



## Appendix E

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

Product Name: FIREFLY CAMERAS

Test Model: FIREFLY Q8

#### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 24.3°C     |
| Relative Humidity: | 53.4%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |





## E.1 -6dB Bandwidth

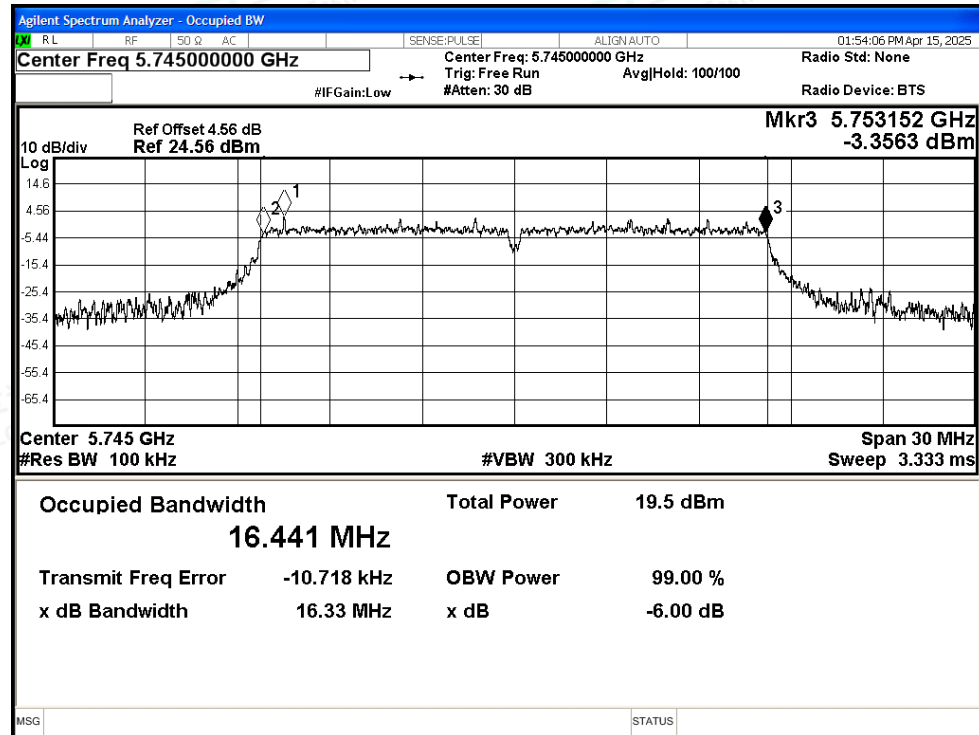
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant     | 16.326                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant     | 16.351                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant     | 16.337                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant     | 17.248                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant     | 17.447                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant     | 17.544                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant     | 36.416                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant     | 36.178                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant     | 17.543                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant     | 17.391                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant     | 17.426                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant     | 36.417                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant     | 36.057                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant     | 75.611                | $\geq 0.5$                  | Pass    |



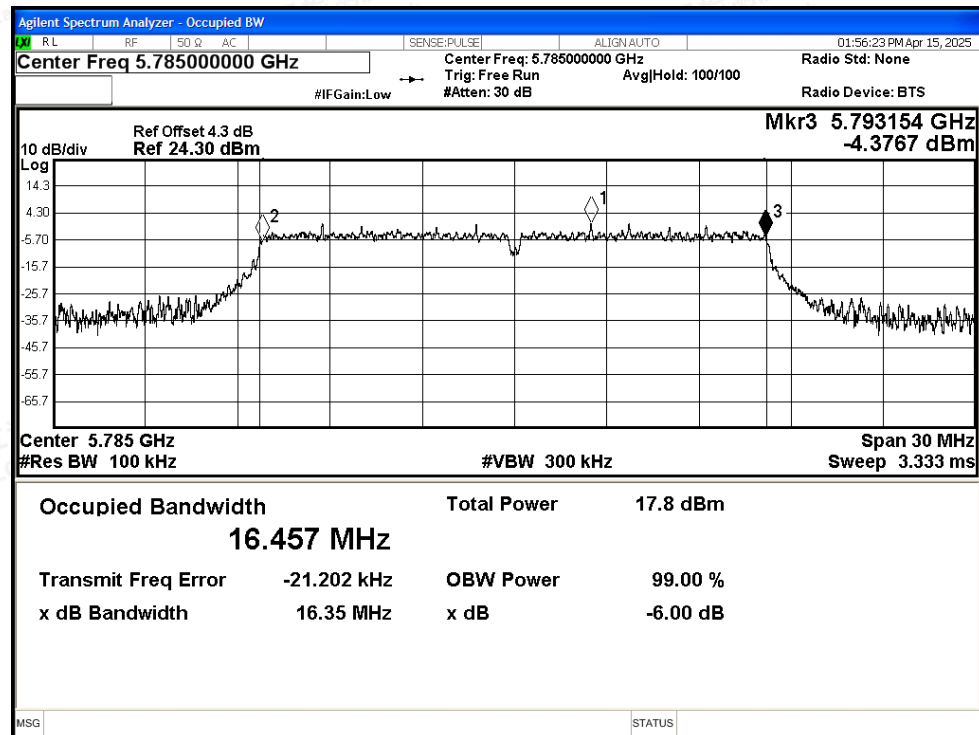


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant



-6dB Bandwidth NVNT a 5785MHz Ant



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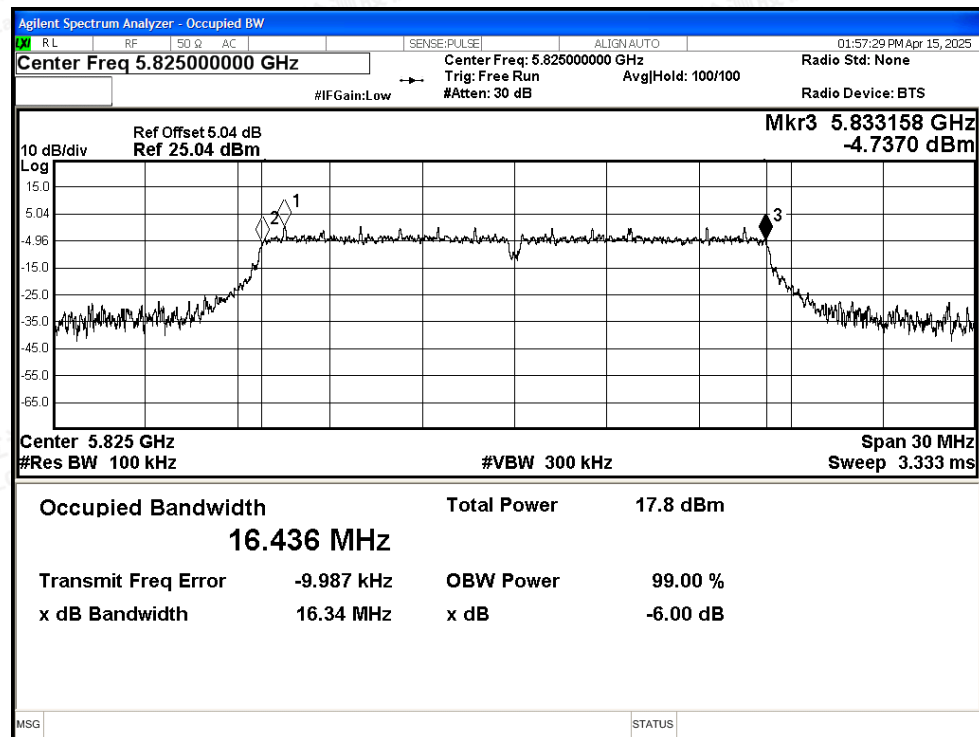
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

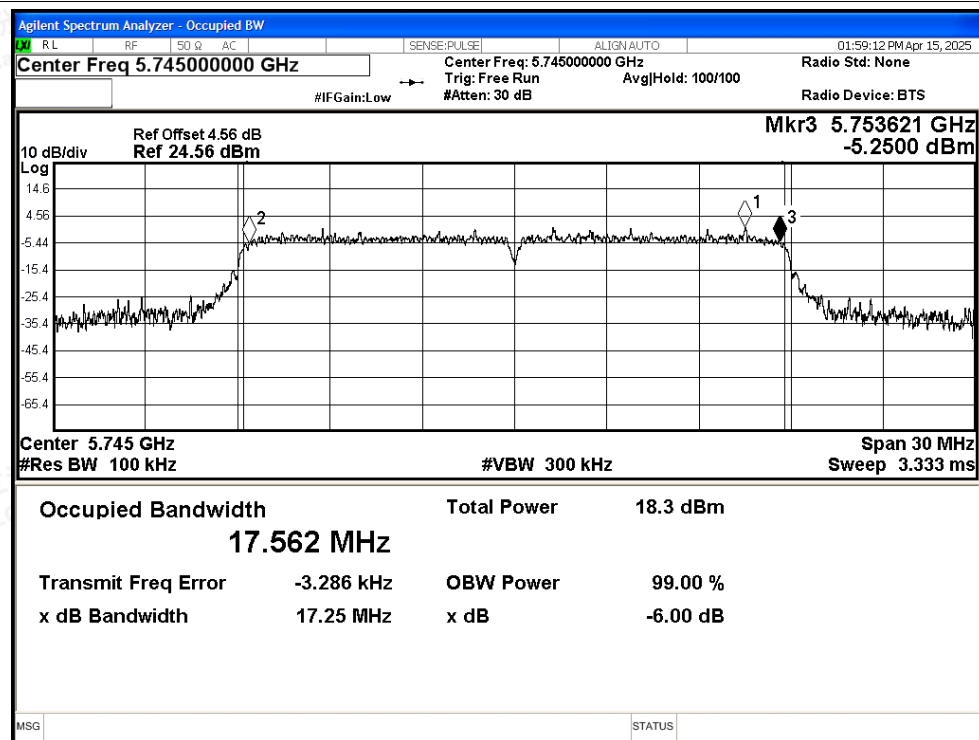
Scan code to check authenticity



## -6dB Bandwidth NVNT a 5825MHz Ant



## -6dB Bandwidth NVNT n20 5745MHz Ant



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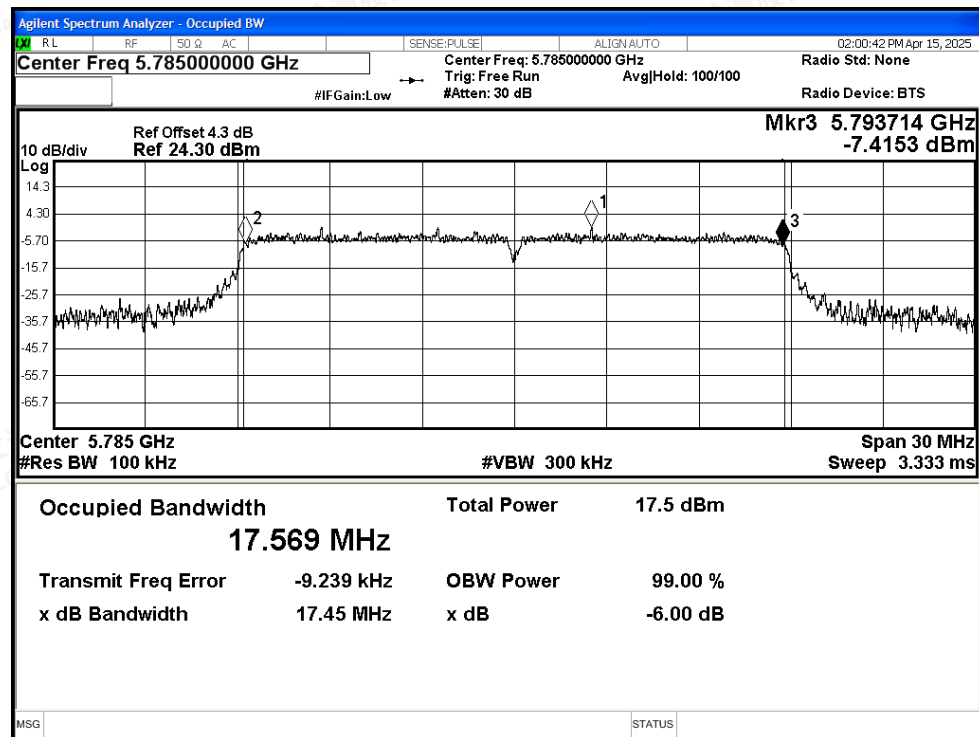
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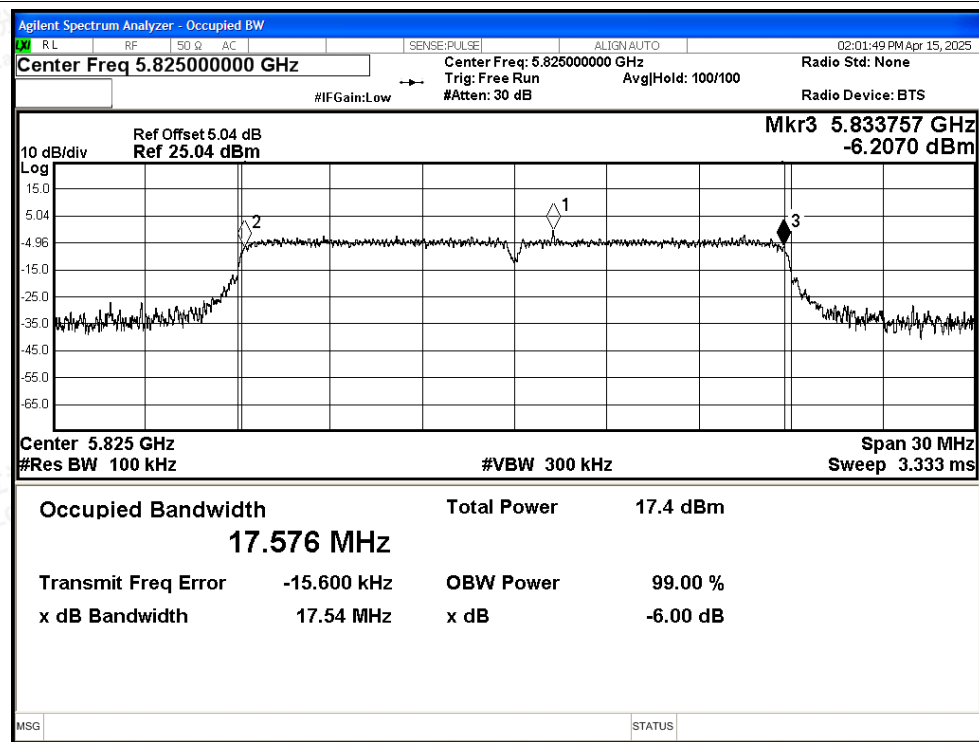
Scan code to check authenticity



## -6dB Bandwidth NVNT n20 5785MHz Ant



## -6dB Bandwidth NVNT n20 5825MHz Ant



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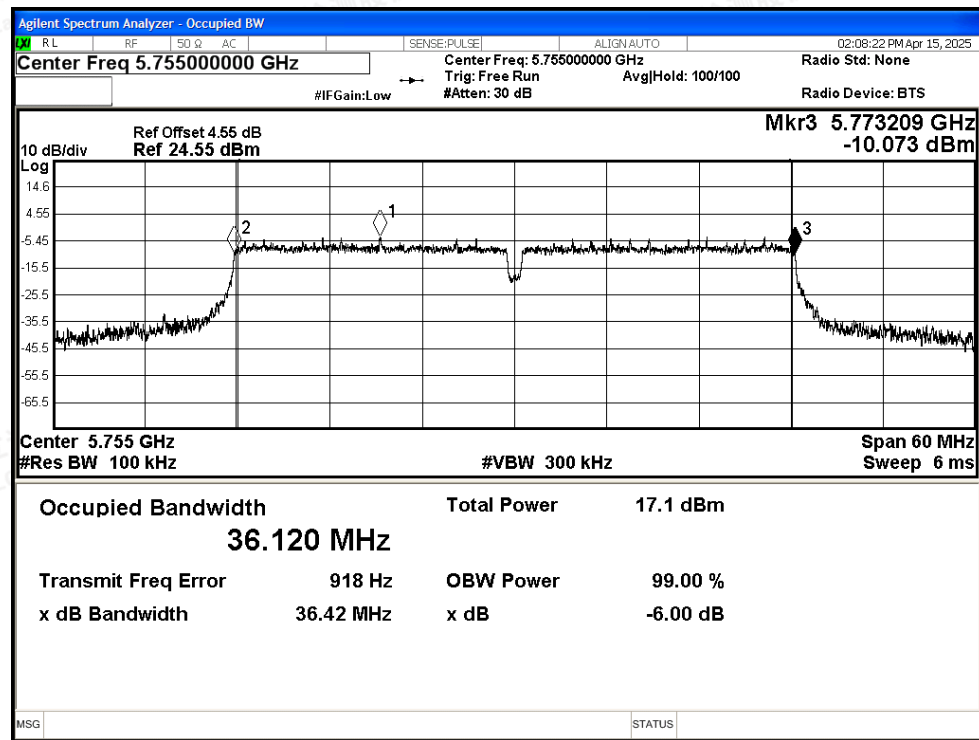
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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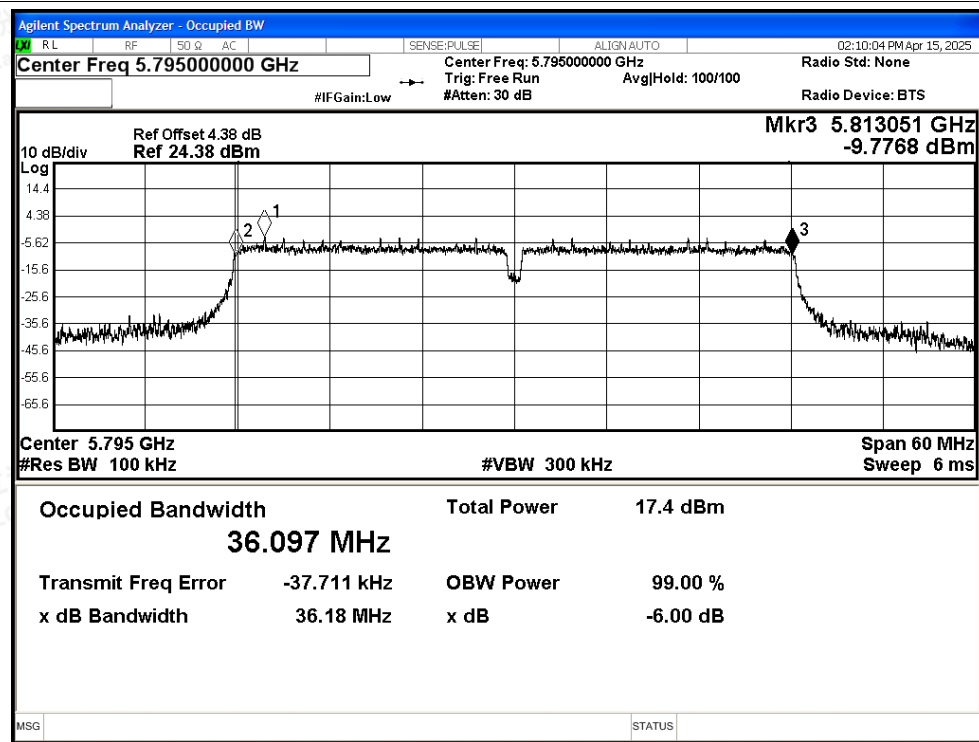
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## -6dB Bandwidth NVNT n40 5755MHz Ant



## -6dB Bandwidth NVNT n40 5795MHz Ant



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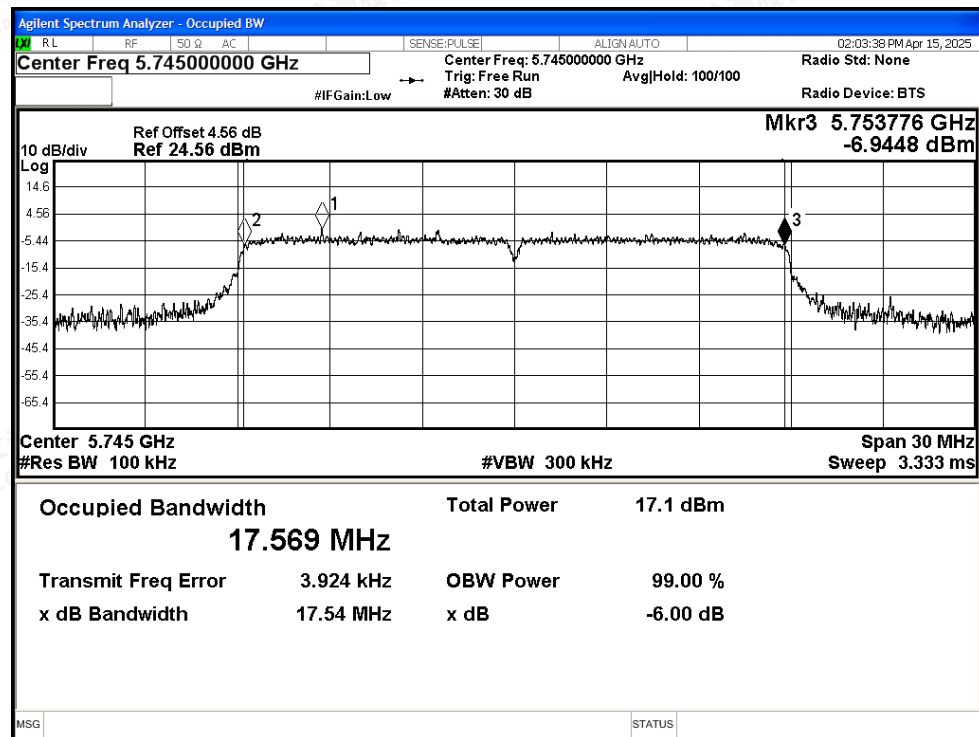
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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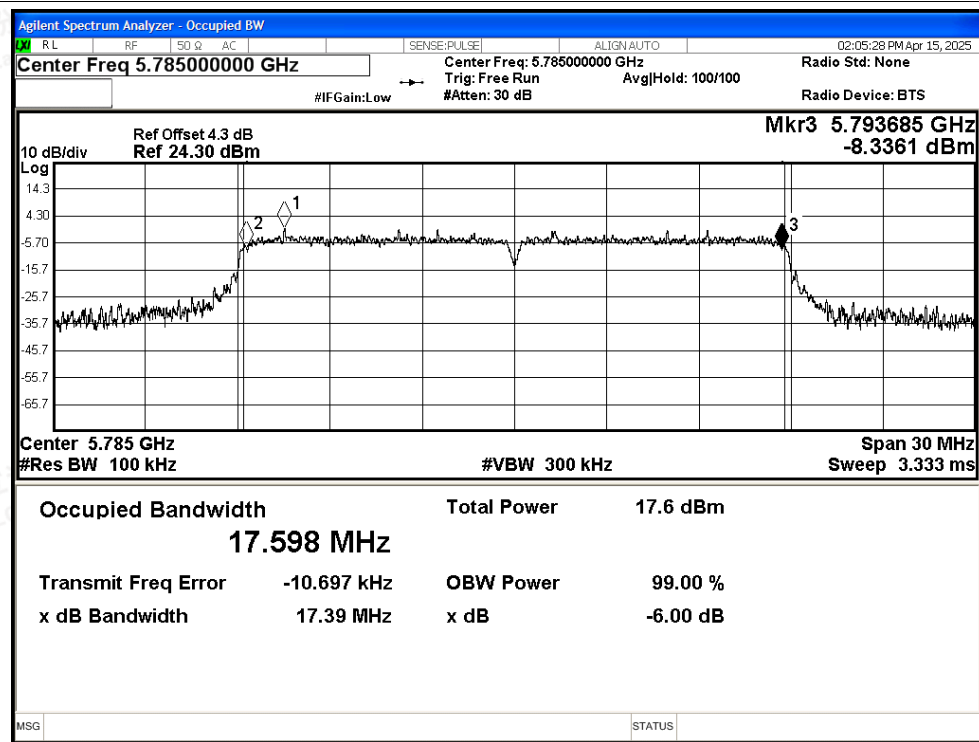
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## -6dB Bandwidth NVNT ac20 5745MHz Ant



