



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: Smart POS  
Test Model: WIZARPOS Q3 PDA

Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.9°C     |
| Relative Humidity: | 53.2%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |





## E.1 -6dB Bandwidth

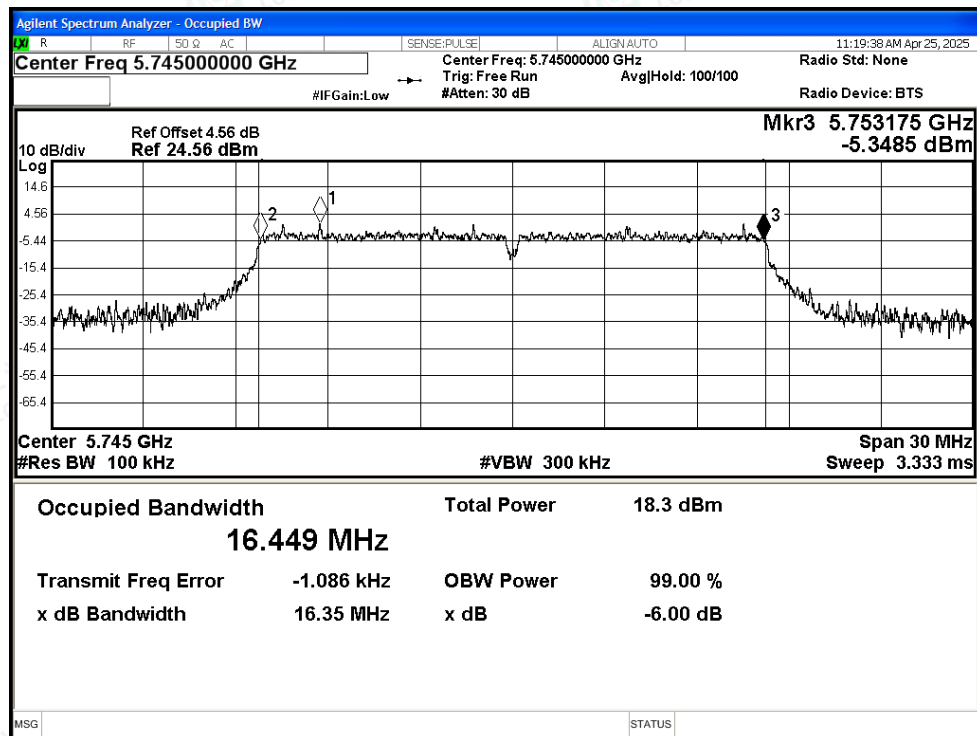
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.352                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.339                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.335                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.305                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.536                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.572                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.429                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 36.168                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.537                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.512                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.394                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.256                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 36.155                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.74                 | $\geq 0.5$                  | Pass    |



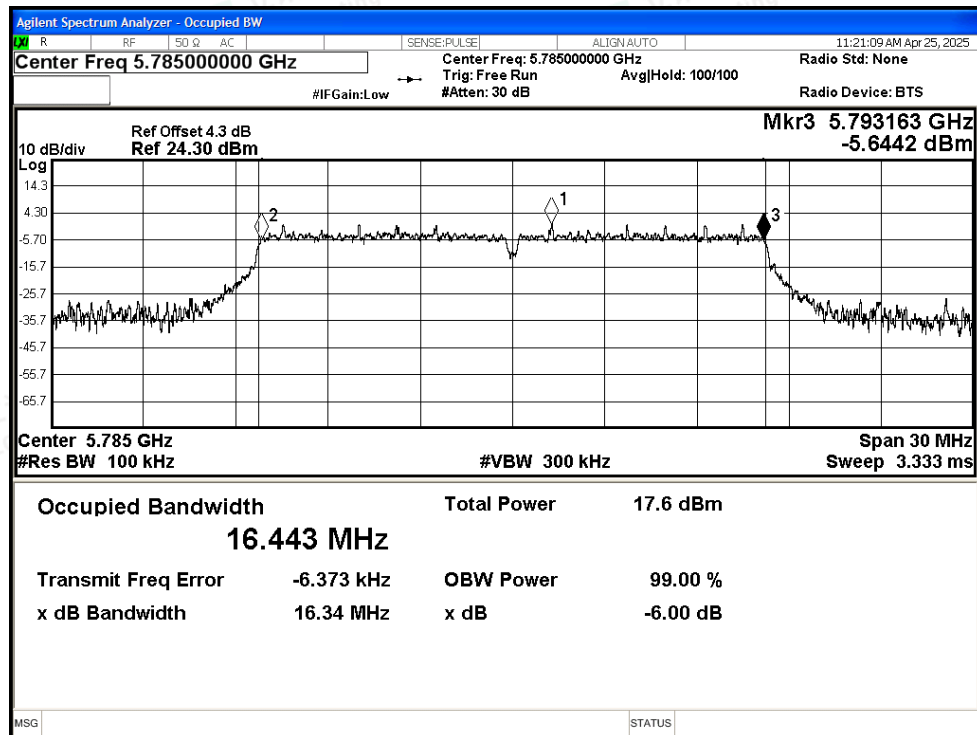


## Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1

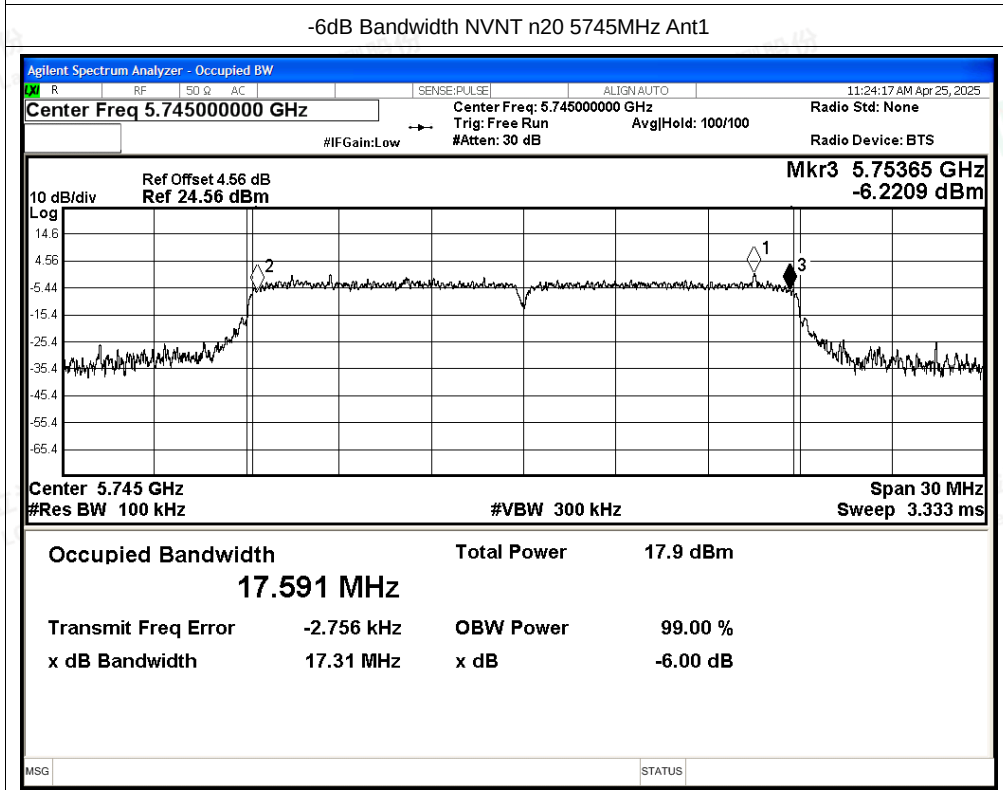
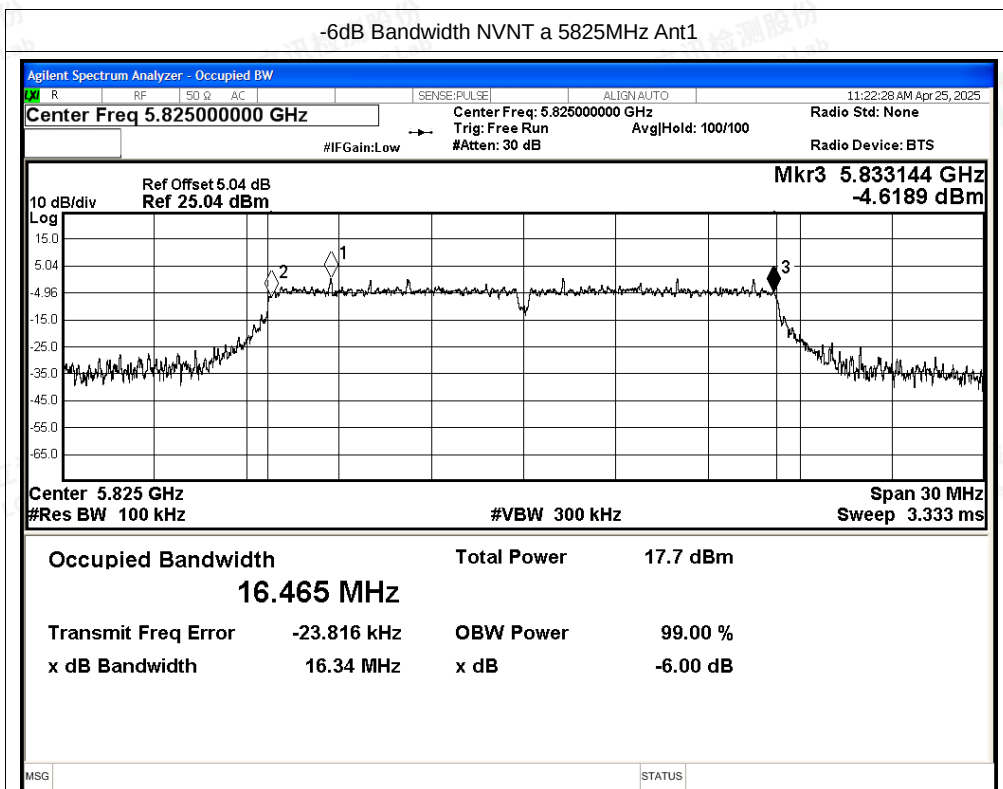


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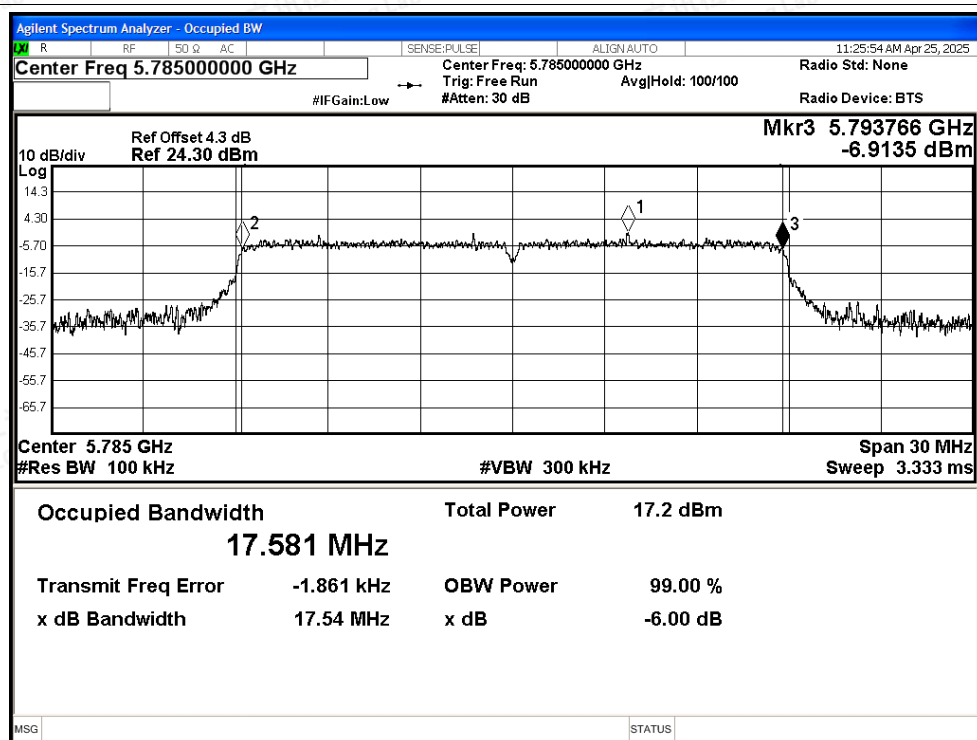
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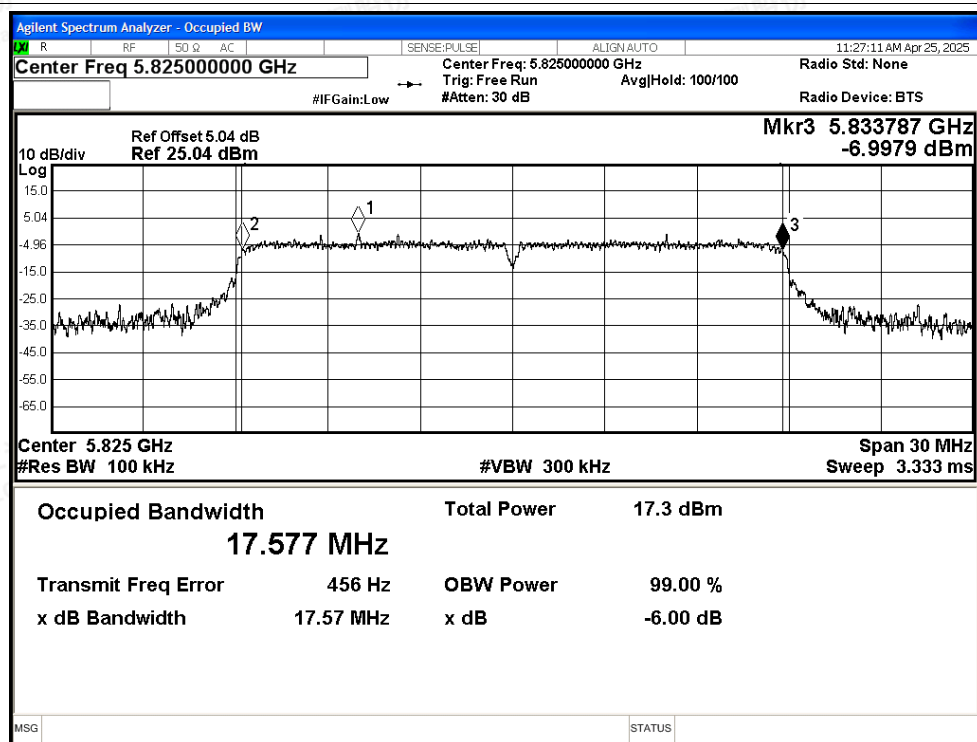
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## -6dB Bandwidth NVNT n20 5785MHz Ant1



## -6dB Bandwidth NVNT n20 5825MHz Ant1

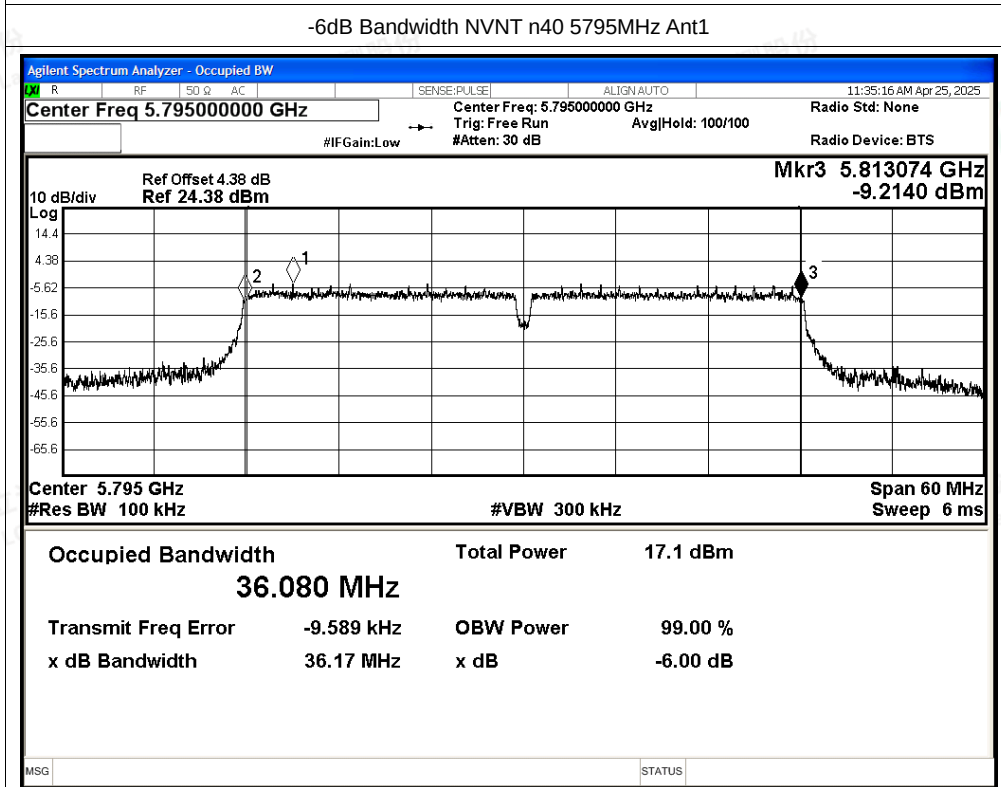
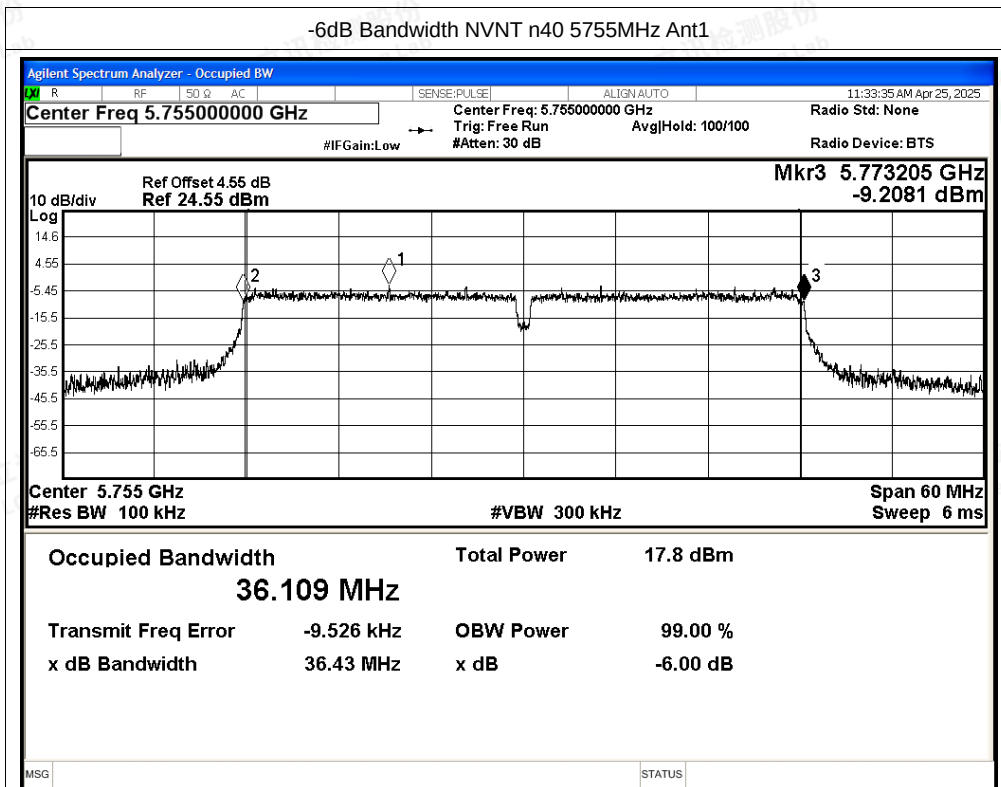


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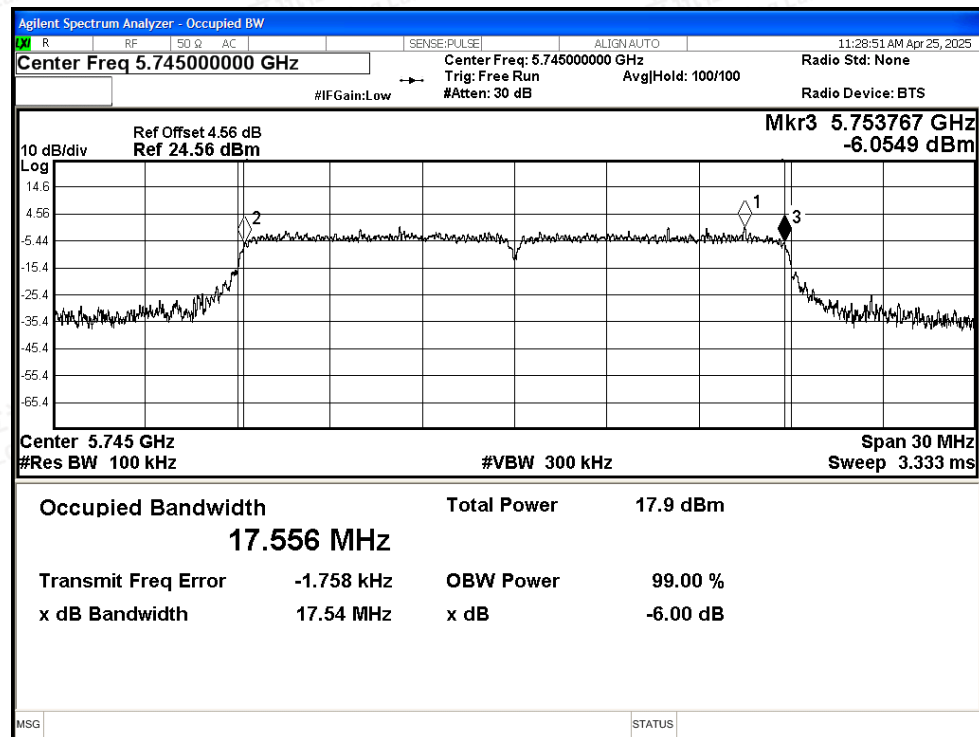
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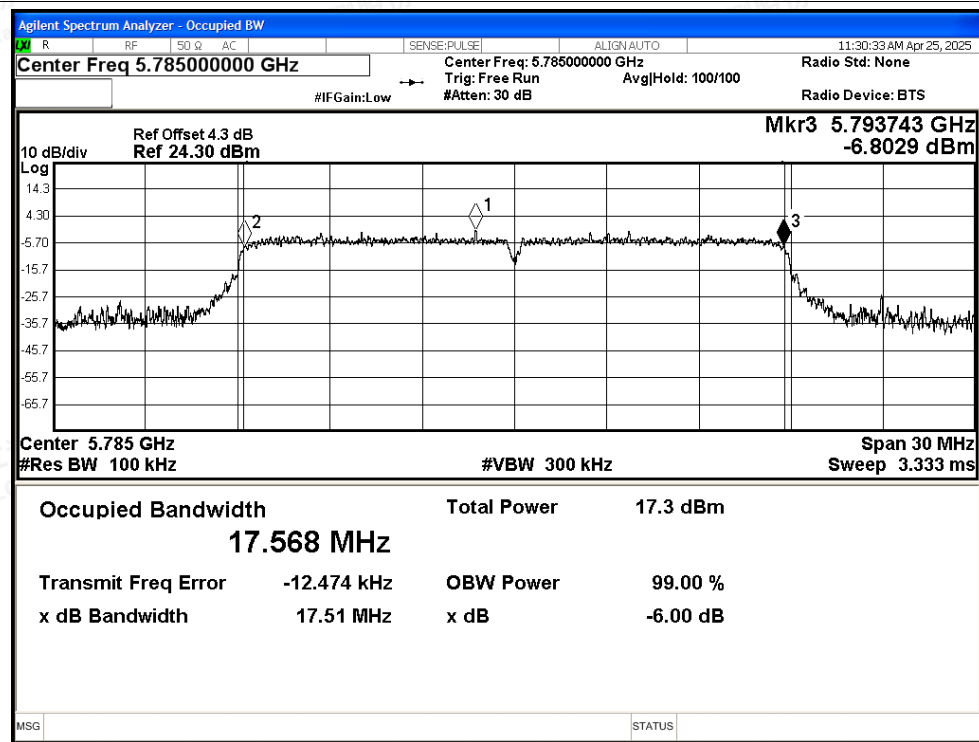
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-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



