



## Appendix G

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

Product Name: Prodigy Connect 12(Tablet PC)

Test Model: PGI-401

#### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.1° C    |
| Relative Humidity: | 52.3%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Jack Cheng |
| Supervised by:     | Li Huan    |





## G.1 -6dB Bandwidth

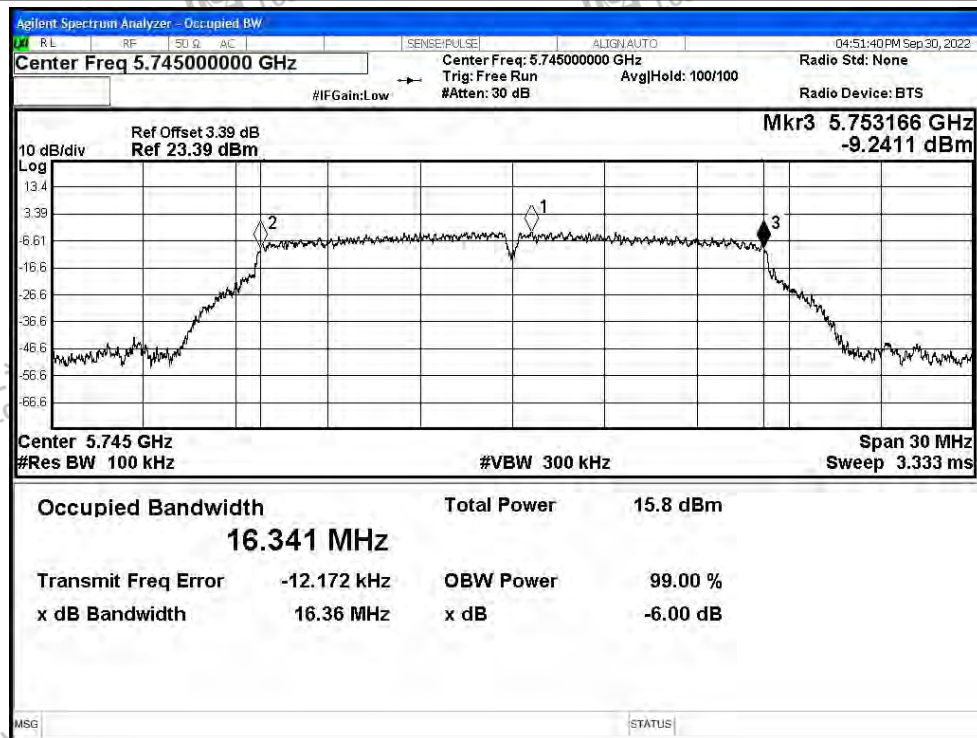
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.357                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.322                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.34                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.555                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.309                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.569                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.647                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.701                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.589                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.312                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.33                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 35.382                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.92                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.294                | $\geq 0.5$                  | Pass    |



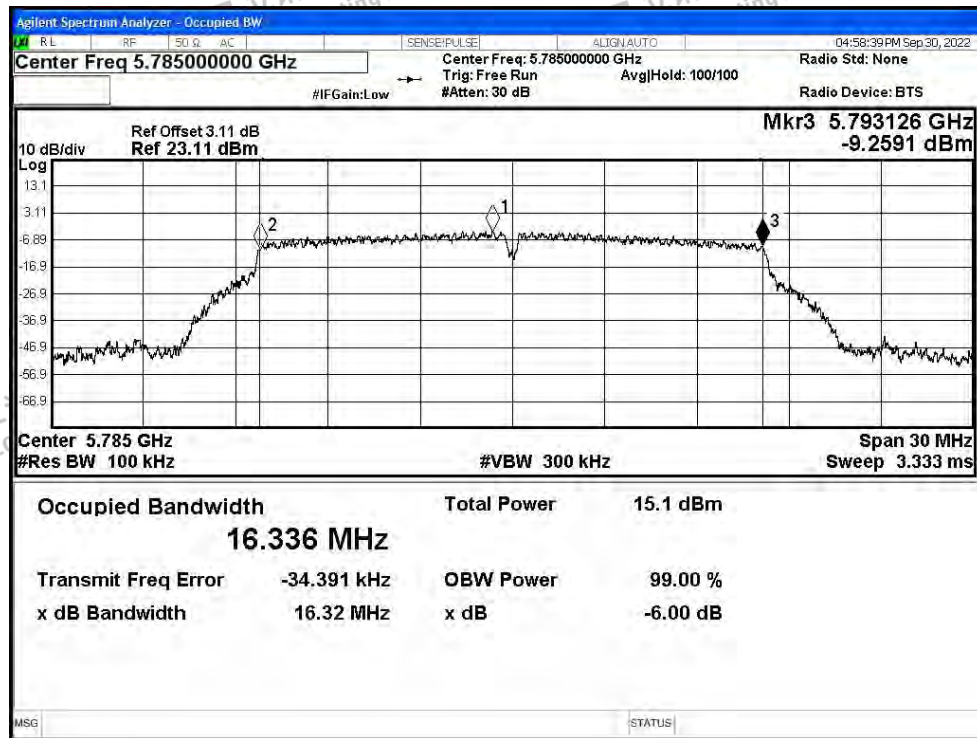


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



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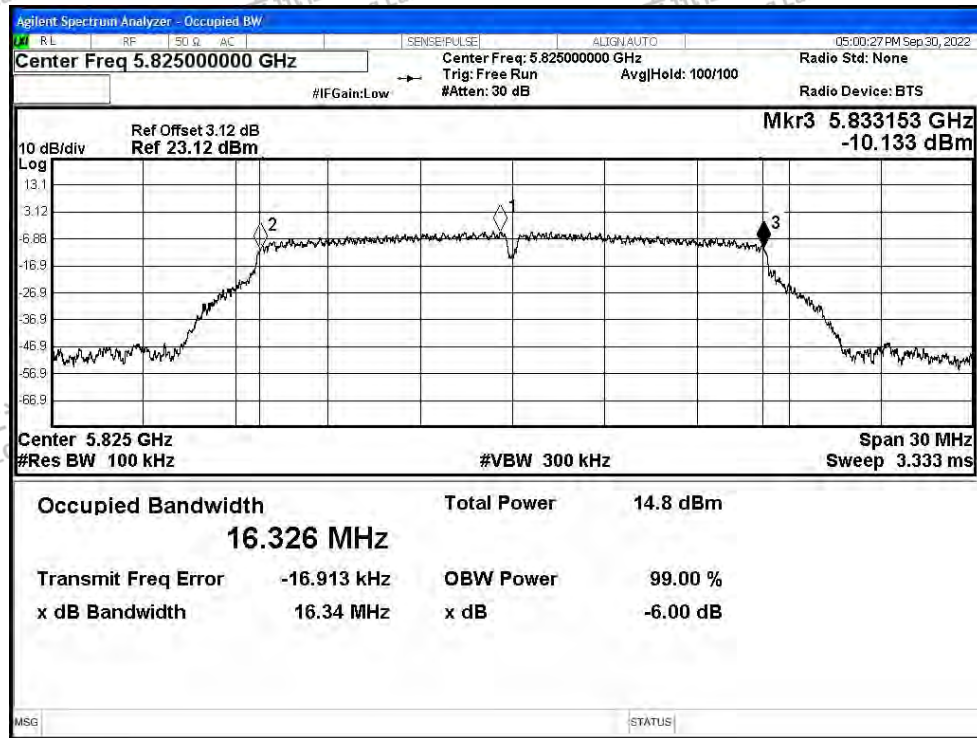
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

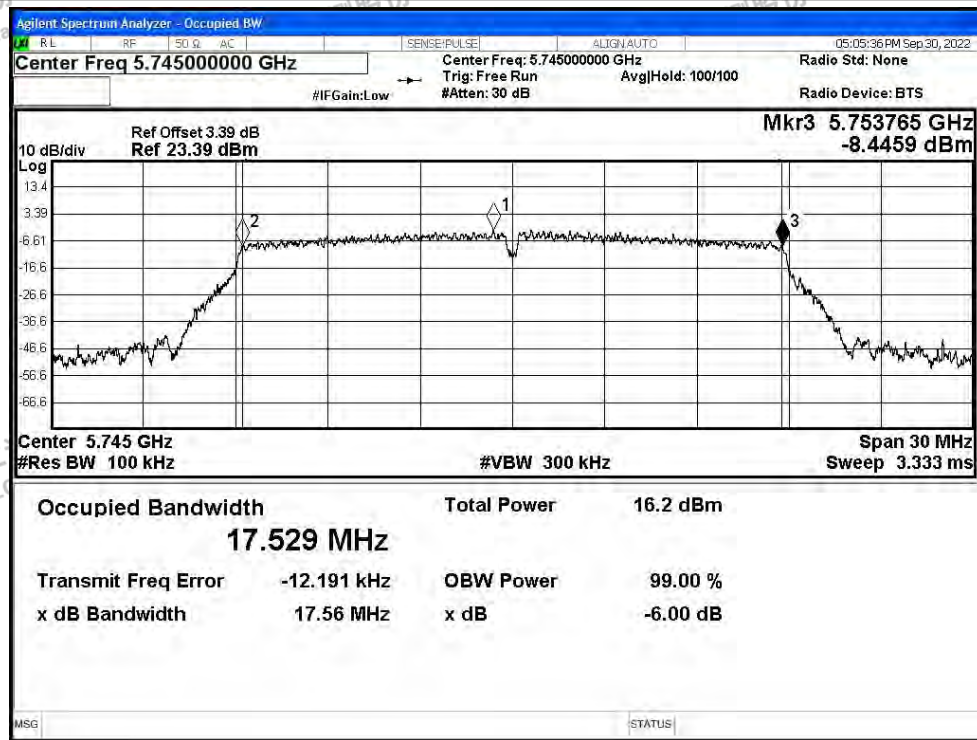
Scan code to check authenticity



## -6dB Bandwidth NVNT a 5825MHz Ant1



## -6dB Bandwidth NVNT n20 5745MHz Ant1

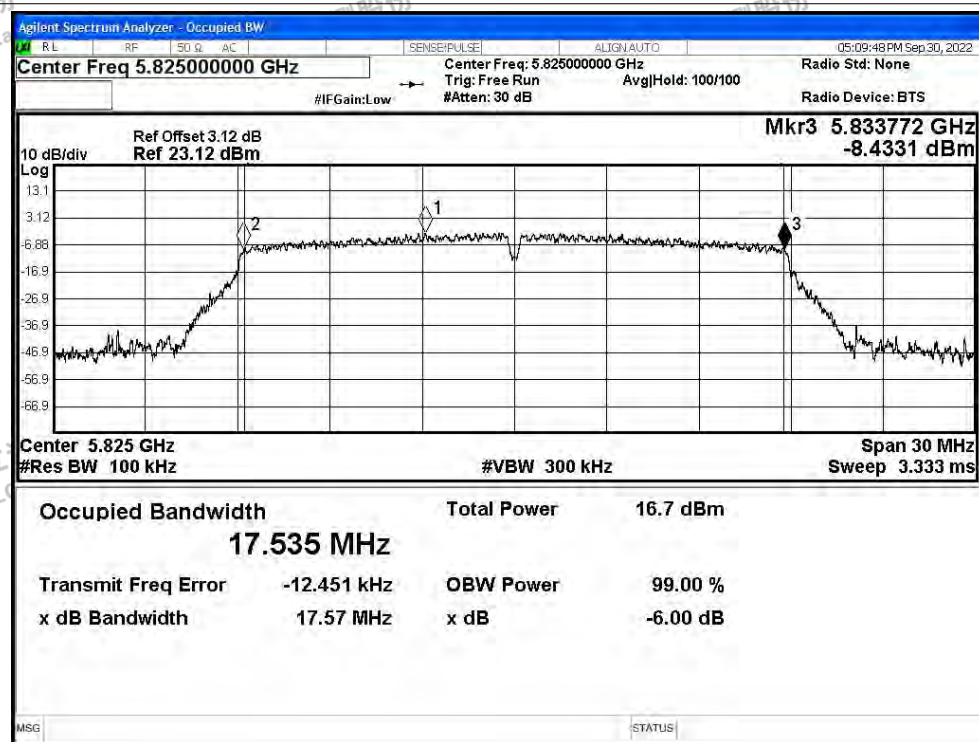




-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



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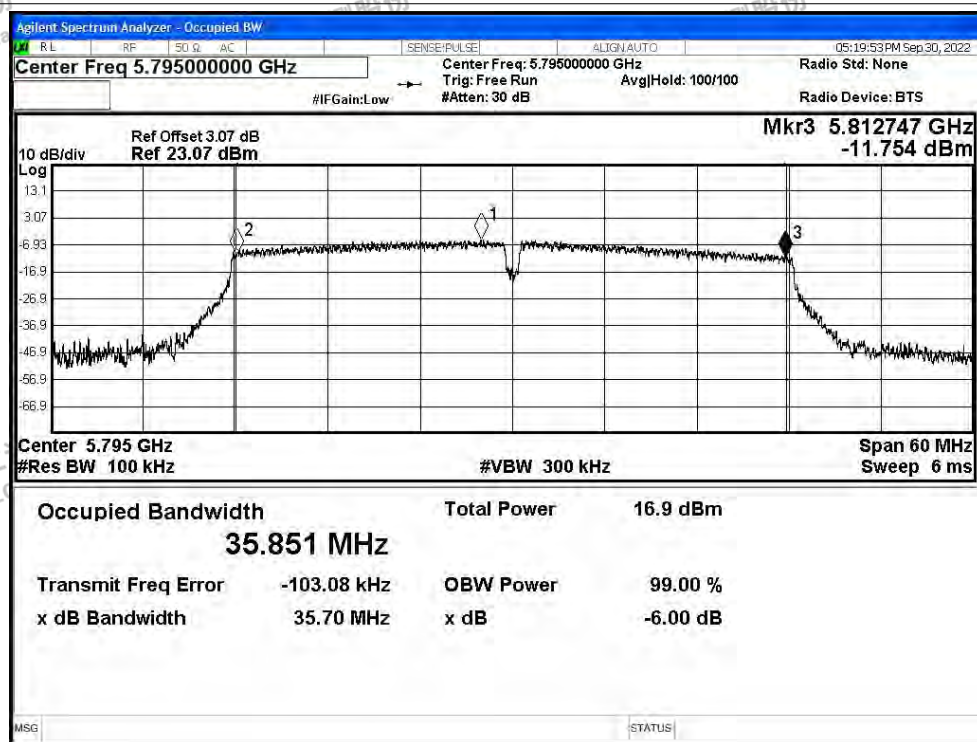
Scan code to check authenticity



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



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## -6dB Bandwidth NVNT ac20 5745MHz Ant1



## -6dB Bandwidth NVNT ac20 5785MHz Ant1



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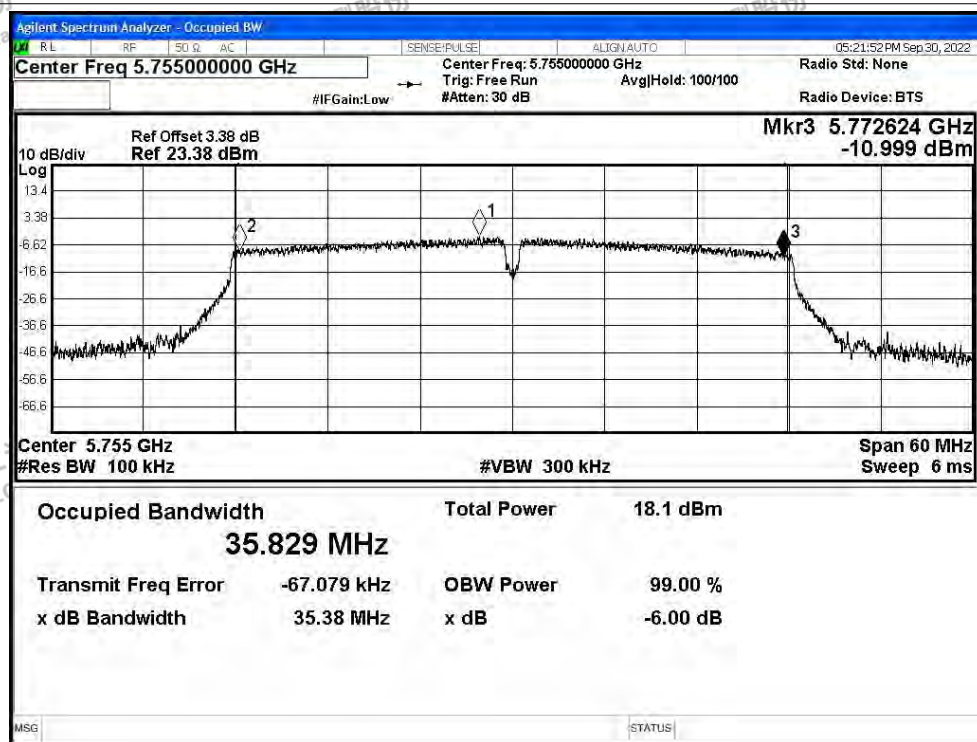
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

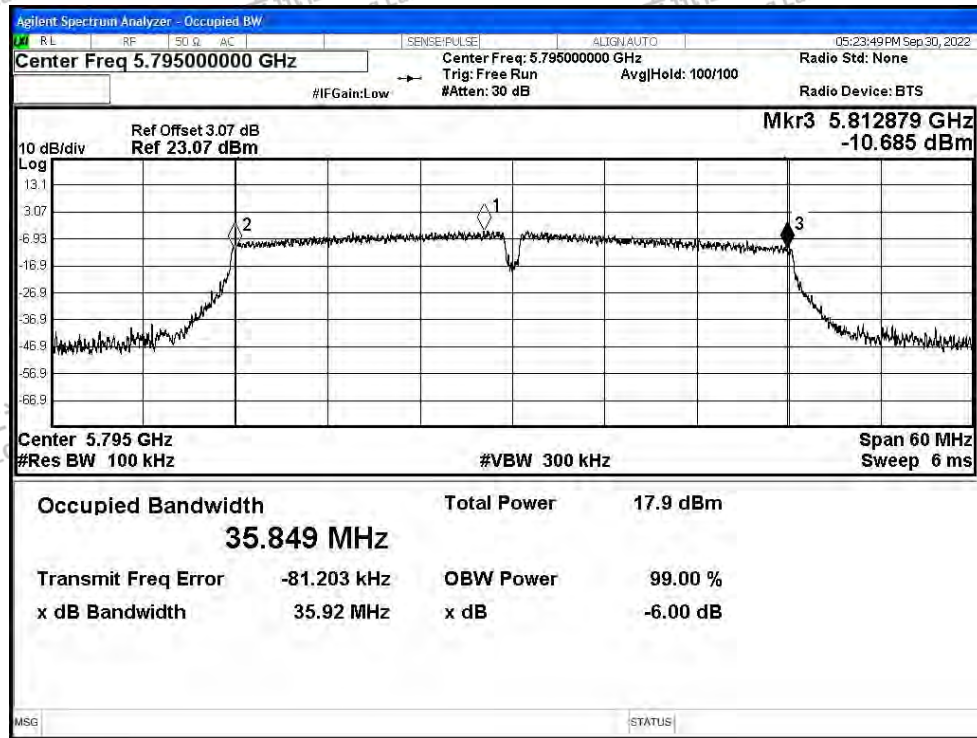
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

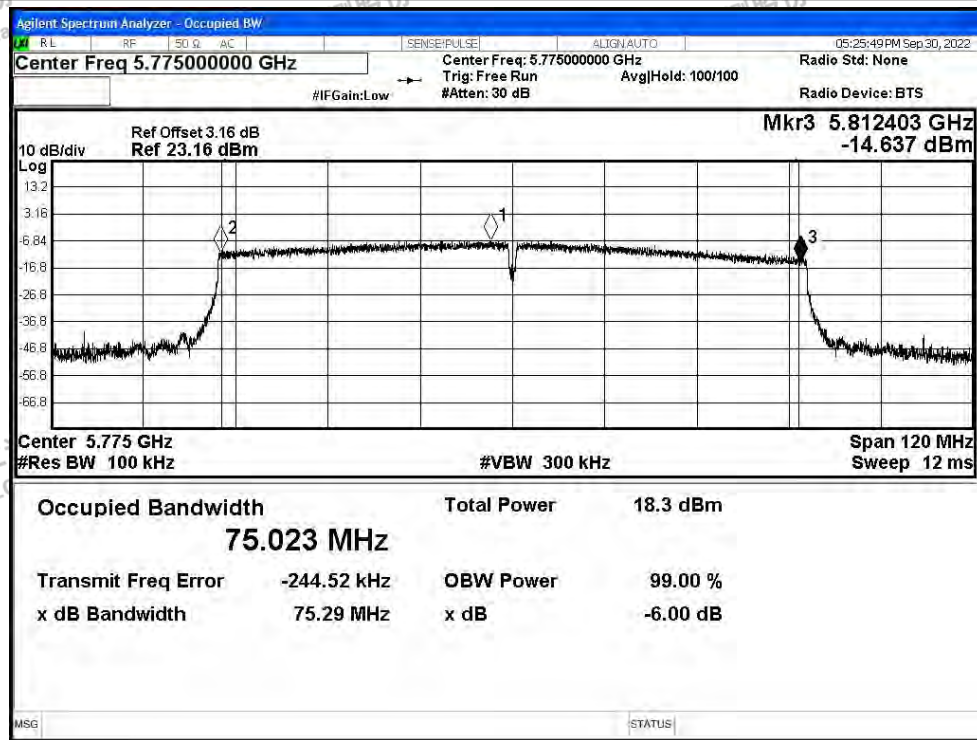
Scan code to check authenticity



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1



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## G.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 10.34                 | 0                | 10.34             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 9.63                  | 0                | 9.63              | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 9.22                  | 0                | 9.22              | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 10.59                 | 0                | 10.59             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 9.47                  | 0                | 9.47              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.17                 | 0                | 11.17             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 12.13                 | 0                | 12.13             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 11.11                 | 0                | 11.11             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 12.71                 | 0                | 12.71             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 11.64                 | 0                | 11.64             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 11.34                 | 0                | 11.34             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 12.36                 | 0                | 12.36             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 12.06                 | 0                | 12.06             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 12.34                 | 0                | 12.34             | 30          | Pass    |





