



## Appendix E

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

**Product Name:** Handheld GNSS Receiver

**Test Model:** P6H

#### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.5° C    |
| Relative Humidity: | 52.4%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |



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## E.1 -6dB Bandwidth

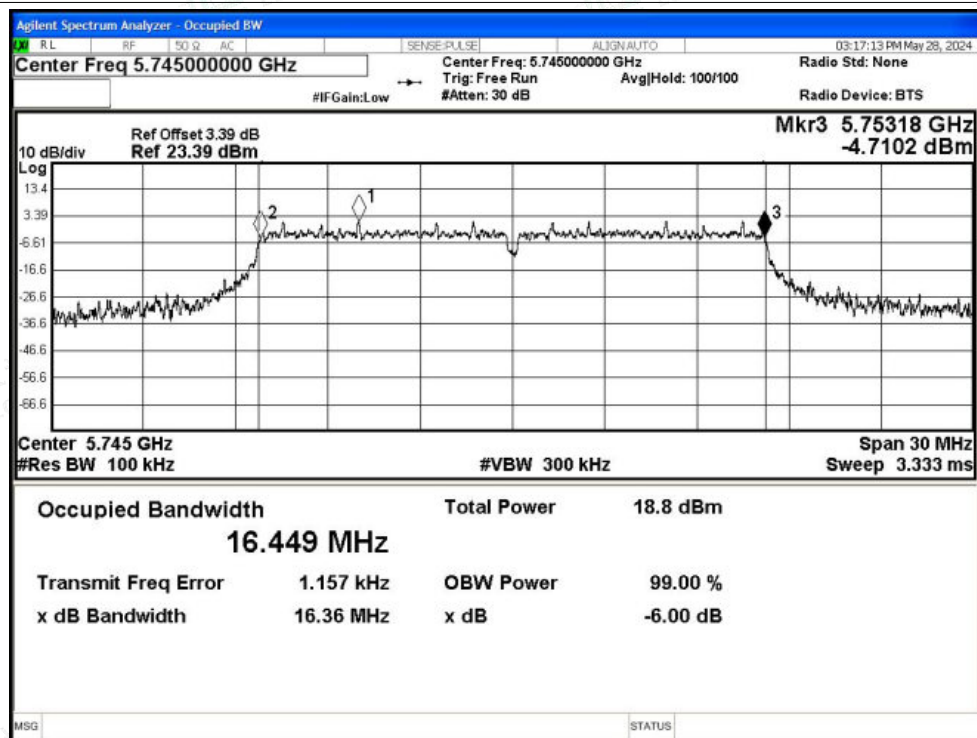
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.357                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.334                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.342                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.443                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.39                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.315                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.337                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.658                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.232                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.217                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.254                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 35.591                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.987                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.512                | $\geq 0.5$                  | Pass    |



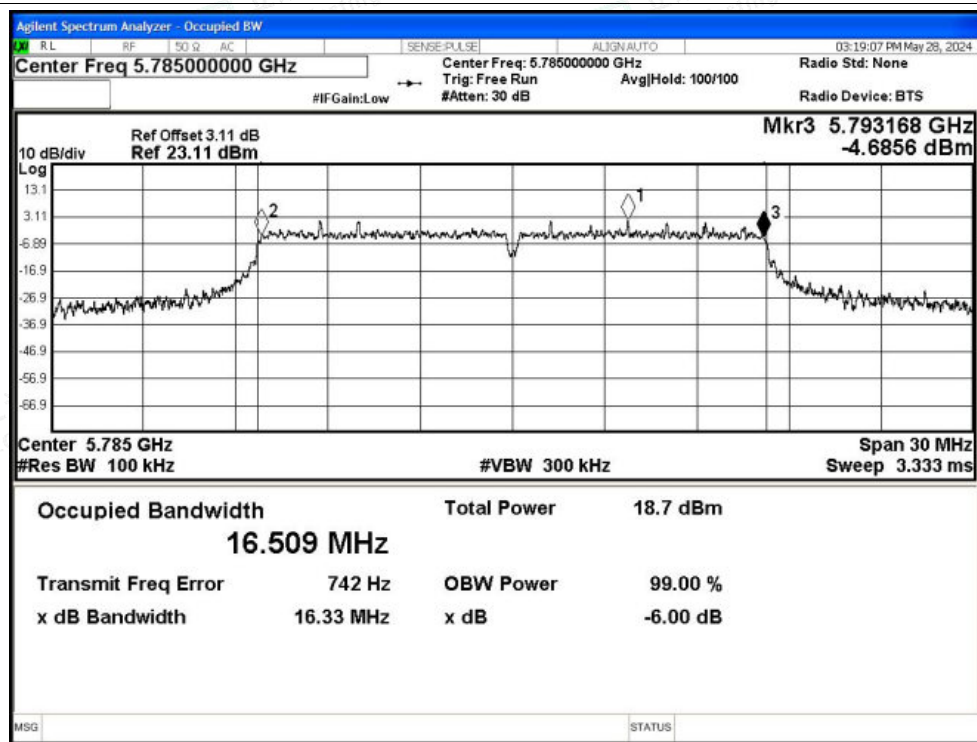


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



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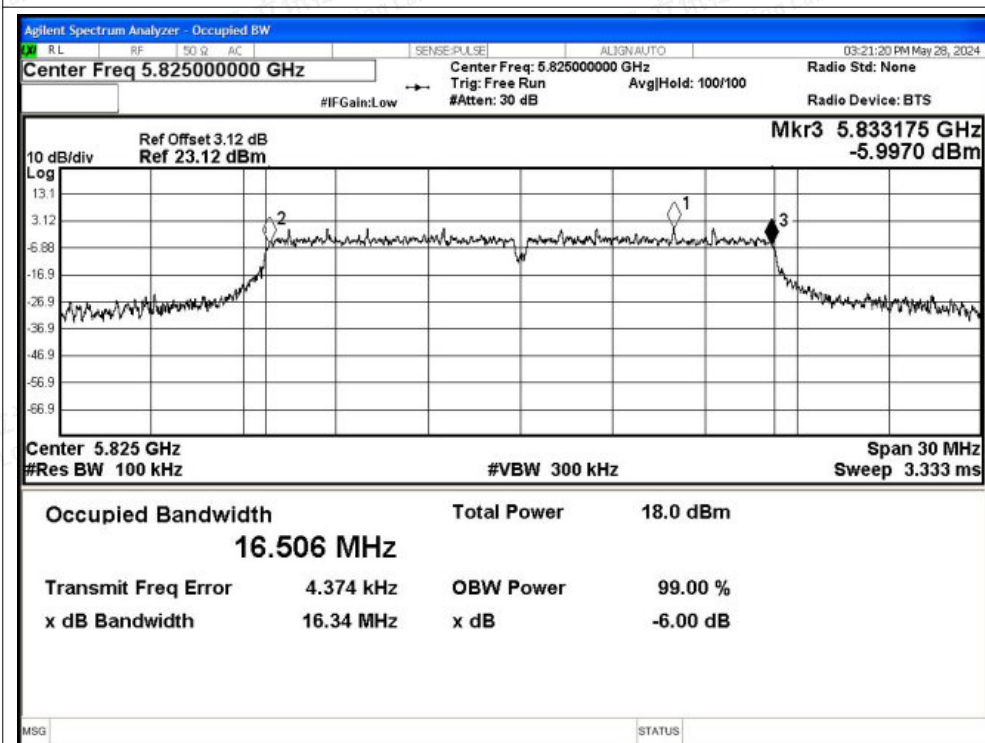
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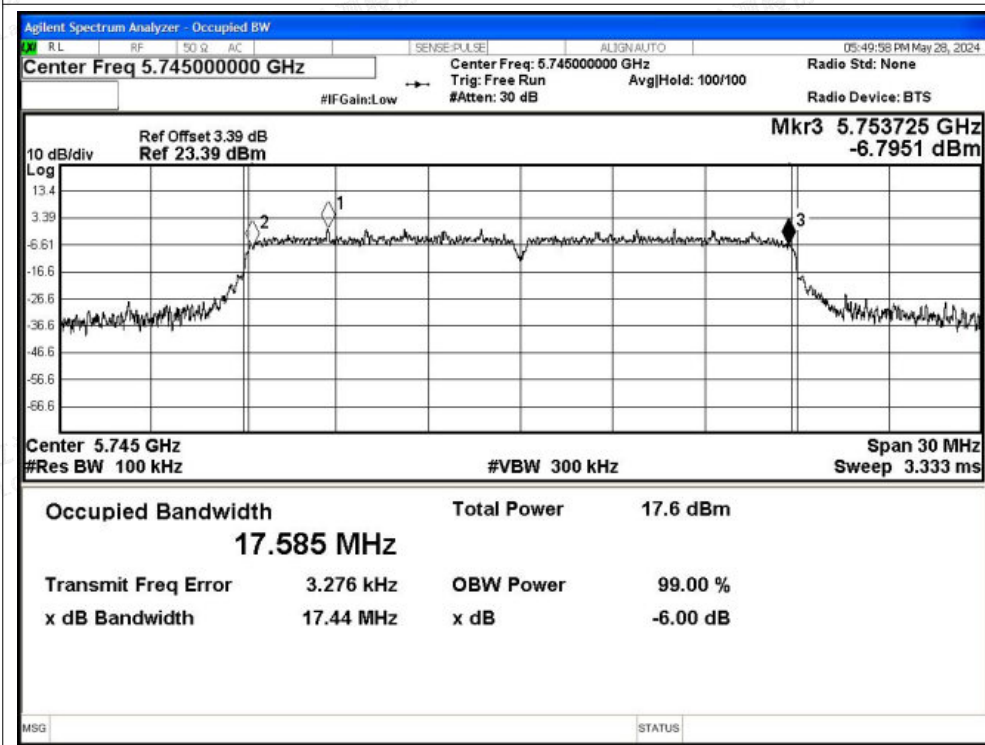
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-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



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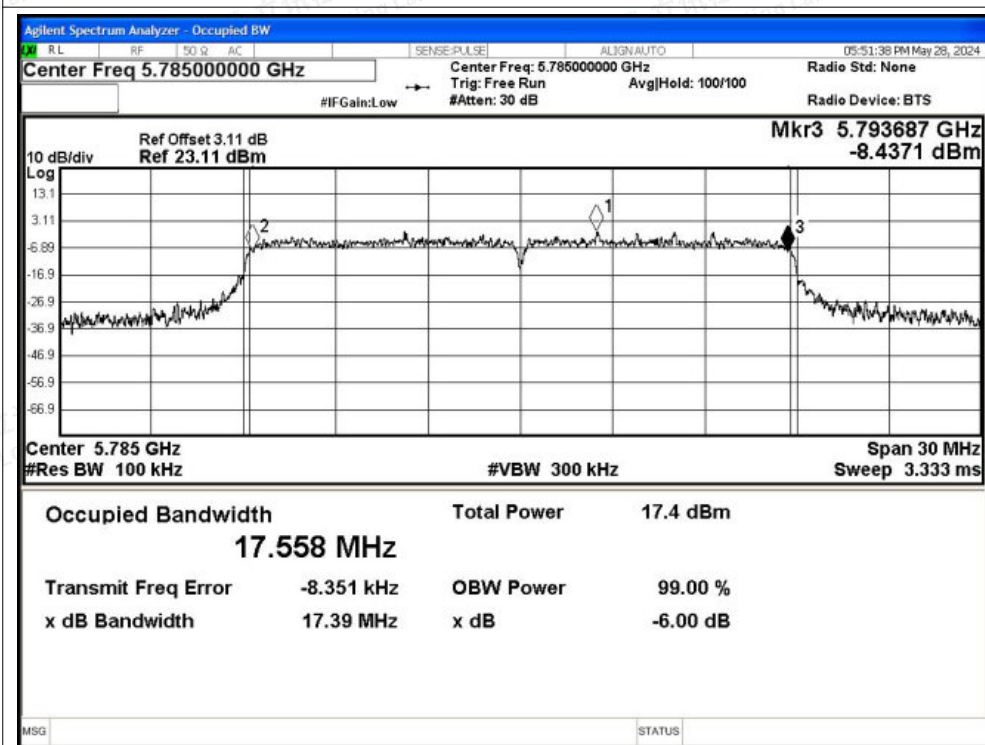
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

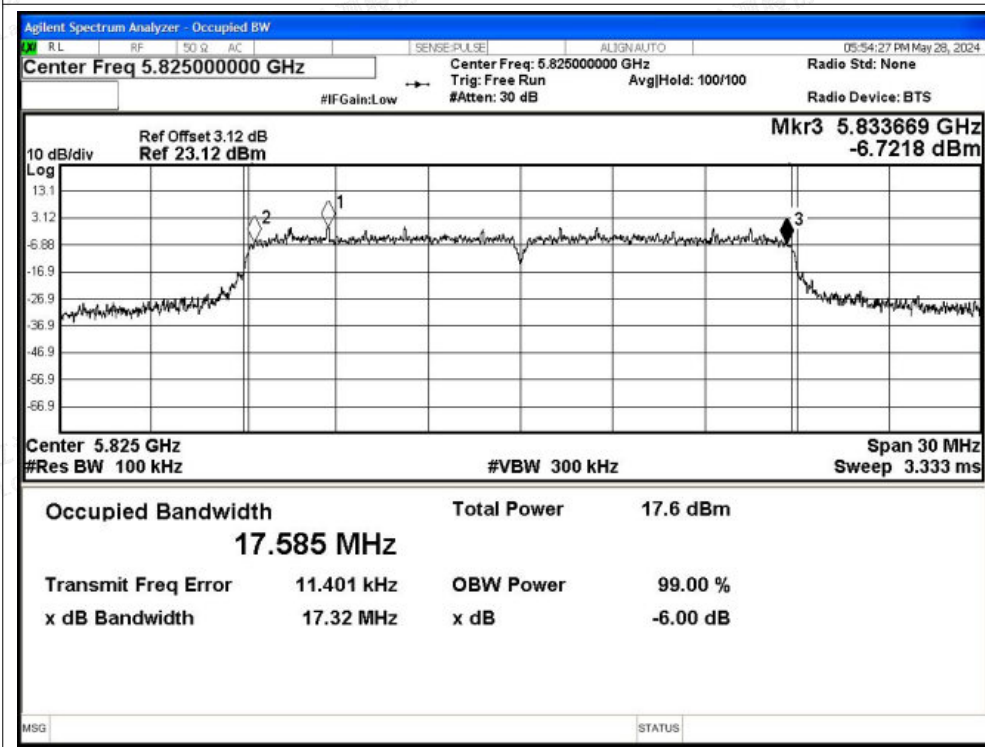
Scan code to check authenticity



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



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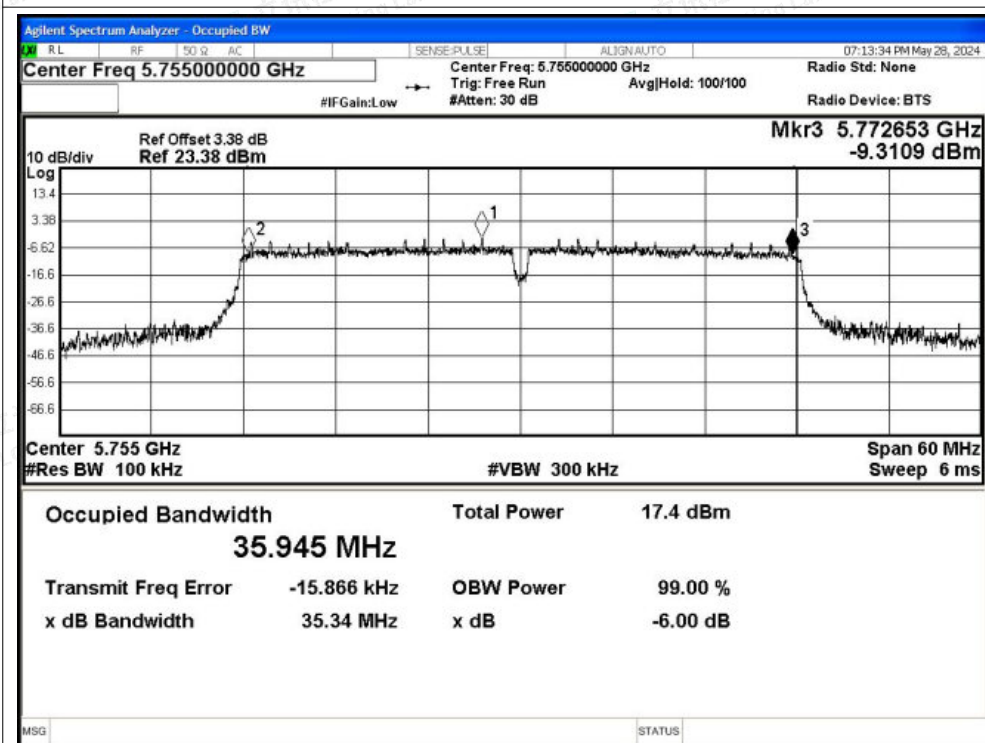
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

