



## Appendix G

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

Product Name: Smart Diagnostic System

Test Model: VDT800

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.2° C   |
| Relative Humidity: | 53.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Can Kun   |
| Supervised by:     | Nick Peng |



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## G.1 -6dB Bandwidth

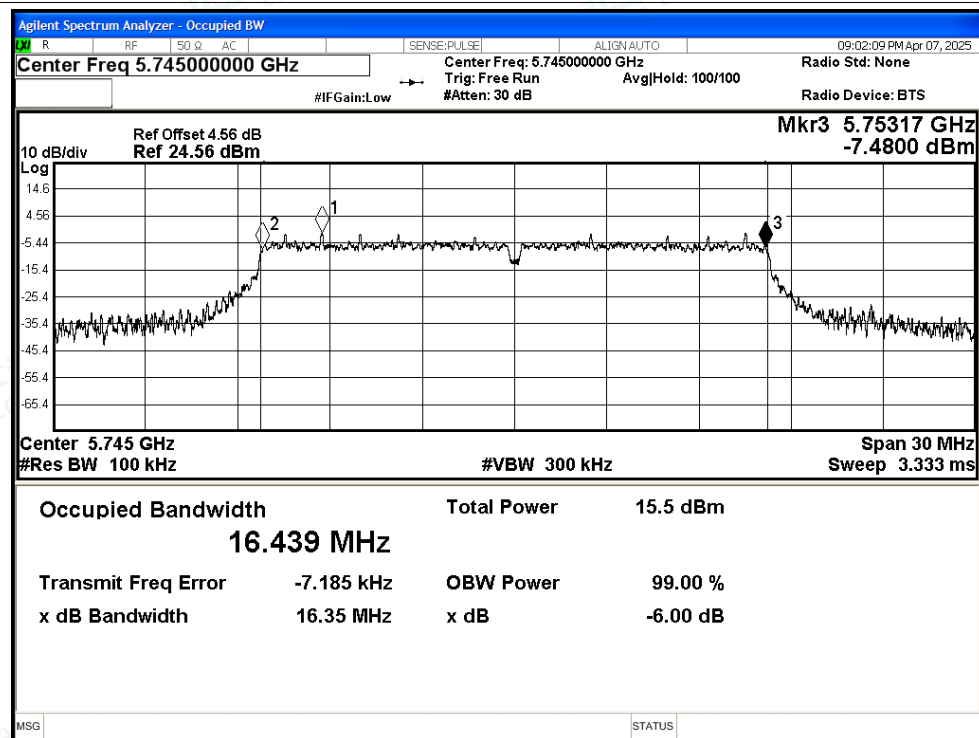
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.354                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.333                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.34                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.385                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.293                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.52                 | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36                    | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.904                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.373                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.428                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.262                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.137                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.716                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.311                | $\geq 0.5$                  | Pass    |



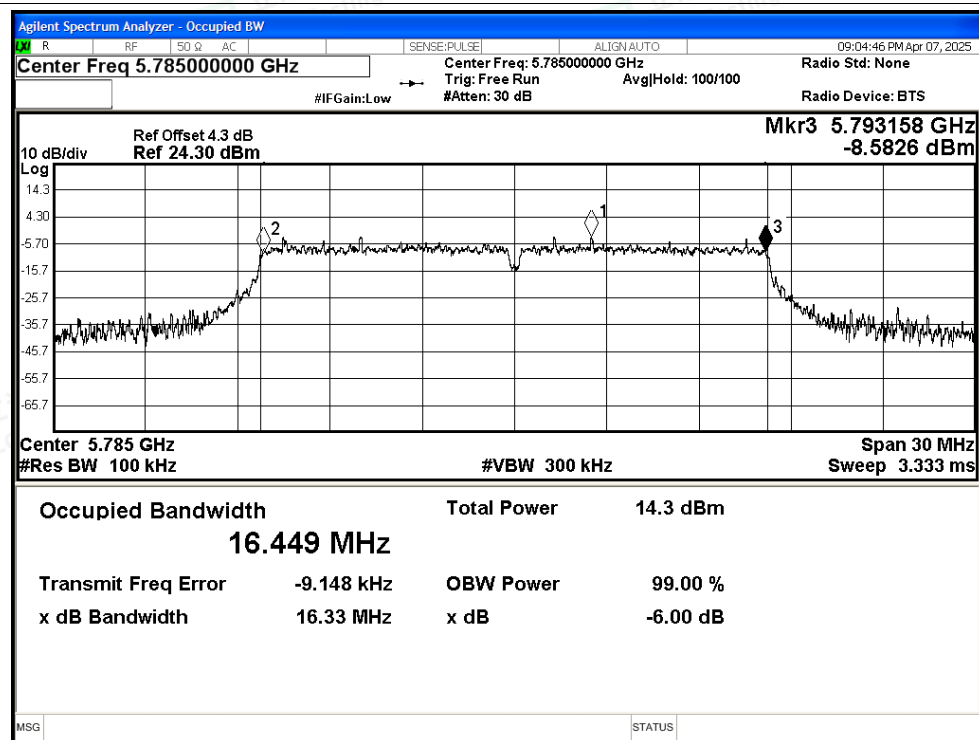


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



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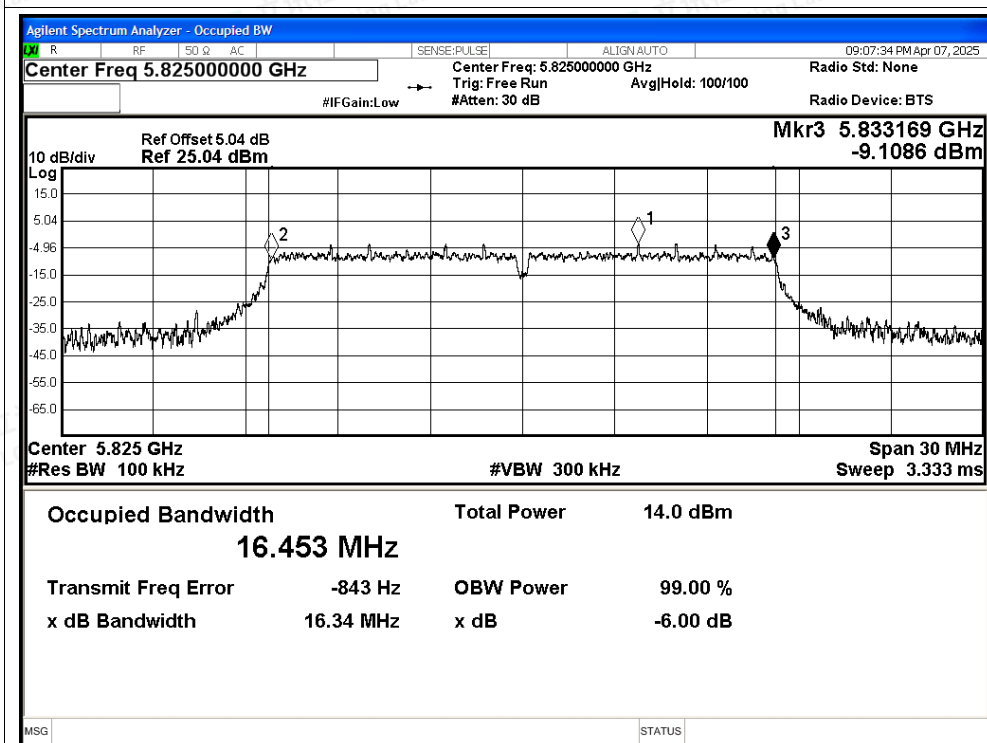
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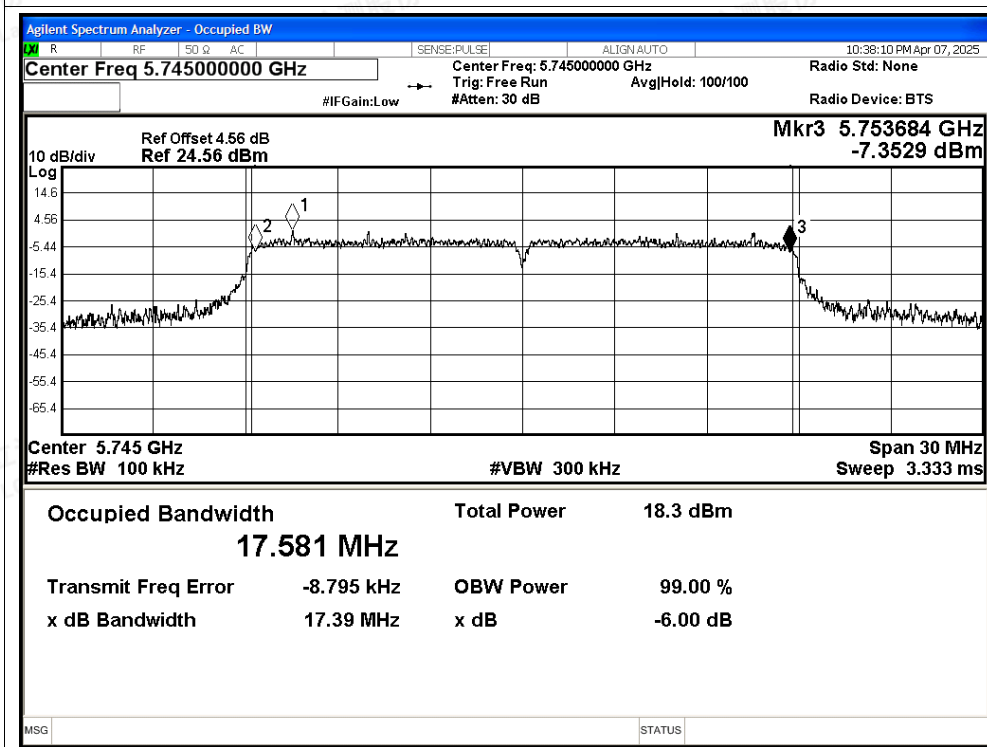
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## -6dB Bandwidth NVNT a 5825MHz Ant1



## -6dB Bandwidth NVNT n20 5745MHz Ant1



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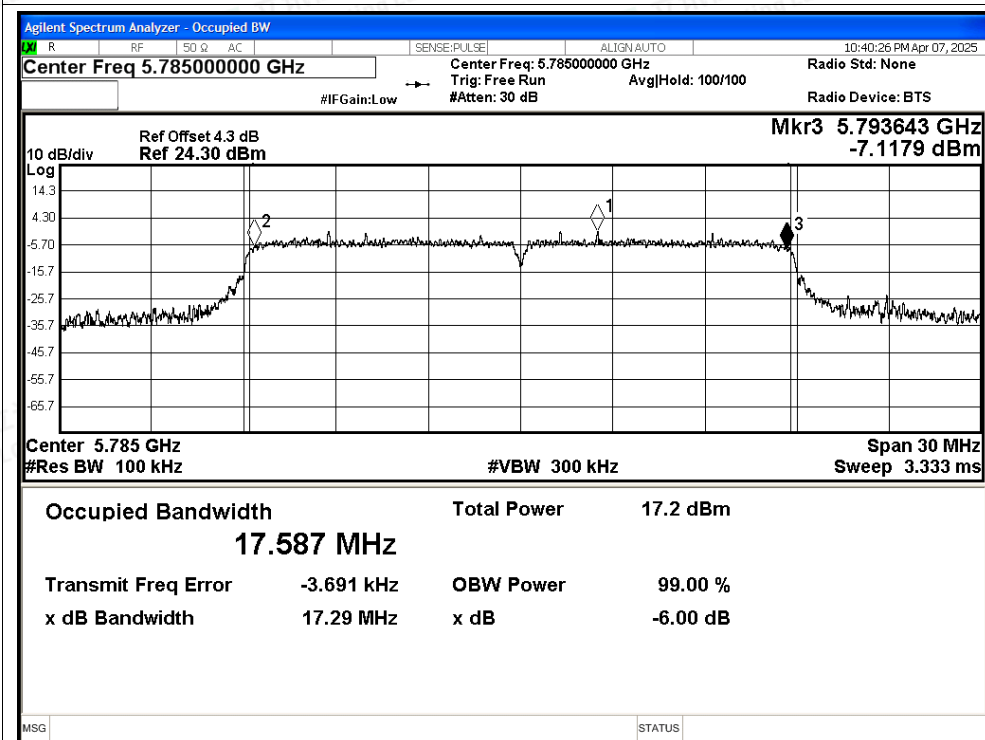
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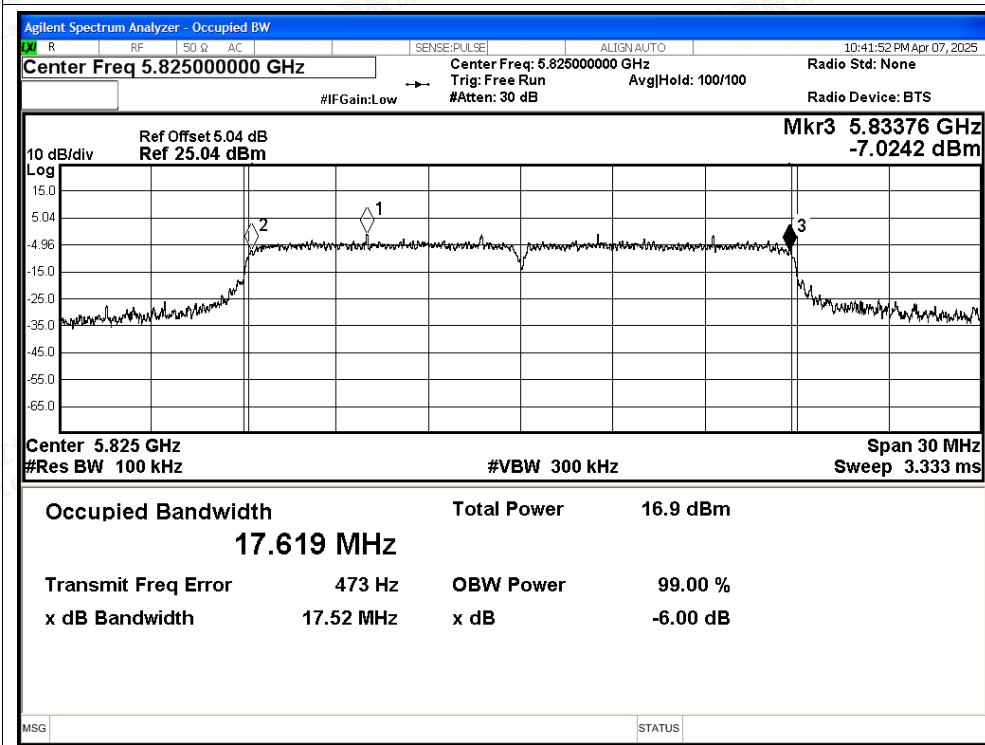
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## -6dB Bandwidth NVNT n20 5785MHz Ant1



## -6dB Bandwidth NVNT n20 5825MHz Ant1



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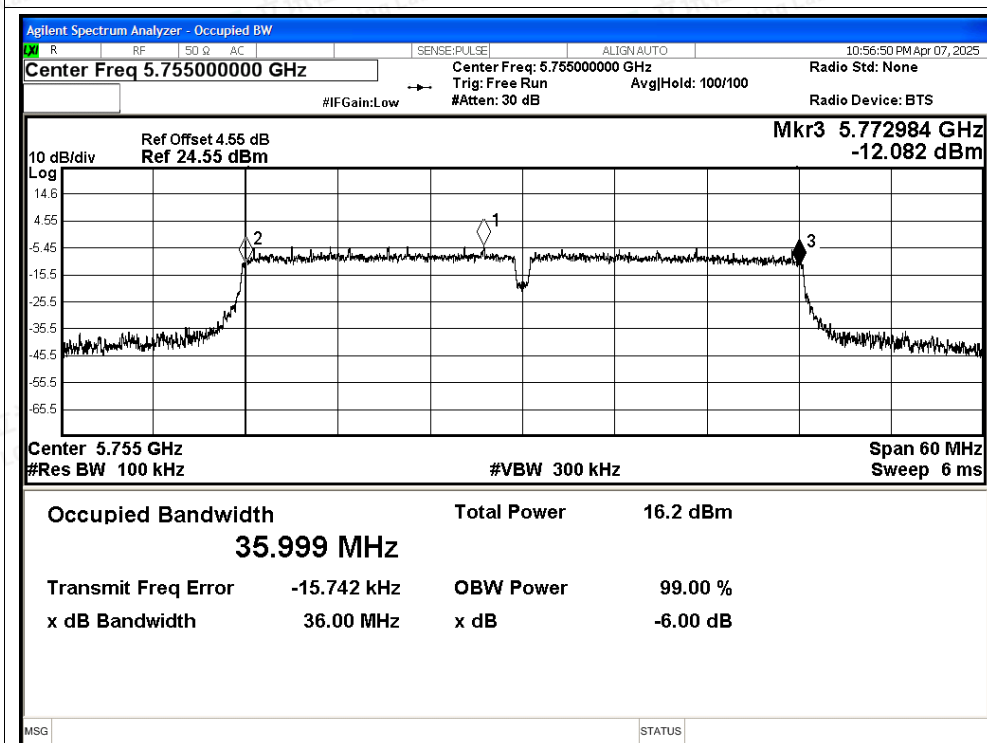
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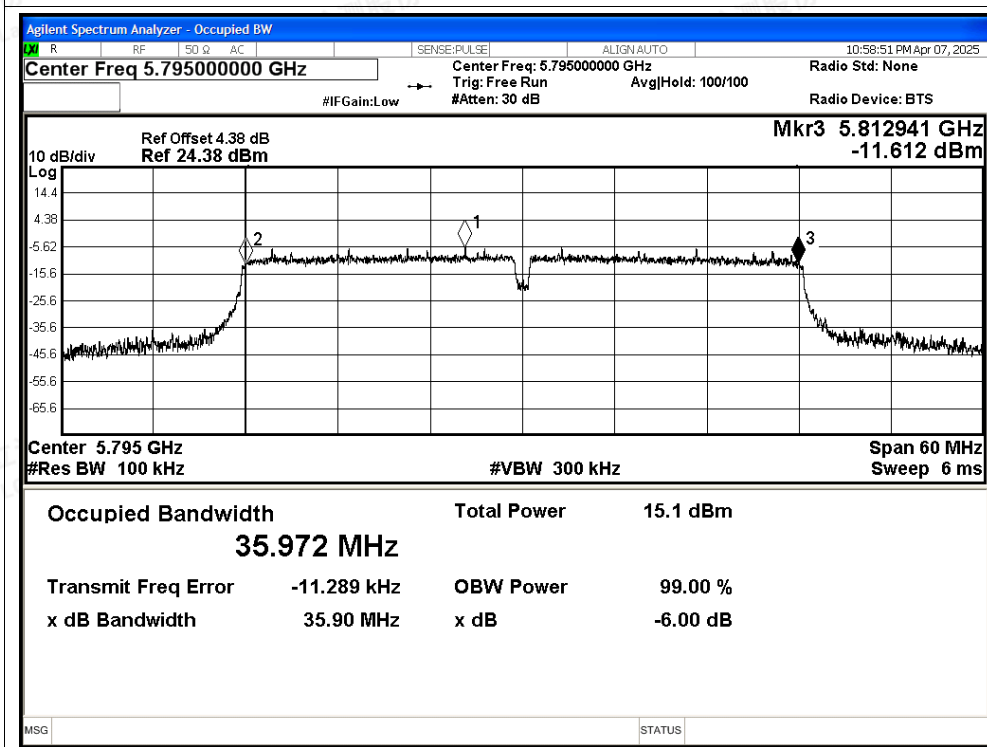
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-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



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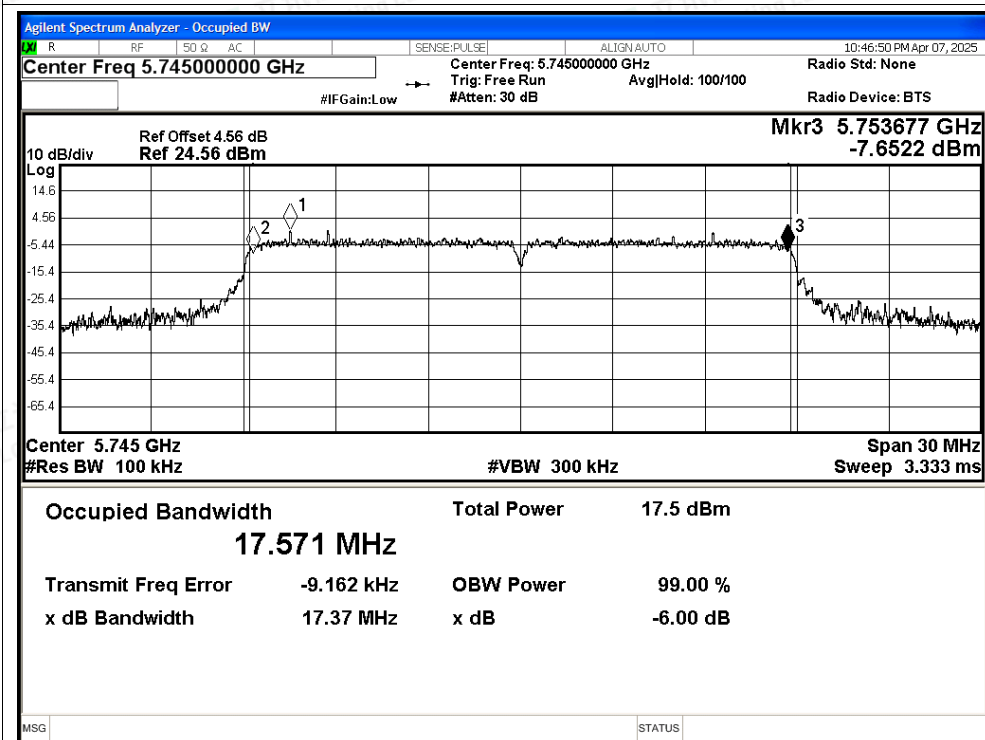
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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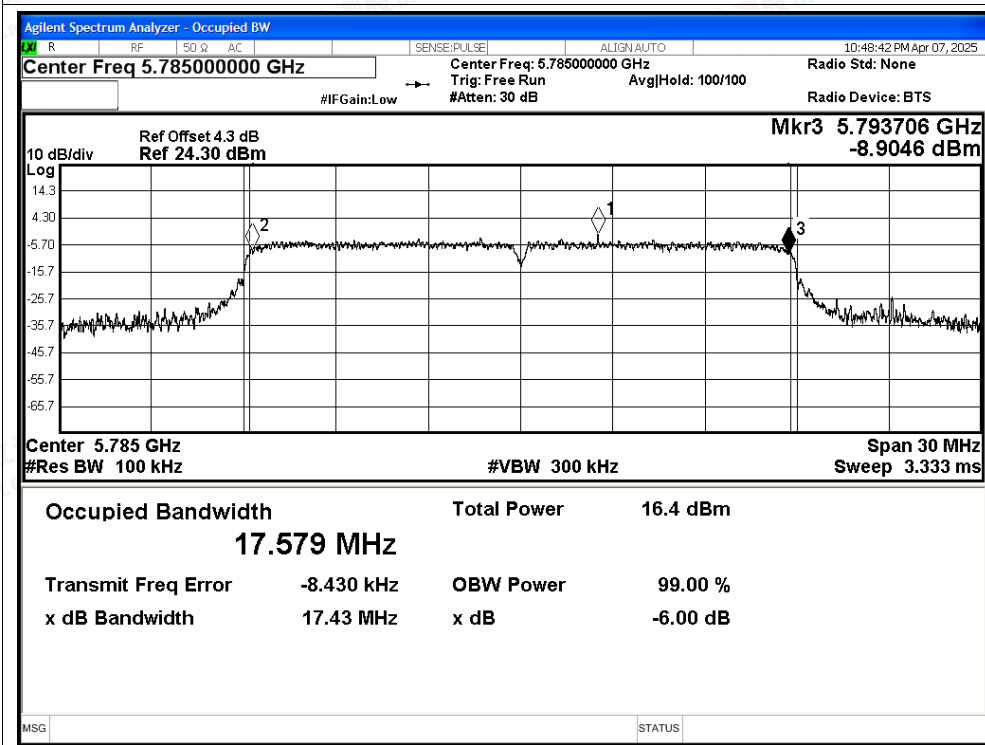
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## -6dB Bandwidth NVNT ac20 5745MHz Ant1