### G.3 Maximum Power Spectral Density Level

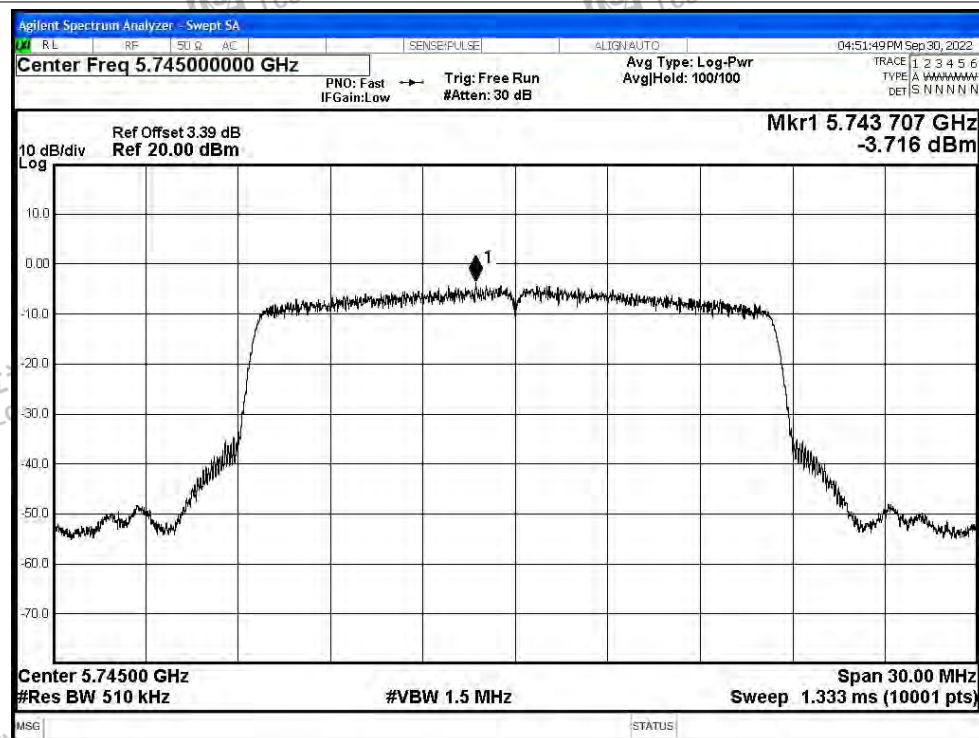
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -3.72               | 0                | -3.72           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -4.62               | 0                | -4.62           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -5.31               | 0                | -5.31           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -3.89               | 0                | -3.89           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -5.03               | 0                | -5.03           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -3.31               | 0                | -3.31           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -5.28               | 0                | -5.28           | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -6.2                | 0                | -6.2            | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -2.06               | 0                | -2.06           | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -2.98               | 0                | -2.98           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -3.02               | 0                | -3.02           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -4.49               | 0                | -4.49           | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -5.48               | 0                | -5.48           | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -8.47               | 0                | -8.47           | 30          | Pass    |