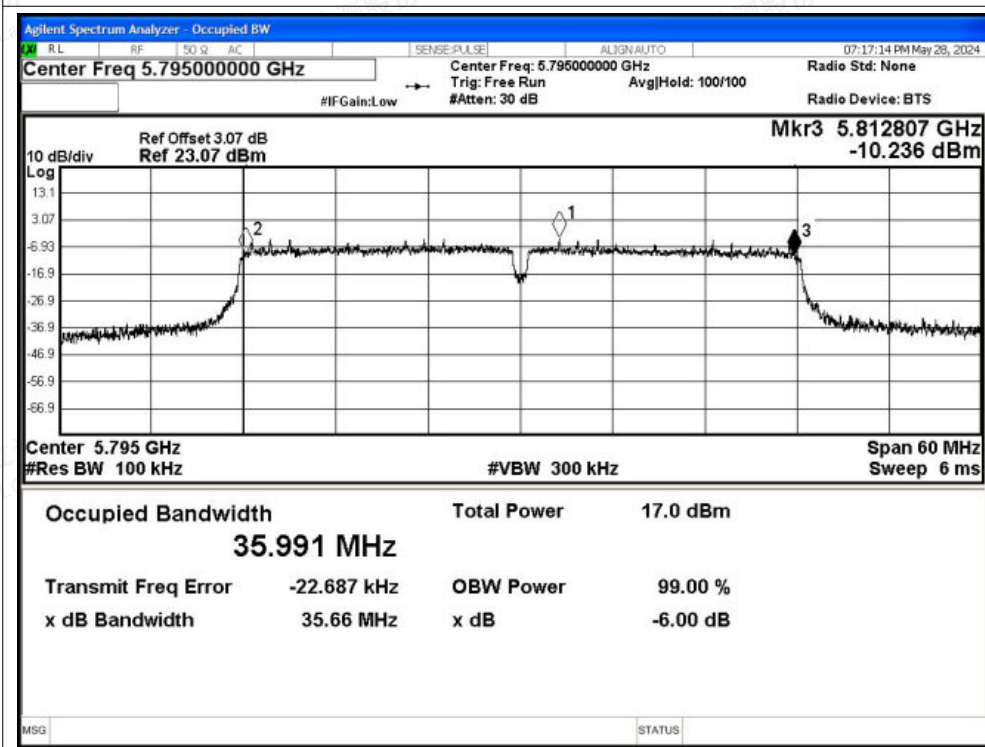
Scan code to check authenticity



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



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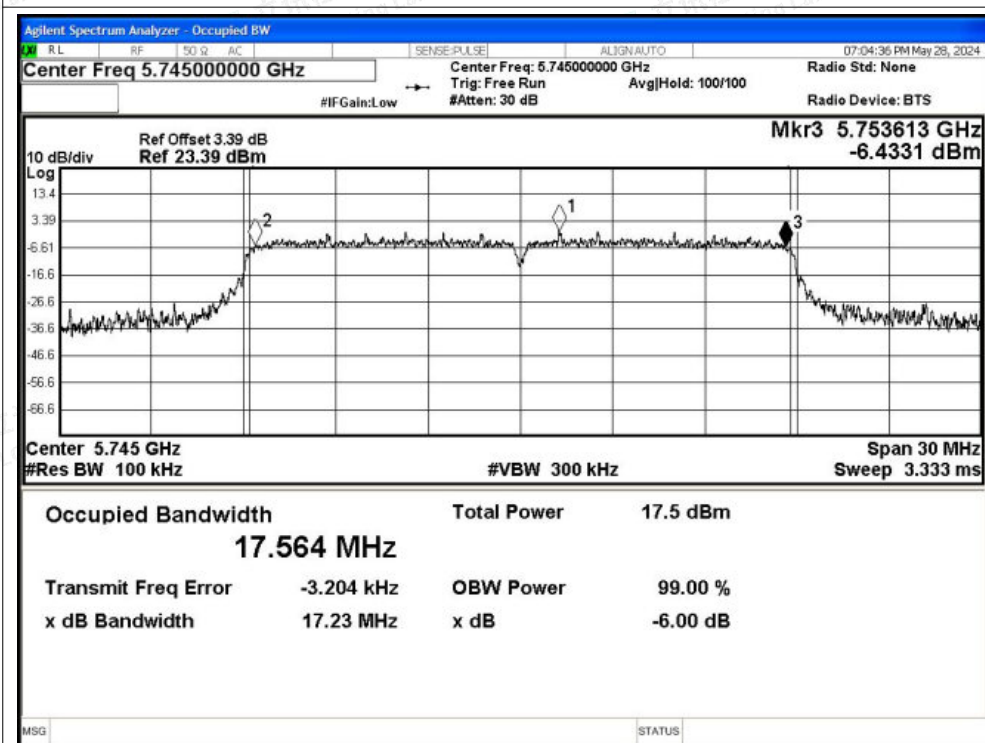
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

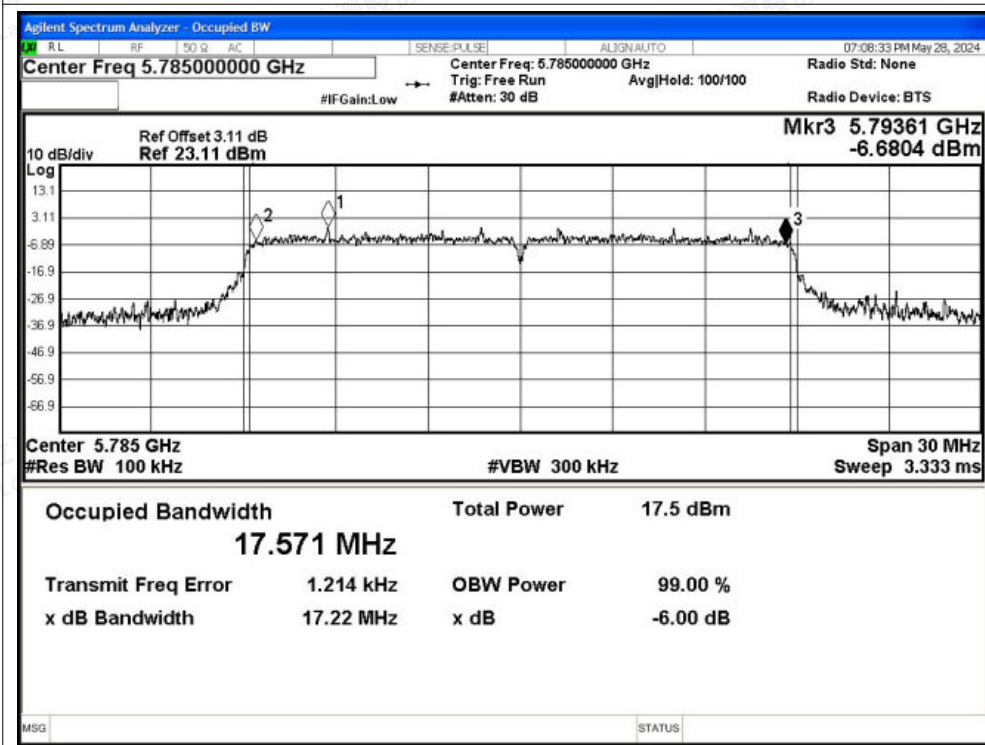
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



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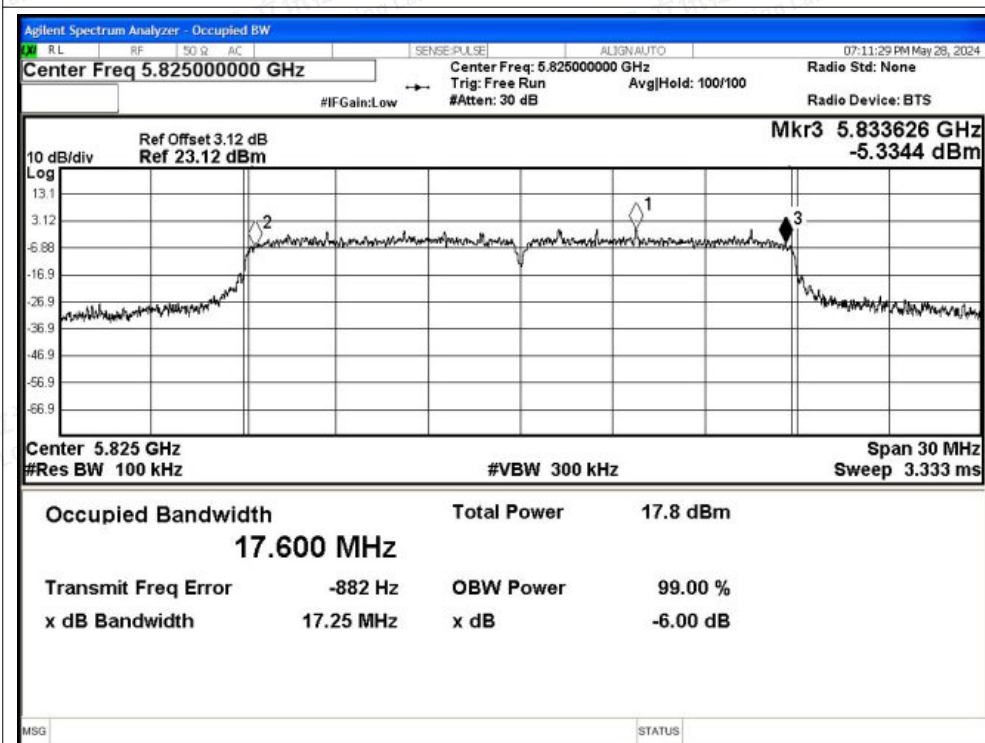
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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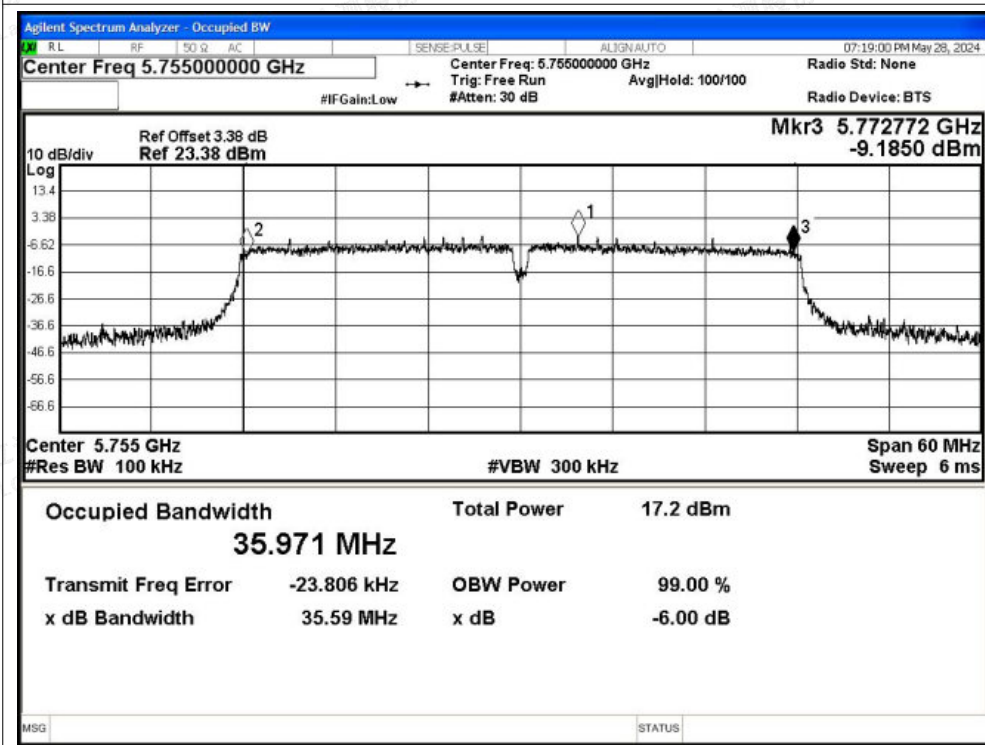
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



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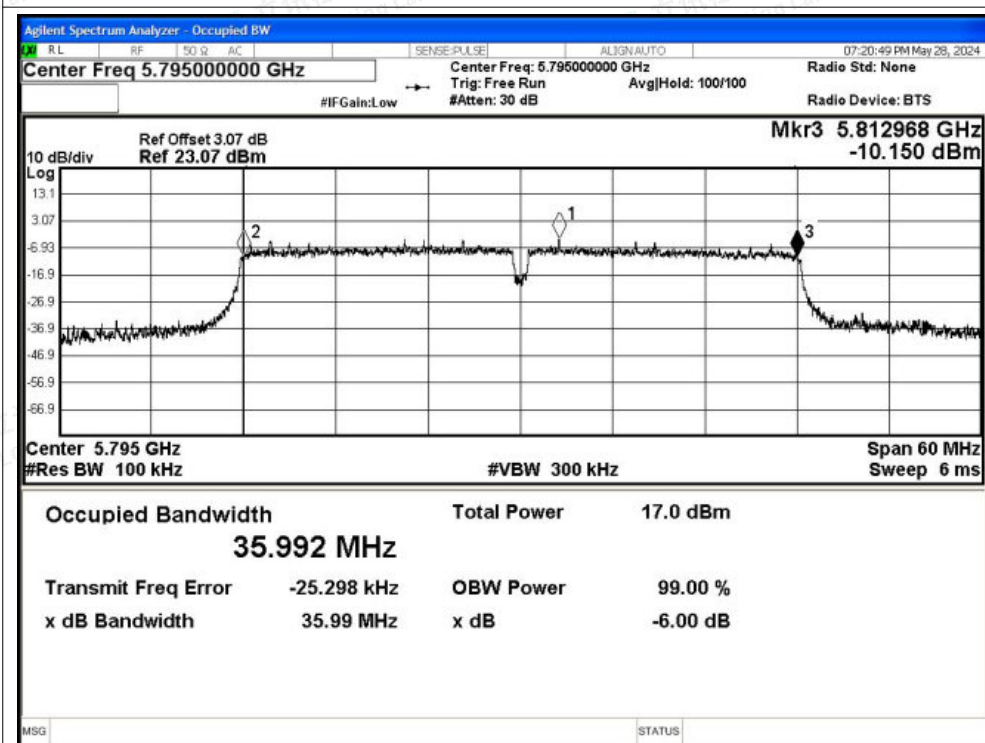
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

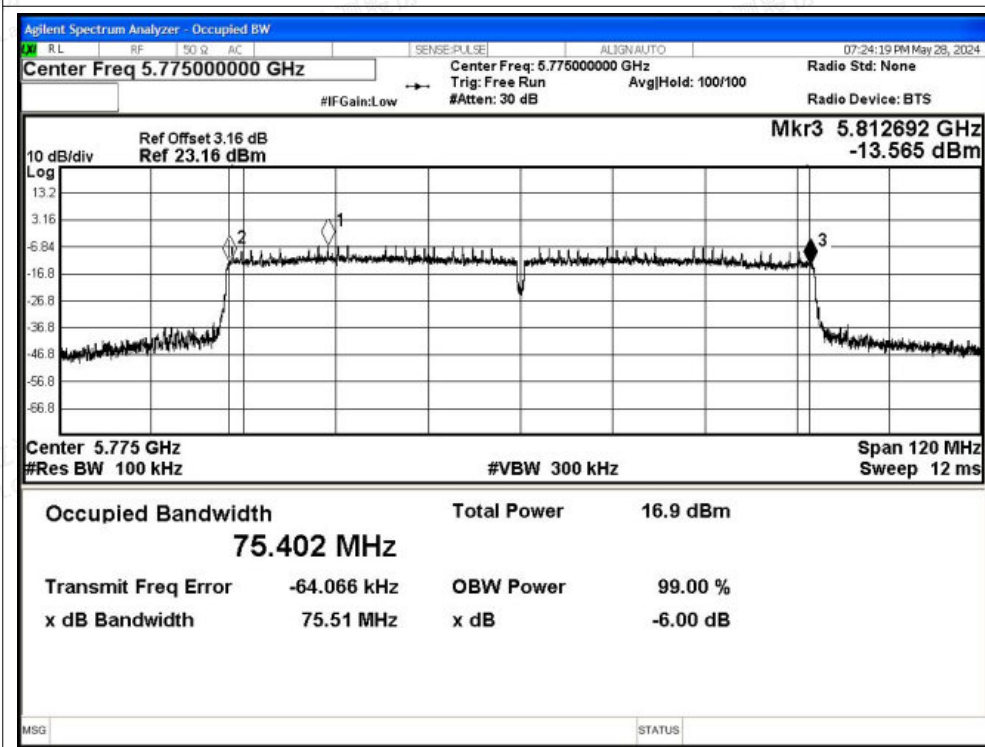
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## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz Ant1



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## 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    | 12.71                 | 0.24             | 12.95             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.65                 | 0.24             | 12.89             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 11.97                 | 0.24             | 12.21             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.08                 | 0.28             | 11.36             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 10.9                  | 0.28             | 11.18             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.01                 | 0.28             | 11.29             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 10.41                 | 0.24             | 10.65             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 10.4                  | 0.24             | 10.64             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 11.07                 | 0.28             | 11.35             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 11.14                 | 0.28             | 11.42             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 11.35                 | 0.28             | 11.63             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.69                 | 0.24             | 10.93             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.37                 | 0.24             | 10.61             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 9.59                  | 0.47             | 10.06             | 30          | Pass    |





### E.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -0.89                      | 0.24             | -0.65                  | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.84                      | 0.24             | -0.6                   | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant1    | -1.76                      | 0.24             | -1.52                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.57                      | 0.28             | -2.29                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.93                      | 0.28             | -2.65                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.56                      | 0.28             | -2.28                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -6.19                      | 0.24             | -5.95                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -6.49                      | 0.24             | -6.25                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -2.92                      | 0.28             | -2.64                  | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -2.74                      | 0.28             | -2.46                  | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -2.47                      | 0.28             | -2.19                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -5.83                      | 0.24             | -5.59                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -6.02                      | 0.24             | -5.78                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -9.5                       | 0.47             | -9.03                  | 30                 | Pass    |