## -6dB Bandwidth NVNT ac20 5785MHz Ant1



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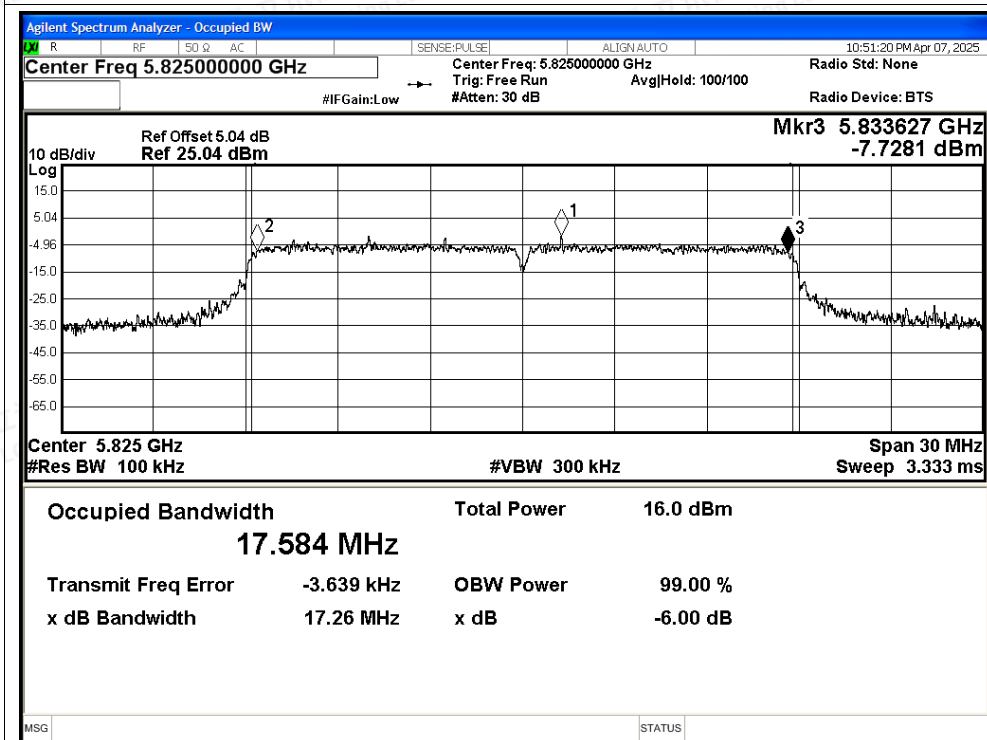
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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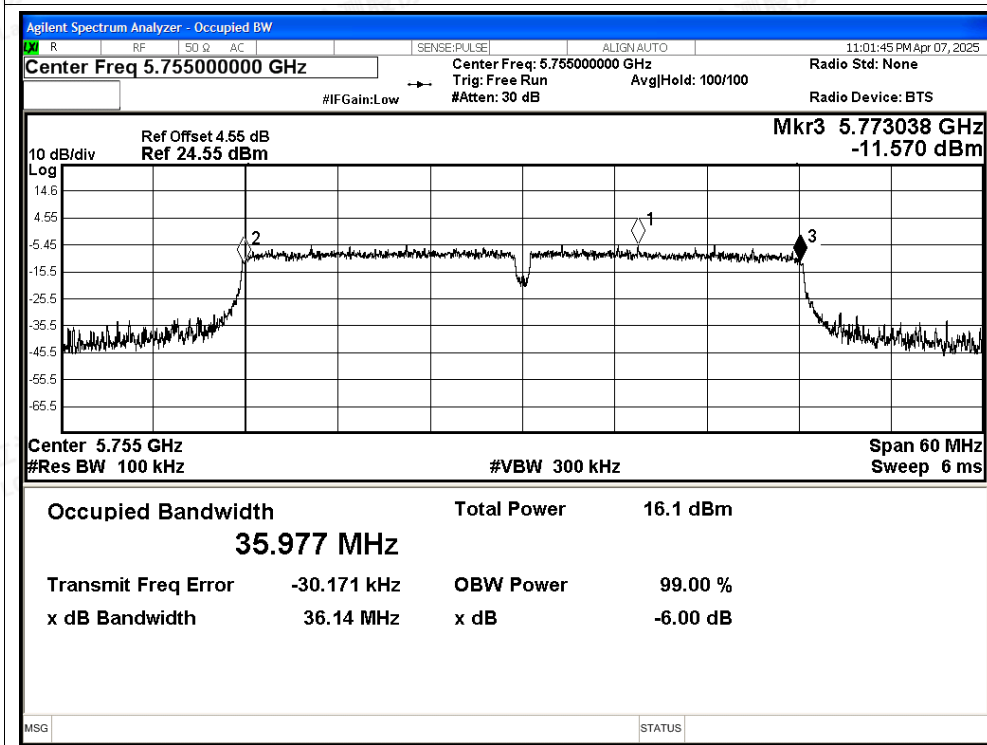
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## -6dB Bandwidth NVNT ac20 5825MHz Ant1



## -6dB Bandwidth NVNT ac40 5755MHz Ant1



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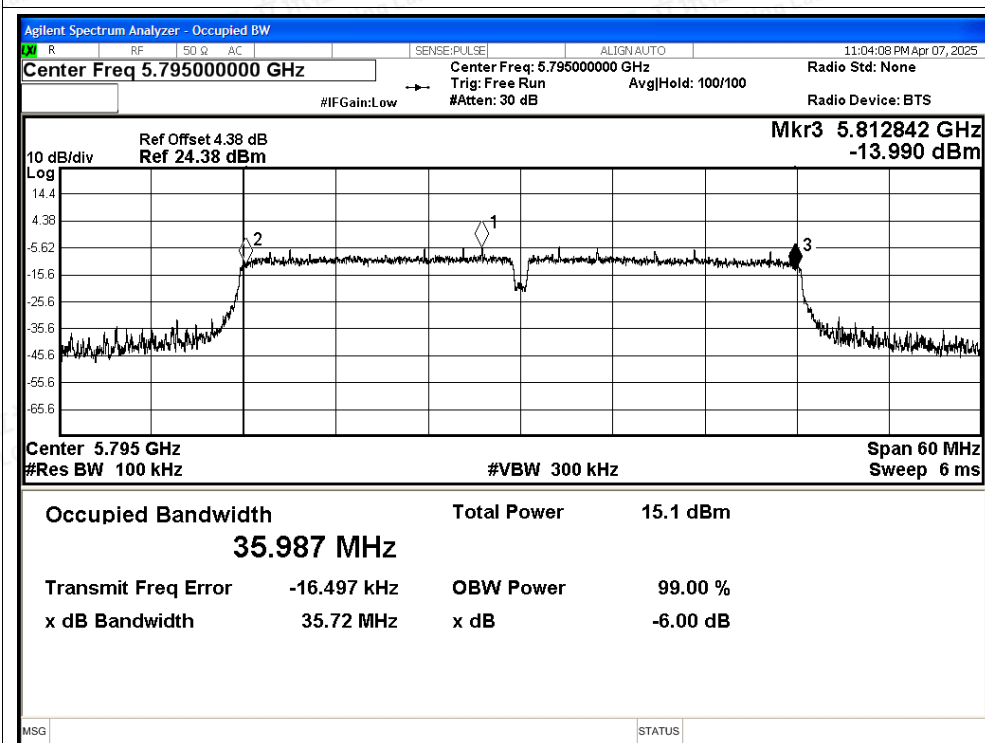
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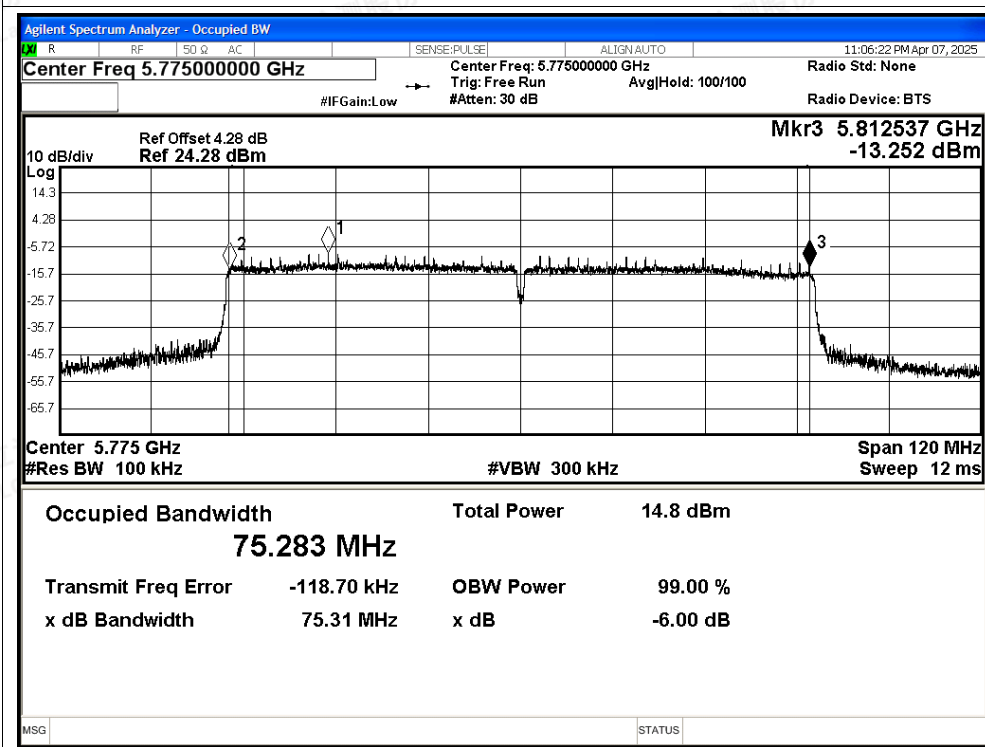




## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -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    | 11.87                 | 0.24             | 12.11             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.73                 | 0.24             | 10.97             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 10.38                 | 0.24             | 10.62             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 12.14                 | 0                | 12.14             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 11.1                  | 0                | 11.1              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 10.73                 | 0                | 10.73             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 9.76                  | 0.16             | 9.92              | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 8.56                  | 0.16             | 8.72              | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 11.43                 | 0                | 11.43             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.26                 | 0                | 10.26             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 10.75                 | 0                | 10.75             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 9.72                  | 0.16             | 9.88              | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 8.62                  | 0.16             | 8.78              | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 7.79                  | 0.33             | 8.12              | 30          | Pass    |



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### G.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | RB Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|----------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -4.01                      | 0.24             | -0.086         | -3.856                 | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant1    | -5.19                      | 0.24             | -0.086         | -5.036                 | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant1    | -5.57                      | 0.24             | -0.086         | -5.416                 | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -1.7                       | 0                | -0.086         | -1.786                 | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.81                      | 0                | -0.086         | -2.896                 | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -3.03                      | 0                | -0.086         | -3.116                 | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -6.96                      | 0.16             | -0.086         | -6.886                 | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -8.08                      | 0.16             | -0.086         | -8.006                 | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -2.25                      | 0                | -0.086         | -2.336                 | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -3.56                      | 0                | -0.086         | -3.646                 | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -3.77                      | 0                | -0.086         | -3.856                 | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -6.8                       | 0.16             | -0.086         | -6.726                 | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -8.17                      | 0.16             | -0.086         | -8.096                 | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -11.23                     | 0.33             | -0.086         | -10.986                | 30                 | Pass    |



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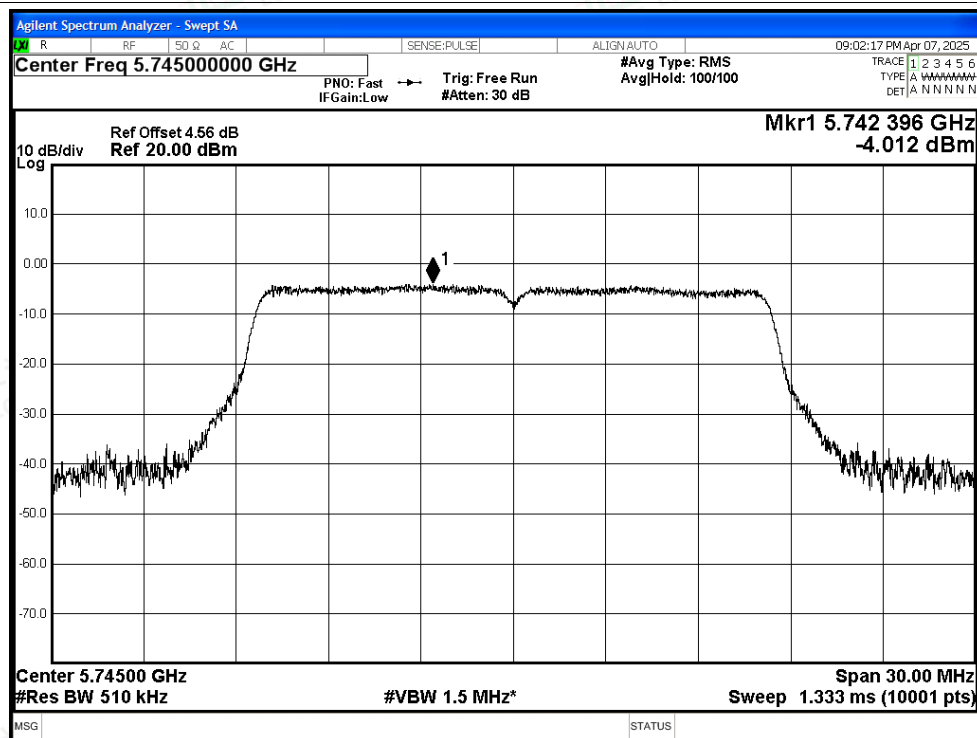
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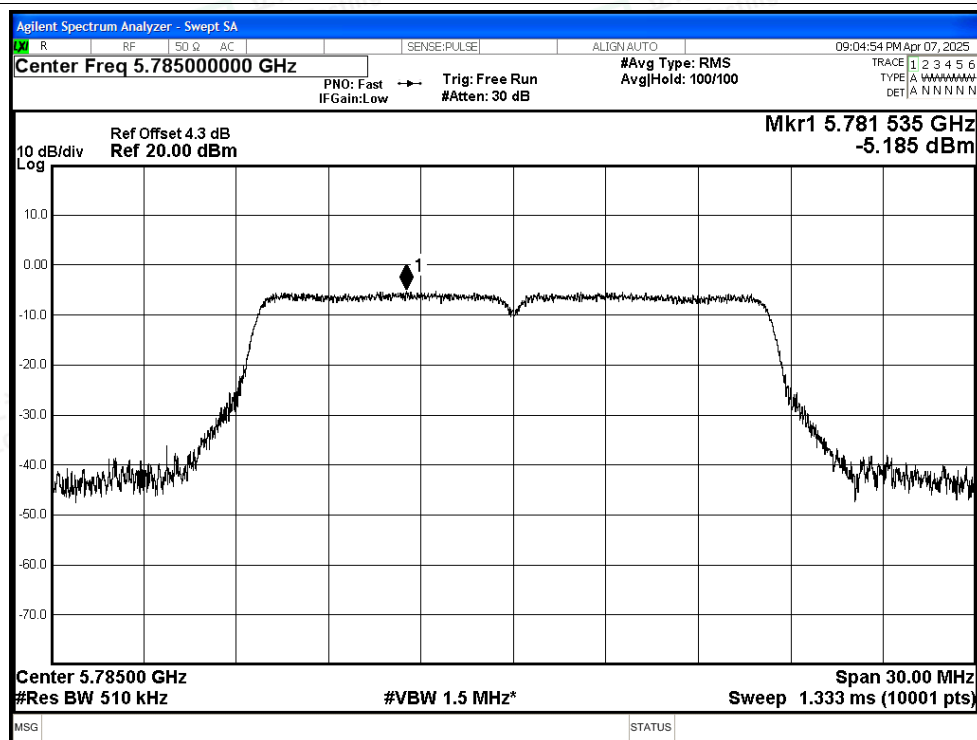


## Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



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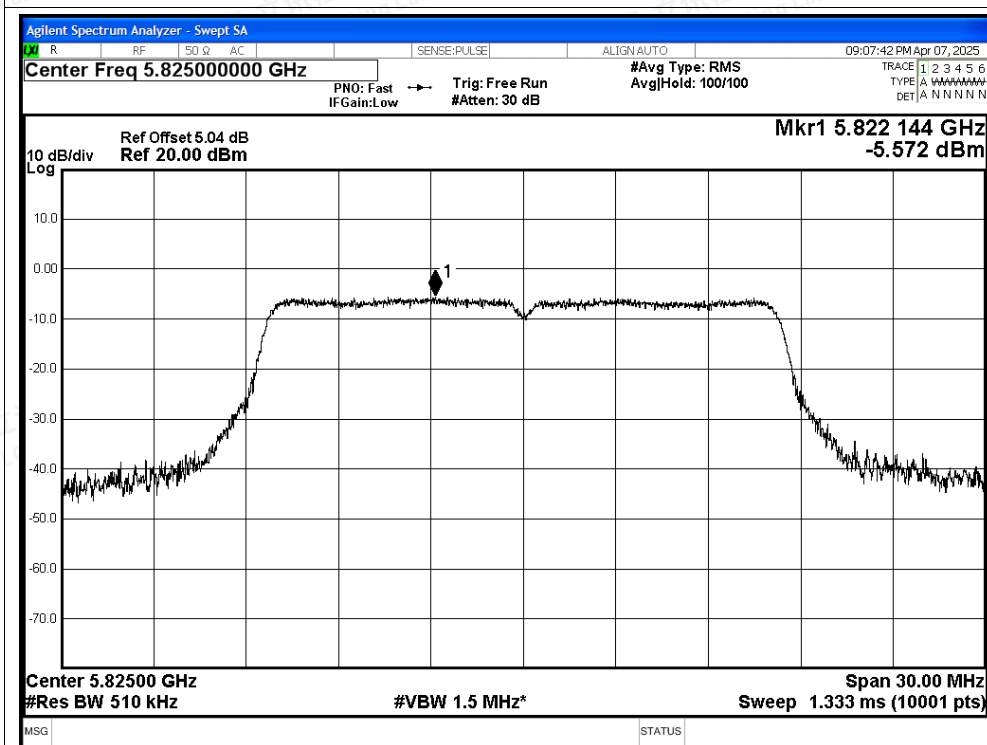
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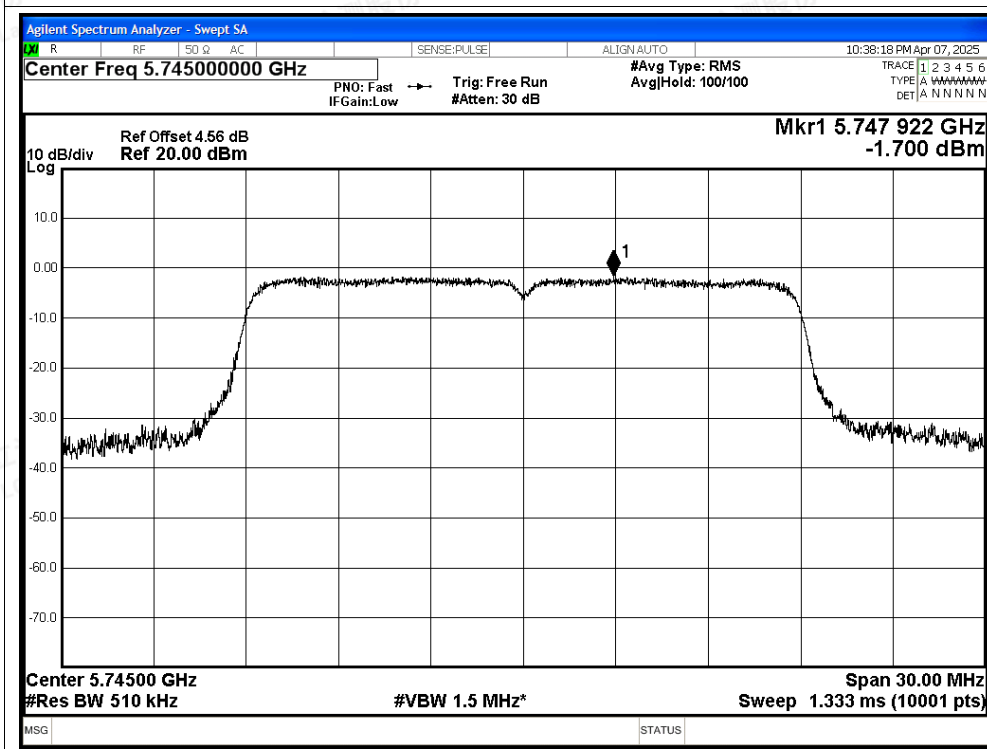
Scan code to check authenticity