## -6dB Bandwidth NVNT ac20 5785MHz Ant



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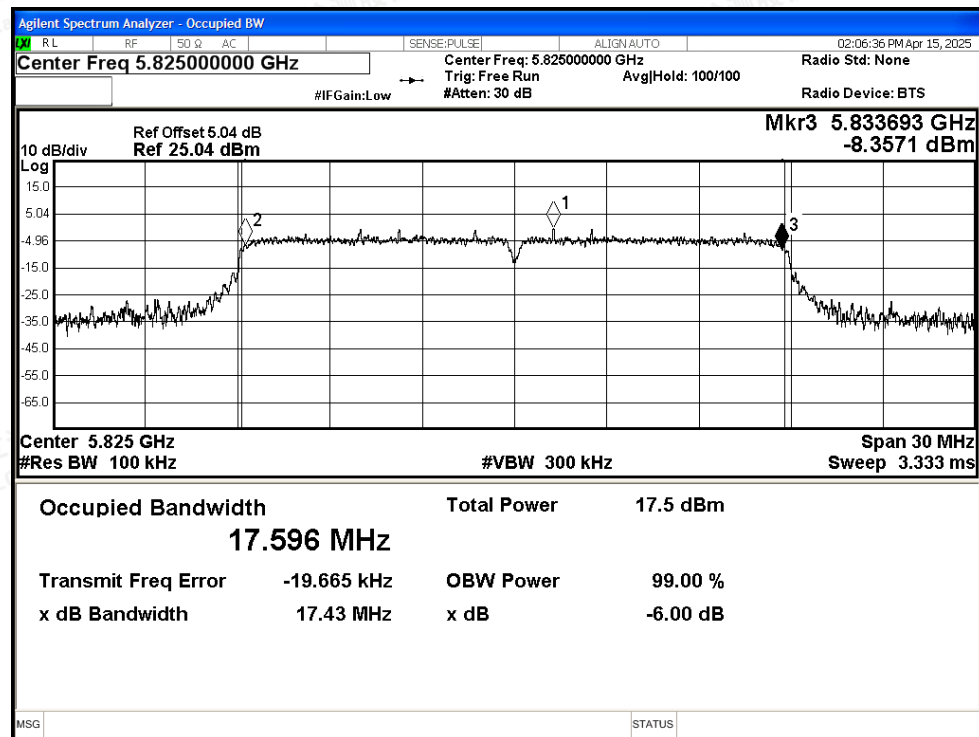
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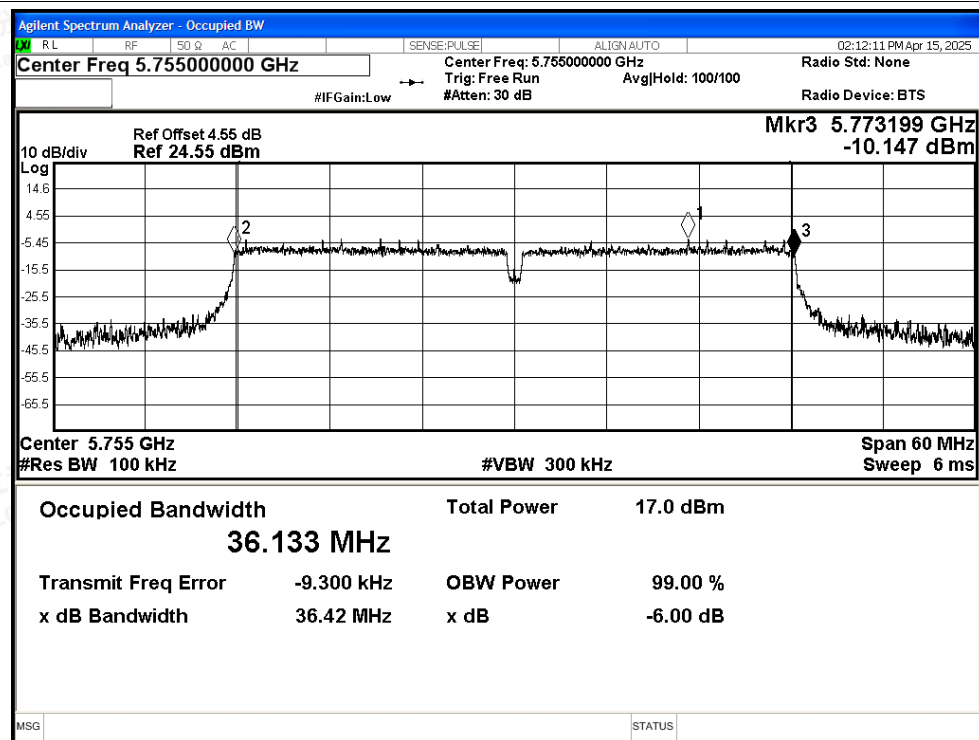
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## -6dB Bandwidth NVNT ac20 5825MHz Ant



## -6dB Bandwidth NVNT ac40 5755MHz Ant



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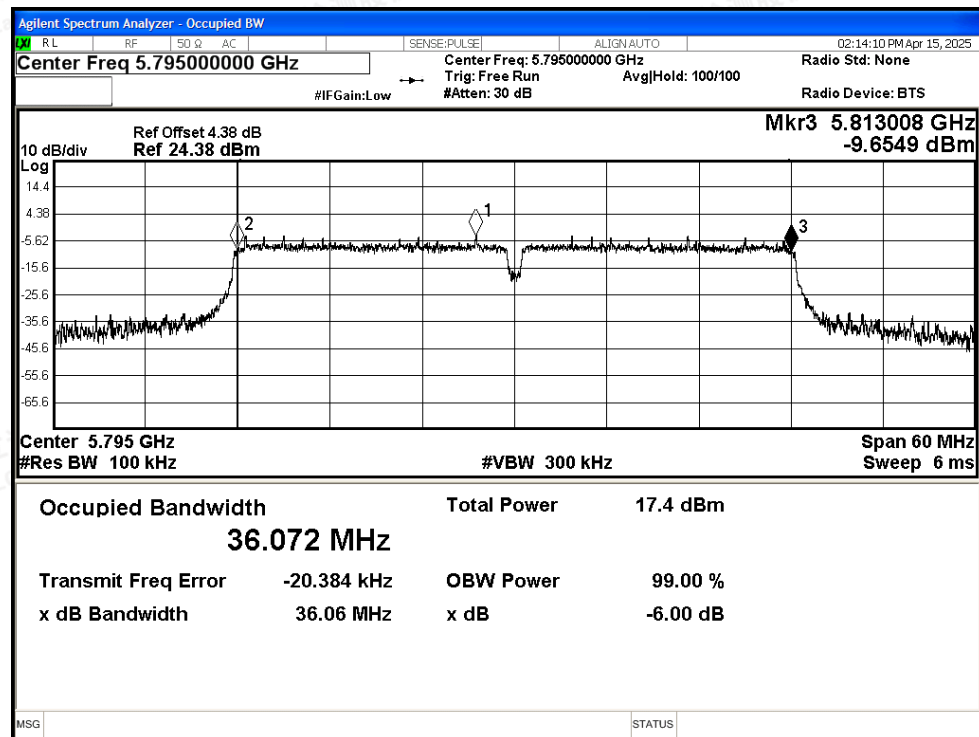
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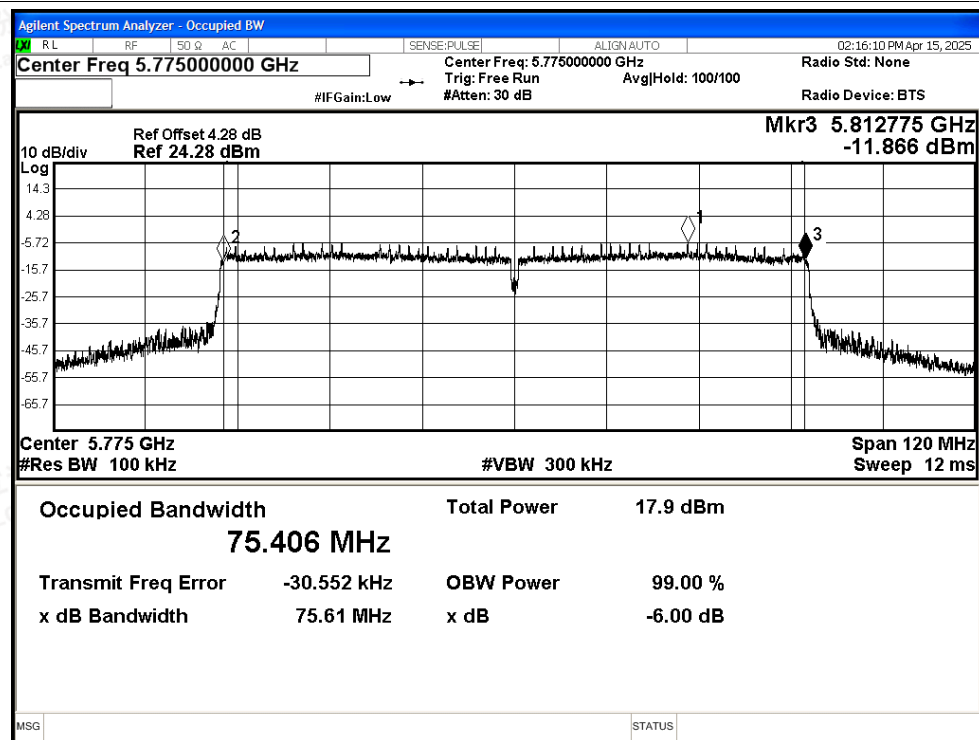




## -6dB Bandwidth NVNT ac40 5795MHz Ant



## -6dB Bandwidth NVNT ac80 5775MHz Ant



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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            | Ant     | 12.63                 | 0.24             | 12.87             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant     | 11.9                  | 0.24             | 12.14             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant     | 11.77                 | 0.24             | 12.01             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant     | 12                    | 0.12             | 12.12             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant     | 11.33                 | 0.12             | 11.45             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 11.28                 | 0.12             | 11.4              | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant     | 10.52                 | 0.24             | 10.76             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant     | 10.79                 | 0.24             | 11.03             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant     | 10.94                 | 0.12             | 11.06             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant     | 11.38                 | 0.12             | 11.5              | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant     | 11.27                 | 0.12             | 11.39             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant     | 10.49                 | 0.24             | 10.73             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant     | 10.75                 | 0.24             | 10.99             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant     | 10.59                 | 0.47             | 11.06             | 30          | Pass    |





### E.3 Maximum Power Spectral Density Level

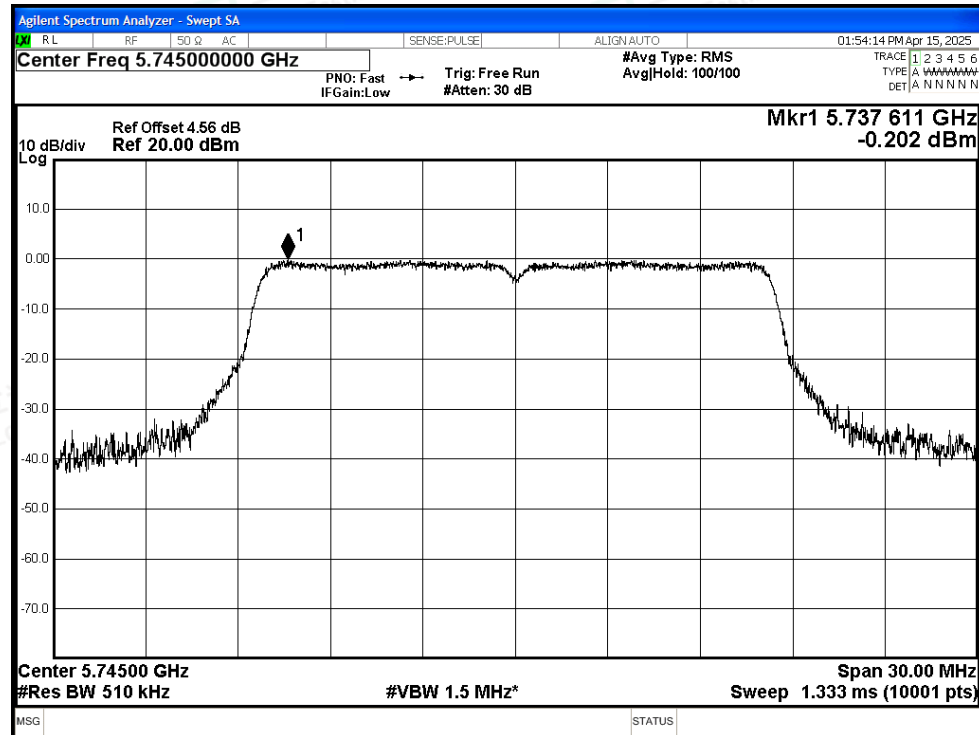
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant     | -0.2                       | 0.24             | 0.04                   | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant     | -1.92                      | 0.24             | -1.68                  | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant     | -1.4                       | 0.24             | -1.16                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant     | -1.83                      | 0.12             | -1.71                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant     | -2.48                      | 0.12             | -2.36                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant     | -2.56                      | 0.12             | -2.44                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant     | -6.33                      | 0.24             | -6.09                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant     | -5.76                      | 0.24             | -5.52                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant     | -2.95                      | 0.12             | -2.83                  | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant     | -2.46                      | 0.12             | -2.34                  | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant     | -2.38                      | 0.12             | -2.26                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant     | -6.36                      | 0.24             | -6.12                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant     | -6.3                       | 0.24             | -6.06                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant     | -8.91                      | 0.47             | -8.44                  | 30                 | Pass    |



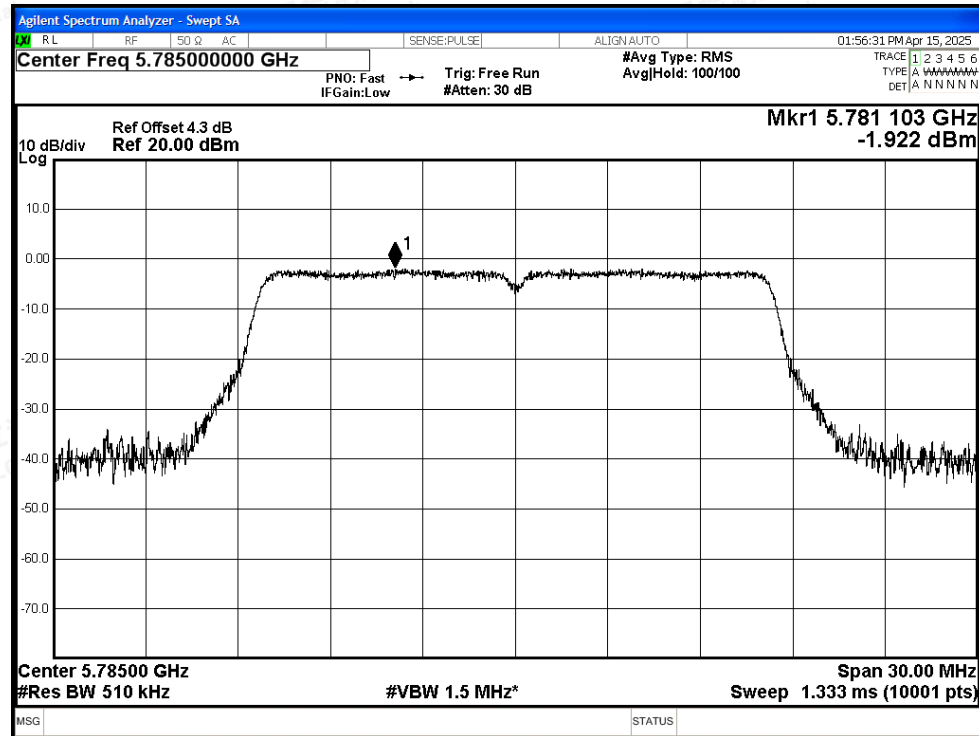


## Test Graphs

## PSD NVNT a 5745MHz Ant



## PSD NVNT a 5785MHz Ant

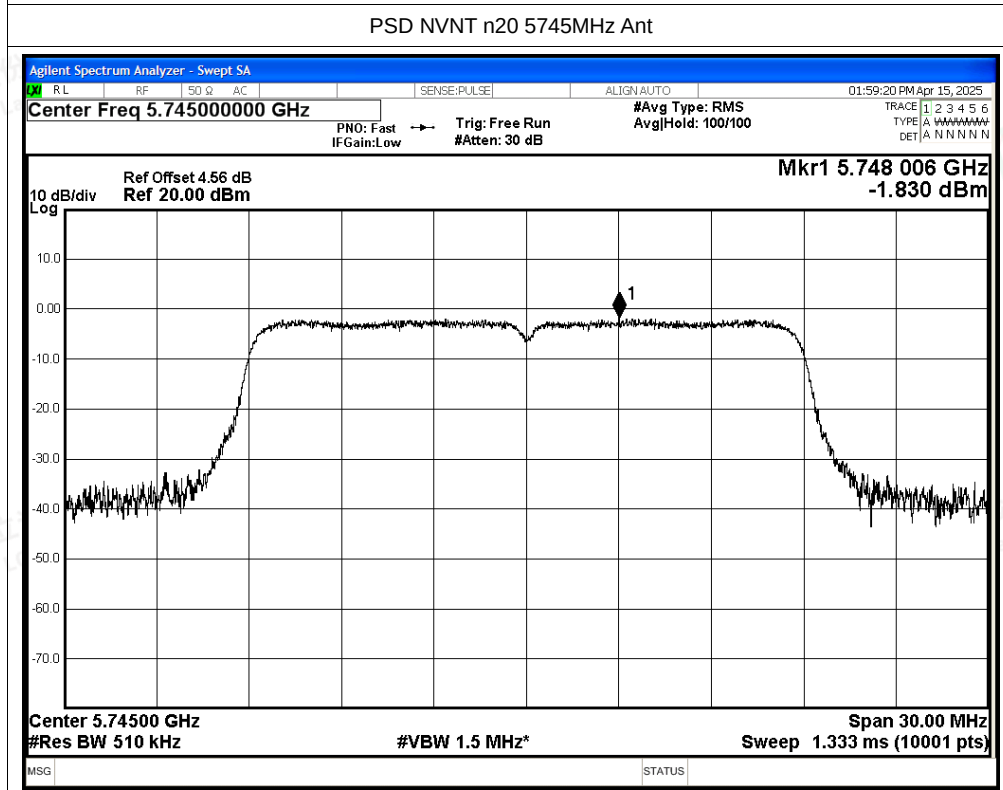
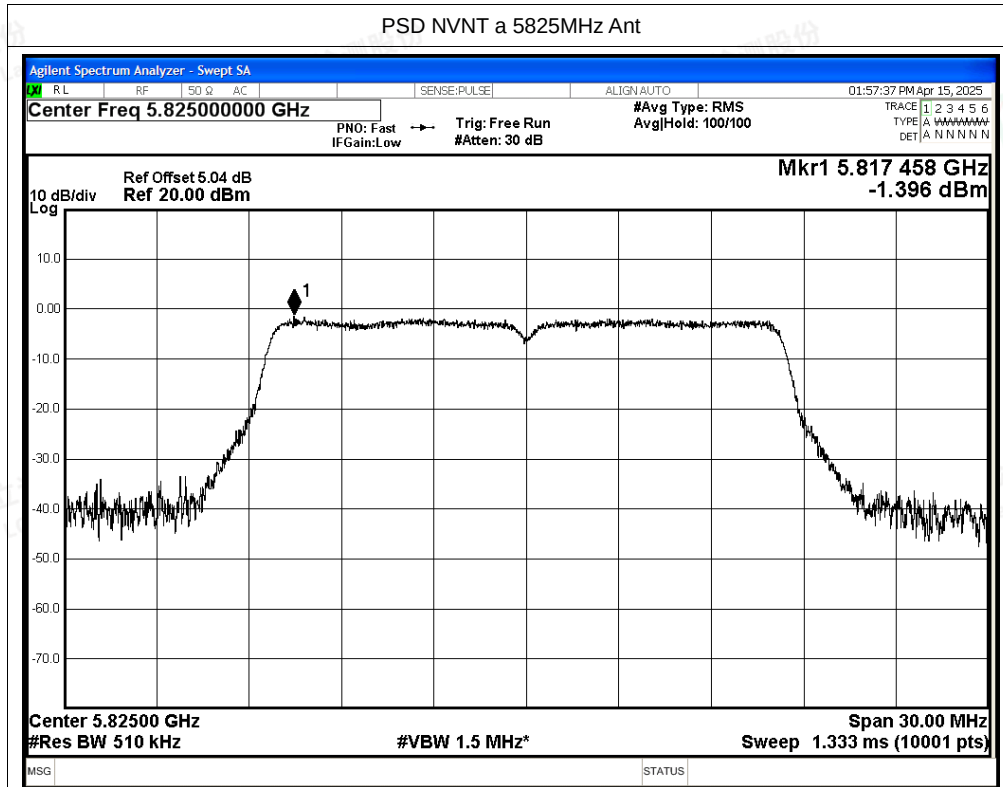


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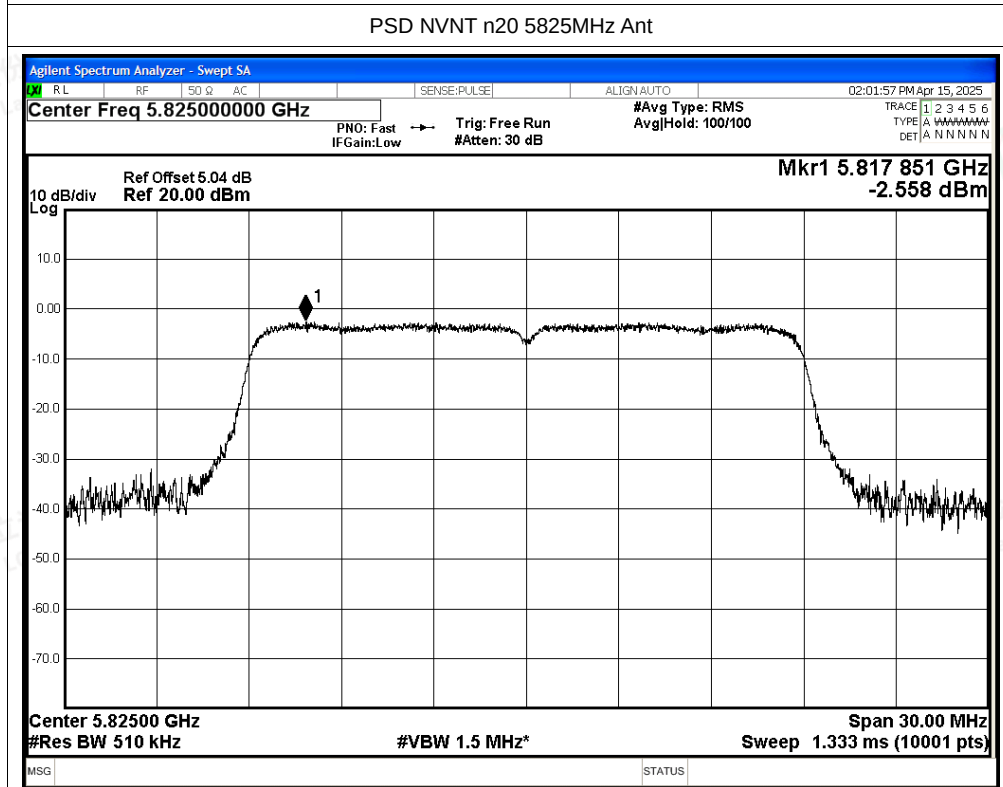
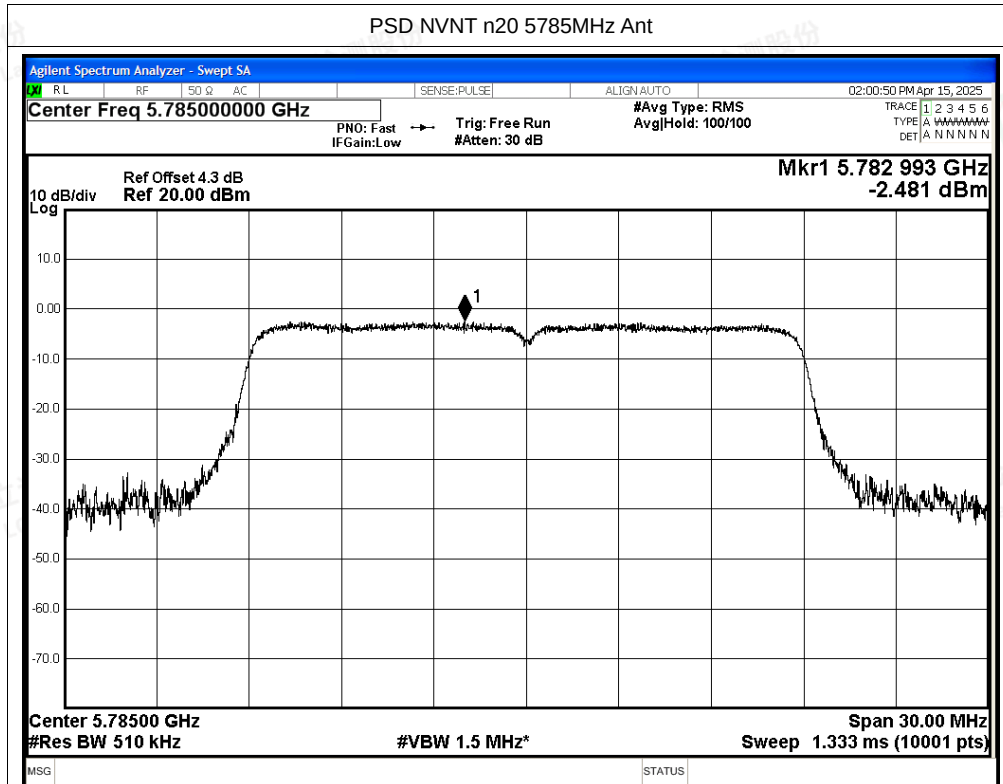


