

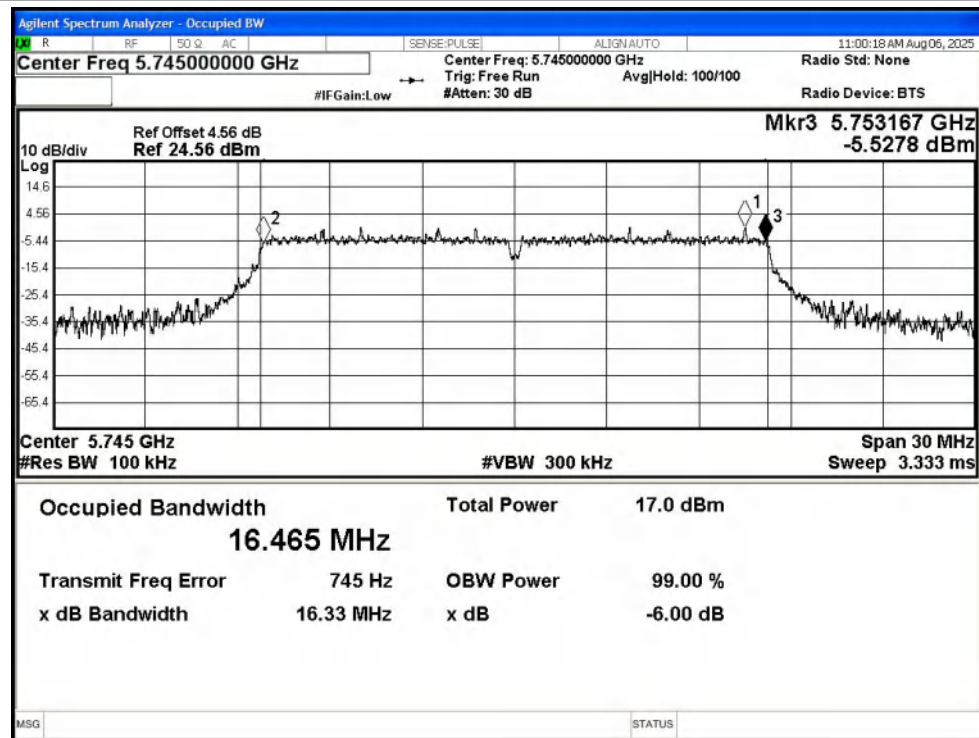
## **Appendix RF test data for WIFI5.8G**

## G.1 -6dB Bandwidth

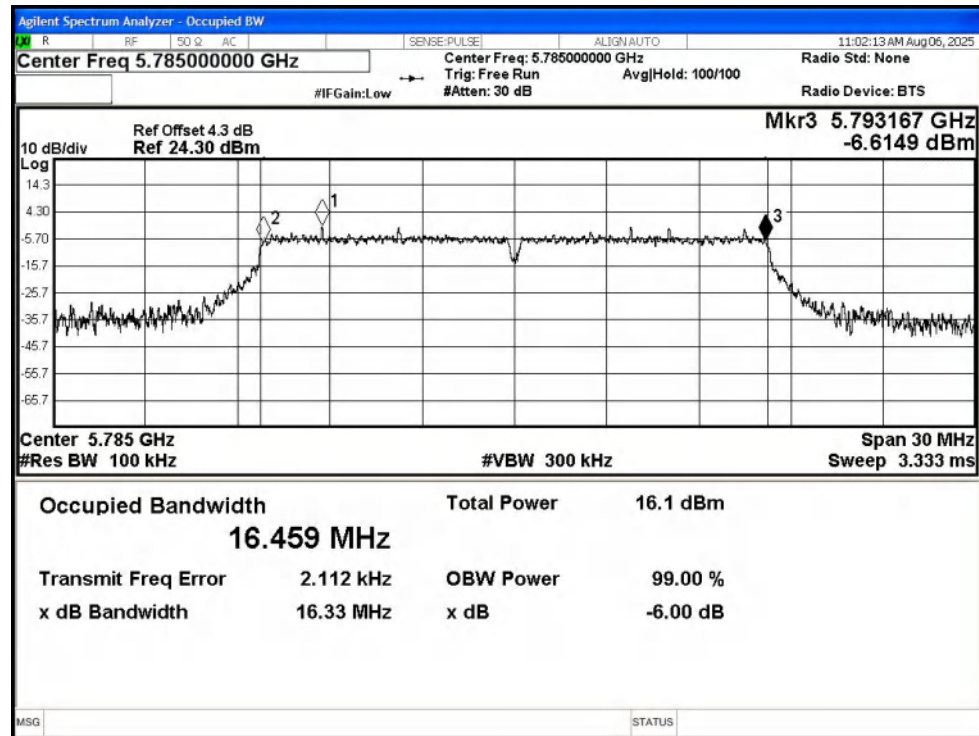
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.333                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.33                 | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.375                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.394                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.398                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.39                 | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.283                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 36.272                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.292                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.432                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.26                 | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.166                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 36.116                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.755                | $\geq 0.5$                  | Pass    |

## Test Graphs

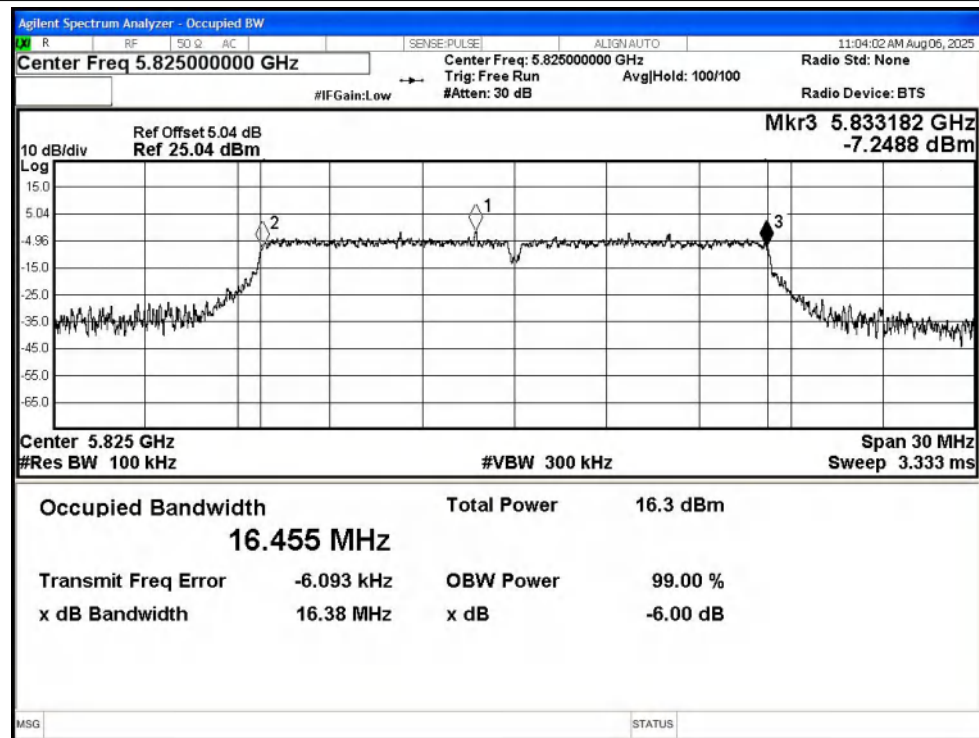
## -6dB Bandwidth NVNT a 5745MHz Ant1



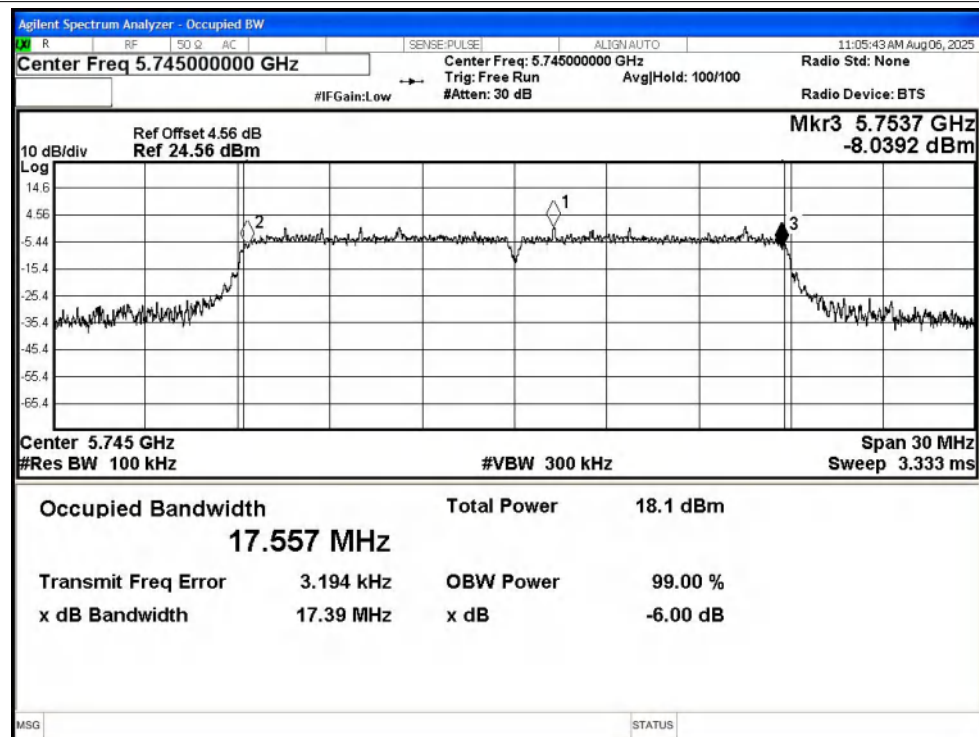
## -6dB Bandwidth NVNT a 5785MHz Ant1



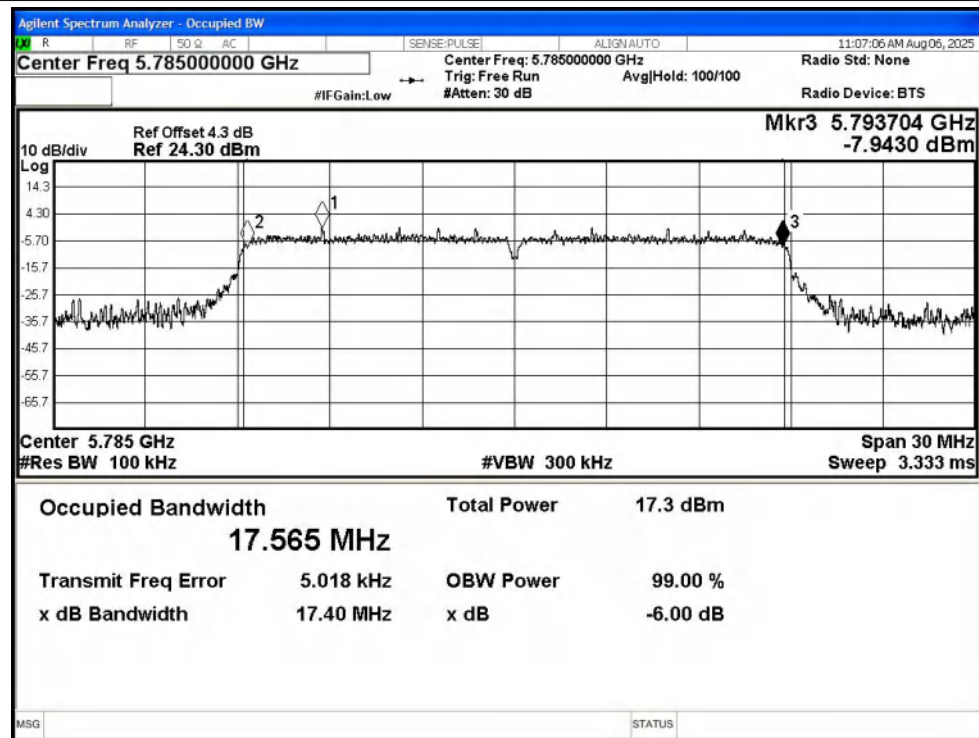
## -6dB Bandwidth NVNT a 5825MHz Ant1



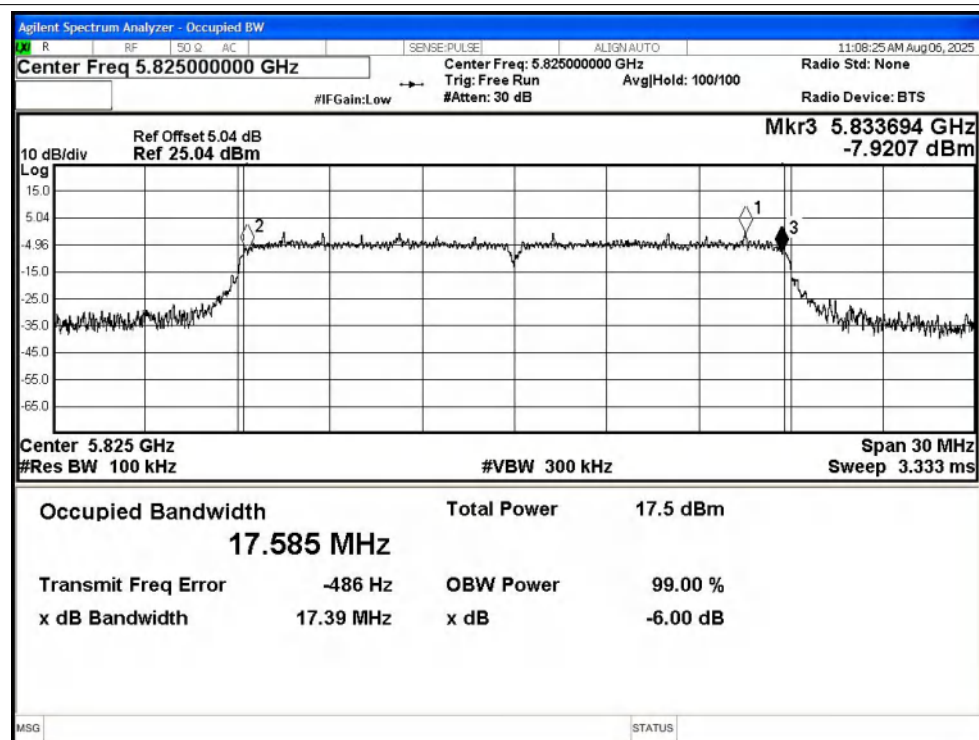
## -6dB Bandwidth NVNT n20 5745MHz Ant1



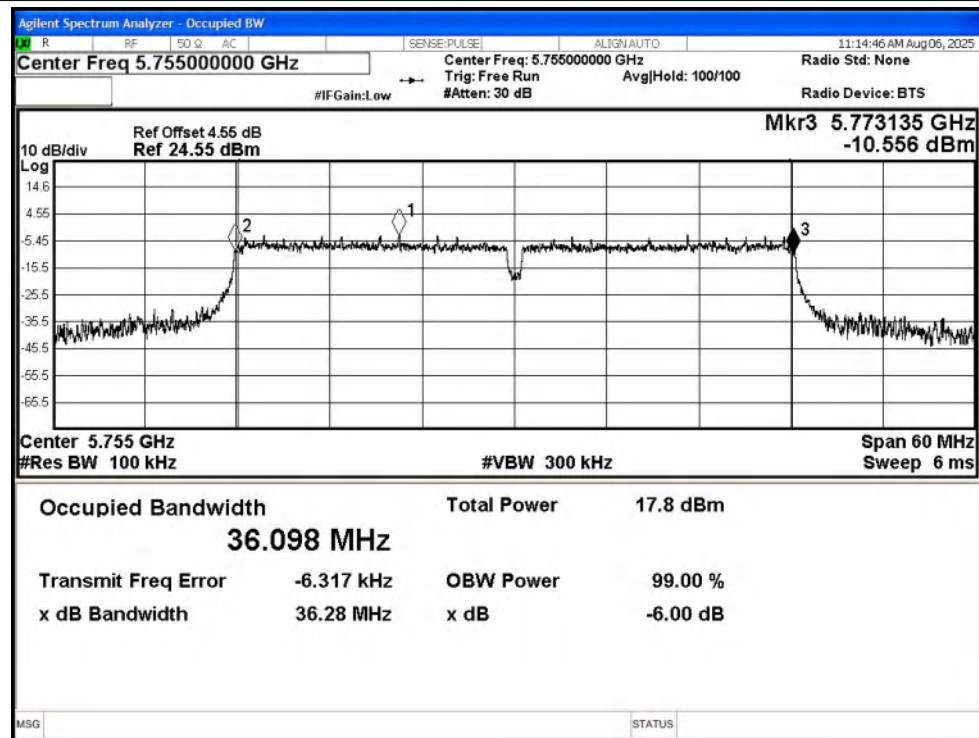
## -6dB Bandwidth NVNT n20 5785MHz Ant1



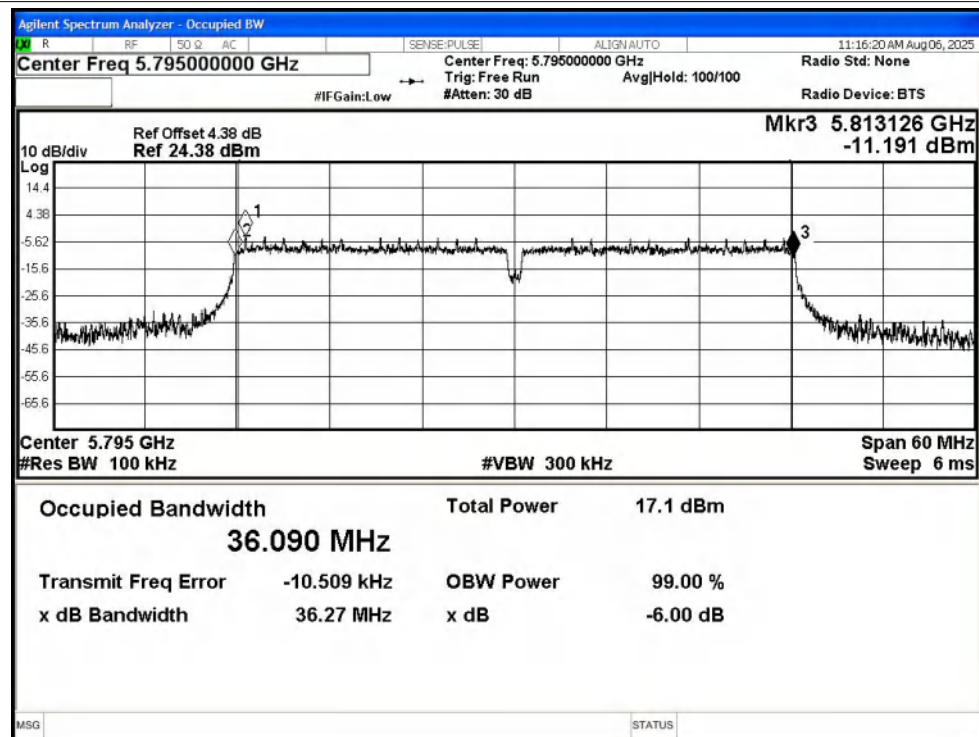
## -6dB Bandwidth NVNT n20 5825MHz Ant1



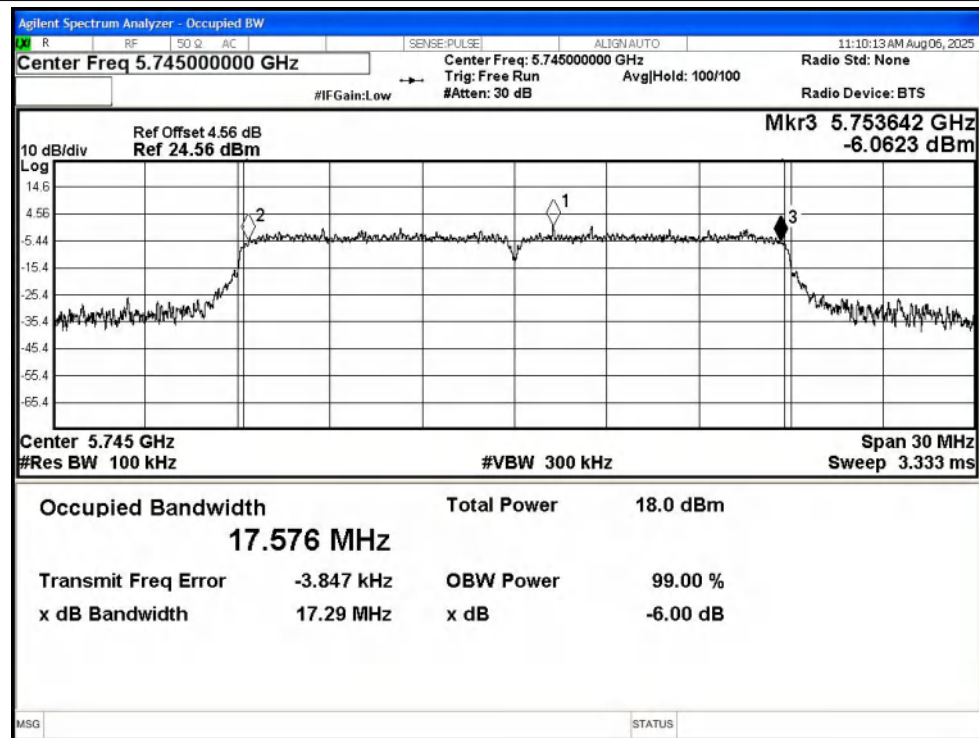
## -6dB Bandwidth NVNT n40 5755MHz Ant1



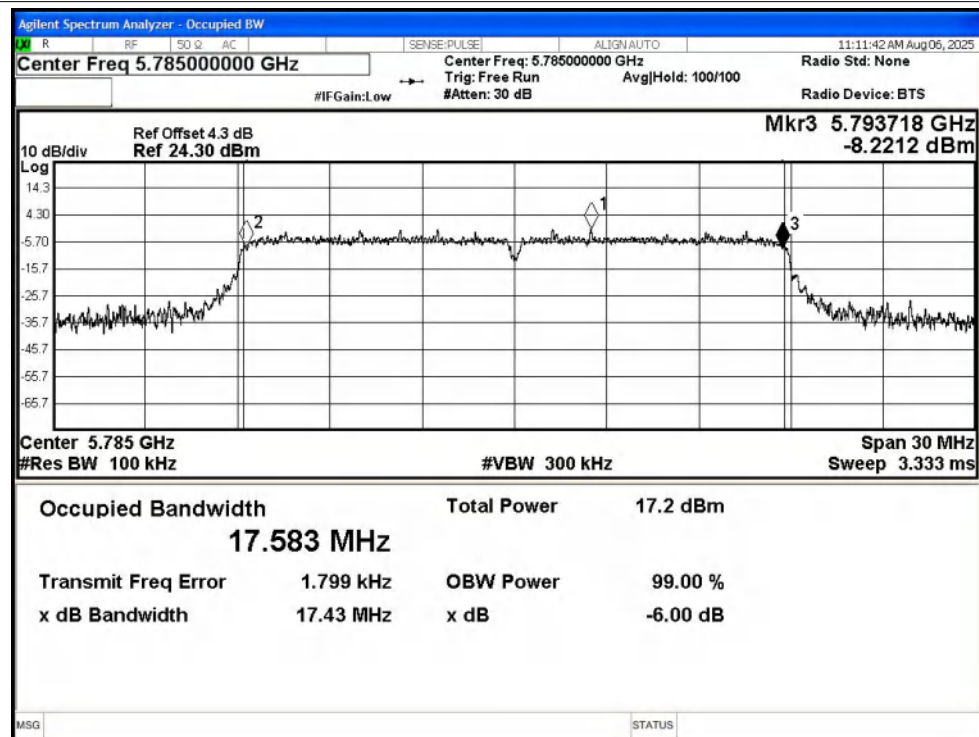
## -6dB Bandwidth NVNT n40 5795MHz Ant1



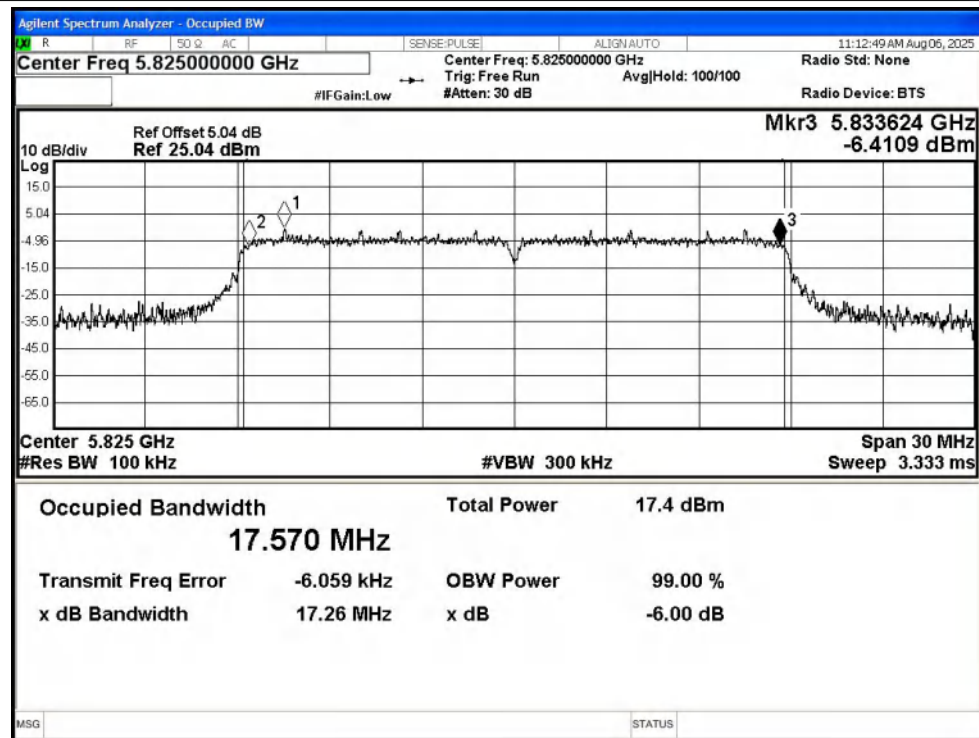
## -6dB Bandwidth NVNT ac20 5745MHz Ant1