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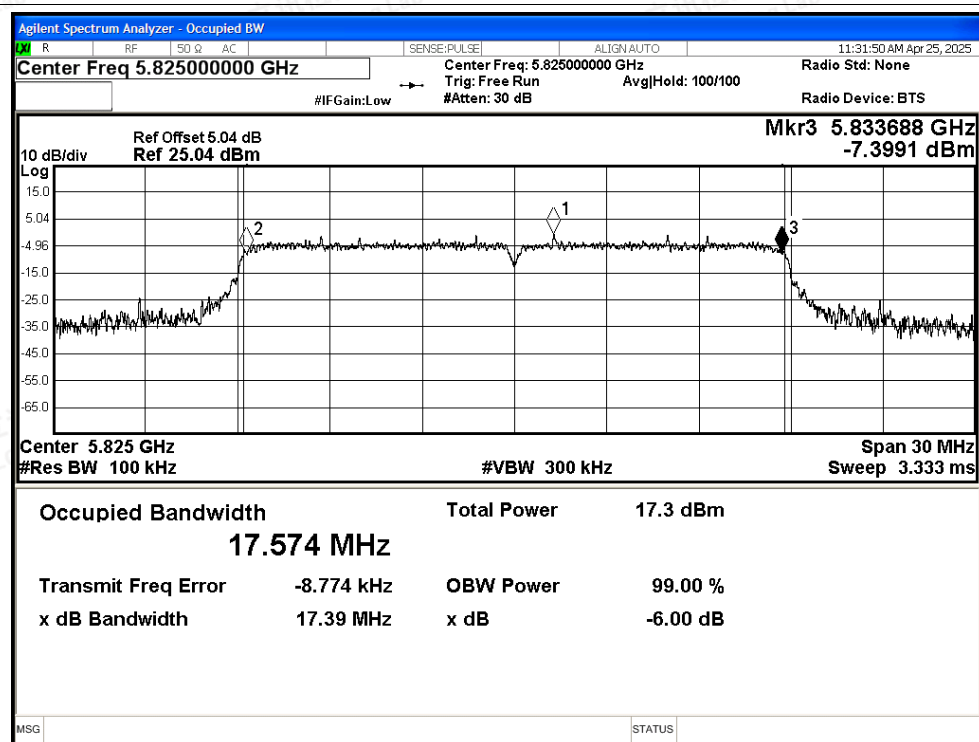
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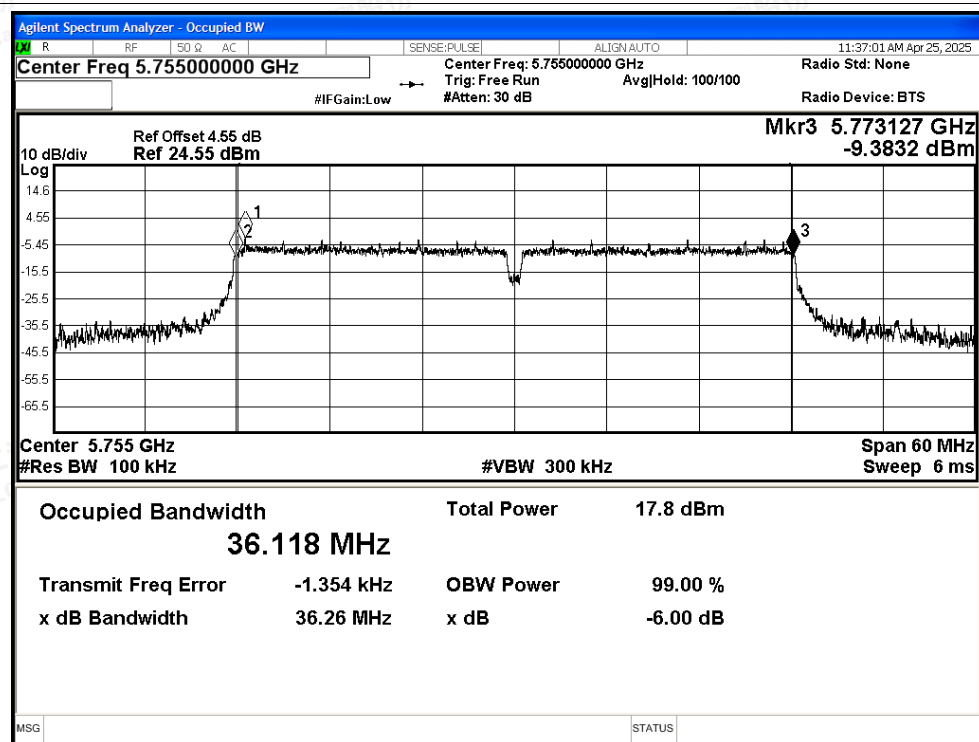
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## -6dB Bandwidth NVNT ac20 5825MHz Ant1



## -6dB Bandwidth NVNT ac40 5755MHz Ant1



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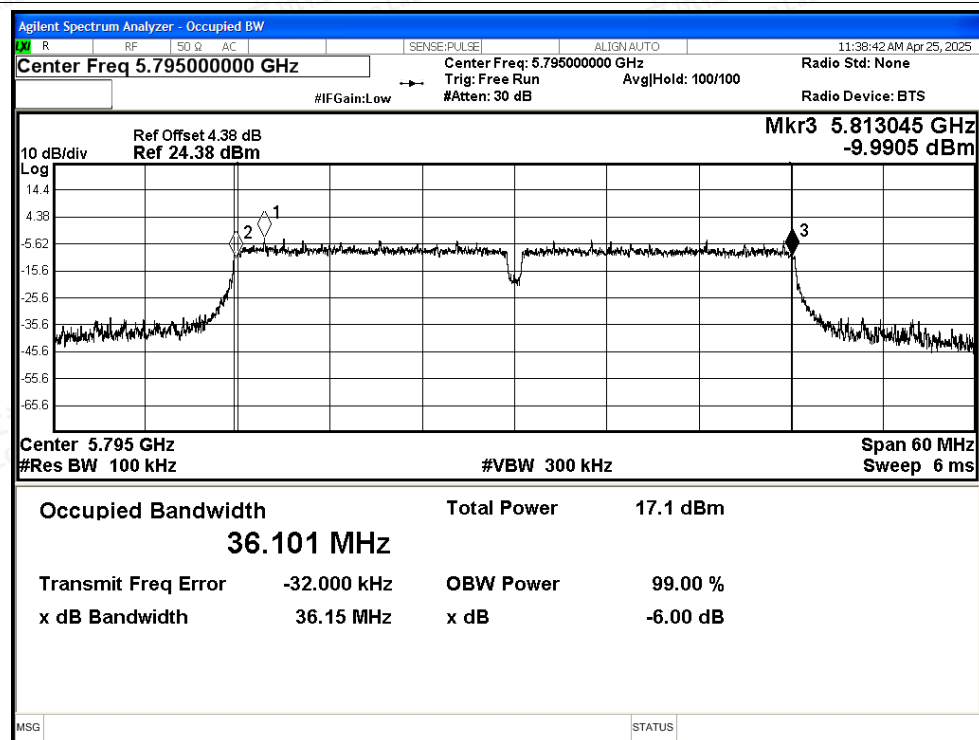
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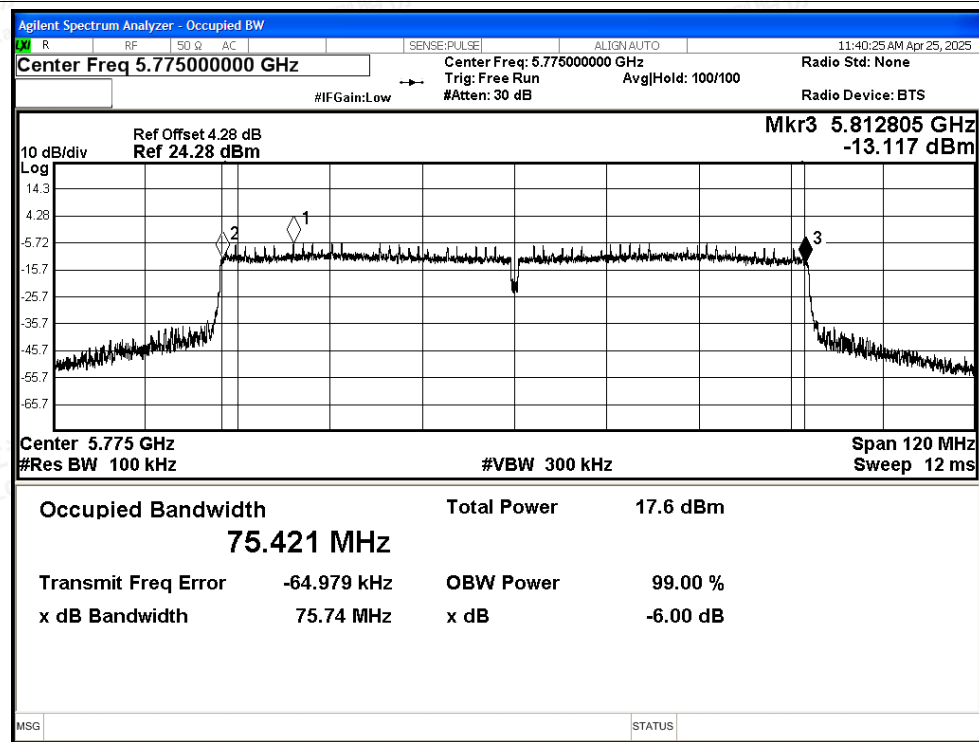
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## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz Ant1



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## E.2 Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 12.25                    | 0.24                | 12.49                | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 11.63                    | 0.24                | 11.87                | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 11.68                    | 0.24                | 11.92                | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 11.73                    | 0.12                | 11.85                | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 11.03                    | 0.12                | 11.15                | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 11.16                    | 0.12                | 11.28                | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 11.28                    | 0.23                | 11.51                | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 10.45                    | 0.24                | 10.69                | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 11.72                    | 0.12                | 11.84                | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 11.11                    | 0.12                | 11.23                | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 11.16                    | 0.12                | 11.28                | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 11.28                    | 0.24                | 11.52                | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 10.55                    | 0.24                | 10.79                | 30             | Pass    |
| NVNT      | ac80 | 5775               | Ant1    | 10.33                    | 0.47                | 10.8                 | 30             | Pass    |



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### E.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -1.61                      | 0.24             | -1.37                  | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant1    | -1.89                      | 0.24             | -1.65                  | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant1    | -1.97                      | 0.24             | -1.73                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.1                       | 0.12             | -1.98                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.73                      | 0.12             | -2.61                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.71                      | 0.12             | -2.59                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -5.52                      | 0.23             | -5.29                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -6.32                      | 0.24             | -6.08                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -1.98                      | 0.12             | -1.86                  | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -2.72                      | 0.12             | -2.6                   | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -2.78                      | 0.12             | -2.66                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -5.12                      | 0.24             | -4.88                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -6.01                      | 0.24             | -5.77                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -9.45                      | 0.47             | -8.98                  | 30                 | Pass    |

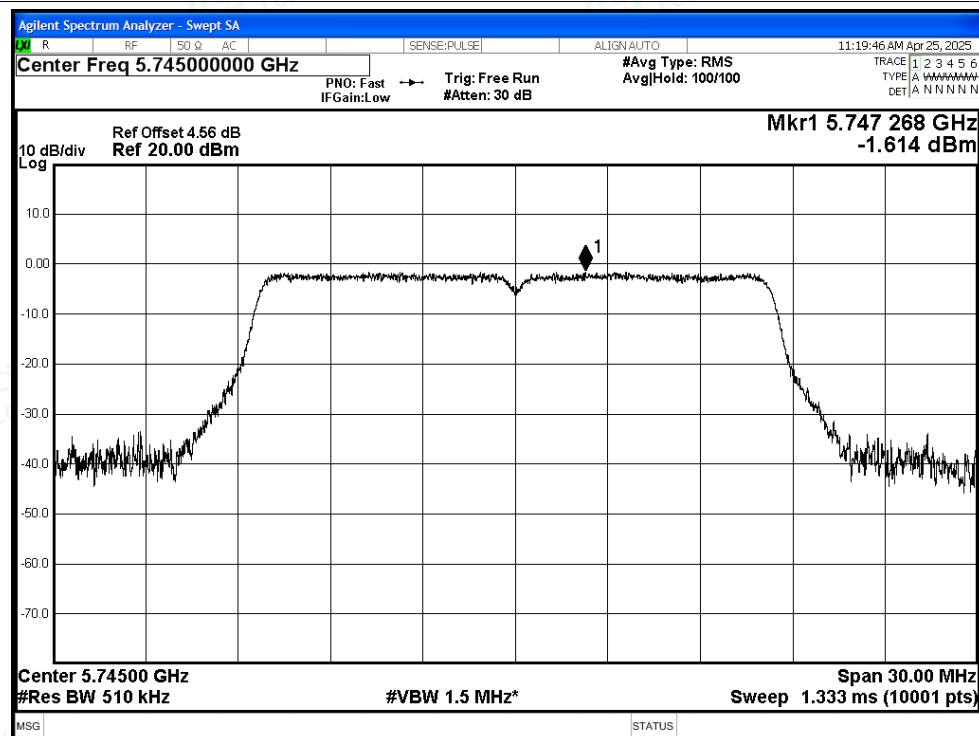


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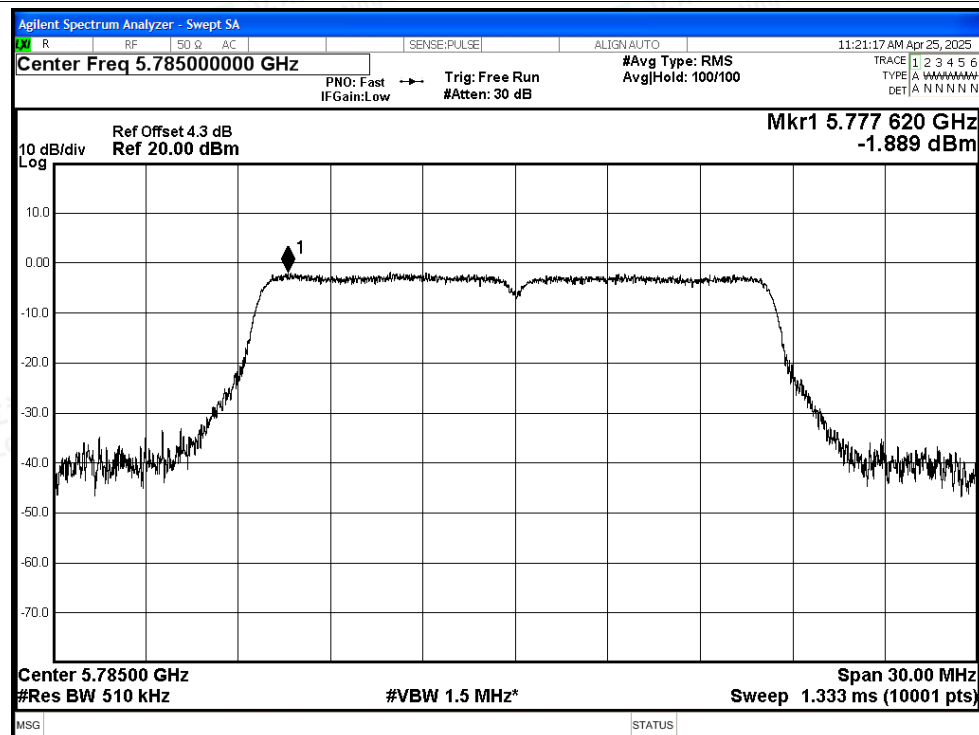


## Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



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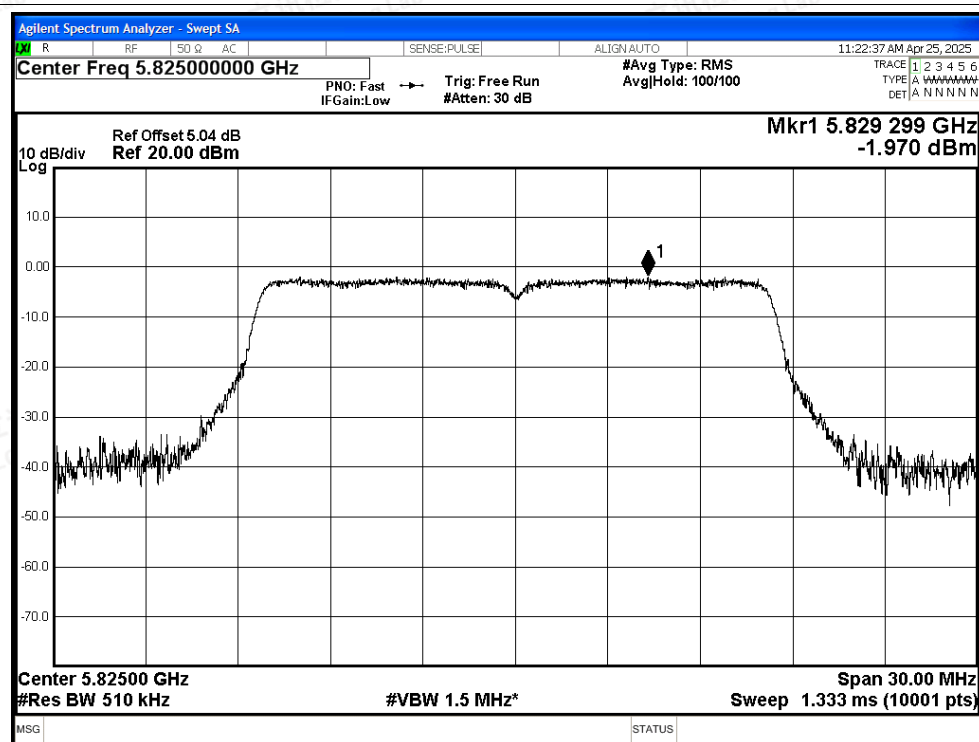
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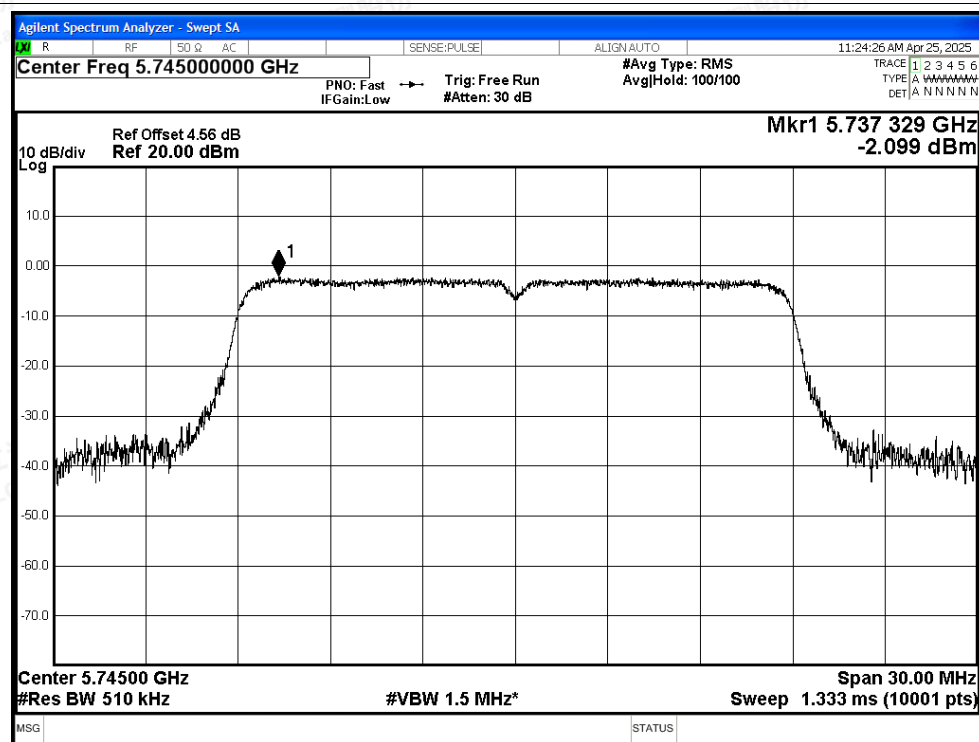
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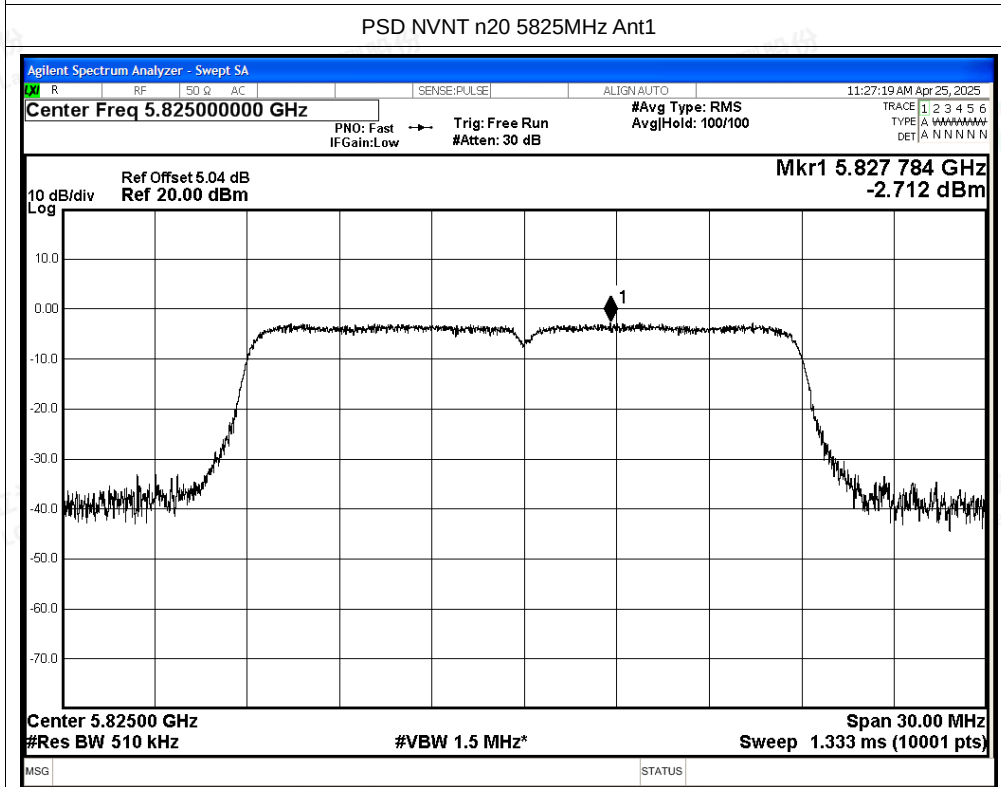
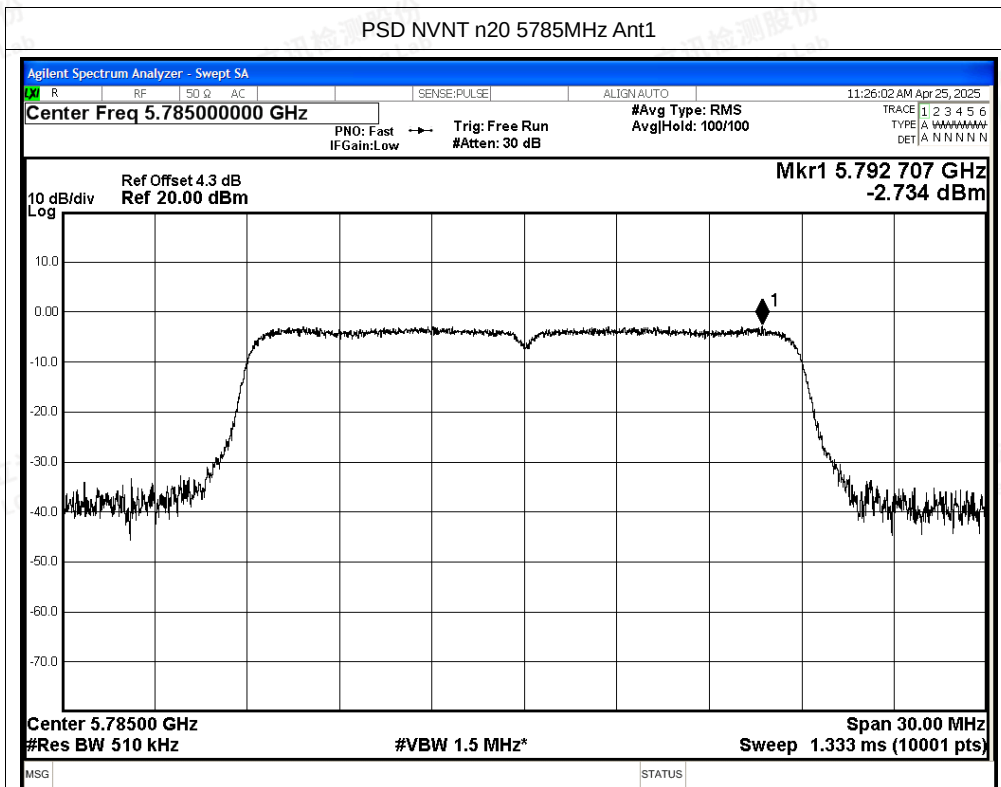


