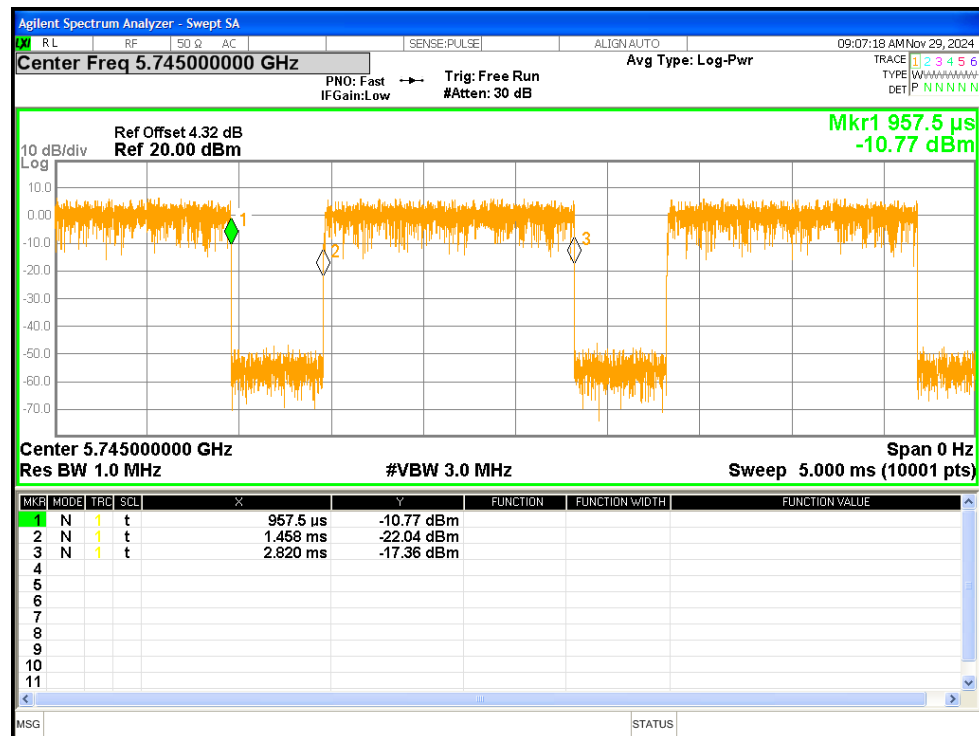


# 1. Duty Cycle

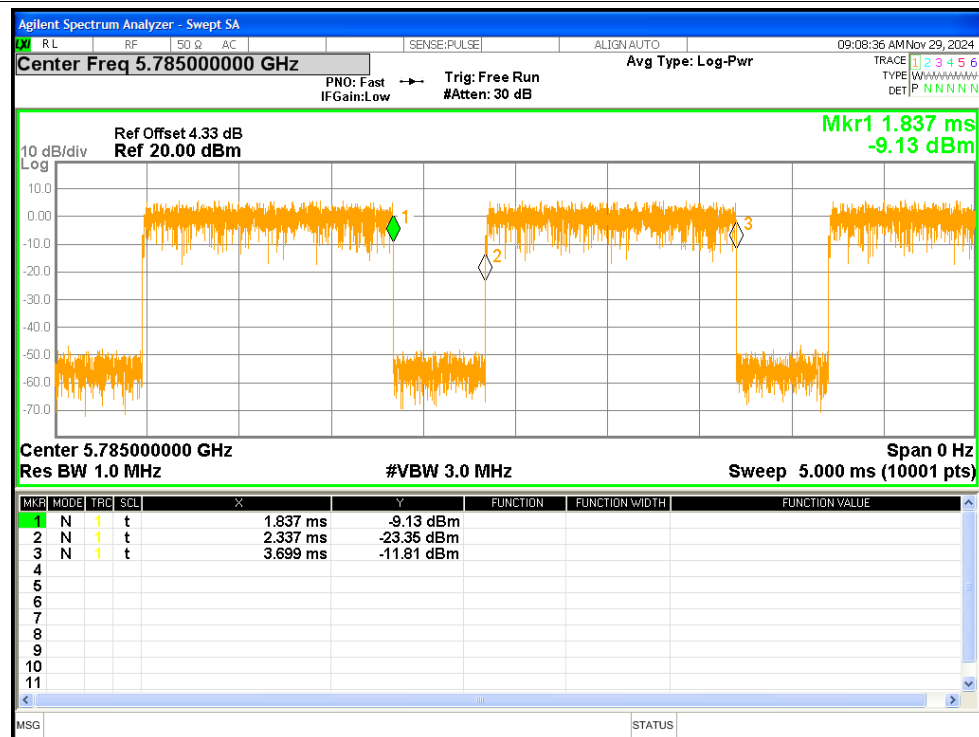
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 73.13          | 1.36                   | 0.73      |
| NVNT      | a    | 5785            | Ant1    | 73.13          | 1.36                   | 0.73      |
| NVNT      | a    | 5825            | Ant1    | 73.13          | 1.36                   | 0.73      |
| NVNT      | a    | 5745            | Ant2    | 73.09          | 1.36                   | 0.73      |
| NVNT      | a    | 5785            | Ant2    | 73.13          | 1.36                   | 0.73      |
| NVNT      | a    | 5825            | Ant2    | 73.15          | 1.36                   | 0.73      |
| NVNT      | n20  | 5745            | Sum     | 71.79          | 1.44                   | 0.78      |
| NVNT      | n20  | 5785            | Sum     | 71.79          | 1.44                   | 0.78      |
| NVNT      | n20  | 5825            | Sum     | 71.77          | 1.44                   | 0.79      |
| NVNT      | n40  | 5755            | Sum     | 55.91          | 2.53                   | 1.58      |
| NVNT      | n40  | 5795            | Sum     | 55.93          | 2.52                   | 1.58      |

## Test Graphs

## Duty Cycle NVNT a 5745MHz Ant1

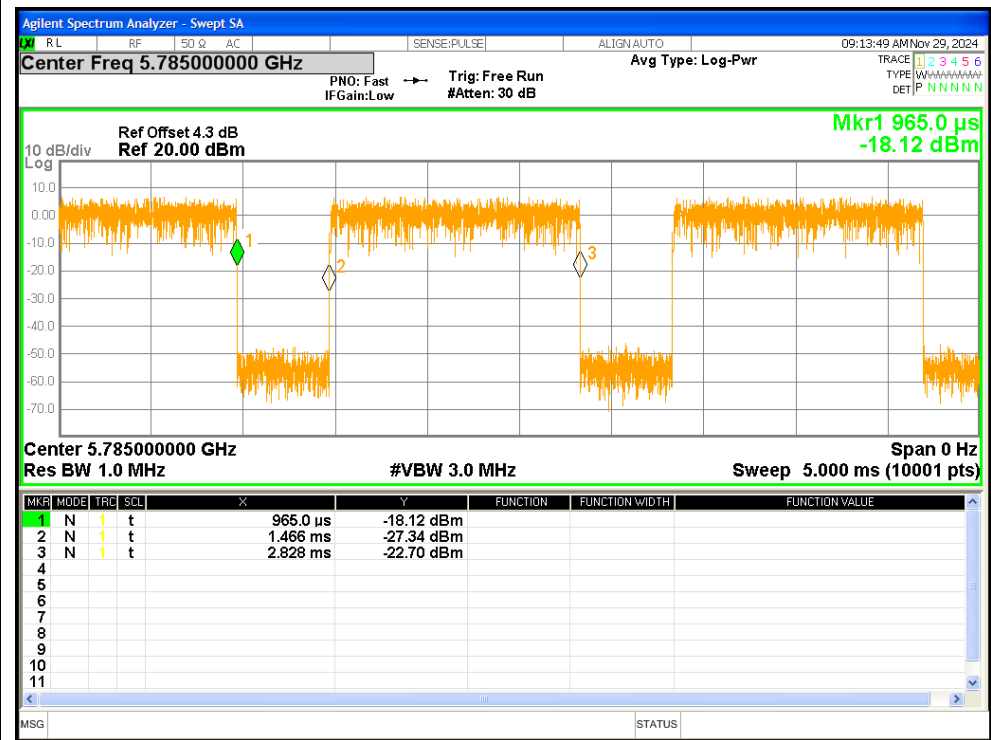


## Duty Cycle NVNT a 5785MHz Ant1

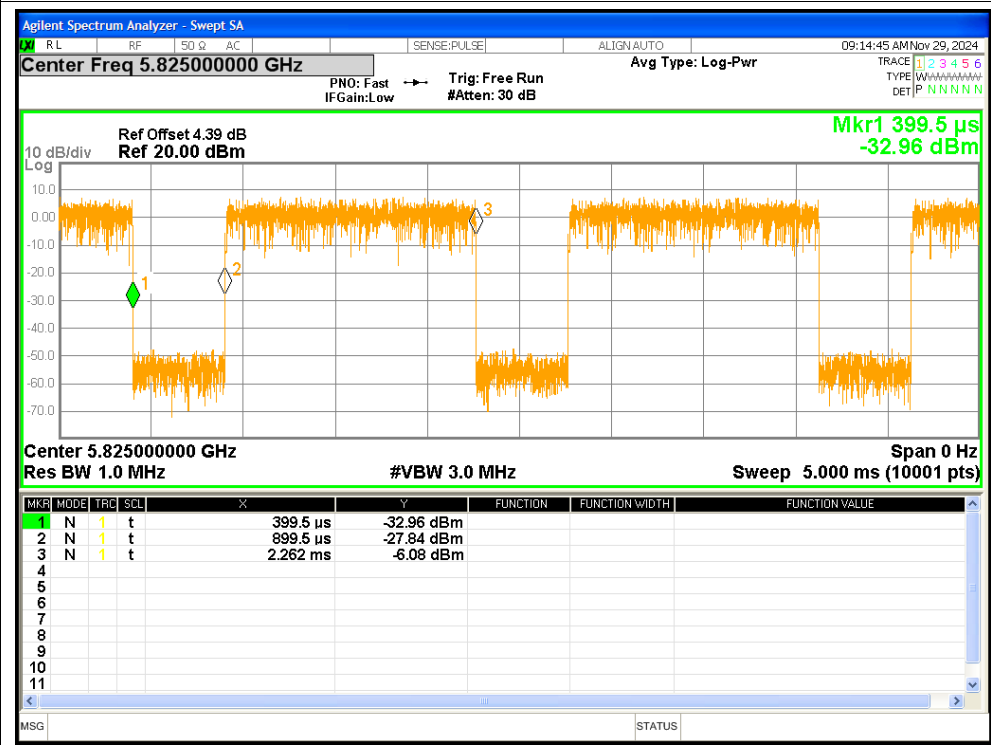


Duty Cycle NVNT a 5825MHz Ant1

Duty Cycle NVNT a 5785MHz Ant2

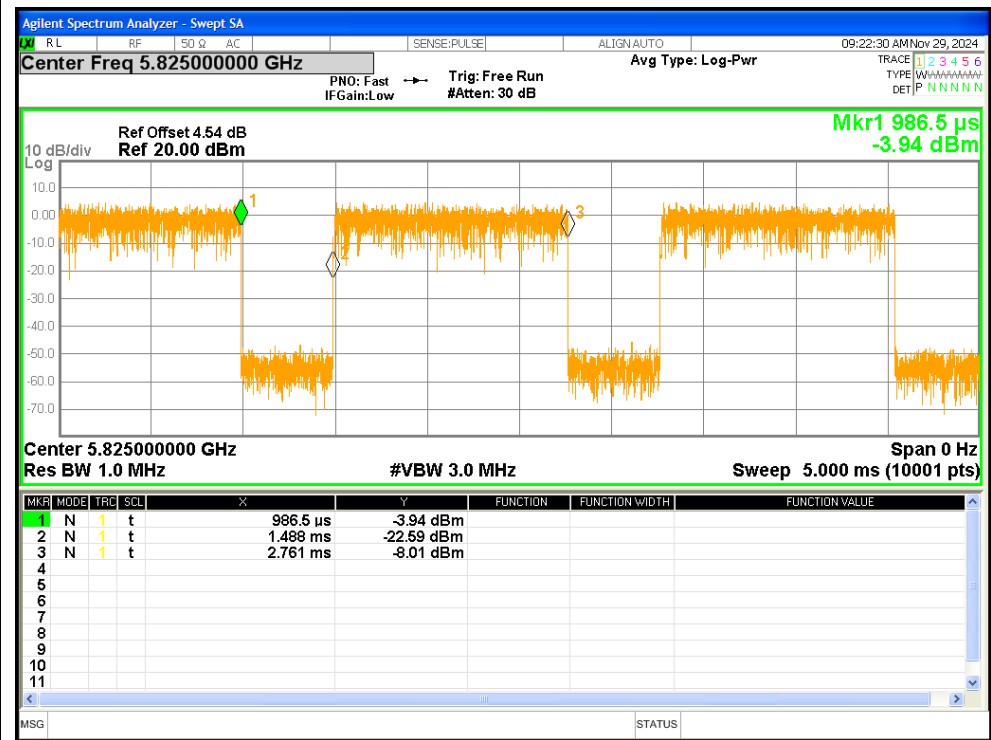


Duty Cycle NVNT a 5825MHz Ant2

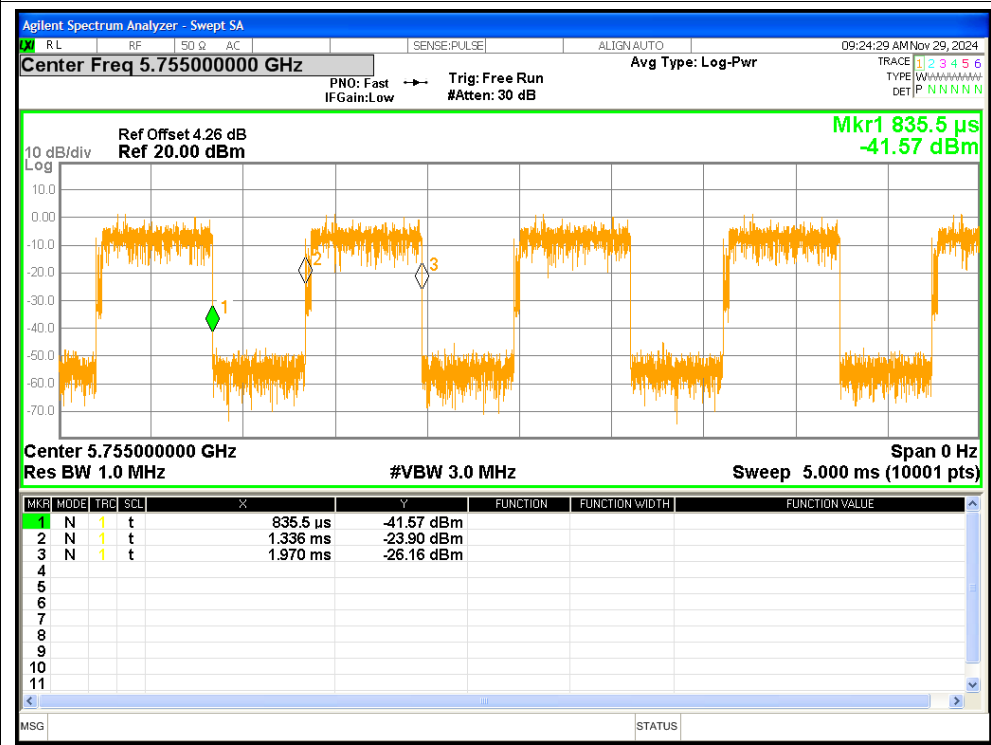


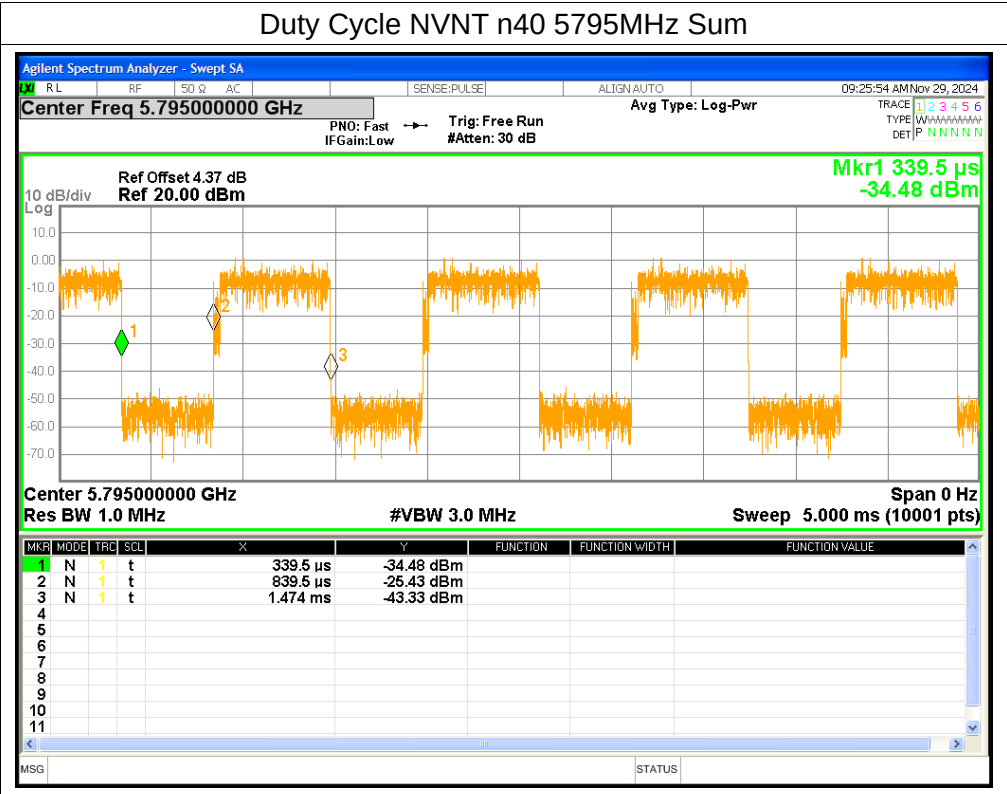
Duty Cycle NVNT n20 5745MHz Sum

Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum





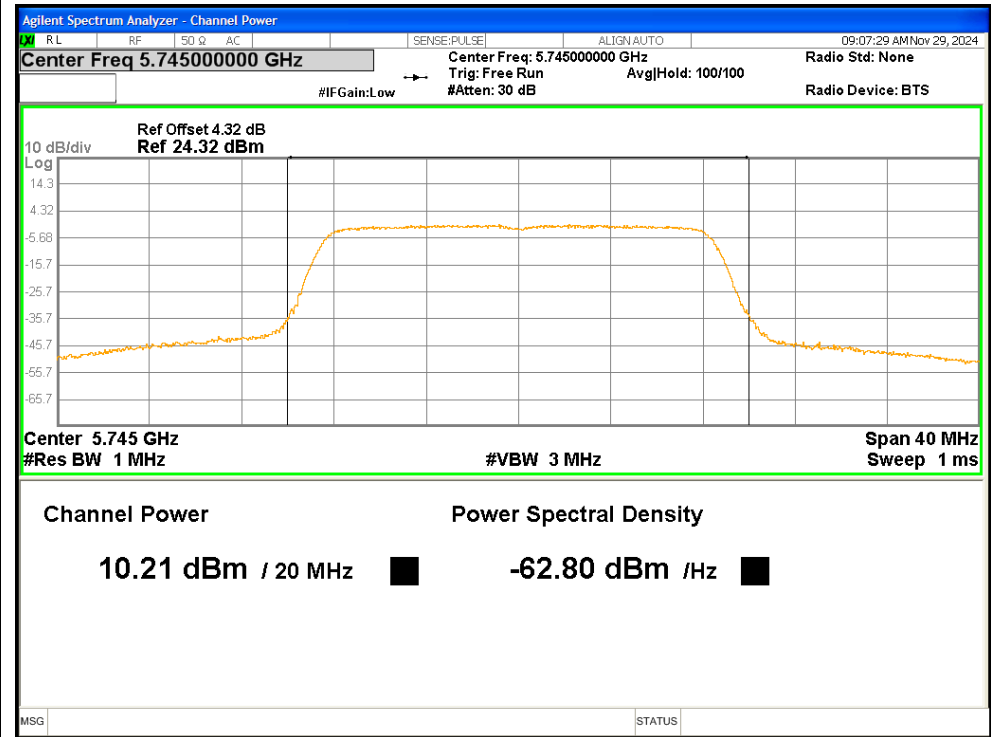
## 2. Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 10.21                 | 1.36             | 11.57             | <=30        | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.17                 | 1.36             | 11.53             | <=30        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 9.63                  | 1.36             | 10.99             | <=30        | Pass    |
| NVNT      | a    | 5745            | Ant2    | 10.59                 | 1.36             | 11.95             | <=30        | Pass    |
| NVNT      | a    | 5785            | Ant2    | 10.73                 | 1.36             | 12.09             | <=30        | Pass    |
| NVNT      | a    | 5825            | Ant2    | 11.31                 | 1.36             | 12.67             | <=30        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 9.99                  | 1.44             | 11.43             | <=30        | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 9.58                  | 1.44             | 11.02             | <=30        | Pass    |
| NVNT      | n20  | 5745            | Sum     | 12.8                  | 1.44             | 14.24             | <=29.96     | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 9.78                  | 1.44             | 11.22             | <=30        | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 10.13                 | 1.44             | 11.57             | <=30        | Pass    |
| NVNT      | n20  | 5785            | Sum     | 12.97                 | 1.44             | 14.41             | <=29.96     | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 8.84                  | 1.44             | 10.28             | <=30        | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 10.46                 | 1.44             | 11.9              | <=30        | Pass    |
| NVNT      | n20  | 5825            | Sum     | 12.74                 | 1.44             | 14.18             | <=29.96     | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 8.57                  | 2.53             | 11.1              | <=30        | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 9.28                  | 2.53             | 11.81             | <=30        | Pass    |
| NVNT      | n40  | 5755            | Sum     | 11.95                 | 2.53             | 14.48             | <=29.96     | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 8.1                   | 2.52             | 10.62             | <=30        | Pass    |
| NVNT      | n40  | 5795            | Ant2    | 8.63                  | 2.52             | 11.15             | <=30        | Pass    |
| NVNT      | n40  | 5795            | Sum     | 11.38                 | 2.52             | 13.9              | <=29.96     | Pass    |

