



## Appendix E

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

Product Name: MINI PC

Test Model: MPC-3050

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.4°C    |
| Relative Humidity: | 53.3%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jay Luo   |
| Supervised by:     | Nick Peng |



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## E.1 -6dB Bandwidth

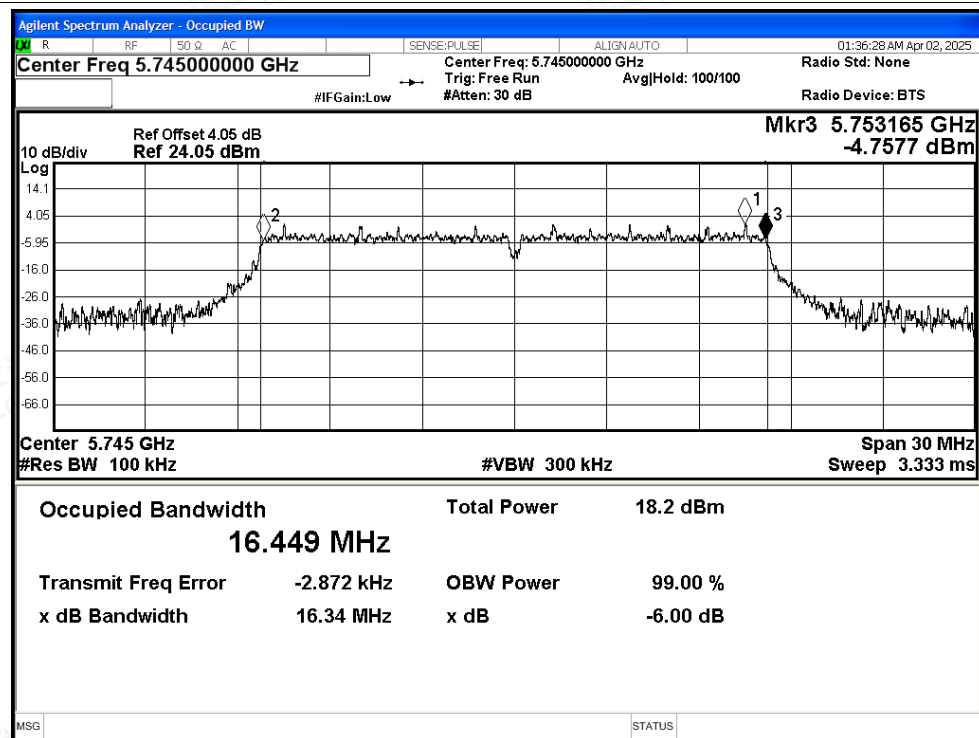
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant2    | 16.336                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant2    | 16.334                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant2    | 16.354                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 17.415                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 17.402                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 17.567                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 36.155                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant2    | 36.16                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | 17.55                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | 17.561                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | 17.547                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | 36.402                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | 35.98                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | 75.509                | $\geq 0.5$                  | Pass    |



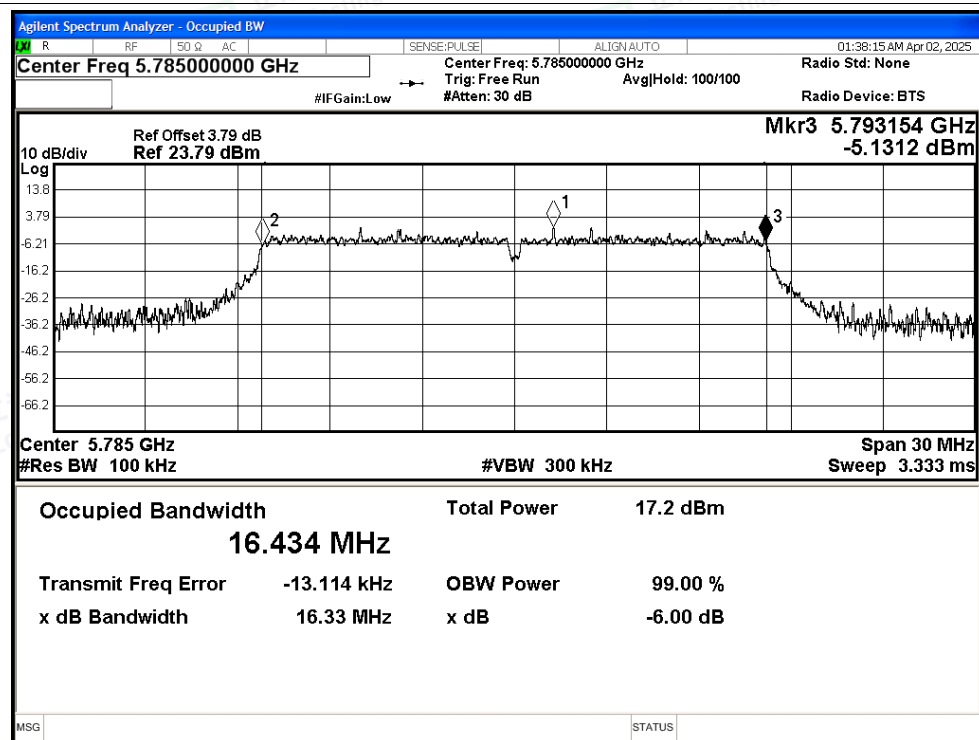


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2



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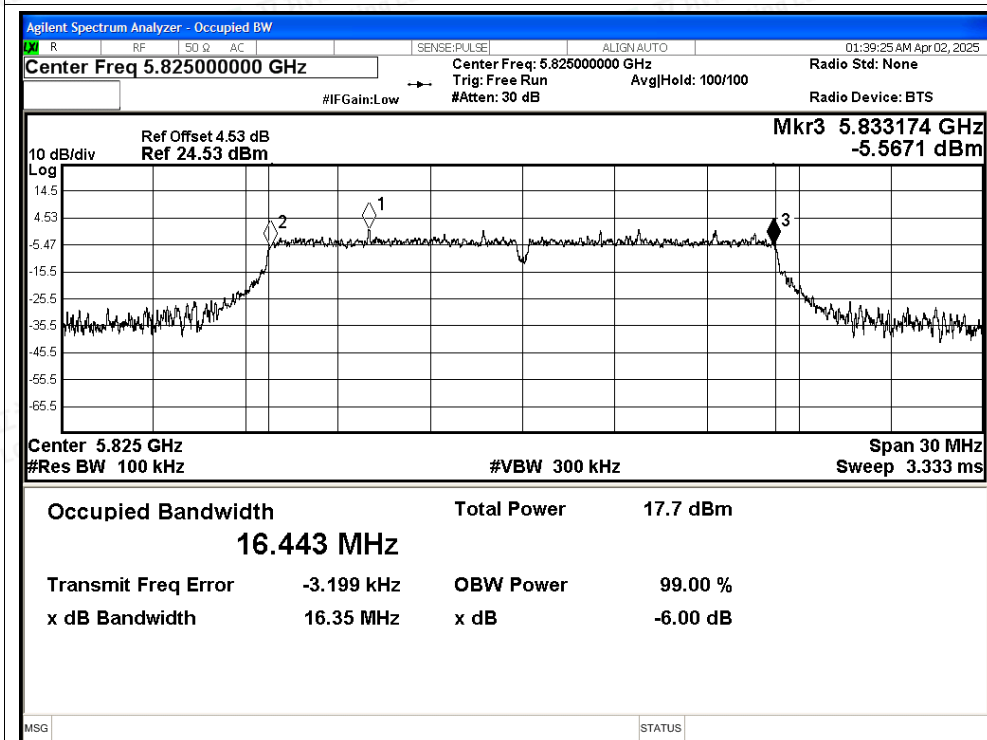
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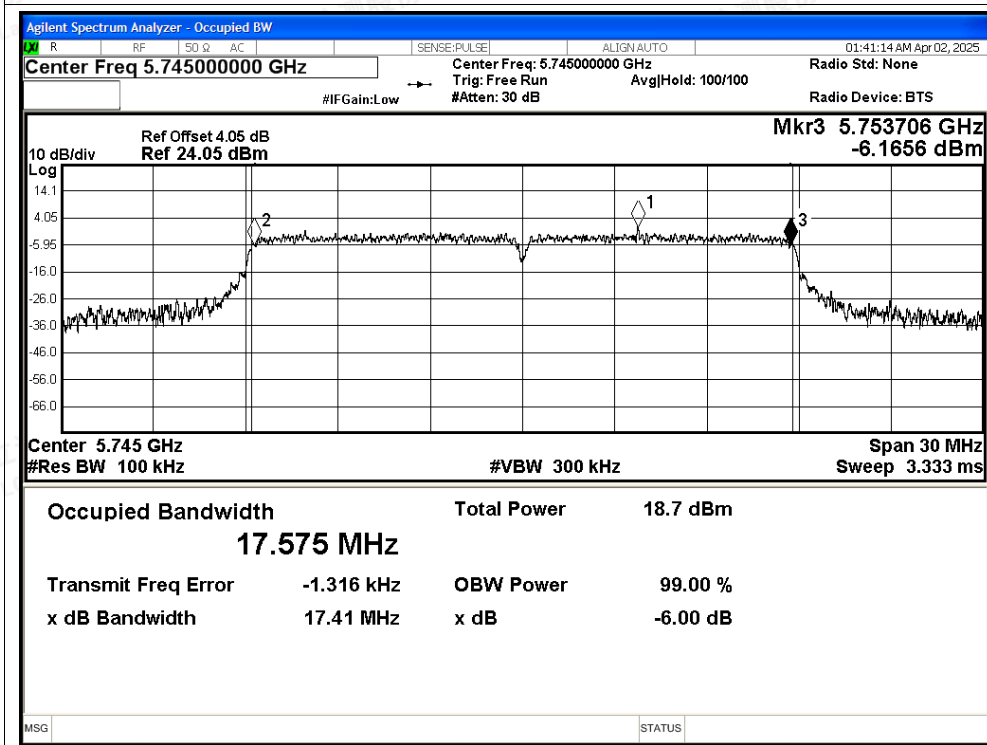
Scan code to check authenticity



## -6dB Bandwidth NVNT a 5825MHz Ant2



## -6dB Bandwidth NVNT n20 5745MHz Ant2



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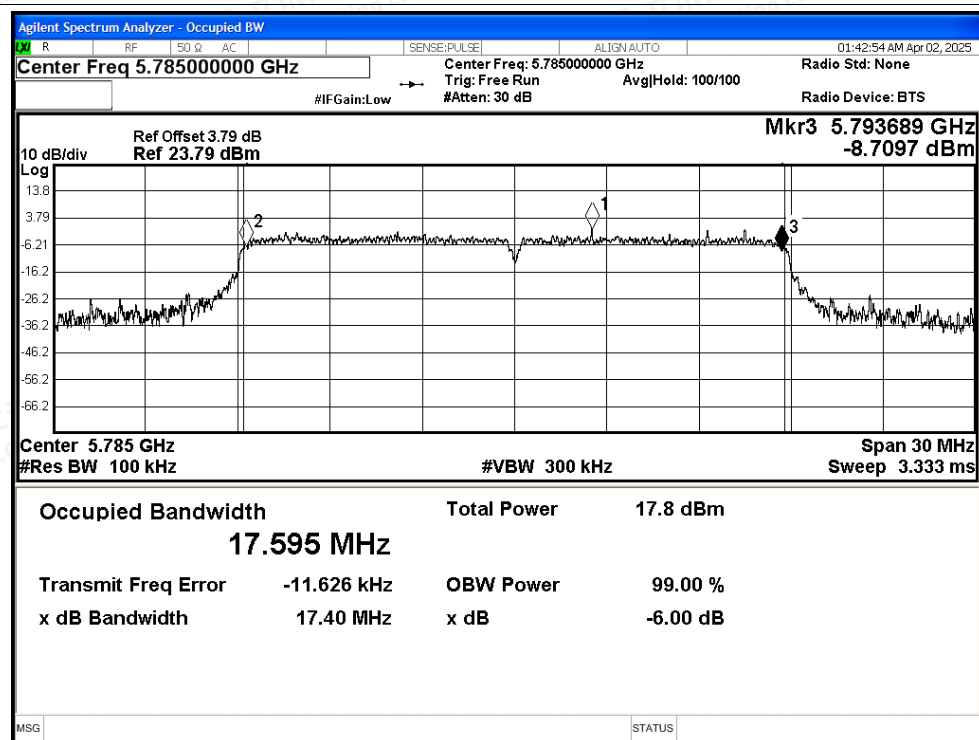
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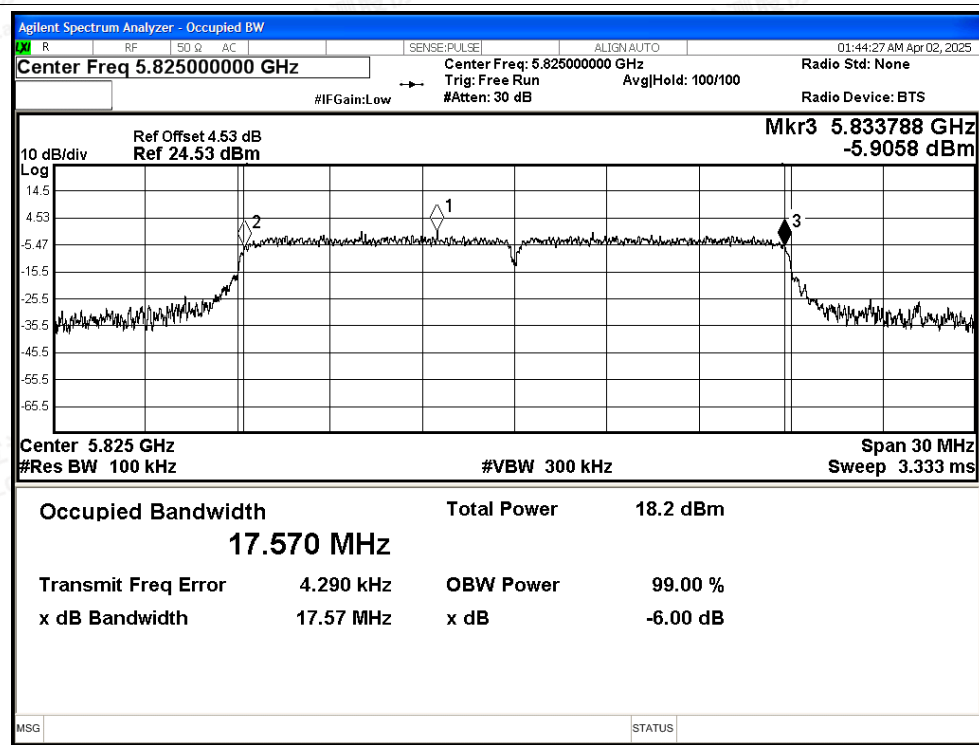
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 5785MHz Ant2



## -6dB Bandwidth NVNT n20 5825MHz Ant2



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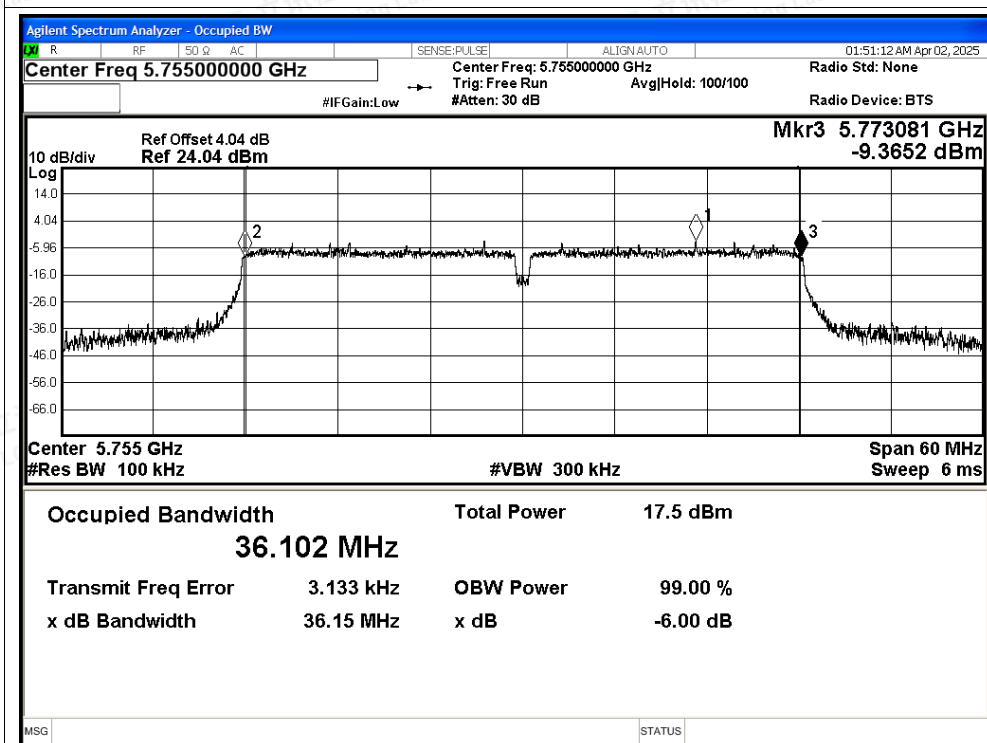
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

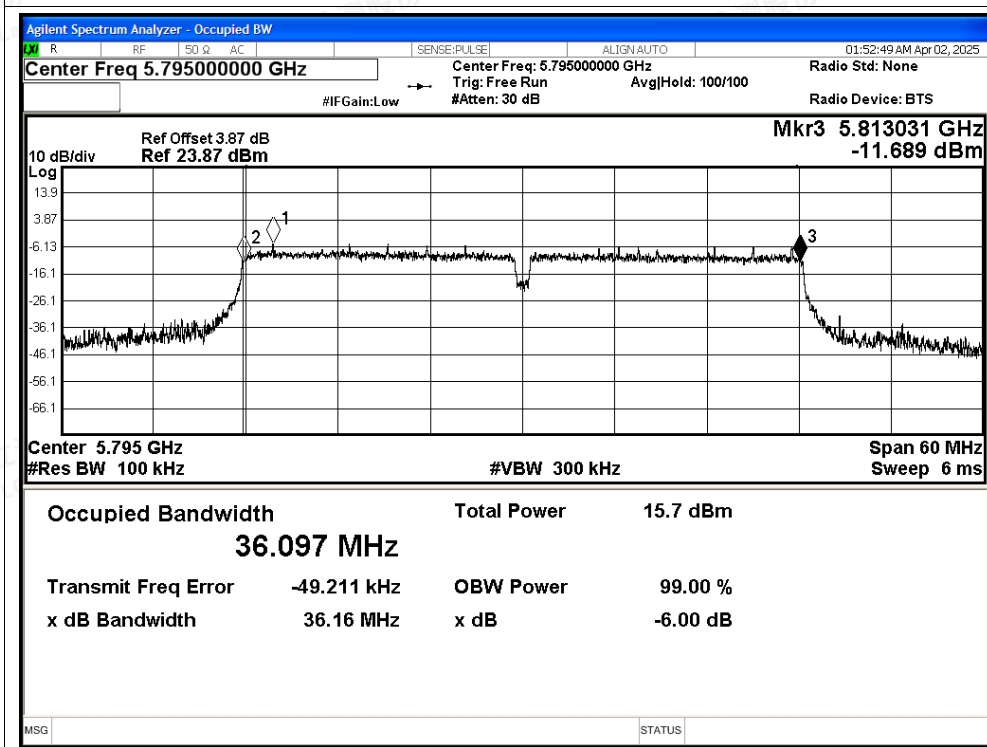
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-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2



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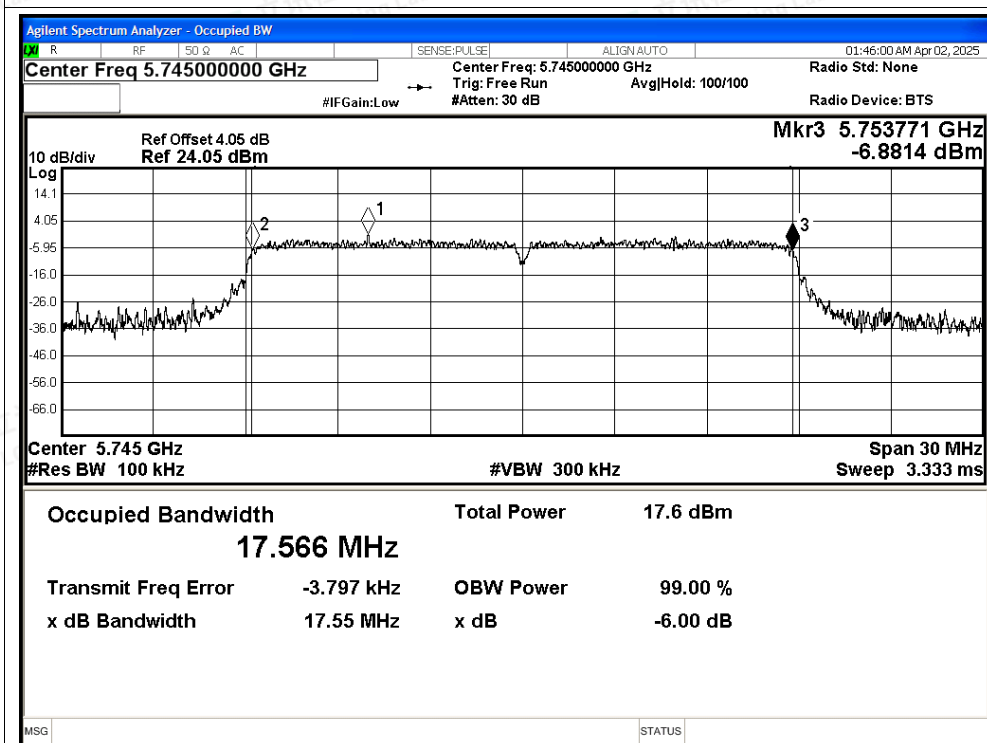
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

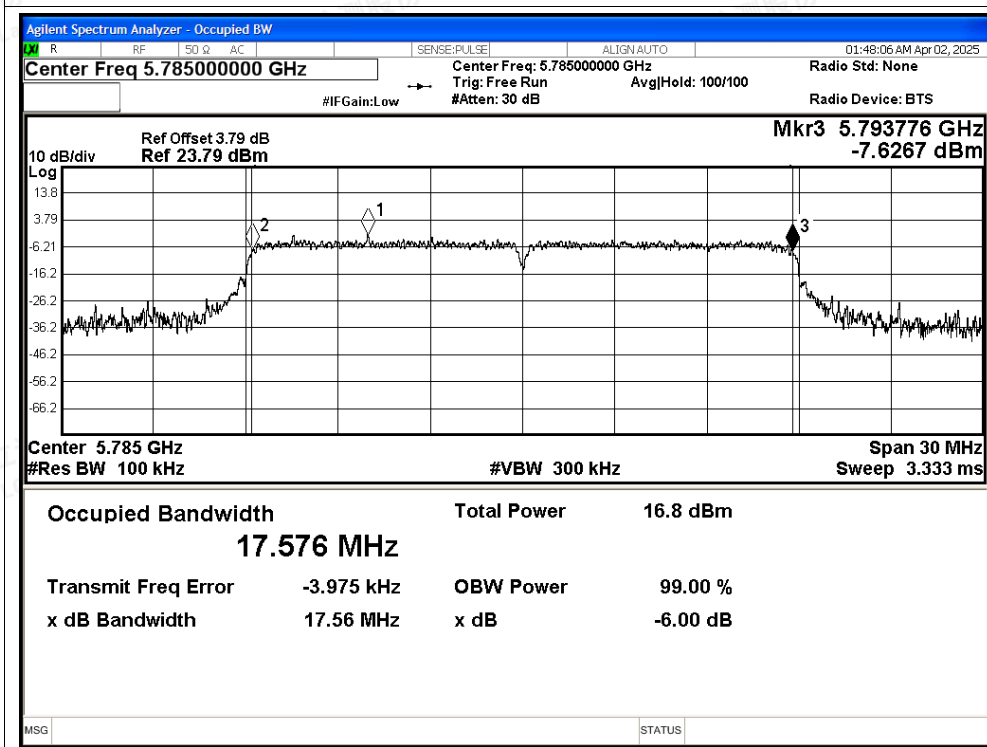
Scan code to check authenticity



## -6dB Bandwidth NVNT ac20 5745MHz Ant2



## -6dB Bandwidth NVNT ac20 5785MHz Ant2



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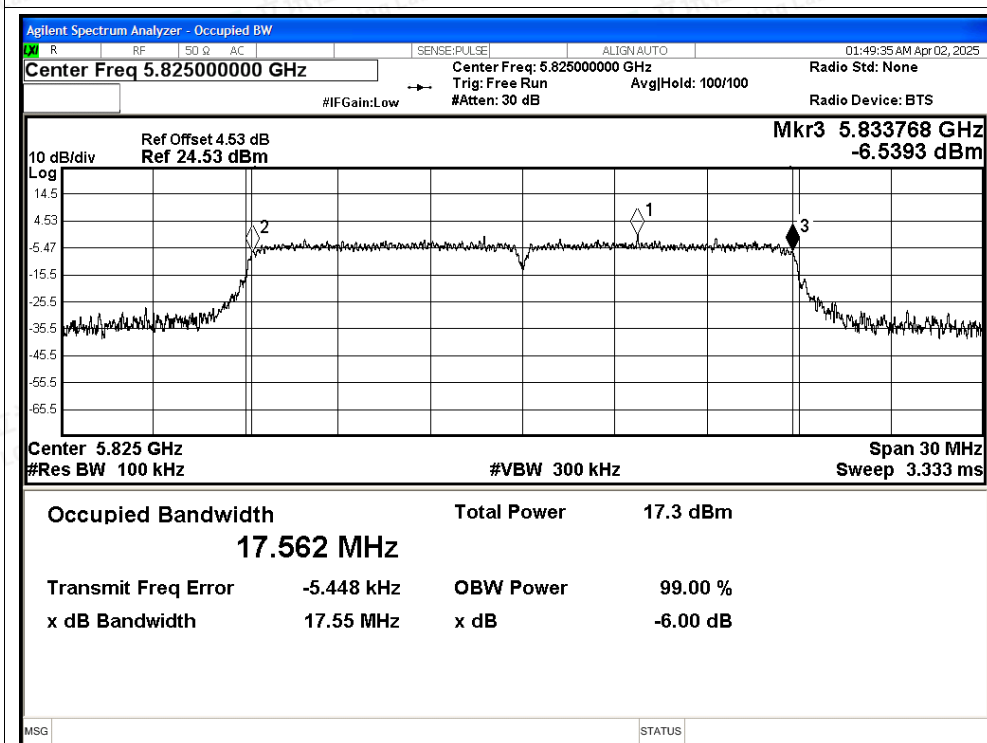
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