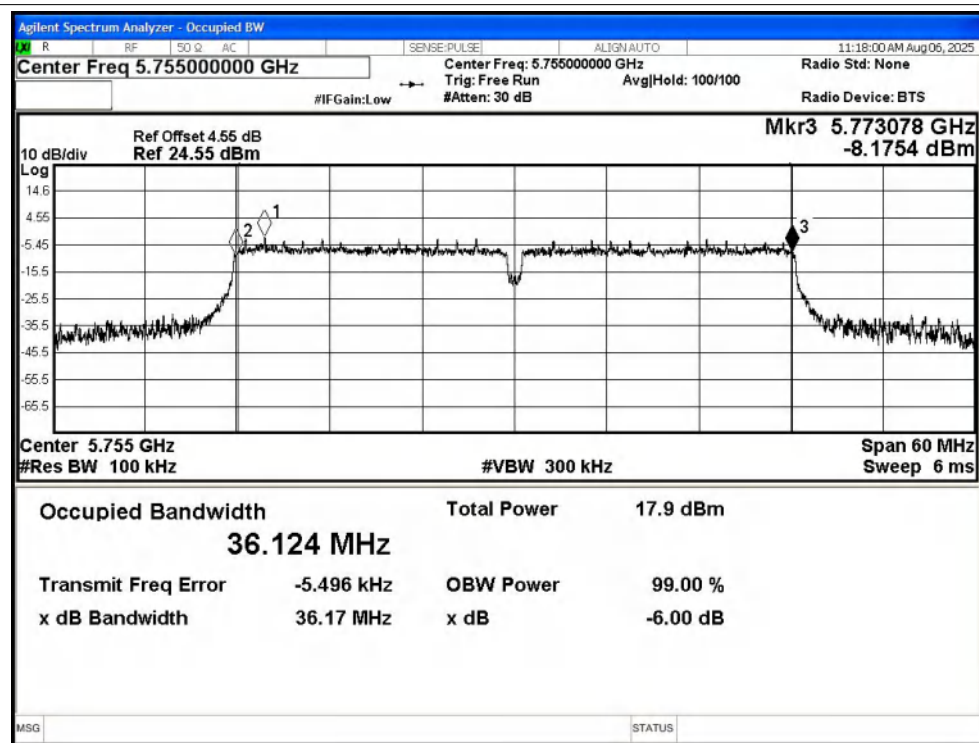
## -6dB Bandwidth NVNT ac20 5785MHz Ant1



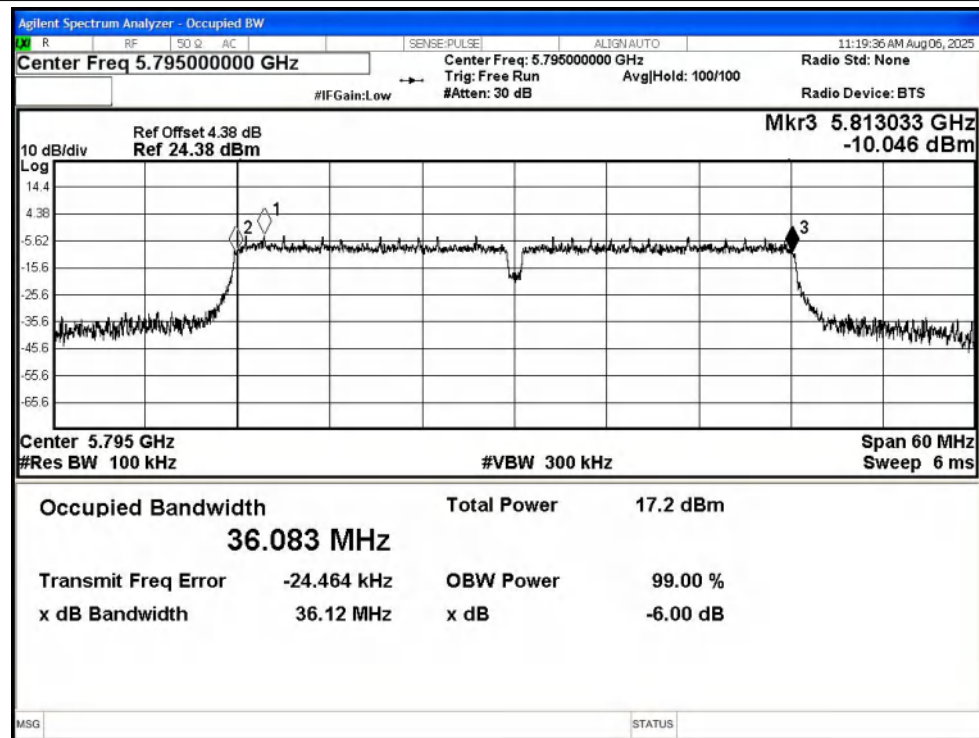
## -6dB Bandwidth NVNT ac20 5825MHz Ant1



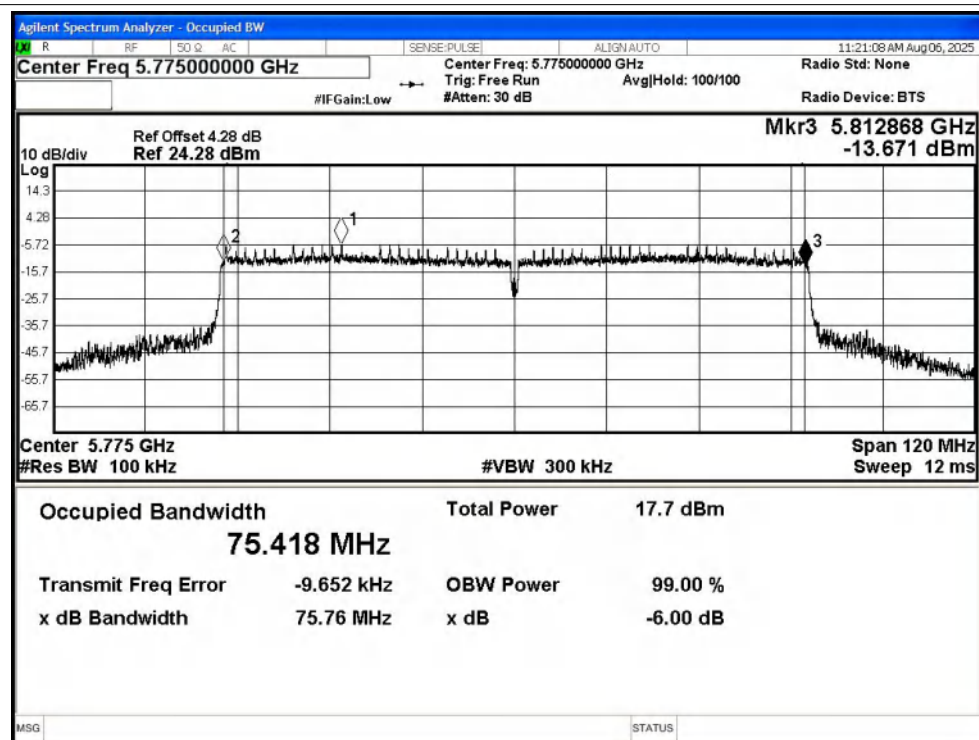
## -6dB Bandwidth NVNT ac40 5755MHz Ant1



## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz Ant1

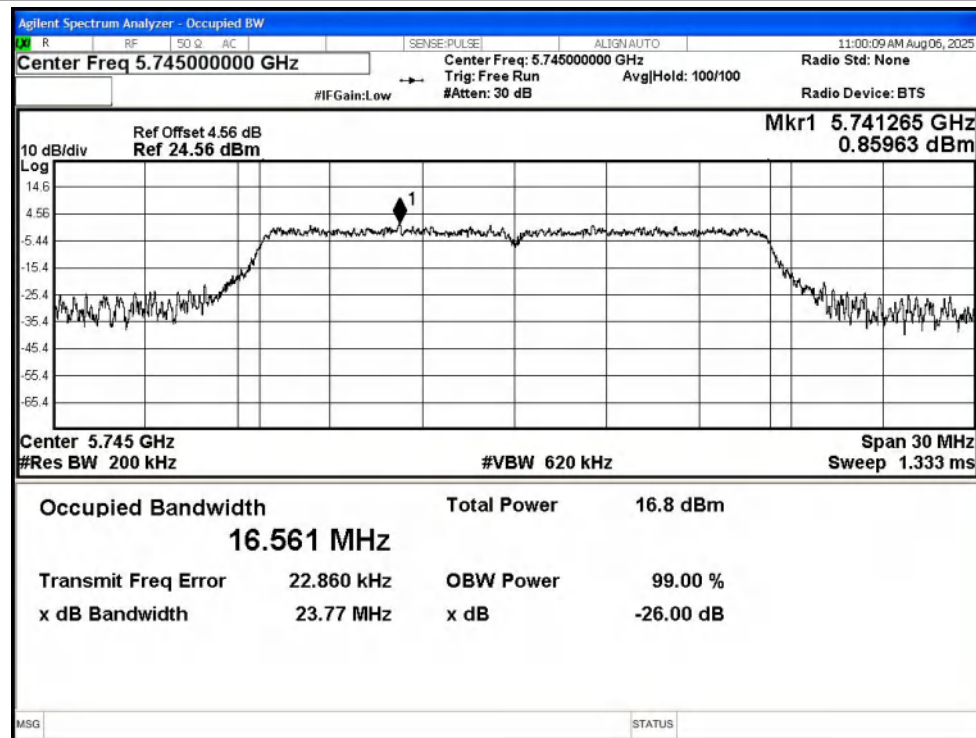


## Occupied Channel Bandwidth

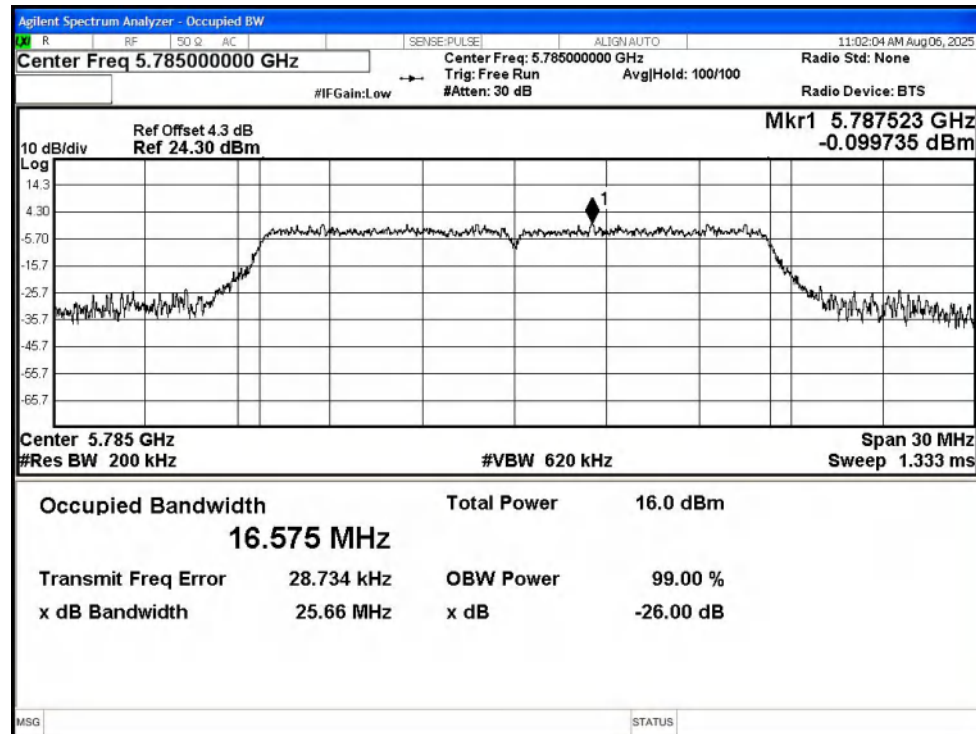
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.561        |
| NVNT      | a    | 5785            | Ant1    | 16.575        |
| NVNT      | a    | 5825            | Ant1    | 16.548        |
| NVNT      | n20  | 5745            | Ant1    | 17.629        |
| NVNT      | n20  | 5785            | Ant1    | 17.595        |
| NVNT      | n20  | 5825            | Ant1    | 17.659        |
| NVNT      | n40  | 5755            | Ant1    | 36.307        |
| NVNT      | n40  | 5795            | Ant1    | 36.279        |
| NVNT      | ac20 | 5745            | Ant1    | 17.631        |
| NVNT      | ac20 | 5785            | Ant1    | 17.638        |
| NVNT      | ac20 | 5825            | Ant1    | 17.634        |
| NVNT      | ac40 | 5755            | Ant1    | 36.249        |
| NVNT      | ac40 | 5795            | Ant1    | 36.259        |
| NVNT      | ac80 | 5775            | Ant1    | 75.582        |

## Test Graphs

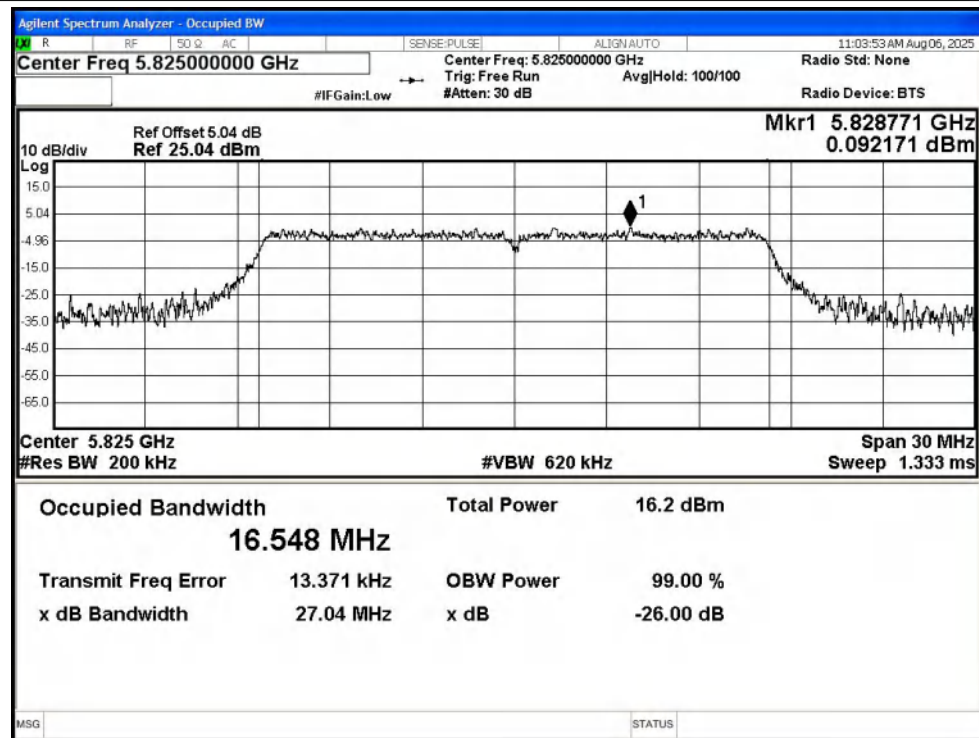
## OBW NVNT a 5745MHz Ant1



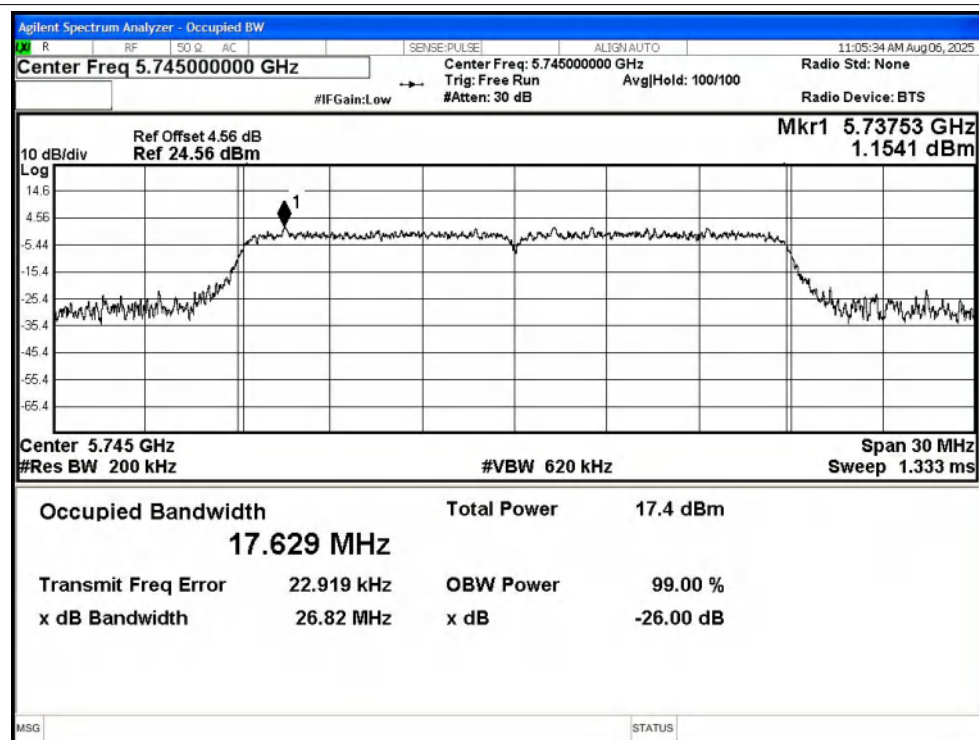
## OBW NVNT a 5785MHz Ant1

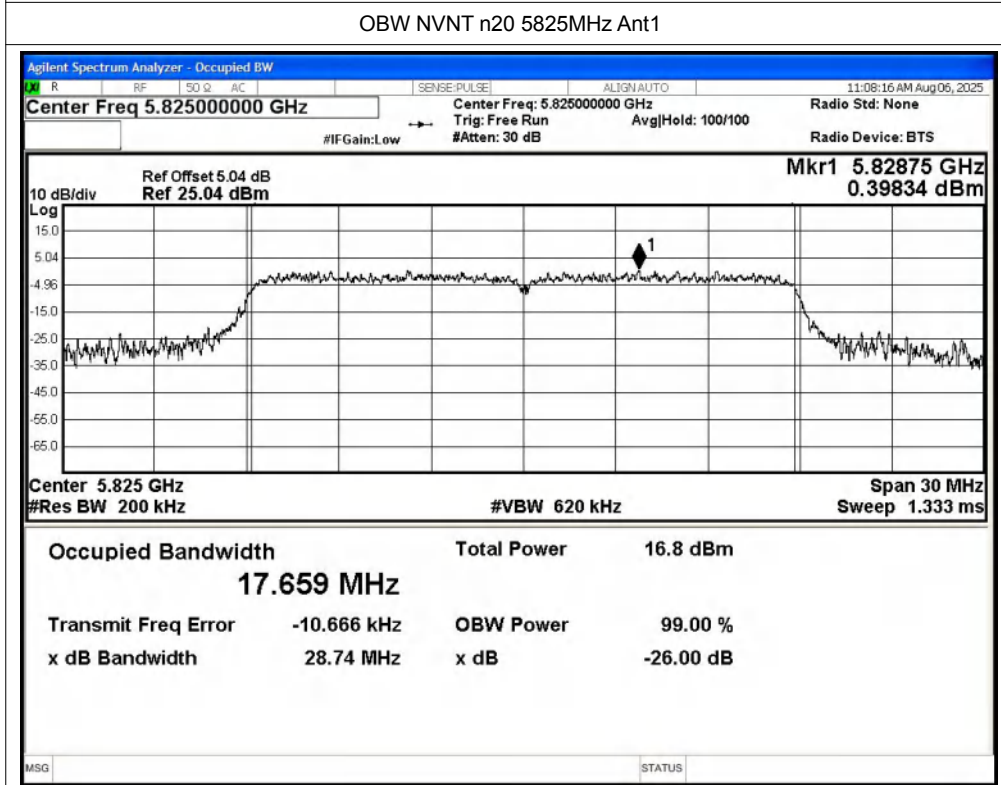
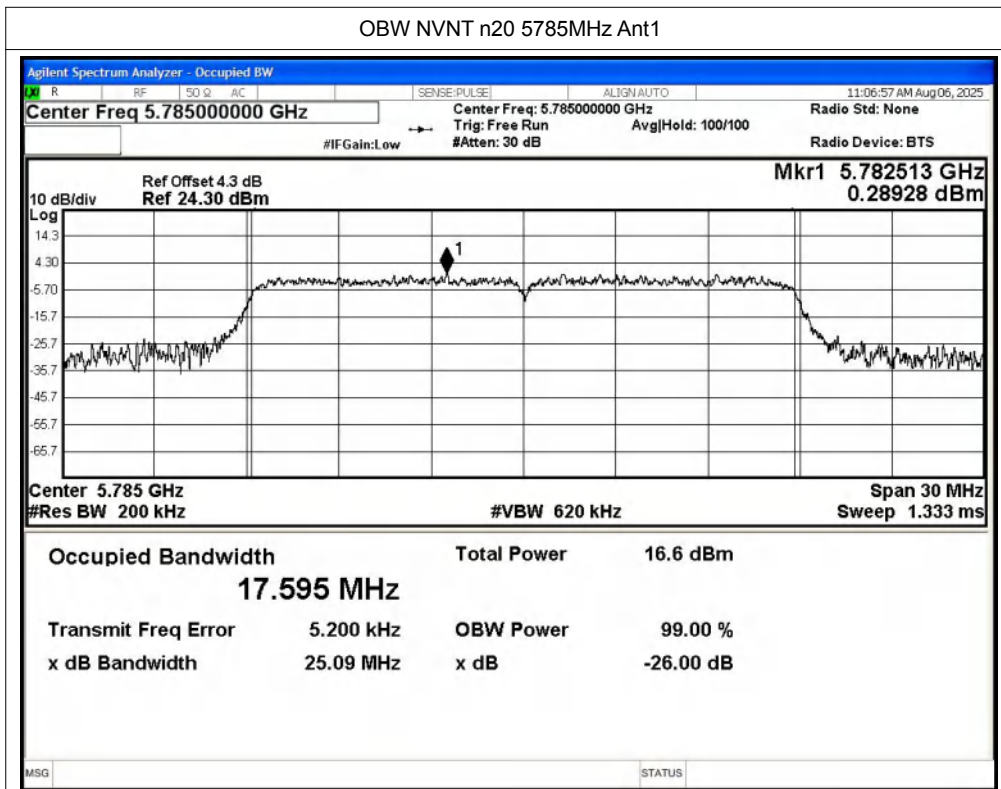


