



Appendix E

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: LAPTOP

Test Model: S15 N2 512GB

Environmental Conditions

| | |
|--------------------|------------|
| Temperature: | 23.8 ° C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Eason Zhou |
| Supervised by: | Nick Peng |



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E.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT | a | 5745 | Ant0 | 16.359 | >=0.5 | Pass |
| NVNT | a | 5785 | Ant0 | 16.337 | >=0.5 | Pass |
| NVNT | a | 5825 | Ant0 | 16.316 | >=0.5 | Pass |
| NVNT | n20 | 5745 | Ant0 | 17.281 | >=0.5 | Pass |
| NVNT | n20 | 5785 | Ant0 | 17.241 | >=0.5 | Pass |
| NVNT | n20 | 5825 | Ant0 | 17.271 | >=0.5 | Pass |
| NVNT | n40 | 5755 | Ant0 | 35.877 | >=0.5 | Pass |
| NVNT | n40 | 5795 | Ant0 | 35.426 | >=0.5 | Pass |
| NVNT | ac20 | 5745 | Ant0 | 17.39 | >=0.5 | Pass |
| NVNT | ac20 | 5785 | Ant0 | 17.227 | >=0.5 | Pass |
| NVNT | ac20 | 5825 | Ant0 | 17.129 | >=0.5 | Pass |
| NVNT | ac40 | 5755 | Ant0 | 35.567 | >=0.5 | Pass |
| NVNT | ac40 | 5795 | Ant0 | 35.878 | >=0.5 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 75.232 | >=0.5 | Pass |

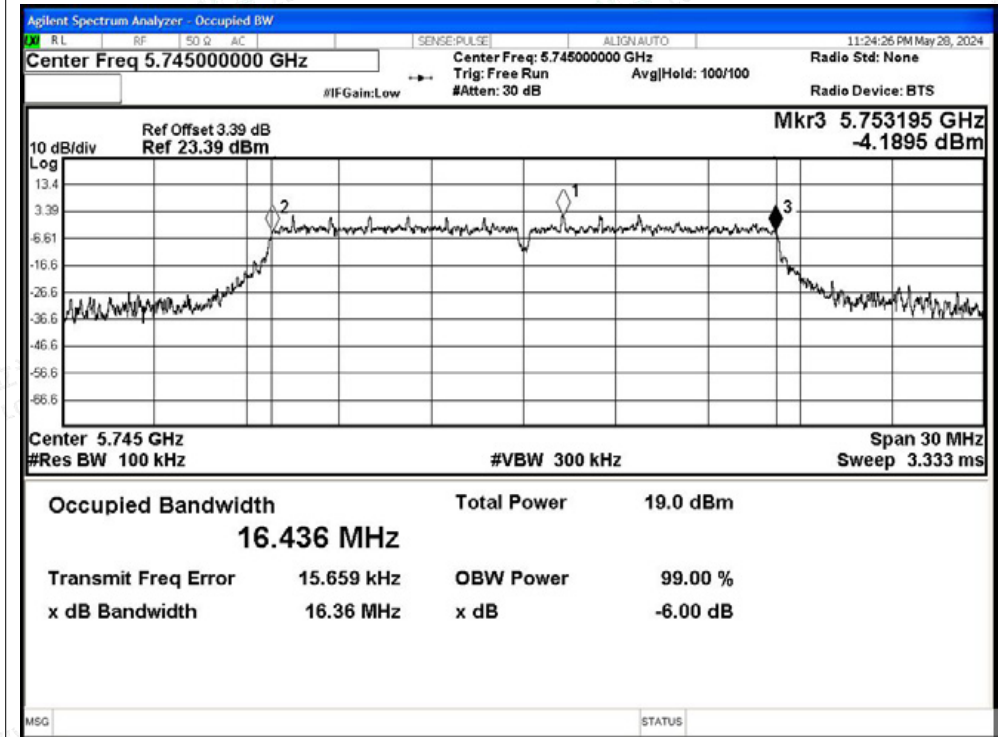


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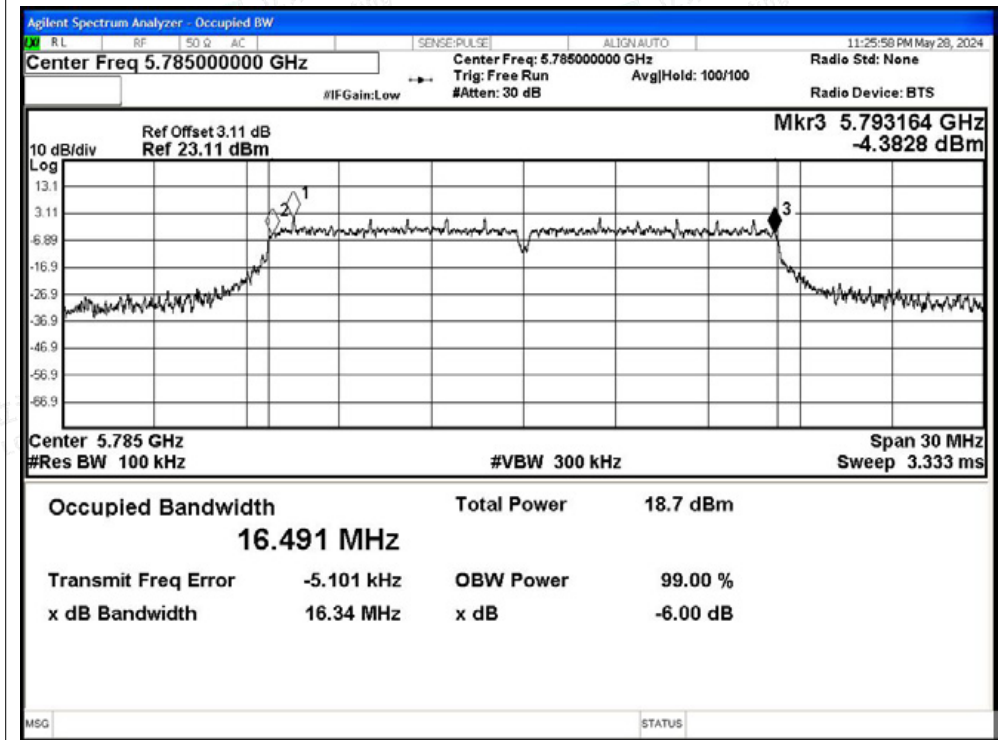