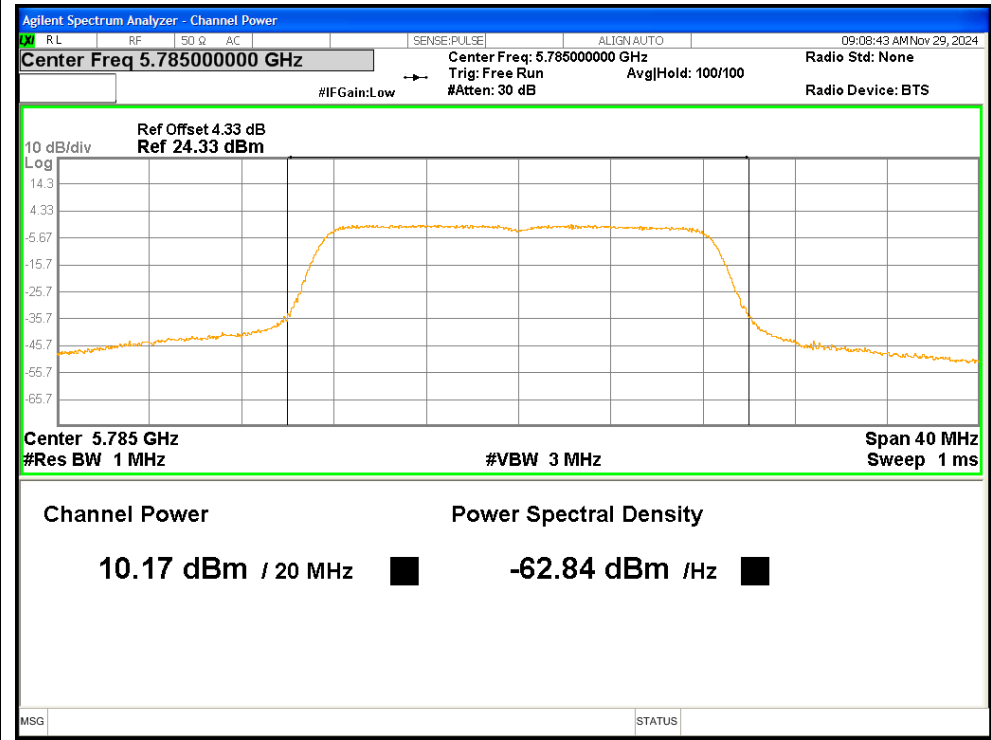


Test Graphs

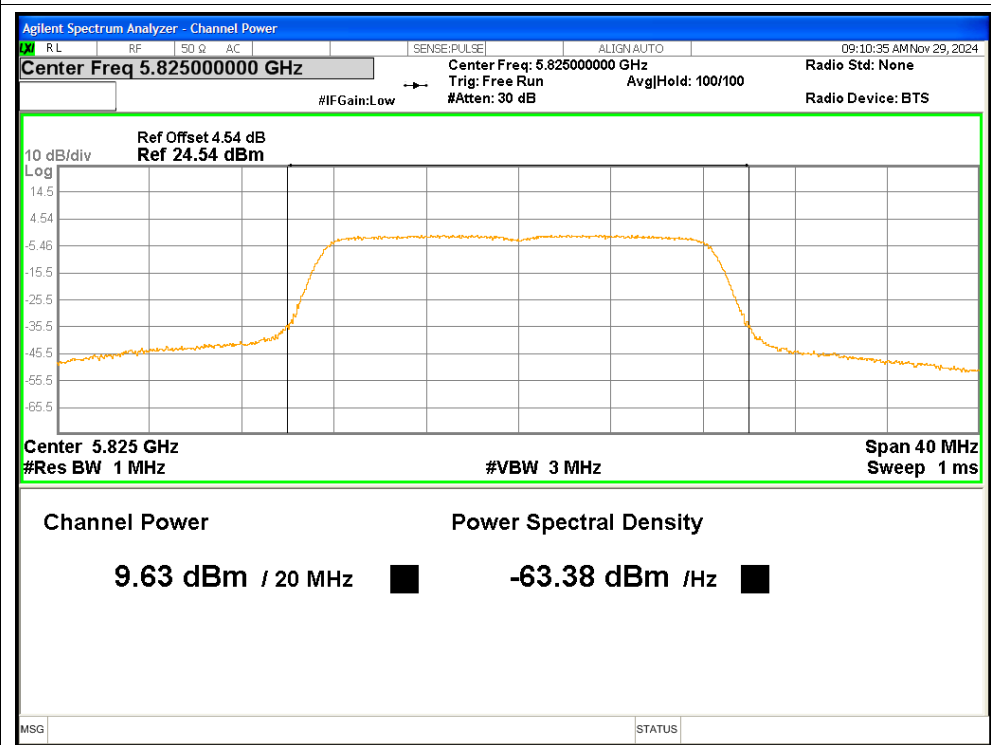
Power NVNT a 5745MHz Ant1



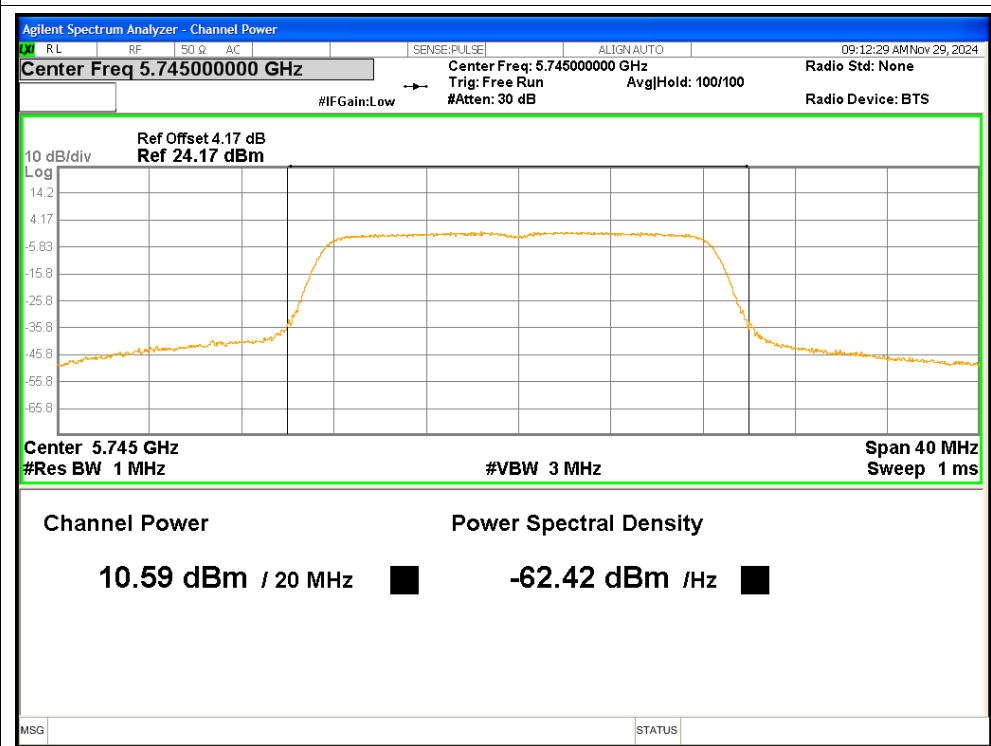
Power NVNT a 5785MHz Ant1



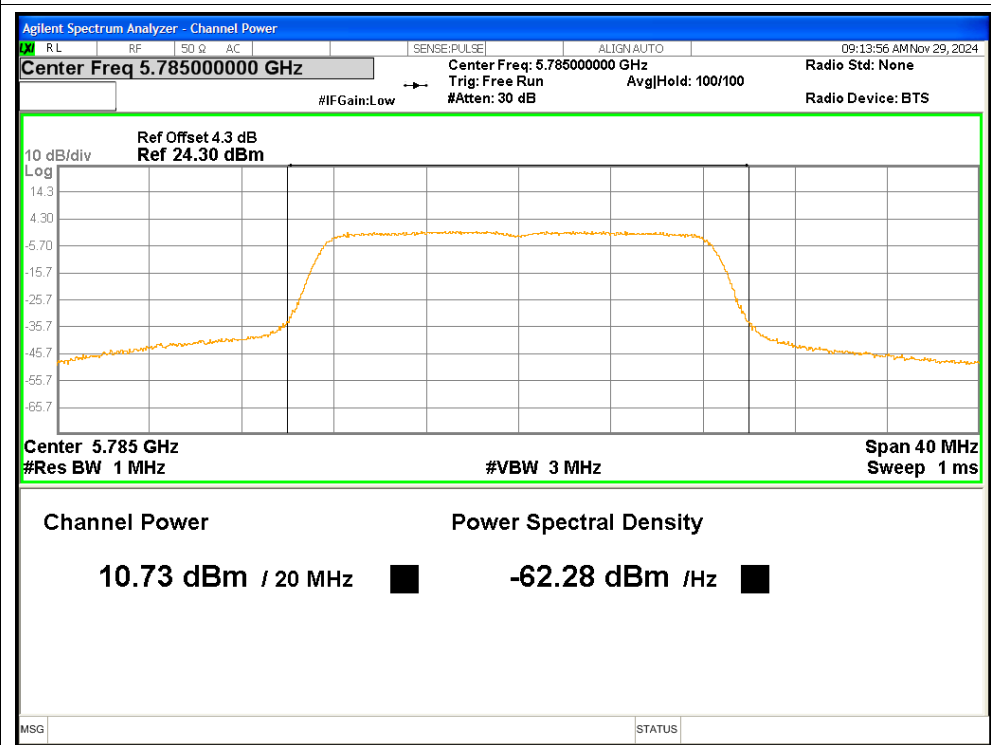
Power NVNT a 5825MHz Ant1



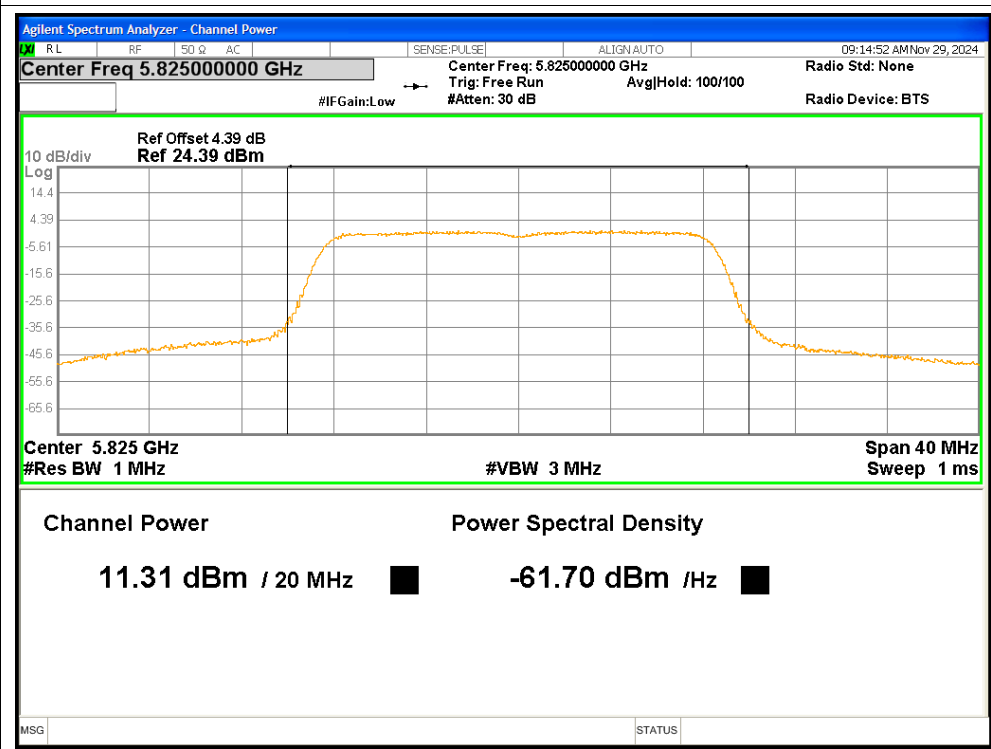
Power NVNT a 5745MHz Ant2

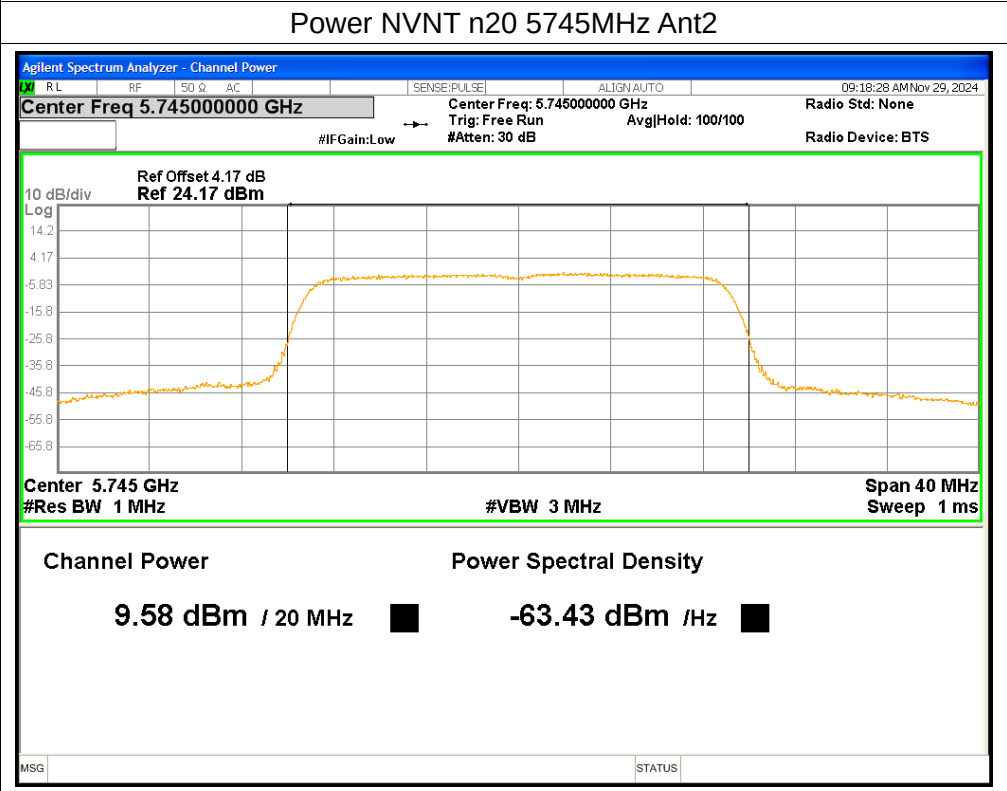
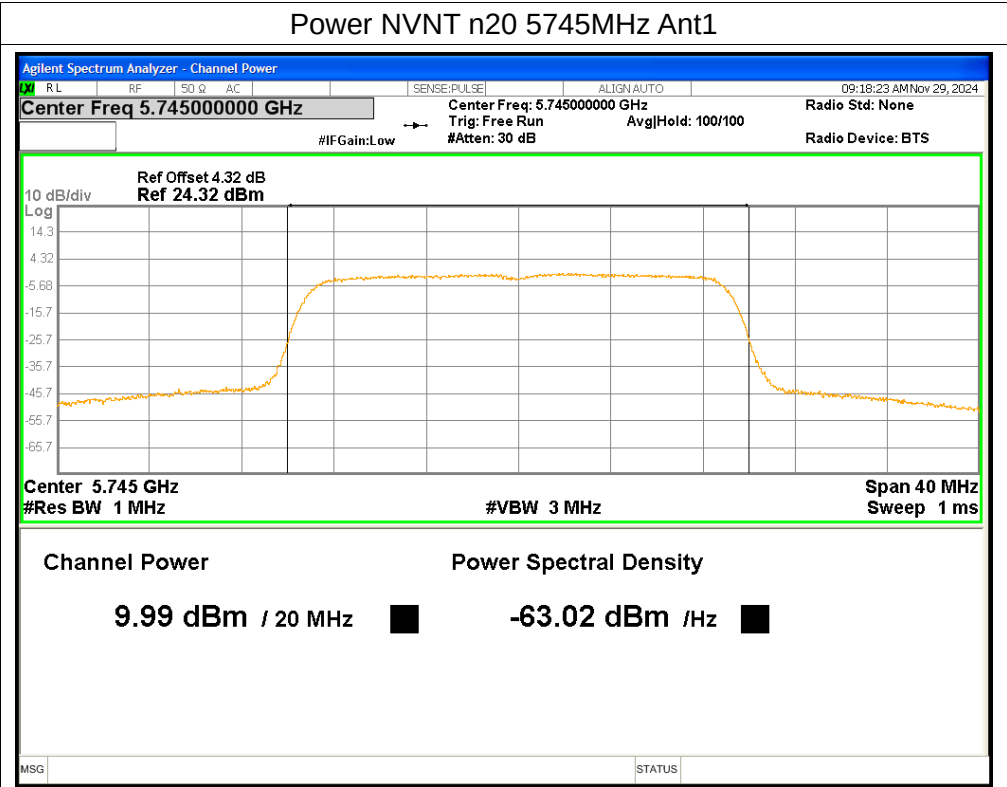


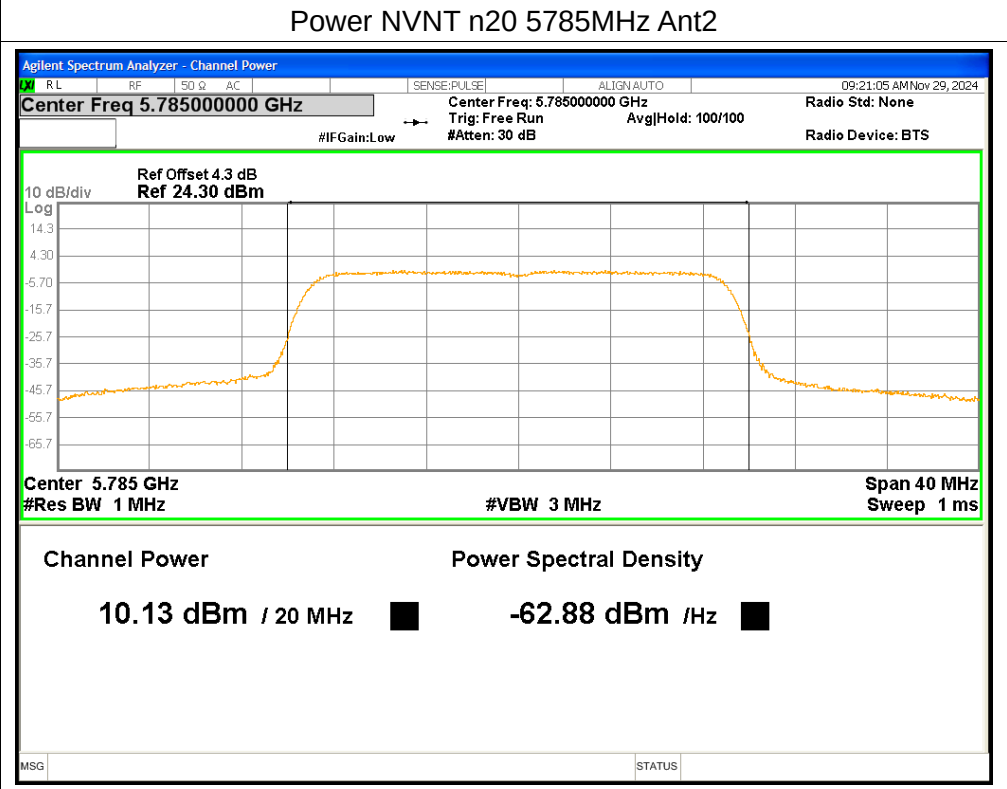
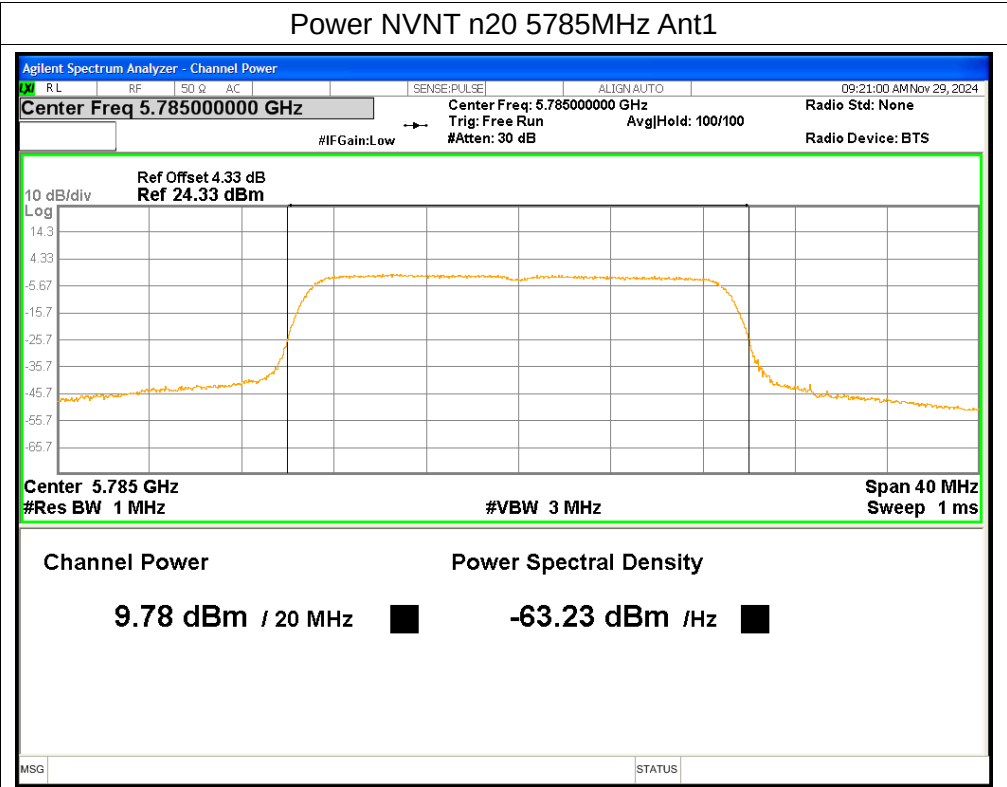
Power NVNT a 5785MHz Ant2