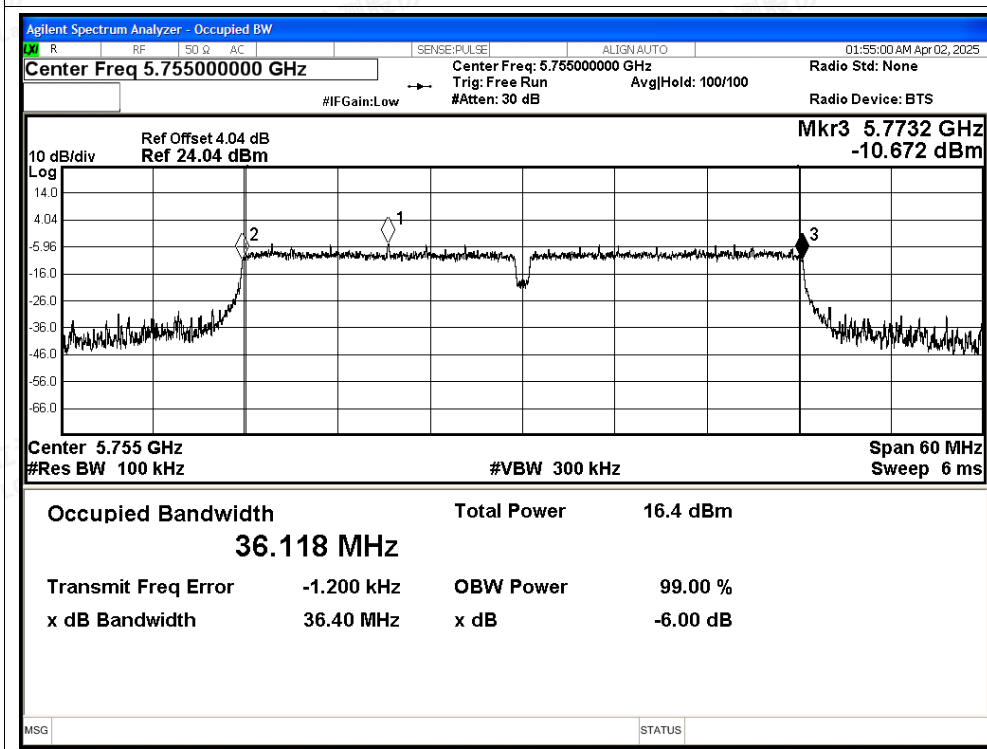
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## -6dB Bandwidth NVNT ac20 5825MHz Ant2



## -6dB Bandwidth NVNT ac40 5755MHz Ant2



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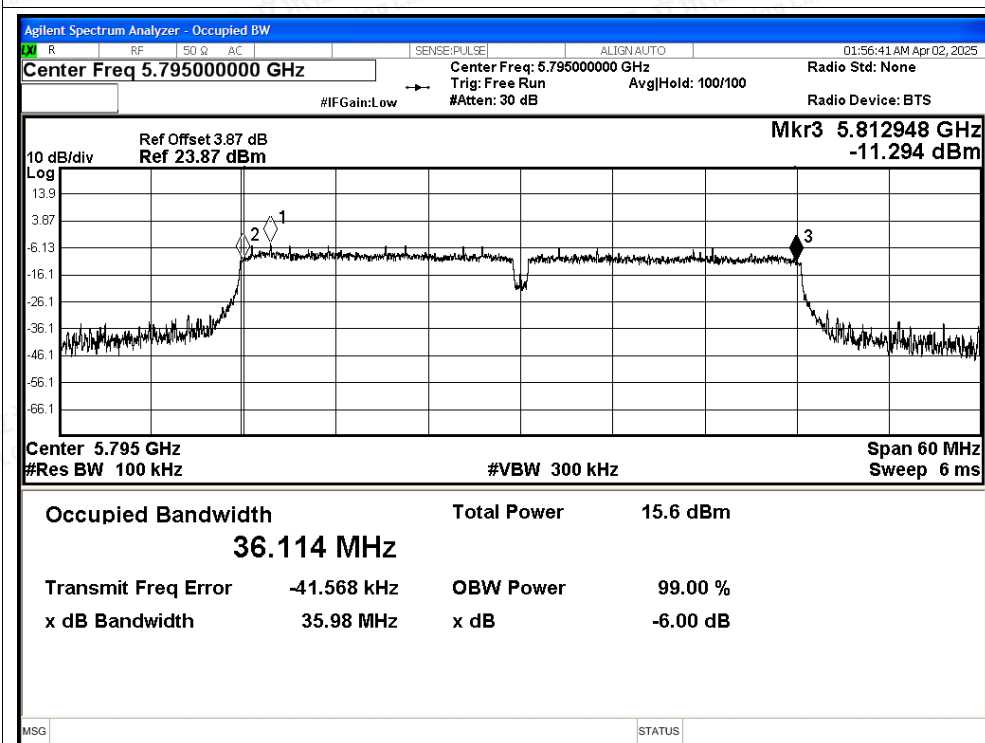
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

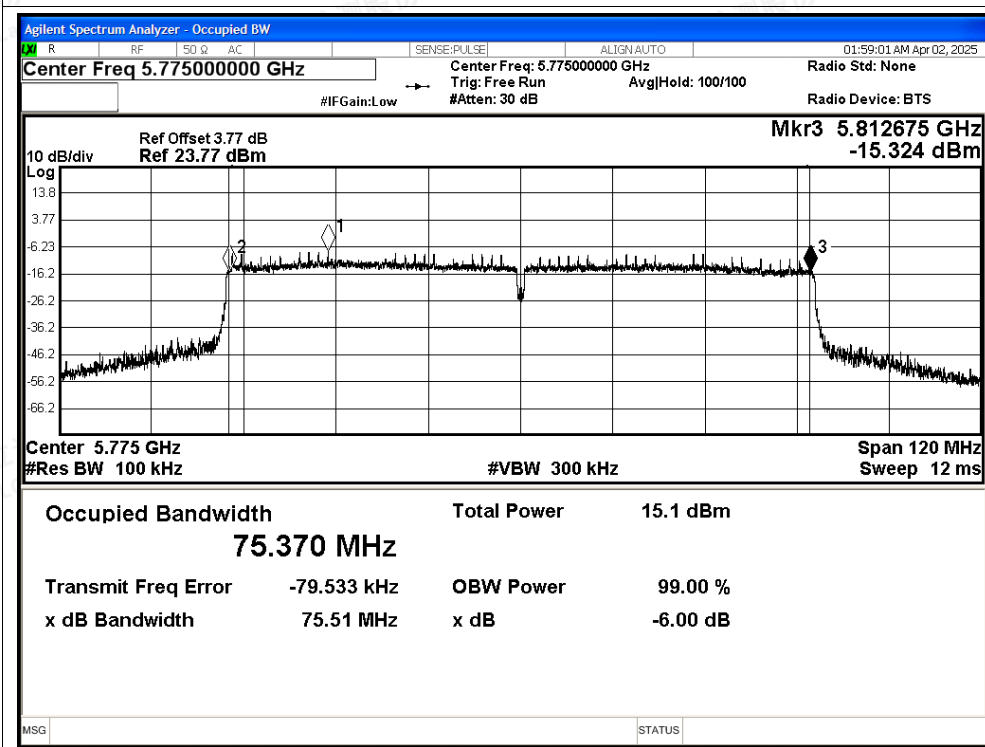




## -6dB Bandwidth NVNT ac40 5795MHz Ant2



## -6dB Bandwidth NVNT ac80 5775MHz Ant2



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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            | Ant2    | 12.11                 | 0.24             | 12.35             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant2    | 11.19                 | 0.24             | 11.43             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 11.72                 | 0.24             | 11.96             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 12.5                  | 0                | 12.5              | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 11.62                 | 0                | 11.62             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 12.17                 | 0                | 12.17             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 9.9                   | 0.16             | 10.06             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant2    | 9.22                  | 0.16             | 9.38              | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | 11.51                 | 0                | 11.51             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | 10.73                 | 0                | 10.73             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | 11.18                 | 0                | 11.18             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | 9.93                  | 0.16             | 10.09             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | 9.16                  | 0.16             | 9.32              | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | 7.99                  | 0.33             | 8.32              | 30          | Pass    |





### E.3 Maximum Power Spectral Density Level

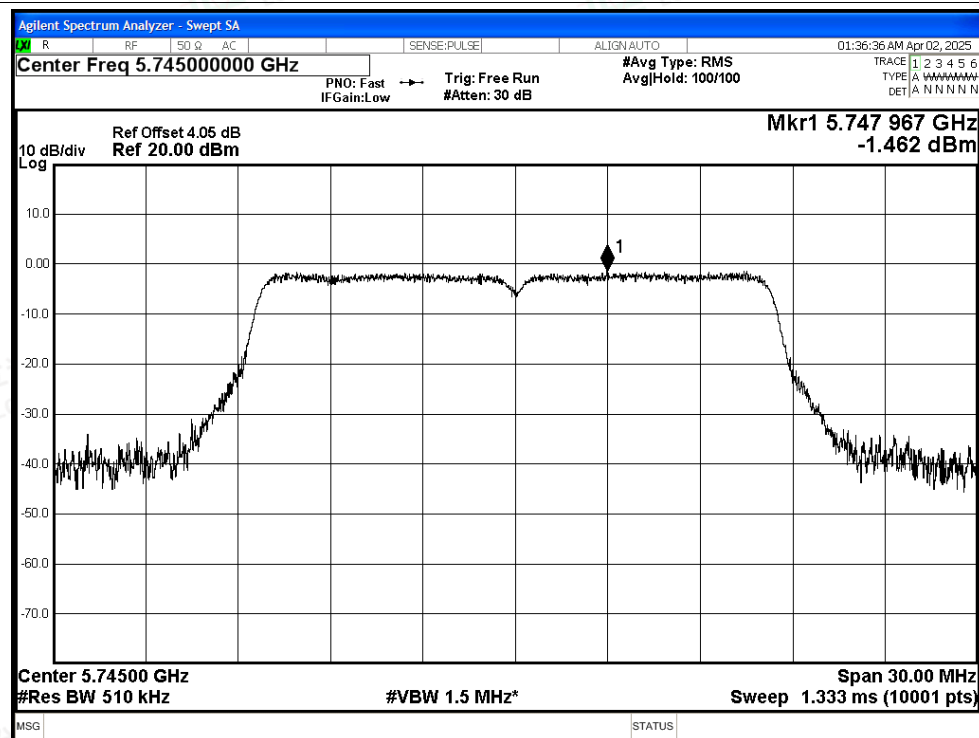
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant2    | -1.46                      | 0.24             | -1.22                  | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant2    | -2.5                       | 0.24             | -2.26                  | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant2    | -1.95                      | 0.24             | -1.71                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -1.35                      | 0                | -1.35                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant2    | -2.16                      | 0                | -2.16                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant2    | -1.91                      | 0                | -1.91                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant2    | -5.85                      | 0.16             | -5.69                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant2    | -7.25                      | 0.16             | -7.09                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | -2.45                      | 0                | -2.45                  | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | -2.97                      | 0                | -2.97                  | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | -2.78                      | 0                | -2.78                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | -6.62                      | 0.16             | -6.46                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | -6.94                      | 0.16             | -6.78                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | -11.54                     | 0.33             | -11.21                 | 30                 | Pass    |



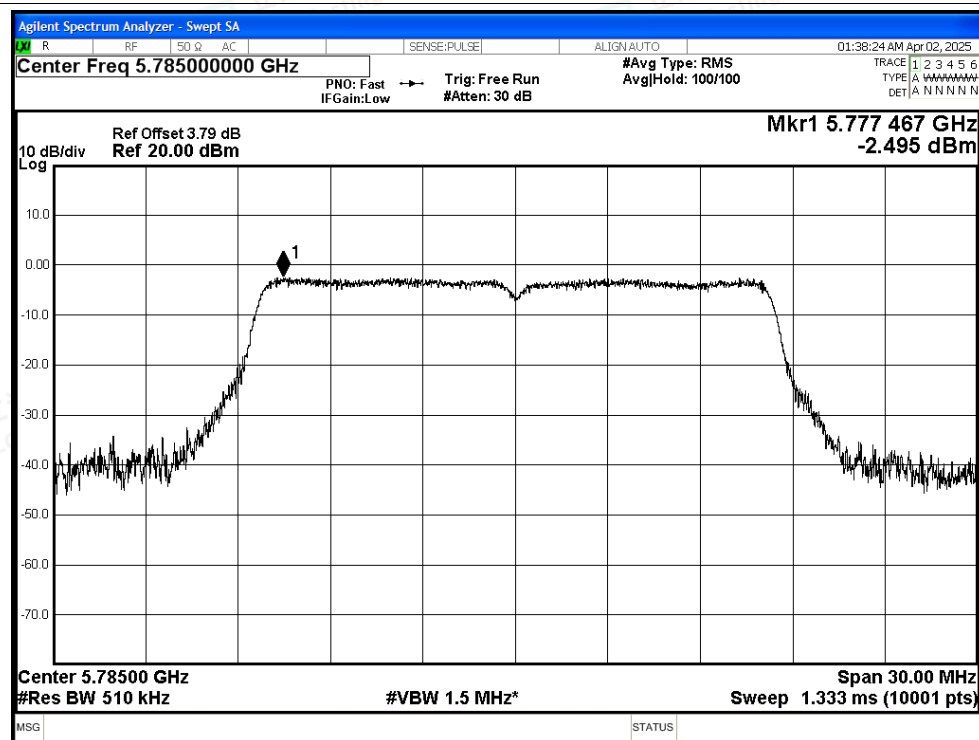


## Test Graphs

PSD NVNT a 5745MHz Ant2

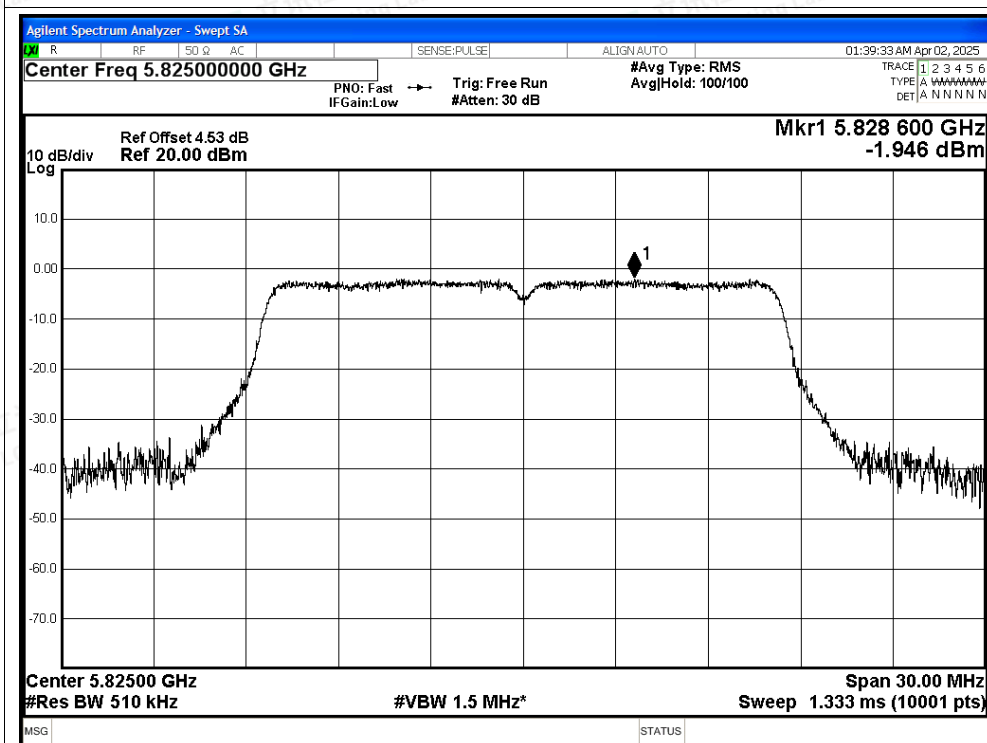


PSD NVNT a 5785MHz Ant2

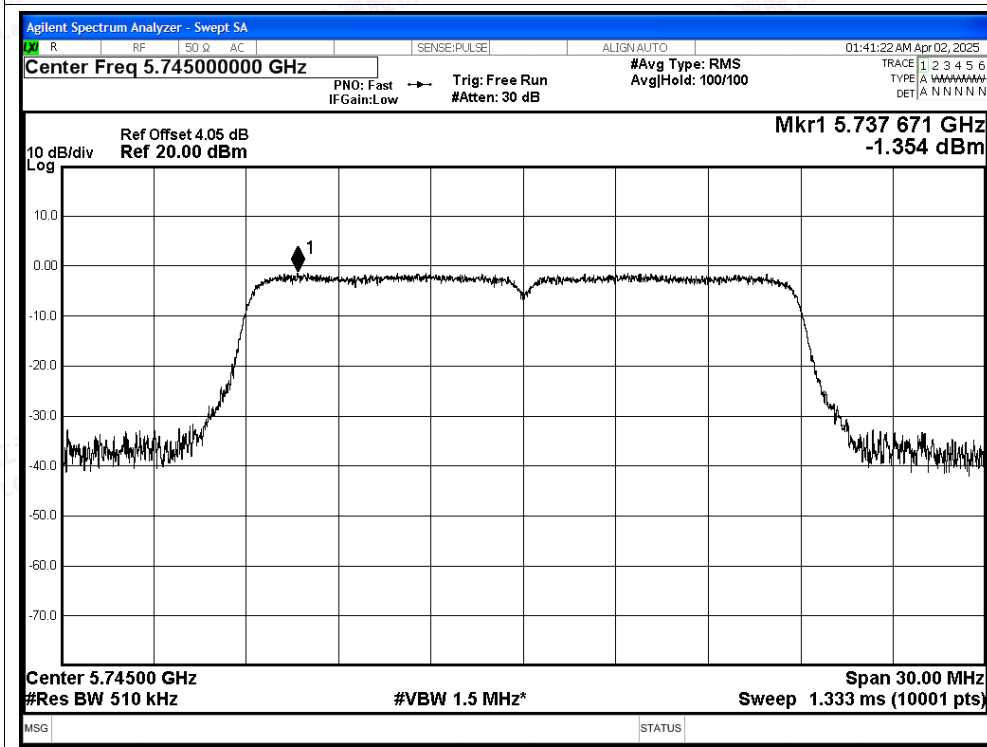


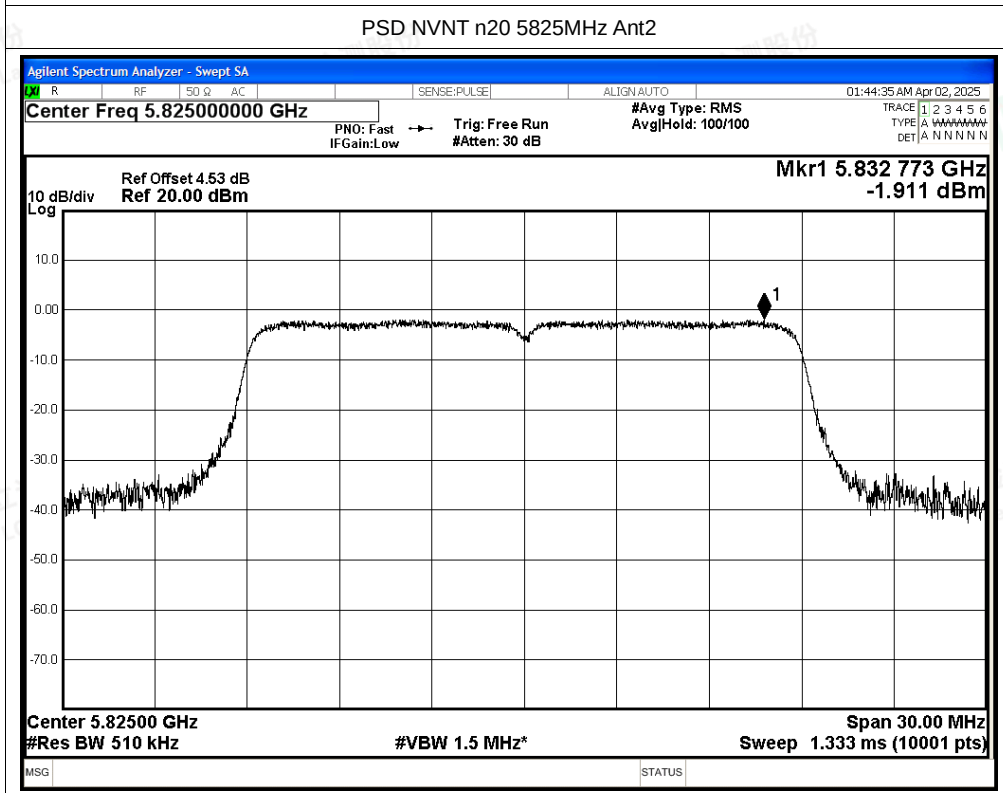
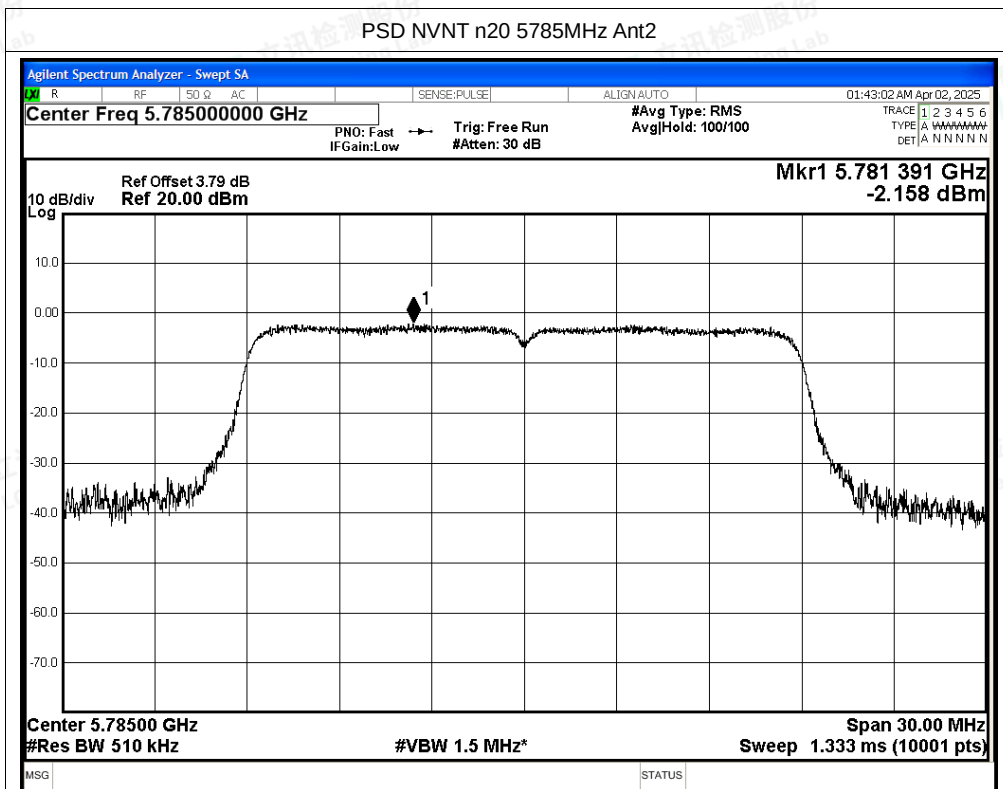