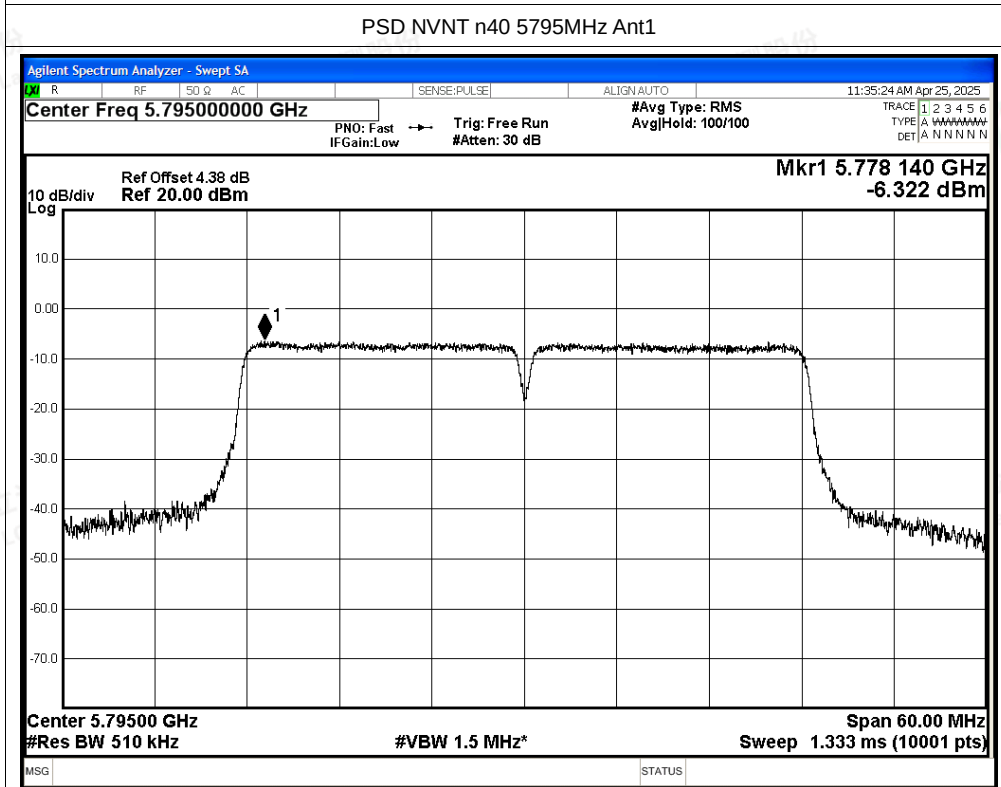
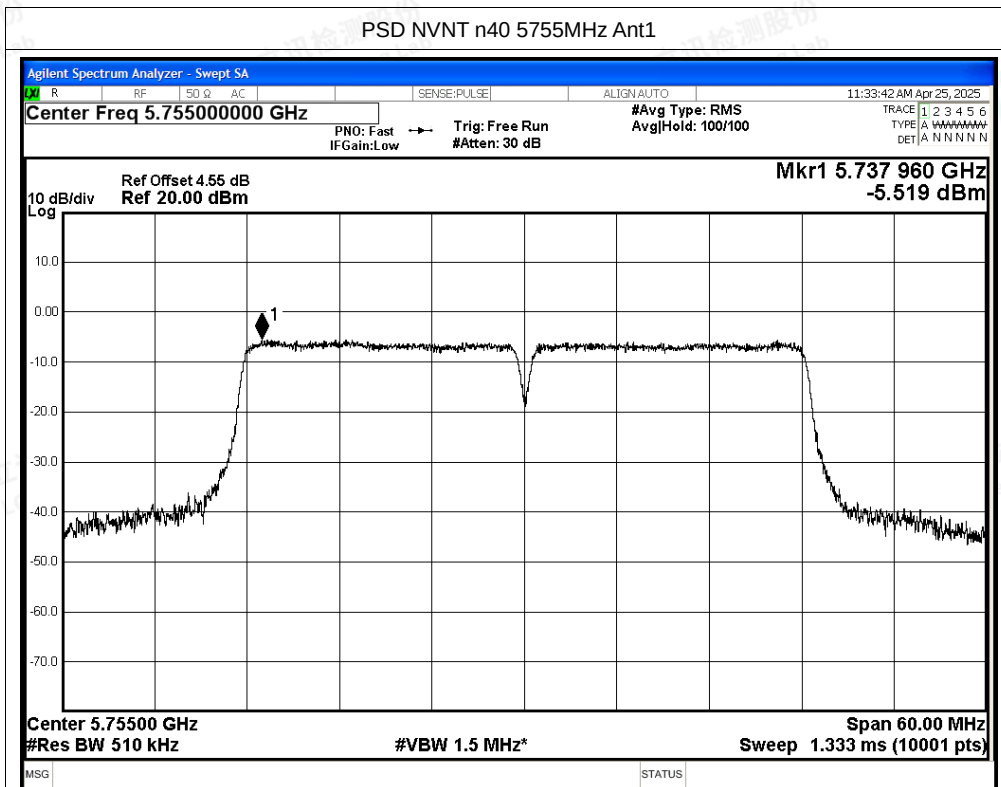
PSD NVNT a 5825MHz Ant1

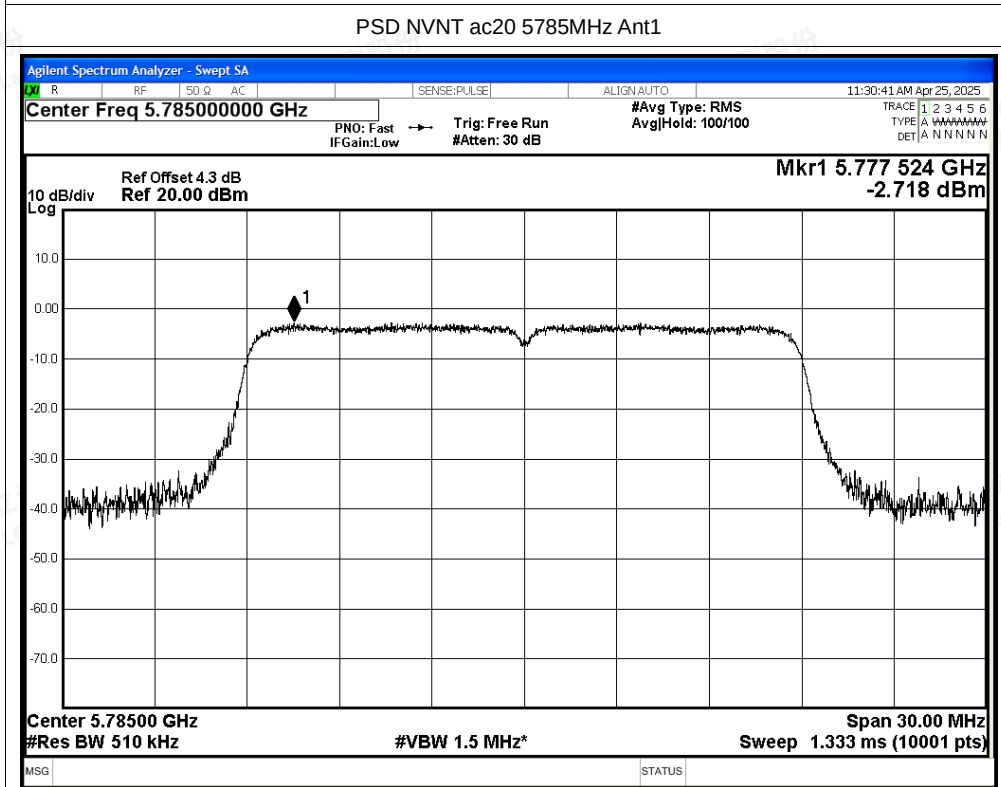
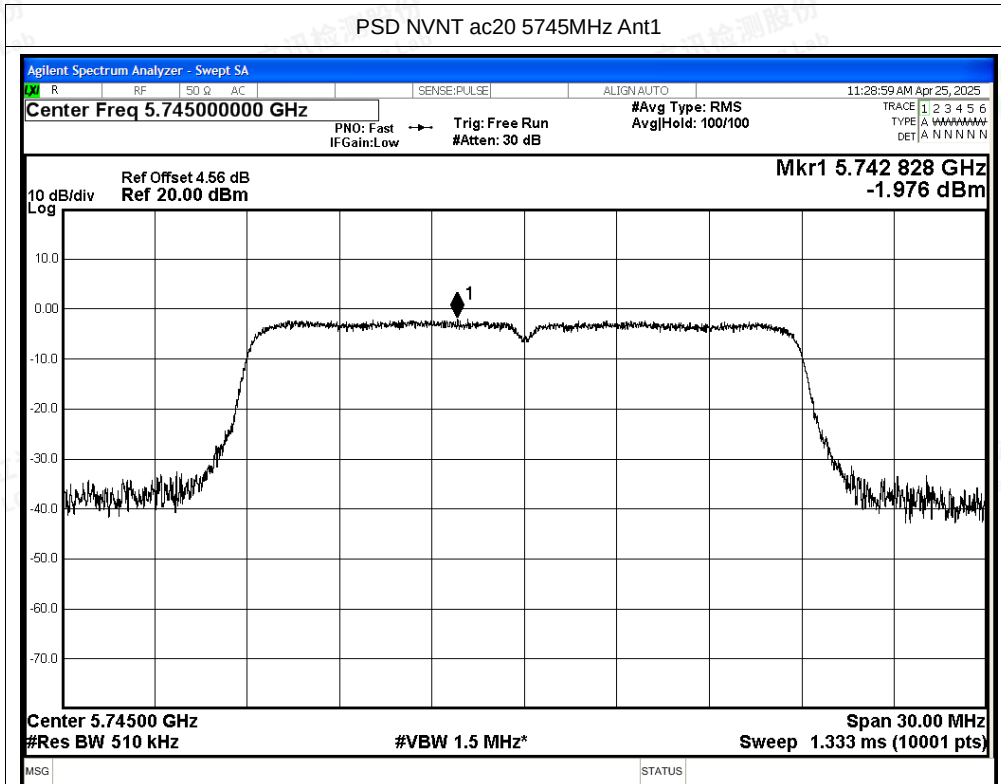


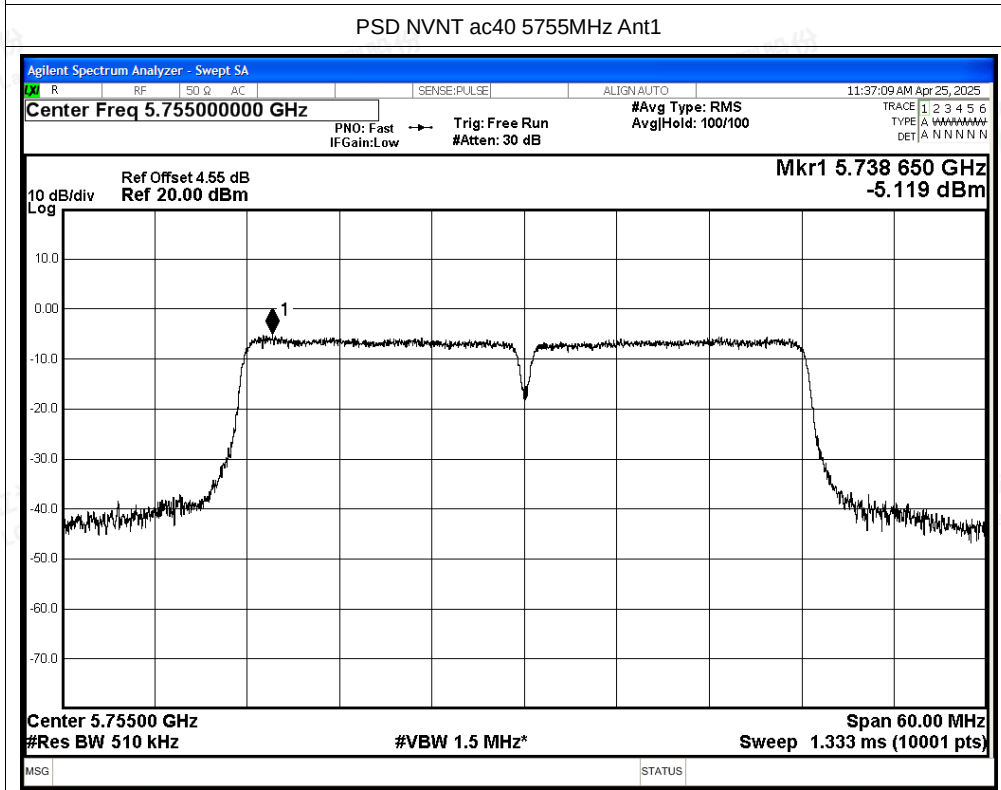
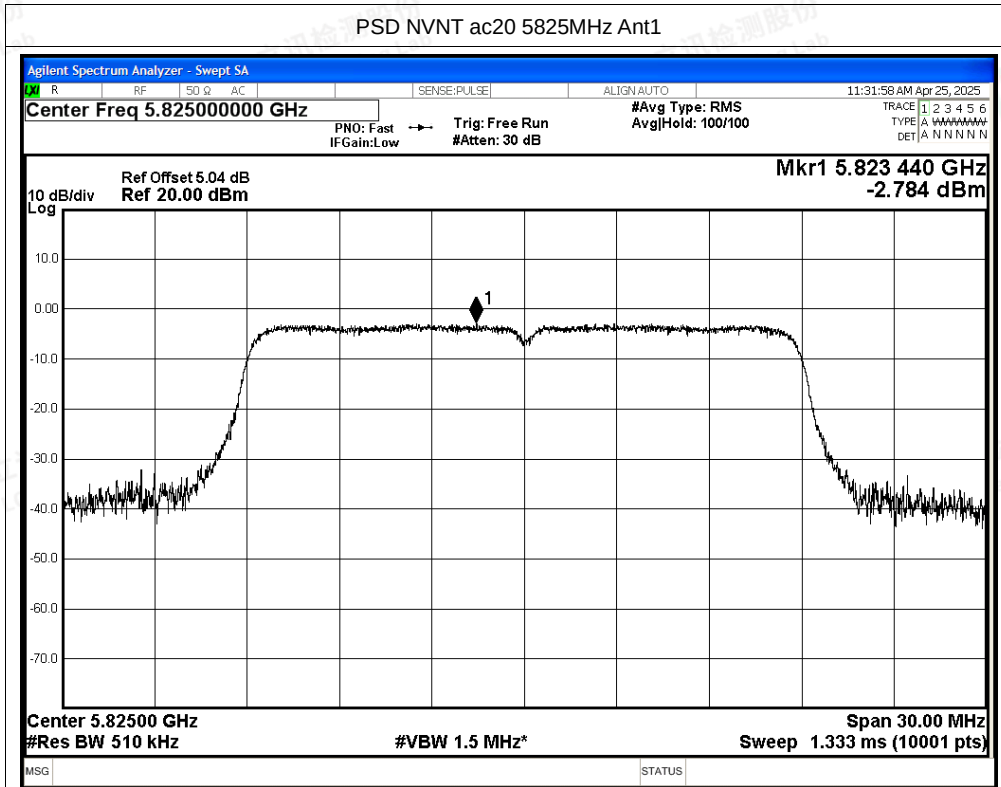
PSD NVNT n20 5745MHz Ant1

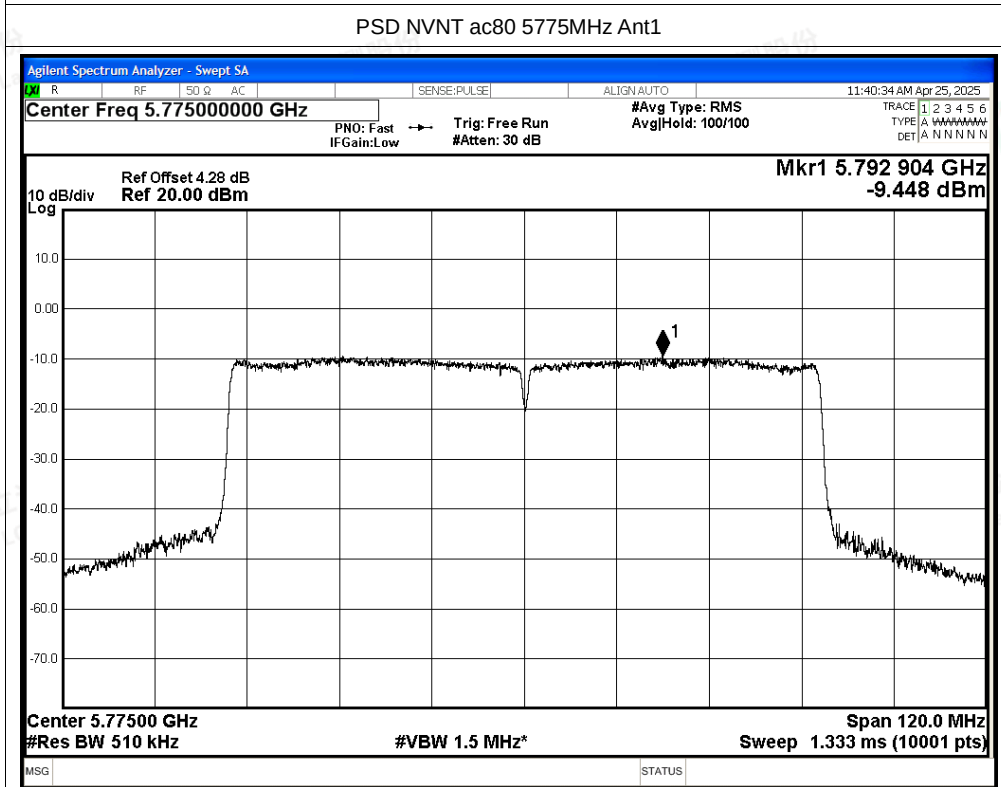
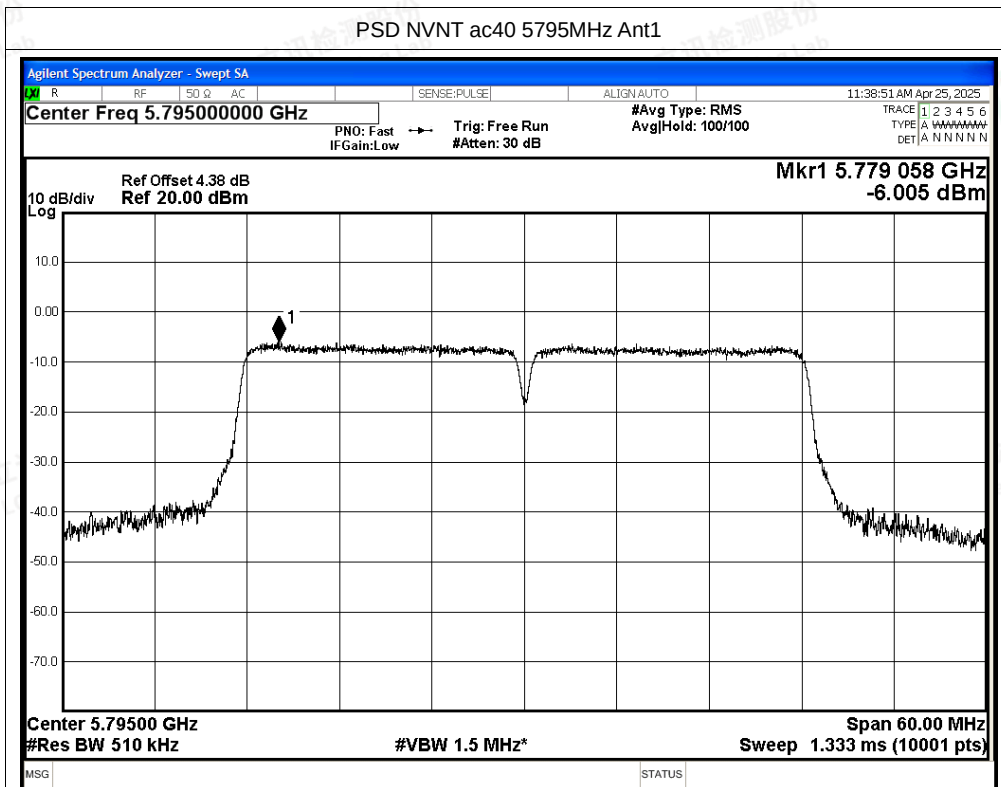














## E.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | EIRP Power (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -48.28      | 2          | -                | -46.28           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -55.73      | 2          | 0.24             | -53.49           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -45.59      | 2          | -                | -43.59           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -53.32      | 2          | 0.24             | -51.08           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -32.69      | 2          | -                | -30.69           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -45.52      | 2          | 0.24             | -43.28           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -21.49      | 2          | -                | -19.49           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -42.3       | 2          | 0.24             | -40.06           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -34.42      | 2          | -                | -32.42           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -48.22      | 2          | 0.24             | -45.98           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -41.14      | 2          | -                | -39.14           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -51.94      | 2          | 0.24             | -49.7            | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -46.82      | 2          | -                | -44.82           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -54.36      | 2          | 0.24             | -52.12           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -46         | 2          | -                | -44              | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -54.67      | 2          | 0.24             | -52.43           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -46.82      | 2          | -                | -44.82           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -55.86      | 2          | 0.12             | -53.74           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -46.63      | 2          | -                | -44.63           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -54.54      | 2          | 0.12             | -52.42           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -33.39      | 2          | -                | -31.39           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -46.49      | 2          | 0.12             | -44.37           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -23.85      | 2          | -                | -21.85           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -39.86      | 2          | 0.12             | -37.74           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -32.28      | 2          | -                | -30.28           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -47.04      | 2          | 0.12             | -44.92           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -38.62      | 2          | -                | -36.62           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -50.43      | 2          | 0.12             | -48.31           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -45.29      | 2          | -                | -43.29           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -54.27      | 2          | 0.12             | -52.15           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -47.7       | 2          | -                | -45.7            | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -55.57      | 2          | 0.12             | -53.45           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -46.95      | 2          | -                | -44.95           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -55.94      | 2          | 0.23             | -53.71           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -45.8       | 2          | -                | -43.8            | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -54.22      | 2          | 0.23             | -51.99           | Average  | 10          | Pass    |



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|      |      |      |      |      |        |   |      |        |         |      |      |
|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5720 | -30.13 | 2 | -    | -28.13 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5720 | -44.57 | 2 | 0.23 | -42.34 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -25.42 | 2 | -    | -23.42 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -39.96 | 2 | 0.23 | -37.73 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -46.25 | 2 | -    | -44.25 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -55.26 | 2 | 0.24 | -53.02 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -46.89 | 2 | -    | -44.89 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -55.4  | 2 | 0.24 | -53.16 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -48.96 | 2 | -    | -46.96 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -56.84 | 2 | 0.24 | -54.6  | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -47.8  | 2 | -    | -45.8  | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -56.36 | 2 | 0.24 | -54.12 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -47.35 | 2 | -    | -45.35 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -55.52 | 2 | 0.12 | -53.4  | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -45.66 | 2 | -    | -43.66 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.43 | 2 | 0.12 | -52.31 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -31.06 | 2 | -    | -29.06 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -44.4  | 2 | 0.12 | -42.28 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -24.57 | 2 | -    | -22.57 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -38.86 | 2 | 0.12 | -36.74 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -31.12 | 2 | -    | -29.12 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -45.57 | 2 | 0.12 | -43.45 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -38.81 | 2 | -    | -36.81 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -49.55 | 2 | 0.12 | -47.43 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -45.73 | 2 | -    | -43.73 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -54.27 | 2 | 0.12 | -52.15 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -47.38 | 2 | -    | -45.38 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -55.16 | 2 | 0.12 | -53.04 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -47    | 2 | -    | -45    | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -56.31 | 2 | 0.24 | -54.07 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -43.54 | 2 | -    | -41.54 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -53.51 | 2 | 0.24 | -51.27 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -28.6  | 2 | -    | -26.6  | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -45.69 | 2 | 0.24 | -43.45 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -23.76 | 2 | -    | -21.76 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -39.99 | 2 | 0.24 | -37.75 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -47.48 | 2 | -    | -45.48 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -55.91 | 2 | 0.24 | -53.67 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -46.5  | 2 | -    | -44.5  | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -55.11 | 2 | 0.24 | -52.87 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -46.54 | 2 | -    | -44.54 | Peak    | 10   | Pass |