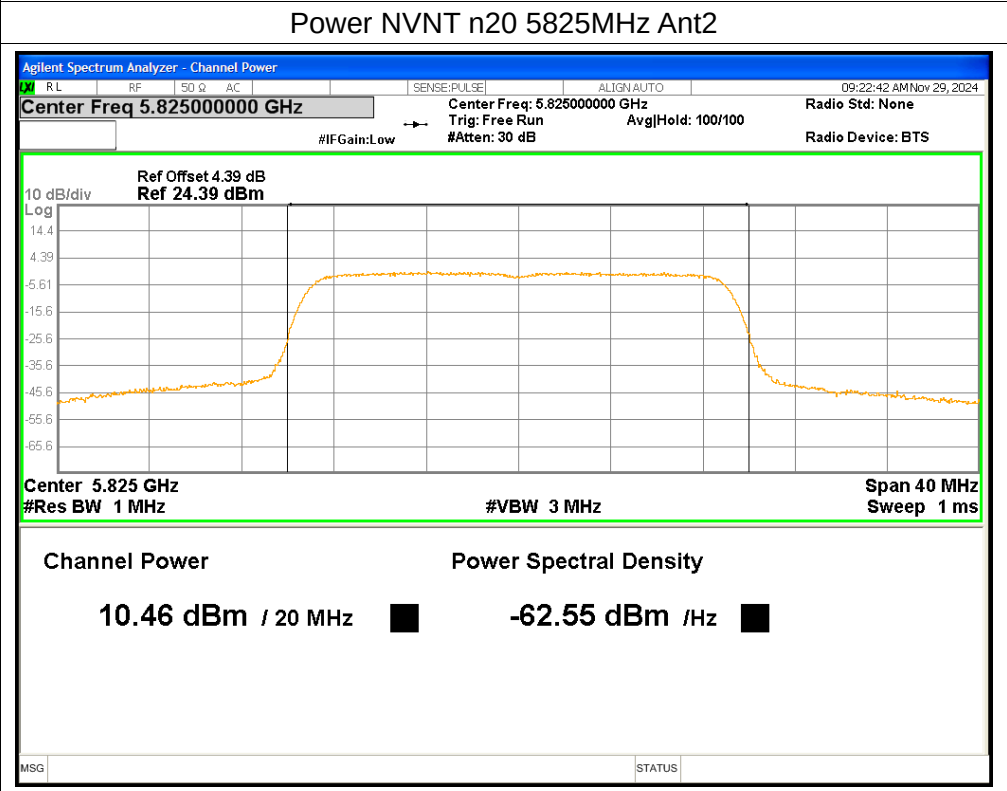
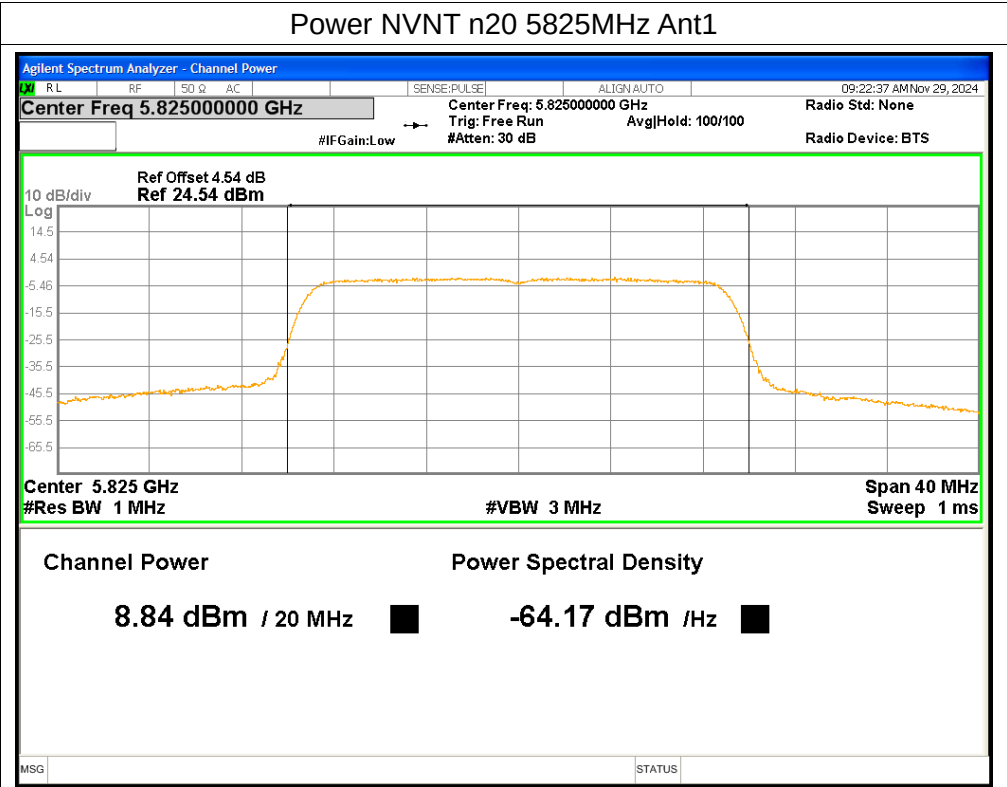


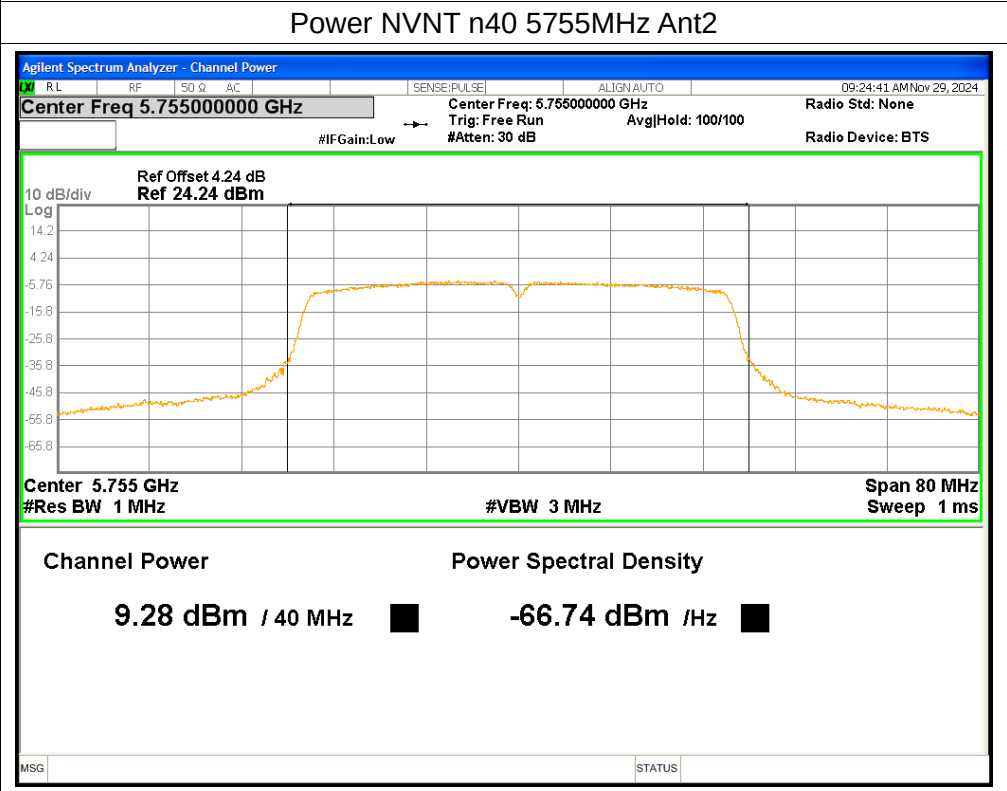
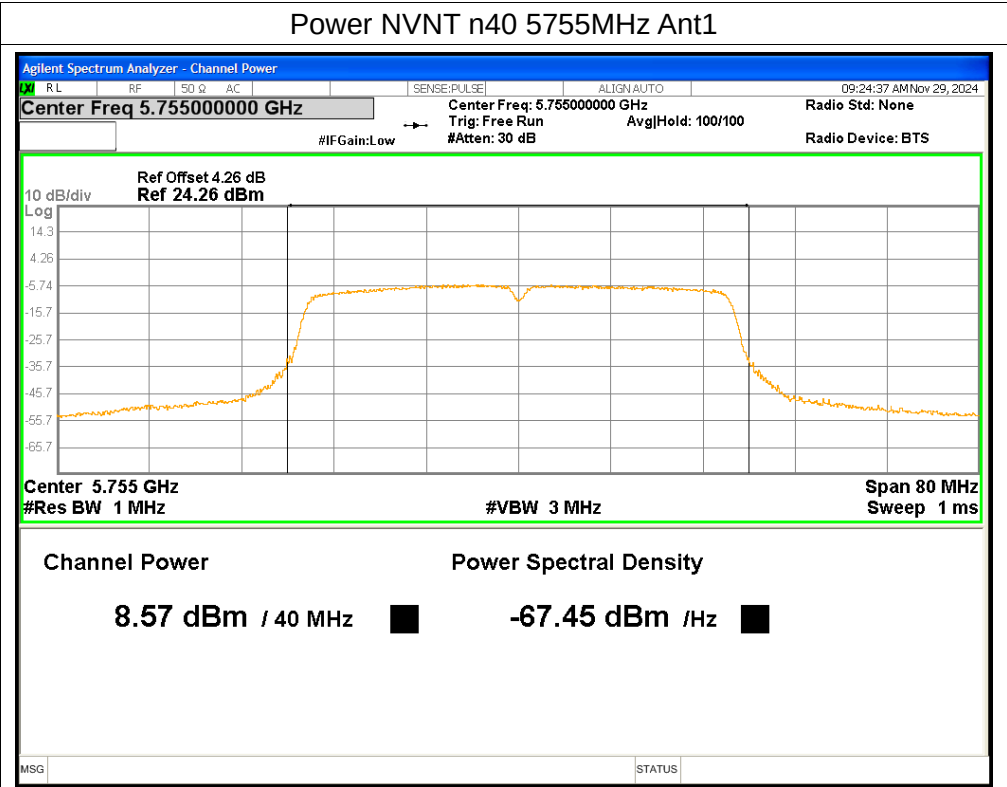
Power NVNT a 5825MHz Ant2

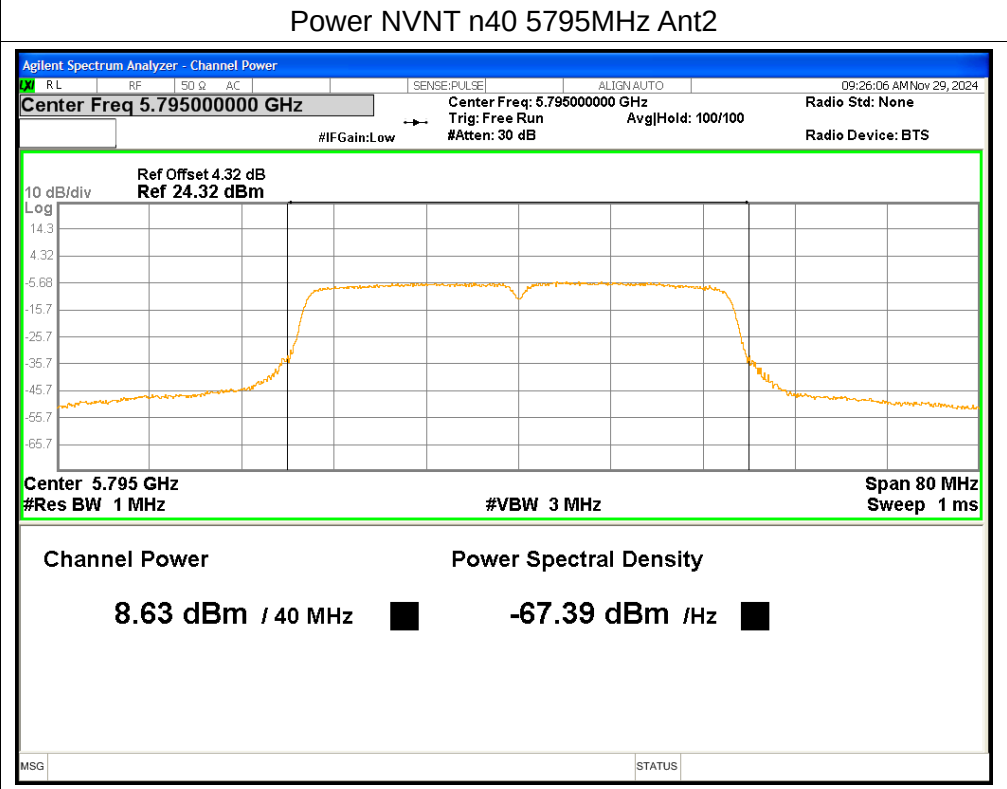
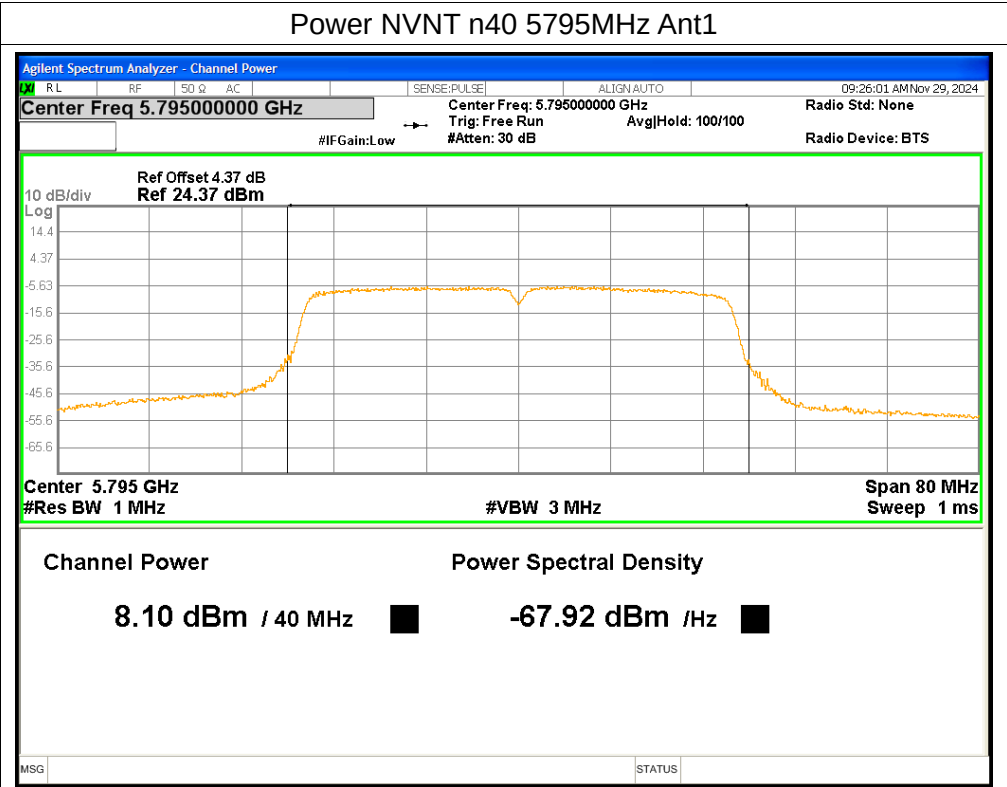












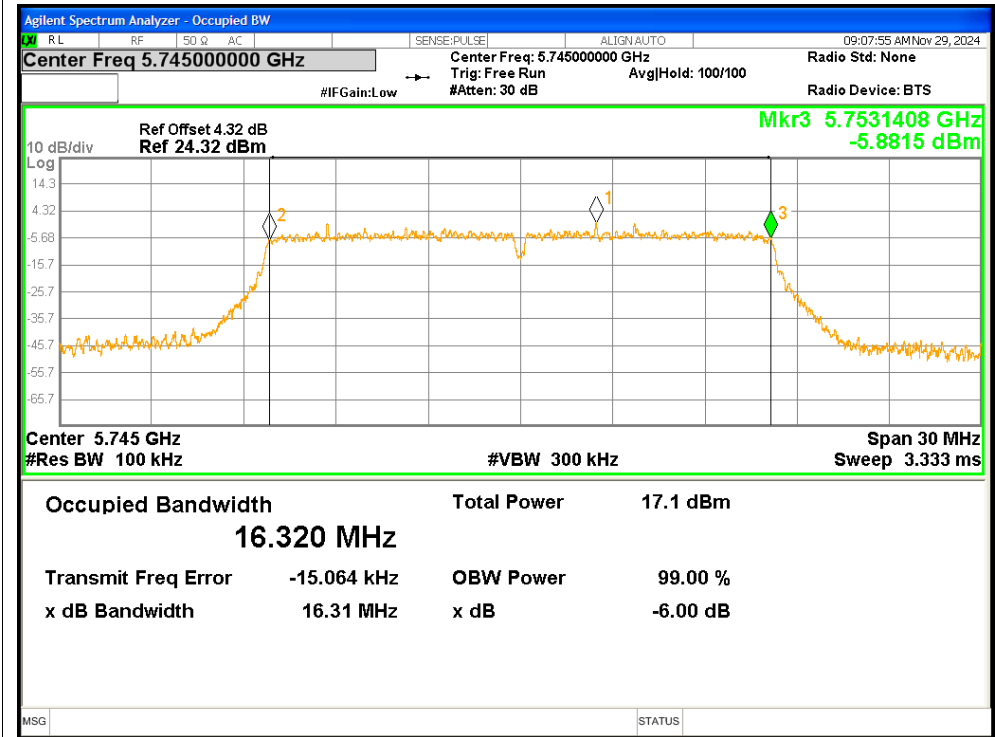


### 3. -6dB Bandwidth

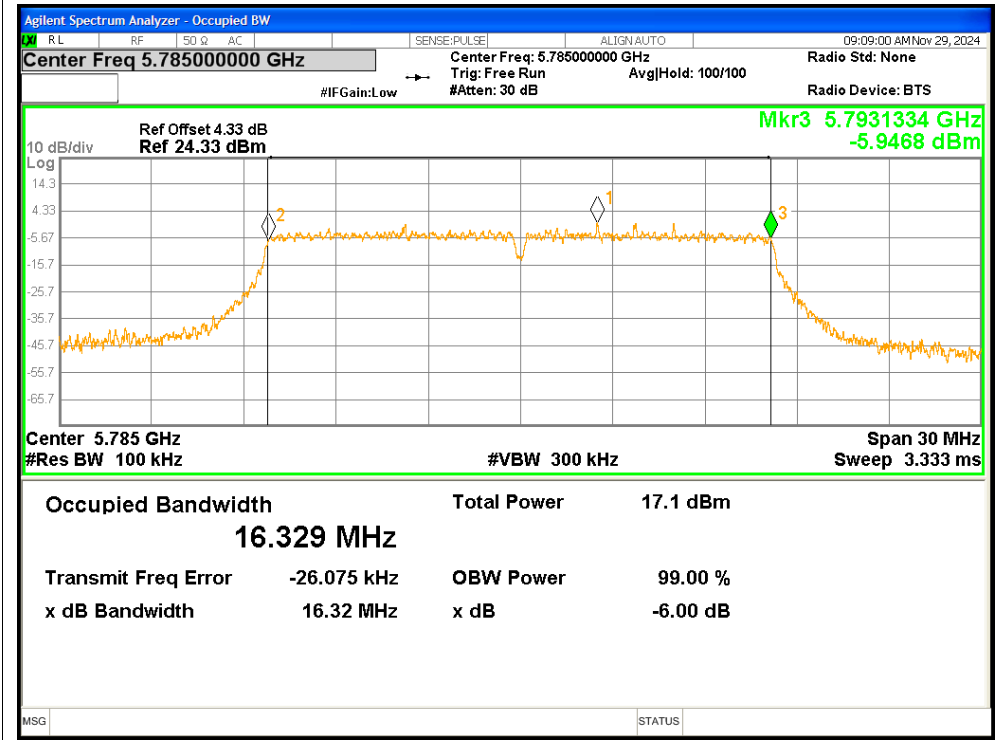
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.3117               | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.3189               | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.3155               | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5745            | Ant2    | 16.2903               | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5785            | Ant2    | 16.2673               | $\geq 0.5$                  | Pass    |
| NVNT      | a    | 5825            | Ant2    | 16.3215               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.2917               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 16.9084               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.1973               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 17.5744               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.5302               | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 17.5382               | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.2882               | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5755            | Ant2    | 35.1751               | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.4                  | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 5795            | Ant2    | 33.8659               | $\geq 0.5$                  | Pass    |