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1

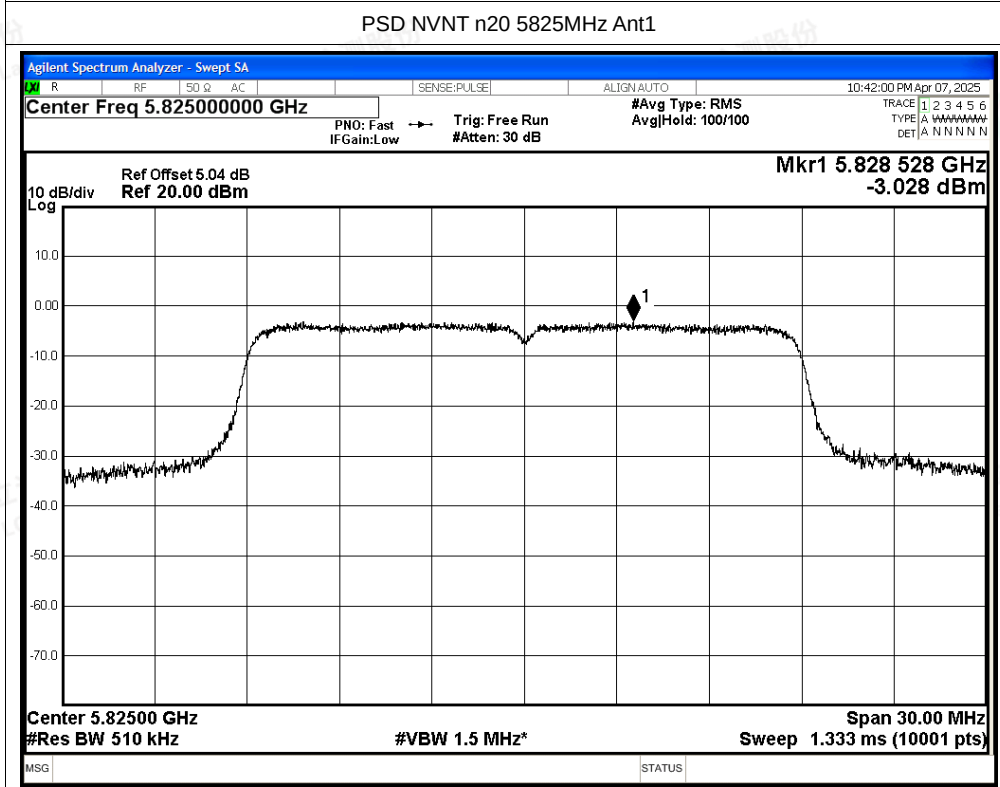
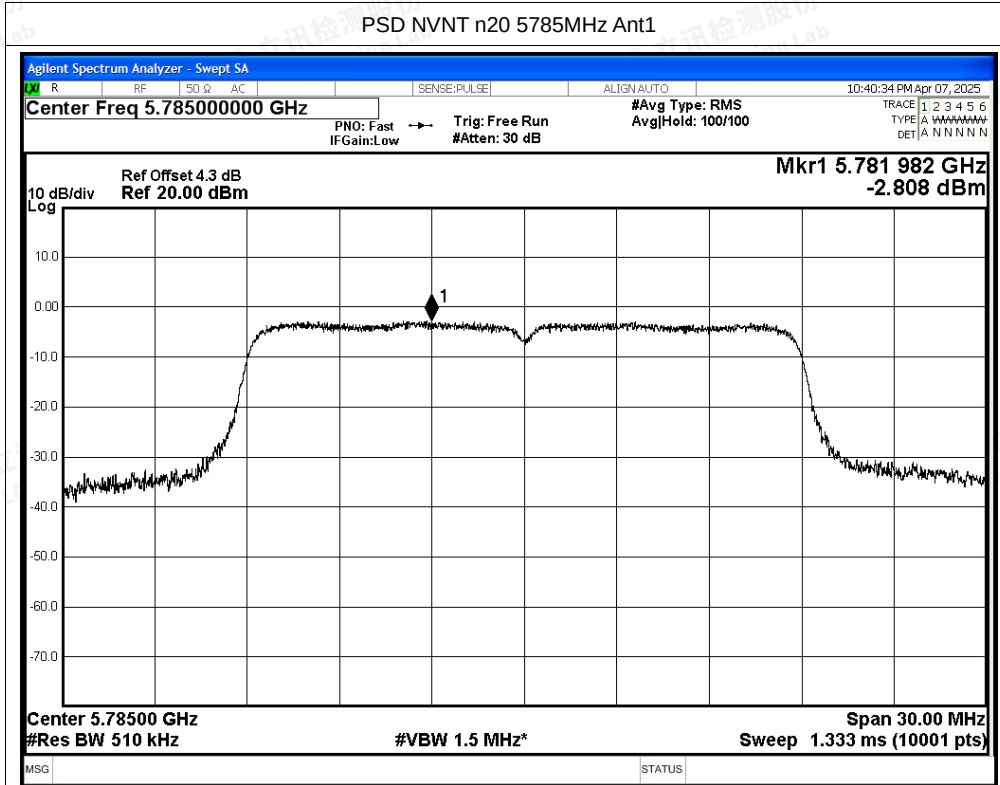


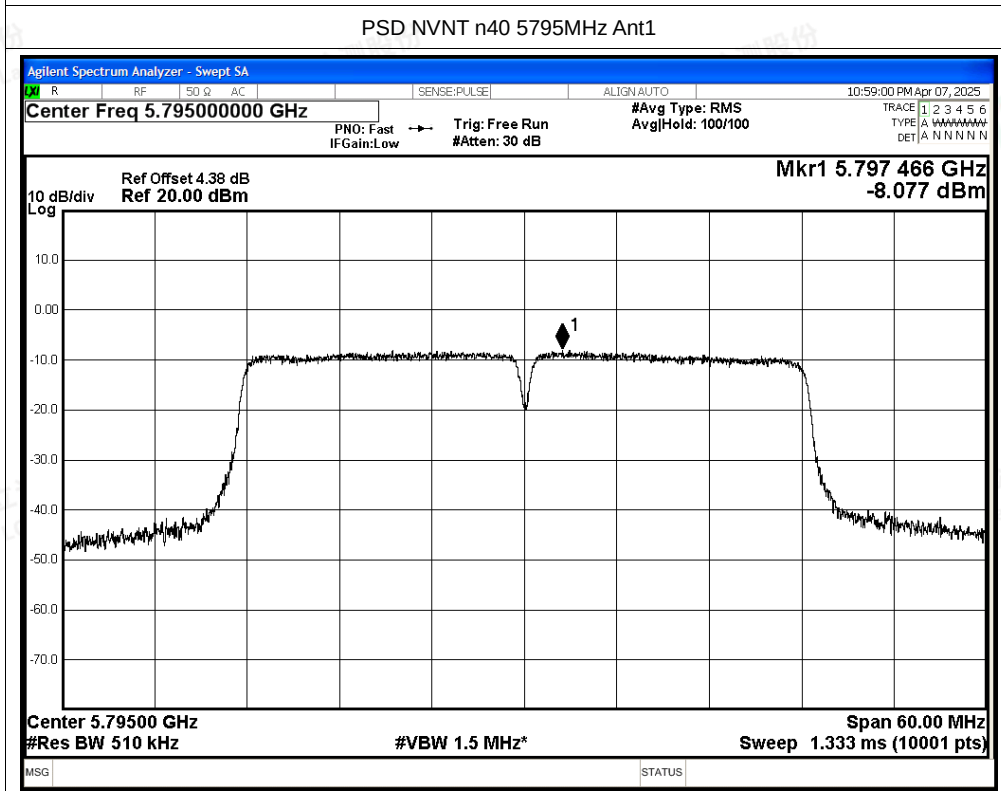
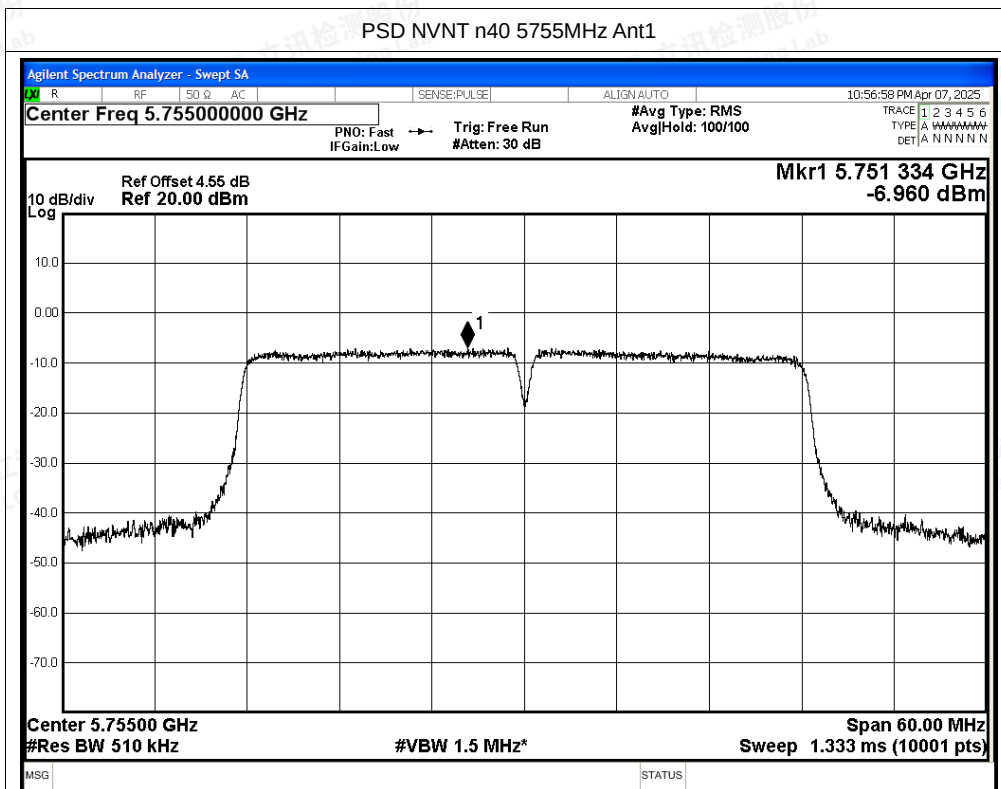
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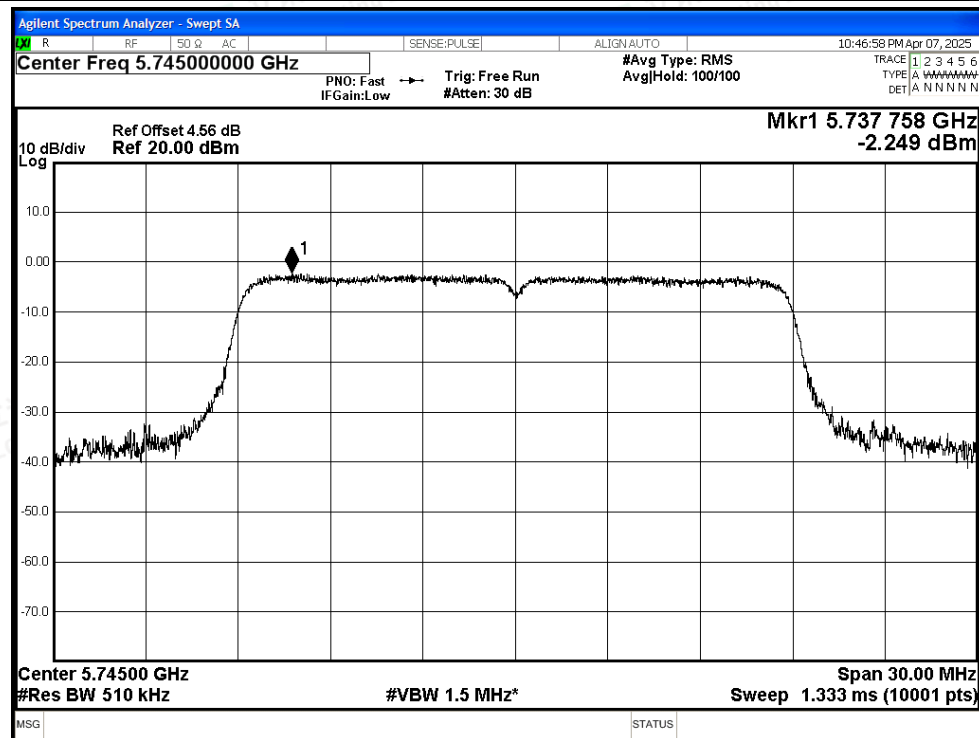
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

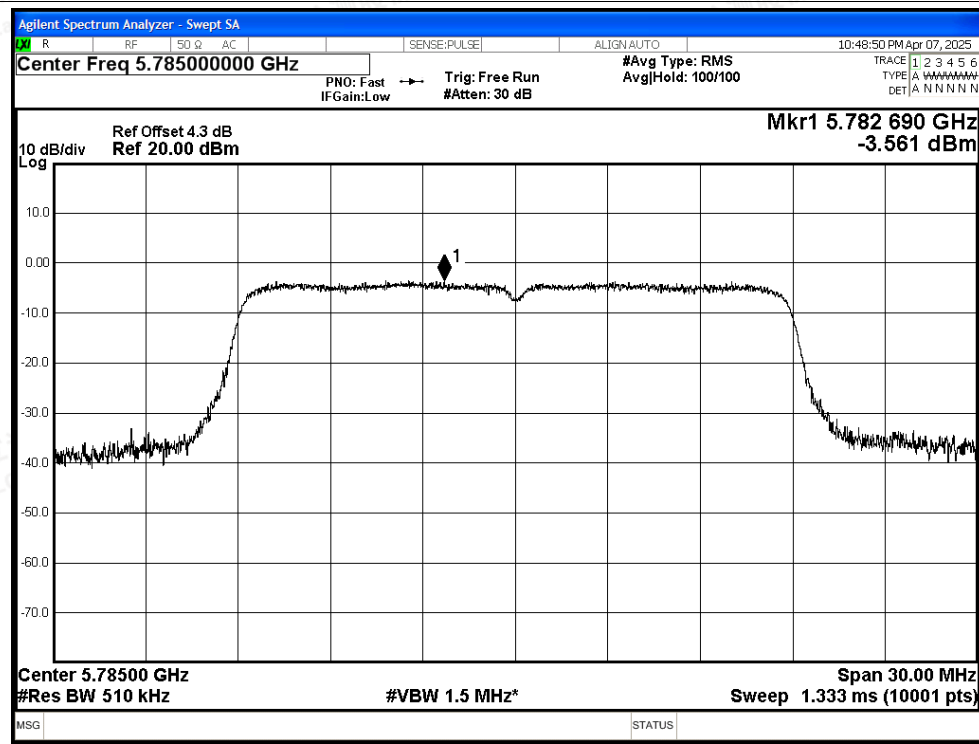
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## PSD NVNT ac20 5745MHz Ant1



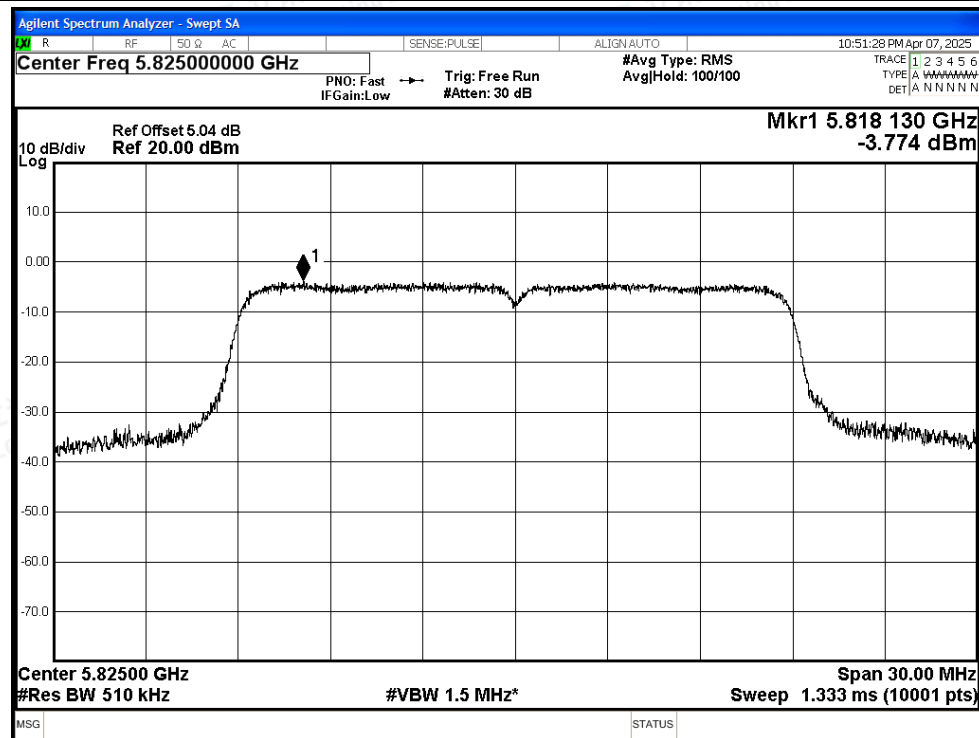
## PSD NVNT ac20 5785MHz Ant1



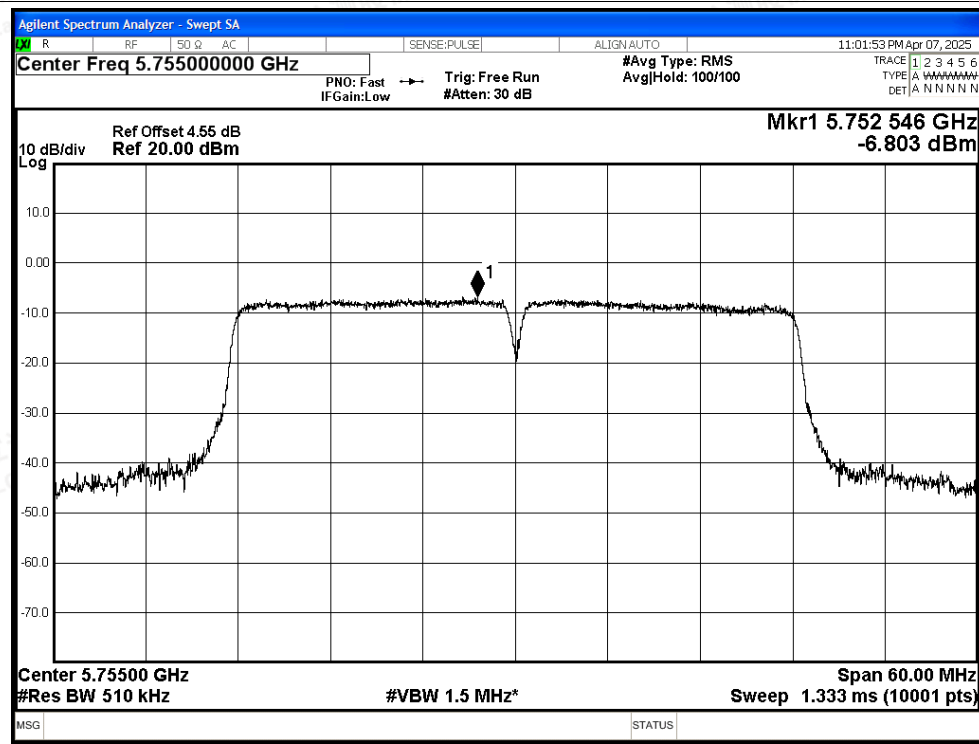


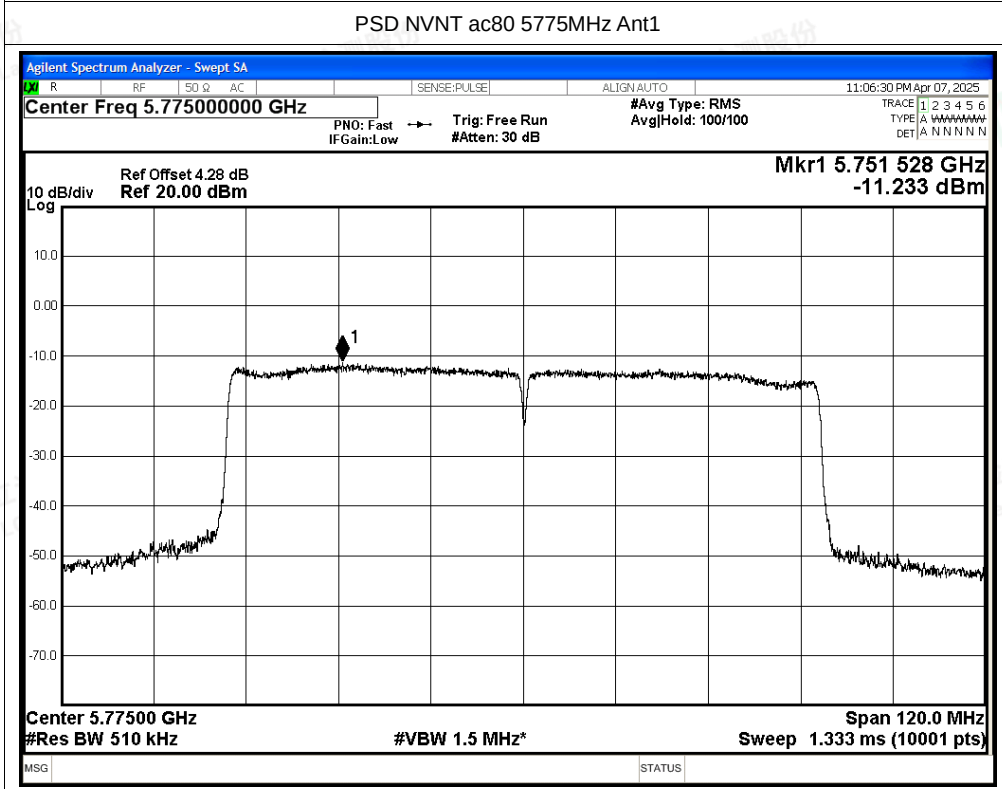
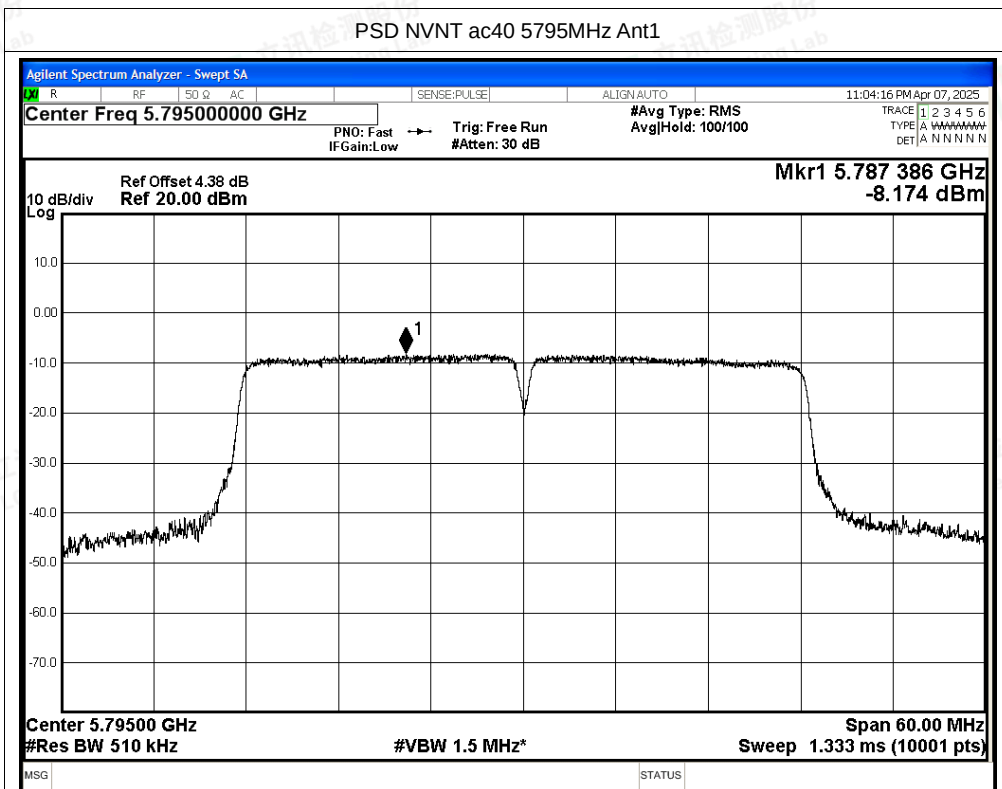


PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1





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## G.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | EIRP Power (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -46.89      | 2.57       | -                | -44.32           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -55.95      | 2.57       | 0.24             | -53.14           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -47.12      | 2.57       | -                | -44.55           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -54.98      | 2.57       | 0.24             | -52.17           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -37.28      | 2.57       | -                | -34.71           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -48.14      | 2.57       | 0.24             | -45.33           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -29.37      | 2.57       | -                | -26.80           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -42.19      | 2.57       | 0.24             | -39.38           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -39.17      | 2.57       | -                | -36.60           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -51.81      | 2.57       | 0.24             | -49.00           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -43.11      | 2.57       | -                | -40.54           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -54.39      | 2.57       | 0.24             | -51.58           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -47.9       | 2.57       | -                | -45.33           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -55.6       | 2.57       | 0.24             | -52.79           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -47.84      | 2.57       | -                | -45.27           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -55.26      | 2.57       | 0.24             | -52.45           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -47.55      | 2.57       | -                | -44.98           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -56.18      | 2.57       | 0                | -53.61           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -43.8       | 2.57       | -                | -41.23           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -53.37      | 2.57       | 0                | -50.80           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -32.24      | 2.57       | -                | -29.67           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -43.29      | 2.57       | 0                | -40.72           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -20.25      | 2.57       | -                | -17.68           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -37.96      | 2.57       | 0                | -35.39           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -31.14      | 2.57       | -                | -28.57           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -43.66      | 2.57       | 0                | -41.09           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -41.38      | 2.57       | -                | -38.81           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -50.82      | 2.57       | 0                | -48.25           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -46.62      | 2.57       | -                | -44.05           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -54.81      | 2.57       | 0                | -52.24           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -46.4       | 2.57       | -                | -43.83           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -55.07      | 2.57       | 0                | -52.50           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -47.32      | 2.57       | -                | -44.75           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -56.02      | 2.57       | 0.16             | -53.29           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -42.79      | 2.57       | -                | -40.22           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -51.74      | 2.57       | 0.16             | -49.01           | Average  | 10          | Pass    |



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|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5720 | -26.39 | 2.57 | -    | -23.82 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5720 | -44.84 | 2.57 | 0.16 | -42.11 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -28.59 | 2.57 | -    | -26.02 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -42    | 2.57 | 0.16 | -39.27 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -46.93 | 2.57 | -    | -44.36 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -54.52 | 2.57 | 0.16 | -51.79 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -45.63 | 2.57 | -    | -43.06 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -55.19 | 2.57 | 0.16 | -52.46 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -48.31 | 2.57 | -    | -45.74 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -56.45 | 2.57 | 0.16 | -53.72 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -49.73 | 2.57 | -    | -47.16 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -56.43 | 2.57 | 0.16 | -53.70 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -46.37 | 2.57 | -    | -43.80 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -55.88 | 2.57 | 0    | -53.31 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -44.71 | 2.57 | -    | -42.14 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.18 | 2.57 | 0    | -51.61 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -34.98 | 2.57 | -    | -32.41 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -44.25 | 2.57 | 0    | -41.68 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -27.49 | 2.57 | -    | -24.92 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -36.89 | 2.57 | 0    | -34.32 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -32.78 | 2.57 | -    | -30.21 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -46.49 | 2.57 | 0    | -43.92 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -41.69 | 2.57 | -    | -39.12 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -51.75 | 2.57 | 0    | -49.18 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -48.46 | 2.57 | -    | -45.89 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -55.19 | 2.57 | 0    | -52.62 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -46.05 | 2.57 | -    | -43.48 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -54.97 | 2.57 | 0    | -52.40 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -47.57 | 2.57 | -    | -45.00 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -55.56 | 2.57 | 0.16 | -52.83 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -44.65 | 2.57 | -    | -42.08 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -52.17 | 2.57 | 0.16 | -49.44 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -35.14 | 2.57 | -    | -32.57 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -45.73 | 2.57 | 0.16 | -43.00 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -29.35 | 2.57 | -    | -26.78 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -41.79 | 2.57 | 0.16 | -39.06 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -47.73 | 2.57 | -    | -45.16 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -54.78 | 2.57 | 0.16 | -52.05 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -46.63 | 2.57 | -    | -44.06 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -54.85 | 2.57 | 0.16 | -52.12 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -48.59 | 2.57 | -    | -46.02 | Peak    | 10   | Pass |



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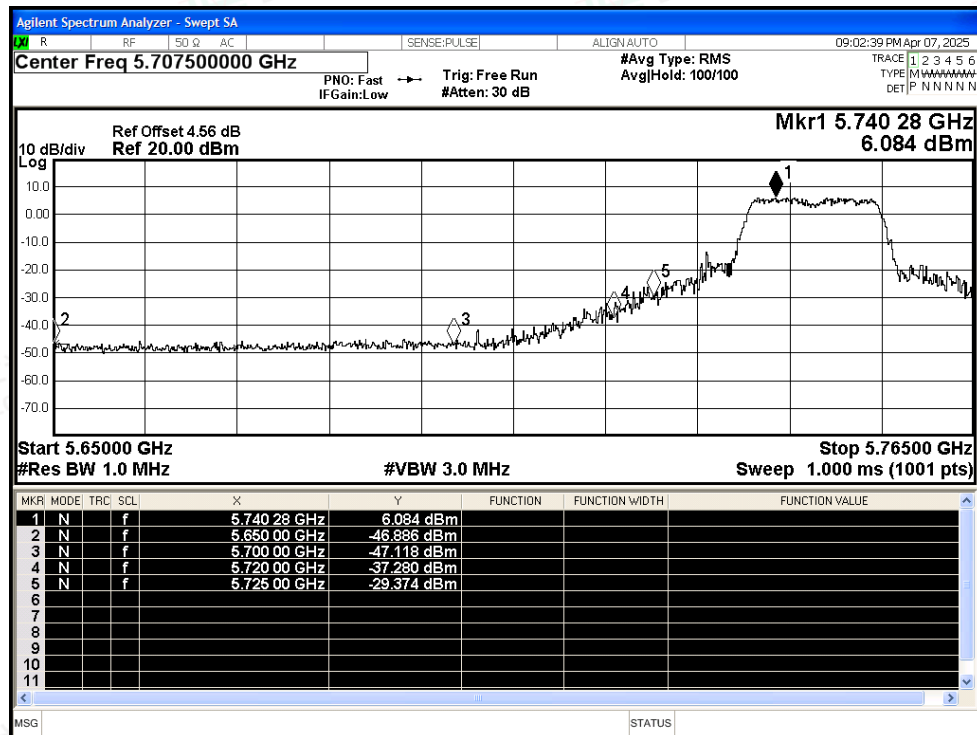
|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5875 | -56.53 | 2.57 | 0.16 | -53.80 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -48.41 | 2.57 | -    | -45.84 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -56.42 | 2.57 | 0.16 | -53.69 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -46.93 | 2.57 | -    | -44.36 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -55.18 | 2.57 | 0.33 | -52.28 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -42.1  | 2.57 | -    | -39.53 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -50.66 | 2.57 | 0.33 | -47.76 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -39.34 | 2.57 | -    | -36.77 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -48.54 | 2.57 | 0.33 | -45.64 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -33.54 | 2.57 | -    | -30.97 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -47.31 | 2.57 | 0.33 | -44.41 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -42.46 | 2.57 | -    | -39.89 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -51.23 | 2.57 | 0.33 | -48.33 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -41.66 | 2.57 | -    | -39.09 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -51.97 | 2.57 | 0.33 | -49.07 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -46.33 | 2.57 | -    | -43.76 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -54.71 | 2.57 | 0.33 | -51.81 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -48.8  | 2.57 | -    | -46.23 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -56.02 | 2.57 | 0.33 | -53.12 | Average | -27  | Pass |



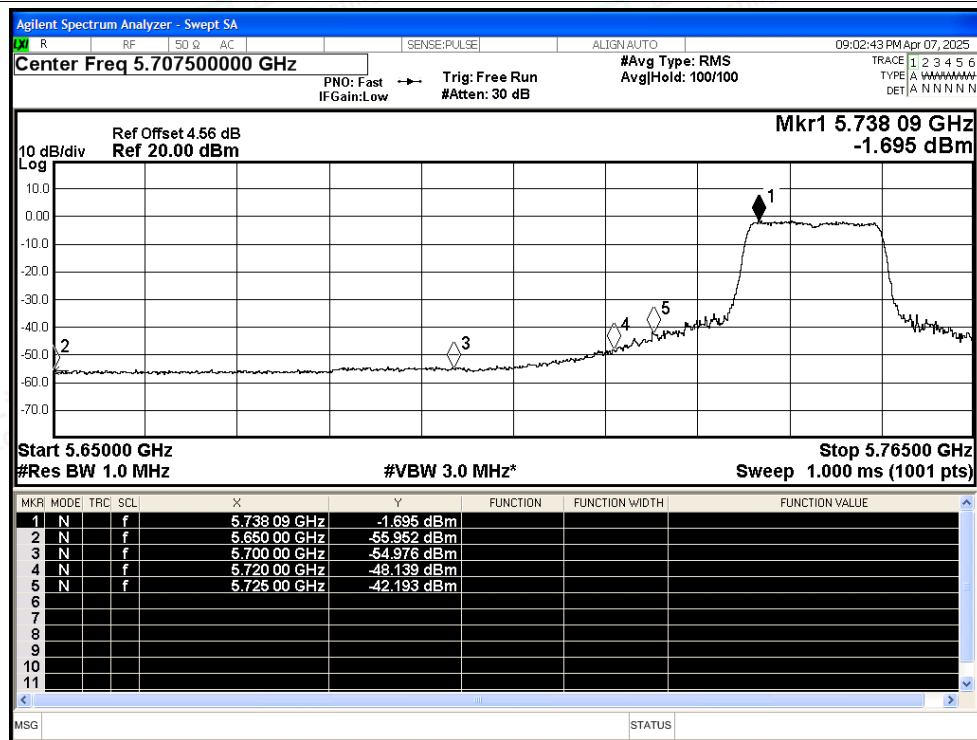


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant1 Peak



## Restrict Band NVNT a 5745MHz Ant1 Average



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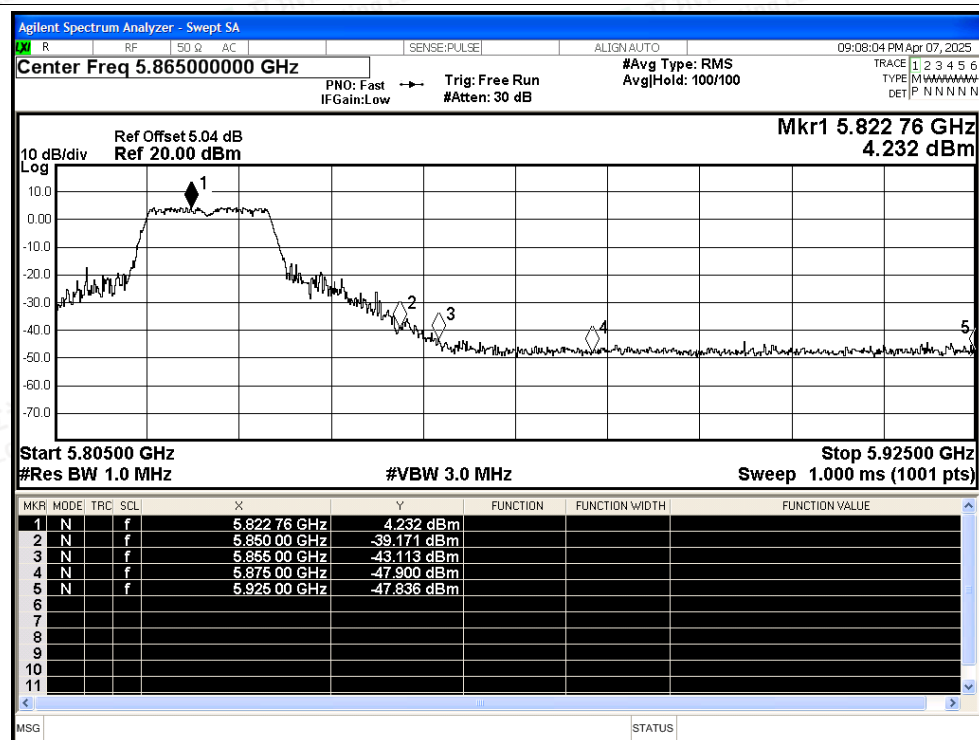
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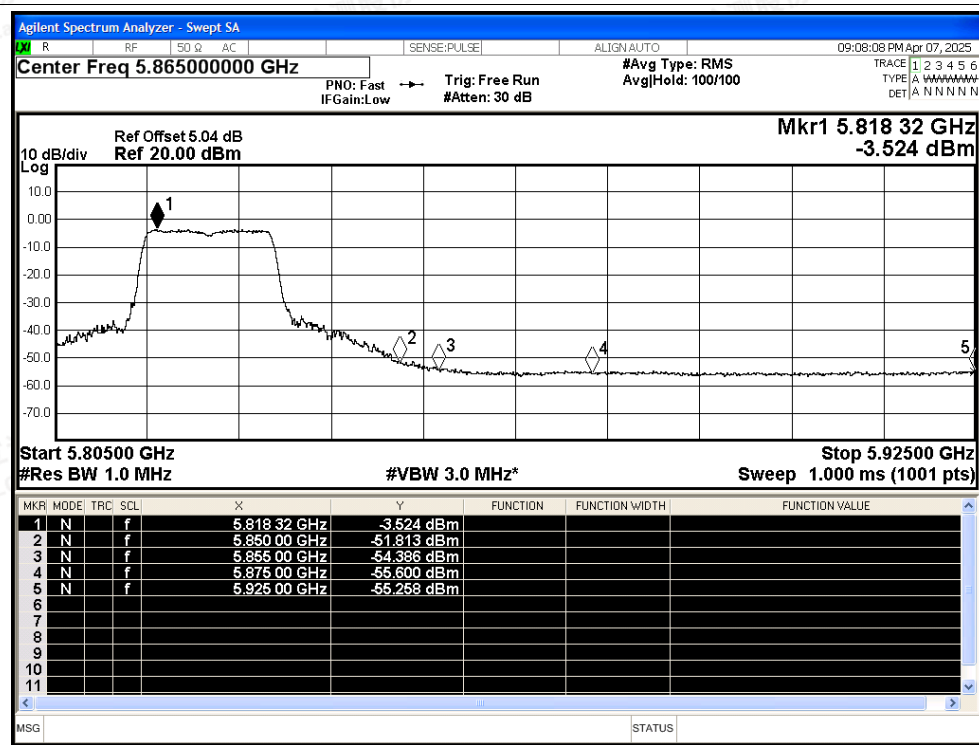
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## Restrict Band NVNT a 5825MHz Ant1 Peak



## Restrict Band NVNT a 5825MHz Ant1 Average



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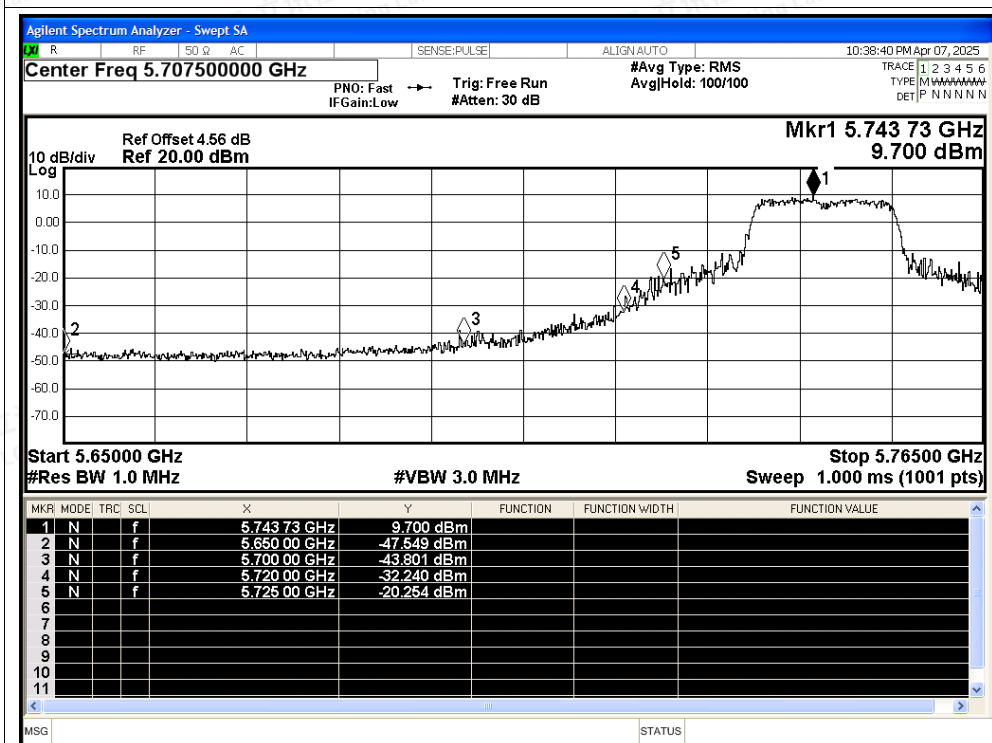
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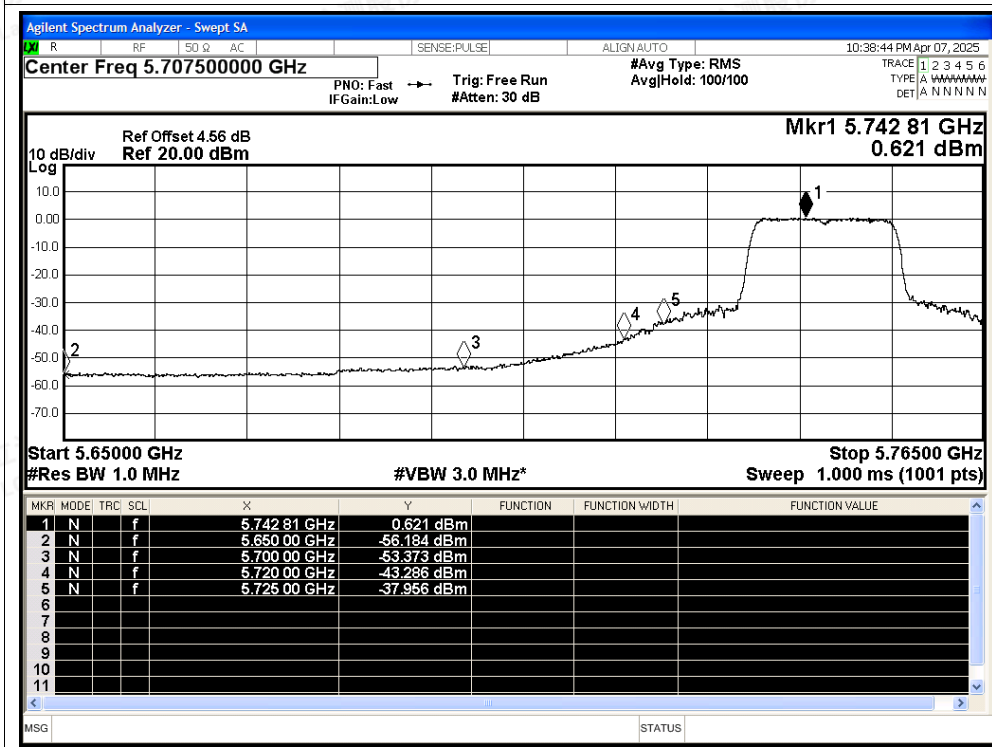