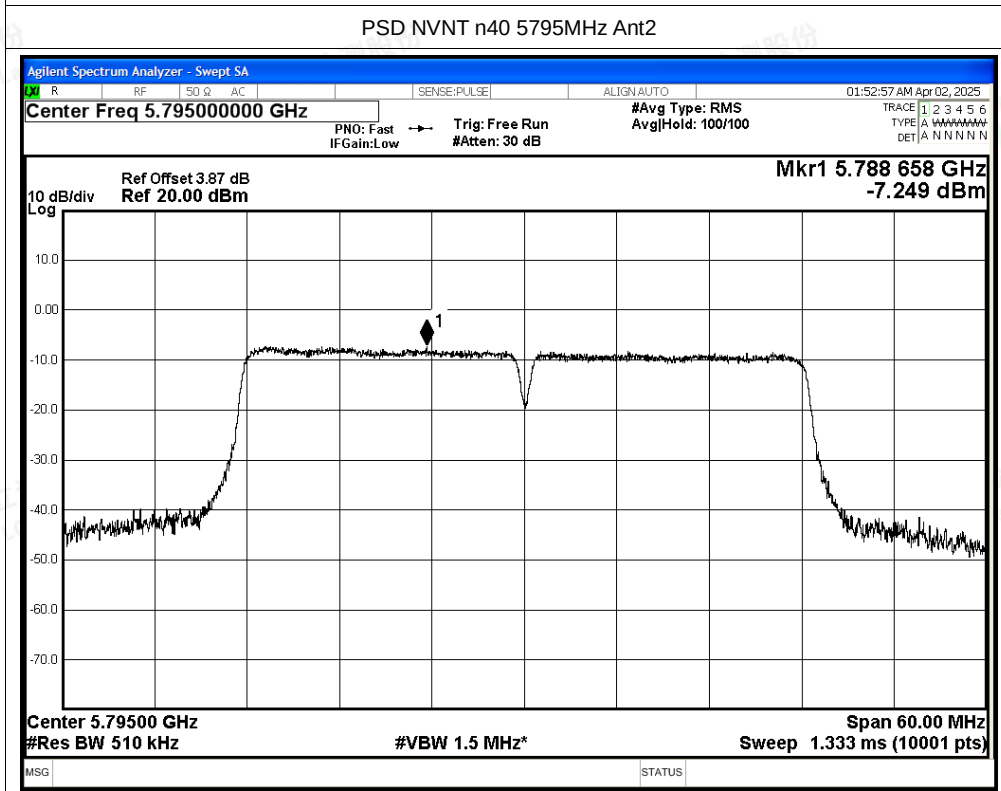
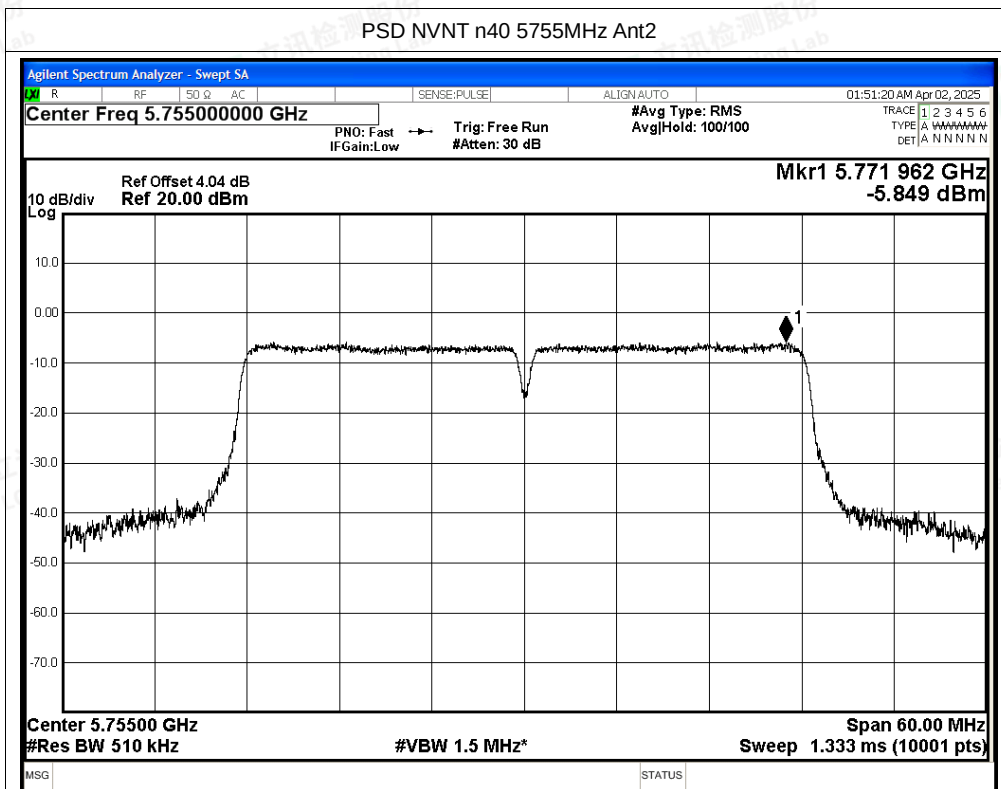
PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant2

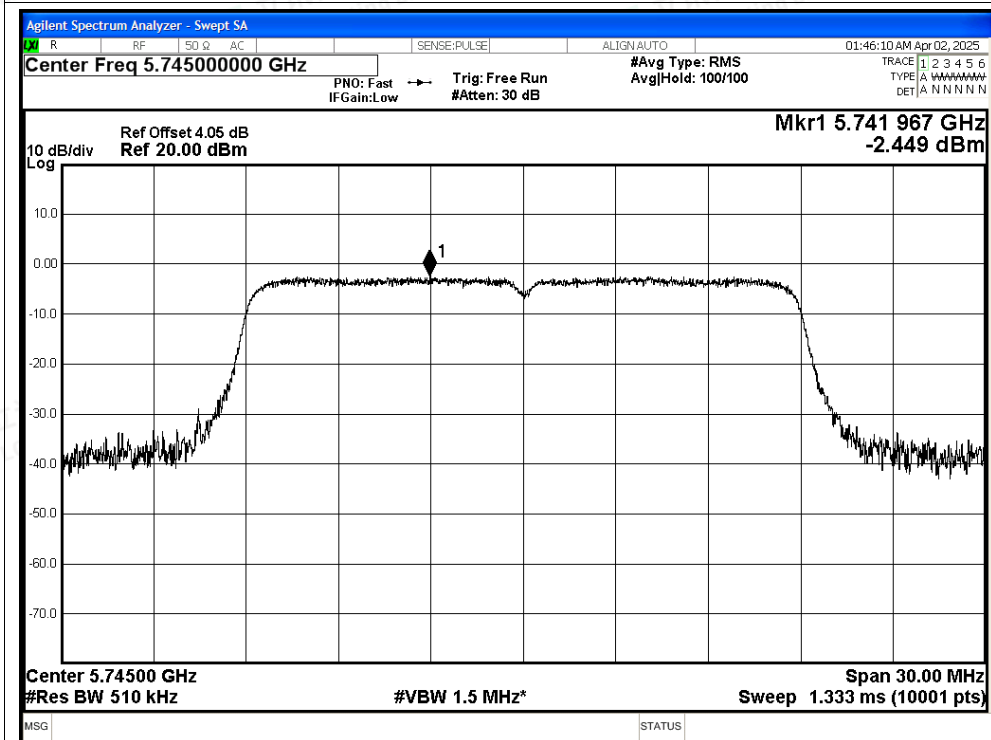




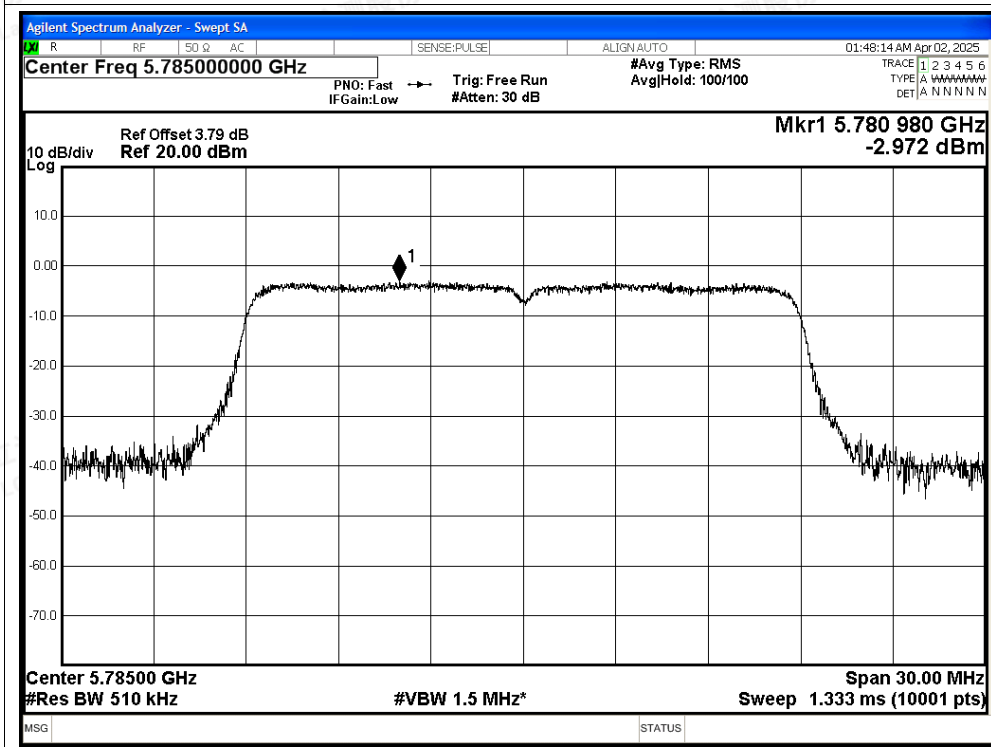




## PSD NVNT ac20 5745MHz Ant2



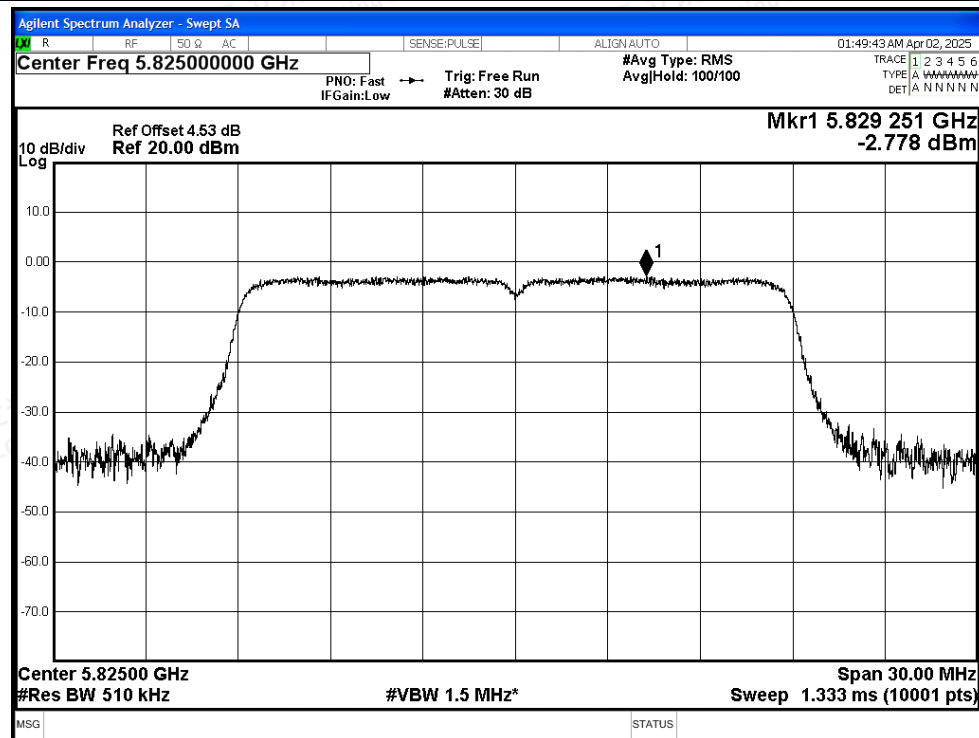
## PSD NVNT ac20 5785MHz Ant2



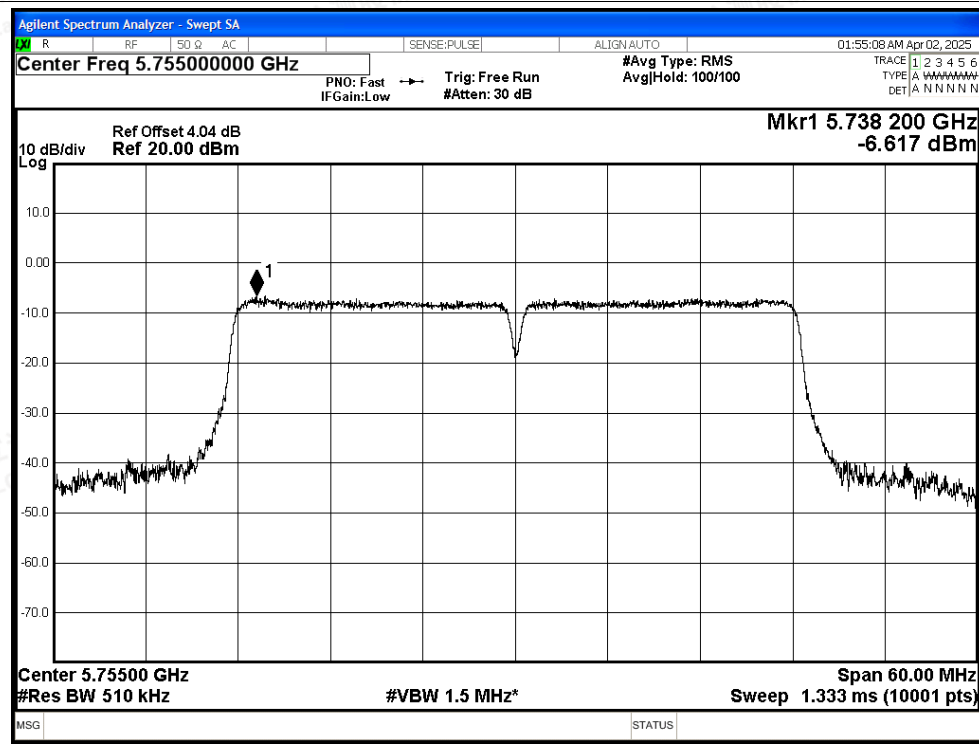




## PSD NVNT ac20 5825MHz Ant2

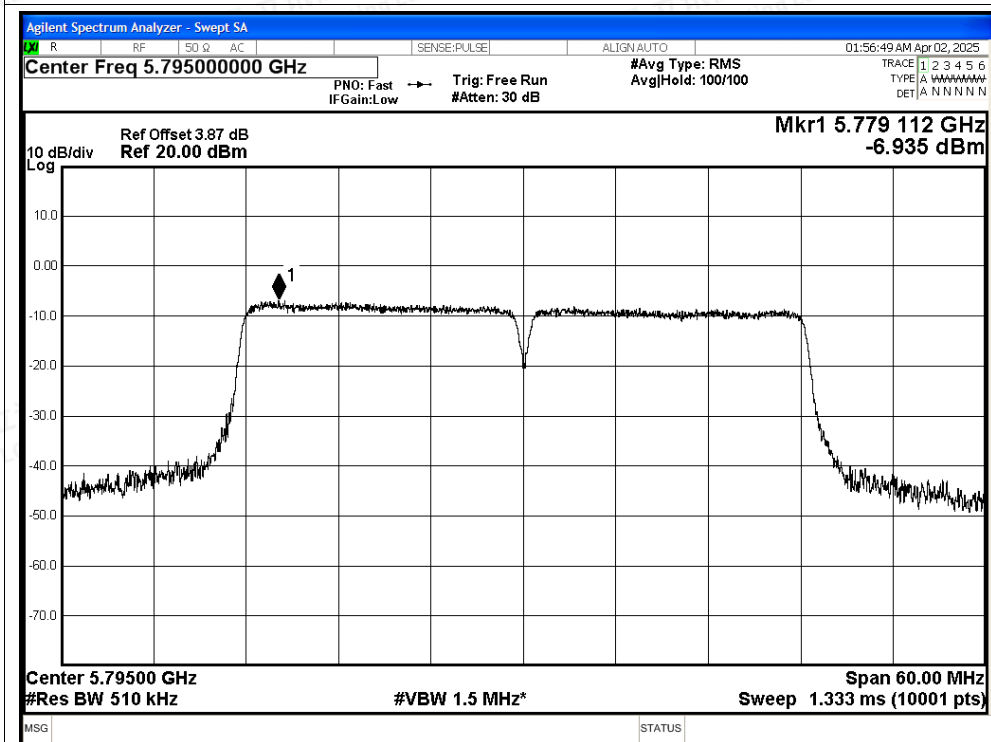


## PSD NVNT ac40 5755MHz Ant2

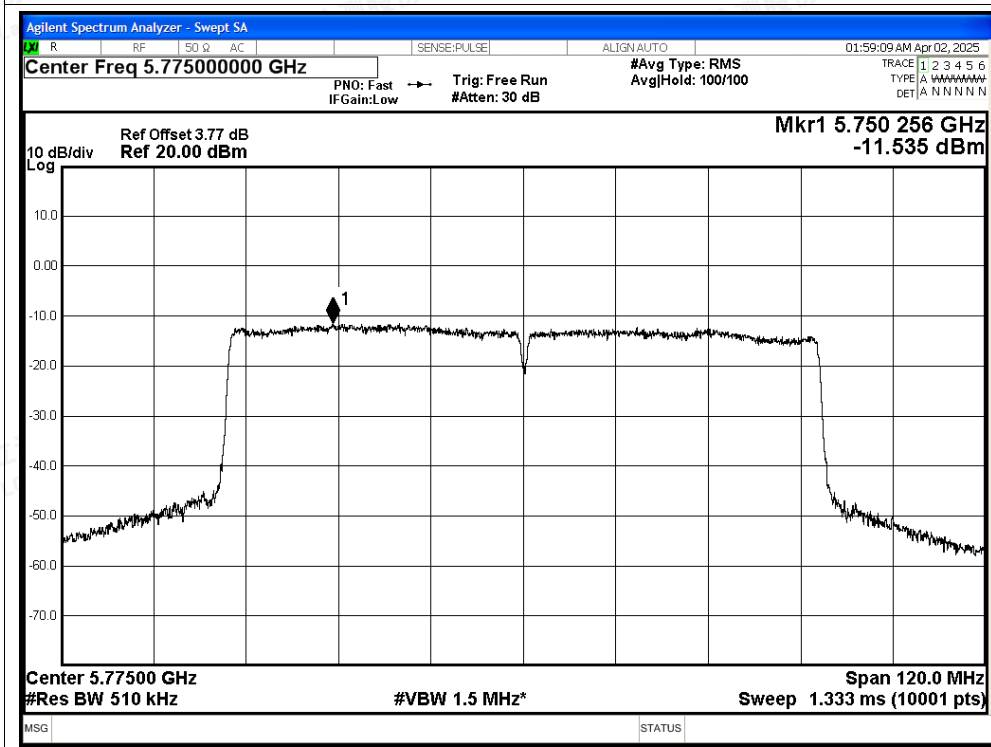




## PSD NVNT ac40 5795MHz Ant2



## PSD NVNT ac80 5775MHz Ant2





## 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            | Ant2    | 5650            | -48.66      | 3.22       | -                | -45.44           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5650            | -57.02      | 3.22       | 0.24             | -53.56           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5700            | -45.48      | 3.22       | -                | -42.26           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5700            | -53.97      | 3.22       | 0.24             | -50.51           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5720            | -30.58      | 3.22       | -                | -27.36           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5720            | -45.92      | 3.22       | 0.24             | -42.46           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5725            | -27.72      | 3.22       | -                | -24.50           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5725            | -43.55      | 3.22       | 0.24             | -40.09           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5850            | -33.12      | 3.22       | -                | -29.90           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5850            | -48.4       | 3.22       | 0.24             | -44.94           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5855            | -36.84      | 3.22       | -                | -33.62           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5855            | -52.87      | 3.22       | 0.24             | -49.41           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5875            | -45.48      | 3.22       | -                | -42.26           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5875            | -54.12      | 3.22       | 0.24             | -50.66           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5925            | -47.04      | 3.22       | -                | -43.82           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5925            | -55.76      | 3.22       | 0.24             | -52.30           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5650            | -48.11      | 3.22       | -                | -44.89           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5650            | -55.97      | 3.22       | 0                | -52.75           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5700            | -45.74      | 3.22       | -                | -42.52           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5700            | -54.15      | 3.22       | 0                | -50.93           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5720            | -31.91      | 3.22       | -                | -28.69           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5720            | -43.41      | 3.22       | 0                | -40.19           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5725            | -23.17      | 3.22       | -                | -19.95           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5725            | -40.1       | 3.22       | 0                | -36.88           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5850            | -30.89      | 3.22       | -                | -27.67           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5850            | -45.85      | 3.22       | 0                | -42.63           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5855            | -31.54      | 3.22       | -                | -28.32           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5855            | -47.91      | 3.22       | 0                | -44.69           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5875            | -46.41      | 3.22       | -                | -43.19           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5875            | -54.3       | 3.22       | 0                | -51.08           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5925            | -48.01      | 3.22       | -                | -44.79           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5925            | -55.41      | 3.22       | 0                | -52.19           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 5650            | -47.34      | 3.22       | -                | -44.12           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 5650            | -56.63      | 3.22       | 0.16             | -53.25           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 5700            | -45.09      | 3.22       | -                | -41.87           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 5700            | -54.51      | 3.22       | 0.16             | -51.13           | Average  | 10          | Pass    |



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|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant2 | 5720 | -25.78 | 3.22 | -    | -22.56 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant2 | 5720 | -43.86 | 3.22 | 0.16 | -40.48 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant2 | 5725 | -28.9  | 3.22 | -    | -25.68 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant2 | 5725 | -43.07 | 3.22 | 0.16 | -39.69 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant2 | 5850 | -48.79 | 3.22 | -    | -45.57 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant2 | 5850 | -56.15 | 3.22 | 0.16 | -52.77 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant2 | 5855 | -48.7  | 3.22 | -    | -45.48 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant2 | 5855 | -56.75 | 3.22 | 0.16 | -53.37 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant2 | 5875 | -49.51 | 3.22 | -    | -46.29 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant2 | 5875 | -57.62 | 3.22 | 0.16 | -54.24 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant2 | 5925 | -49.17 | 3.22 | -    | -45.95 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant2 | 5925 | -56.72 | 3.22 | 0.16 | -53.34 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5650 | -45.87 | 3.22 | -    | -42.65 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5650 | -56.19 | 3.22 | 0    | -52.97 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5700 | -45.73 | 3.22 | -    | -42.51 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5700 | -54.76 | 3.22 | 0    | -51.54 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5720 | -32.97 | 3.22 | -    | -29.75 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5720 | -45.35 | 3.22 | 0    | -42.13 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5725 | -23.78 | 3.22 | -    | -20.56 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5725 | -39.15 | 3.22 | 0    | -35.93 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5850 | -31.53 | 3.22 | -    | -28.31 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5850 | -44.78 | 3.22 | 0    | -41.56 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5855 | -35.4  | 3.22 | -    | -32.18 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5855 | -49.99 | 3.22 | 0    | -46.77 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5875 | -46.93 | 3.22 | -    | -43.71 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5875 | -54.23 | 3.22 | 0    | -51.01 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5925 | -48.21 | 3.22 | -    | -44.99 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5925 | -55.52 | 3.22 | 0    | -52.30 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5650 | -47.1  | 3.22 | -    | -43.88 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5650 | -56.54 | 3.22 | 0.16 | -53.16 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5700 | -45.38 | 3.22 | -    | -42.16 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5700 | -54.61 | 3.22 | 0.16 | -51.23 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5720 | -31.02 | 3.22 | -    | -27.80 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5720 | -46.73 | 3.22 | 0.16 | -43.35 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5725 | -28.02 | 3.22 | -    | -24.80 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5725 | -43.99 | 3.22 | 0.16 | -40.61 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5850 | -47.49 | 3.22 | -    | -44.27 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5850 | -55.93 | 3.22 | 0.16 | -52.55 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5855 | -47.82 | 3.22 | -    | -44.60 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5855 | -56.17 | 3.22 | 0.16 | -52.79 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5875 | -48.63 | 3.22 | -    | -45.41 | Peak    | 10   | Pass |



