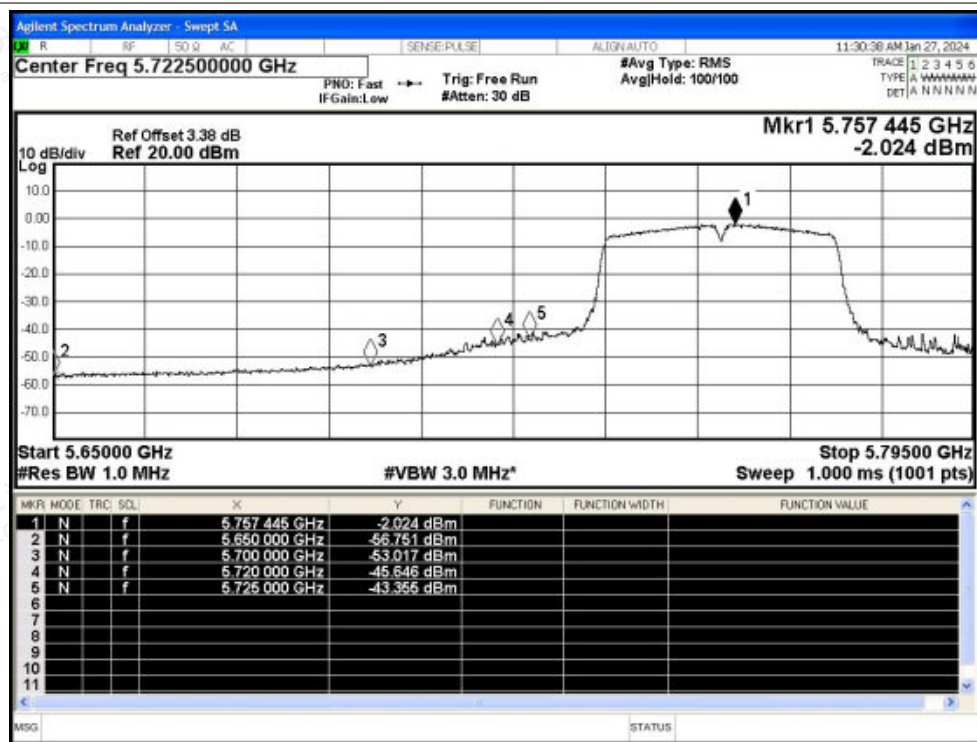
Scan code to check authenticity



## Restrict Band NVNT n40 5755MHz Ant1 Peak



## Restrict Band NVNT n40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

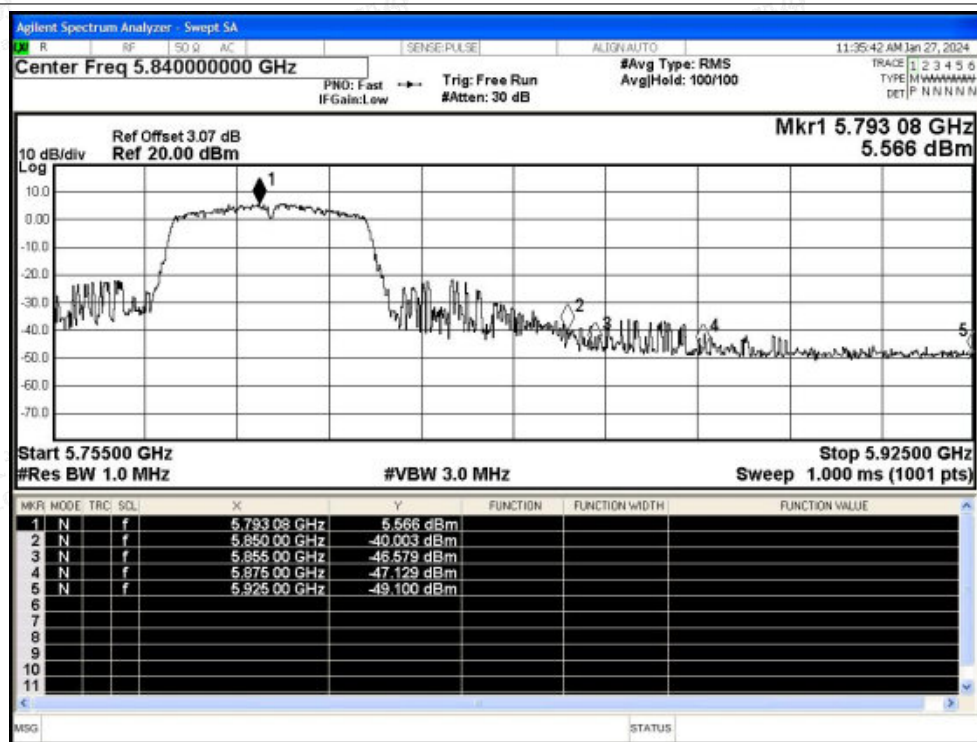
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

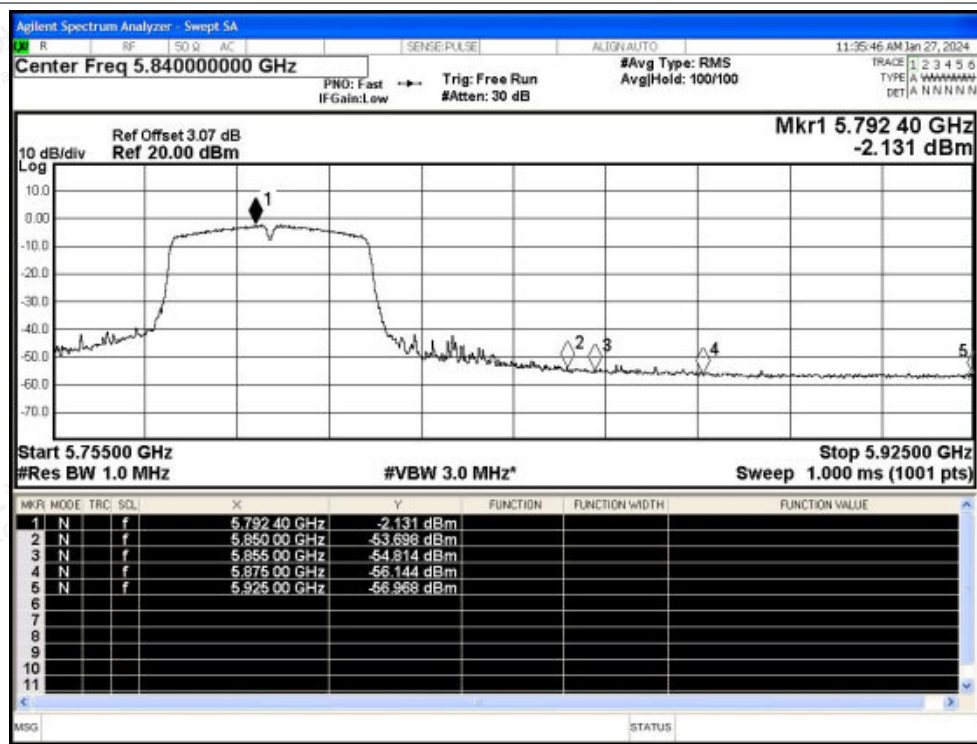
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

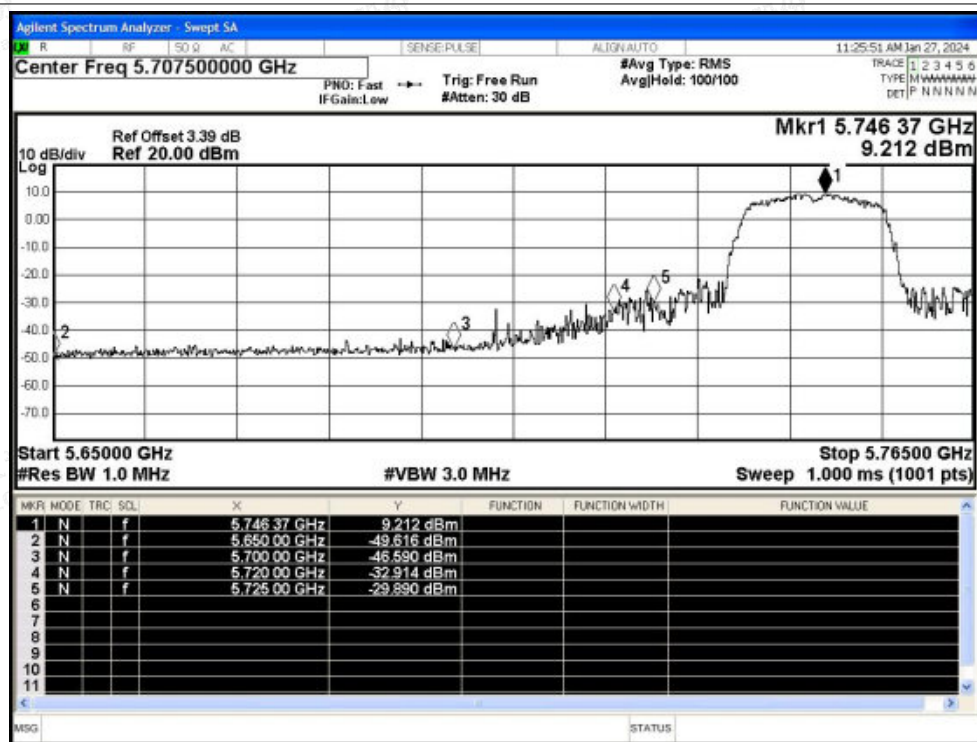
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