## Restrict Band NVNT n20 5745MHz Ant1 Peak



## Restrict Band NVNT n20 5745MHz Ant1 Average



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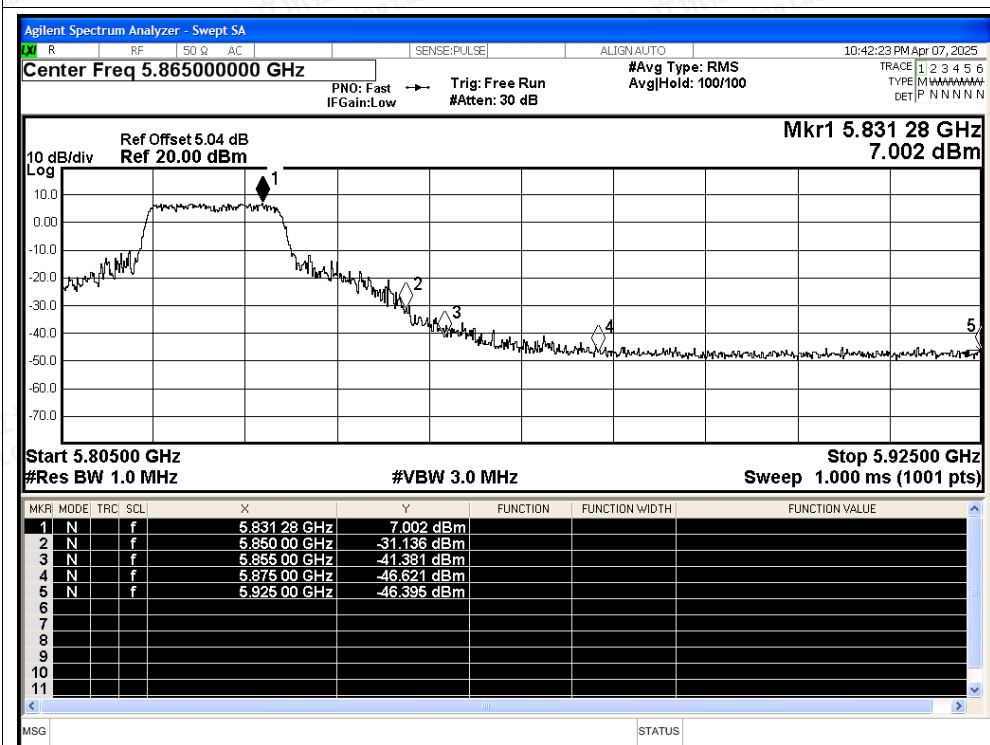
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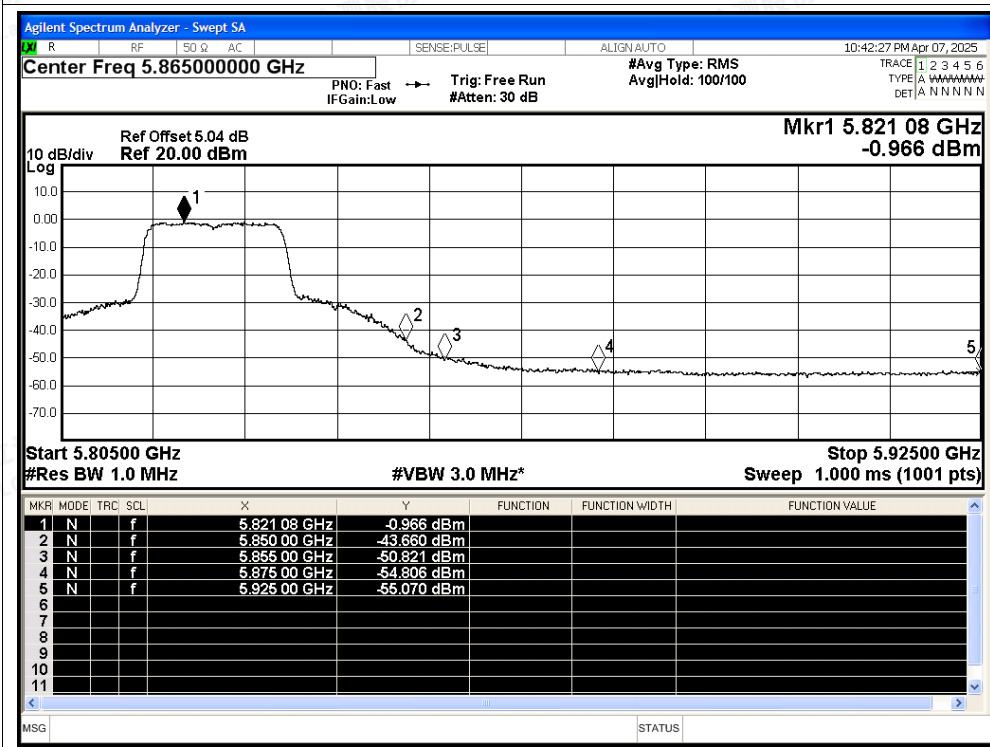




## Restrict Band NVNT n20 5825MHz Ant1 Peak



## Restrict Band NVNT n20 5825MHz Ant1 Average



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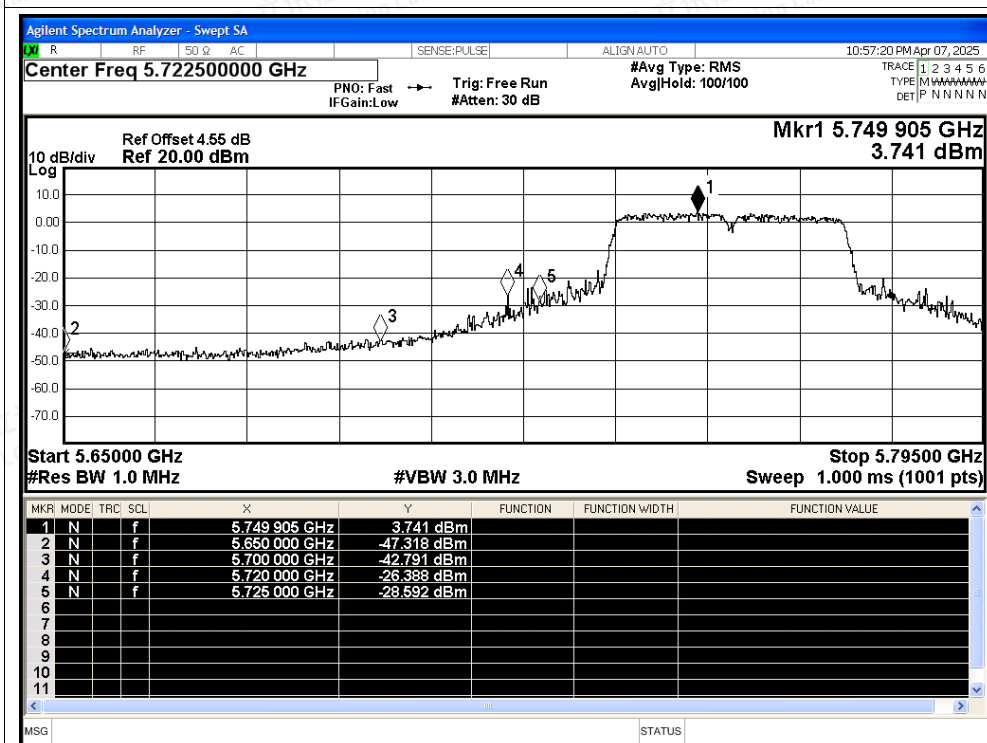
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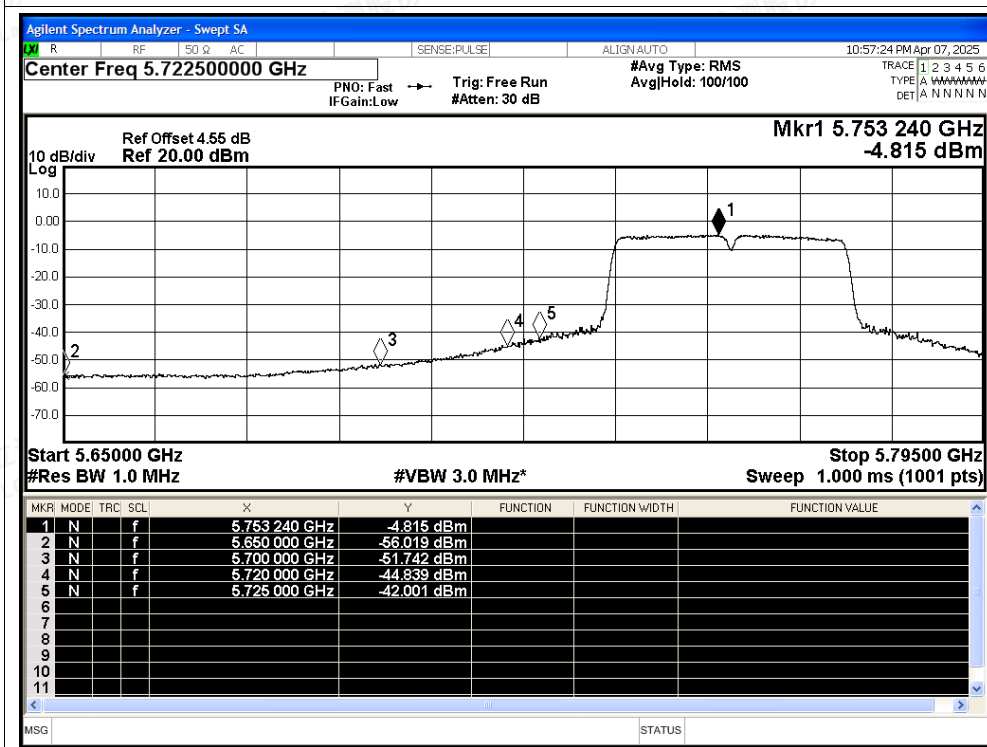
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## Restrict Band NVNT n40 5755MHz Ant1 Peak



## Restrict Band NVNT n40 5755MHz Ant1 Average



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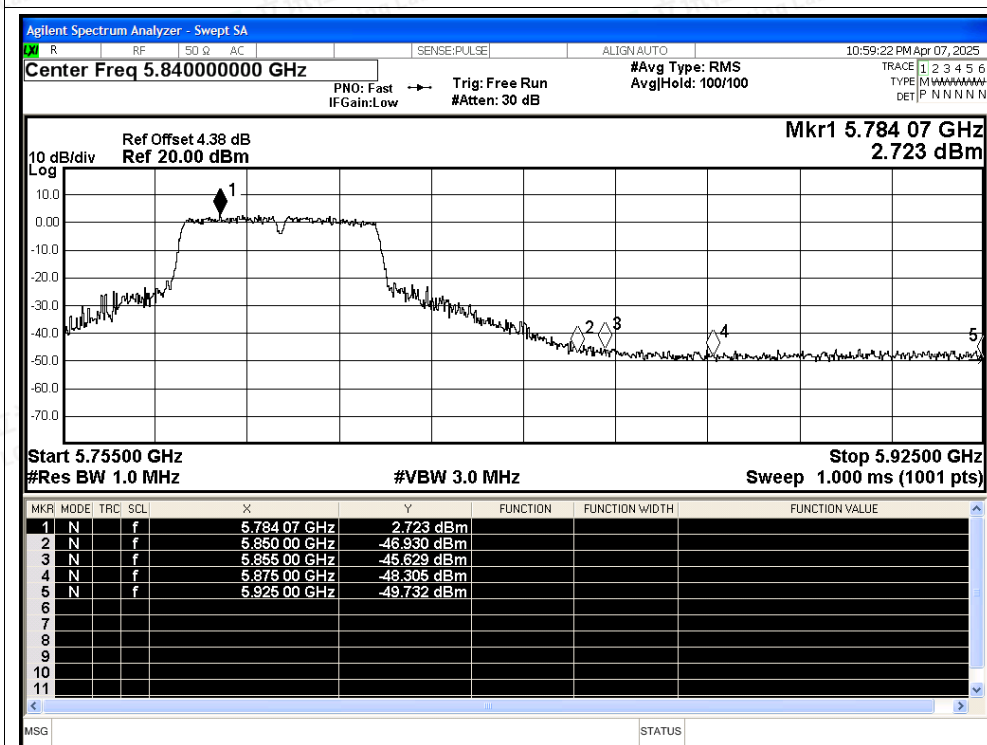
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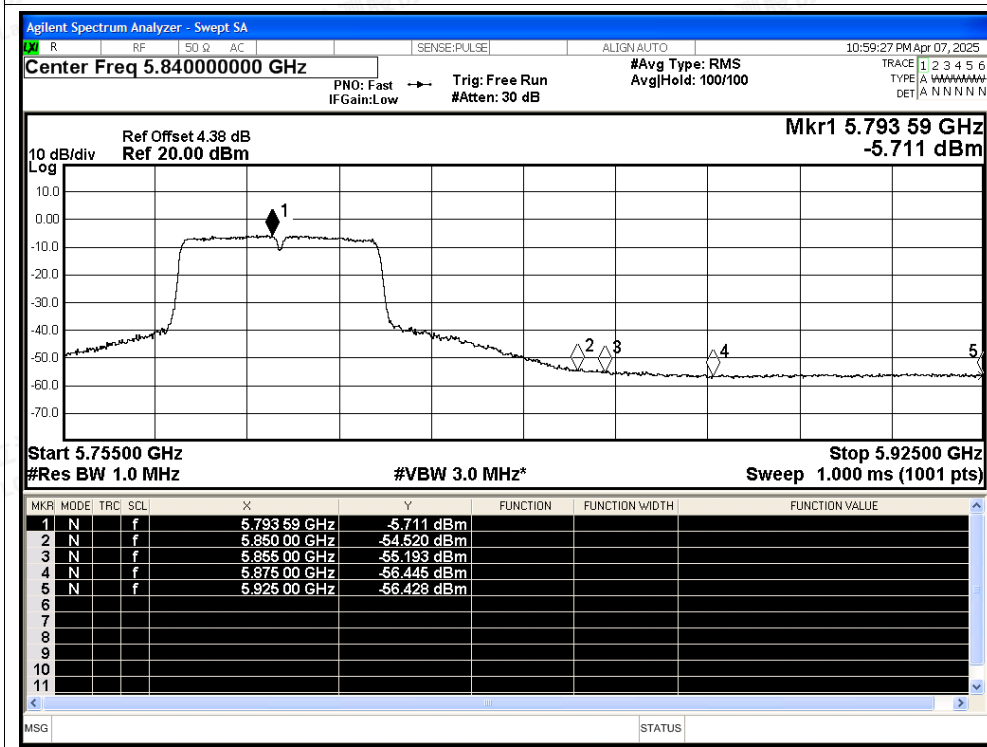
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

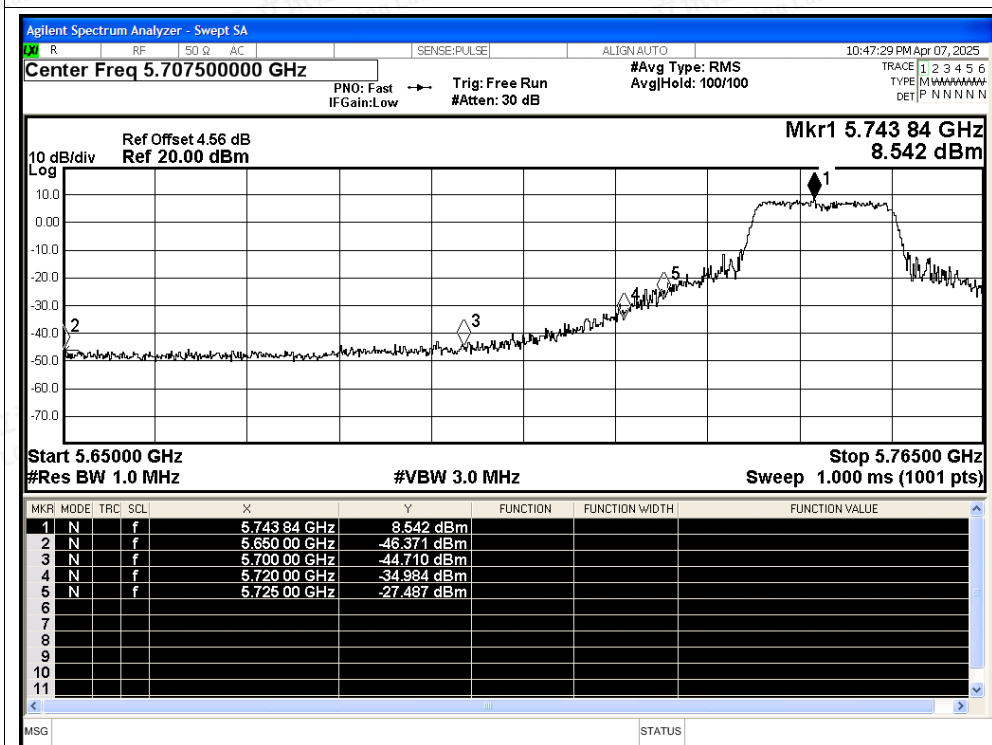
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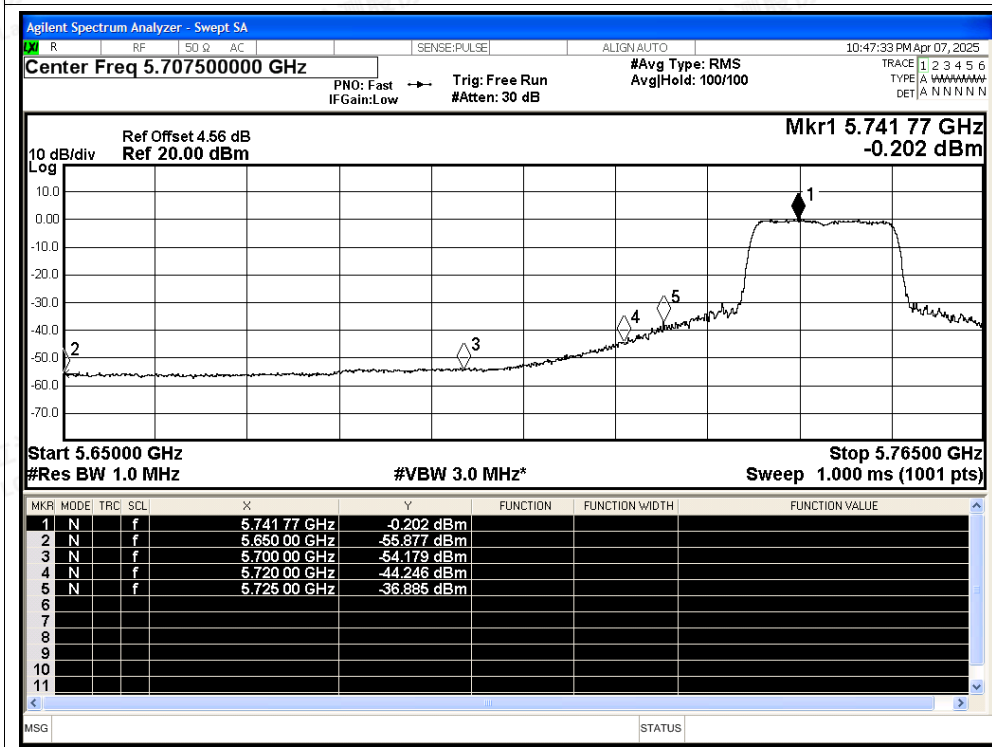
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## Restrict Band NVNT ac20 5745MHz Ant1 Peak



## Restrict Band NVNT ac20 5745MHz Ant1 Average



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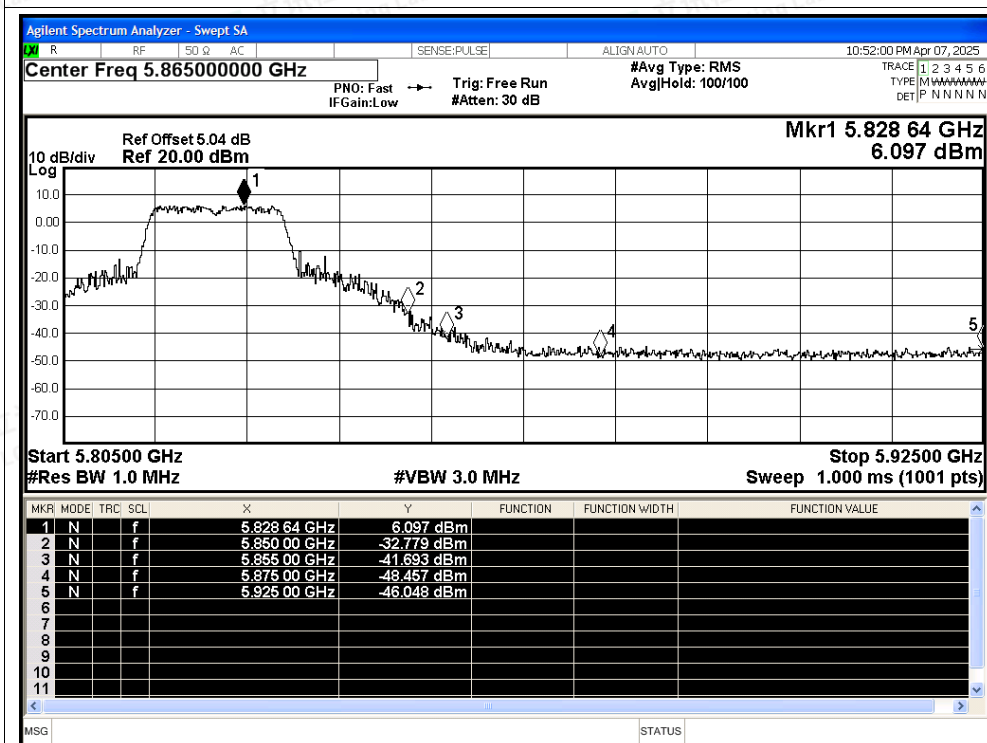
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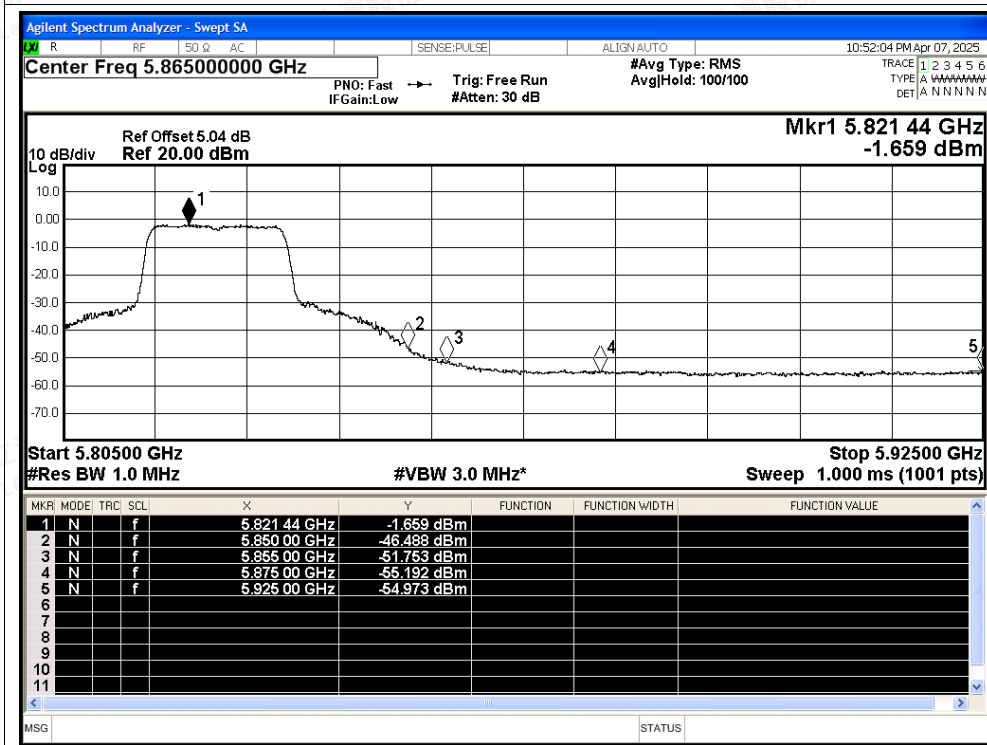
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## Restrict Band NVNT ac20 5825MHz Ant1 Peak



