

FCC Appendix RF Test Data for 5.8GWIFI

Product Name: Smart Diagnostic System  
Test Model: P806

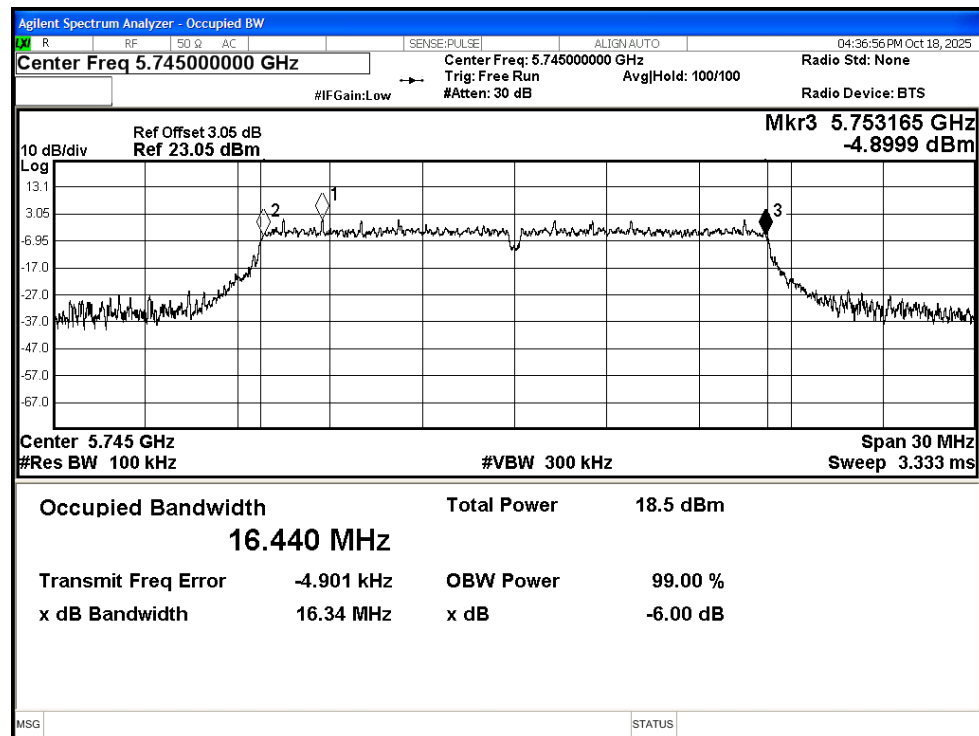
| Environmental Conditions |           |
|--------------------------|-----------|
| Temperature:             | 23.8° C   |
| Relative Humidity:       | 52.1%     |
| ATM Pressure:            | 100.0 kPa |
| Test Engineer:           | Zoey Cao  |
| Supervised by:           | Eric Wang |

## 1. -6dB Bandwidth

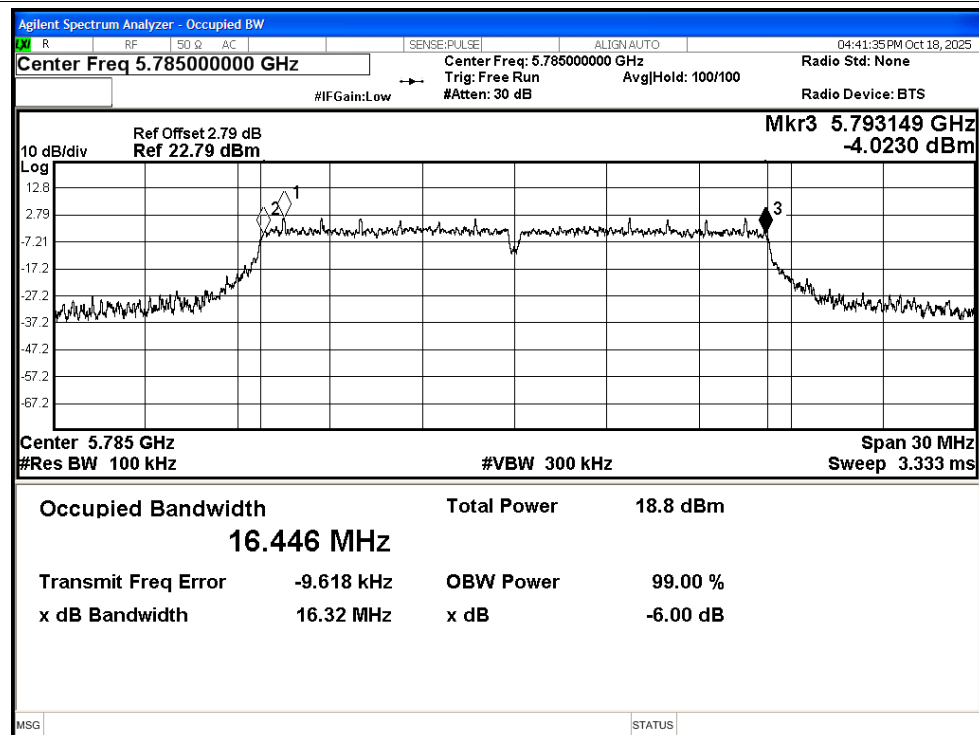
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.34                 | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.318                | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.324                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.409                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.125                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.521                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.301                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.835                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.406                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.261                | $\geq 0.5$                  | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.399                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.281                | $\geq 0.5$                  | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 36.151                | $\geq 0.5$                  | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.335                | $\geq 0.5$                  | Pass    |