Test Graphs

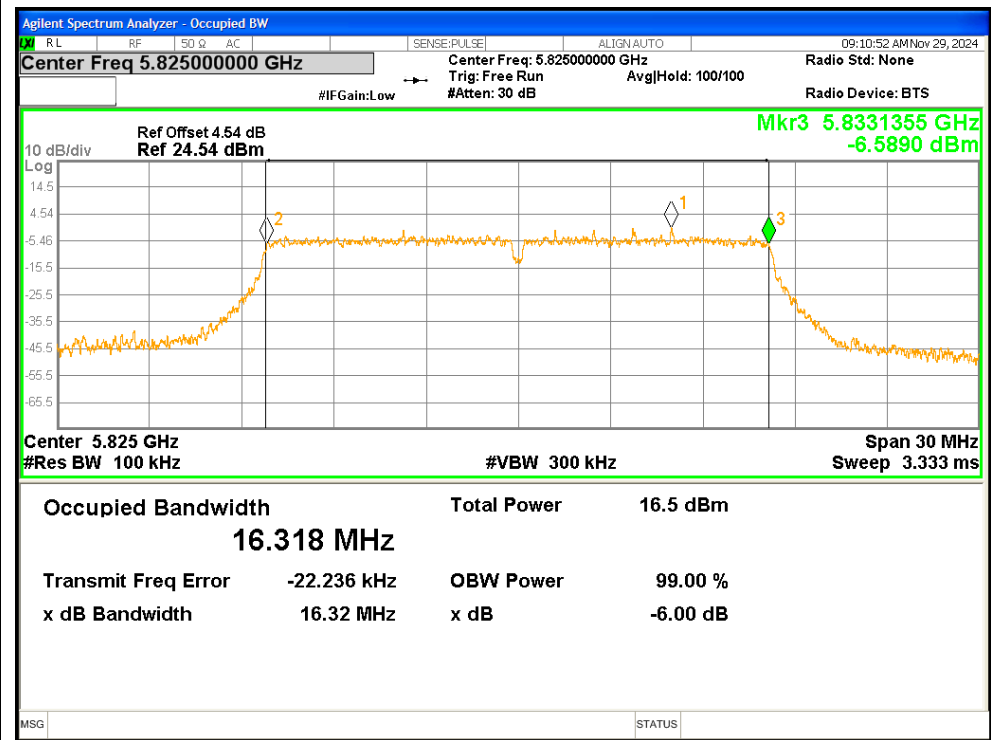
-6dB Bandwidth NVNT a 5745MHz Ant1



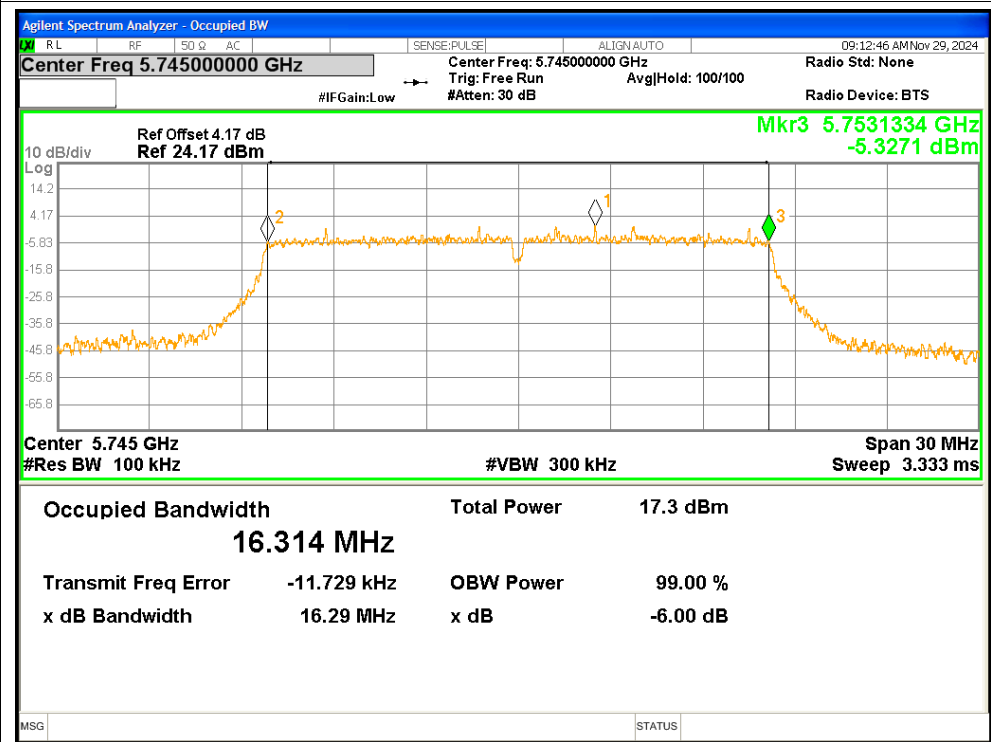
-6dB Bandwidth NVNT a 5785MHz Ant1



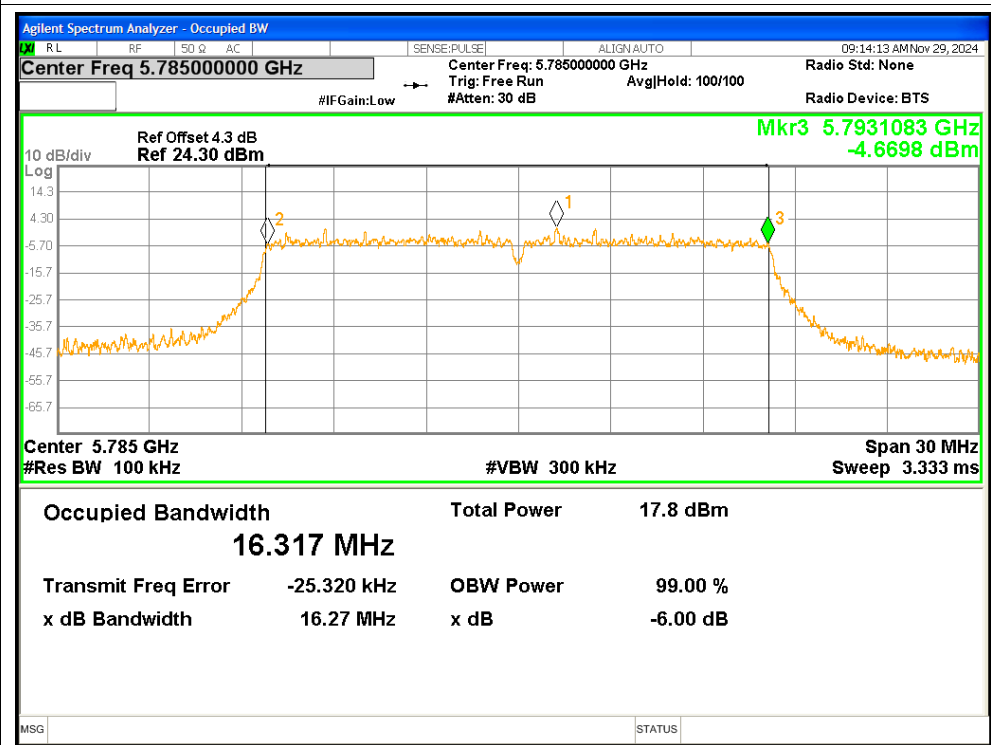
-6dB Bandwidth NVNT a 5825MHz Ant1



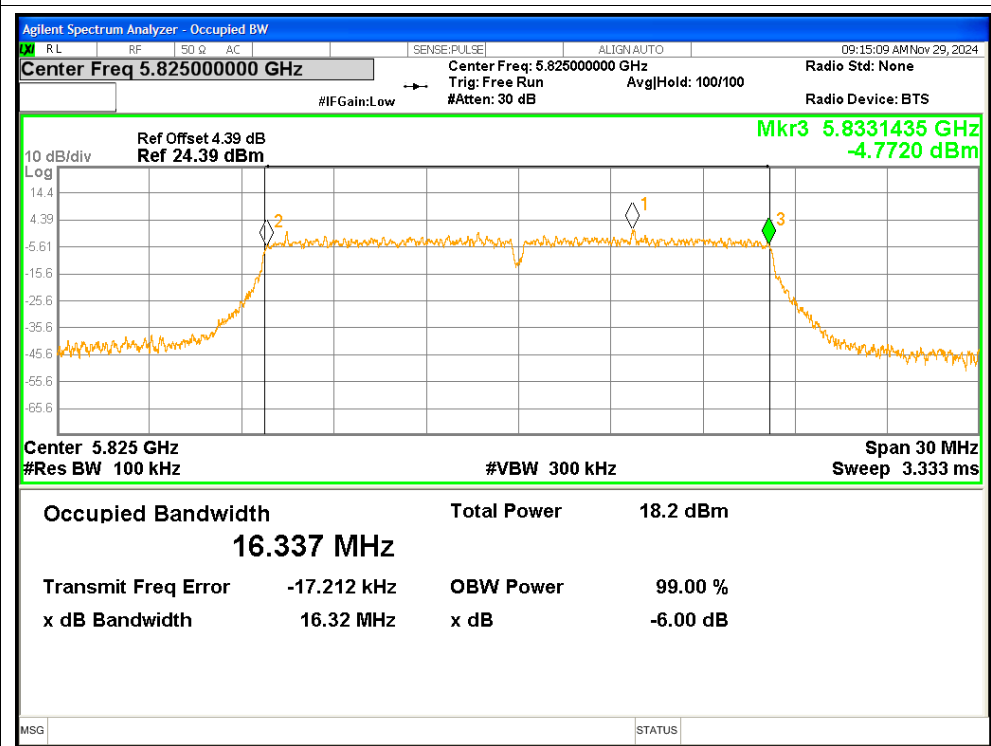
-6dB Bandwidth NVNT a 5745MHz Ant2



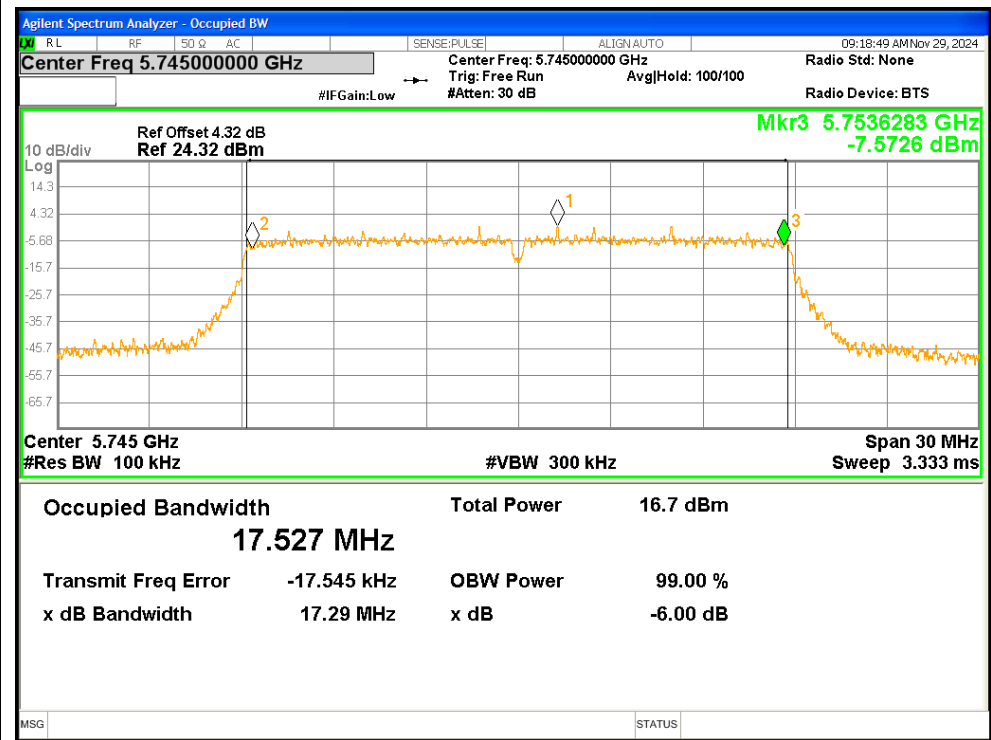
-6dB Bandwidth NVNT a 5785MHz Ant2



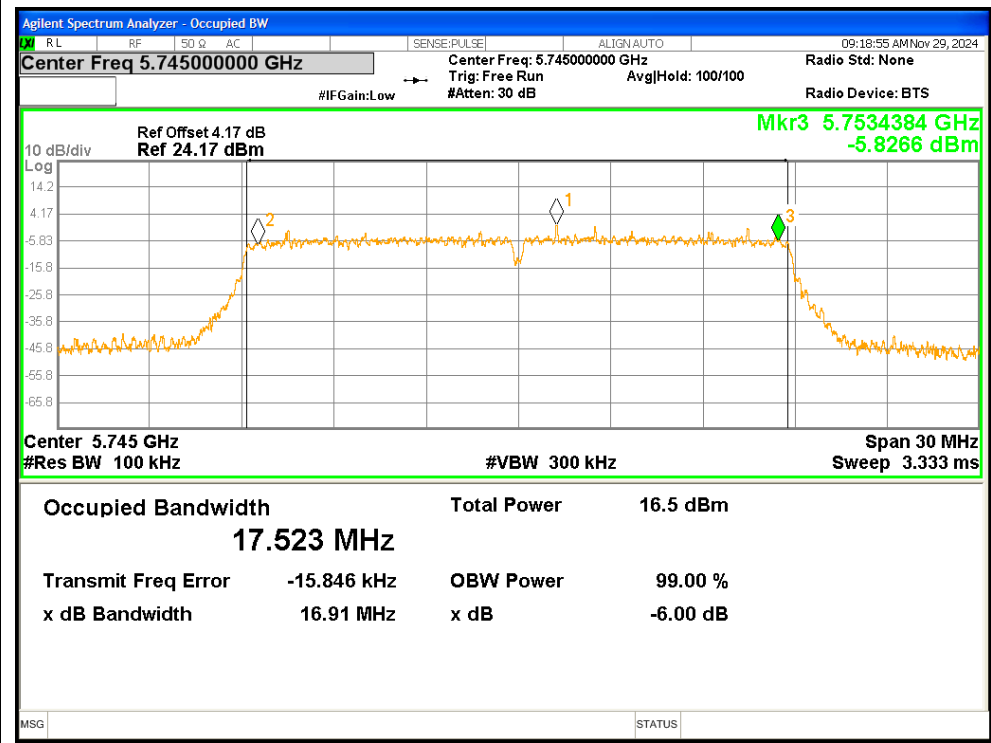
-6dB Bandwidth NVNT a 5825MHz Ant2



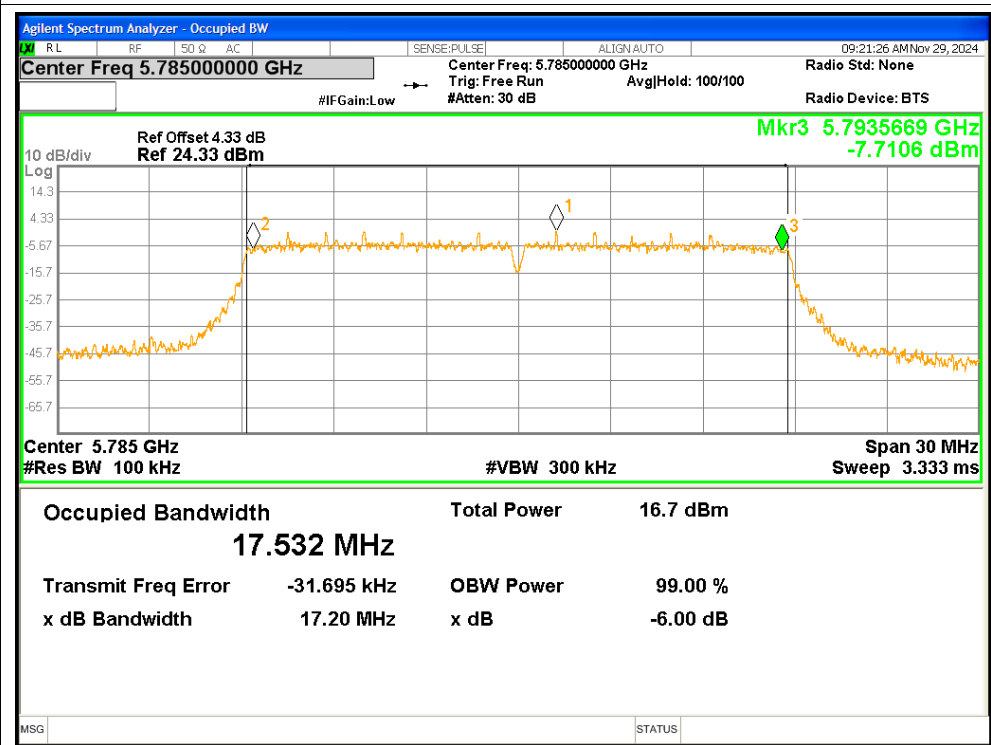
-6dB Bandwidth NVNT n20 5745MHz Ant1



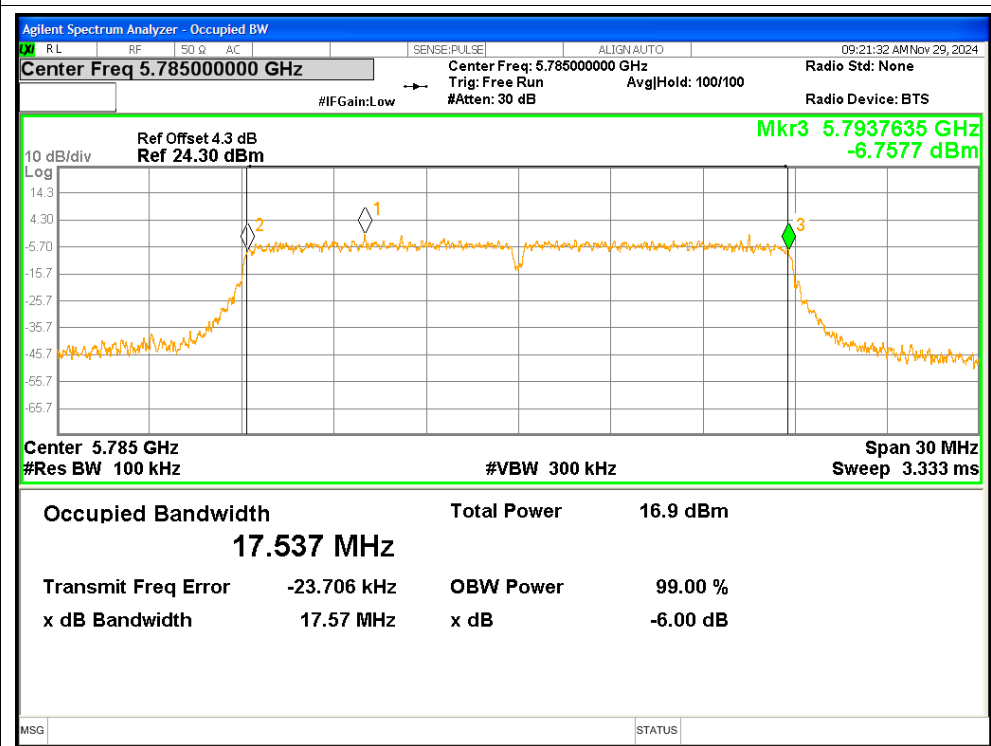
-6dB Bandwidth NVNT n20 5745MHz Ant2



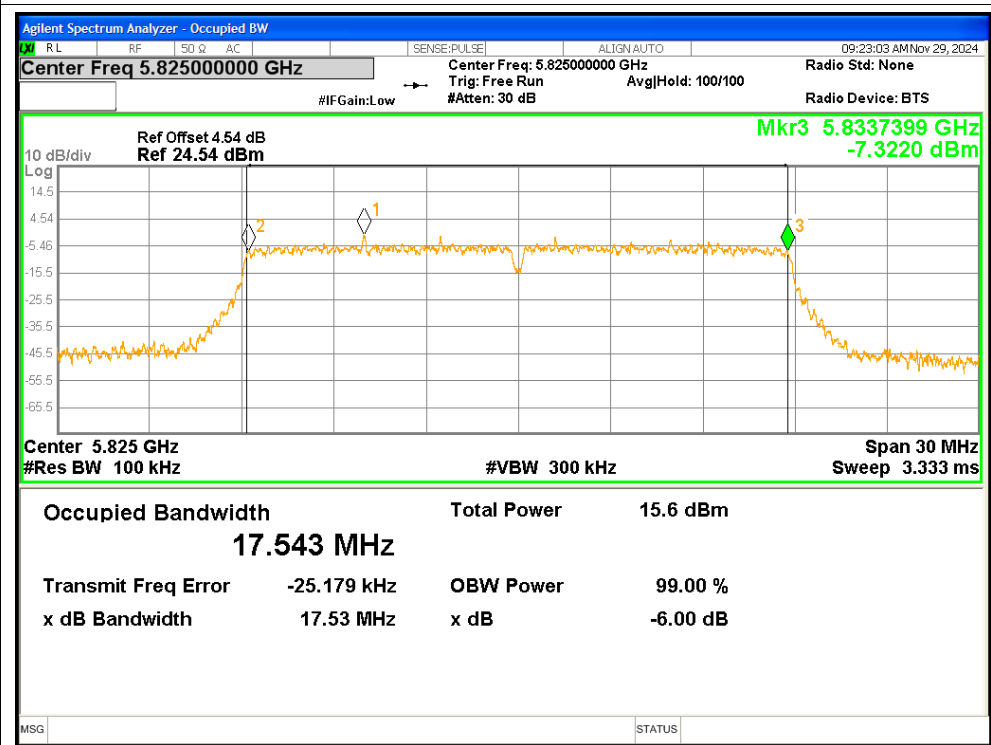
-6dB Bandwidth NVNT n20 5785MHz Ant1



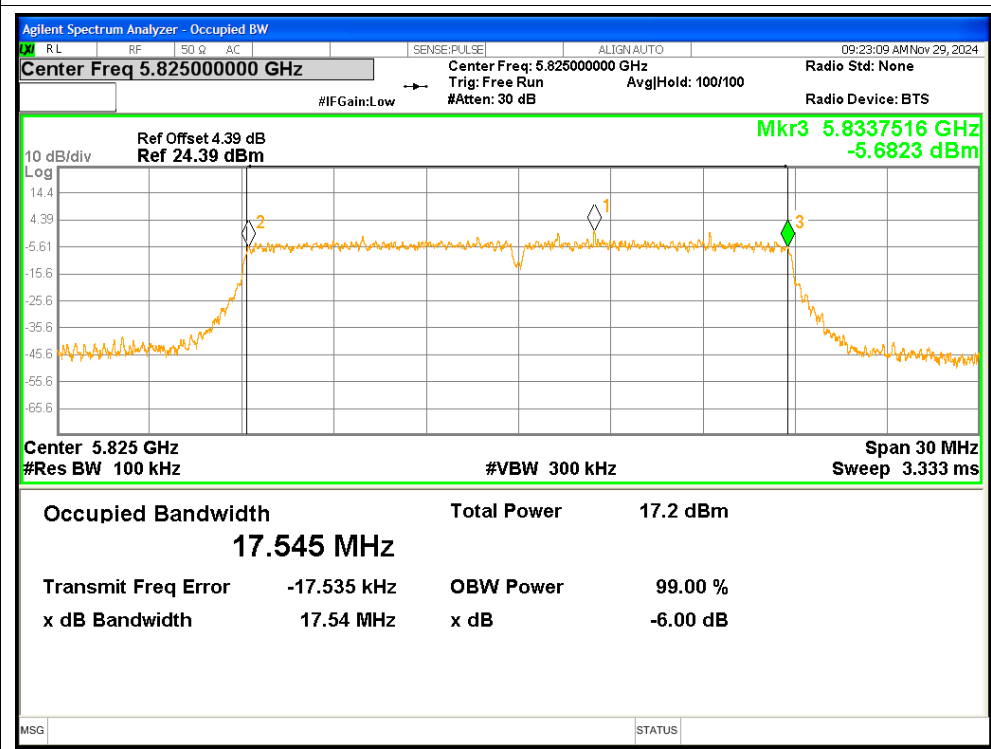
-6dB Bandwidth NVNT n20 5785MHz Ant2



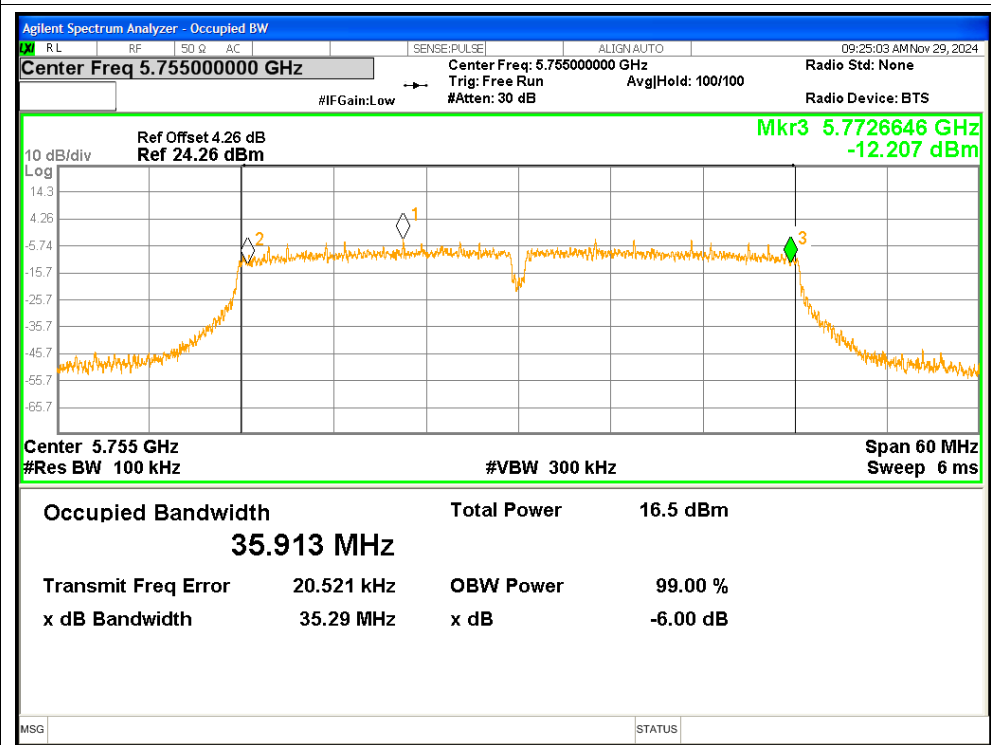
-6dB Bandwidth NVNT n20 5825MHz Ant1



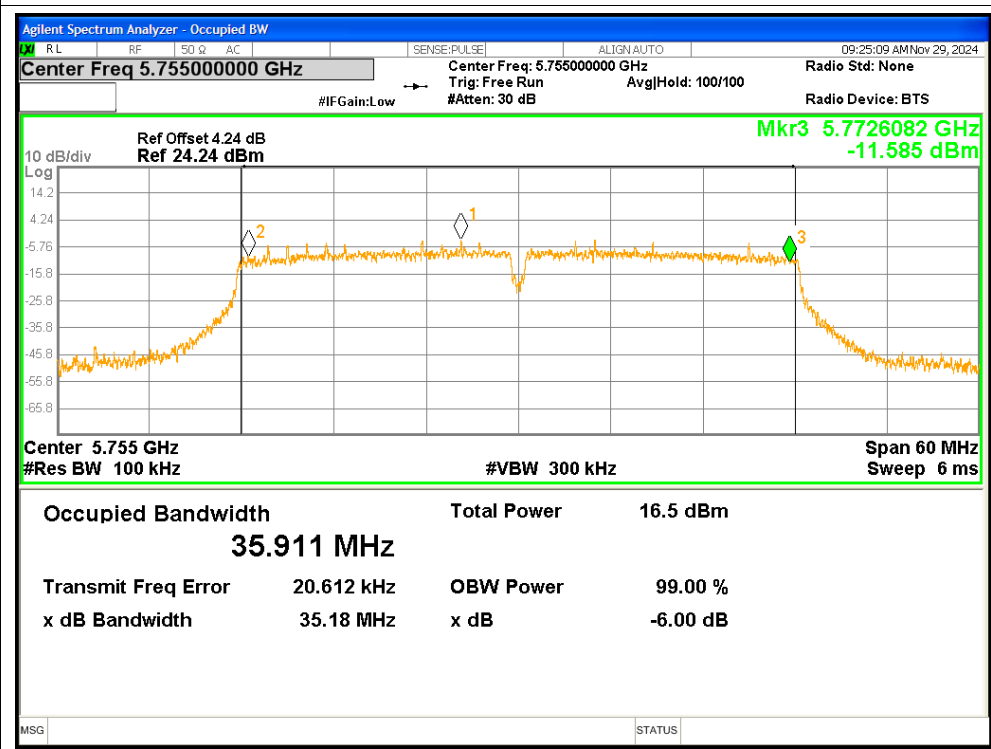
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant1

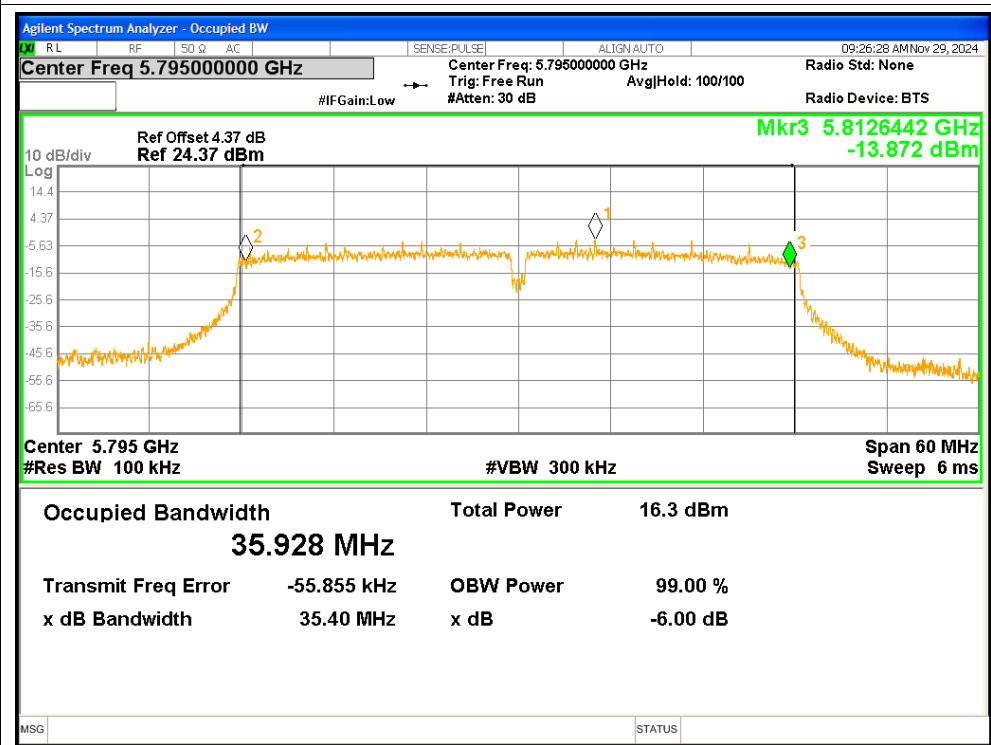


-6dB Bandwidth NVNT n40 5755MHz Ant2

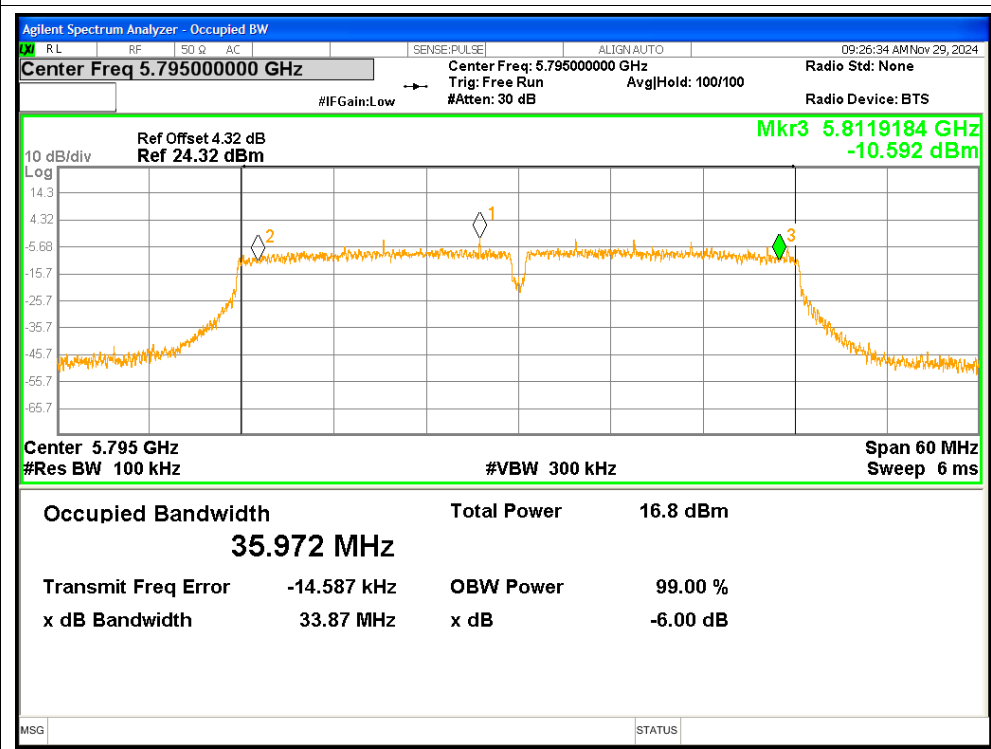




-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