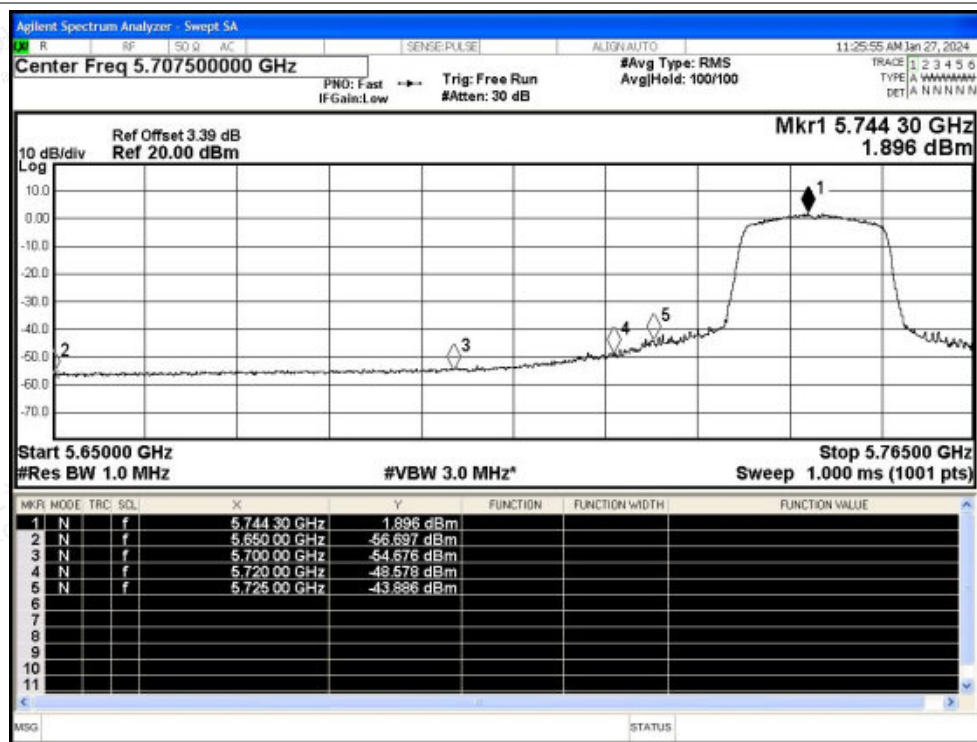
Scan code to check authenticity



## Restrict Band NVNT ac20 5745MHz Ant1 Peak



## Restrict Band NVNT ac20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

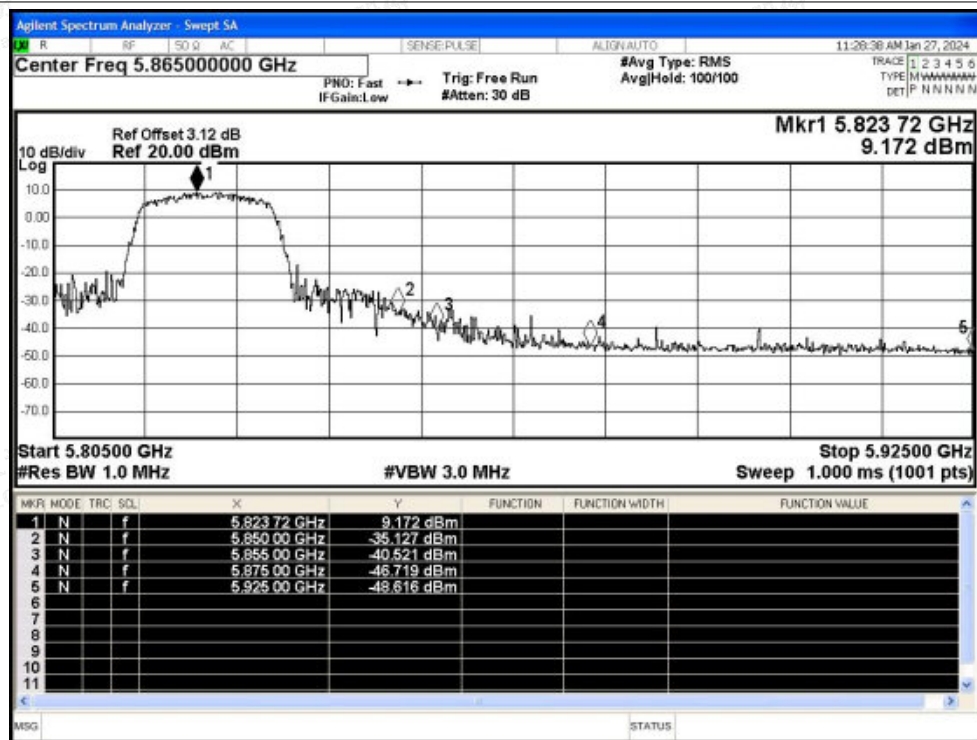
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

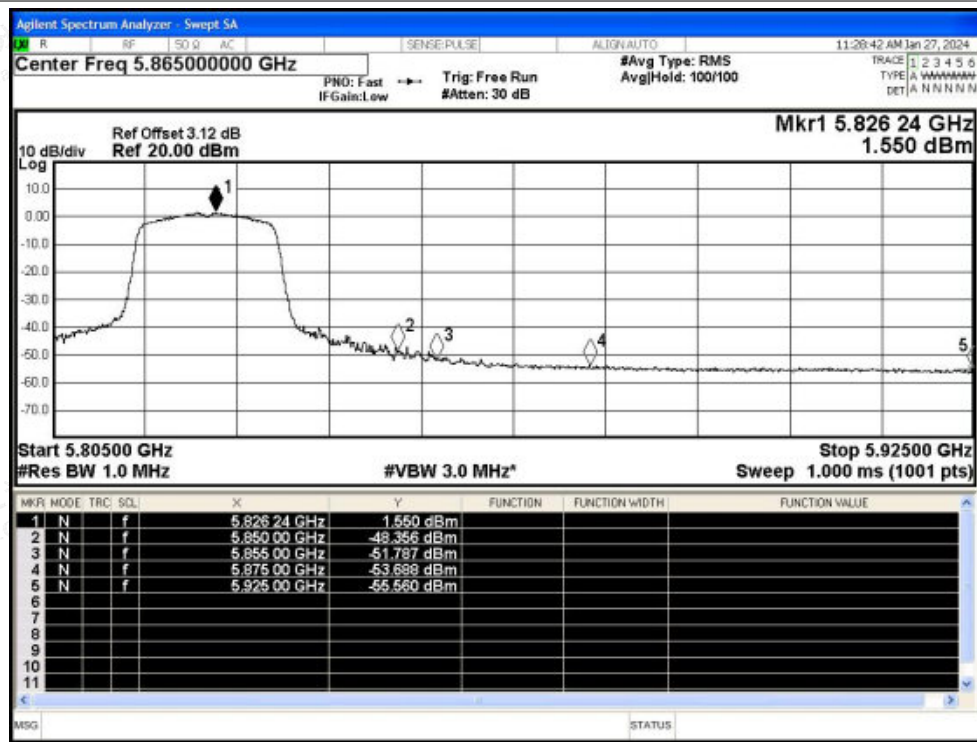
Scan code to check authenticity



## Restrict Band NVNT ac20 5825MHz Ant1 Peak



## Restrict Band NVNT ac20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

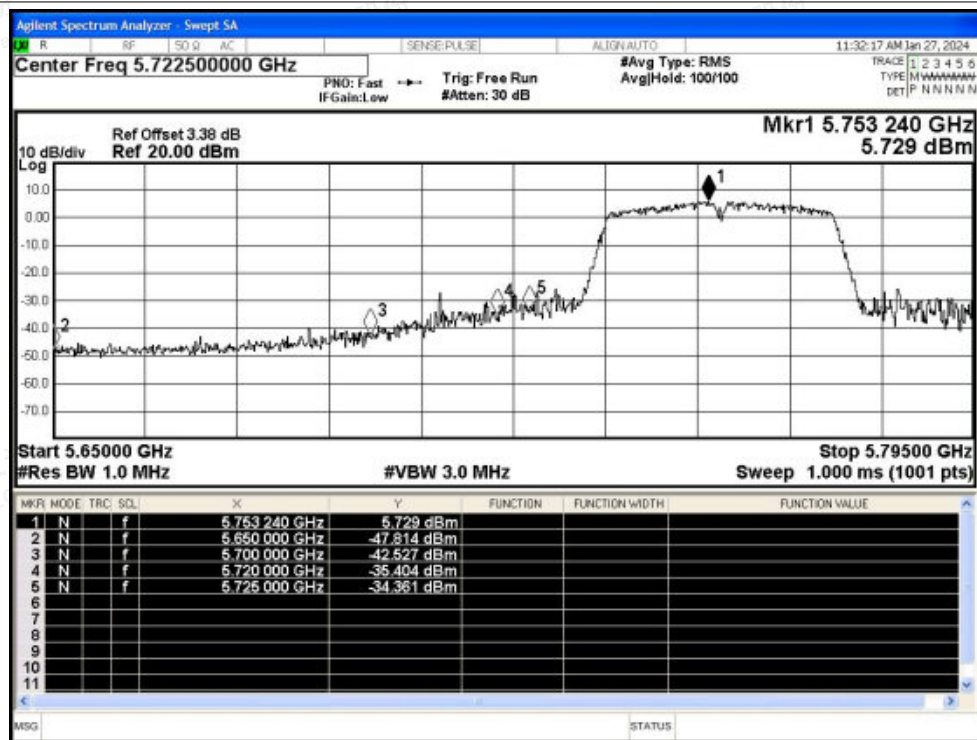
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