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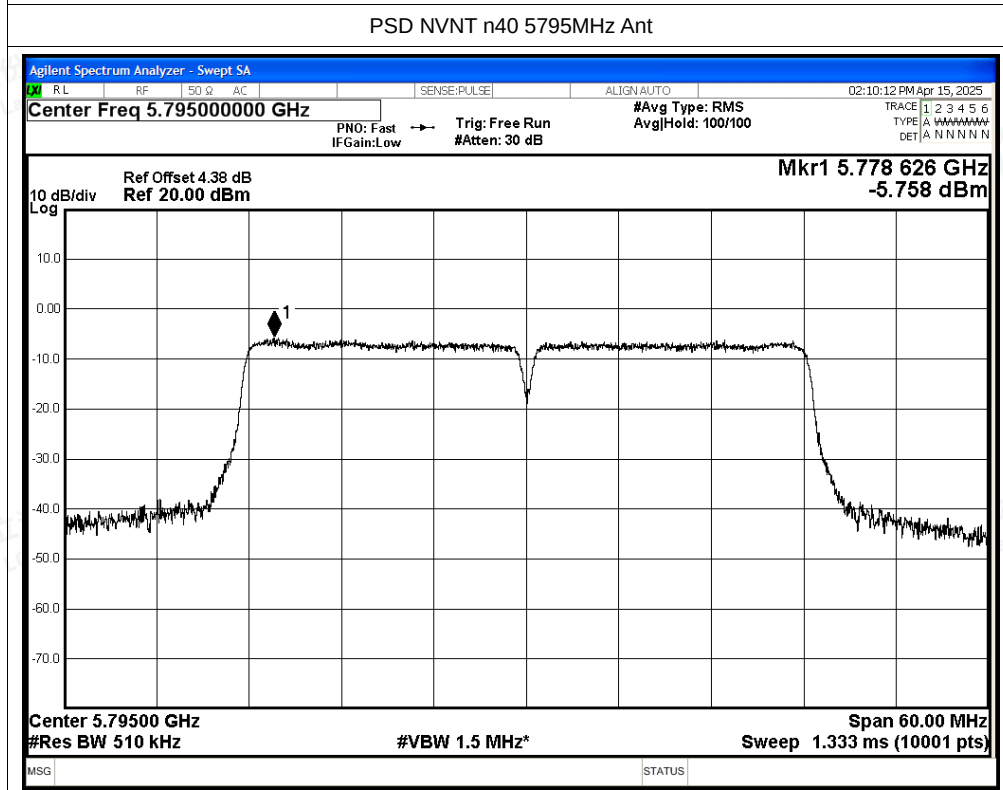
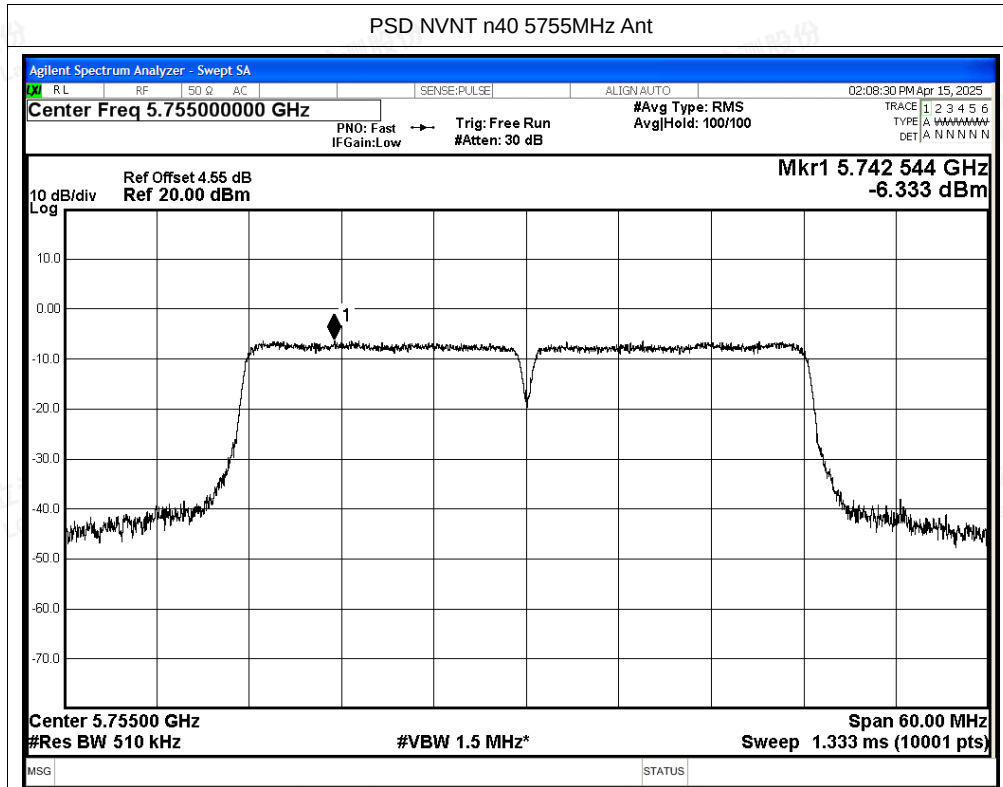


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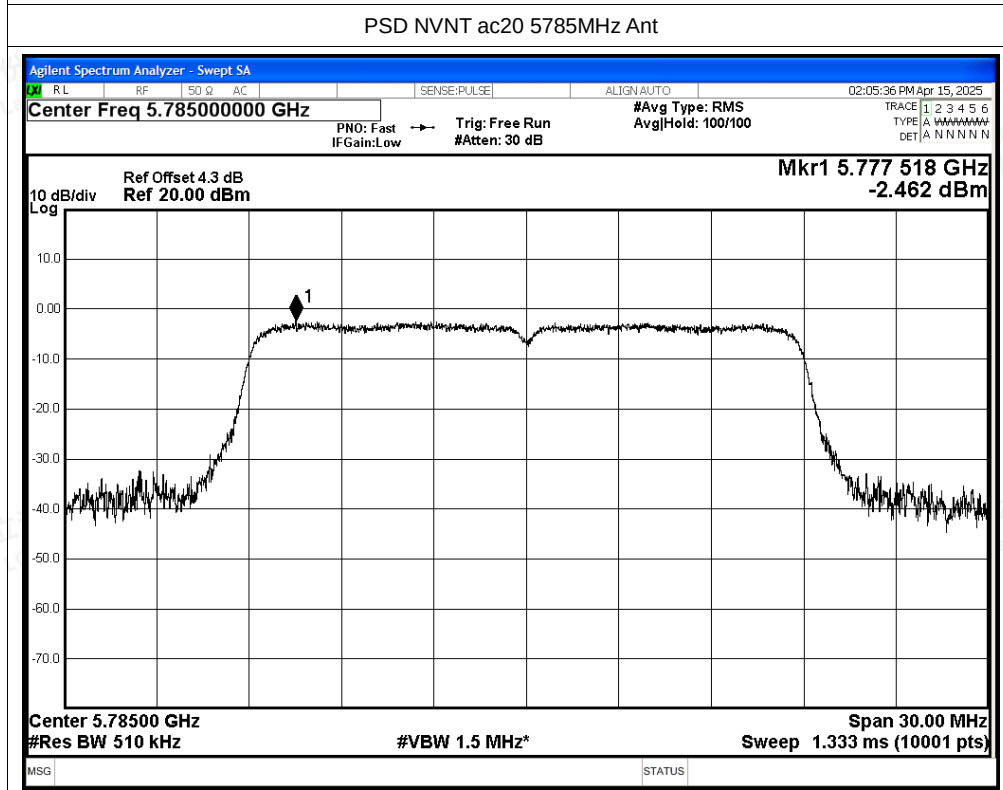
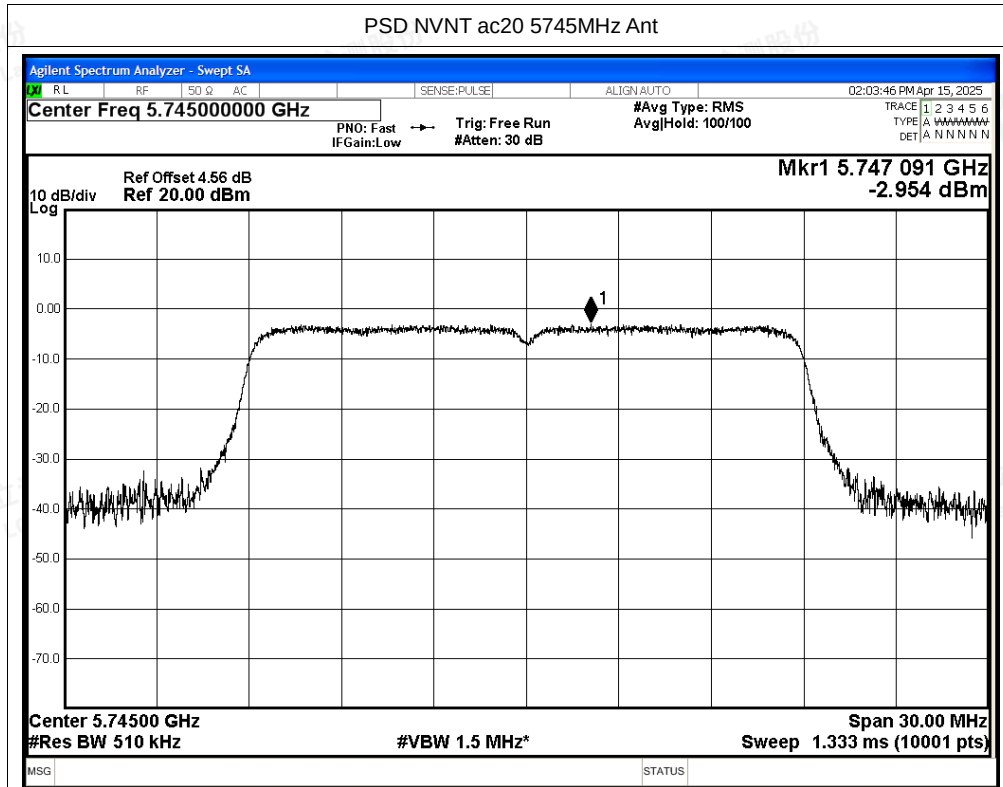


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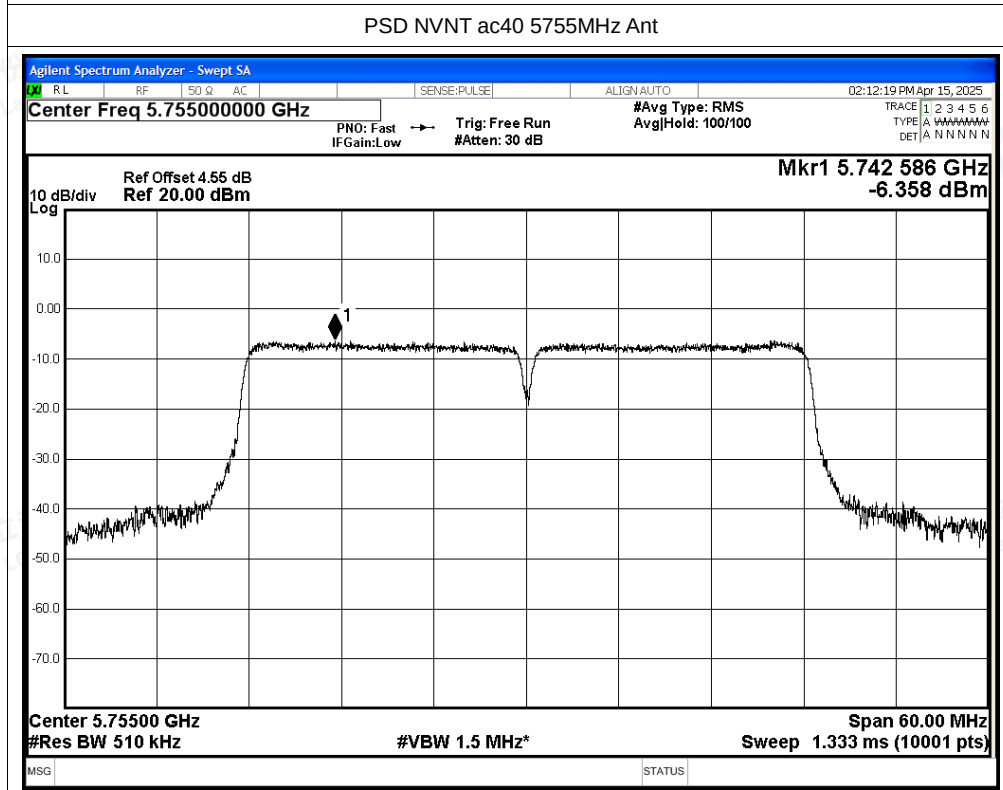
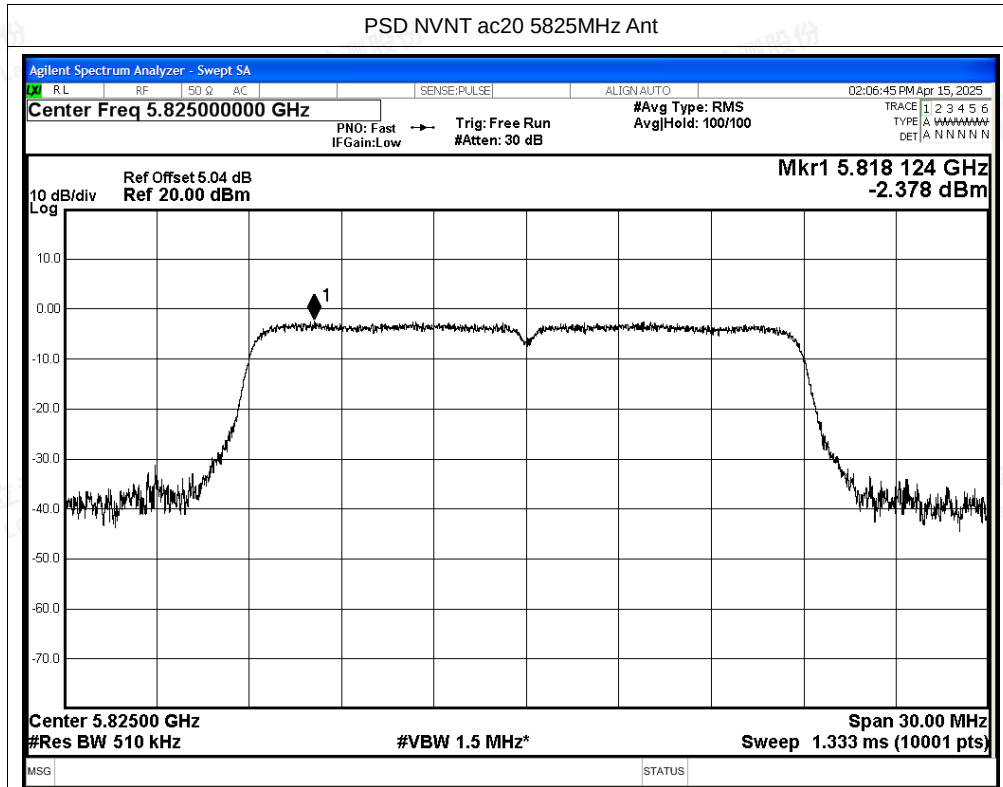
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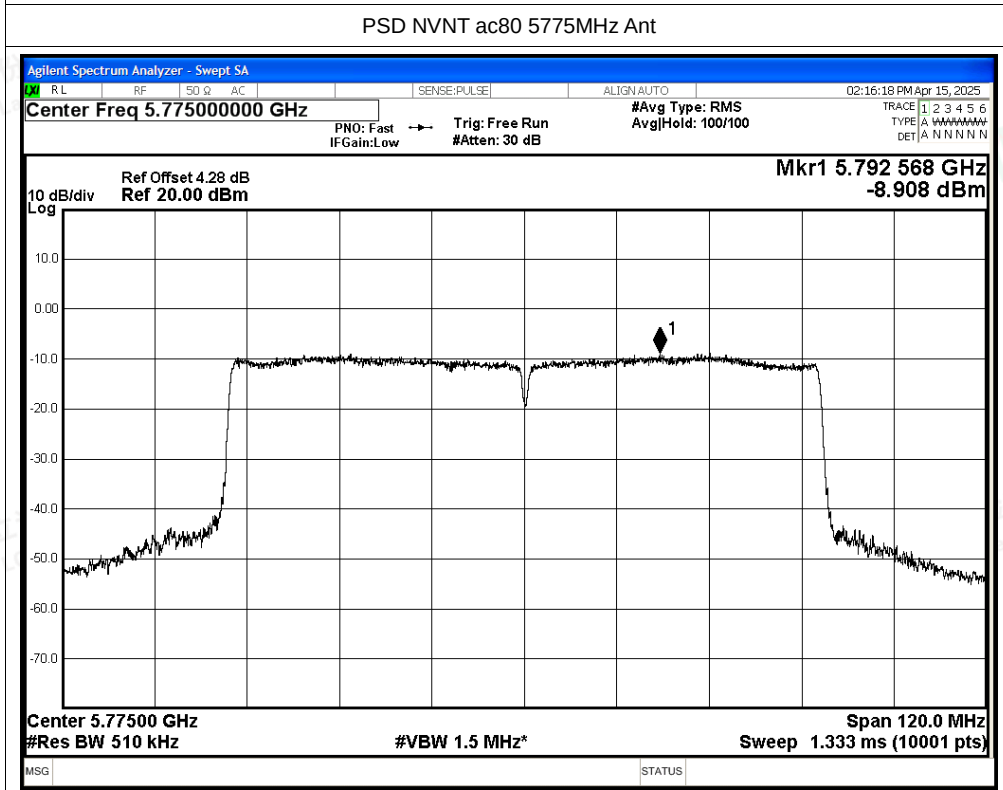
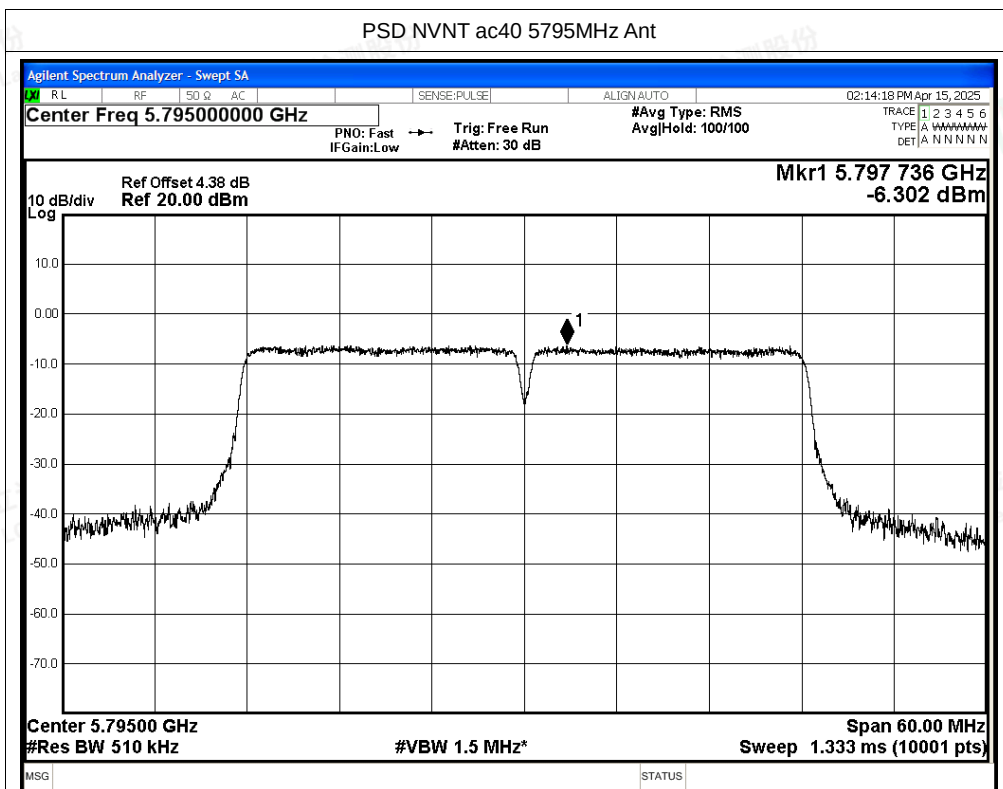


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## E.4 Restrict Band

| 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            | Ant     | 5650            | -48.53      | 3.67       | -                | -44.86           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant     | 5650            | -55.93      | 3.67       | 0.24             | -52.02           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant     | 5700            | -45.69      | 3.67       | -                | -42.02           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant     | 5700            | -54.15      | 3.67       | 0.24             | -50.24           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant     | 5720            | -33.1       | 3.67       | -                | -29.43           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant     | 5720            | -46.51      | 3.67       | 0.24             | -42.60           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant     | 5725            | -24.32      | 3.67       | -                | -20.65           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant     | 5725            | -40.95      | 3.67       | 0.24             | -37.04           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5850            | -31         | 3.67       | -                | -27.33           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5850            | -47.94      | 3.67       | 0.24             | -44.03           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5855            | -36.88      | 3.67       | -                | -33.21           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant     | 5855            | -50.76      | 3.67       | 0.24             | -46.85           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant     | 5875            | -47.1       | 3.67       | -                | -43.43           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5875            | -54.32      | 3.67       | 0.24             | -50.41           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5925            | -47.61      | 3.67       | -                | -43.94           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant     | 5925            | -54.98      | 3.67       | 0.24             | -51.07           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5650            | -47.79      | 3.67       | -                | -44.12           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5650            | -55.89      | 3.67       | 0.12             | -52.10           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5700            | -45.26      | 3.67       | -                | -41.59           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5700            | -54.54      | 3.67       | 0.12             | -50.75           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5720            | -31.37      | 3.67       | -                | -27.70           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5720            | -45.72      | 3.67       | 0.12             | -41.93           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5725            | -17.45      | 3.67       | -                | -13.78           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5725            | -41.4       | 3.67       | 0.12             | -37.61           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5850            | -31.59      | 3.67       | -                | -27.92           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5850            | -46.82      | 3.67       | 0.12             | -43.03           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5855            | -35.15      | 3.67       | -                | -31.48           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5855            | -48.59      | 3.67       | 0.12             | -44.80           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5875            | -46.17      | 3.67       | -                | -42.50           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5875            | -54.45      | 3.67       | 0.12             | -50.66           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5925            | -46.62      | 3.67       | -                | -42.95           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5925            | -54.18      | 3.67       | 0.12             | -50.39           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5650            | -47.84      | 3.67       | -                | -44.17           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5650            | -55.47      | 3.67       | 0.24             | -51.56           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5700            | -45.89      | 3.67       | -                | -42.22           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5700            | -54.5       | 3.67       | 0.24             | -50.59           | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5720            | -32.76      | 3.67       | -                | -29.09           | Peak     | 15.6        | Pass    |



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|      |      |      |     |      |        |      |      |        |         |      |      |
|------|------|------|-----|------|--------|------|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant | 5720 | -46.8  | 3.67 | 0.24 | -42.89 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant | 5725 | -27.01 | 3.67 | -    | -23.34 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant | 5725 | -43.75 | 3.67 | 0.24 | -39.84 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant | 5850 | -47.32 | 3.67 | -    | -43.65 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant | 5850 | -54.72 | 3.67 | 0.24 | -50.81 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant | 5855 | -45.99 | 3.67 | -    | -42.32 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant | 5855 | -55.34 | 3.67 | 0.24 | -51.43 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant | 5875 | -47.2  | 3.67 | -    | -43.53 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant | 5875 | -56.67 | 3.67 | 0.24 | -52.76 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant | 5925 | -47.25 | 3.67 | -    | -43.58 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant | 5925 | -55.93 | 3.67 | 0.24 | -52.02 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant | 5650 | -48.77 | 3.67 | -    | -45.10 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant | 5650 | -55.99 | 3.67 | 0.12 | -52.20 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant | 5700 | -46.88 | 3.67 | -    | -43.21 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant | 5700 | -54.05 | 3.67 | 0.12 | -50.26 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant | 5720 | -31.11 | 3.67 | -    | -27.44 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant | 5720 | -46.02 | 3.67 | 0.12 | -42.23 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant | 5725 | -26.56 | 3.67 | -    | -22.89 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant | 5725 | -40.75 | 3.67 | 0.12 | -36.96 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant | 5850 | -30.97 | 3.67 | -    | -27.30 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant | 5850 | -45.88 | 3.67 | 0.12 | -42.09 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant | 5855 | -33.95 | 3.67 | -    | -30.28 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant | 5855 | -50.37 | 3.67 | 0.12 | -46.58 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant | 5875 | -45.71 | 3.67 | -    | -42.04 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant | 5875 | -54.34 | 3.67 | 0.12 | -50.55 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant | 5925 | -45.74 | 3.67 | -    | -42.07 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant | 5925 | -55.08 | 3.67 | 0.12 | -51.29 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant | 5650 | -45.48 | 3.67 | -    | -41.81 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant | 5650 | -56.53 | 3.67 | 0.24 | -52.62 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant | 5700 | -46.9  | 3.67 | -    | -43.23 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant | 5700 | -54.1  | 3.67 | 0.24 | -50.19 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant | 5720 | -31.13 | 3.67 | -    | -27.46 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant | 5720 | -46.12 | 3.67 | 0.24 | -42.21 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant | 5725 | -28.48 | 3.67 | -    | -24.81 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant | 5725 | -41.75 | 3.67 | 0.24 | -37.84 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant | 5850 | -46.42 | 3.67 | -    | -42.75 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant | 5850 | -55    | 3.67 | 0.24 | -51.09 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant | 5855 | -47.12 | 3.67 | -    | -43.45 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant | 5855 | -55.35 | 3.67 | 0.24 | -51.44 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant | 5875 | -48.77 | 3.67 | -    | -45.10 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant | 5875 | -56.28 | 3.67 | 0.24 | -52.37 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant | 5925 | -46.37 | 3.67 | -    | -42.70 | Peak    | -27  | Pass |