## OBW NVNT a 5825MHz Ant1

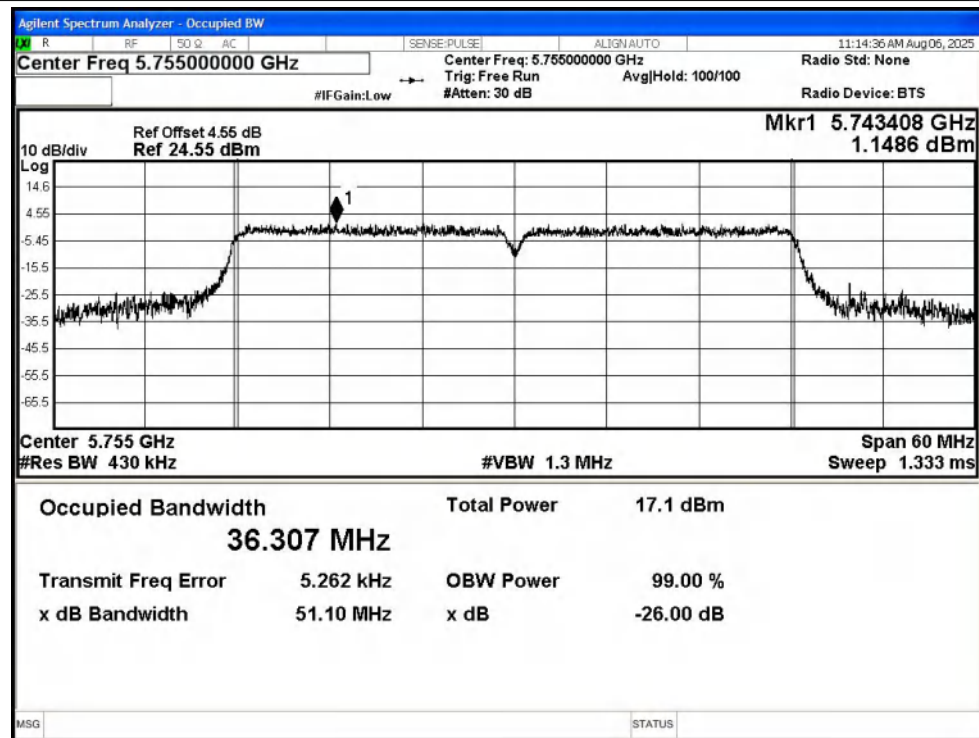


## OBW NVNT n20 5745MHz Ant1

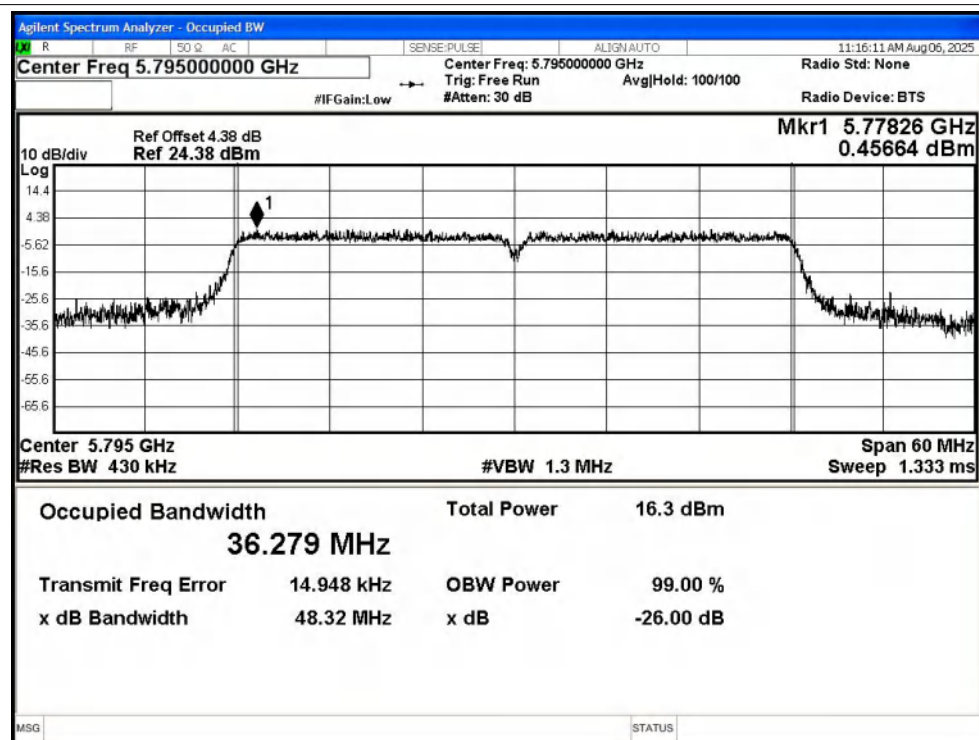




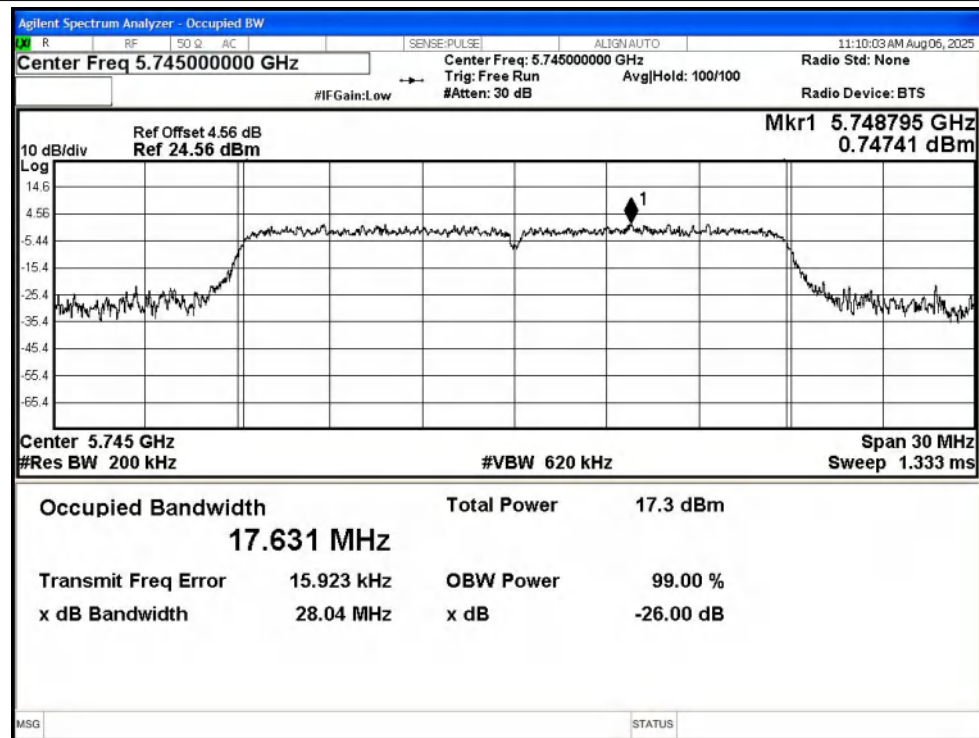
OBW NVNT n40 5755MHz Ant1



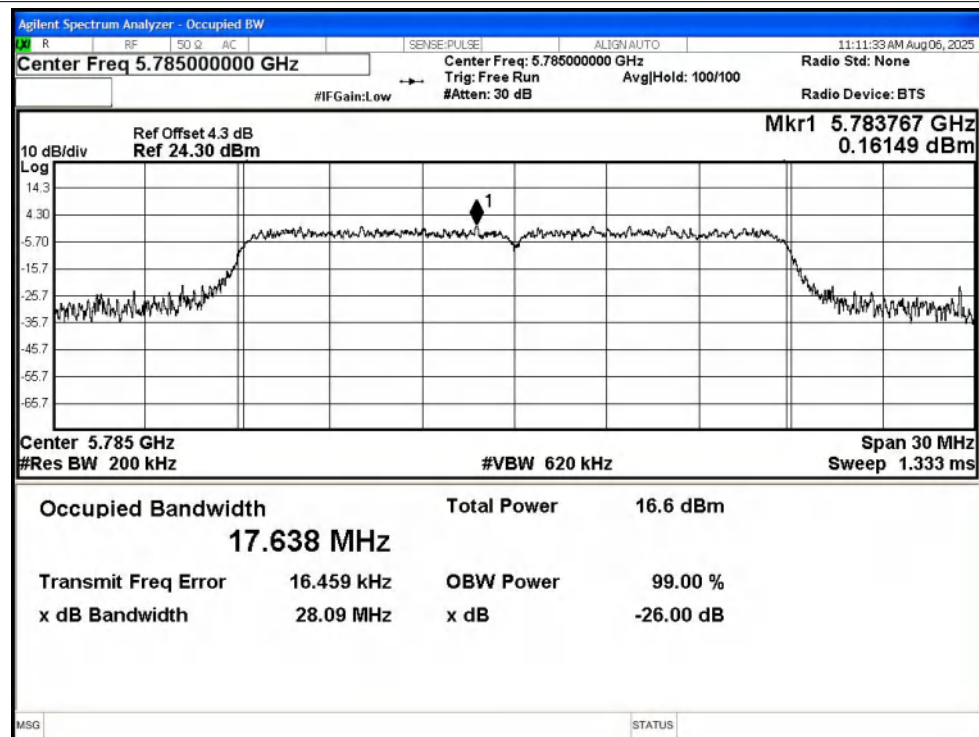
OBW NVNT n40 5795MHz Ant1



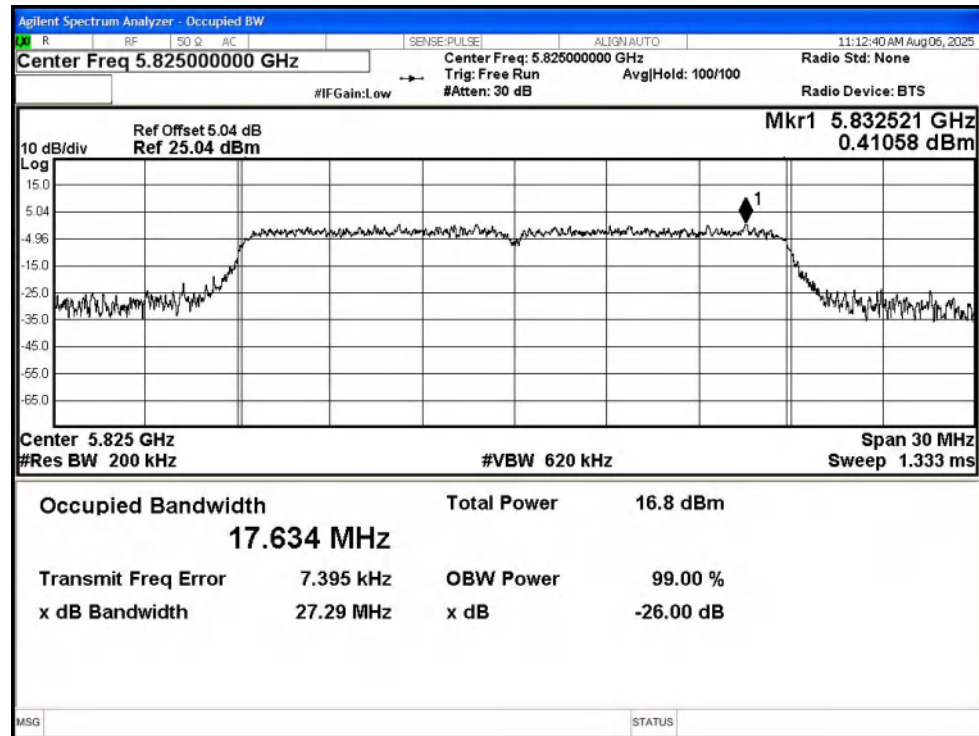
## OBW NVNT ac20 5745MHz Ant1



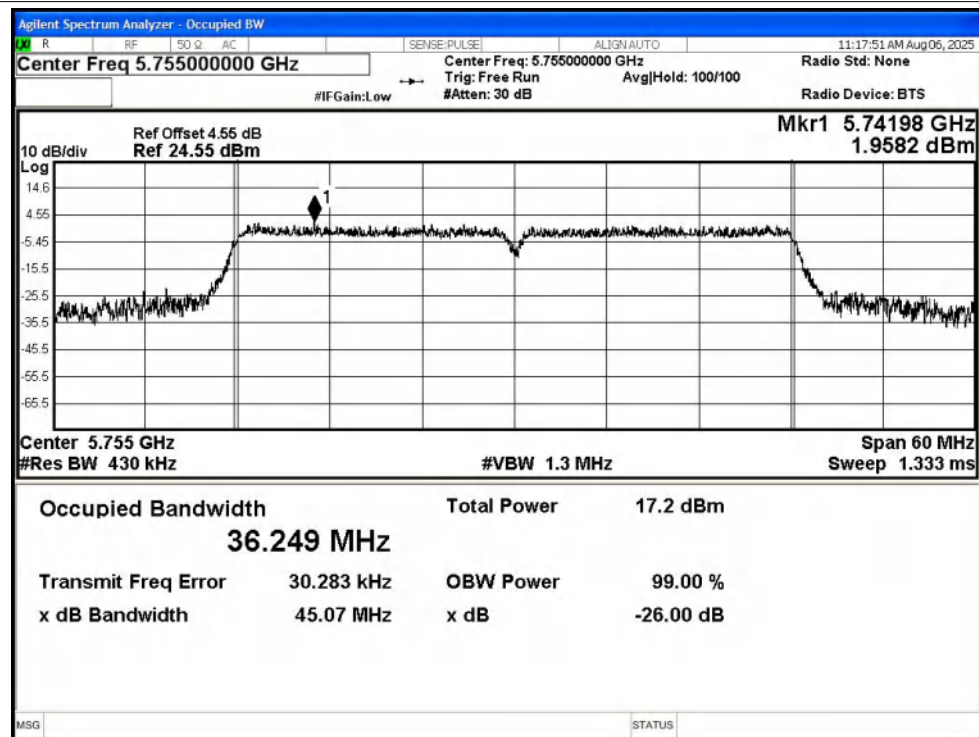
## OBW NVNT ac20 5785MHz Ant1



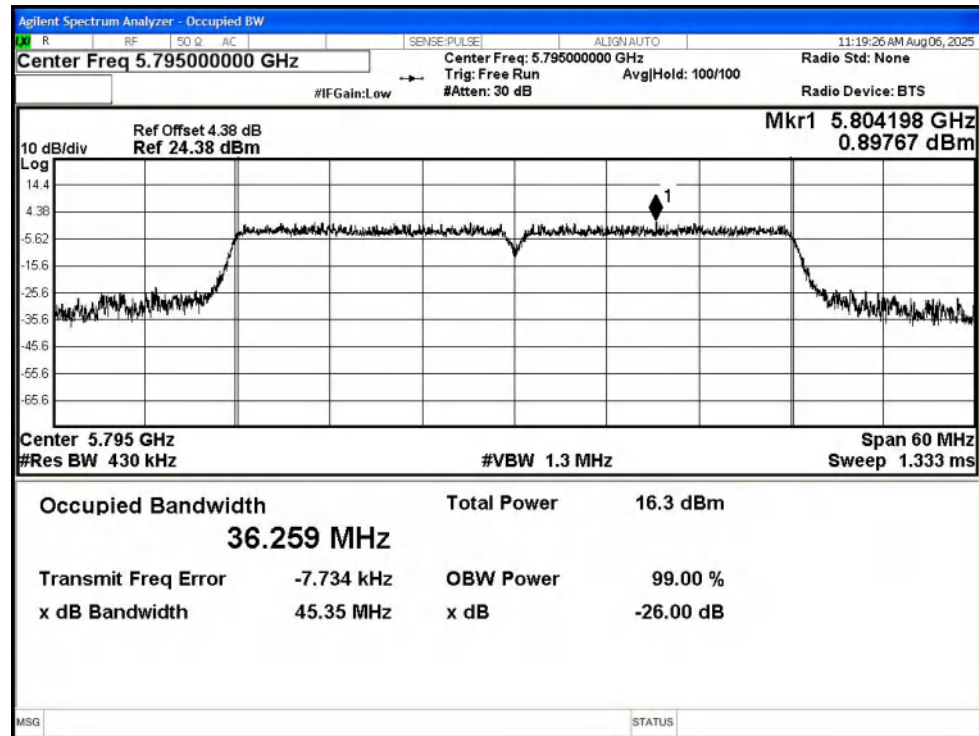
## OBW NVNT ac20 5825MHz Ant1



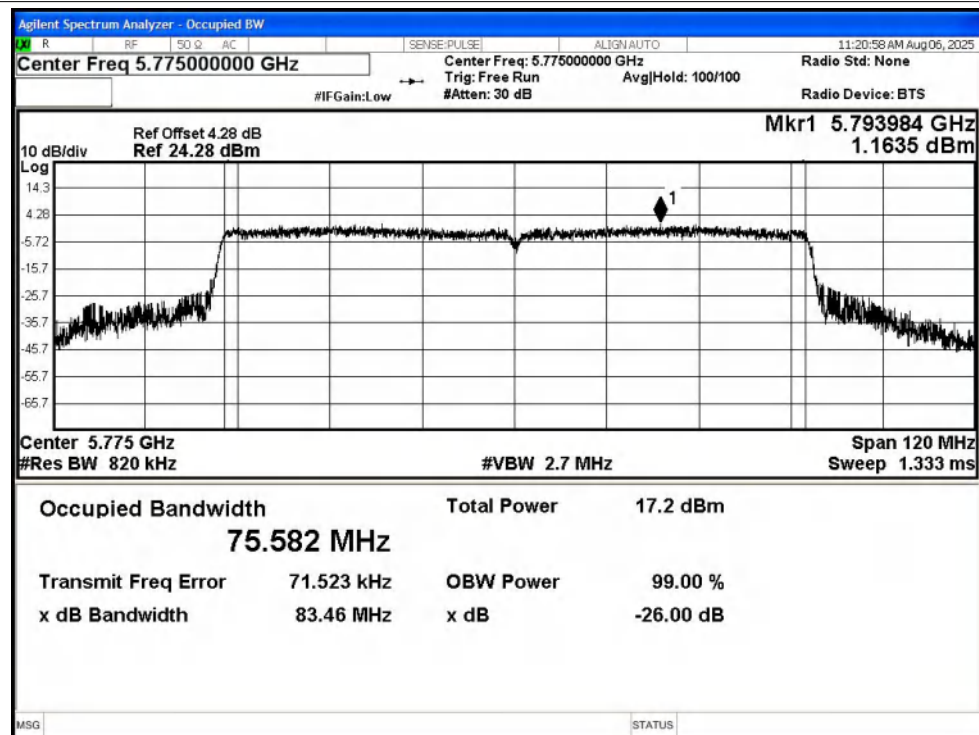
## OBW NVNT ac40 5755MHz Ant1



## OBW NVNT ac40 5795MHz Ant1



## OBW NVNT ac80 5775MHz Ant1



## G.2 Maximum Conducted Output Power

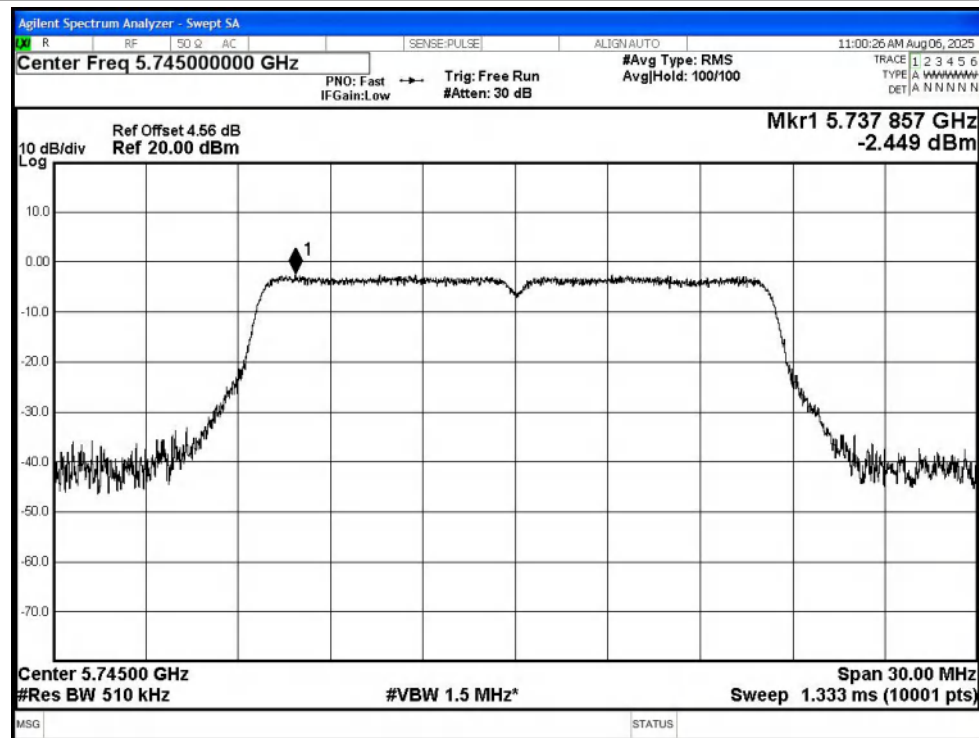
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 11.14                 | 0.19             | 11.33             | 28.27       | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.26                 | 0.19             | 10.45             | 28.27       | Pass    |
| NVNT      | a    | 5825            | Ant1    | 10.46                 | 0.19             | 10.65             | 28.27       | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.42                 | 0.22             | 11.64             | 28.27       | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 10.85                 | 0.22             | 11.07             | 28.27       | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.16                 | 0.23             | 11.39             | 28.27       | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 11.04                 | 0.43             | 11.47             | 28.27       | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 10.25                 | 0.44             | 10.69             | 28.27       | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 11.62                 | 0.22             | 11.84             | 28.27       | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.94                 | 0.22             | 11.16             | 28.27       | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 11.01                 | 0.22             | 11.23             | 28.27       | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 11.06                 | 0.43             | 11.49             | 28.27       | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.21                 | 0.43             | 10.64             | 28.27       | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 10.07                 | 0.83             | 10.9              | 28.27       | Pass    |