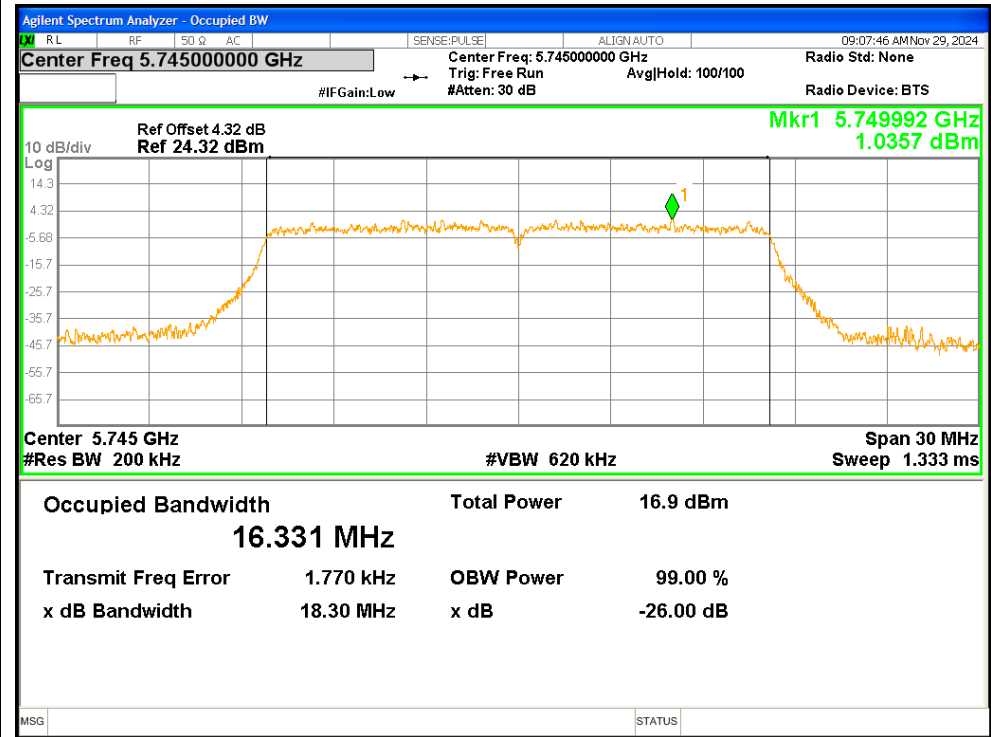


## 4. Occupied Channel Bandwidth

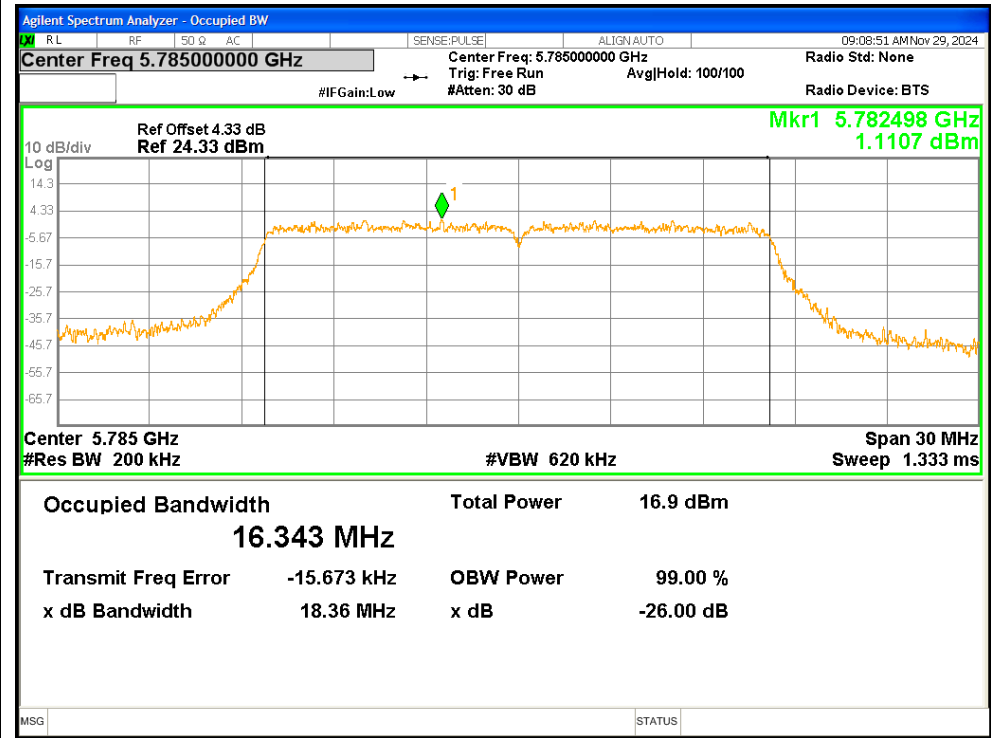
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.3308       |
| NVNT      | a    | 5785            | Ant1    | 16.343        |
| NVNT      | a    | 5825            | Ant1    | 16.3468       |
| NVNT      | a    | 5745            | Ant2    | 16.344        |
| NVNT      | a    | 5785            | Ant2    | 16.3401       |
| NVNT      | a    | 5825            | Ant2    | 16.3426       |
| NVNT      | n20  | 5745            | Ant1    | 17.5146       |
| NVNT      | n20  | 5745            | Ant2    | 17.4965       |
| NVNT      | n20  | 5785            | Ant1    | 17.5306       |
| NVNT      | n20  | 5785            | Ant2    | 17.5309       |
| NVNT      | n20  | 5825            | Ant1    | 17.5307       |
| NVNT      | n20  | 5825            | Ant2    | 17.5321       |
| NVNT      | n40  | 5755            | Ant1    | 36.0549       |
| NVNT      | n40  | 5755            | Ant2    | 36.0527       |
| NVNT      | n40  | 5795            | Ant1    | 36.0817       |
| NVNT      | n40  | 5795            | Ant2    | 36.1099       |