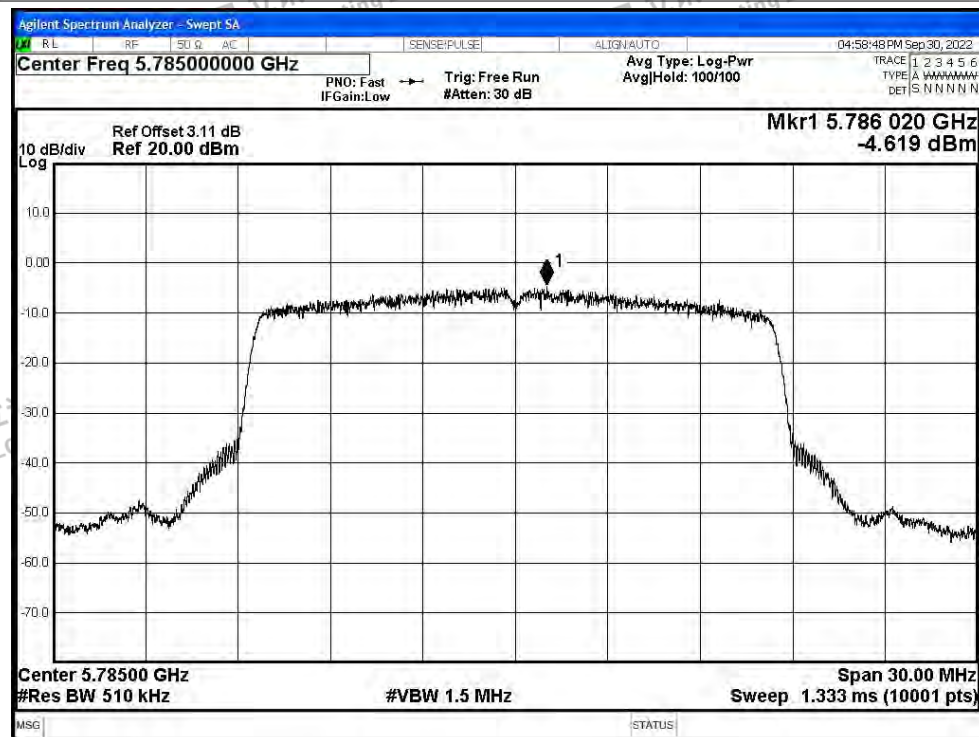


## Test Graphs

PSD NVNT a 5745MHz Ant1

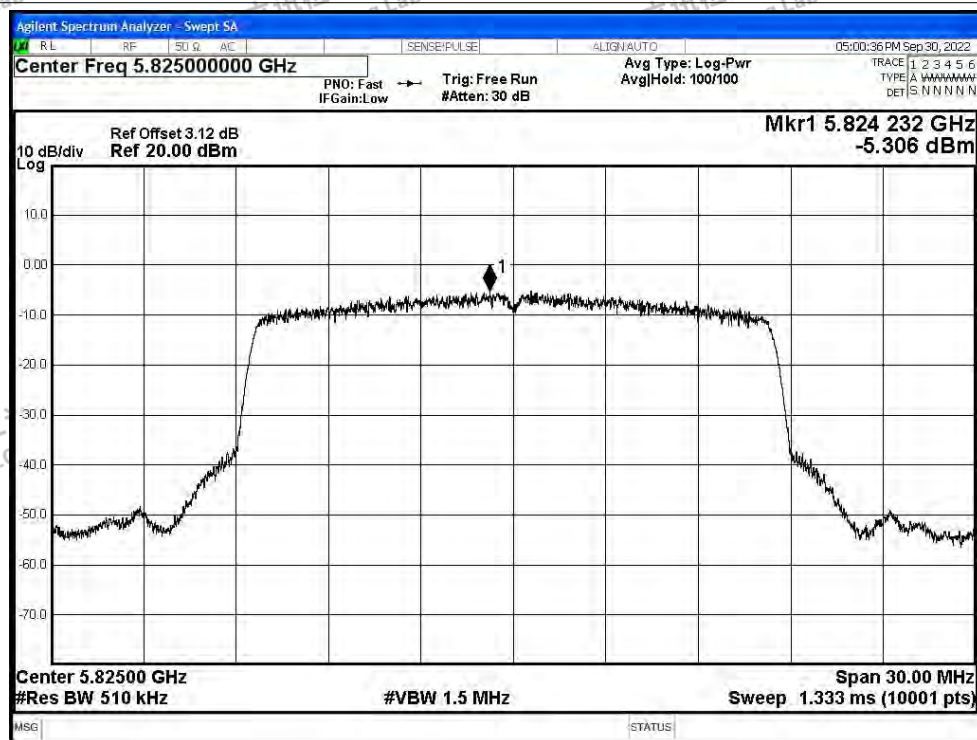


PSD NVNT a 5785MHz Ant1

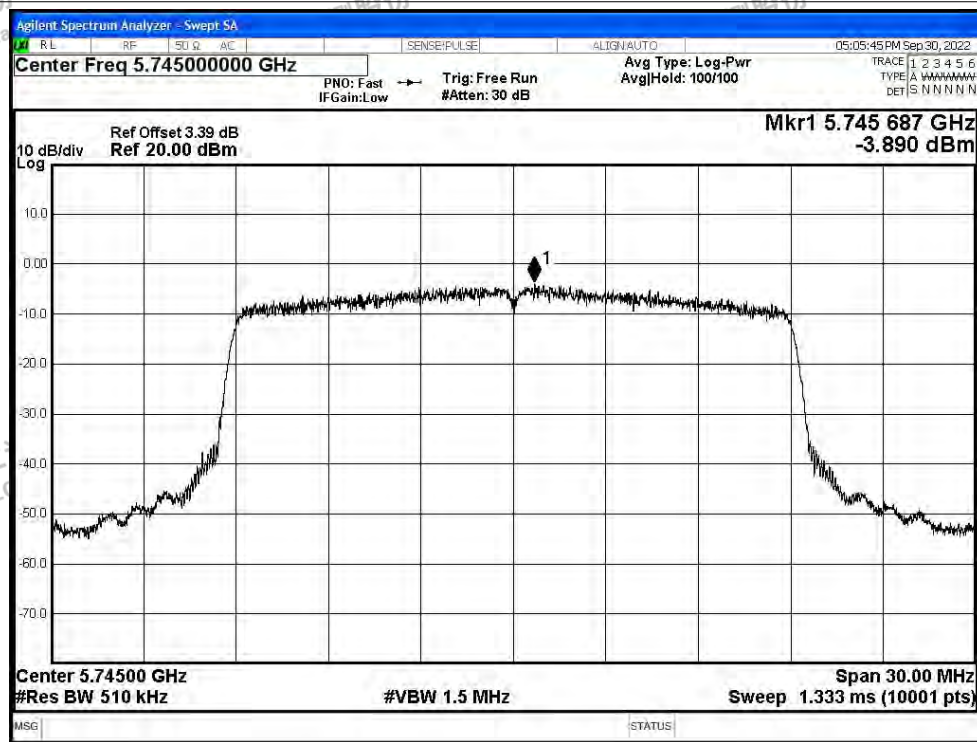




## PSD NVNT a 5825MHz Ant1

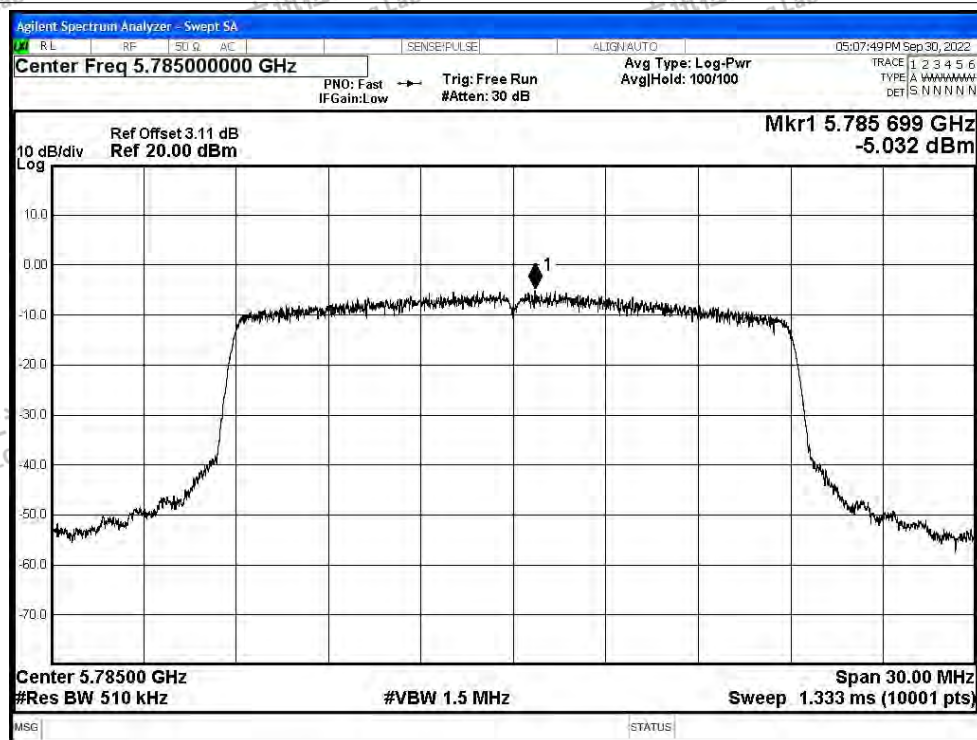


## PSD NVNT n20 5745MHz Ant1

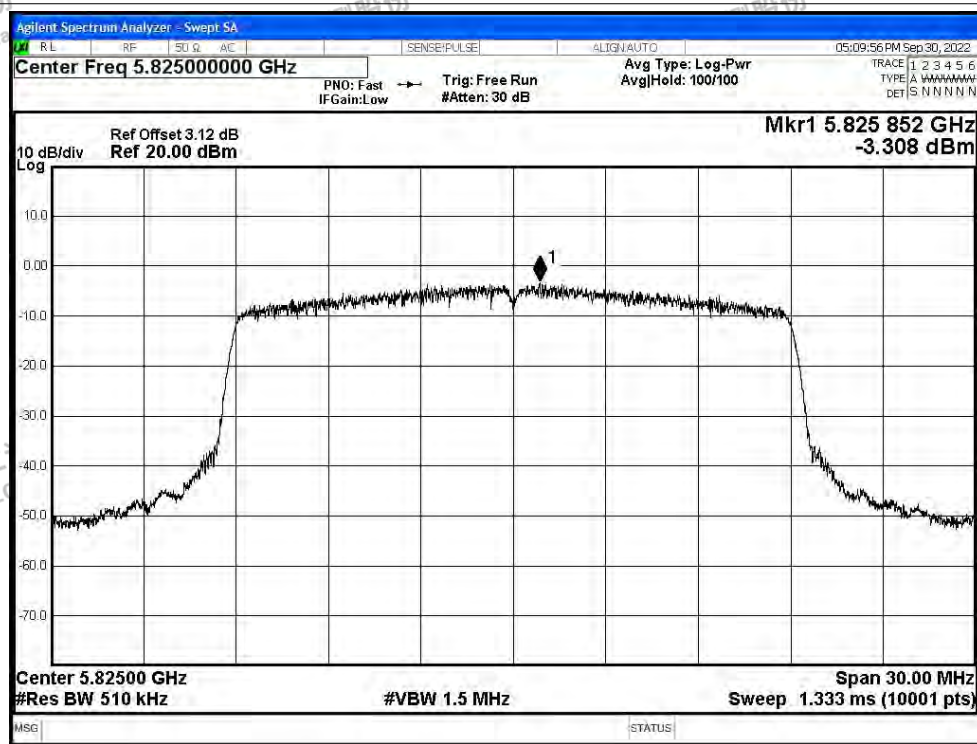




PSD NVNT n20 5785MHz Ant1

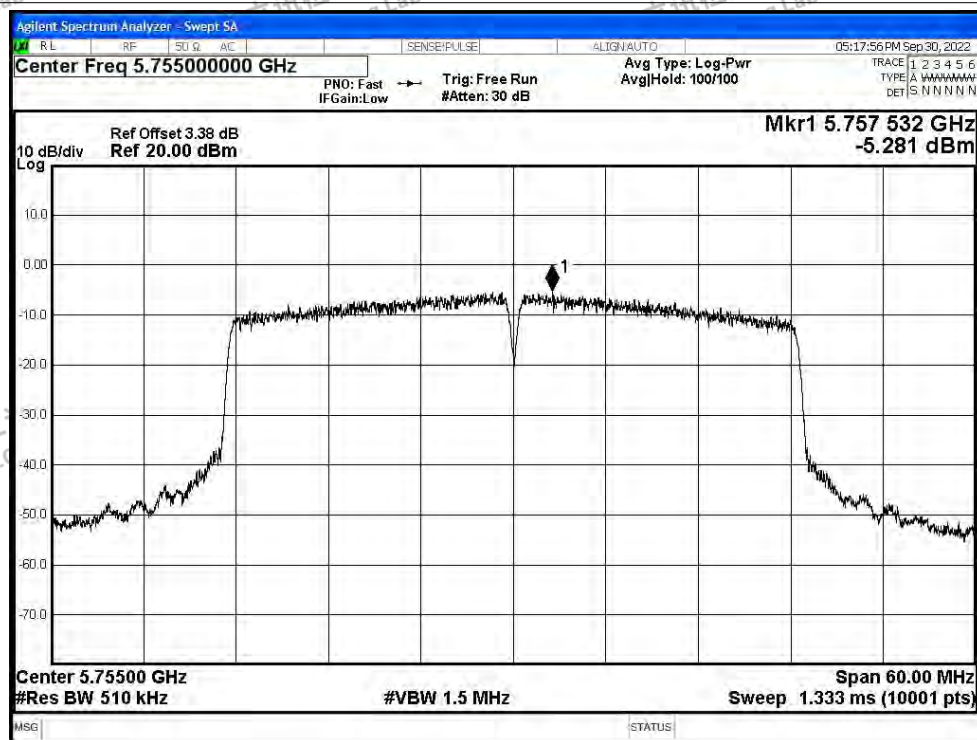


PSD NVNT n20 5825MHz Ant1

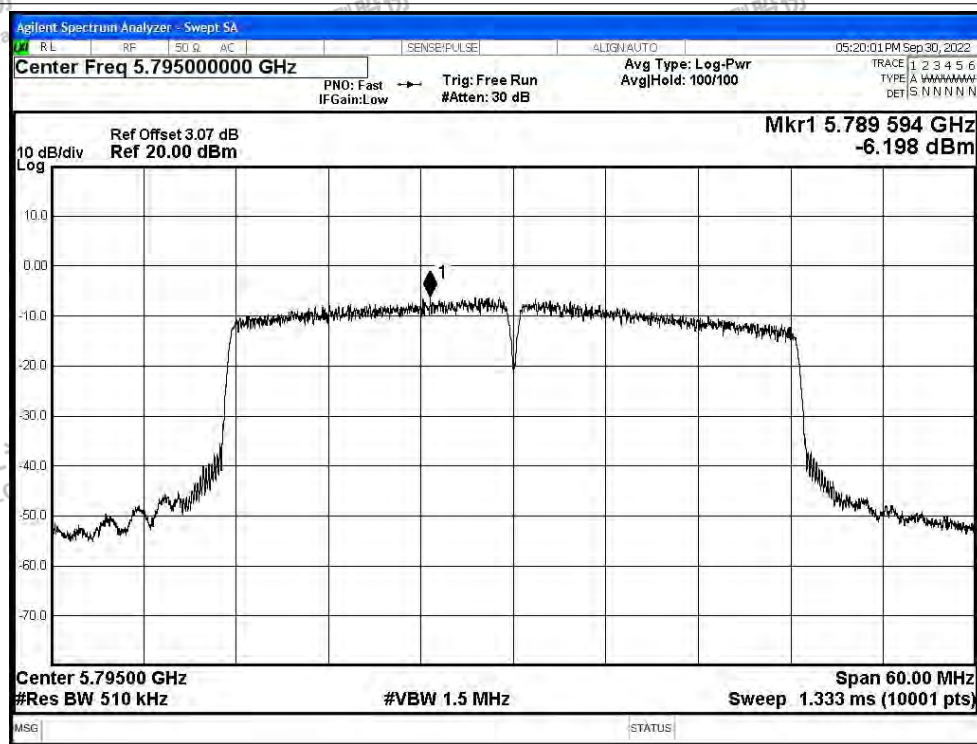




PSD NVNT n40 5755MHz Ant1

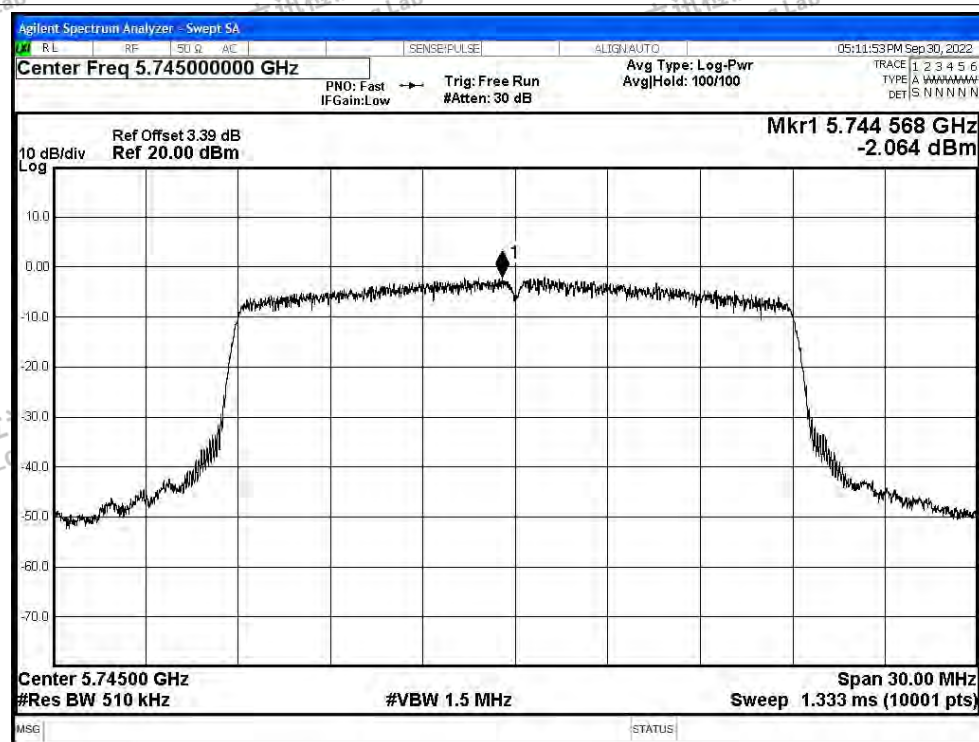


PSD NVNT n40 5795MHz Ant1

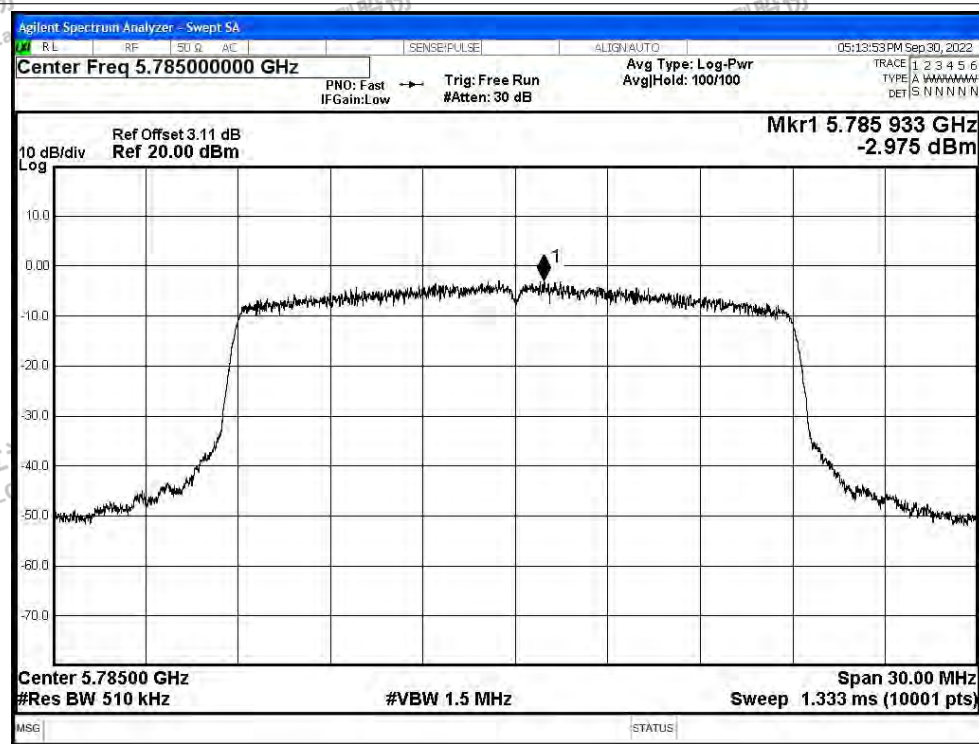




PSD NVNT ac20 5745MHz Ant1

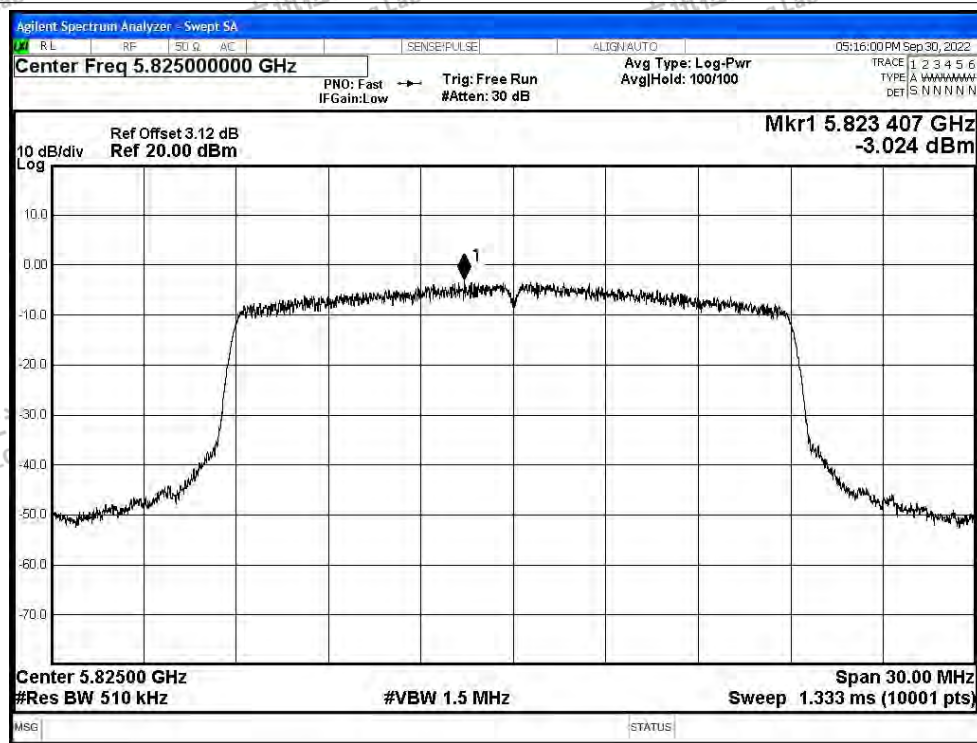


PSD NVNT ac20 5785MHz Ant1

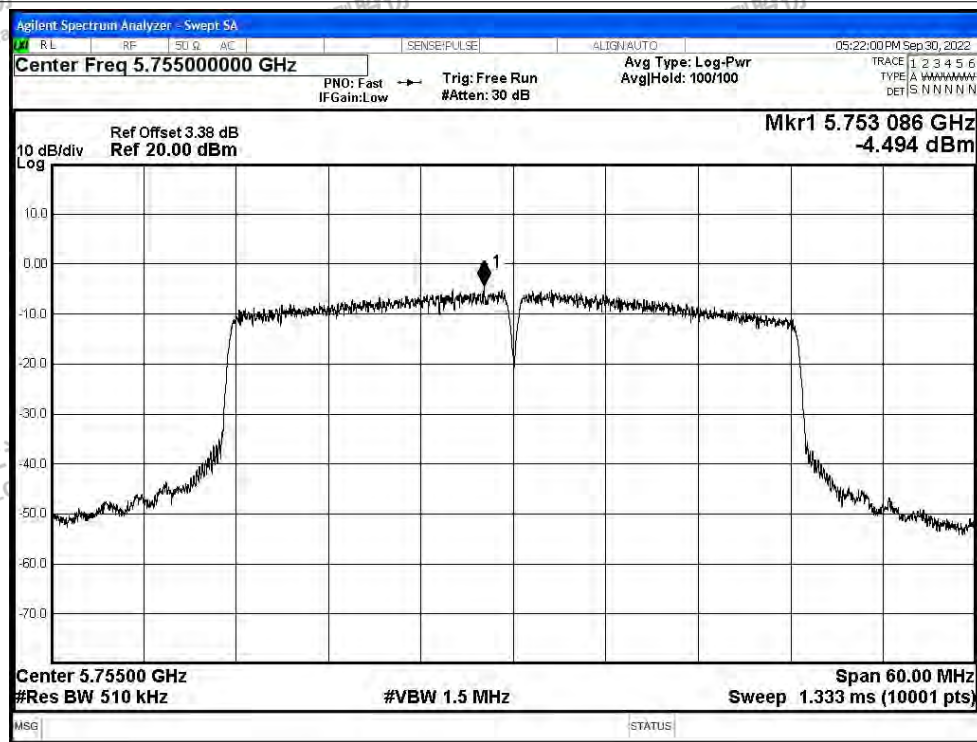




PSD NVNT ac20 5825MHz Ant1

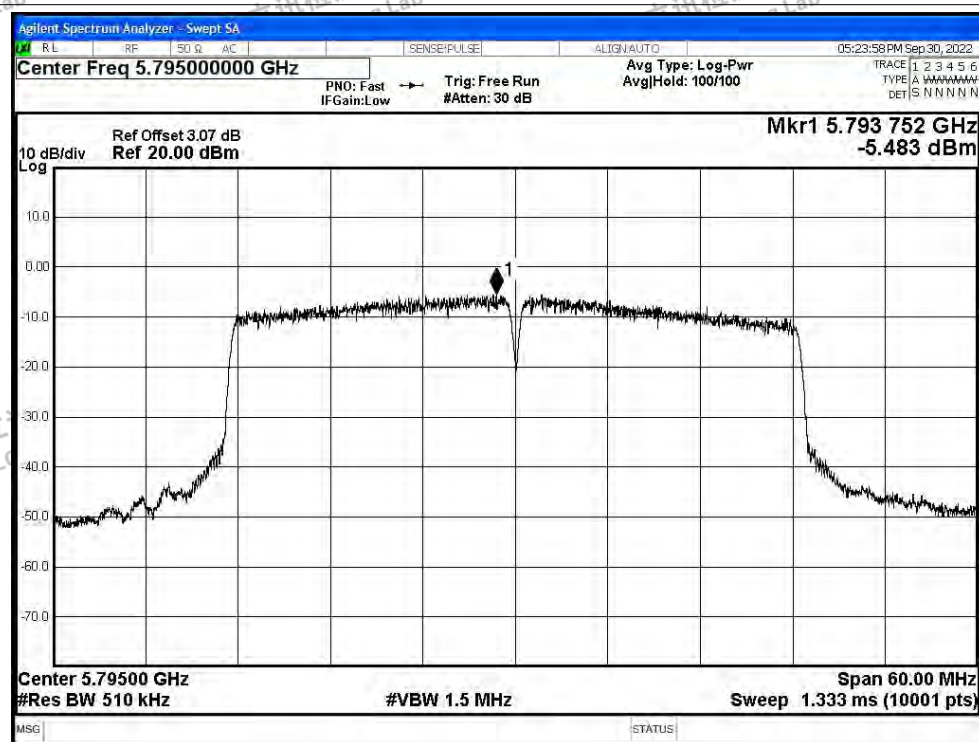


PSD NVNT ac40 5755MHz Ant1

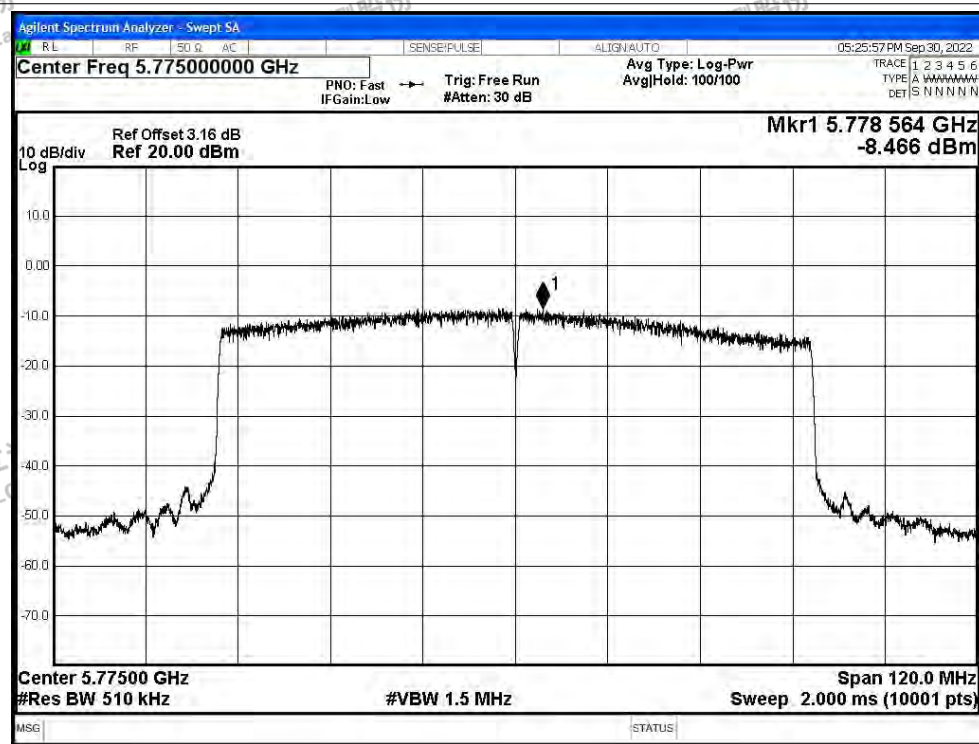




PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1





## G.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | EIRP Power (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -47.37      | 2.59       | -44.78           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -57.26      | 2.59       | -54.67           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -46.73      | 2.59       | -44.14           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -55.42      | 2.59       | -52.83           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -46.08      | 2.59       | -43.49           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -54.36      | 2.59       | -51.77           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -43.1       | 2.59       | -40.51           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -52.91      | 2.59       | -50.32           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -44.64      | 2.59       | -42.05           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -55.74      | 2.59       | -53.15           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -46.32      | 2.59       | -43.73           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -56.23      | 2.59       | -53.64           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -47.93      | 2.59       | -45.34           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -57.44      | 2.59       | -54.85           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -49.46      | 2.59       | -46.87           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -57.77      | 2.59       | -55.18           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -47.38      | 2.59       | -44.79           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -57.12      | 2.59       | -54.53           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -47.13      | 2.59       | -44.54           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -55.7       | 2.59       | -53.11           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -44.39      | 2.59       | -41.8            | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -54.32      | 2.59       | -51.73           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -43.19      | 2.59       | -40.6            | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -52.38      | 2.59       | -49.79           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -40.51      | 2.59       | -37.92           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -52.55      | 2.59       | -49.96           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -36.9       | 2.59       | -34.31           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -53.6       | 2.59       | -51.01           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -43.91      | 2.59       | -41.32           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -56.17      | 2.59       | -53.58           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -46.81      | 2.59       | -44.22           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -57.17      | 2.59       | -54.58           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -46.99      | 2.59       | -44.4            | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -56.66      | 2.59       | -54.07           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -42.52      | 2.59       | -39.93           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -53.83      | 2.59       | -51.24           | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -41.37      | 2.59       | -38.78           | Peak     | 15.6        | Pass    |



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|      |      |      |      |      |        |      |        |         |      |      |
|------|------|------|------|------|--------|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5720 | -50.57 | 2.59 | -47.98 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -34.34 | 2.59 | -31.75 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -47.76 | 2.59 | -45.17 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -45.35 | 2.59 | -42.76 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -56.29 | 2.59 | -53.7  | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -46.73 | 2.59 | -44.14 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -56.33 | 2.59 | -53.74 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -46.68 | 2.59 | -44.09 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -57.37 | 2.59 | -54.78 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -47.98 | 2.59 | -45.39 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -57.98 | 2.59 | -55.39 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -48.36 | 2.59 | -45.77 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -56.11 | 2.59 | -53.52 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -43.5  | 2.59 | -40.91 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -53.44 | 2.59 | -50.85 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -38.86 | 2.59 | -36.27 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -51.24 | 2.59 | -48.65 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -29.64 | 2.59 | -27.05 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -49.98 | 2.59 | -47.39 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -38.12 | 2.59 | -35.53 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -52.37 | 2.59 | -49.78 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -41.79 | 2.59 | -39.2  | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -53.49 | 2.59 | -50.9  | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -43.92 | 2.59 | -41.33 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -56.01 | 2.59 | -53.42 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -47.07 | 2.59 | -44.48 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -57.09 | 2.59 | -54.5  | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -46.57 | 2.59 | -43.98 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -56.13 | 2.59 | -53.54 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -39.44 | 2.59 | -36.85 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -52.37 | 2.59 | -49.78 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -37.98 | 2.59 | -35.39 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -49.57 | 2.59 | -46.98 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -30.89 | 2.59 | -28.3  | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -46.8  | 2.59 | -44.21 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -45.45 | 2.59 | -42.86 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -55.06 | 2.59 | -52.47 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -40.9  | 2.59 | -38.31 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -55.3  | 2.59 | -52.71 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -46.01 | 2.59 | -43.42 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -56.31 | 2.59 | -53.72 | Average | 10   | Pass |



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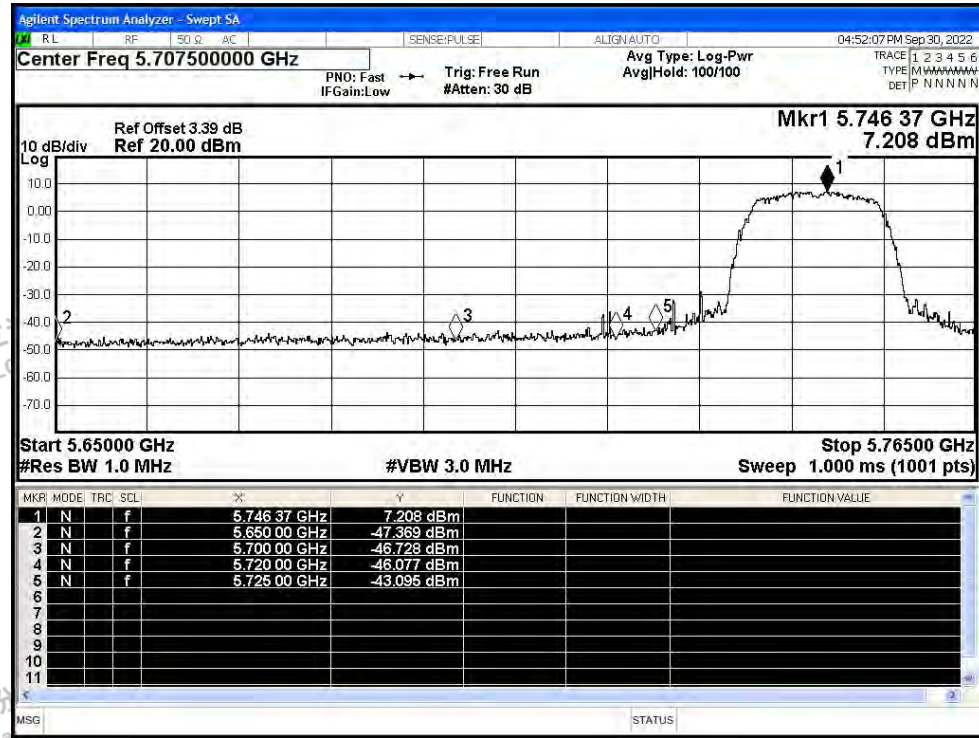
|      |      |      |      |      |        |      |        |         |      |      |
|------|------|------|------|------|--------|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5925 | -49.32 | 2.59 | -46.73 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -57.35 | 2.59 | -54.76 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -46.78 | 2.59 | -44.19 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -55.1  | 2.59 | -52.51 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -38.66 | 2.59 | -36.07 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -50.79 | 2.59 | -48.2  | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -37.08 | 2.59 | -34.49 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -49.24 | 2.59 | -46.65 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -37.52 | 2.59 | -34.93 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -47    | 2.59 | -44.41 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -41.98 | 2.59 | -39.39 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -52.46 | 2.59 | -49.87 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -40.1  | 2.59 | -37.51 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -53.16 | 2.59 | -50.57 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -45.38 | 2.59 | -42.79 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -55.14 | 2.59 | -52.55 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -47.55 | 2.59 | -44.96 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -56.77 | 2.59 | -54.18 | Average | -27  | Pass |



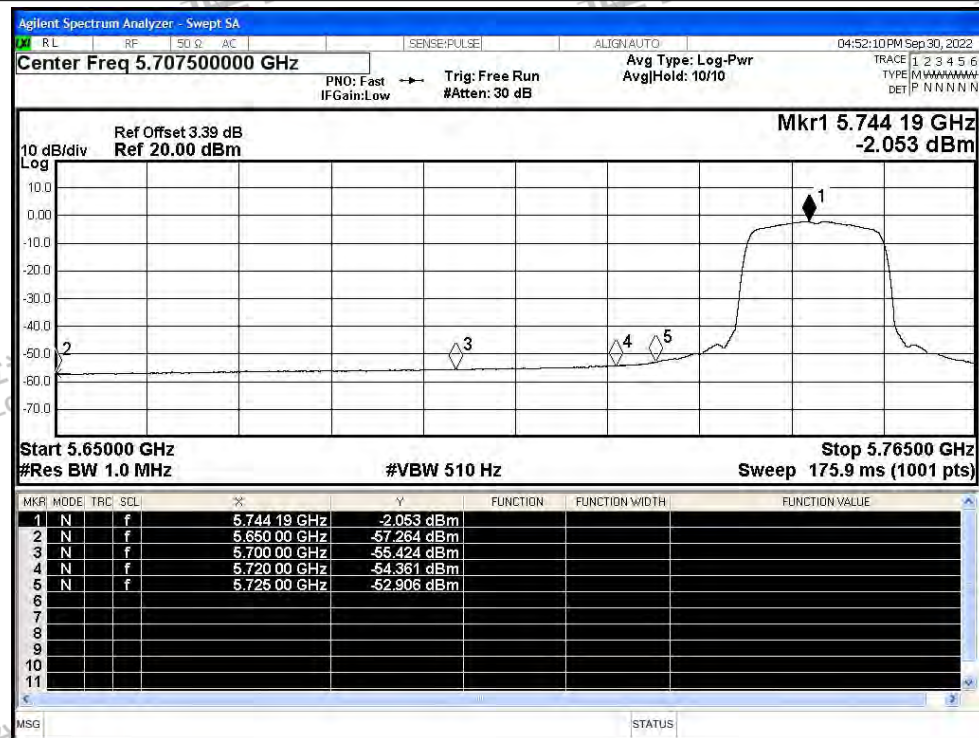


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant1 Peak



## Restrict Band NVNT a 5745MHz Ant1 Average



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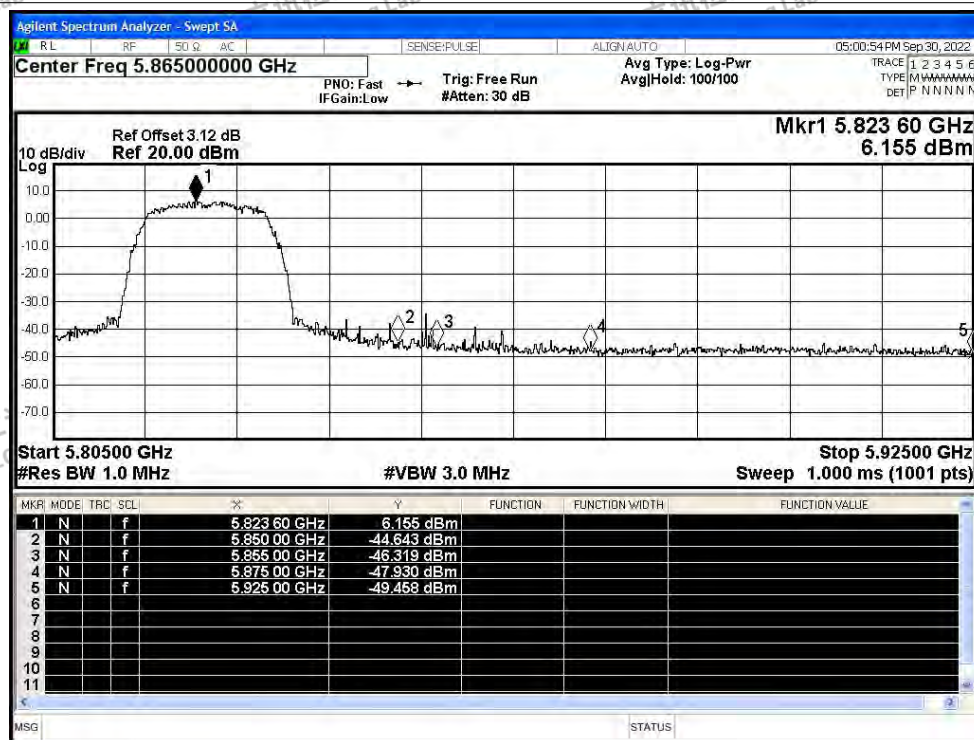
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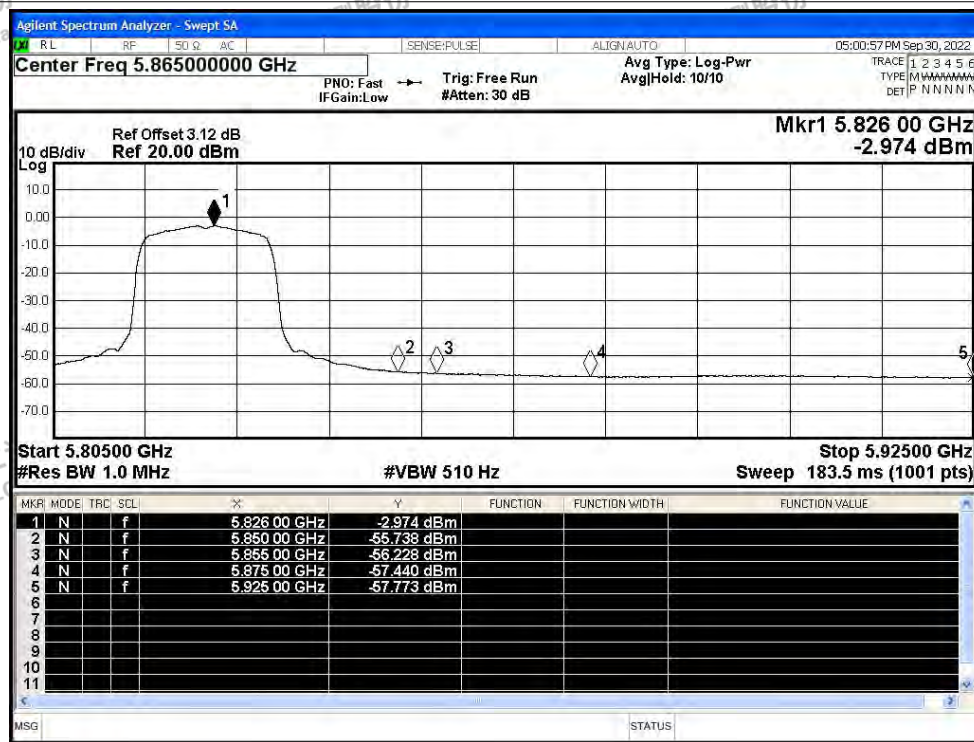
Scan code to check authenticity