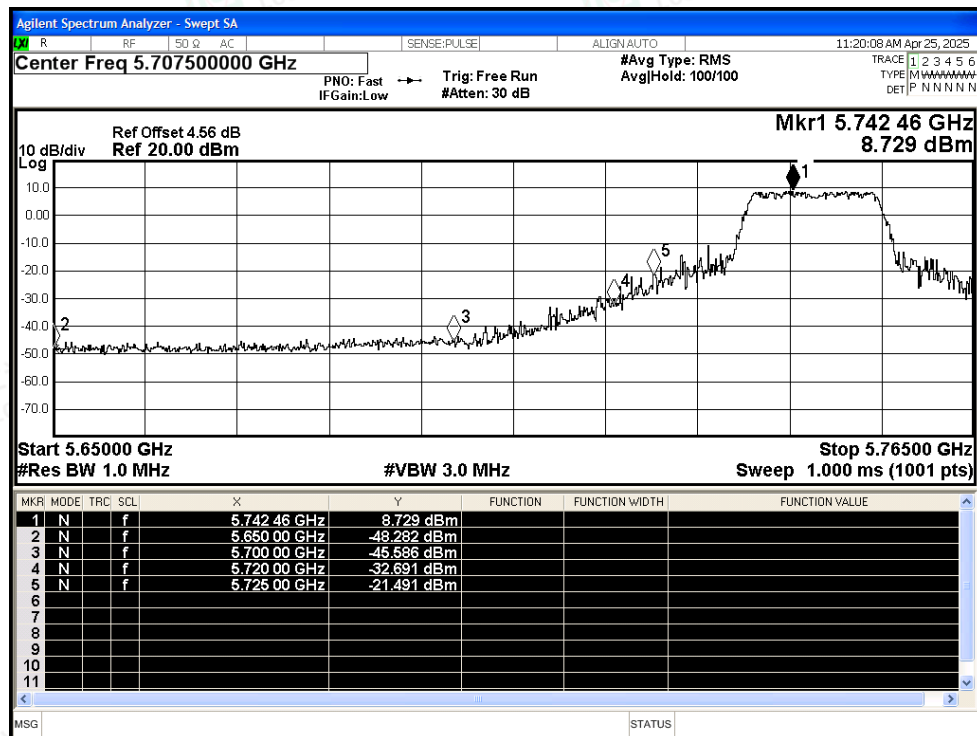
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|------|------|------|------|------|--------|---|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5875 | -56.16 | 2 | 0.24 | -53.92 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -47.25 | 2 | -    | -45.25 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -56.39 | 2 | 0.24 | -54.15 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -47.03 | 2 | -    | -45.03 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -54.59 | 2 | 0.47 | -52.12 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -43    | 2 | -    | -41    | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -52.47 | 2 | 0.47 | -50    | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -33.28 | 2 | -    | -31.28 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -48.81 | 2 | 0.47 | -46.34 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -34.28 | 2 | -    | -32.28 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -45.34 | 2 | 0.47 | -42.87 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -44    | 2 | -    | -42    | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -52.3  | 2 | 0.47 | -49.83 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -44.33 | 2 | -    | -42.33 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -52.68 | 2 | 0.47 | -50.21 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -46.36 | 2 | -    | -44.36 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -54.31 | 2 | 0.47 | -51.84 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -48.69 | 2 | -    | -46.69 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -55.91 | 2 | 0.47 | -53.44 | Average | -27  | Pass |



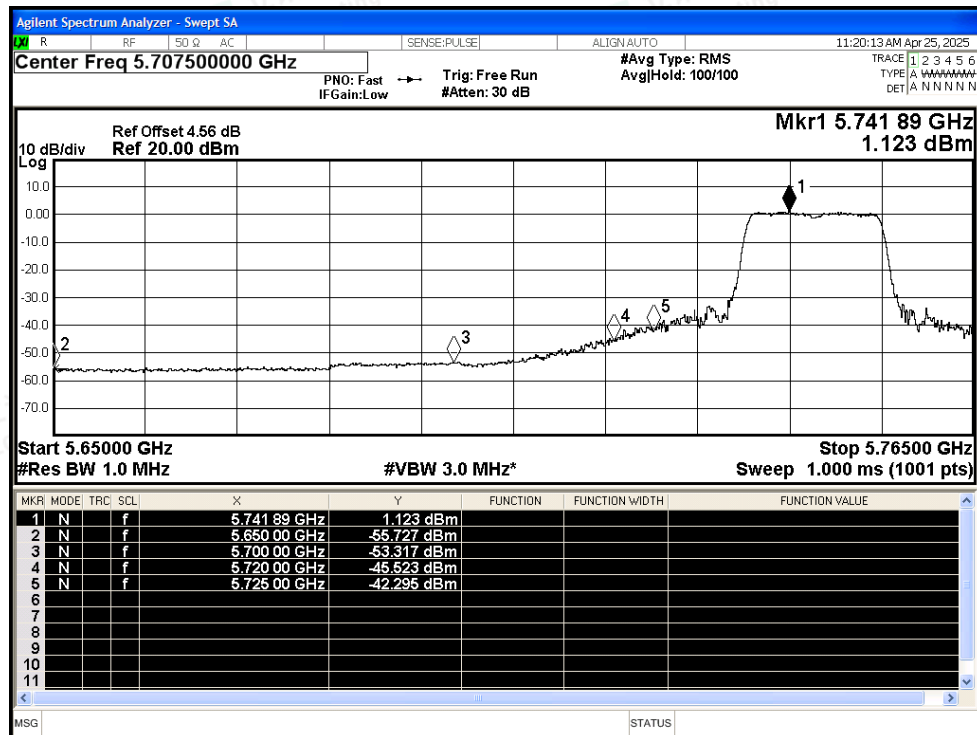


## Test Graphs

## Restrict Band NVNT a 5745MHz Ant1 Peak



## Restrict Band NVNT a 5745MHz Ant1 Average



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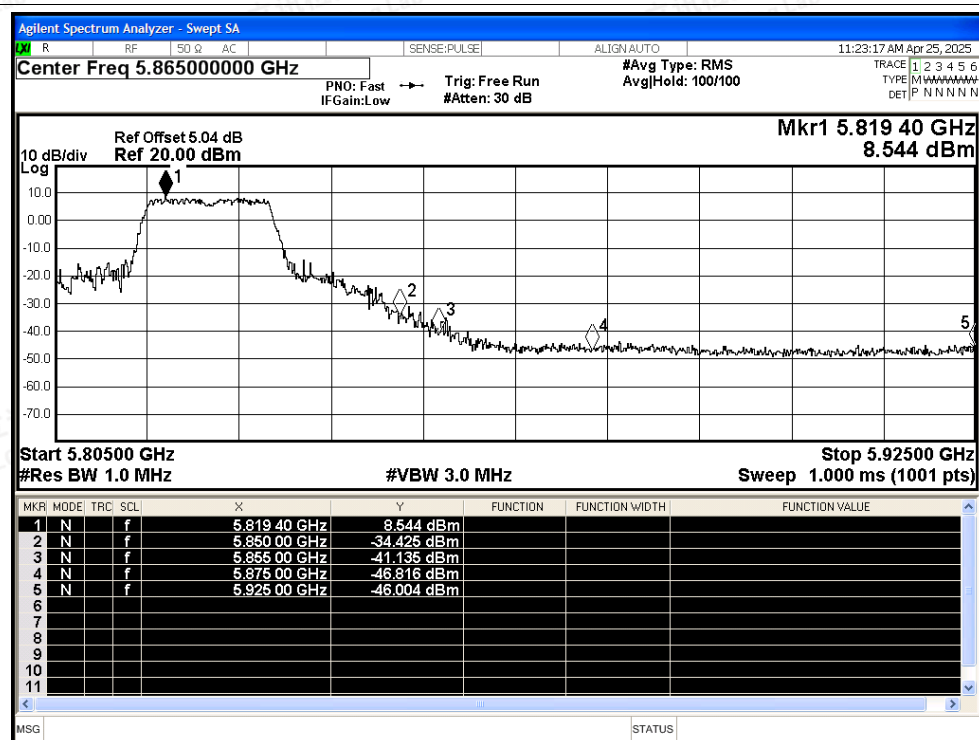
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

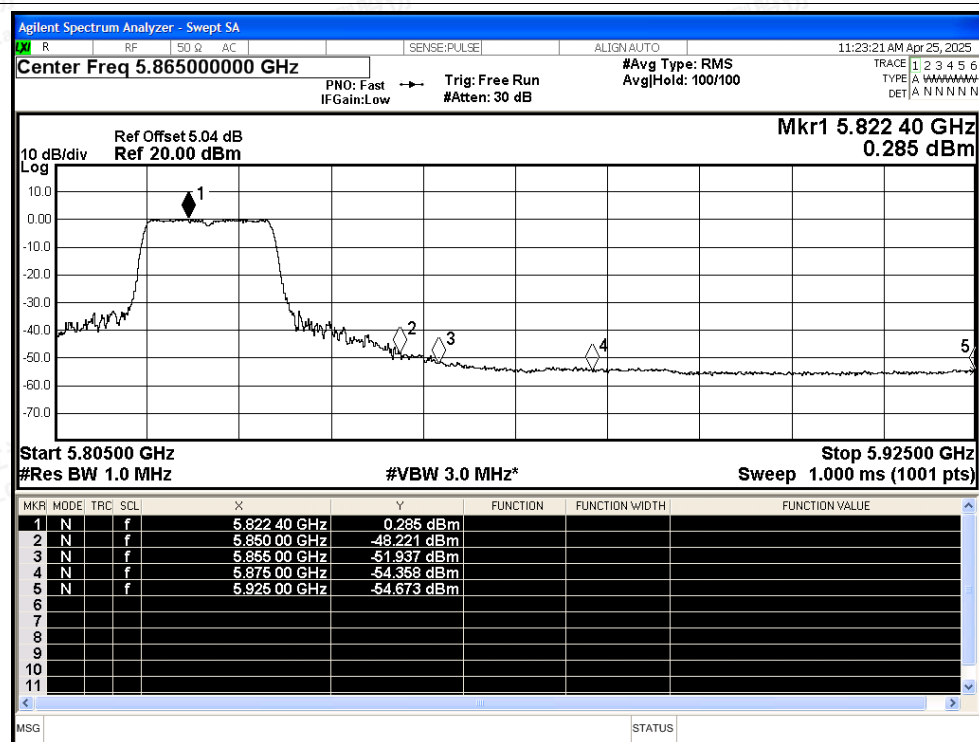
Scan code to check authenticity



## Restrict Band NVNT a 5825MHz Ant1 Peak



## Restrict Band NVNT a 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

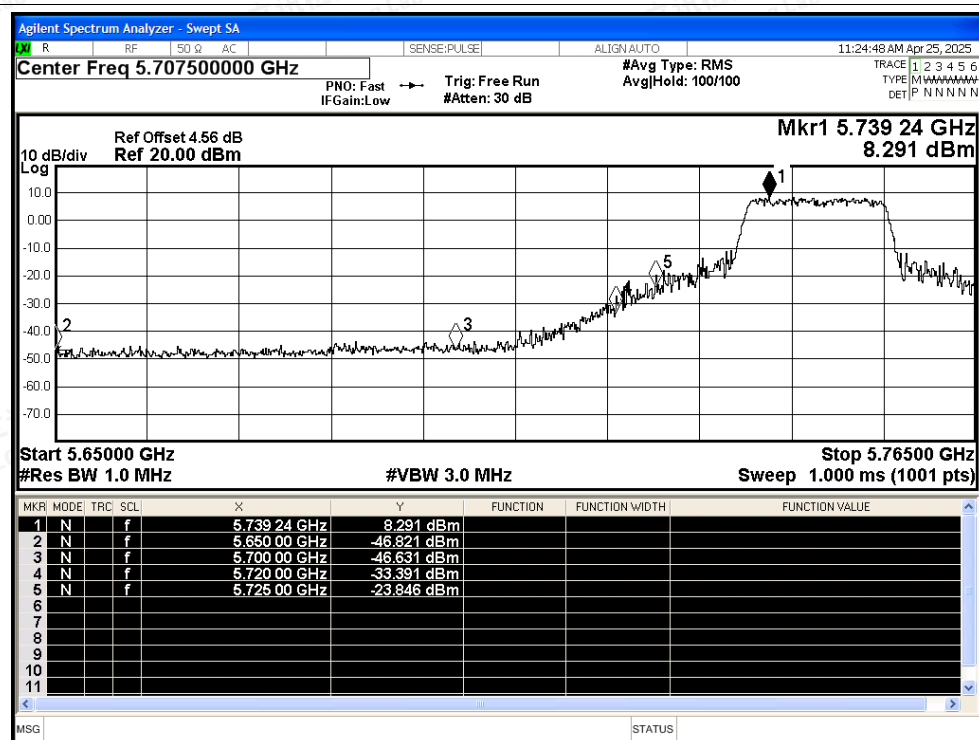
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

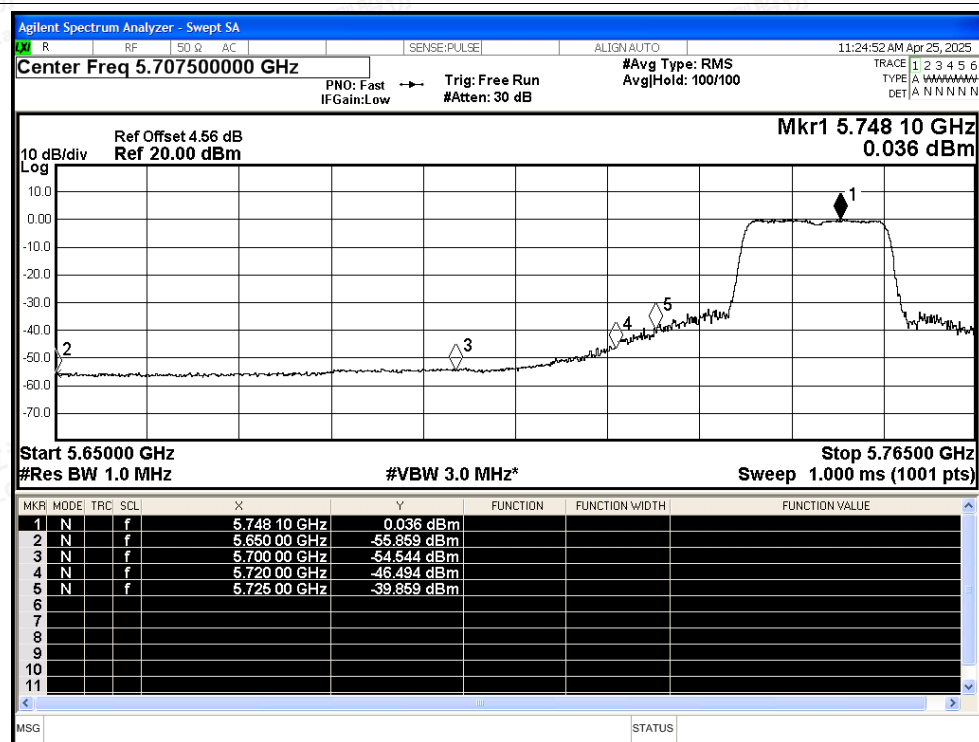
Scan code to check authenticity



## Restrict Band NVNT n20 5745MHz Ant1 Peak



## Restrict Band NVNT n20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

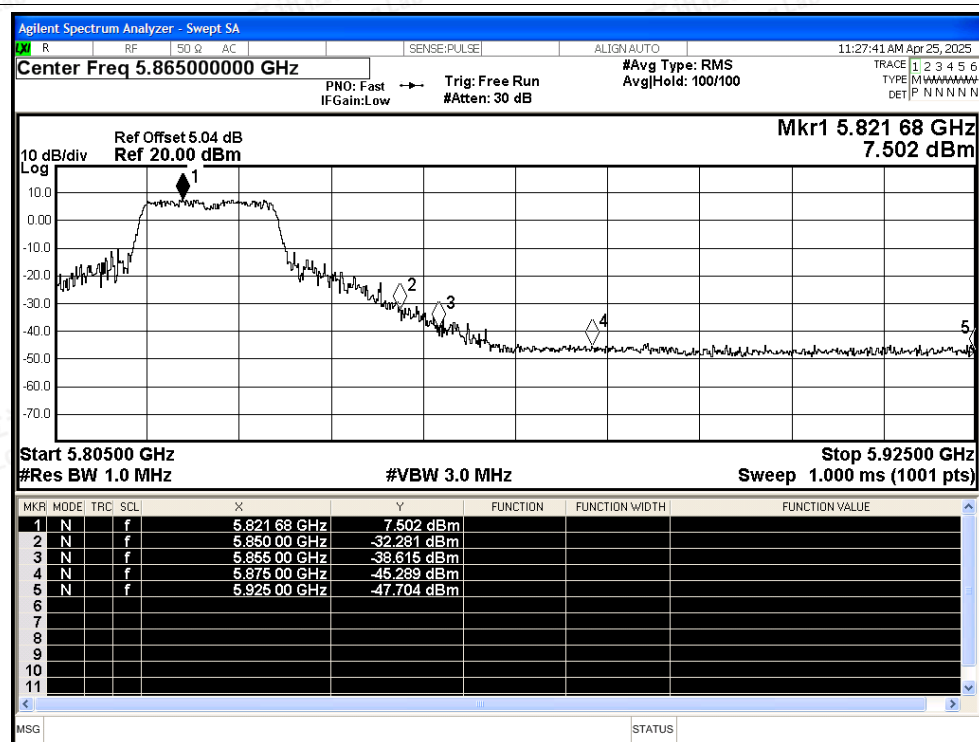
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

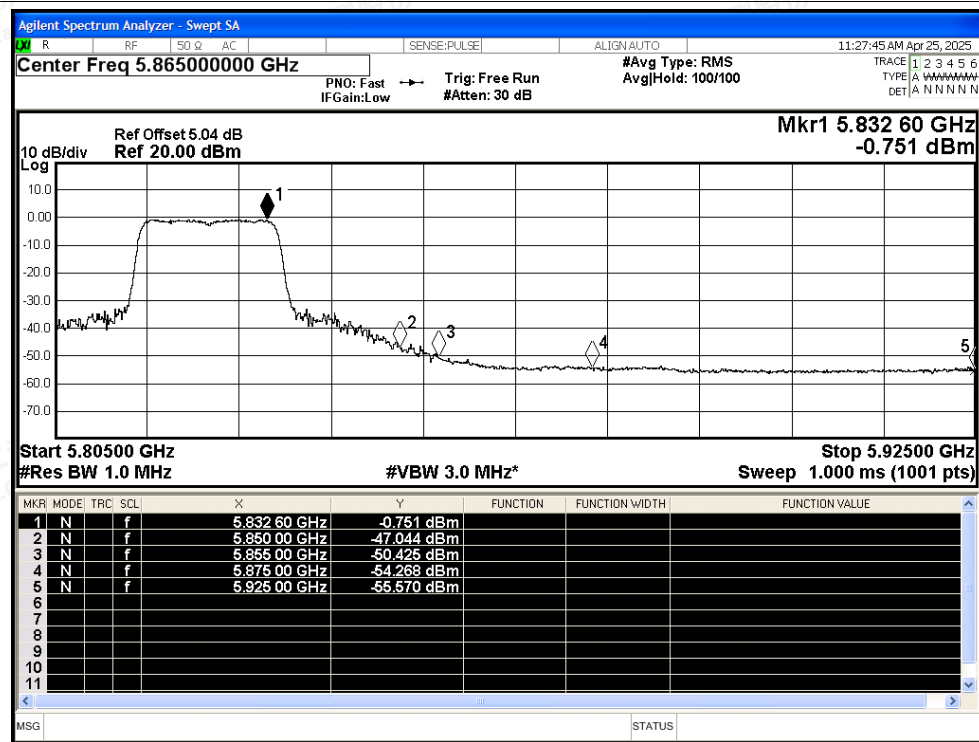
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## Restrict Band NVNT n20 5825MHz Ant1 Peak



## Restrict Band NVNT n20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

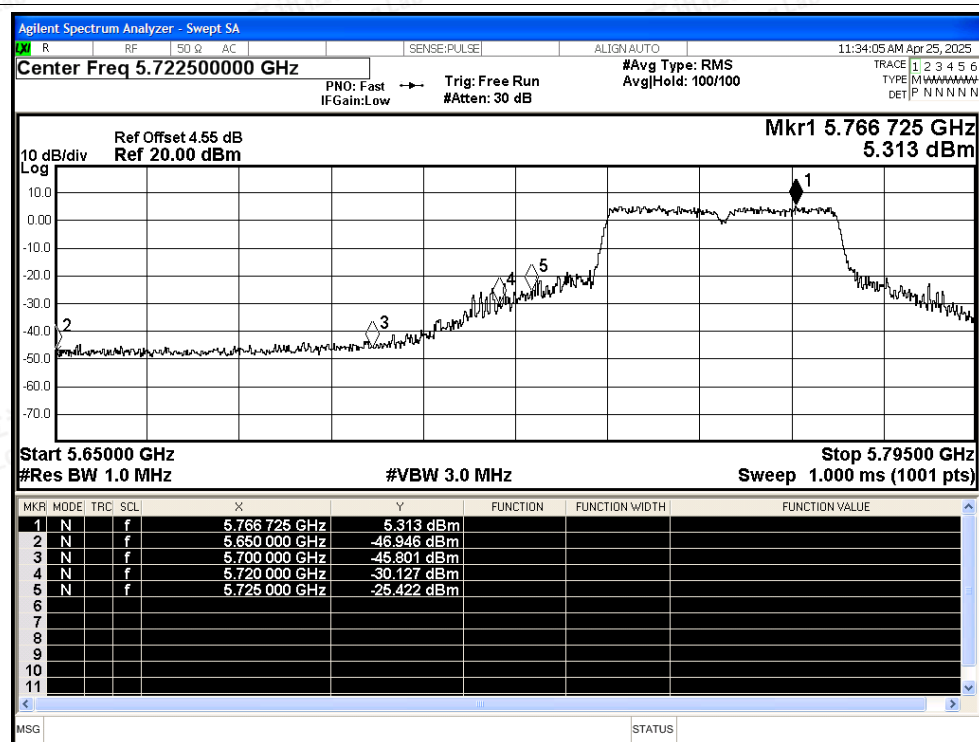
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

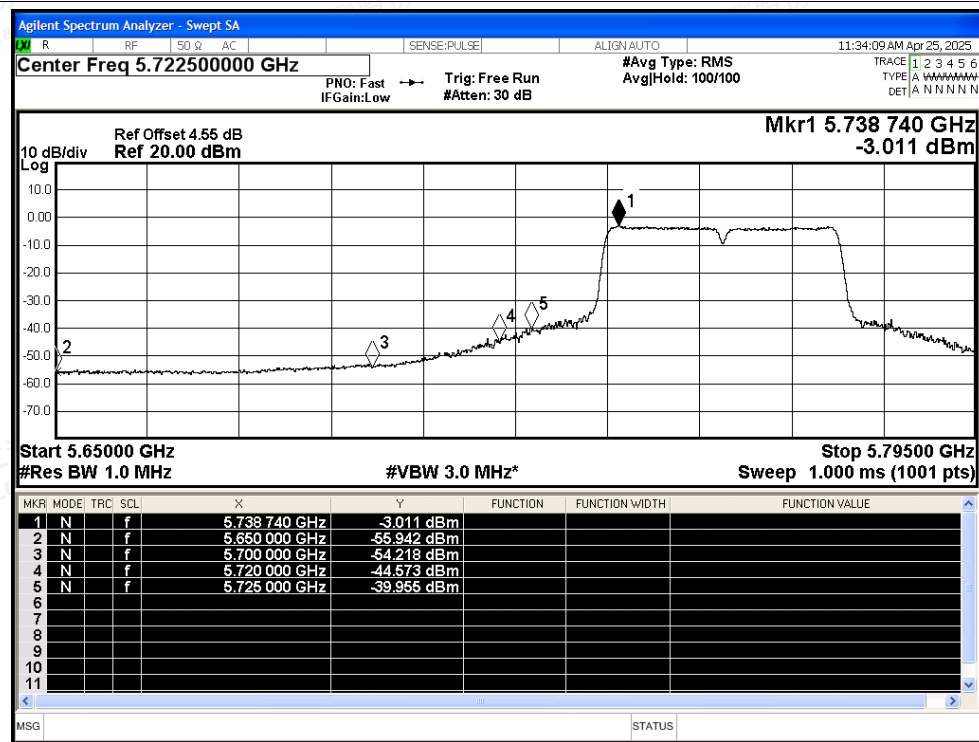
Scan code to check authenticity



## Restrict Band NVNT n40 5755MHz Ant1 Peak



## Restrict Band NVNT n40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

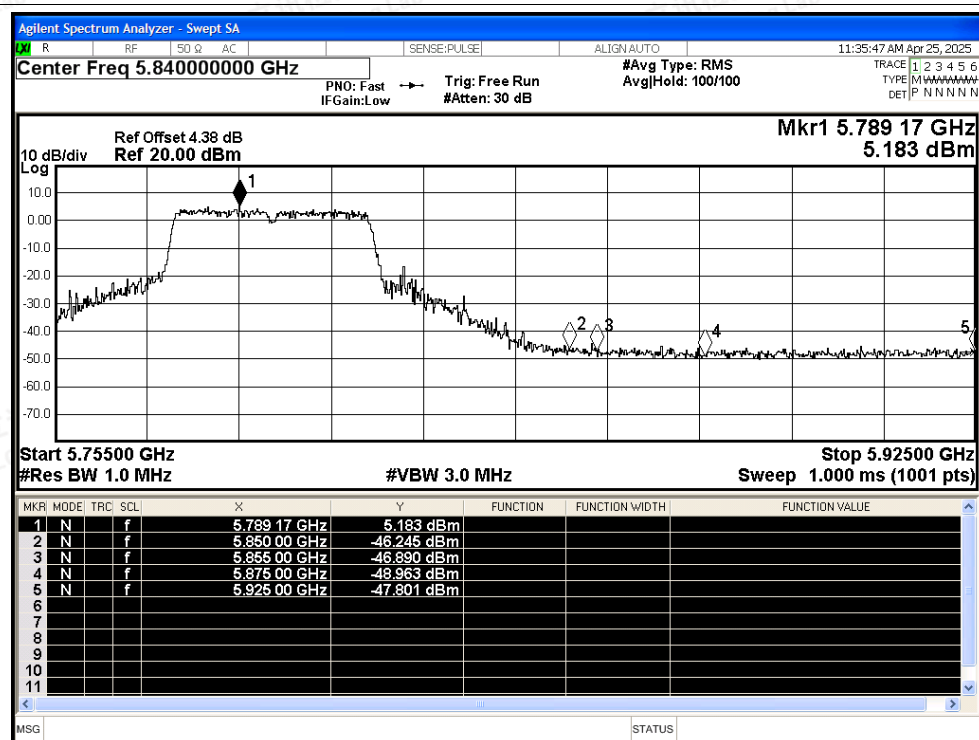
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