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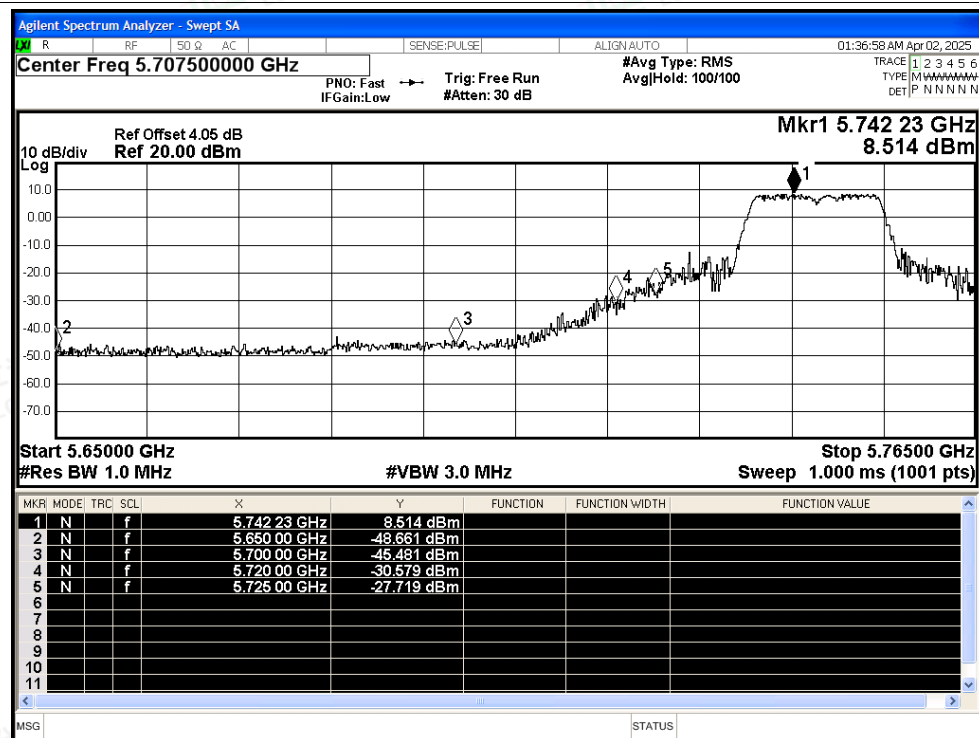
|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant2 | 5875 | -57.47 | 3.22 | 0.16 | -54.09 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5925 | -49.7  | 3.22 | -    | -46.48 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5925 | -56.83 | 3.22 | 0.16 | -53.45 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5650 | -48.38 | 3.22 | -    | -45.16 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5650 | -56.4  | 3.22 | 0.33 | -52.85 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5700 | -45.43 | 3.22 | -    | -42.21 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5700 | -54.43 | 3.22 | 0.33 | -50.88 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5720 | -36.02 | 3.22 | -    | -32.80 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5720 | -49.66 | 3.22 | 0.33 | -46.11 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5725 | -30.97 | 3.22 | -    | -27.75 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5725 | -47.52 | 3.22 | 0.33 | -43.97 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5850 | -46.94 | 3.22 | -    | -43.72 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5850 | -55.09 | 3.22 | 0.33 | -51.54 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5855 | -47.56 | 3.22 | -    | -44.34 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5855 | -55.09 | 3.22 | 0.33 | -51.54 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5875 | -47.14 | 3.22 | -    | -43.92 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5875 | -56.97 | 3.22 | 0.33 | -53.42 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5925 | -49.46 | 3.22 | -    | -46.24 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5925 | -57.13 | 3.22 | 0.33 | -53.58 | Average | -27  | Pass |



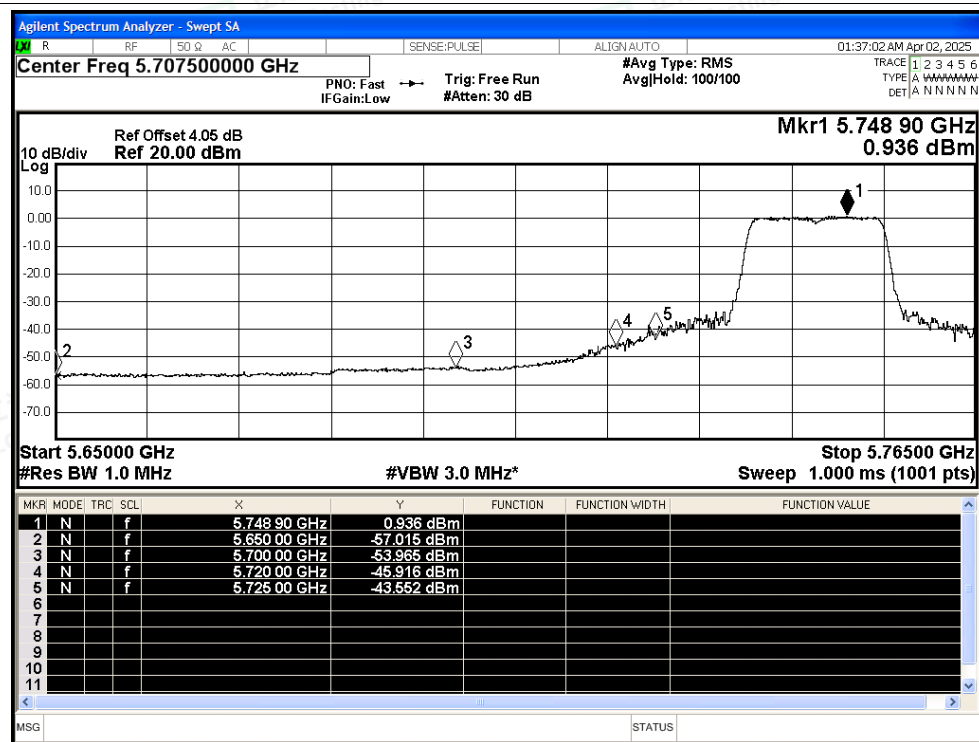


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant2 Peak



## Restrict Band NVNT a 5745MHz Ant2 Average



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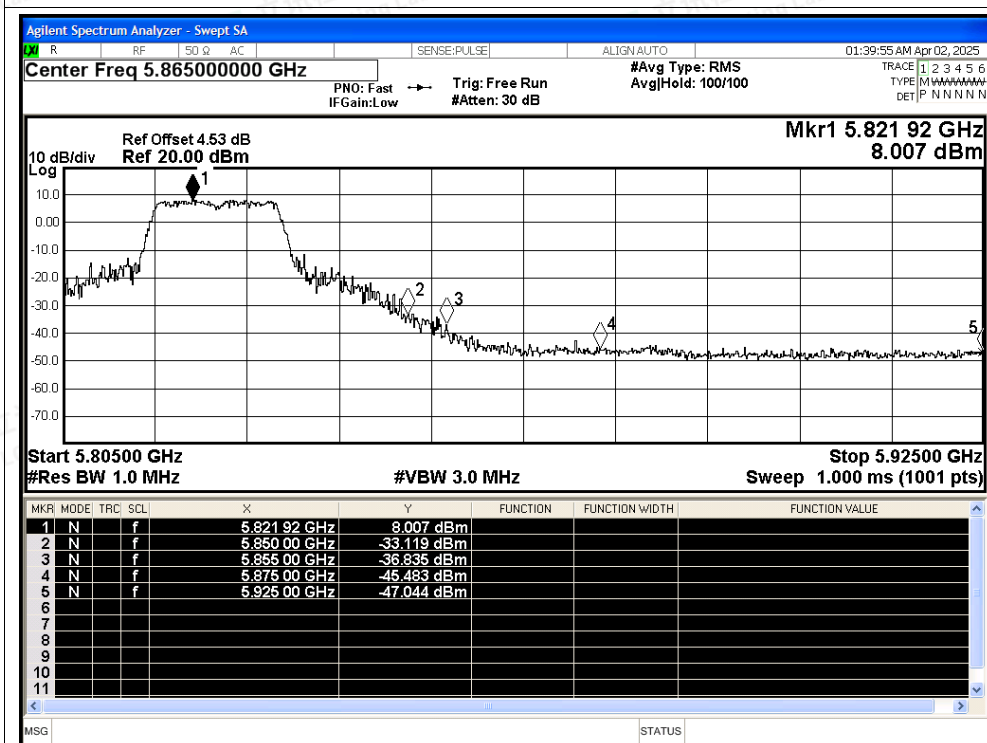
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

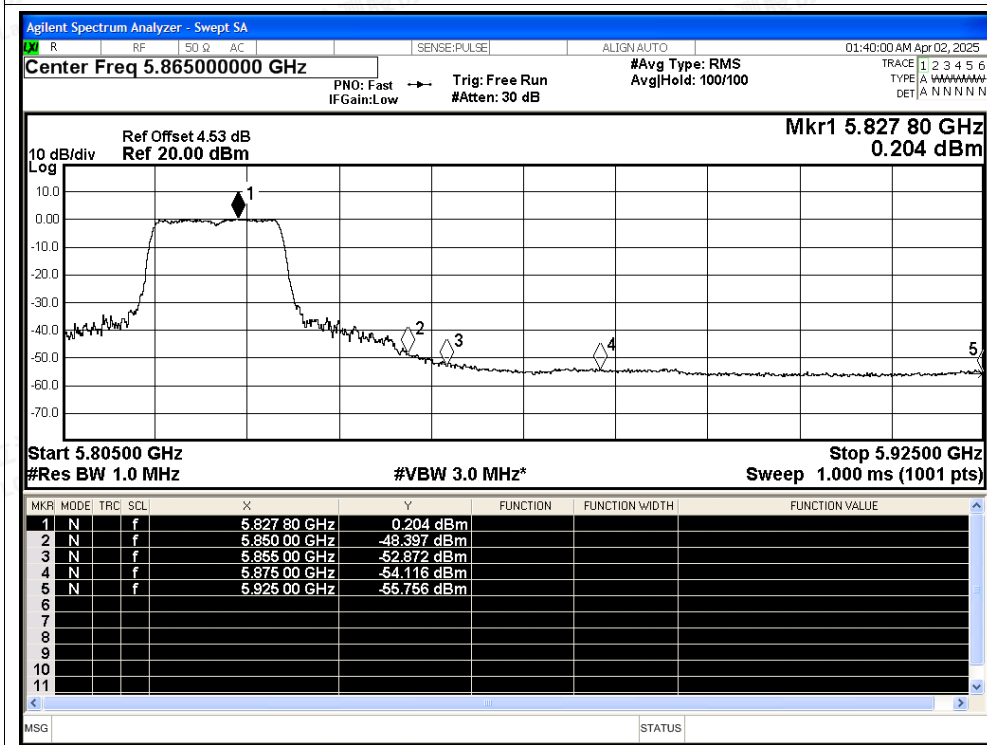




## Restrict Band NVNT a 5825MHz Ant2 Peak



## Restrict Band NVNT a 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

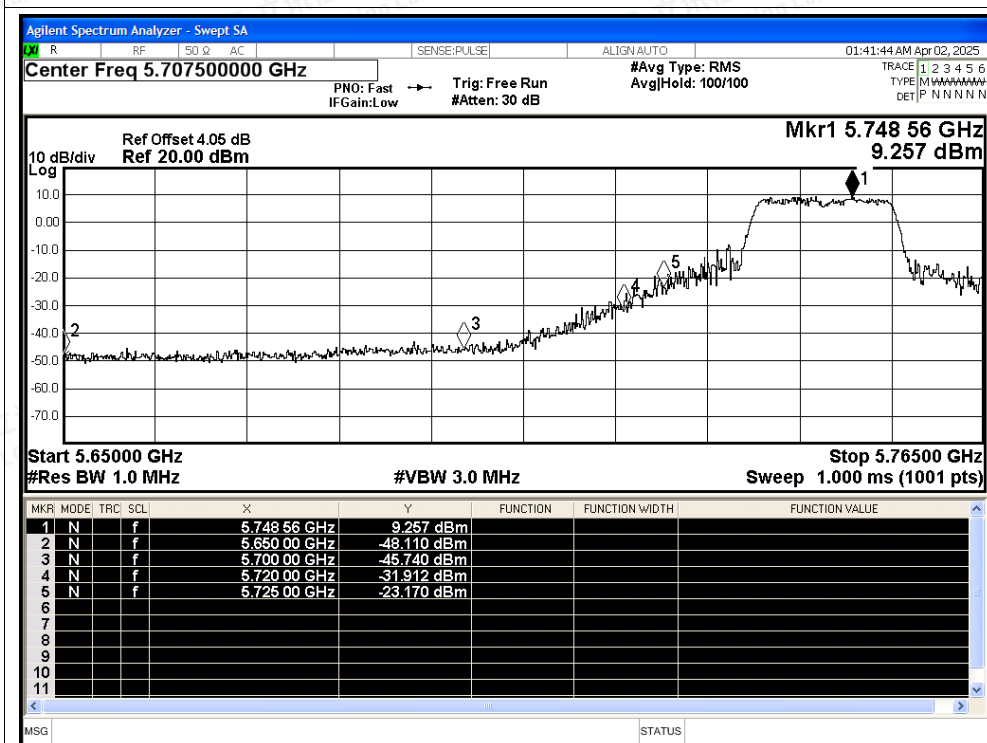
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

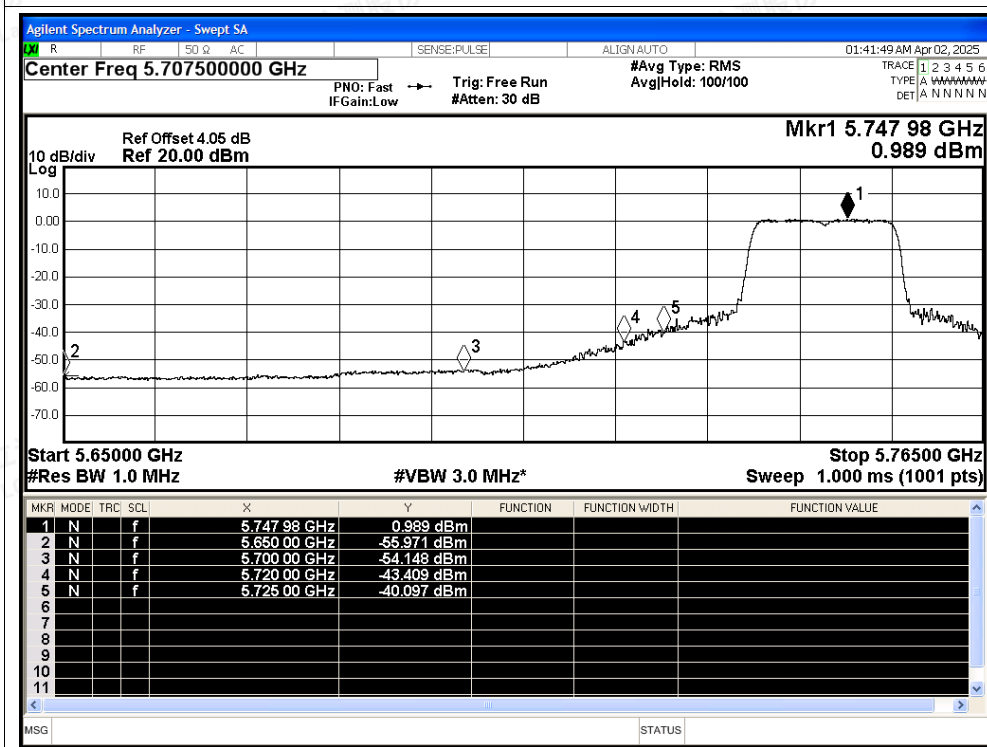
Scan code to check authenticity



## Restrict Band NVNT n20 5745MHz Ant2 Peak



## Restrict Band NVNT n20 5745MHz Ant2 Average



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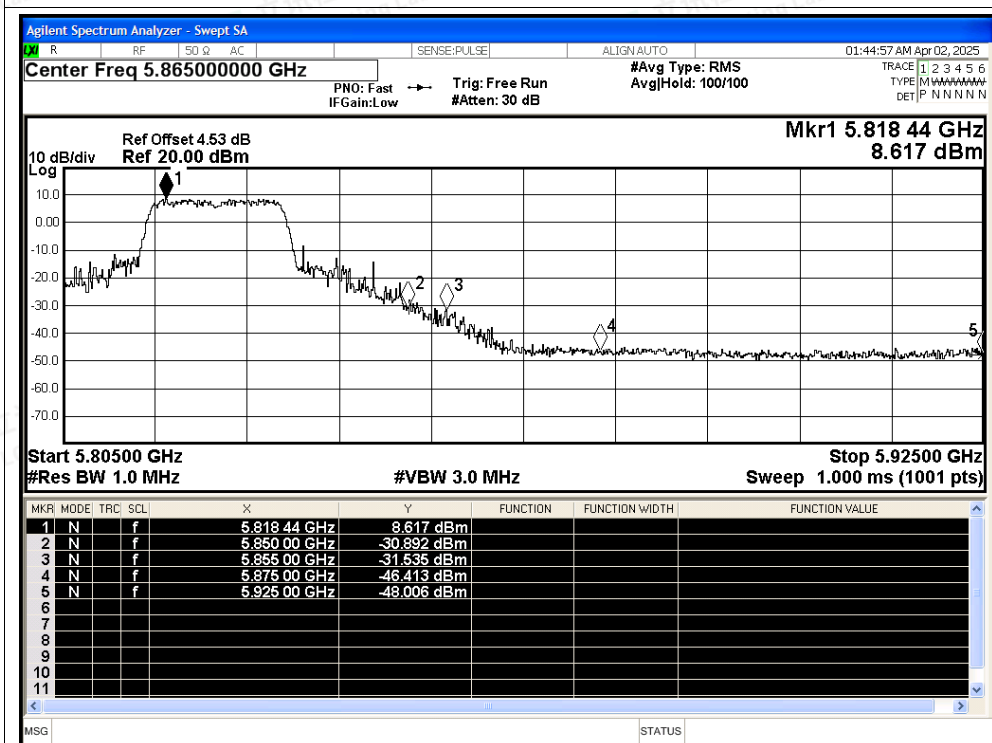
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

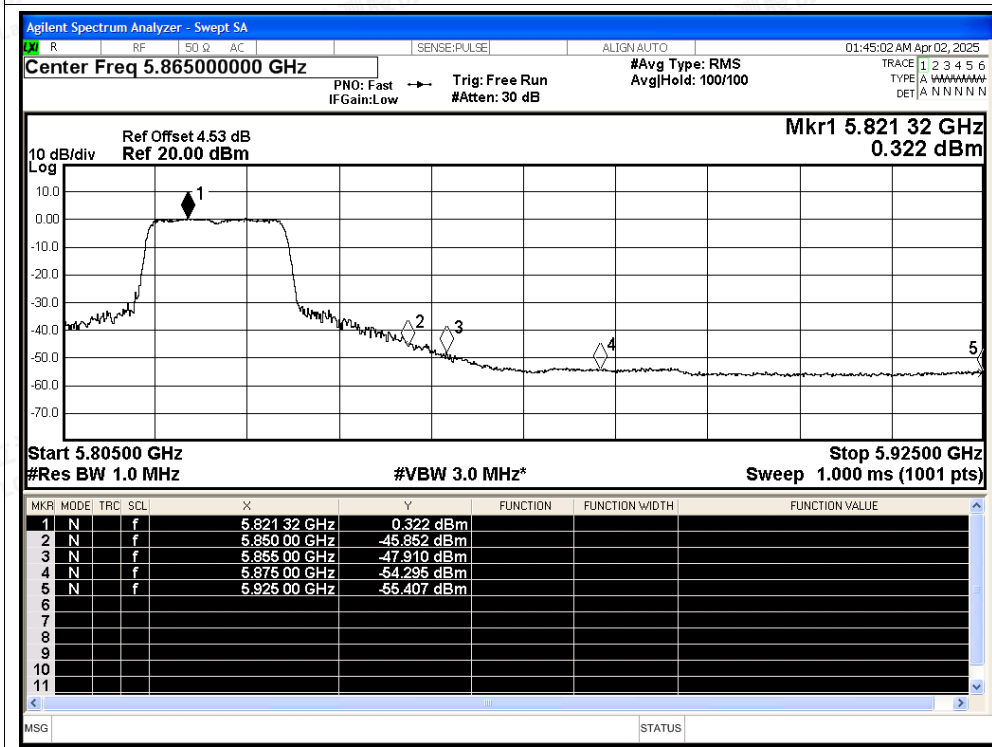




## Restrict Band NVNT n20 5825MHz Ant2 Peak



## Restrict Band NVNT n20 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

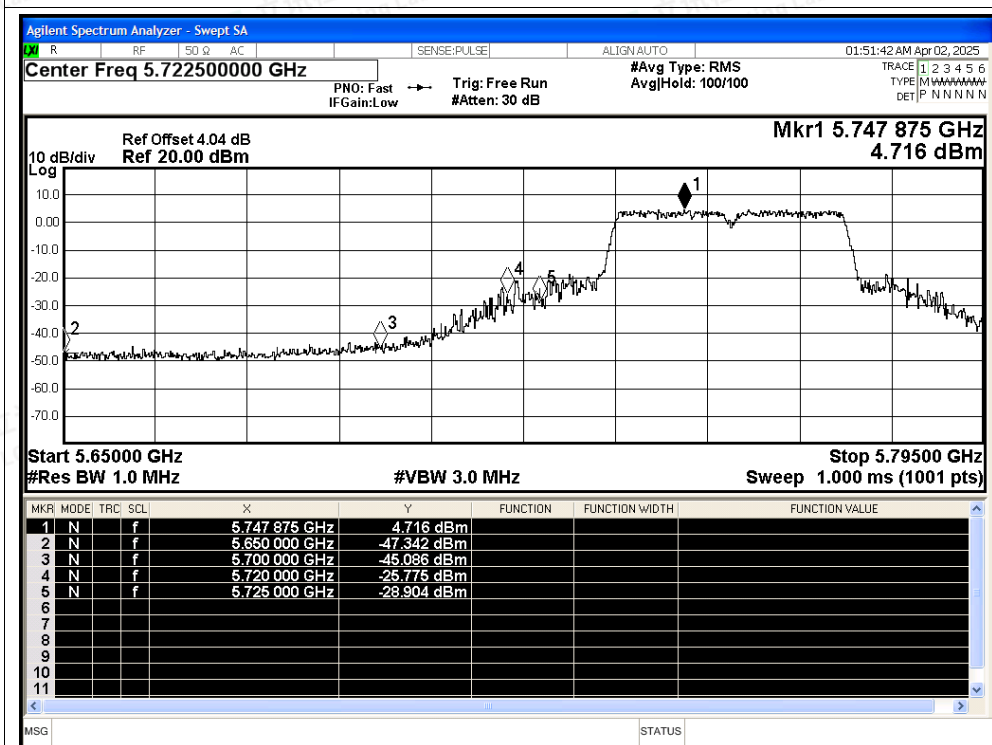
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

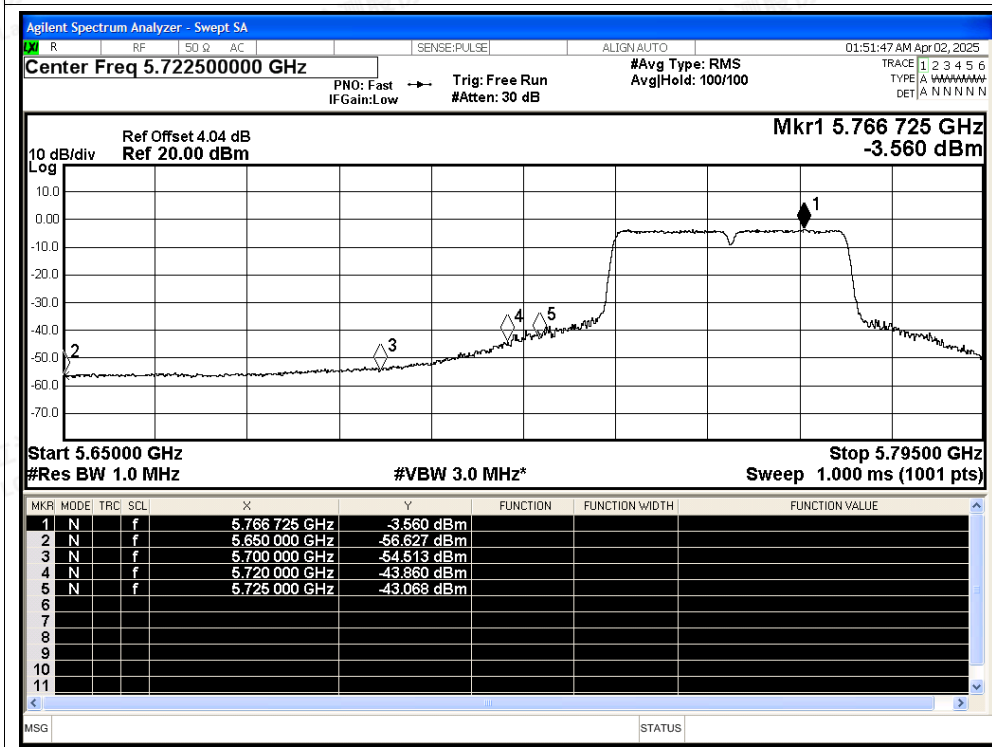
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## Restrict Band NVNT n40 5755MHz Ant2 Peak