## 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            | -48.88      | 2          | -                | -46.88           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -57.79      | 2          | 0.24             | -55.55           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -49.81      | 2          | -                | -47.81           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -57.94      | 2          | 0.24             | -55.7            | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -44.44      | 2          | -                | -42.44           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -56.09      | 2          | 0.24             | -53.85           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -38.12      | 2          | -                | -36.12           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -52.86      | 2          | 0.24             | -50.62           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -46.45      | 2          | -                | -44.45           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -56.11      | 2          | 0.24             | -53.87           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -49.43      | 2          | -                | -47.43           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -58.27      | 2          | 0.24             | -56.03           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -50.12      | 2          | -                | -48.12           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -58.57      | 2          | 0.24             | -56.33           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -48.9       | 2          | -                | -46.9            | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -57.57      | 2          | 0.24             | -55.33           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -51.4       | 2          | -                | -49.4            | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -57.51      | 2          | 0                | -55.51           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -49.45      | 2          | -                | -47.45           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -57.62      | 2          | 0                | -55.62           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -39.18      | 2          | -                | -37.18           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -50.7       | 2          | 0                | -48.7            | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -31.04      | 2          | -                | -29.04           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -43.26      | 2          | 0                | -41.26           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -33.36      | 2          | -                | -31.36           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -45.63      | 2          | 0.28             | -43.35           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -41.39      | 2          | -                | -39.39           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -52.88      | 2          | 0.28             | -50.6            | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -47.79      | 2          | -                | -45.79           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -55.89      | 2          | 0.28             | -53.61           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -47.5       | 2          | -                | -45.5            | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -56.55      | 2          | 0.28             | -54.27           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -49.92      | 2          | -                | -47.92           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -57.71      | 2          | 0.55             | -55.16           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -50         | 2          | -                | -48              | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -58.25      | 2          | 0.55             | -55.7            | Average  | 10          | Pass    |





|      |      |      |      |      |        |   |      |        |         |      |      |
|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5720 | -41.83 | 2 | -    | -39.83 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5720 | -54.26 | 2 | 0.55 | -51.71 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -37.76 | 2 | -    | -35.76 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -51.68 | 2 | 0.55 | -49.13 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -44.82 | 2 | -    | -42.82 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -53.91 | 2 | 0.24 | -51.67 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -43.79 | 2 | -    | -41.79 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -53.98 | 2 | 0.24 | -51.74 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -50.38 | 2 | -    | -48.38 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -57.61 | 2 | 0.24 | -55.37 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -49.31 | 2 | -    | -47.31 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -57.31 | 2 | 0.24 | -55.07 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -50.19 | 2 | -    | -48.19 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -58    | 2 | 0.28 | -55.72 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -49.44 | 2 | -    | -47.44 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -57.42 | 2 | 0.28 | -55.14 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -43.09 | 2 | -    | -41.09 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -53.18 | 2 | 0.28 | -50.9  | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -35.16 | 2 | -    | -33.16 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -51.55 | 2 | 0.28 | -49.27 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -33.6  | 2 | -    | -31.6  | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -46.26 | 2 | 0.28 | -43.98 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -41.08 | 2 | -    | -39.08 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -52.48 | 2 | 0.28 | -50.2  | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -47.54 | 2 | -    | -45.54 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -55.96 | 2 | 0.28 | -53.68 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -47.68 | 2 | -    | -45.68 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -56.21 | 2 | 0.28 | -53.93 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -50.56 | 2 | -    | -48.56 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -58.18 | 2 | 0.24 | -55.94 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -50.1  | 2 | -    | -48.1  | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -57.84 | 2 | 0.24 | -55.6  | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -42.74 | 2 | -    | -40.74 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -53.77 | 2 | 0.24 | -51.53 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -40.59 | 2 | -    | -38.59 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -51.13 | 2 | 0.24 | -48.89 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -50.05 | 2 | -    | -48.05 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -58.23 | 2 | 0.24 | -55.99 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -49.42 | 2 | -    | -47.42 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -58.52 | 2 | 0.24 | -56.28 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -51.13 | 2 | -    | -49.13 | Peak    | 10   | Pass |





|      |      |      |      |      |        |   |      |        |         |      |      |
|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5875 | -58.45 | 2 | 0.24 | -56.21 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -50.76 | 2 | -    | -48.76 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -57.87 | 2 | 0.24 | -55.63 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -50.93 | 2 | -    | -48.93 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -57.69 | 2 | 0.47 | -55.22 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -48.71 | 2 | -    | -46.71 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -57.82 | 2 | 0.47 | -55.35 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -41.69 | 2 | -    | -39.69 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -54.26 | 2 | 0.47 | -51.79 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -41.98 | 2 | -    | -39.98 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -54.13 | 2 | 0.47 | -51.66 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -49.19 | 2 | -    | -47.19 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -58.13 | 2 | 0.47 | -55.66 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -50.19 | 2 | -    | -48.19 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -58.1  | 2 | 0.47 | -55.63 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -48.84 | 2 | -    | -46.84 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -58.35 | 2 | 0.47 | -55.88 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -50.32 | 2 | -    | -48.32 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -58.37 | 2 | 0.47 | -55.9  | 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.

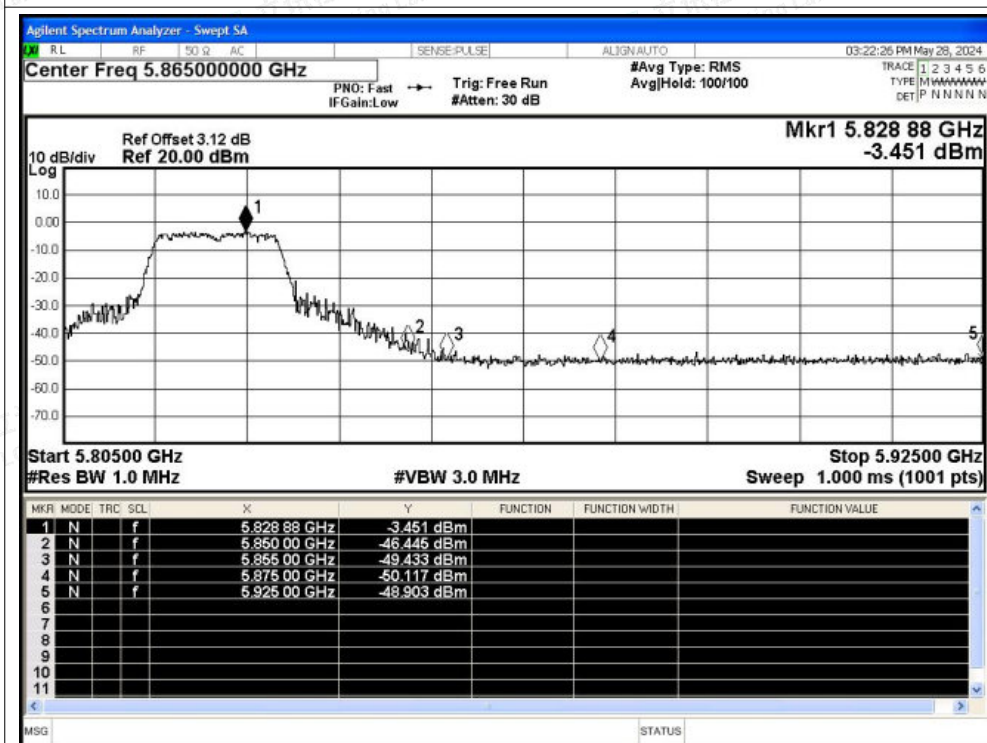
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

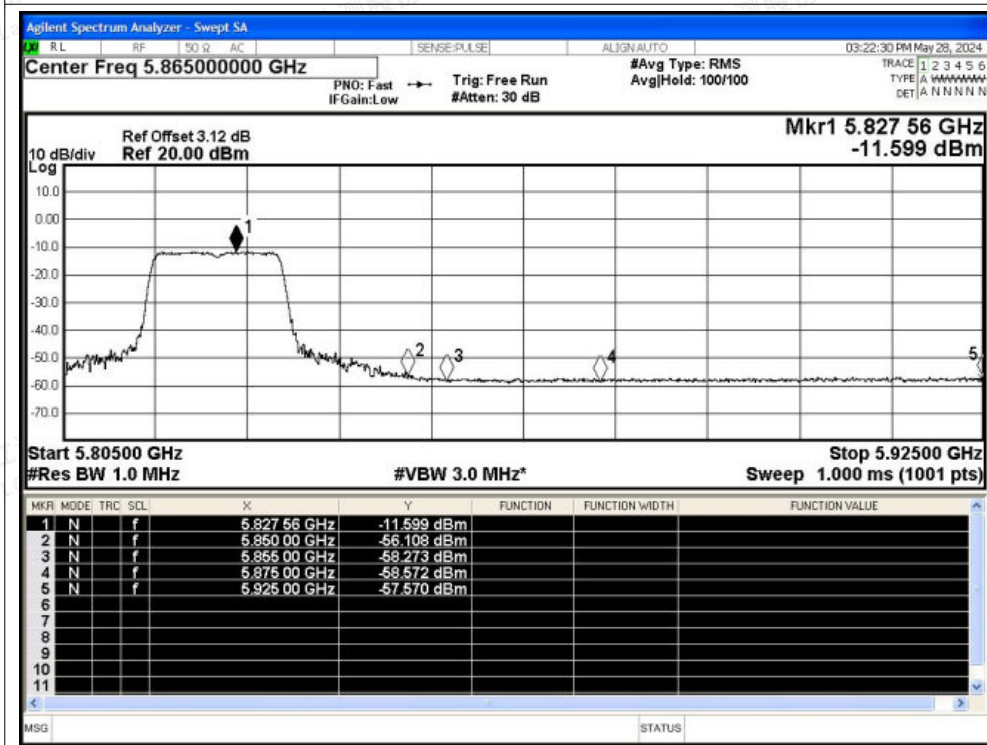
Scan code to check authenticity



## Restrict Band NVNT a 5825MHz Ant1 Peak



## Restrict Band NVNT a 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

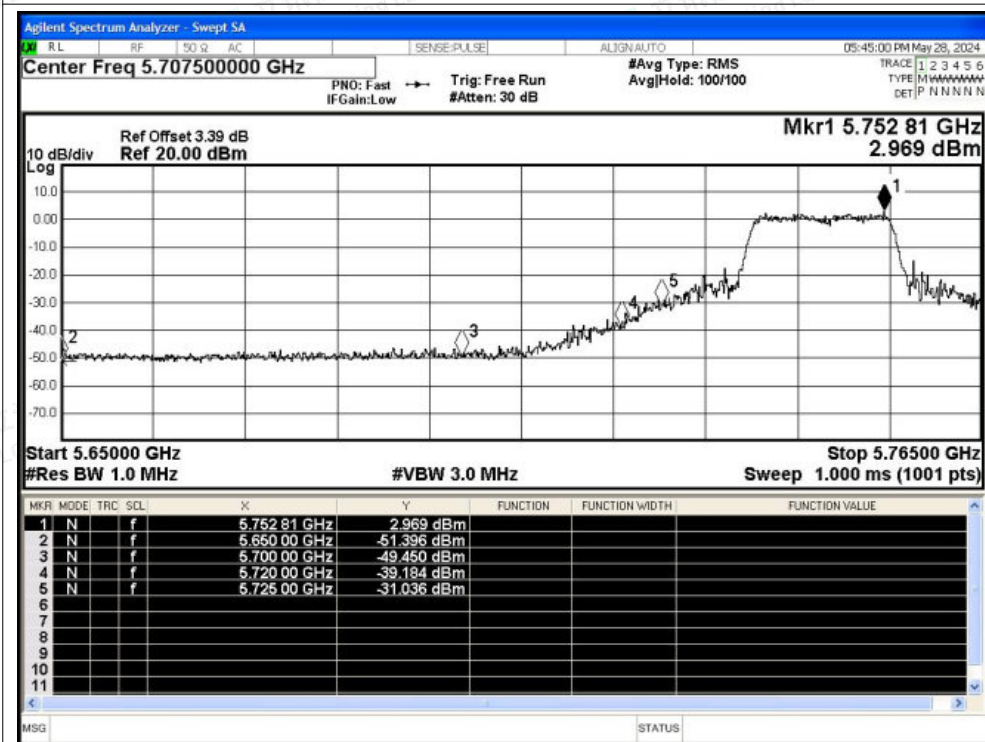
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

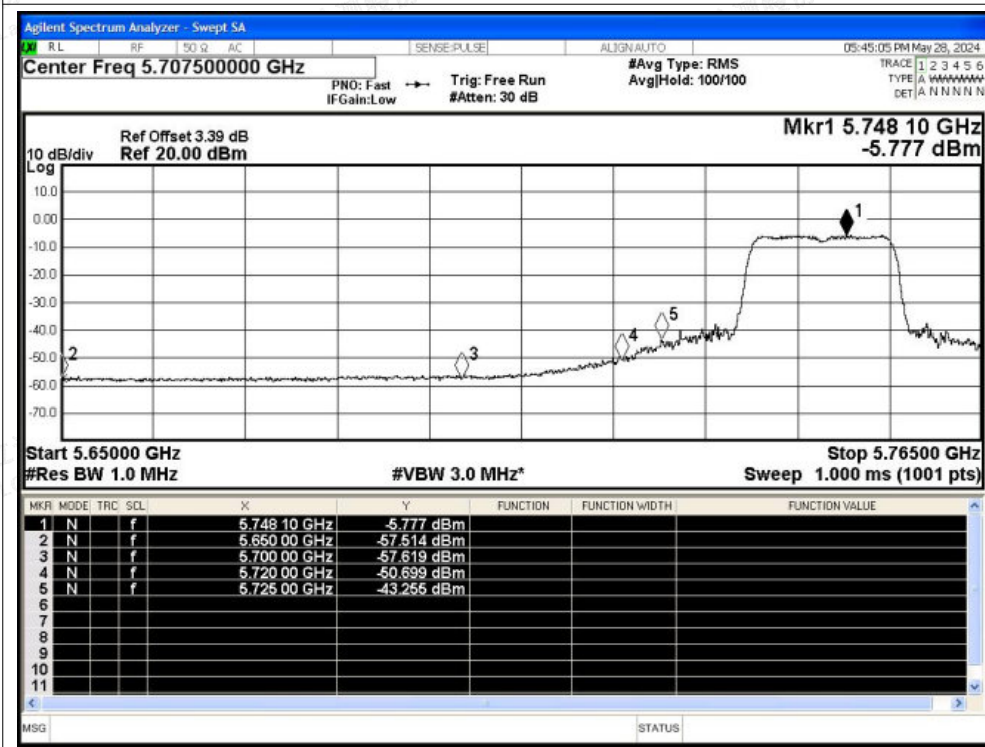
Scan code to check authenticity



## Restrict Band NVNT n20 5745MHz Ant1 Peak



## Restrict Band NVNT n20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

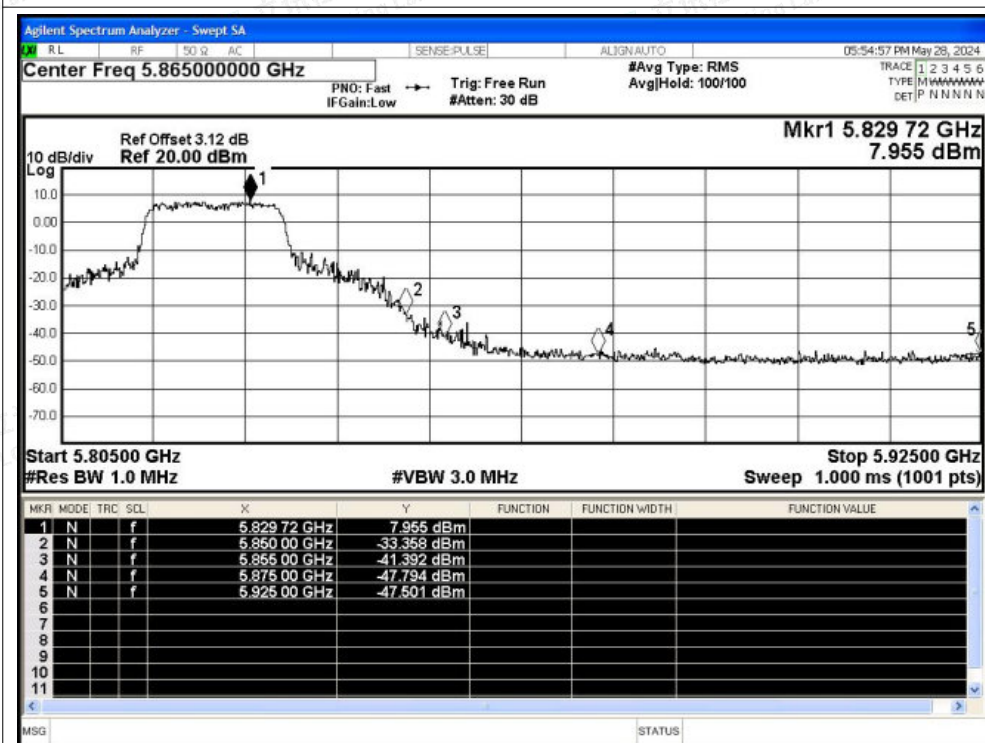
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