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

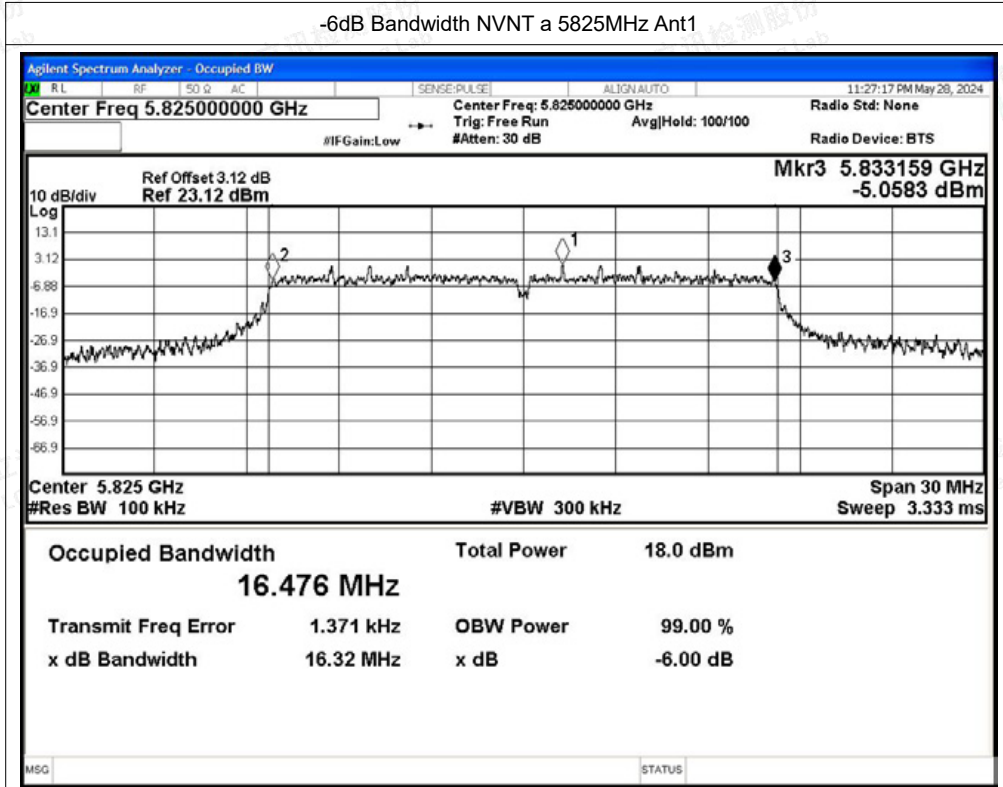


-6dB Bandwidth NVNT a 5785MHz Ant1

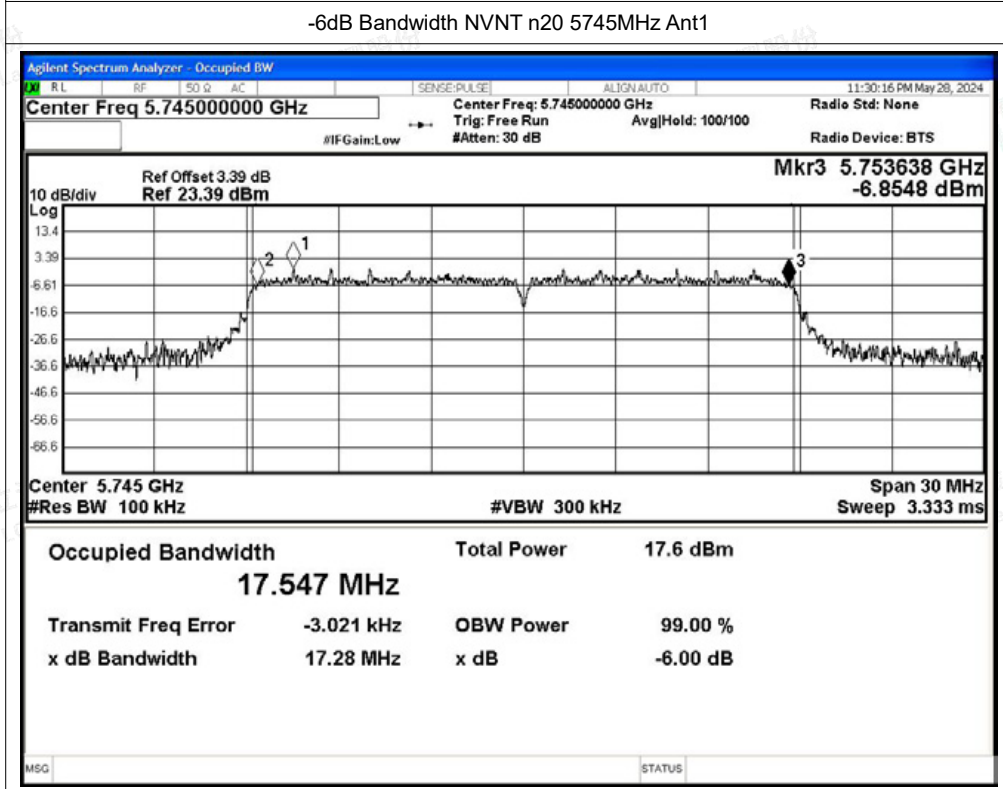




-6dB Bandwidth NVNT a 5825MHz Ant1

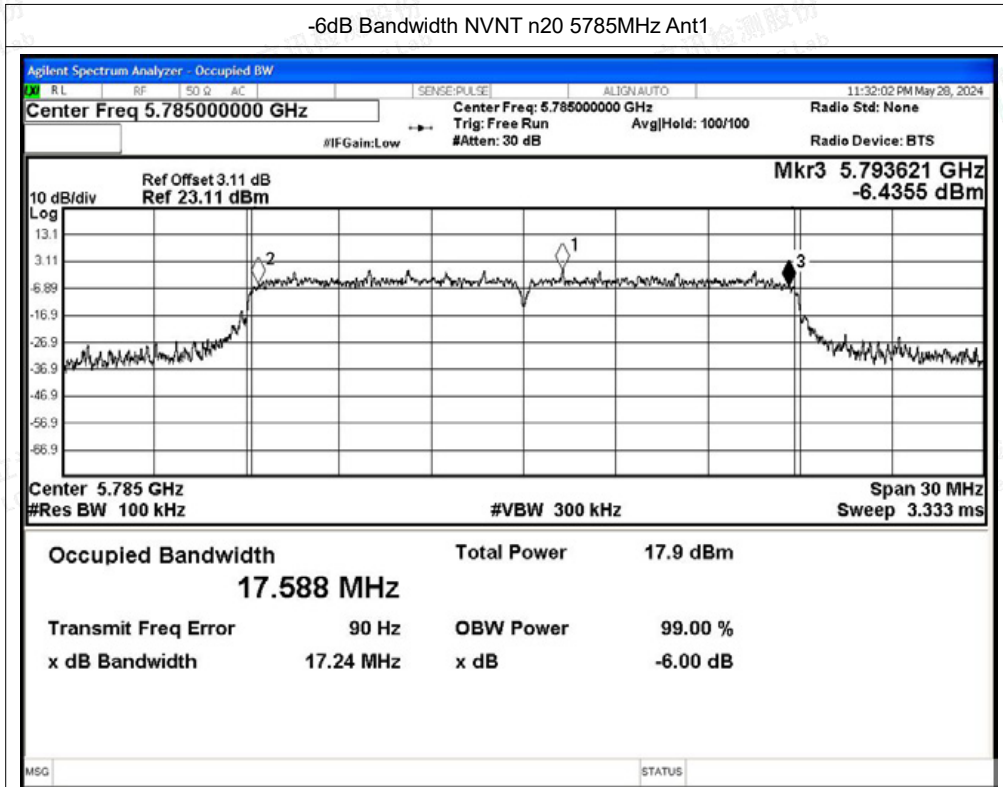


-6dB Bandwidth NVNT n20 5745MHz Ant1

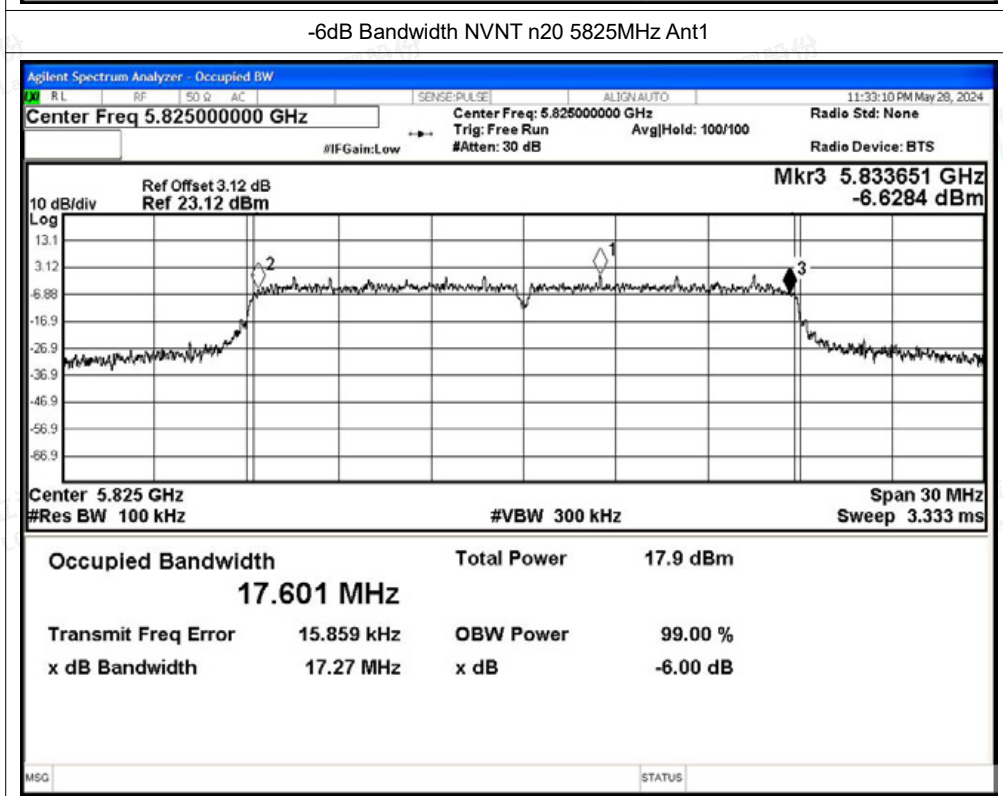




-6dB Bandwidth NVNT n20 5785MHz Ant1

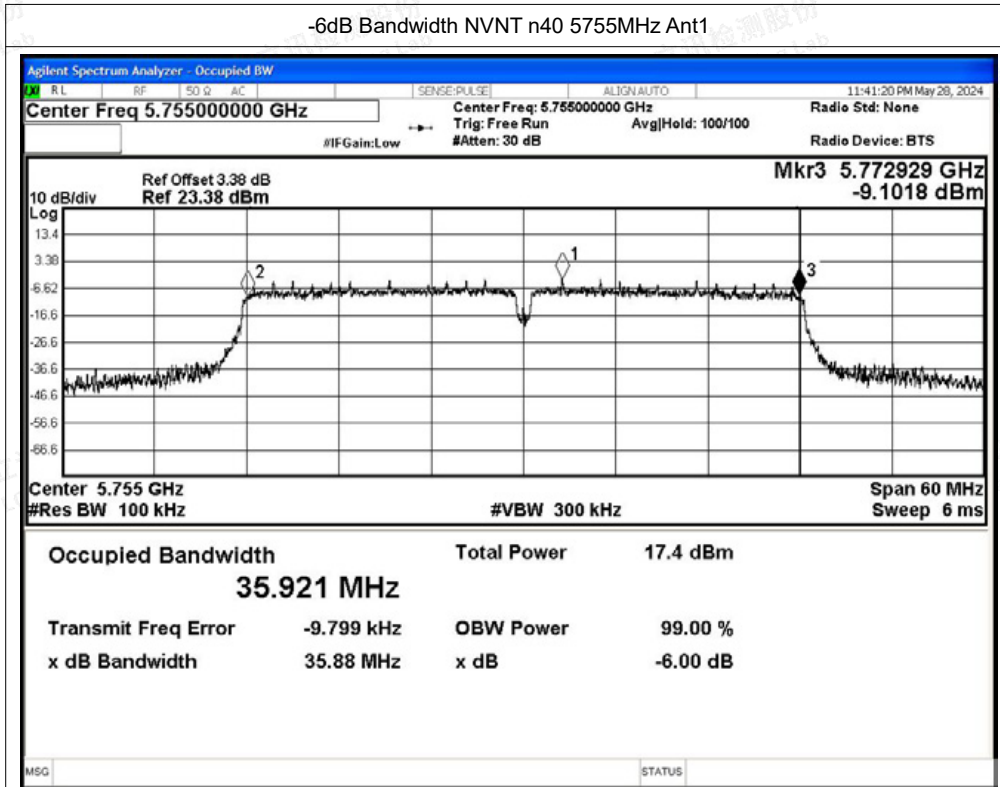


-6dB Bandwidth NVNT n20 5825MHz Ant1

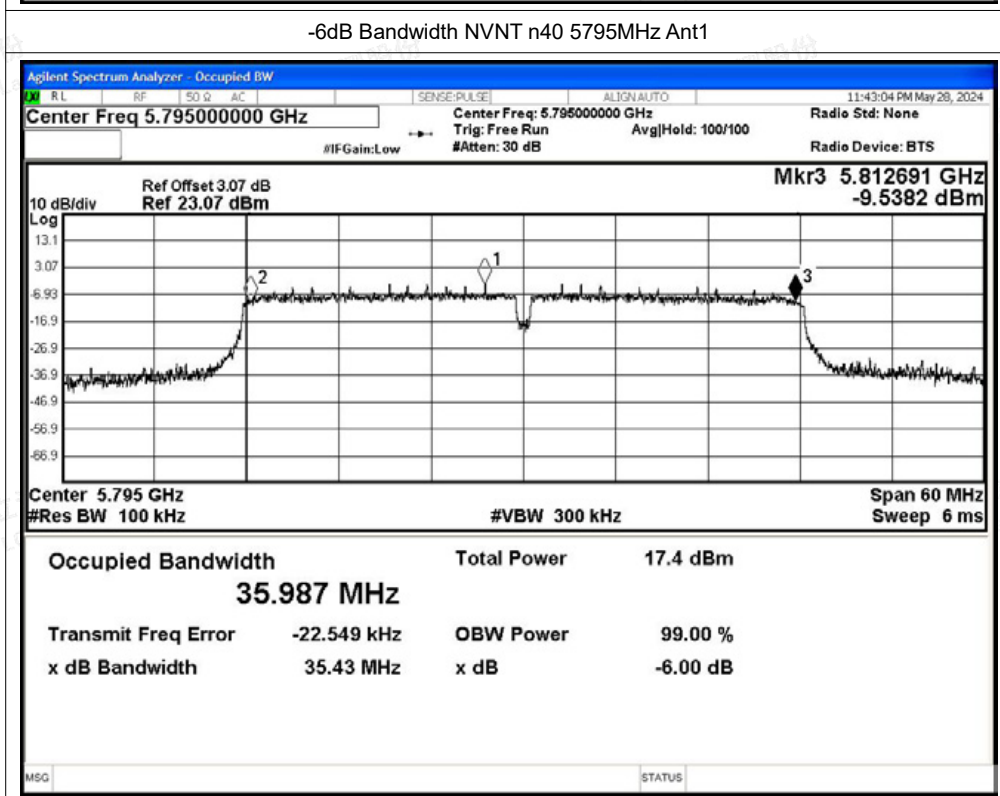




-6dB Bandwidth NVNT n40 5755MHz Ant1

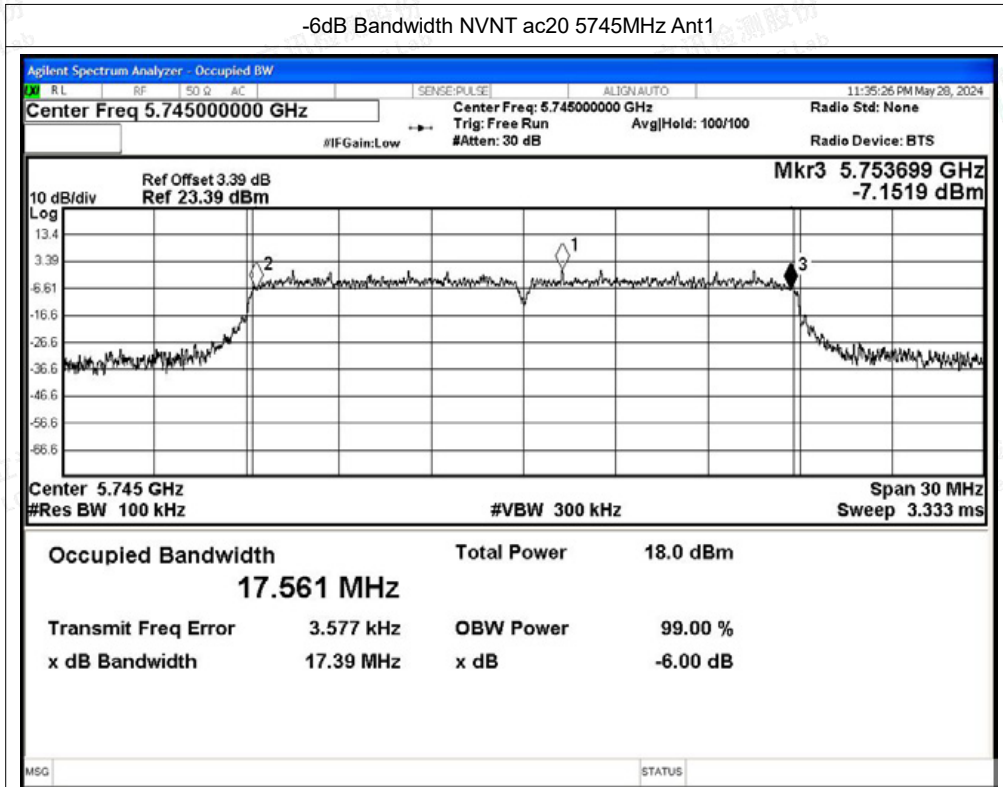


-6dB Bandwidth NVNT n40 5795MHz Ant1

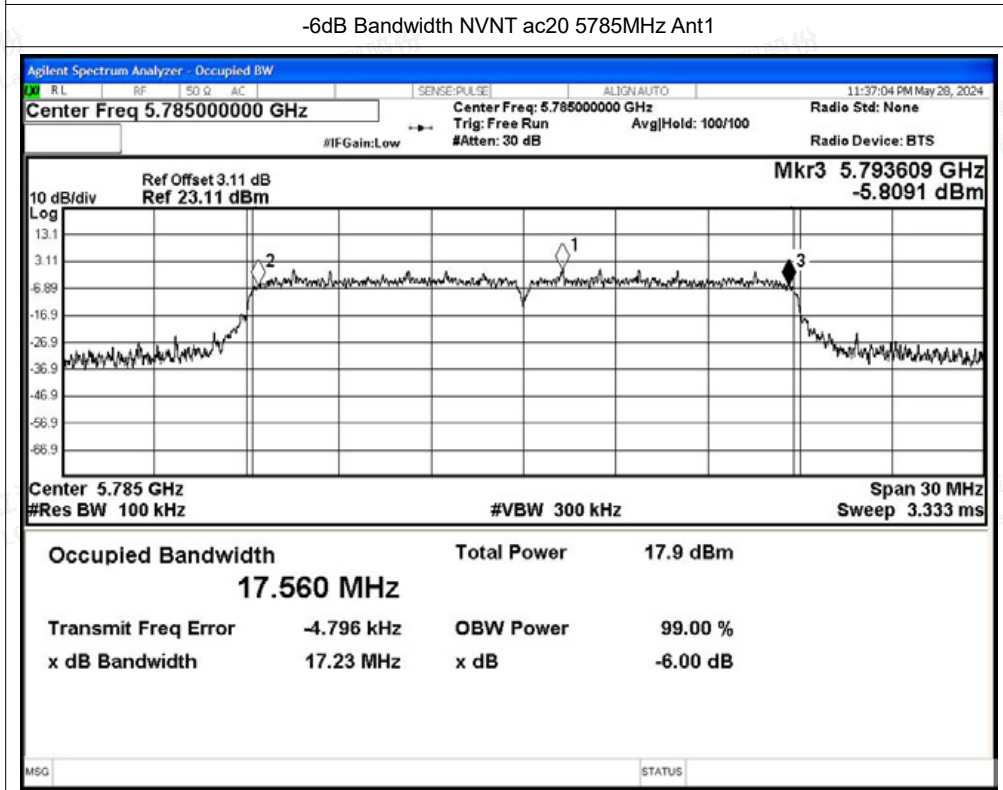




-6dB Bandwidth NVNT ac20 5745MHz Ant1

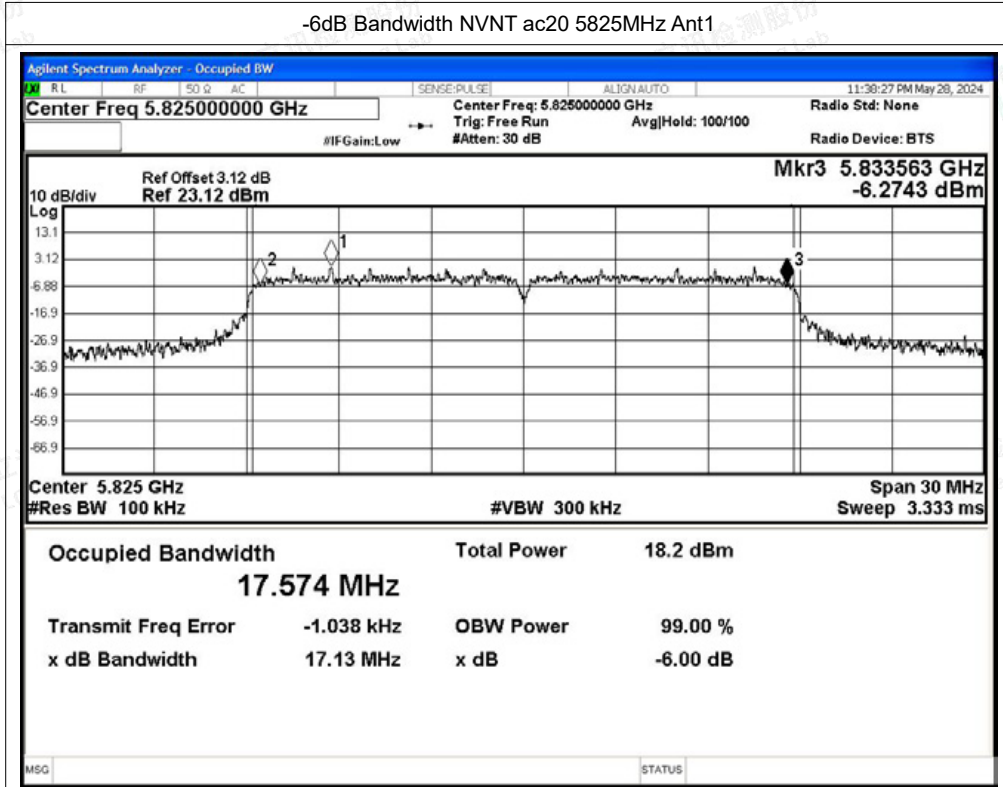


-6dB Bandwidth NVNT ac20 5785MHz Ant1

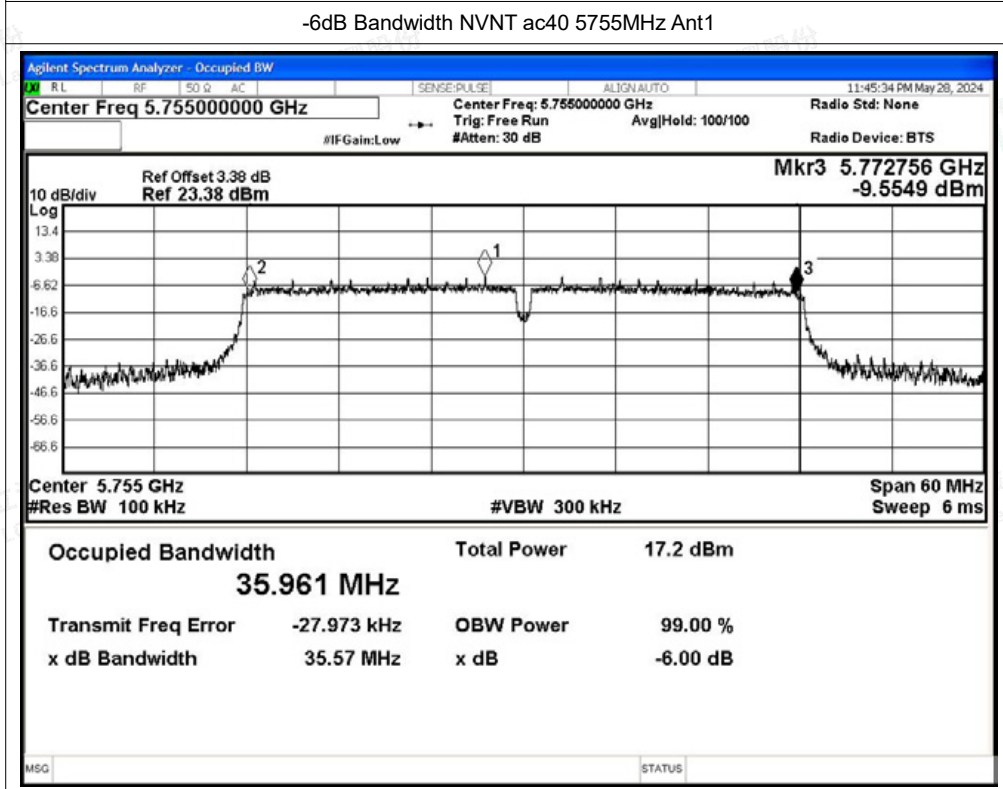




-6dB Bandwidth NVNT ac20 5825MHz Ant1

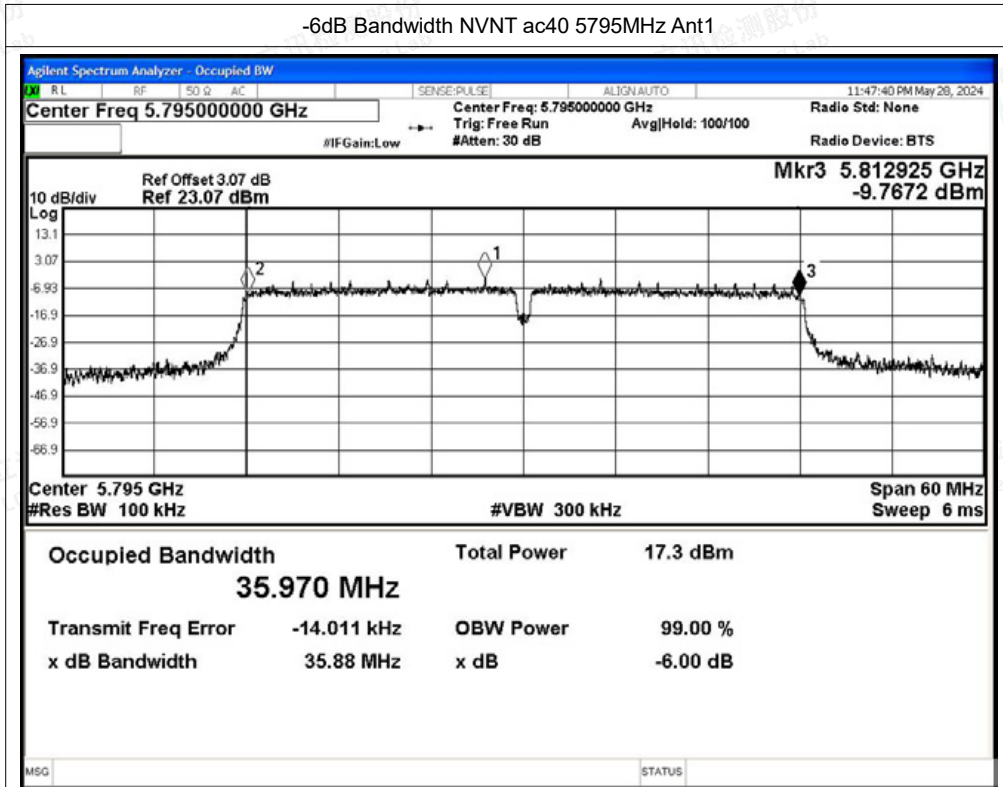


-6dB Bandwidth NVNT ac40 5755MHz Ant1

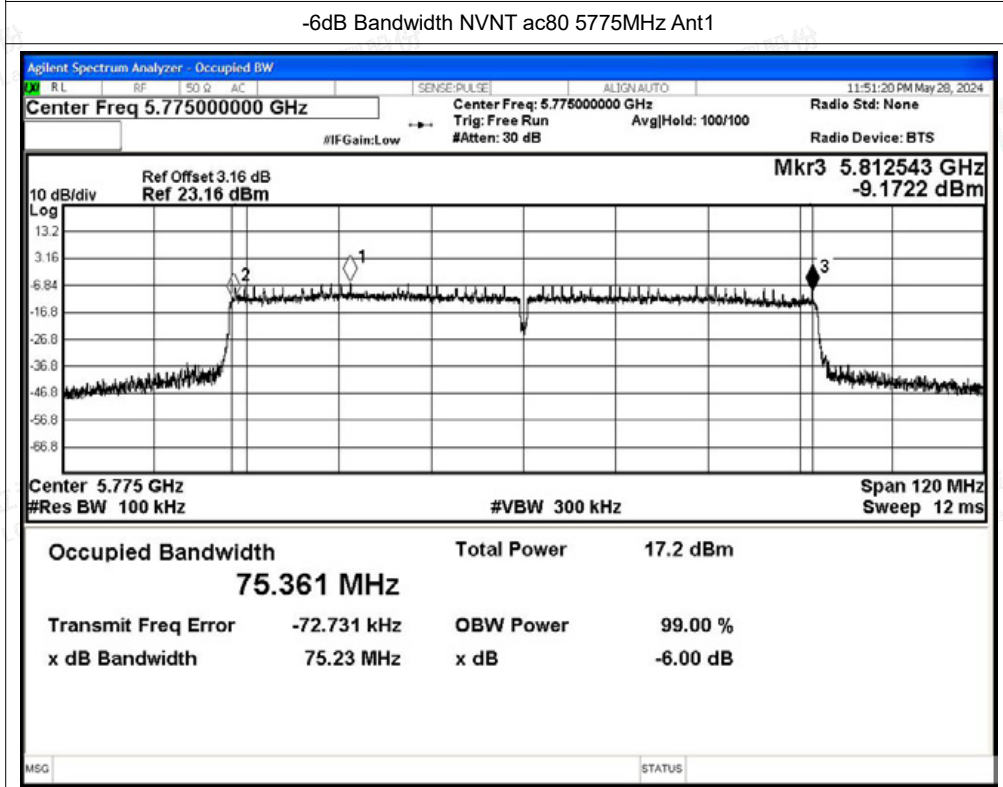




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1





| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT | a | 5745 | Ant1 | 16.333 | ≥ 0.5 | Pass |
| NVNT | a | 5785 | Ant1 | 16.333 | ≥ 0.5 | Pass |
| NVNT | a | 5825 | Ant1 | 16.33 | ≥ 0.5 | Pass |
| NVNT | n20 | 5745 | Ant1 | 17.311 | ≥ 0.5 | Pass |
| NVNT | n20 | 5785 | Ant1 | 17.318 | ≥ 0.5 | Pass |
| NVNT | n20 | 5825 | Ant1 | 17.126 | ≥ 0.5 | Pass |
| NVNT | n40 | 5755 | Ant1 | 36.168 | ≥ 0.5 | Pass |
| NVNT | n40 | 5795 | Ant1 | 35.776 | ≥ 0.5 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 17.535 | ≥ 0.5 | Pass |
| NVNT | ac20 | 5785 | Ant1 | 17.265 | ≥ 0.5 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 17.011 | ≥ 0.5 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 36.361 | ≥ 0.5 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 35.764 | ≥ 0.5 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 75.338 | ≥ 0.5 | Pass |

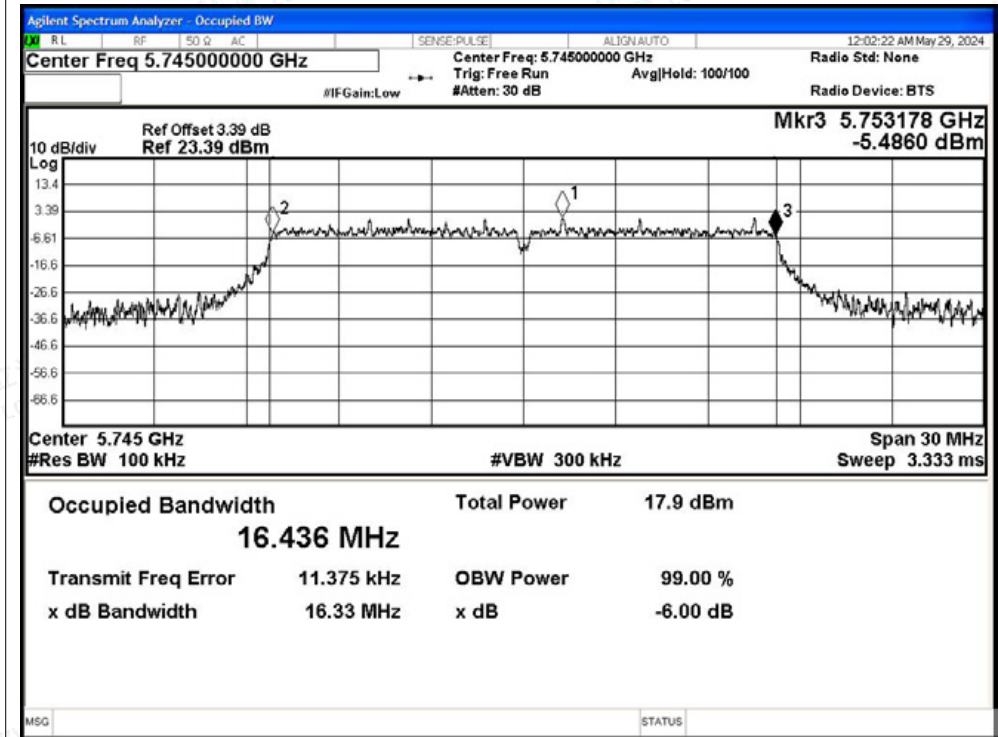


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Scan code to check authenticity