Test Graphs

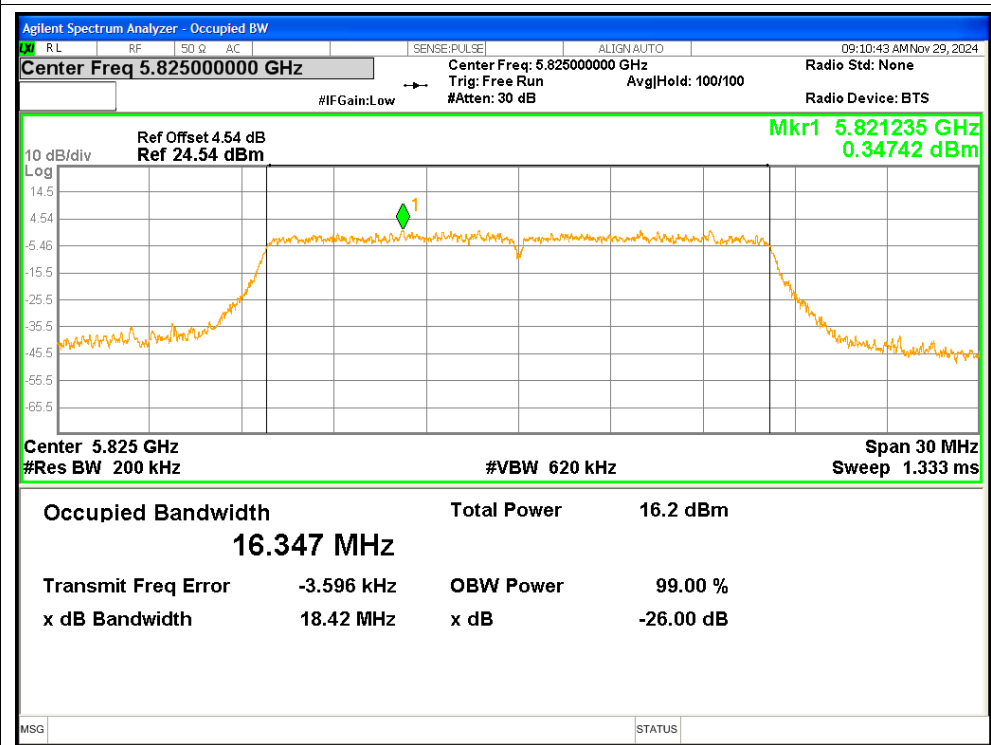
OBW NVNT a 5745MHz Ant1



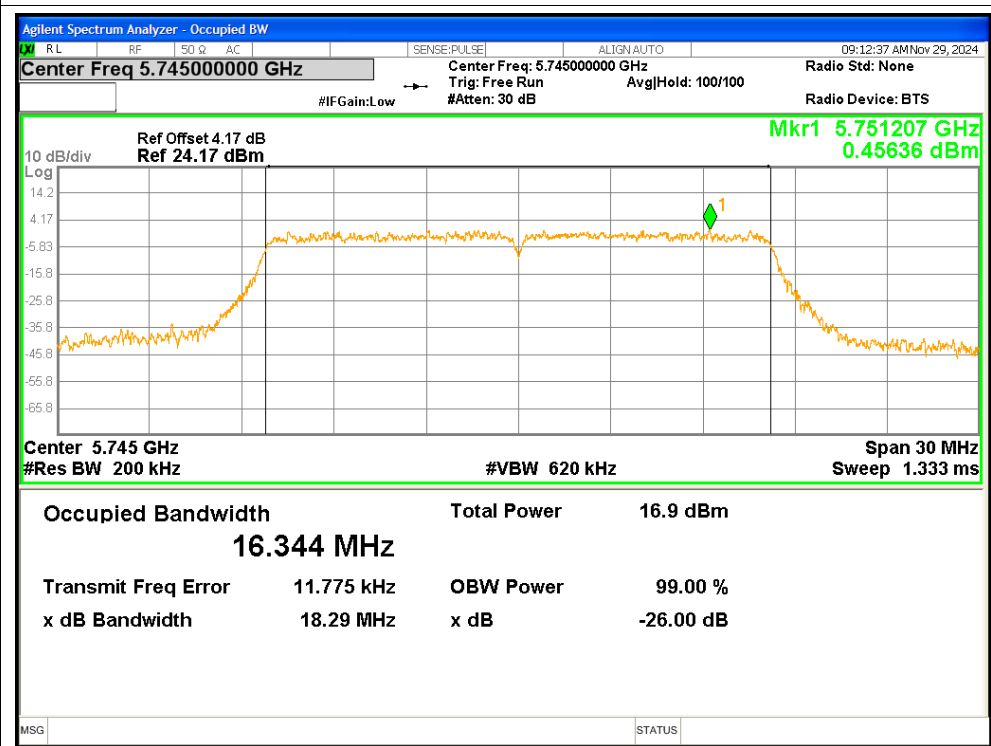
OBW NVNT a 5785MHz Ant1



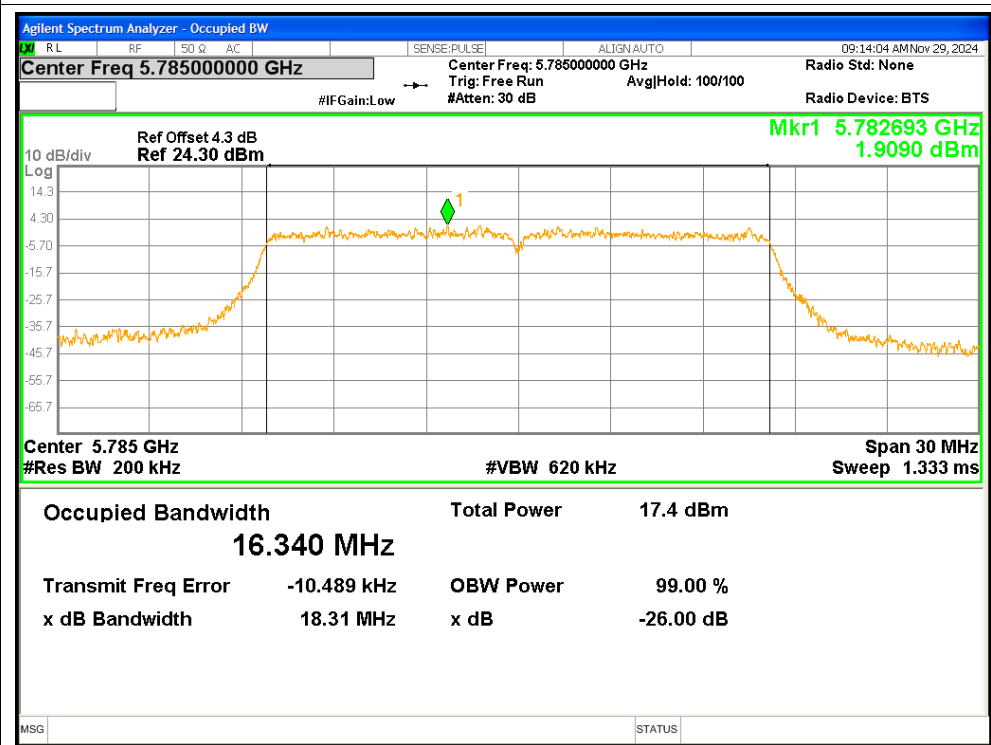
OBW NVNT a 5825MHz Ant1



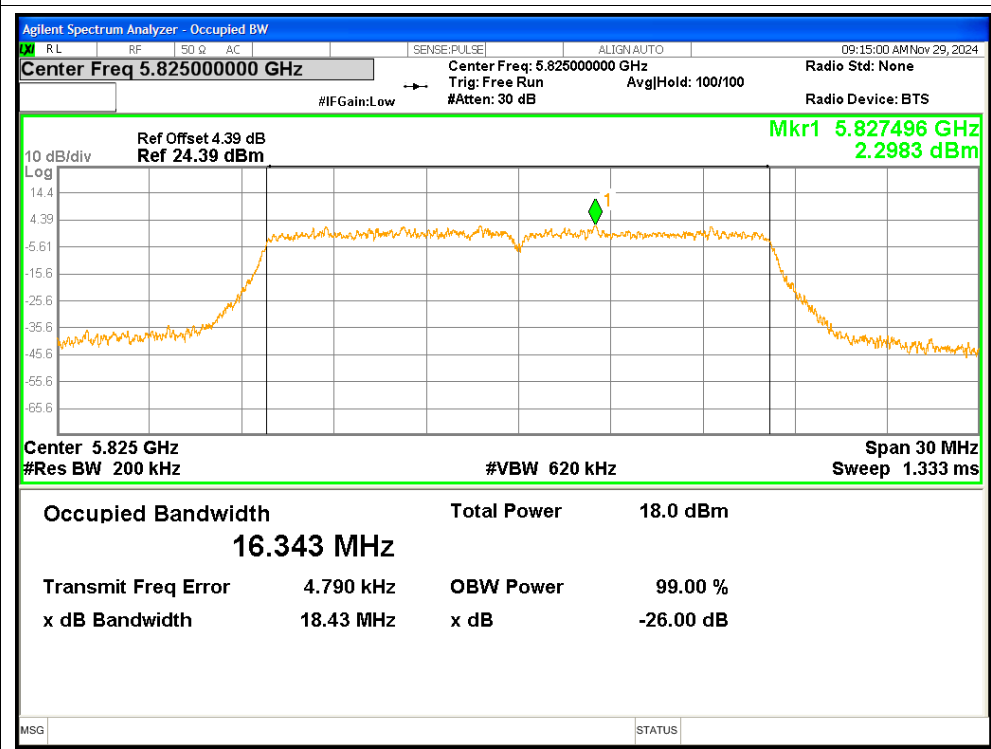
OBW NVNT a 5745MHz Ant2



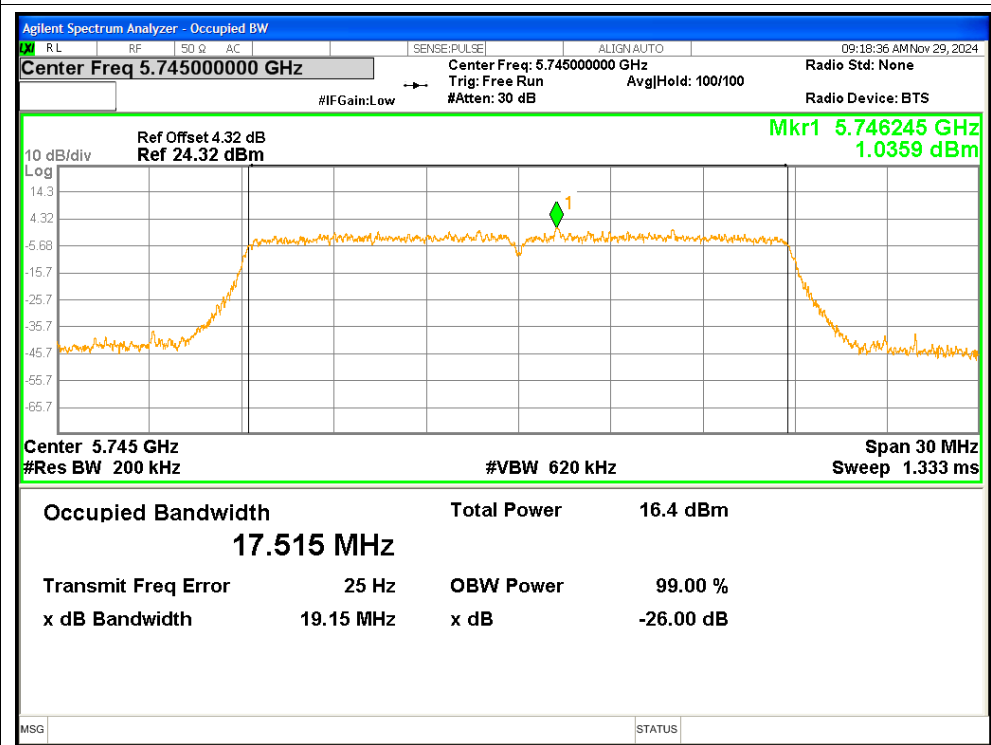
OBW NVNT a 5785MHz Ant2



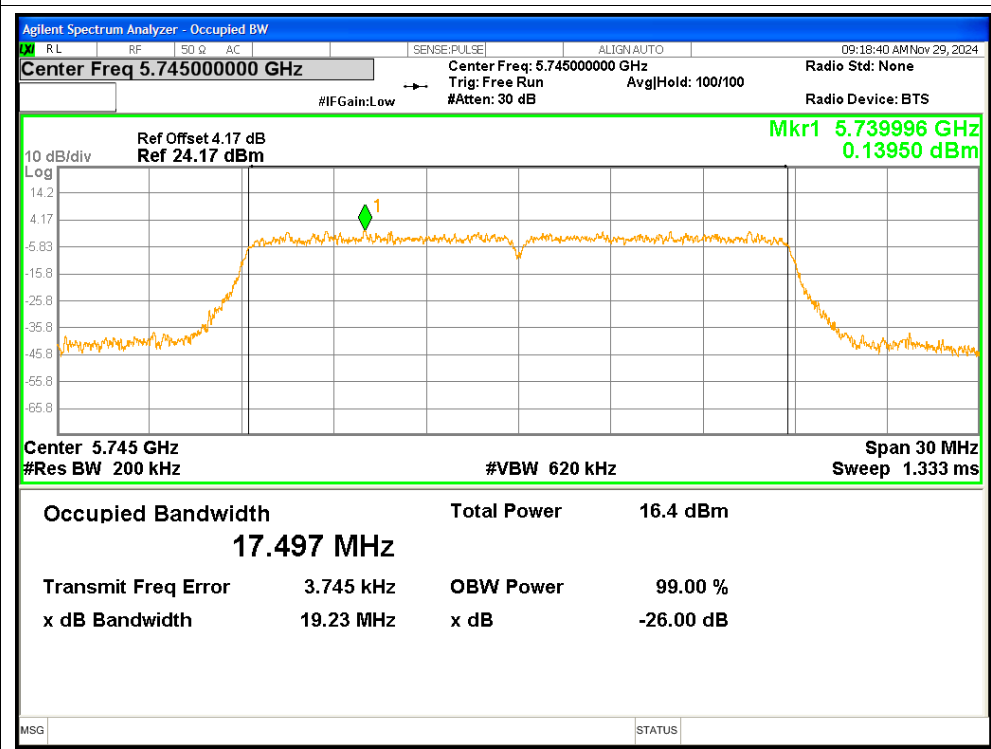
OBW NVNT a 5825MHz Ant2



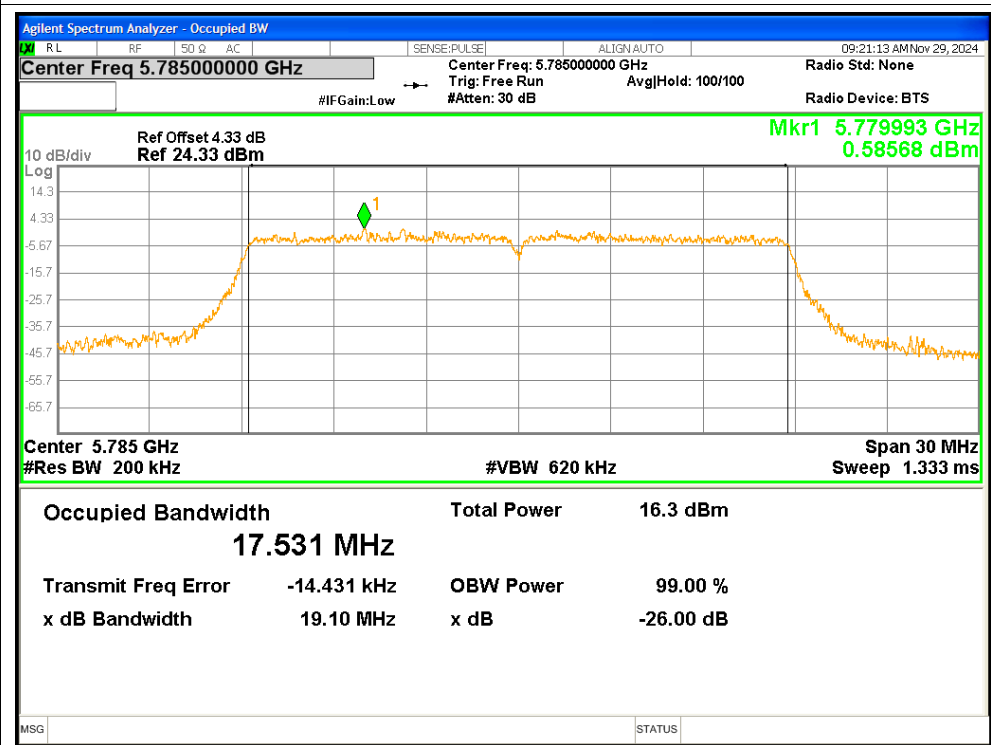
OBW NVNT n20 5745MHz Ant1



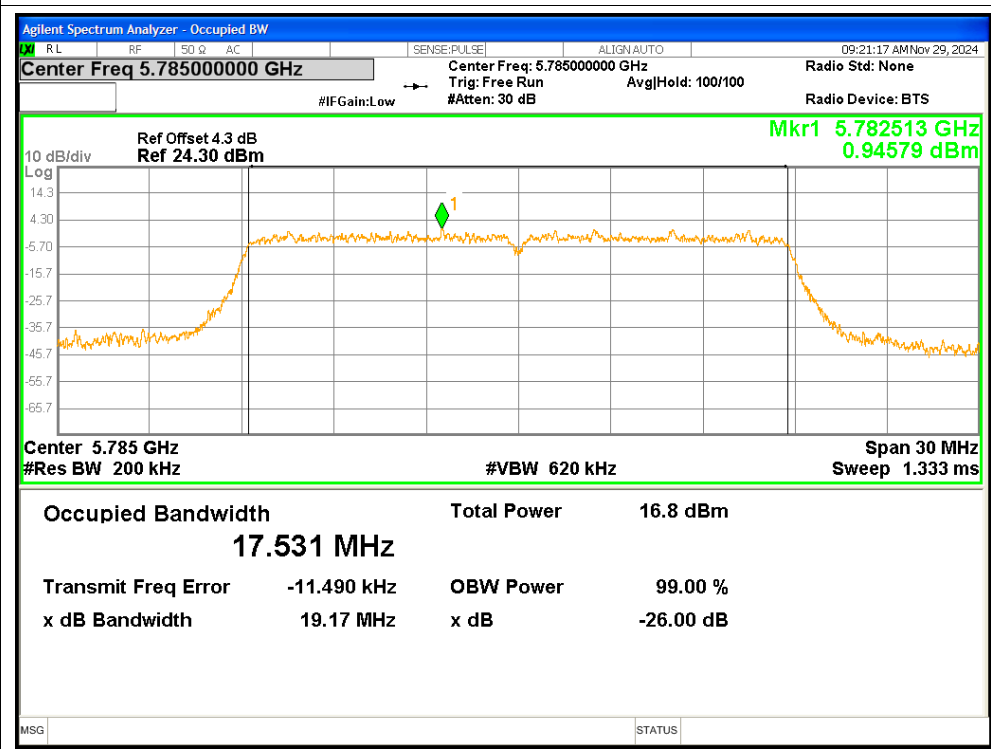
OBW NVNT n20 5745MHz Ant2



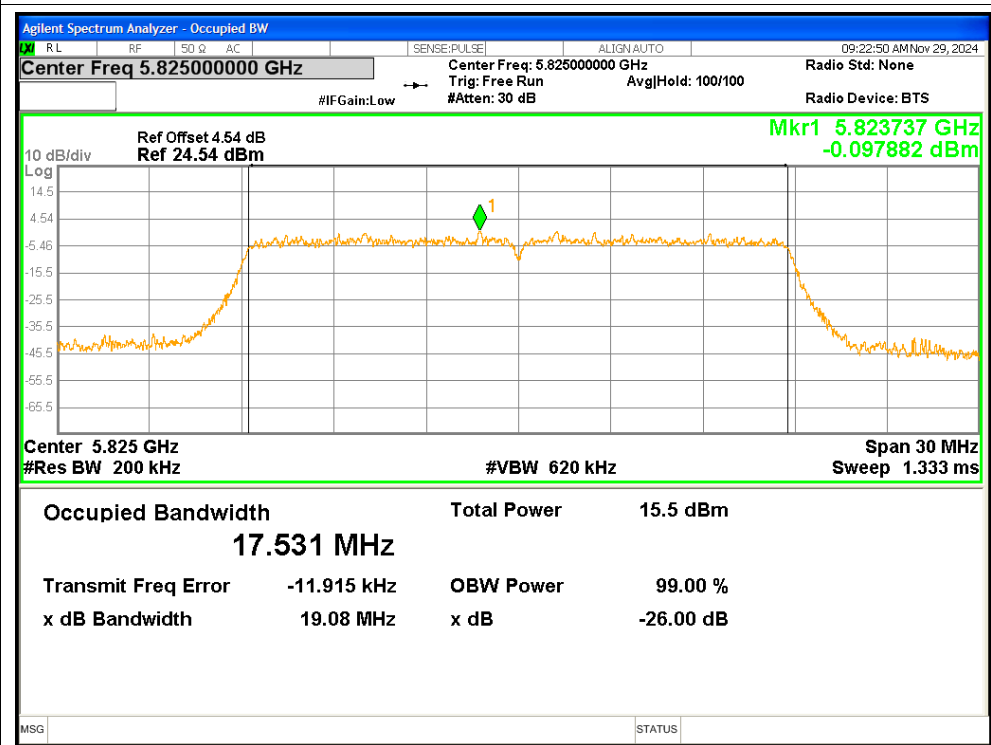
OBW NVNT n20 5785MHz Ant1



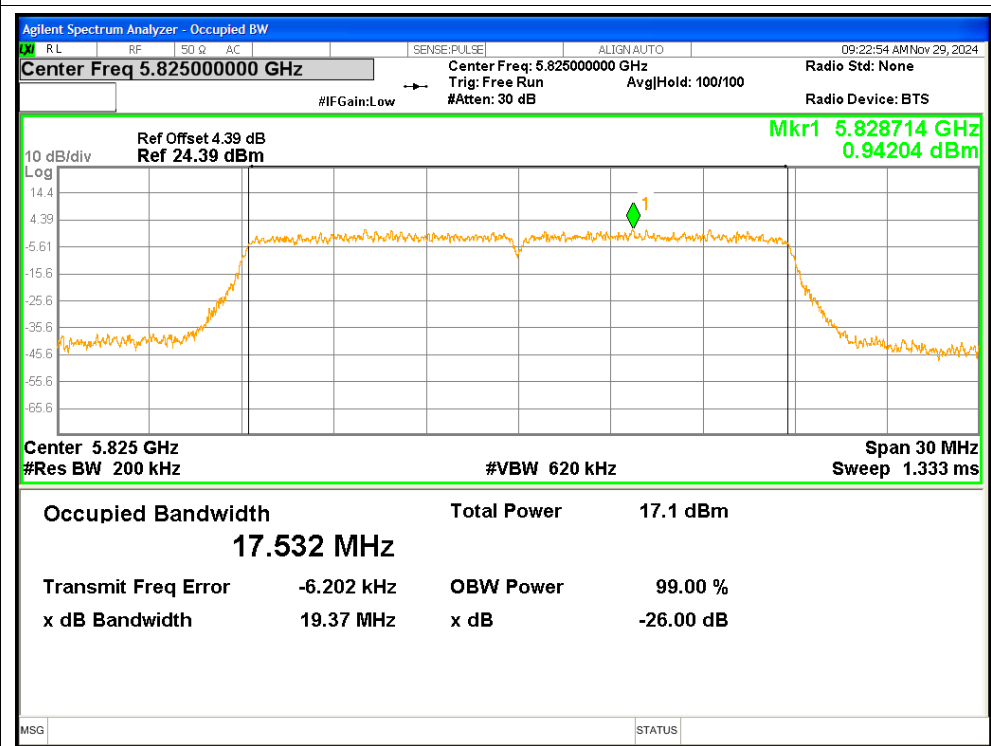
OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1