## Restrict Band NVNT a 5825MHz Ant1 Peak



## Restrict Band NVNT a 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

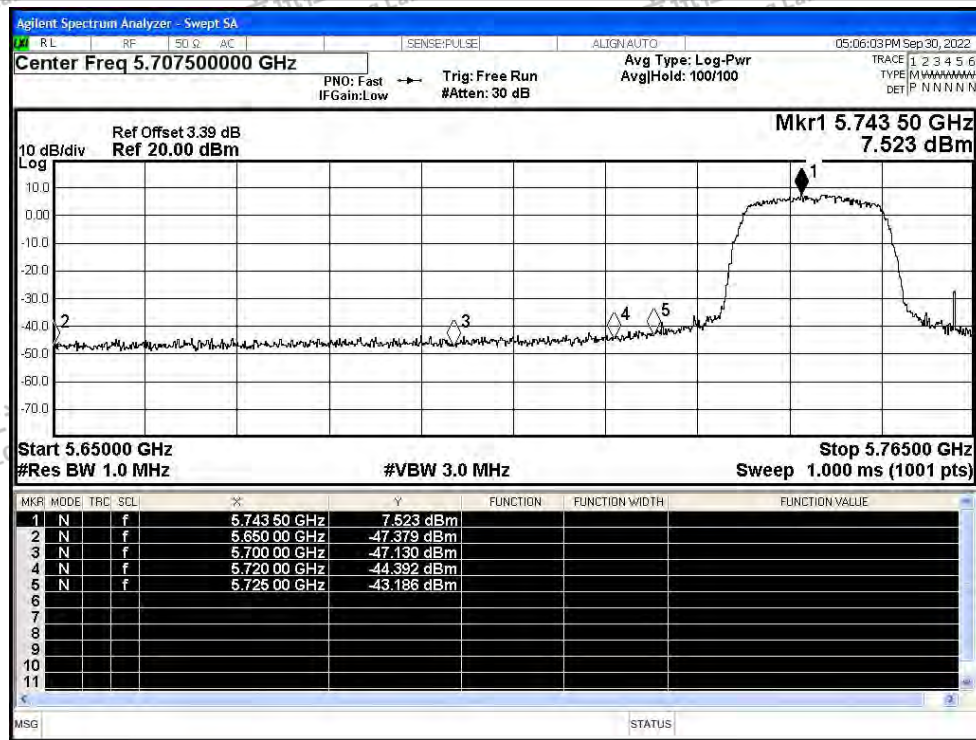
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

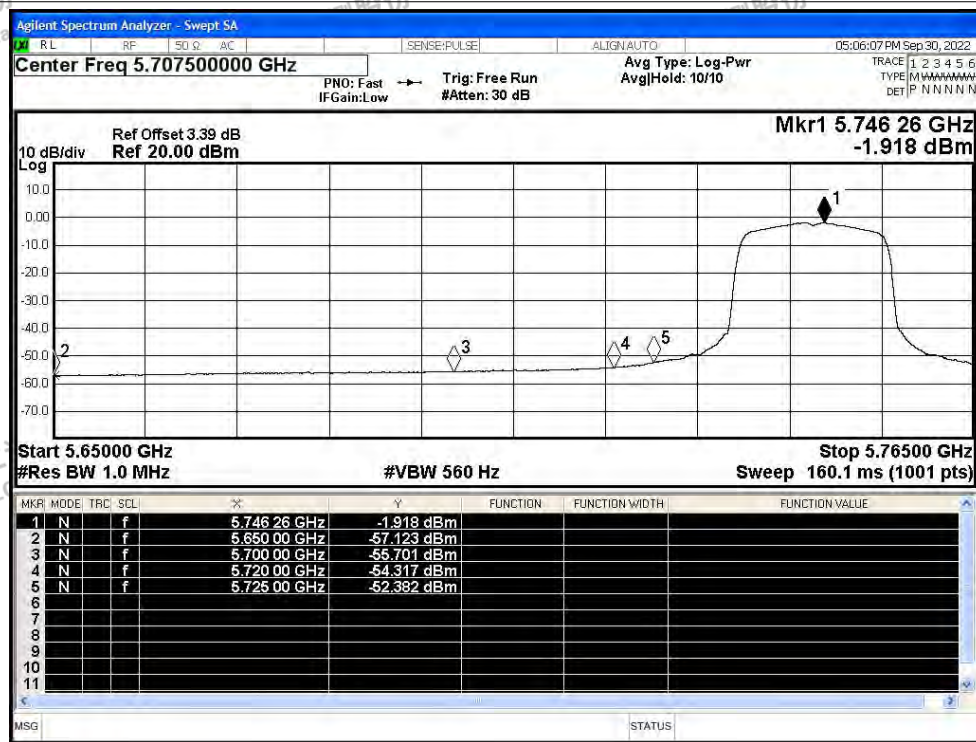
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## Restrict Band NVNT n20 5745MHz Ant1 Peak

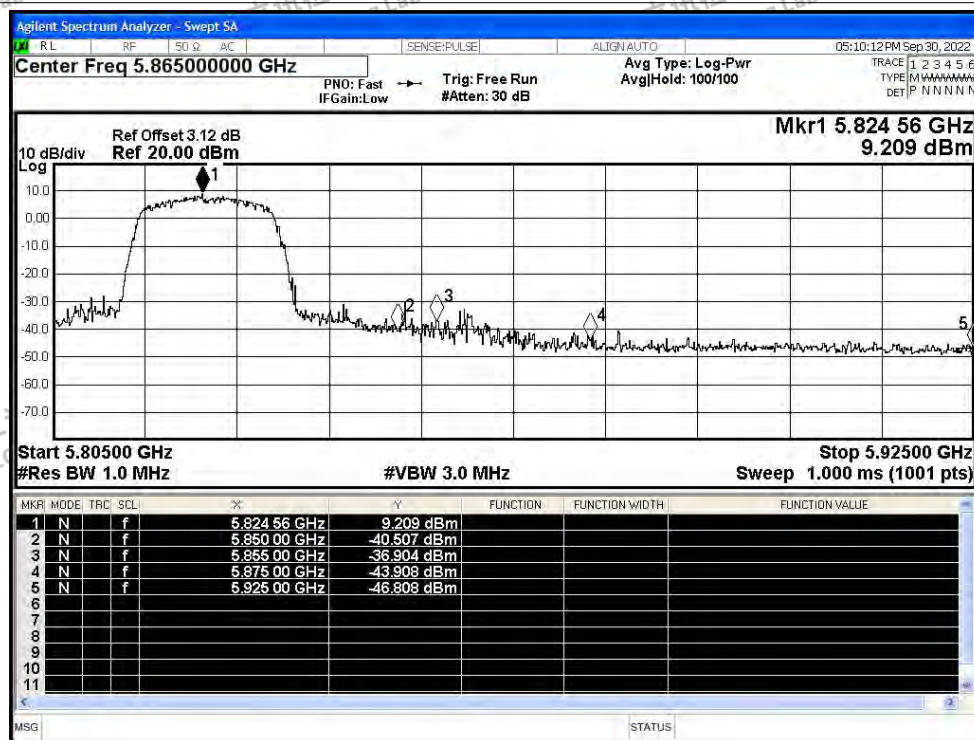


## Restrict Band NVNT n20 5745MHz Ant1 Average

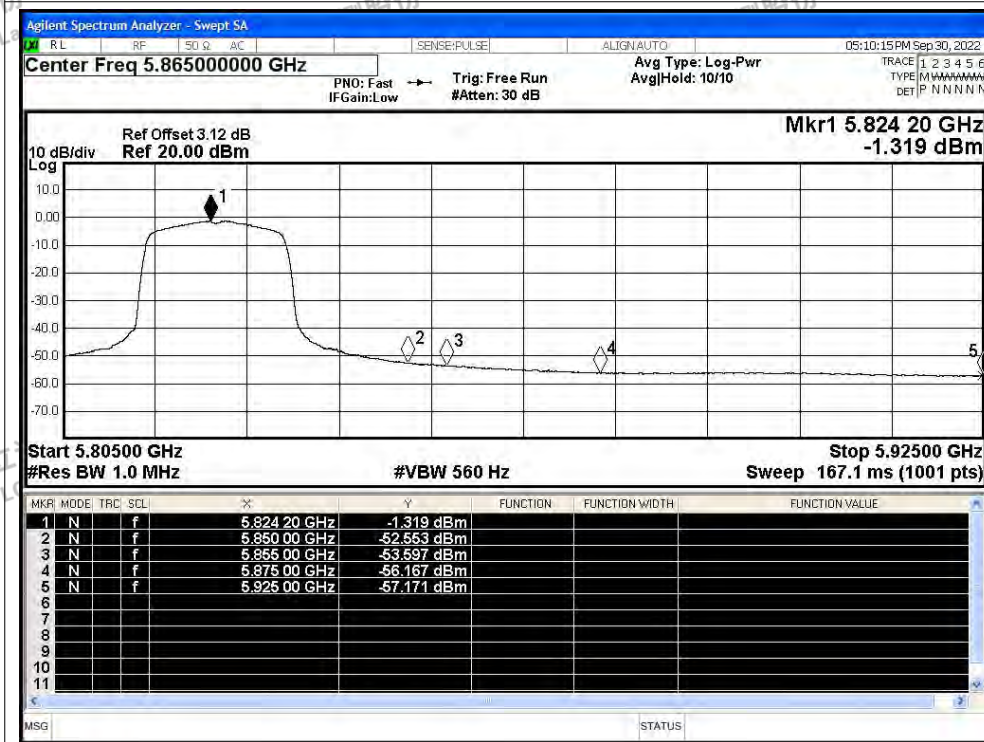




## Restrict Band NVNT n20 5825MHz Ant1 Peak



## Restrict Band NVNT n20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

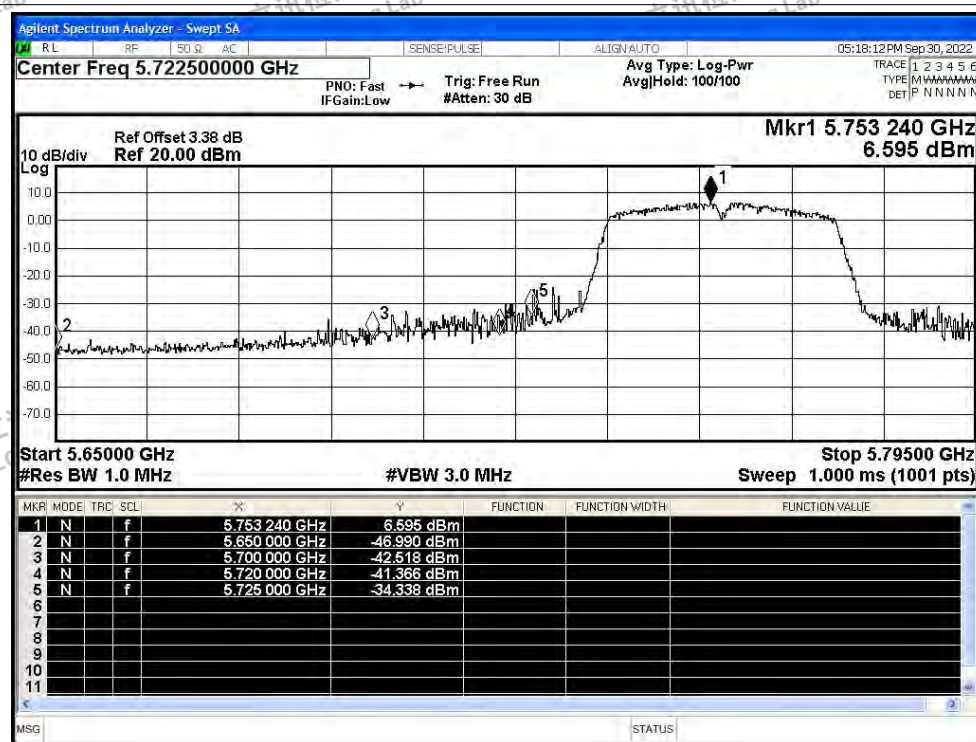
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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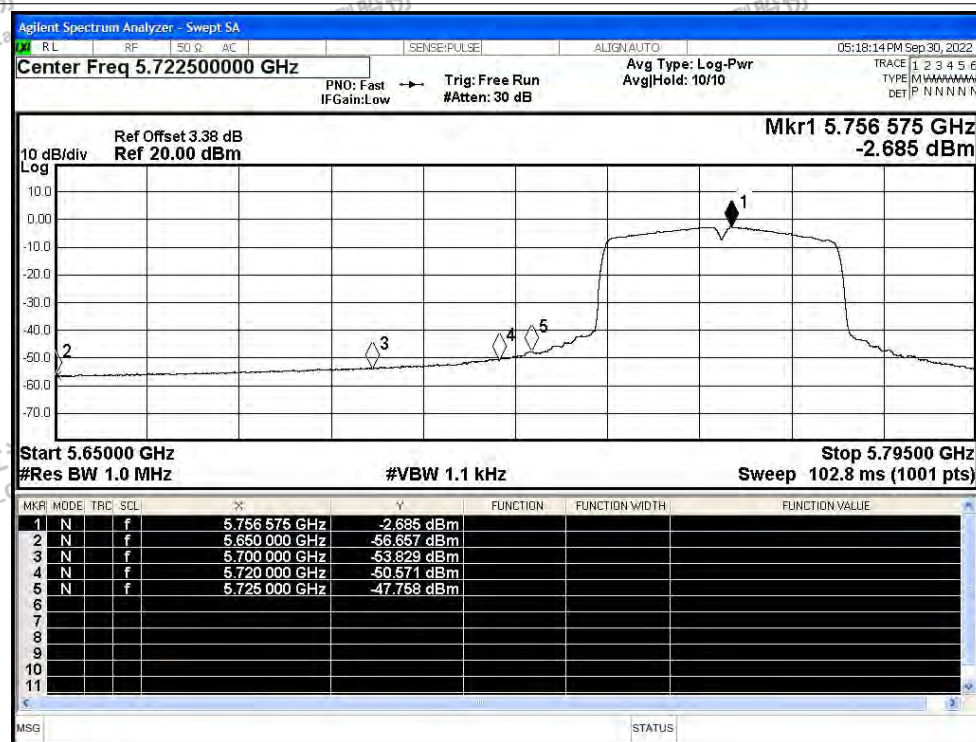
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## Restrict Band NVNT n40 5755MHz Ant1 Peak



## Restrict Band NVNT n40 5755MHz Ant1 Average



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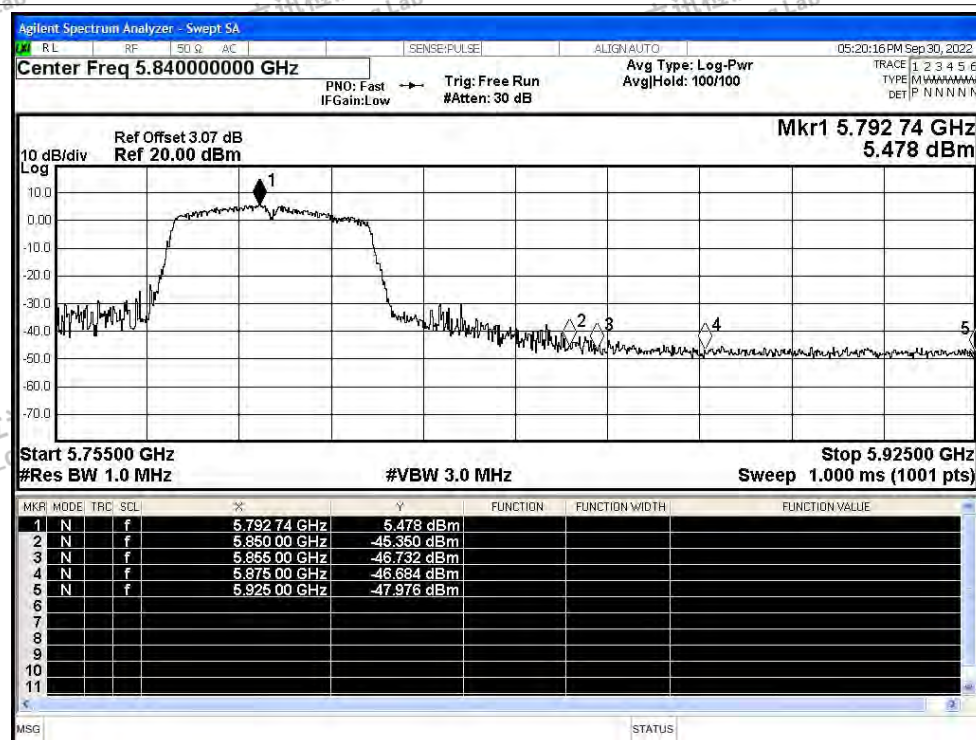
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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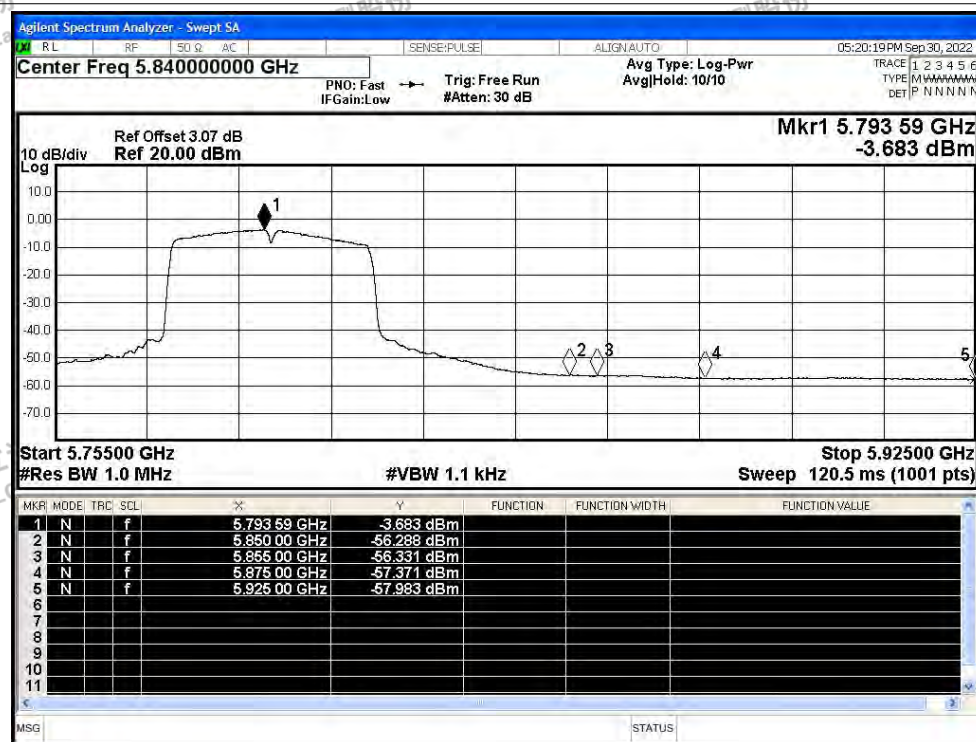
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## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



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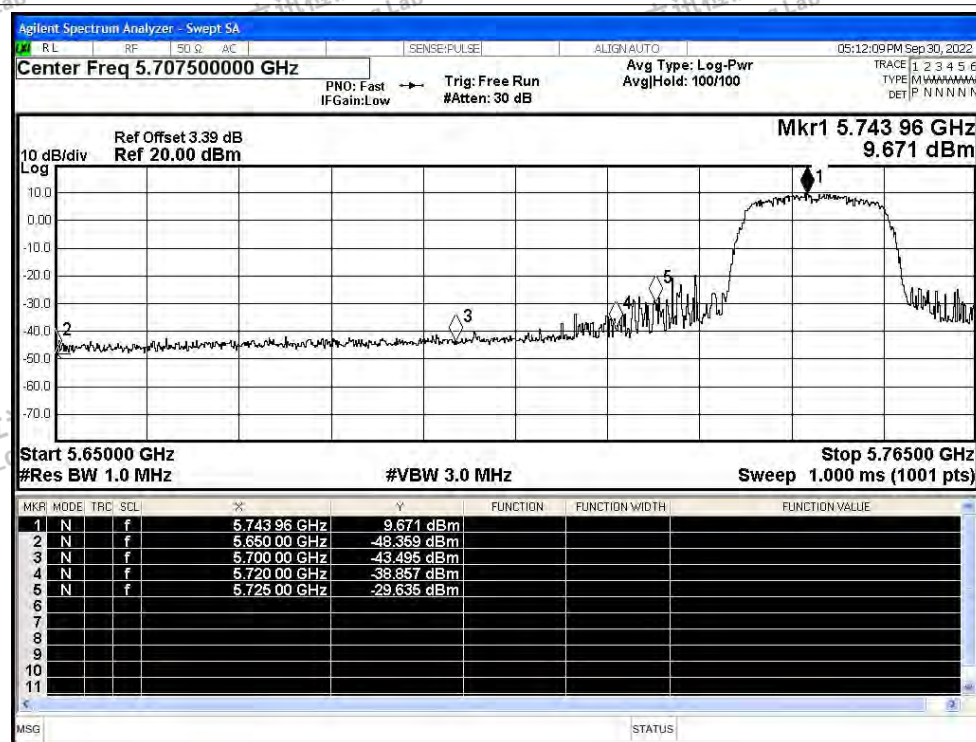
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