### G.3 Maximum Power Spectral Density Level

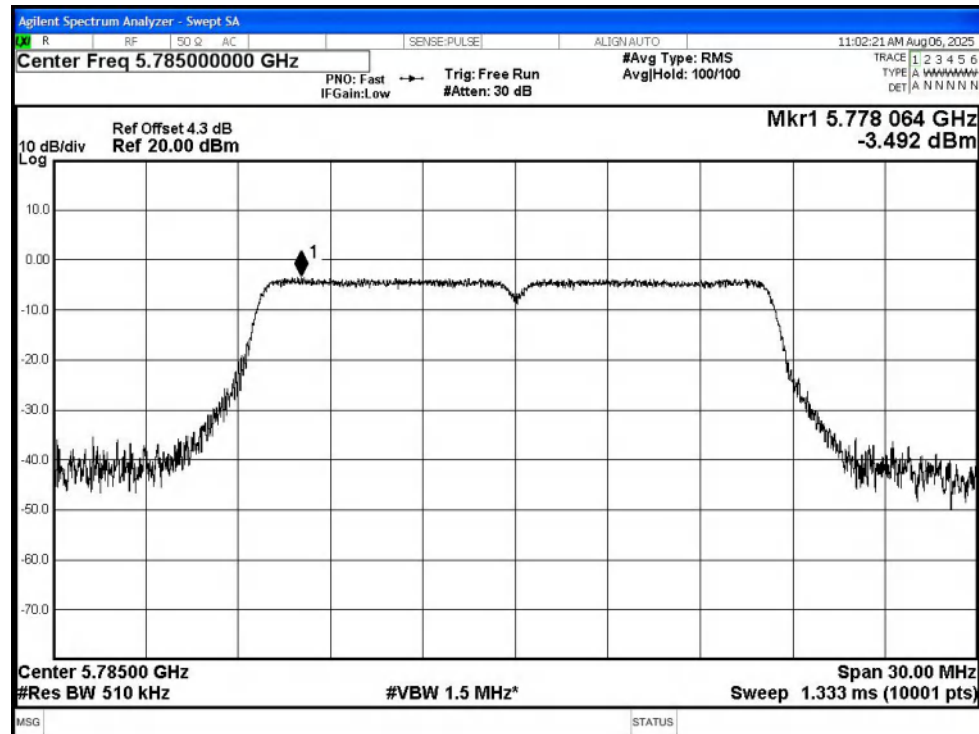
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -2.45                      | 0.19             | -2.26                  | 28.27              | Pass    |
| NVNT      | a    | 5785            | Ant1    | -3.49                      | 0.19             | -3.3                   | 28.27              | Pass    |
| NVNT      | a    | 5825            | Ant1    | -2.95                      | 0.19             | -2.76                  | 28.27              | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.21                      | 0.22             | -1.99                  | 28.27              | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.85                      | 0.22             | -2.63                  | 28.27              | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.61                      | 0.23             | -2.38                  | 28.27              | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -5.74                      | 0.43             | -5.31                  | 28.27              | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -6.67                      | 0.44             | -6.23                  | 28.27              | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -2.39                      | 0.22             | -2.17                  | 28.27              | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -3.06                      | 0.22             | -2.84                  | 28.27              | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -2.54                      | 0.22             | -2.32                  | 28.27              | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -5.47                      | 0.43             | -5.04                  | 28.27              | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -6.56                      | 0.43             | -6.13                  | 28.27              | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -9.51                      | 0.83             | -8.68                  | 28.27              | Pass    |