## Test Graphs

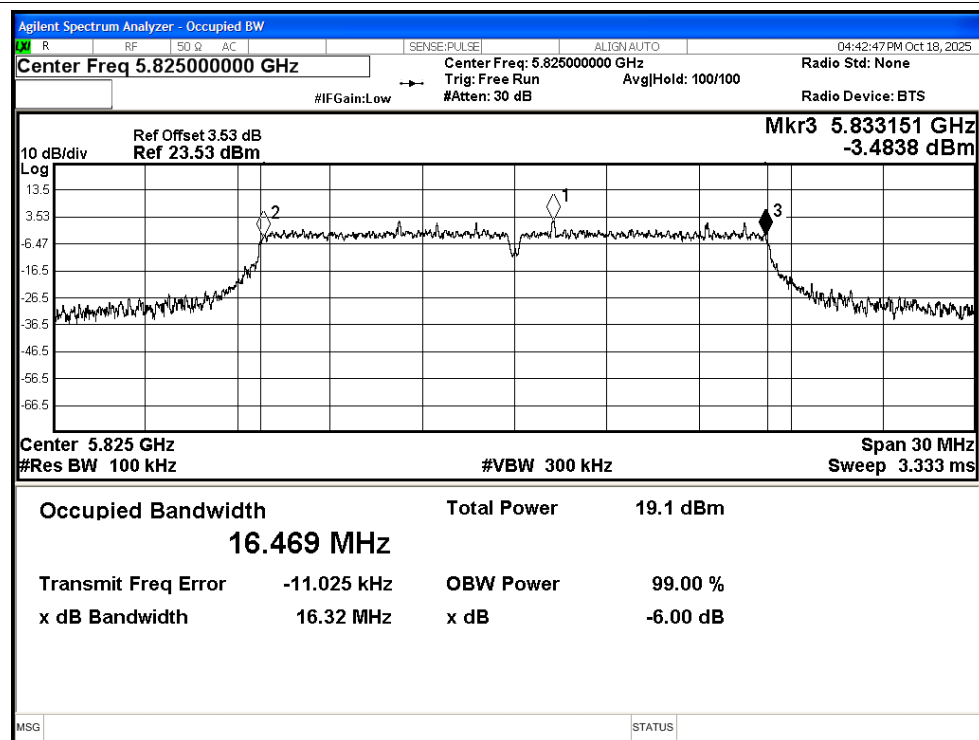
-6dB Bandwidth NVNT a 5745MHz Ant1



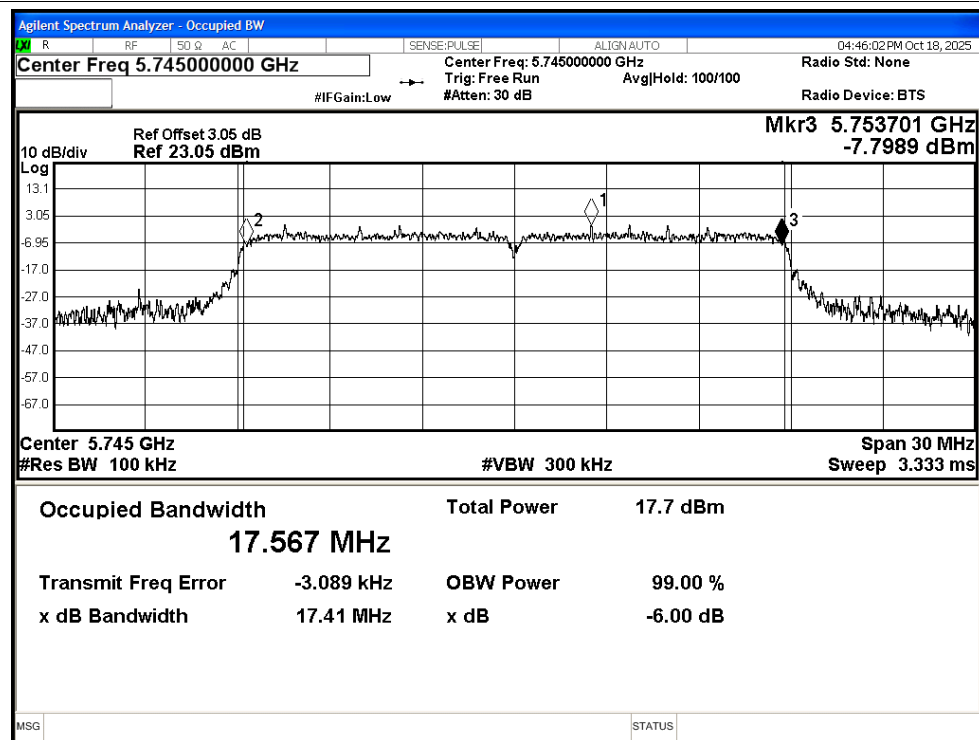
-6dB Bandwidth NVNT a 5785MHz Ant1



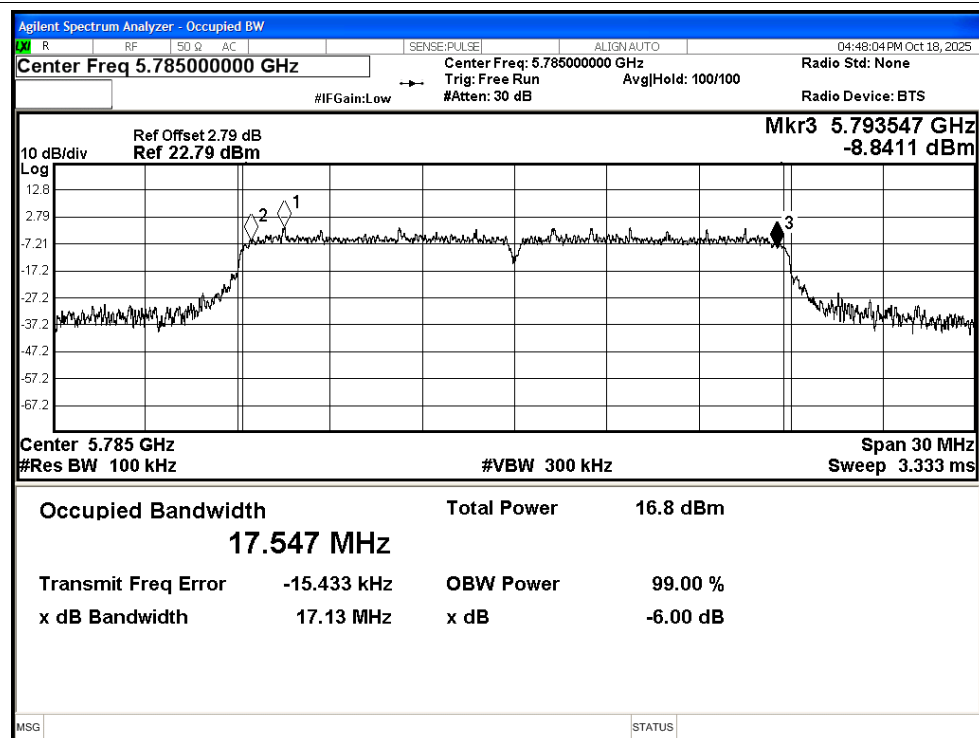
## -6dB Bandwidth NVNT a 5825MHz Ant1



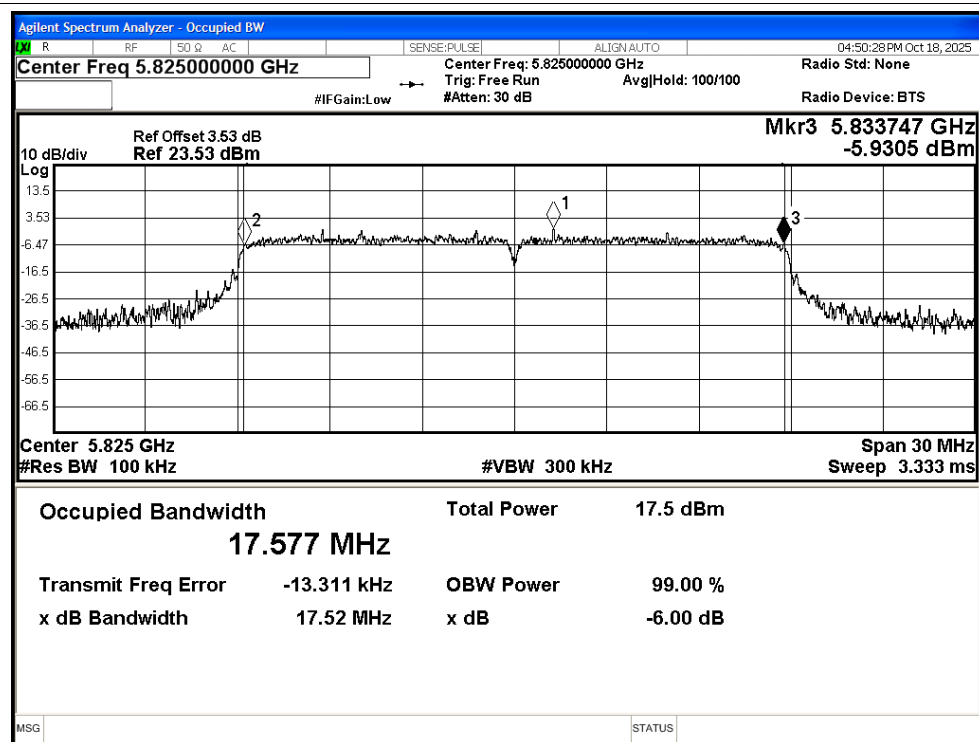
## -6dB Bandwidth NVNT n20 5745MHz Ant1



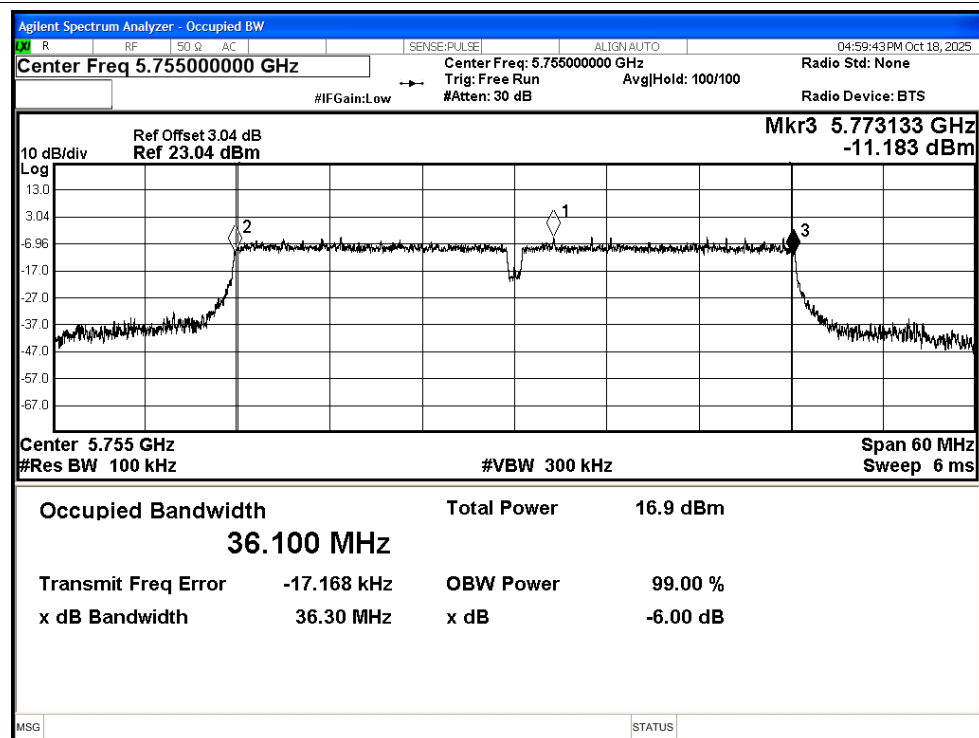
## -6dB Bandwidth NVNT n20 5785MHz Ant1



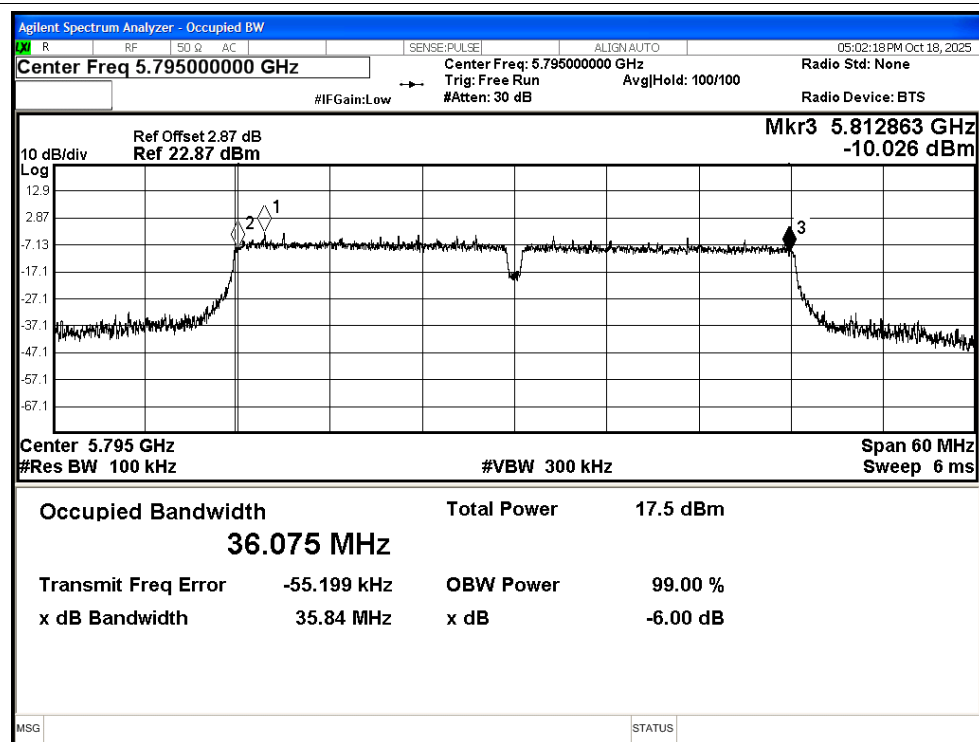
## -6dB Bandwidth NVNT n20 5825MHz Ant1



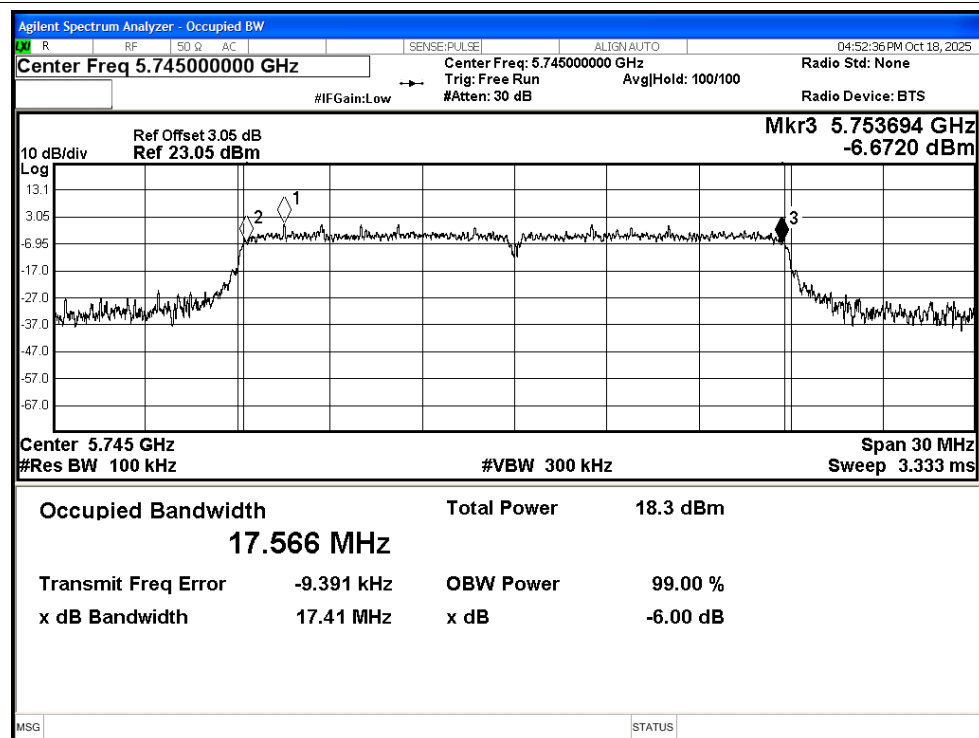