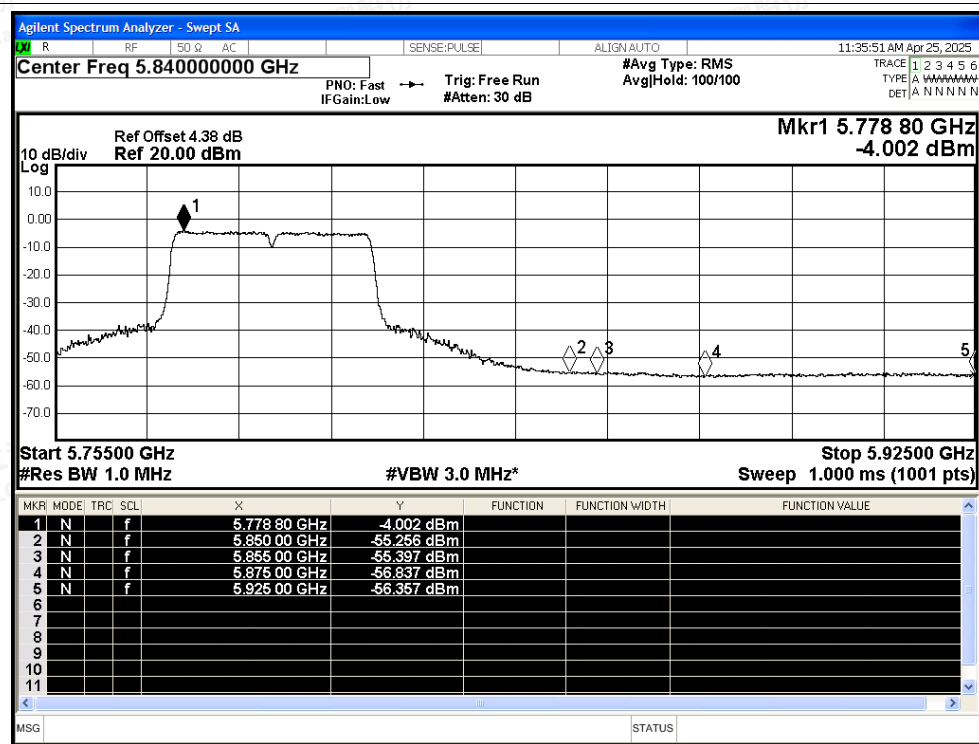
Scan code to check authenticity



## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

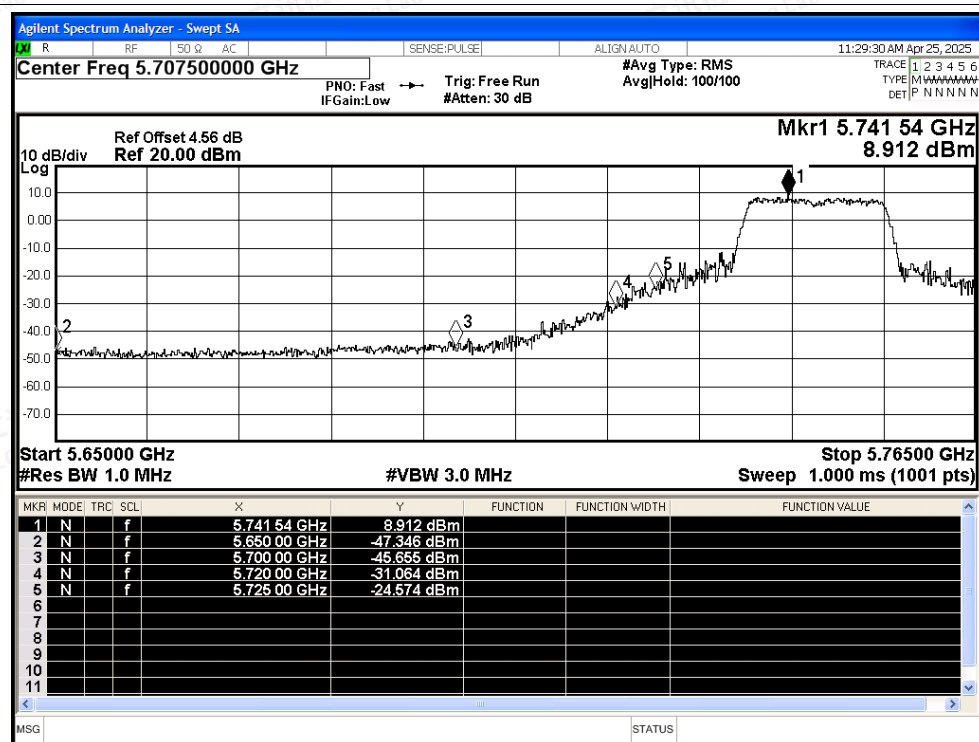
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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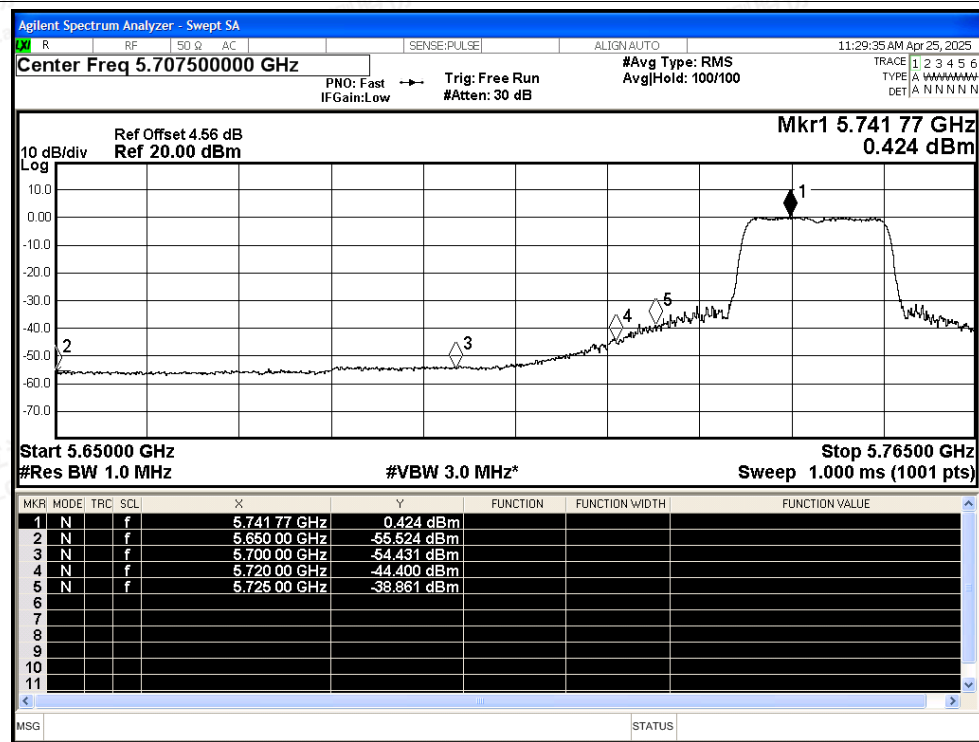
Scan code to check authenticity



## Restrict Band NVNT ac20 5745MHz Ant1 Peak



## Restrict Band NVNT ac20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

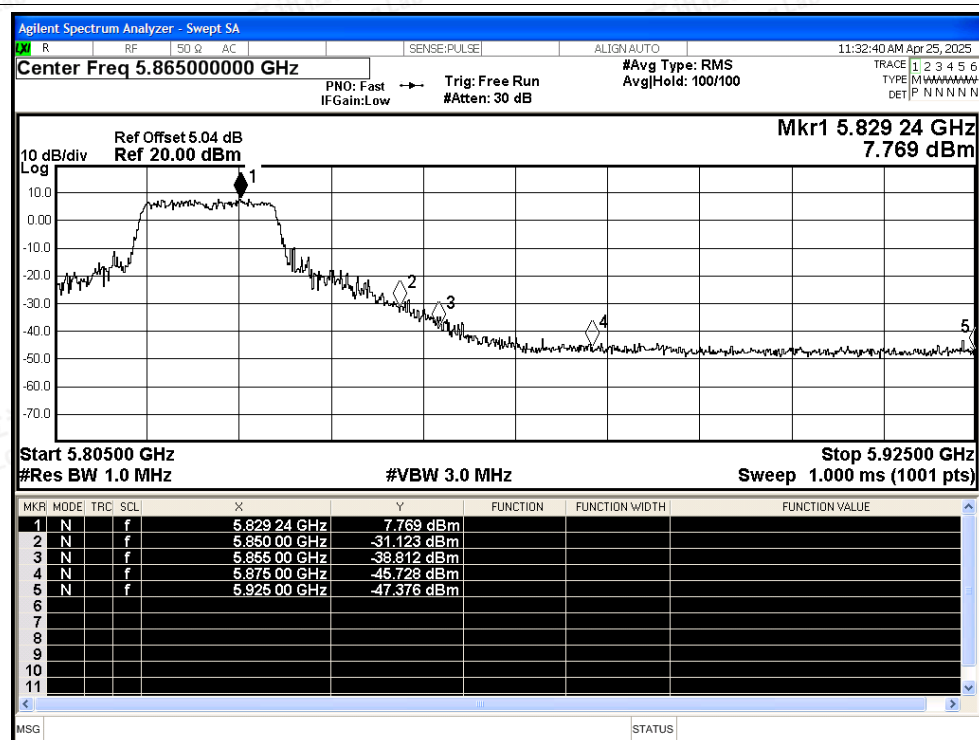
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

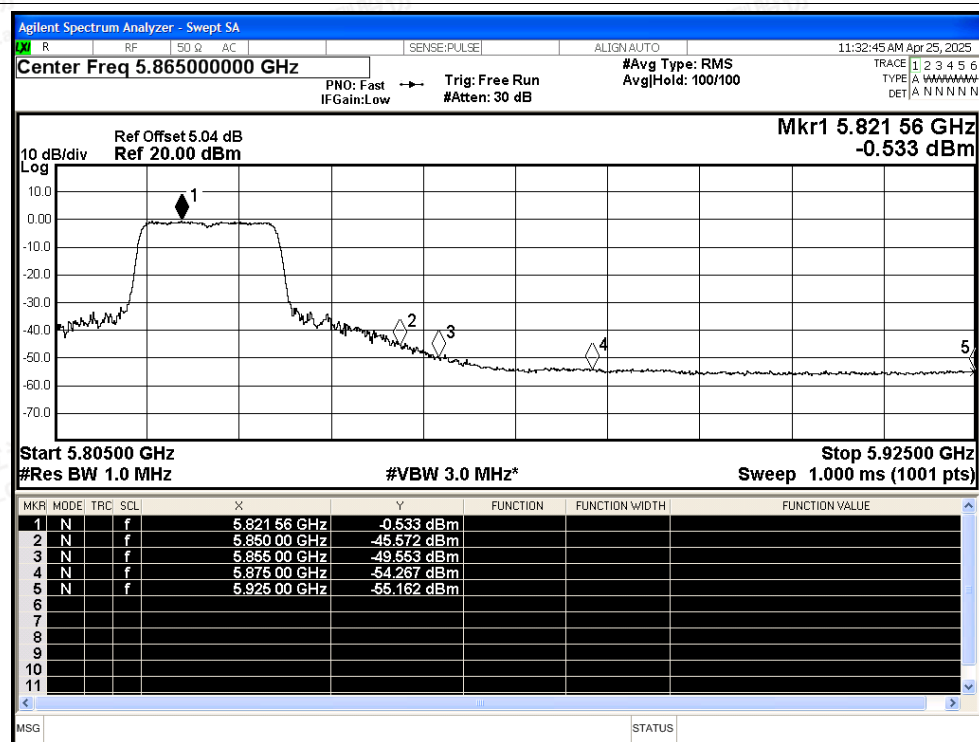
Scan code to check authenticity



## Restrict Band NVNT ac20 5825MHz Ant1 Peak



## Restrict Band NVNT ac20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

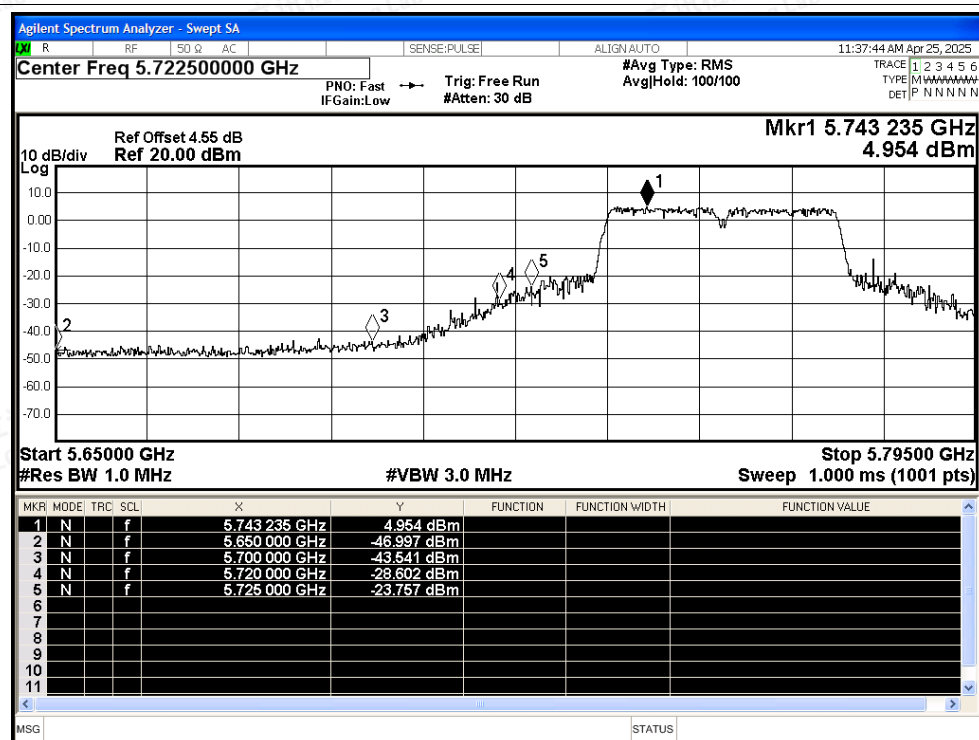
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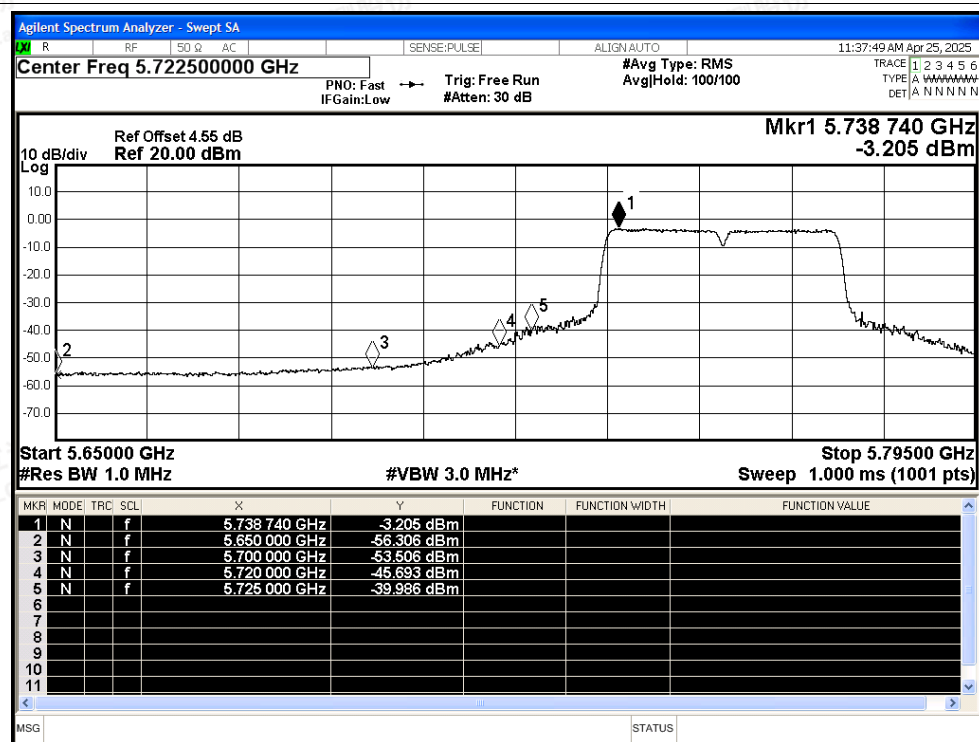
Scan code to check authenticity



## Restrict Band NVNT ac40 5755MHz Ant1 Peak



## Restrict Band NVNT ac40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

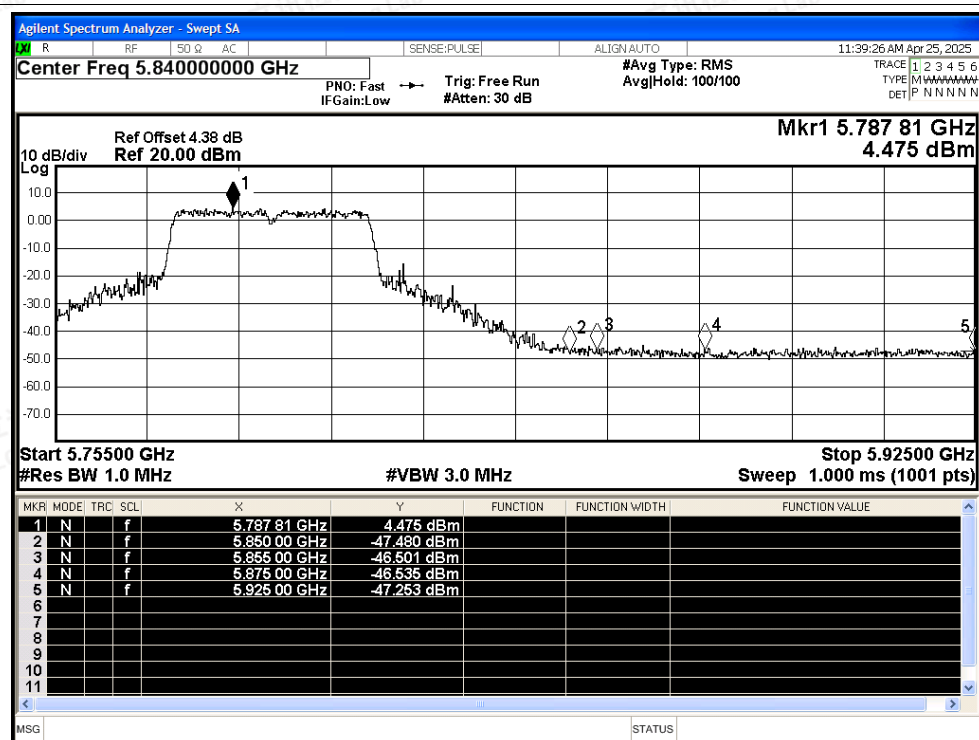
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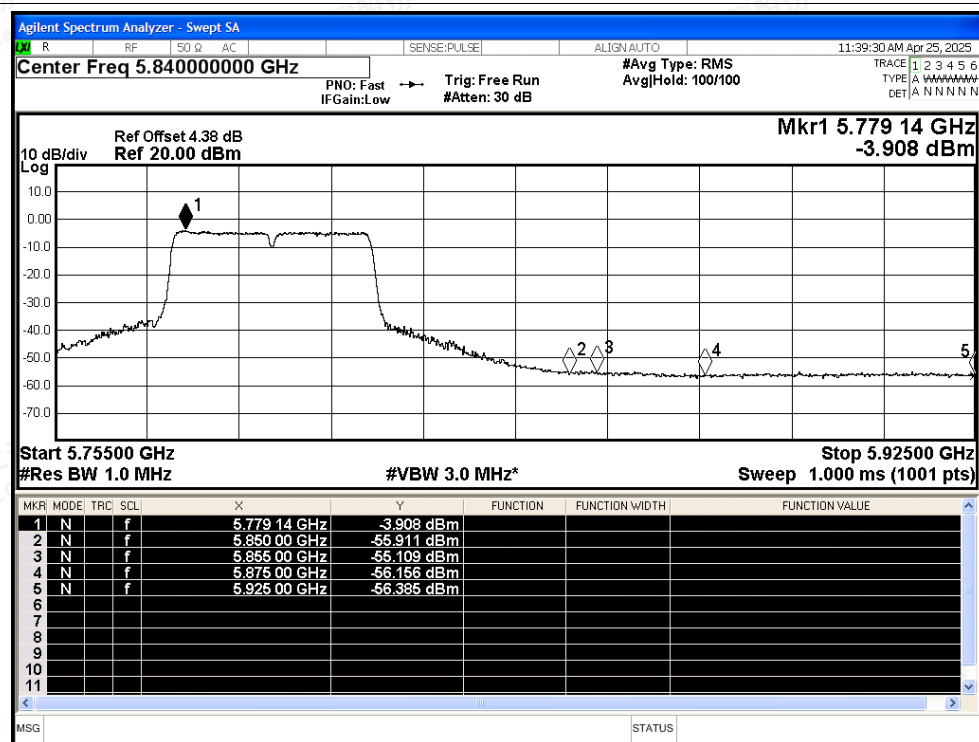
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## Restrict Band NVNT ac40 5795MHz Ant1 Peak