## Restrict Band NVNT n40 5755MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

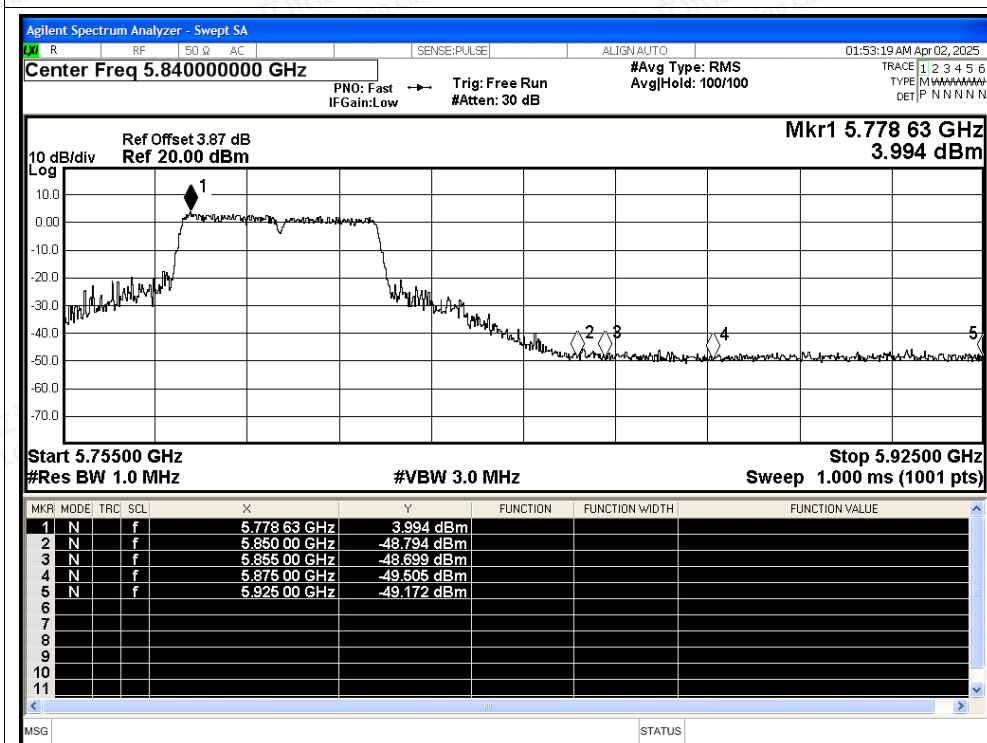
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

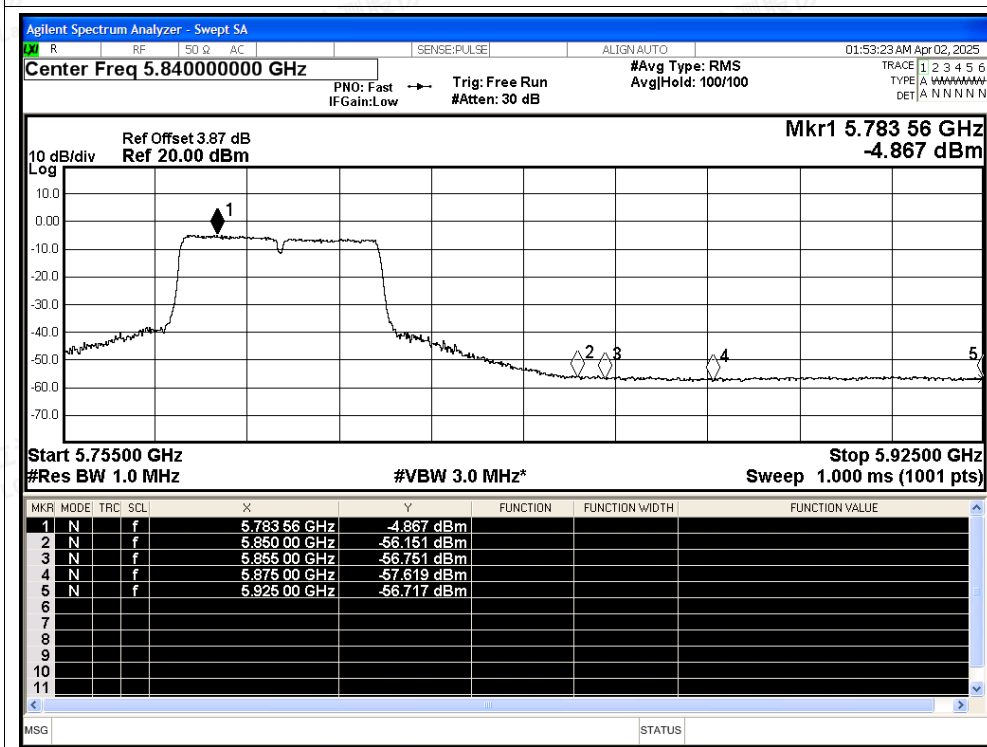
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant2 Peak

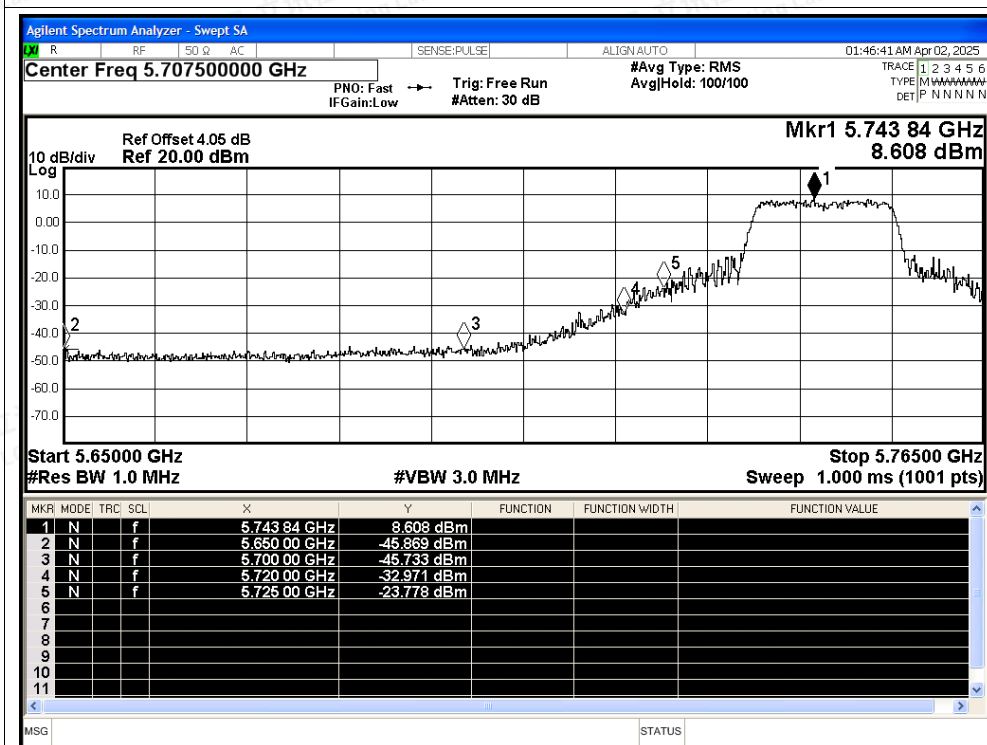


## Restrict Band NVNT n40 5795MHz Ant2 Average

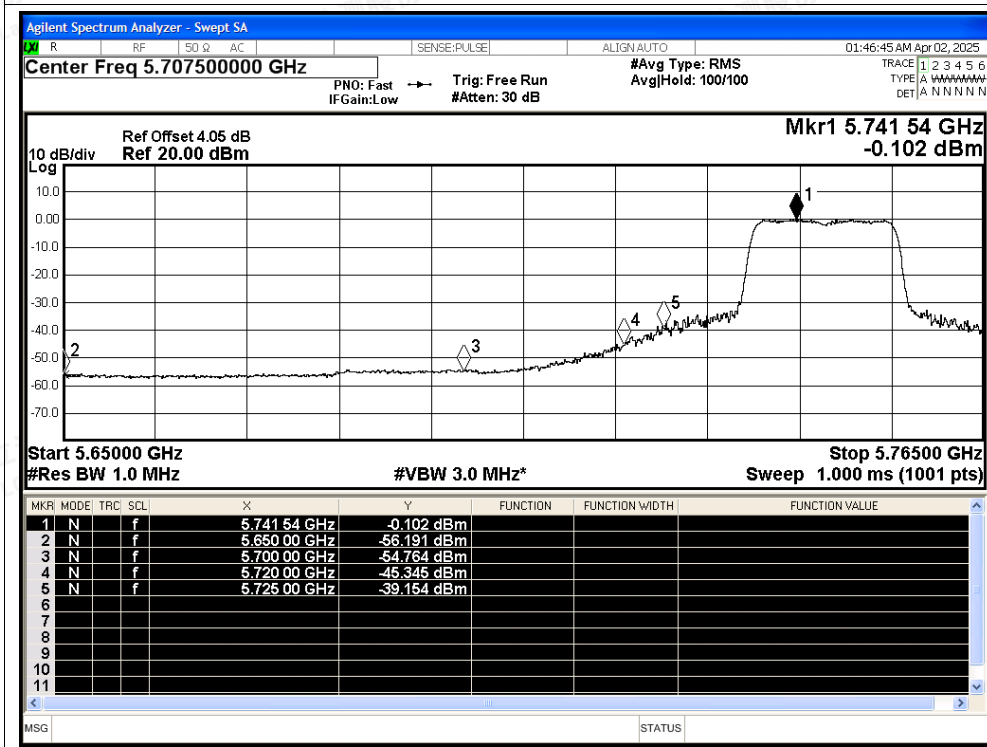




## Restrict Band NVNT ac20 5745MHz Ant2 Peak



## Restrict Band NVNT ac20 5745MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

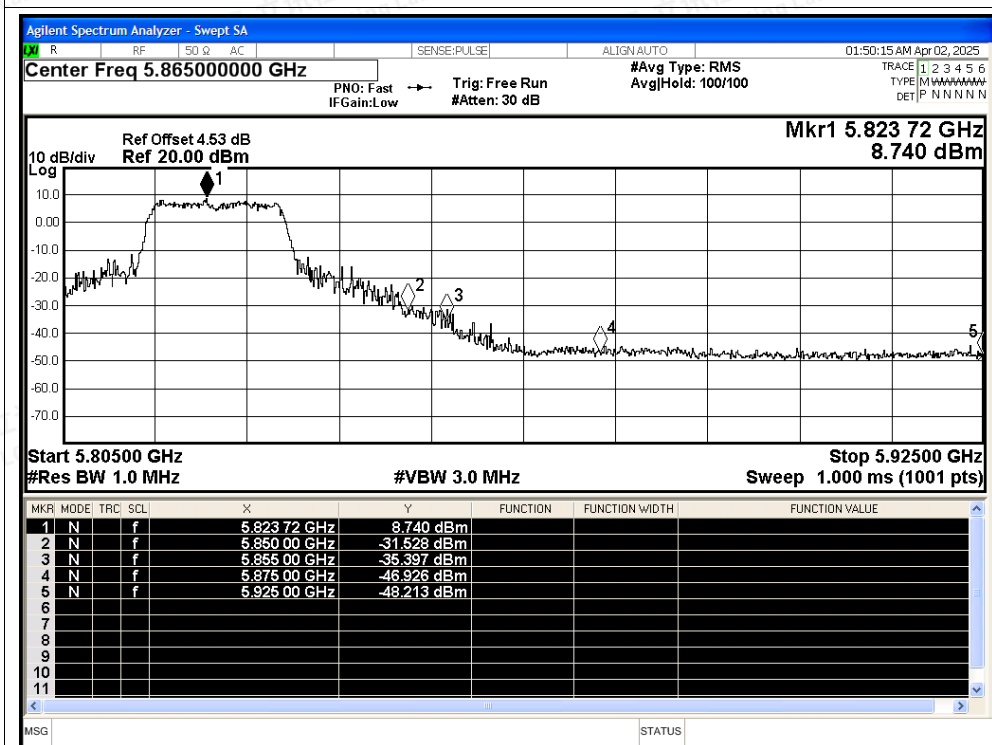
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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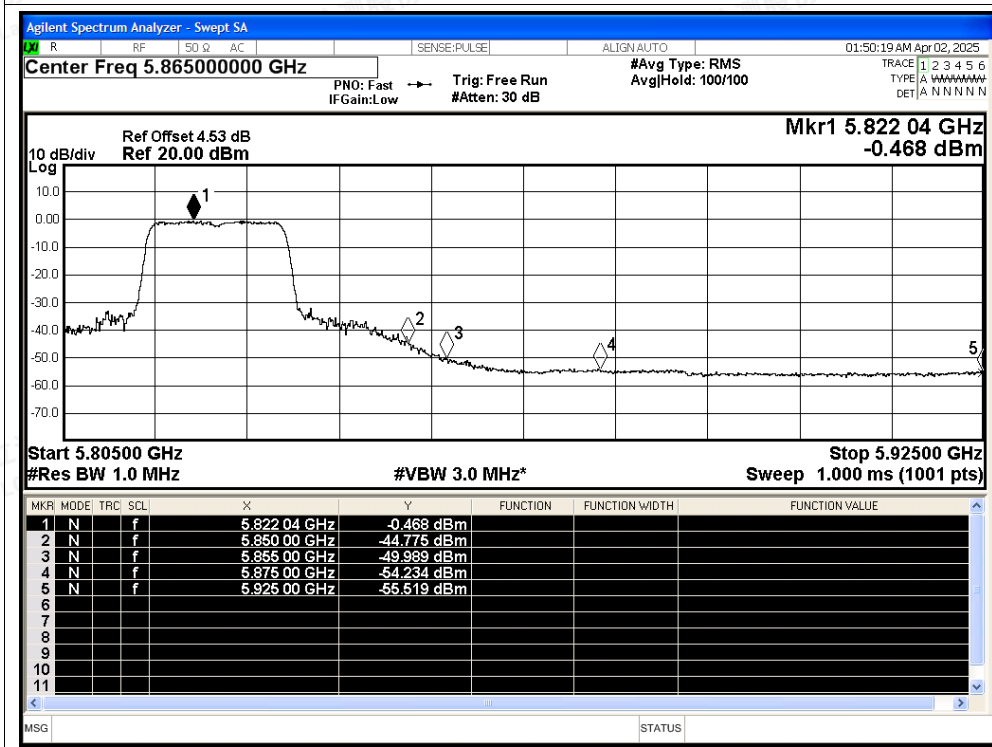
Scan code to check authenticity



## Restrict Band NVNT ac20 5825MHz Ant2 Peak



## Restrict Band NVNT ac20 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

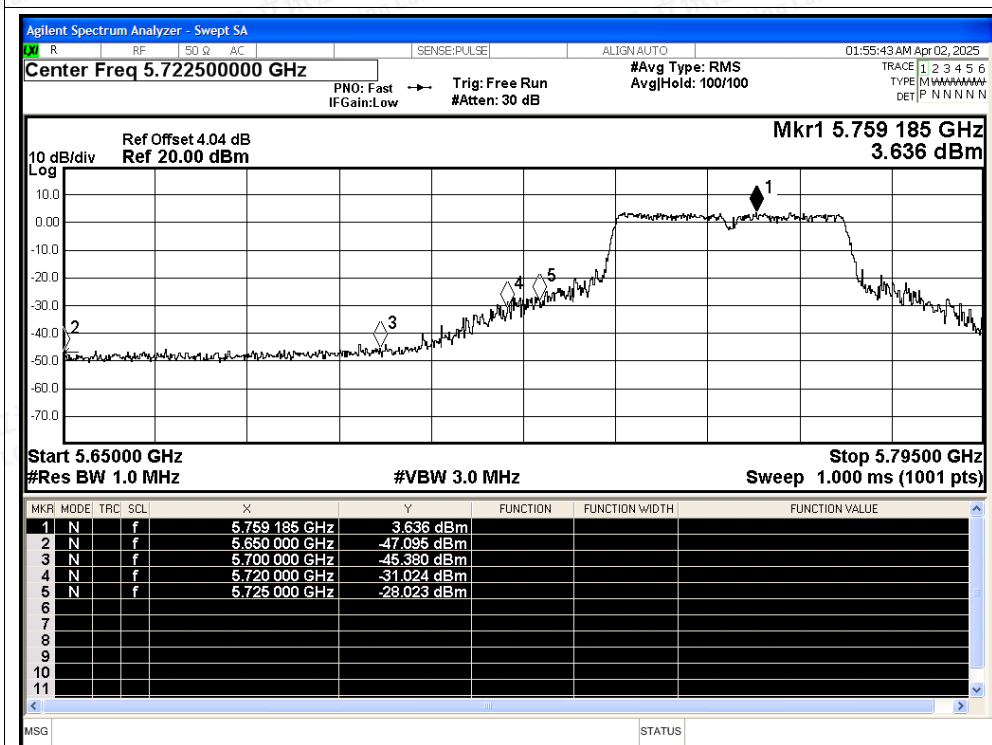
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

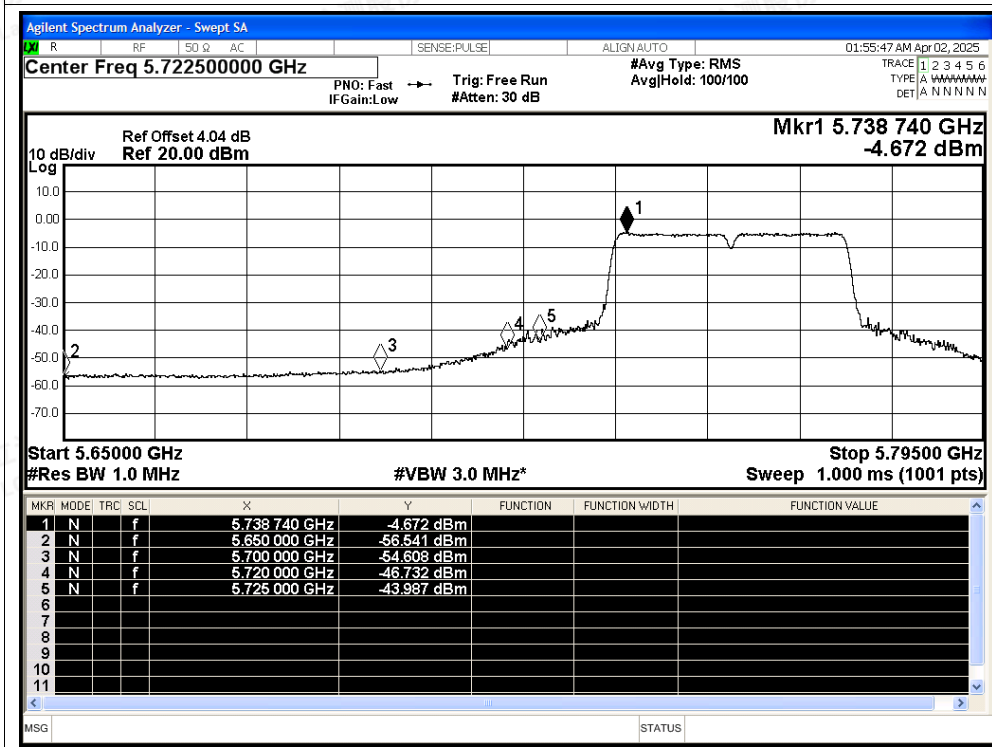
Scan code to check authenticity



## Restrict Band NVNT ac40 5755MHz Ant2 Peak



## Restrict Band NVNT ac40 5755MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

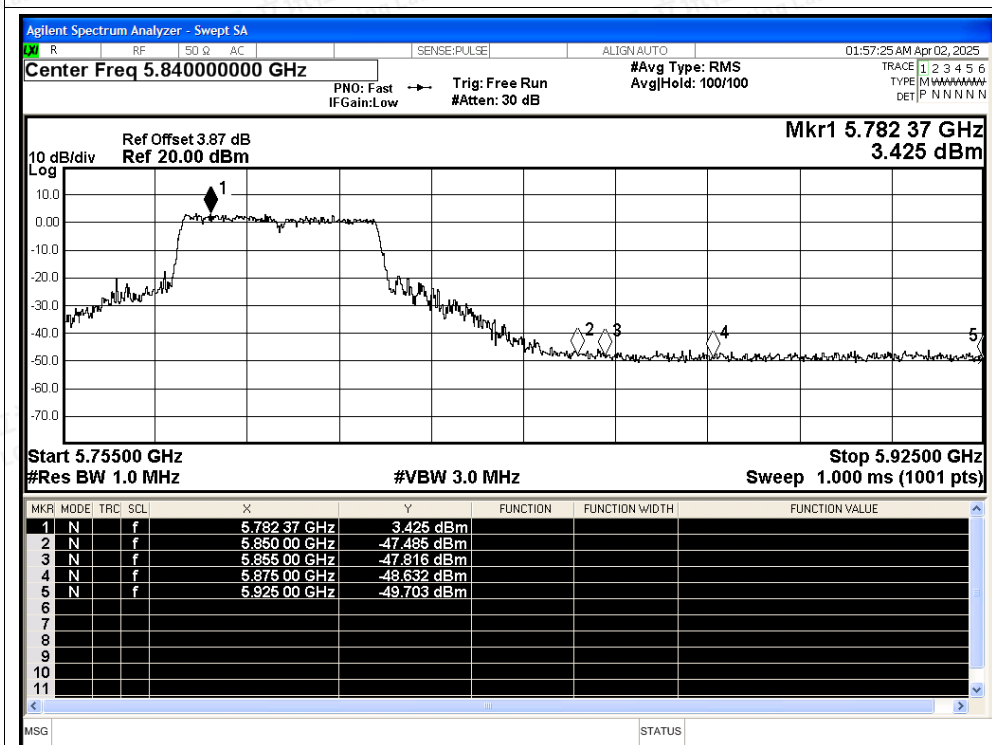
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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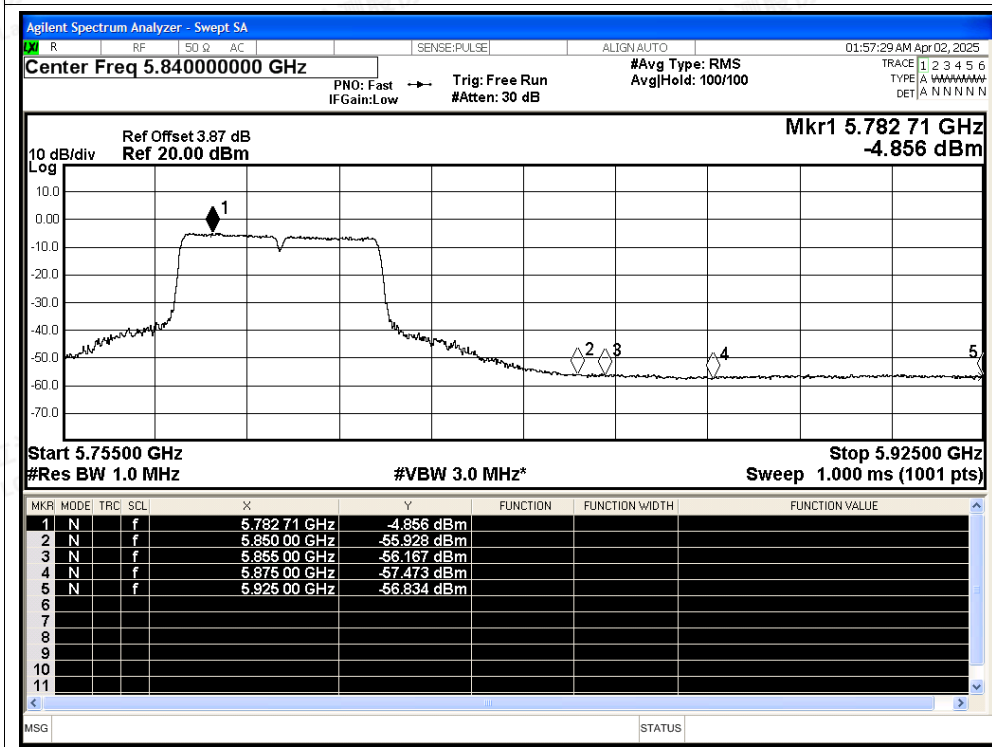
Scan code to check authenticity