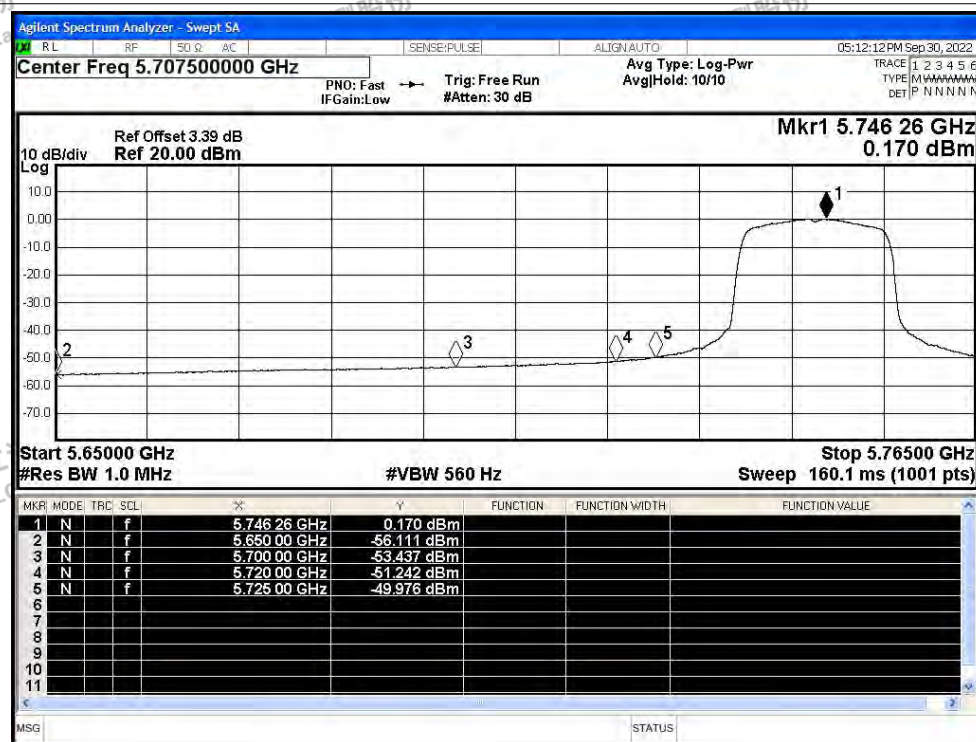
Scan code to check authenticity



## Restrict Band NVNT ac20 5745MHz Ant1 Peak

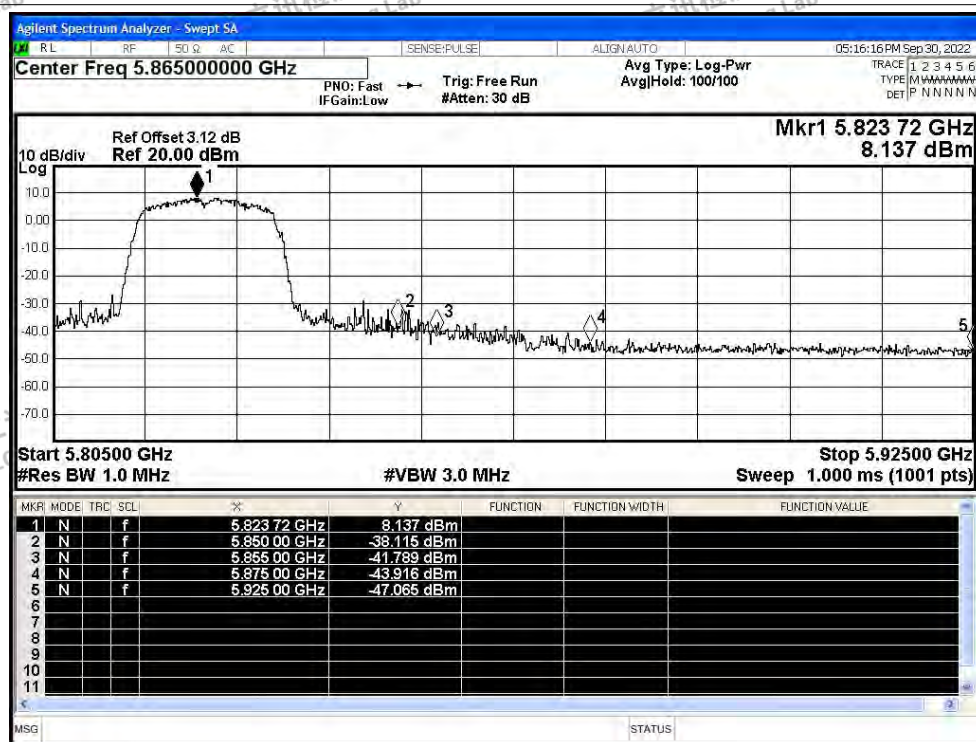


## Restrict Band NVNT ac20 5745MHz Ant1 Average

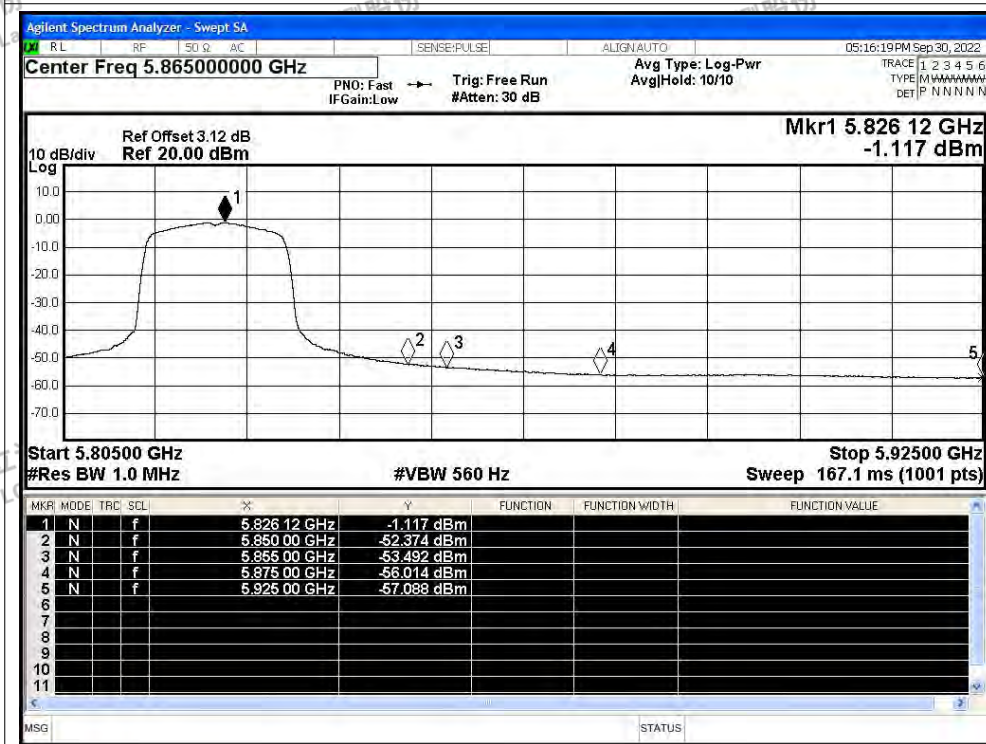




## Restrict Band NVNT ac20 5825MHz Ant1 Peak



## Restrict Band NVNT ac20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

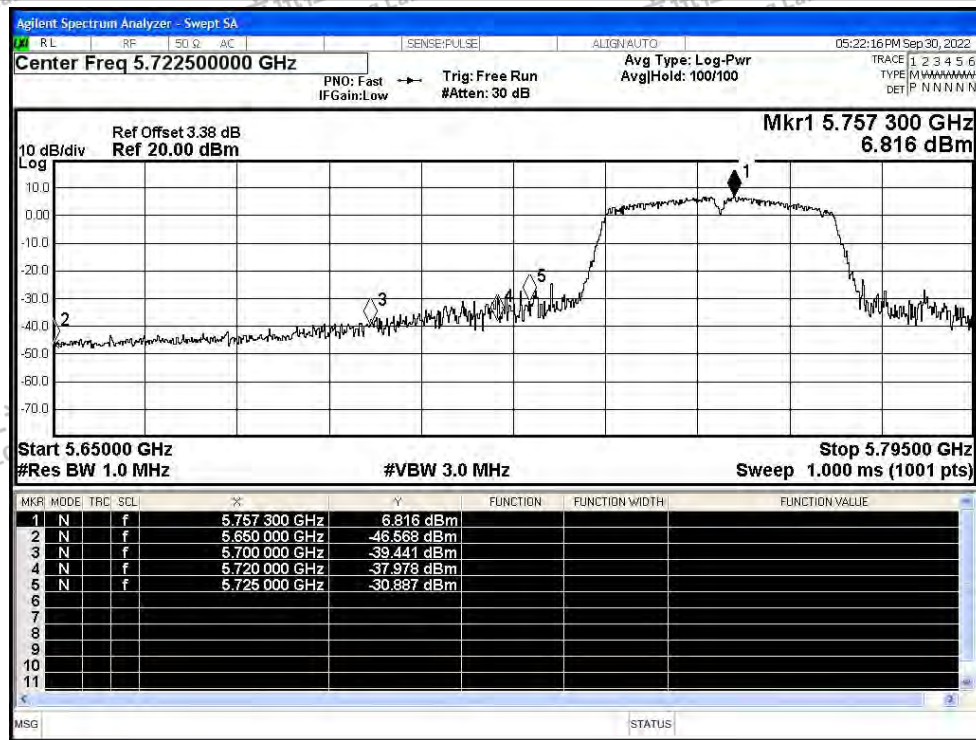
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

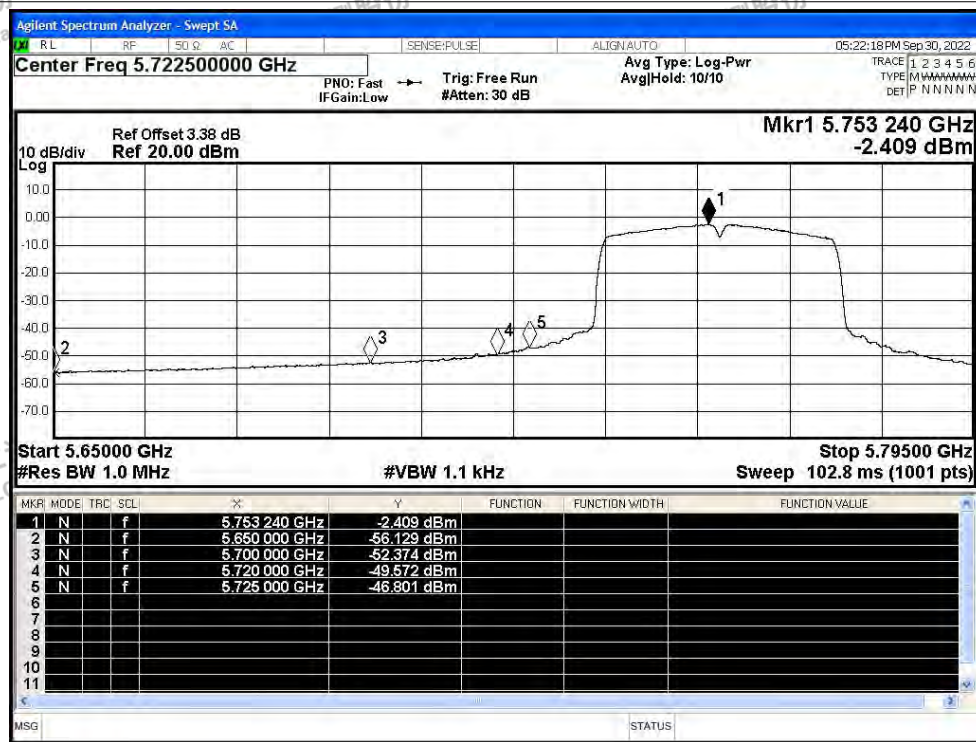
Scan code to check authenticity



## Restrict Band NVNT ac40 5755MHz Ant1 Peak



## Restrict Band NVNT ac40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

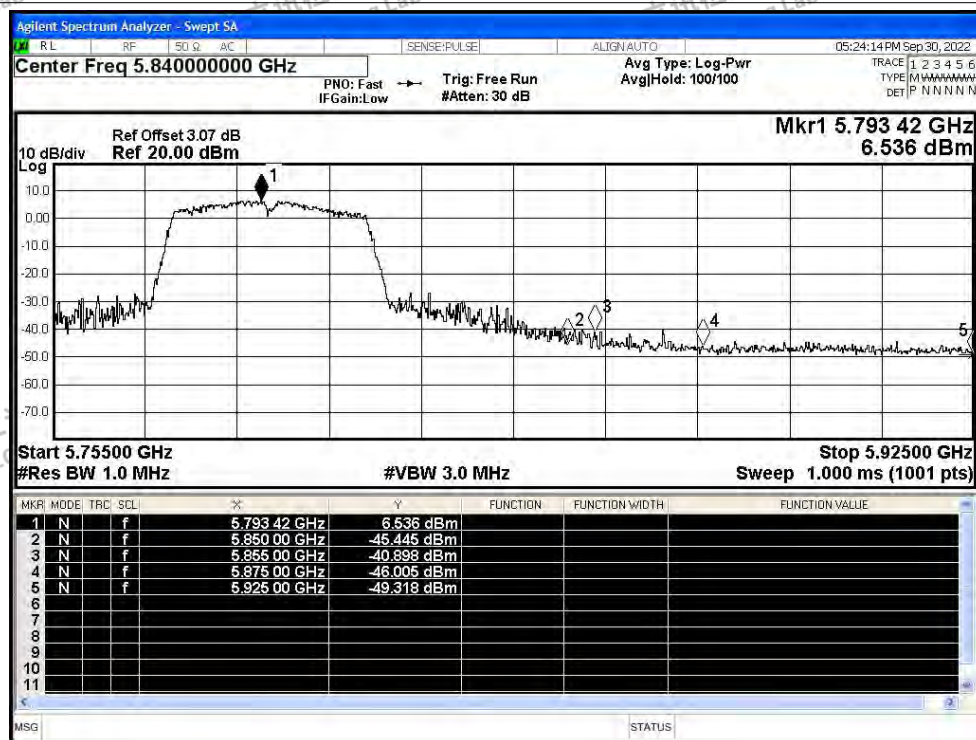
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

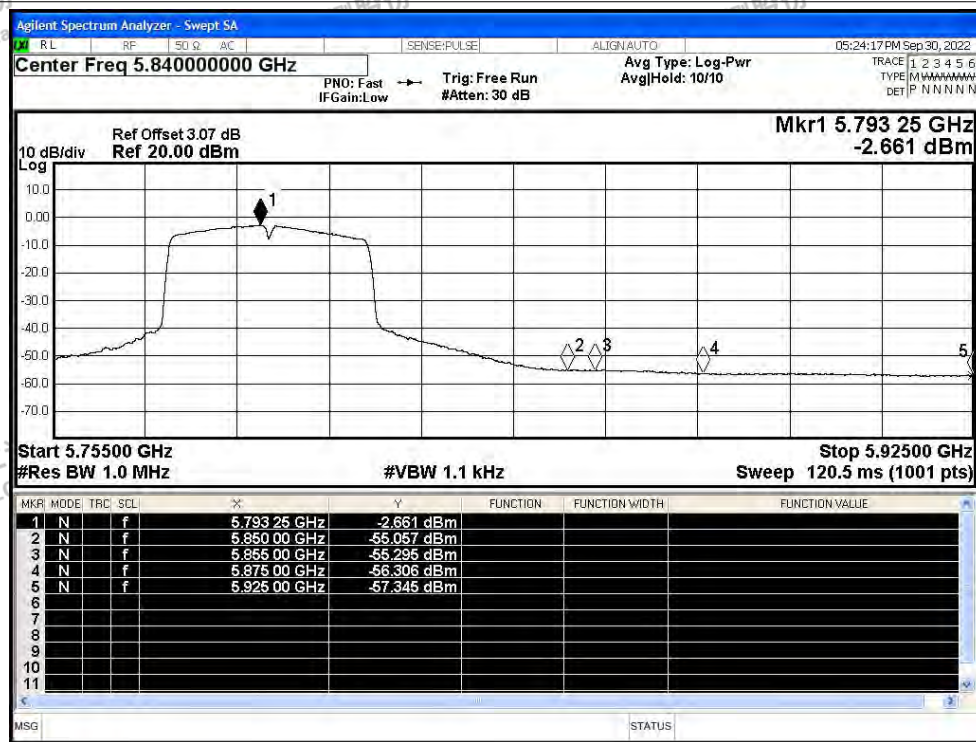
Scan code to check authenticity



## Restrict Band NVNT ac40 5795MHz Ant1 Peak



## Restrict Band NVNT ac40 5795MHz Ant1 Average



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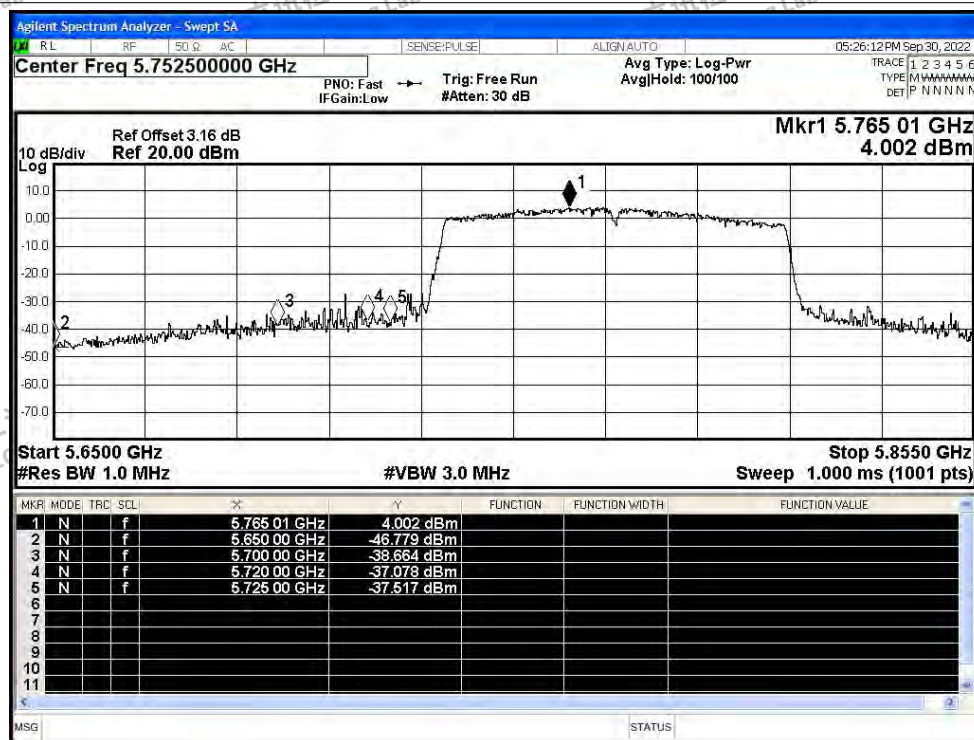
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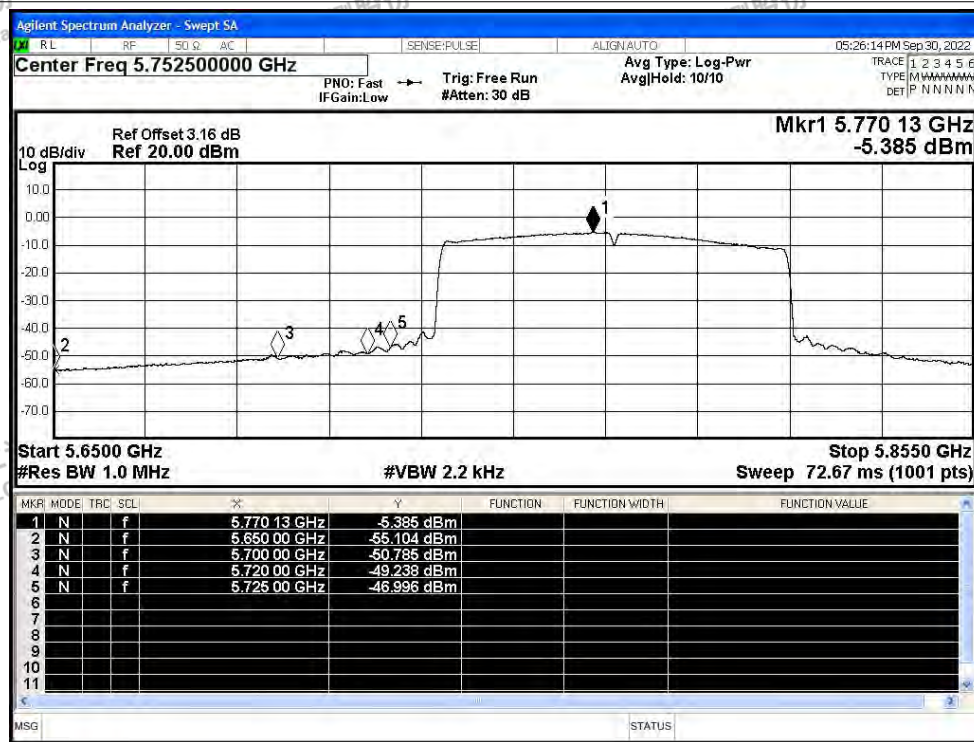
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