## -6dB Bandwidth NVNT n40 5755MHz Ant1



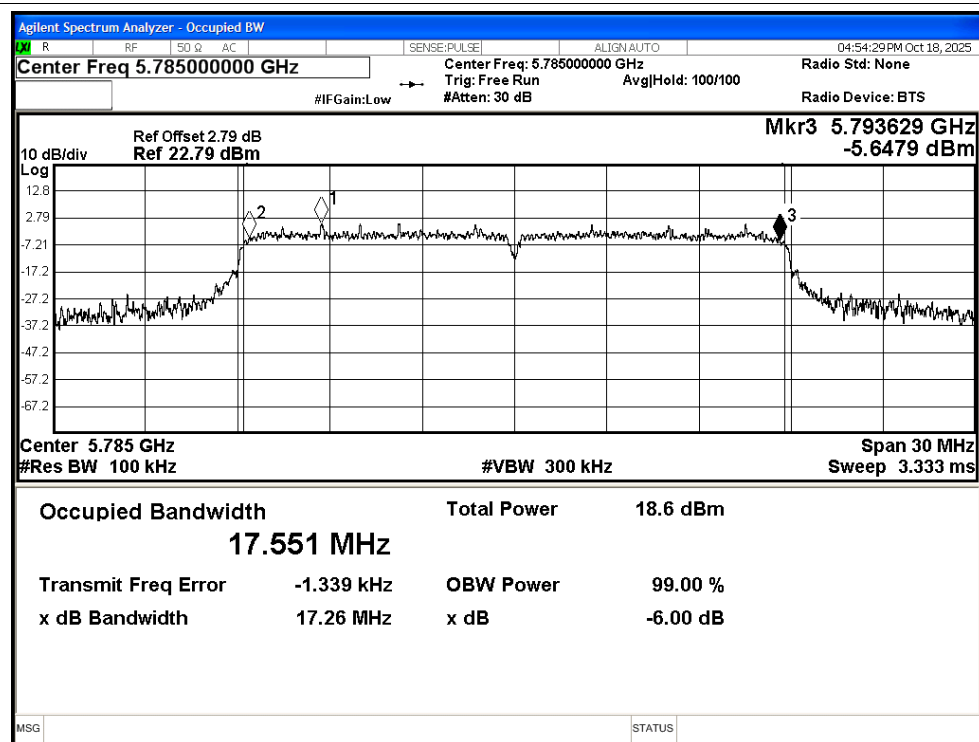
## -6dB Bandwidth NVNT n40 5795MHz Ant1



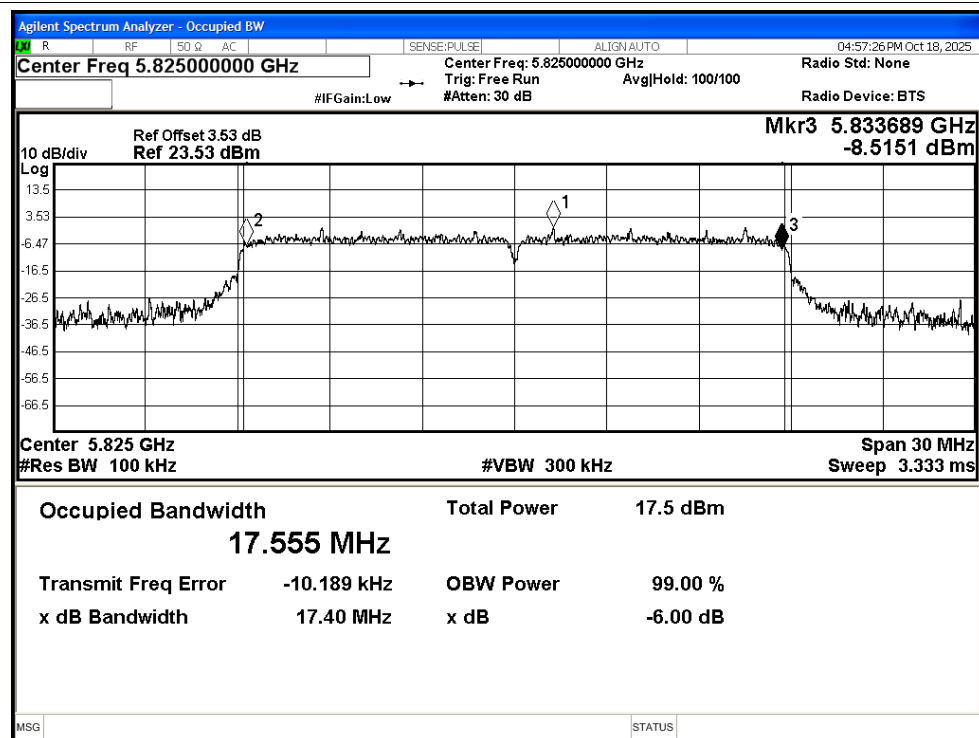
## -6dB Bandwidth NVNT ac20 5745MHz Ant1



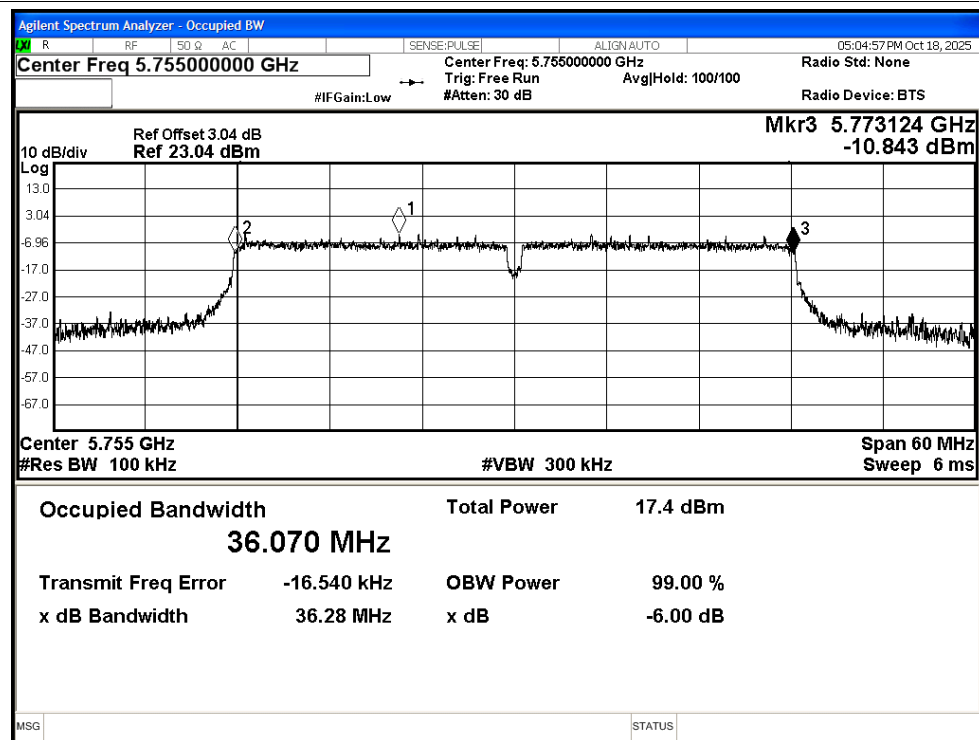
## -6dB Bandwidth NVNT ac20 5785MHz Ant1



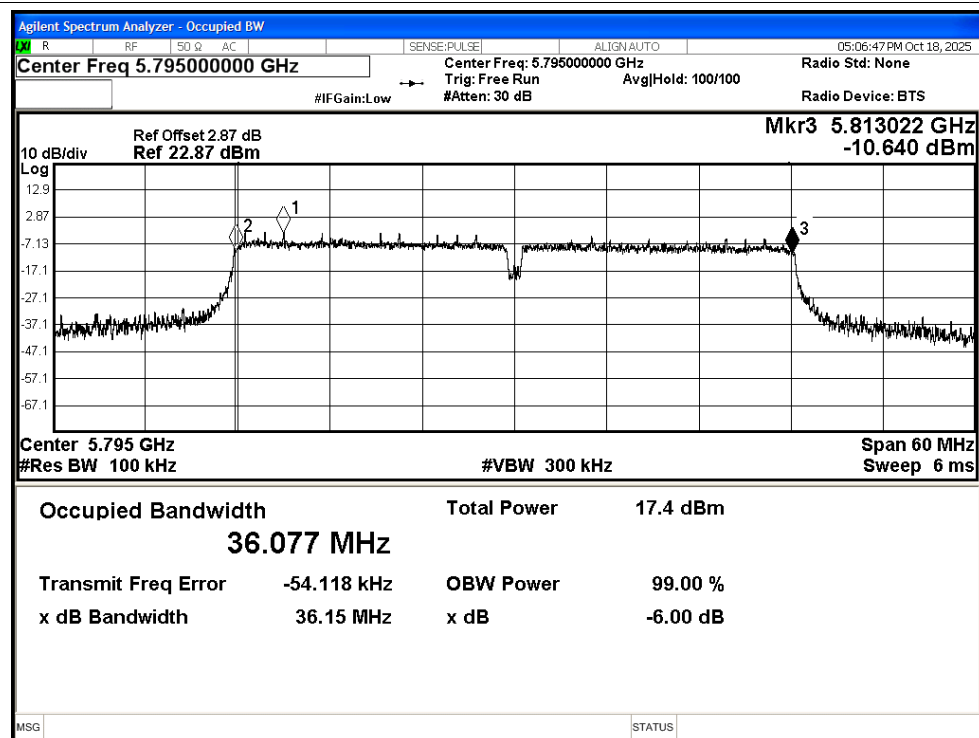
## -6dB Bandwidth NVNT ac20 5825MHz Ant1



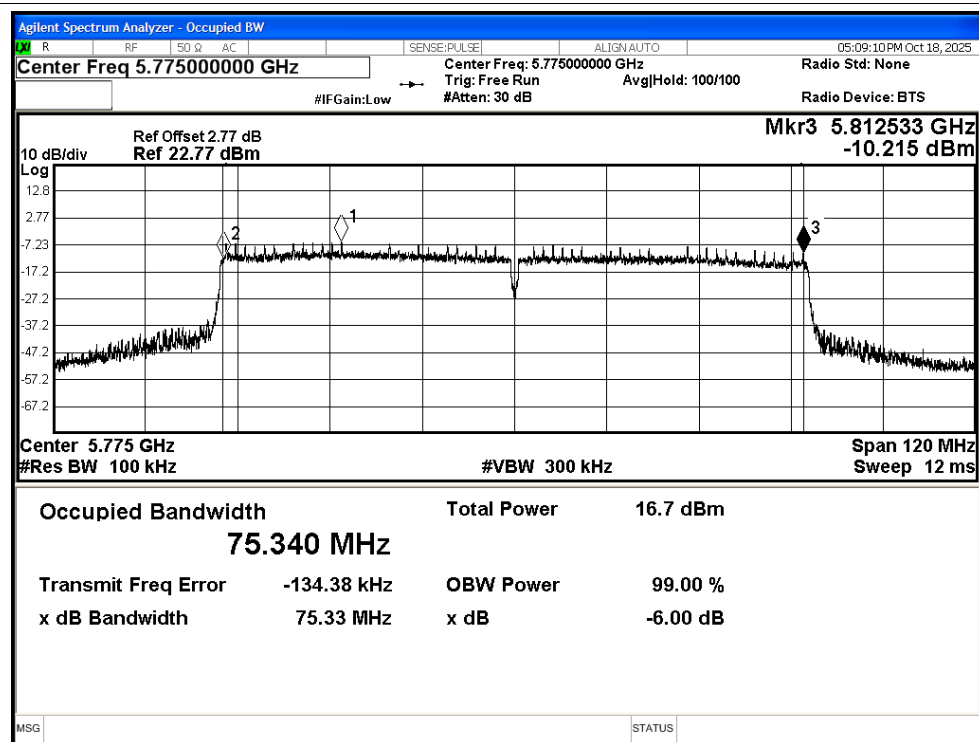
## -6dB Bandwidth NVNT ac40 5755MHz Ant1