## Restrict Band NVNT ac20 5825MHz Ant1 Average



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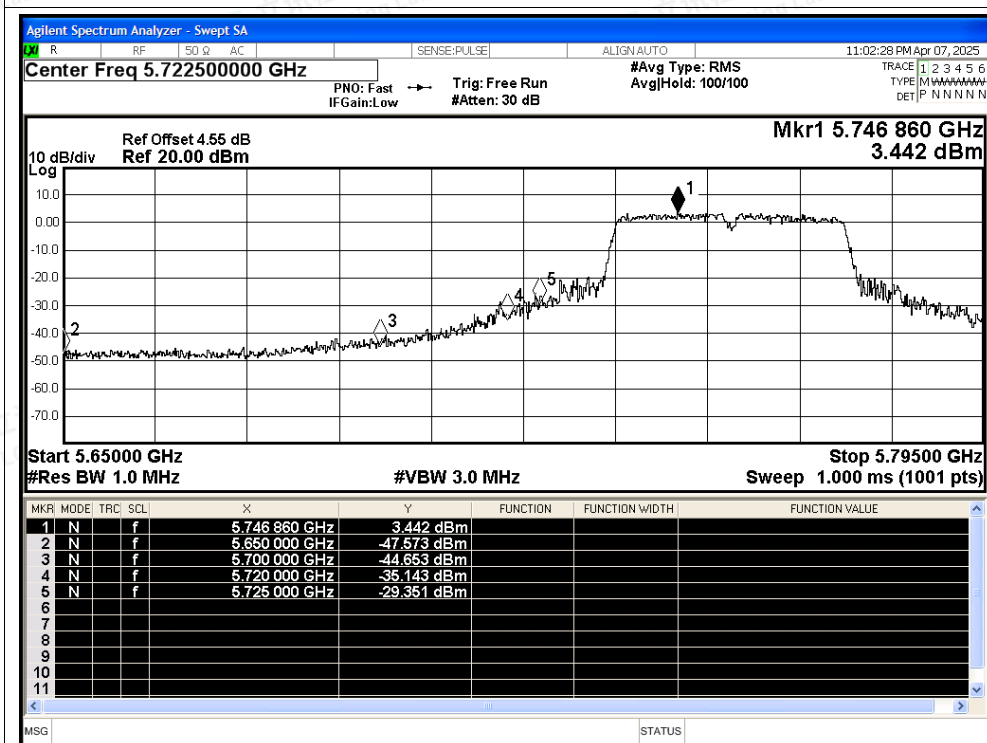
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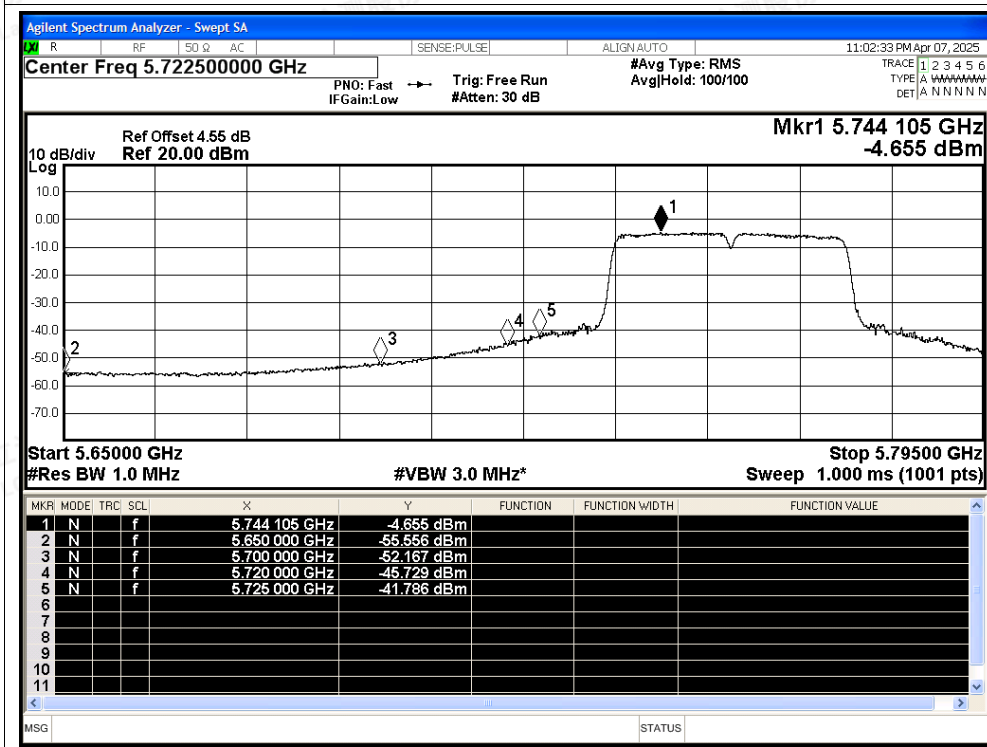
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## Restrict Band NVNT ac40 5755MHz Ant1 Peak



## Restrict Band NVNT ac40 5755MHz Ant1 Average



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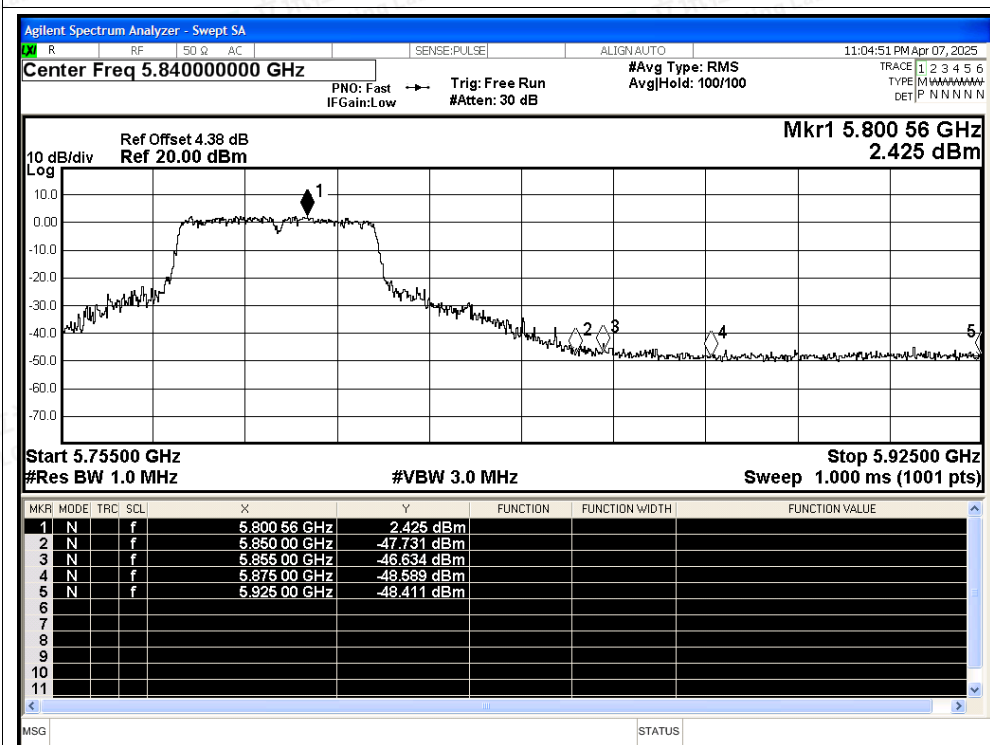
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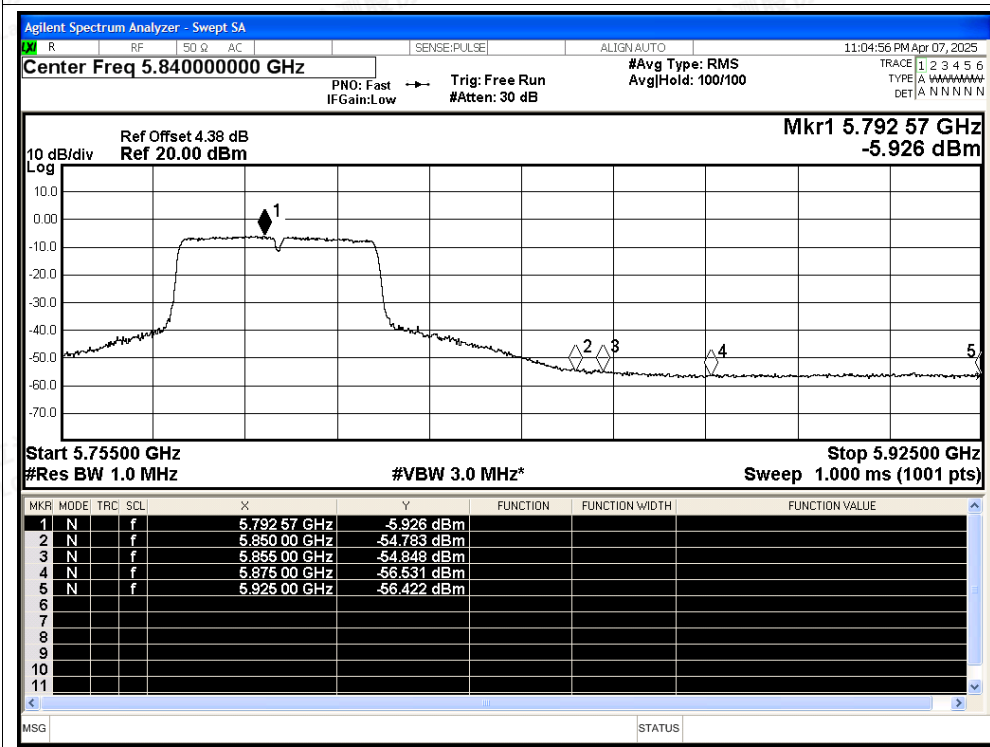
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## Restrict Band NVNT ac40 5795MHz Ant1 Peak



## Restrict Band NVNT ac40 5795MHz Ant1 Average



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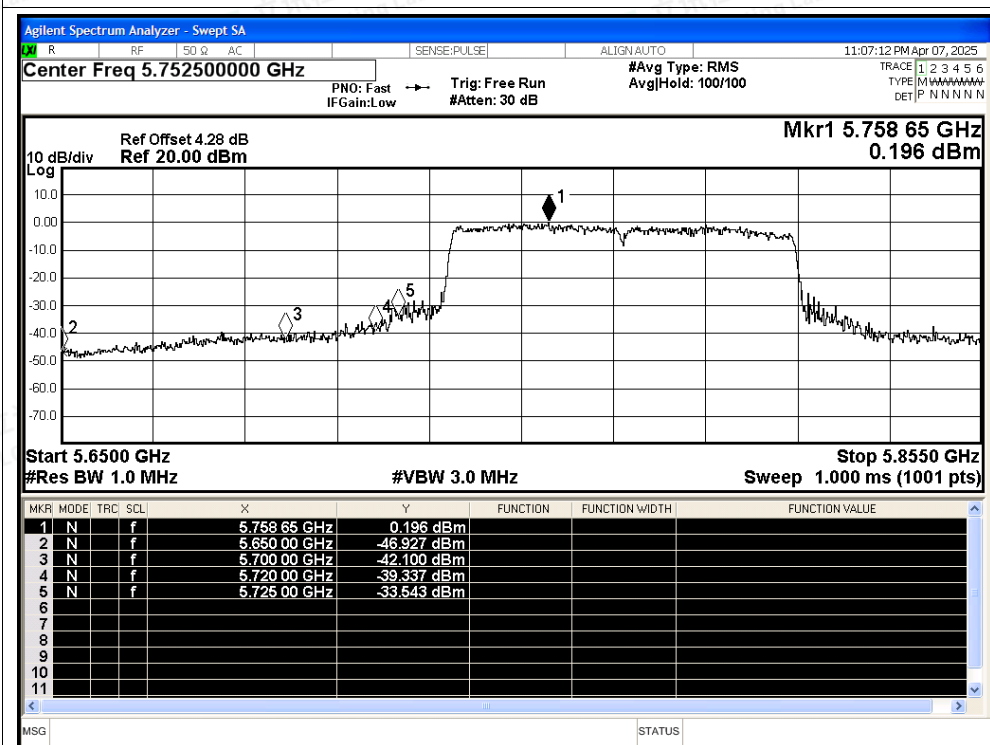
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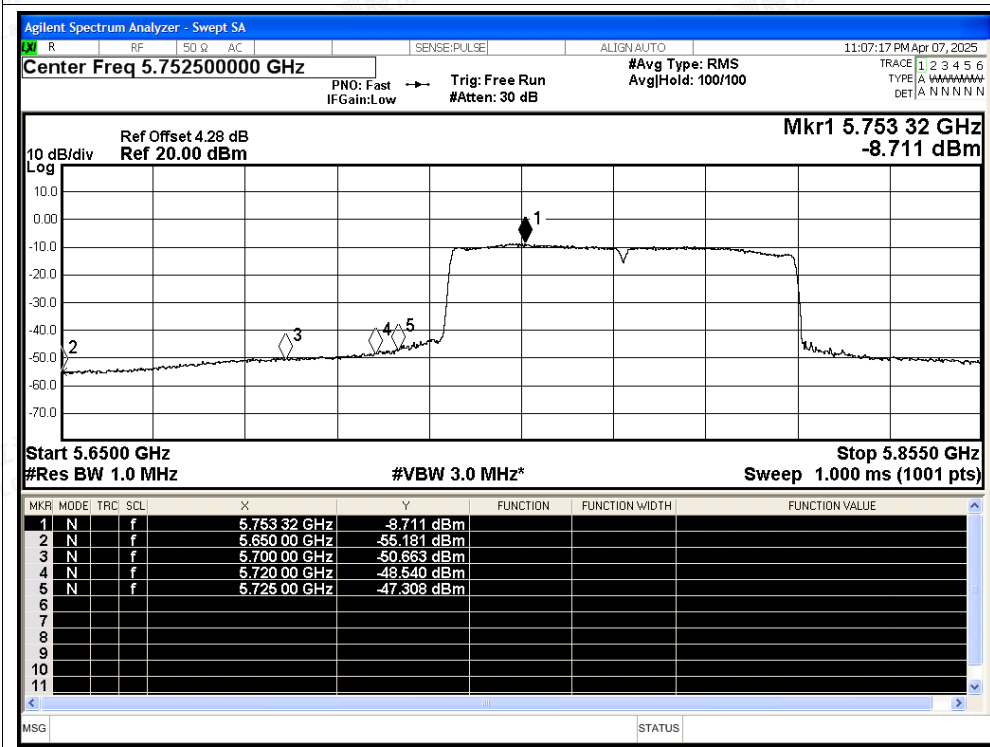




## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



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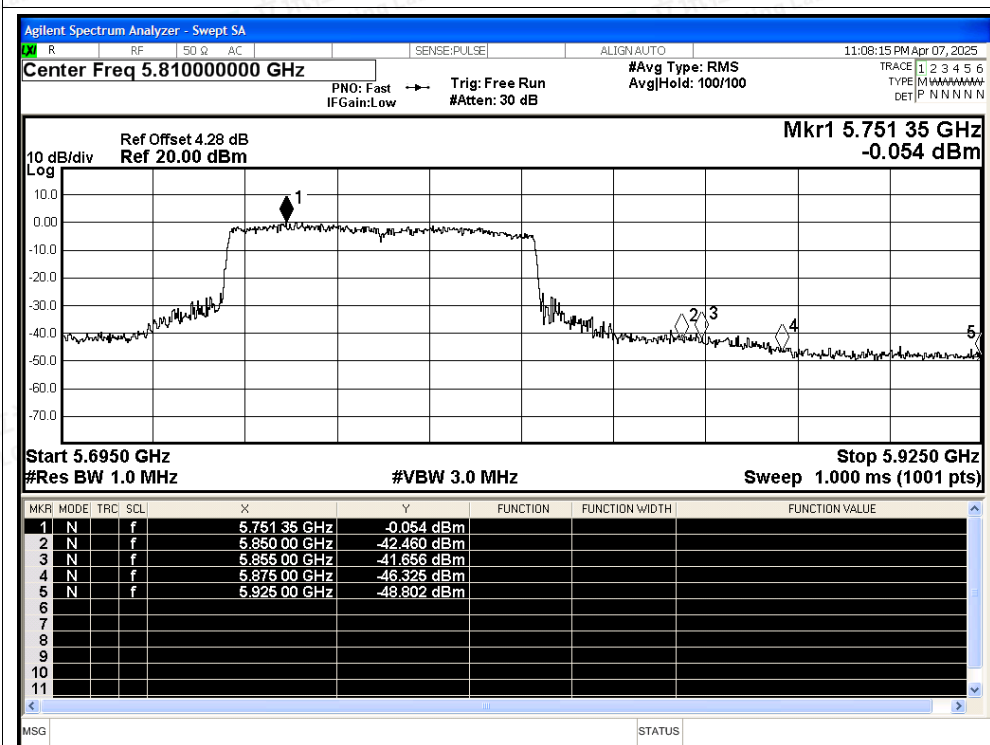
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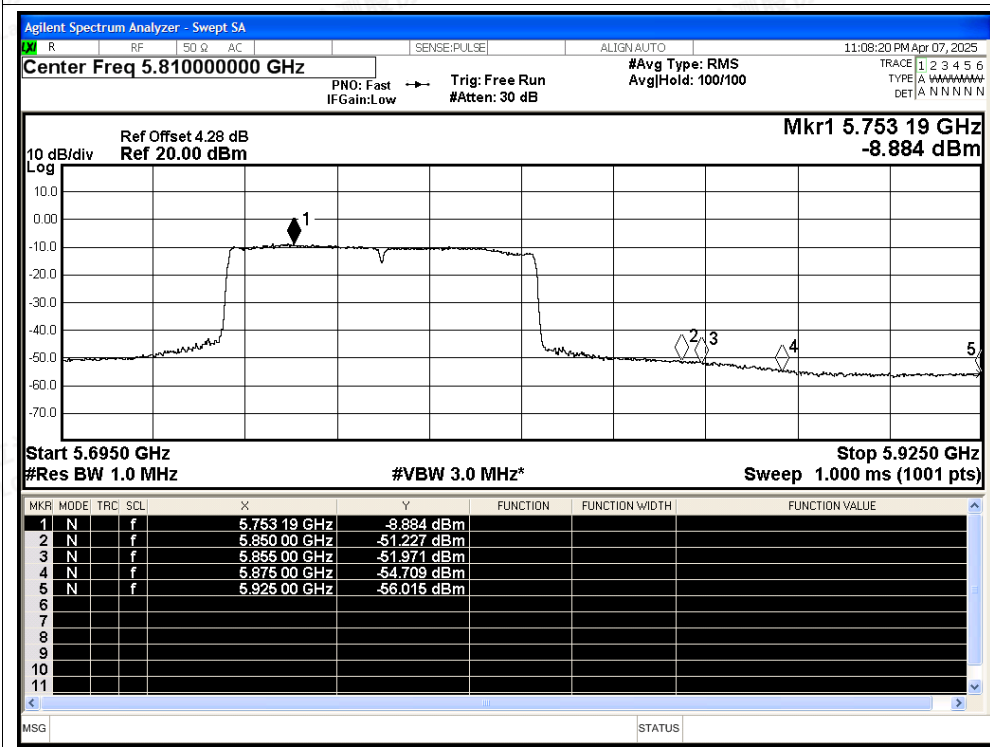




## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## 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      | ac20 | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | /           | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | /           | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | /           | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | /           | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5794.96                  | -40000               | -6.9            | /           | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | /           | Pass    |

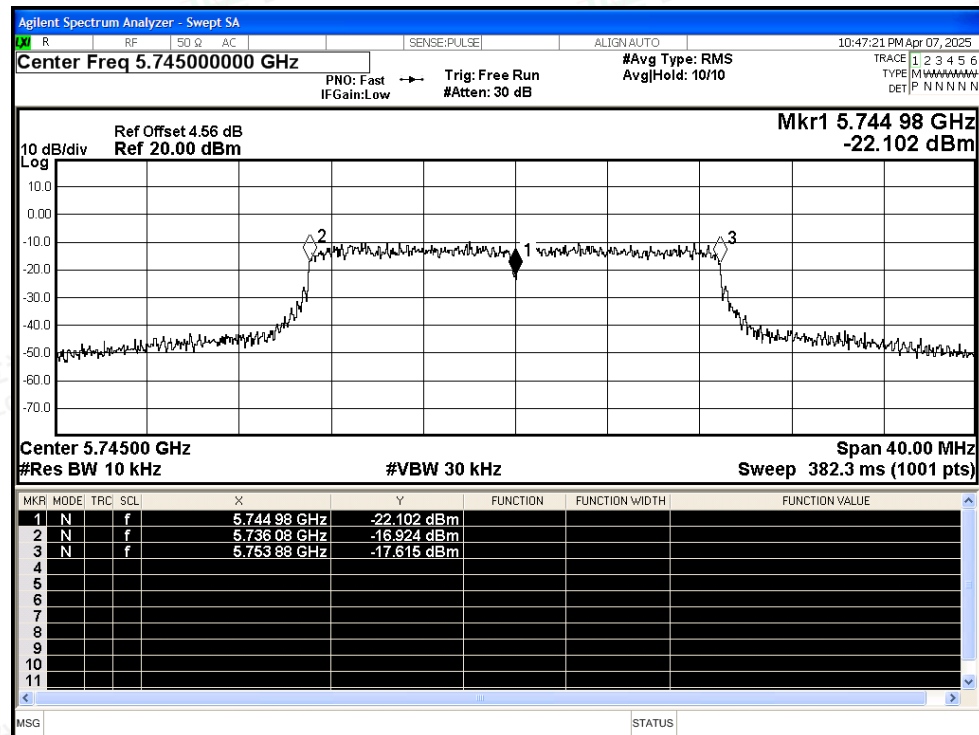


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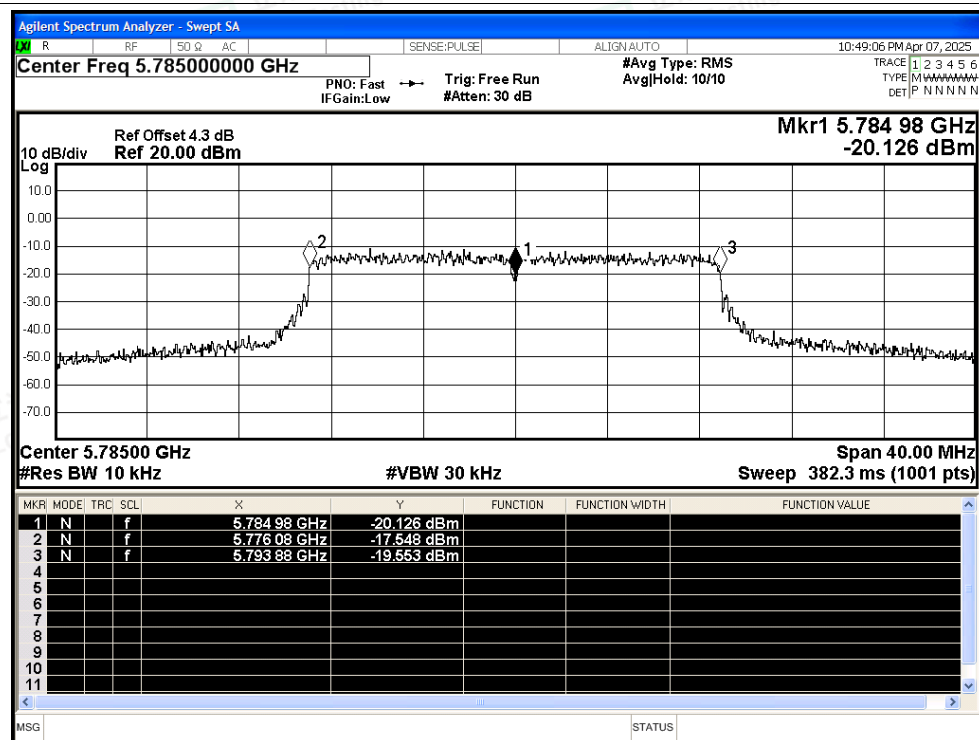