## Restrict Band NVNT ac40 5795MHz Ant2 Peak



## Restrict Band NVNT ac40 5795MHz Ant2 Average



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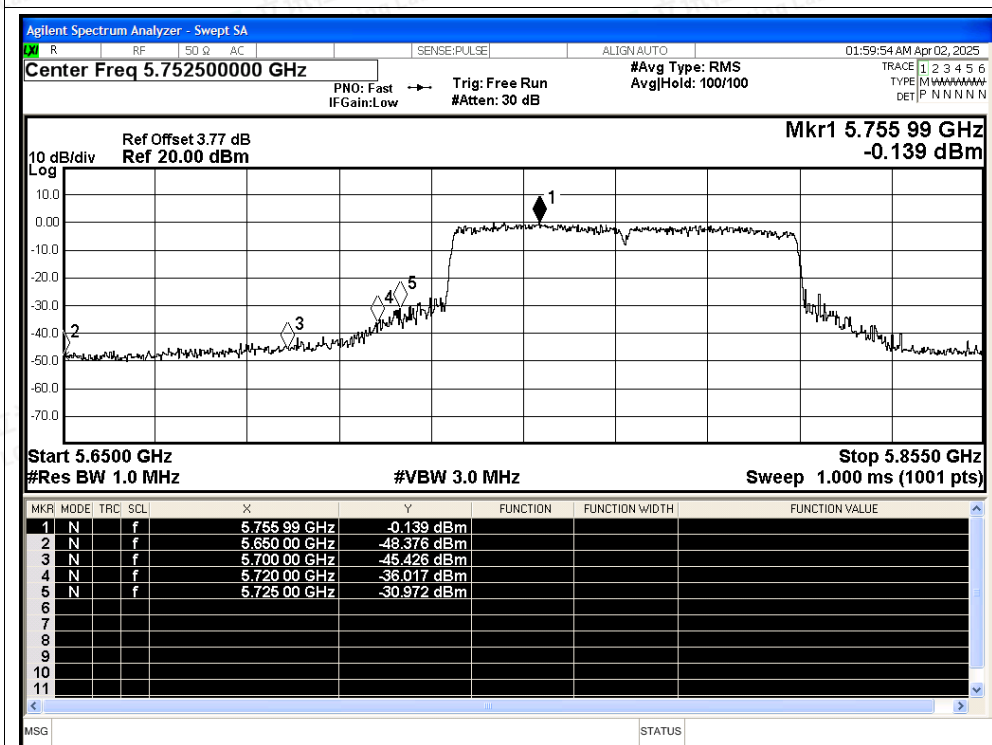
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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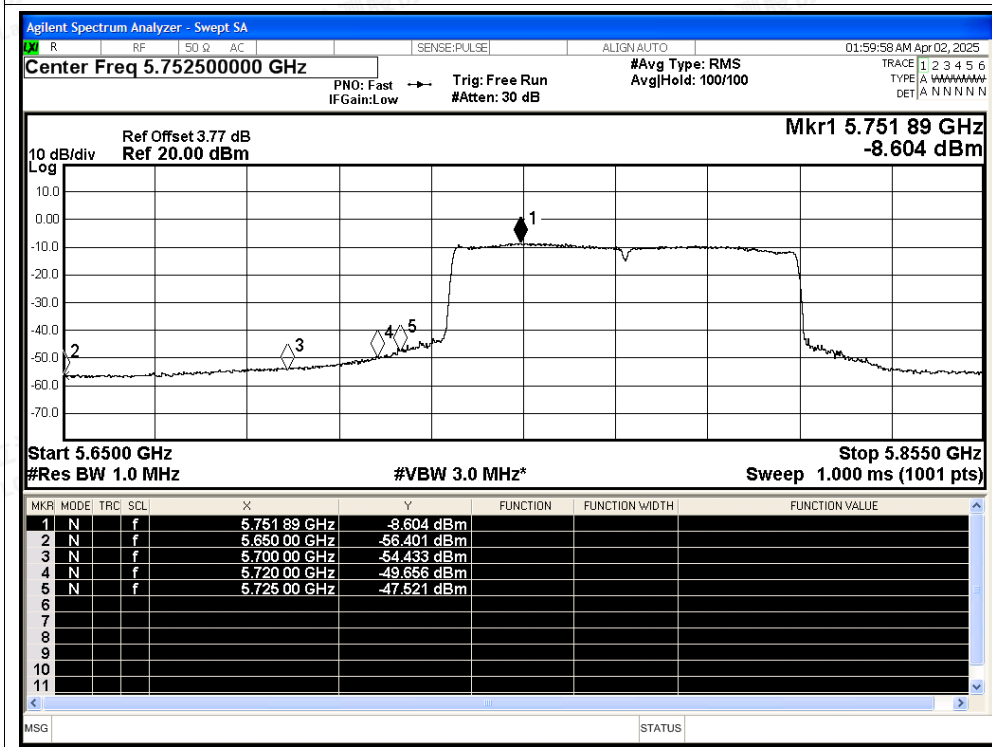




## Restrict Band NVNT ac80 5775MHz Ant2 Peak



## Restrict Band NVNT ac80 5775MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

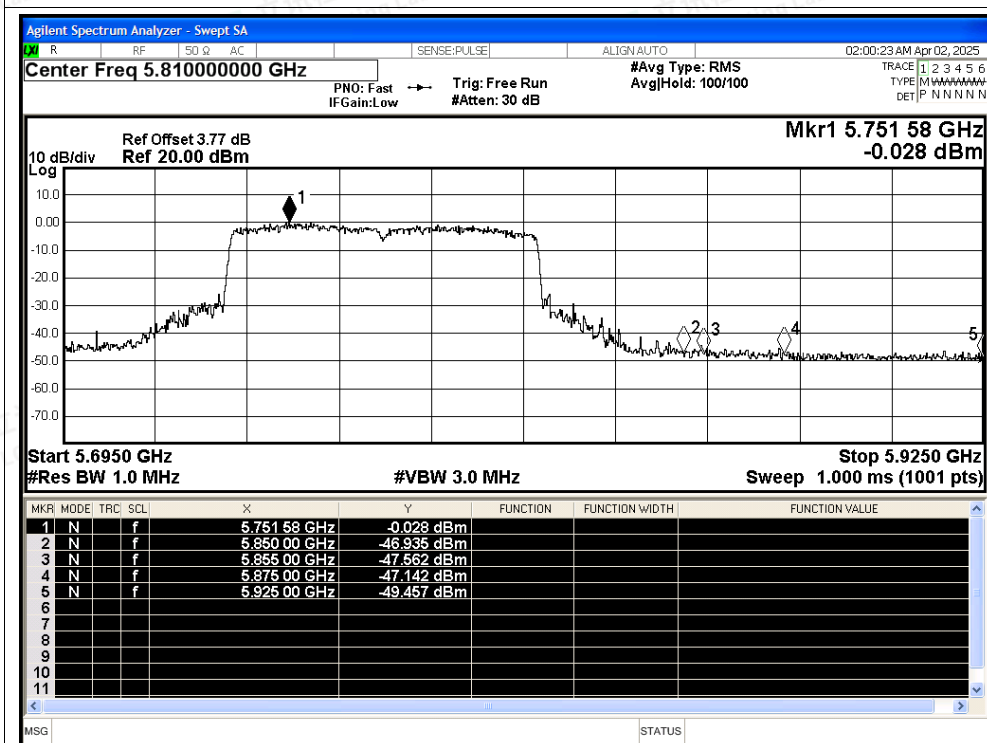
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

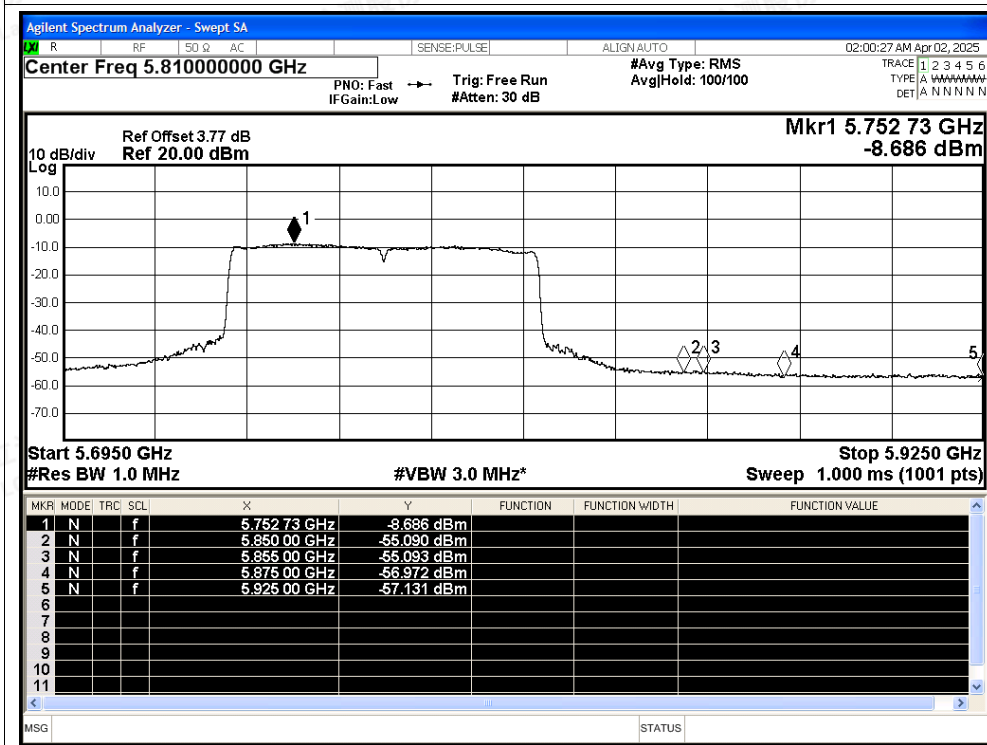
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant2 Peak



## Restrict Band NVNT ac80 5775MHz Ant2 Average



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## E.5 Frequency Stability

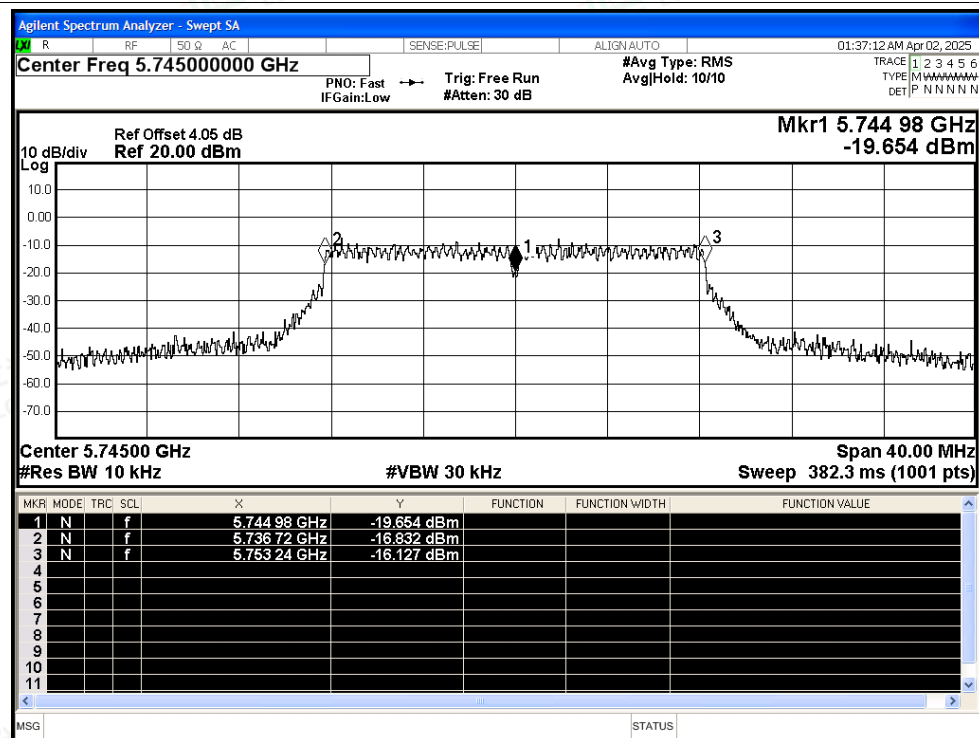
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant2    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | a    | 5785            | Ant2    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5825            | Ant2    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | n40  | 5795            | Ant2    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | 5755                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | 5794.96                  | -40000               | -6.9            | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | 5775                     | 0                    | 0               | 25          | Pass    |



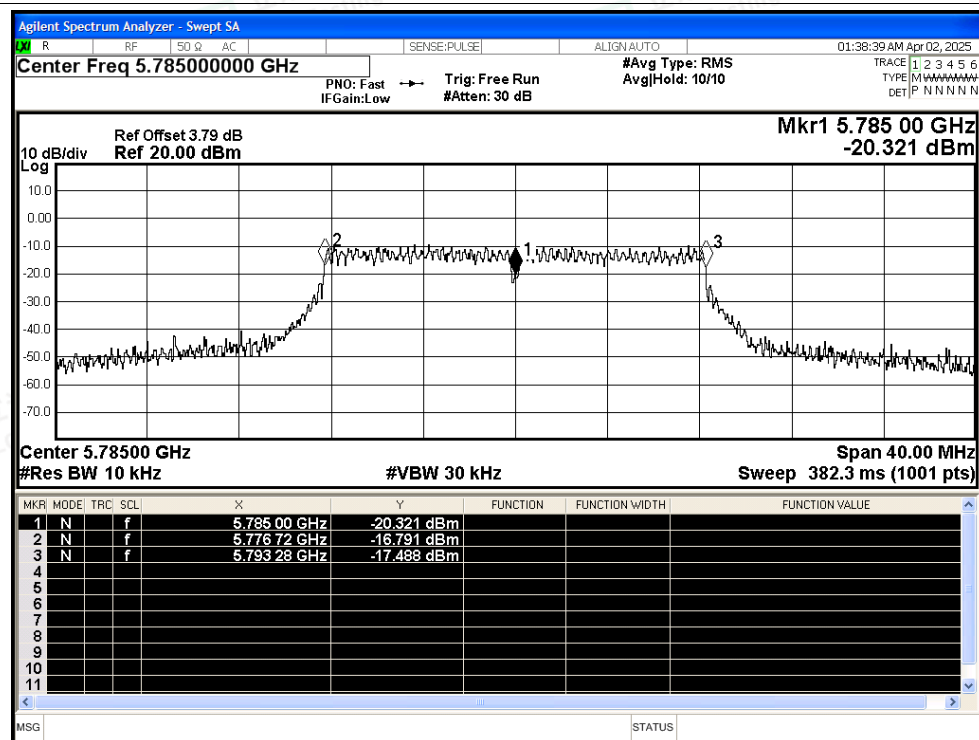


## Test Graphs

## Freq. Stability NVNT a 5745MHz Ant2

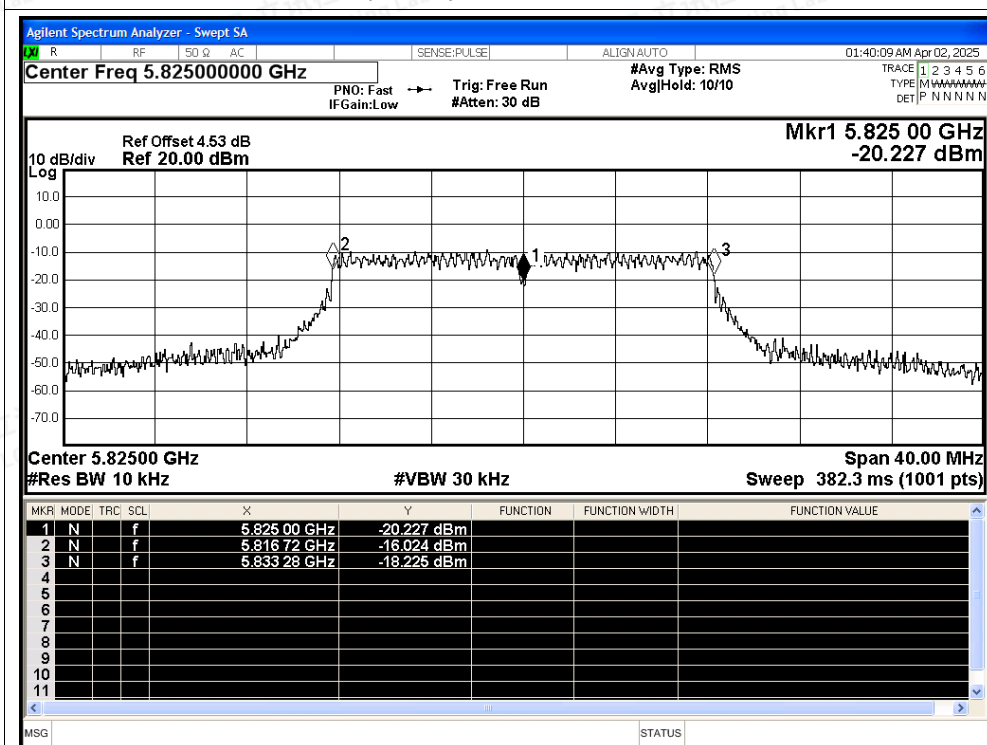


## Freq. Stability NVNT a 5785MHz Ant2

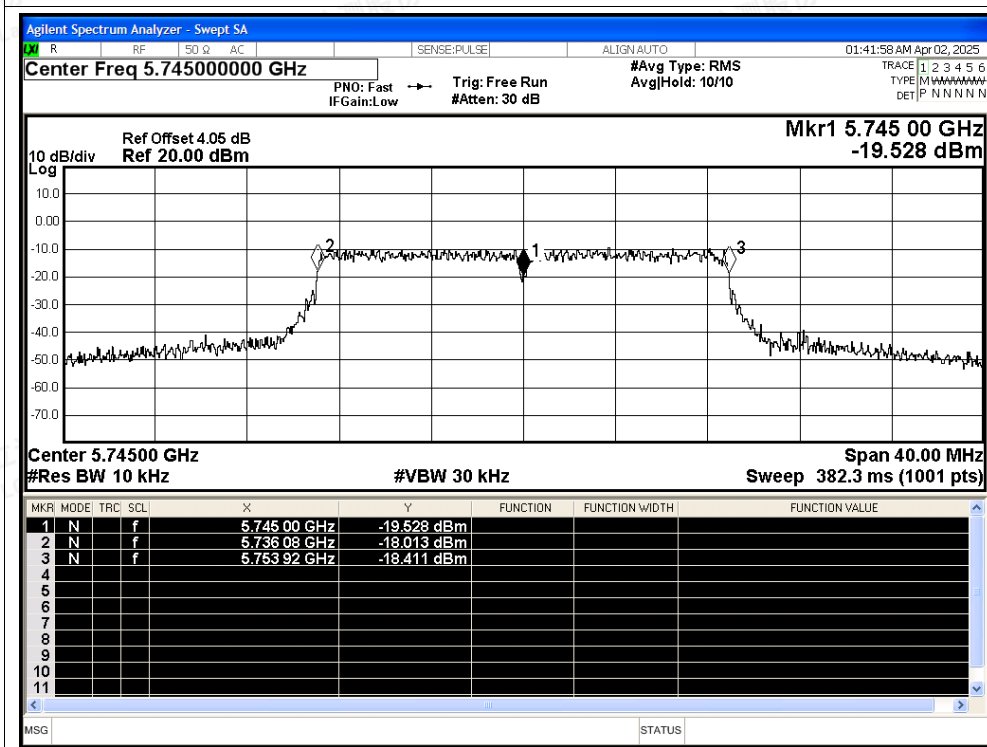




## Freq. Stability NVNT a 5825MHz Ant2



## Freq. Stability NVNT n20 5745MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

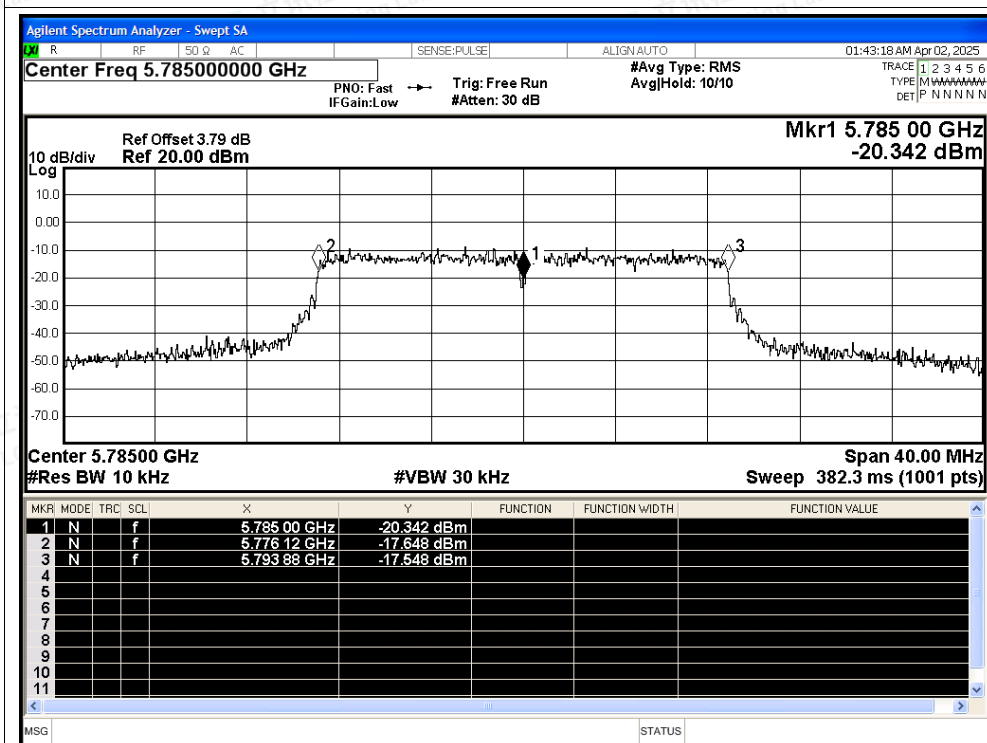
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

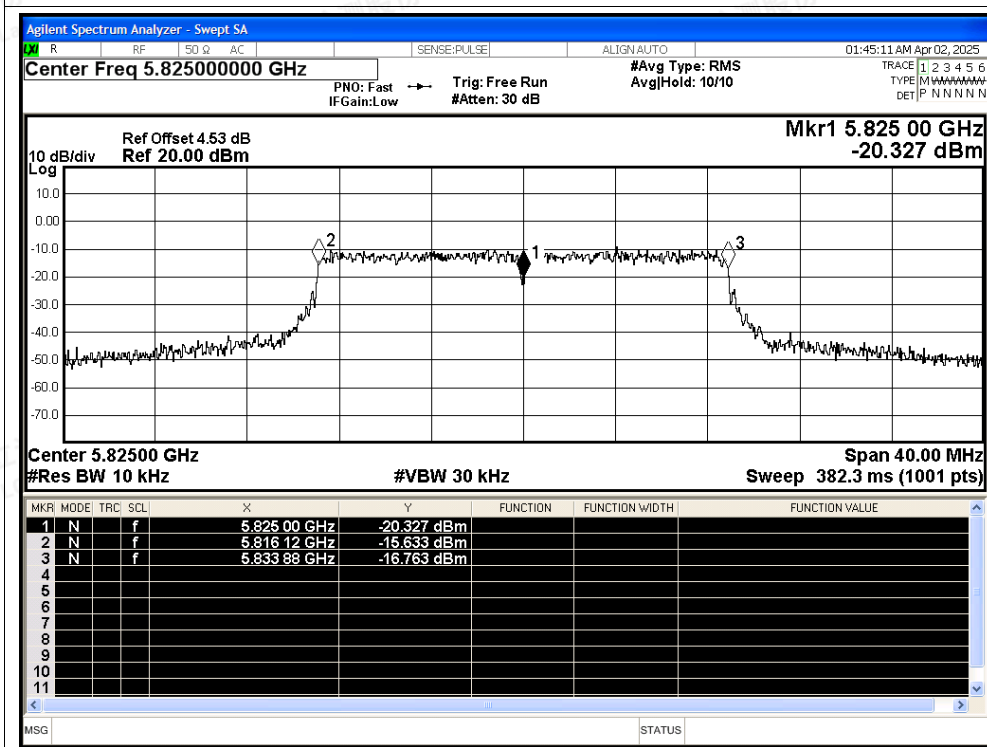
Scan code to check authenticity



## Freq. Stability NVNT n20 5785MHz Ant2



## Freq. Stability NVNT n20 5825MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

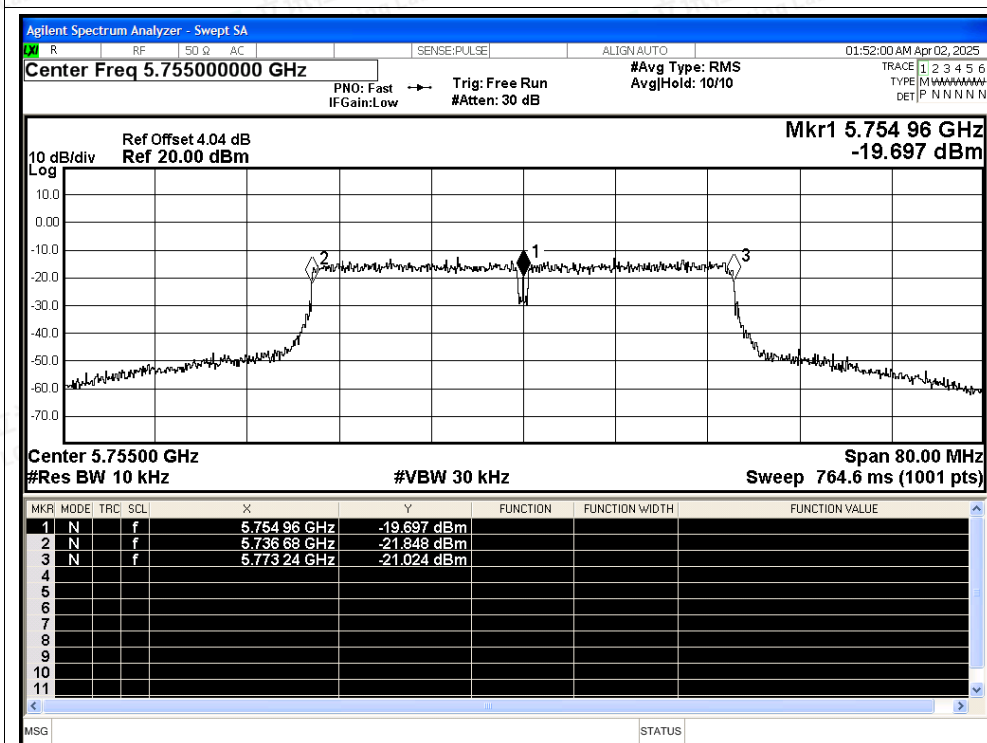
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