## -6dB Bandwidth NVNT ac40 5795MHz Ant1



## -6dB Bandwidth NVNT ac80 5775MHz Ant1



## 2. Maximum Conducted Output Power

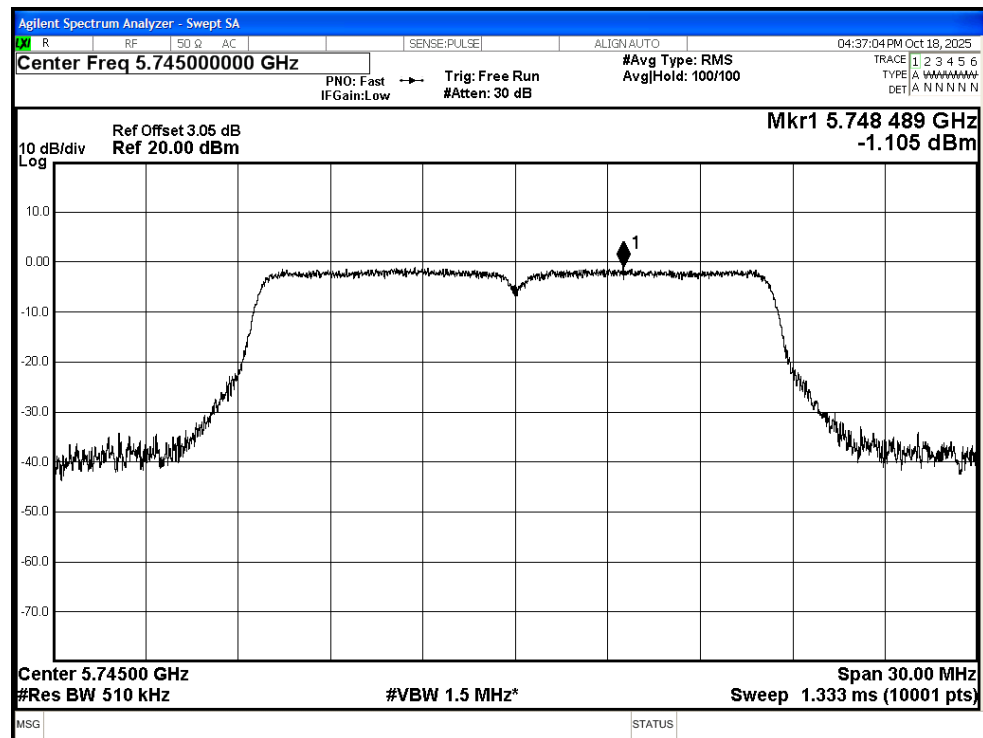
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 12.46                 | 0.24             | 12.7              | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.8                  | 0.24             | 13.04             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 13.16                 | 0.24             | 13.4              | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.28                 | 0.28             | 11.56             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 10.83                 | 0.28             | 11.11             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.13                 | 0.28             | 11.41             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 10.48                 | 0.23             | 10.71             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 10.89                 | 0.24             | 11.13             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 11.9                  | 0.28             | 12.18             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 12.19                 | 0.28             | 12.47             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 11.09                 | 0.28             | 11.37             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.94                 | 0.23             | 11.17             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.43                 | 0.24             | 10.67             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 9.4                   | 0.47             | 9.87              | 30          | Pass    |

### 3. Maximum Power Spectral Density Level

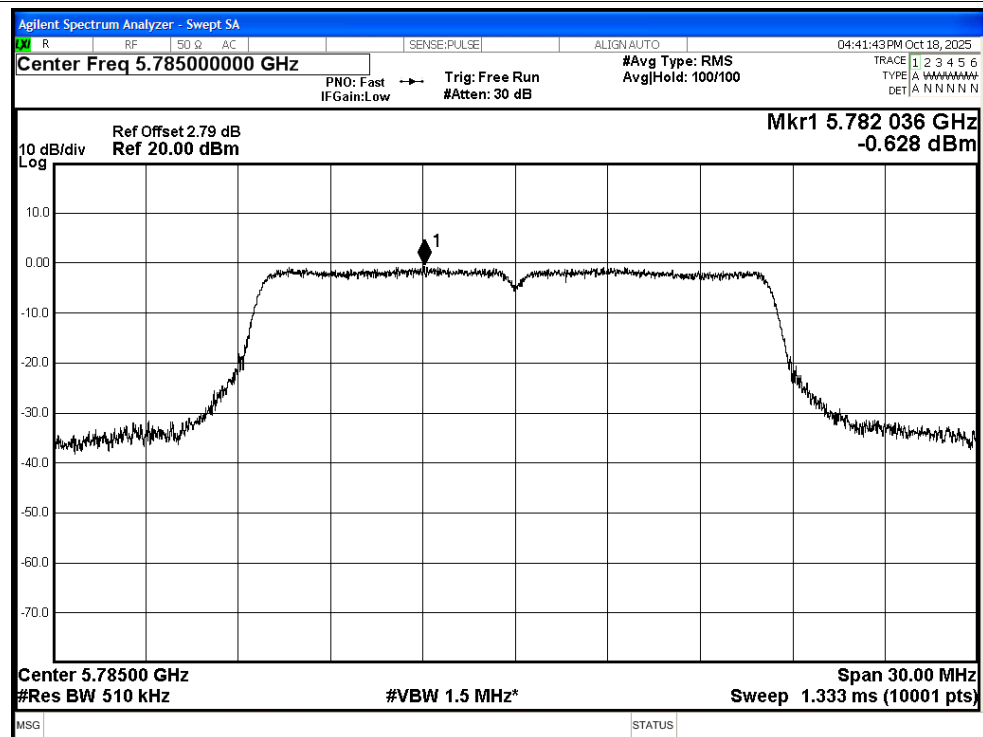
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -1.11                      | 0.24             | -0.87                  | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.63                      | 0.24             | -0.39                  | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant1    | -0.38                      | 0.24             | -0.14                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.4                       | 0.28             | -2.12                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -3.5                       | 0.28             | -3.22                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.63                      | 0.28             | -2.35                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -6.55                      | 0.23             | -6.32                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -5.26                      | 0.24             | -5.02                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -1.78                      | 0.28             | -1.5                   | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -1.62                      | 0.28             | -1.34                  | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -2.43                      | 0.28             | -2.15                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -5.37                      | 0.23             | -5.14                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -5.22                      | 0.24             | -4.98                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -9.42                      | 0.47             | -8.95                  | 30                 | Pass    |