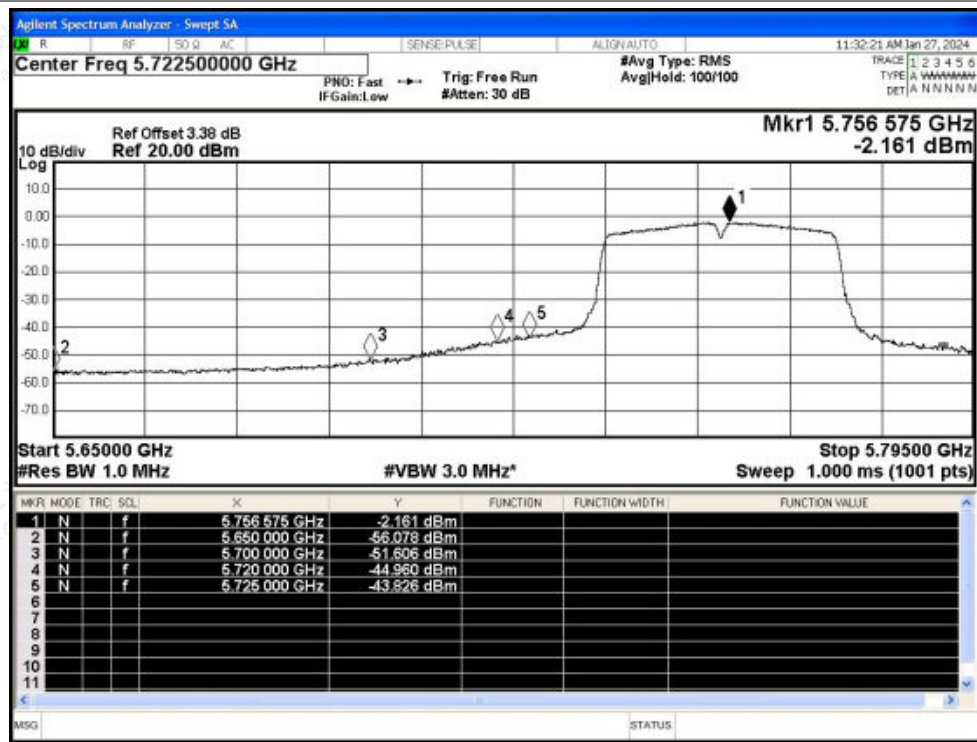
Scan code to check authenticity



## Restrict Band NVNT ac40 5755MHz Ant1 Peak



## Restrict Band NVNT ac40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

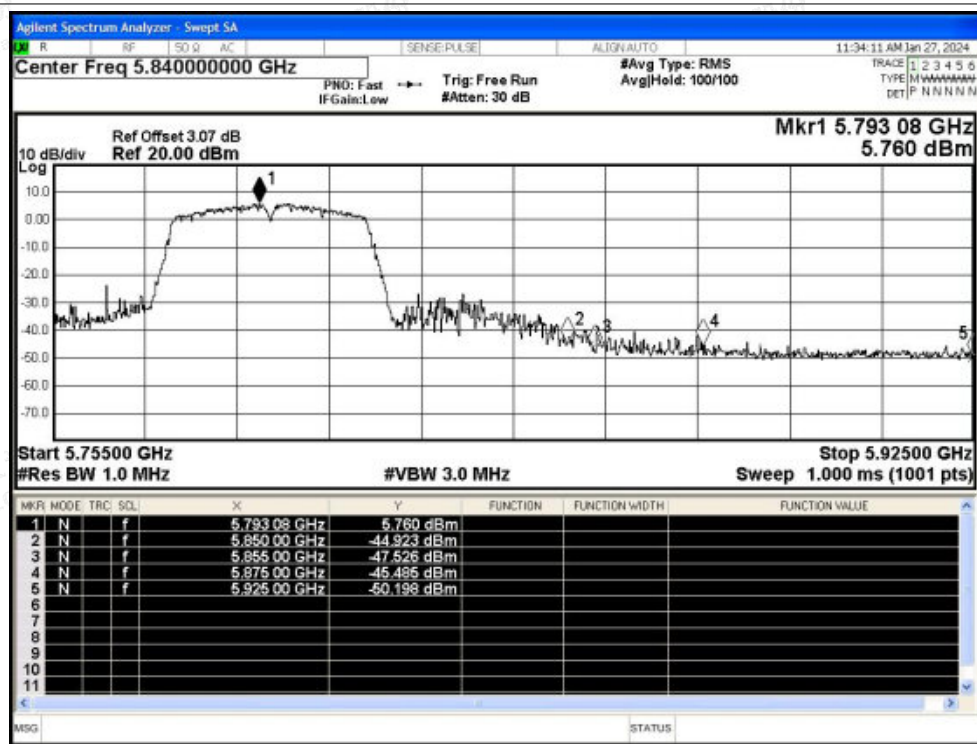
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

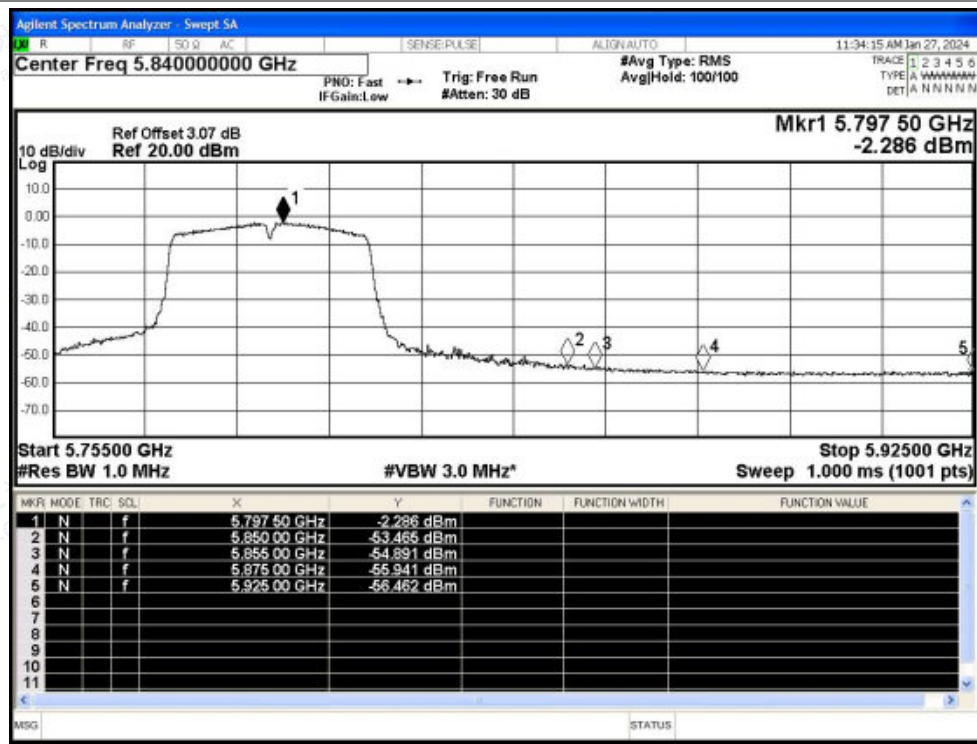
Scan code to check authenticity



## Restrict Band NVNT ac40 5795MHz Ant1 Peak



## Restrict Band NVNT ac40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

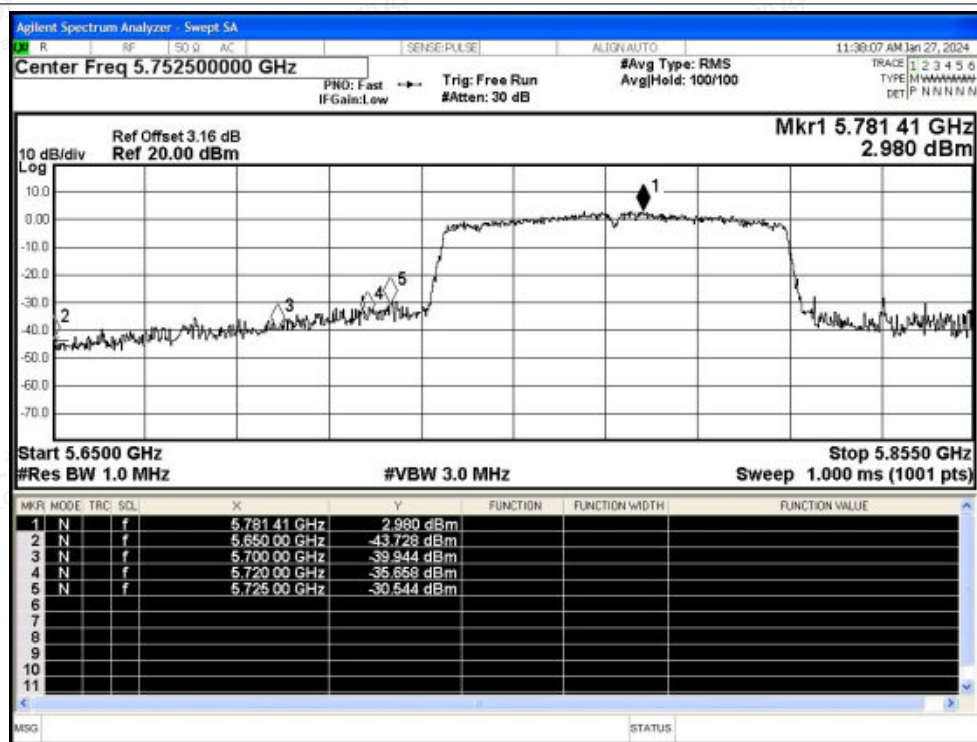
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

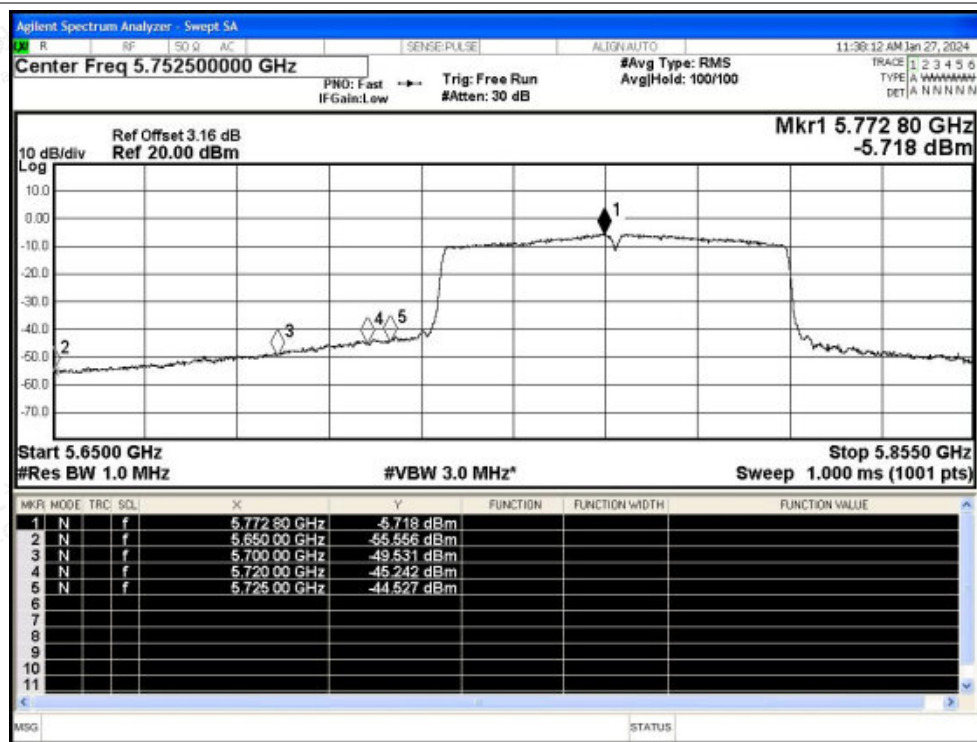
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