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|------|------|------|-----|------|--------|------|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant | 5925 | -56.12 | 3.67 | 0.24 | -52.21 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant | 5650 | -46.33 | 3.67 | -    | -42.66 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant | 5650 | -55.23 | 3.67 | 0.47 | -51.09 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant | 5700 | -43.9  | 3.67 | -    | -40.23 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant | 5700 | -51.47 | 3.67 | 0.47 | -47.33 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant | 5720 | -36.13 | 3.67 | -    | -32.46 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant | 5720 | -47.97 | 3.67 | 0.47 | -43.83 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant | 5725 | -27.45 | 3.67 | -    | -23.78 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant | 5725 | -46.49 | 3.67 | 0.47 | -42.35 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant | 5850 | -43.45 | 3.67 | -    | -39.78 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant | 5850 | -52.98 | 3.67 | 0.47 | -48.84 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant | 5855 | -45.06 | 3.67 | -    | -41.39 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant | 5855 | -52.36 | 3.67 | 0.47 | -48.22 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant | 5875 | -46.24 | 3.67 | -    | -42.57 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant | 5875 | -54.94 | 3.67 | 0.47 | -50.80 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant | 5925 | -49.13 | 3.67 | -    | -45.46 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant | 5925 | -56.52 | 3.67 | 0.47 | -52.38 | Average | -27  | Pass |



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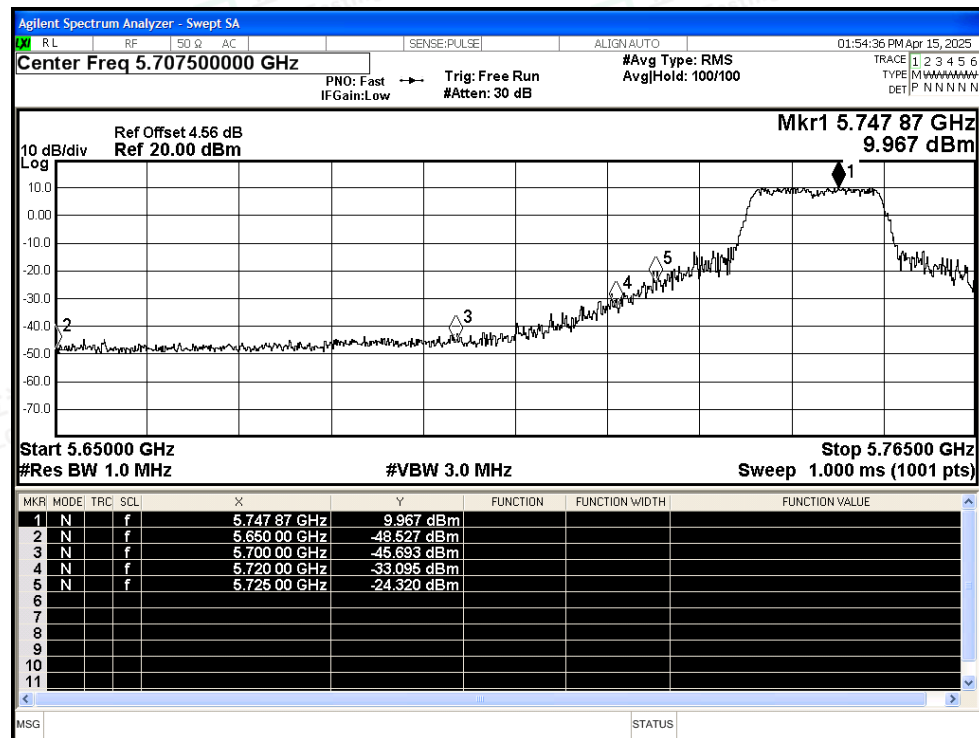
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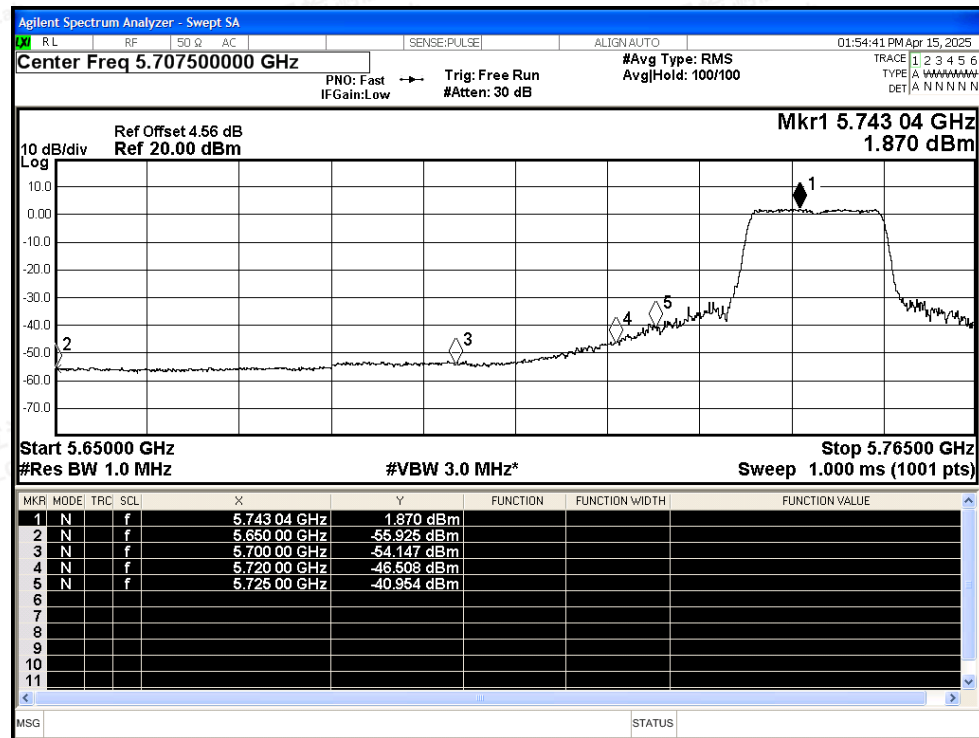


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant Peak



## Restrict Band NVNT a 5745MHz Ant Average



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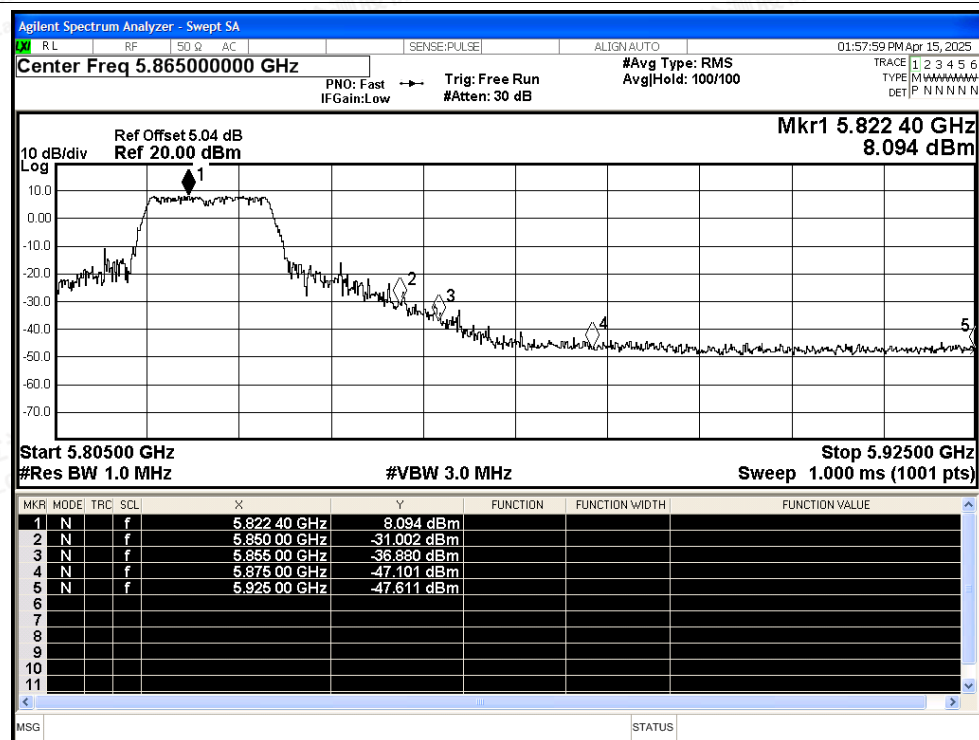
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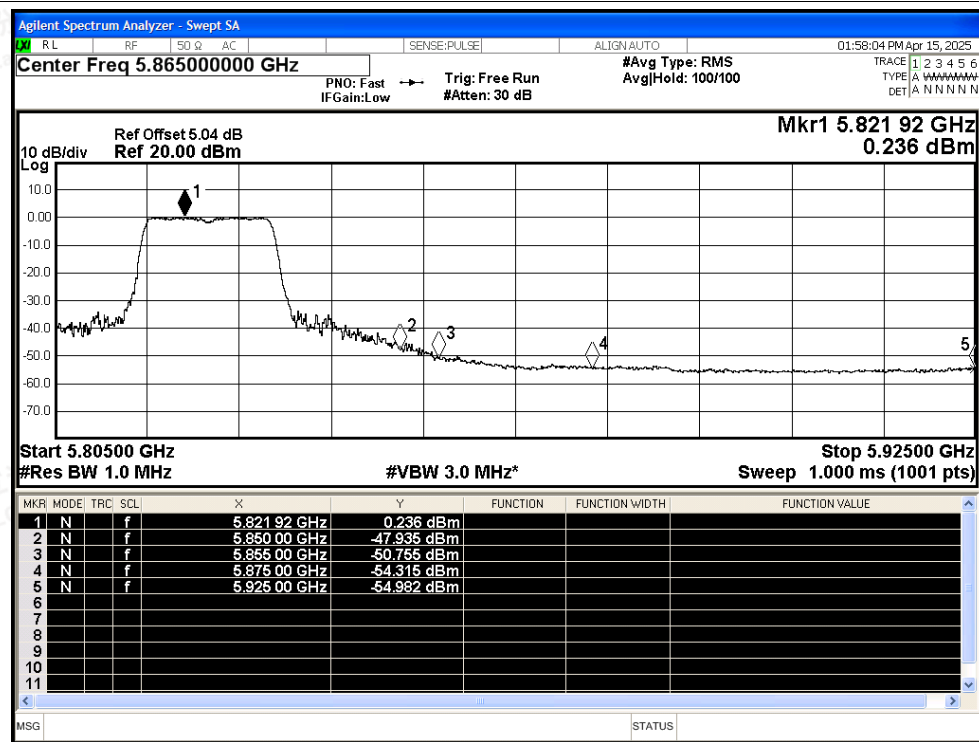




## Restrict Band NVNT a 5825MHz Ant Peak



## Restrict Band NVNT a 5825MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

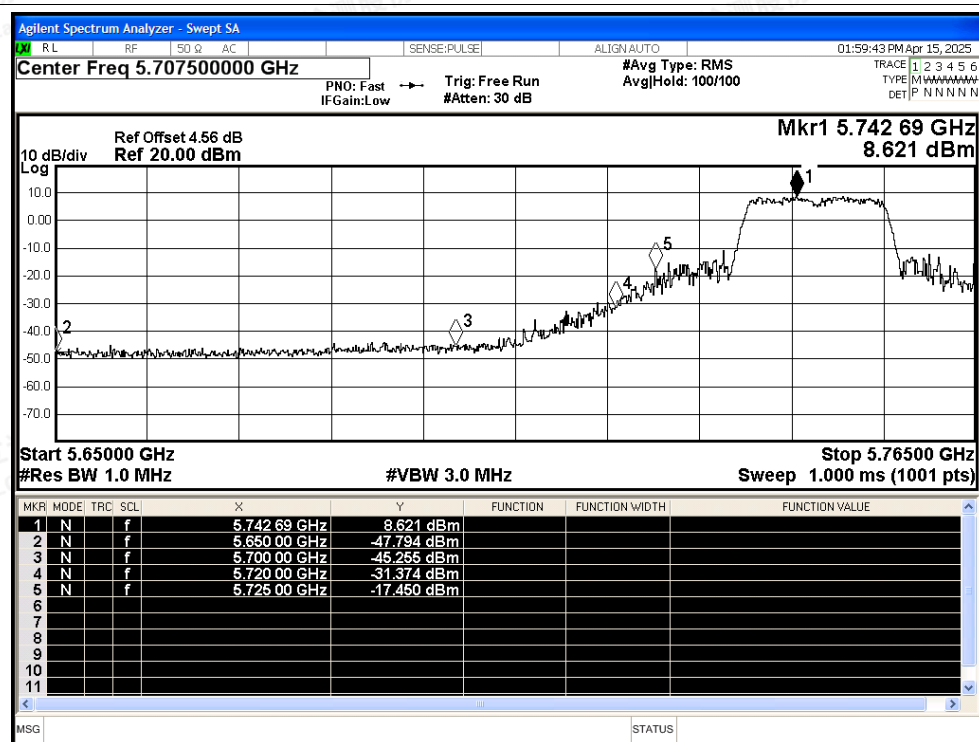
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

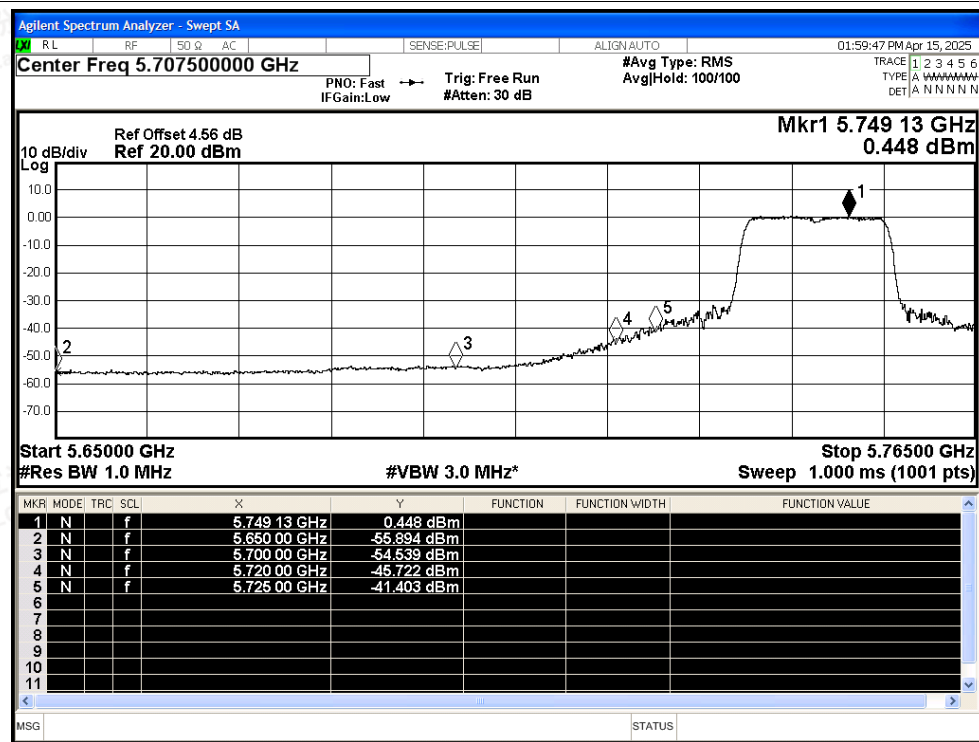
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## Restrict Band NVNT n20 5745MHz Ant Peak



## Restrict Band NVNT n20 5745MHz Ant Average



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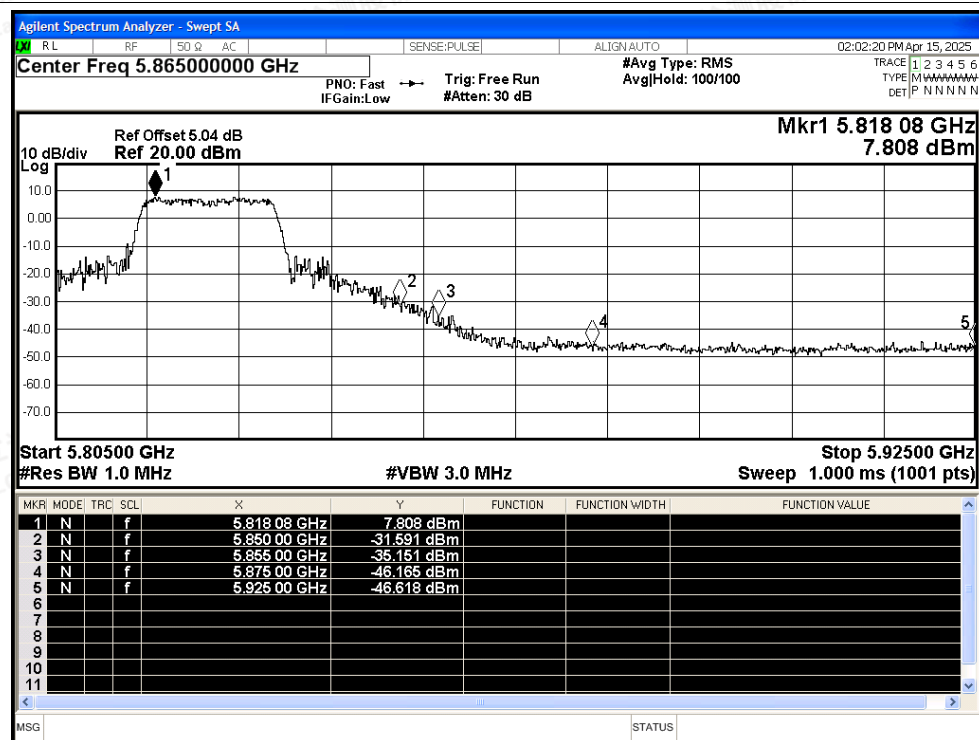
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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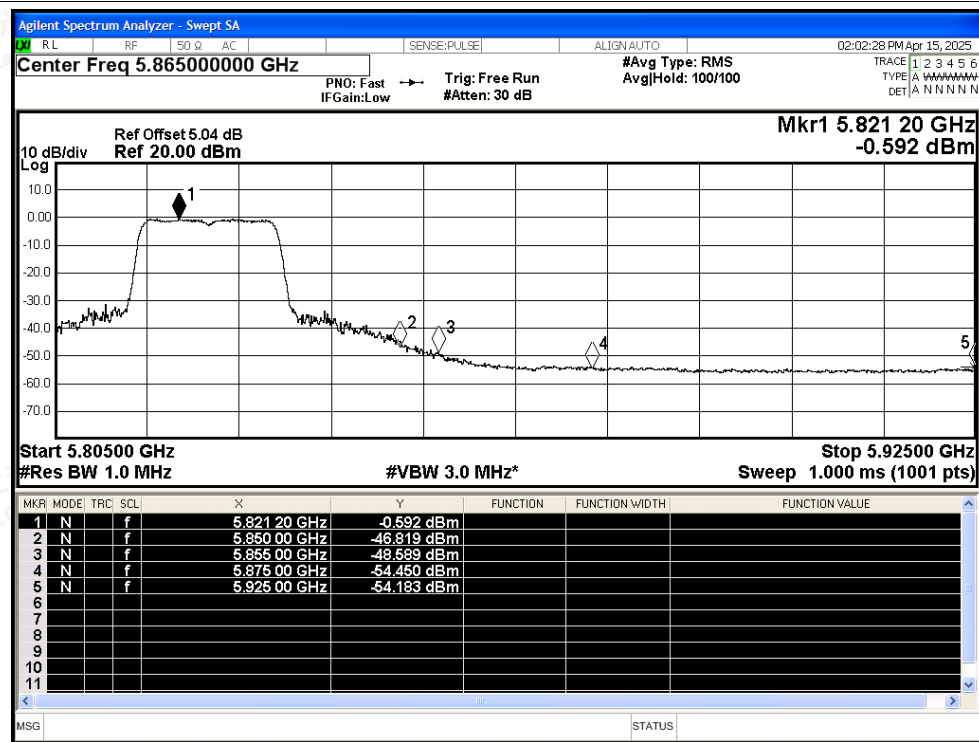




## Restrict Band NVNT n20 5825MHz Ant Peak



## Restrict Band NVNT n20 5825MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

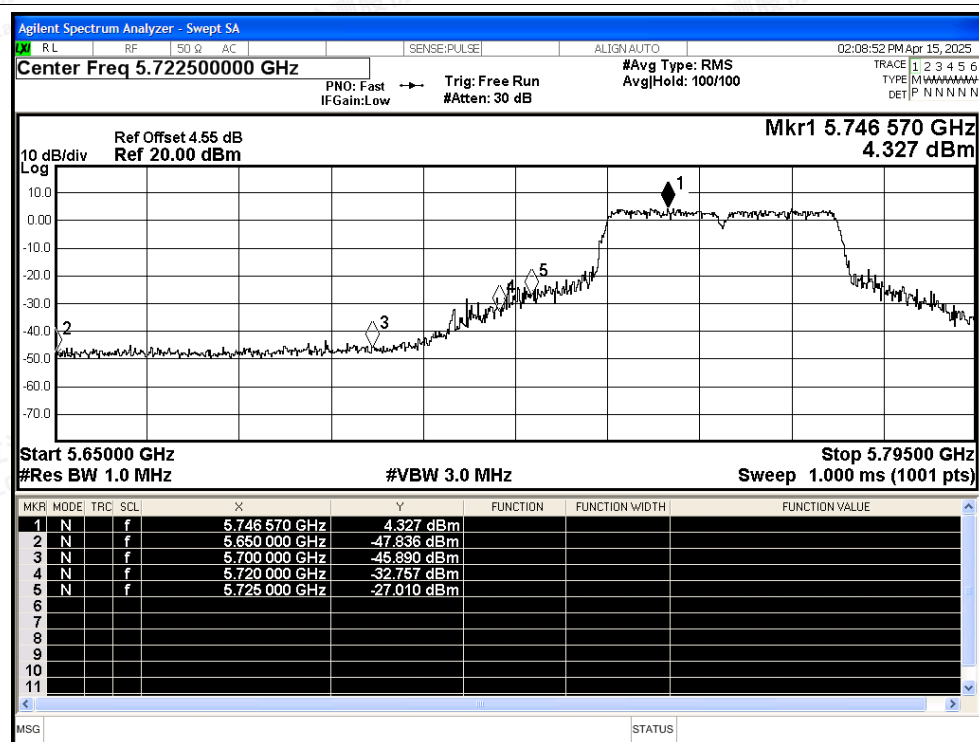
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

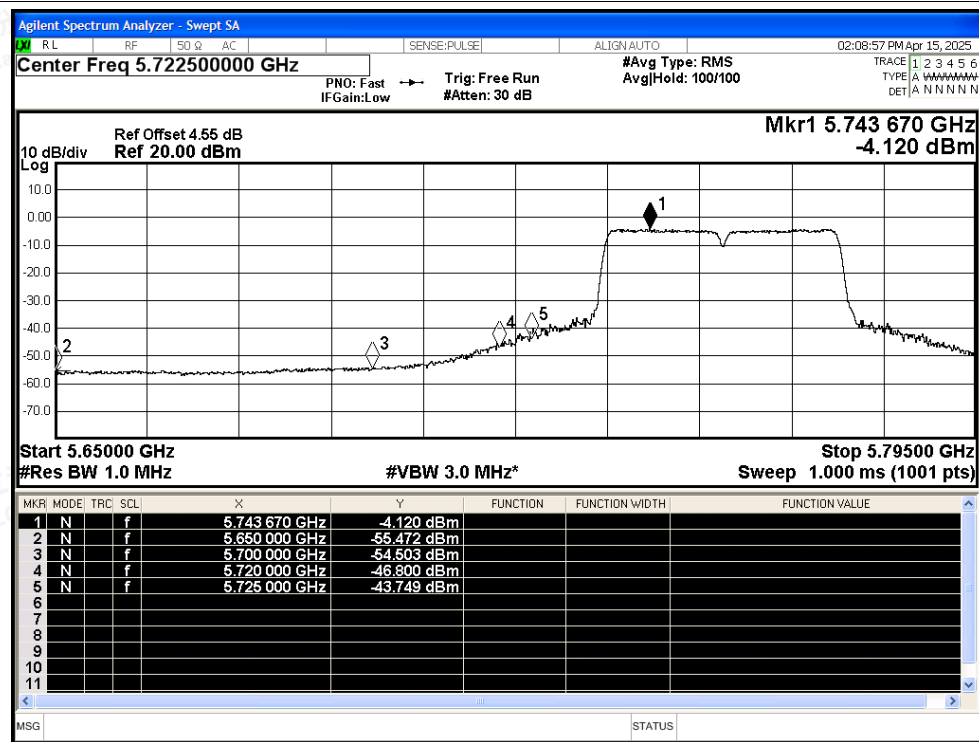
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## Restrict Band NVNT n40 5755MHz Ant Peak