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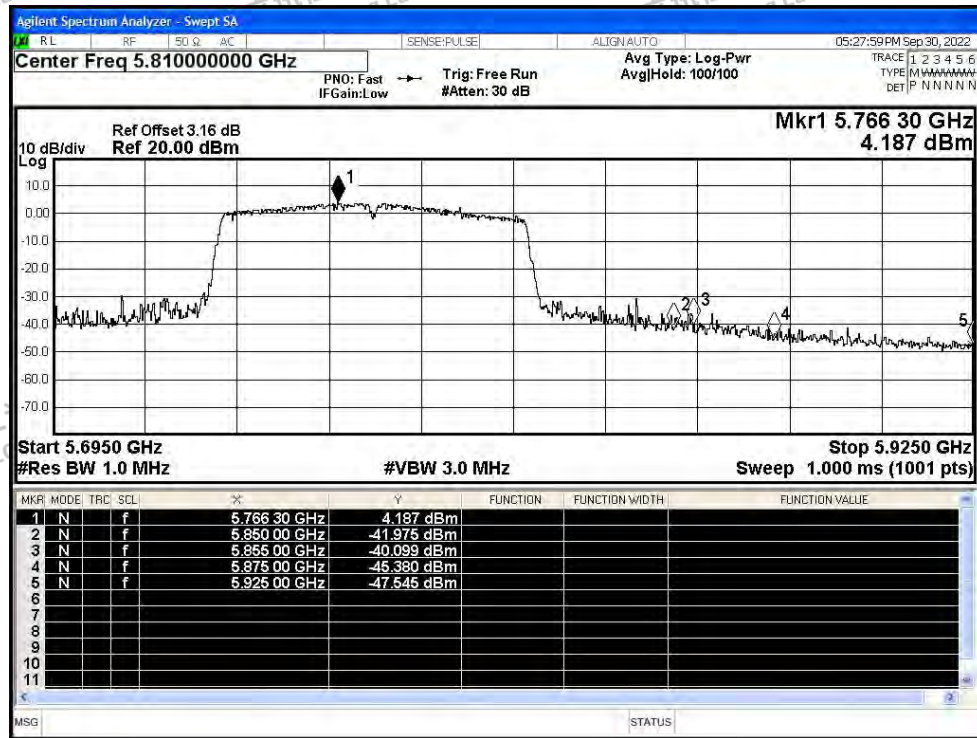
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

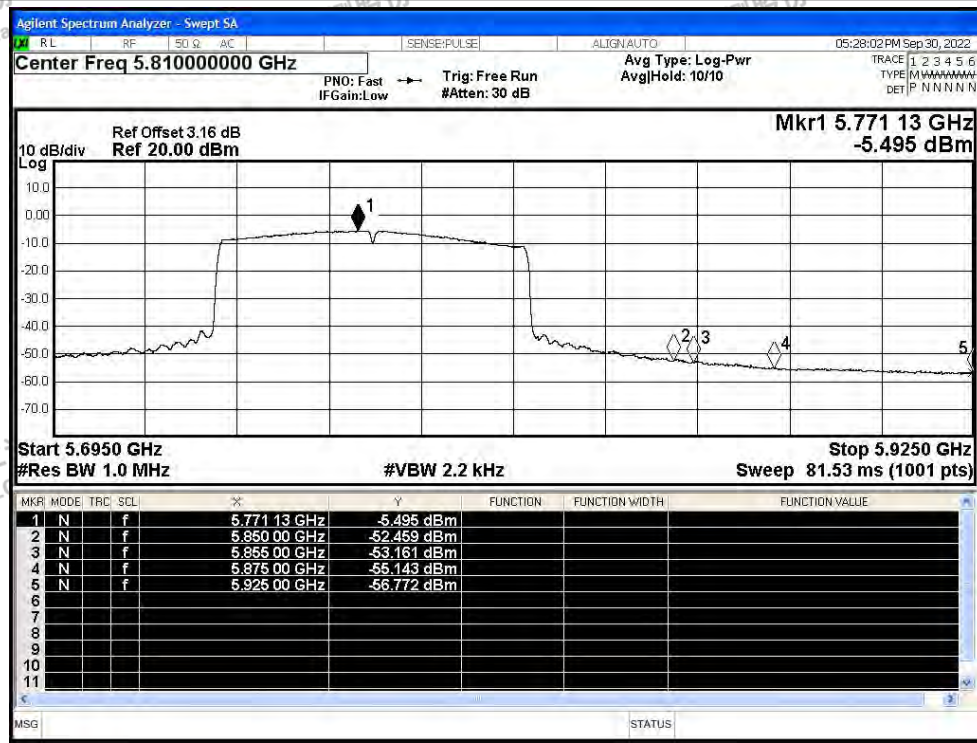
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## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



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## G.5 Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5744.96                  | -40000               | -6.96           | 25          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 5784.96                  | -40000               | -6.91           | 25          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5824.96                  | -40000               | -6.87           | 25          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5744.96                  | -40000               | -6.96           | 25          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 5794.96                  | -40000               | -6.9            | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 5744.96                  | -40000               | -6.96           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5785.02                  | 20000                | 3.46            | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.96                  | -40000               | -6.87           | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5794.96                  | -40000               | -6.9            | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | 25          | Pass    |

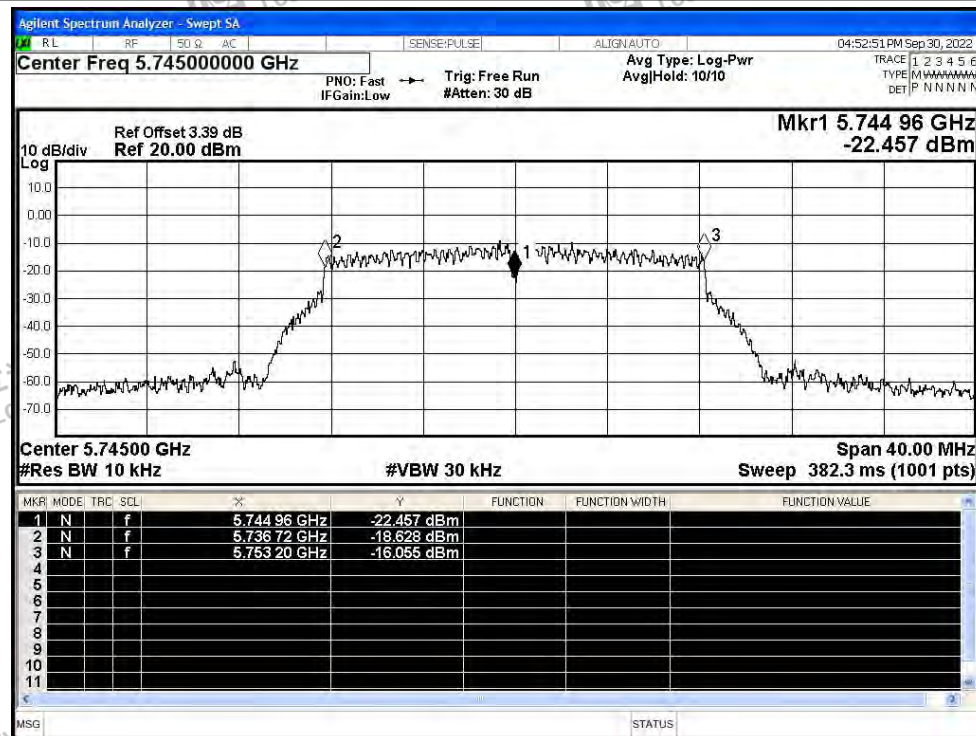


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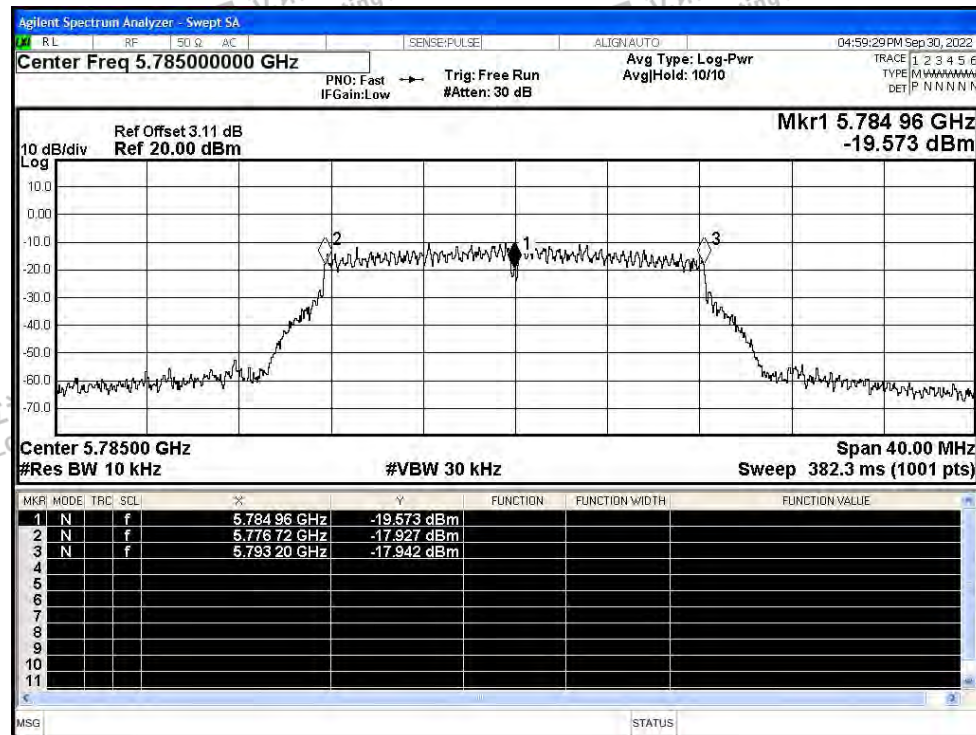


## Test Graphs

## Freq. Stability NVNT a 5745MHz Ant1

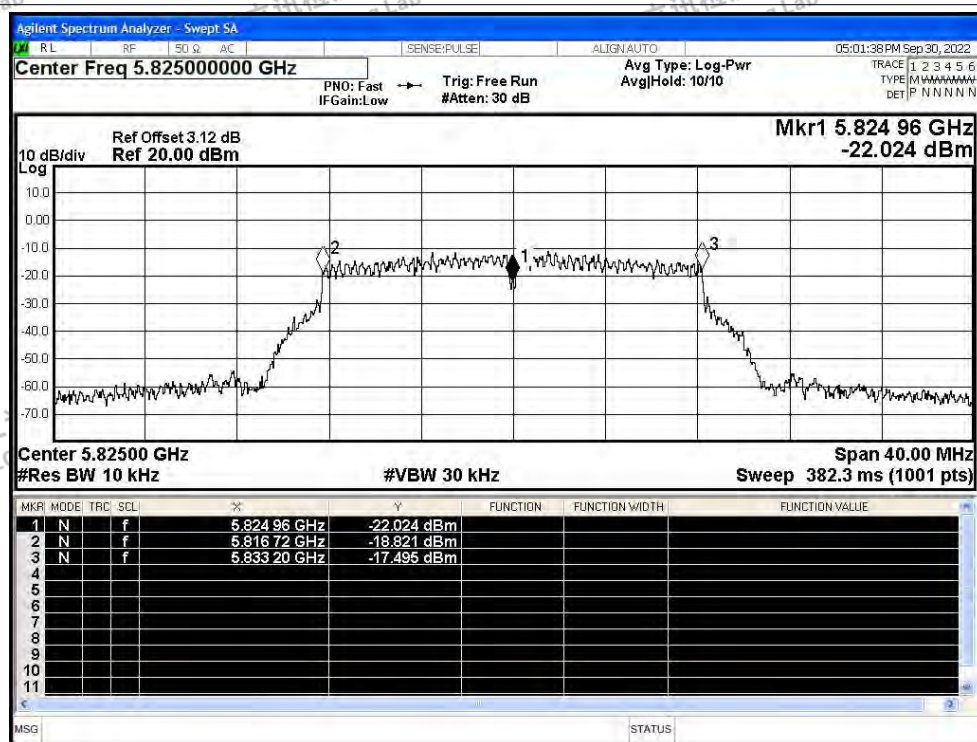


## Freq. Stability NVNT a 5785MHz Ant1

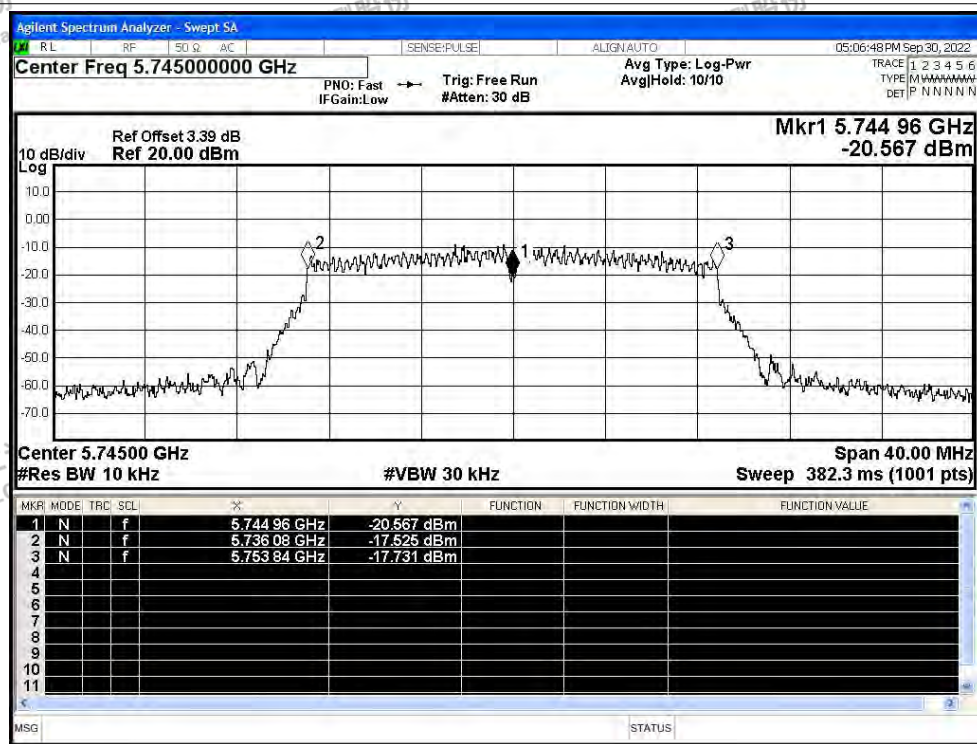




## Freq. Stability NVNT a 5825MHz Ant1

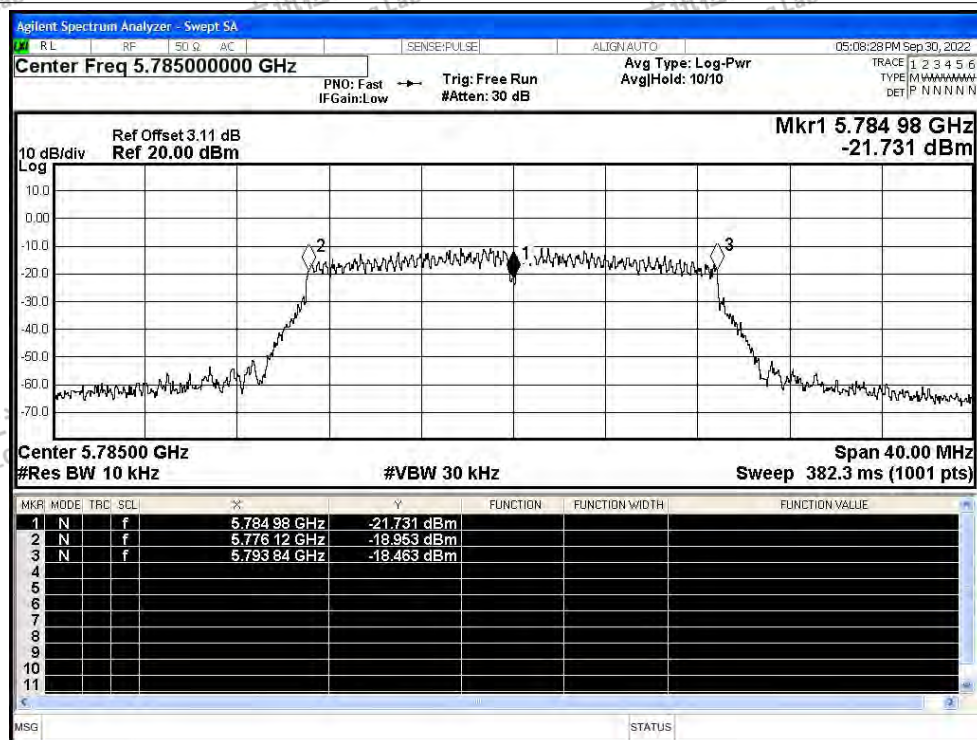


## Freq. Stability NVNT n20 5745MHz Ant1

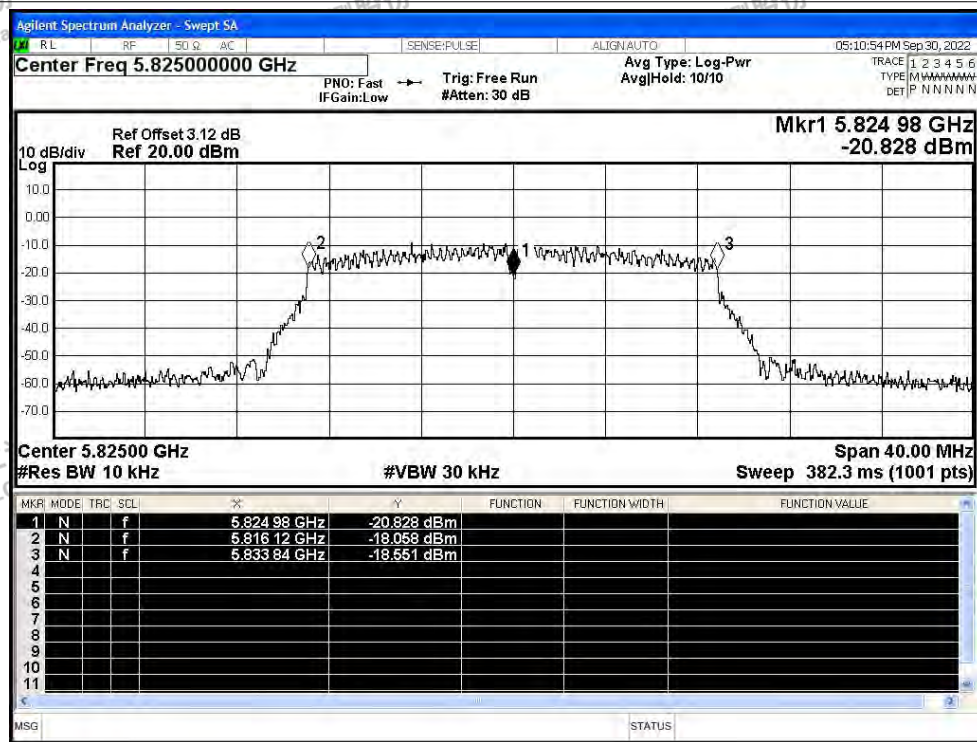




## Freq. Stability NVNT n20 5785MHz Ant1



## Freq. Stability NVNT n20 5825MHz Ant1



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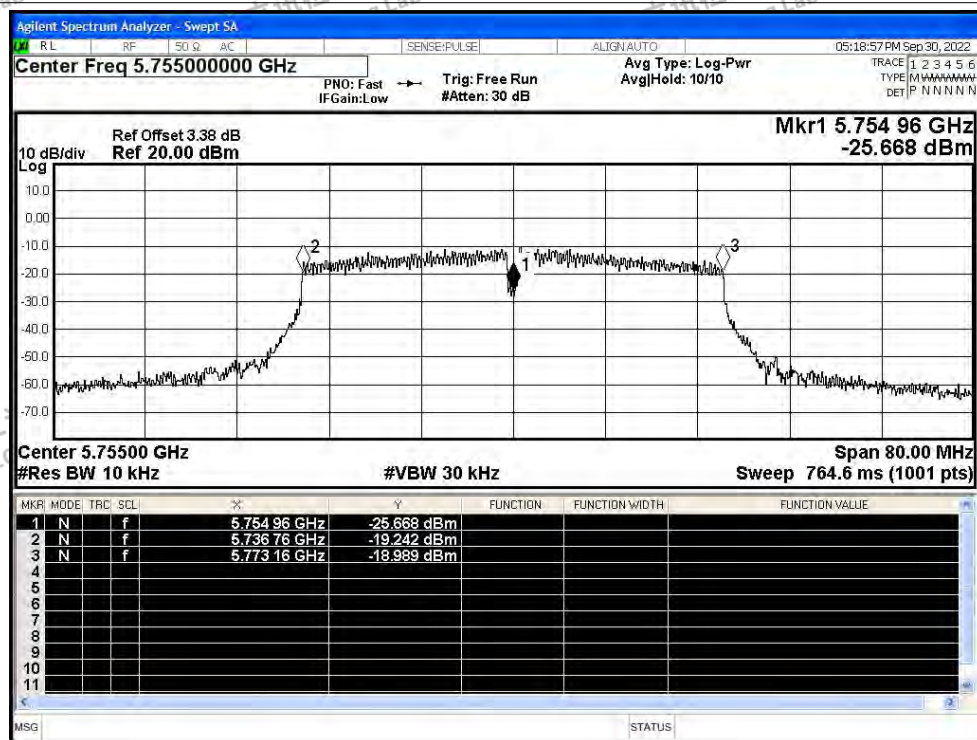
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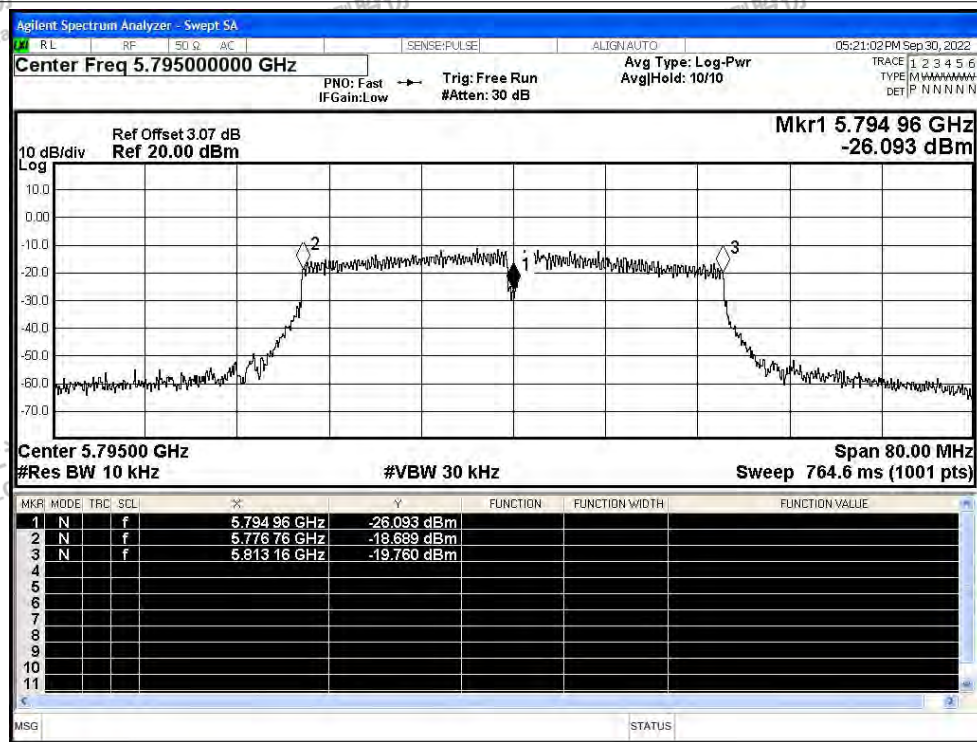
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## Freq. Stability NVNT n40 5755MHz Ant1