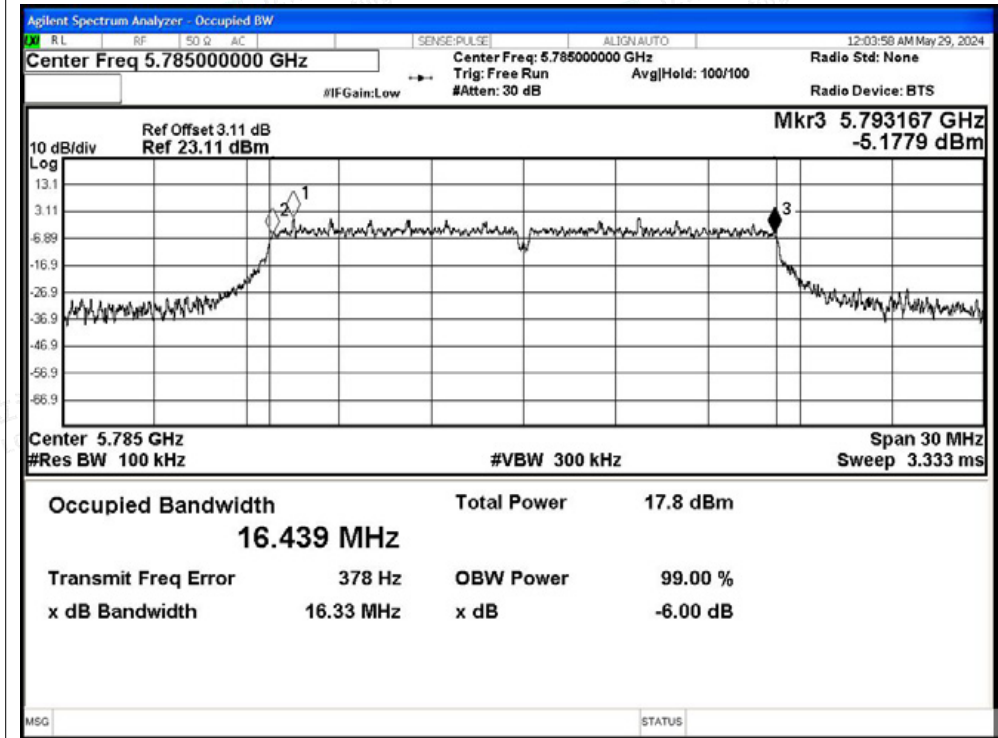


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

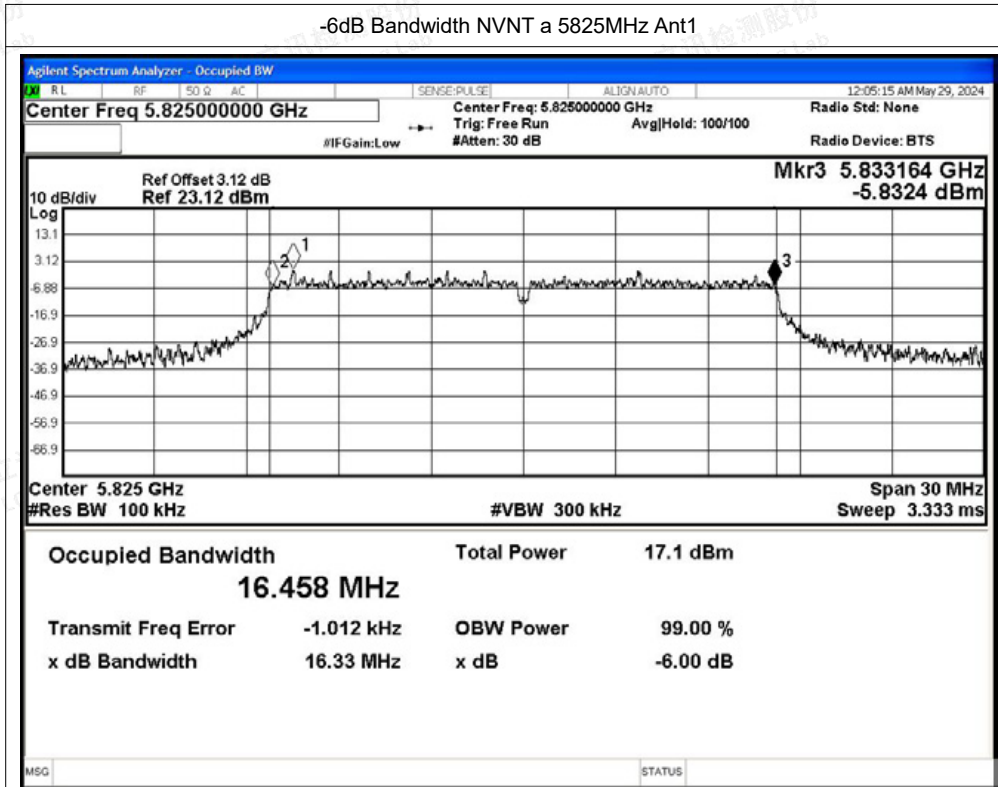


-6dB Bandwidth NVNT a 5785MHz Ant1

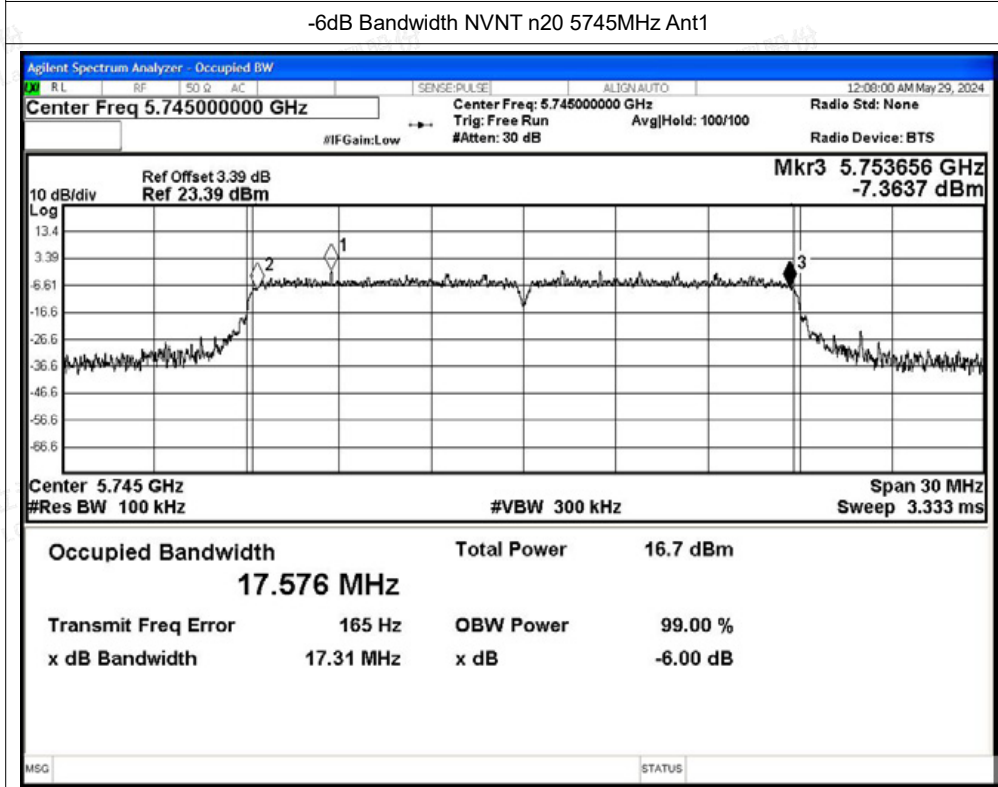




-6dB Bandwidth NVNT a 5825MHz Ant1

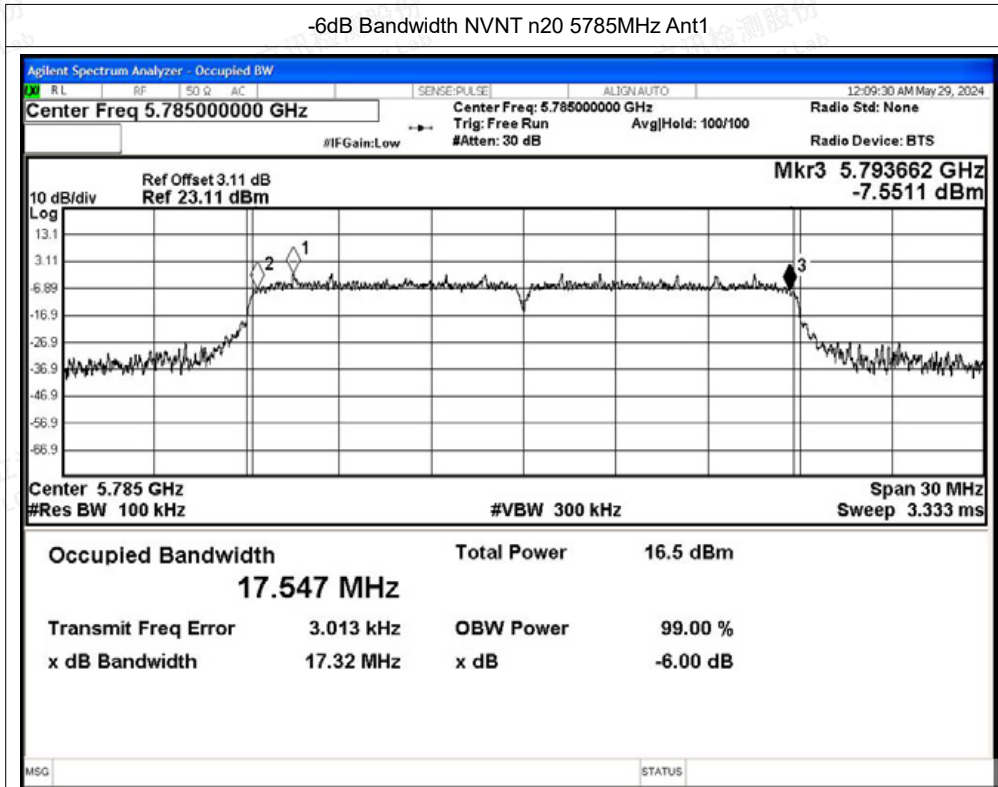


-6dB Bandwidth NVNT n20 5745MHz Ant1

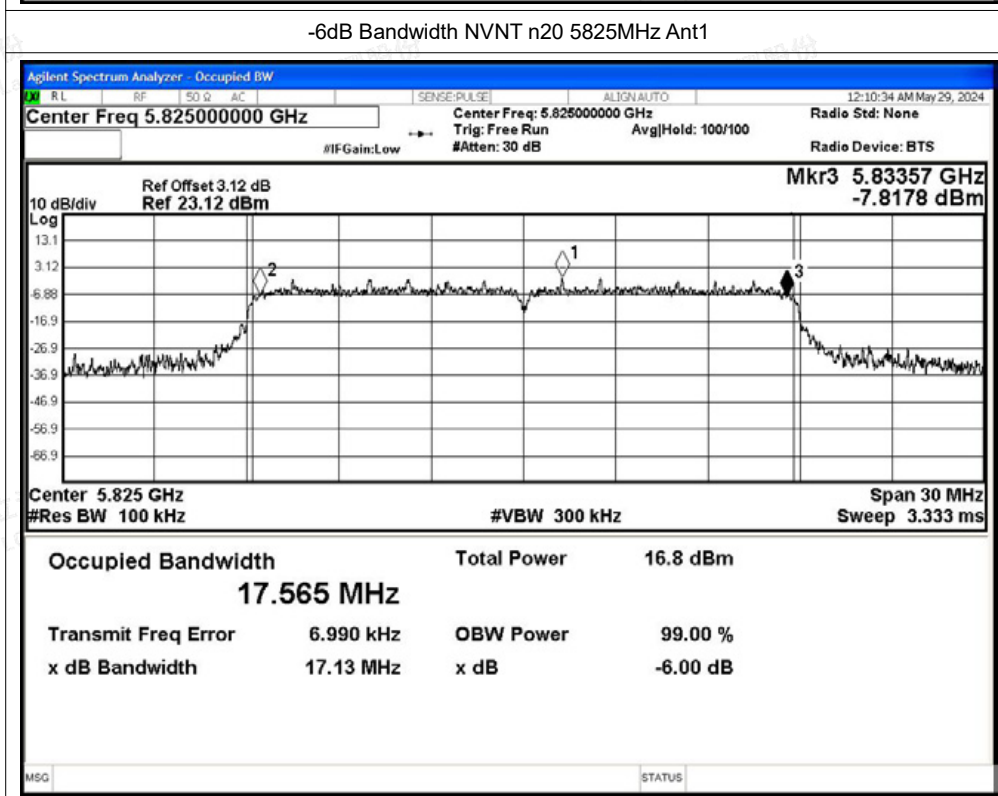




-6dB Bandwidth NVNT n20 5785MHz Ant1

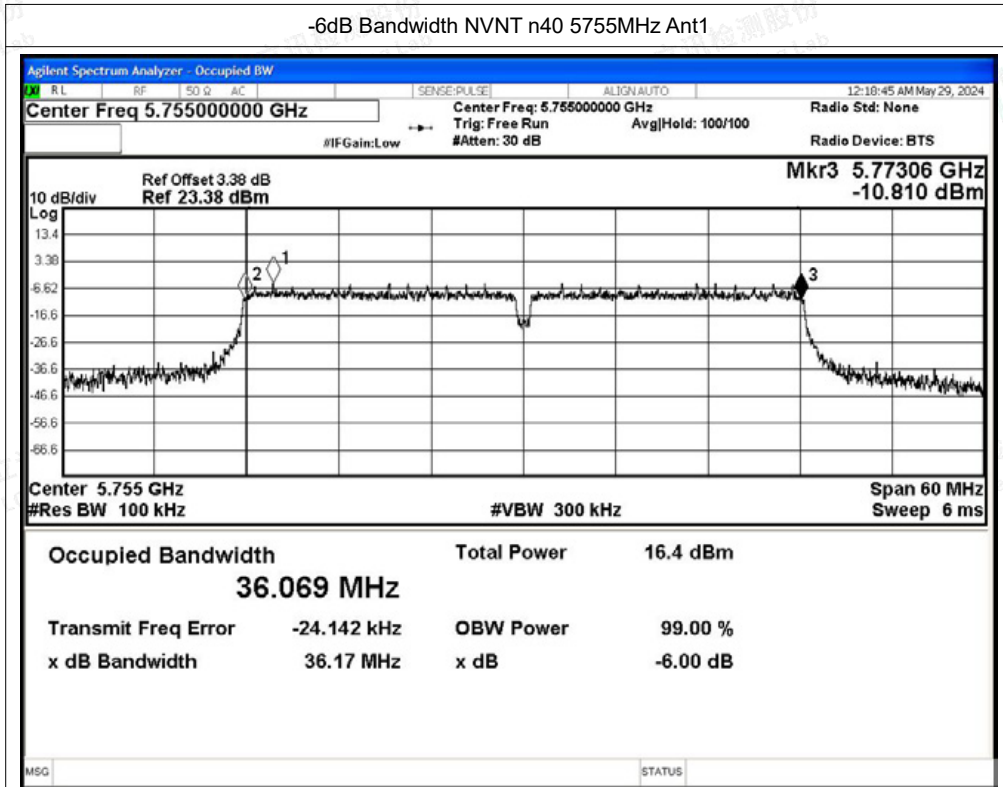


-6dB Bandwidth NVNT n20 5825MHz Ant1

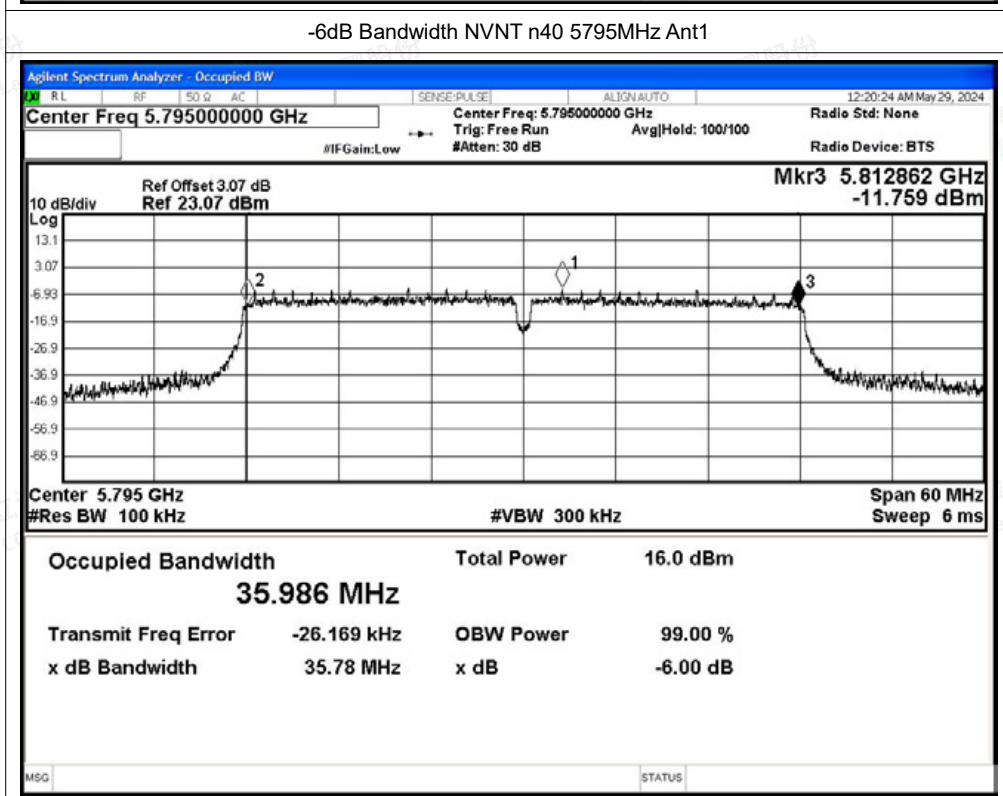




-6dB Bandwidth NVNT n40 5755MHz Ant1

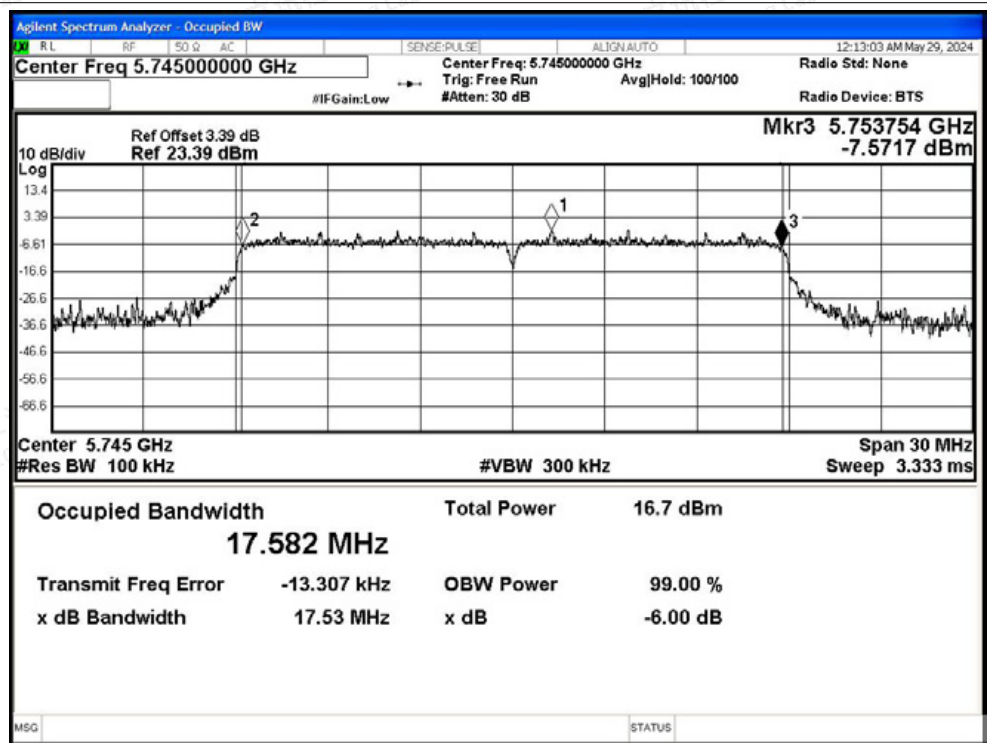


-6dB Bandwidth NVNT n40 5795MHz Ant1

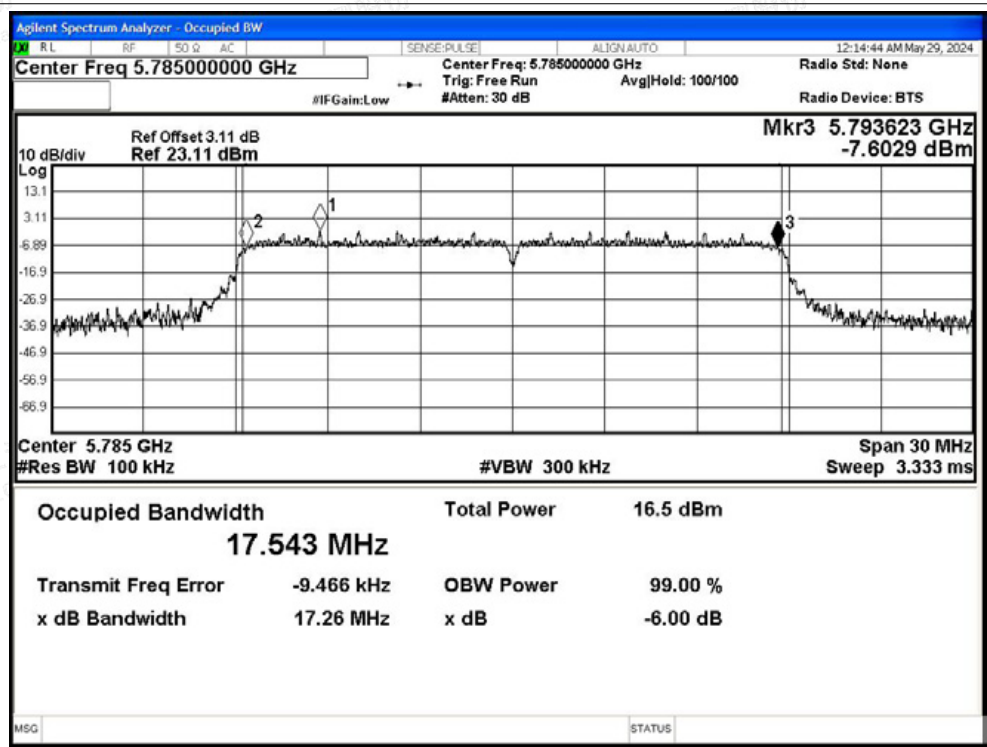




-6dB Bandwidth NVNT ac20 5745MHz Ant1

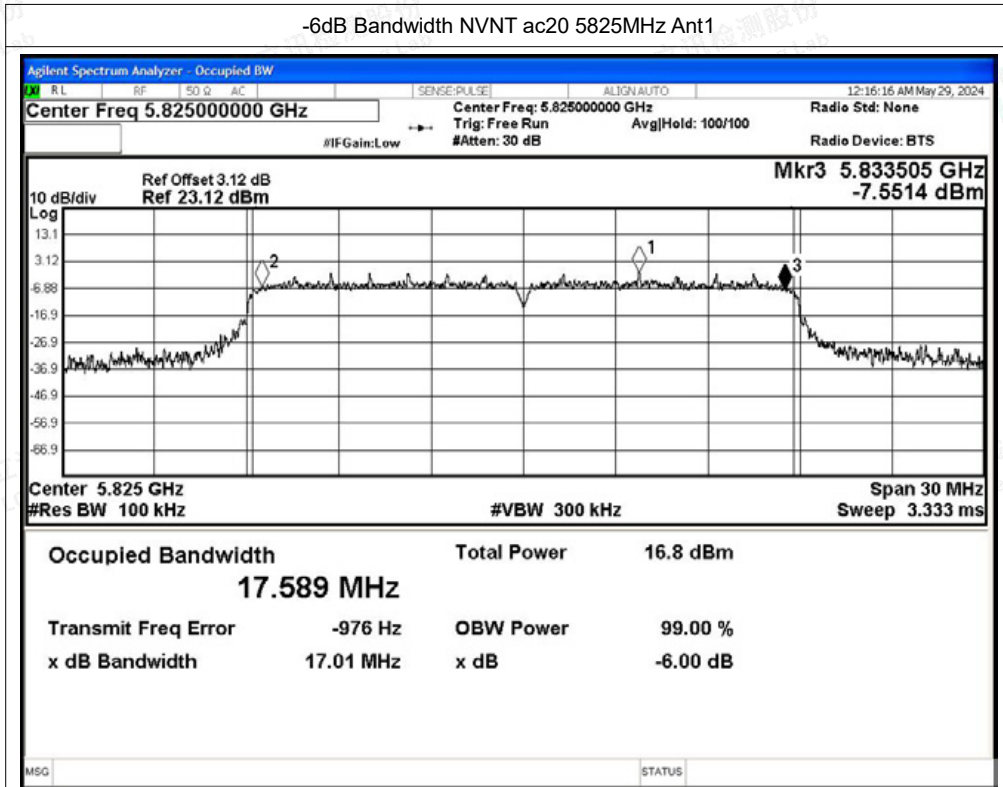


-6dB Bandwidth NVNT ac20 5785MHz Ant1

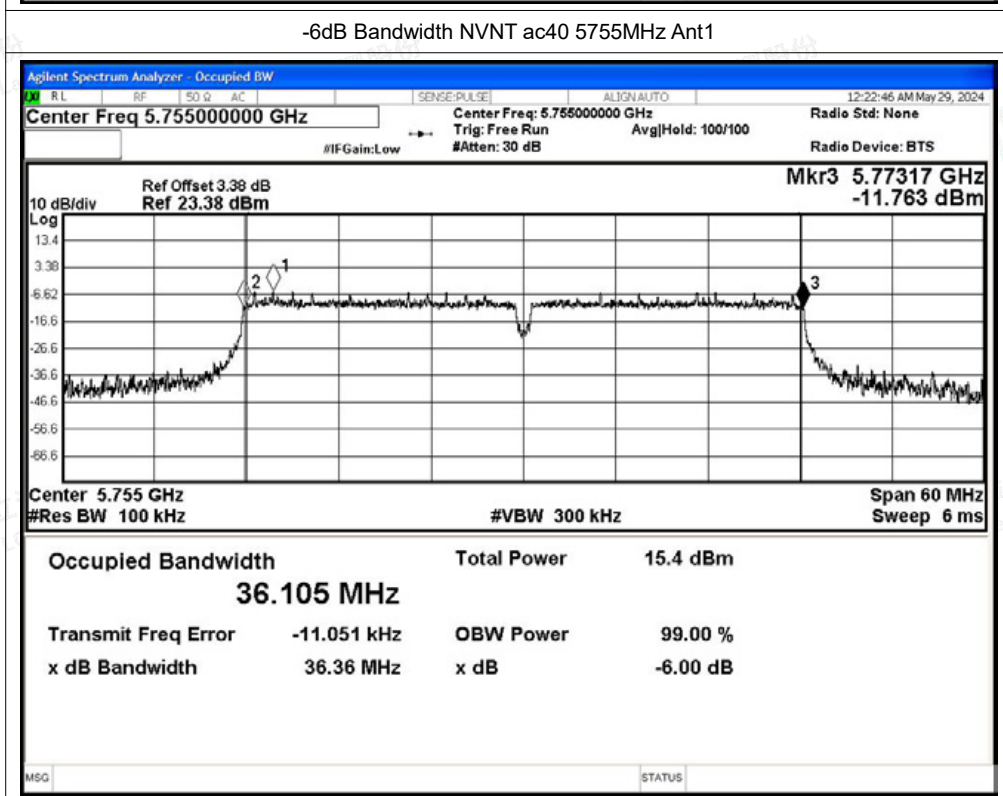




-6dB Bandwidth NVNT ac20 5825MHz Ant1

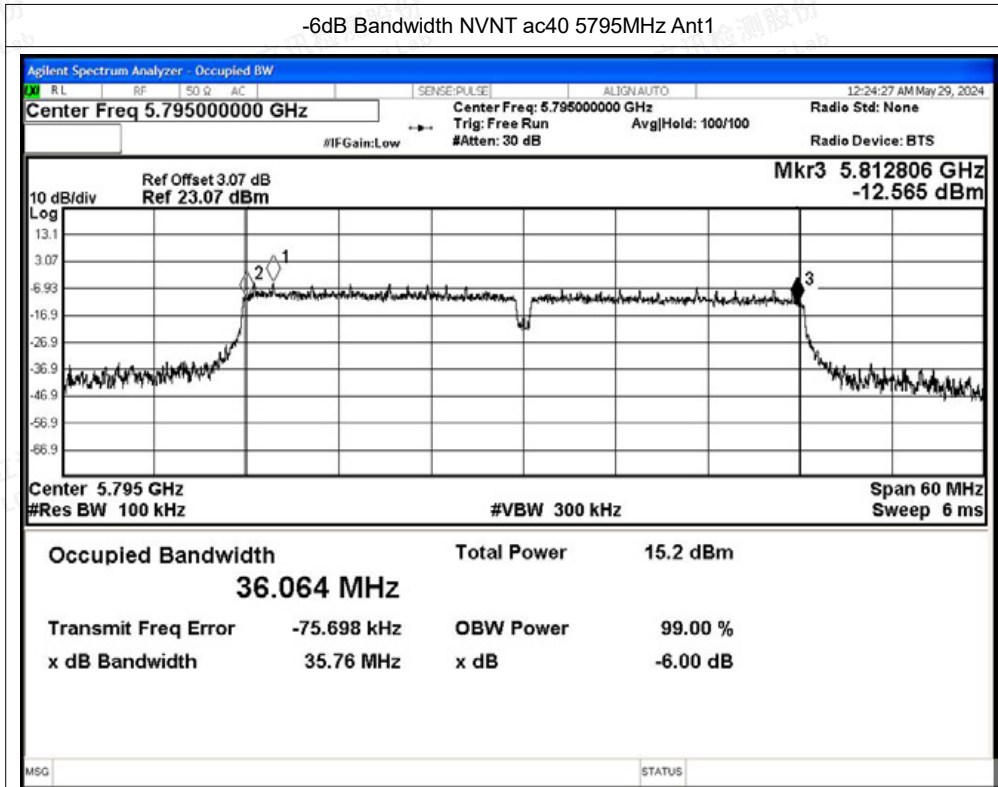


-6dB Bandwidth NVNT ac40 5755MHz Ant1

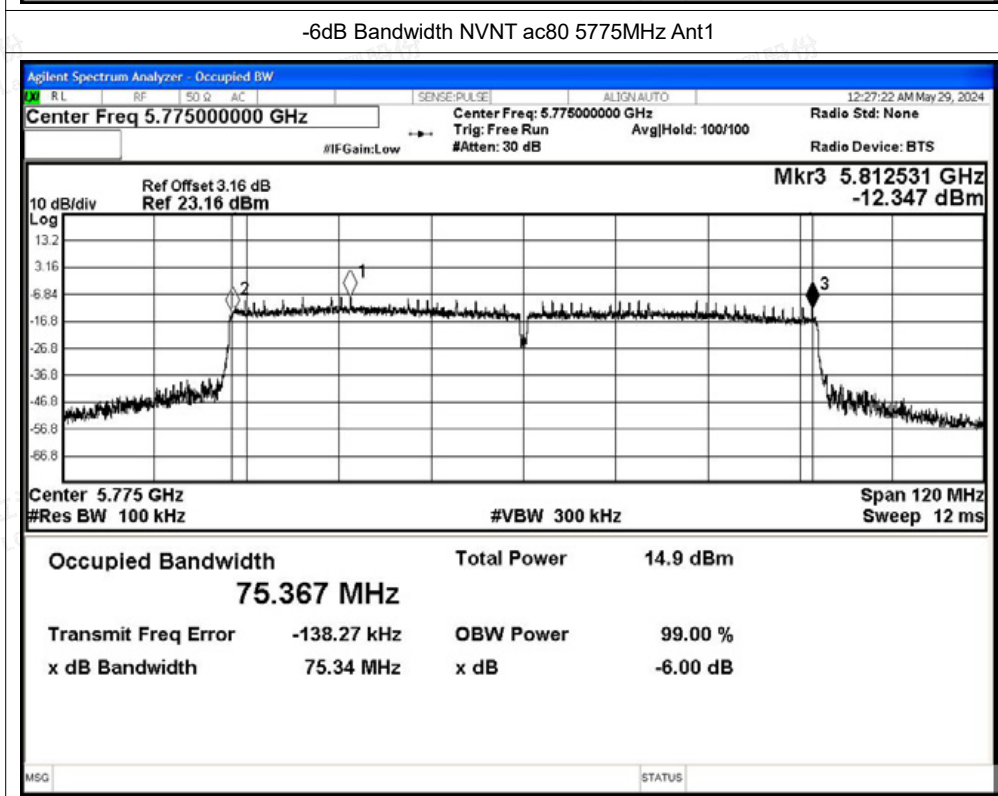




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1





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 | Ant0 | 12.84 | 0.32 | 13.16 | 30 | Pass |
| NVNT | a | 5785 | Ant0 | 12.61 | 0.31 | 12.92 | 30 | Pass |
| NVNT | a | 5825 | Ant0 | 11.8 | 0.32 | 12.12 | 30 | Pass |
| NVNT | n20 | 5745 | Ant0 | 11.12 | 0.36 | 11.48 | 30 | Pass |
| NVNT | n20 | 5785 | Ant0 | 11.34 | 0.36 | 11.7 | 30 | Pass |
| NVNT | n20 | 5825 | Ant0 | 11.33 | 0.36 | 11.69 | 30 | Pass |
| NVNT | n40 | 5755 | Ant0 | 10.6 | 0.44 | 11.04 | 30 | Pass |
| NVNT | n40 | 5795 | Ant0 | 10.64 | 0.44 | 11.08 | 30 | Pass |
| NVNT | ac20 | 5745 | Ant0 | 11.07 | 0.37 | 11.44 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant0 | 11.29 | 0.36 | 11.65 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant0 | 11.59 | 0.37 | 11.96 | 30 | Pass |
| NVNT | ac40 | 5755 | Ant0 | 10.53 | 0.44 | 10.97 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant0 | 10.46 | 0.44 | 10.9 | 30 | Pass |
| NVNT | ac80 | 5775 | Ant0 | 9.51 | 0.53 | 10.04 | 30 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT | a | 5745 | Ant1 | 11.76 | 0.32 | 12.08 | 30 | Pass |
| NVNT | a | 5785 | Ant1 | 11.7 | 0.32 | 12.02 | 30 | Pass |
| NVNT | a | 5825 | Ant1 | 10.94 | 0.31 | 11.25 | 30 | Pass |
| NVNT | n20 | 5745 | Ant1 | 10.28 | 0.36 | 10.64 | 30 | Pass |
| NVNT | n20 | 5785 | Ant1 | 10.07 | 0.36 | 10.43 | 30 | Pass |
| NVNT | n20 | 5825 | Ant1 | 10.31 | 0.37 | 10.68 | 30 | Pass |
| NVNT | n40 | 5755 | Ant1 | 9.64 | 0.45 | 10.09 | 30 | Pass |
| NVNT | n40 | 5795 | Ant1 | 9.17 | 0.45 | 9.62 | 30 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 10.13 | 0.37 | 10.5 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant1 | 9.99 | 0.37 | 10.36 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 10.27 | 0.37 | 10.64 | 30 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 8.55 | 0.44 | 8.99 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 8.4 | 0.45 | 8.85 | 30 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 7.75 | 0.53 | 8.28 | 30 | Pass |





MIMO

| Condition | Mode | Frequency (MHz) | Total Power (dBm) | | | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------------------|-------|-----------|-------------|---------|
| | | | Ant0 | Ant1 | Ant0+Ant1 | | |
| NVNT | n20 | 5745 | 11.48 | 10.64 | 14.09 | 30 | Pass |
| NVNT | n20 | 5785 | 11.7 | 10.43 | 14.12 | 30 | Pass |
| NVNT | n20 | 5825 | 11.69 | 10.68 | 14.22 | 30 | Pass |