## Test Graphs

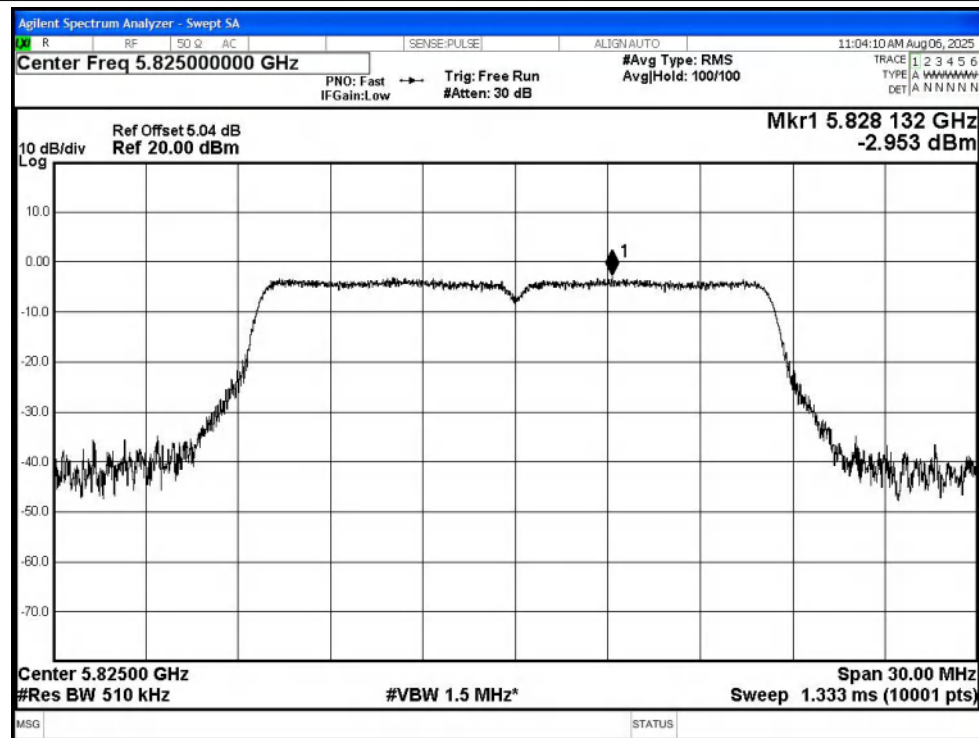
## PSD NVNT a 5745MHz Ant1



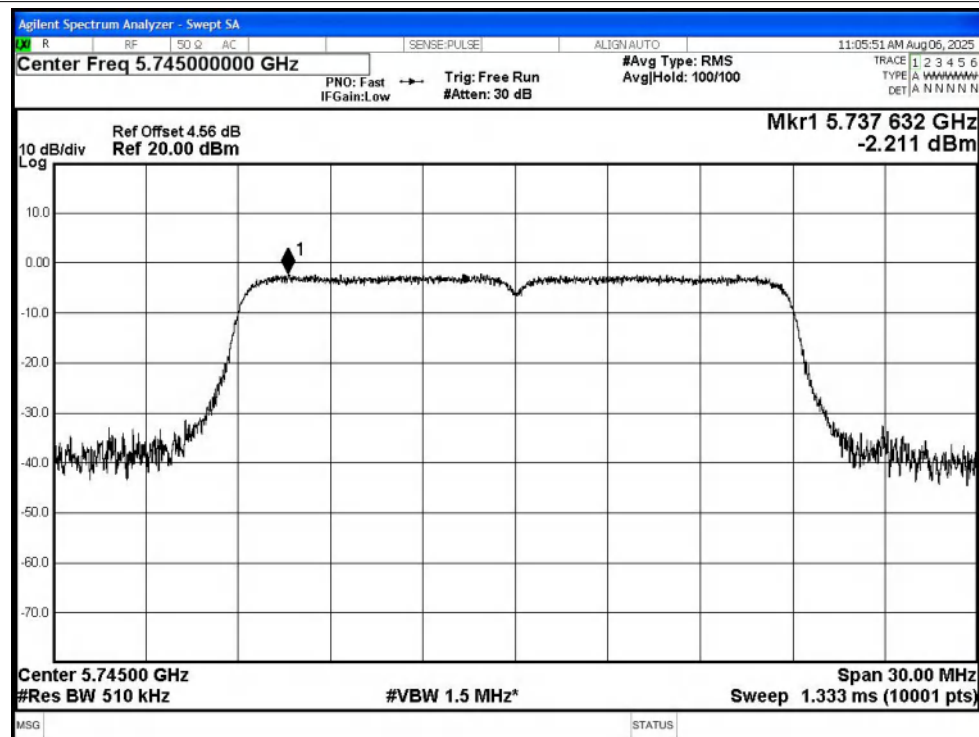
## PSD NVNT a 5785MHz Ant1

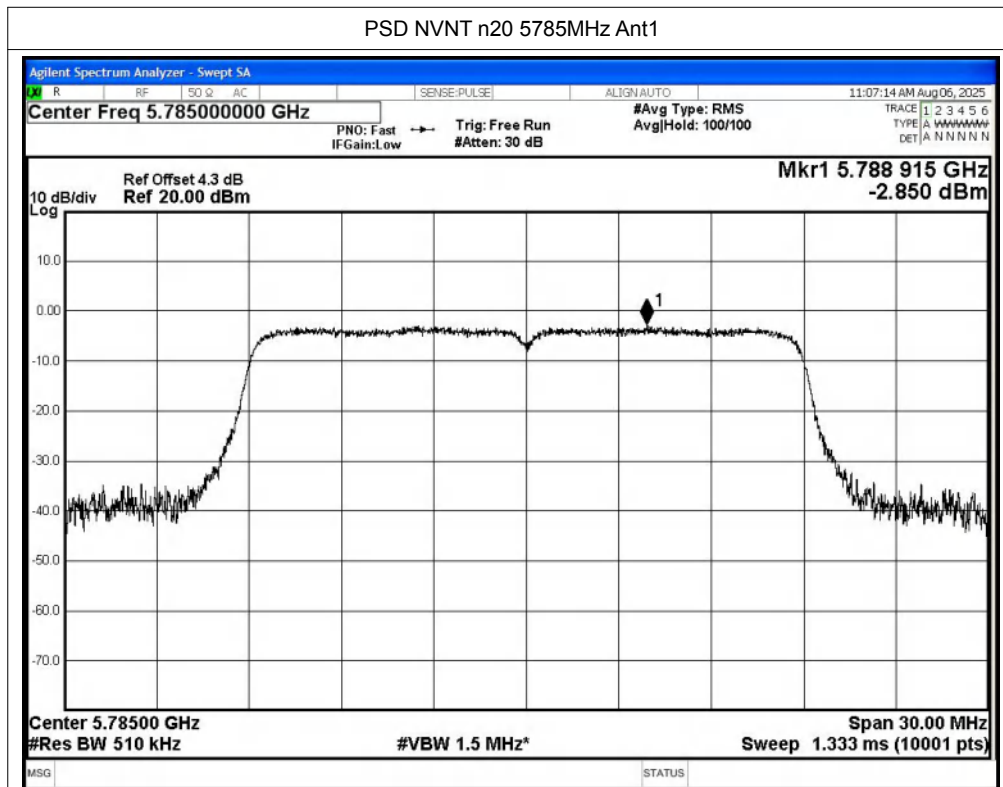


PSD NVNT a 5825MHz Ant1

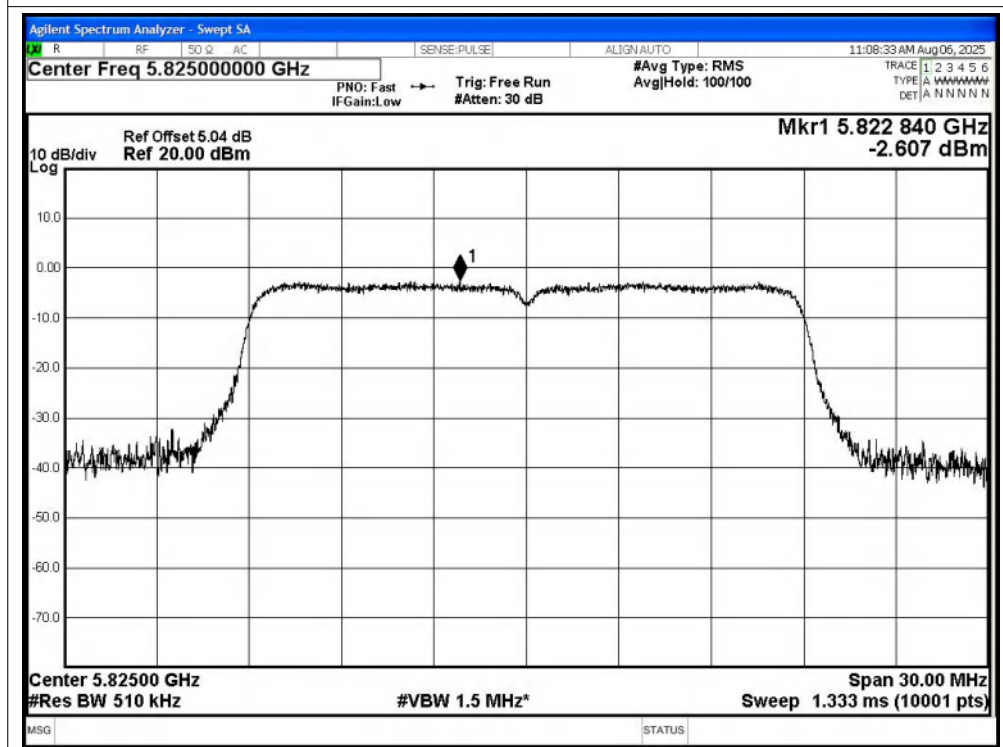


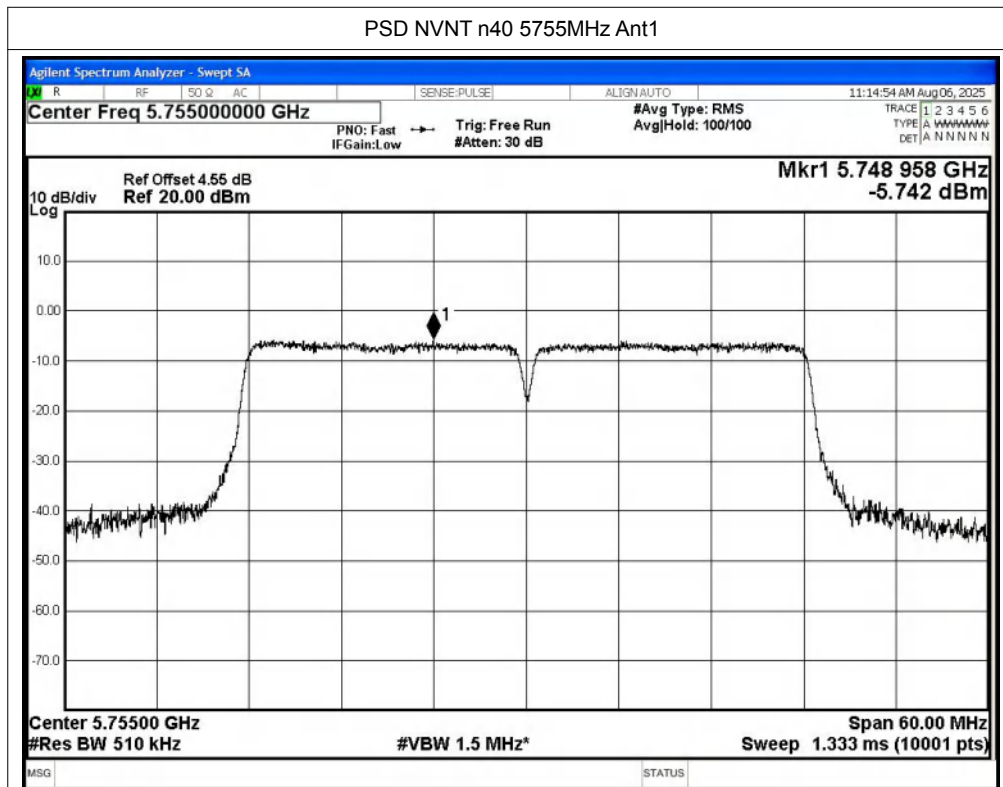
PSD NVNT n20 5745MHz Ant1



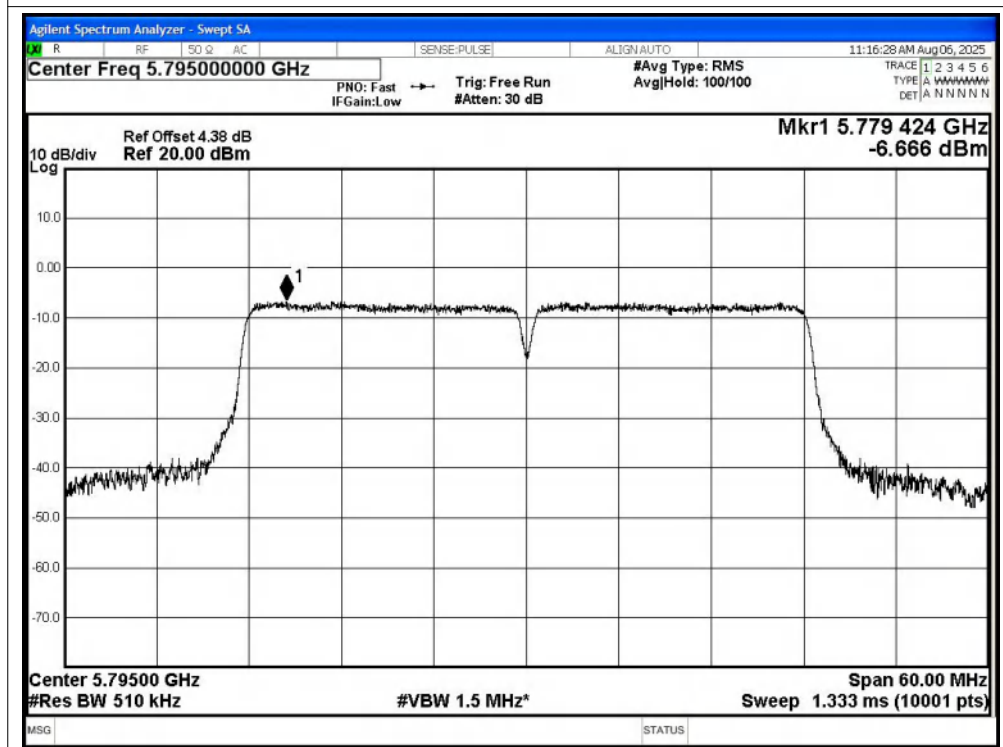


PSD NVNT n20 5825MHz Ant1

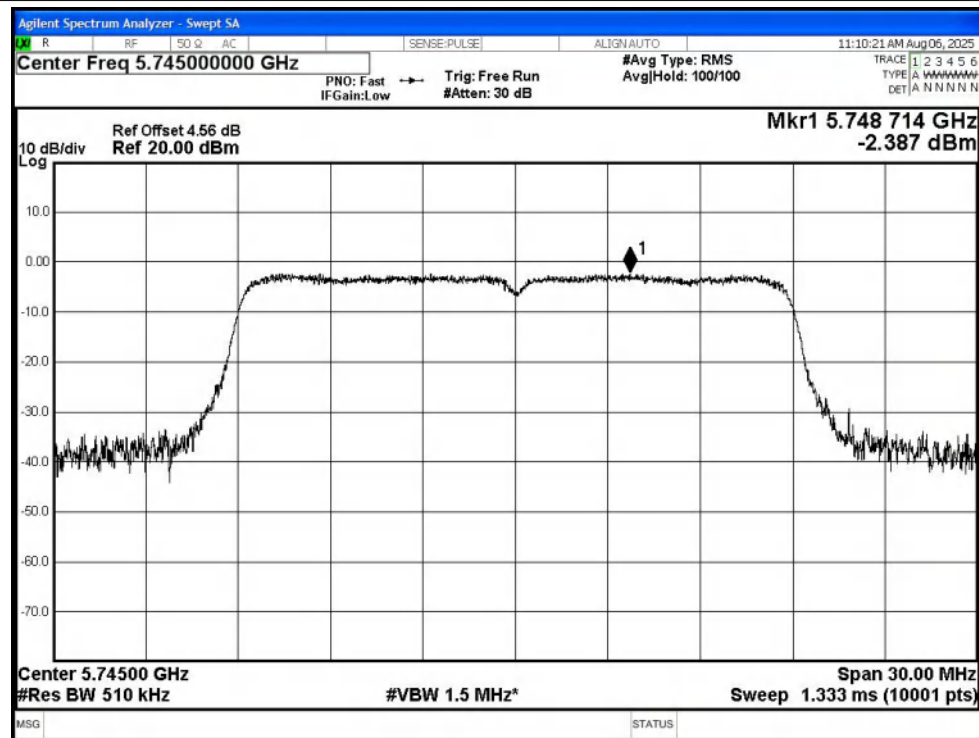




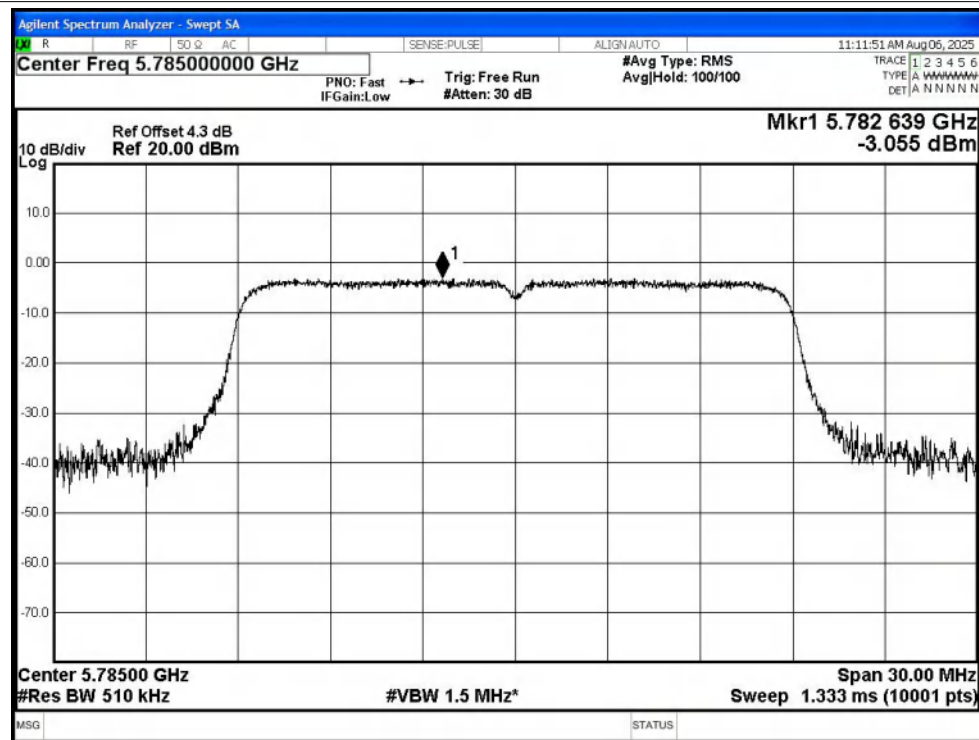
PSD NVNT n40 5795MHz Ant1



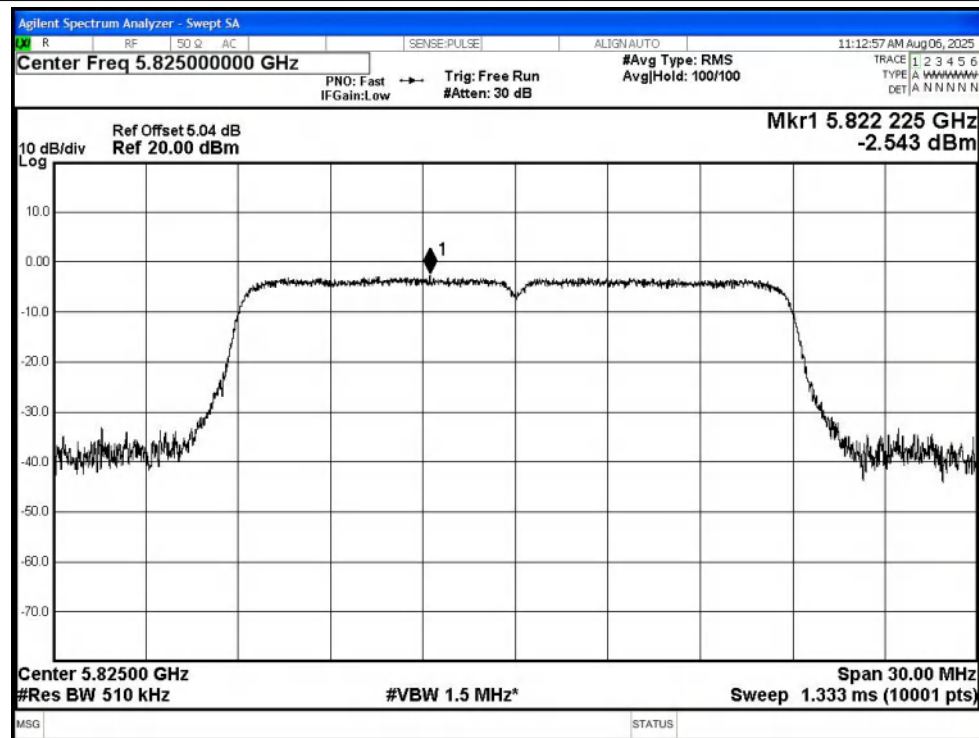
PSD NVNT ac20 5745MHz Ant1



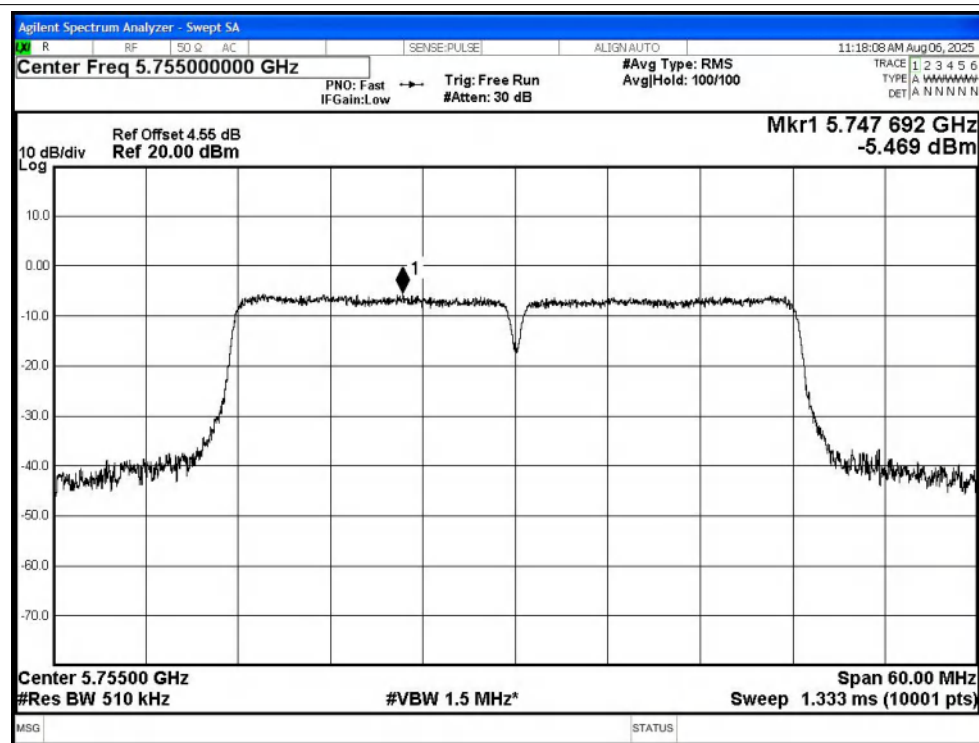
PSD NVNT ac20 5785MHz Ant1



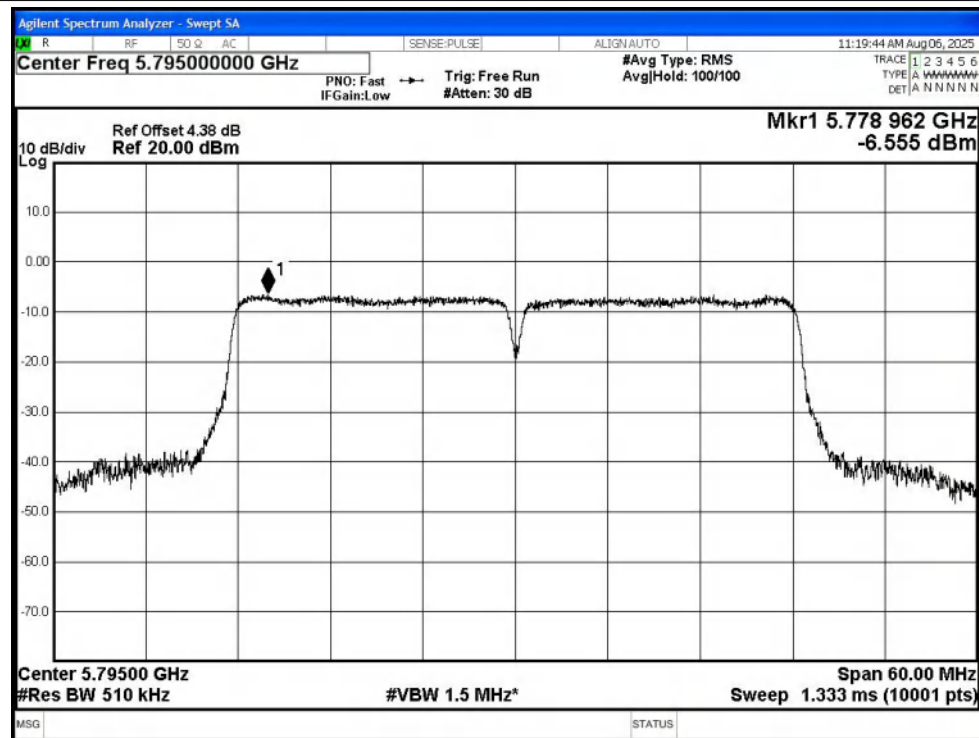
PSD NVNT ac20 5825MHz Ant1



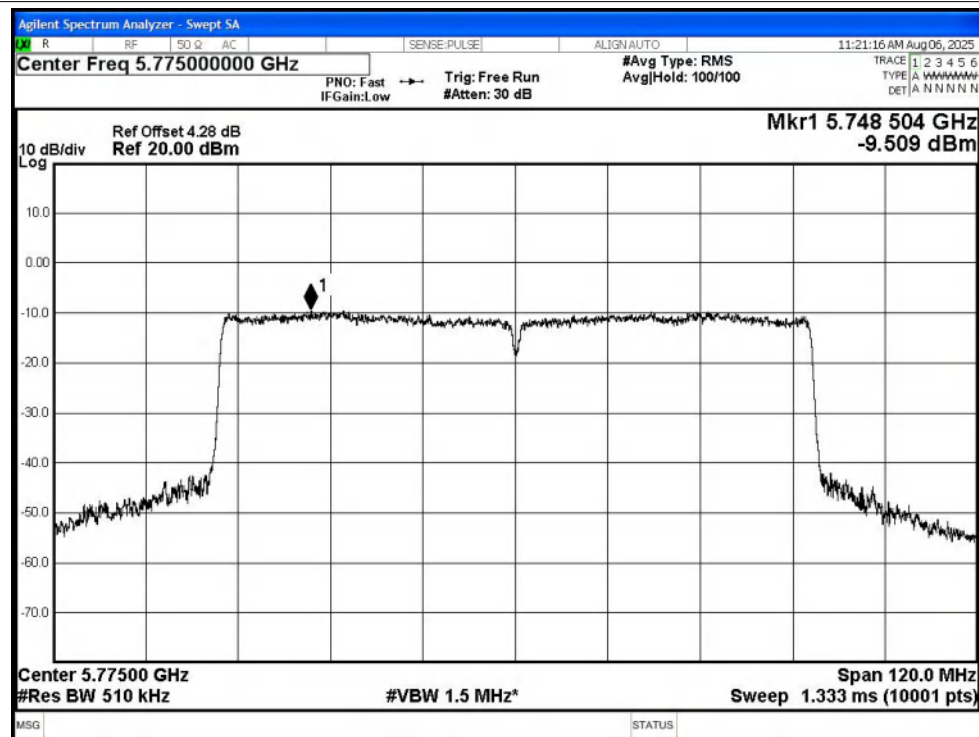
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



## G.4 Restrict Band

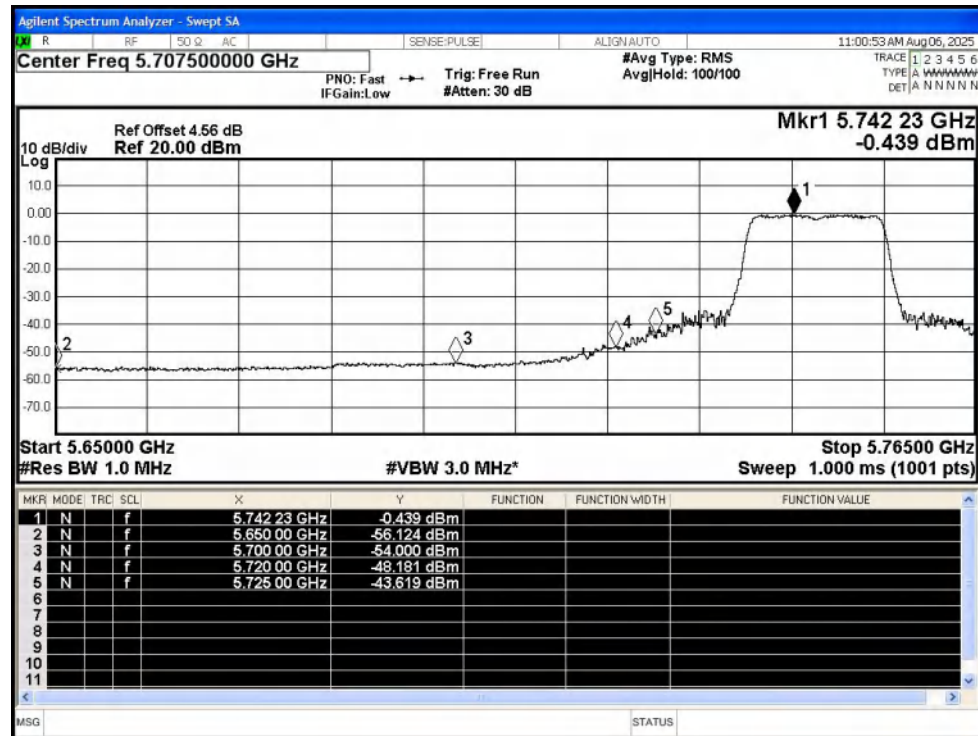
| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | EIRP Power (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -48.28      | 7.73       | -                | -40.55           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -56.12      | 7.73       | 0.19             | -48.20           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -45.26      | 7.73       | -                | -37.53           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -54         | 7.73       | 0.19             | -46.08           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -34.73      | 7.73       | -                | -27.00           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -48.18      | 7.73       | 0.19             | -40.26           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -25.51      | 7.73       | -                | -17.78           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -43.62      | 7.73       | 0.19             | -35.70           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -33.27      | 7.73       | -                | -25.54           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -47.44      | 7.73       | 0.19             | -39.52           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -41.26      | 7.73       | -                | -33.53           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -53.32      | 7.73       | 0.19             | -45.40           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -46.22      | 7.73       | -                | -38.49           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -54.39      | 7.73       | 0.19             | -46.47           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -46.88      | 7.73       | -                | -39.15           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -55.22      | 7.73       | 0.19             | -47.30           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -48.76      | 7.73       | -                | -41.03           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -55.59      | 7.73       | 0.22             | -47.64           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -46.18      | 7.73       | -                | -38.45           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -53.88      | 7.73       | 0.22             | -45.93           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -31.71      | 7.73       | -                | -23.98           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -44.79      | 7.73       | 0.22             | -36.84           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -26.11      | 7.73       | -                | -18.38           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -39.99      | 7.73       | 0.22             | -32.04           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -29.68      | 7.73       | -                | -21.95           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -44.86      | 7.73       | 0.23             | -36.90           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -34.52      | 7.73       | -                | -26.79           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -50.07      | 7.73       | 0.23             | -42.11           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -47.58      | 7.73       | -                | -39.85           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -54.26      | 7.73       | 0.23             | -46.30           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -46.22      | 7.73       | -                | -38.49           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -55.22      | 7.73       | 0.23             | -47.26           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -47.46      | 7.73       | -                | -39.73           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -56.22      | 7.73       | 0.43             | -48.06           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -45.01      | 7.73       | -                | -37.28           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -53.44      | 7.73       | 0.43             | -45.28           | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -31.05      | 7.73       | -                | -23.32           | Peak     | 15.6        | Pass    |



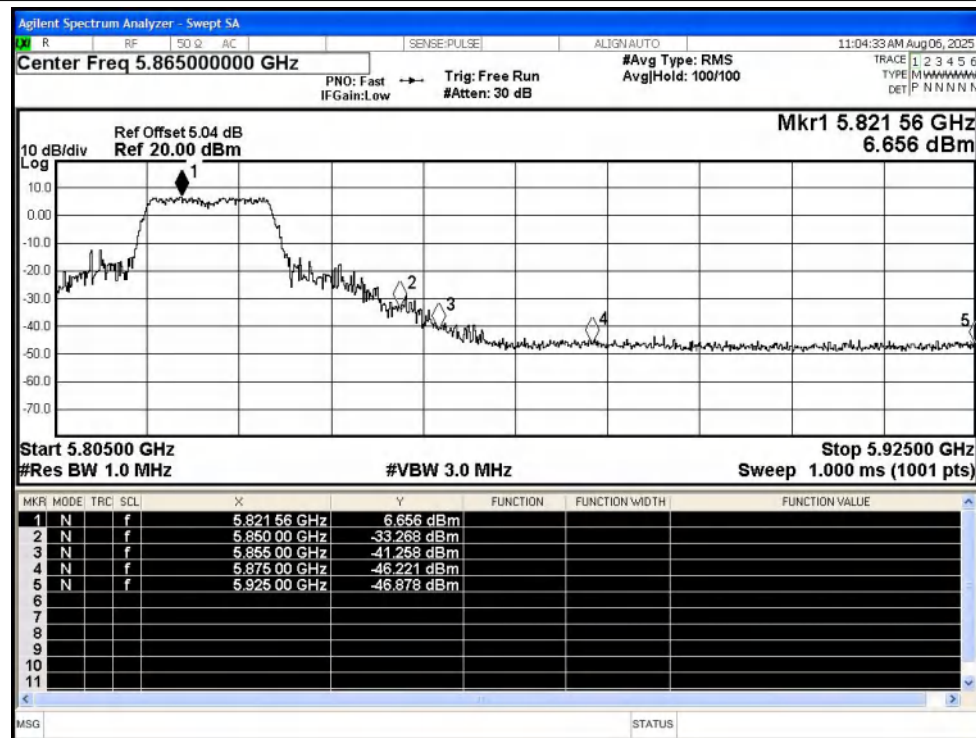
|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5720 | -44.4  | 7.73 | 0.43 | -36.24 | Average | 15.6 | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -26.56 | 7.73 | -    | -18.83 | Peak    | 27   | Pass |
| NVNT | n40  | 5755 | Ant1 | 5725 | -39.66 | 7.73 | 0.43 | -31.50 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -46.8  | 7.73 | -    | -39.07 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -55.09 | 7.73 | 0.44 | -46.92 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -48.31 | 7.73 | -    | -40.58 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -56.19 | 7.73 | 0.44 | -48.02 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -47.43 | 7.73 | -    | -39.70 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -56.61 | 7.73 | 0.44 | -48.44 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -48.19 | 7.73 | -    | -40.46 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -56.19 | 7.73 | 0.44 | -48.02 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -47.54 | 7.73 | -    | -39.81 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -55.25 | 7.73 | 0.22 | -47.30 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -45.91 | 7.73 | -    | -38.18 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.05 | 7.73 | 0.22 | -46.10 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -32.31 | 7.73 | -    | -24.58 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -45.53 | 7.73 | 0.22 | -37.58 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -25.05 | 7.73 | -    | -17.32 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -40.6  | 7.73 | 0.22 | -32.65 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -33.65 | 7.73 | -    | -25.92 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -46.37 | 7.73 | 0.22 | -38.42 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -36.71 | 7.73 | -    | -28.98 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -51.72 | 7.73 | 0.22 | -43.77 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -46.98 | 7.73 | -    | -39.25 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -55.01 | 7.73 | 0.22 | -47.06 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -47.94 | 7.73 | -    | -40.21 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -55.22 | 7.73 | 0.22 | -47.27 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -48.41 | 7.73 | -    | -40.68 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -55.81 | 7.73 | 0.43 | -47.65 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -46.61 | 7.73 | -    | -38.88 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -54.11 | 7.73 | 0.43 | -45.95 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -27.75 | 7.73 | -    | -20.02 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -45.04 | 7.73 | 0.43 | -36.88 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -26.13 | 7.73 | -    | -18.40 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -41.29 | 7.73 | 0.43 | -33.13 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -47.53 | 7.73 | -    | -39.80 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -55.77 | 7.73 | 0.43 | -47.61 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -47.18 | 7.73 | -    | -39.45 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -55.65 | 7.73 | 0.43 | -47.49 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -49.23 | 7.73 | -    | -41.50 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -56.27 | 7.73 | 0.43 | -48.11 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -48.07 | 7.73 | -    | -40.34 | Peak    | -27  | Pass |



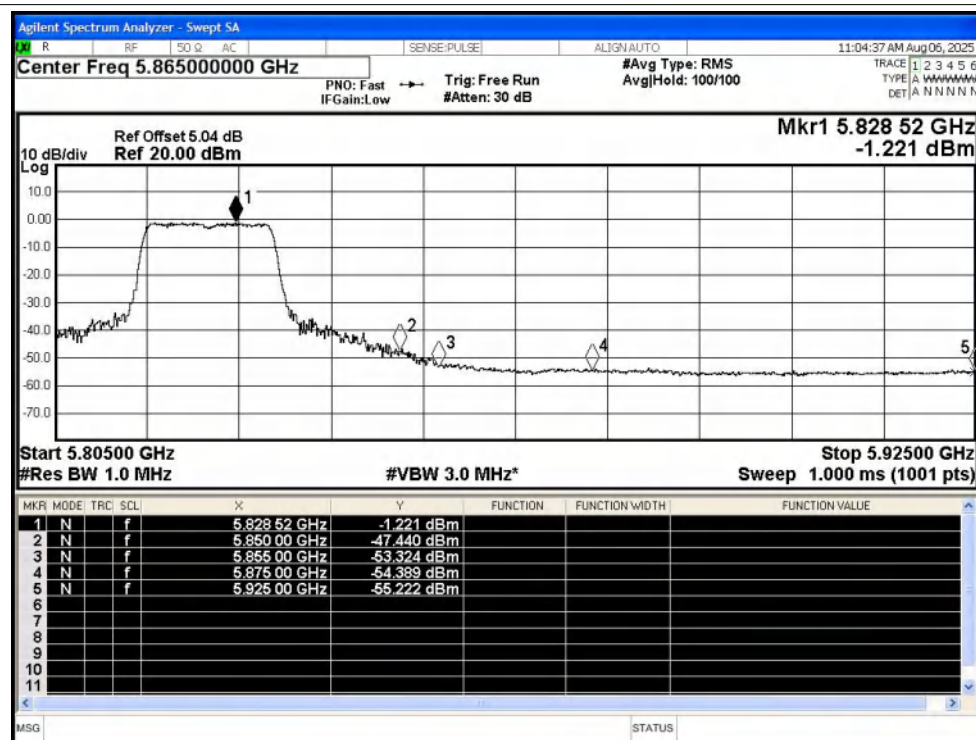
|      |      |      |      |      |        |      |      |        |         |      |      |
|------|------|------|------|------|--------|------|------|--------|---------|------|------|
| NVNT | ac40 | 5795 | Ant1 | 5925 | -56.68 | 7.73 | 0.43 | -48.52 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -48.35 | 7.73 | -    | -40.62 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -55.88 | 7.73 | 0.83 | -47.32 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -43.64 | 7.73 | -    | -35.91 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -52.53 | 7.73 | 0.83 | -43.97 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -27.47 | 7.73 | -    | -19.74 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -47.51 | 7.73 | 0.83 | -38.95 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -32.48 | 7.73 | -    | -24.75 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -44.44 | 7.73 | 0.83 | -35.88 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -44.51 | 7.73 | -    | -36.78 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -52.82 | 7.73 | 0.83 | -44.26 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -42.62 | 7.73 | -    | -34.89 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -53.41 | 7.73 | 0.83 | -44.85 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -46.62 | 7.73 | -    | -38.89 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -54.77 | 7.73 | 0.83 | -46.21 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -48.95 | 7.73 | -    | -41.22 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -55.96 | 7.73 | 0.83 | -47.40 | Average | -27  | Pass |