## Restrict Band NVNT n40 5755MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

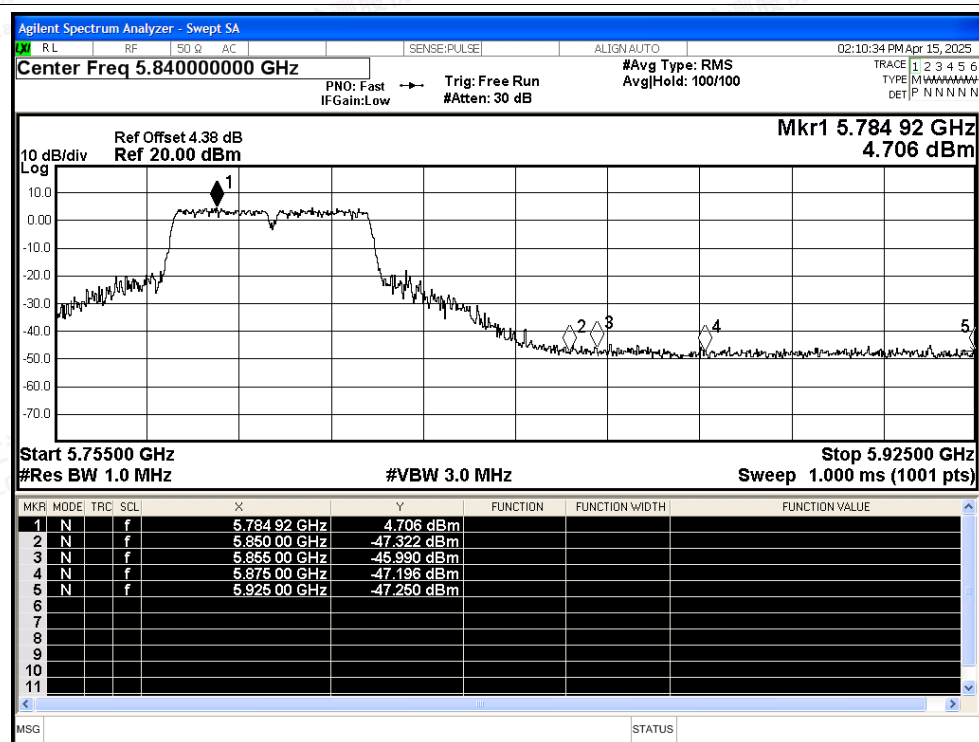
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

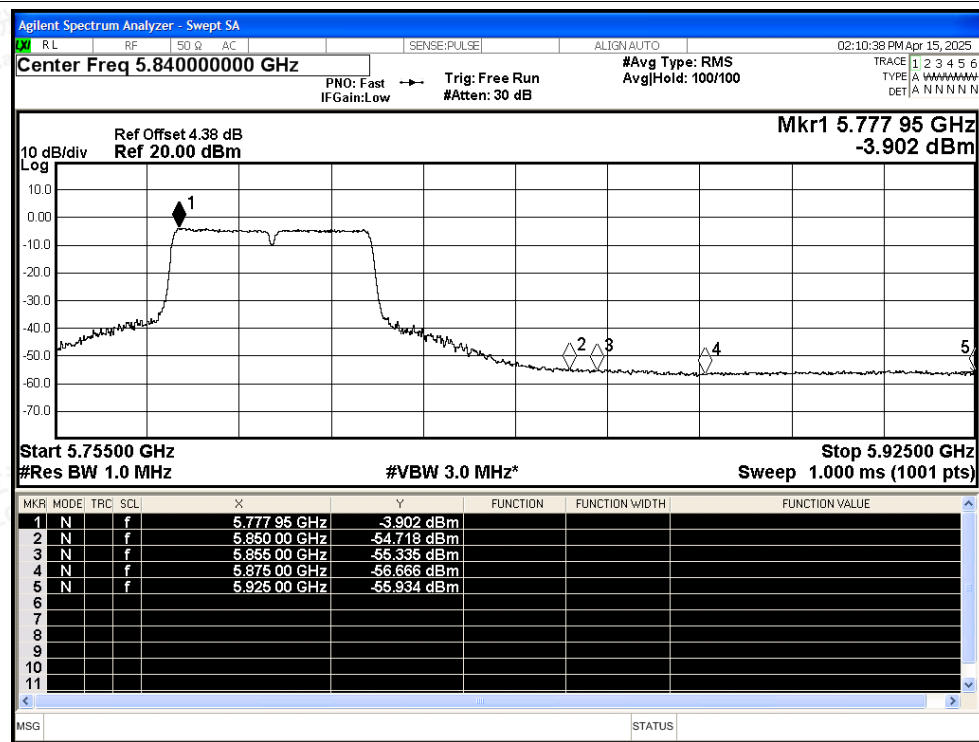
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant Peak



## Restrict Band NVNT n40 5795MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

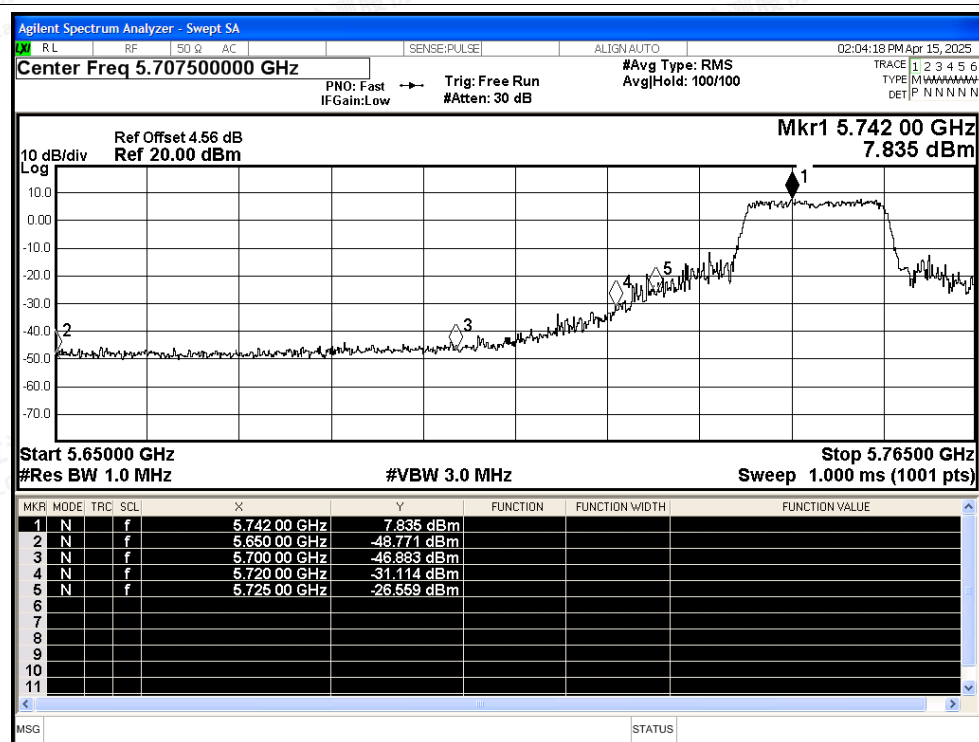
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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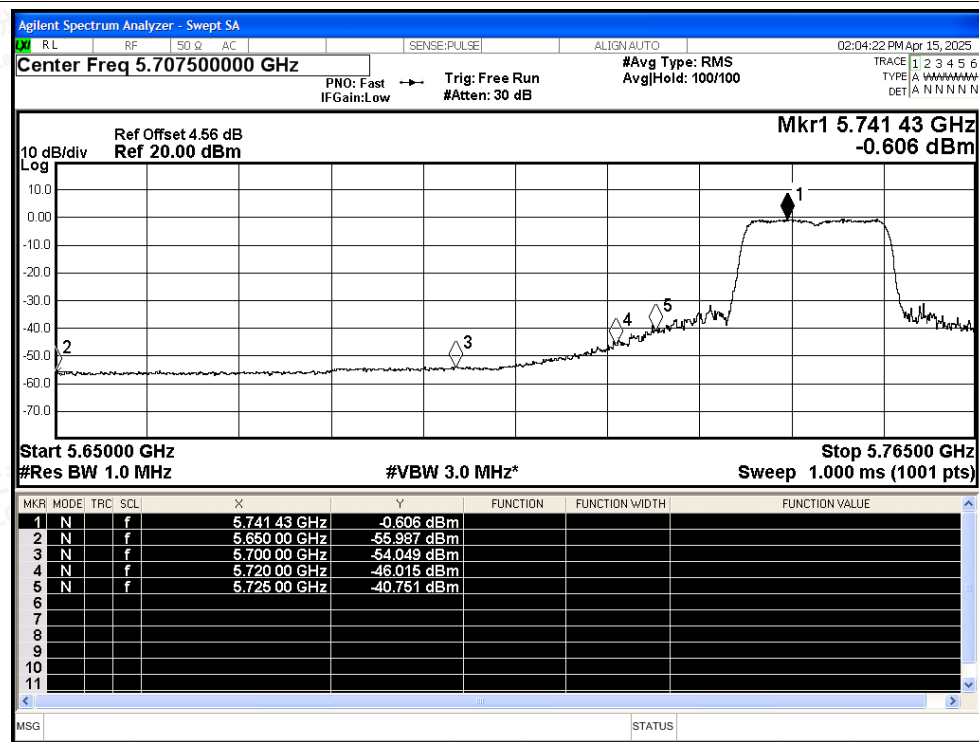
Scan code to check authenticity



## Restrict Band NVNT ac20 5745MHz Ant Peak



## Restrict Band NVNT ac20 5745MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

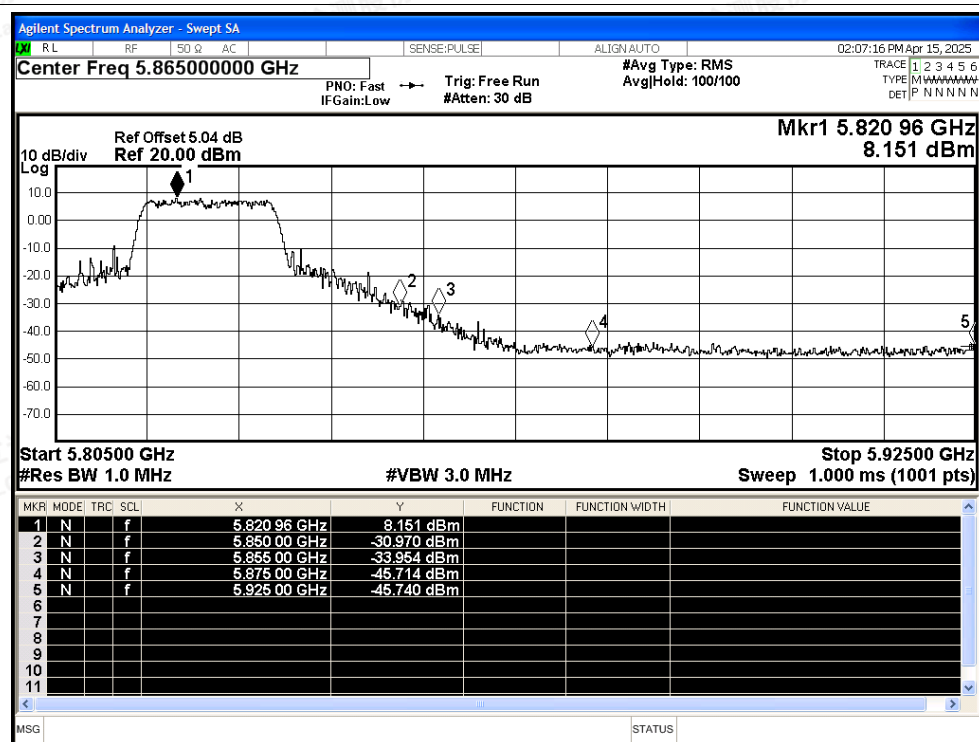
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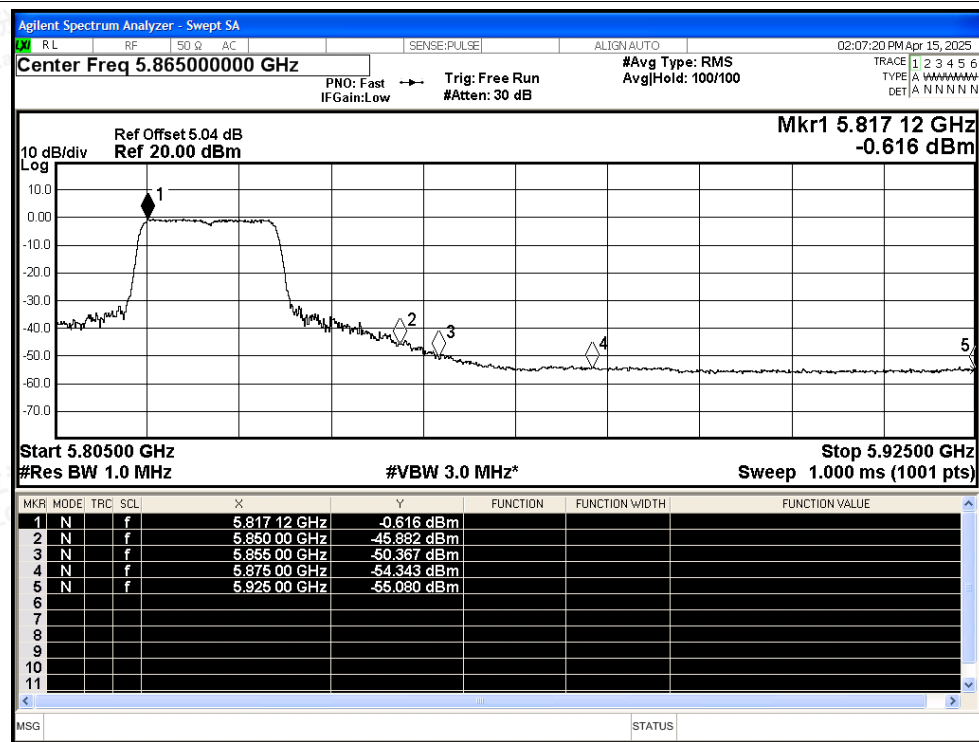
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## Restrict Band NVNT ac20 5825MHz Ant Peak



## Restrict Band NVNT ac20 5825MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

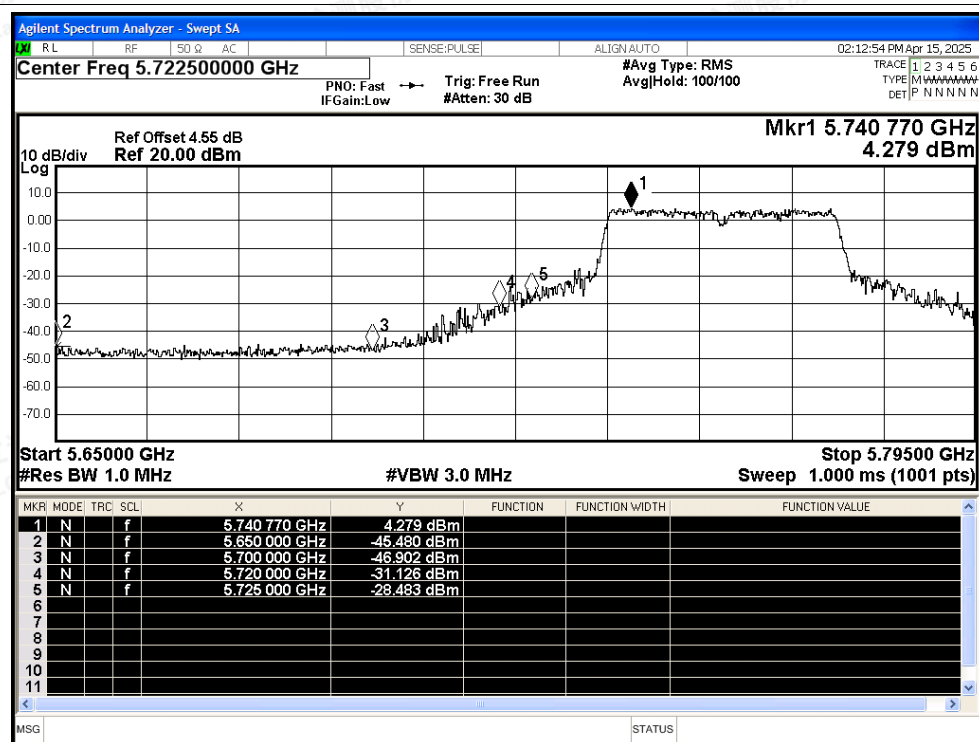
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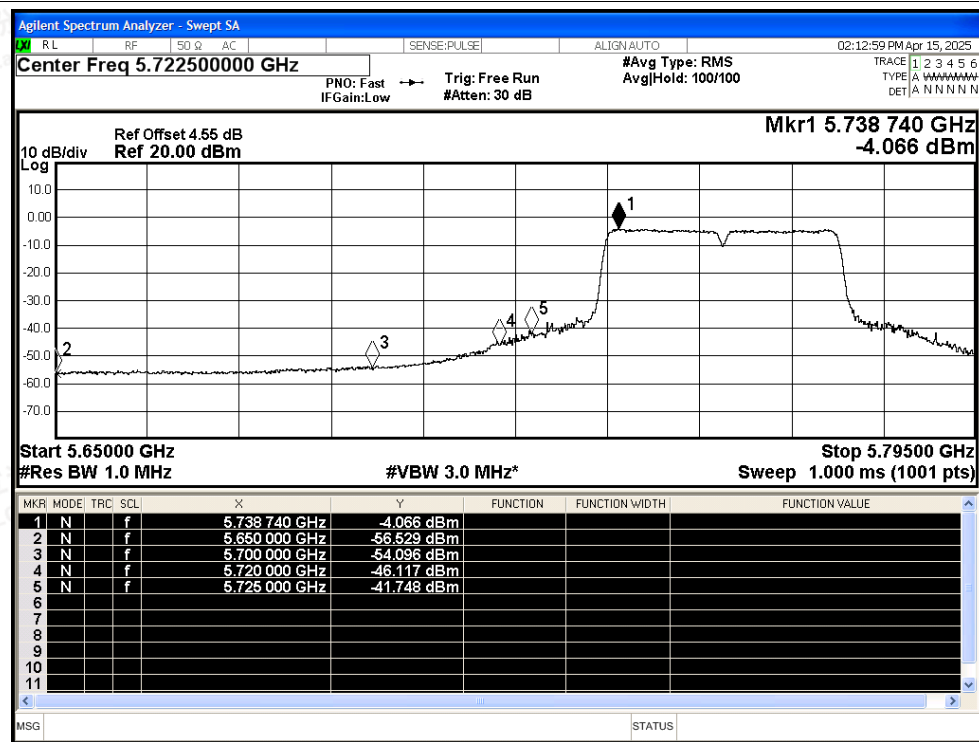
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## Restrict Band NVNT ac40 5755MHz Ant Peak



## Restrict Band NVNT ac40 5755MHz Ant Average



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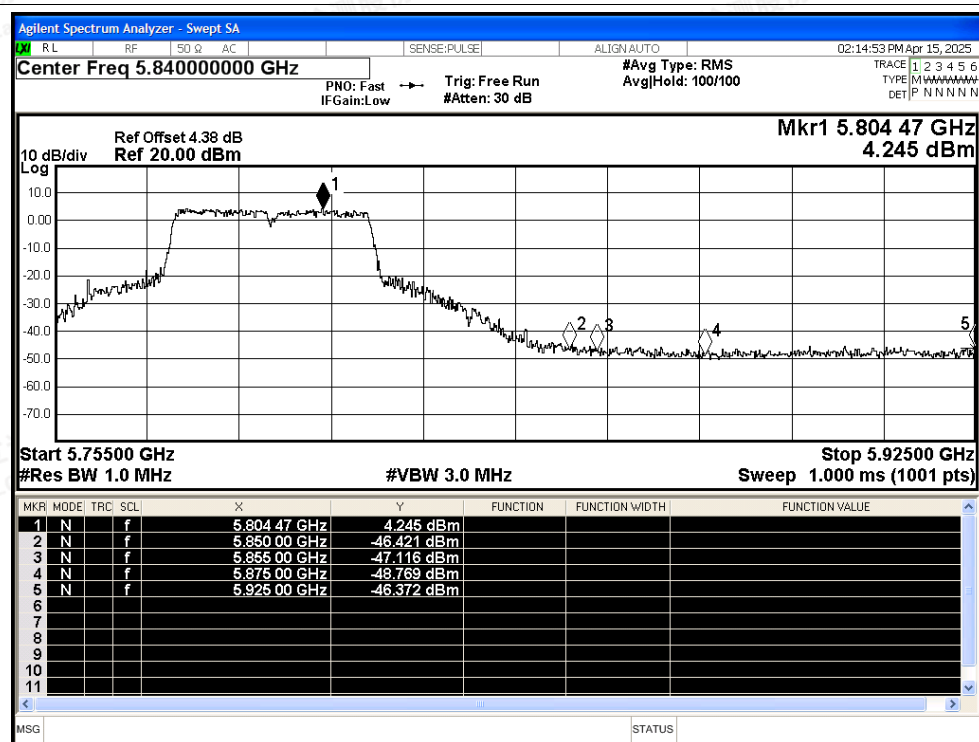
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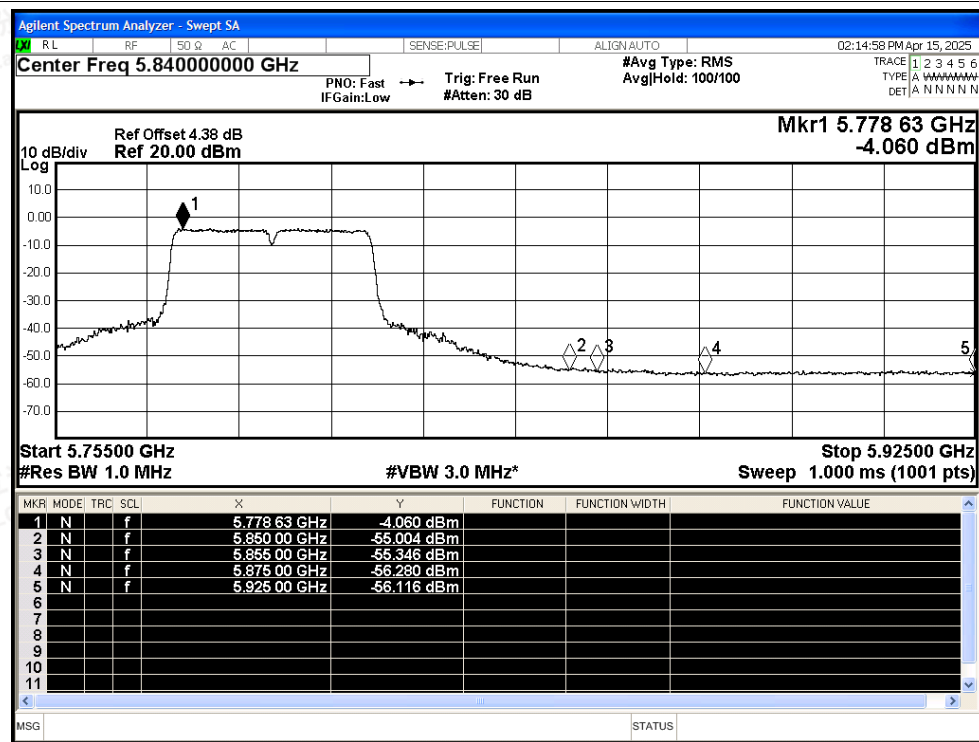
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## Restrict Band NVNT ac40 5795MHz Ant Peak