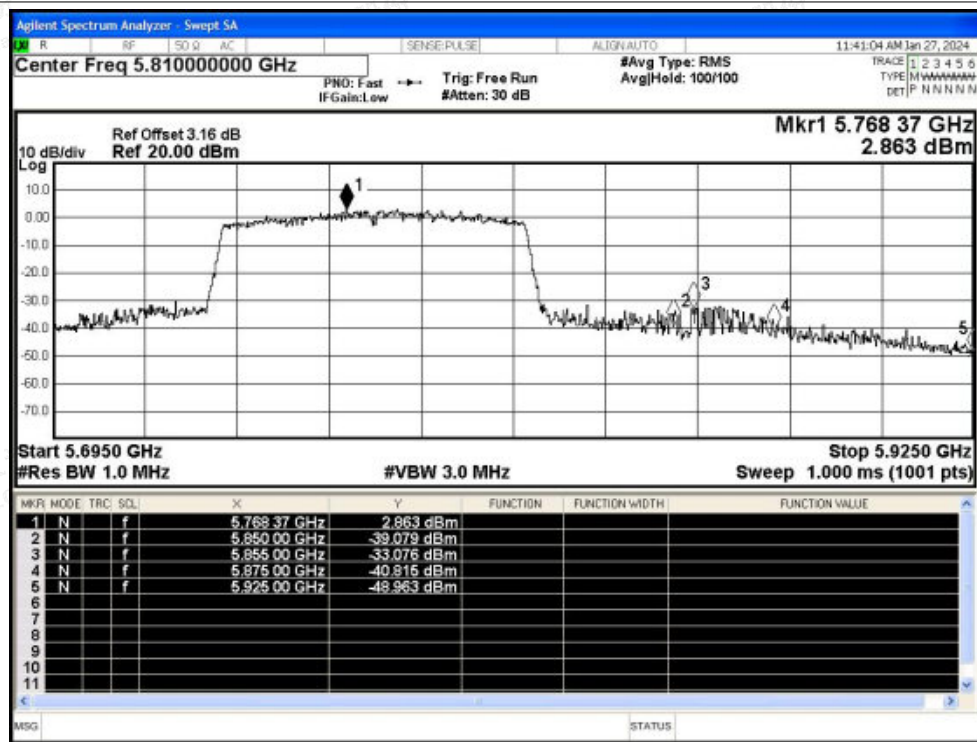
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

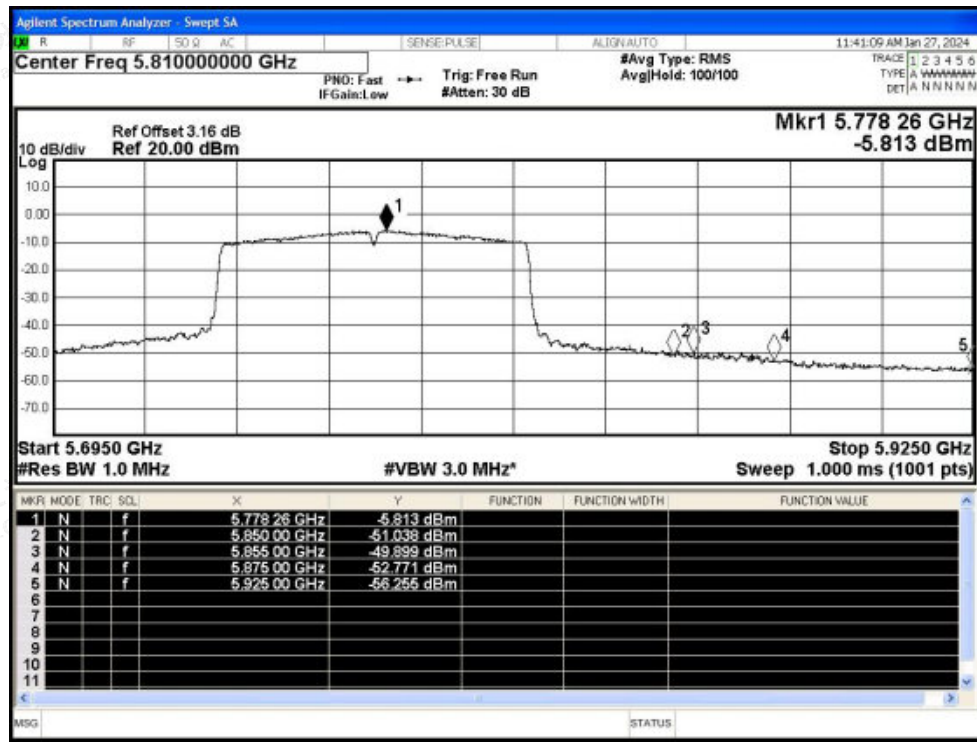
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



E.5 Frequency Stability

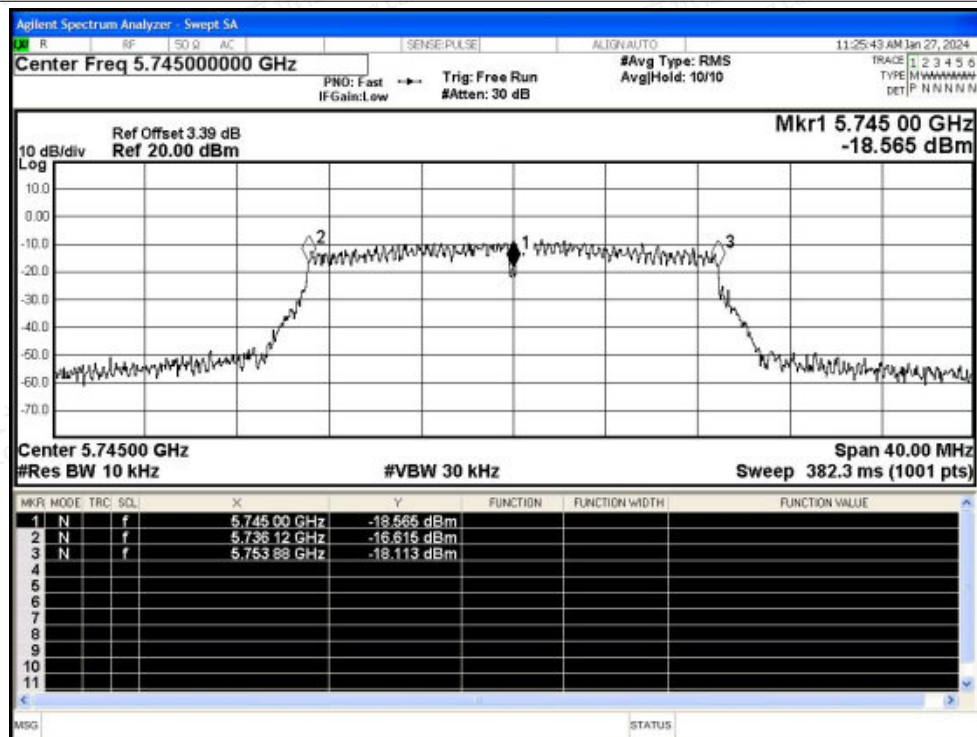
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ac20 | 5745            | Ant1    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | 25          | Pass    |



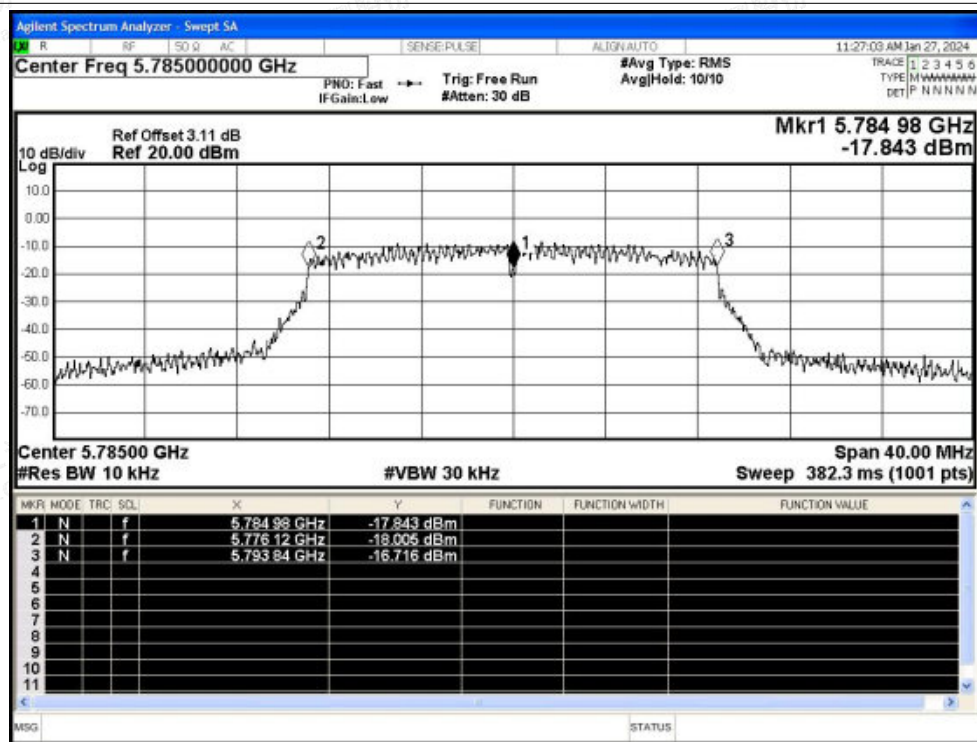


## Test Graphs

## Freq. Stability NVNT ac20 5745MHz Ant1



## Freq. Stability NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

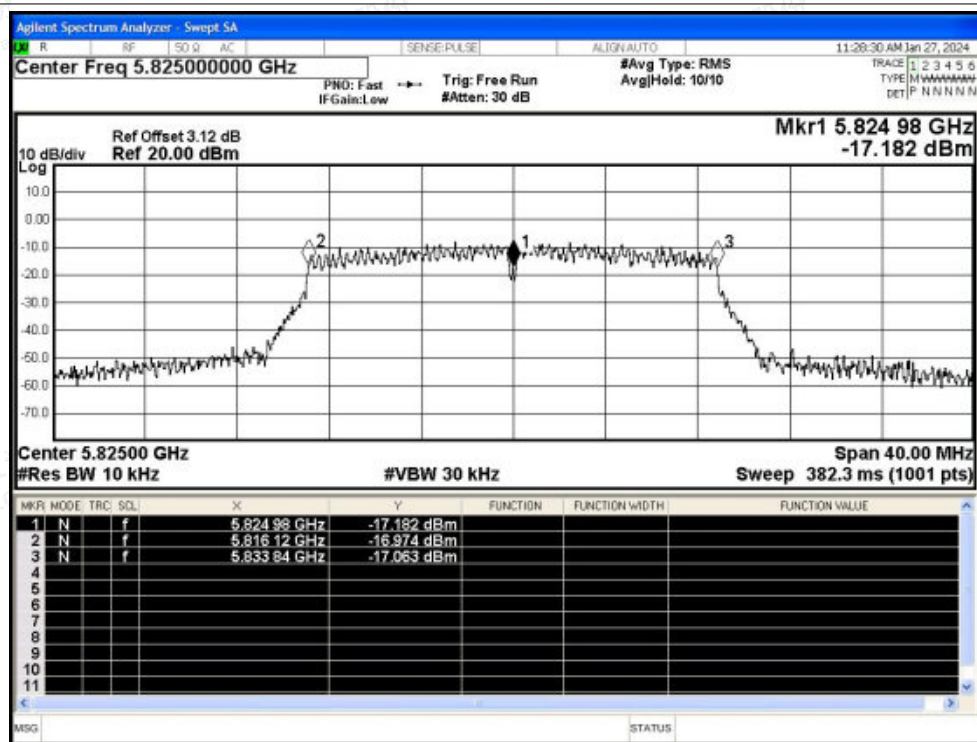
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