| NVNT | n40 | 5755 | 11.04 | 10.09 | 13.60 | 30 | Pass |
| NVNT | n40 | 5795 | 11.08 | 9.62 | 13.42 | 30 | Pass |
| NVNT | ac20 | 5745 | 11.44 | 10.5 | 14.01 | 30 | Pass |
| NVNT | ac20 | 5785 | 11.65 | 10.36 | 14.06 | 30 | Pass |
| NVNT | ac20 | 5825 | 11.96 | 10.64 | 14.36 | 30 | Pass |
| NVNT | ac40 | 5755 | 10.97 | 8.99 | 13.10 | 30 | Pass |
| NVNT | ac40 | 5795 | 10.9 | 8.85 | 13.01 | 30 | Pass |
| NVNT | ac80 | 5775 | 10.04 | 8.28 | 12.26 | 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 | Ant0 | -0.68 | 0.32 | -0.36 | 30 | Pass |
| NVNT | a | 5785 | Ant0 | -0.98 | 0.31 | -0.67 | 30 | Pass |
| NVNT | a | 5825 | Ant0 | -1.77 | 0.32 | -1.45 | 30 | Pass |
| NVNT | n20 | 5745 | Ant0 | -2.57 | 0.36 | -2.21 | 30 | Pass |
| NVNT | n20 | 5785 | Ant0 | -2.45 | 0.36 | -2.09 | 30 | Pass |
| NVNT | n20 | 5825 | Ant0 | -2.26 | 0.36 | -1.9 | 30 | Pass |
| NVNT | n40 | 5755 | Ant0 | -5.82 | 0.44 | -5.38 | 30 | Pass |
| NVNT | n40 | 5795 | Ant0 | -5.91 | 0.44 | -5.47 | 30 | Pass |
| NVNT | ac20 | 5745 | Ant0 | -2.07 | 0.37 | -1.7 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant0 | -2.41 | 0.36 | -2.05 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant0 | -2.16 | 0.37 | -1.79 | 30 | Pass |
| NVNT | ac40 | 5755 | Ant0 | -6.05 | 0.44 | -5.61 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant0 | -5.86 | 0.44 | -5.42 | 30 | Pass |
| NVNT | ac80 | 5775 | Ant0 | -9.43 | 0.53 | -8.9 | 30 | Pass |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT | a | 5745 | Ant1 | -1.42 | 0.32 | -1.1 | 30 | Pass |
| NVNT | a | 5785 | Ant1 | -1.76 | 0.32 | -1.44 | 30 | Pass |
| NVNT | a | 5825 | Ant1 | -2.65 | 0.31 | -2.34 | 30 | Pass |
| NVNT | n20 | 5745 | Ant1 | -3.43 | 0.36 | -3.07 | 30 | Pass |
| NVNT | n20 | 5785 | Ant1 | -3.69 | 0.36 | -3.33 | 30 | Pass |
| NVNT | n20 | 5825 | Ant1 | -3.25 | 0.37 | -2.88 | 30 | Pass |
| NVNT | n40 | 5755 | Ant1 | -7.2 | 0.45 | -6.75 | 30 | Pass |
| NVNT | n40 | 5795 | Ant1 | -7.28 | 0.45 | -6.83 | 30 | Pass |
| NVNT | ac20 | 5745 | Ant1 | -3.63 | 0.37 | -3.26 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant1 | -3.92 | 0.37 | -3.55 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant1 | -3.22 | 0.37 | -2.85 | 30 | Pass |
| NVNT | ac40 | 5755 | Ant1 | -8.27 | 0.44 | -7.83 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant1 | -7.9 | 0.45 | -7.45 | 30 | Pass |
| NVNT | ac80 | 5775 | Ant1 | -11.14 | 0.53 | -10.61 | 30 | Pass |





MIMO

| Condition | Mode | Frequency (MHz) | Total PSD (dBm/500KHz) | | | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|------------------------|--------|-----------|--------------------|---------|
| | | | Ant0 | Ant1 | Ant0+Ant1 | | |
| NVNT | n20 | 5745 | -2.21 | -3.07 | 0.39 | 30 | Pass |
| NVNT | n20 | 5785 | -2.09 | -3.33 | 0.34 | 30 | Pass |
| NVNT | n20 | 5825 | -1.9 | -2.88 | 0.65 | 30 | Pass |
| NVNT | n40 | 5755 | -5.38 | -6.75 | -3.00 | 30 | Pass |
| NVNT | n40 | 5795 | -5.47 | -6.83 | -3.09 | 30 | Pass |
| NVNT | ac20 | 5745 | -1.7 | -3.26 | 0.60 | 30 | Pass |
| NVNT | ac20 | 5785 | -2.05 | -3.55 | 0.27 | 30 | Pass |
| NVNT | ac20 | 5825 | -1.79 | -2.85 | 0.72 | 30 | Pass |
| NVNT | ac40 | 5755 | -5.61 | -7.83 | -3.57 | 30 | Pass |
| NVNT | ac40 | 5795 | -5.42 | -7.45 | -3.31 | 30 | Pass |
| NVNT | ac80 | 5775 | -8.9 | -10.61 | -6.66 | 30 | Pass |

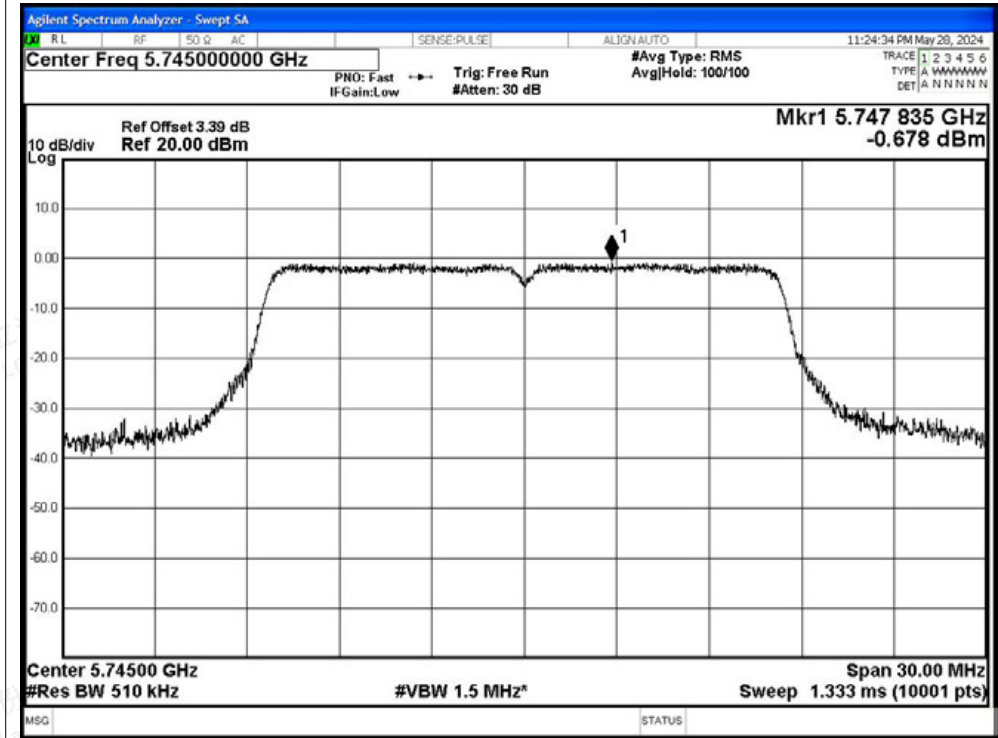


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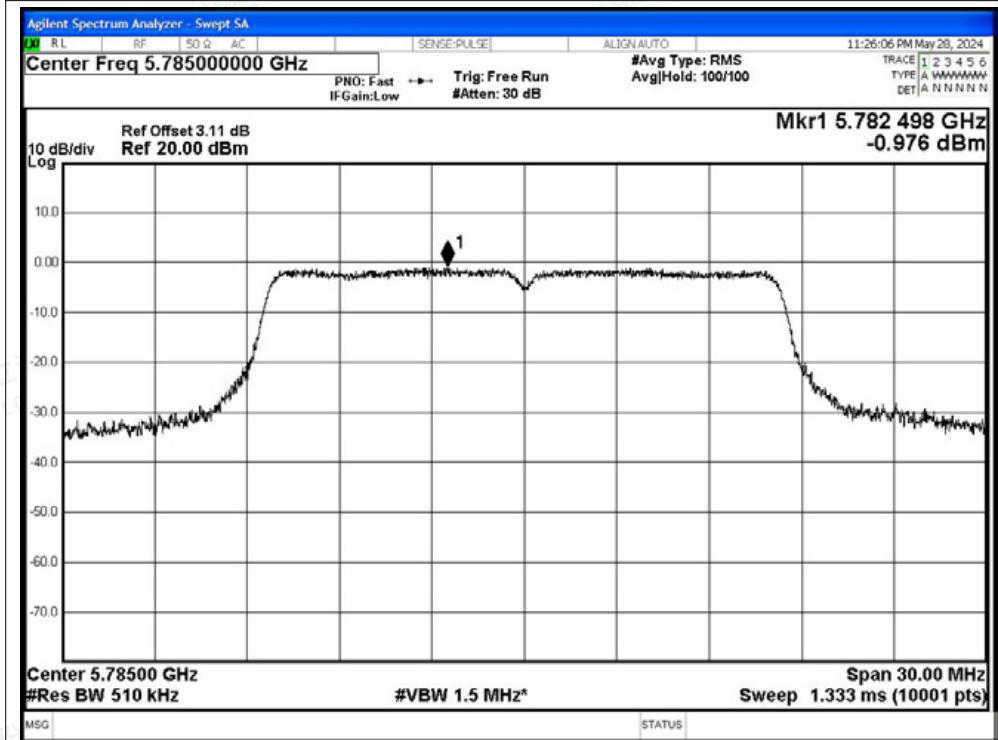