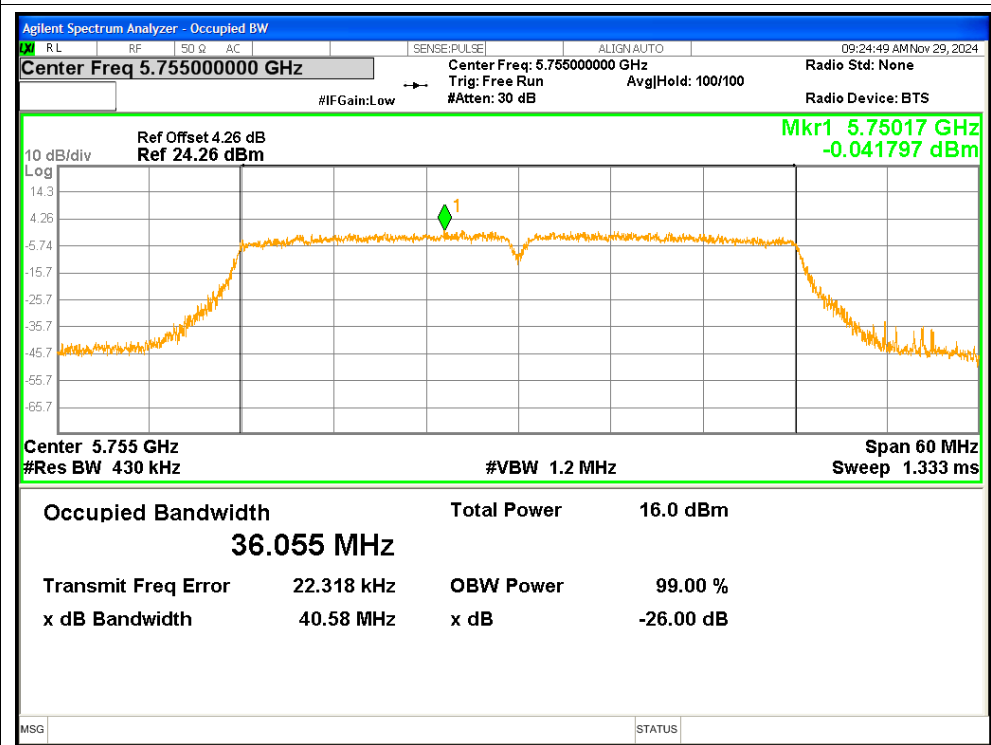


OBW NVNT n20 5825MHz Ant2

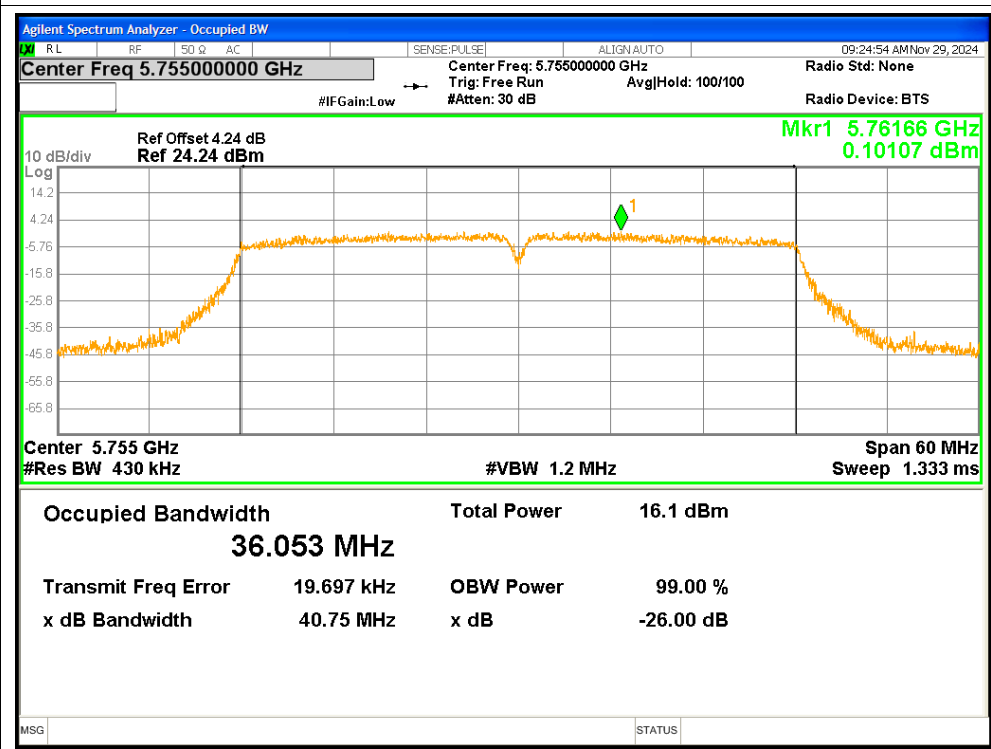




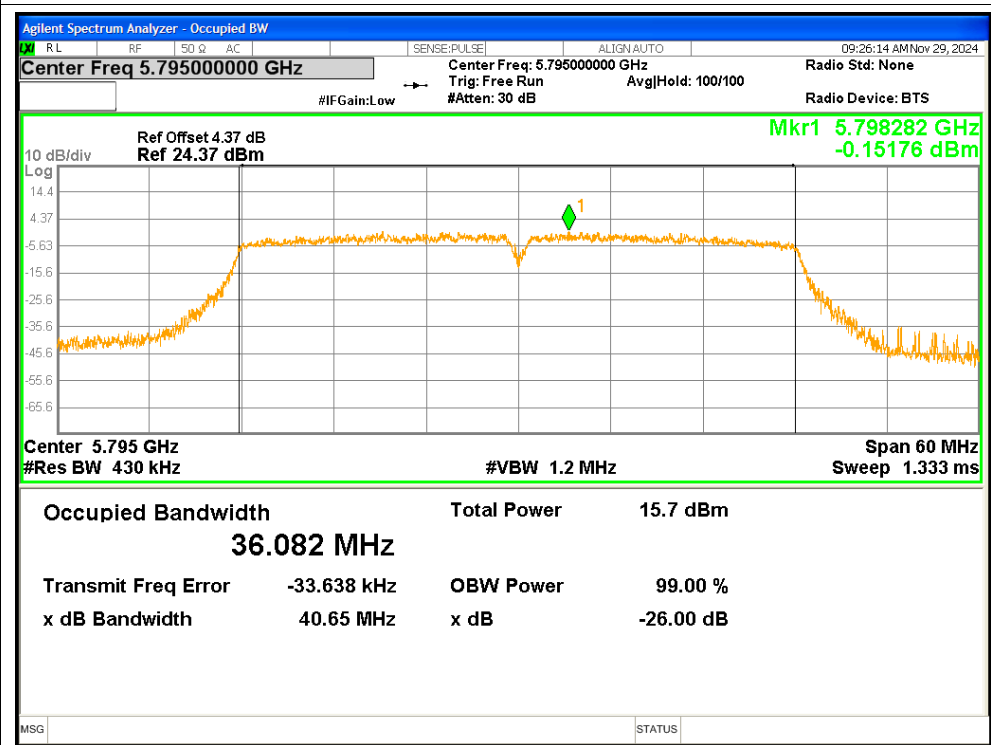
OBW NVNT n40 5755MHz Ant1



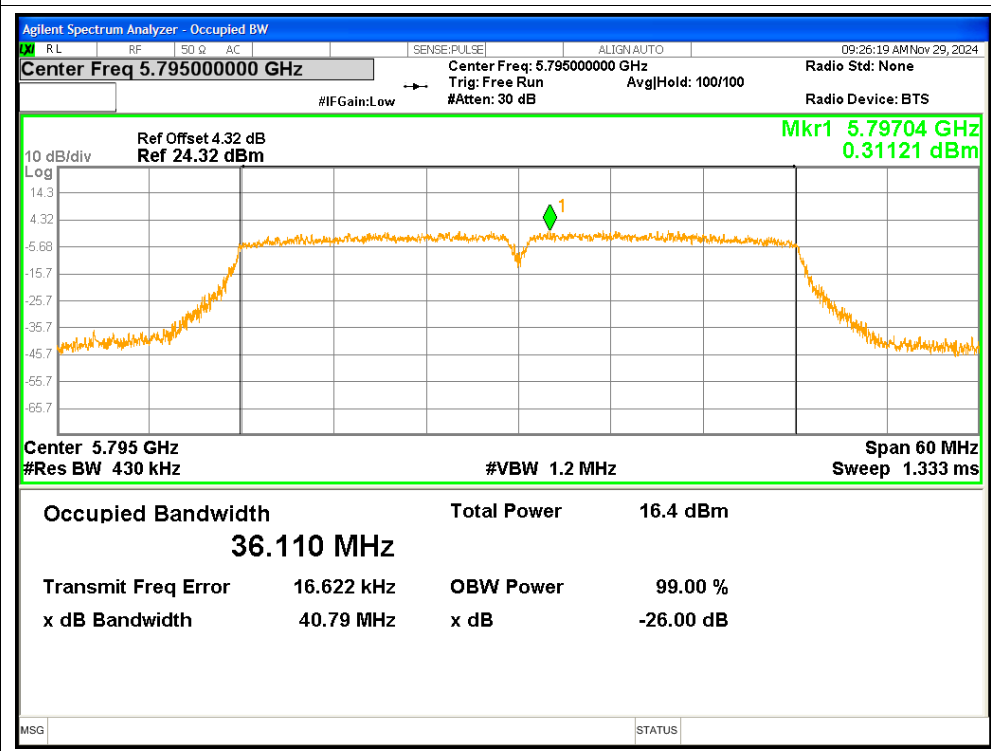
OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2

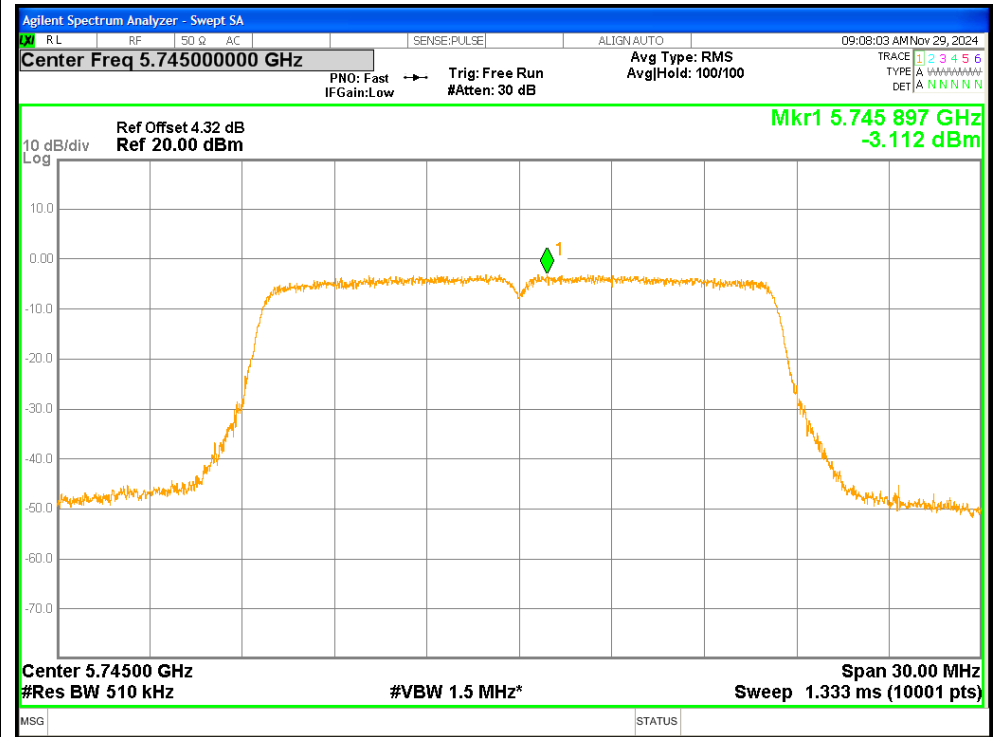


## 5. Maximum Power Spectral Density Level

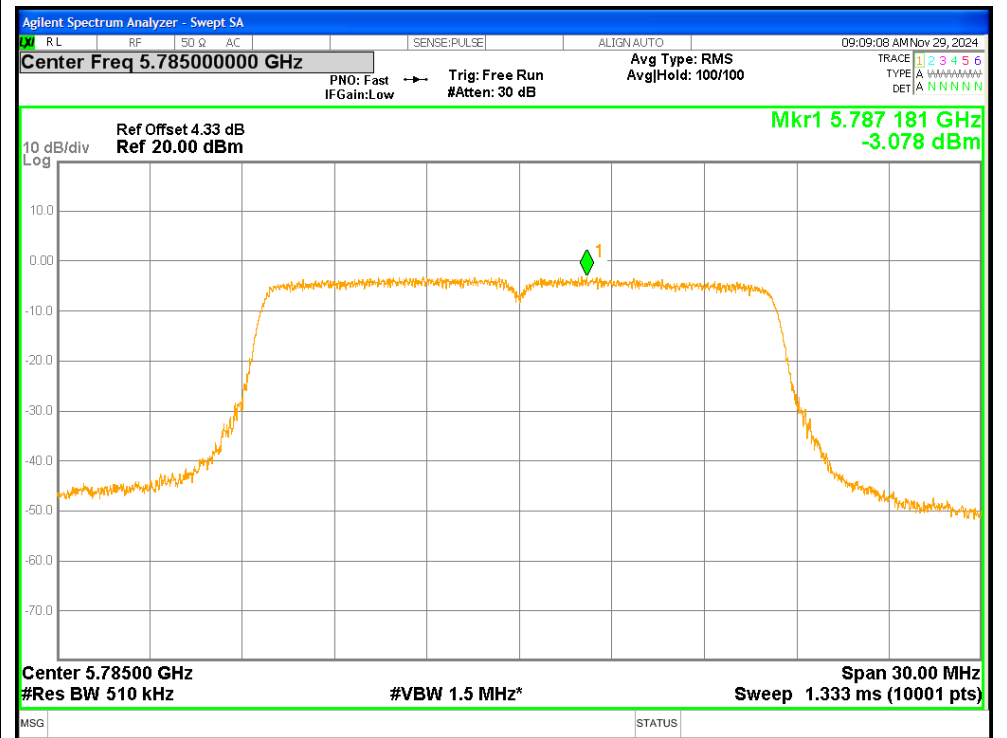
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm/500kHz) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -3.112              | 1.36             | -1.752          | <=30               | Pass    |
| NVNT      | a    | 5785            | Ant1    | -3.078              | 1.36             | -1.718          | <=30               | Pass    |
| NVNT      | a    | 5825            | Ant1    | -3.802              | 1.36             | -2.442          | <=30               | Pass    |
| NVNT      | a    | 5745            | Ant2    | -3.348              | 1.36             | -1.988          | <=30               | Pass    |
| NVNT      | a    | 5785            | Ant2    | -2.336              | 1.36             | -0.976          | <=30               | Pass    |
| NVNT      | a    | 5825            | Ant2    | -2.592              | 1.36             | -1.232          | <=30               | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -3.914              | 1.44             | -2.474          | <=30               | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -4.104              | 1.44             | -2.664          | <=30               | Pass    |
| NVNT      | n20  | 5745            | Sum     | -0.998              | 1.44             | 0.442           | <=29.96            | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -4.393              | 1.44             | -2.953          | <=30               | Pass    |
| NVNT      | n20  | 5785            | Ant2    | -3.275              | 1.44             | -1.835          | <=30               | Pass    |
| NVNT      | n20  | 5785            | Sum     | -0.788              | 1.44             | 0.652           | <=29.96            | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -4.768              | 1.44             | -3.328          | <=30               | Pass    |
| NVNT      | n20  | 5825            | Ant2    | -3.456              | 1.44             | -2.016          | <=30               | Pass    |
| NVNT      | n20  | 5825            | Sum     | -1.052              | 1.44             | 0.388           | <=29.96            | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -7.858              | 2.53             | -5.328          | <=30               | Pass    |
| NVNT      | n40  | 5755            | Ant2    | -7.458              | 2.53             | -4.928          | <=30               | Pass    |
| NVNT      | n40  | 5755            | Sum     | -4.643              | 2.53             | -2.113          | <=29.96            | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -8.156              | 2.52             | -5.636          | <=30               | Pass    |
| NVNT      | n40  | 5795            | Ant2    | -7.371              | 2.52             | -4.851          | <=30               | Pass    |
| NVNT      | n40  | 5795            | Sum     | -4.735              | 2.52             | -2.215          | <=29.96            | Pass    |