## Freq. Stability NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

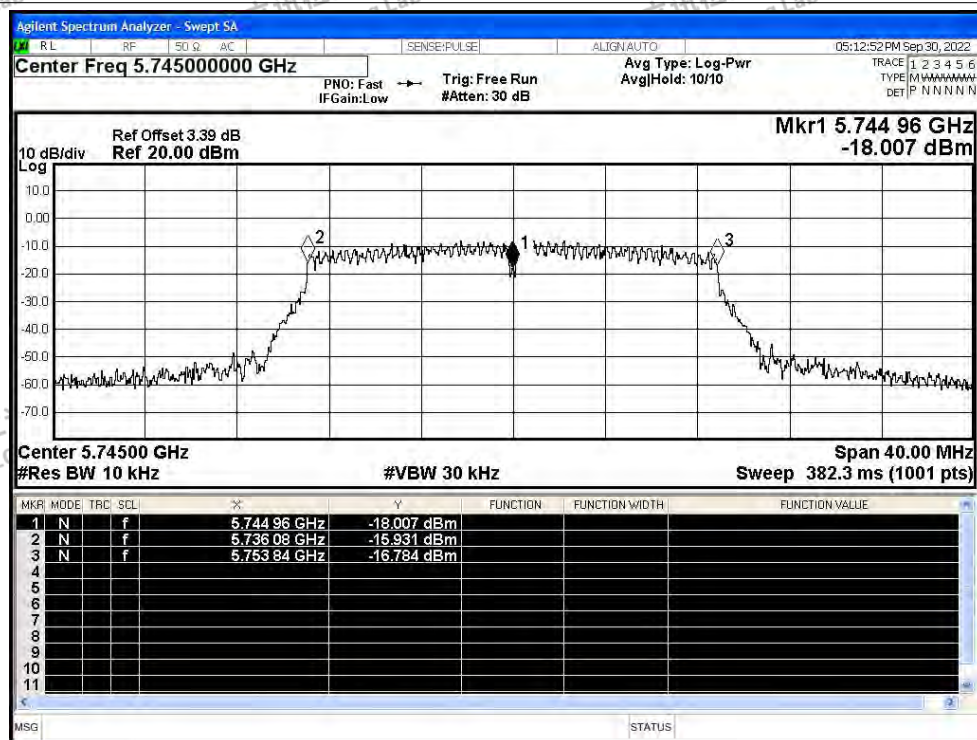
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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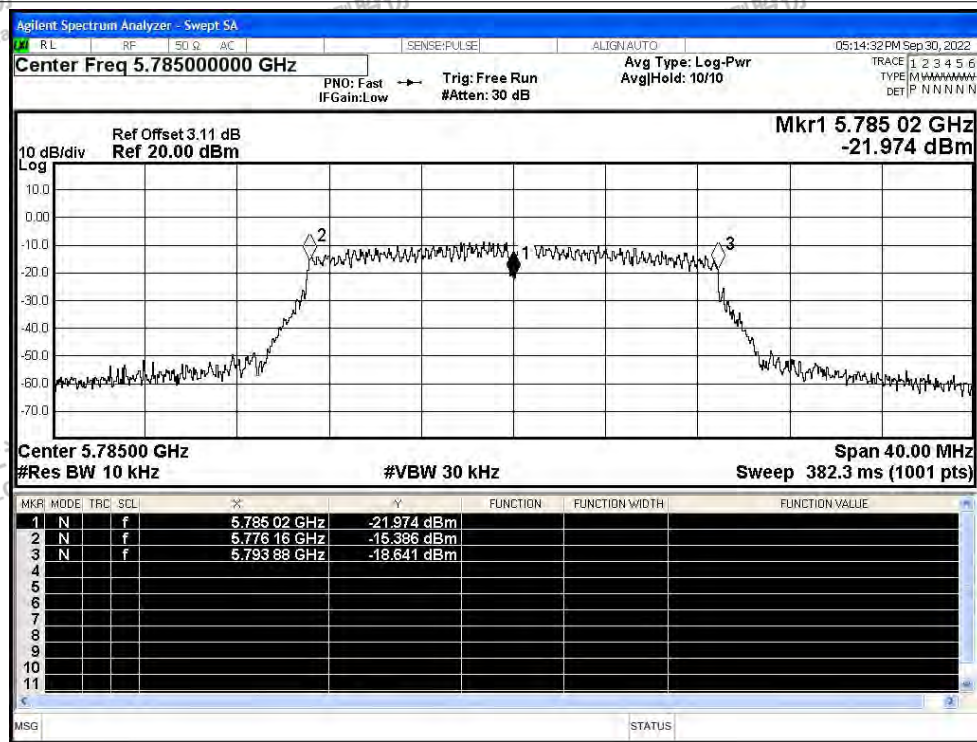
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## Freq. Stability NVNT ac20 5745MHz Ant1

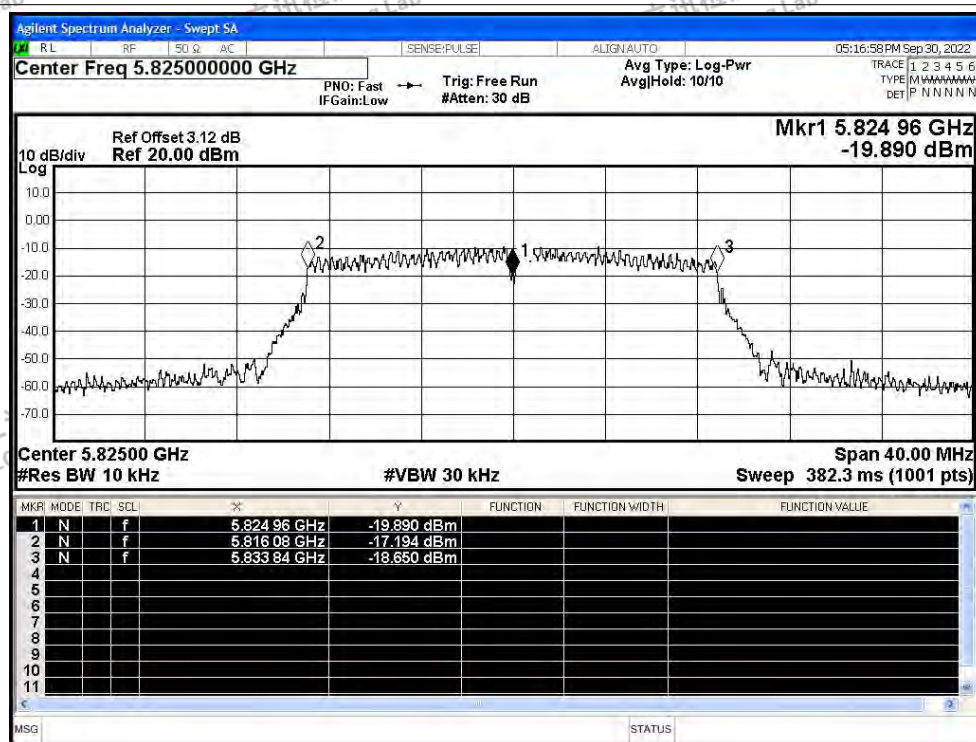


## Freq. Stability NVNT ac20 5785MHz Ant1

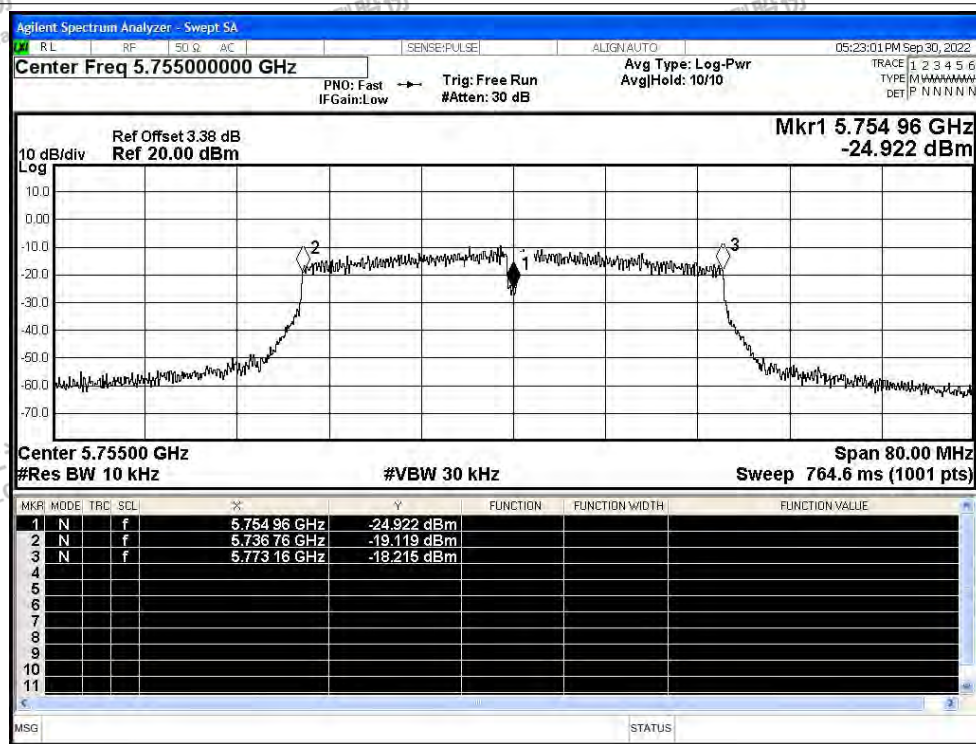




## Freq. Stability NVNT ac20 5825MHz Ant1

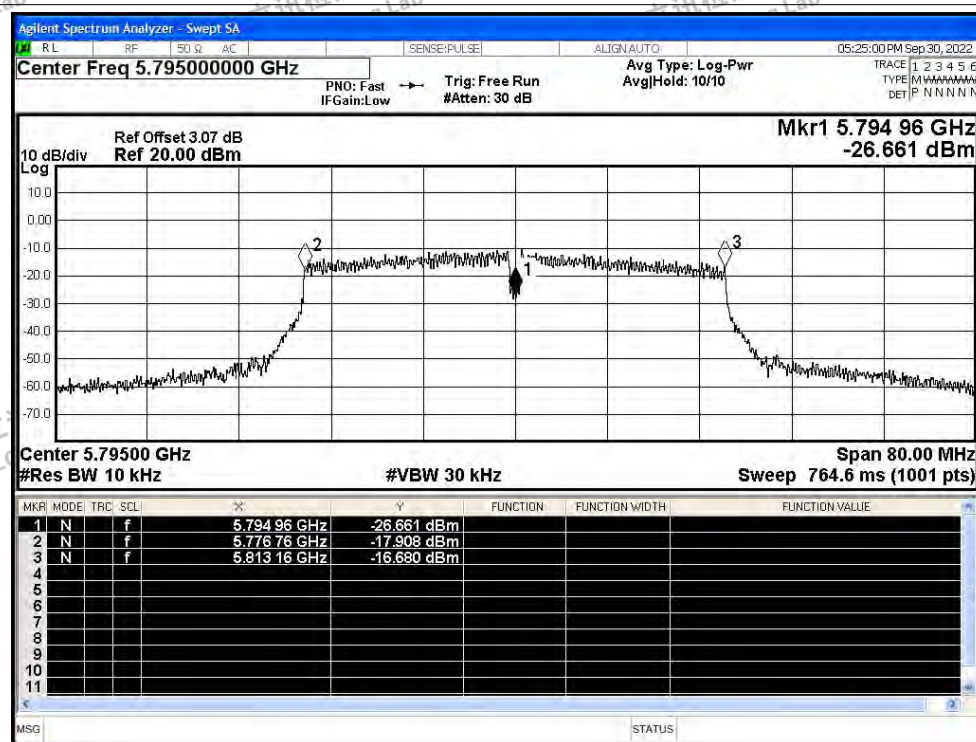


## Freq. Stability NVNT ac40 5755MHz Ant1

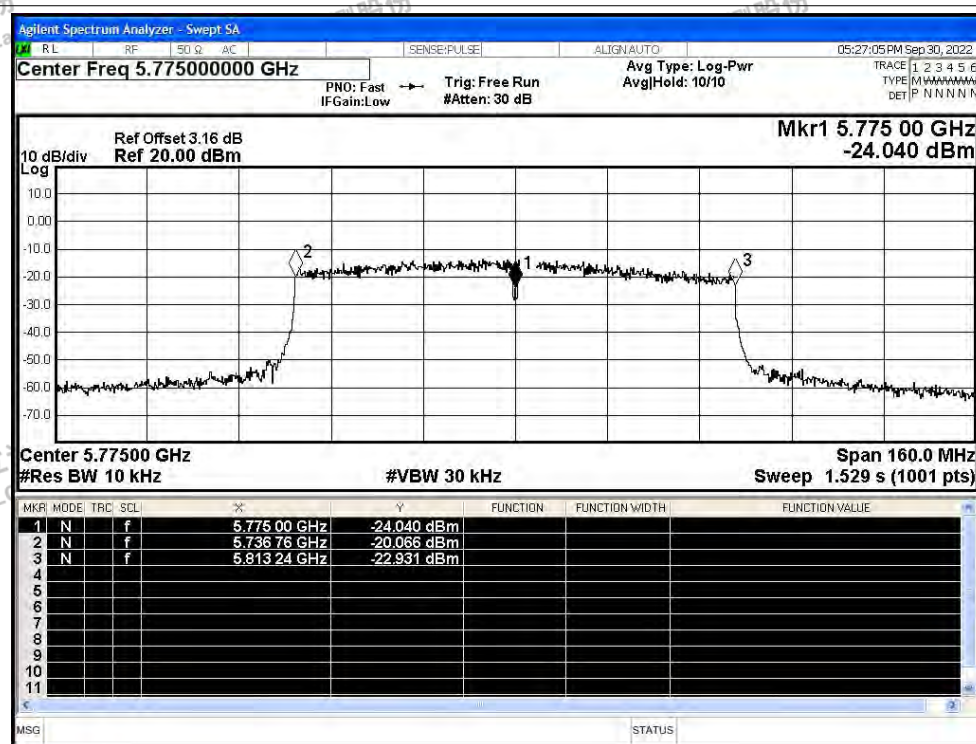




## Freq. Stability NVNT ac40 5795MHz Ant1



## Freq. Stability NVNT ac80 5775MHz Ant1





## G.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5785            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5825            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5745            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5785            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5825            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5755            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5795            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5745            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5785            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5825            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5755            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5795            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac80 | 5775            | Ant1    | 100            | 0                      | 0         |

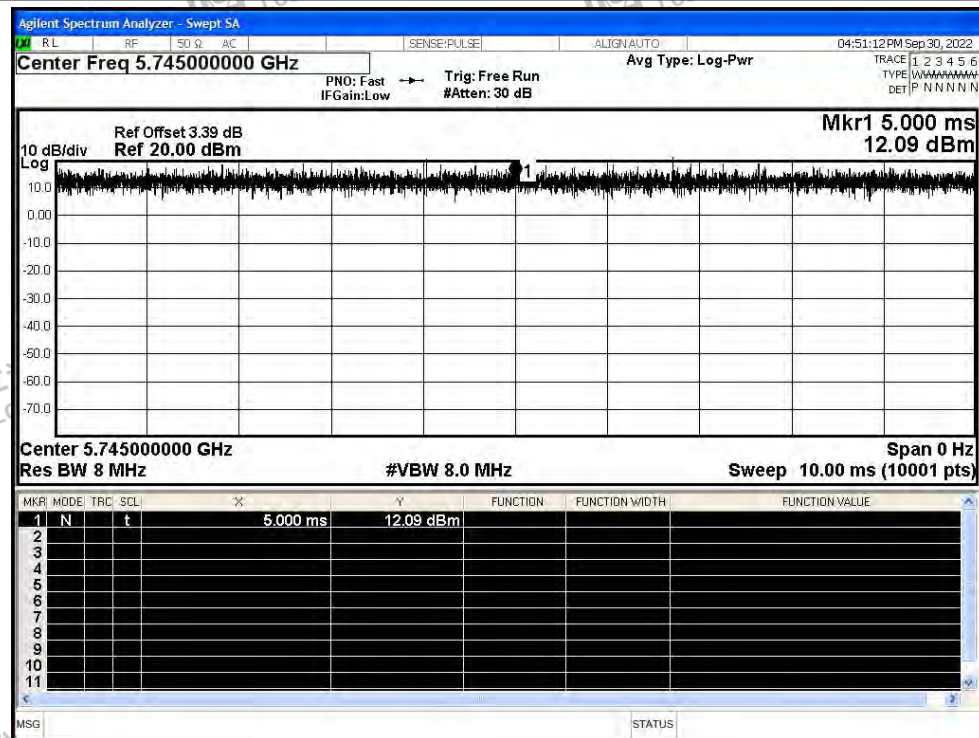


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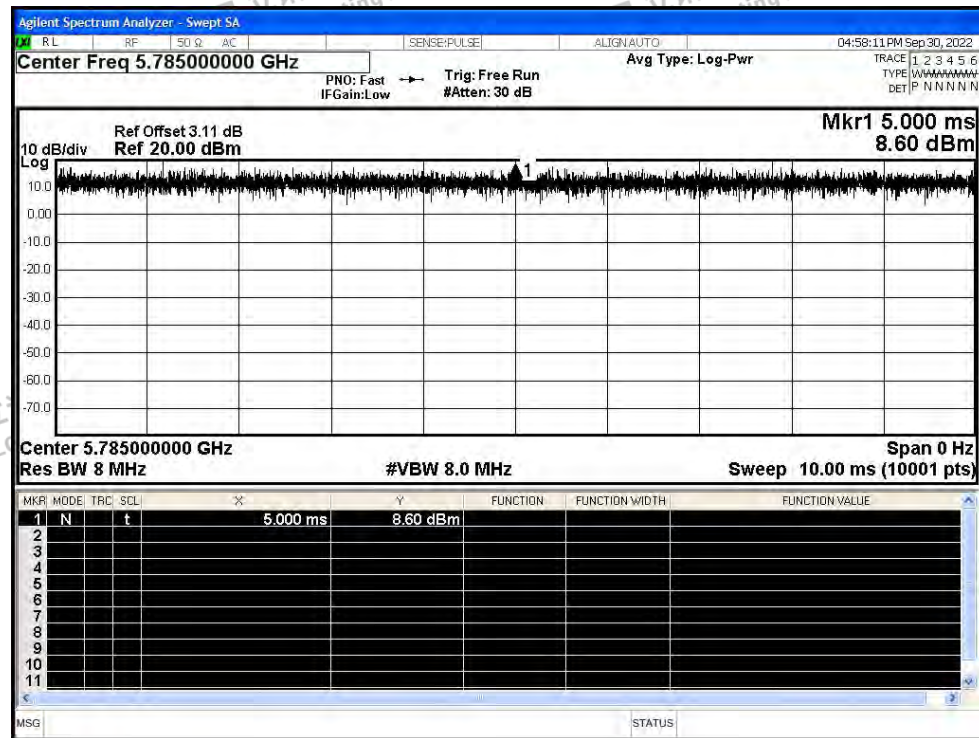