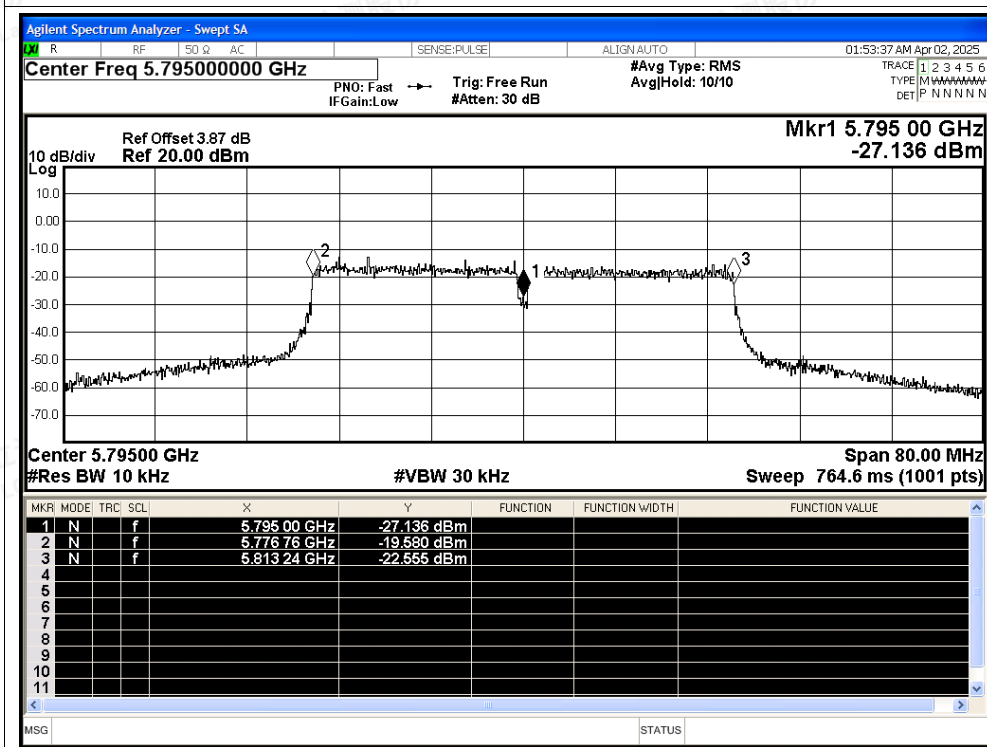
Scan code to check authenticity



## Freq. Stability NVNT n40 5755MHz Ant2



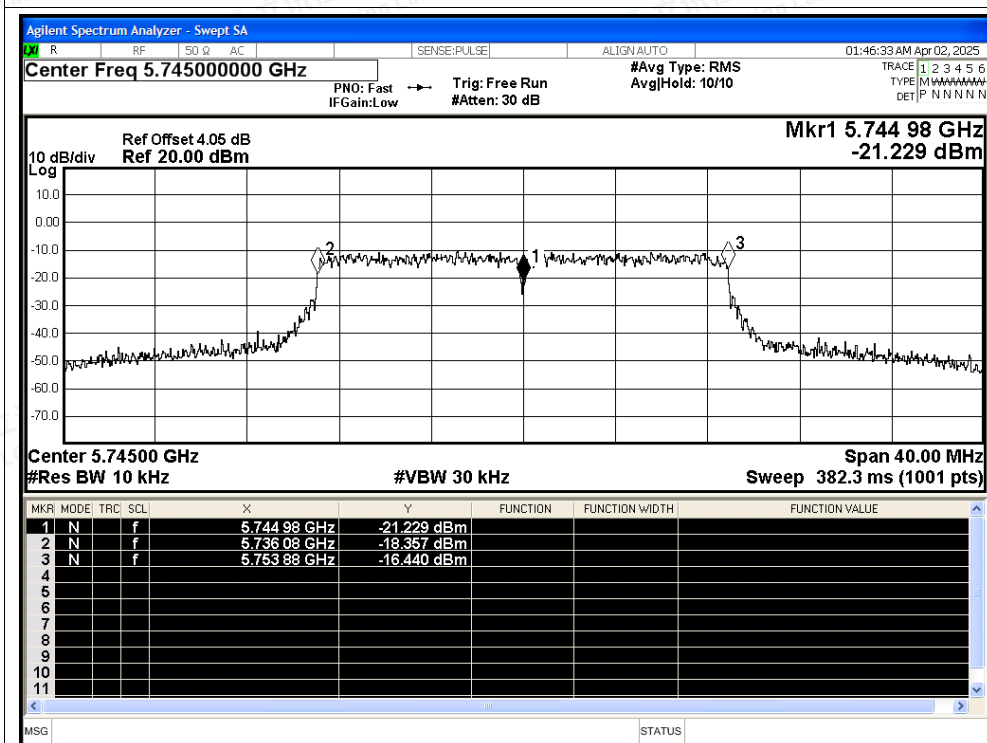
## Freq. Stability NVNT n40 5795MHz Ant2



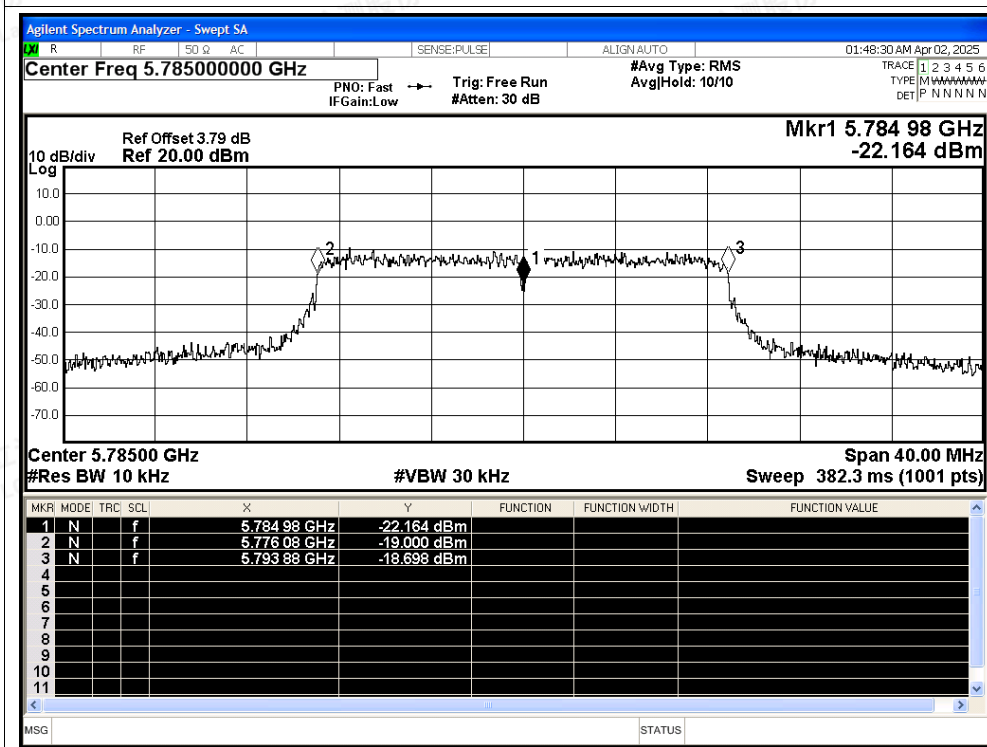




## Freq. Stability NVNT ac20 5745MHz Ant2

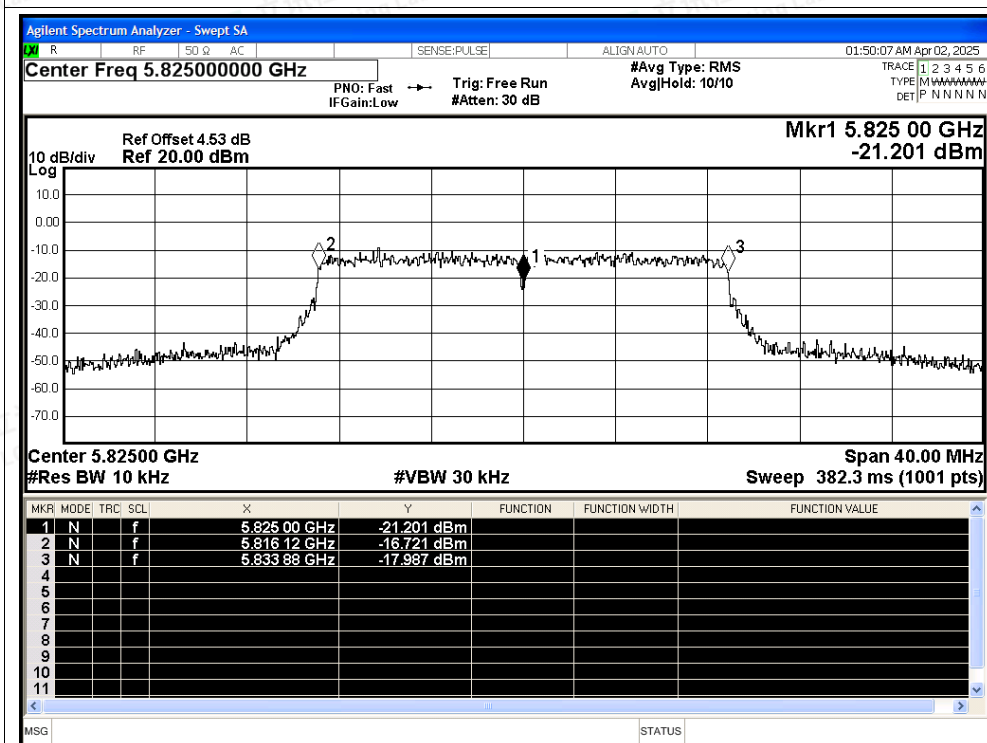


## Freq. Stability NVNT ac20 5785MHz Ant2

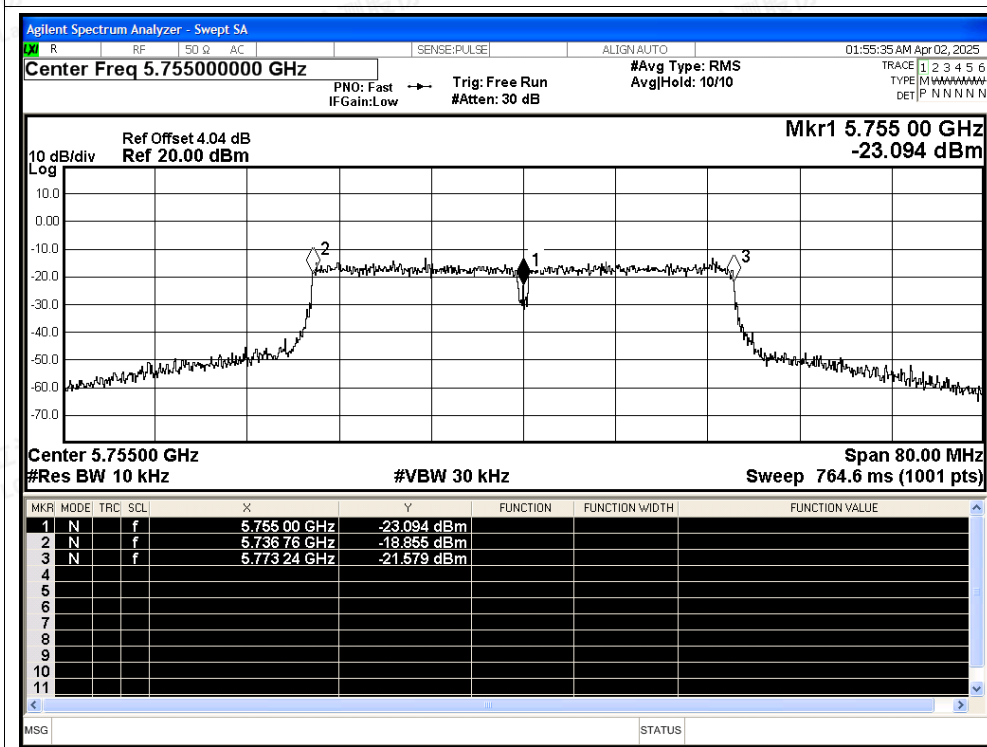




## Freq. Stability NVNT ac20 5825MHz Ant2



## Freq. Stability NVNT ac40 5755MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

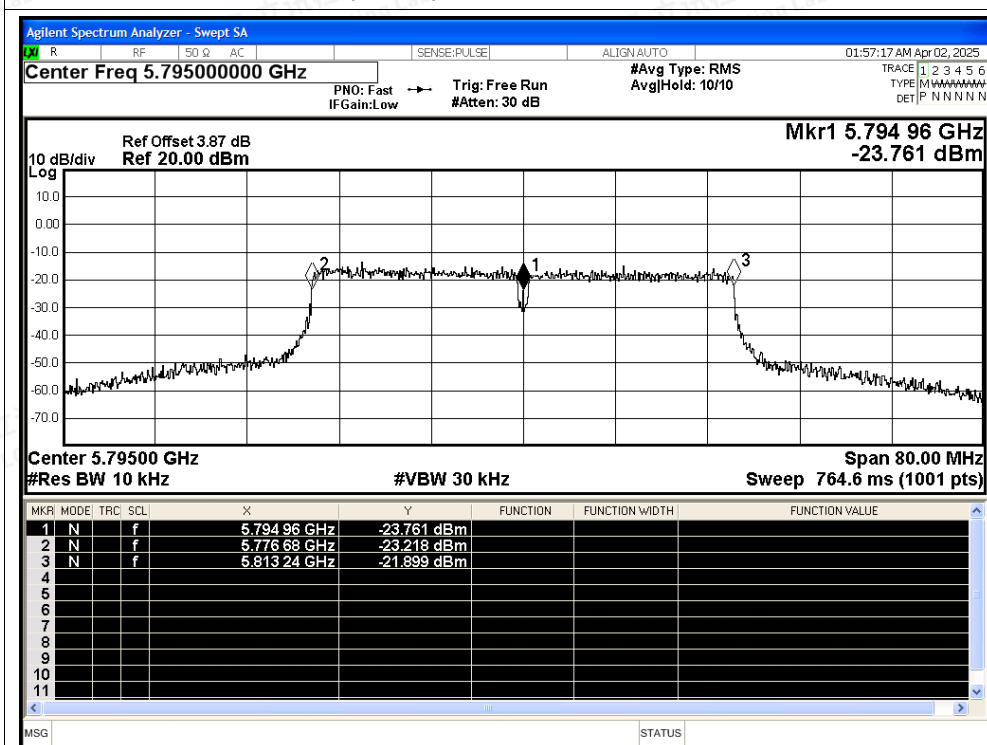
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

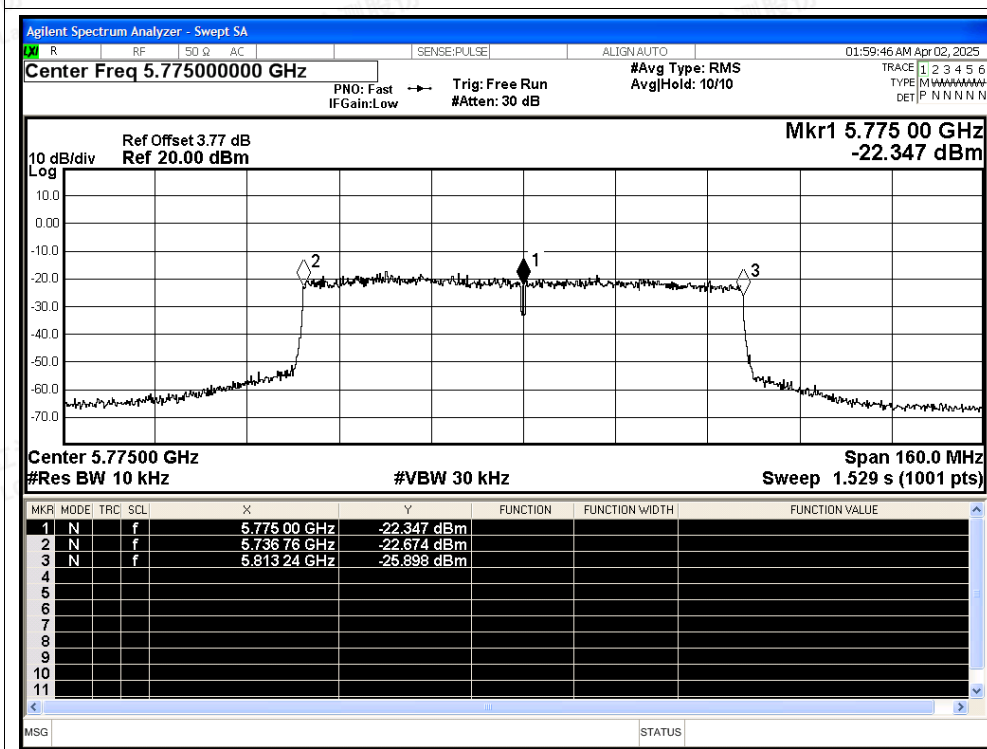
Scan code to check authenticity



## Freq. Stability NVNT ac40 5795MHz Ant2



## Freq. Stability NVNT ac80 5775MHz Ant2





## E.6 Duty Cycle

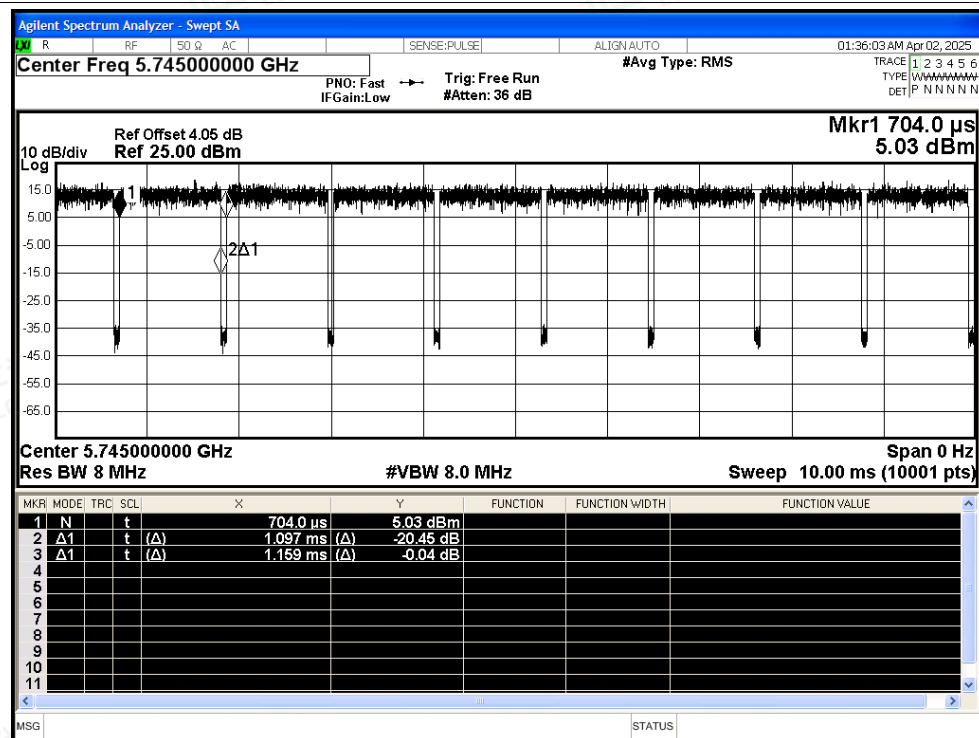
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant2    | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5785            | Ant2    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant2    | 94.65          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant2    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5785            | Ant2    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5825            | Ant2    | 98.16          | 0                      | 0.3       |
| NVNT      | n40  | 5755            | Ant2    | 96.36          | 0.16                   | 0.61      |
| NVNT      | n40  | 5795            | Ant2    | 96.36          | 0.16                   | 0.61      |
| NVNT      | ac20 | 5745            | Ant2    | 98.17          | 0                      | 0.3       |
| NVNT      | ac20 | 5785            | Ant2    | 98.2           | 0                      | 0.3       |
| NVNT      | ac20 | 5825            | Ant2    | 98.17          | 0                      | 0.3       |
| NVNT      | ac40 | 5755            | Ant2    | 96.32          | 0.16                   | 0.61      |
| NVNT      | ac40 | 5795            | Ant2    | 96.38          | 0.16                   | 0.61      |
| NVNT      | ac80 | 5775            | Ant2    | 92.65          | 0.33                   | 1.28      |