Test Graphs

PSD NVNT a 5745MHz Ant1

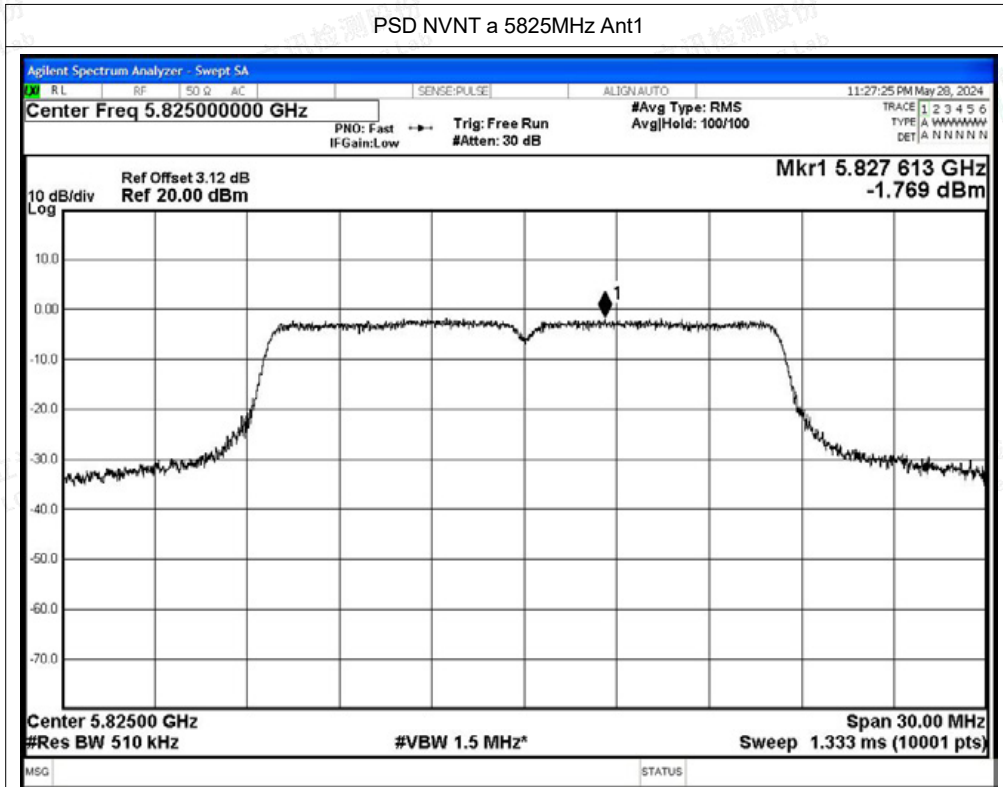


PSD NVNT a 5785MHz Ant1

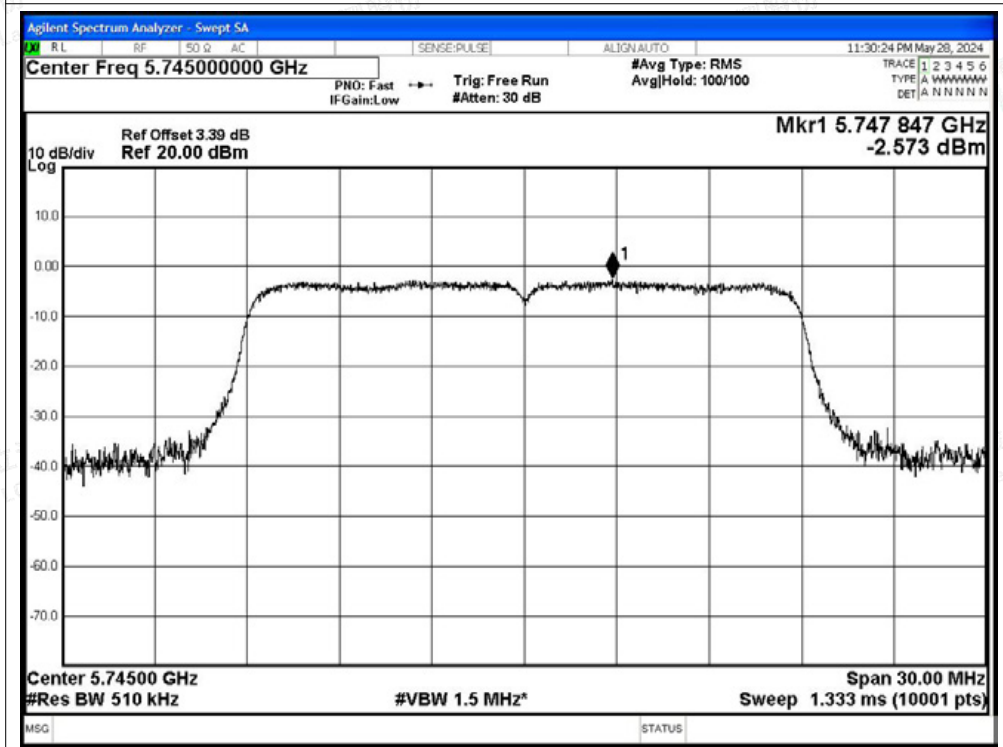




PSD NVNT a 5825MHz Ant1

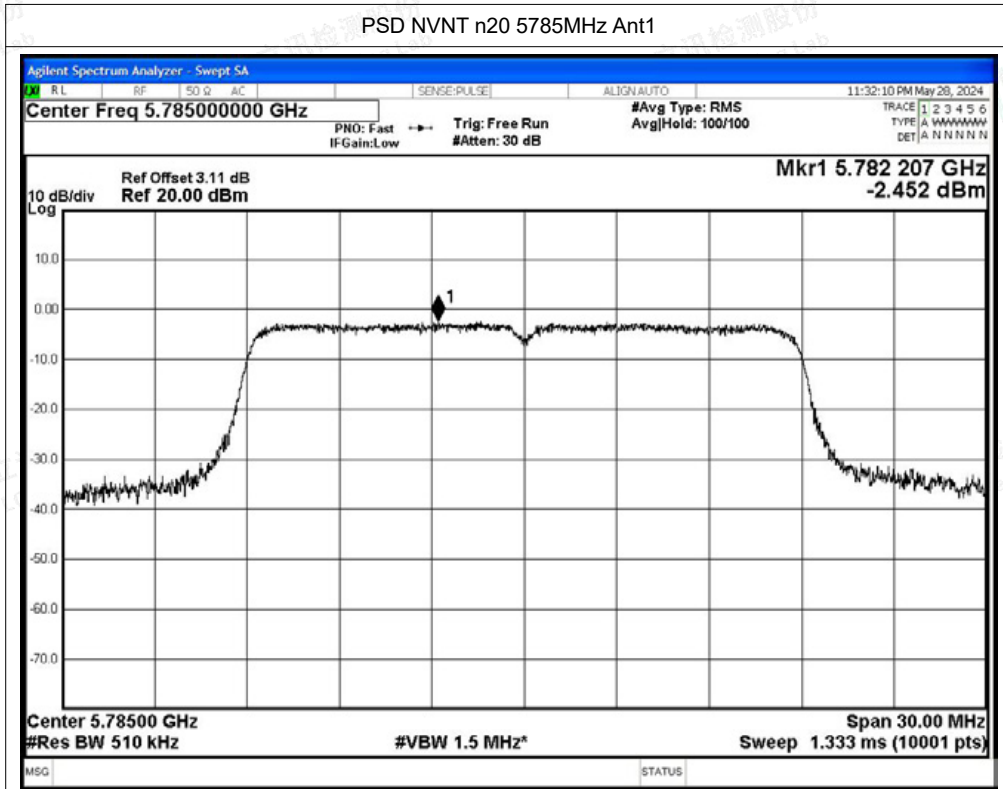


PSD NVNT n20 5745MHz Ant1

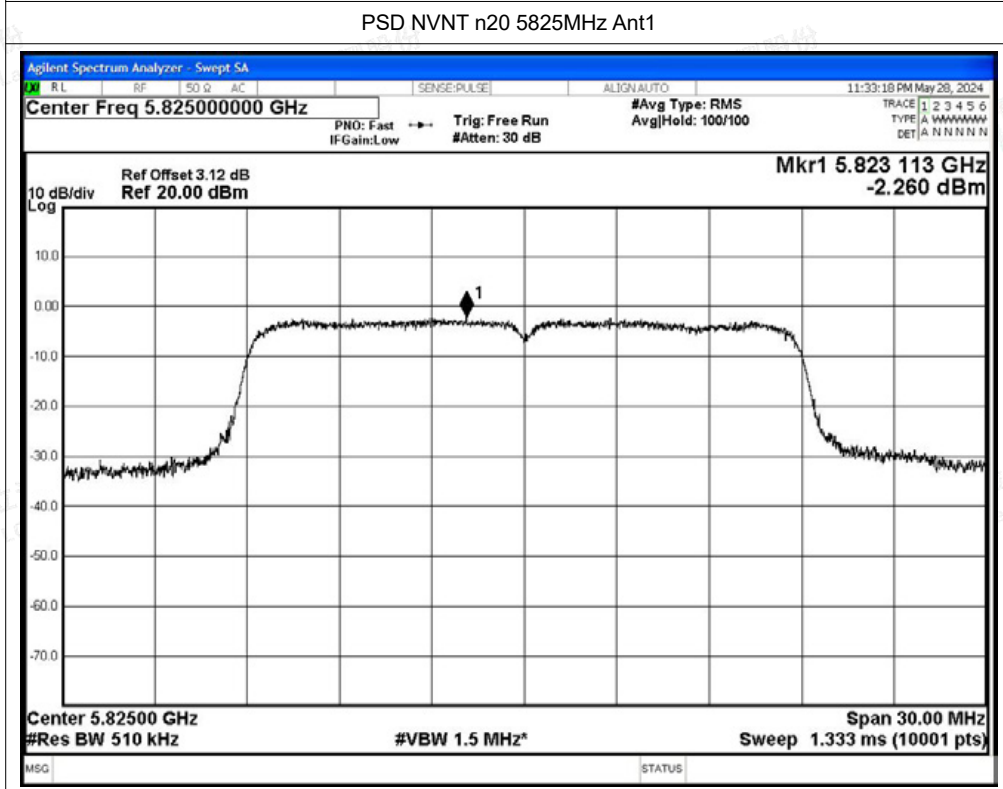




PSD NVNT n20 5785MHz Ant1

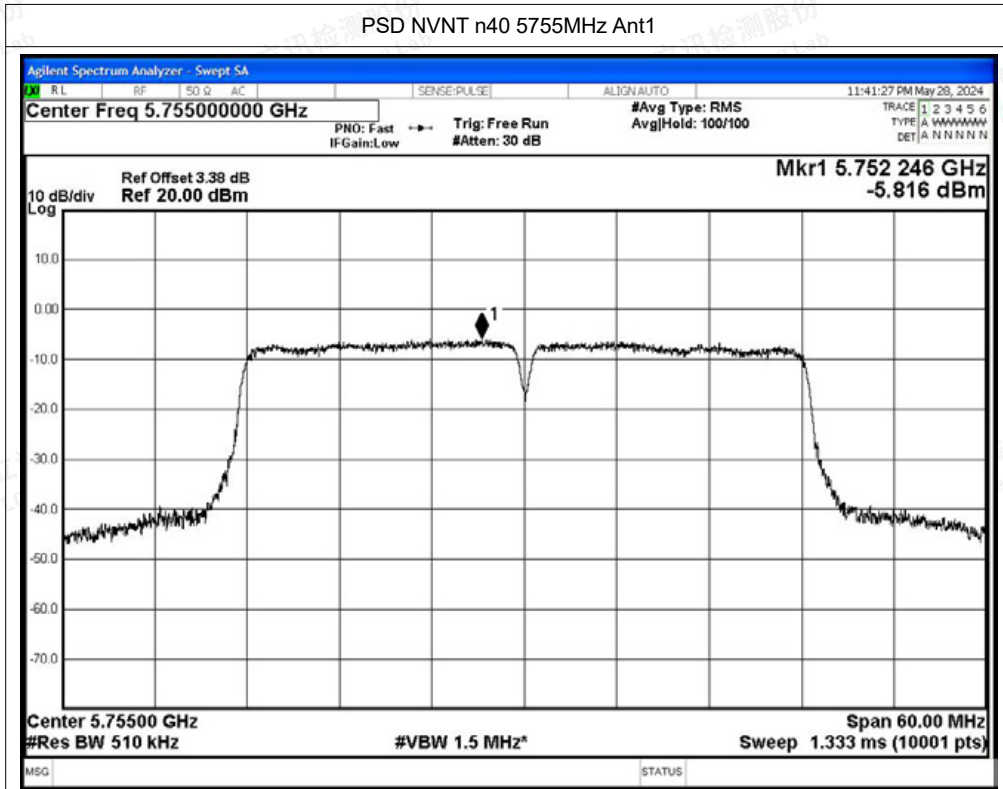


PSD NVNT n20 5825MHz Ant1

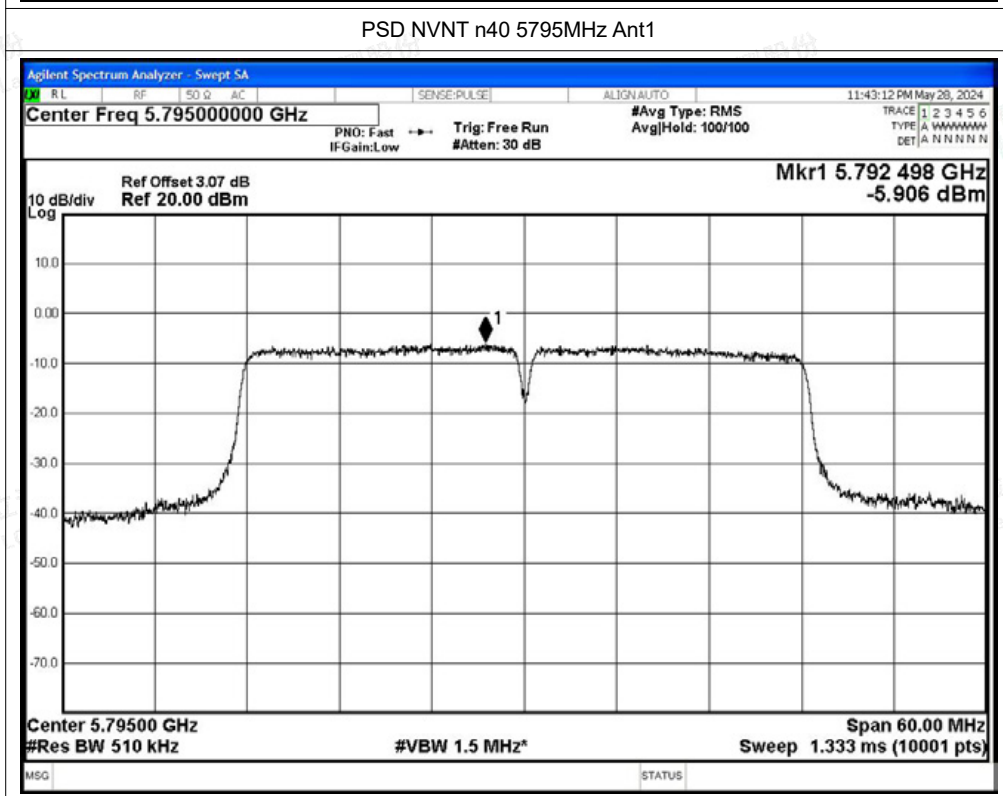




PSD NVNT n40 5755MHz Ant1

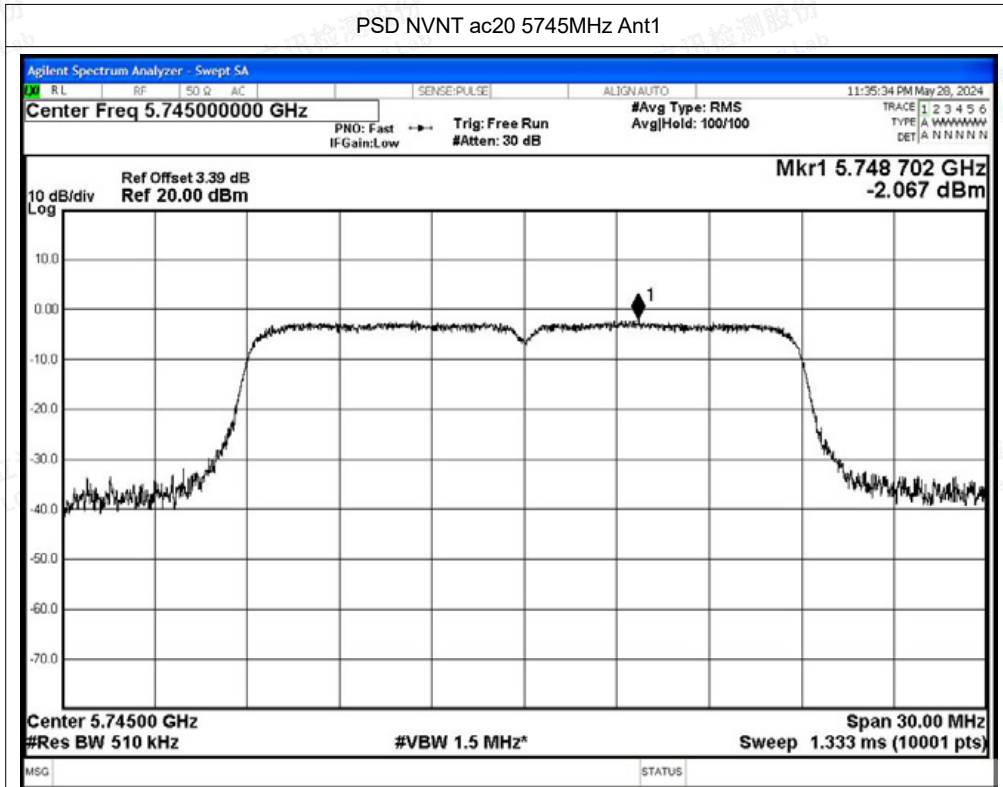


PSD NVNT n40 5795MHz Ant1

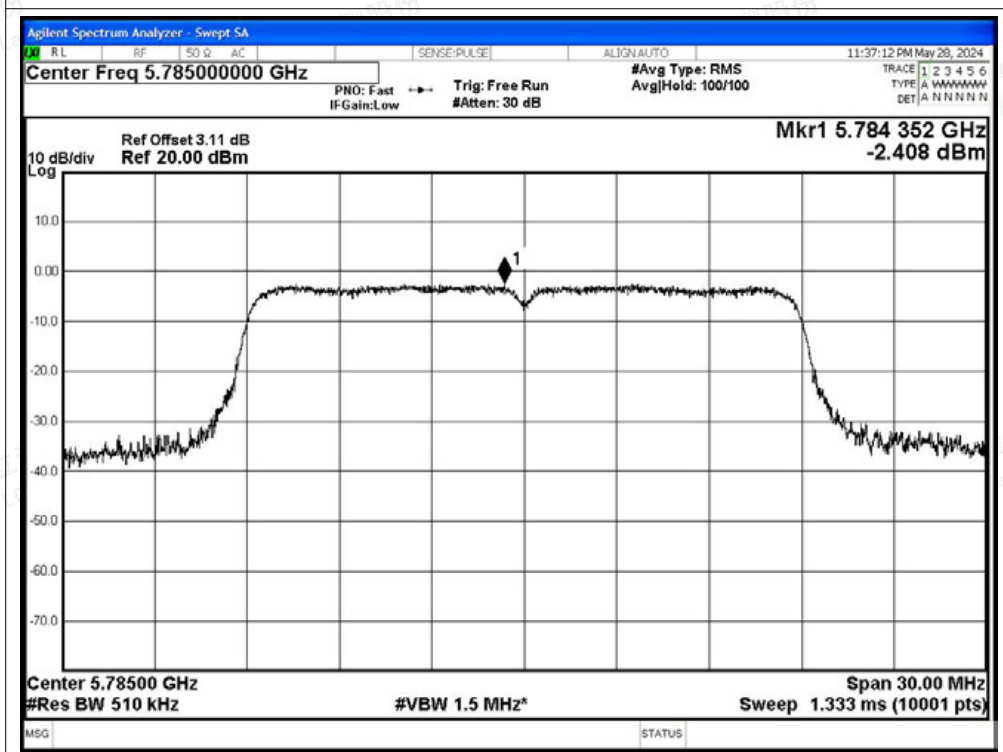




PSD NVNT ac20 5745MHz Ant1

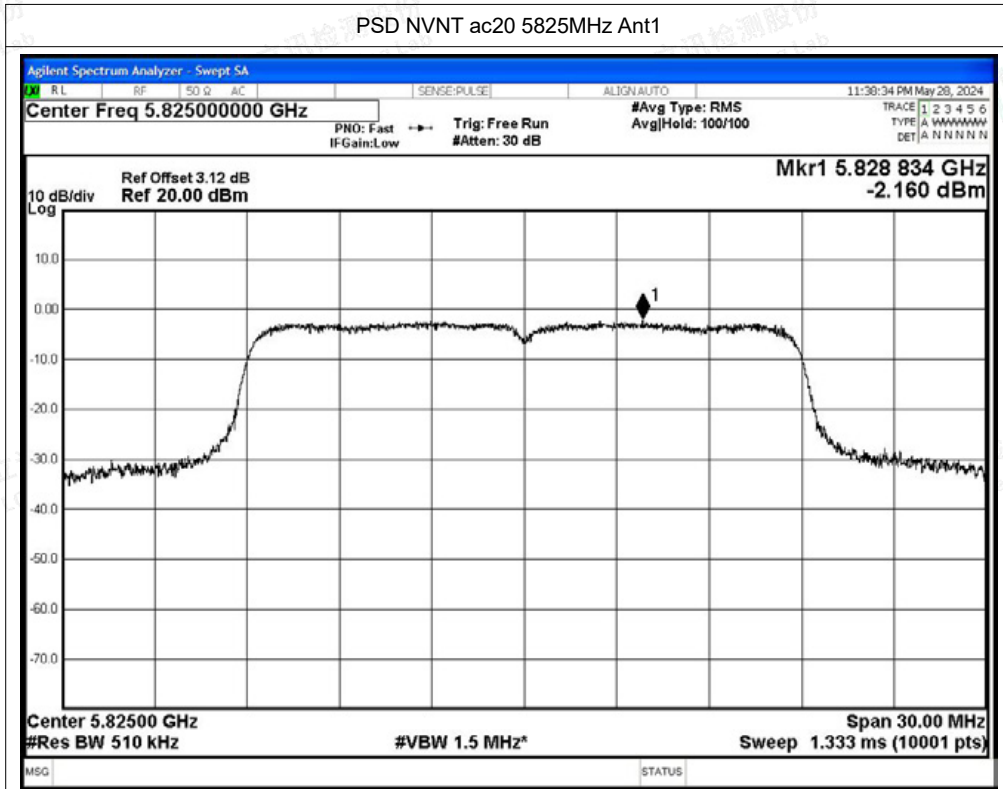


PSD NVNT ac20 5785MHz Ant1

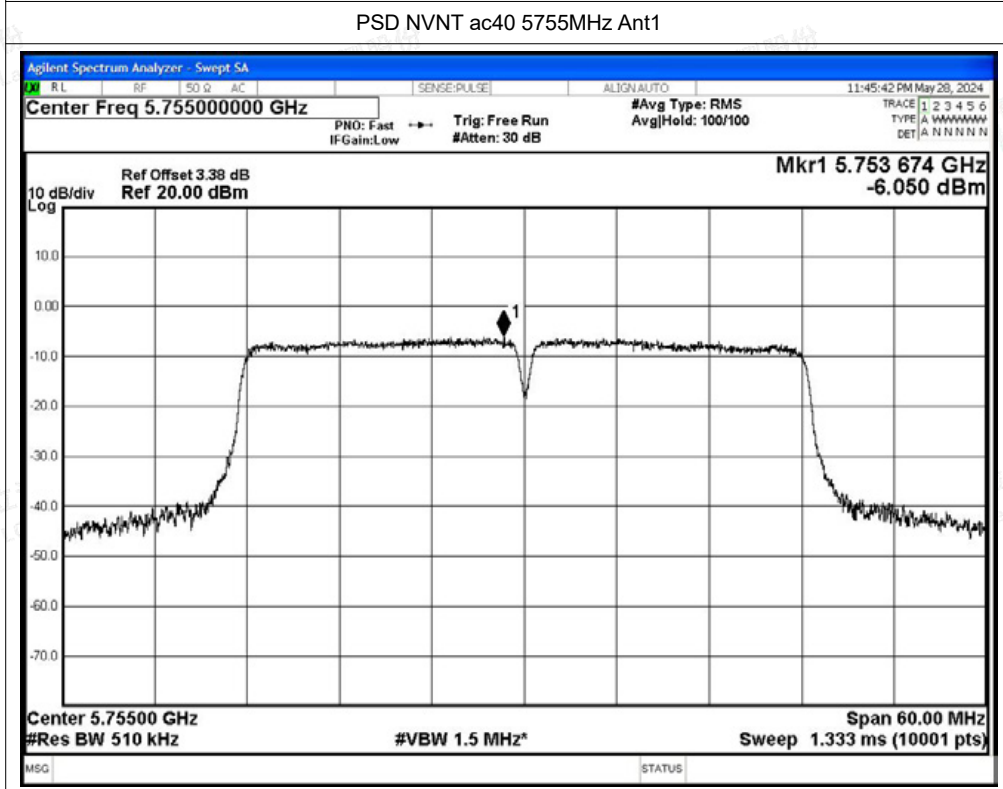




PSD NVNT ac20 5825MHz Ant1

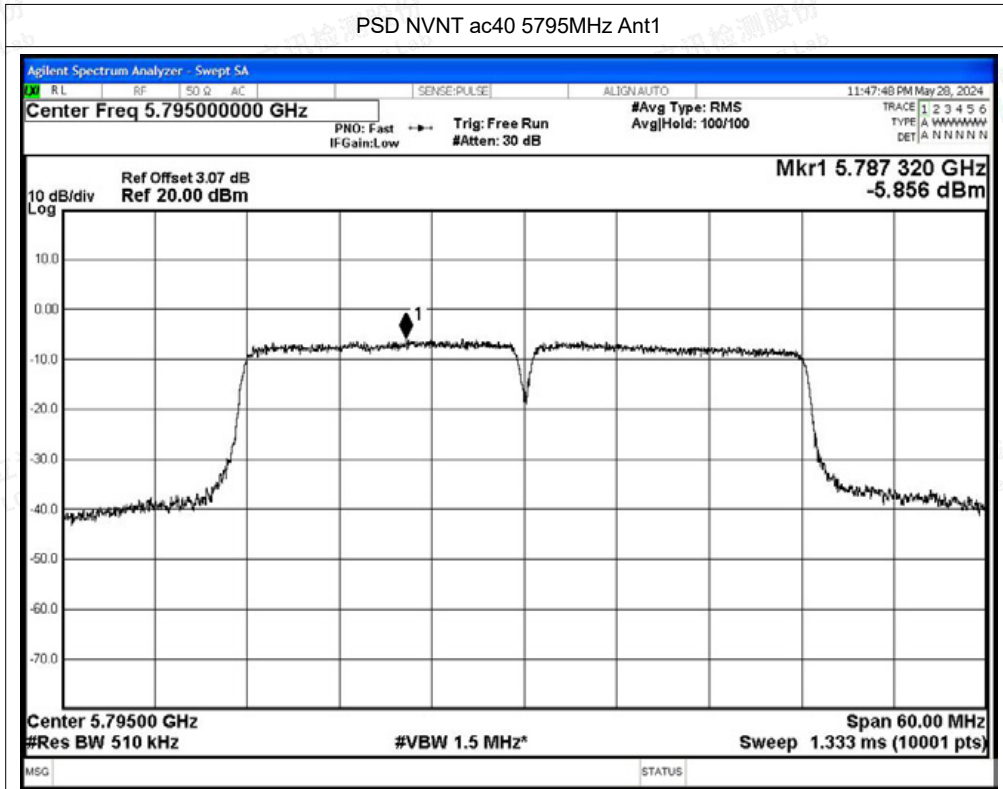


PSD NVNT ac40 5755MHz Ant1

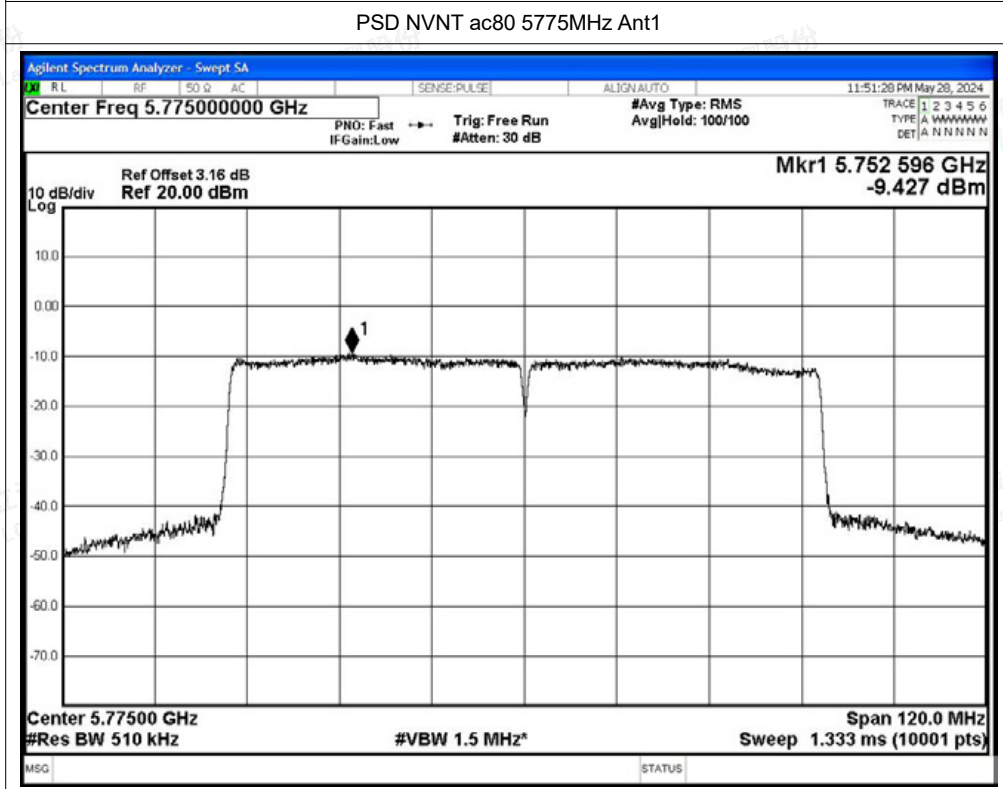




PSD NVNT ac40 5795MHz Ant1



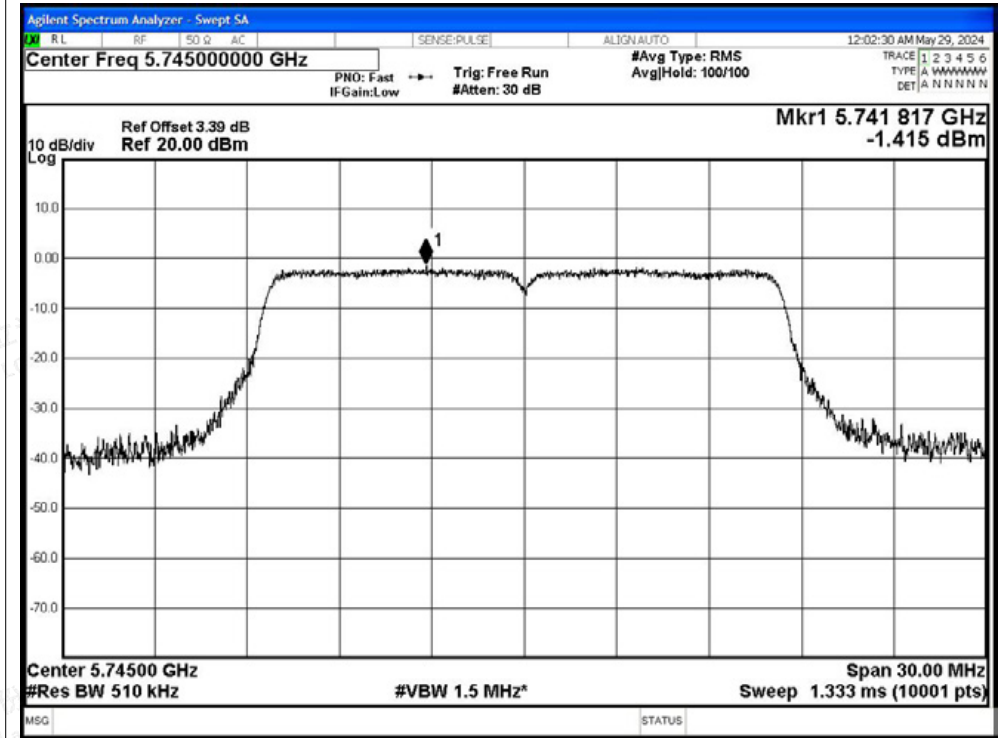
PSD NVNT ac80 5775MHz Ant1



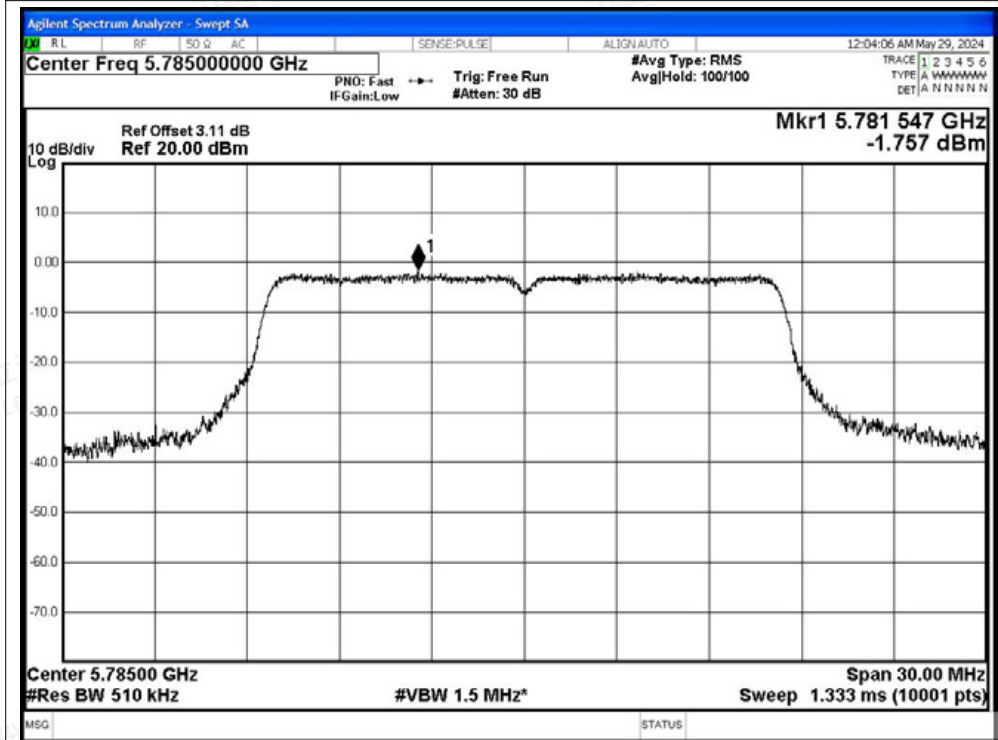


Test Graphs

PSD NVNT a 5745MHz Ant1

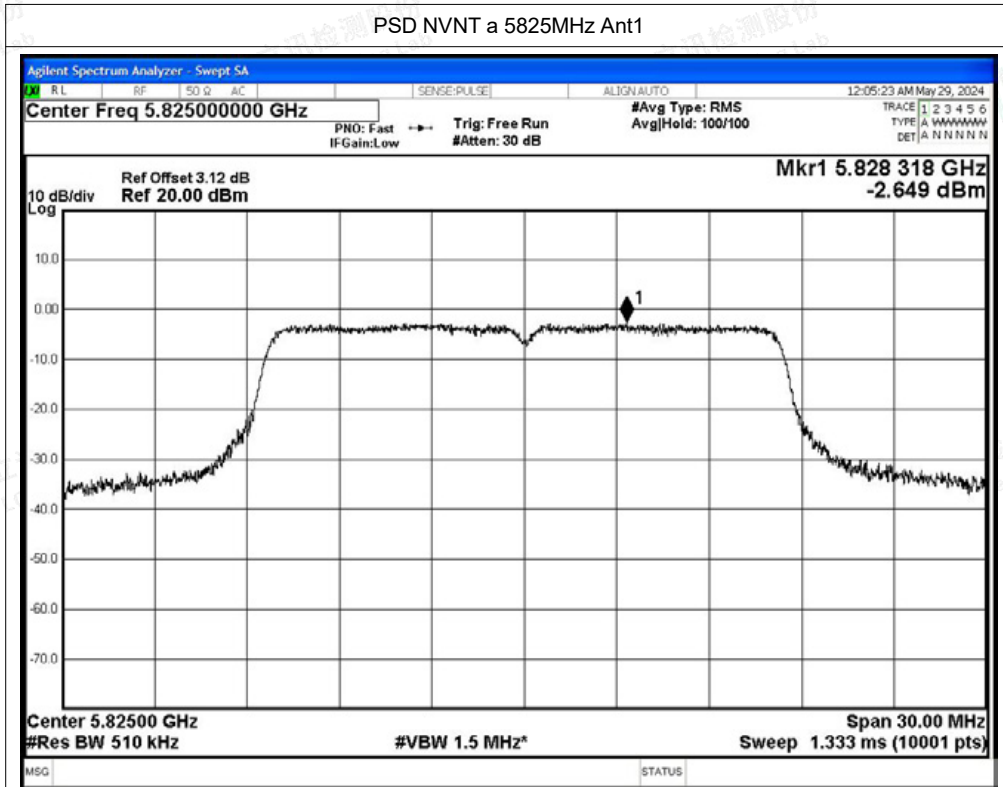


PSD NVNT a 5785MHz Ant1

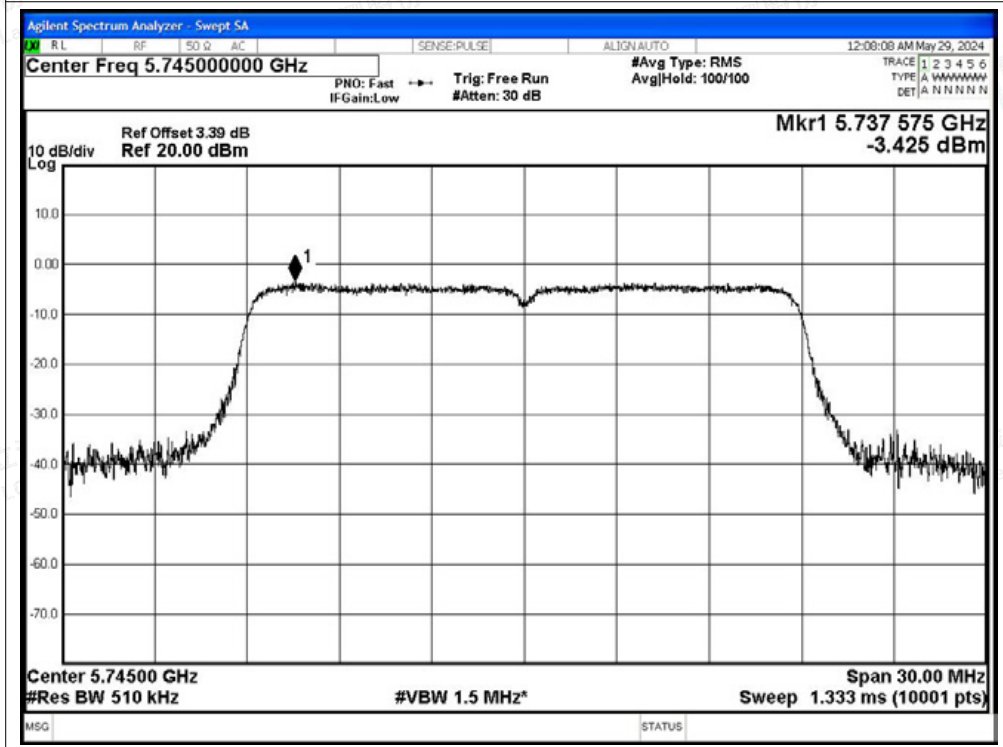




PSD NVNT a 5825MHz Ant1

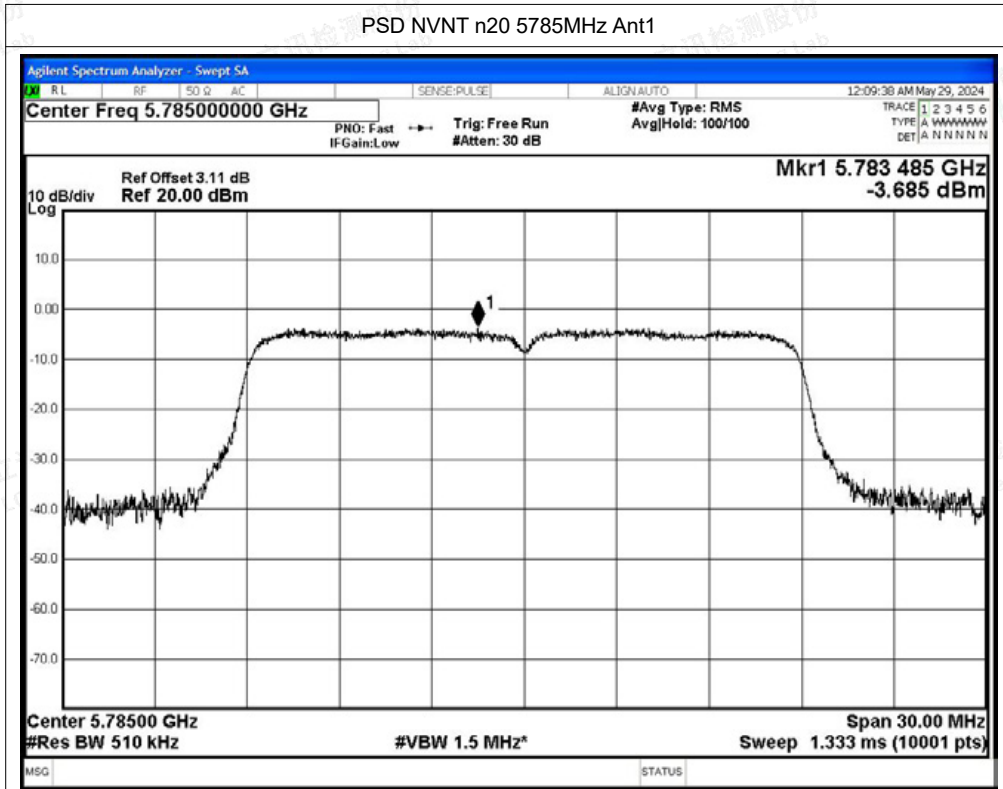


PSD NVNT n20 5745MHz Ant1

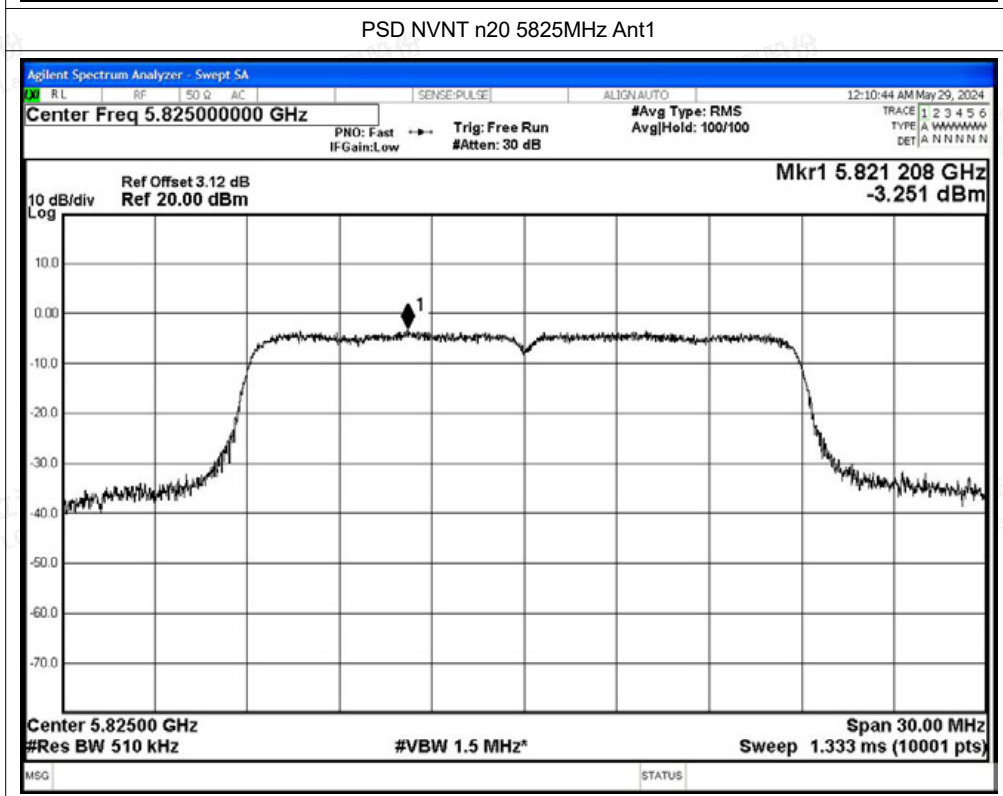




PSD NVNT n20 5785MHz Ant1

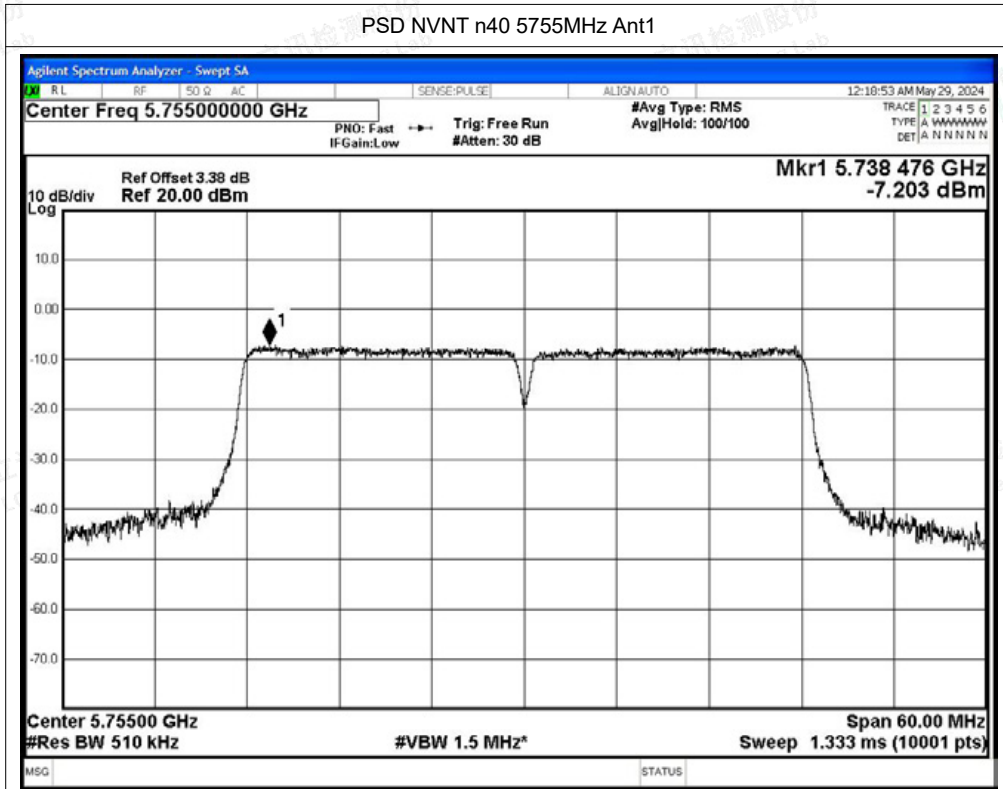


PSD NVNT n20 5825MHz Ant1

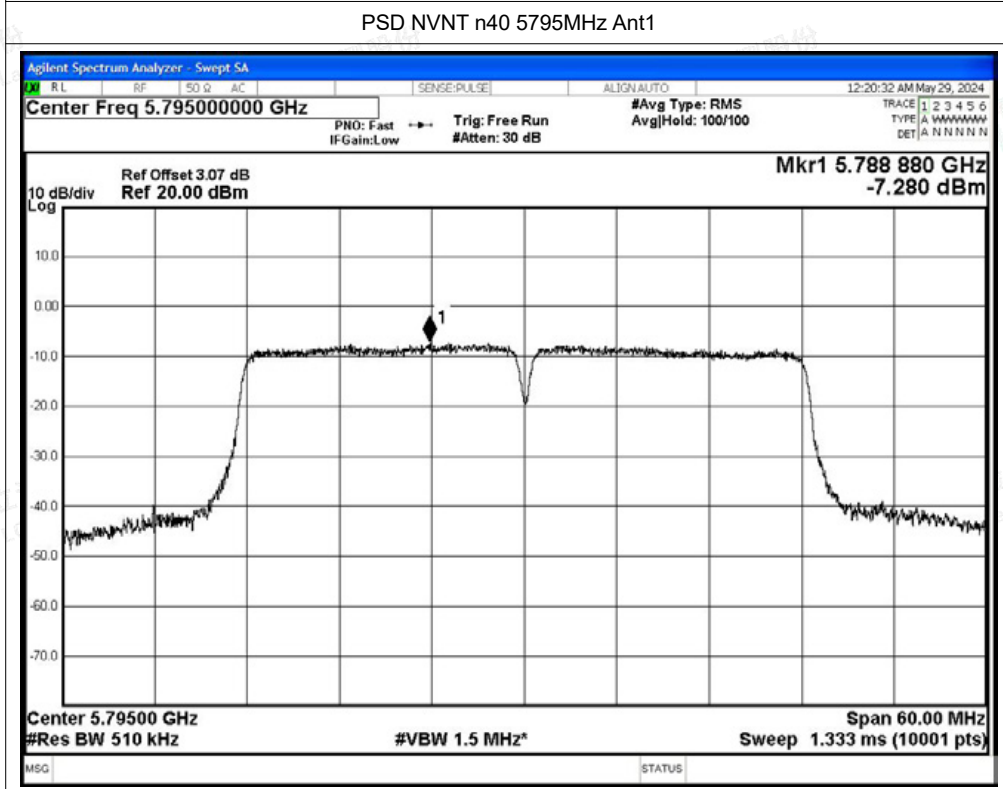




PSD NVNT n40 5755MHz Ant1

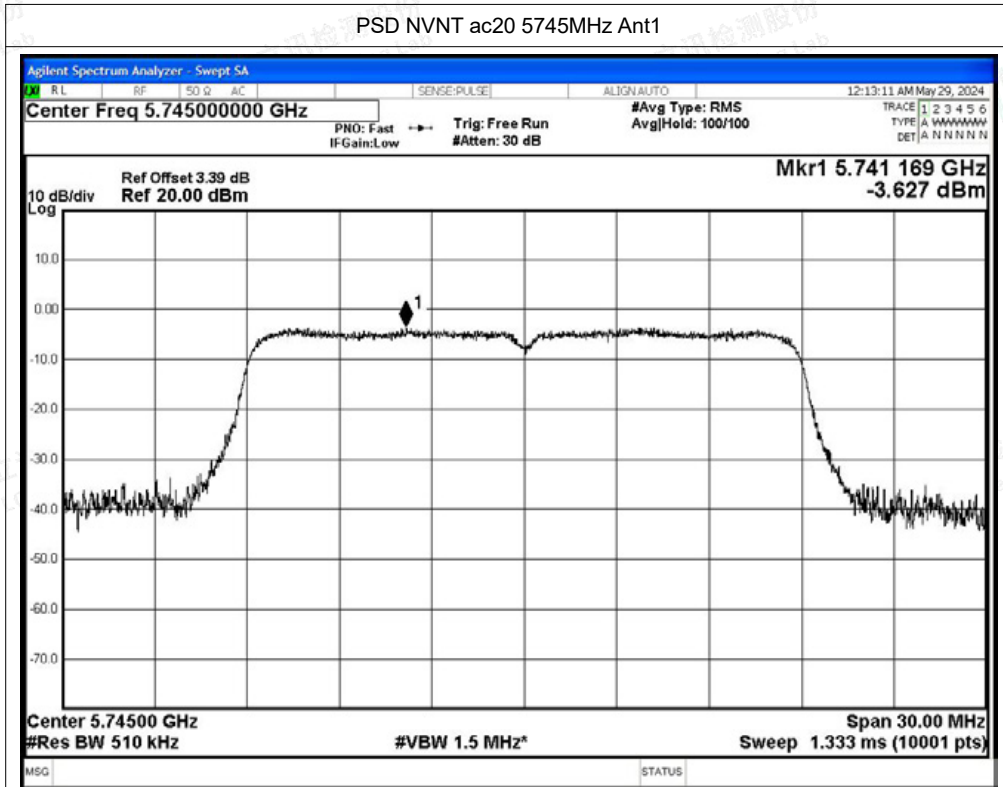


PSD NVNT n40 5795MHz Ant1

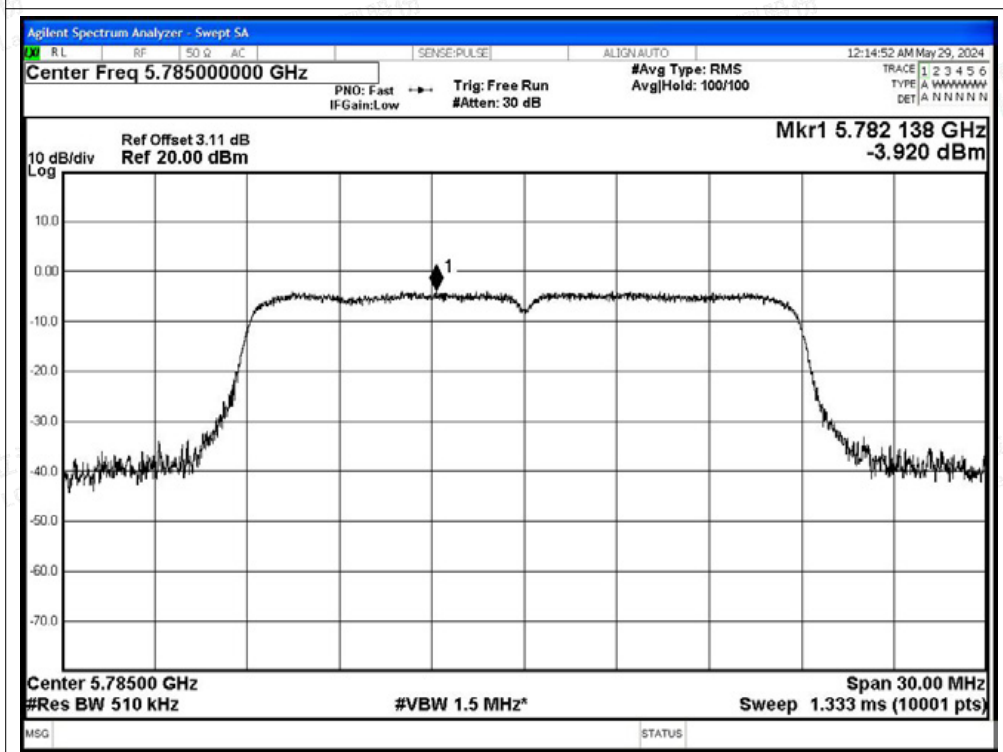




PSD NVNT ac20 5745MHz Ant1

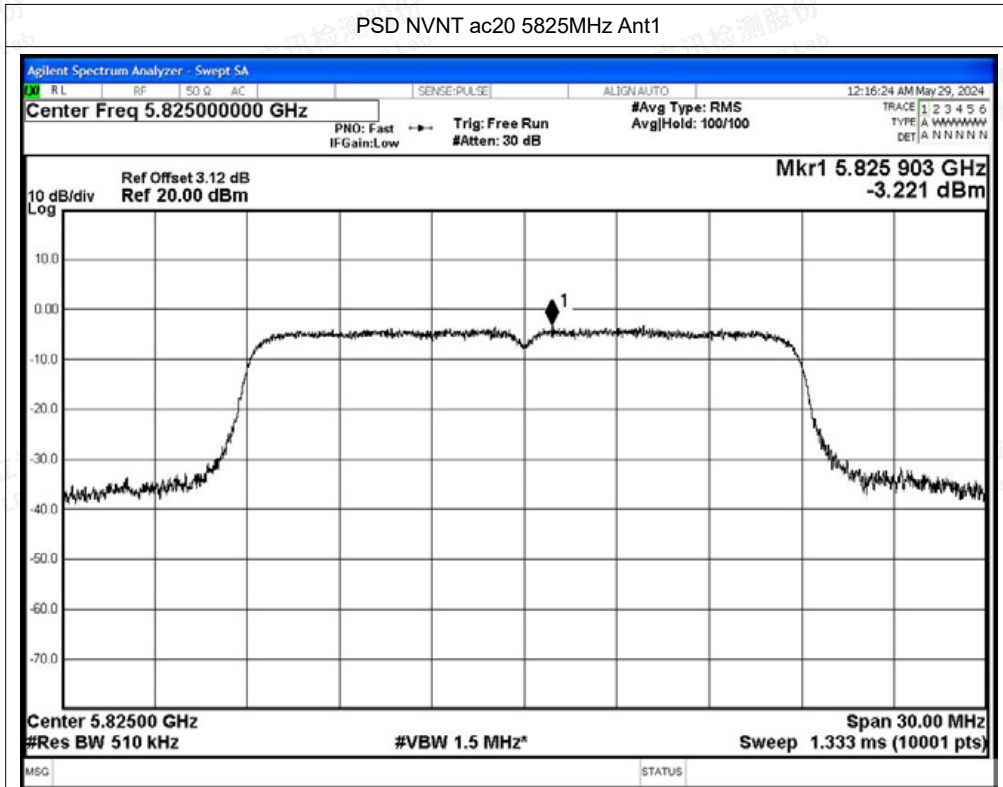


PSD NVNT ac20 5785MHz Ant1

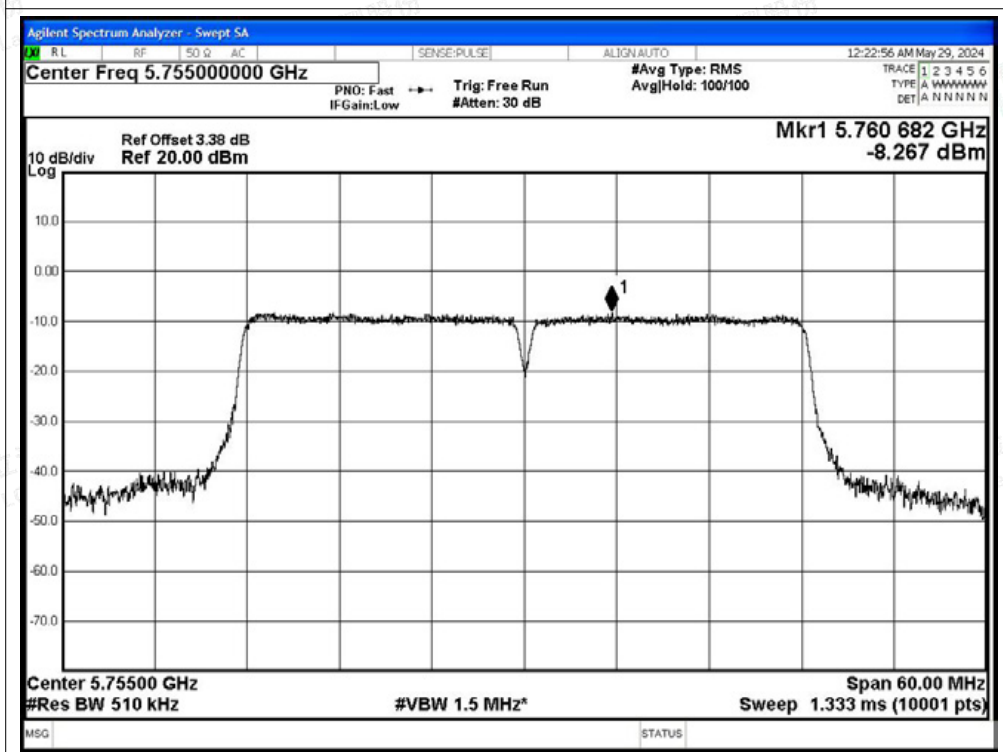




PSD NVNT ac20 5825MHz Ant1

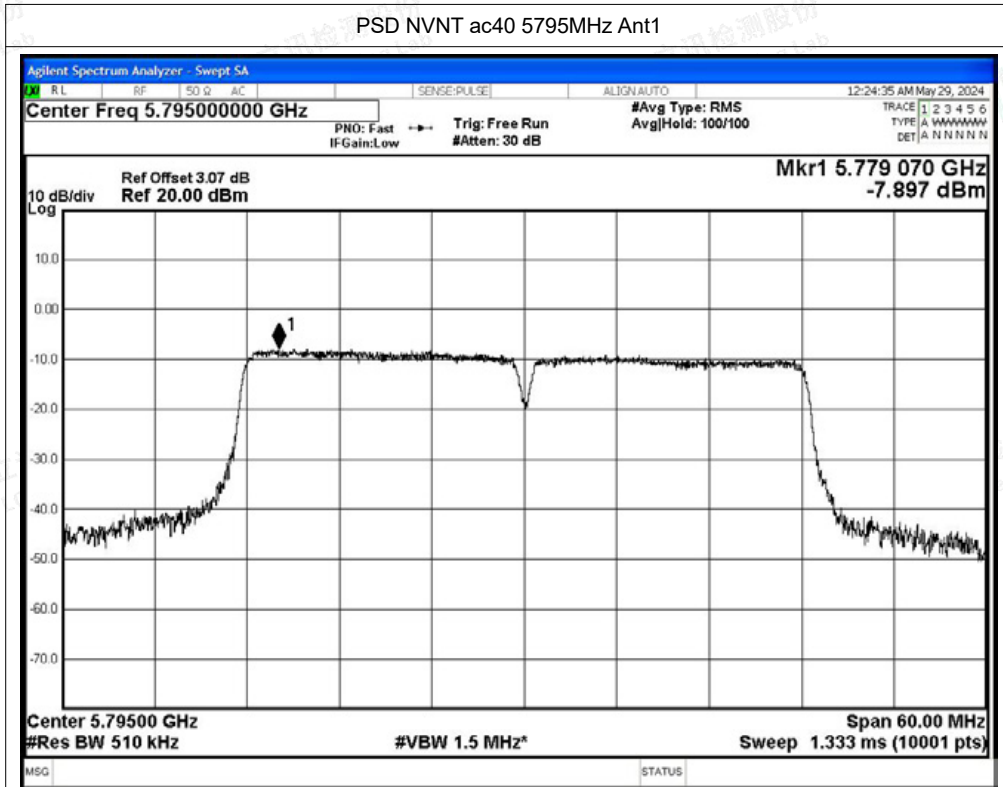


PSD NVNT ac40 5755MHz Ant1

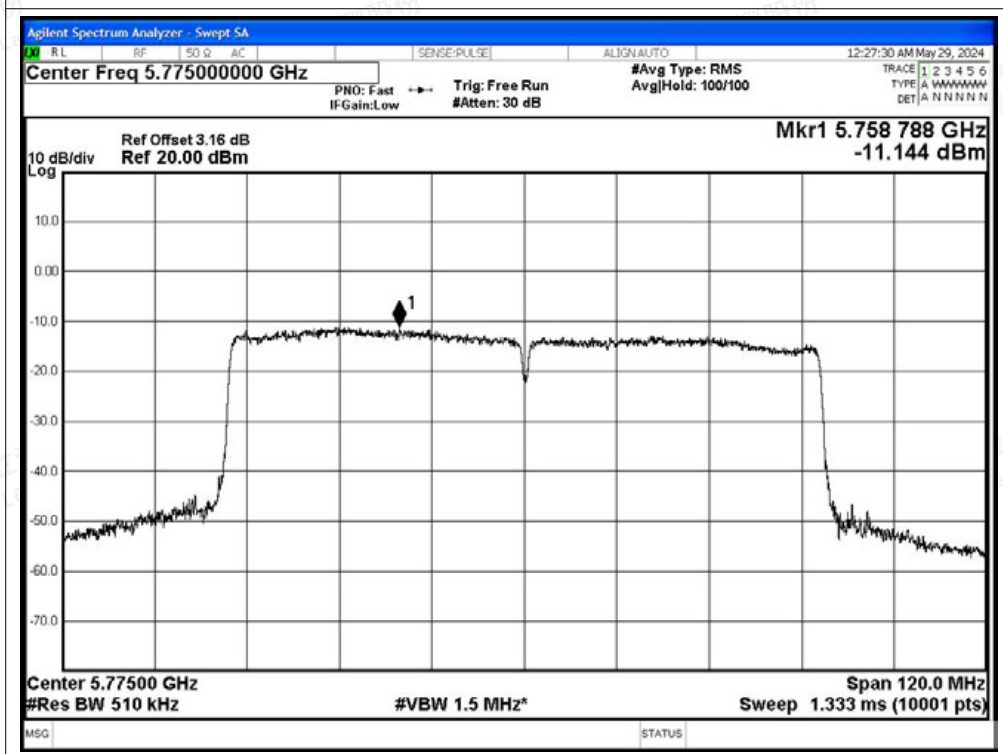




PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1





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 | -47.94 | 2.62 | - | -45.32 | Peak | -27 | Pass |
| NVNT | a | 5745 | Ant1 | 5650 | -58.29 | 2.62 | 0.32 | -55.35 | Average | -27 | Pass |
| NVNT | a | 5745 | Ant1 | 5700 | -48.48 | 2.62 | - | -45.86 | Peak | 10 | Pass |
| NVNT | a | 5745 | Ant1 | 5700 | -57.14 | 2.62 | 0.32 | -54.2 | Average | 10 | Pass |
| NVNT | a | 5745 | Ant1 | 5720 | -41.34 | 2.62 | - | -38.72 | Peak | 15.6 | Pass |
| NVNT | a | 5745 | Ant1 | 5720 | -55.65 | 2.62 | 0.32 | -52.71 | Average | 15.6 | Pass |
| NVNT | a | 5745 | Ant1 | 5725 | -31.59 | 2.62 | - | -28.97 | Peak | 27 | Pass |
| NVNT | a | 5745 | Ant1 | 5725 | -51.62 | 2.62 | 0.32 | -48.68 | Average | 27 | Pass |
| NVNT | a | 5825 | Ant1 | 5850 | -42.49 | 2.62 | - | -39.87 | Peak | 27 | Pass |
| NVNT | a | 5825 | Ant1 | 5850 | -56.02 | 2.62 | 0.32 | -53.08 | Average | 27 | Pass |
| NVNT | a | 5825 | Ant1 | 5855 | -47.22 | 2.62 | - | -44.6 | Peak | 15.6 | Pass |
| NVNT | a | 5825 | Ant1 | 5855 | -56.96 | 2.62 | 0.32 | -54.02 | Average | 15.6 | Pass |
| NVNT | a | 5825 | Ant1 | 5875 | -49.96 | 2.62 | - | -47.34 | Peak | 10 | Pass |
| NVNT | a | 5825 | Ant1 | 5875 | -58.09 | 2.62 | 0.32 | -55.15 | Average | 10 | Pass |
| NVNT | a | 5825 | Ant1 | 5925 | -49.51 | 2.62 | - | -46.89 | Peak | -27 | Pass |
| NVNT | a | 5825 | Ant1 | 5925 | -57.88 | 2.62 | 0.32 | -54.94 | Average | -27 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5650 | -51.62 | 5.63 | - | -45.99 | Peak | -27 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5650 | -57.81 | 5.63 | 0.36 | -51.82 | Average | -27 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5700 | -49.31 | 5.63 | - | -43.68 | Peak | 10 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5700 | -57.27 | 5.63 | 0.36 | -51.28 | Average | 10 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5720 | -39.17 | 5.63 | - | -33.54 | Peak | 15.6 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5720 | -53.61 | 5.63 | 0.36 | -47.62 | Average | 15.6 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5725 | -34.09 | 5.63 | - | -28.46 | Peak | 27 | Pass |