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1

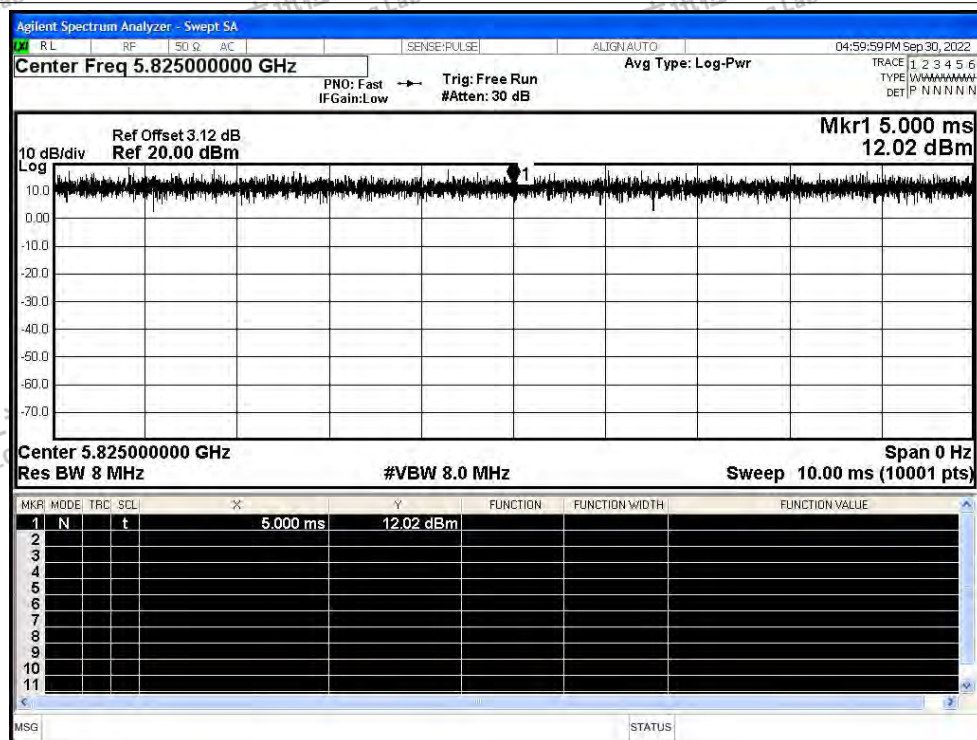


## Duty Cycle NVNT a 5785MHz Ant1

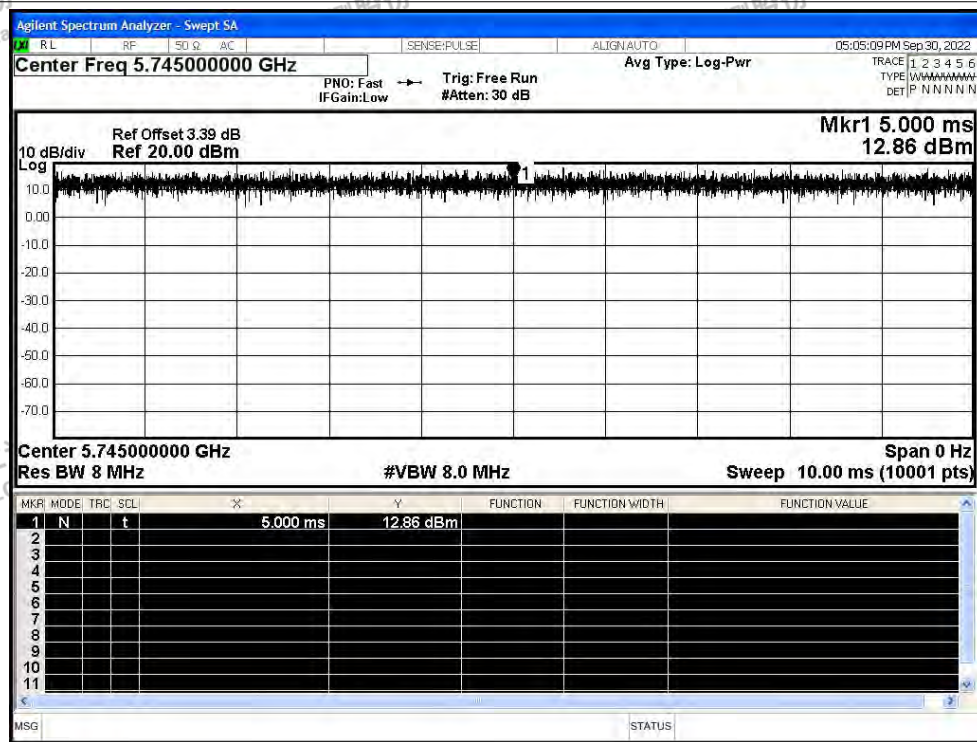




## Duty Cycle NVNT a 5825MHz Ant1

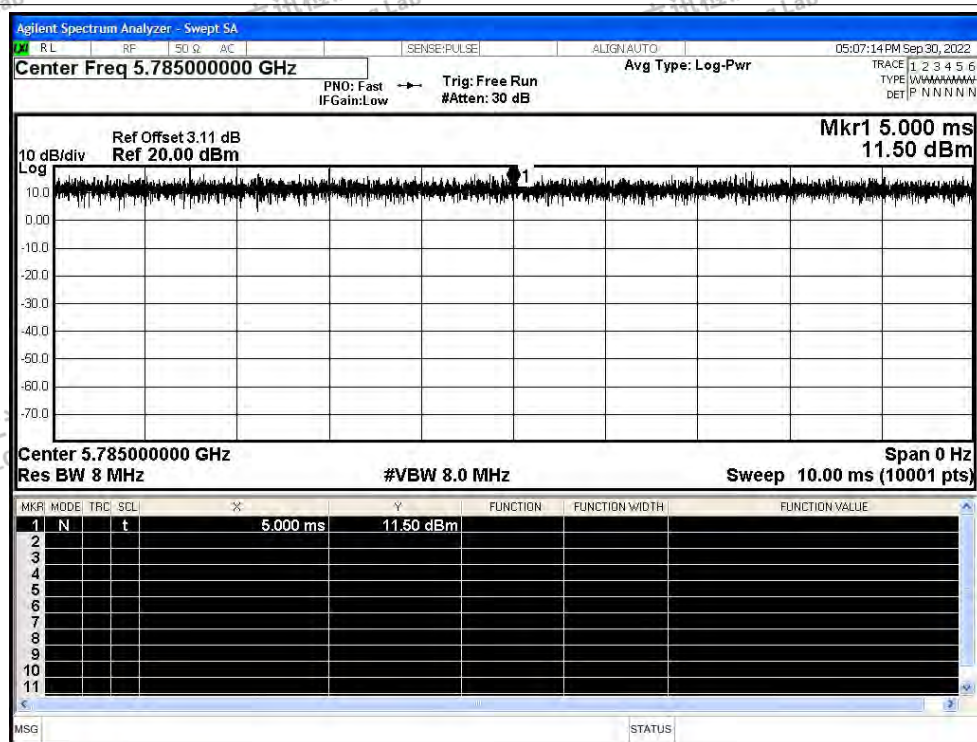


## Duty Cycle NVNT n20 5745MHz Ant1

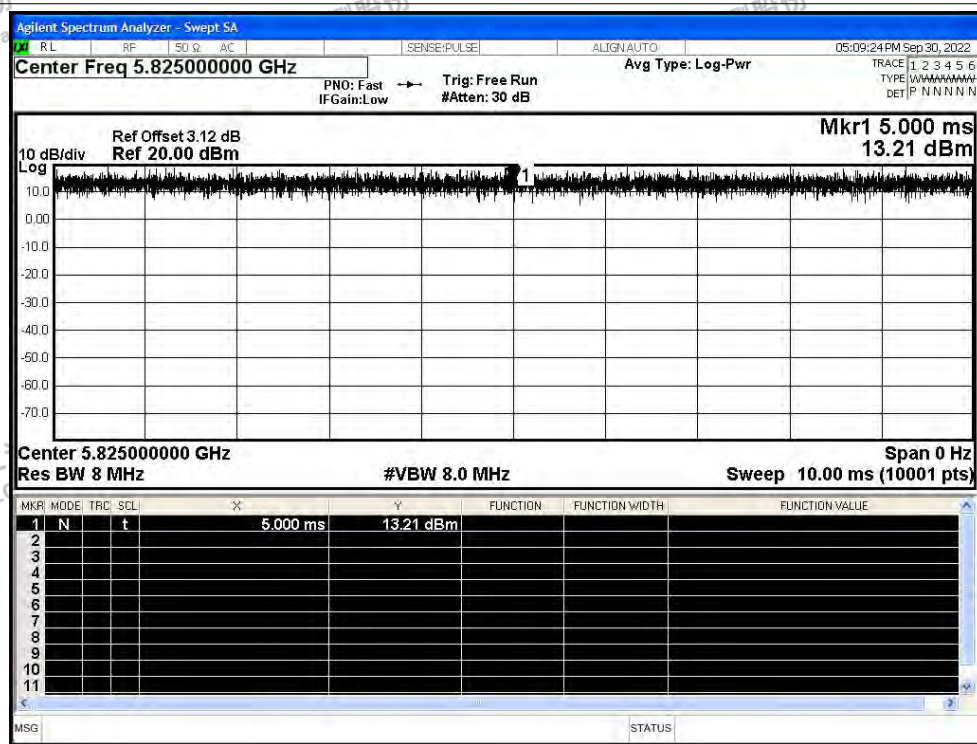




## Duty Cycle NVNT n20 5785MHz Ant1

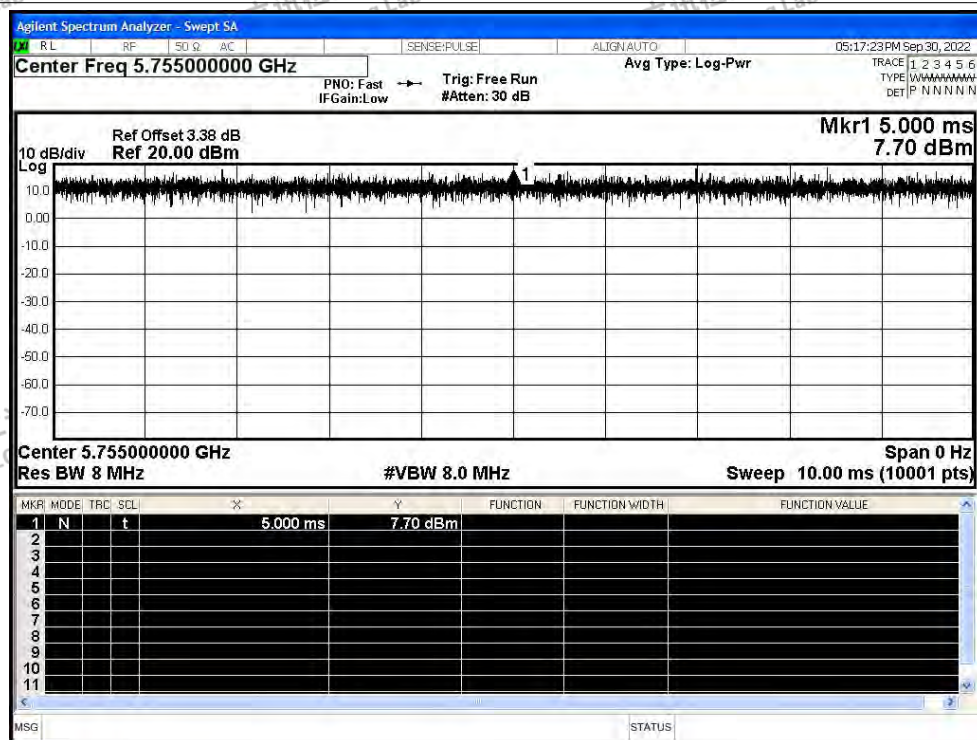


## Duty Cycle NVNT n20 5825MHz Ant1

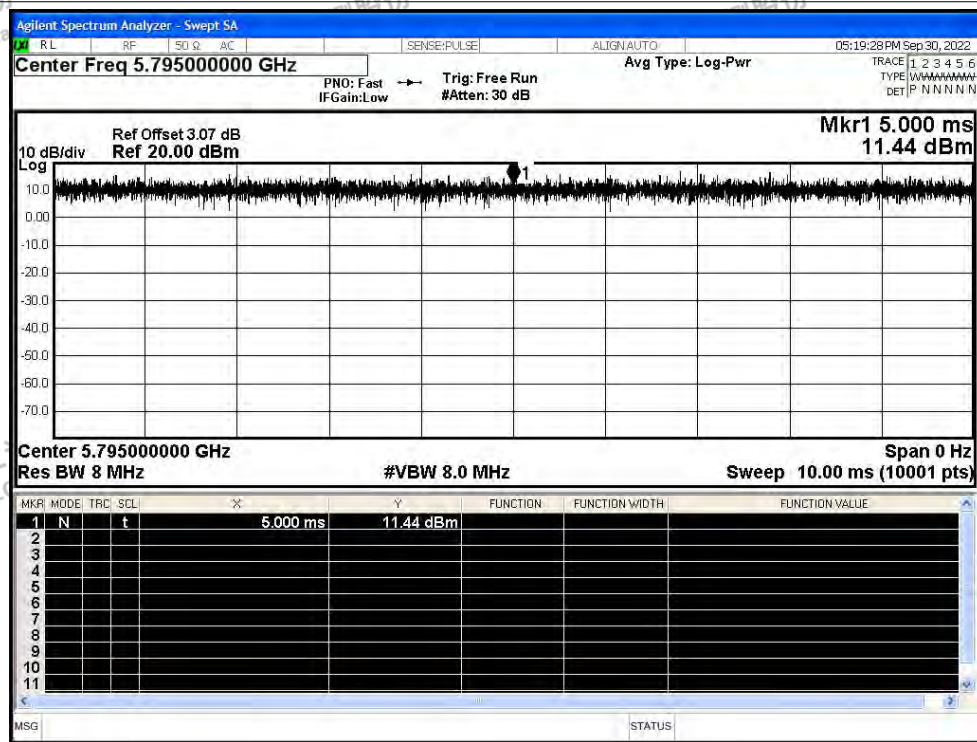




## Duty Cycle NVNT n40 5755MHz Ant1

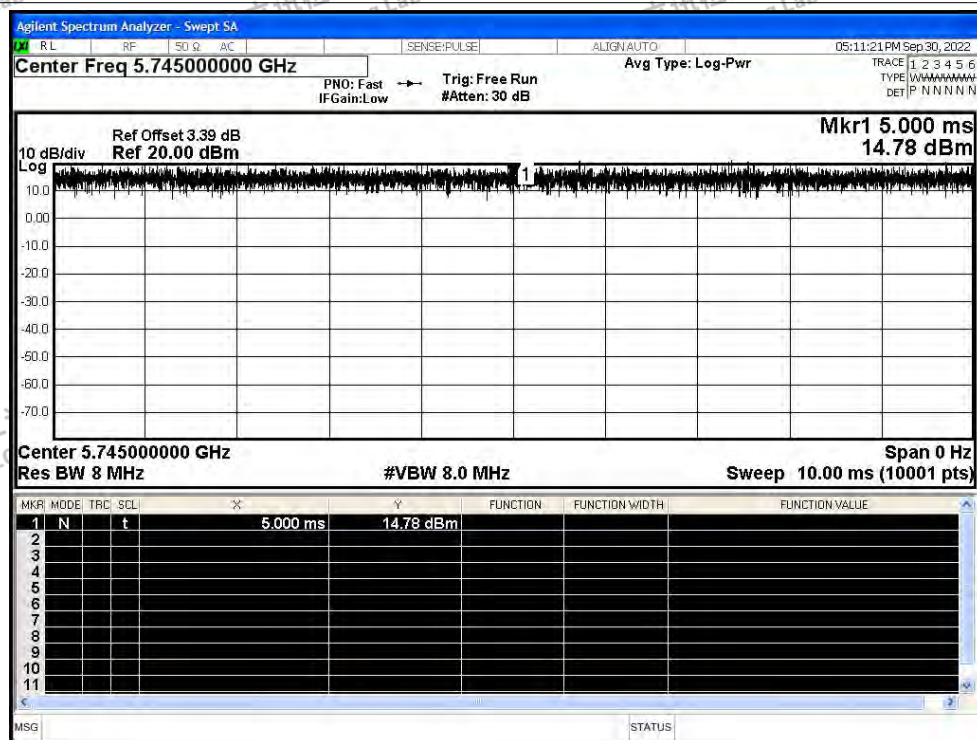


## Duty Cycle NVNT n40 5795MHz Ant1

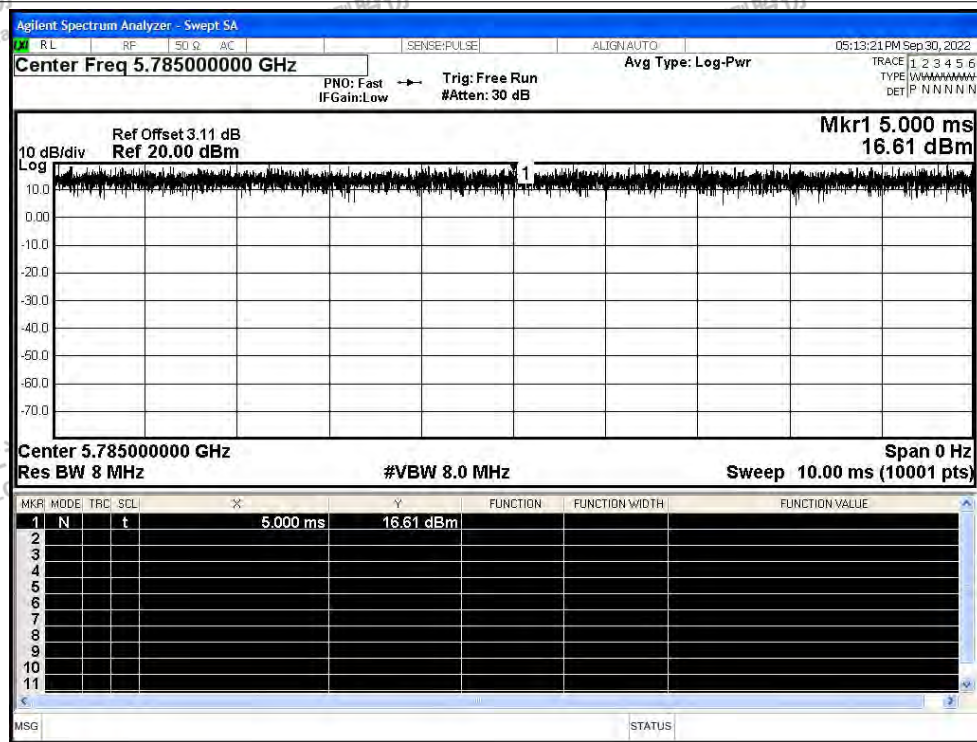




## Duty Cycle NVNT ac20 5745MHz Ant1

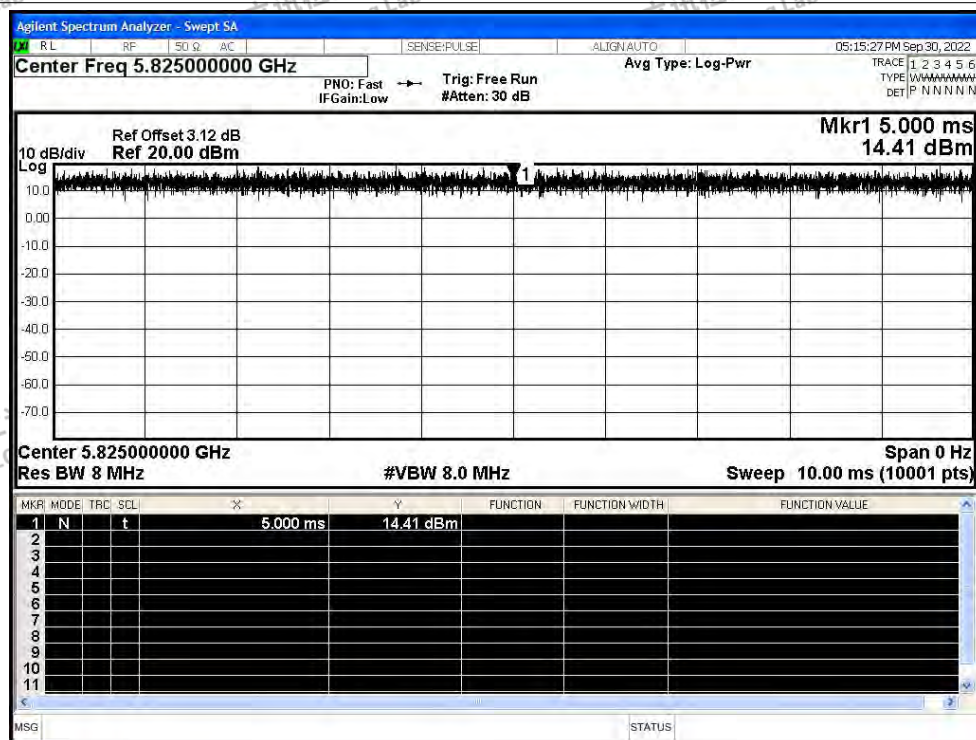


## Duty Cycle NVNT ac20 5785MHz Ant1

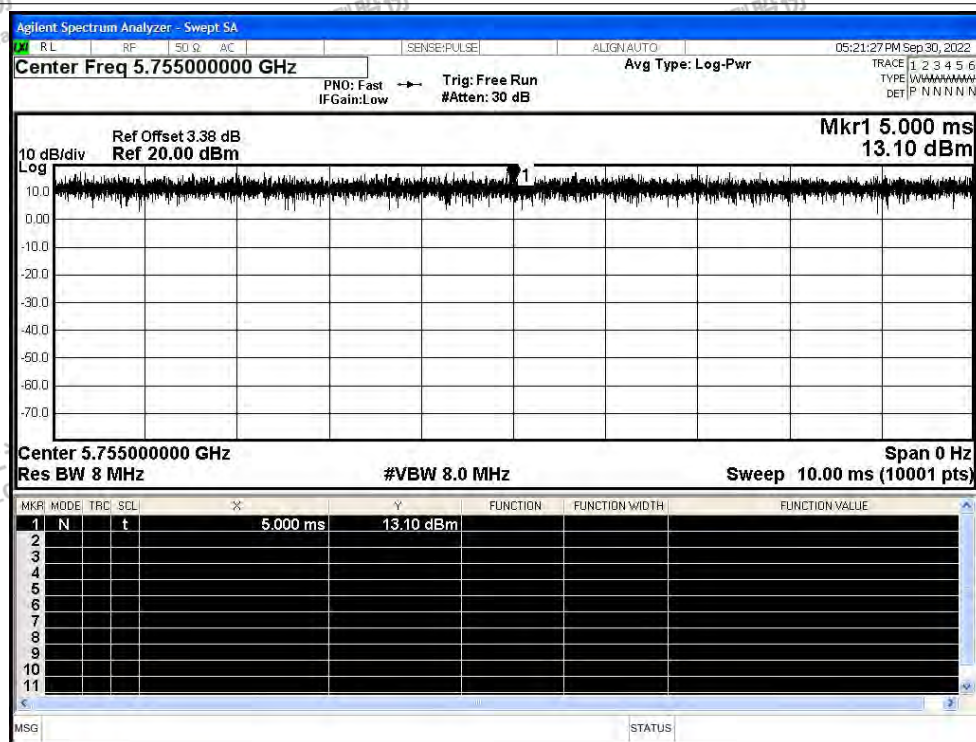




## Duty Cycle NVNT ac20 5825MHz Ant1

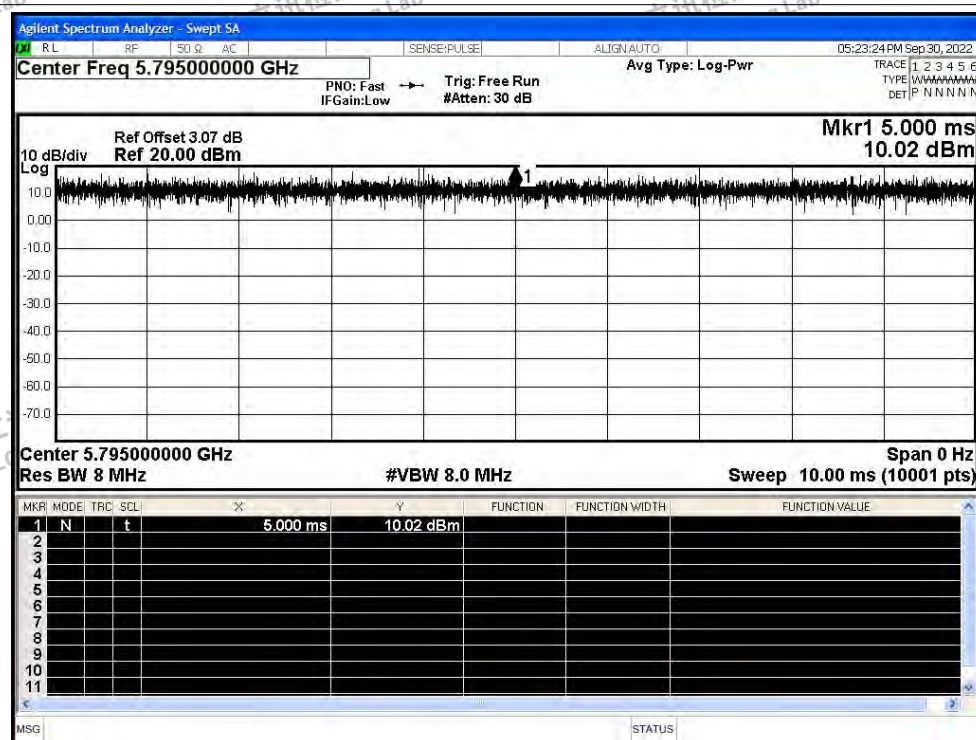


## Duty Cycle NVNT ac40 5755MHz Ant1





## Duty Cycle NVNT ac40 5795MHz Ant1



## Duty Cycle NVNT ac80 5775MHz Ant1