## Test Graphs

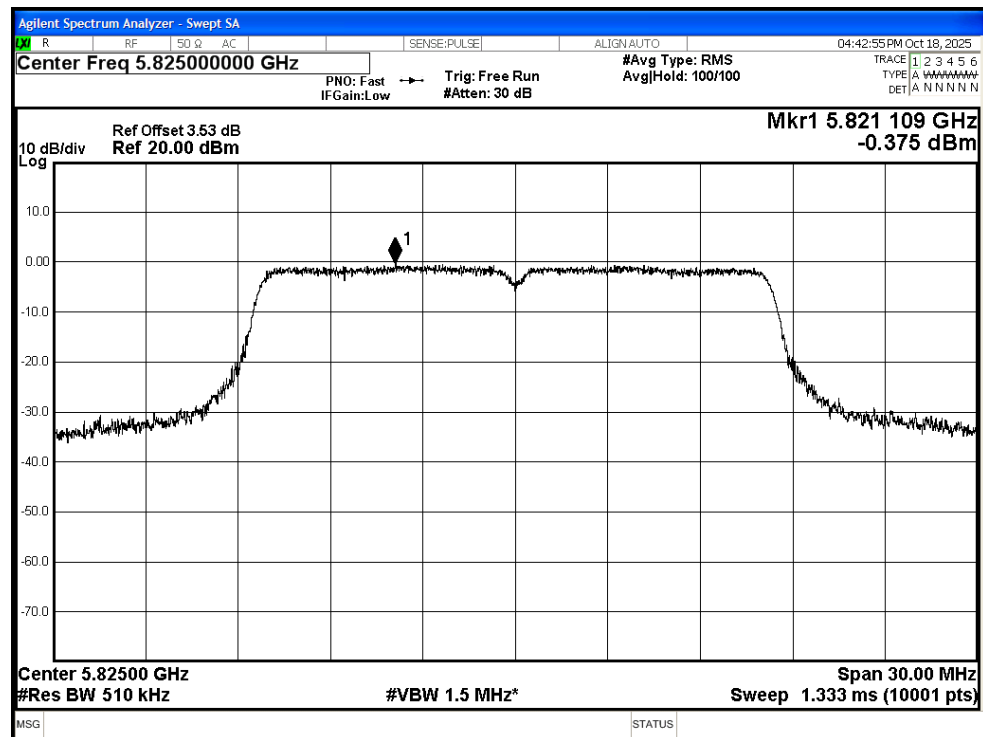
PSD NVNT a 5745MHz Ant1



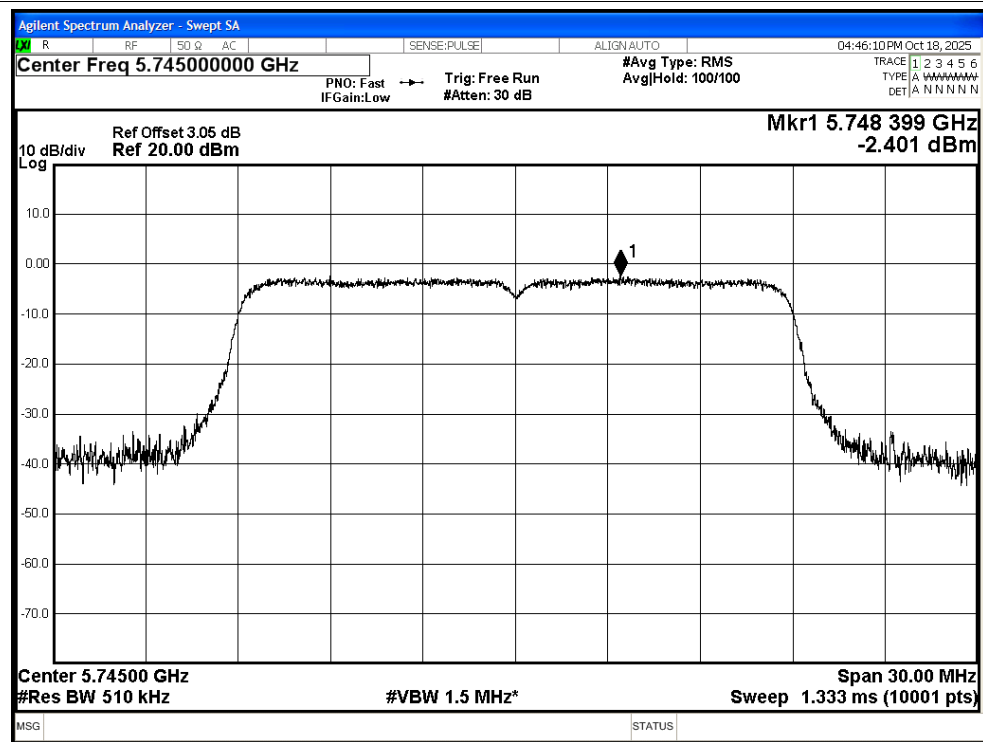
PSD NVNT a 5785MHz Ant1



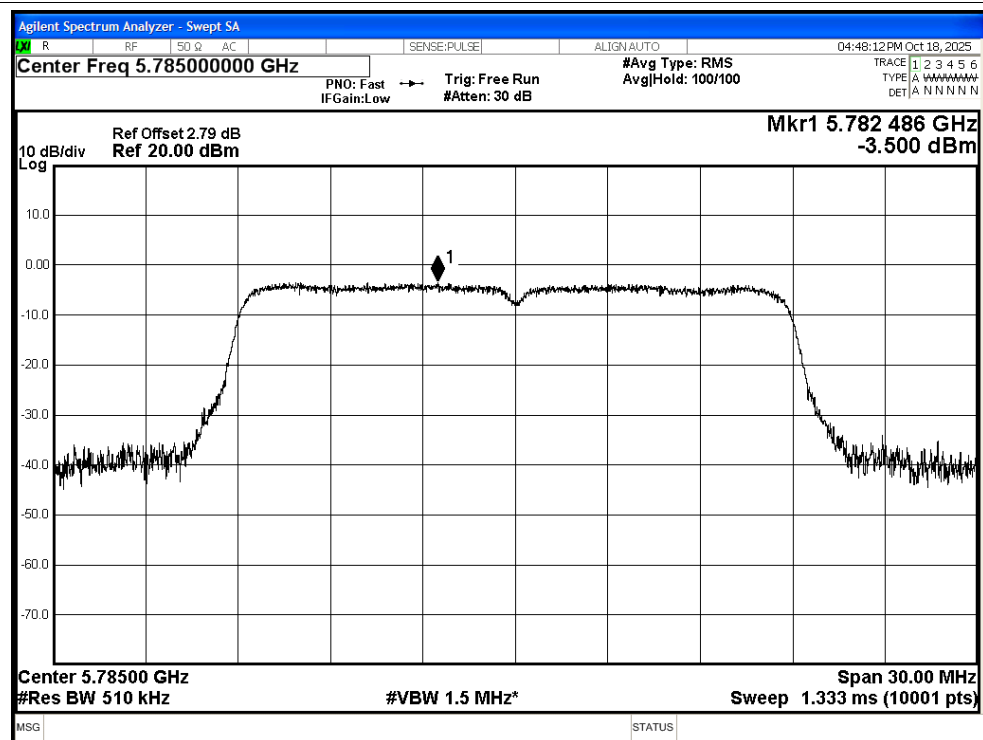
## PSD NVNT a 5825MHz Ant1



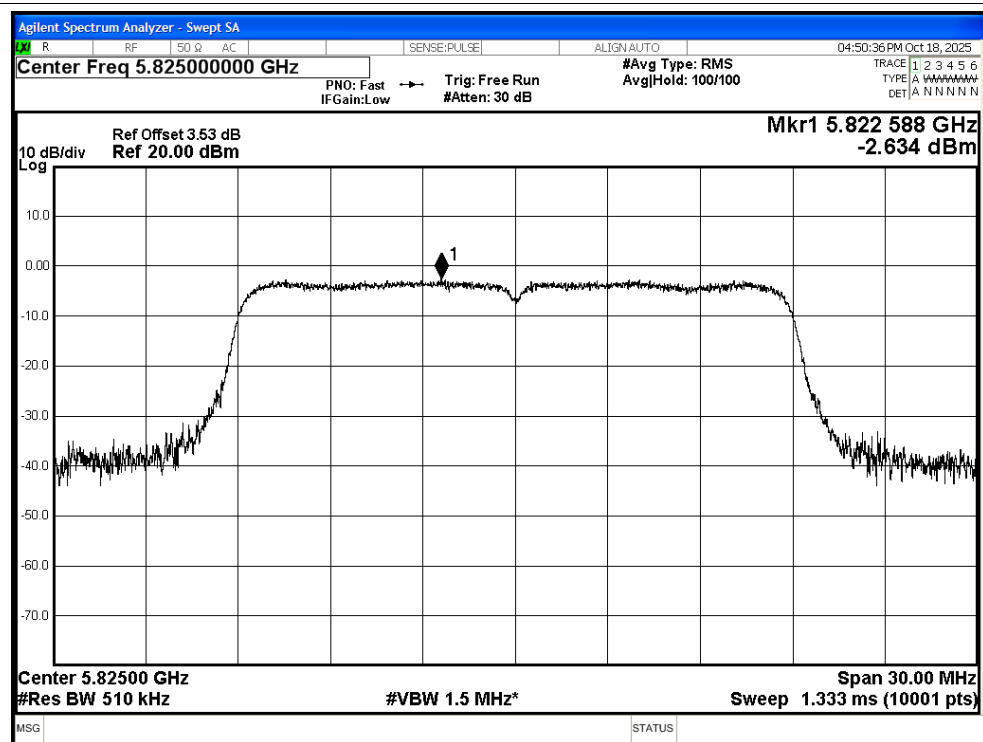
## PSD NVNT n20 5745MHz Ant1



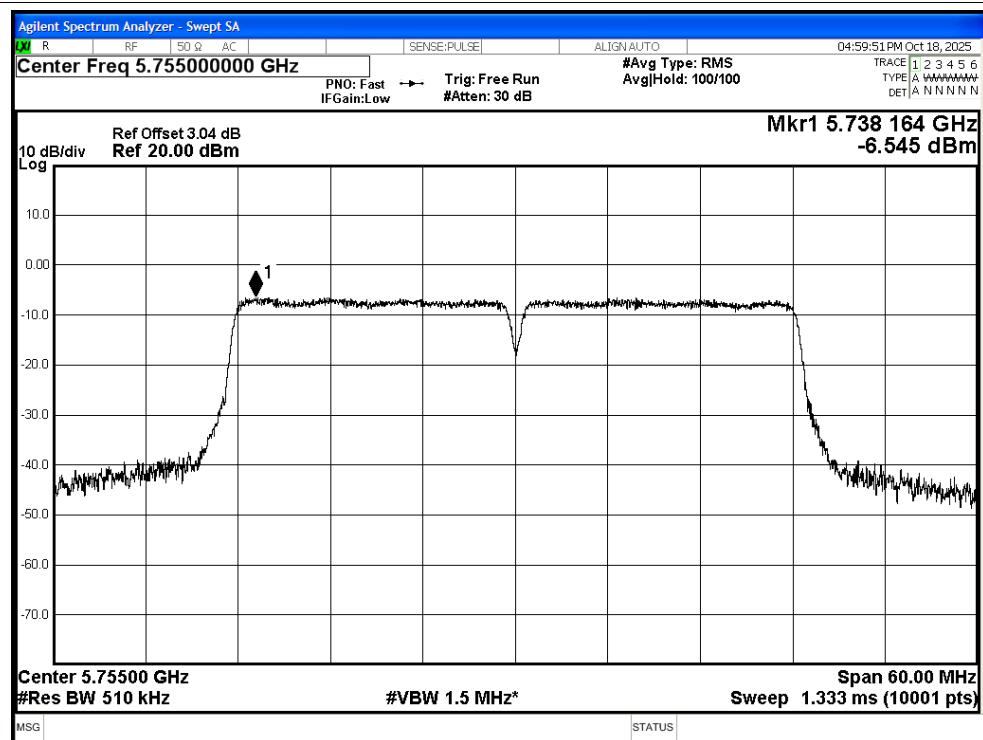
PSD NVNT n20 5785MHz Ant1



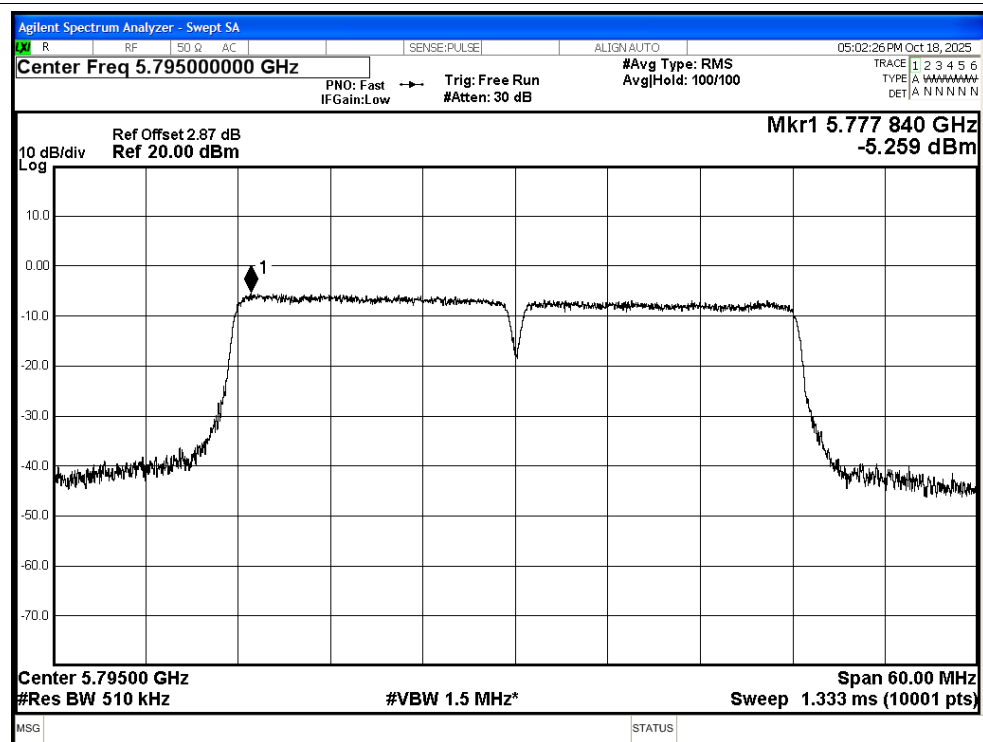
PSD NVNT n20 5825MHz Ant1



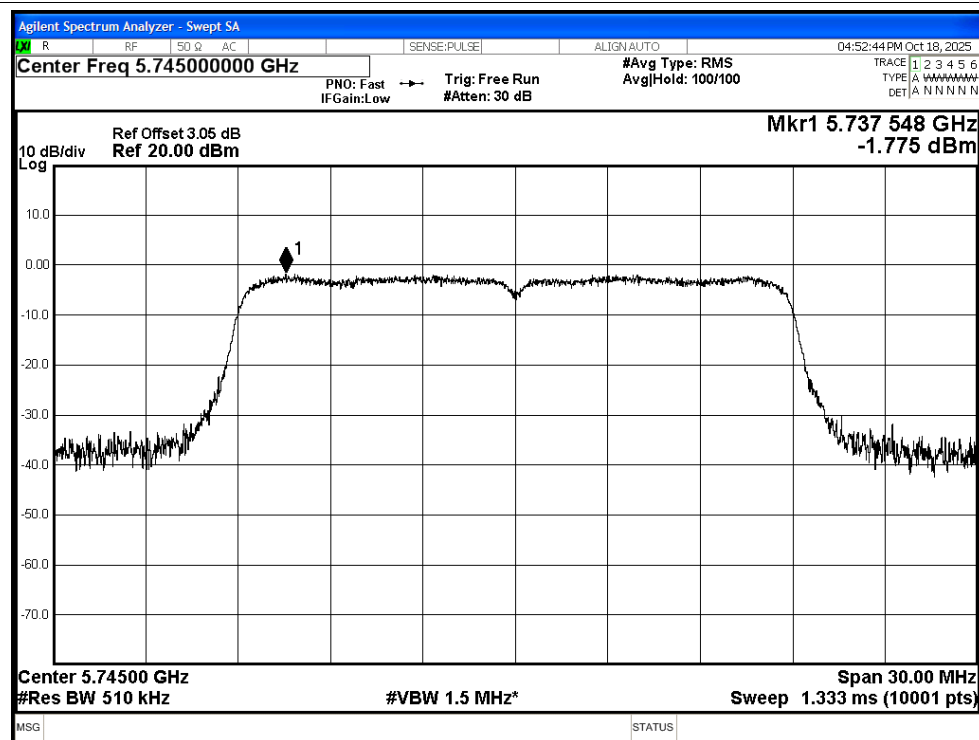
## PSD NVNT n40 5755MHz Ant1



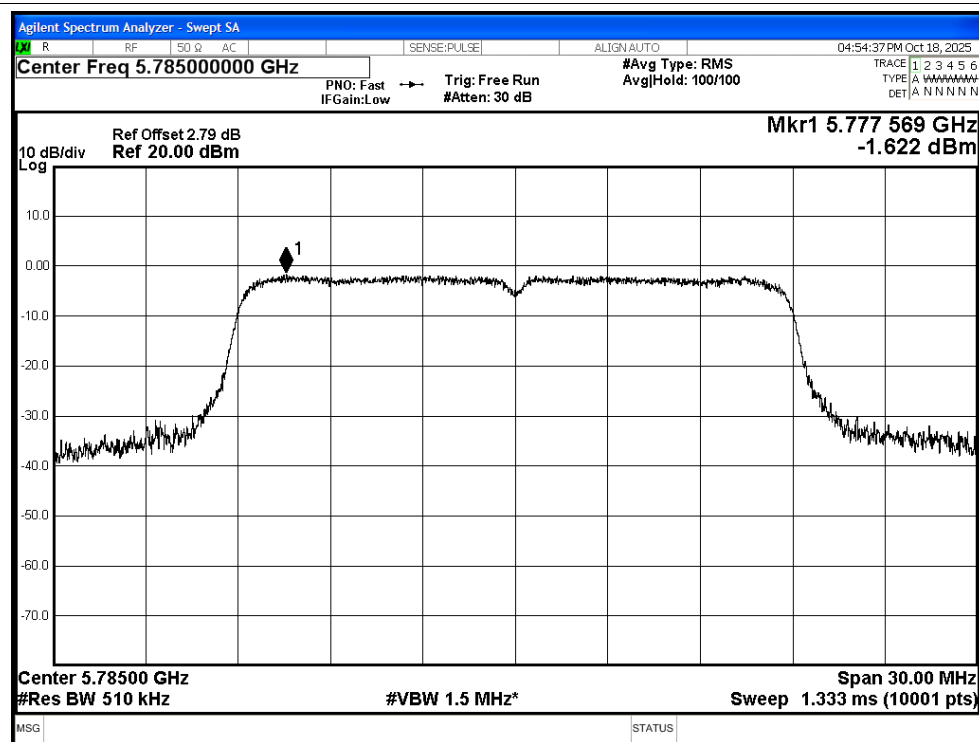
## PSD NVNT n40 5795MHz Ant1



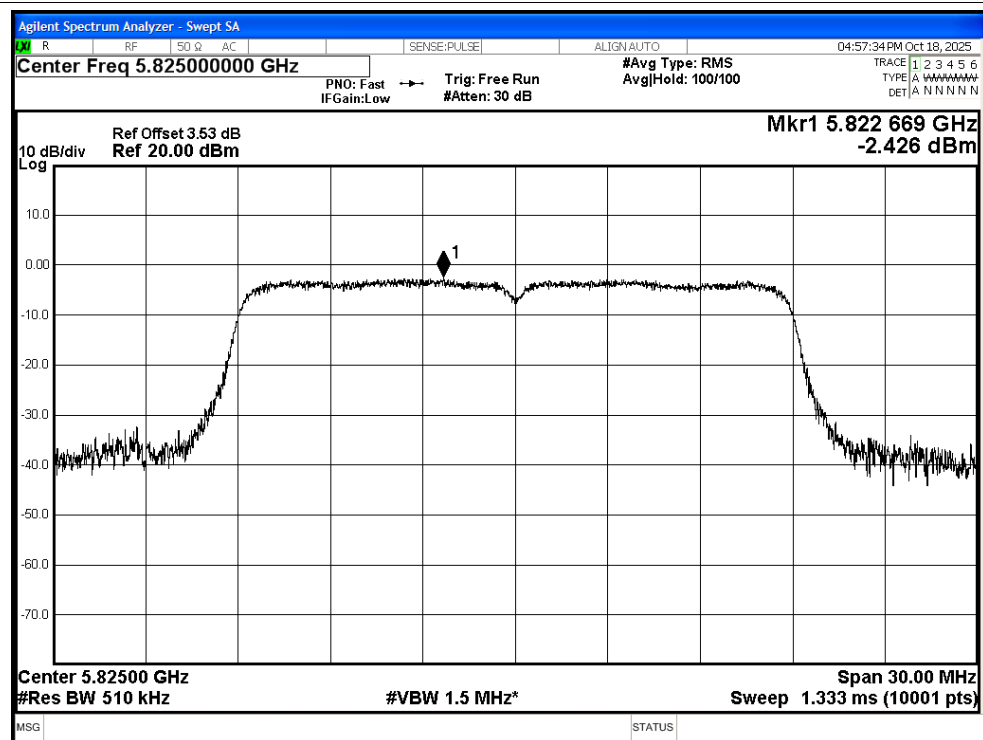
## PSD NVNT ac20 5745MHz Ant1



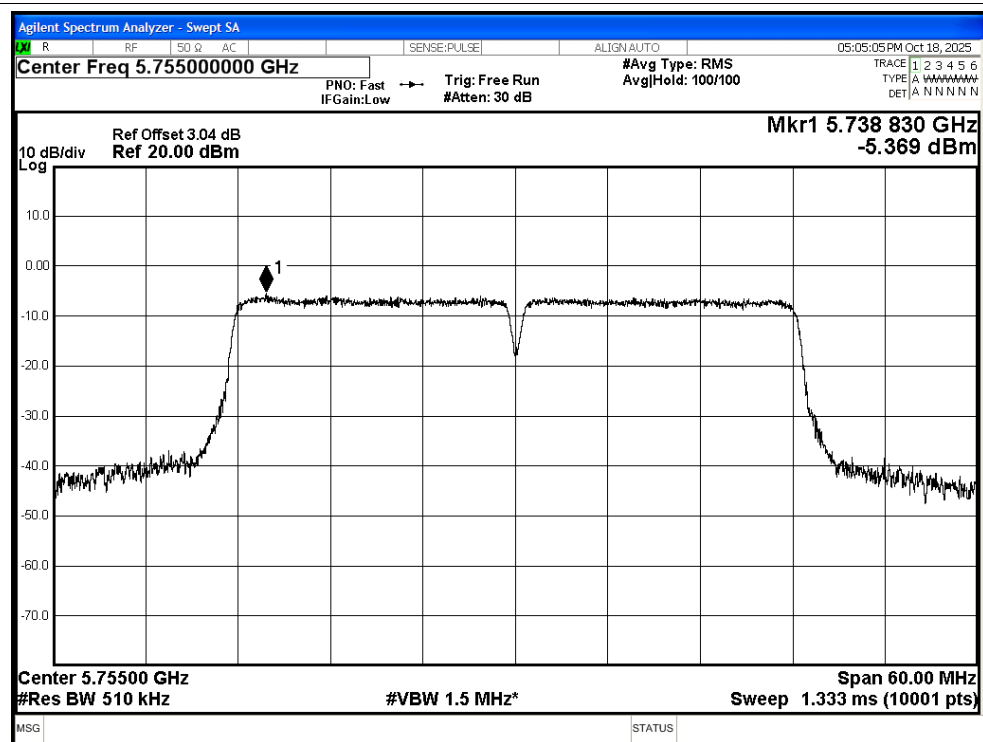
## PSD NVNT ac20 5785MHz Ant1



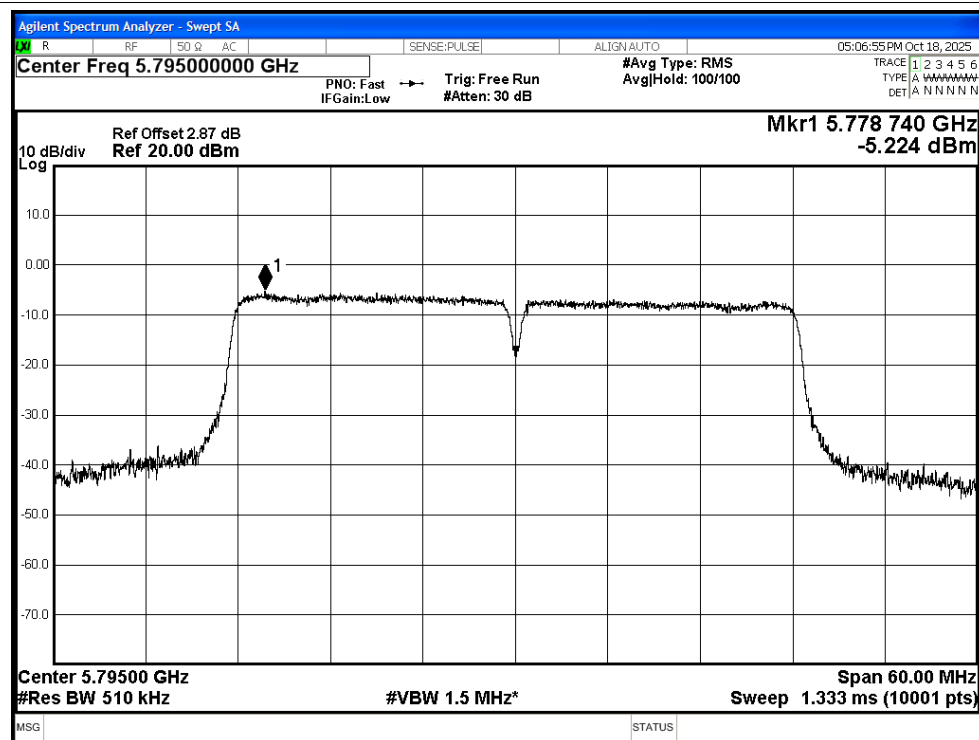
PSD NVNT ac20 5825MHz Ant1



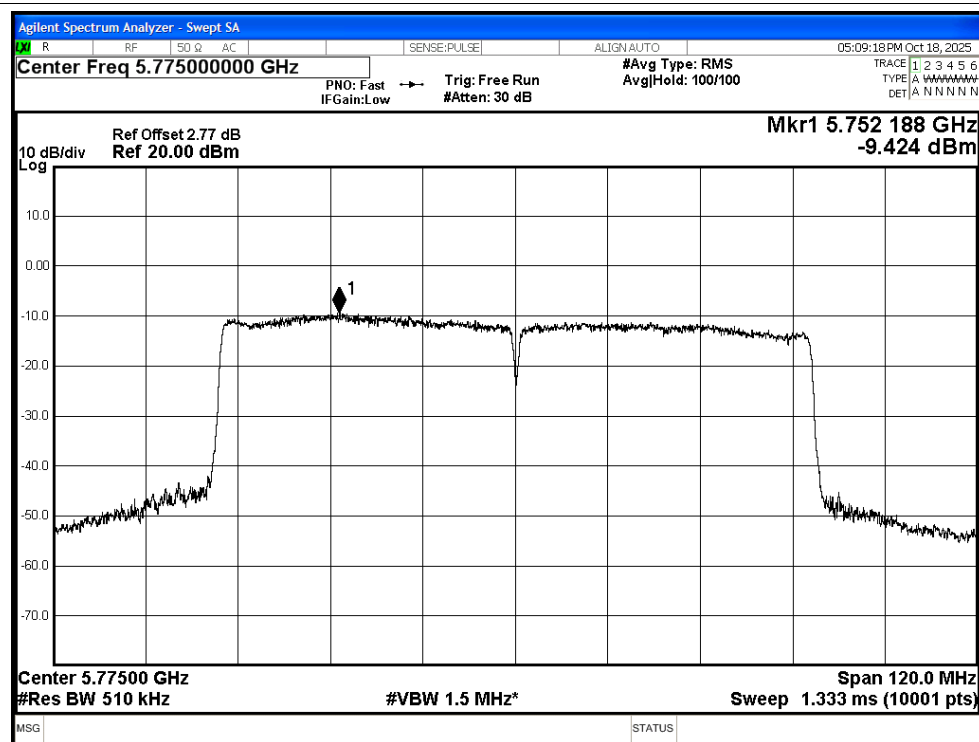
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



## 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            | -49.28      | 3.5        | -                | -45.78           | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -57.4       | 3.5        | 0.24             | -53.66           | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -47.02      | 3.5        | -                | -43.52           | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -54.4       | 3.5        | 0.24             | -50.66           | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -31.36      | 3.5        | -                | -27.86           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -45         | 3.5        | 0.24             | -41.26           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -26.08      | 3.5        | -                | -22.58           | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -40.3       | 3.5        | 0.24             | -36.56           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -37.07      | 3.5        | -                | -33.57           | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -48.86      | 3.5        | 0.24             | -45.12           | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -39.56      | 3.5        | -                | -36.06           | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -53.7       | 3.5        | 0.24             | -49.96           | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -45.12      | 3.5        | -                | -41.62           | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -54.14      | 3.5        | 0.24             | -50.40           | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -46.76      | 3.5        | -                | -43.26           | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -55.51      | 3.5        | 0.24             | -51.77           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -50.43      | 3.5        | -                | -46.93           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -57.28      | 3.5        | 0.28             | -53.50           | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -46.66      | 3.5        | -                | -43.16           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -55.42      | 3.5        | 0.28             | -51.64           | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -28.62      | 3.5        | -                | -25.12           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -45.63      | 3.5        | 0.28             | -41.85           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -26.07      | 3.5        | -                | -22.57           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -42.27      | 3.5        | 0.28             | -38.49           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -31.18      | 3.5        | -                | -27.68           | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -46.91      | 3.5        | 0.28             | -43.13           | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -37.52      | 3.5        | -                | -34.02           | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -50.09      | 3.5        | 0.28             | -46.31           | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -47.82      | 3.5        | -                | -44.32           | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -55.89      | 3.5        | 0.28             | -52.11           | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -48.58      | 3.5        | -                | -45.08           | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -56.46      | 3.5        | 0.28             | -52.68           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -49.06      | 3.5        | -                | -45.56           | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -57.33      | 3.5        | 0.23             | -53.60           | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -44.53      | 3.5        | -                | -41.03           | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -55.2       | 3.5        | 0.23             | -51.47           | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -30.51      | 3.5        | -                | -27.01           | Peak     | 15.6        | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -45.29      | 3.5        | 0.23             | -41.56           | Average  | 15.6        | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5725            | -27.43      | 3.5        | -                | -23.93           | Peak     | 27          | Pass    |

|      |      |      |      |      |        |     |      |        |         |      |      |
|------|------|------|------|------|--------|-----|------|--------|---------|------|------|
| NVNT | n40  | 5755 | Ant1 | 5725 | -41.5  | 3.5 | 0.23 | -37.77 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -48.1  | 3.5 | -    | -44.60 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -56.08 | 3.5 | 0.24 | -52.34 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -47.95 | 3.5 | -    | -44.45 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -56.37 | 3.5 | 0.24 | -52.63 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -50.1  | 3.5 | -    | -46.60 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -57.6  | 3.5 | 0.24 | -53.86 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -49.13 | 3.5 | -    | -45.63 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -57.79 | 3.5 | 0.24 | -54.05 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -50.29 | 3.5 | -    | -46.79 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -56.91 | 3.5 | 0.28 | -53.13 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -44.01 | 3.5 | -    | -40.51 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.46 | 3.5 | 0.28 | -50.68 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -30.93 | 3.5 | -    | -27.43 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -44.21 | 3.5 | 0.28 | -40.43 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -21.19 | 3.5 | -    | -17.69 | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -38.59 | 3.5 | 0.28 | -34.81 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -33.17 | 3.5 | -    | -29.67 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -46.48 | 3.5 | 0.28 | -42.70 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -38.52 | 3.5 | -    | -35.02 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -51.69 | 3.5 | 0.28 | -47.91 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -48.24 | 3.5 | -    | -44.74 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -55.41 | 3.5 | 0.28 | -51.63 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -48.89 | 3.5 | -    | -45.39 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -56.74 | 3.5 | 0.28 | -52.96 