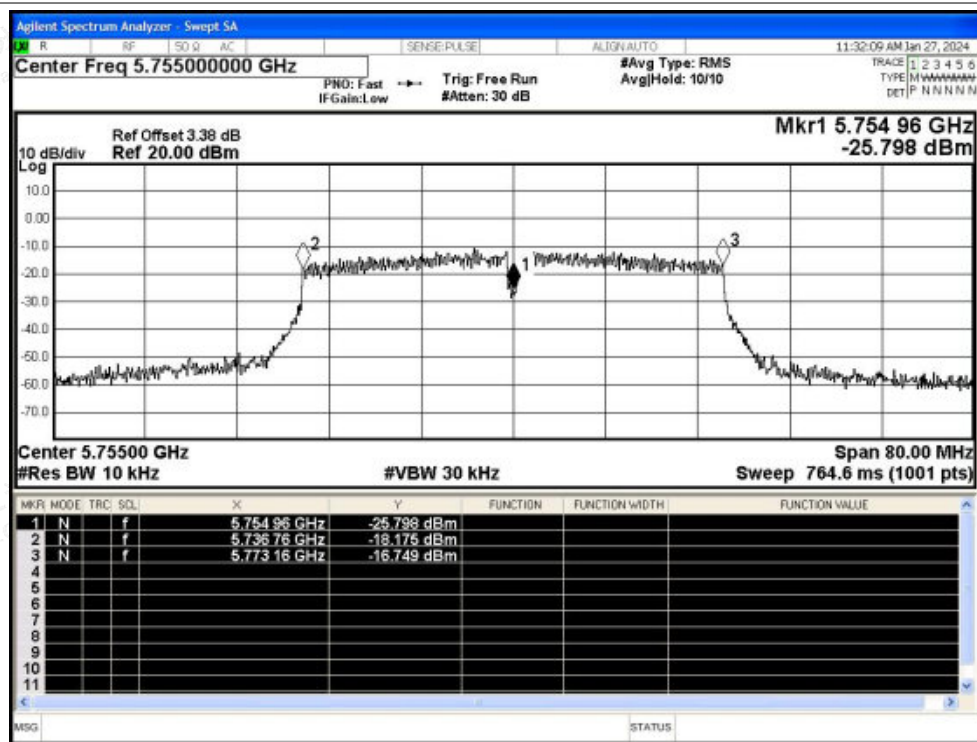
Scan code to check authenticity



## Freq. Stability NVNT ac20 5825MHz Ant1



## Freq. Stability NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

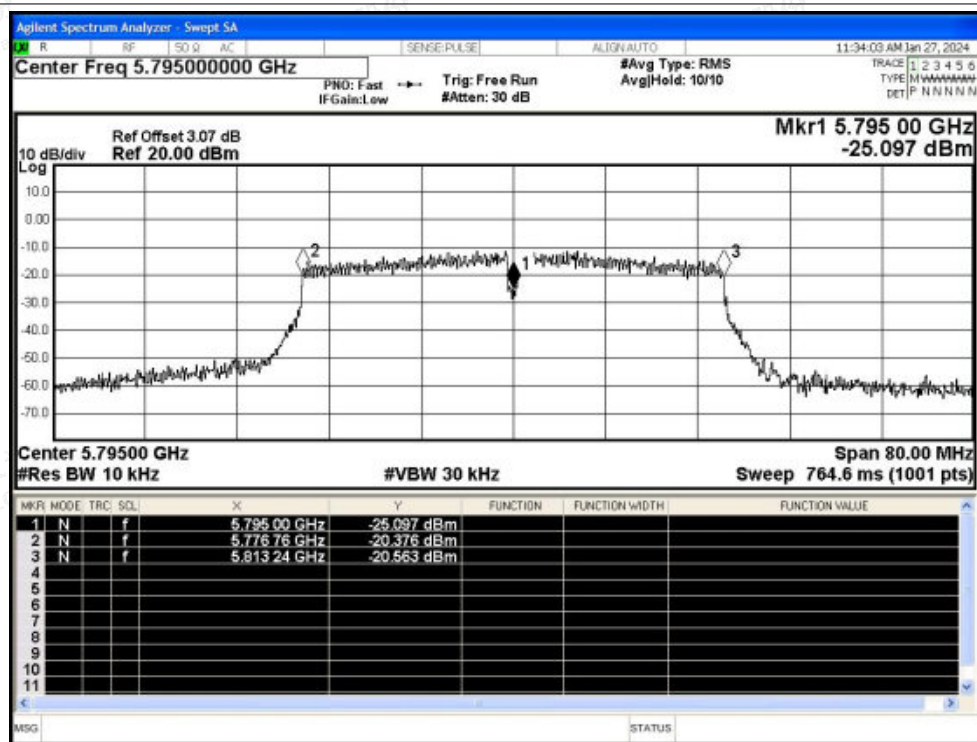
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

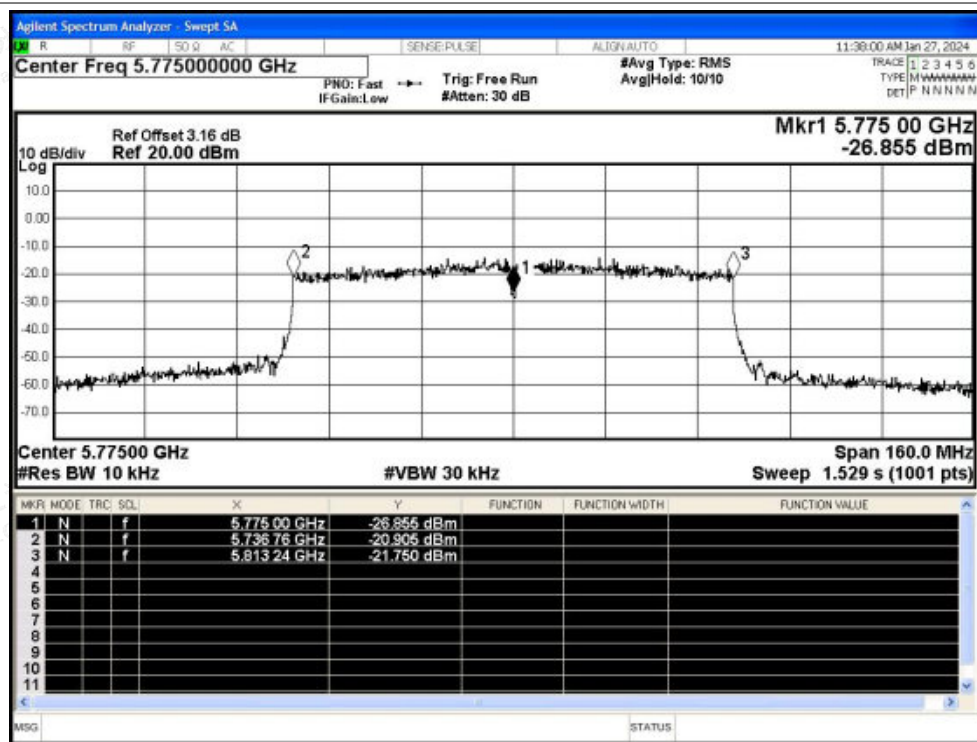
Scan code to check authenticity



## Freq. Stability NVNT ac40 5795MHz Ant1



## Freq. Stability NVNT ac80 5775MHz 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



## E.6 Duty Cycle

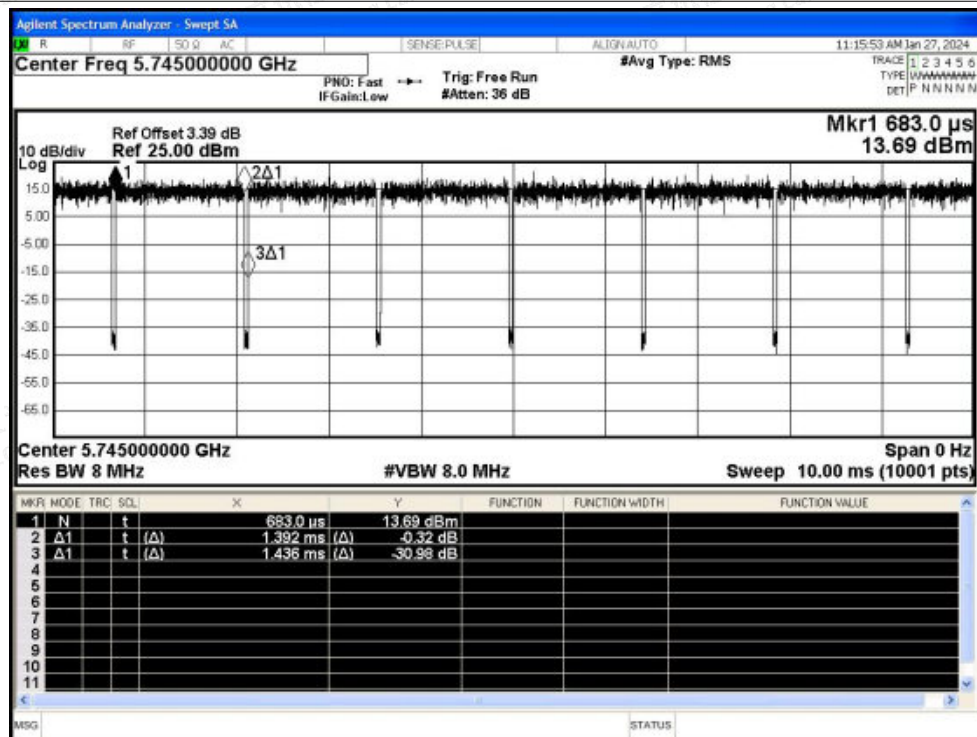
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | a    | 5785            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | a    | 5825            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | n20  | 5745            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n20  | 5785            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n20  | 5825            | Ant1    | 96.7           | 0.15                   | 0.78      |
| NVNT      | n40  | 5755            | Ant1    | 93.53          | 0.29                   | 1.57      |
| NVNT      | n40  | 5795            | Ant1    | 93.53          | 0.29                   | 1.57      |
| NVNT      | ac20 | 5745            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5785            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5825            | Ant1    | 96.76          | 0.14                   | 0.76      |
| NVNT      | ac40 | 5755            | Ant1    | 93.82          | 0.28                   | 1.53      |
| NVNT      | ac40 | 5795            | Ant1    | 93.82          | 0.28                   | 1.53      |
| NVNT      | ac80 | 5775            | Ant1    | 88.08          | 0.55                   | 3.08      |