Test Graphs

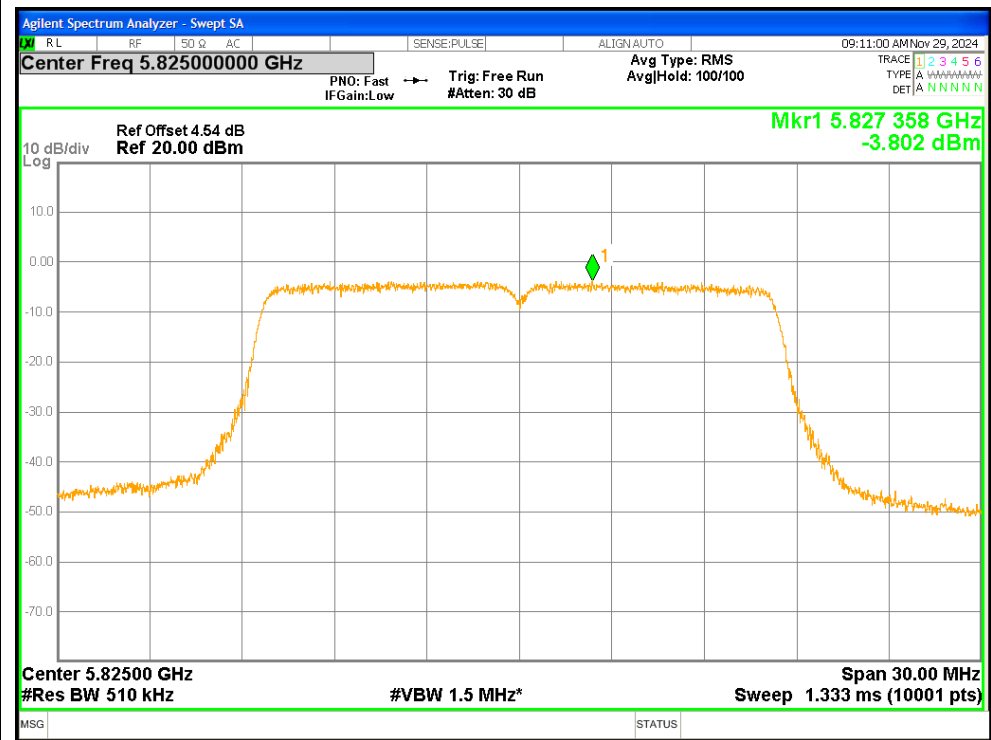
PSD NVNT a 5745MHz Ant1



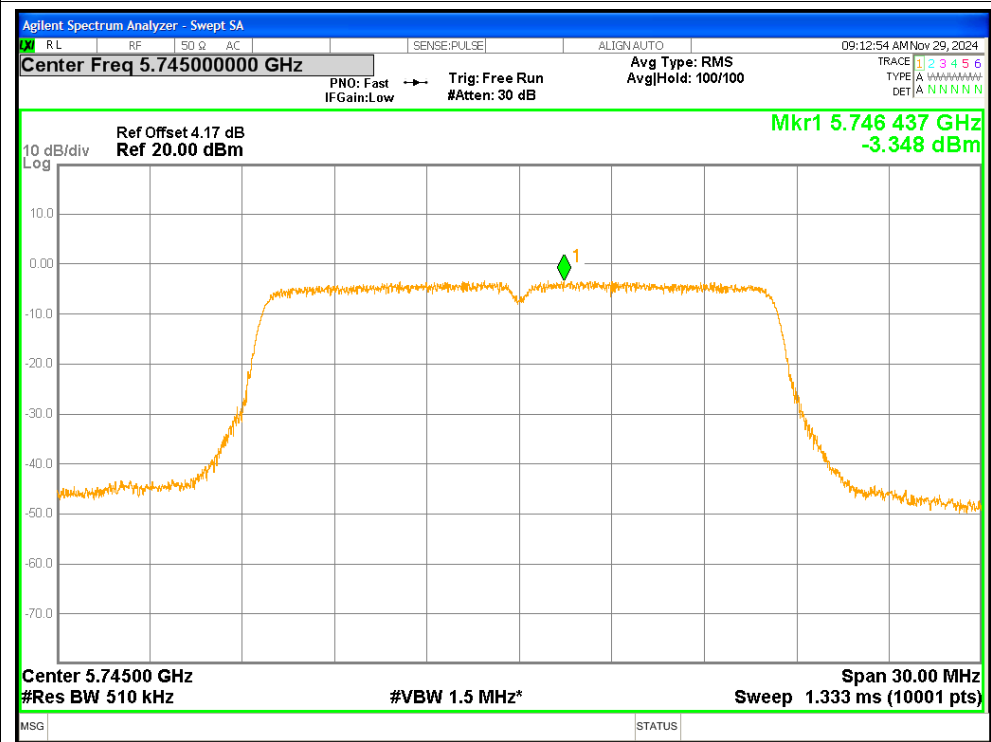
PSD NVNT a 5785MHz Ant1



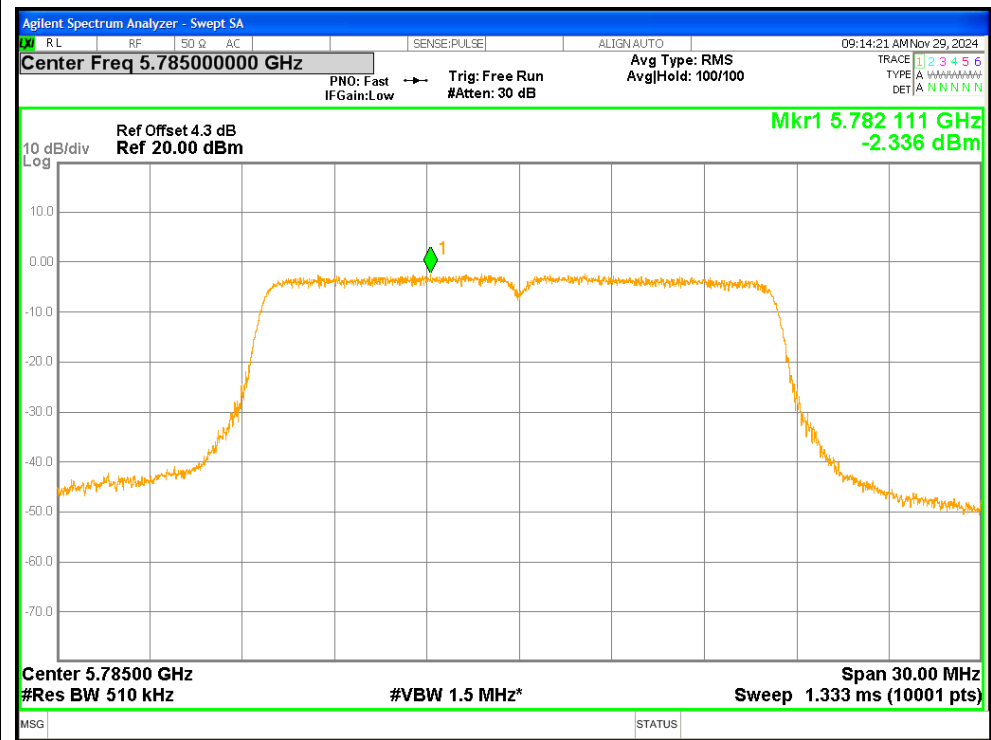
PSD NVNT a 5825MHz Ant1



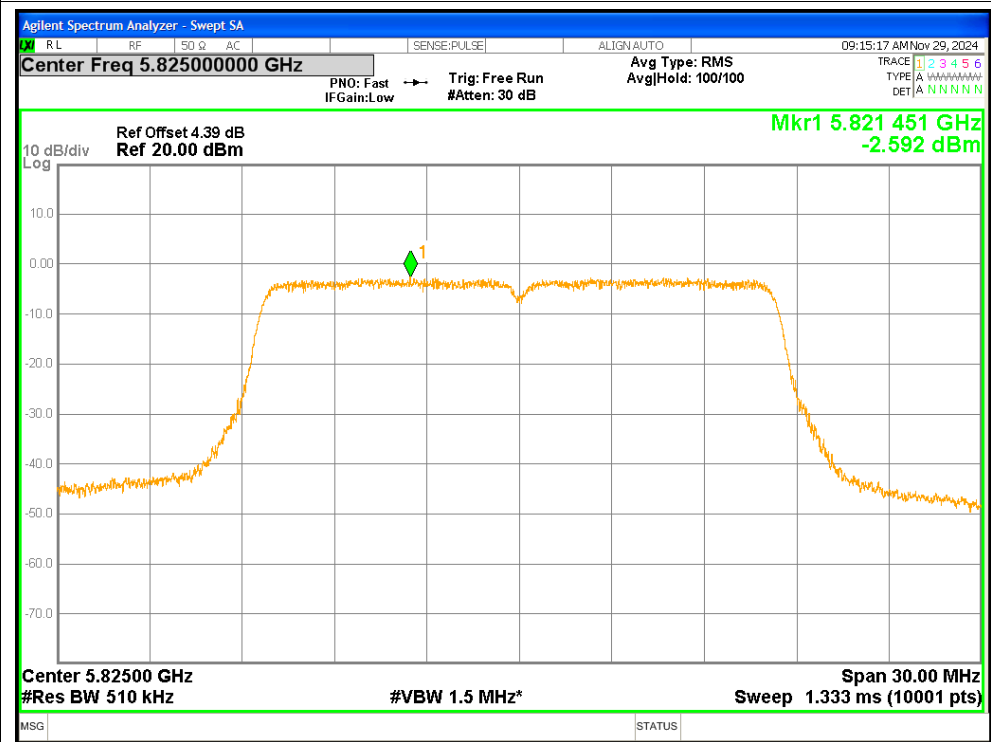
PSD NVNT a 5745MHz Ant2

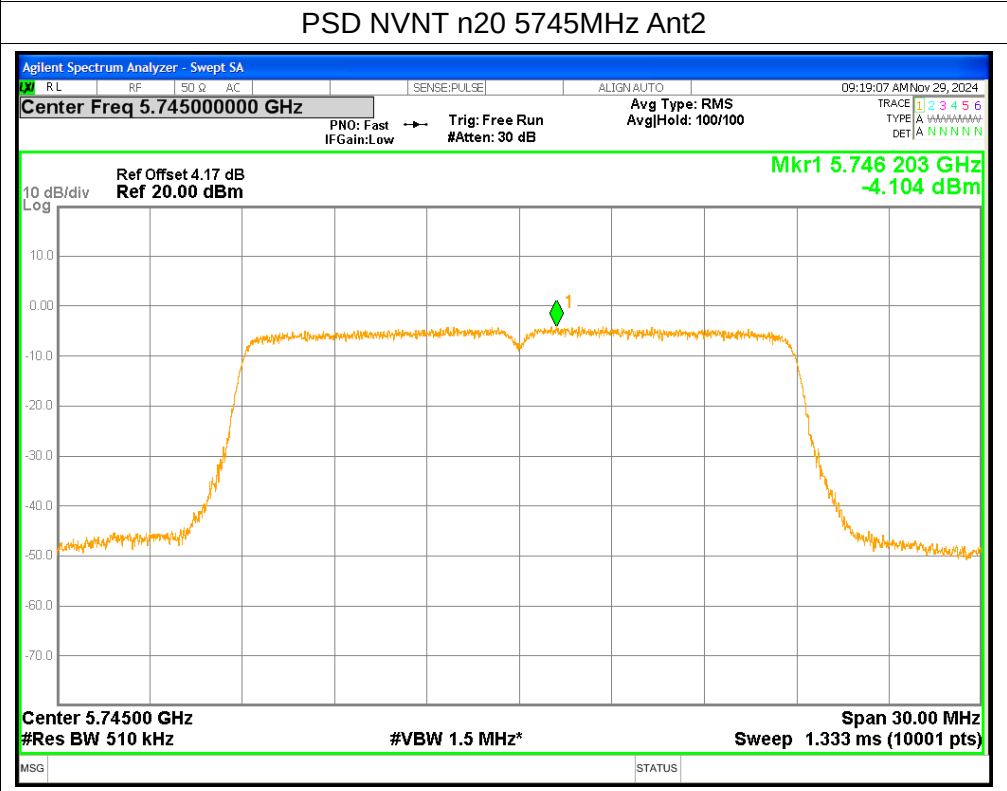
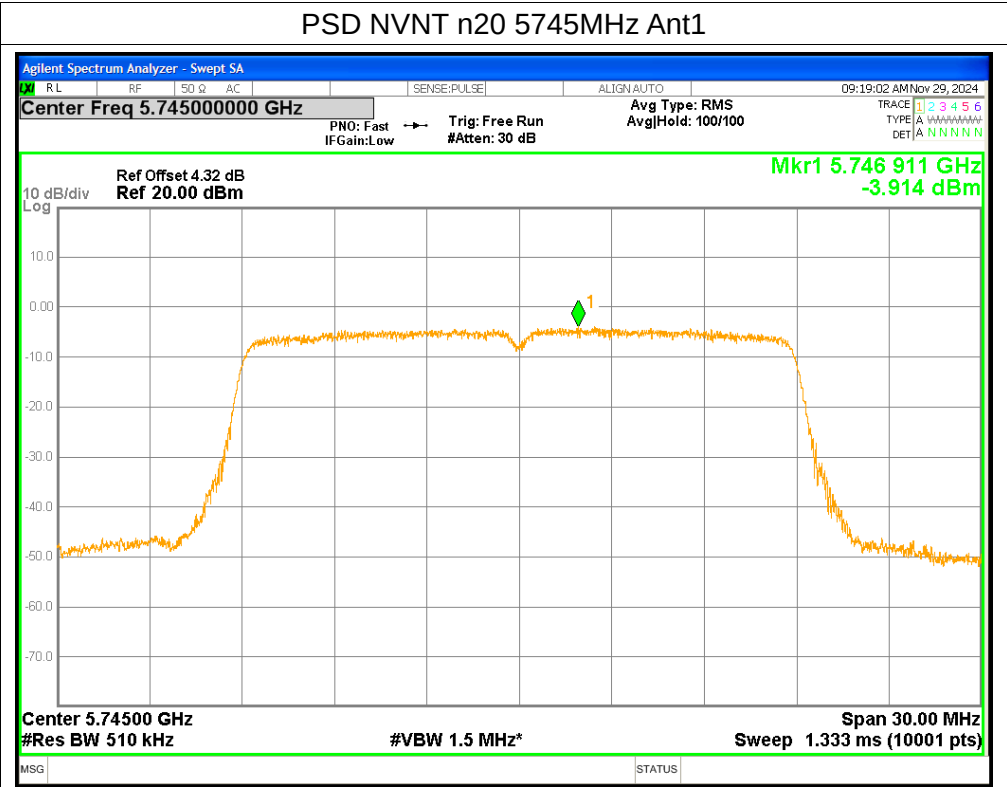


PSD NVNT a 5785MHz Ant2

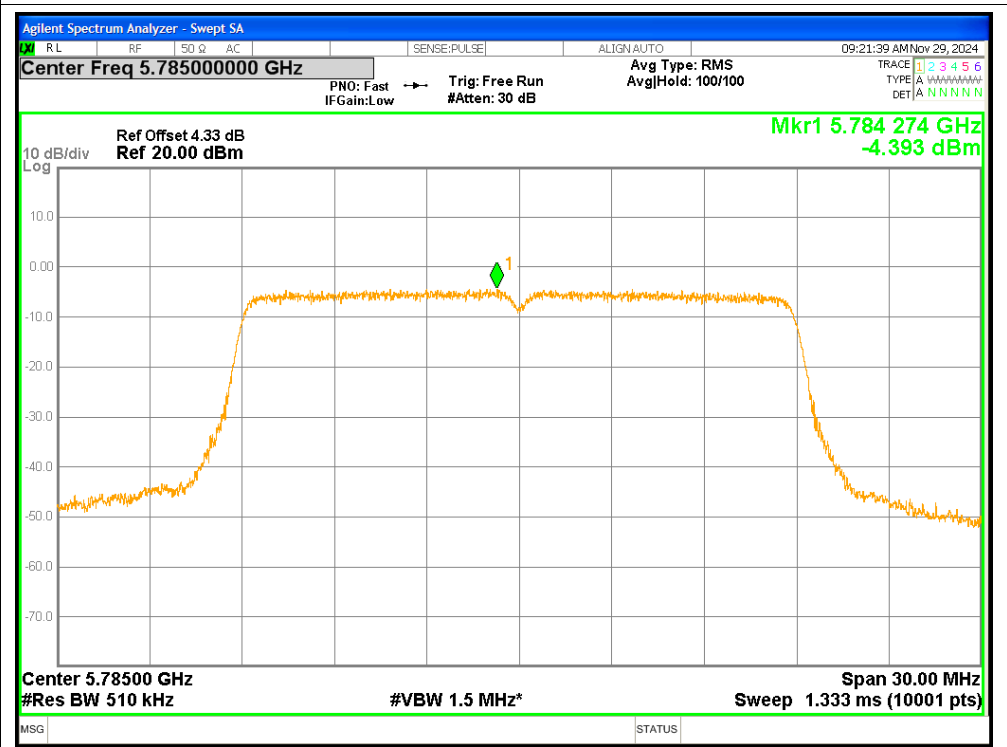


PSD NVNT a 5825MHz Ant2

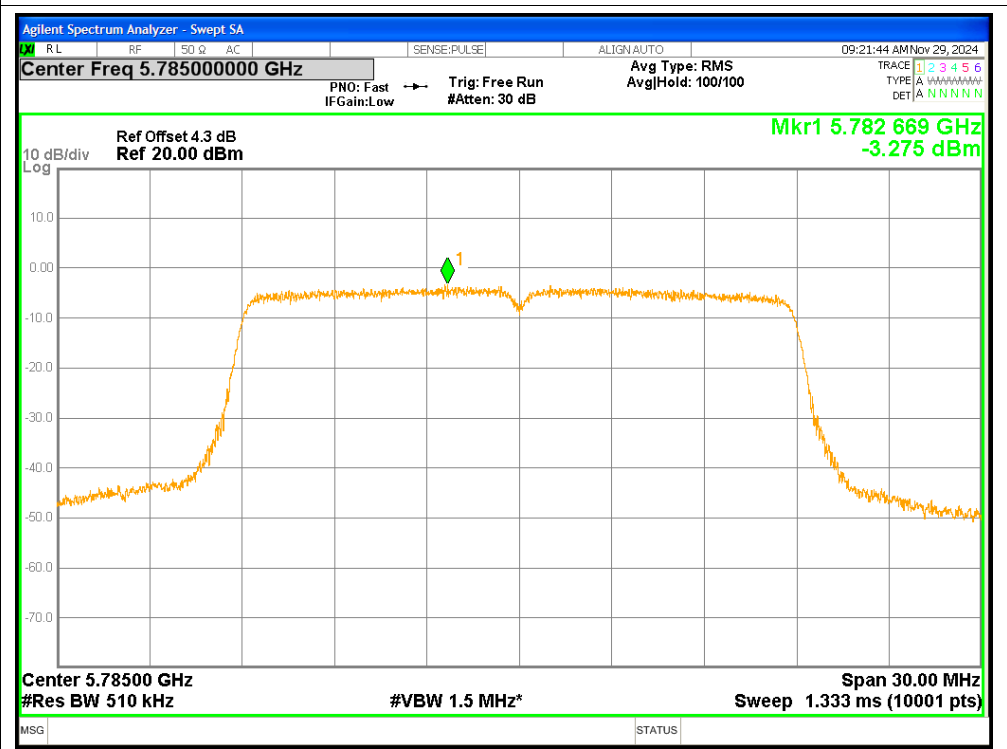




PSD NVNT n20 5785MHz Ant1

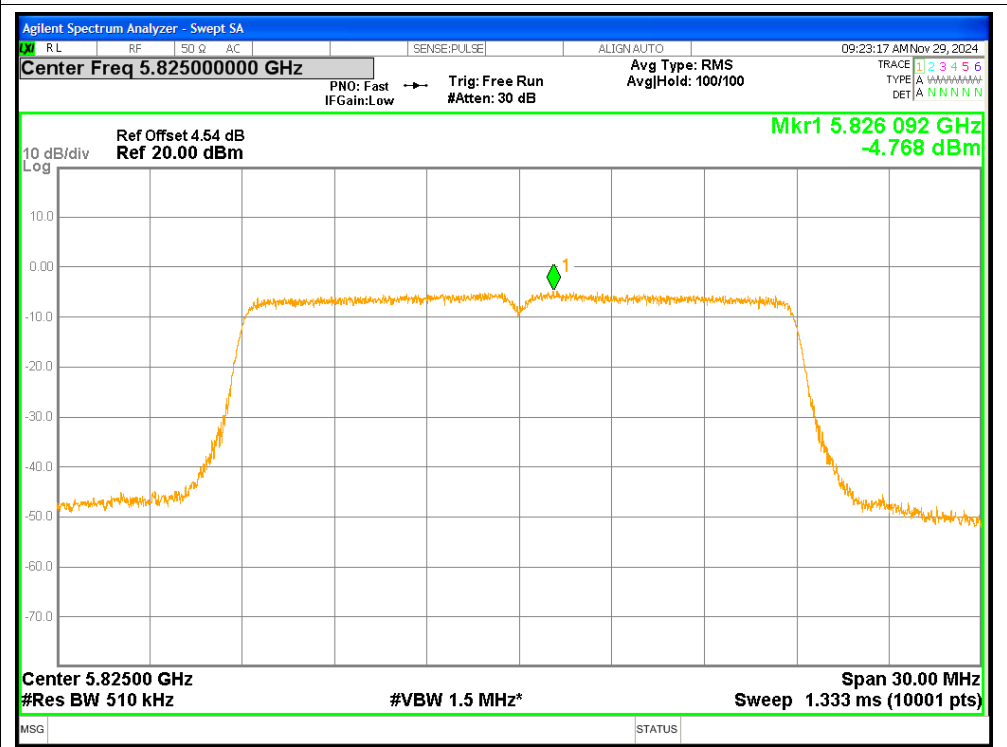


PSD NVNT n20 5785MHz Ant2

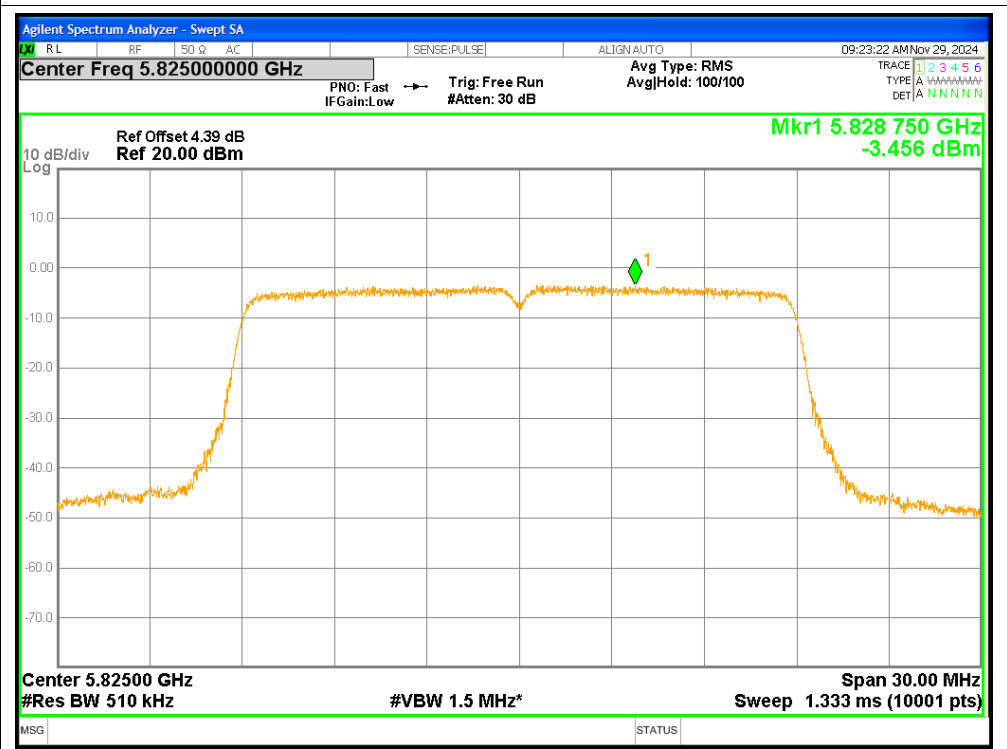




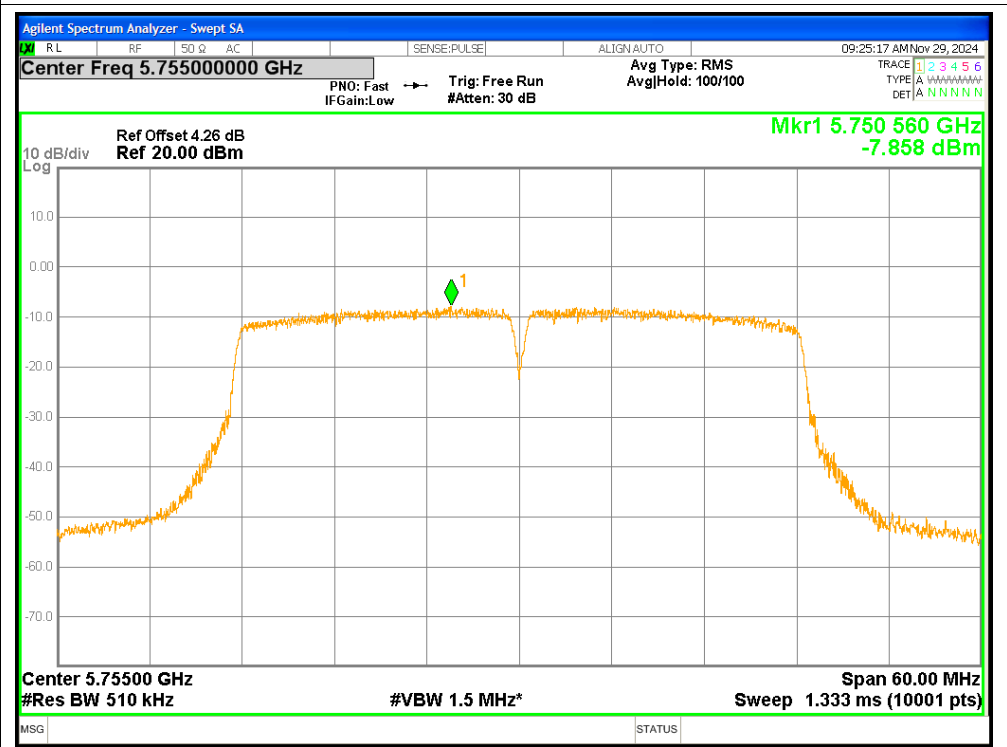
PSD NVNT n20 5825MHz Ant1



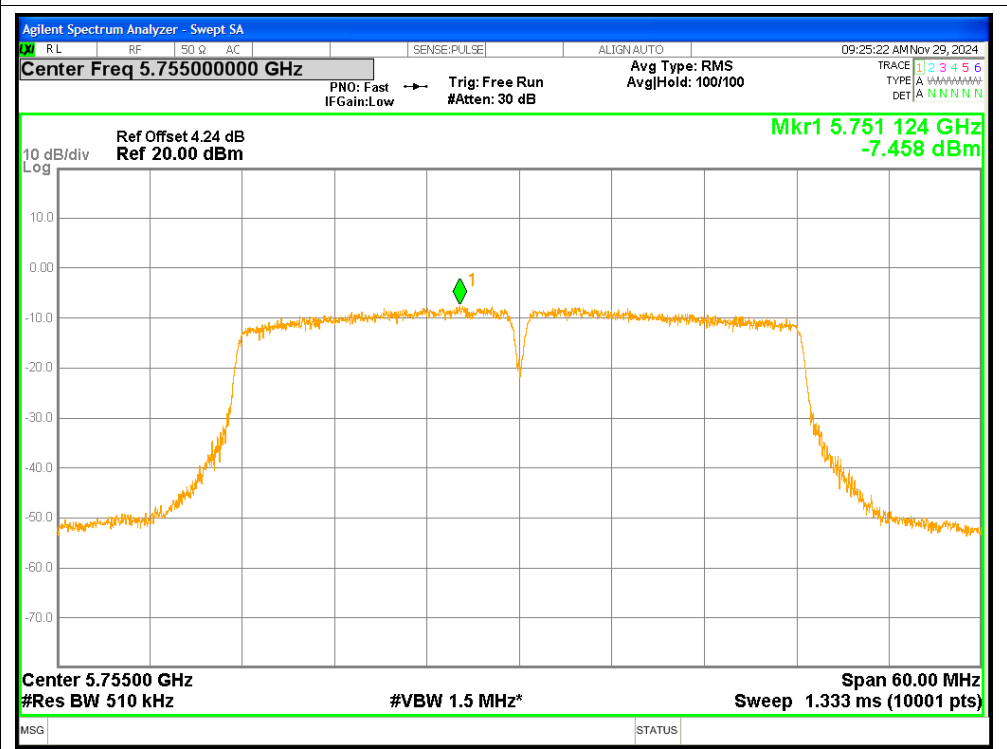
PSD NVNT n20 5825MHz Ant2



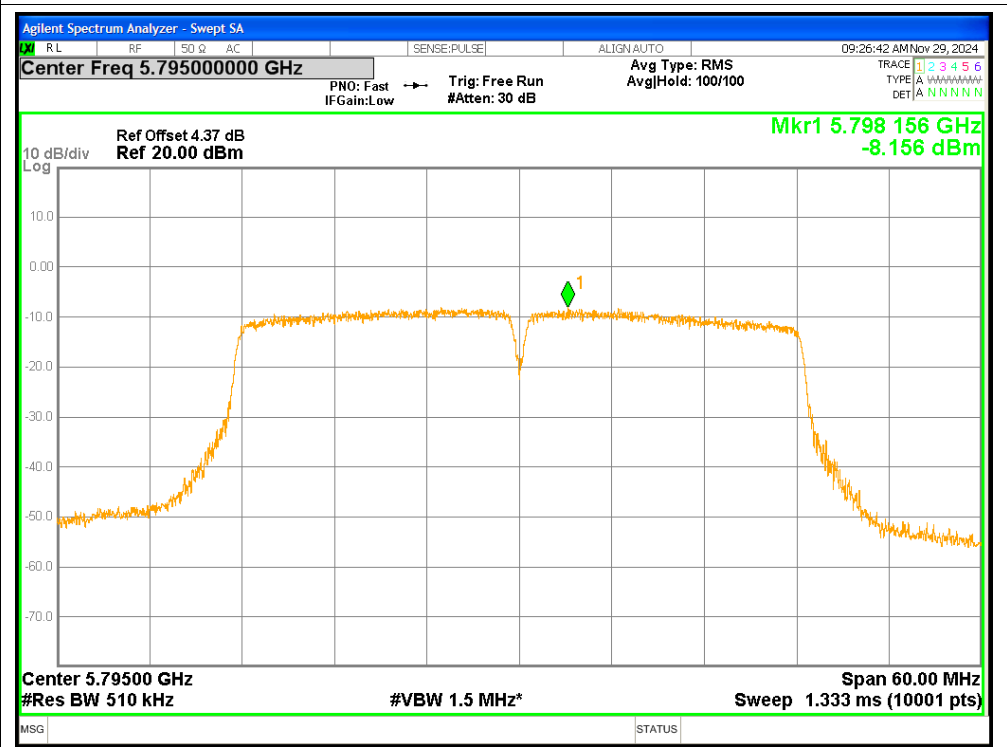
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