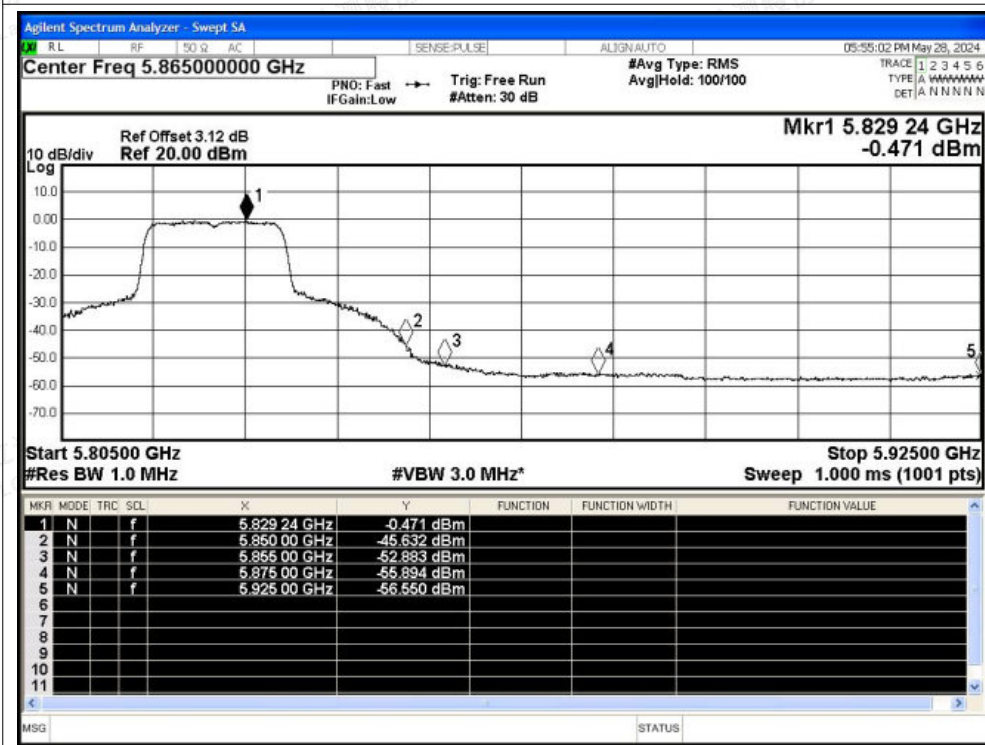
Scan code to check authenticity



## Restrict Band NVNT n20 5825MHz Ant1 Peak



## Restrict Band NVNT n20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

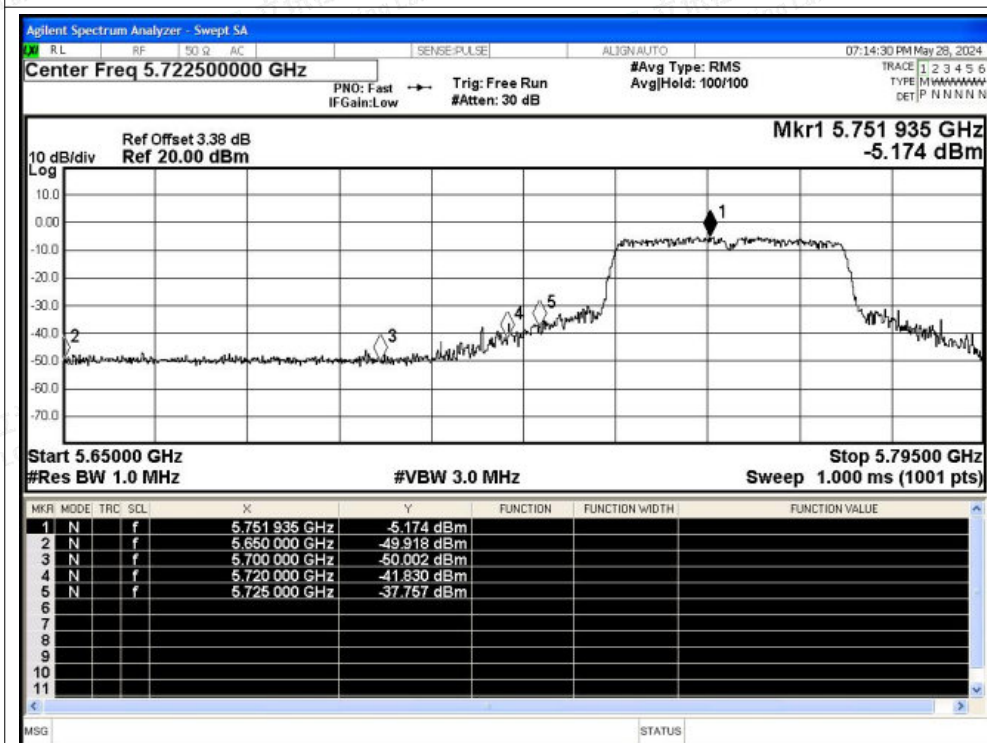
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

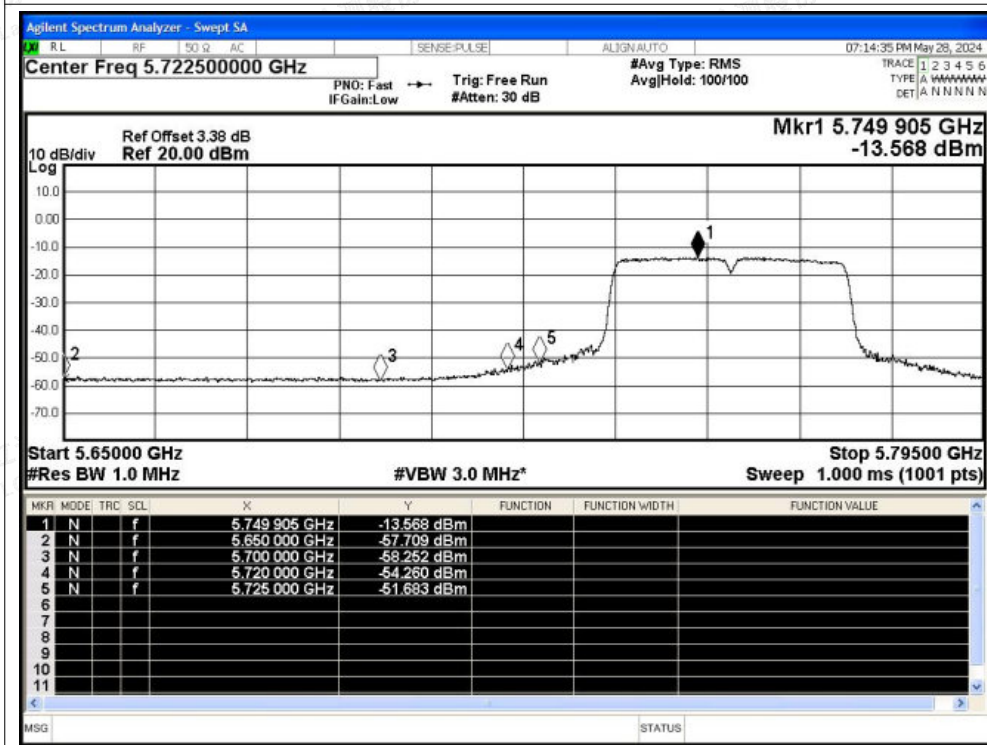
Scan code to check authenticity



## Restrict Band NVNT n40 5755MHz Ant1 Peak



## Restrict Band NVNT n40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

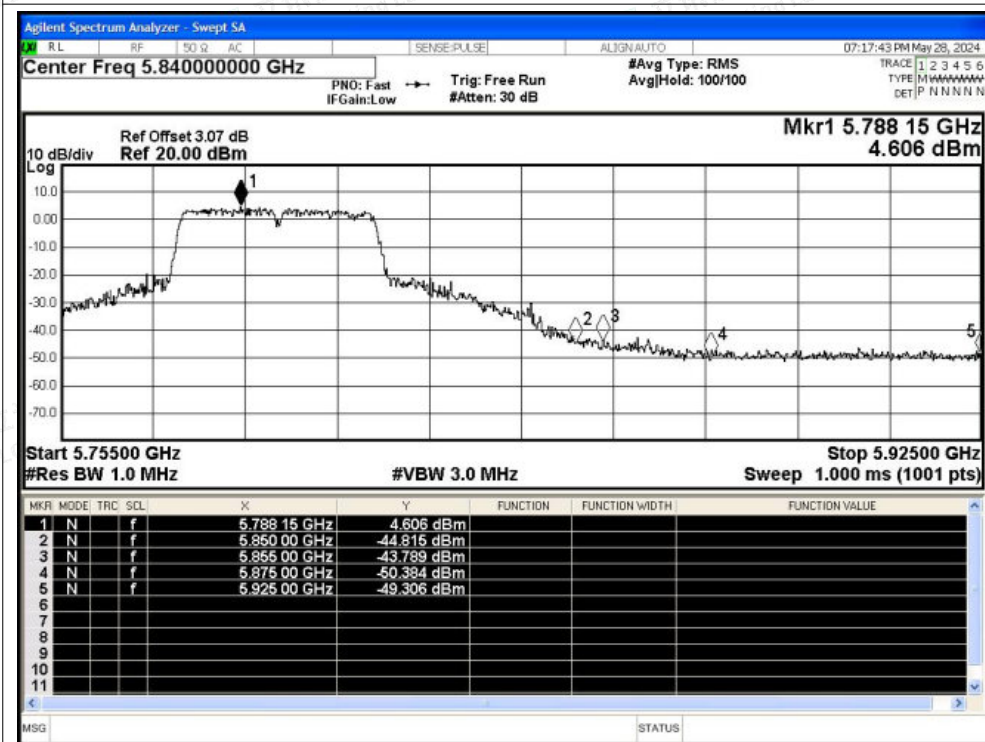
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

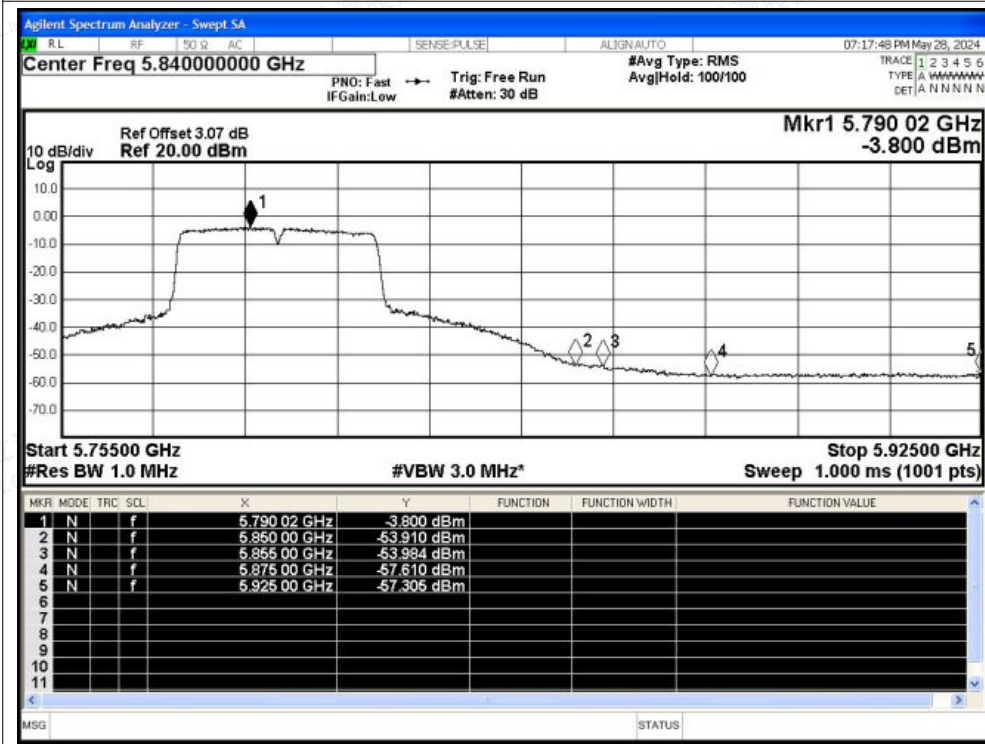
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

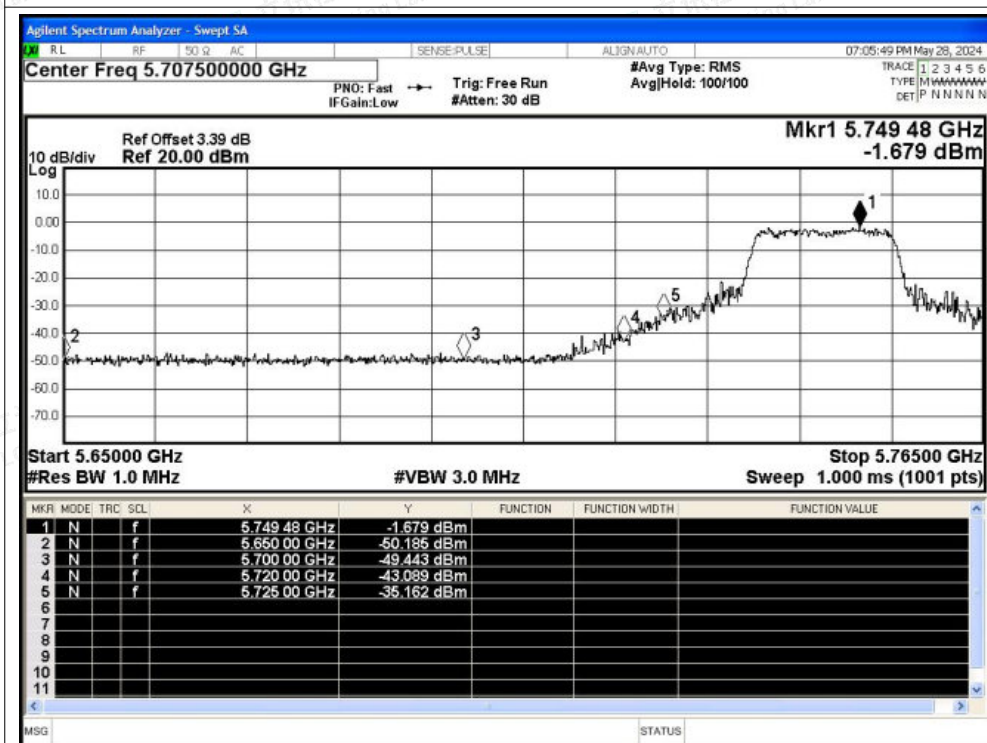
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

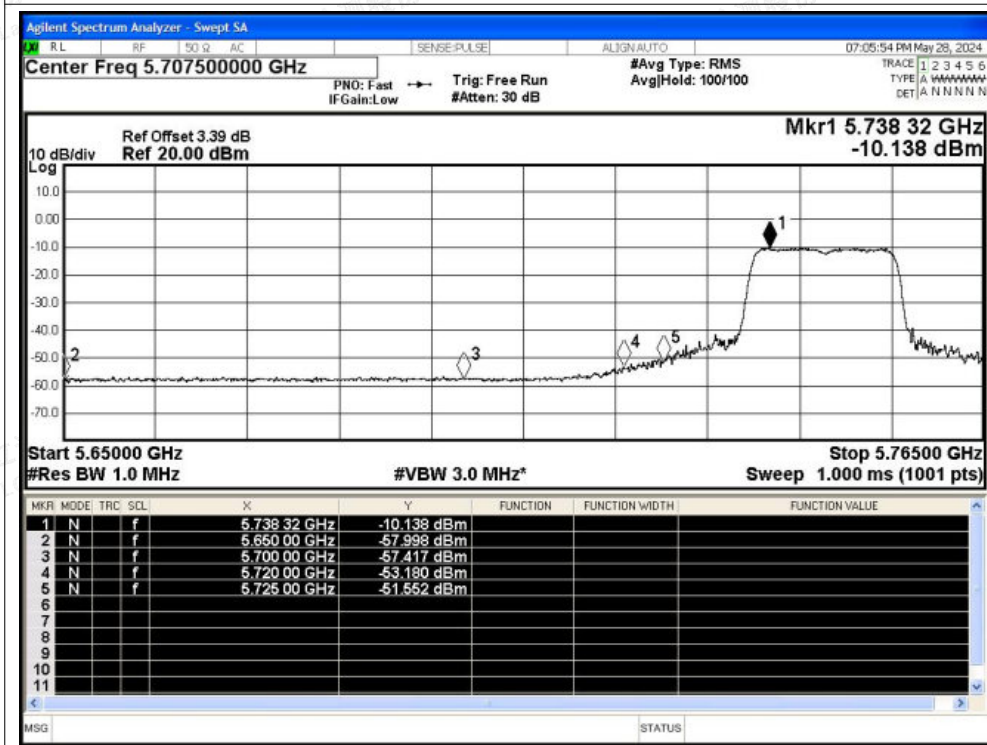
Scan code to check authenticity



## Restrict Band NVNT ac20 5745MHz Ant1 Peak



## Restrict Band NVNT ac20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

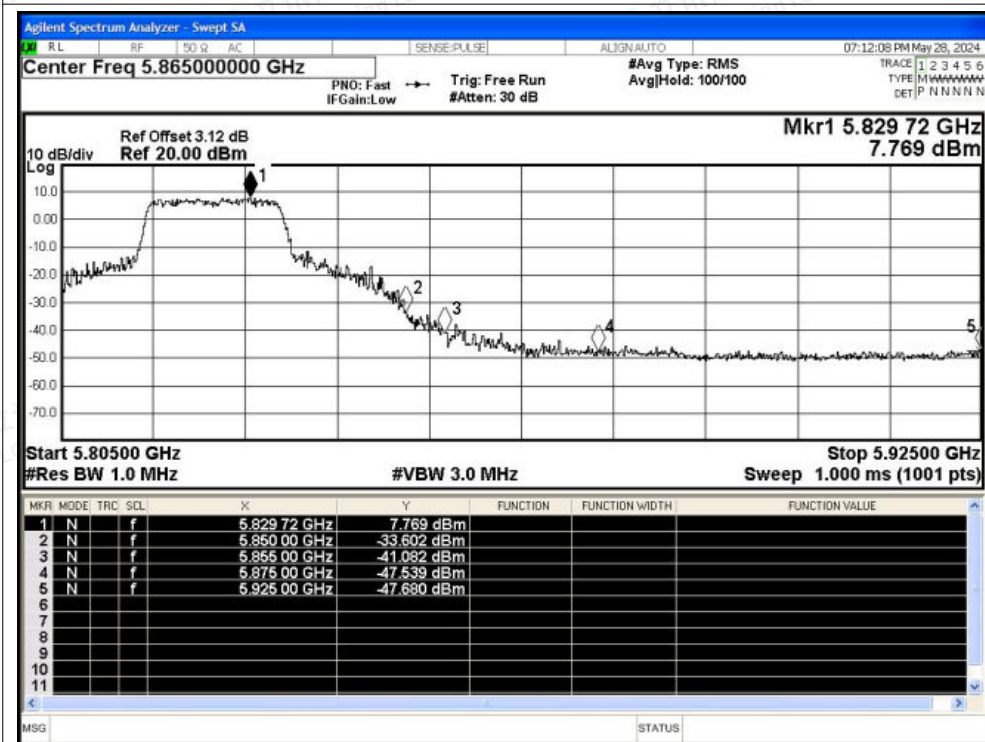
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