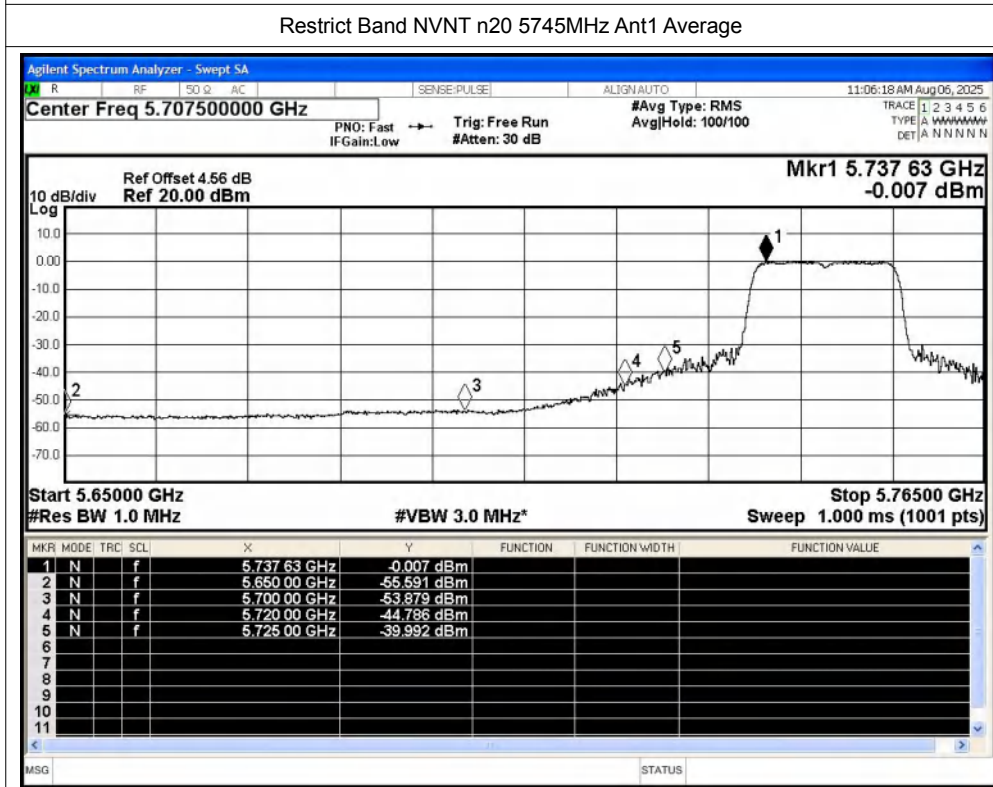


## Restrict Band NVNT a 5825MHz Ant1 Peak

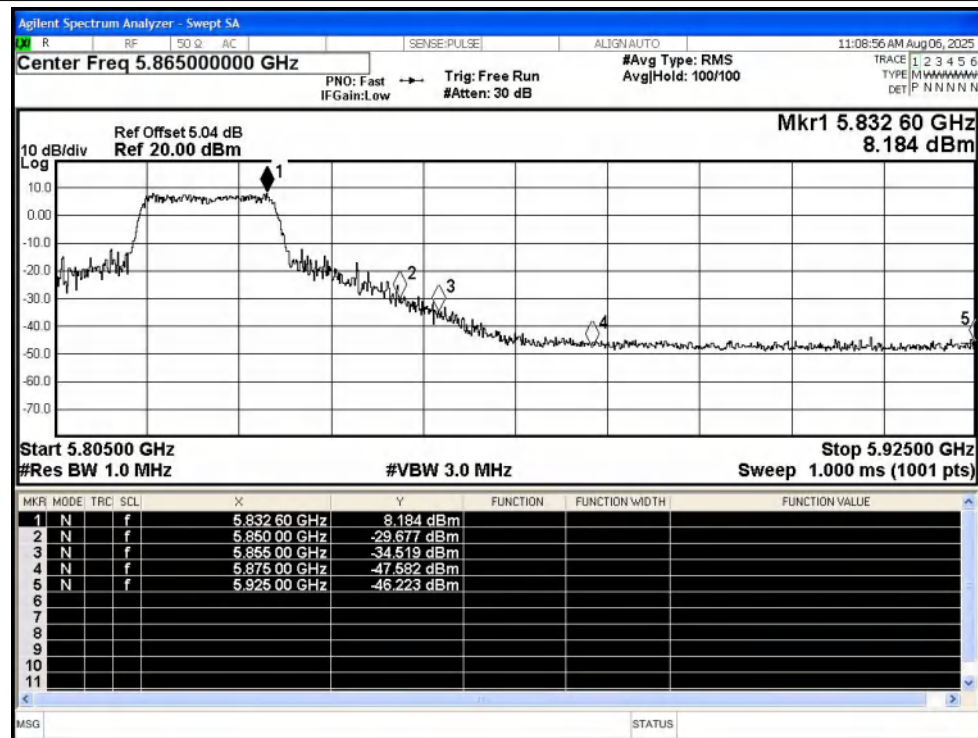


## Restrict Band NVNT a 5825MHz Ant1 Average

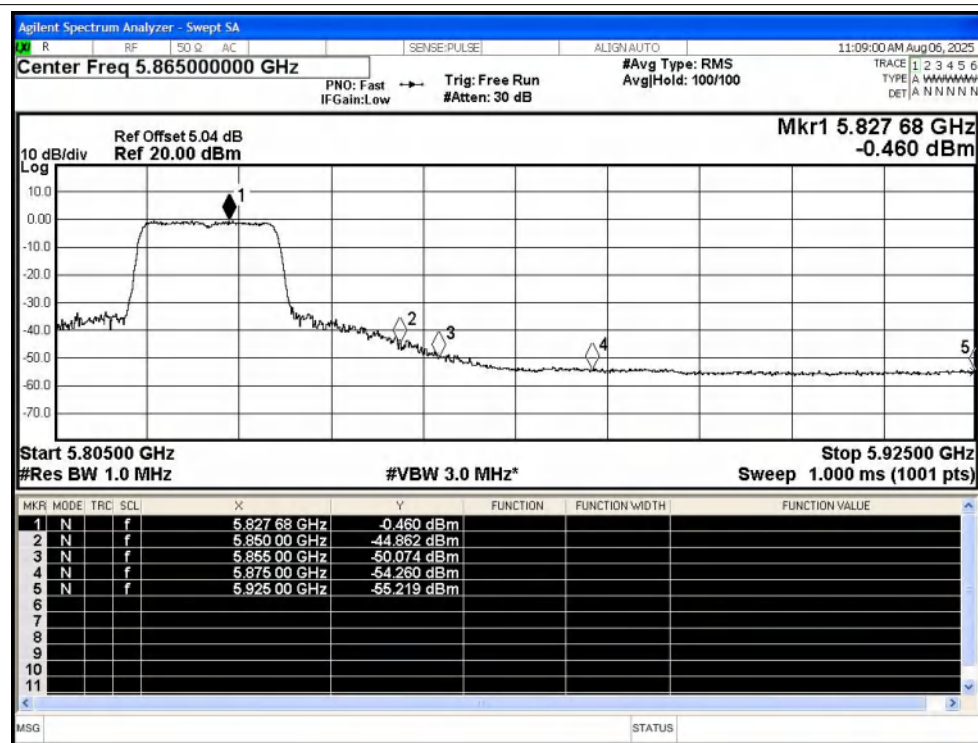


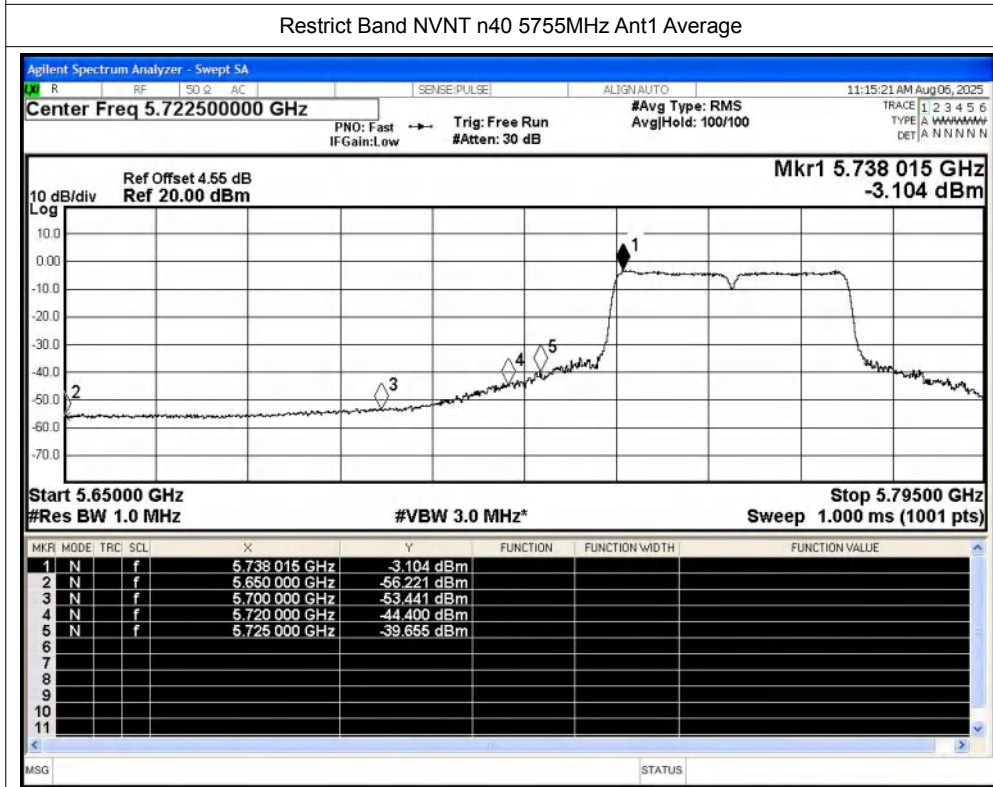


## Restrict Band NVNT n20 5825MHz Ant1 Peak

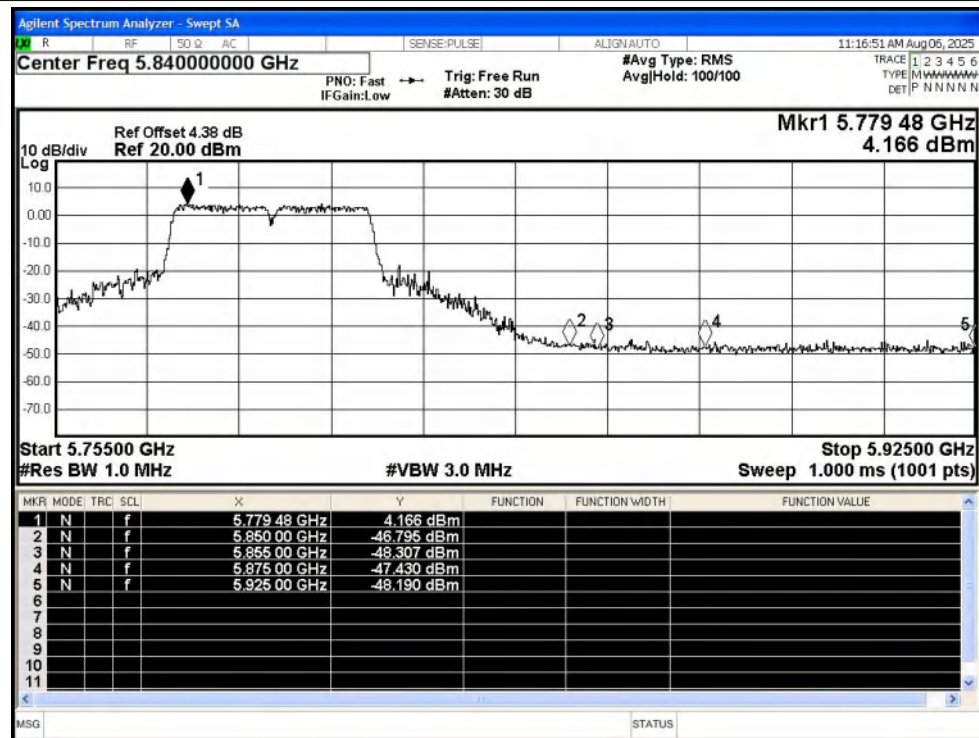


## Restrict Band NVNT n20 5825MHz Ant1 Average

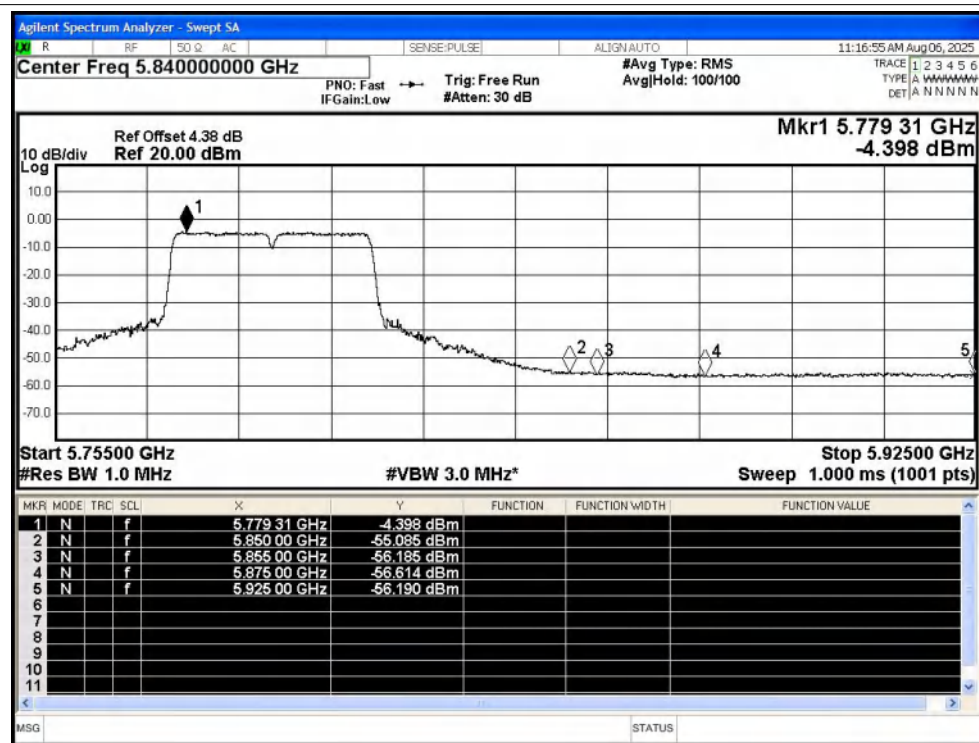




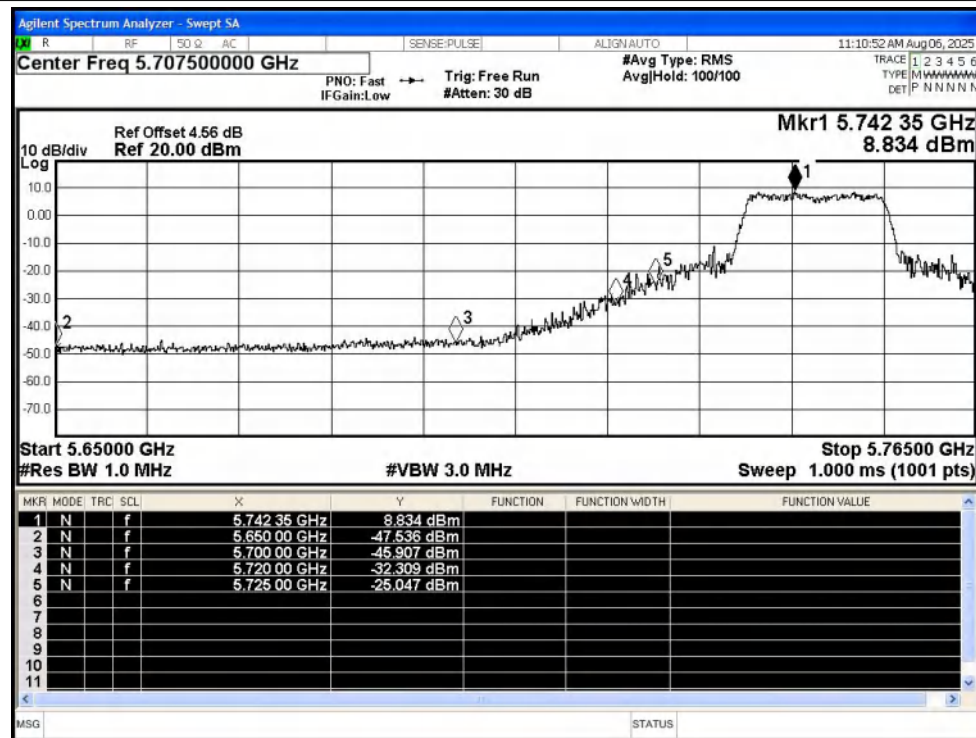
## Restrict Band NVNT n40 5795MHz Ant1 Peak



## Restrict Band NVNT n40 5795MHz Ant1 Average



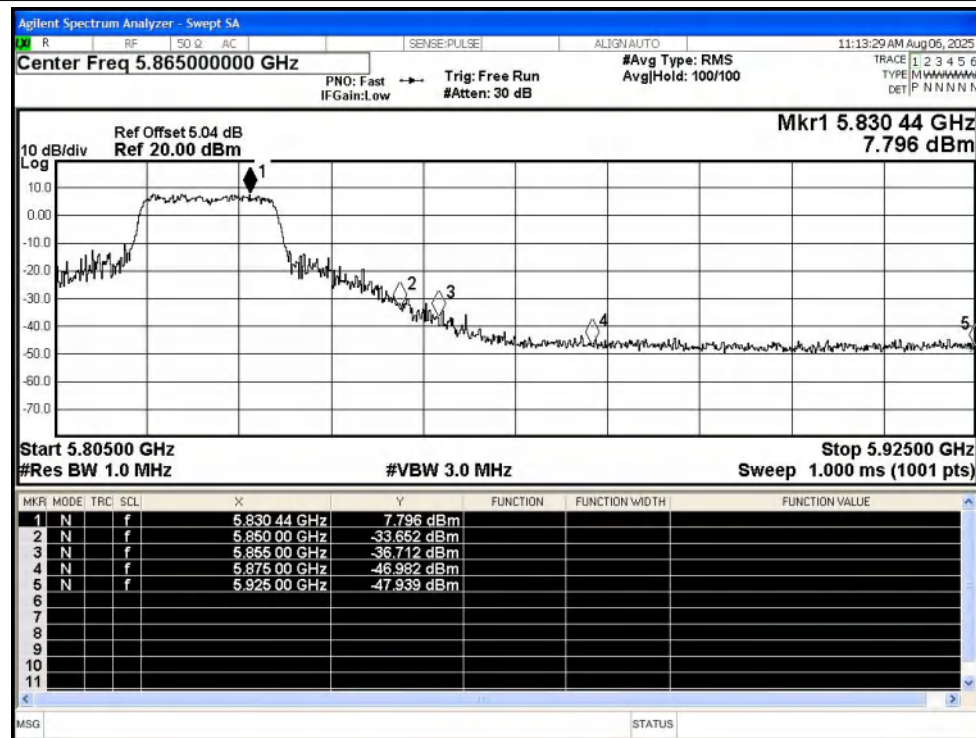
## Restrict Band NVNT ac20 5745MHz Ant1 Peak



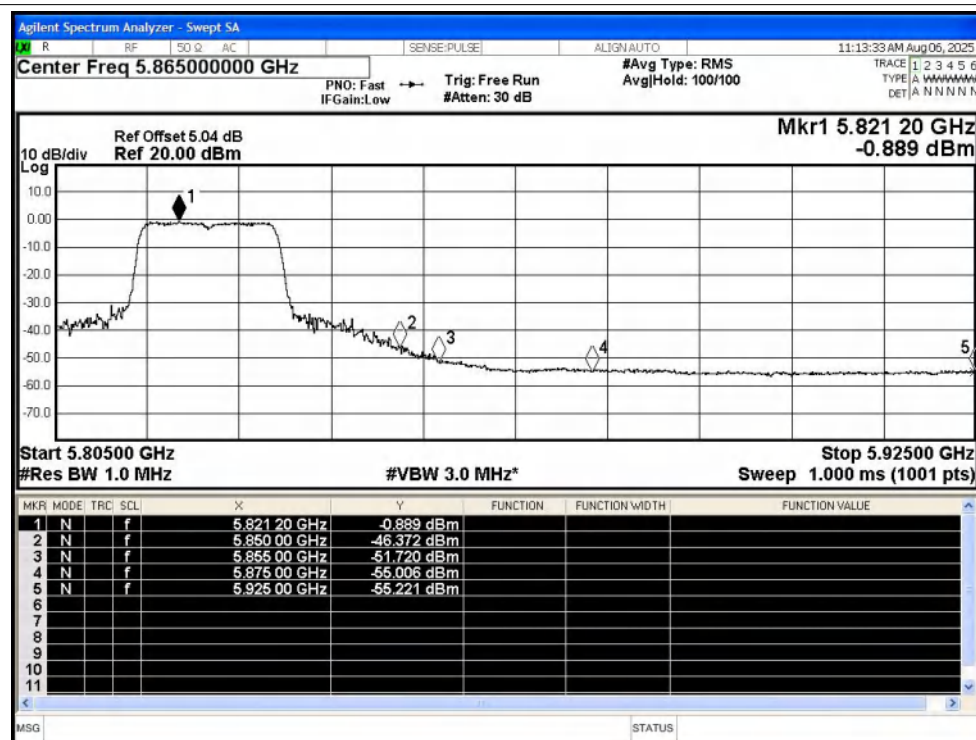
## Restrict Band NVNT ac20 5745MHz Ant1 Average