## Restrict Band NVNT ac40 5795MHz Ant Average



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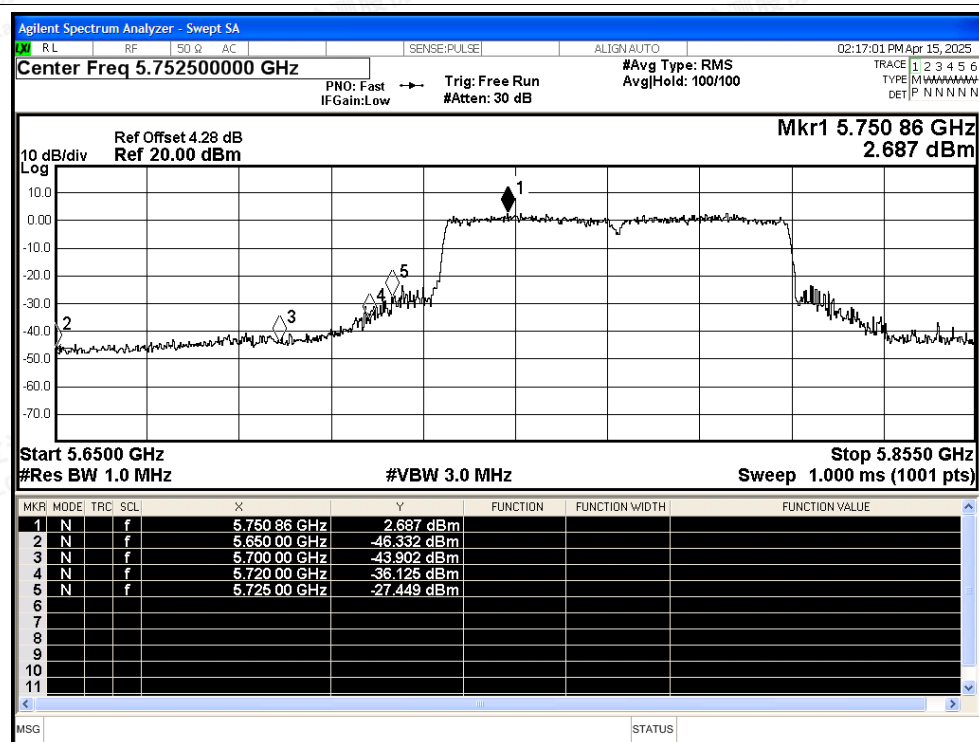
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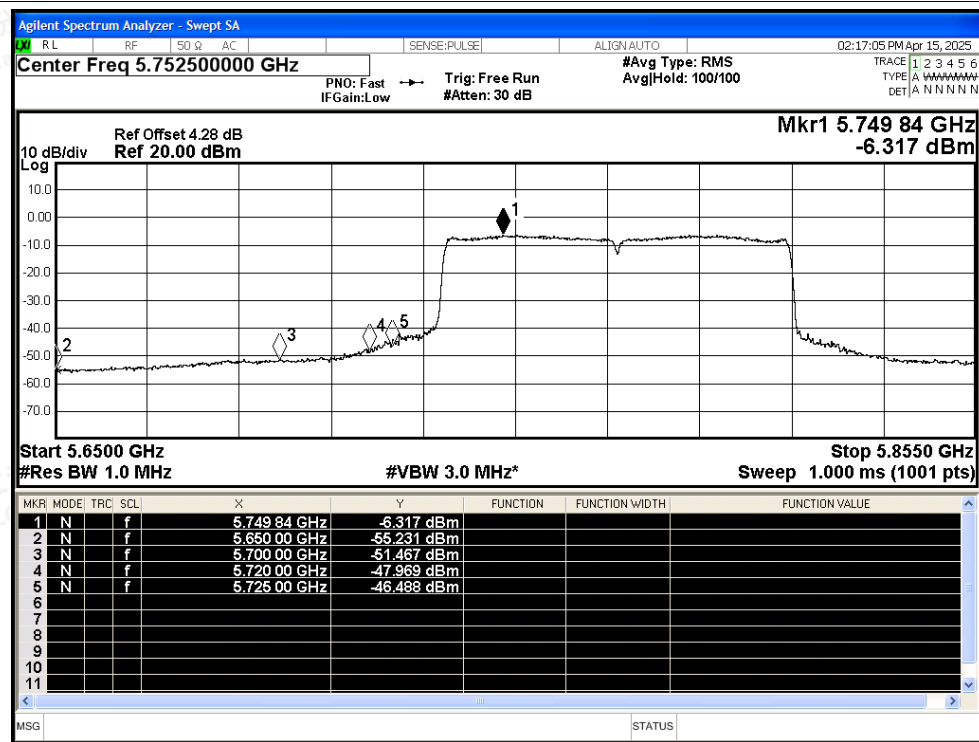




## Restrict Band NVNT ac80 5775MHz Ant Peak



## Restrict Band NVNT ac80 5775MHz Ant Average



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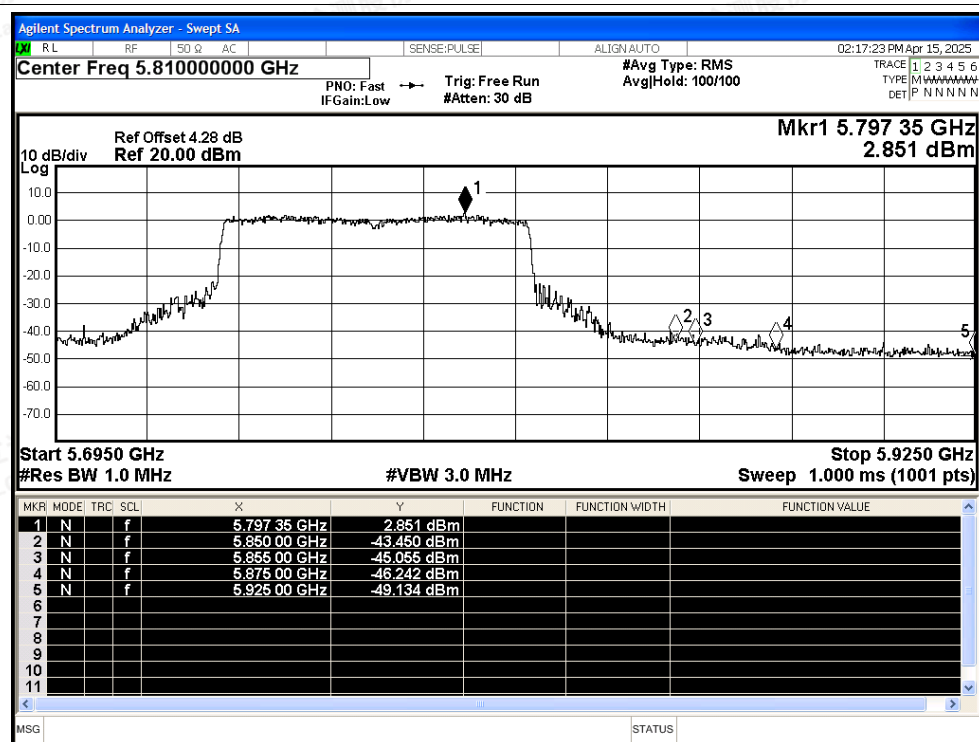
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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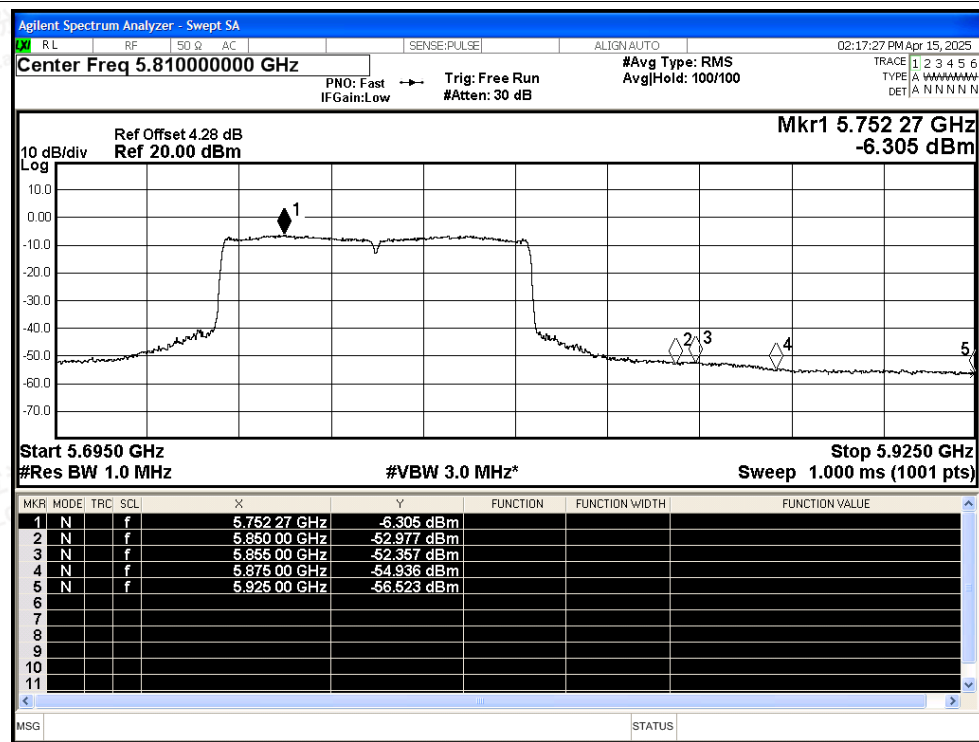
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## Restrict Band NVNT ac80 5775MHz Ant Peak



## Restrict Band NVNT ac80 5775MHz Ant Average



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## E.5 Frequency Stability

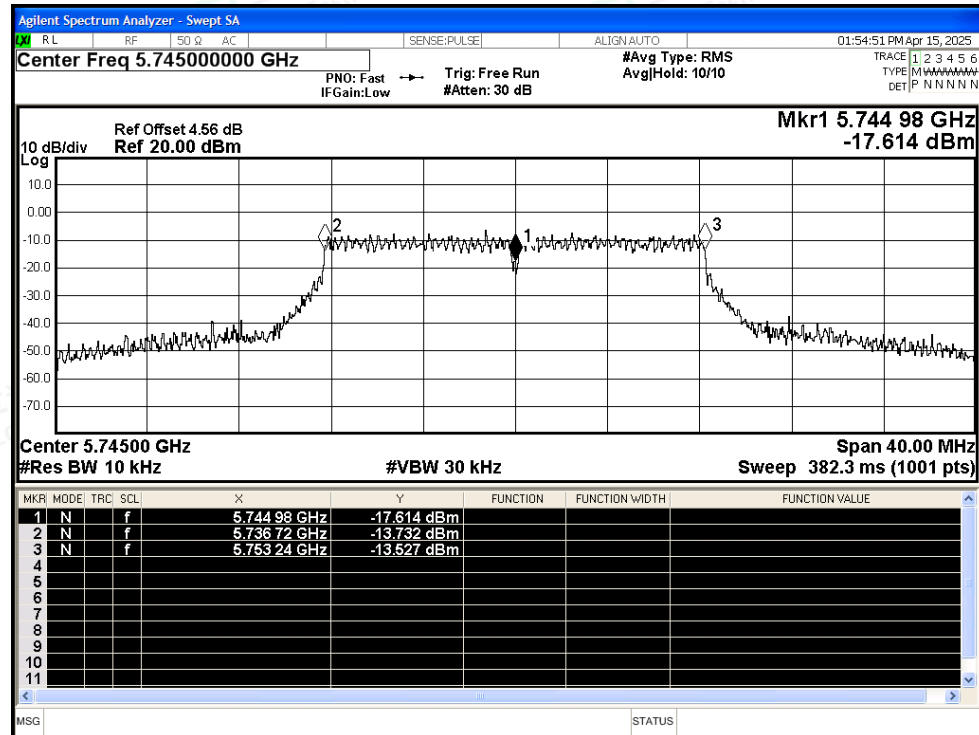
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant     | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | a    | 5785            | Ant     | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5825            | Ant     | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n20  | 5745            | Ant     | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | n20  | 5785            | Ant     | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant     | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n40  | 5755            | Ant     | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | n40  | 5795            | Ant     | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant     | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant     | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant     | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant     | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant     | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant     | 5775                     | 0                    | 0               | 25          | Pass    |



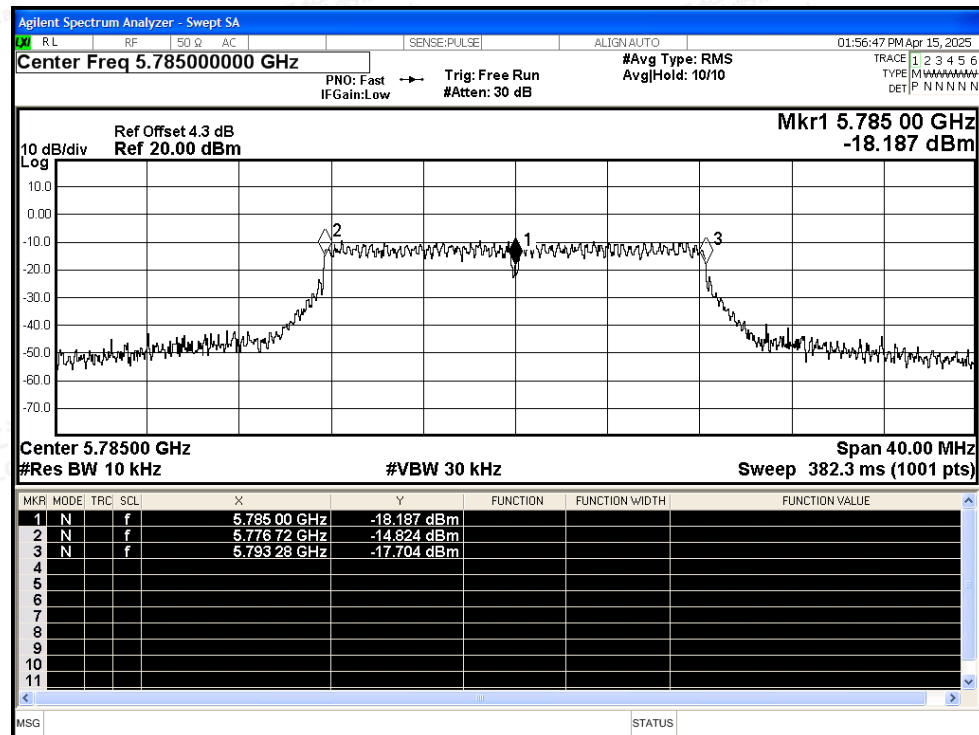


## Test Graphs

## Freq. Stability NVNT a 5745MHz Ant



## Freq. Stability NVNT a 5785MHz Ant



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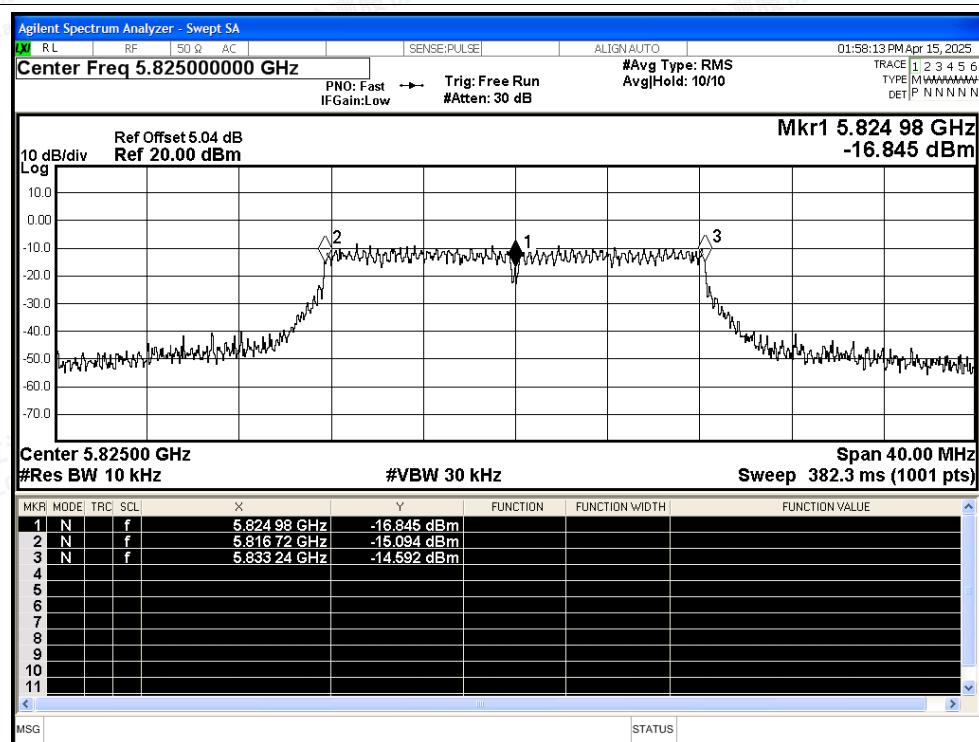
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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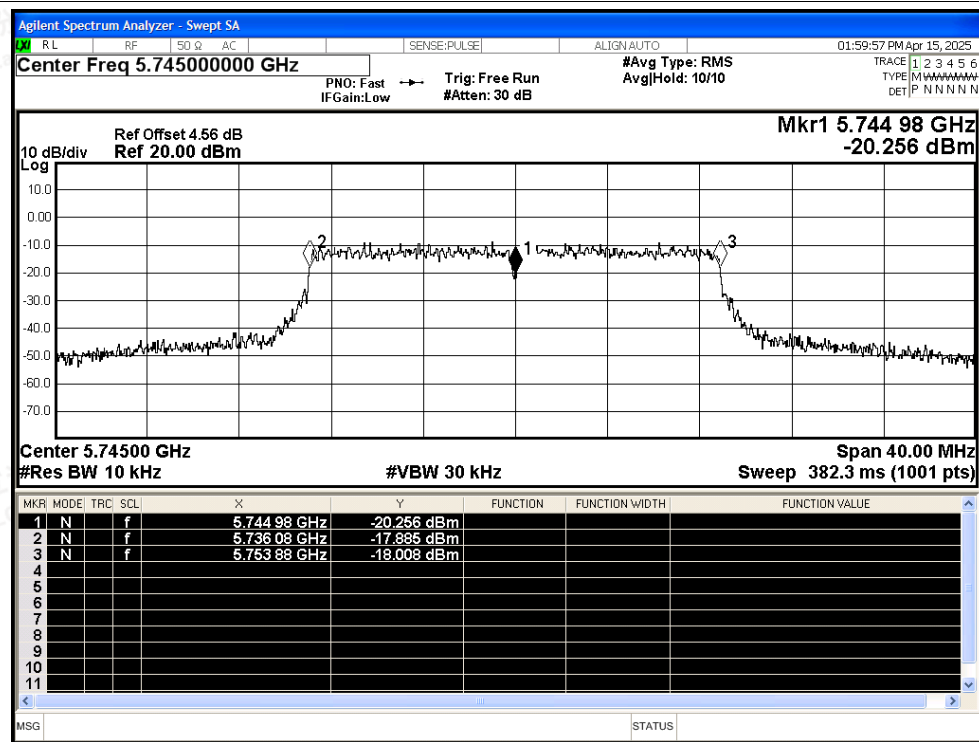
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## Freq. Stability NVNT a 5825MHz Ant



## Freq. Stability NVNT n20 5745MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

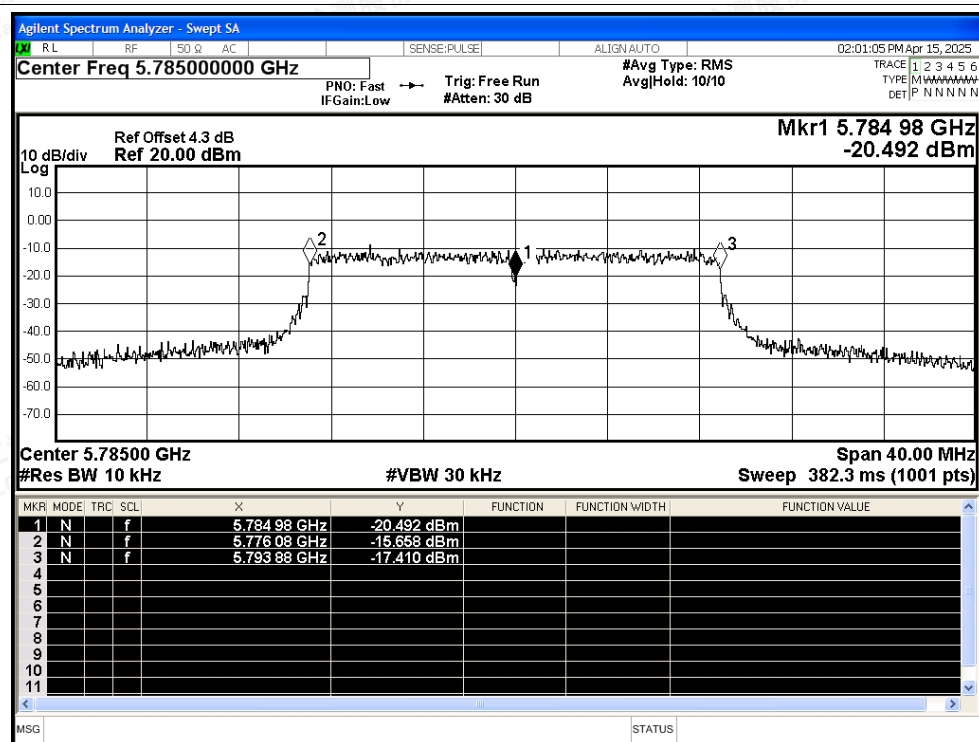
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

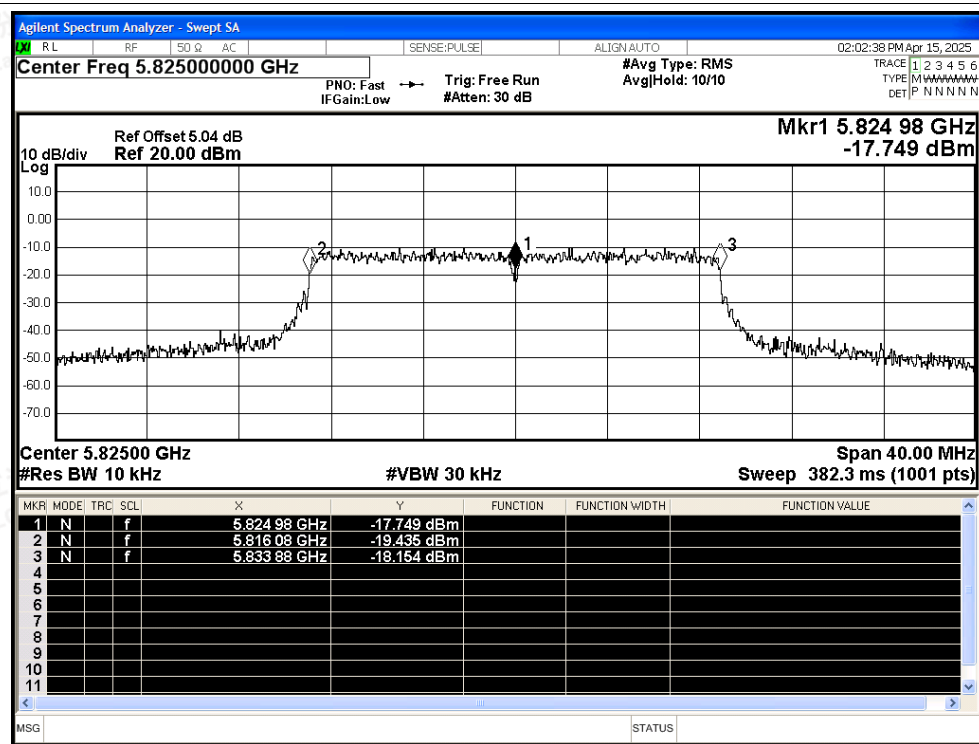
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## Freq. Stability NVNT n20 5785MHz Ant



## Freq. Stability NVNT n20 5825MHz Ant



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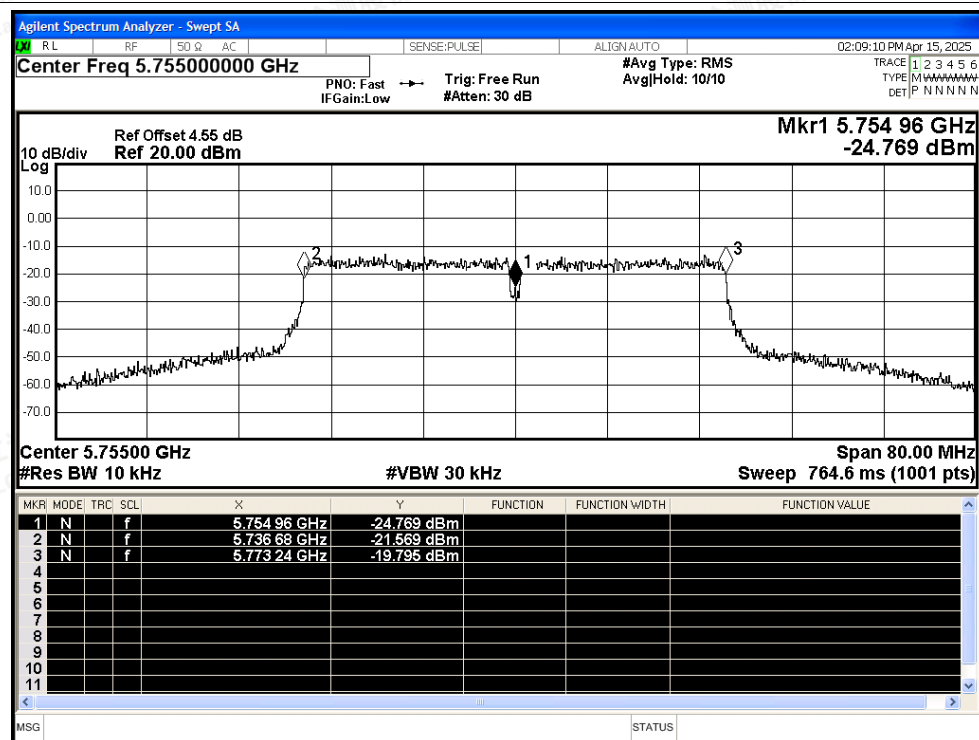
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