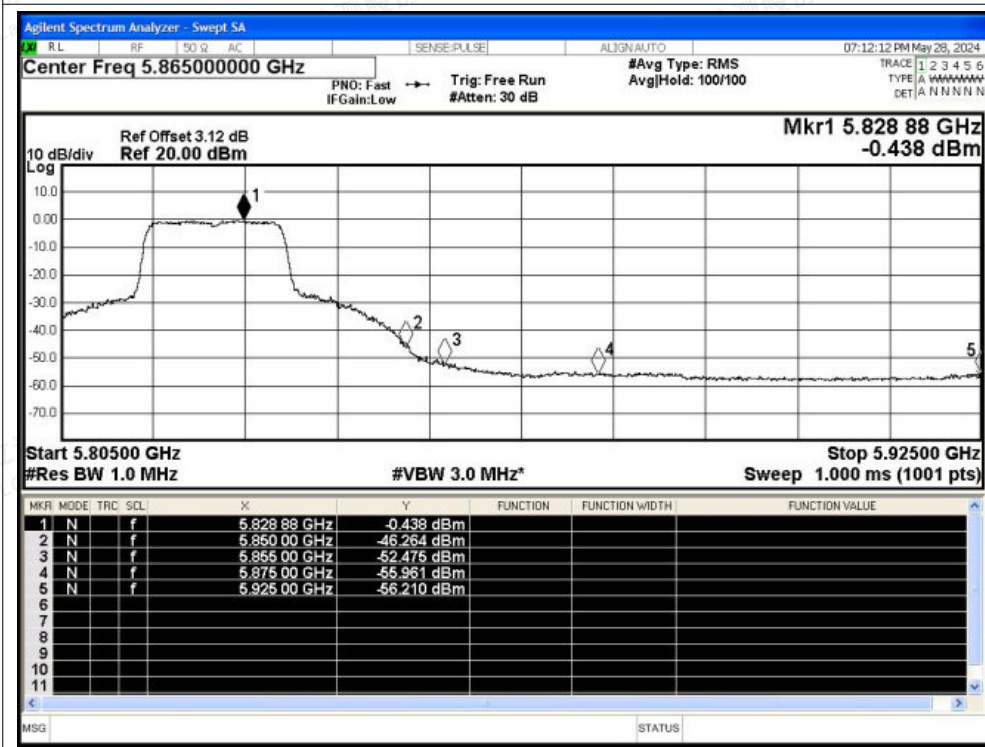
Scan code to check authenticity



## Restrict Band NVNT ac20 5825MHz Ant1 Peak



## Restrict Band NVNT ac20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

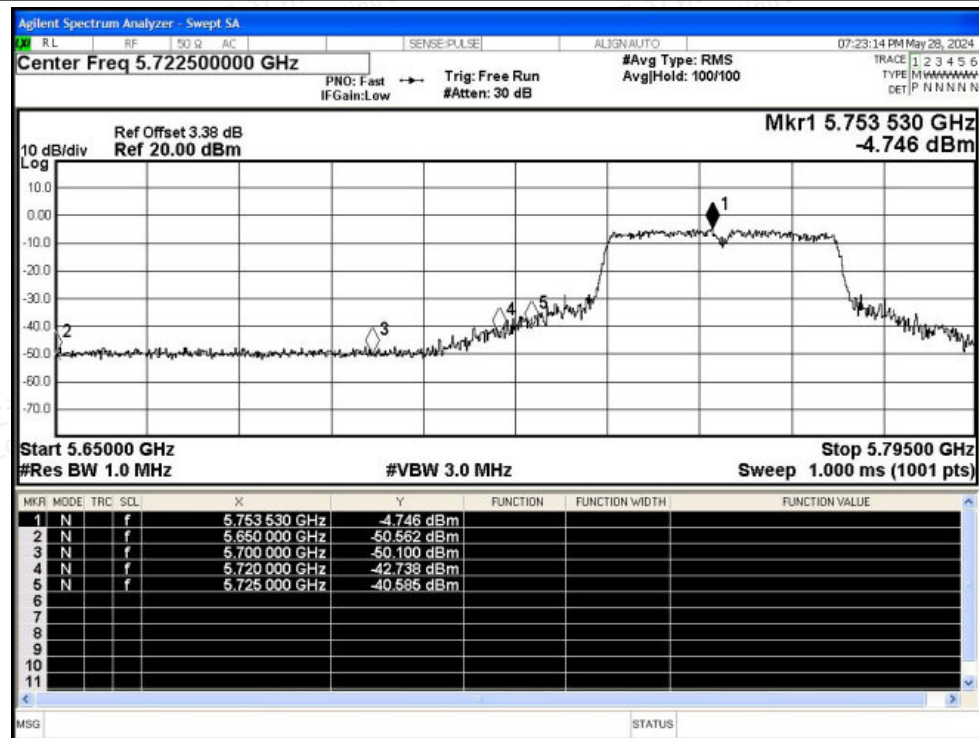
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

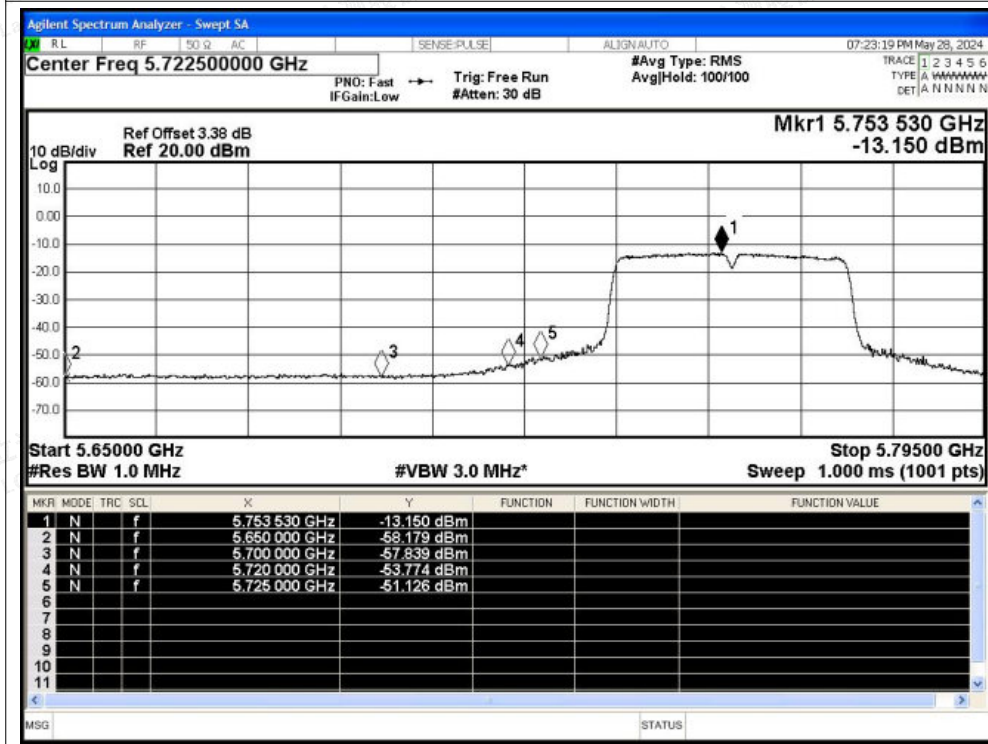
Scan code to check authenticity



## Restrict Band NVNT ac40 5755MHz Ant1 Peak

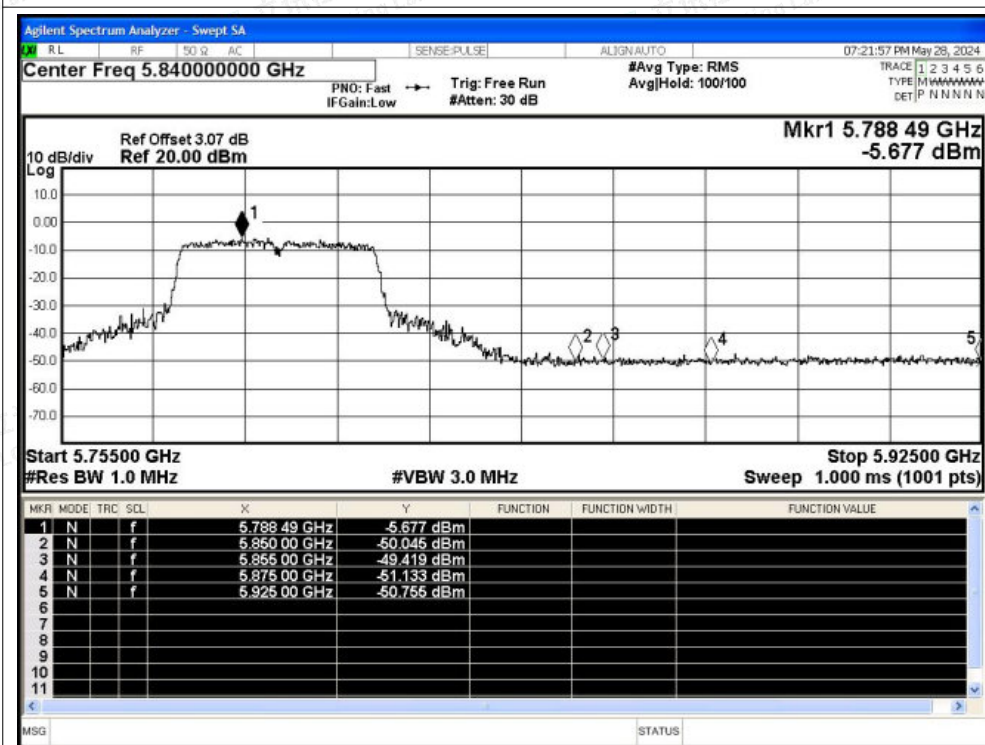


## Restrict Band NVNT ac40 5755MHz Ant1 Average

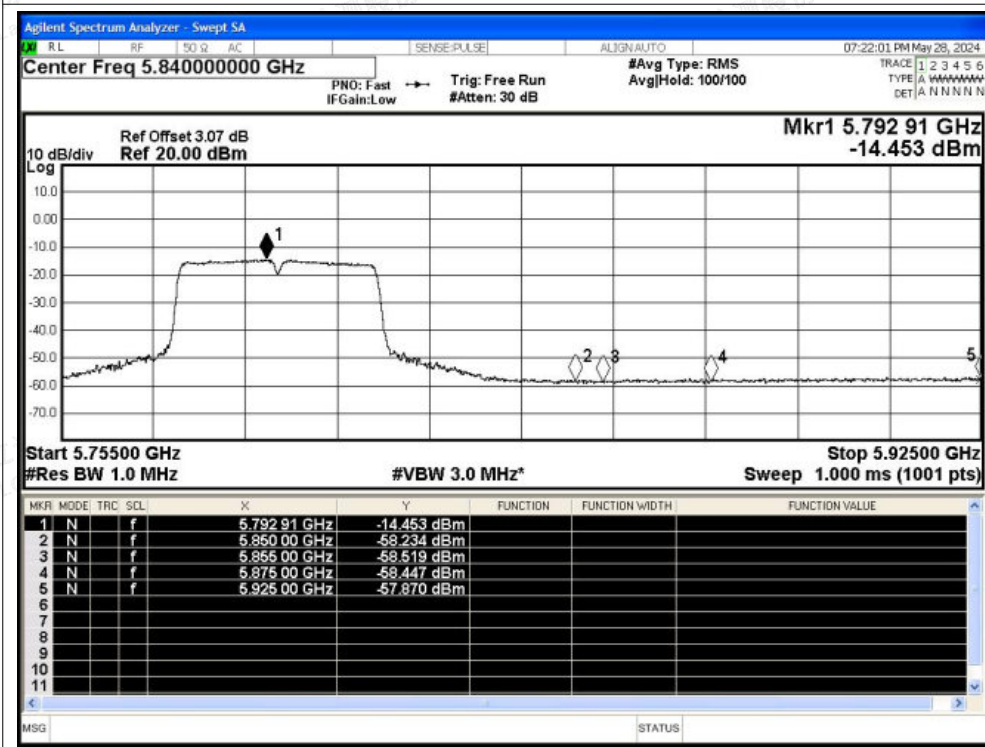




## Restrict Band NVNT ac40 5795MHz Ant1 Peak



## Restrict Band NVNT ac40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

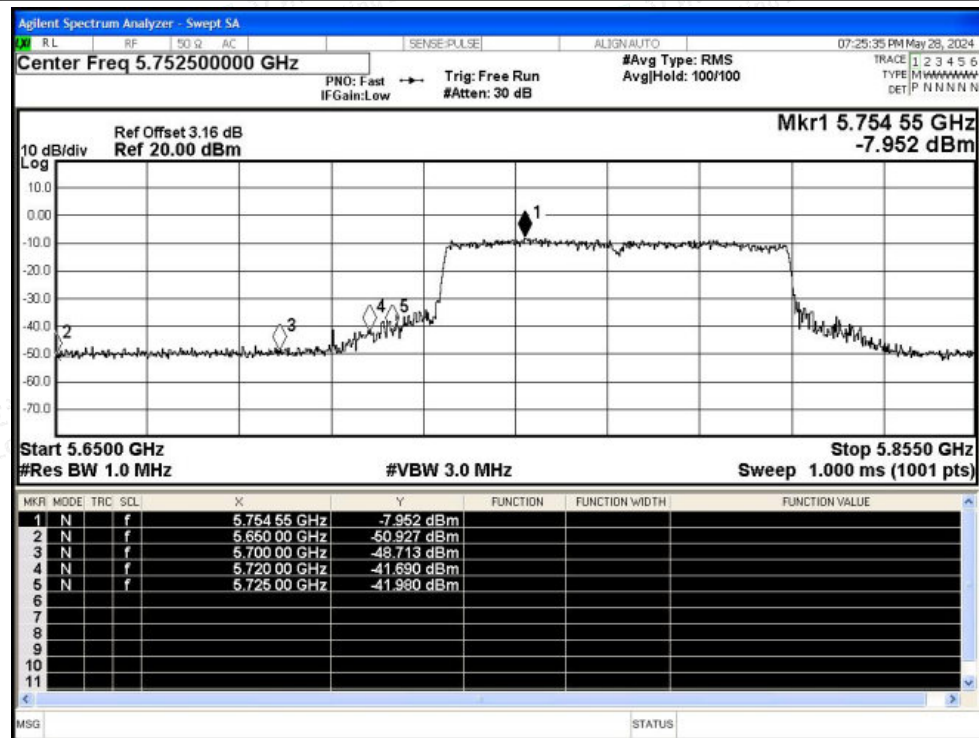
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

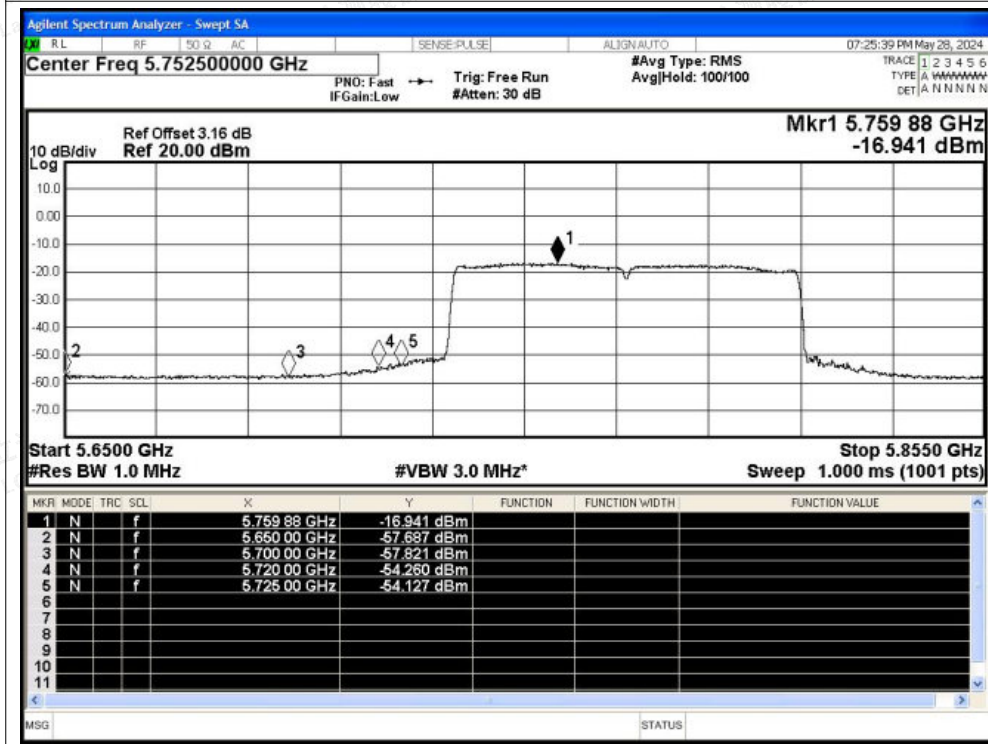
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant1 Peak