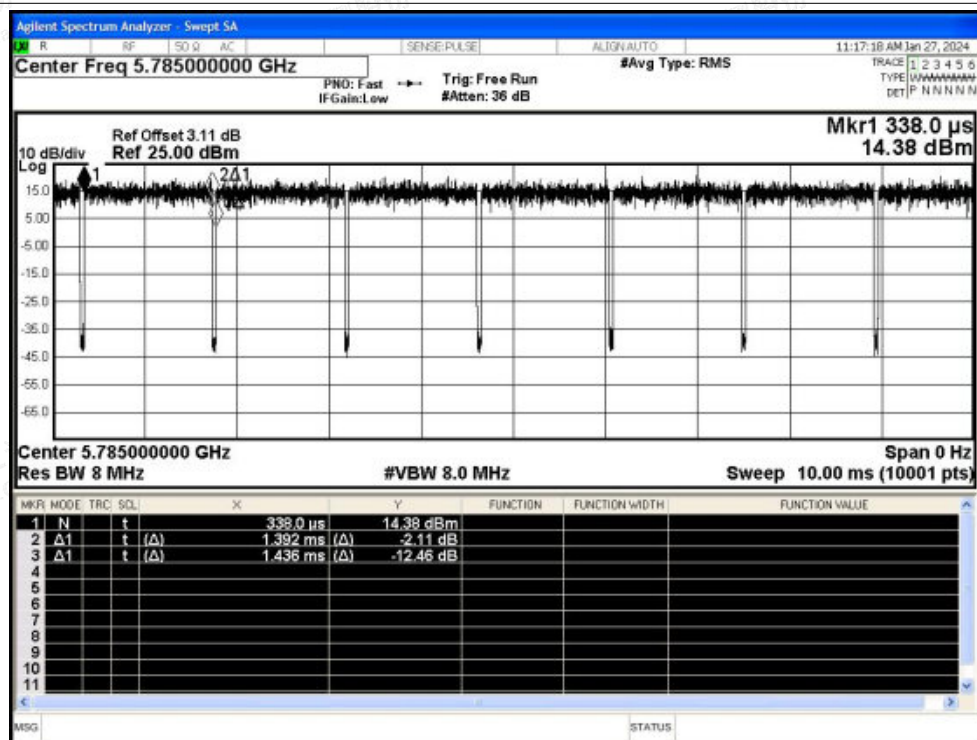


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1



## Duty Cycle NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

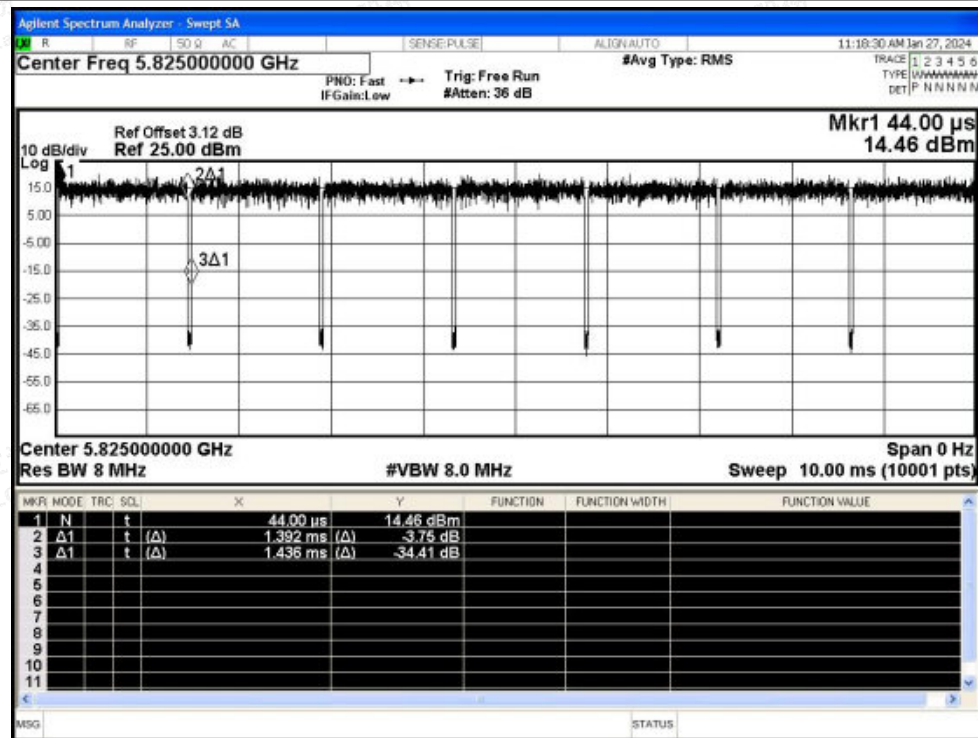
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

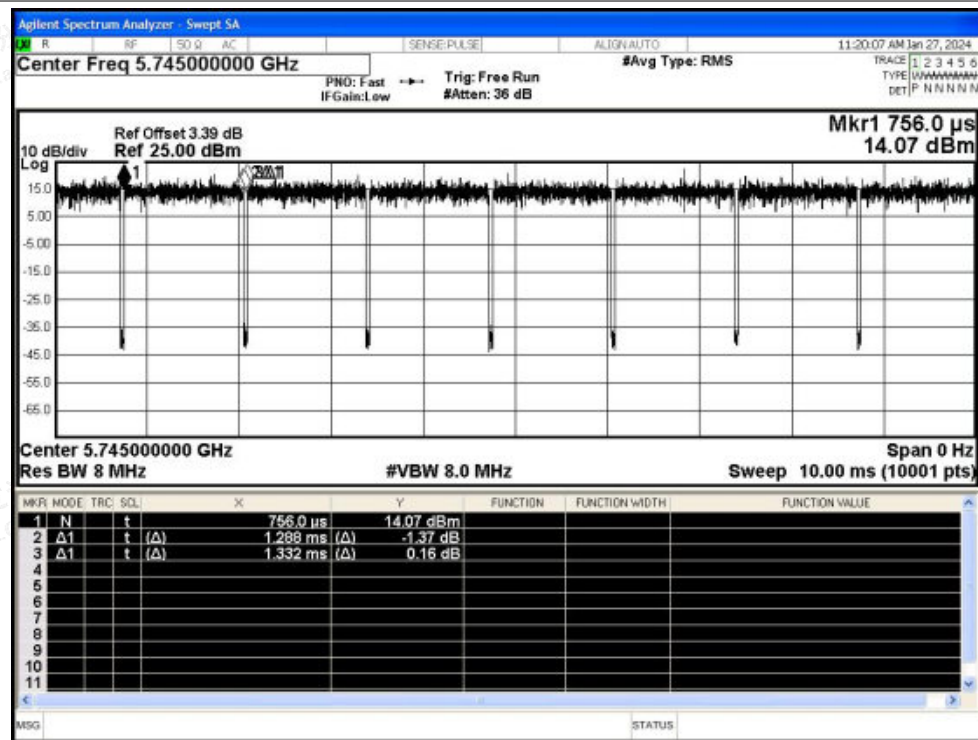
Scan code to check authenticity



## Duty Cycle NVNT a 5825MHz Ant1



## Duty Cycle NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

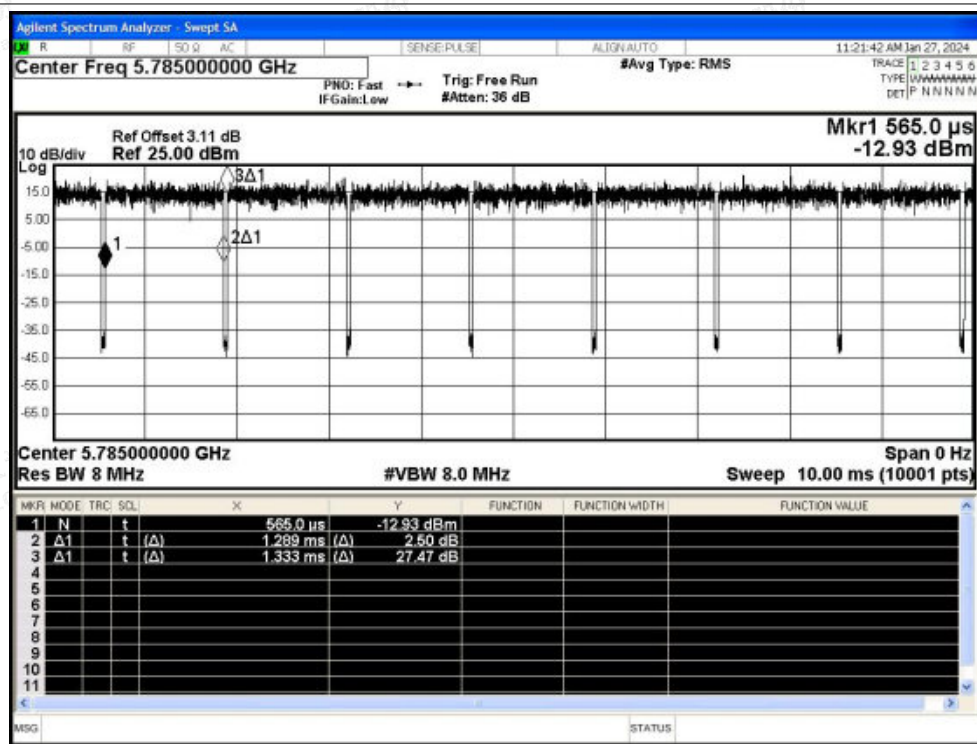
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