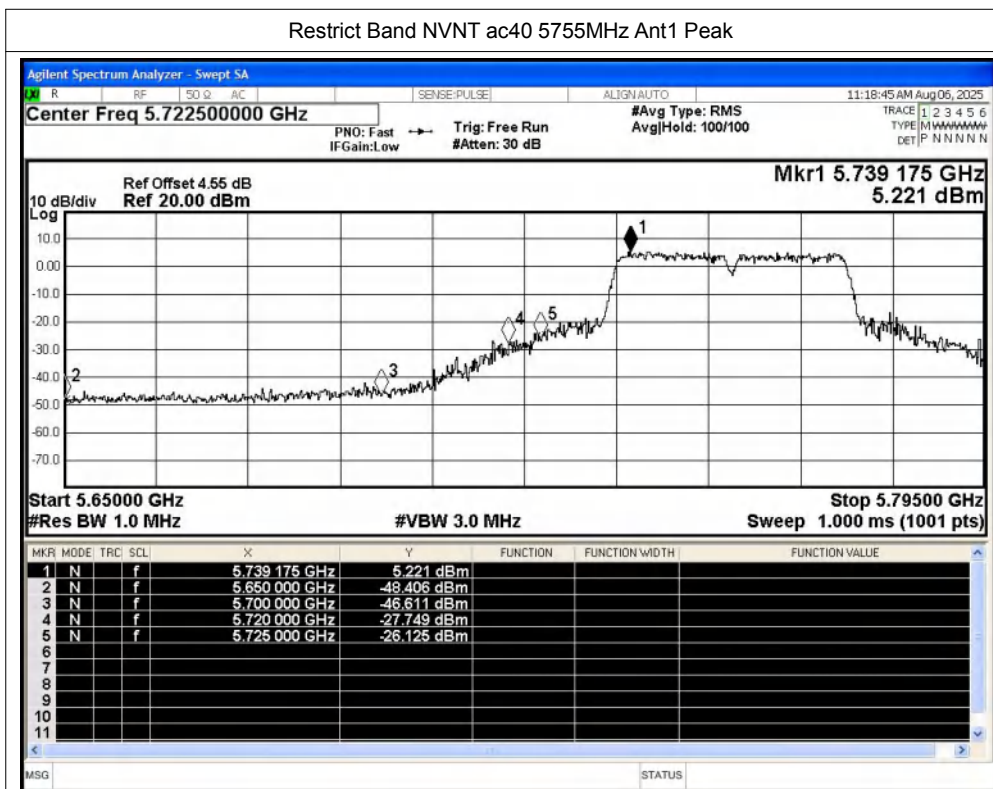


## Restrict Band NVNT ac20 5825MHz Ant1 Peak

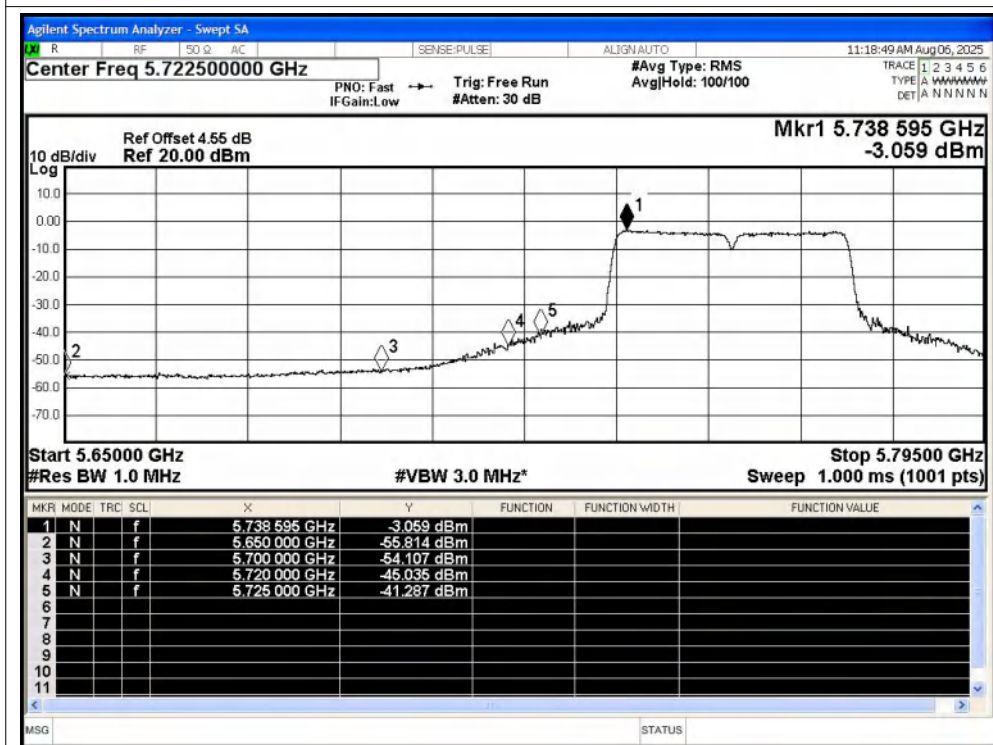


## Restrict Band NVNT ac20 5825MHz Ant1 Average

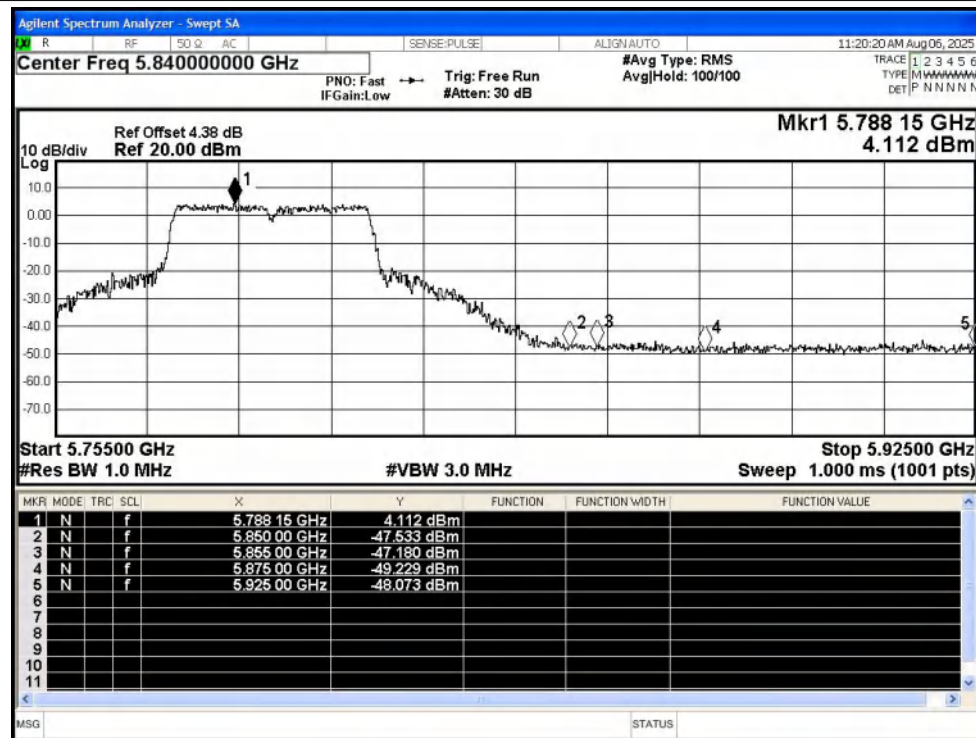




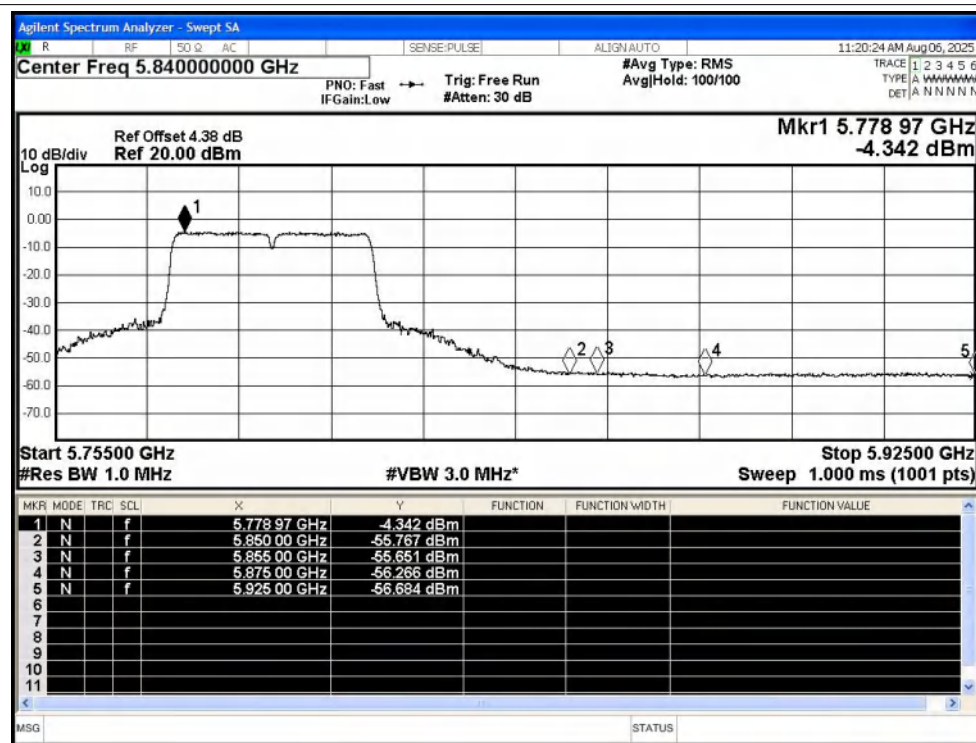
Restrict Band NVNT ac40 5755MHz Ant1 Average



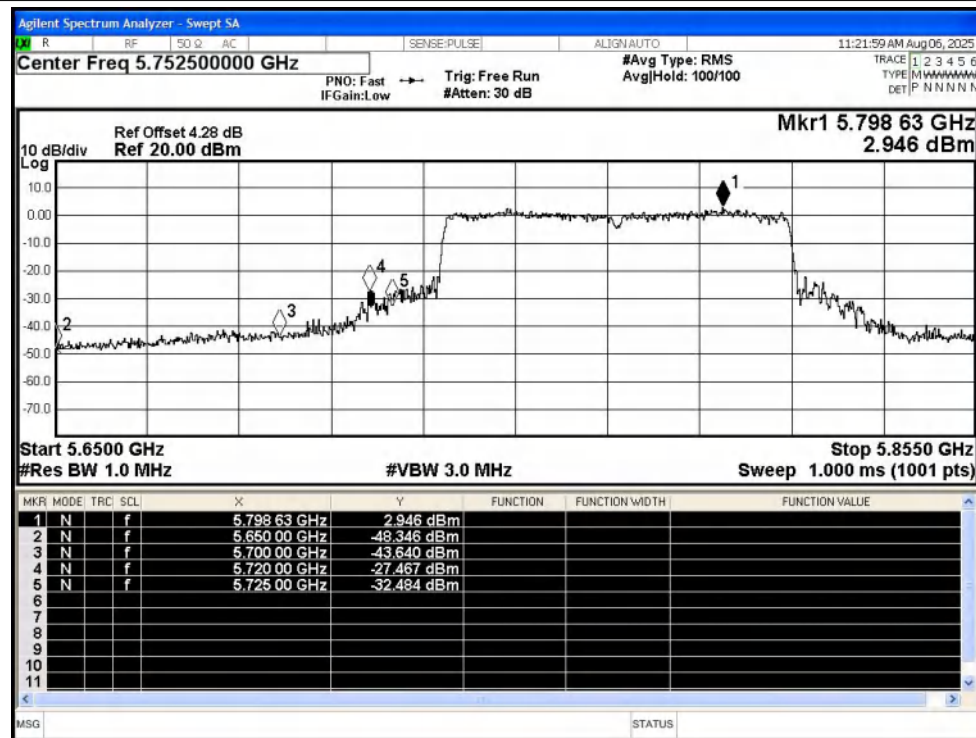
## Restrict Band NVNT ac40 5795MHz Ant1 Peak



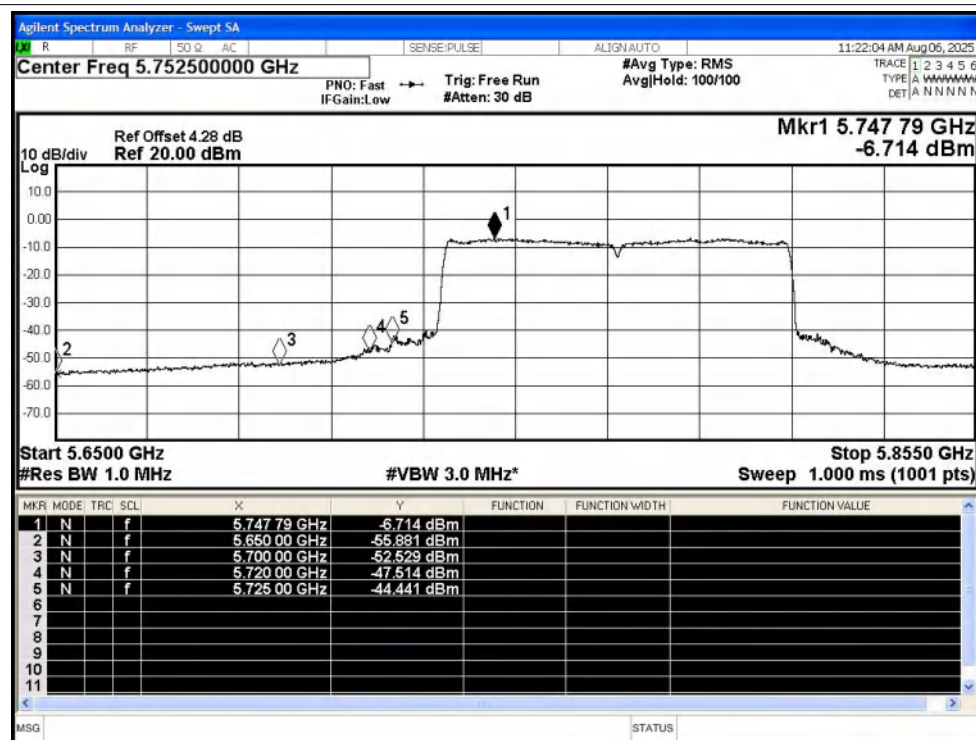
## Restrict Band NVNT ac40 5795MHz Ant1 Average

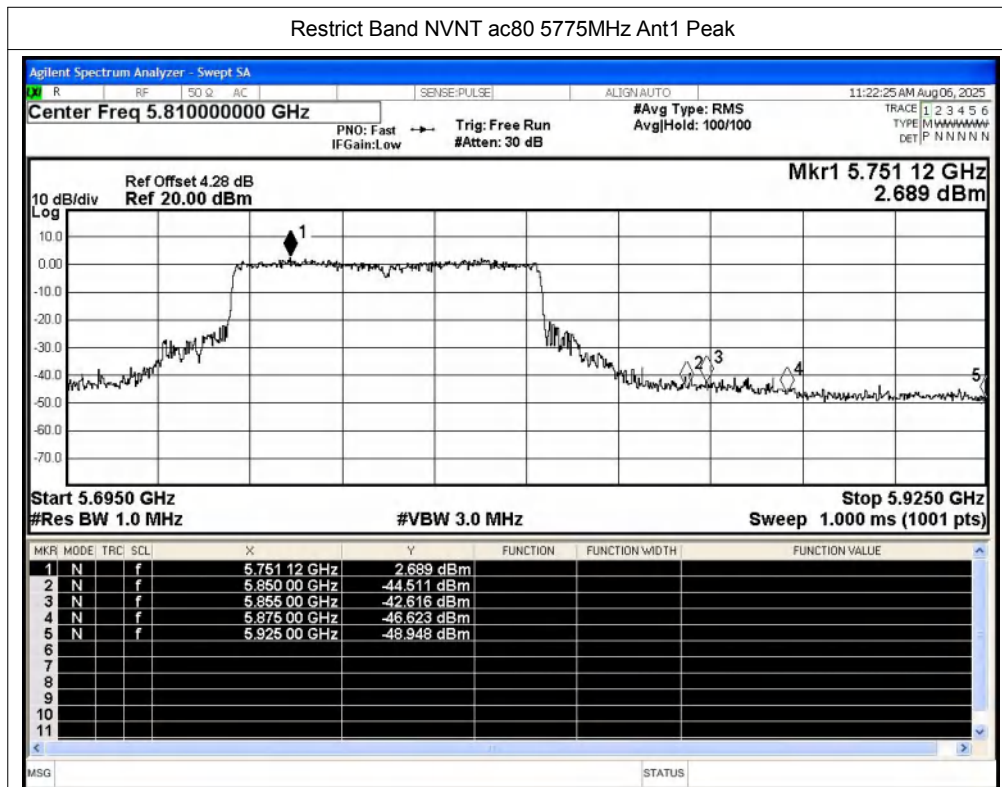


## Restrict Band NVNT ac80 5775MHz Ant1 Peak

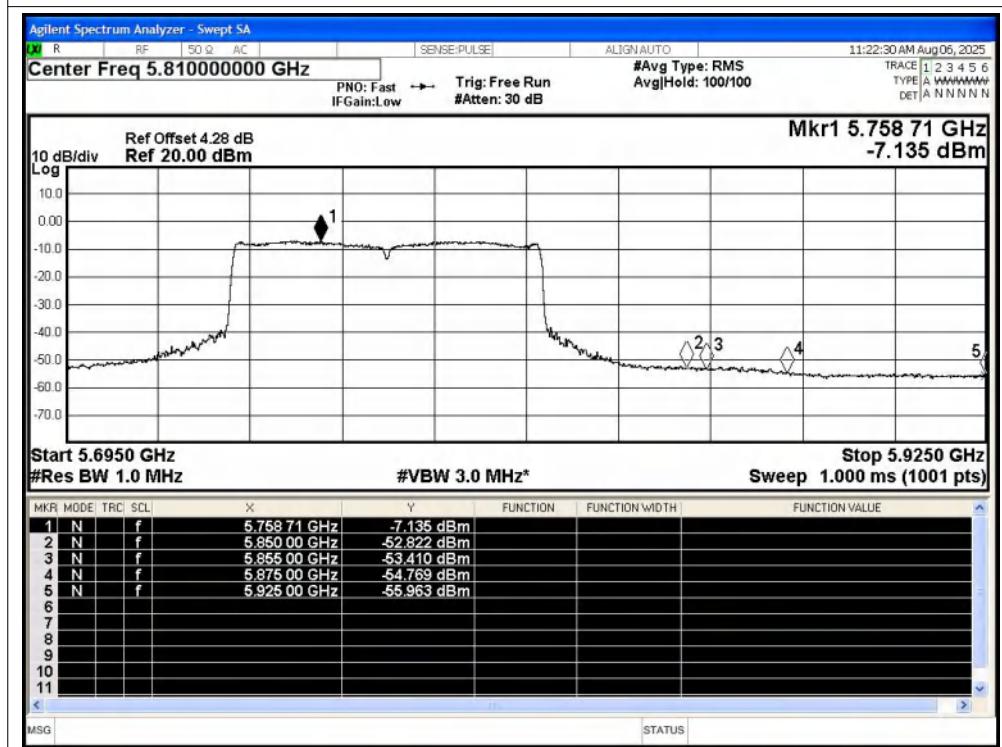


## Restrict Band NVNT ac80 5775MHz Ant1 Average





Restrict Band NVNT ac80 5775MHz Ant1 Average

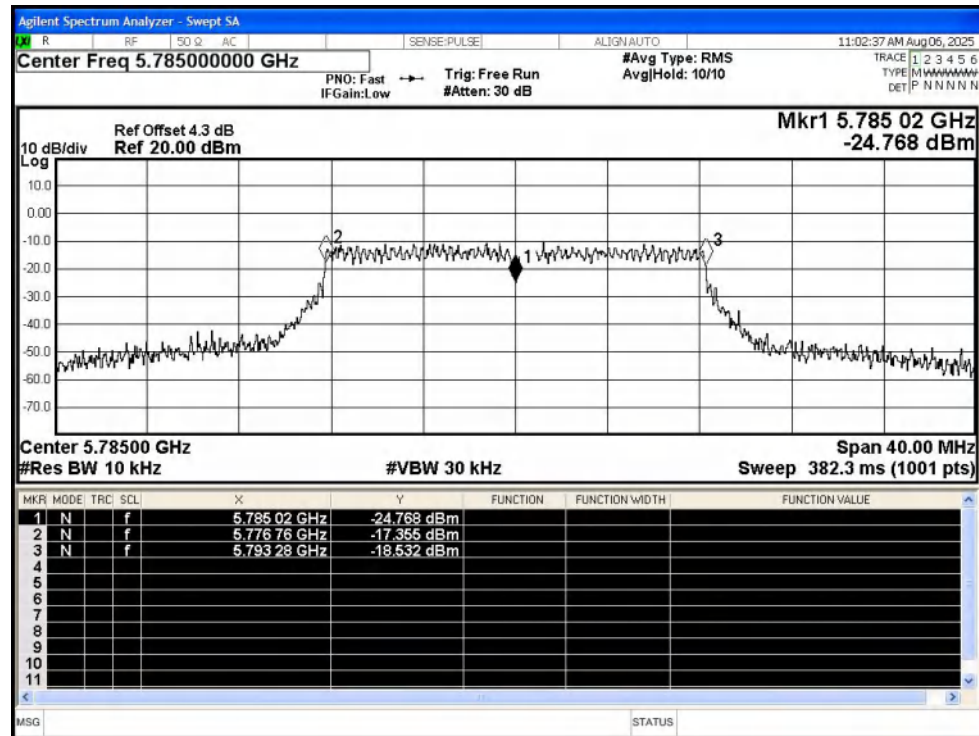


## G.5 Frequency Stability

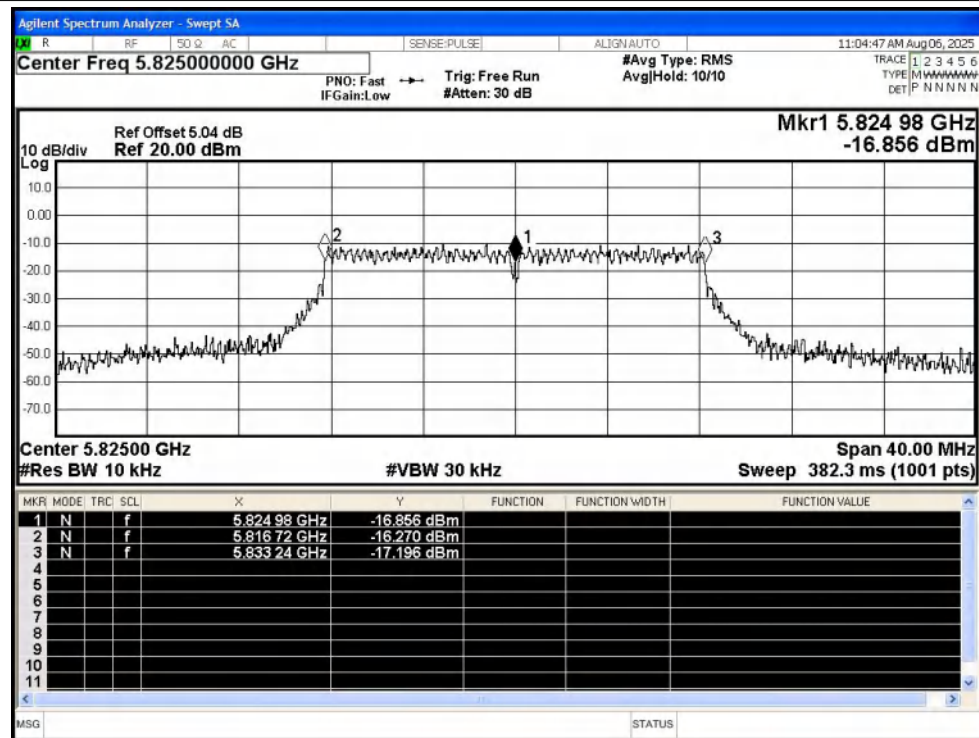
| Condition | Mode | Frequency<br>(MHz) | Antenna | Measured Frequency<br>(MHz) | Frequency Error<br>(Hz) | Deviation<br>(ppm) | Limit<br>(ppm) | Verdict |
|-----------|------|--------------------|---------|-----------------------------|-------------------------|--------------------|----------------|---------|
|-----------|------|--------------------|---------|-----------------------------|-------------------------|--------------------|----------------|---------|



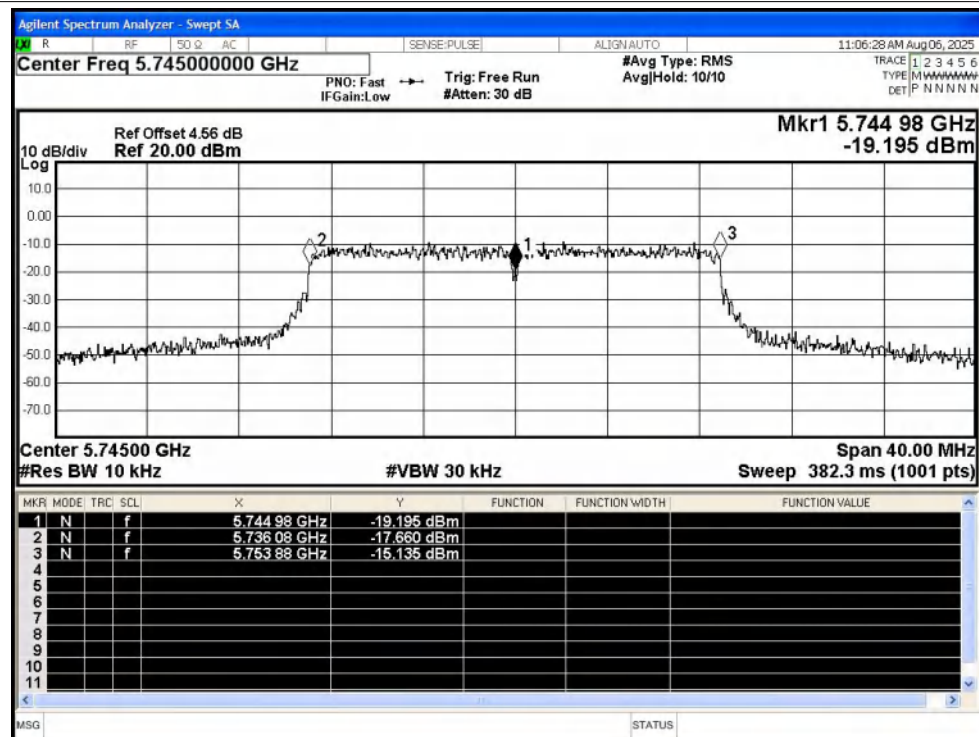
|      |      |      |      |         |        |       |    |      |
|------|------|------|------|---------|--------|-------|----|------|
| NVNT | a    | 5745 | Ant1 | 5745    | 0      | 0     | 25 | Pass |
| NVNT | a    | 5785 | Ant1 | 5785.02 | 20000  | 3.46  | 25 | Pass |
| NVNT | a    | 5825 | Ant1 | 5824.98 | -20000 | -3.43 | 25 | Pass |
| NVNT | n20  | 5745 | Ant1 | 5744.98 | -20000 | -3.48 | 25 | Pass |
| NVNT | n20  | 5785 | Ant1 | 5784.98 | -20000 | -3.46 | 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 | 5795    | 0      | 0     | 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 |