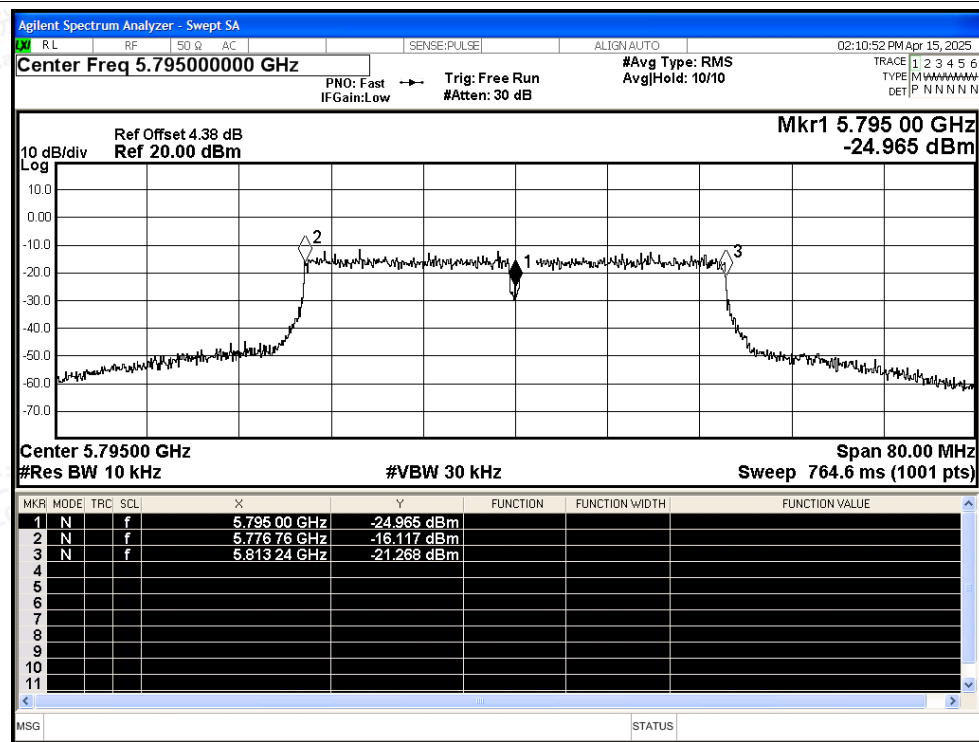
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## Freq. Stability NVNT n40 5755MHz Ant



## Freq. Stability NVNT n40 5795MHz Ant



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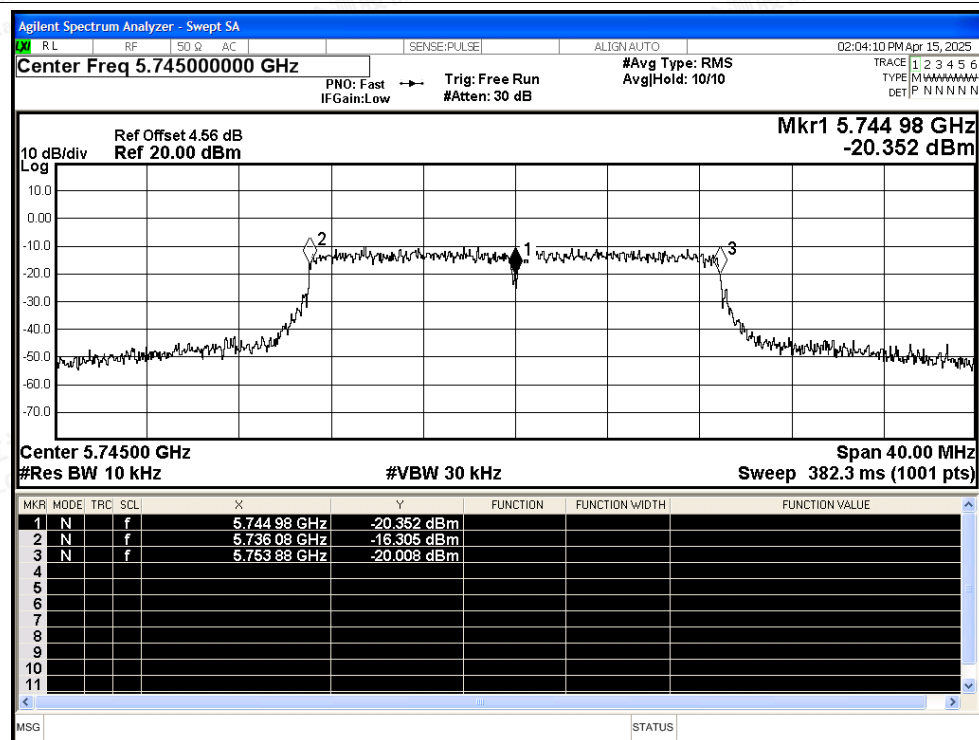
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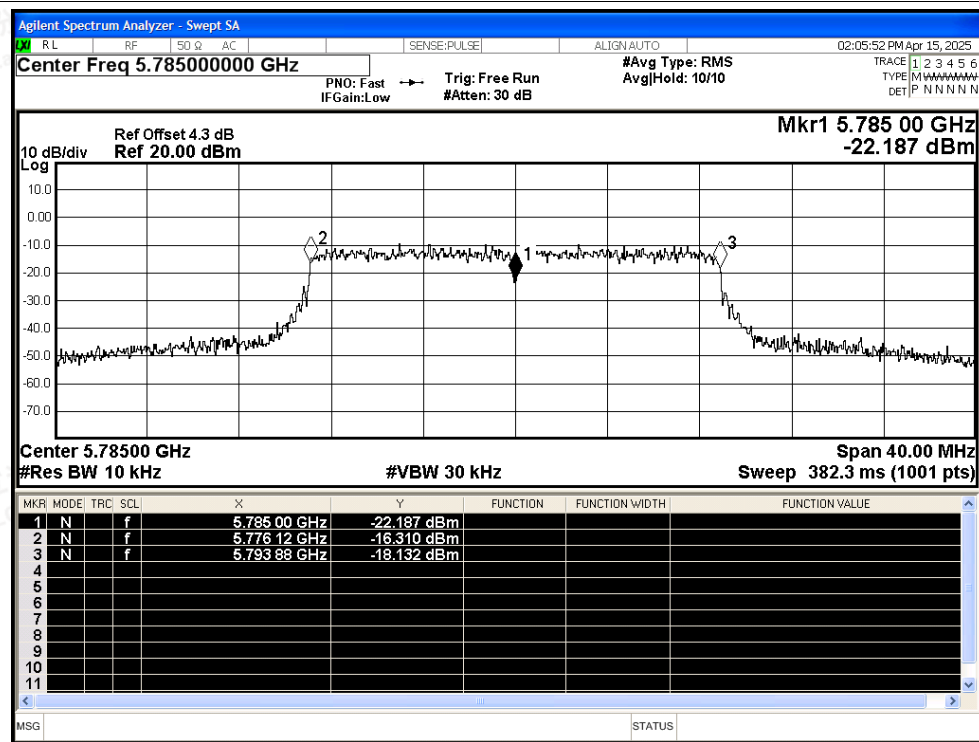




## Freq. Stability NVNT ac20 5745MHz Ant



## Freq. Stability NVNT ac20 5785MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

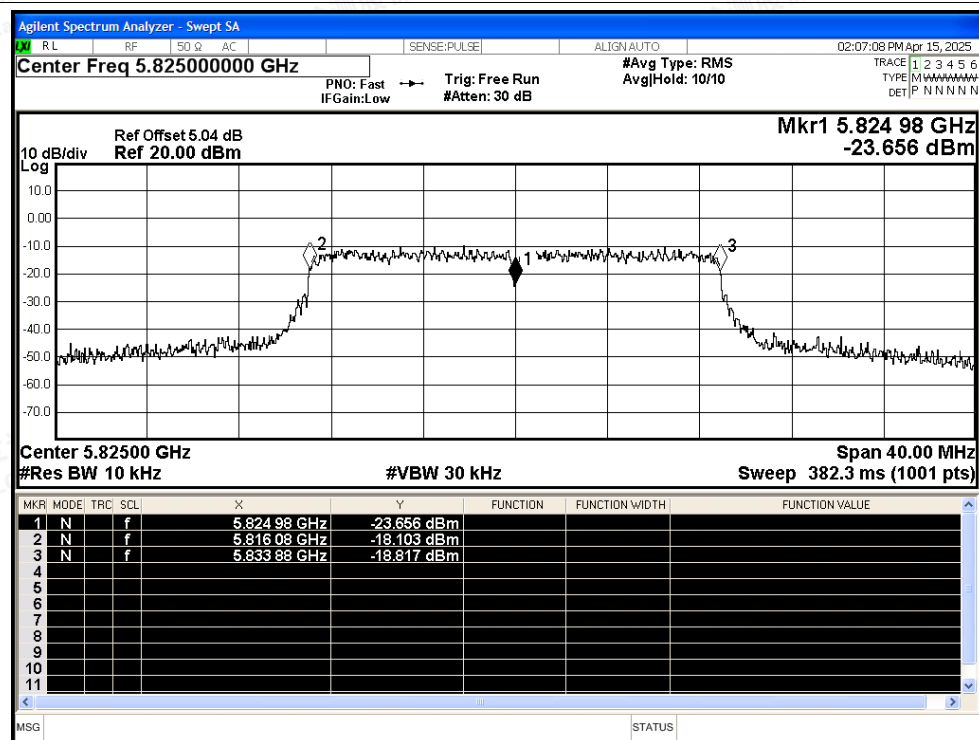
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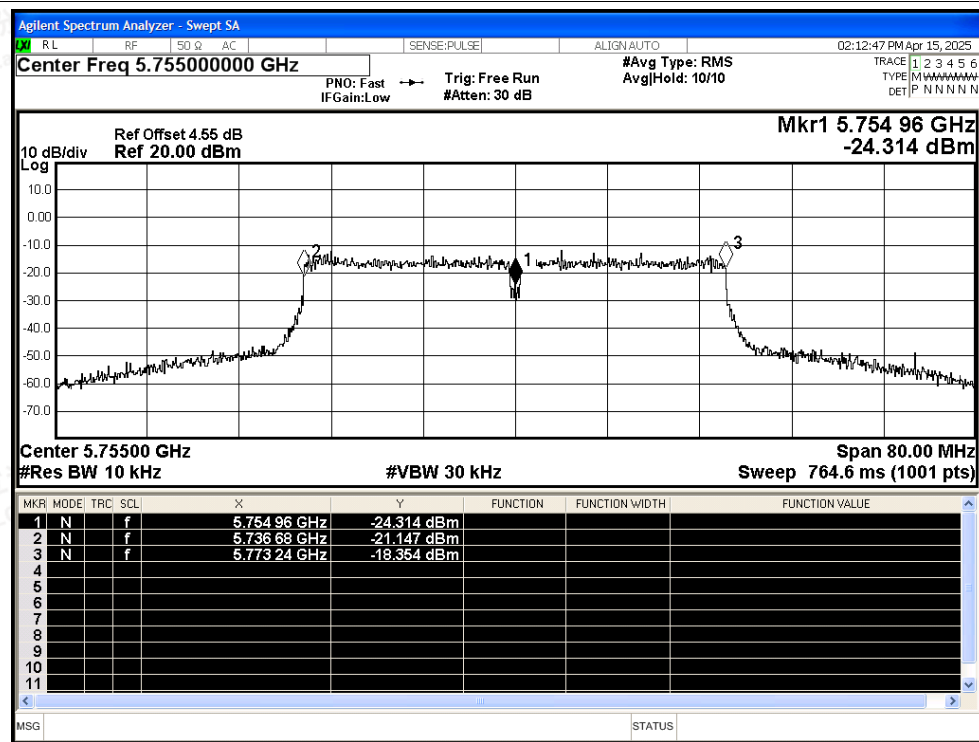
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## Freq. Stability NVNT ac20 5825MHz Ant



## Freq. Stability NVNT ac40 5755MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

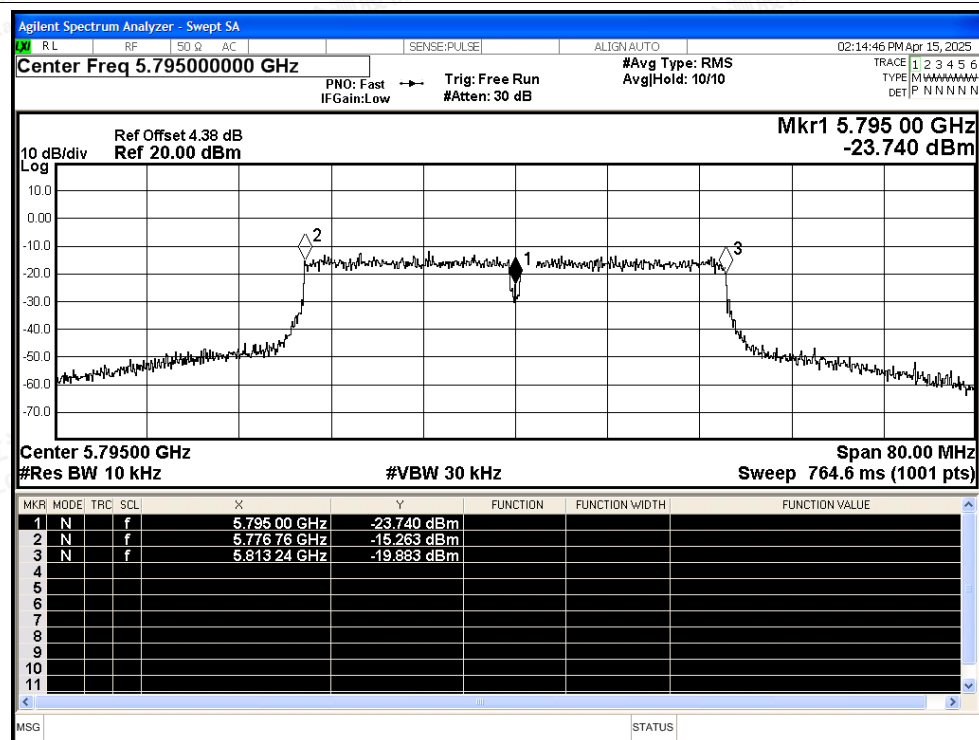
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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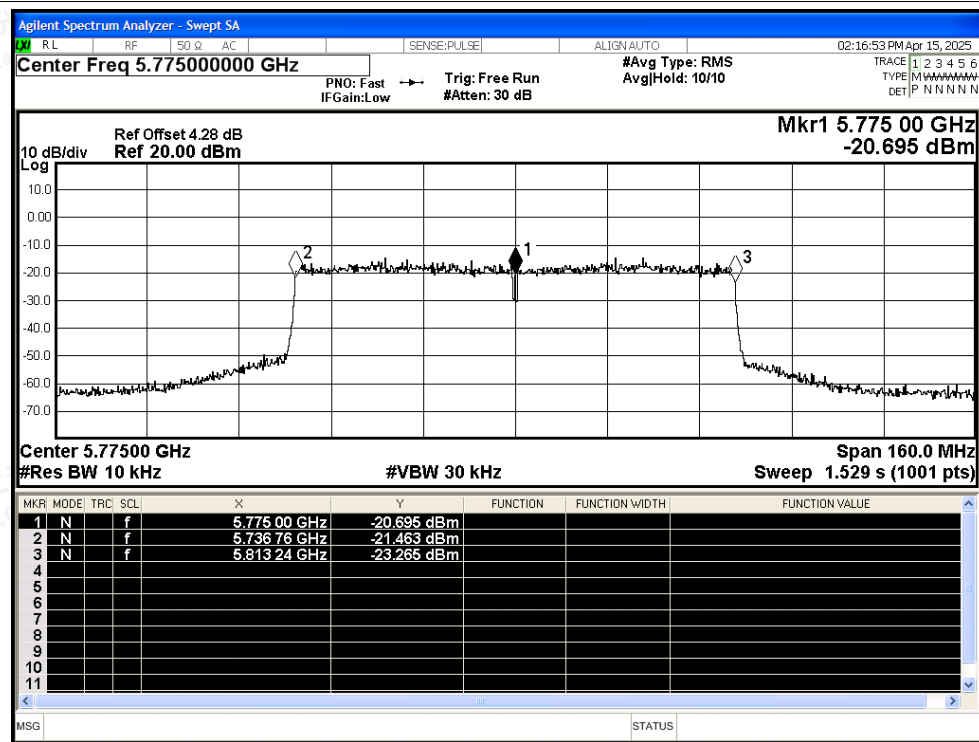
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## Freq. Stability NVNT ac40 5795MHz Ant



## Freq. Stability NVNT ac80 5775MHz Ant



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## E.6 Duty Cycle

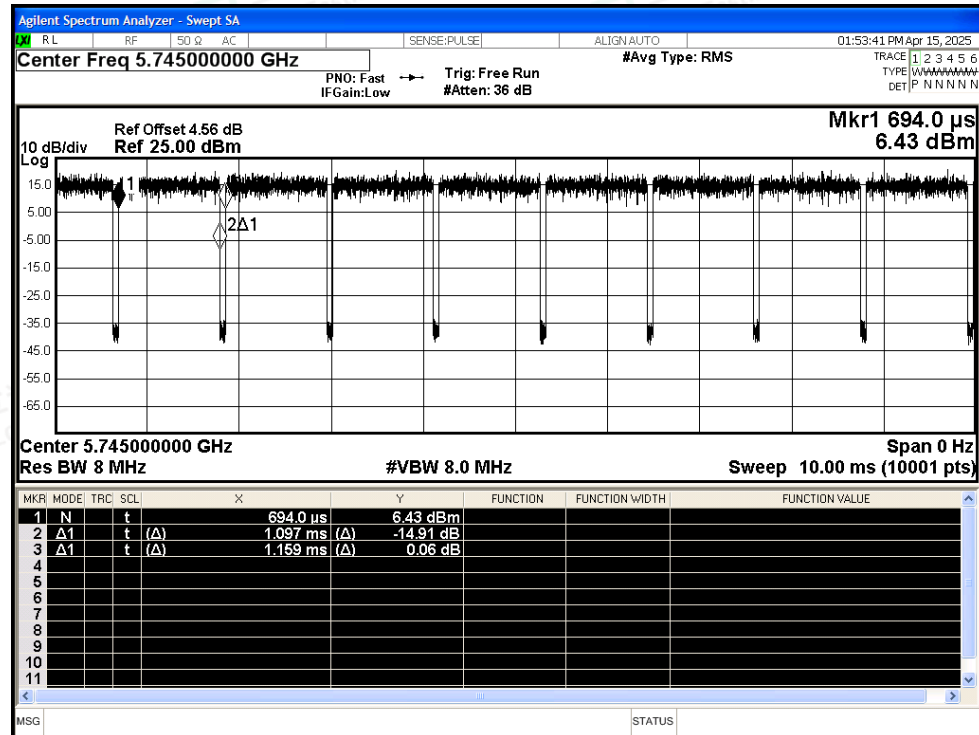
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant     | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5785            | Ant     | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant     | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant     | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 5785            | Ant     | 97.29          | 0.12                   | 0.44      |
| NVNT      | n20  | 5825            | Ant     | 97.29          | 0.12                   | 0.44      |
| NVNT      | n40  | 5755            | Ant     | 94.71          | 0.24                   | 0.9       |
| NVNT      | n40  | 5795            | Ant     | 94.71          | 0.24                   | 0.9       |
| NVNT      | ac20 | 5745            | Ant     | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac20 | 5785            | Ant     | 97.3           | 0.12                   | 0.44      |
| NVNT      | ac20 | 5825            | Ant     | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac40 | 5755            | Ant     | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac40 | 5795            | Ant     | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac80 | 5775            | Ant     | 89.82          | 0.47                   | 1.86      |



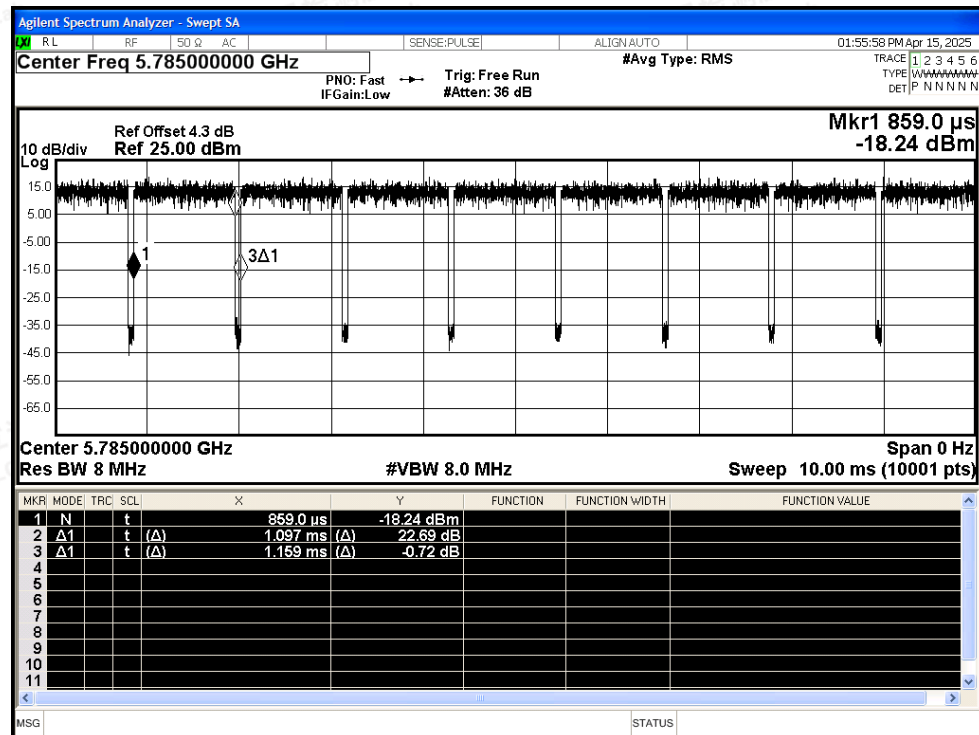


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant



## Duty Cycle NVNT a 5785MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

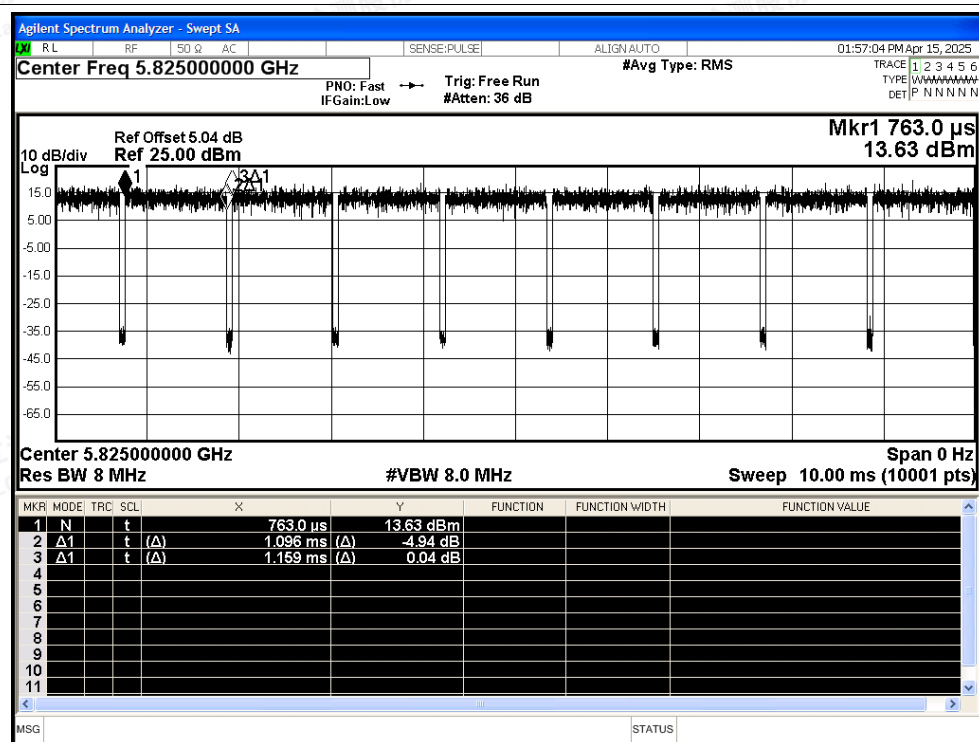
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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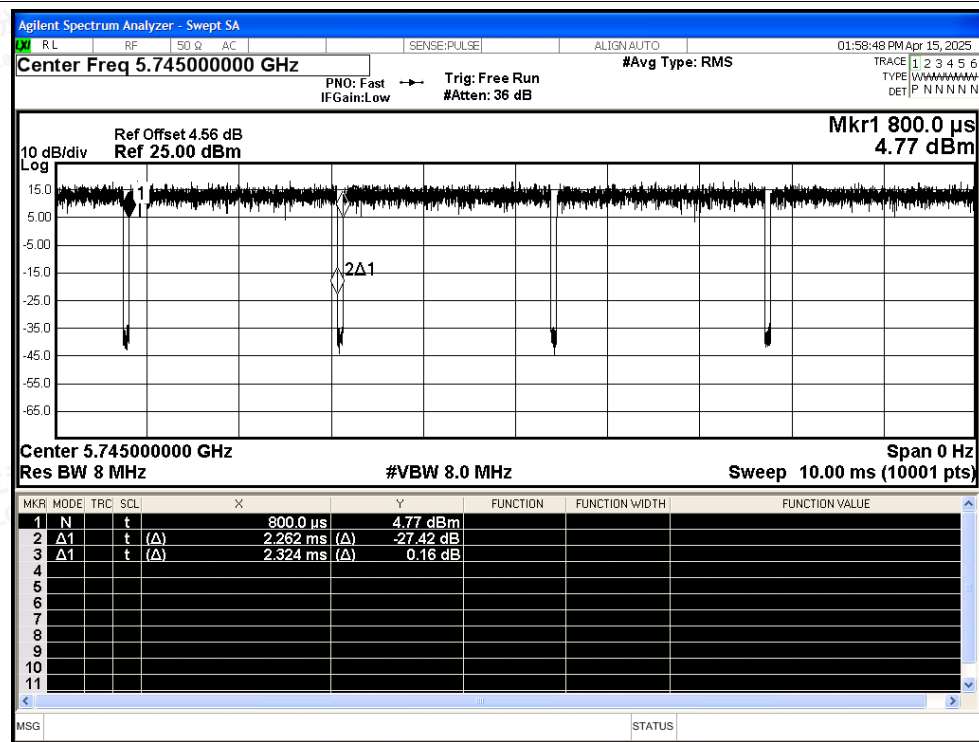
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## Duty Cycle NVNT a 5825MHz Ant