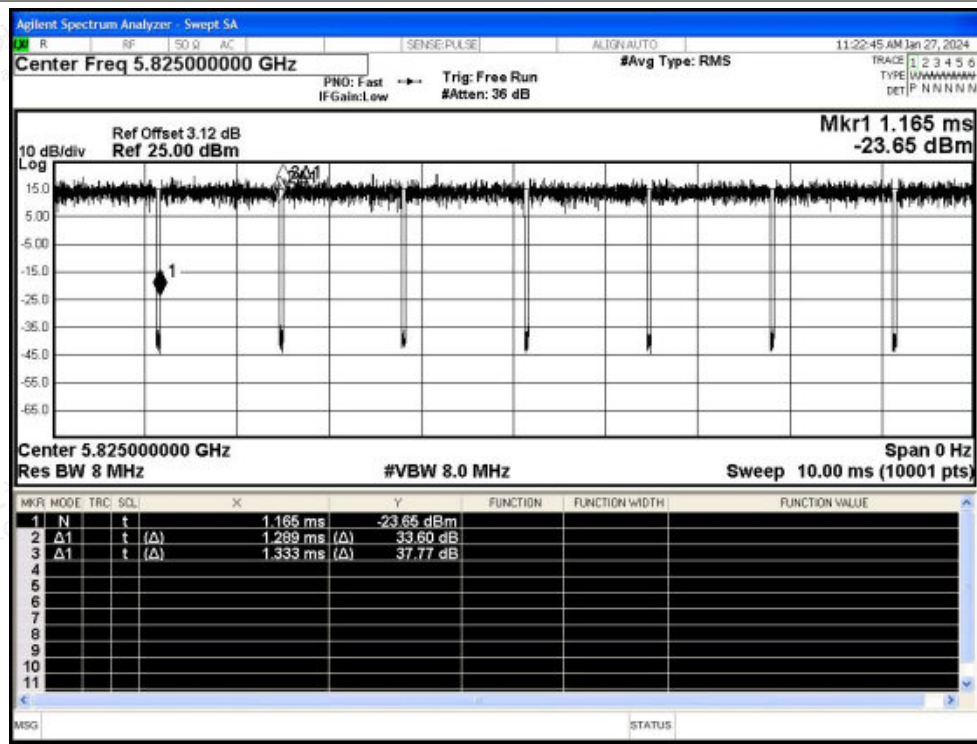
Scan code to check authenticity



## Duty Cycle NVNT n20 5785MHz Ant1



## Duty Cycle NVNT n20 5825MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

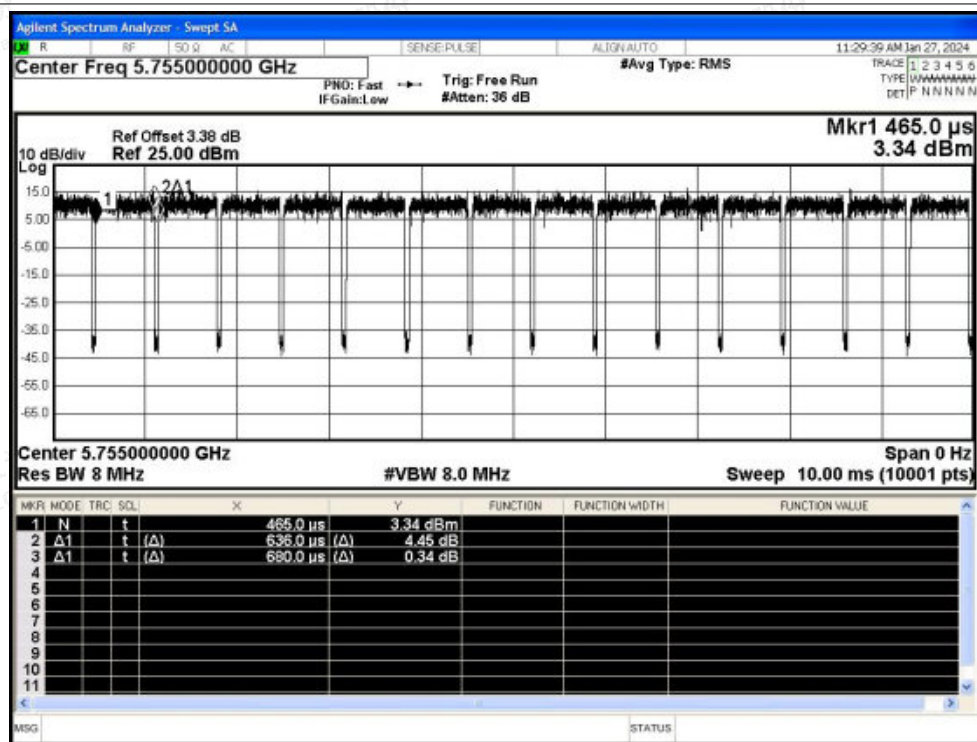
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

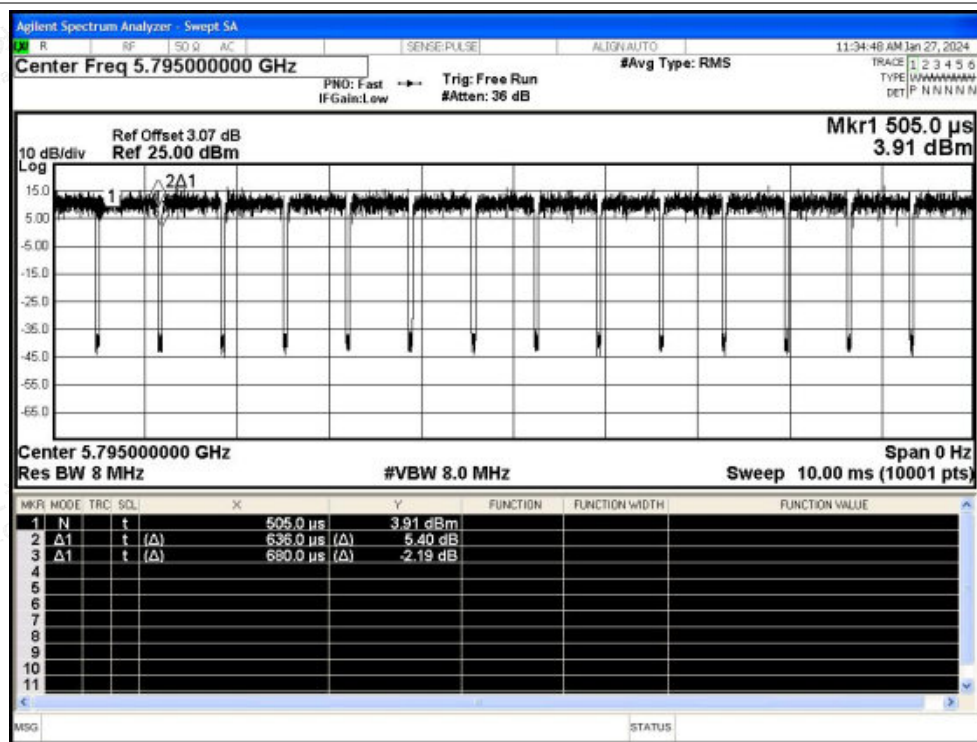
Scan code to check authenticity



## Duty Cycle NVNT n40 5755MHz Ant1



## Duty Cycle NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

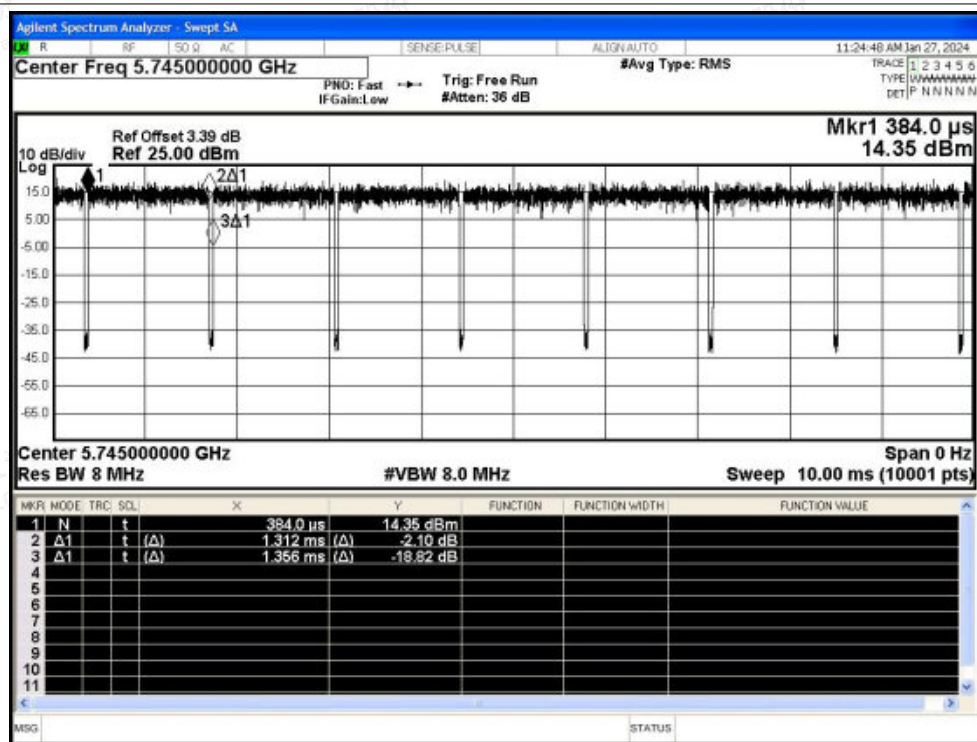
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