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -49.22 | 3.5 | -    | -45.72 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -57.24 | 3.5 | 0.23 | -53.51 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -46.5  | 3.5 | -    | -43.00 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -53.83 | 3.5 | 0.23 | -50.10 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -28.81 | 3.5 | -    | -25.31 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -43.99 | 3.5 | 0.23 | -40.26 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -27.51 | 3.5 | -    | -24.01 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -41.76 | 3.5 | 0.23 | -38.03 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -45.2  | 3.5 | -    | -41.70 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -55.76 | 3.5 | 0.24 | -52.02 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -48.67 | 3.5 | -    | -45.17 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -56.36 | 3.5 | 0.24 | -52.62 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -49.25 | 3.5 | -    | -45.75 | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -57.71 | 3.5 | 0.24 | -53.97 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -49.84 | 3.5 | -    | -46.34 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -58.09 | 3.5 | 0.24 | -54.35 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -47.75 | 3.5 | -    | -44.25 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -56.5  | 3.5 | 0.47 | -52.53 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -39.48 | 3.5 | -    | -35.98 | Peak    | 10   | Pass |

|      |      |      |      |      |        |     |      |        |         |      |      |
|------|------|------|------|------|--------|-----|------|--------|---------|------|------|
| NVNT | ac80 | 5775 | Ant1 | 5700 | -51.98 | 3.5 | 0.47 | -48.01 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -33.66 | 3.5 | -    | -30.16 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -48.43 | 3.5 | 0.47 | -44.46 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -35.18 | 3.5 | -    | -31.68 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -47.86 | 3.5 | 0.47 | -43.89 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -42.82 | 3.5 | -    | -39.32 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -51.01 | 3.5 | 0.47 | -47.04 | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -41.26 | 3.5 | -    | -37.76 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -52.05 | 3.5 | 0.47 | -48.08 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -46.51 | 3.5 | -    | -43.01 | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -55.99 | 3.5 | 0.47 | -52.02 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -49.89 | 3.5 | -    | -46.39 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -57.17 | 3.5 | 0.47 | -53.20 | Average | -27  | Pass |







[illegible][illegible]

















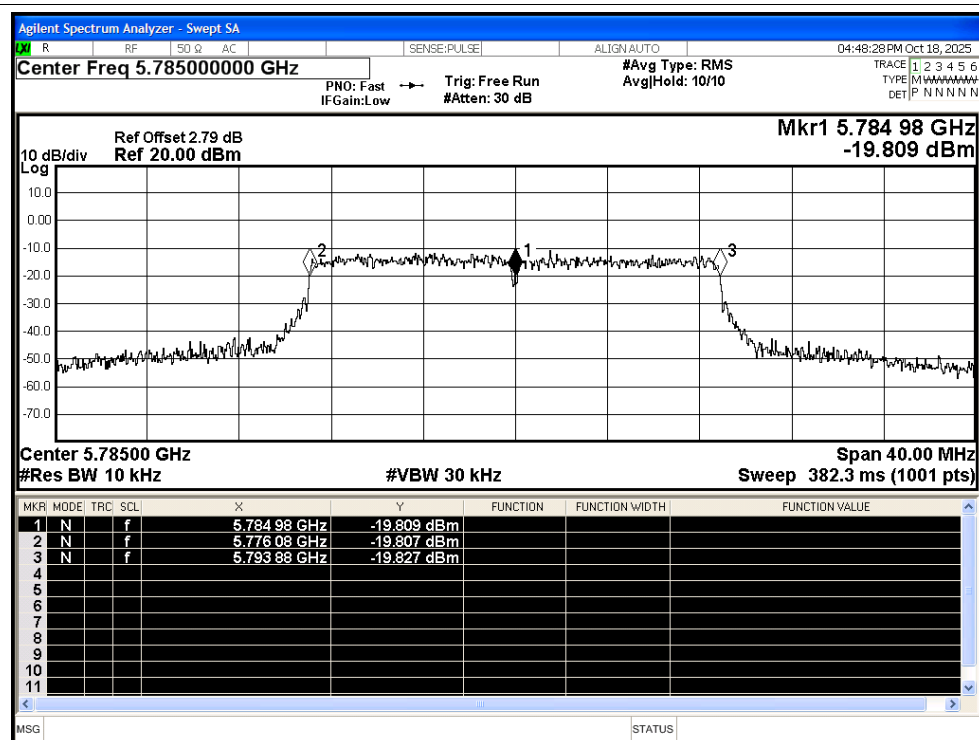
## 5. Frequency Stability

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | 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    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5755                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 5794.96                  | -40000               | -6.9            | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 5744.96                  | -40000               | -6.96           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.96                  | -40000               | -6.87           | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5754.96                  | -40000               | -6.95           | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5794.92                  | -80000               | -13.81          | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5774.92                  | -80000               | -13.85          | 25          | Pass    |