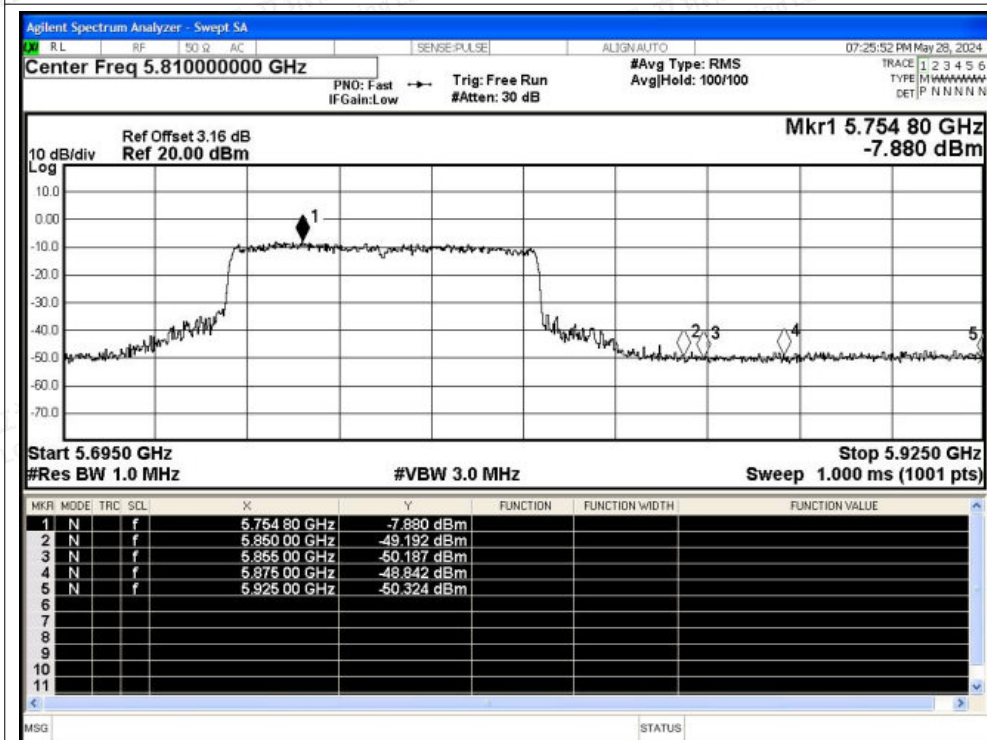


## Restrict Band NVNT ac80 5775MHz Ant1 Average

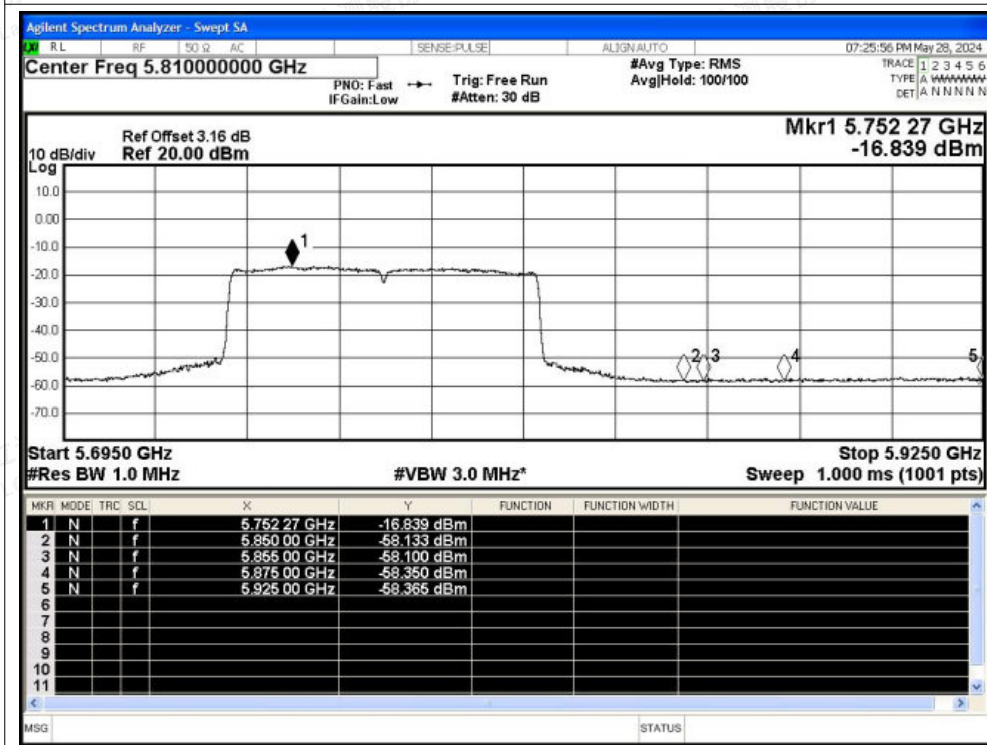




## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



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## E.5 Frequency Stability

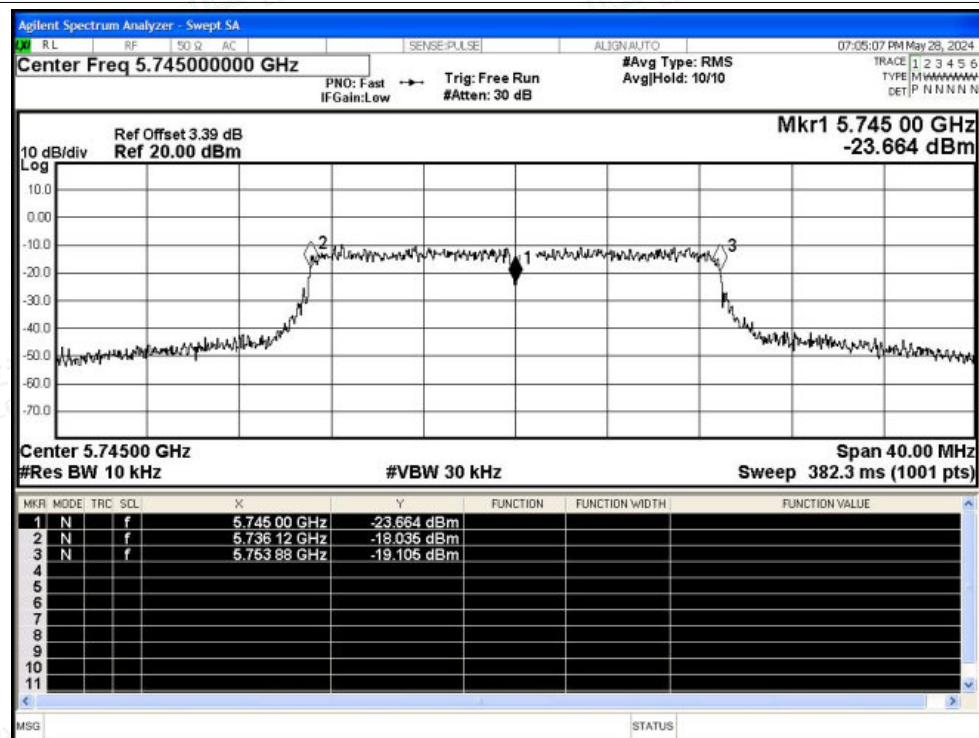
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | ac20 | 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    | 5755                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | 25          | Pass    |



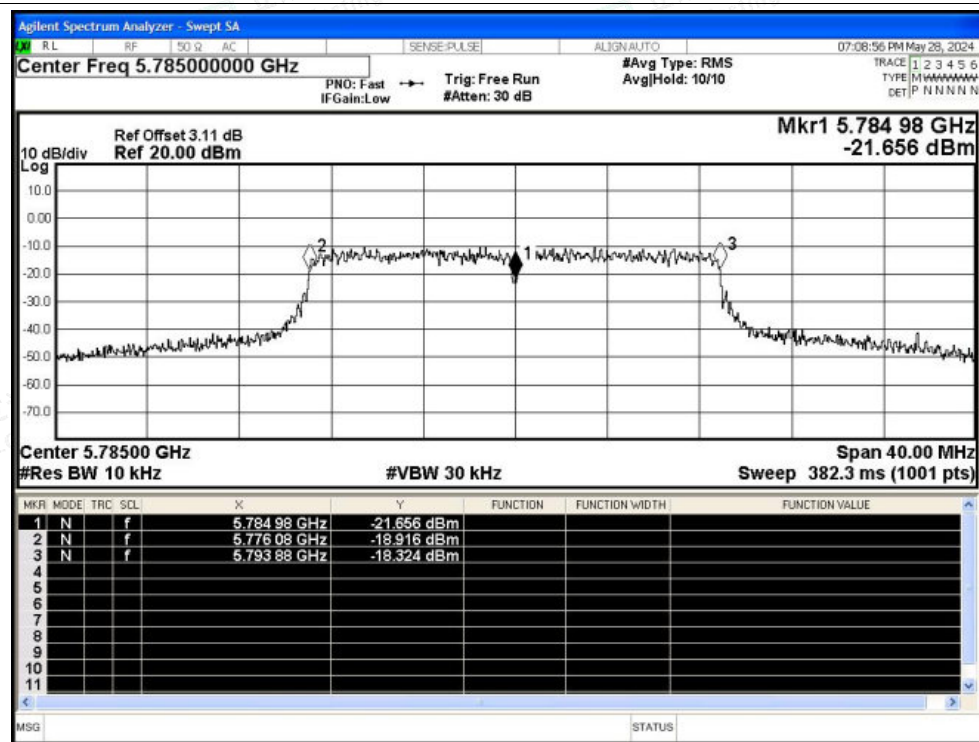


## Test Graphs

## Freq. Stability NVNT ac20 5745MHz Ant1



## Freq. Stability NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

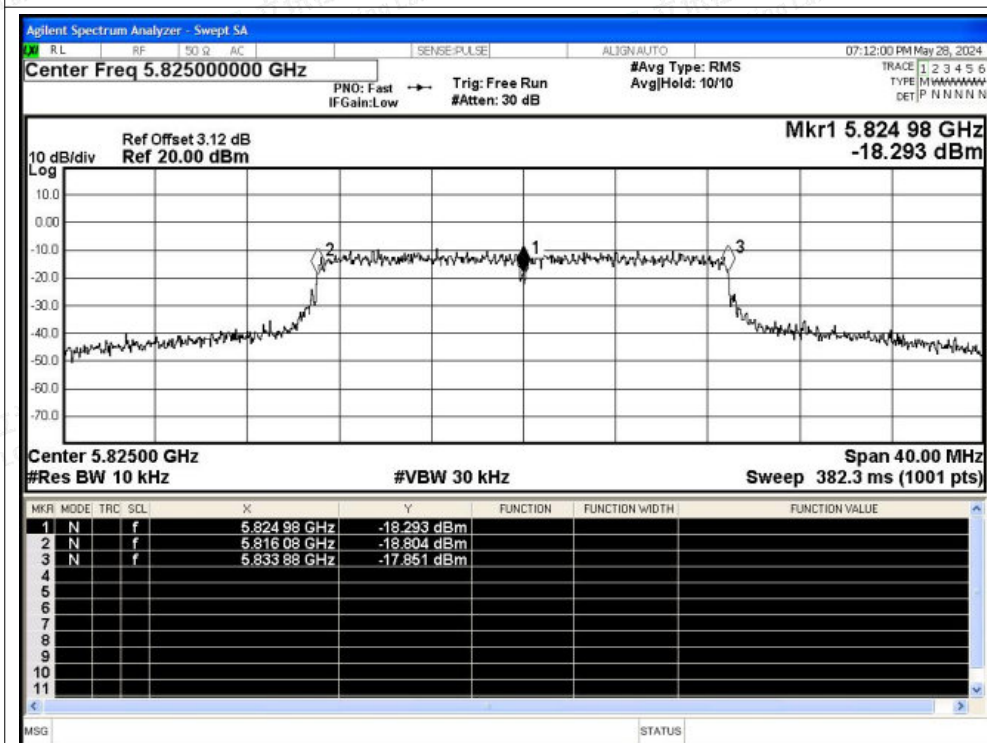
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

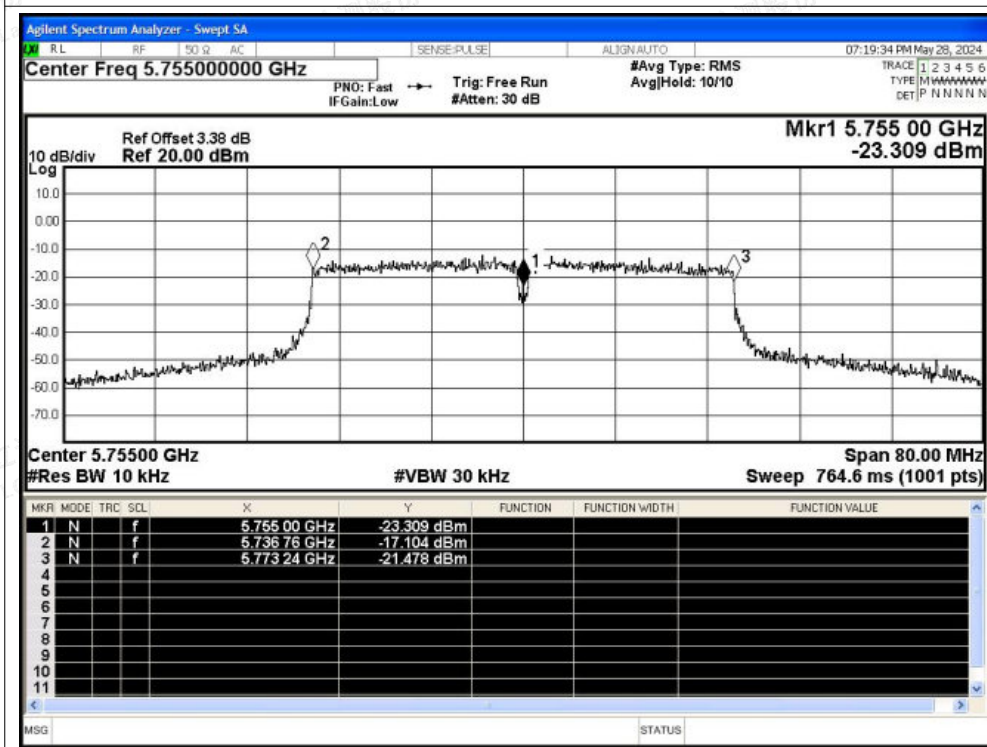
Scan code to check authenticity



## Freq. Stability NVNT ac20 5825MHz Ant1



## Freq. Stability NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

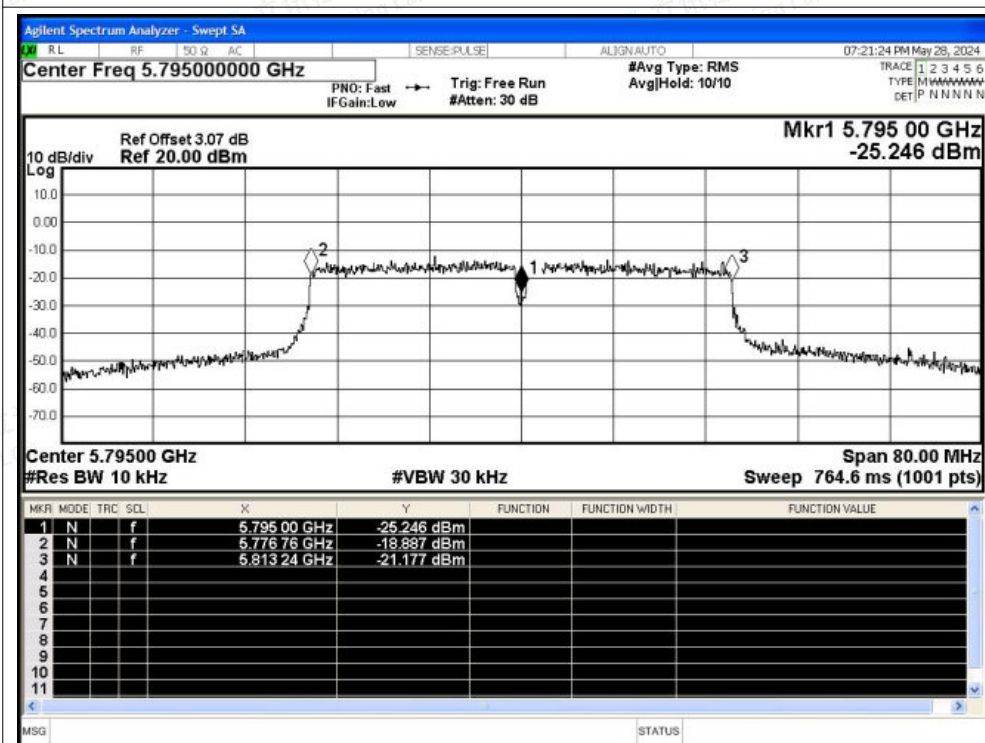
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