## Duty Cycle NVNT n20 5745MHz Ant

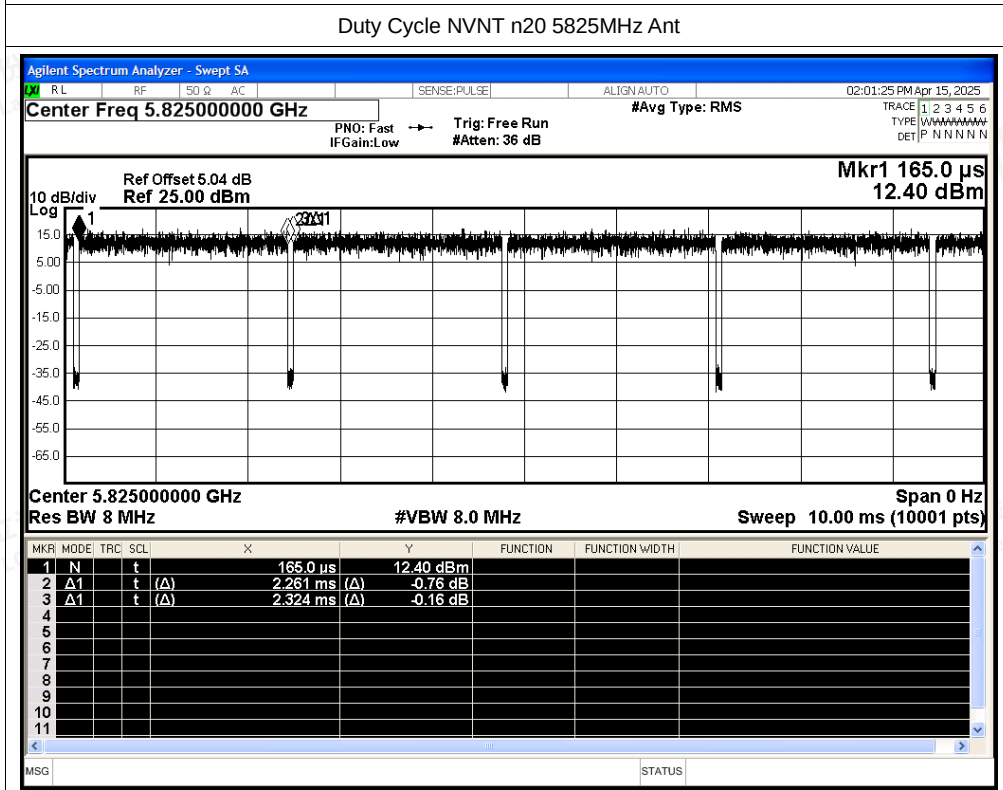
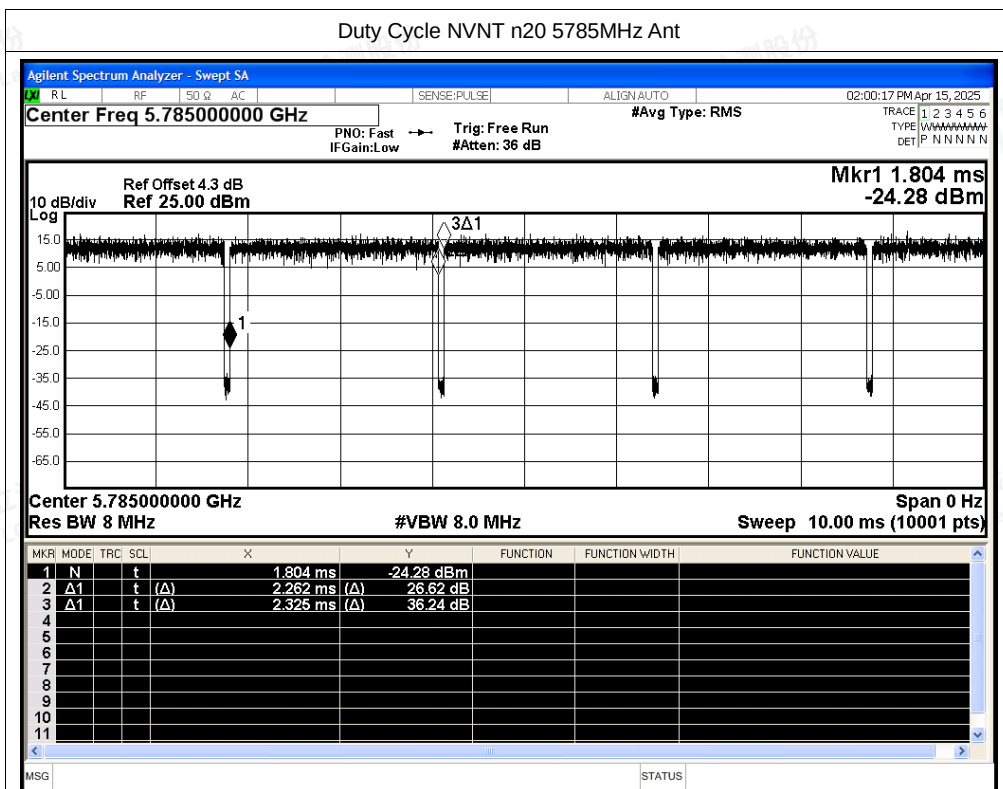


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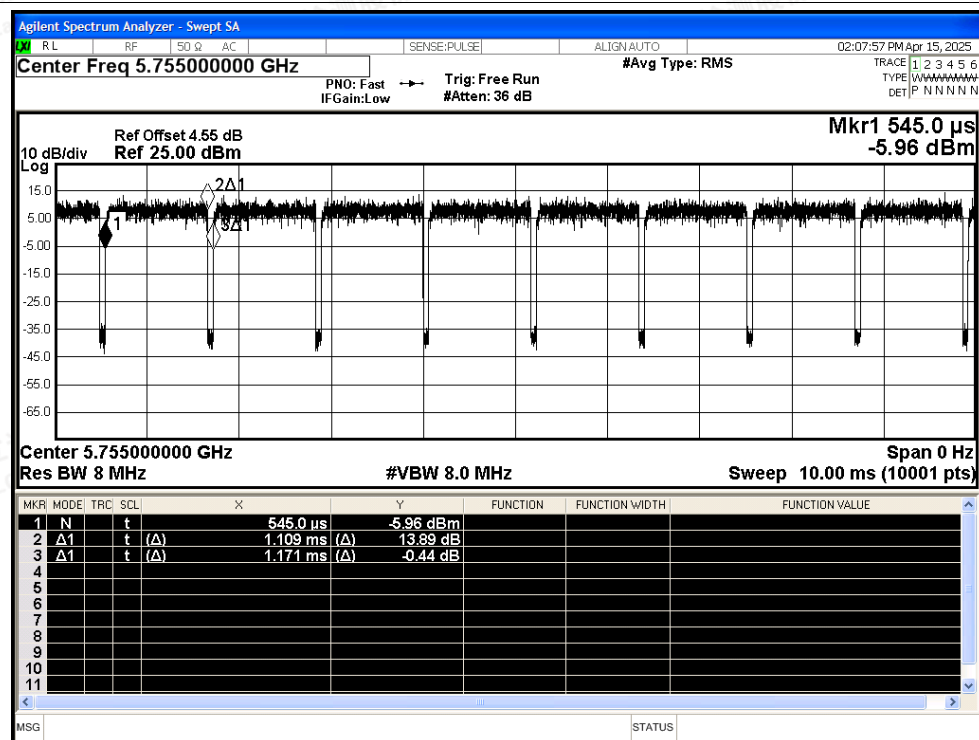
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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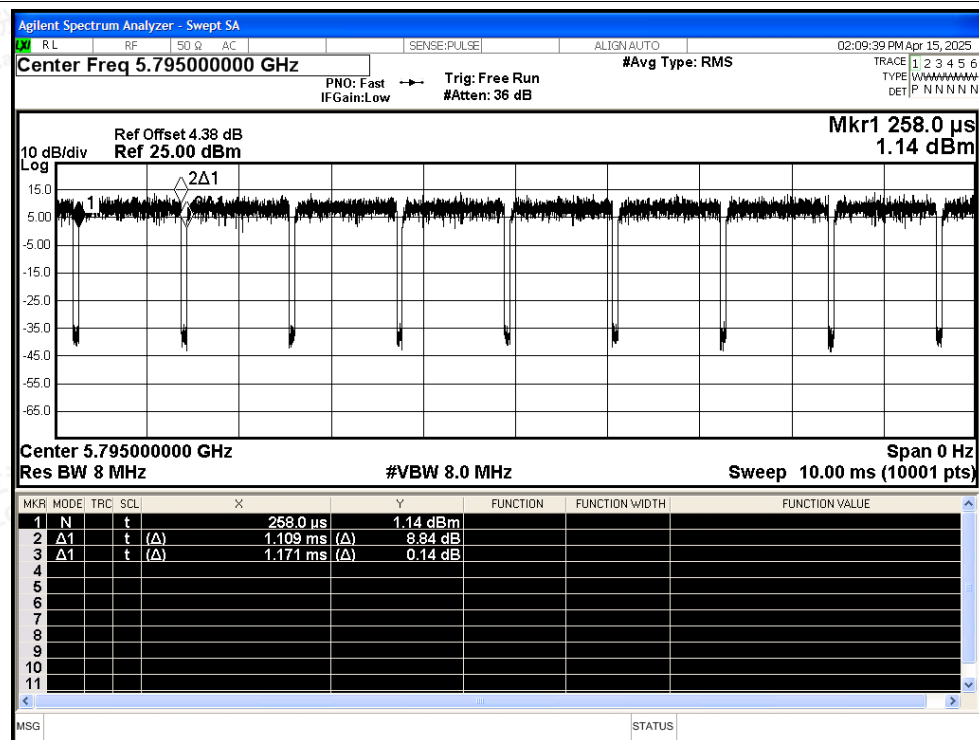




## Duty Cycle NVNT n40 5755MHz Ant



## Duty Cycle NVNT n40 5795MHz Ant

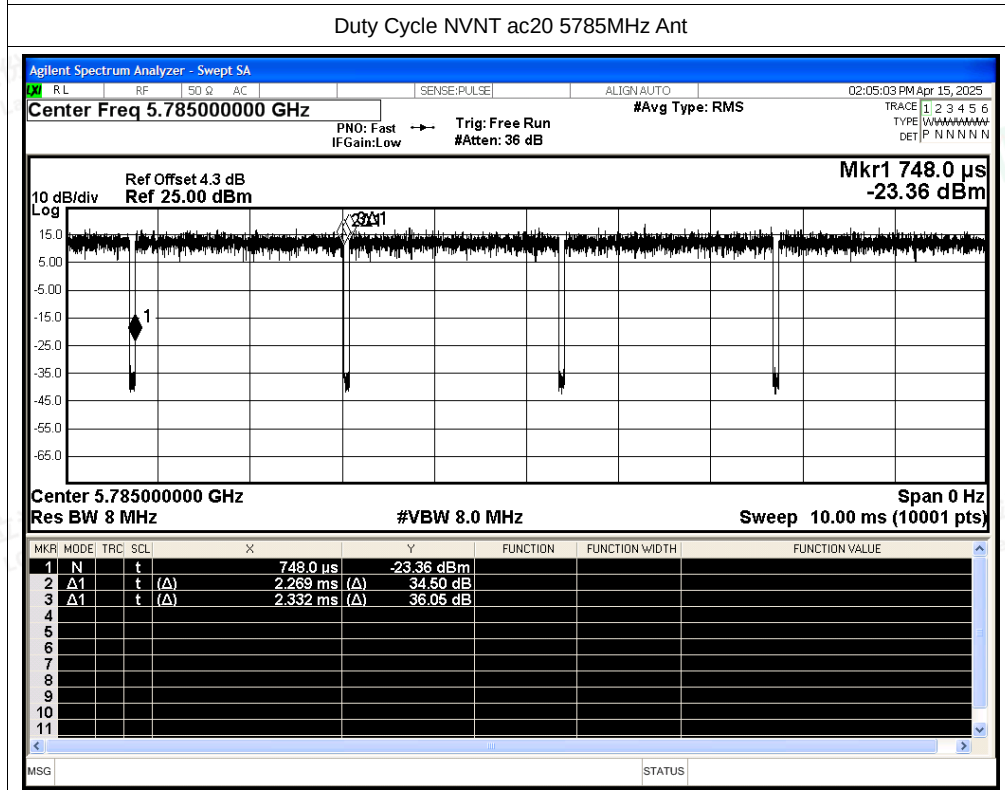
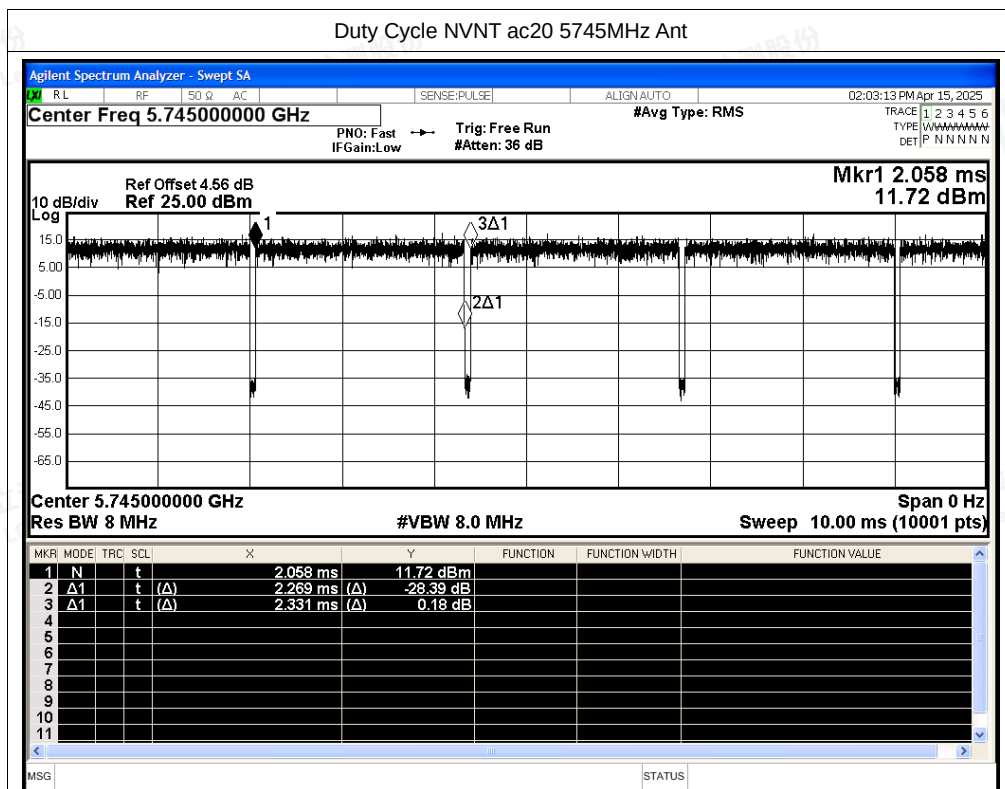


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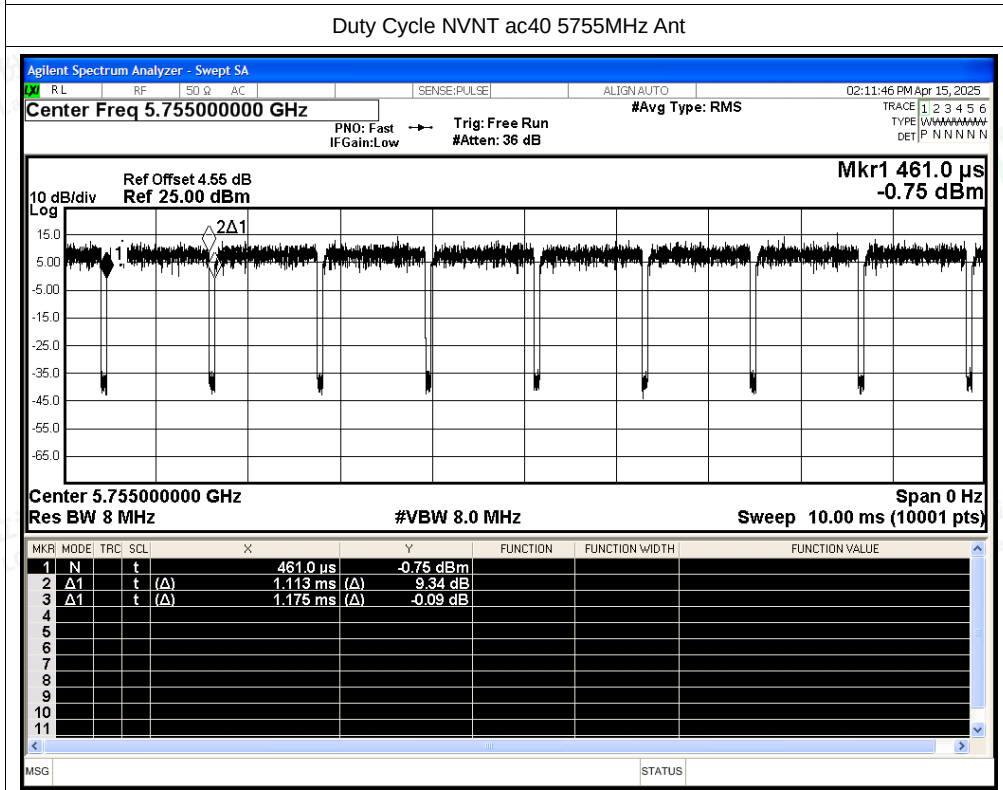
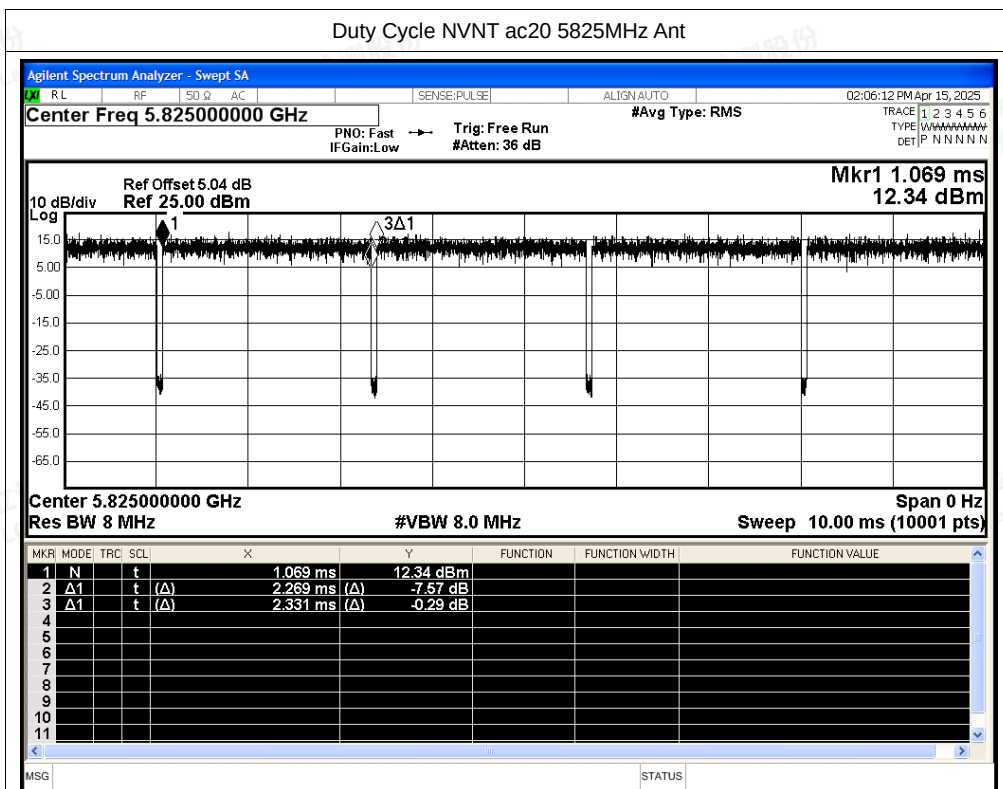


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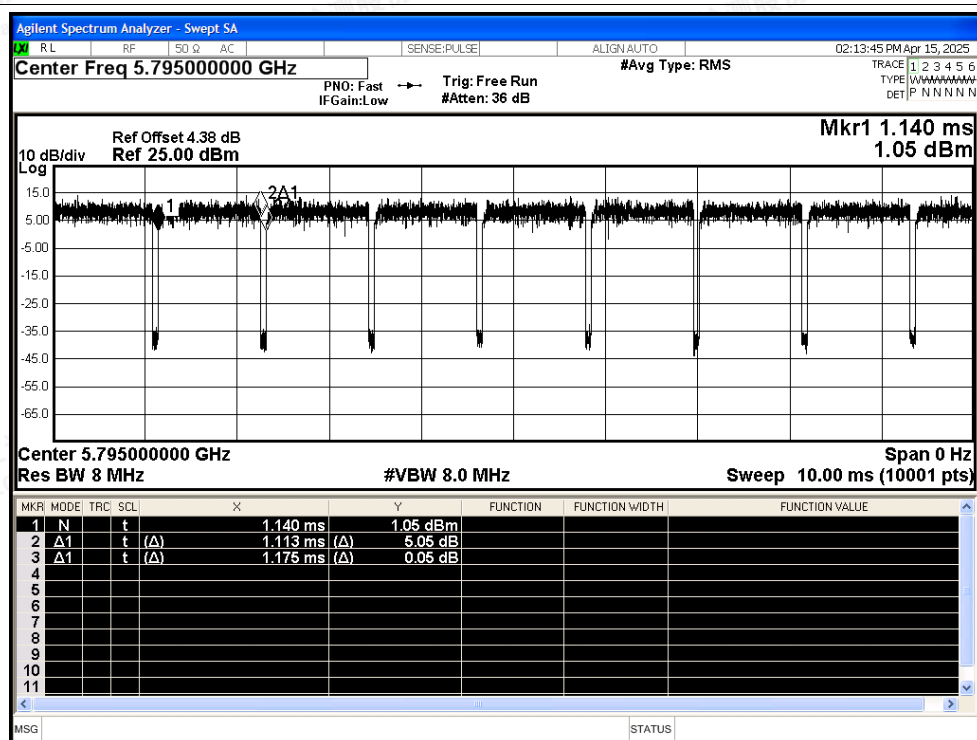
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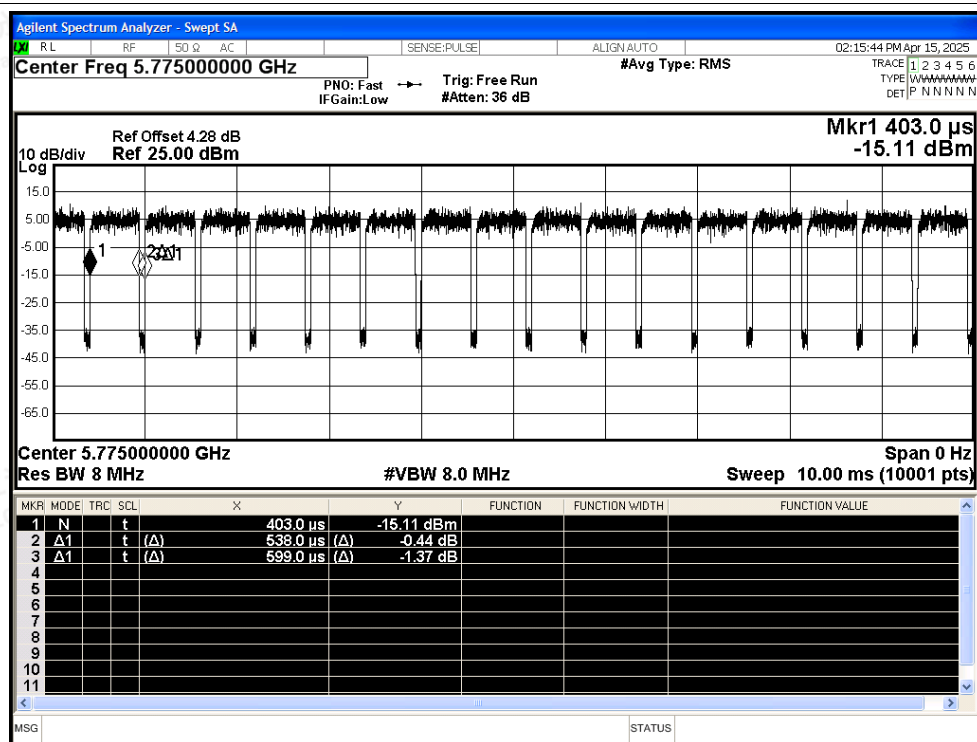
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## Duty Cycle NVNT ac40 5795MHz Ant



## Duty Cycle NVNT ac80 5775MHz Ant



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