| NVNT | n20MIMO | 5745 | Ant1 | 5725 | -46.04 | 5.63 | 0.36 | -40.05 | Average | 27 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5850 | -40.89 | 5.63 | - | -35.26 | Peak | 27 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5850 | -53.82 | 5.63 | 0.36 | -47.83 | Average | 27 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5855 | -47.46 | 5.63 | - | -41.83 | Peak | 15.6 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5855 | -57.66 | 5.63 | 0.36 | -51.67 | Average | 15.6 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5875 | -49.18 | 5.63 | - | -43.55 | Peak | 10 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5875 | -58.33 | 5.63 | 0.36 | -52.34 | Average | 10 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5925 | -50.27 | 5.63 | - | -44.64 | Peak | -27 | Pass |
| NVNT | n20MIMO | 5825 | Ant1 | 5925 | -57.53 | 5.63 | 0.36 | -51.54 | Average | -27 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5650 | -49.48 | 5.63 | - | -43.85 | Peak | -27 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5650 | -57.78 | 5.63 | 0.44 | -51.71 | Average | -27 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5700 | -47.06 | 5.63 | - | -41.43 | Peak | 10 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5700 | -57.92 | 5.63 | 0.44 | -51.85 | Average | 10 | Pass |





| | | | | | | | | | | | |
|------|----------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | n40MIMO | 5755 | Ant1 | 5720 | -40.42 | 5.63 | - | -34.79 | Peak | 15.6 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5720 | -52.52 | 5.63 | 0.44 | -46.45 | Average | 15.6 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5725 | -37.06 | 5.63 | - | -31.43 | Peak | 27 | Pass |
| NVNT | n40MIMO | 5755 | Ant1 | 5725 | -50.83 | 5.63 | 0.44 | -44.76 | Average | 27 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5850 | -50.02 | 5.63 | - | -44.39 | Peak | 27 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5850 | -58.8 | 5.63 | 0.44 | -52.73 | Average | 27 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5855 | -51.04 | 5.63 | - | -45.41 | Peak | 15.6 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5855 | -58.24 | 5.63 | 0.44 | -52.17 | Average | 15.6 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5875 | -50.67 | 5.63 | - | -45.04 | Peak | 10 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5875 | -58.64 | 5.63 | 0.44 | -52.57 | Average | 10 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5925 | -49.97 | 5.63 | - | -44.34 | Peak | -27 | Pass |
| NVNT | n40MIMO | 5795 | Ant1 | 5925 | -57.79 | 5.63 | 0.44 | -51.72 | Average | -27 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5650 | -49.93 | 5.63 | - | -44.3 | Peak | -27 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5650 | -57.55 | 5.63 | 0.37 | -51.55 | Average | -27 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5700 | -48.64 | 5.63 | - | -43.01 | Peak | 10 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5700 | -57.26 | 5.63 | 0.37 | -51.26 | Average | 10 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5720 | -40.85 | 5.63 | - | -35.22 | Peak | 15.6 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5720 | -51.55 | 5.63 | 0.37 | -45.55 | Average | 15.6 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5725 | -34.51 | 5.63 | - | -28.88 | Peak | 27 | Pass |
| NVNT | ac20MIMO | 5745 | Ant1 | 5725 | -47 | 5.63 | 0.37 | -41 | Average | 27 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5850 | -41.6 | 5.63 | - | -35.97 | Peak | 27 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5850 | -54.96 | 5.63 | 0.37 | -48.96 | Average | 27 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5855 | -47.18 | 5.63 | - | -41.55 | Peak | 15.6 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5855 | -56.83 | 5.63 | 0.37 | -50.83 | Average | 15.6 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5875 | -49.58 | 5.63 | - | -43.95 | Peak | 10 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5875 | -57.76 | 5.63 | 0.37 | -51.76 | Average | 10 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5925 | -48.34 | 5.63 | - | -42.71 | Peak | -27 | Pass |