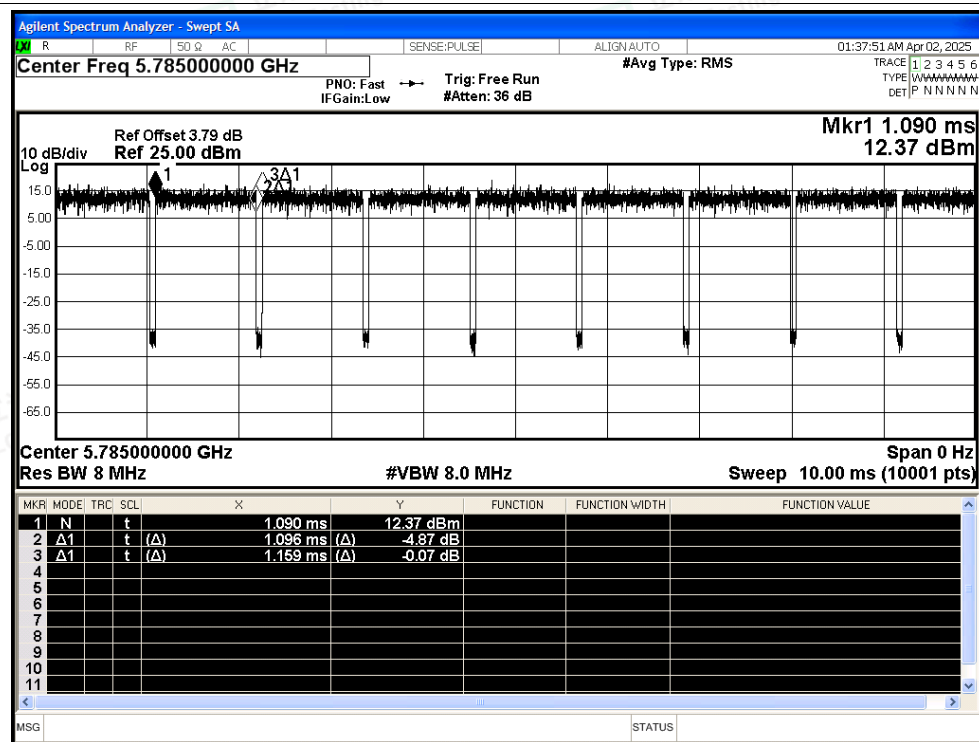


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant2

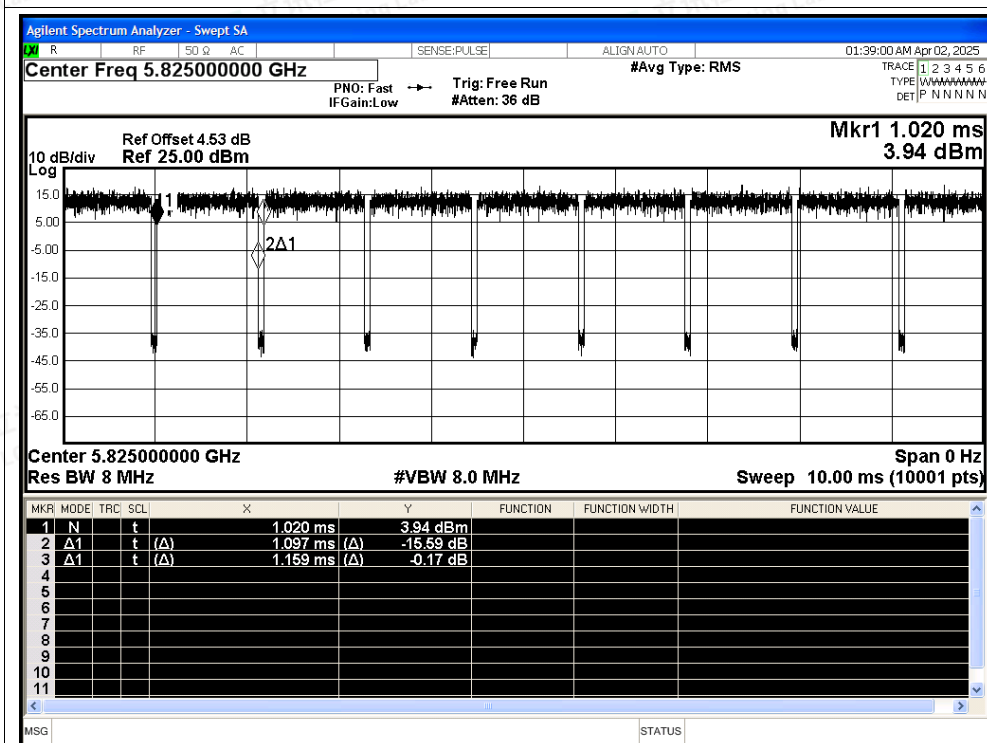


## Duty Cycle NVNT a 5785MHz Ant2

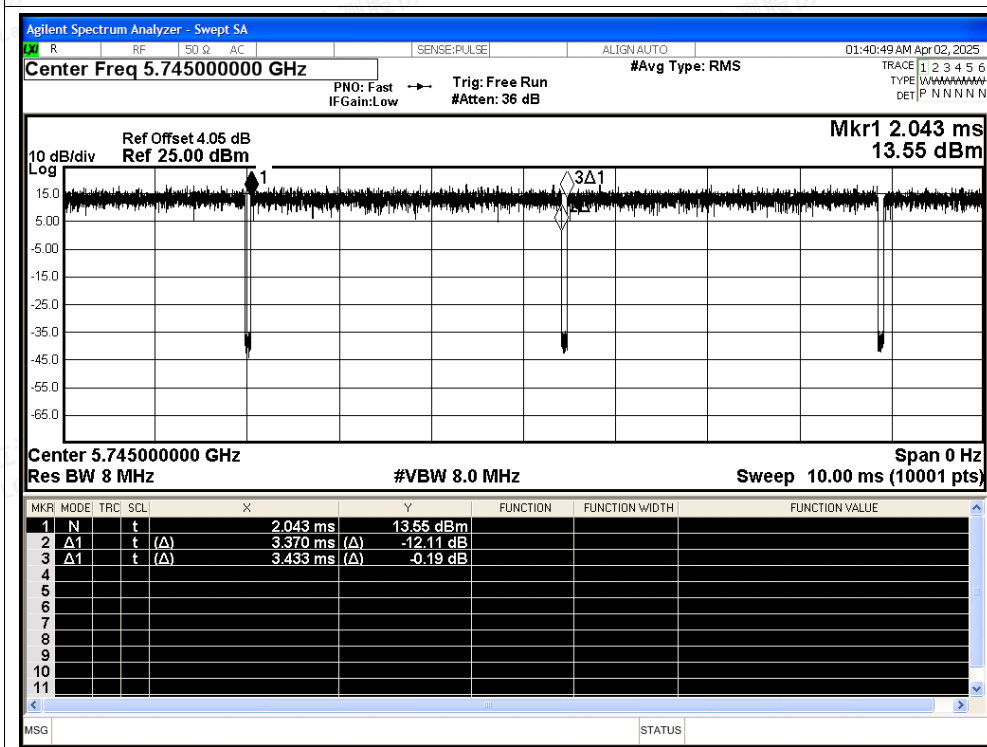




## Duty Cycle NVNT a 5825MHz Ant2

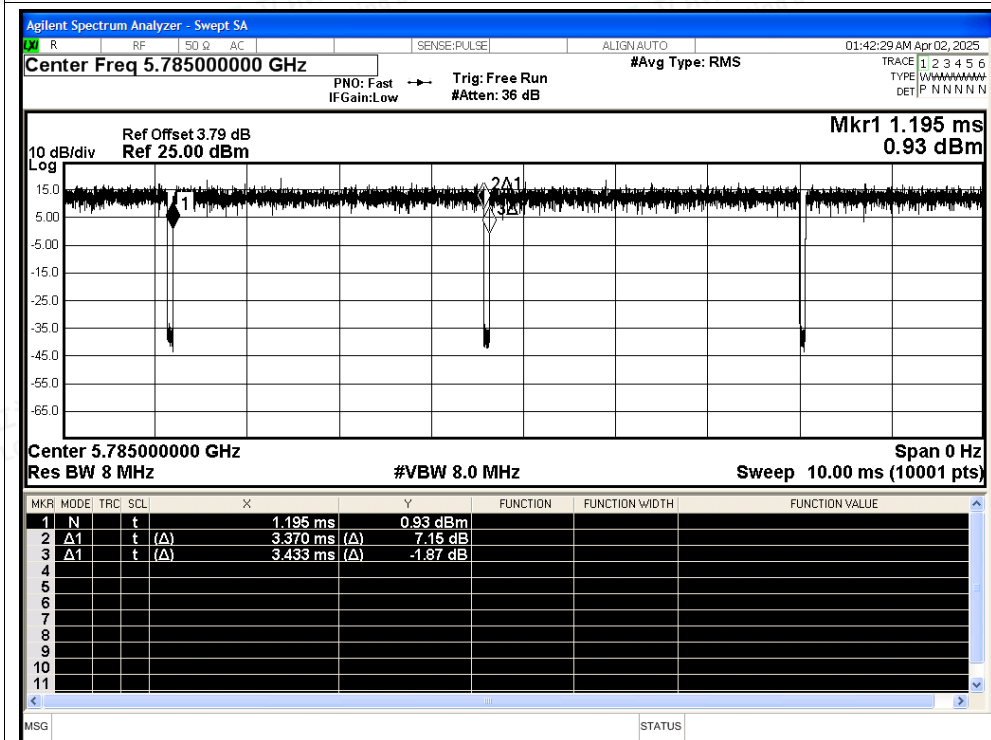


## Duty Cycle NVNT n20 5745MHz Ant2

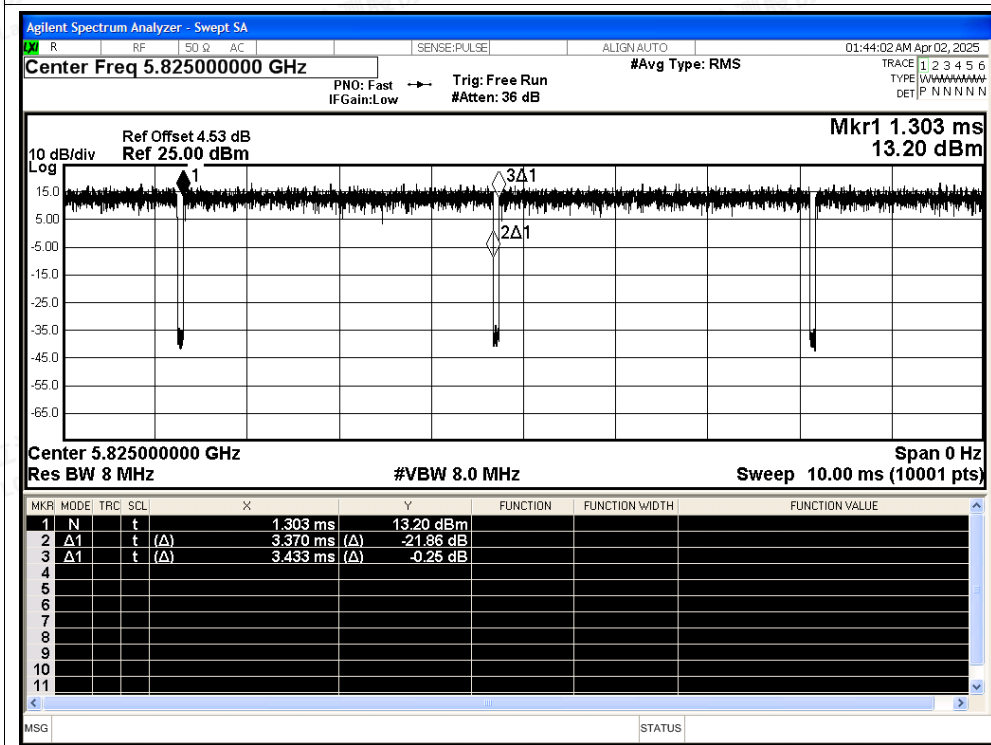




## Duty Cycle NVNT n20 5785MHz Ant2



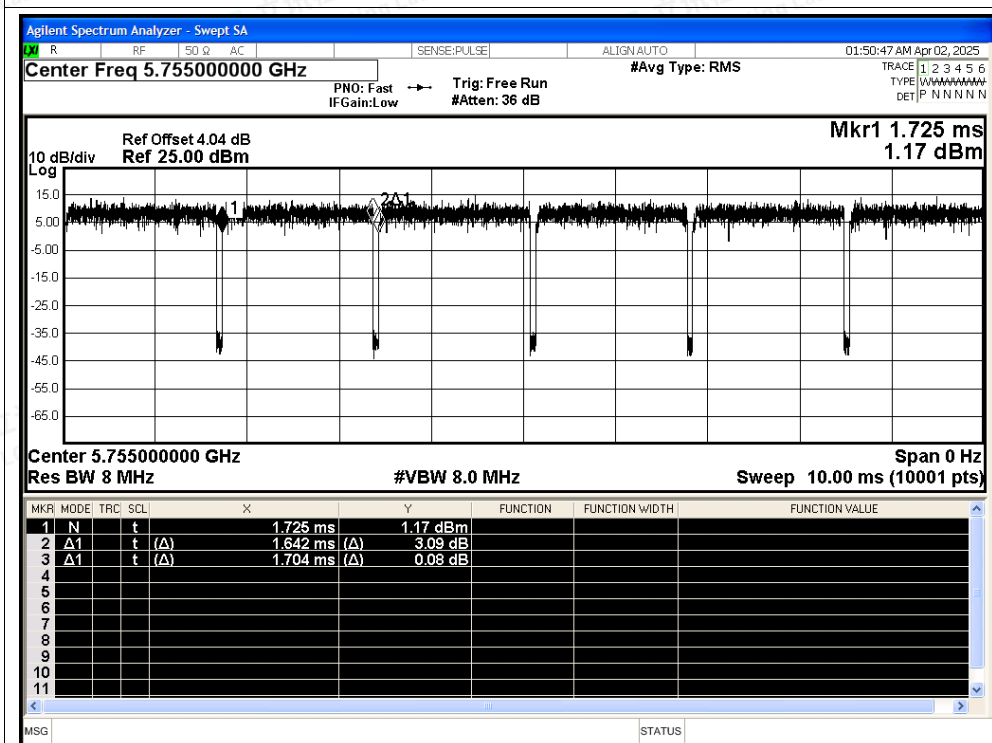
## Duty Cycle NVNT n20 5825MHz Ant2



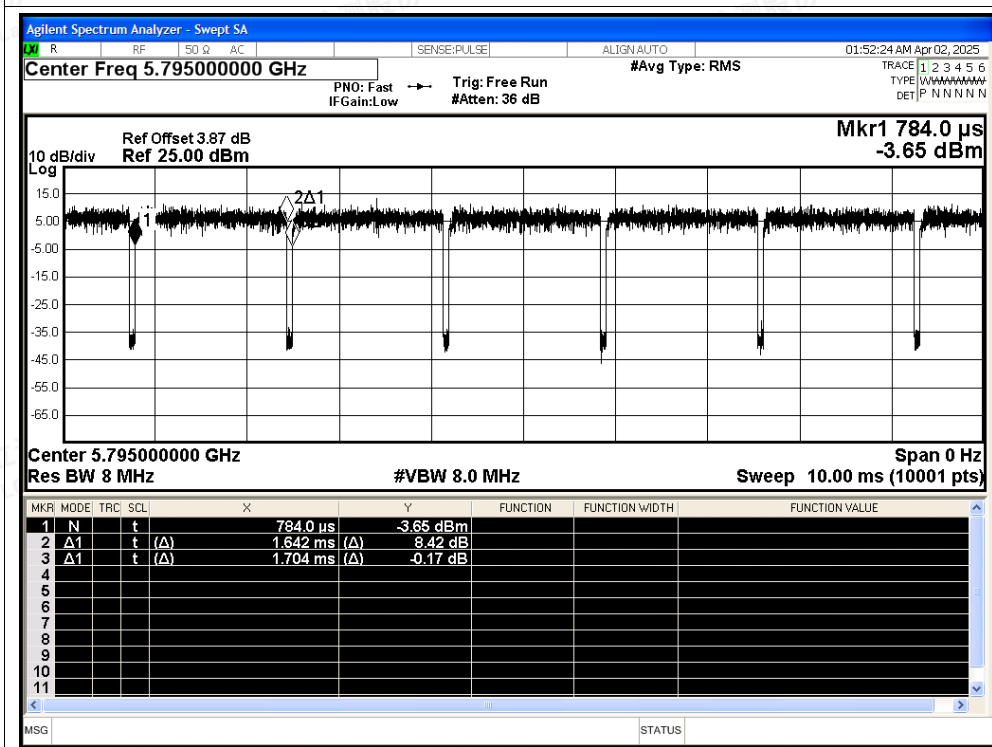




## Duty Cycle NVNT n40 5755MHz Ant2

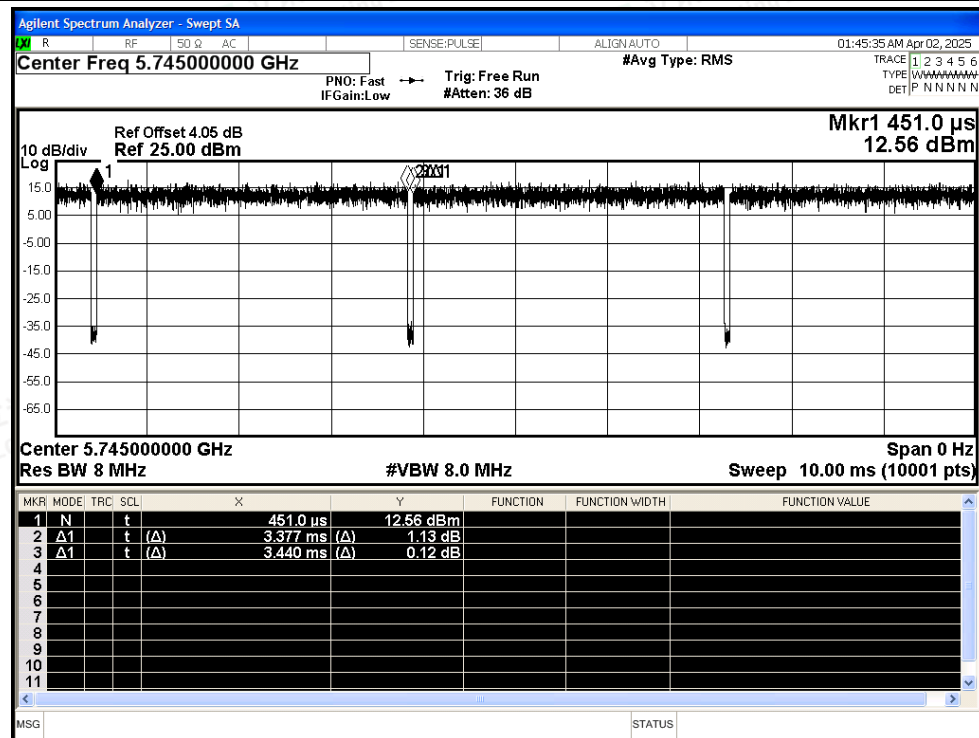


## Duty Cycle NVNT n40 5795MHz Ant2

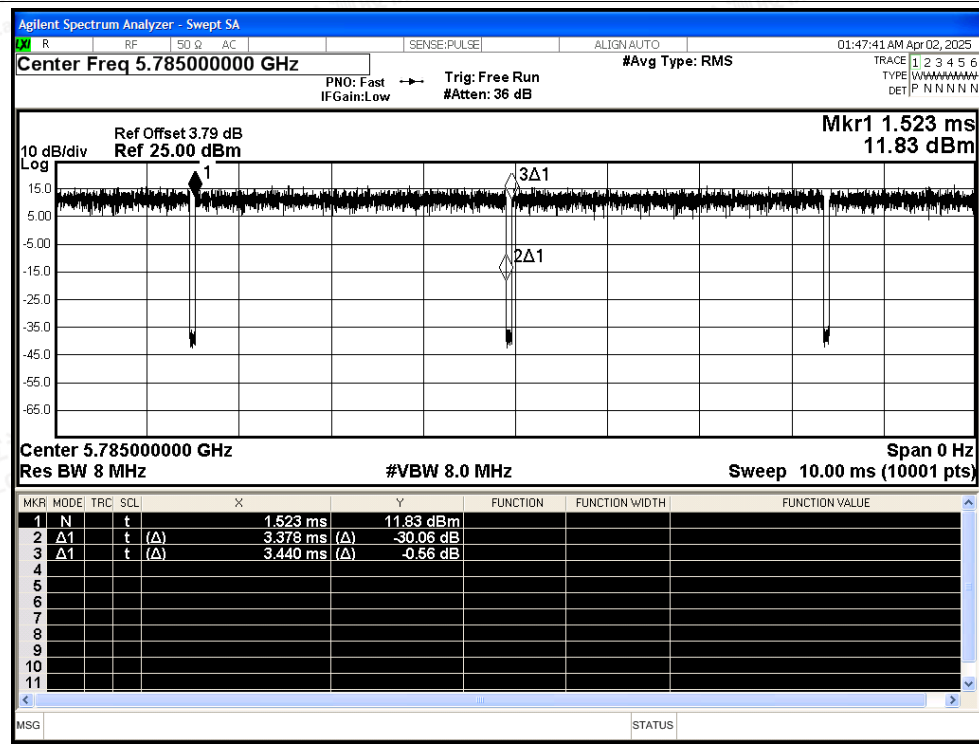




## Duty Cycle NVNT ac20 5745MHz Ant2

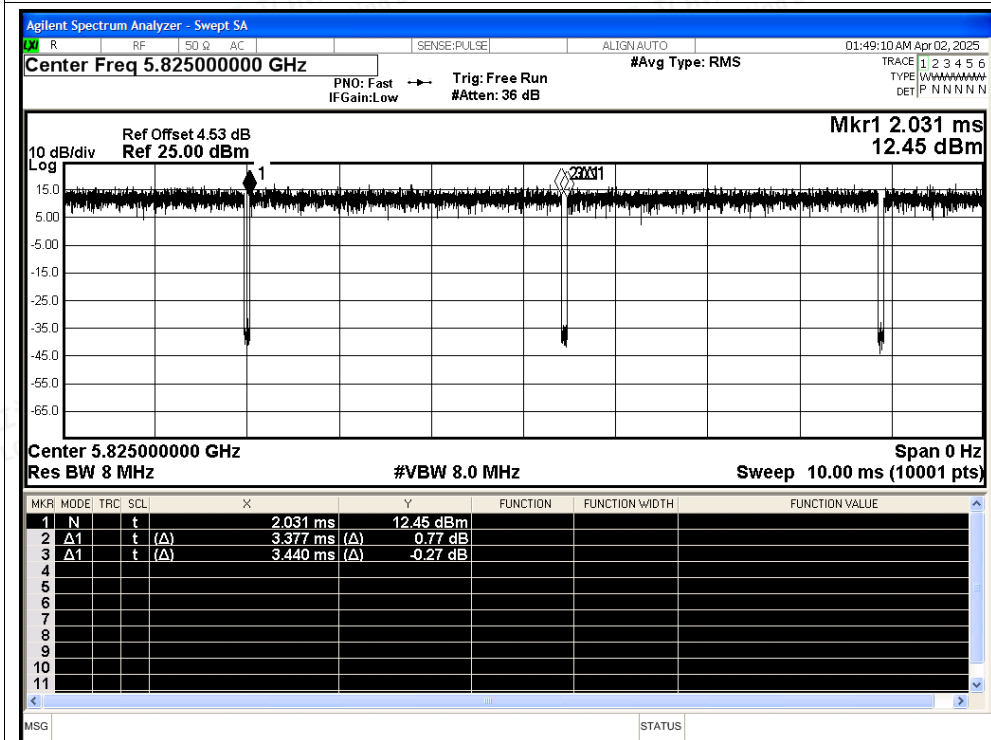


## Duty Cycle NVNT ac20 5785MHz Ant2

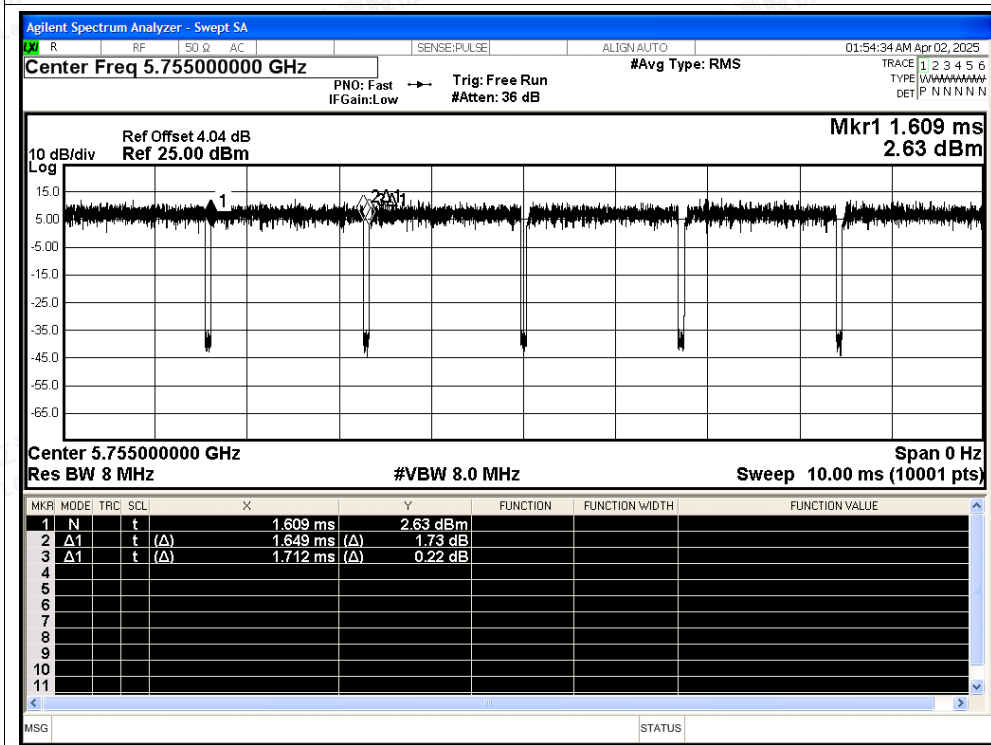




## Duty Cycle NVNT ac20 5825MHz Ant2

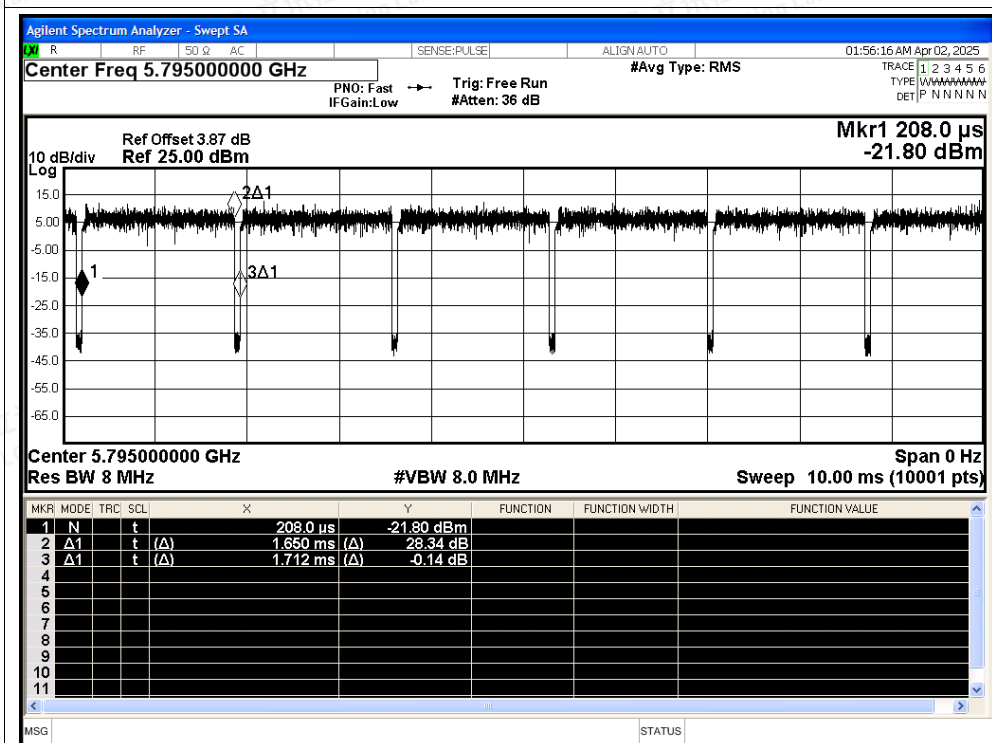


## Duty Cycle NVNT ac40 5755MHz Ant2





## Duty Cycle NVNT ac40 5795MHz Ant2



## Duty Cycle NVNT ac80 5775MHz Ant2