## Restrict Band NVNT ac40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

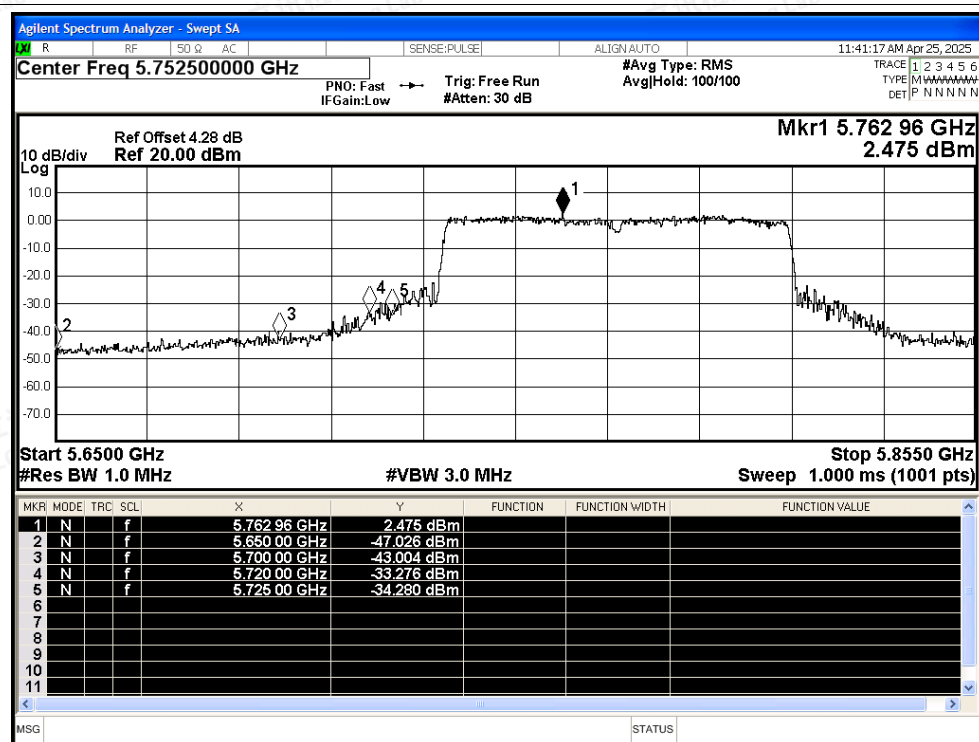
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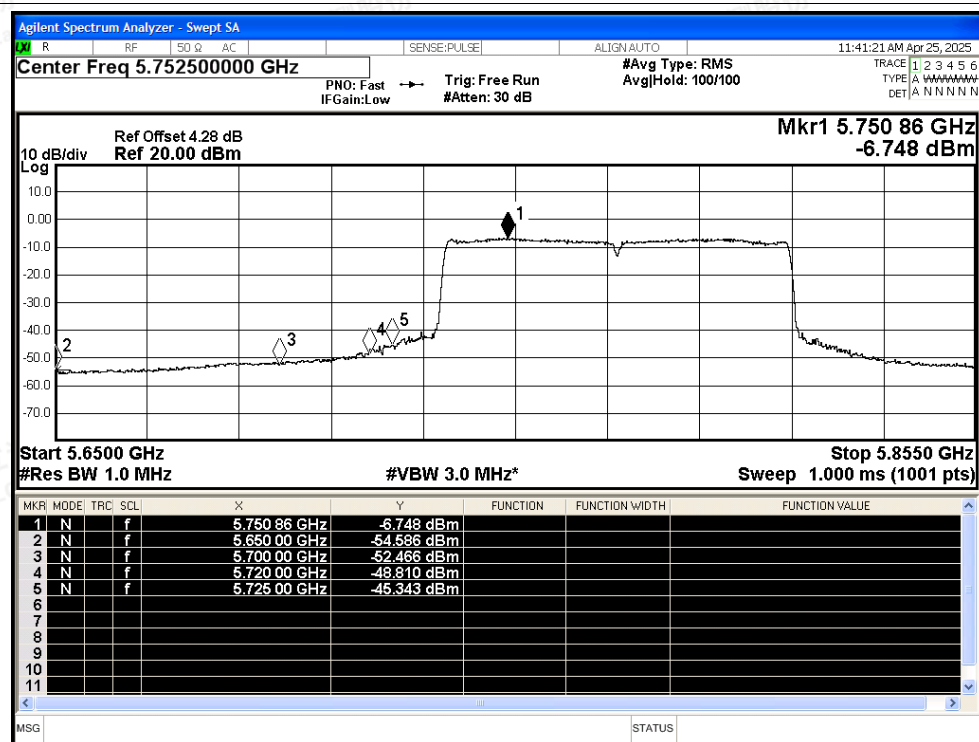
Scan code to check authenticity



## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

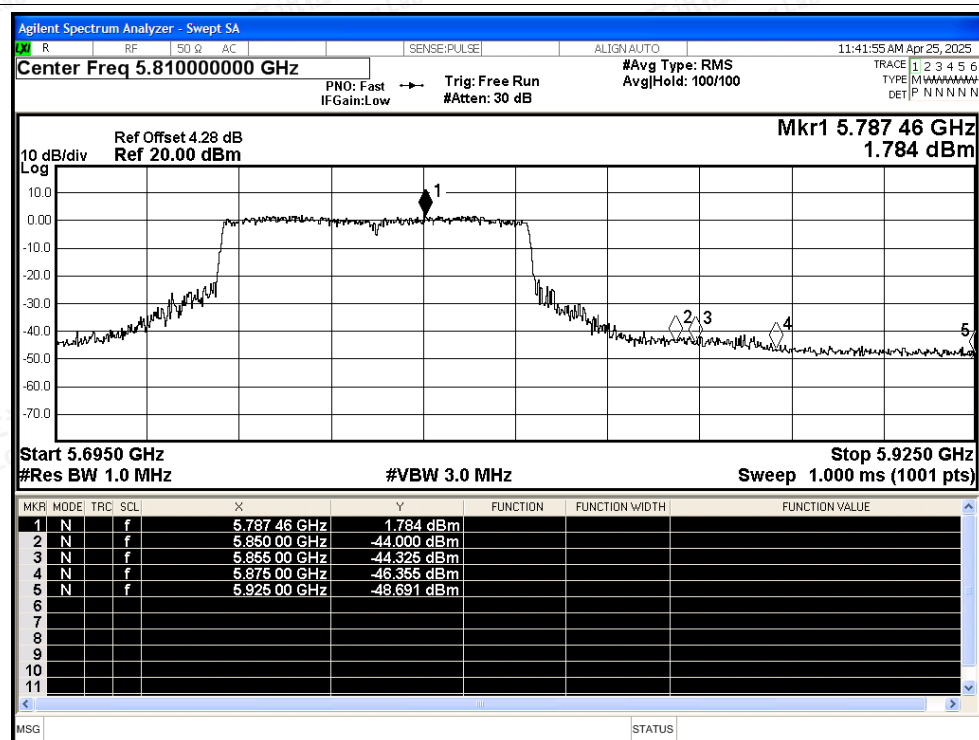
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

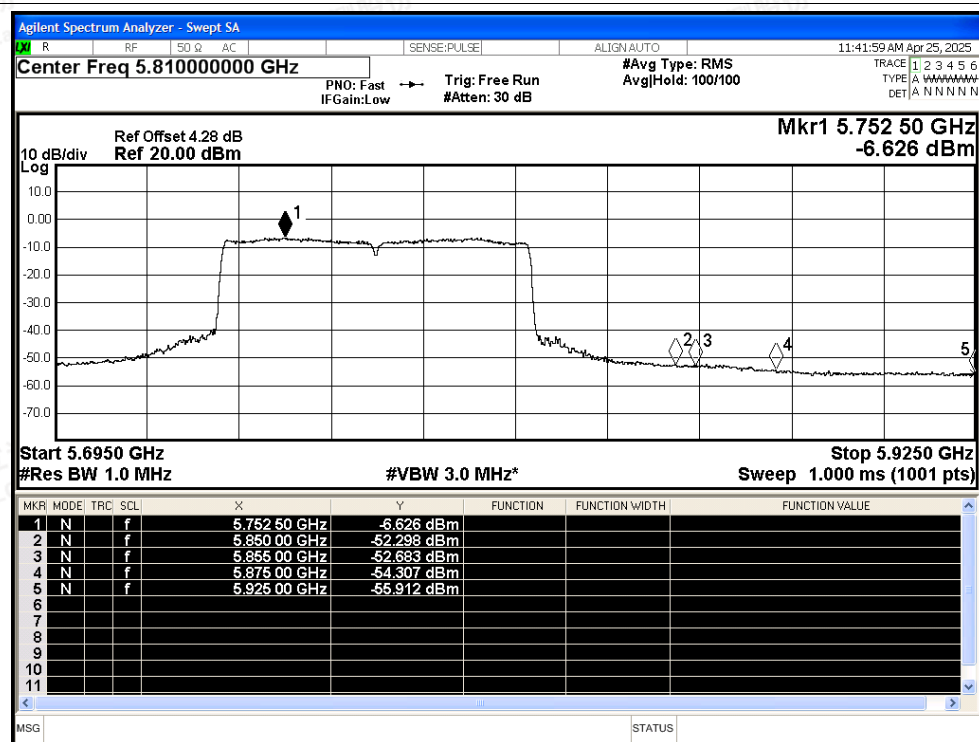
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## Restrict Band NVNT ac80 5775MHz Ant1 Peak



## Restrict Band NVNT ac80 5775MHz Ant1 Average



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## E.5 Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 5784.96                  | -40000               | -6.91           | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5825                     | 0                    | 0               | 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    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | 25          | Pass    |

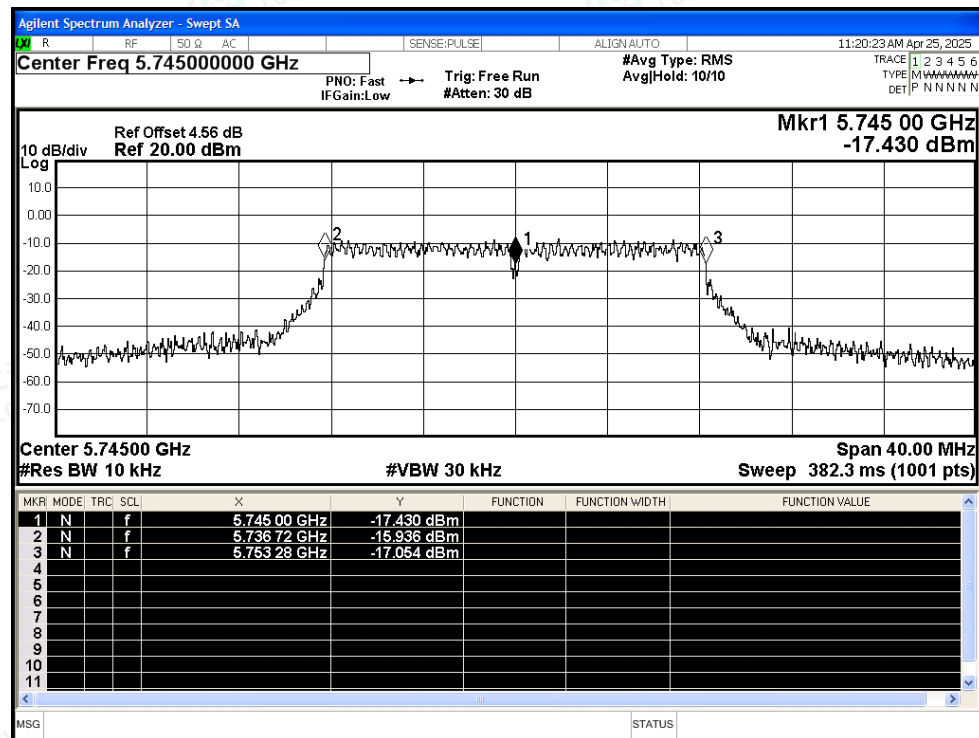


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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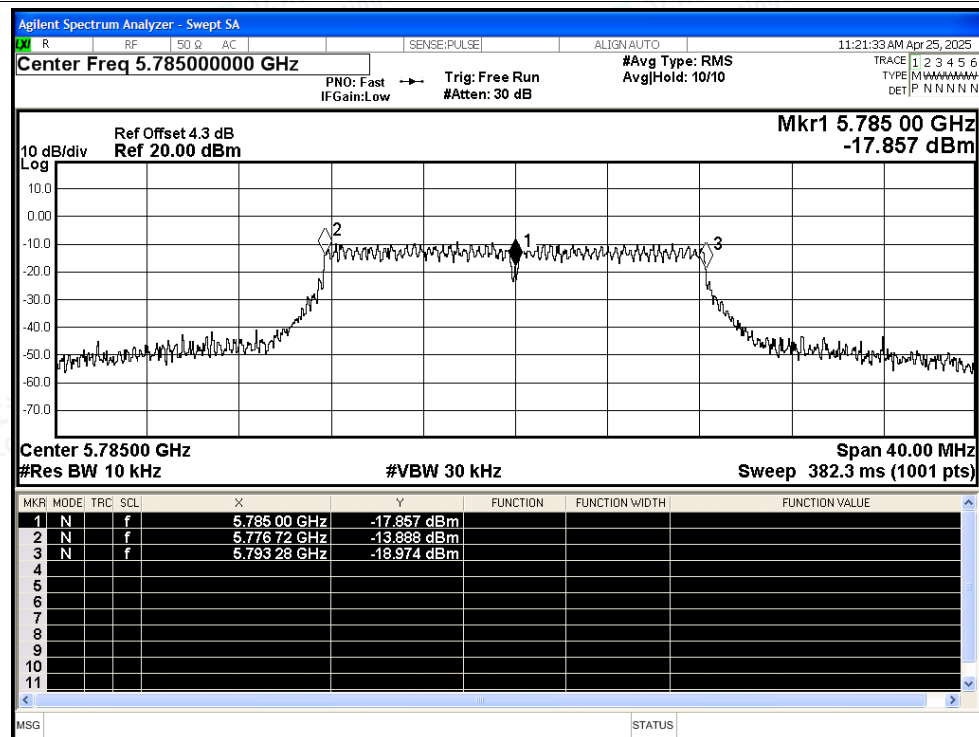


## Test Graphs

## Freq. Stability NVNT a 5745MHz Ant1



## Freq. Stability NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

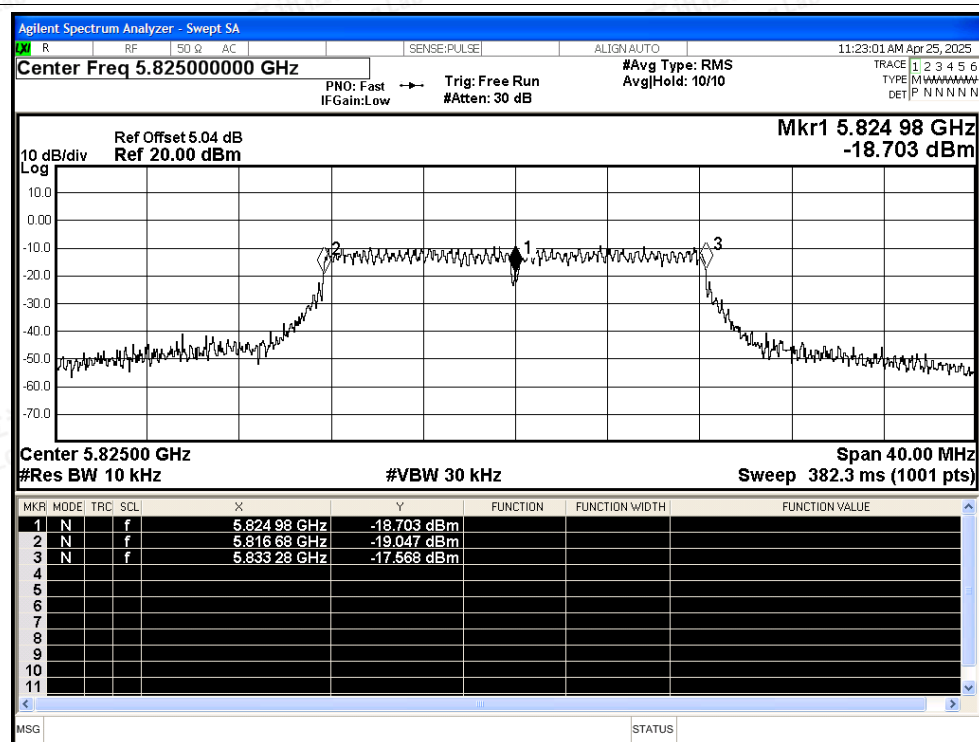
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

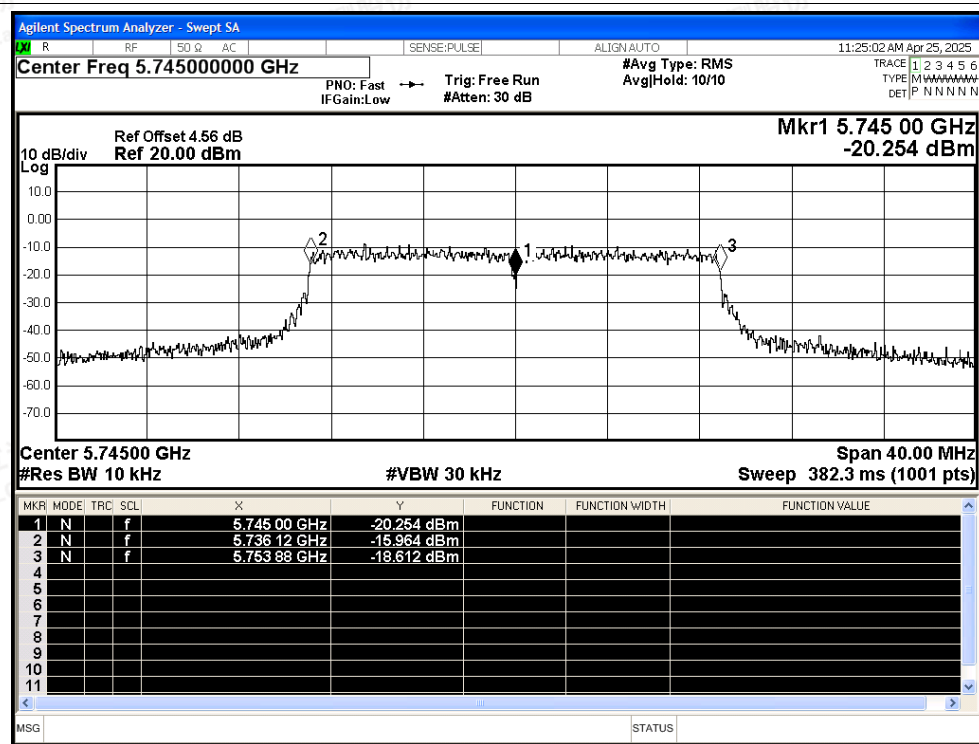
Scan code to check authenticity



## Freq. Stability NVNT a 5825MHz Ant1



## Freq. Stability NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

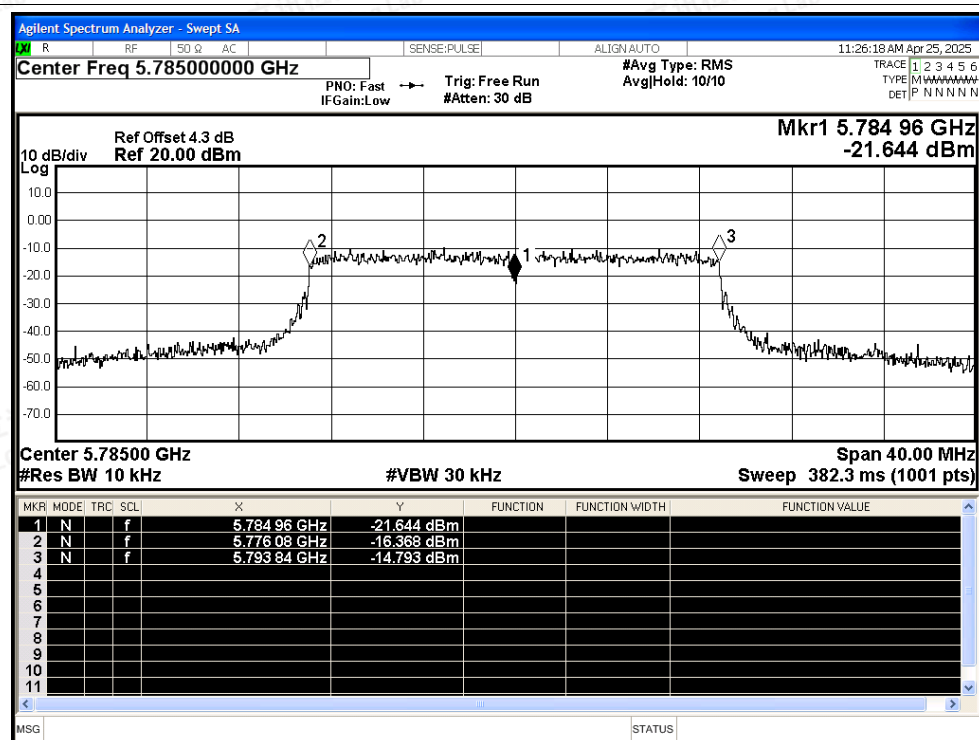
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

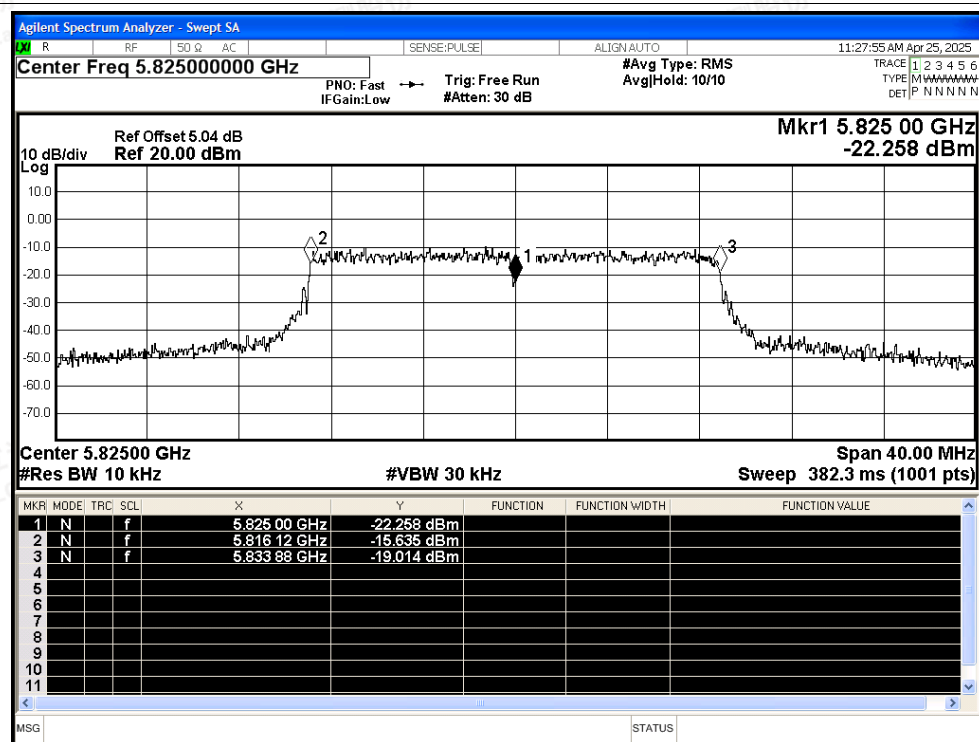
Scan code to check authenticity



## Freq. Stability NVNT n20 5785MHz Ant1



## Freq. Stability NVNT n20 5825MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

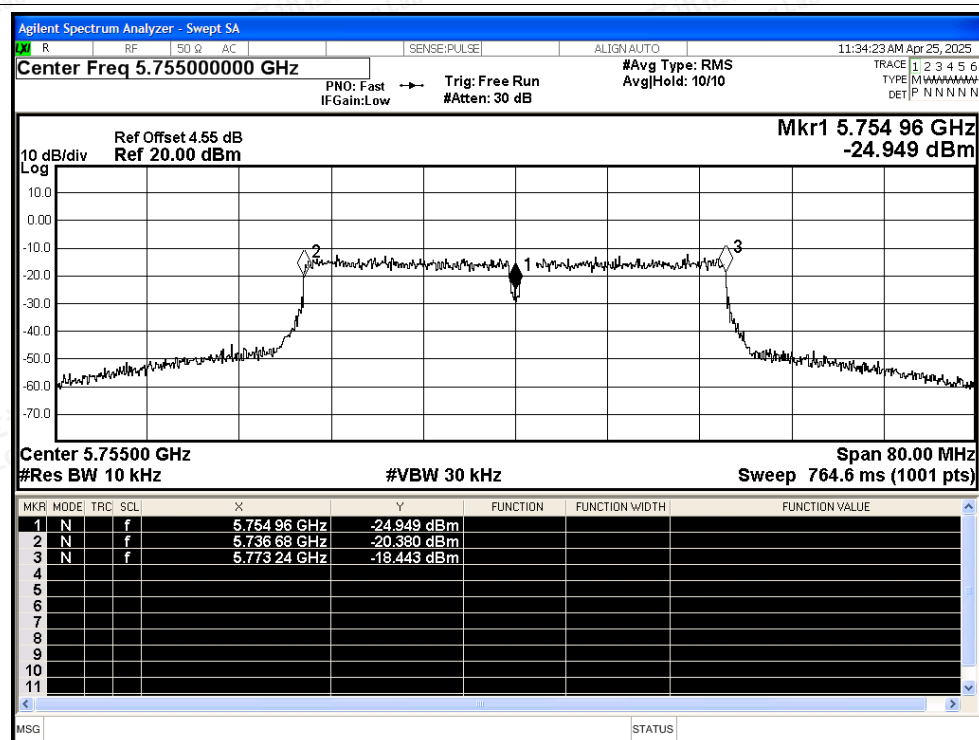
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