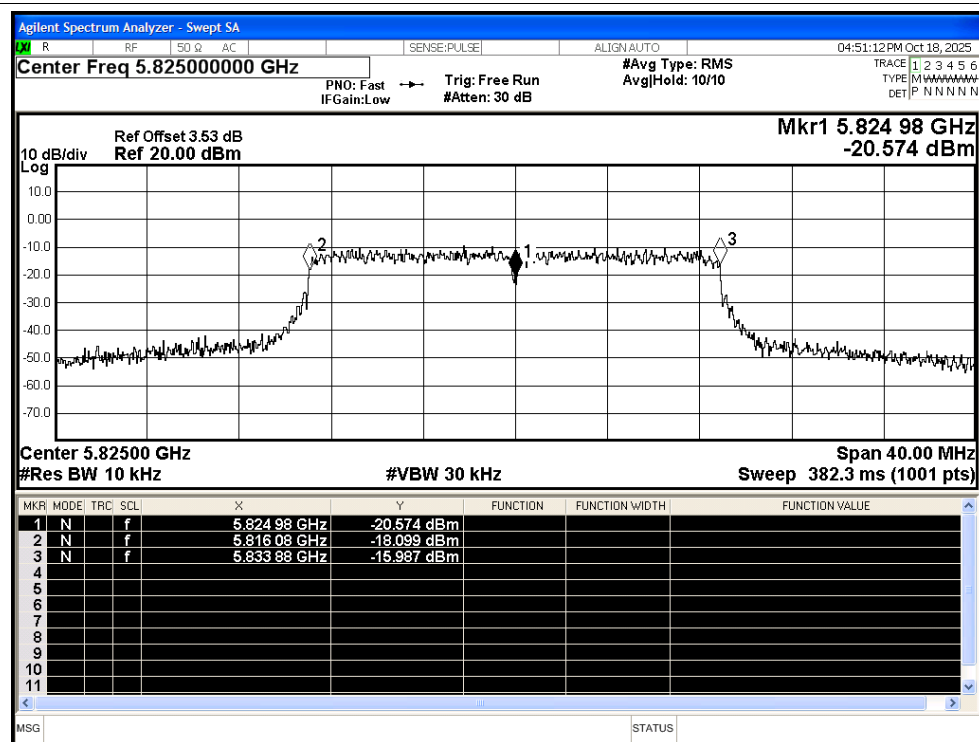




Freq. Stability NVNT n20 5785MHz Ant1



Freq. Stability NVNT n20 5825MHz Ant1







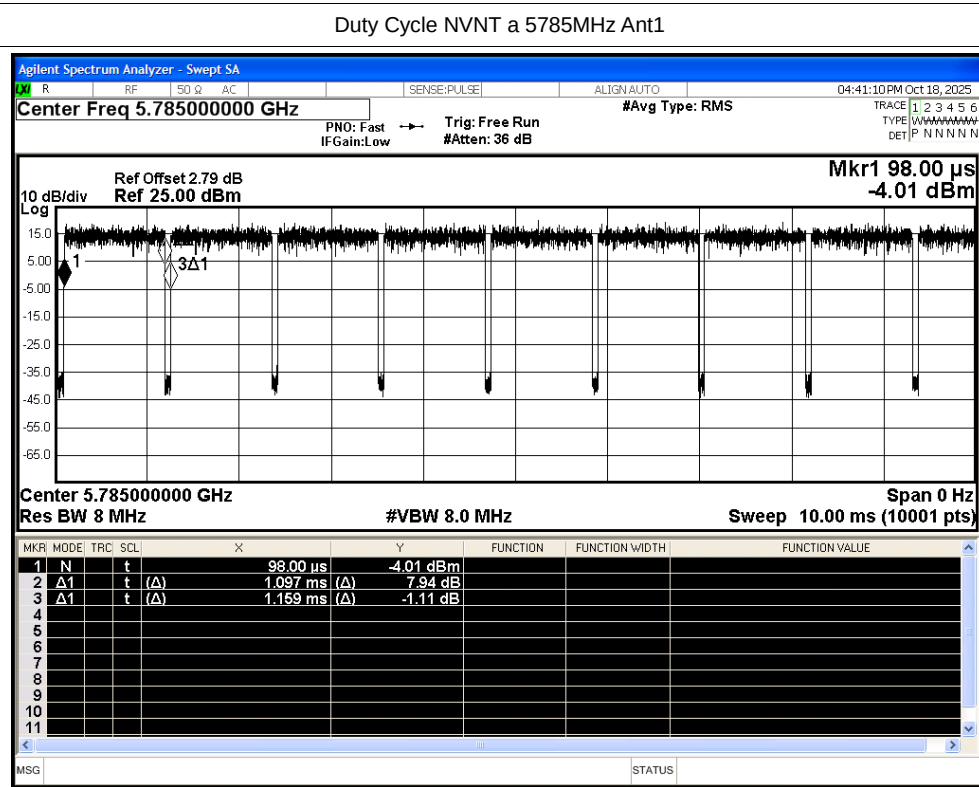




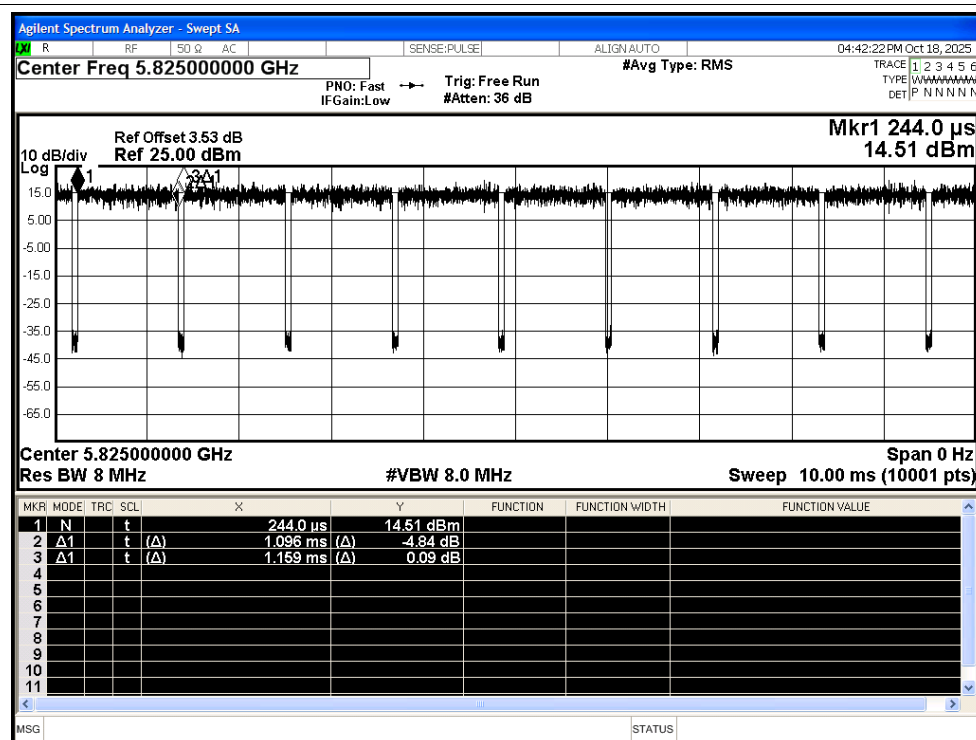
## 6. Duty Cycle

| 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    | 94.65          | 0.24                   | 0.91      |
| NVNT      | a    | 5825            | Ant1    | 94.56          | 0.24                   | 0.91      |
| NVNT      | n20  | 5745            | Ant1    | 93.77          | 0.28                   | 1.07      |
| NVNT      | n20  | 5785            | Ant1    | 93.77          | 0.28                   | 1.07      |
| NVNT      | n20  | 5825            | Ant1    | 93.77          | 0.28                   | 1.07      |
| NVNT      | n40  | 5755            | Ant1    | 94.79          | 0.23                   | 0.9       |
| NVNT      | n40  | 5795            | Ant1    | 94.71          | 0.24                   | 0.9       |
| NVNT      | ac20 | 5745            | Ant1    | 93.82          | 0.28                   | 1.06      |
| NVNT      | ac20 | 5785            | Ant1    | 93.72          | 0.28                   | 1.06      |
| NVNT      | ac20 | 5825            | Ant1    | 93.72          | 0.28                   | 1.06      |
| NVNT      | ac40 | 5755            | Ant1    | 94.81          | 0.23                   | 0.9       |
| NVNT      | ac40 | 5795            | Ant1    | 94.72          | 0.24                   | 0.9       |
| NVNT      | ac80 | 5775            | Ant1    | 89.65          | 0.47                   | 1.86      |

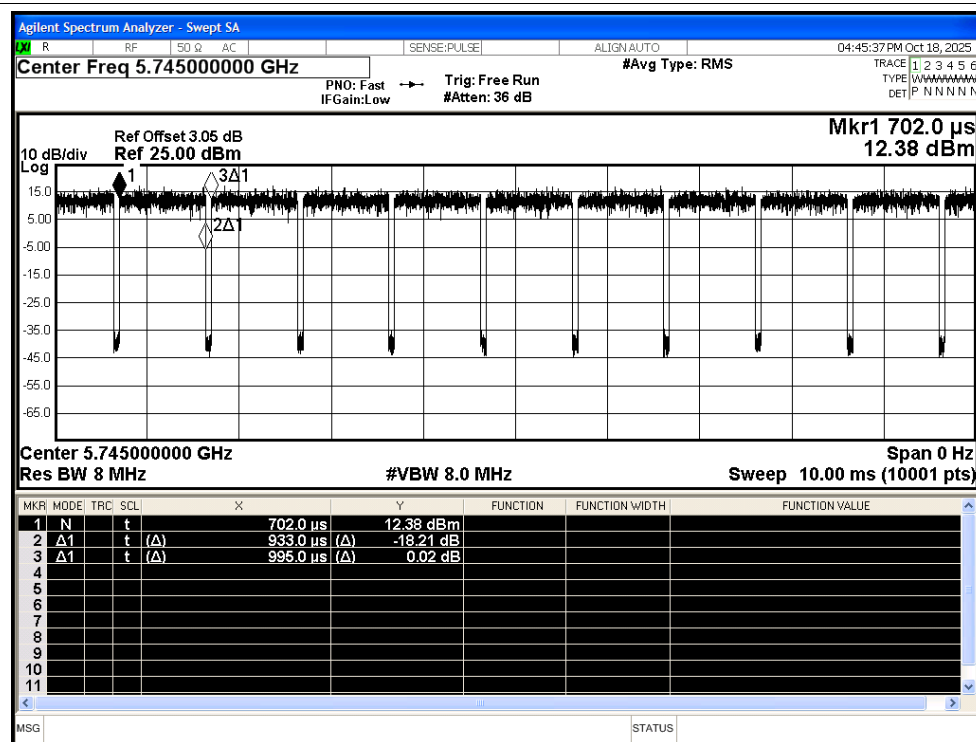
## Duty Cycle NVNT a 5745MHz Ant1



## Duty Cycle NVNT a 5825MHz Ant1



## Duty Cycle NVNT n20 5745MHz Ant1



[illegible][illegible]



## Duty Cycle NVNT ac20 5785MHz Ant1