| NVNT | ac20MIMO | 5825 | Ant1 | 5925 | -57.51 | 5.63 | 0.37 | -51.51 | Average | -27 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5650 | -49.37 | 5.63 | - | -43.74 | Peak | -27 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5650 | -58.14 | 5.63 | 0.44 | -52.07 | Average | -27 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5700 | -50.45 | 5.63 | - | -44.82 | Peak | 10 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5700 | -57.85 | 5.63 | 0.44 | -51.78 | Average | 10 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5720 | -40.58 | 5.63 | - | -34.95 | Peak | 15.6 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5720 | -51.87 | 5.63 | 0.44 | -45.8 | Average | 15.6 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5725 | -33.41 | 5.63 | - | -27.78 | Peak | 27 | Pass |
| NVNT | ac40MIMO | 5755 | Ant1 | 5725 | -50.81 | 5.63 | 0.44 | -44.74 | Average | 27 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5850 | -51.18 | 5.63 | - | -45.55 | Peak | 27 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5850 | -58.71 | 5.63 | 0.44 | -52.64 | Average | 27 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5855 | -48.13 | 5.63 | - | -42.5 | Peak | 15.6 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5855 | -58.55 | 5.63 | 0.44 | -52.48 | Average | 15.6 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5875 | -51.31 | 5.63 | - | -45.68 | Peak | 10 | Pass |





| | | | | | | | | | | | |
|------|----------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | ac40MIMO | 5795 | Ant1 | 5875 | -58.27 | 5.63 | 0.44 | -52.2 | Average | 10 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5925 | -49.99 | 5.63 | - | -44.36 | Peak | -27 | Pass |
| NVNT | ac40MIMO | 5795 | Ant1 | 5925 | -57.64 | 5.63 | 0.44 | -51.57 | Average | -27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5650 | -48.27 | 5.63 | - | -42.64 | Peak | -27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5650 | -57.77 | 5.63 | 0.53 | -51.61 | Average | -27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5700 | -48.02 | 5.63 | - | -42.39 | Peak | 10 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5700 | -56.17 | 5.63 | 0.53 | -50.01 | Average | 10 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5720 | -39.96 | 5.63 | - | -34.33 | Peak | 15.6 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5720 | -52.89 | 5.63 | 0.53 | -46.73 | Average | 15.6 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5725 | -33.84 | 5.63 | - | -28.21 | Peak | 27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5725 | -50.84 | 5.63 | 0.53 | -44.68 | Average | 27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5850 | -48.38 | 5.63 | - | -42.75 | Peak | 27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5850 | -56.57 | 5.63 | 0.53 | -50.41 | Average | 27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5855 | -49.46 | 5.63 | - | -43.83 | Peak | 15.6 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5855 | -56.7 | 5.63 | 0.53 | -50.54 | Average | 15.6 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5875 | -50.39 | 5.63 | - | -44.76 | Peak | 10 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5875 | -57.71 | 5.63 | 0.53 | -51.55 | Average | 10 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5925 | -49.82 | 5.63 | - | -44.19 | Peak | -27 | Pass |
| NVNT | ac80MIMO | 5775 | Ant1 | 5925 | -57.94 | 5.63 | 0.53 | -51.78 | Average | -27 | Pass |

Note: 802.11a mode, only show the worst set of antenna1 data.