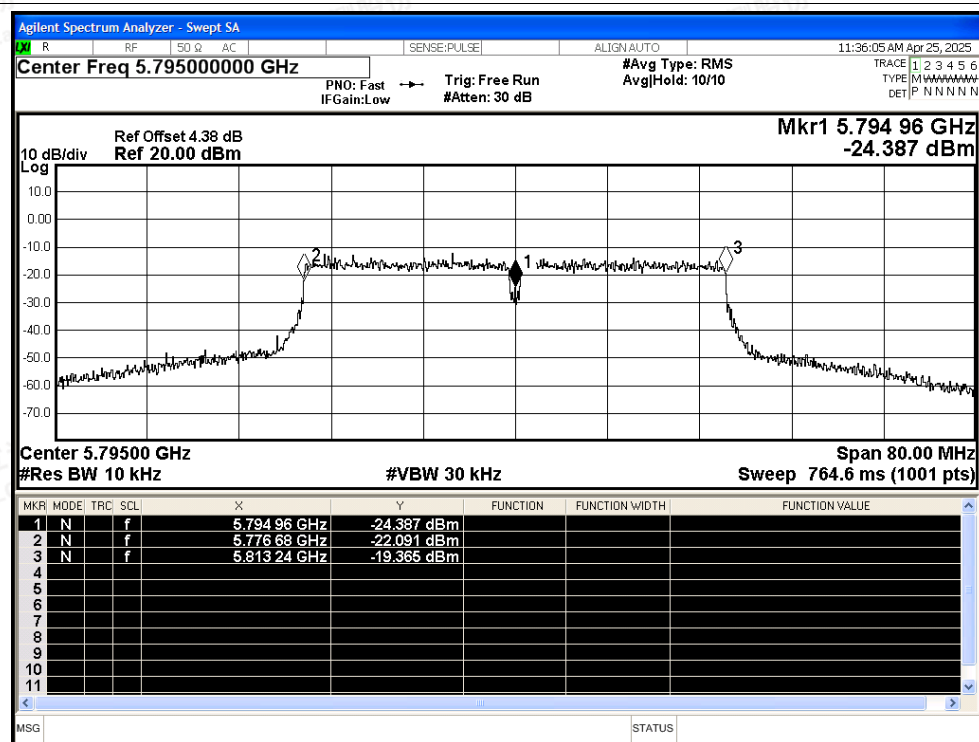
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## Freq. Stability NVNT n40 5755MHz Ant1



## Freq. Stability NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

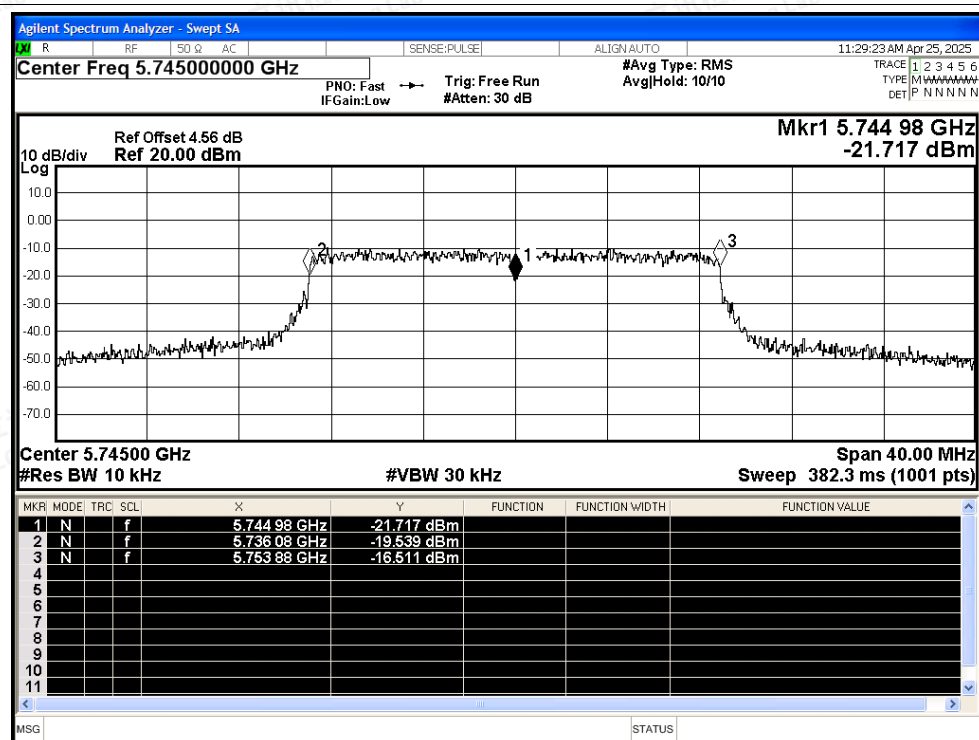
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

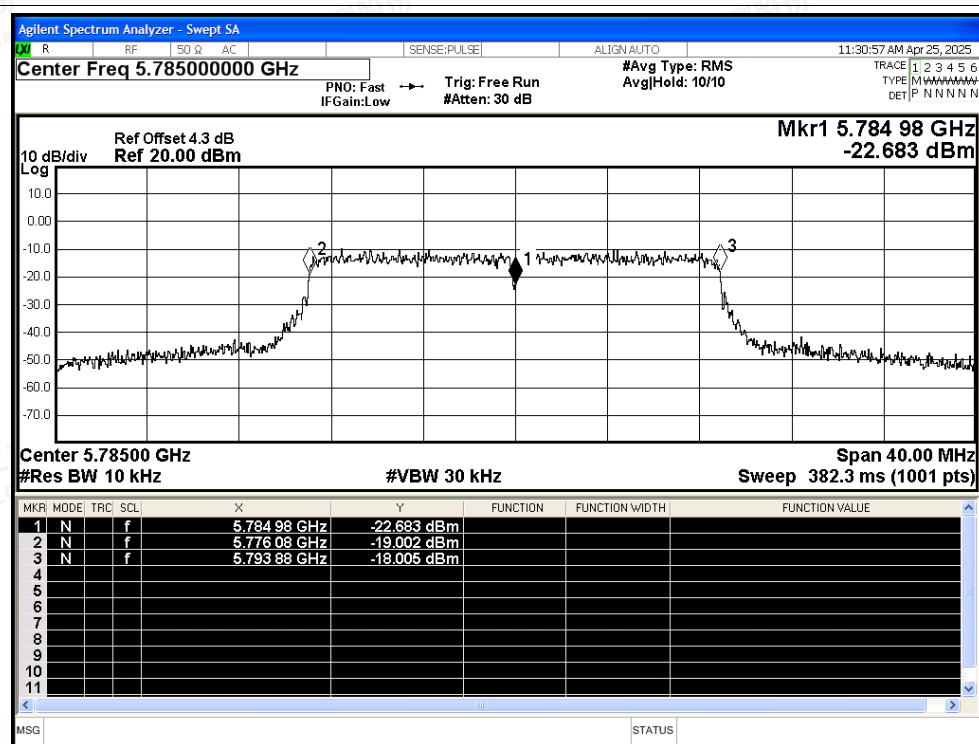
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## Freq. Stability NVNT ac20 5745MHz Ant1



## Freq. Stability NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

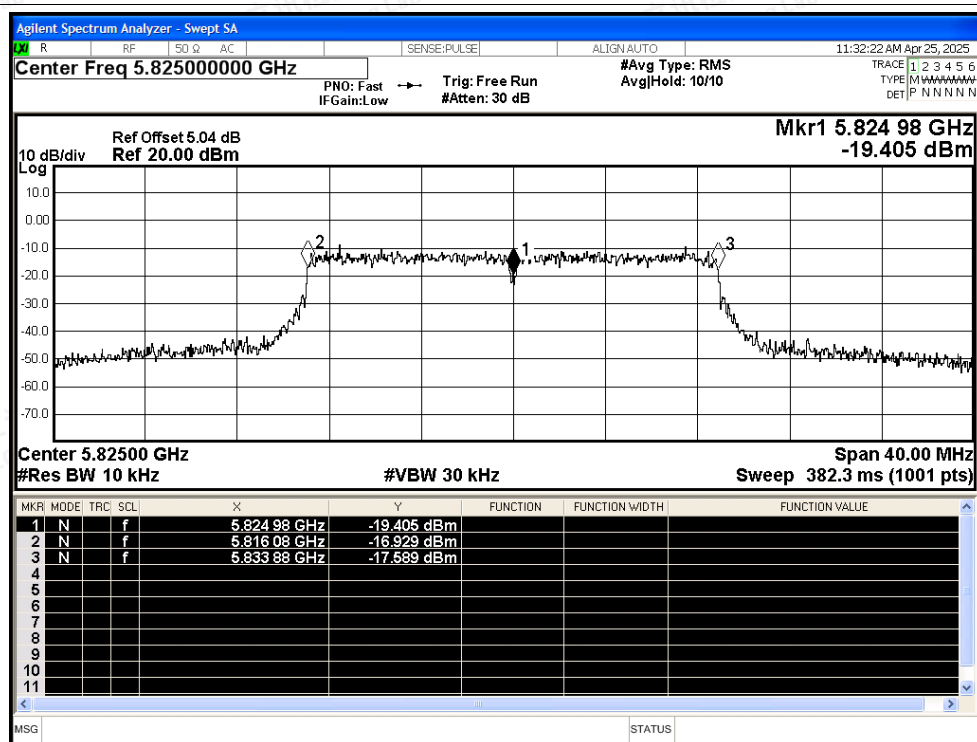
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

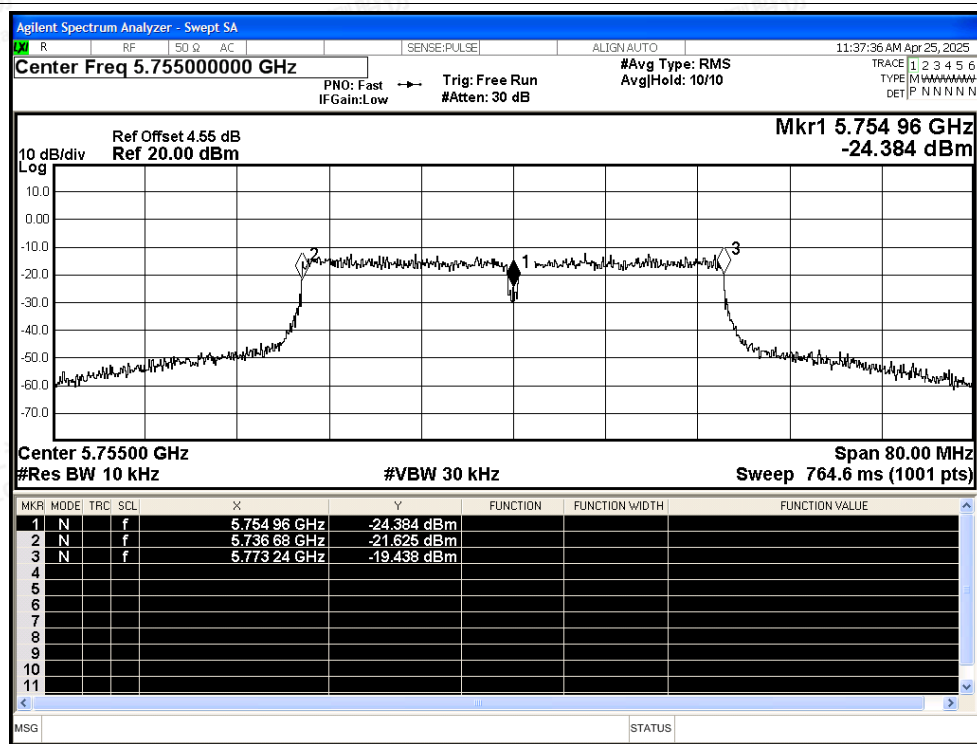
Scan code to check authenticity



## Freq. Stability NVNT ac20 5825MHz Ant1



## Freq. Stability NVNT ac40 5755MHz Ant1



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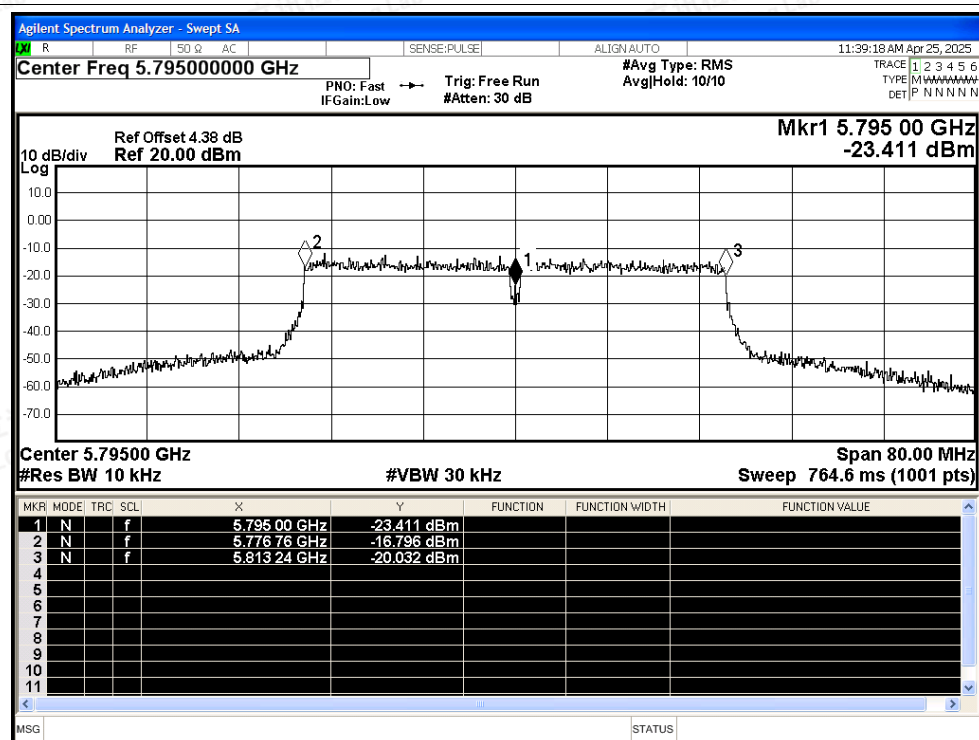
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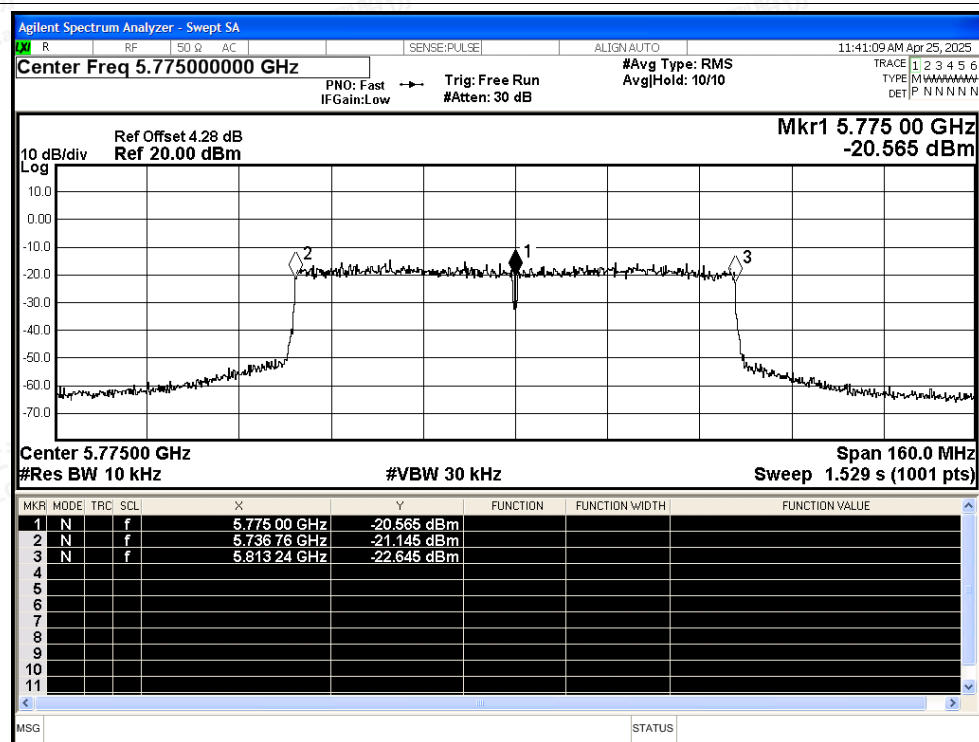
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## Freq. Stability NVNT ac40 5795MHz Ant1



## Freq. Stability NVNT ac80 5775MHz Ant1



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## E.6 Duty Cycle

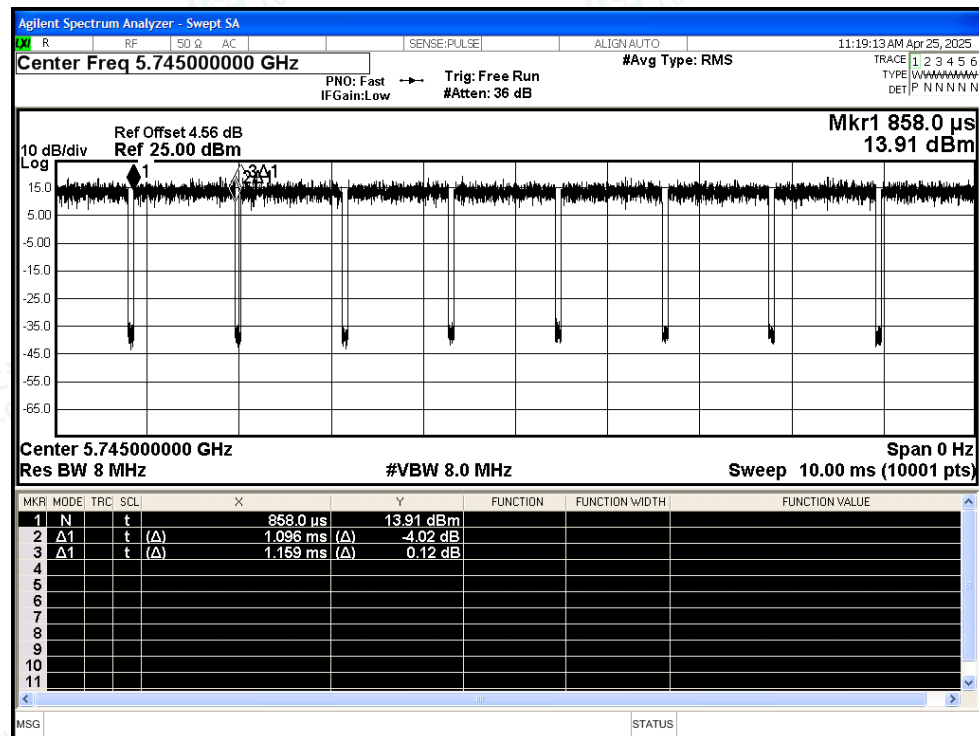
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5785            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant1    | 97.29          | 0.12                   | 0.44      |
| NVNT      | n20  | 5785            | Ant1    | 97.29          | 0.12                   | 0.44      |
| NVNT      | n20  | 5825            | Ant1    | 97.29          | 0.12                   | 0.44      |
| NVNT      | n40  | 5755            | Ant1    | 94.79          | 0.23                   | 0.9       |
| NVNT      | n40  | 5795            | Ant1    | 94.71          | 0.24                   | 0.9       |
| NVNT      | ac20 | 5745            | Ant1    | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac20 | 5785            | Ant1    | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac20 | 5825            | Ant1    | 97.34          | 0.12                   | 0.44      |
| NVNT      | ac40 | 5755            | Ant1    | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac40 | 5795            | Ant1    | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac80 | 5775            | Ant1    | 89.82          | 0.47                   | 1.86      |



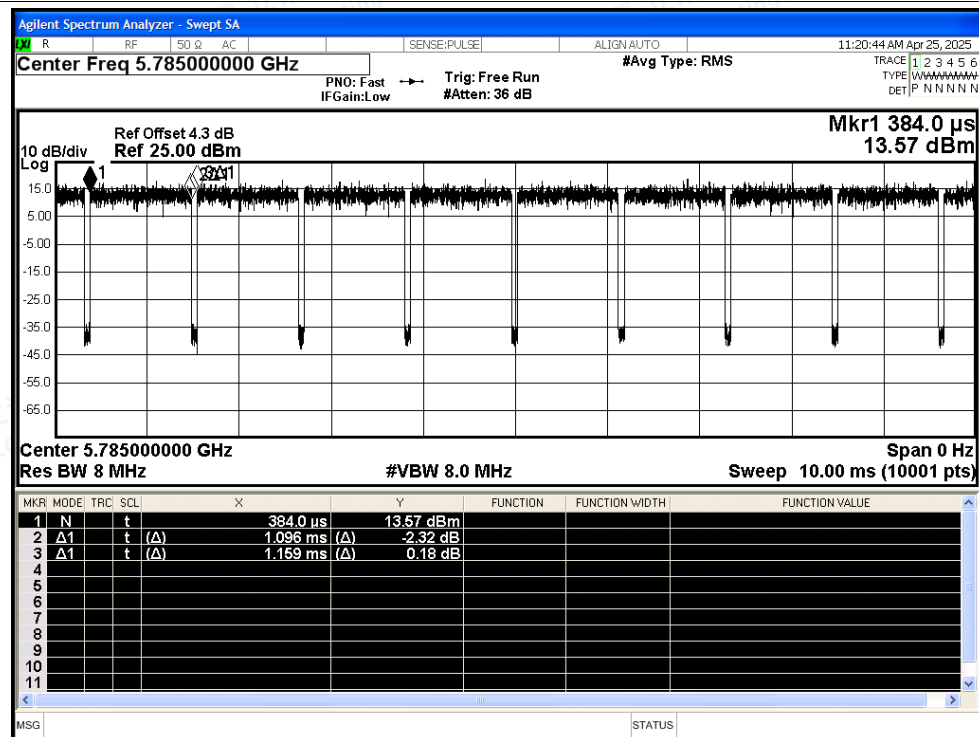


## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1



## Duty Cycle NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

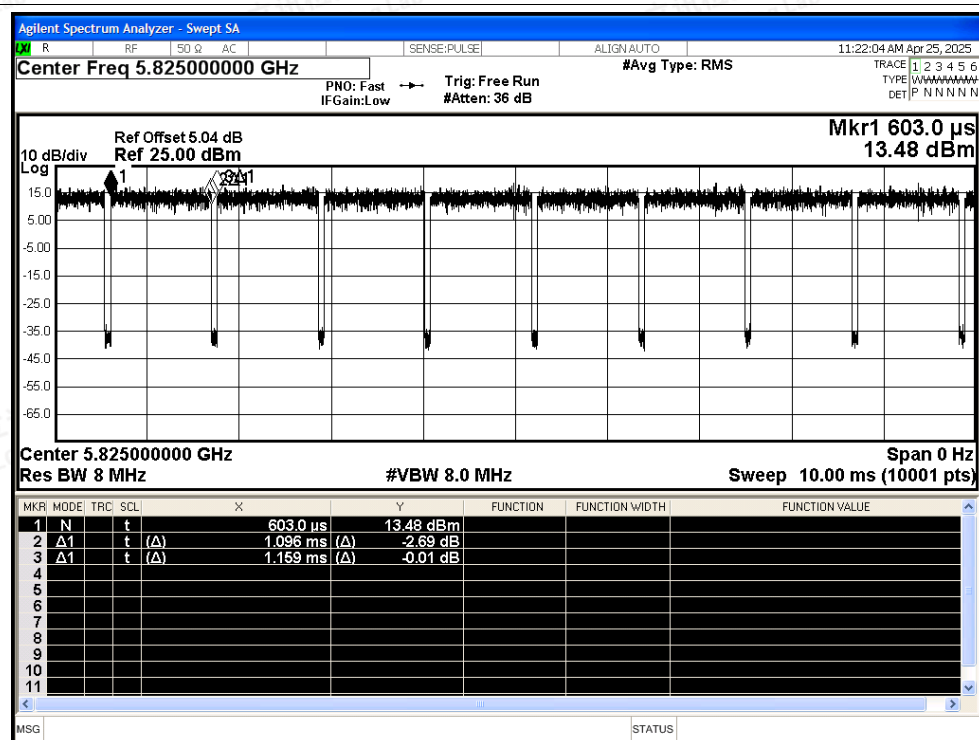
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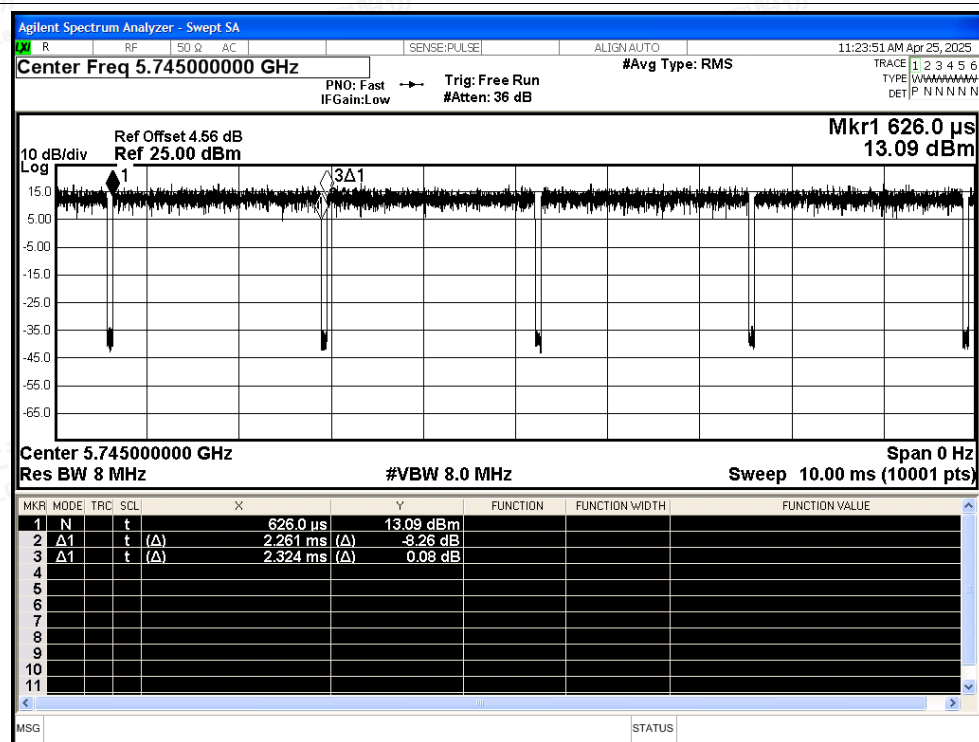
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## Duty Cycle NVNT a 5825MHz Ant1