## Test Graphs

## Freq. Stability NVNT ac20 5745MHz Ant1



## Freq. Stability NVNT ac20 5785MHz Ant1



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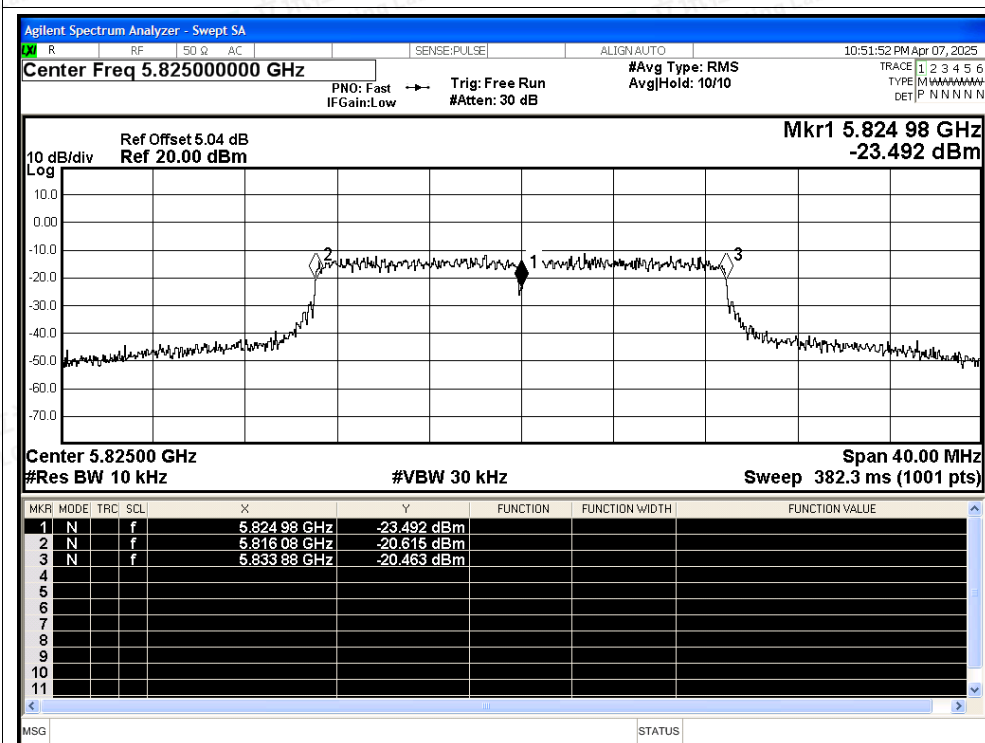
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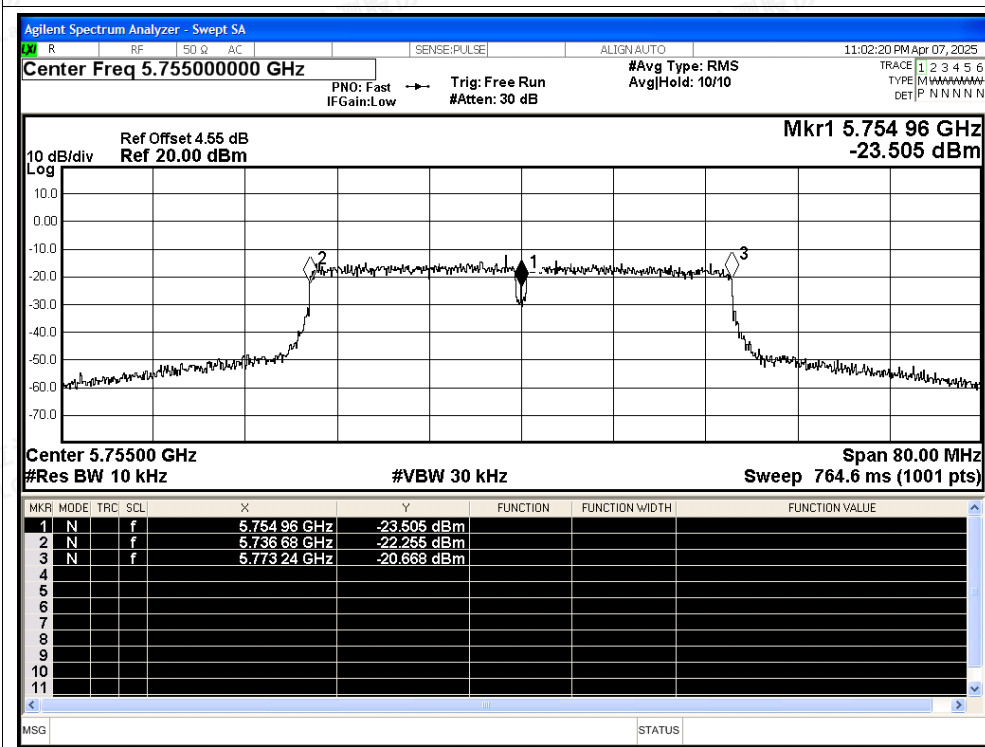
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## Freq. Stability NVNT ac20 5825MHz Ant1



## Freq. Stability NVNT ac40 5755MHz Ant1



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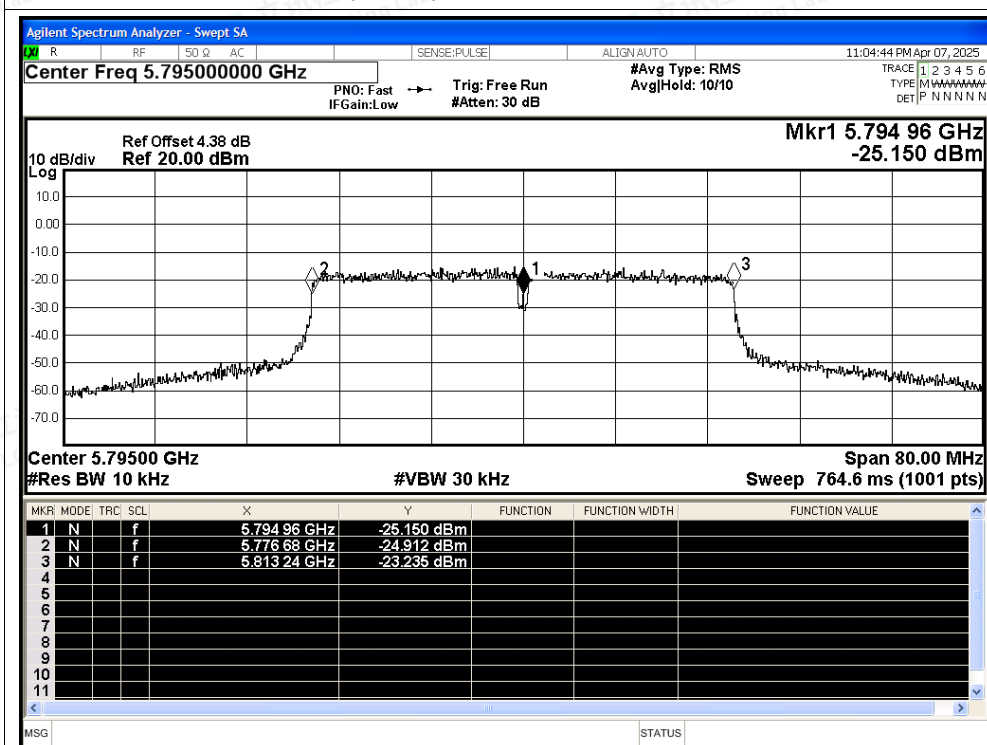
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

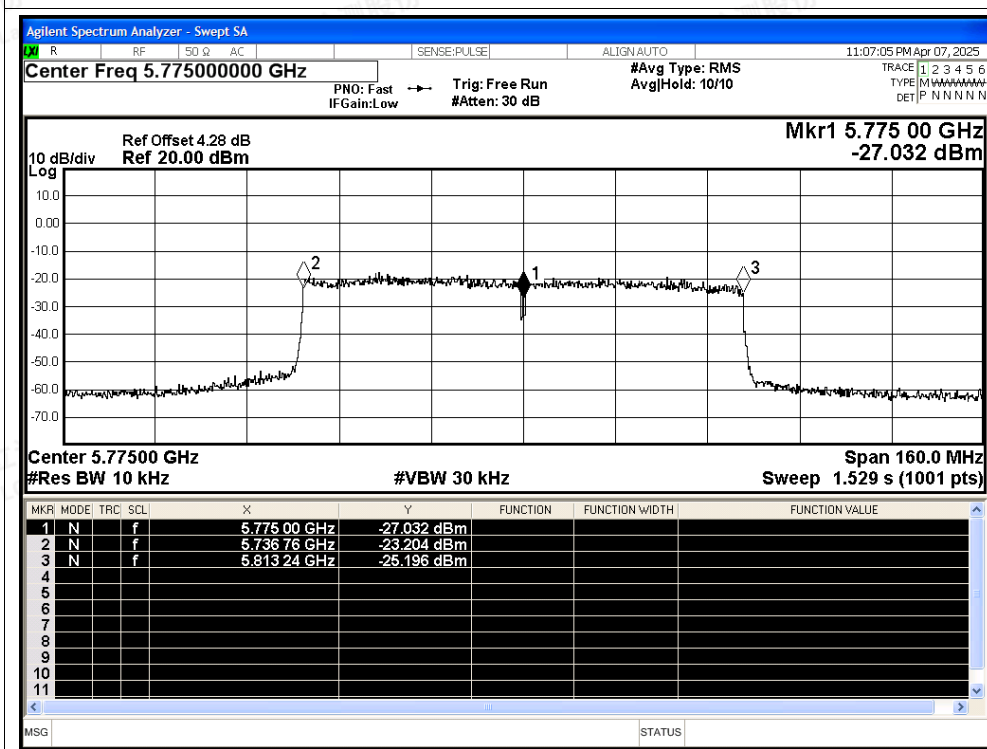
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## Freq. Stability NVNT ac40 5795MHz Ant1



## Freq. Stability NVNT ac80 5775MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

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## G.6 Duty Cycle

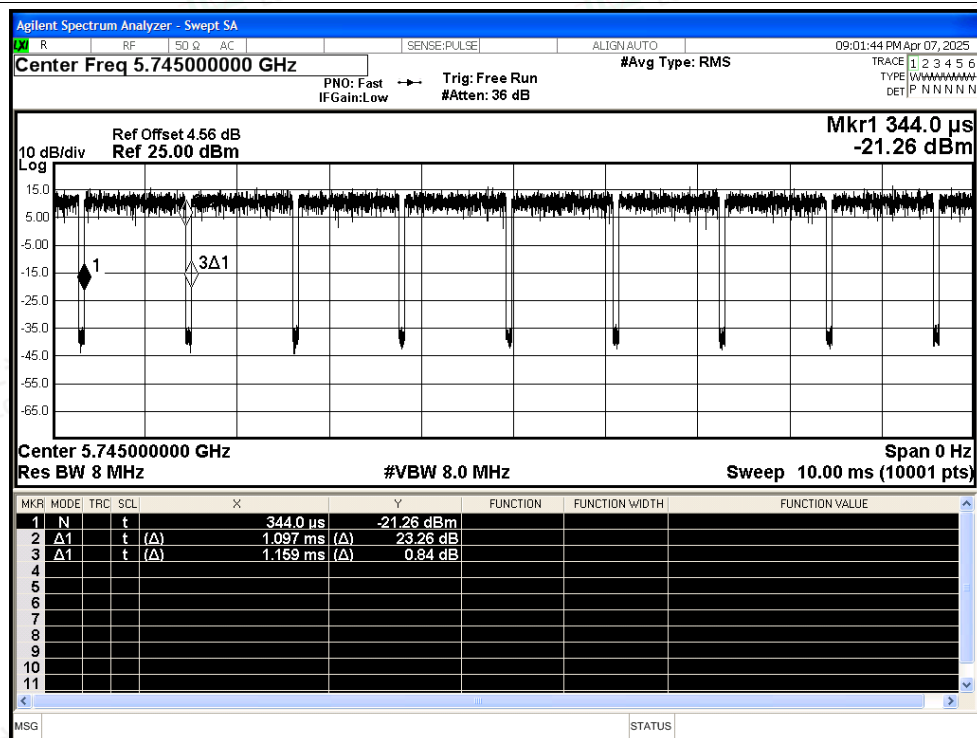
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5785            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5785            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n20  | 5825            | Ant1    | 98.16          | 0                      | 0.3       |
| NVNT      | n40  | 5755            | Ant1    | 96.36          | 0.16                   | 0.61      |
| NVNT      | n40  | 5795            | Ant1    | 96.36          | 0.16                   | 0.61      |
| NVNT      | ac20 | 5745            | Ant1    | 98.2           | 0                      | 0.3       |
| NVNT      | ac20 | 5785            | Ant1    | 98.17          | 0                      | 0.3       |
| NVNT      | ac20 | 5825            | Ant1    | 98.17          | 0                      | 0.3       |
| NVNT      | ac40 | 5755            | Ant1    | 96.38          | 0.16                   | 0.61      |
| NVNT      | ac40 | 5795            | Ant1    | 96.38          | 0.16                   | 0.61      |
| NVNT      | ac80 | 5775            | Ant1    | 92.65          | 0.33                   | 1.28      |



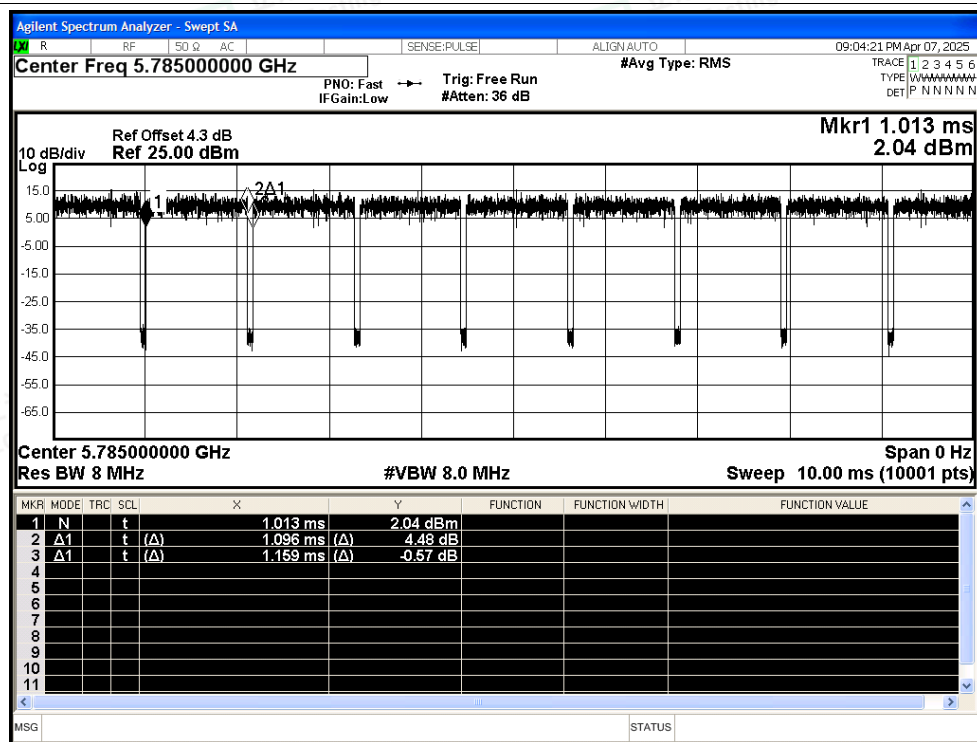


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1



## Duty Cycle NVNT a 5785MHz Ant1



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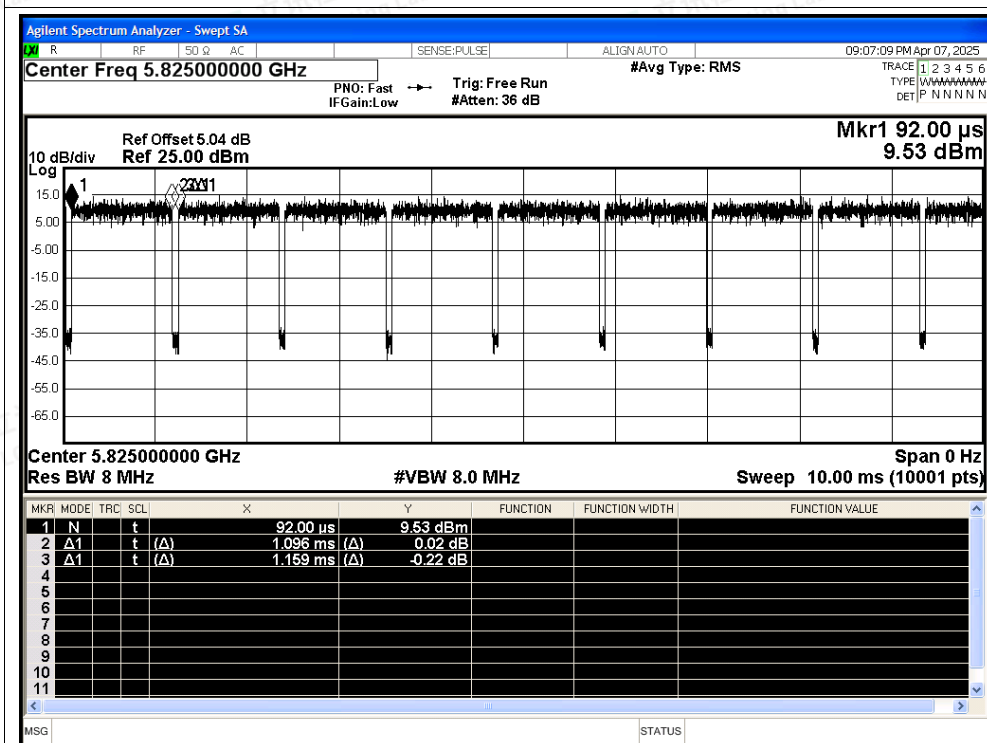
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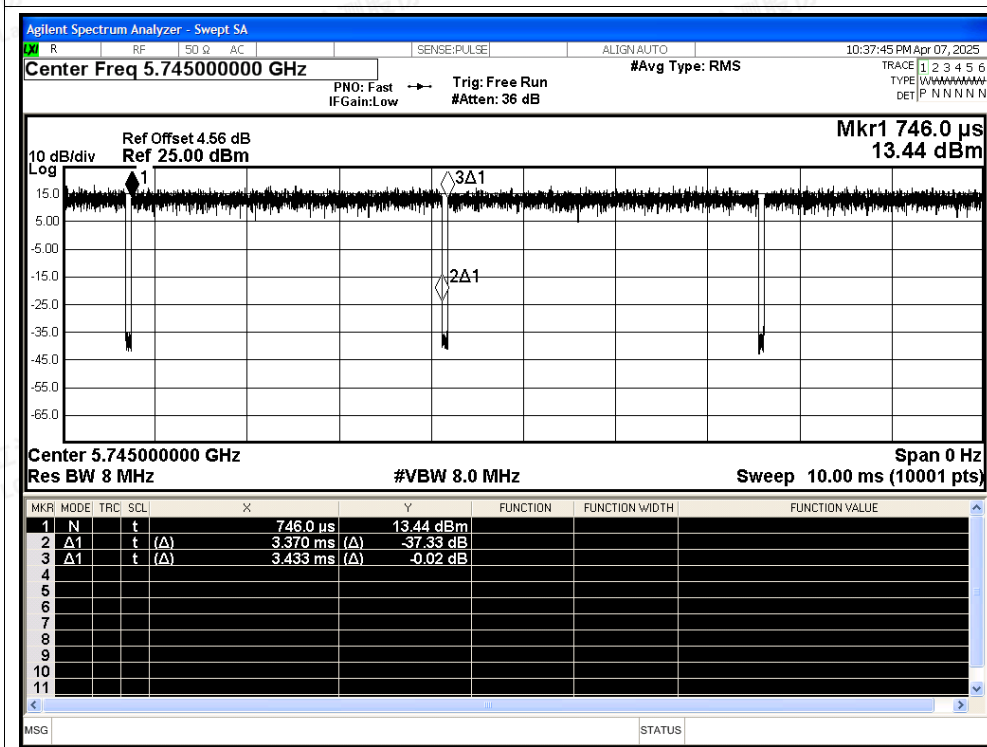