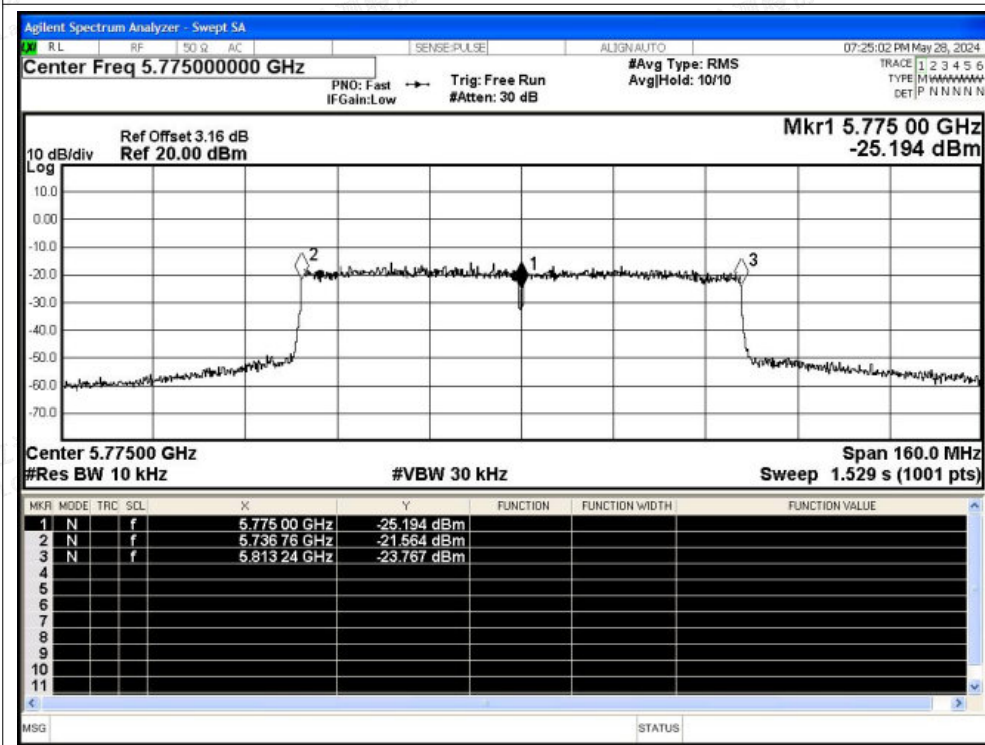
Scan code to check authenticity



## Freq. Stability NVNT ac40 5795MHz Ant1



## Freq. Stability NVNT ac80 5775MHz Ant1





## E.6 Duty Cycle

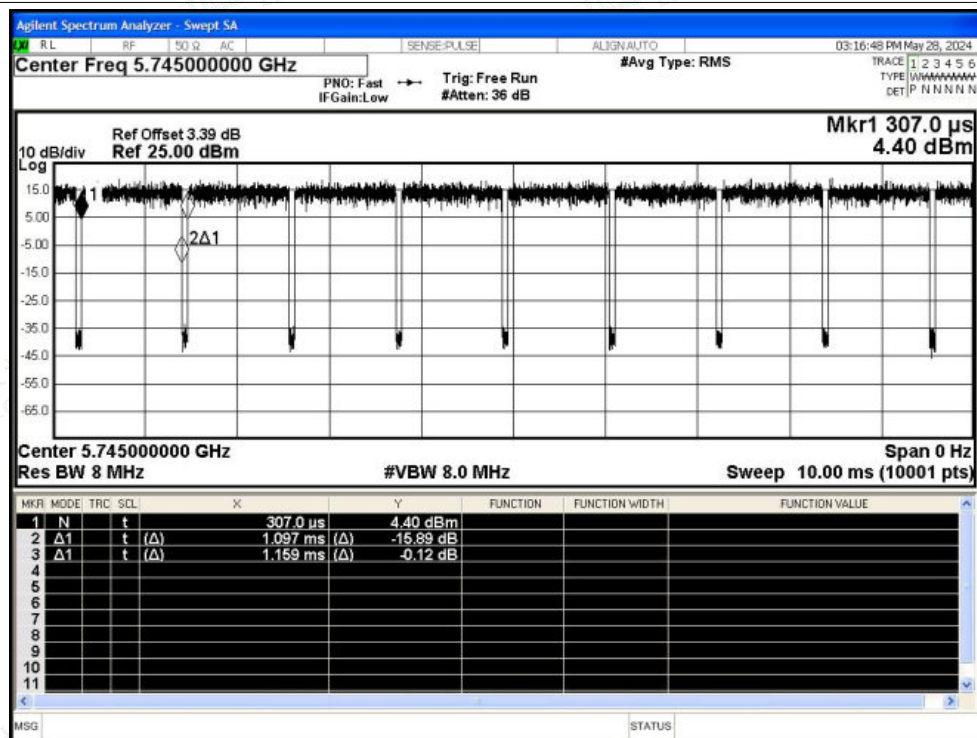
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5785            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant1    | 93.76          | 0.28                   | 1.07      |
| NVNT      | n20  | 5785            | Ant1    | 93.77          | 0.28                   | 1.07      |
| NVNT      | n20  | 5825            | Ant1    | 93.67          | 0.28                   | 1.07      |
| NVNT      | n40  | 5755            | Ant1    | 94.71          | 0.24                   | 0.9       |
| NVNT      | n40  | 5795            | Ant1    | 94.71          | 0.24                   | 0.9       |
| NVNT      | ac20 | 5745            | Ant1    | 93.72          | 0.28                   | 1.06      |
| NVNT      | ac20 | 5785            | Ant1    | 93.72          | 0.28                   | 1.06      |
| NVNT      | ac20 | 5825            | Ant1    | 93.82          | 0.28                   | 1.06      |
| NVNT      | ac40 | 5755            | Ant1    | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac40 | 5795            | Ant1    | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac80 | 5775            | Ant1    | 89.65          | 0.47                   | 1.86      |



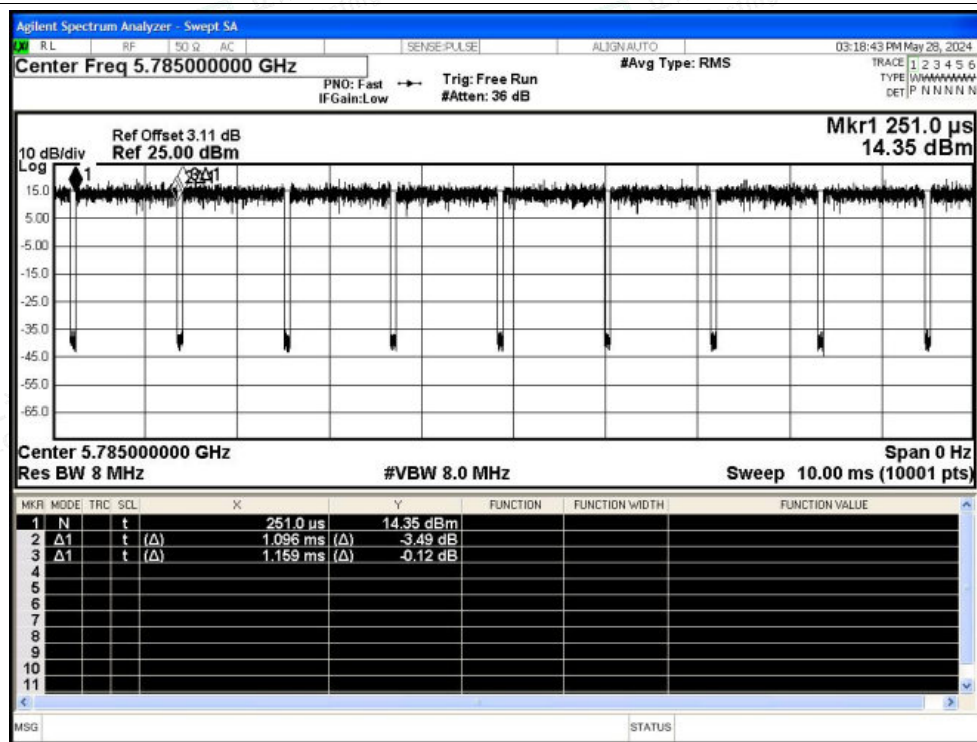


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1



## Duty Cycle NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

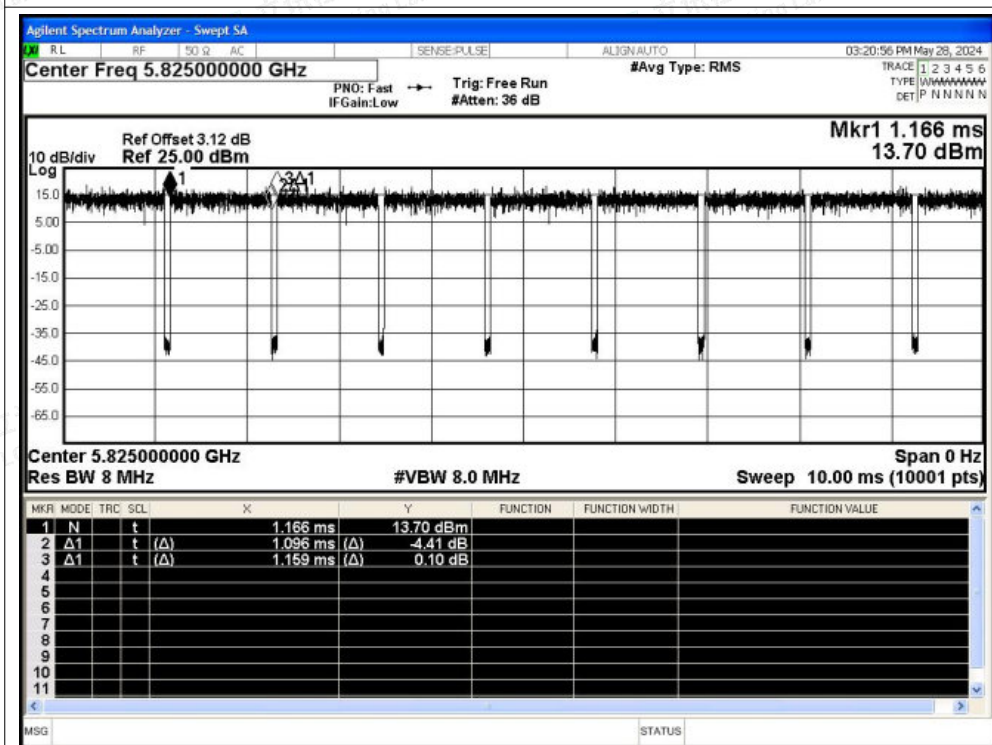
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