## Duty Cycle NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

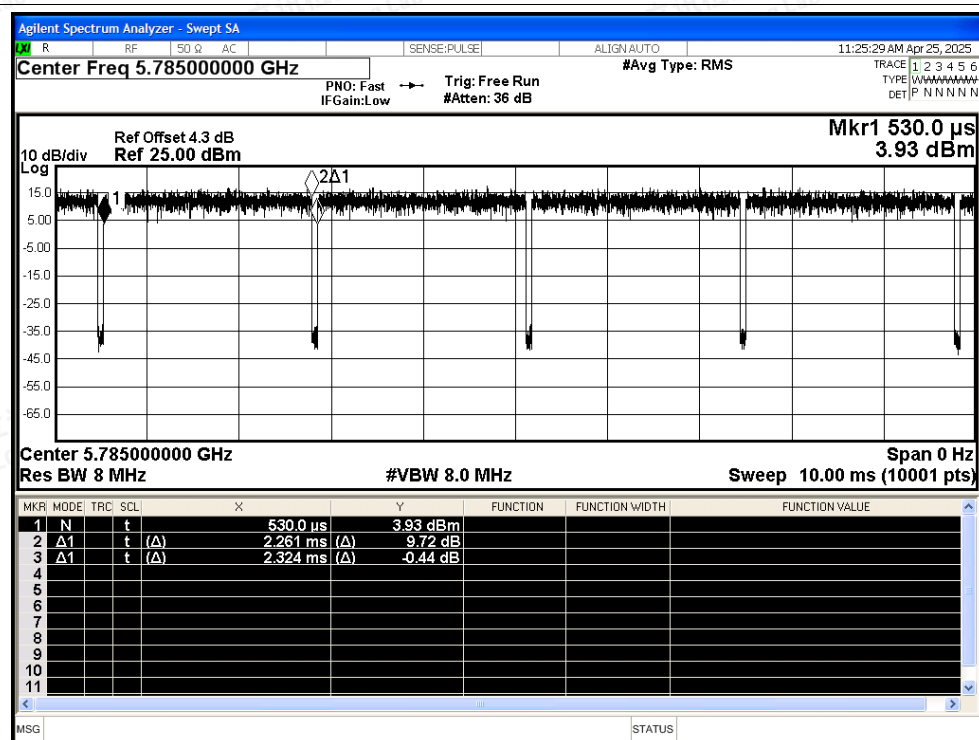
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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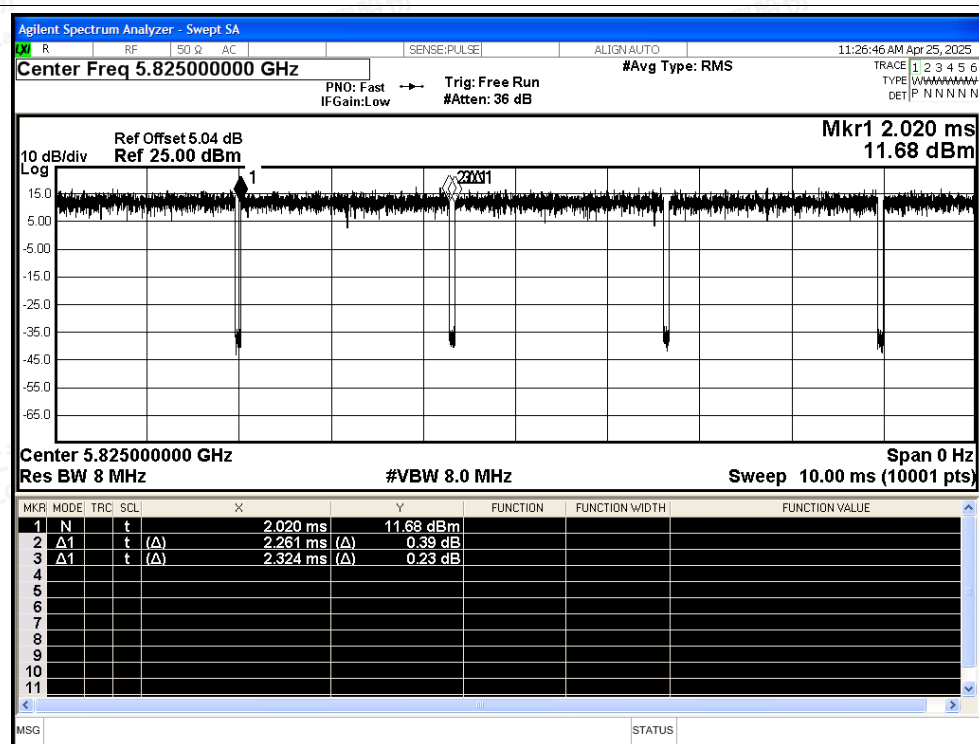
Scan code to check authenticity



## Duty Cycle NVNT n20 5785MHz Ant1



## Duty Cycle NVNT n20 5825MHz Ant1

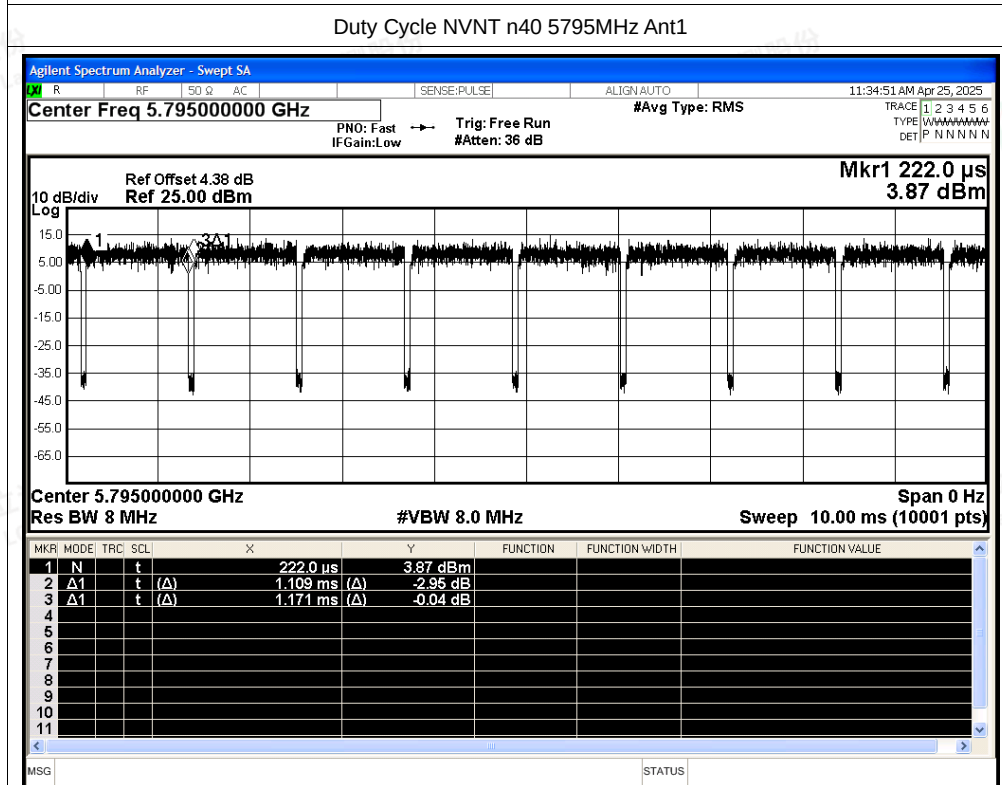
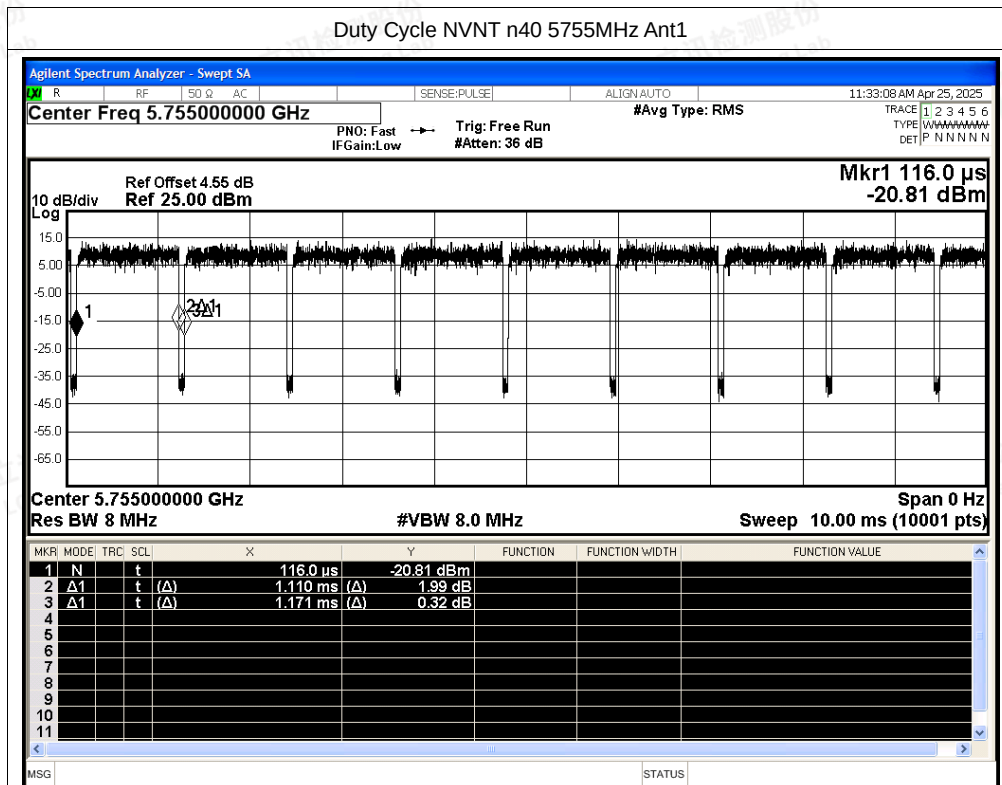


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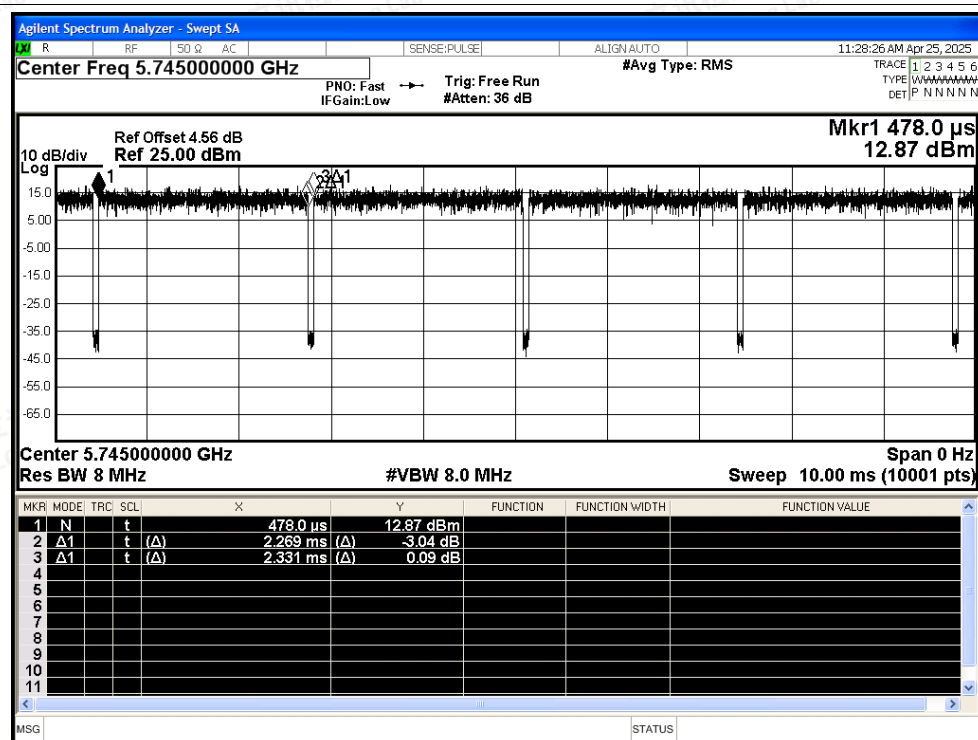
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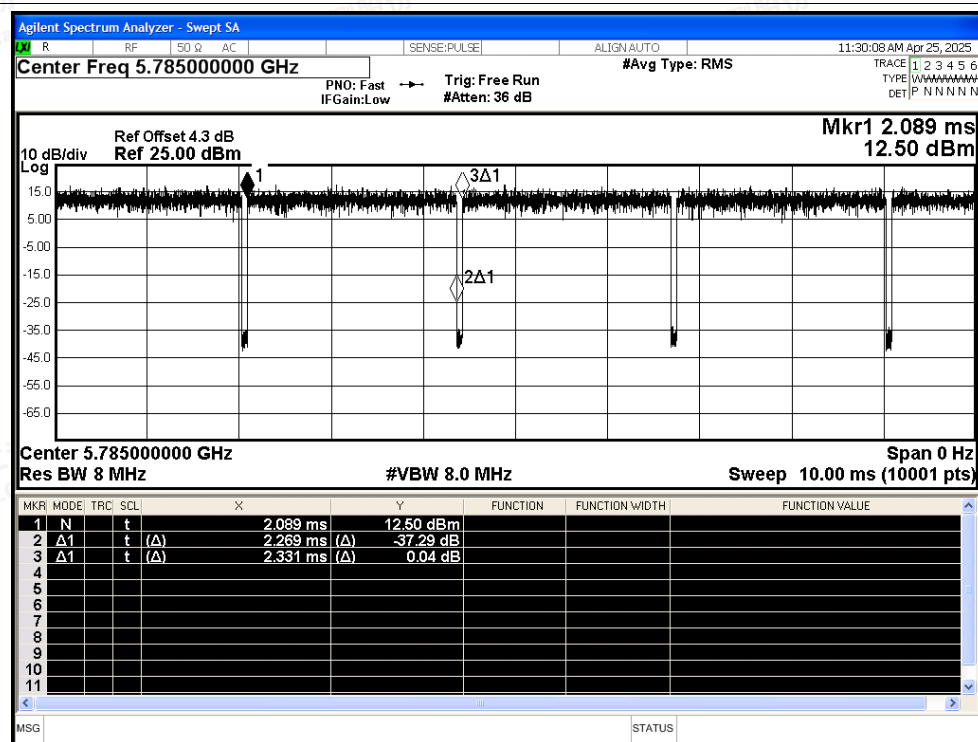
Scan code to check authenticity



## Duty Cycle NVNT ac20 5745MHz Ant1



## Duty Cycle NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

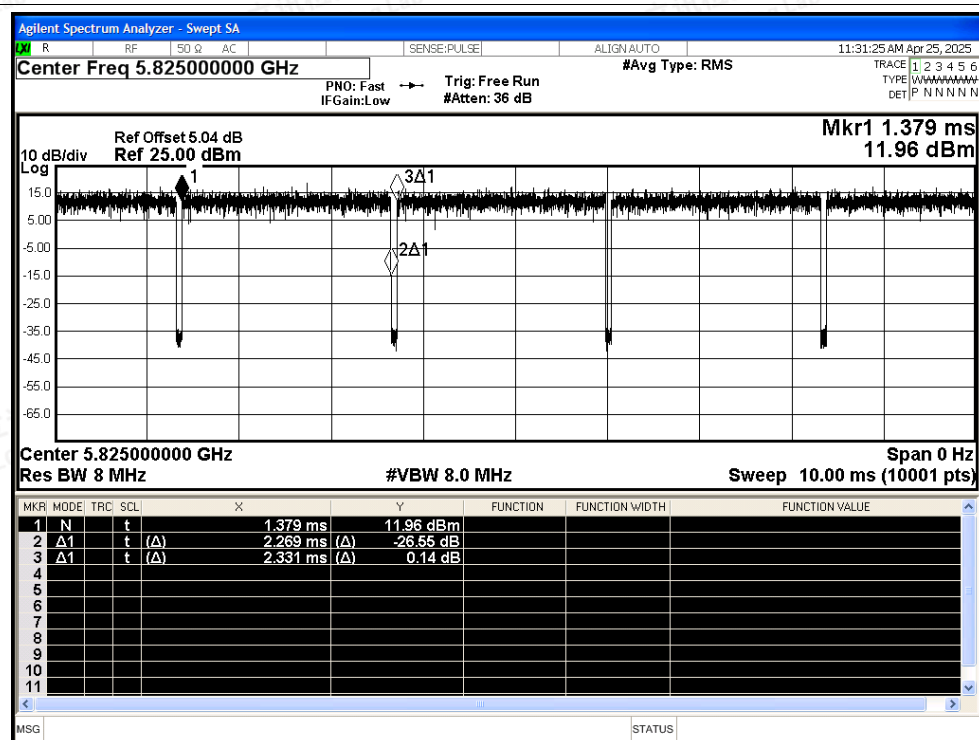
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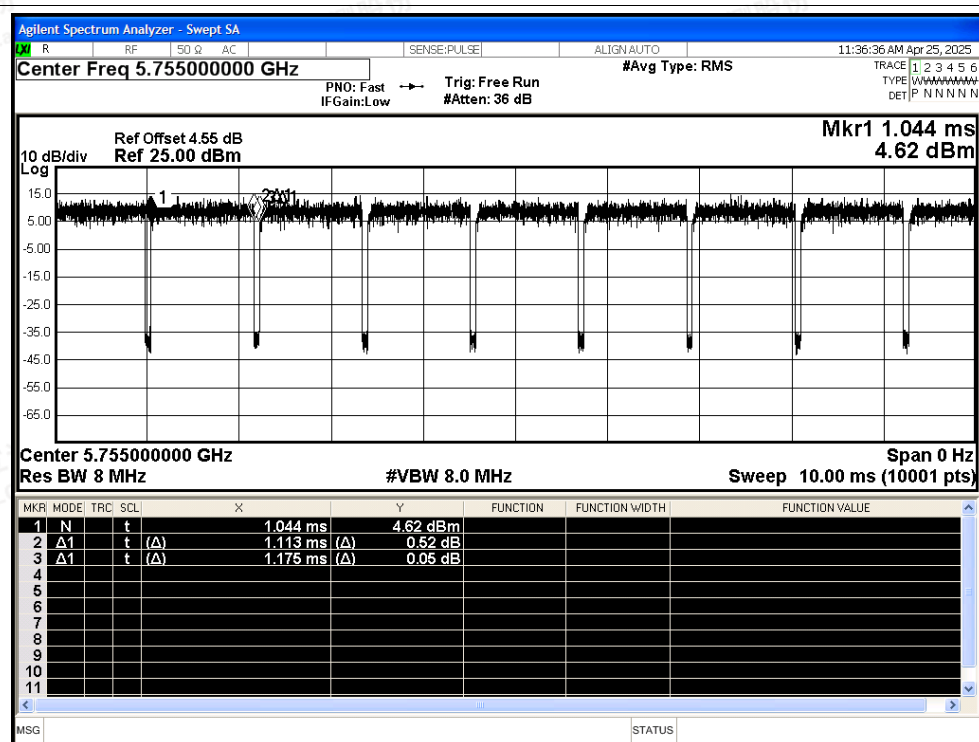
Scan code to check authenticity



## Duty Cycle NVNT ac20 5825MHz Ant1



## Duty Cycle NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

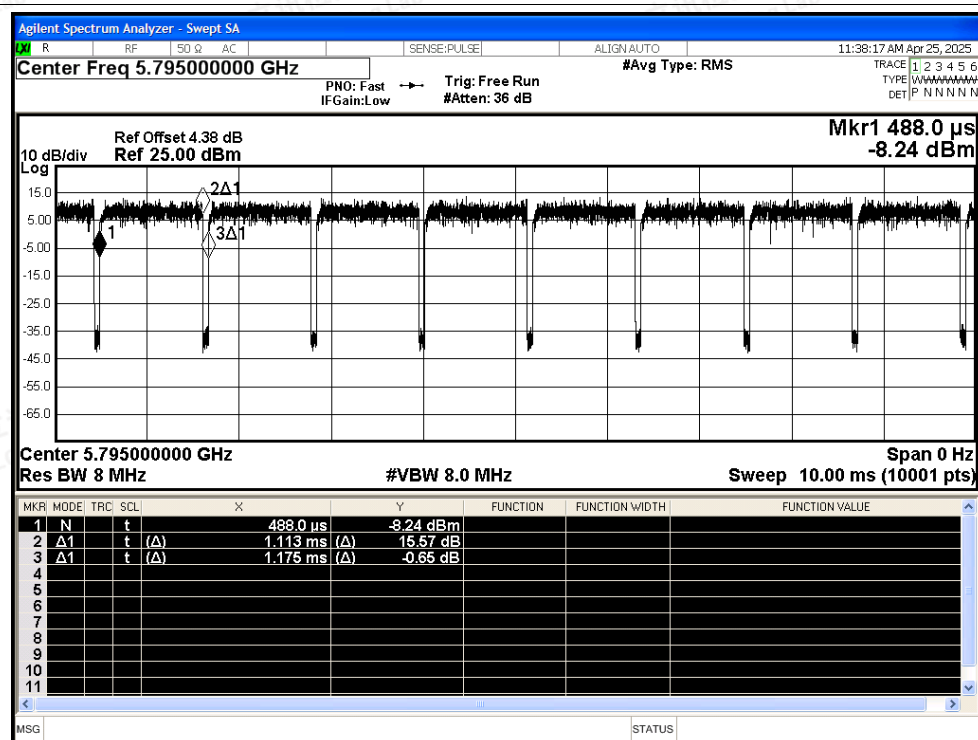
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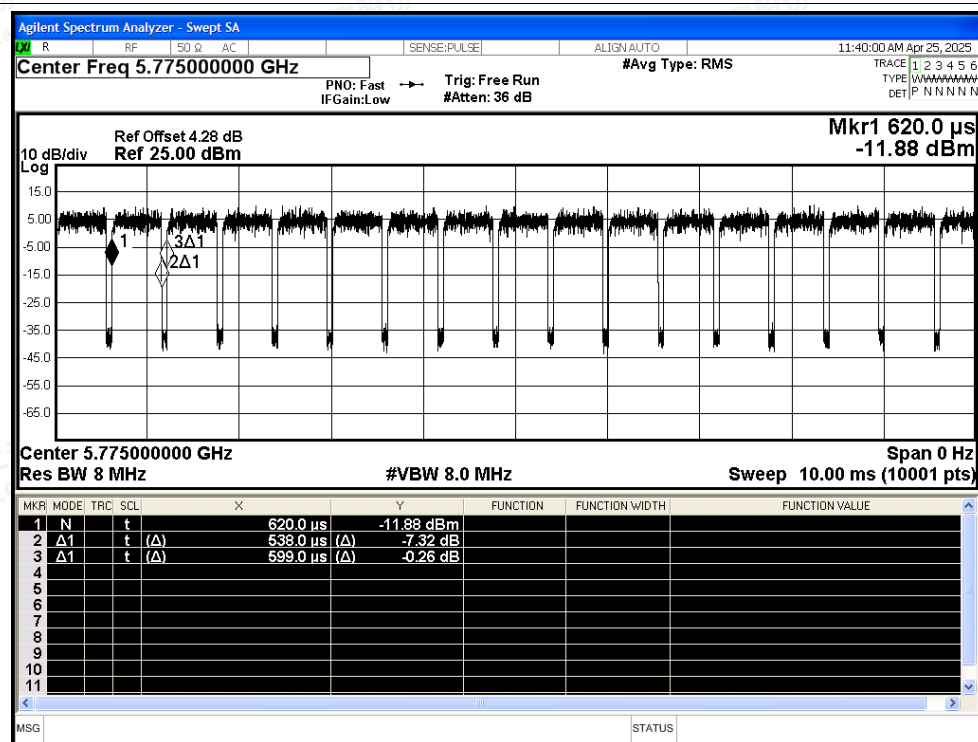
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## Duty Cycle NVNT ac40 5795MHz Ant1



## Duty Cycle NVNT ac80 5775MHz Ant1



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