## Duty Cycle NVNT a 5825MHz Ant1



## Duty Cycle NVNT n20 5745MHz Ant1



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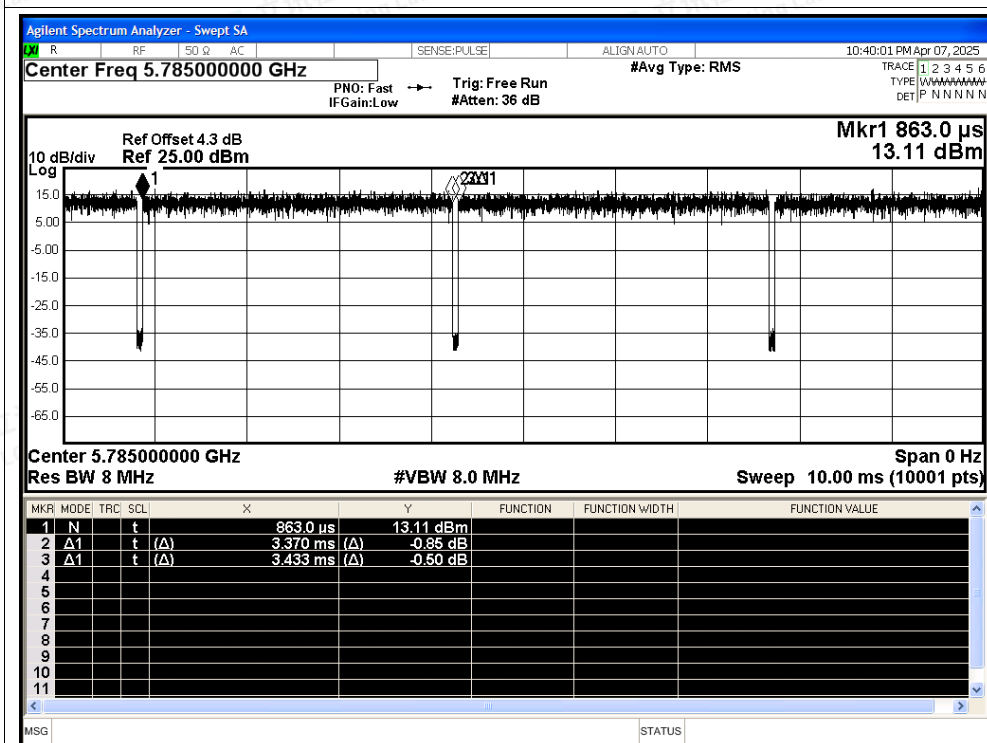
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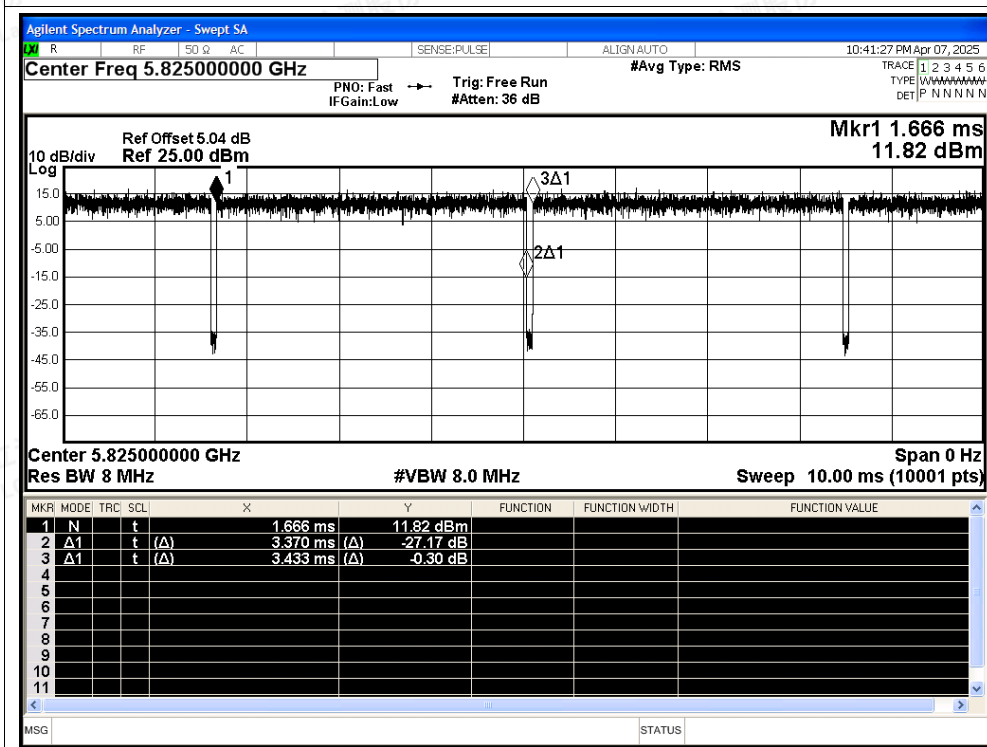
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## Duty Cycle NVNT n20 5785MHz Ant1



## Duty Cycle NVNT n20 5825MHz Ant1



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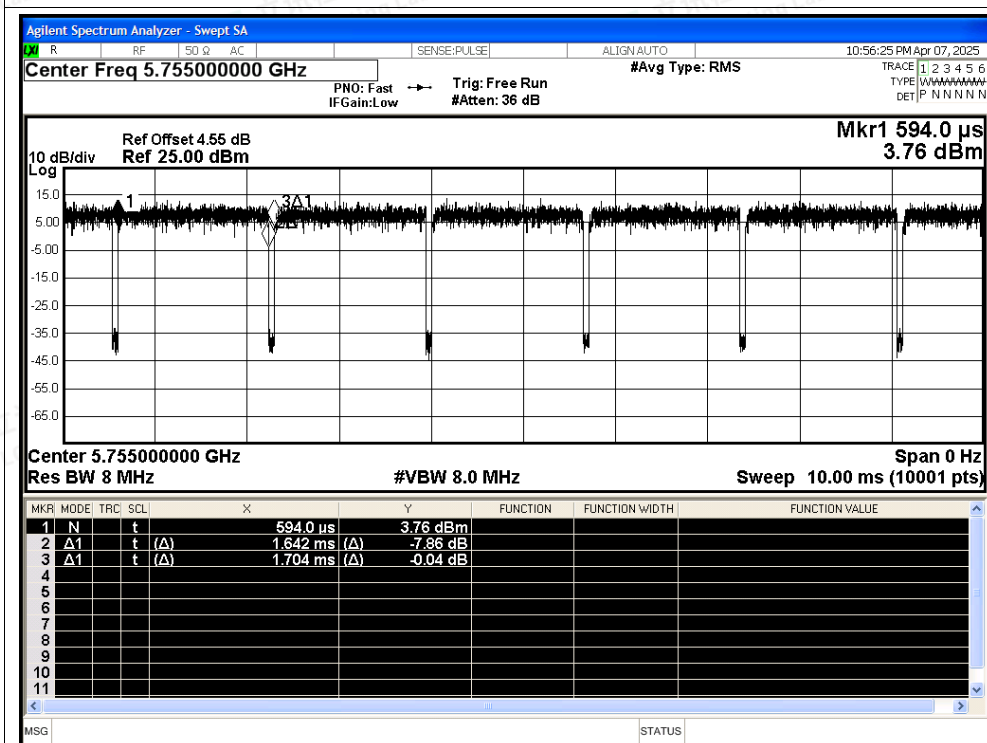
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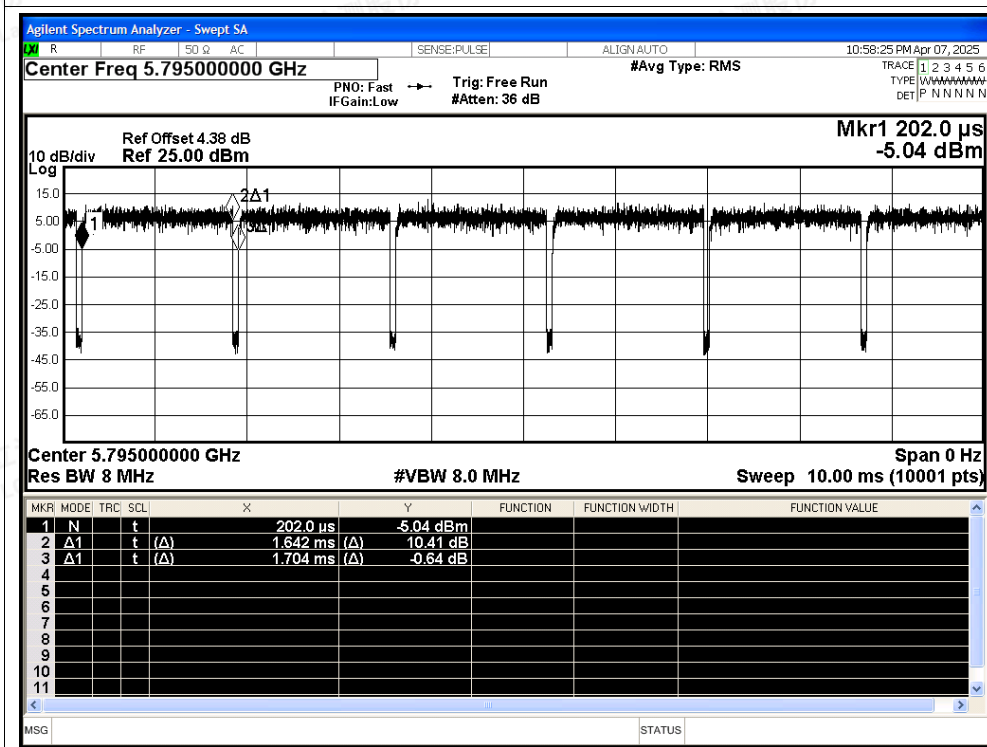
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## Duty Cycle NVNT n40 5755MHz Ant1



## Duty Cycle NVNT n40 5795MHz Ant1



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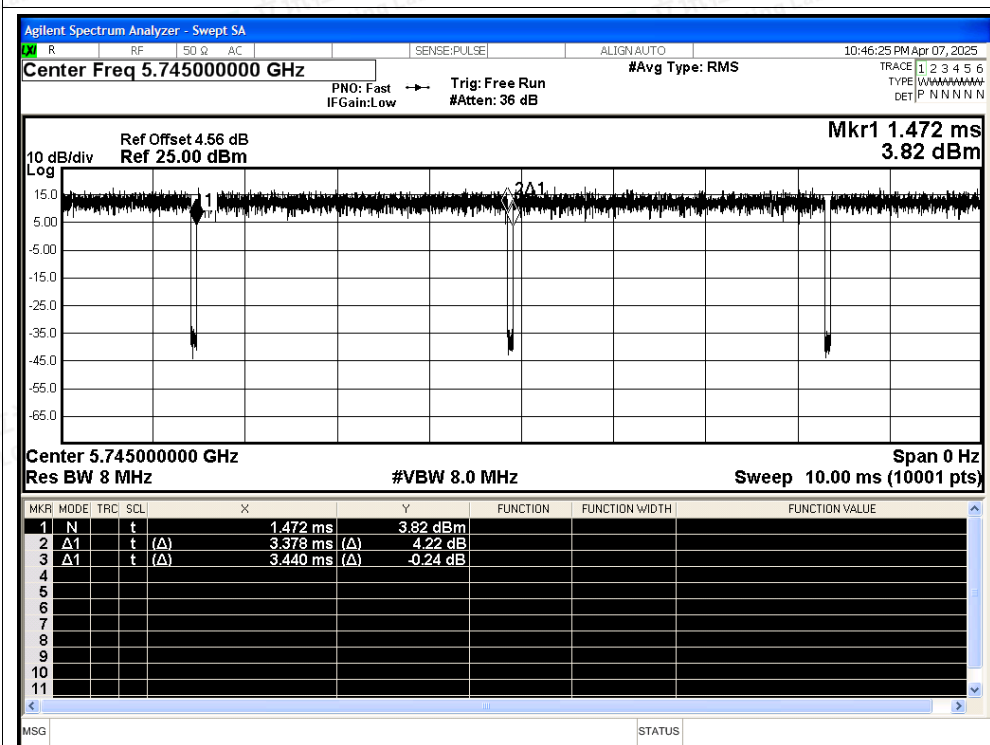
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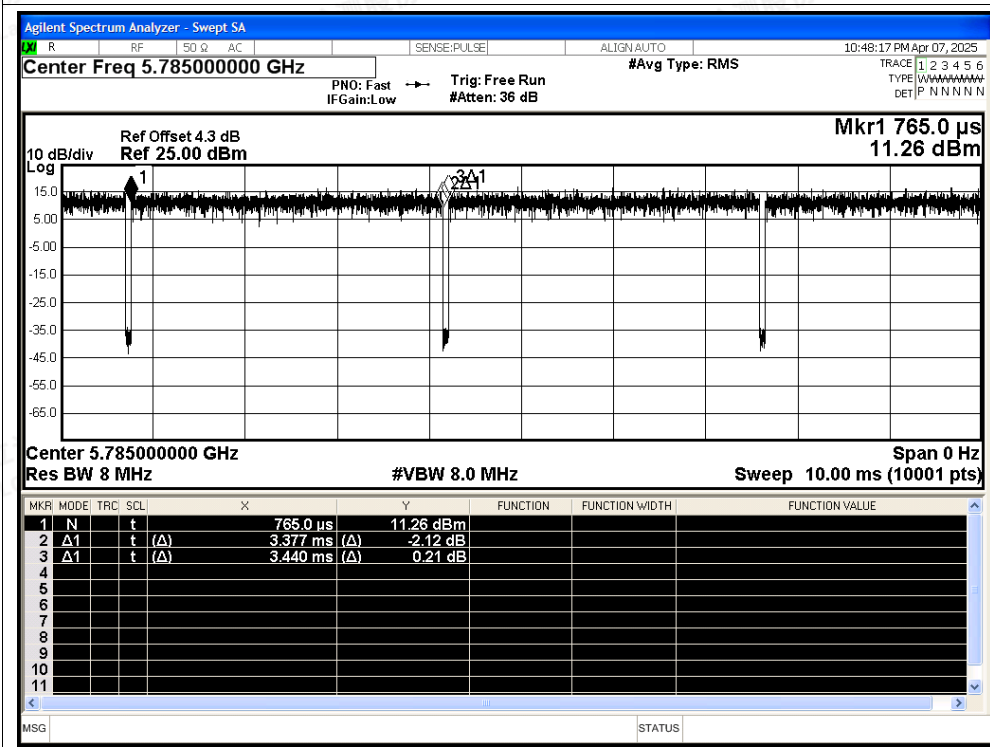
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## Duty Cycle NVNT ac20 5745MHz Ant1



## Duty Cycle NVNT ac20 5785MHz Ant1

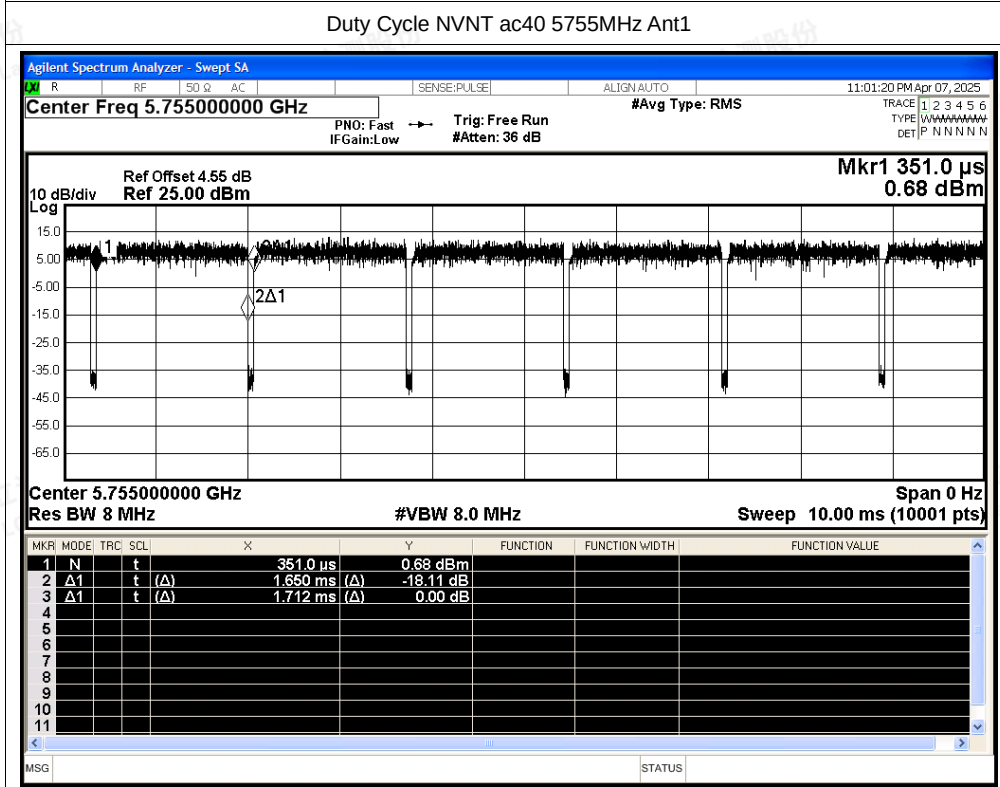
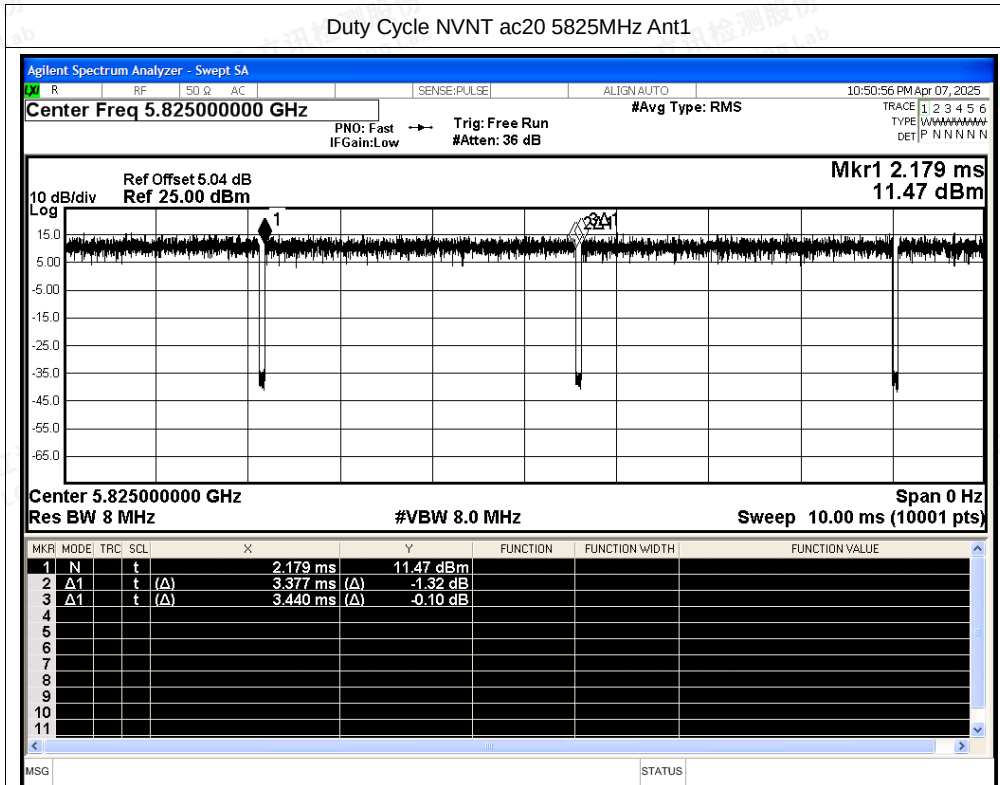


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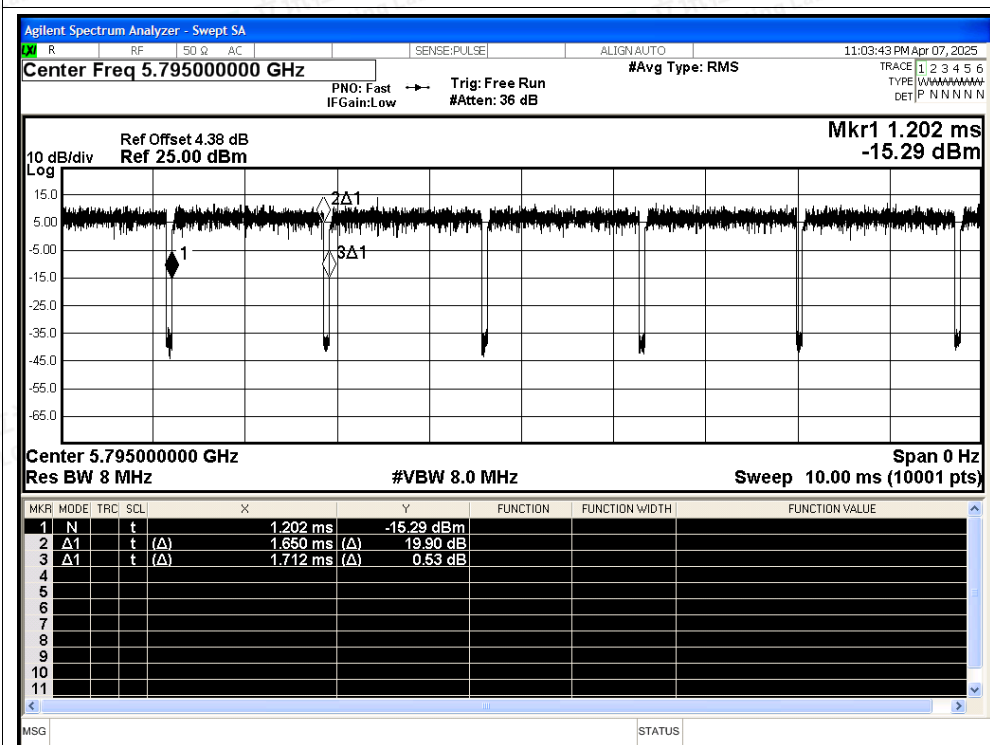
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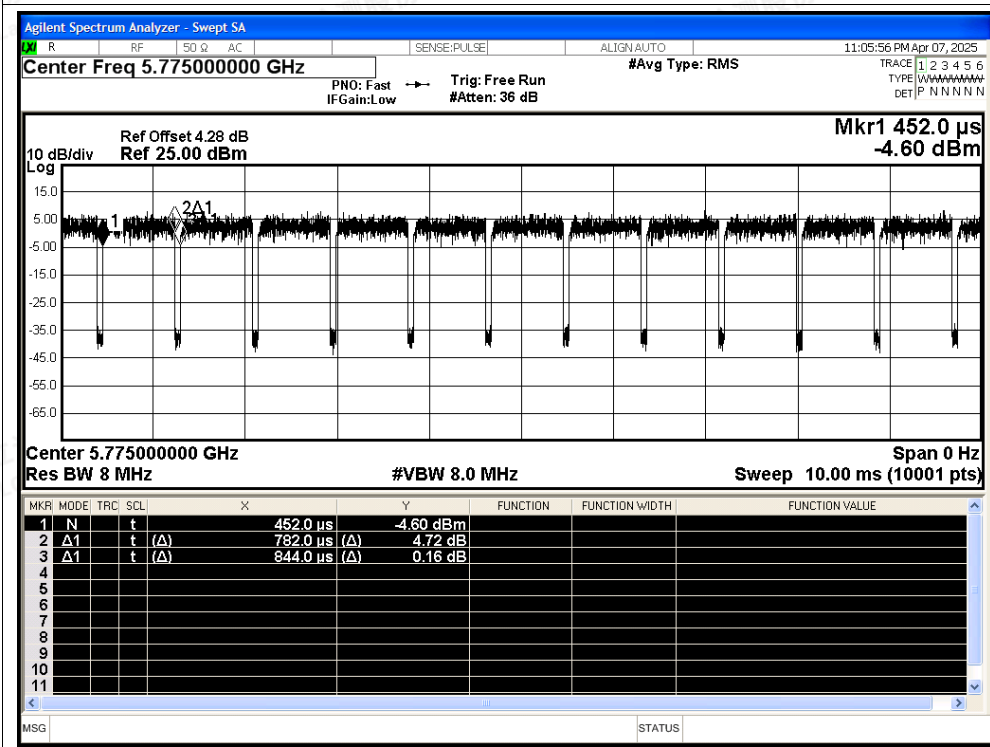
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## Duty Cycle NVNT ac40 5795MHz Ant1



## Duty Cycle NVNT ac80 5775MHz Ant1



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