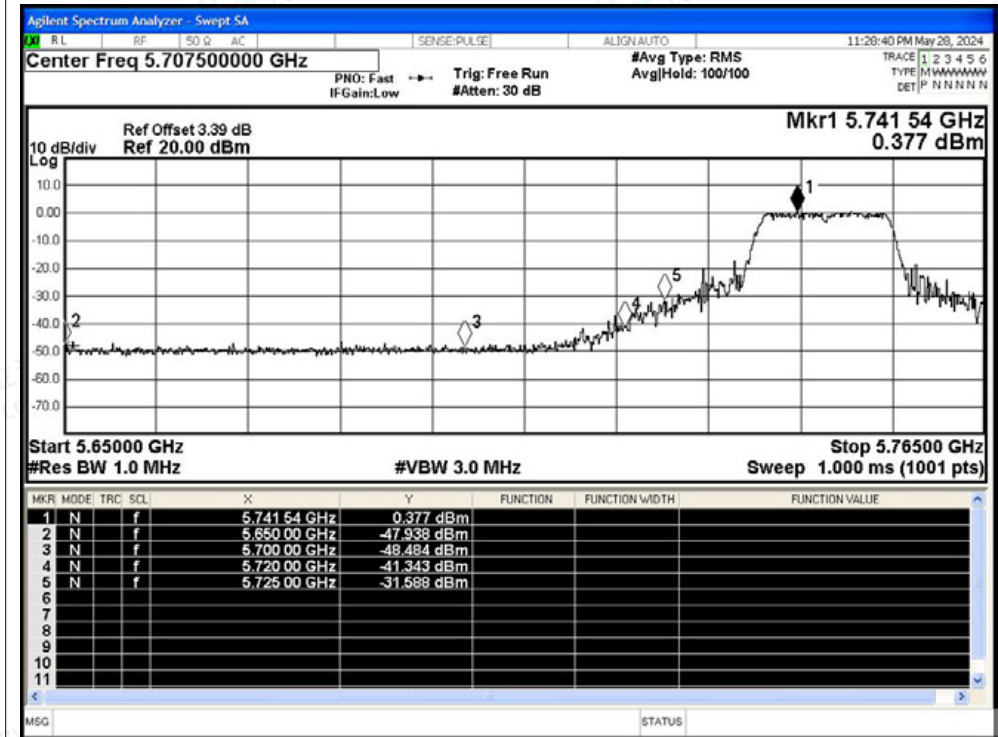


Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

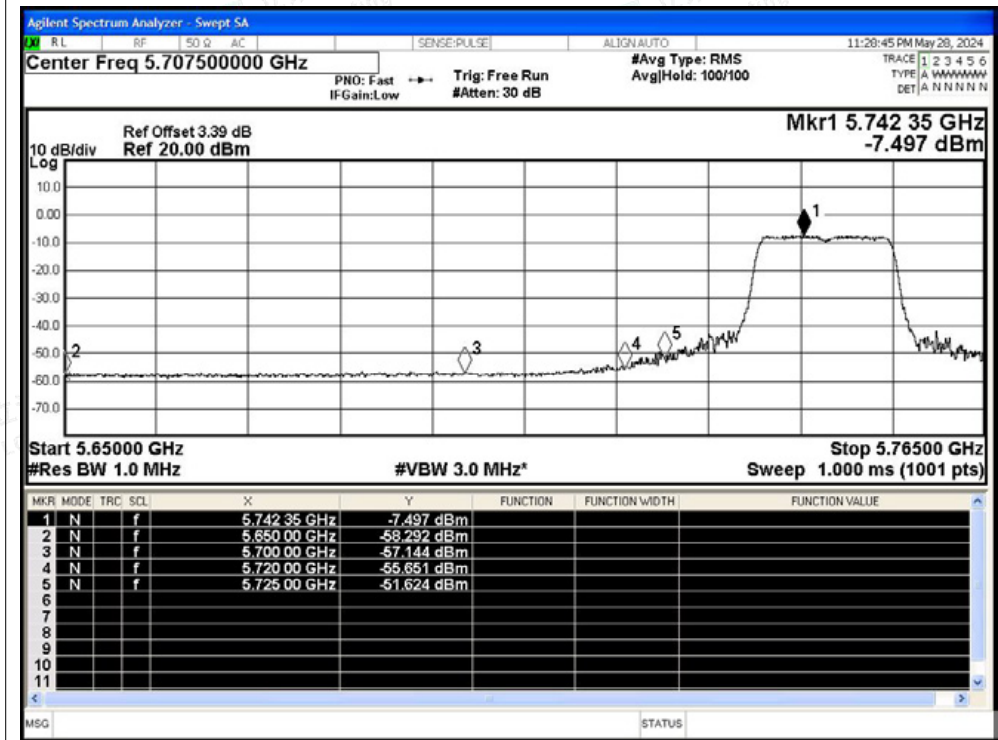


Test Graphs

Restrict Band NVNT a 5745MHz Ant1 Peak

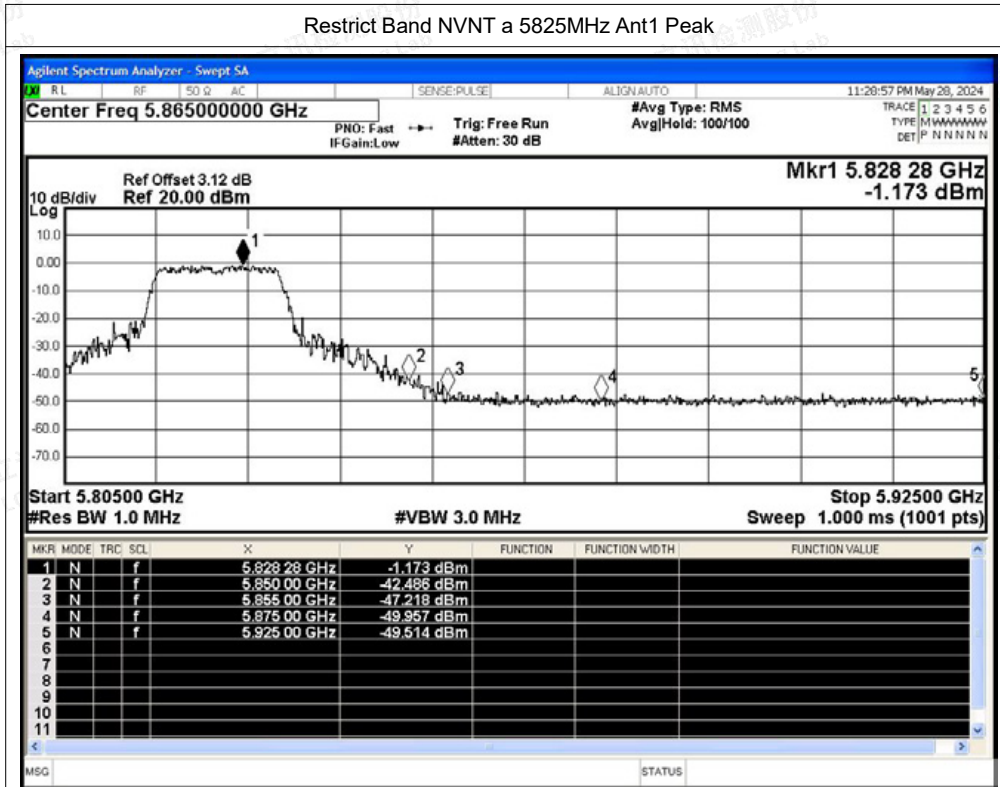


Restrict Band NVNT a 5745MHz Ant1 Average

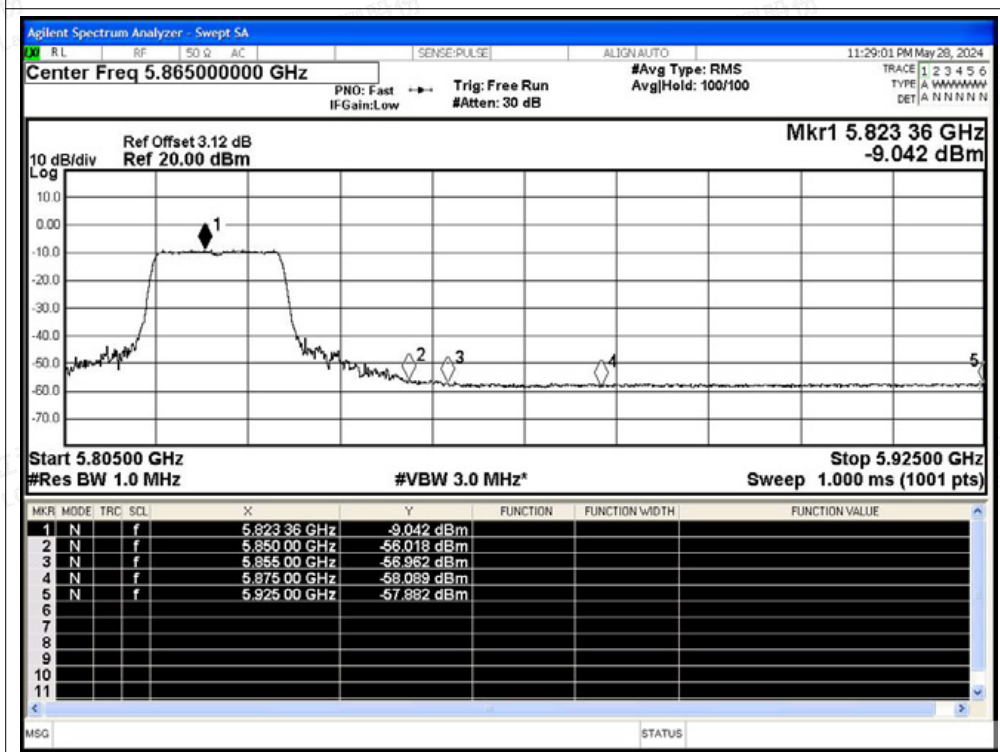




Restrict Band NVNT a 5825MHz Ant1 Peak

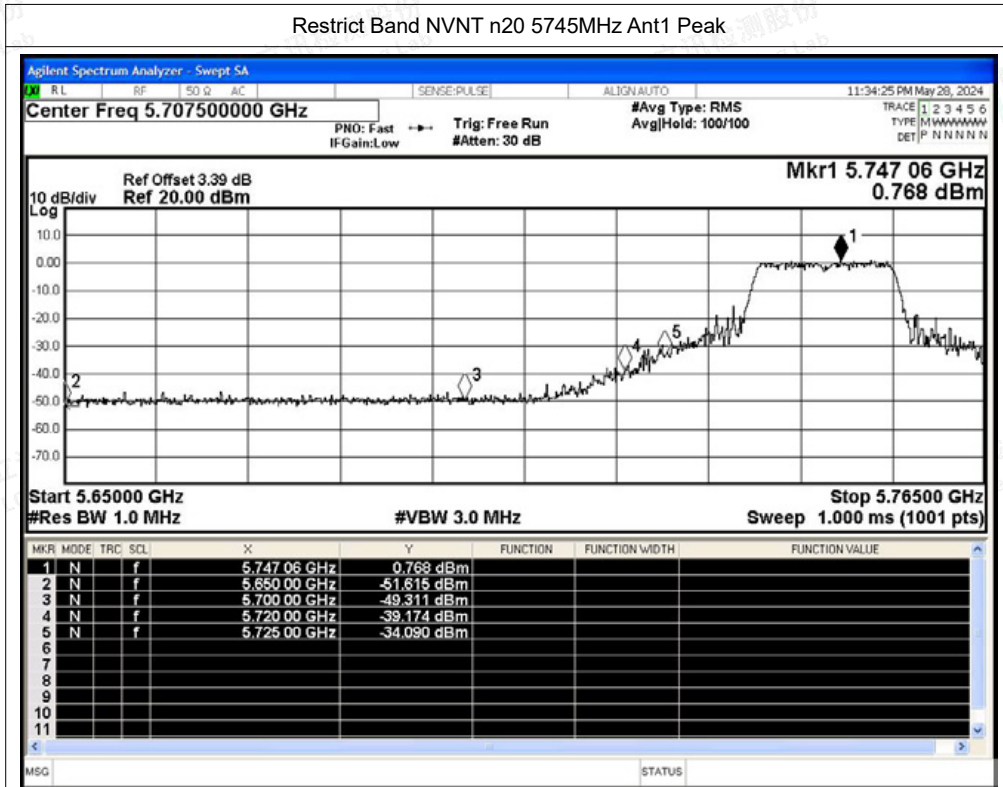


Restrict Band NVNT a 5825MHz Ant1 Average

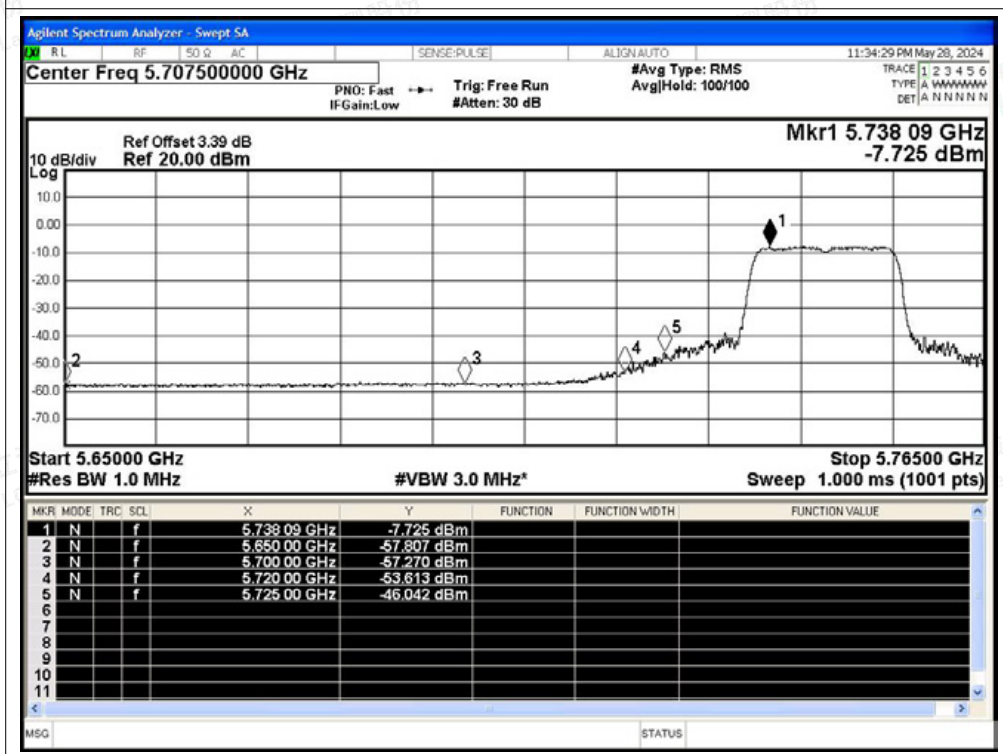




Restrict Band NVNT n20 5745MHz Ant1 Peak

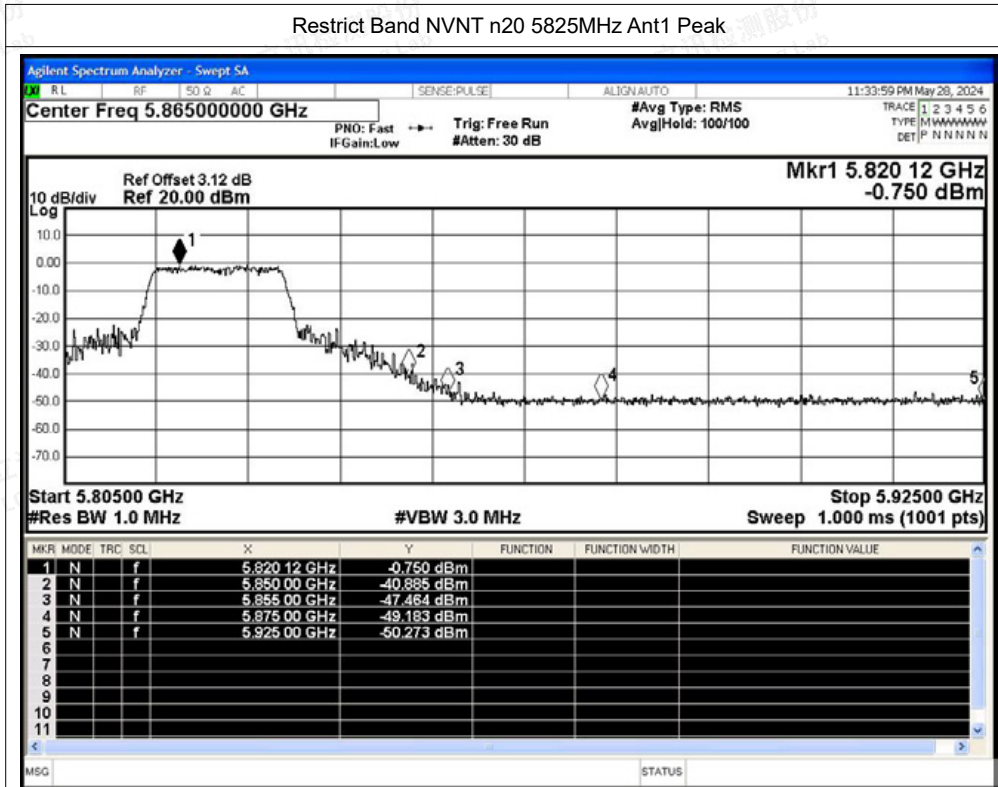


Restrict Band NVNT n20 5745MHz Ant1 Average

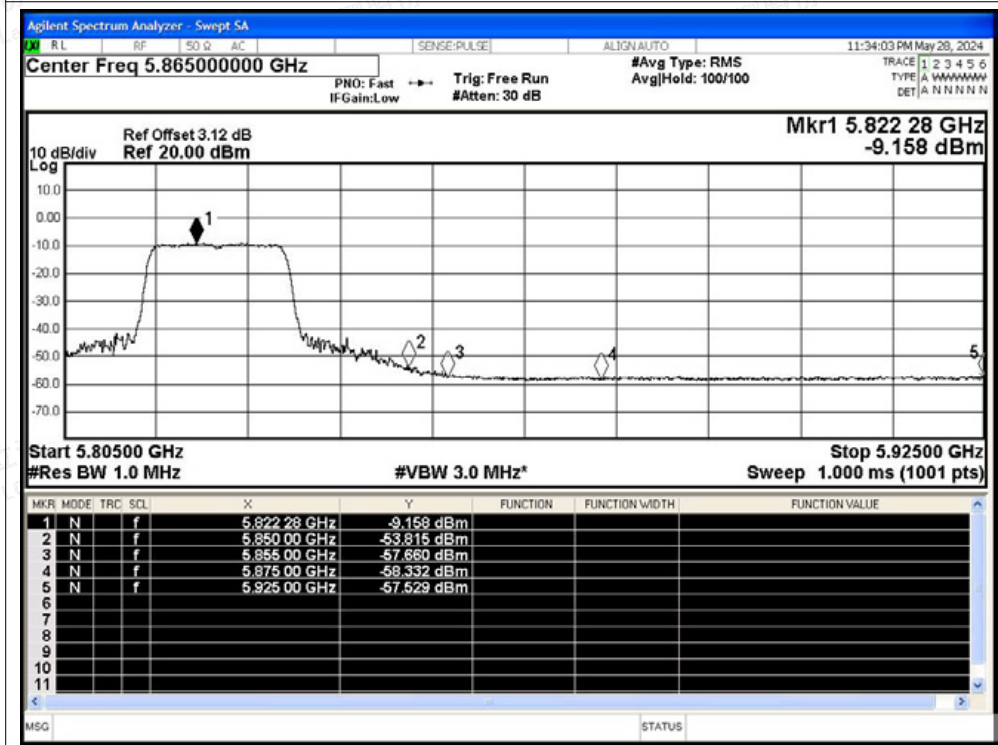




Restrict Band NVNT n20 5825MHz Ant1 Peak

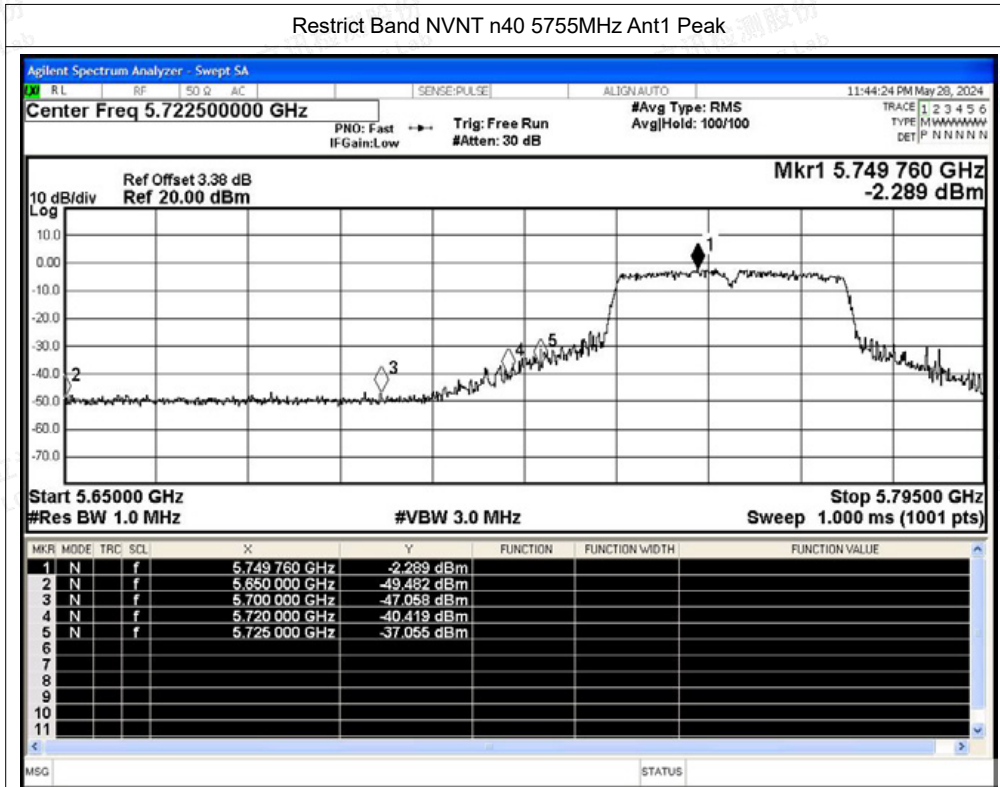


Restrict Band NVNT n20 5825MHz Ant1 Average

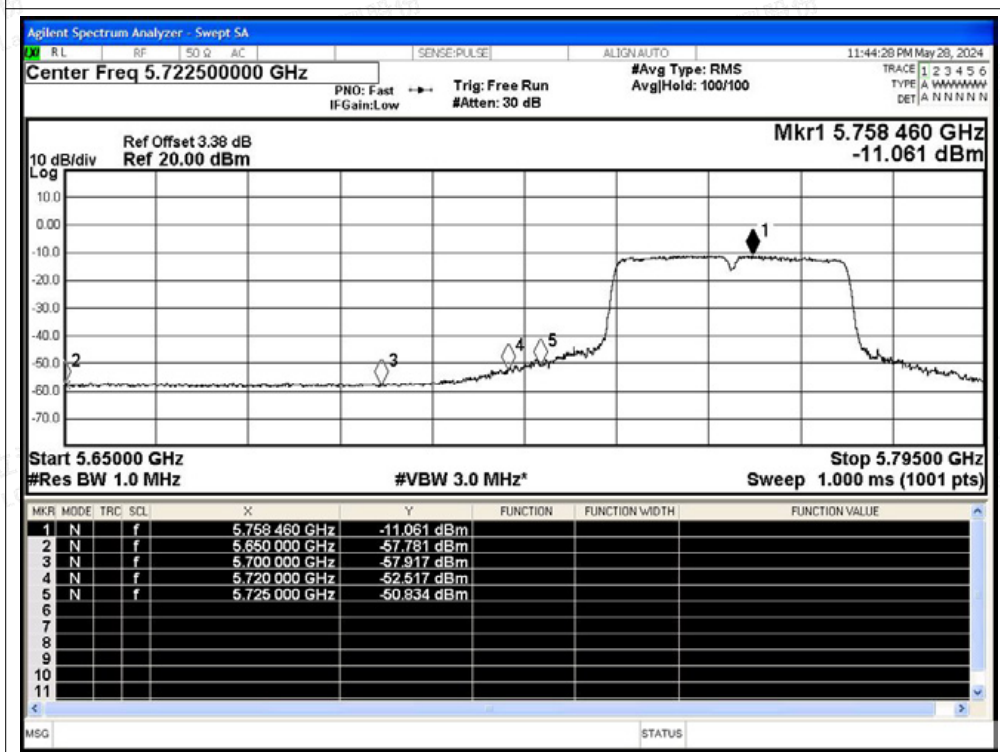




Restrict Band NVNT n40 5755MHz Ant1 Peak

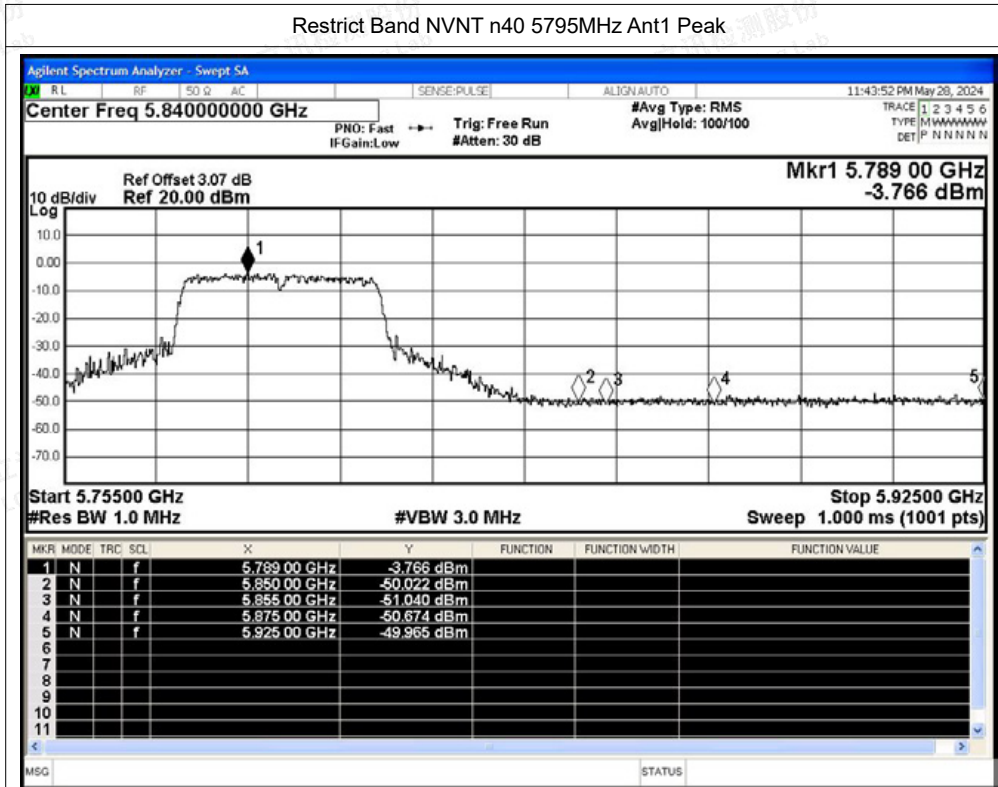


Restrict Band NVNT n40 5755MHz Ant1 Average





Restrict Band NVNT n40 5795MHz Ant1 Peak



Restrict Band NVNT n40 5795MHz Ant1 Average