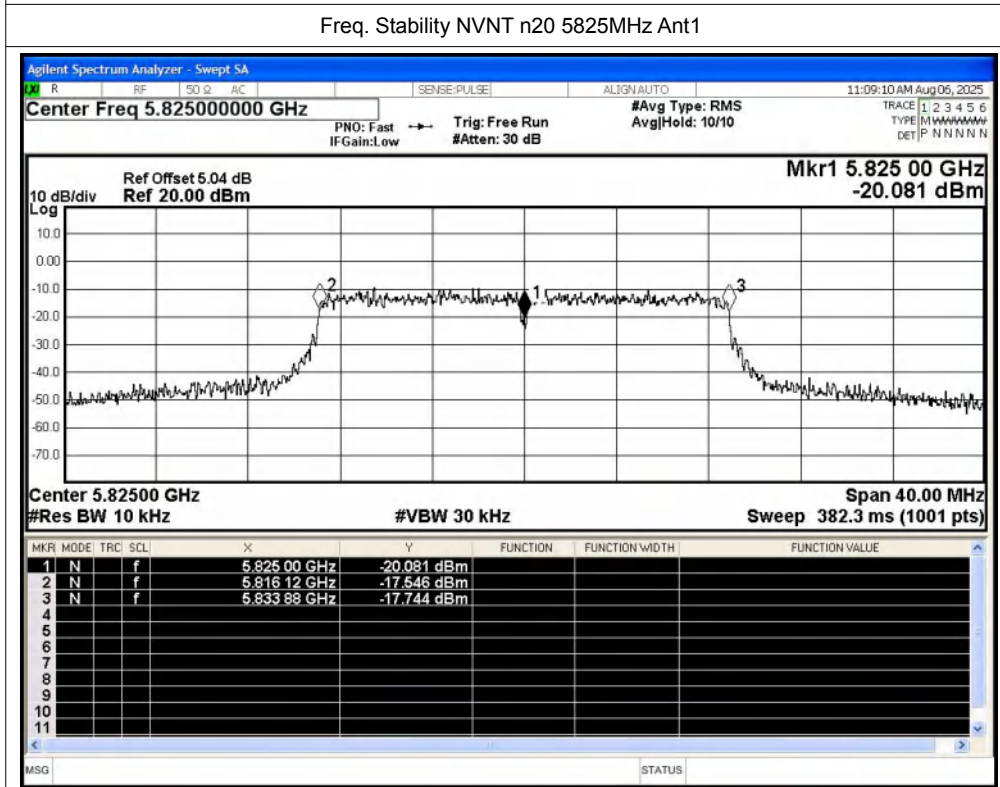


## Freq. Stability NVNT a 5825MHz Ant1

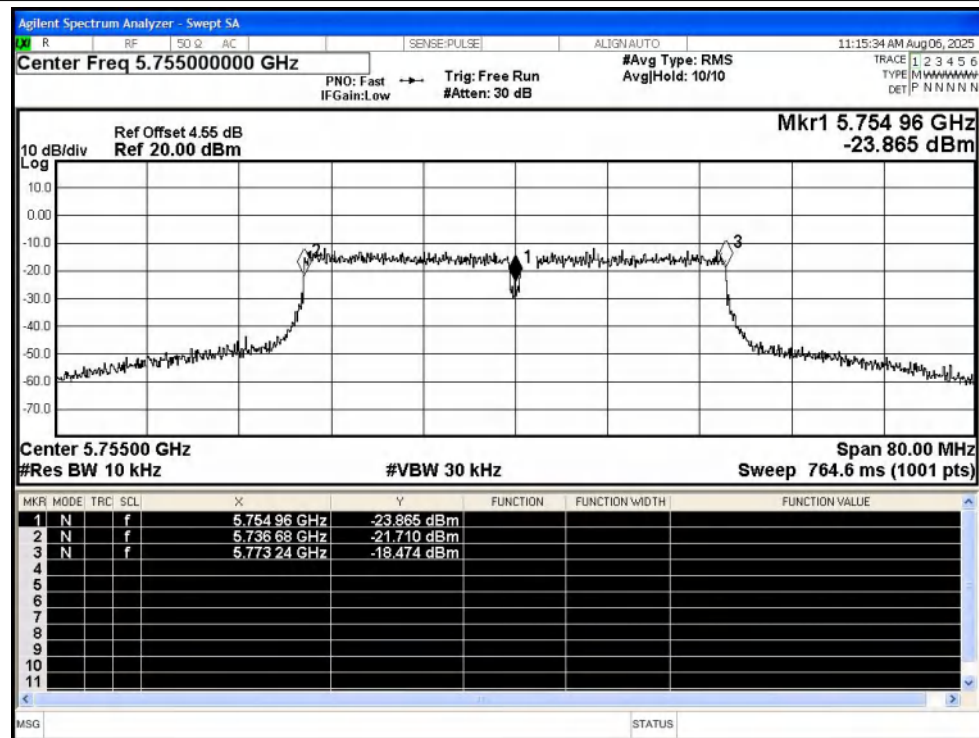


## Freq. Stability NVNT n20 5745MHz Ant1

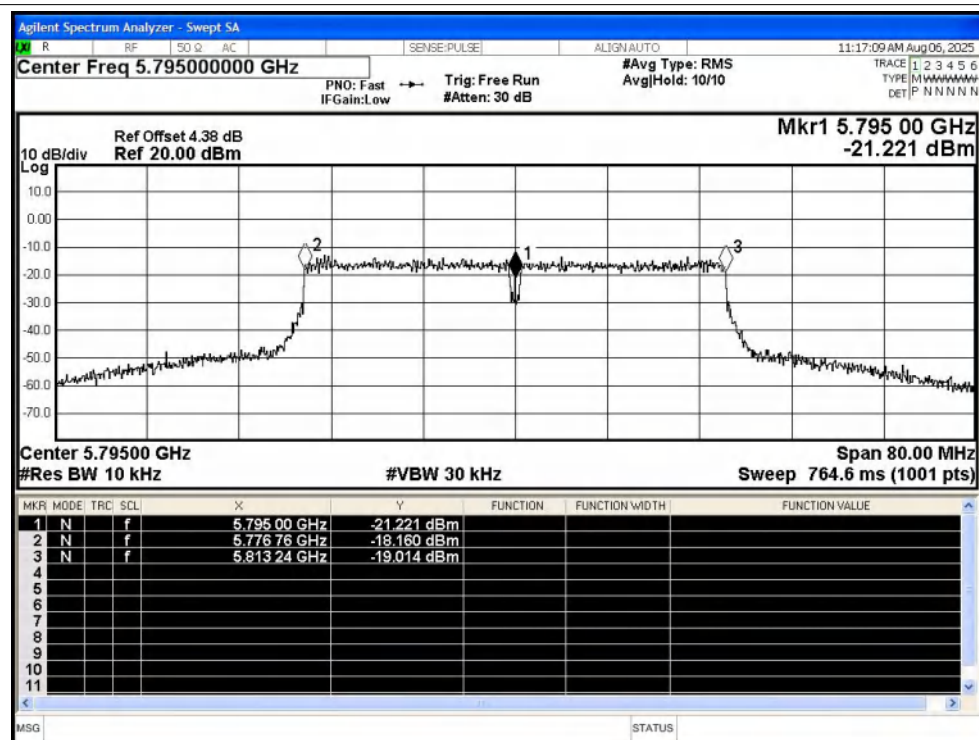


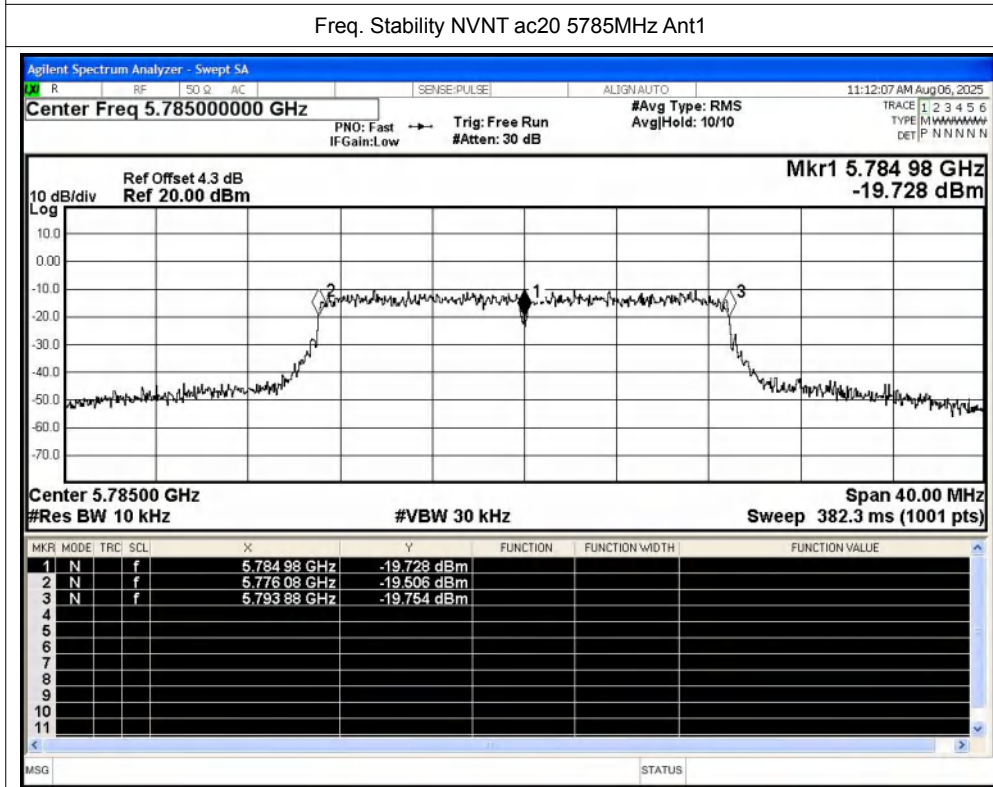


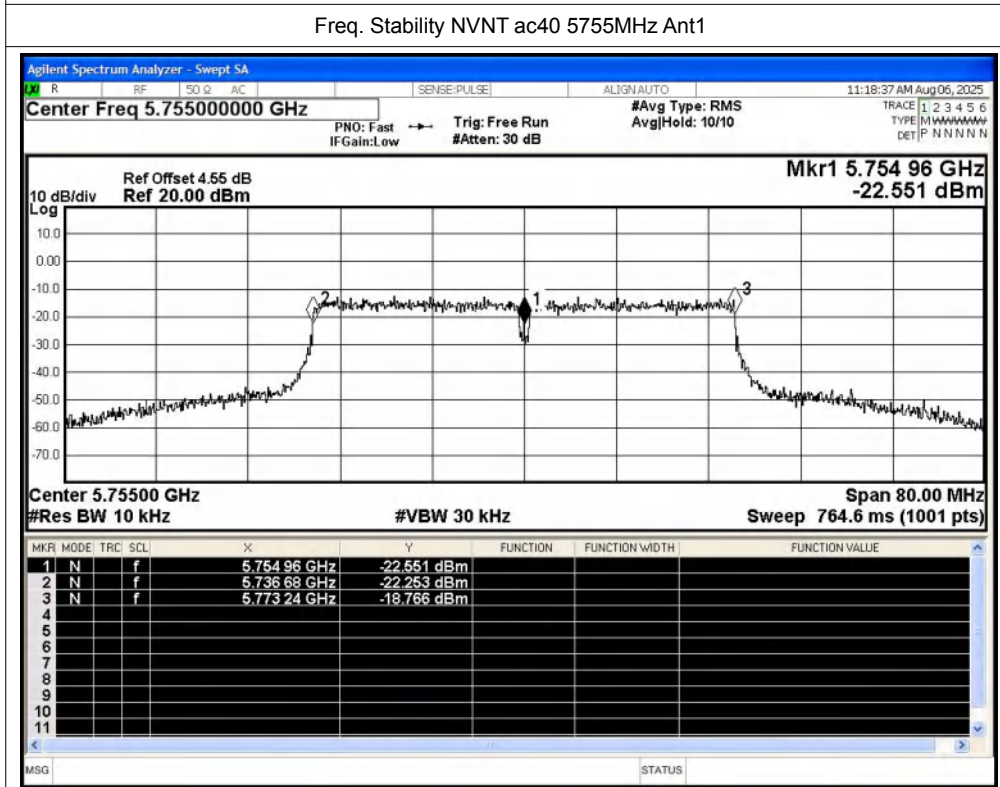
## Freq. Stability NVNT n40 5755MHz Ant1

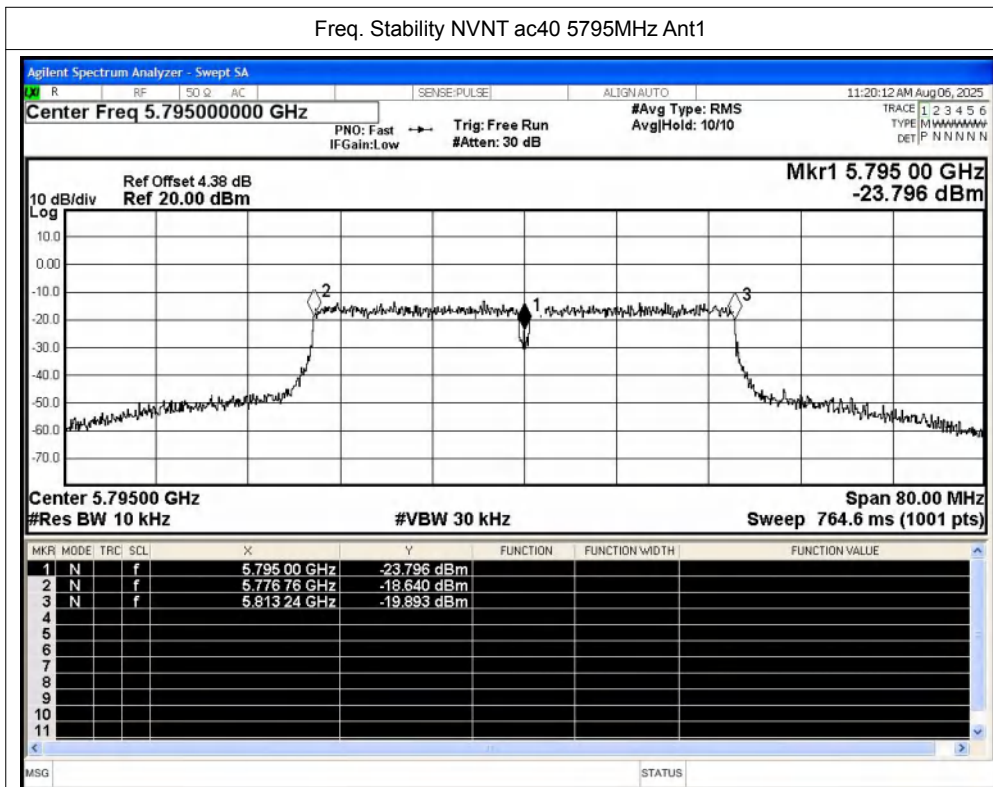


## Freq. Stability NVNT n40 5795MHz Ant1

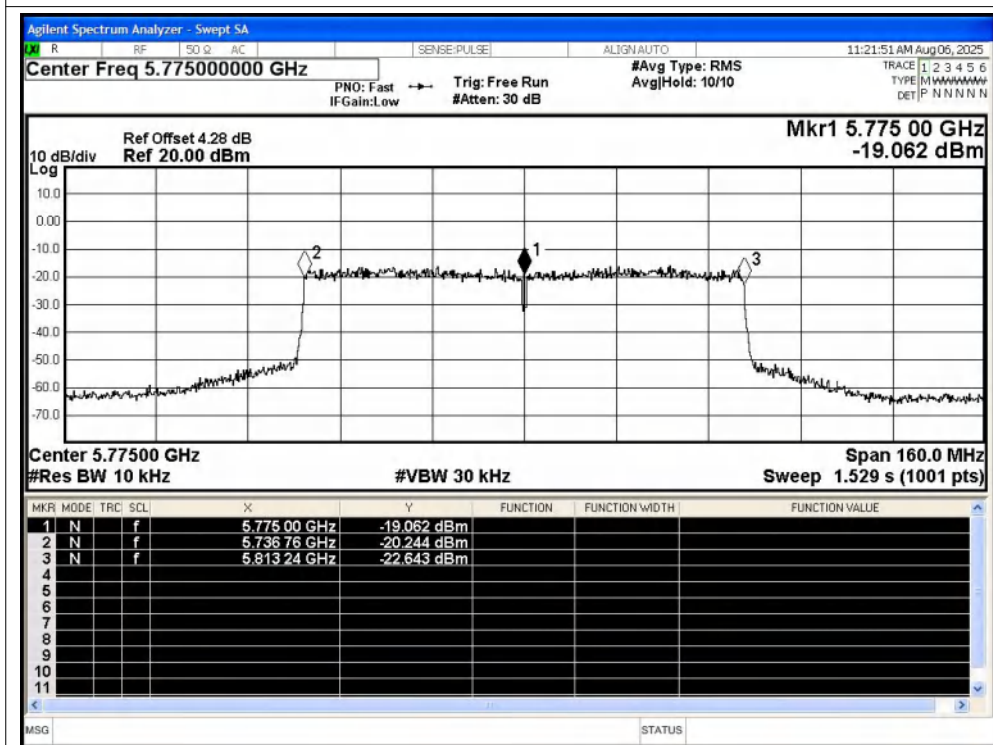






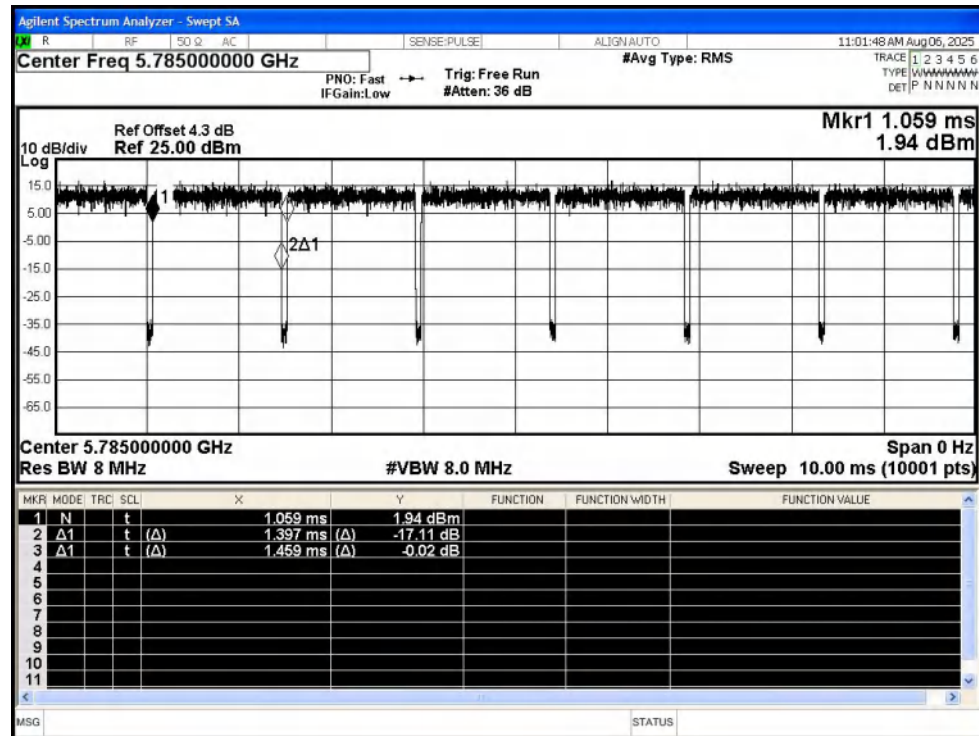


Freq. Stability NVNT ac80 5775MHz Ant1



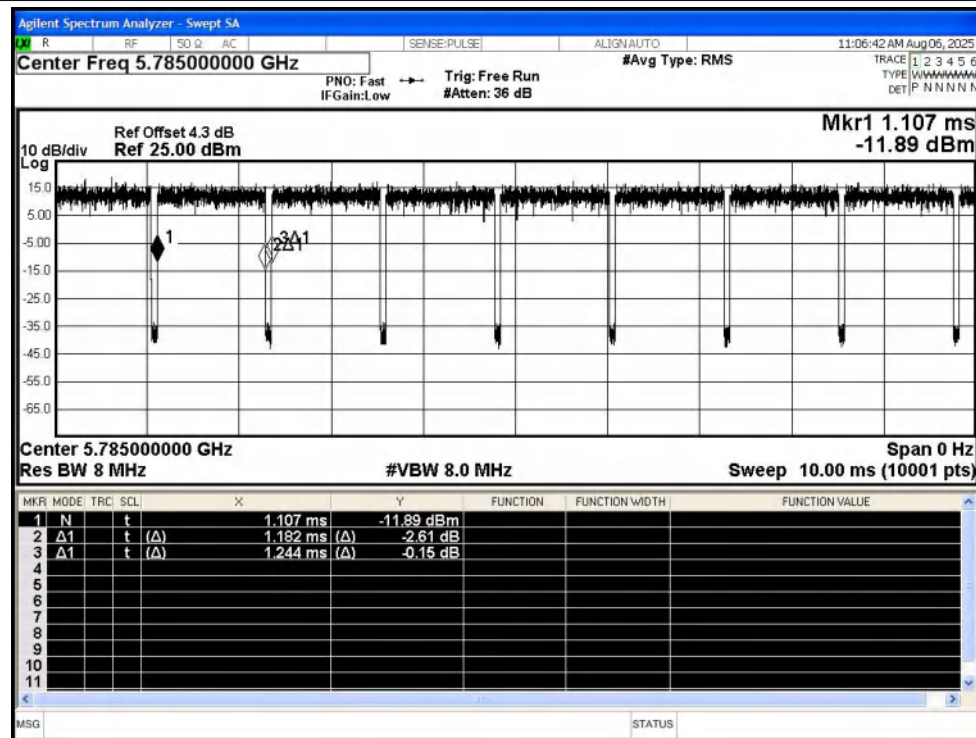
## G.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 95.68          | 0.19                   | 0.72      |
| NVNT      | a    | 5785            | Ant1    | 95.75          | 0.19                   | 0.72      |
| NVNT      | a    | 5825            | Ant1    | 95.75          | 0.19                   | 0.72      |
| NVNT      | n20  | 5745            | Ant1    | 95.02          | 0.22                   | 0.85      |
| NVNT      | n20  | 5785            | Ant1    | 95.02          | 0.22                   | 0.85      |
| NVNT      | n20  | 5825            | Ant1    | 94.94          | 0.23                   | 0.85      |
| NVNT      | n40  | 5755            | Ant1    | 90.6           | 0.43                   | 1.7       |
| NVNT      | n40  | 5795            | Ant1    | 90.45          | 0.44                   | 1.7       |
| NVNT      | ac20 | 5745            | Ant1    | 95.04          | 0.22                   | 0.84      |
| NVNT      | ac20 | 5785            | Ant1    | 95.04          | 0.22                   | 0.84      |
| NVNT      | ac20 | 5825            | Ant1    | 94.96          | 0.22                   | 0.84      |
| NVNT      | ac40 | 5755            | Ant1    | 90.56          | 0.43                   | 1.68      |
| NVNT      | ac40 | 5795            | Ant1    | 90.56          | 0.43                   | 1.68      |
| NVNT      | ac80 | 5775            | Ant1    | 82.68          | 0.83                   | 3.38      |





## Duty Cycle NVNT n20 5785MHz Ant1



## Duty Cycle NVNT n20 5825MHz Ant1