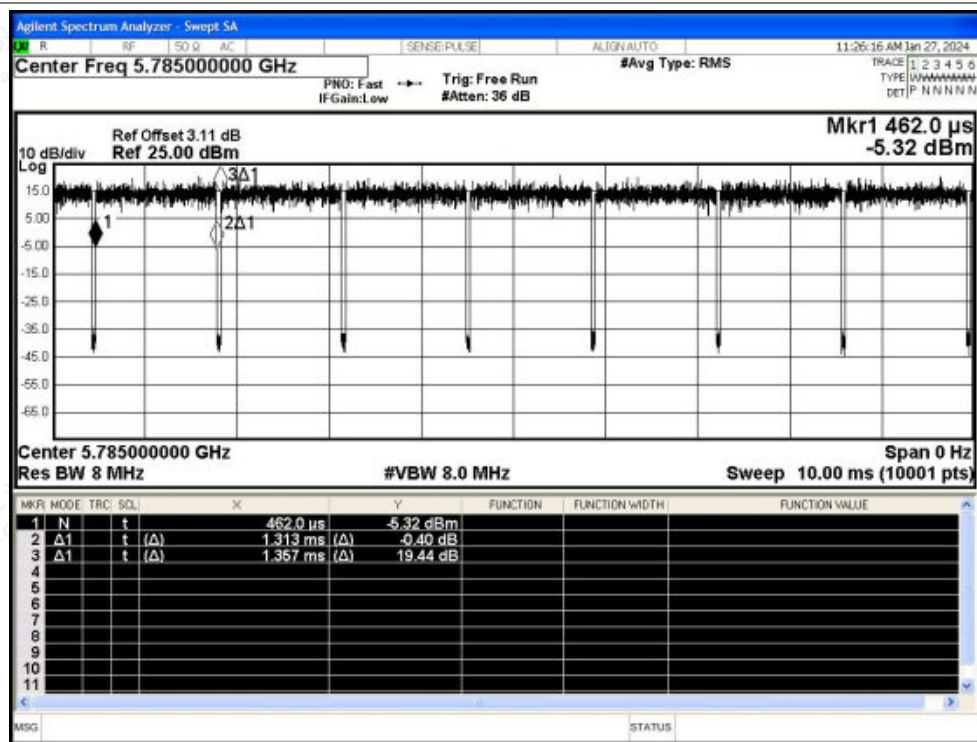
Scan code to check authenticity



## Duty Cycle NVNT ac20 5745MHz Ant1



## Duty Cycle NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

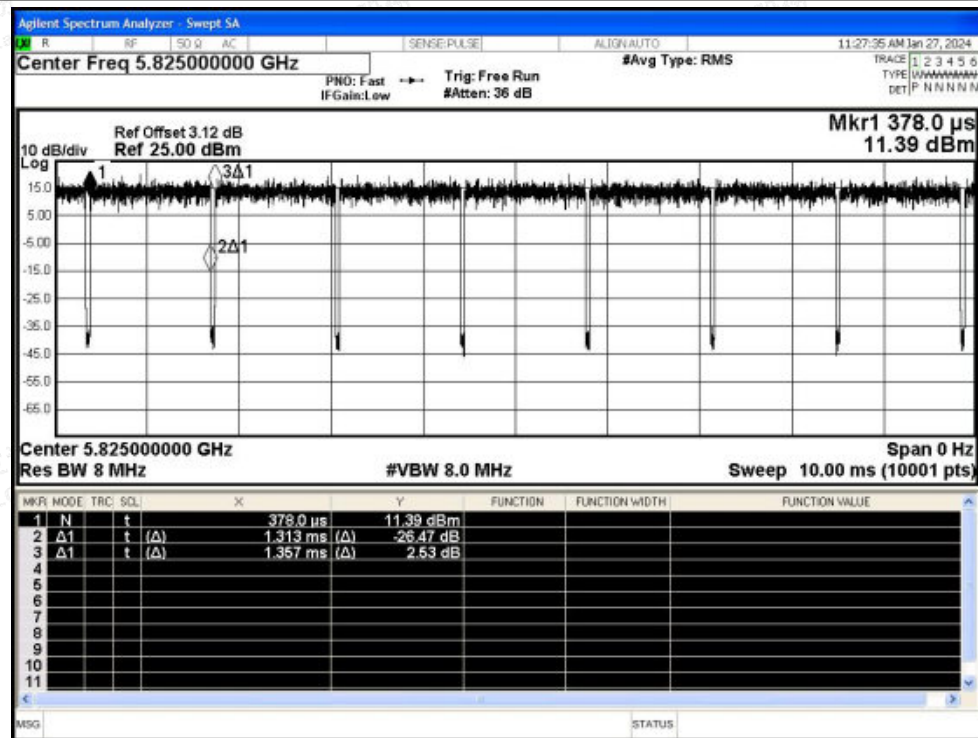
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

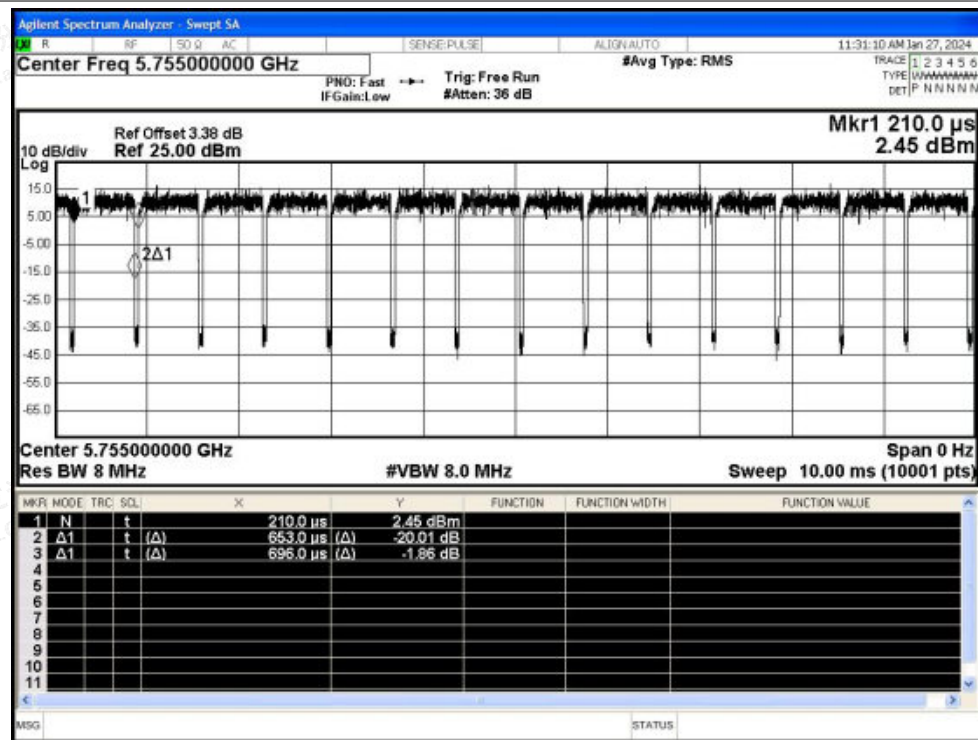
Scan code to check authenticity



## Duty Cycle NVNT ac20 5825MHz Ant1



## Duty Cycle NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

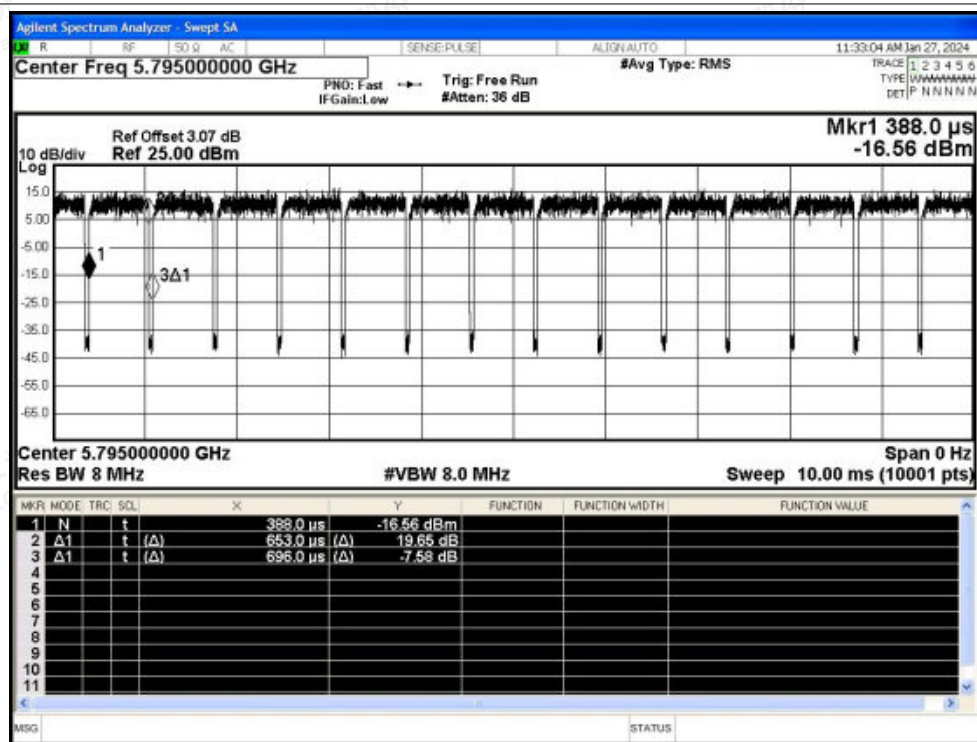
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

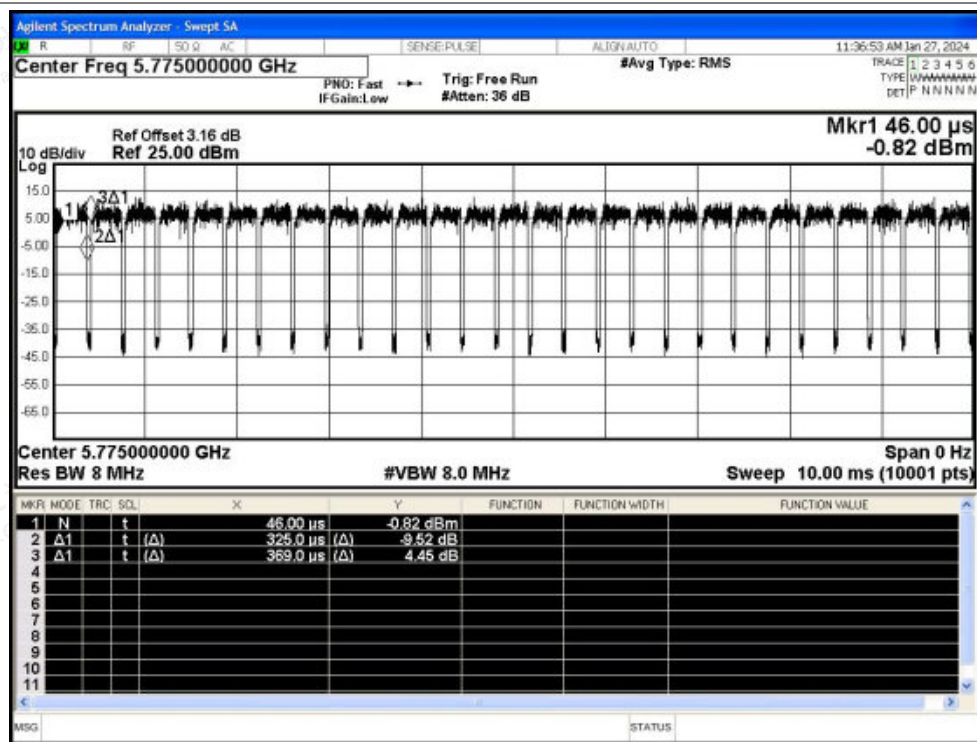
Scan code to check authenticity



## Duty Cycle NVNT ac40 5795MHz Ant1



## Duty Cycle NVNT ac80 5775MHz 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