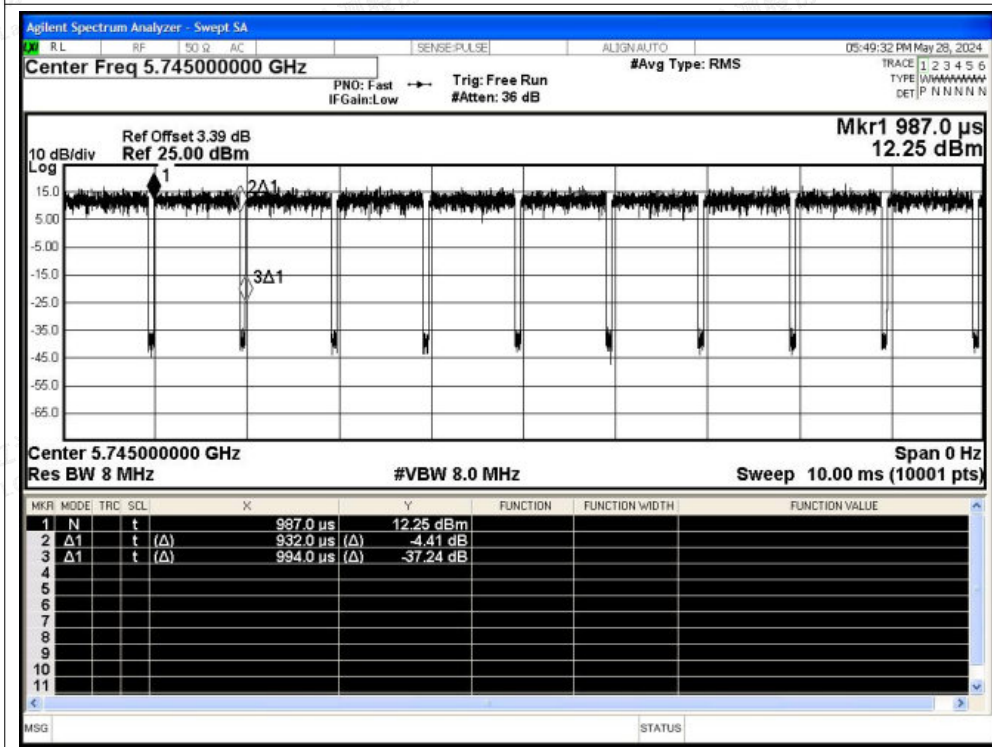
Scan code to check authenticity



## Duty Cycle NVNT a 5825MHz Ant1

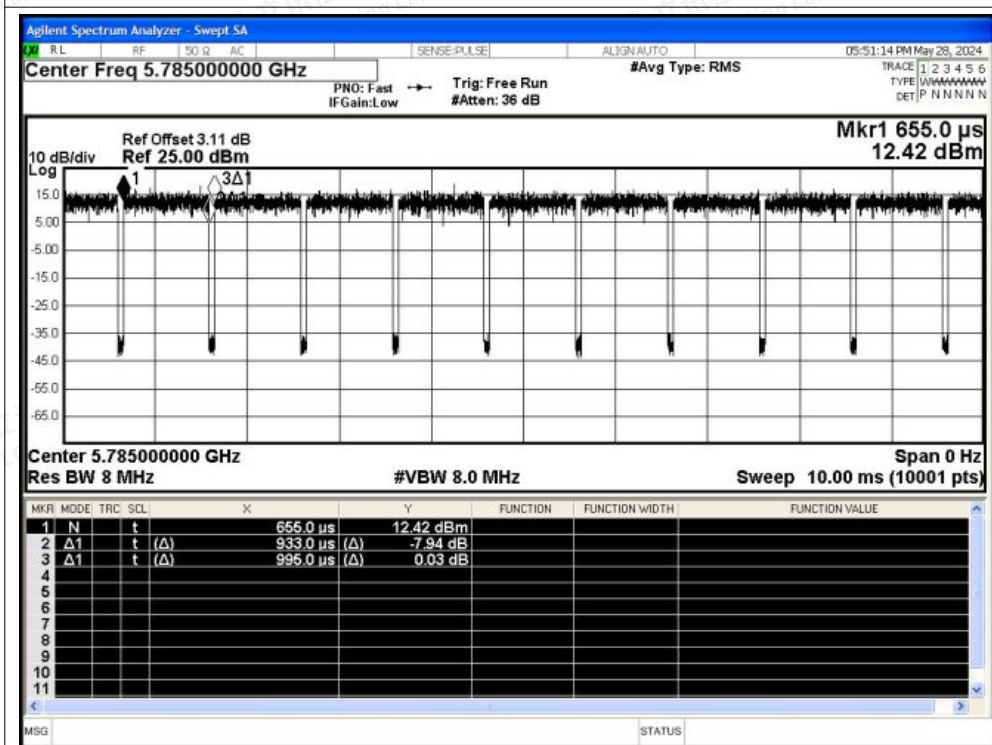


## Duty Cycle NVNT n20 5745MHz Ant1

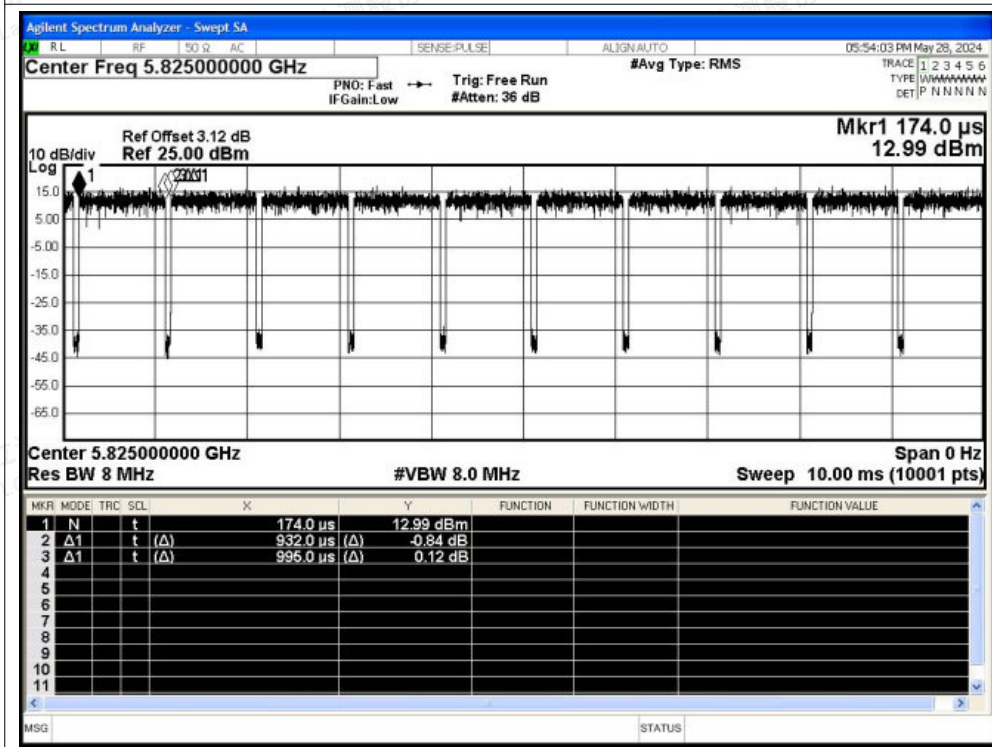




## Duty Cycle NVNT n20 5785MHz Ant1

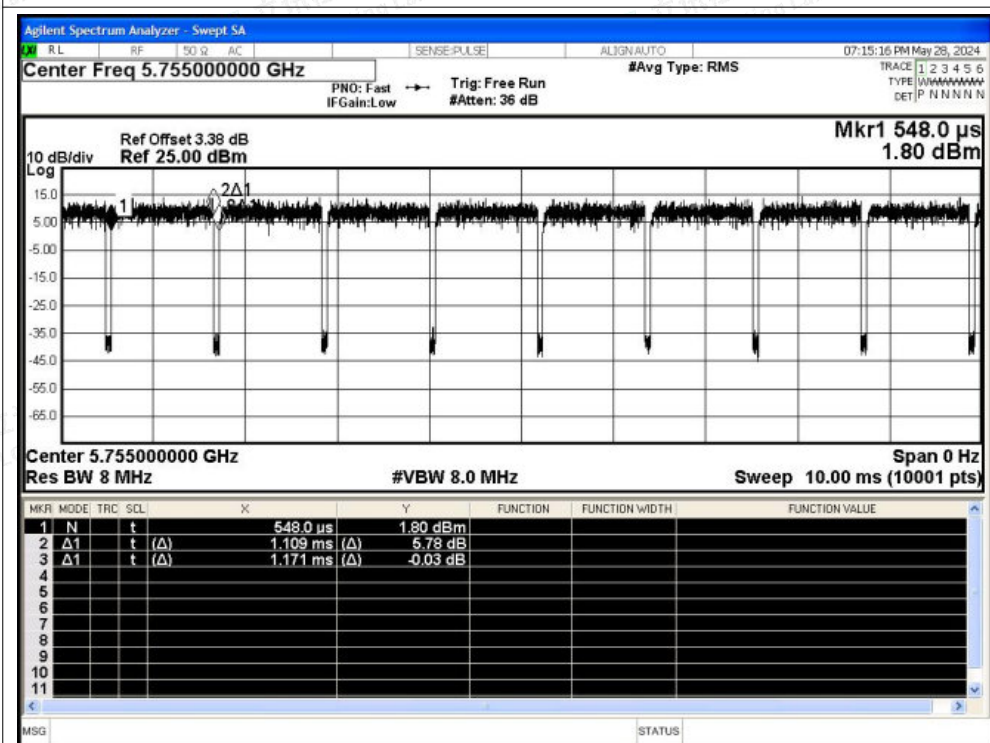


## Duty Cycle NVNT n20 5825MHz Ant1

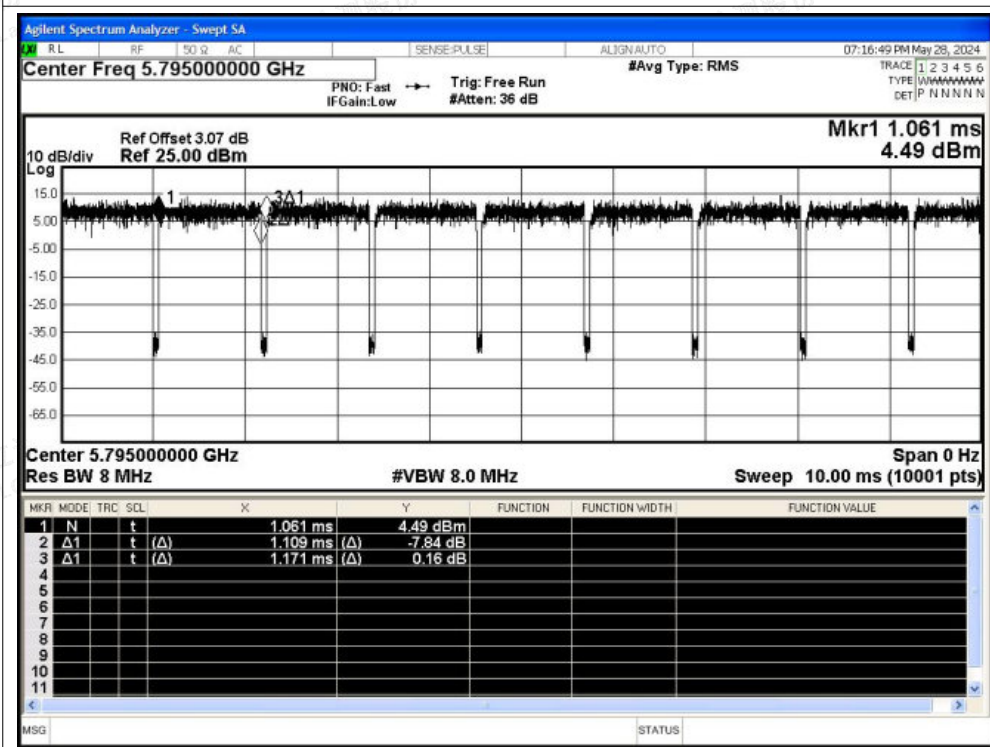




## Duty Cycle NVNT n40 5755MHz Ant1



## Duty Cycle NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

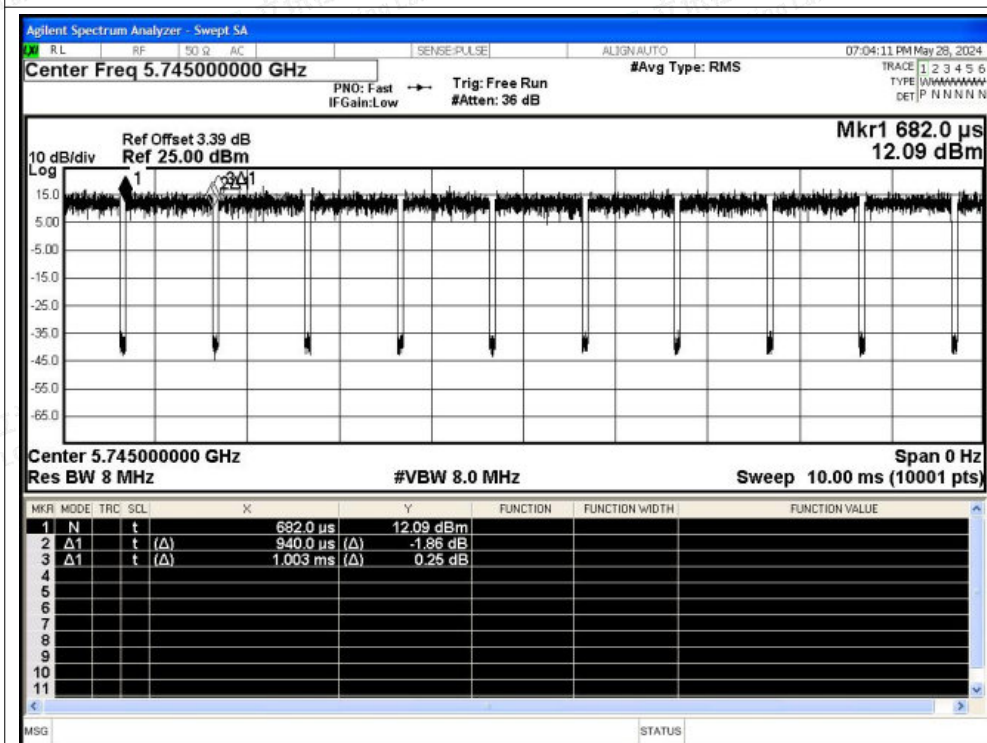
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

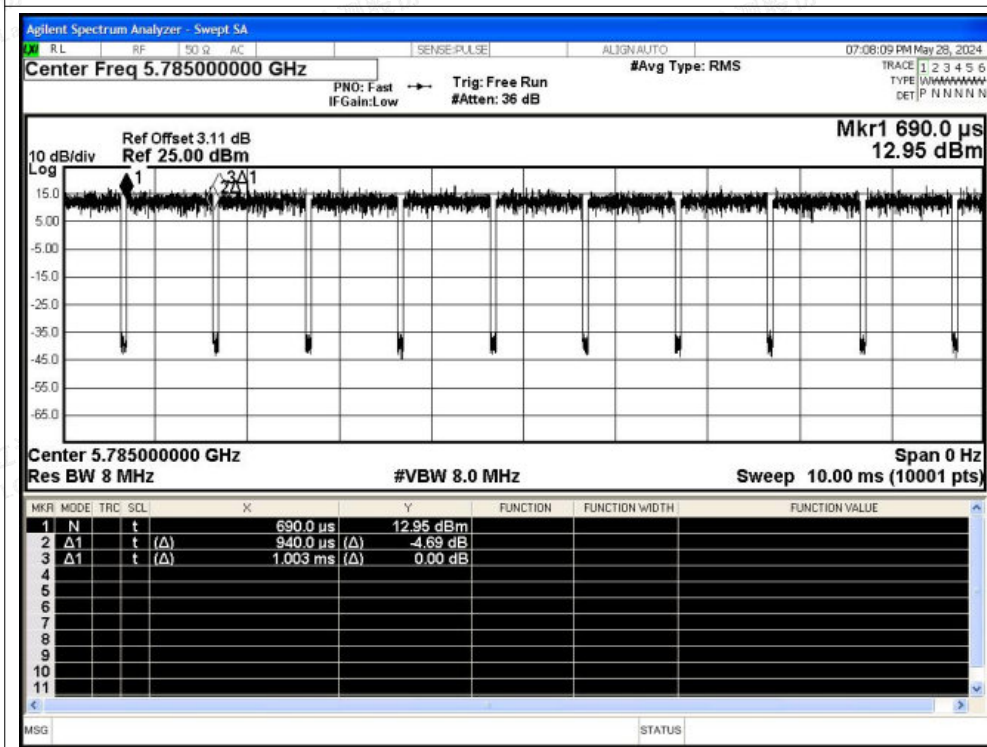
Scan code to check authenticity



## Duty Cycle NVNT ac20 5745MHz Ant1

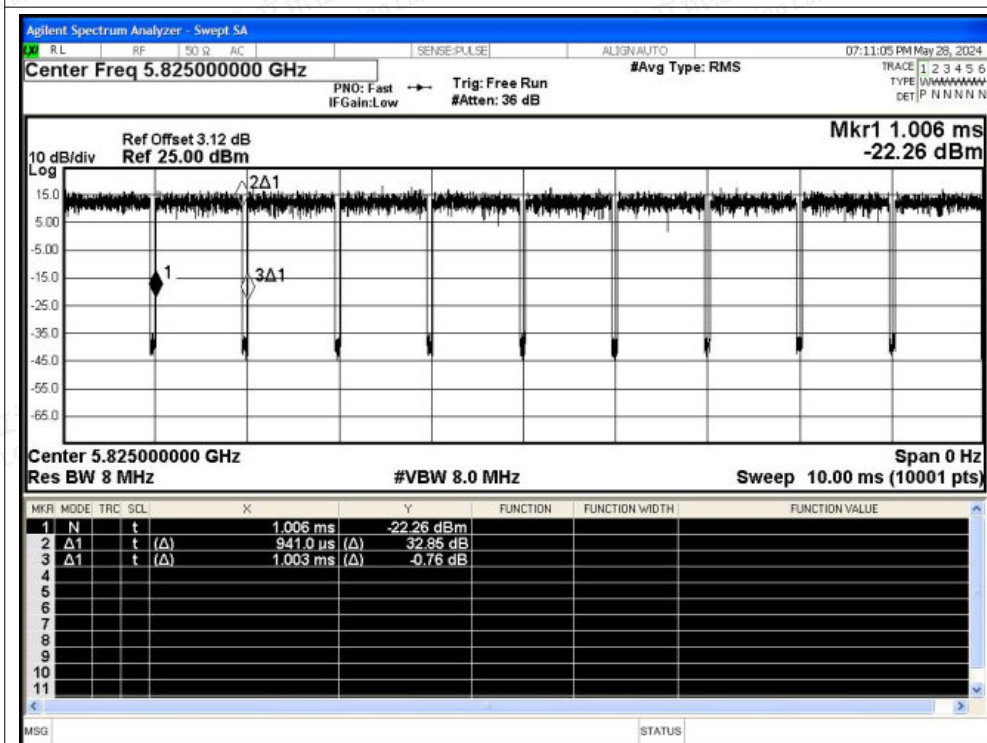


## Duty Cycle NVNT ac20 5785MHz Ant1

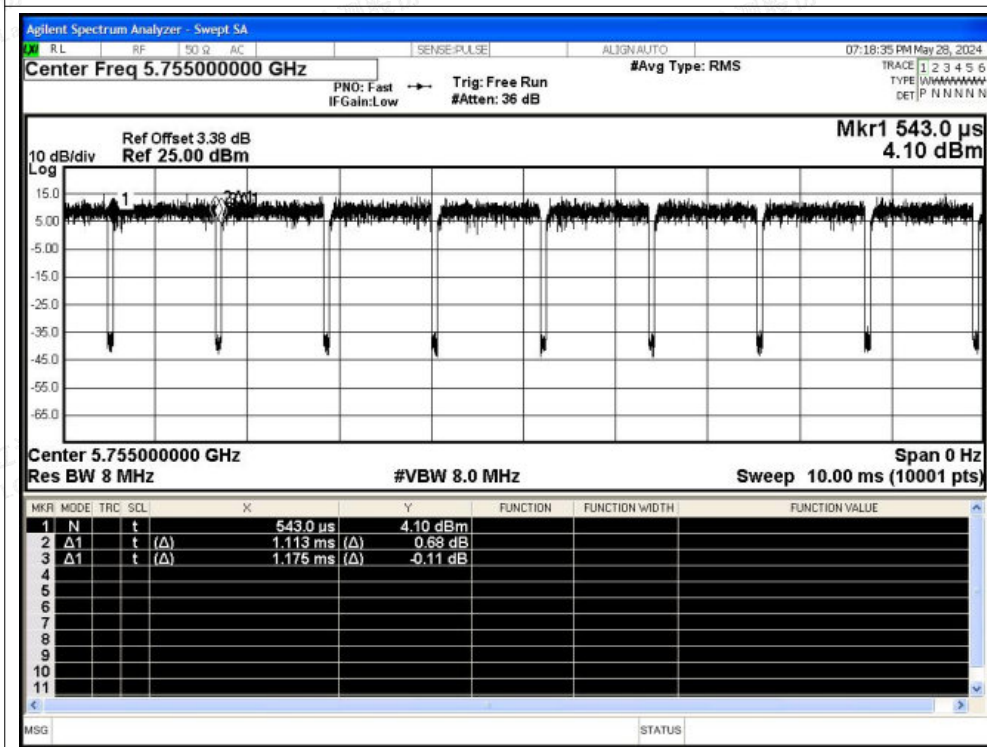




## Duty Cycle NVNT ac20 5825MHz Ant1

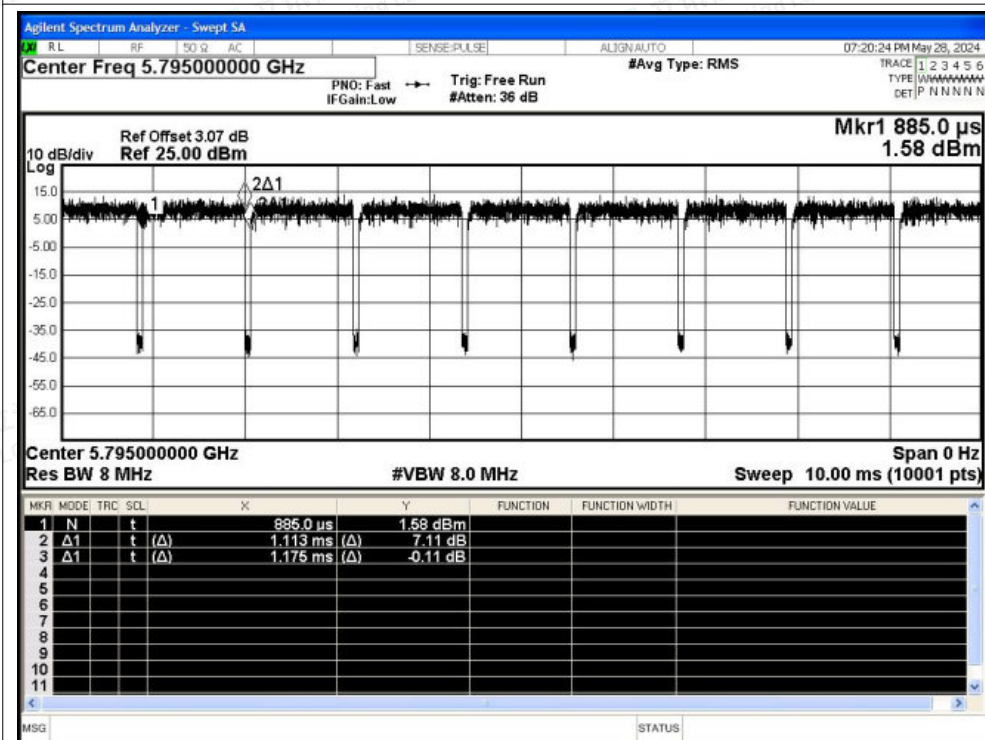


## Duty Cycle NVNT ac40 5755MHz Ant1





## Duty Cycle NVNT ac40 5795MHz Ant1



## Duty Cycle NVNT ac80 5775MHz Ant1

