

## Duty Cycle

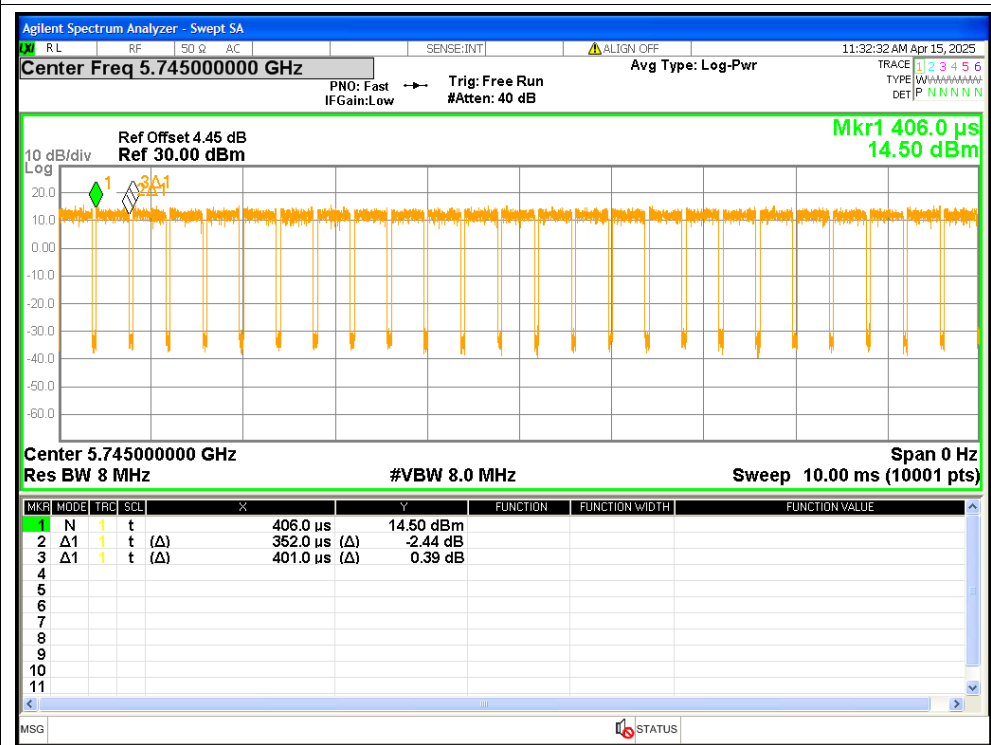
| Condition | Mode | Frequency (MHz) | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|--------------|-------------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 0.193        | 0.241       | 80.08          | 0.96                   | 5.18      |
| NVNT      | a    | 5785            | Ant1    | 0.193        | 0.24        | 80.42          | 0.95                   | 5.18      |
| NVNT      | a    | 5825            | Ant1    | 0.192        | 0.24        | 80             | 0.97                   | 5.21      |
| NVNT      | a    | 5745            | Ant2    | 0.192        | 0.239       | 80.33          | 0.95                   | 5.21      |
| NVNT      | a    | 5785            | Ant2    | 0.193        | 0.24        | 80.42          | 0.95                   | 5.18      |
| NVNT      | a    | 5825            | Ant2    | 0.193        | 0.24        | 80.42          | 0.95                   | 5.18      |
| NVNT      | n20  | 5745            | MIMO    | 0.352        | 0.401       | 87.78          | 0.57                   | 2.84      |
| NVNT      | n20  | 5785            | MIMO    | 0.353        | 0.401       | 88.03          | 0.55                   | 2.83      |
| NVNT      | n20  | 5825            | MIMO    | 0.353        | 0.4         | 88.25          | 0.54                   | 2.83      |



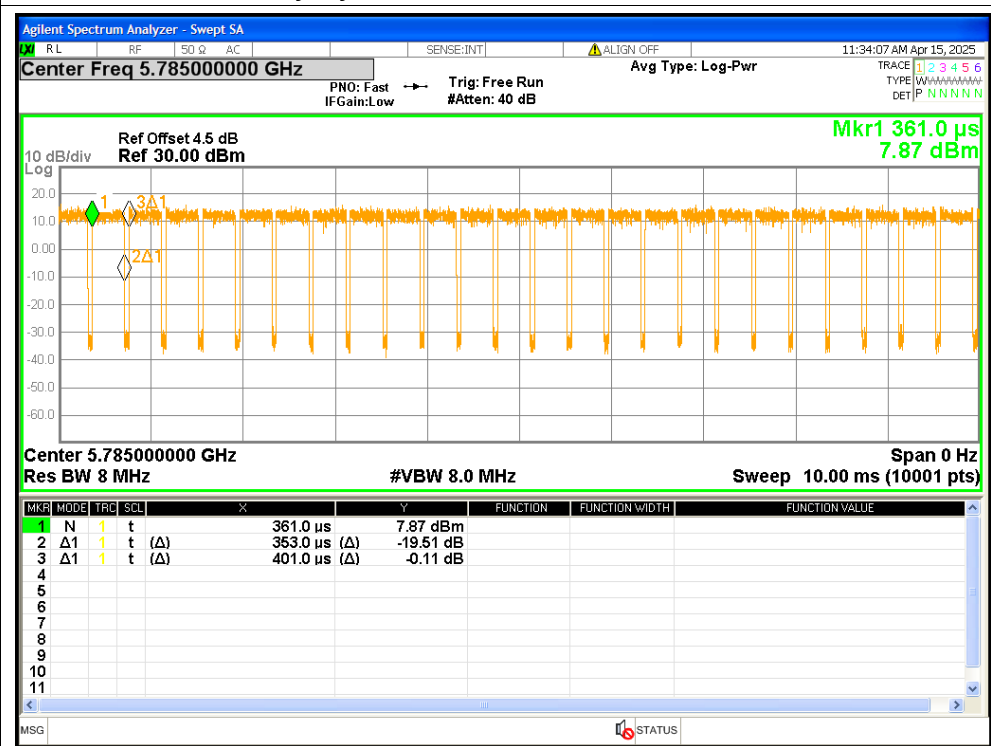
Duty Cycle NVNT a 5825MHz Ant1

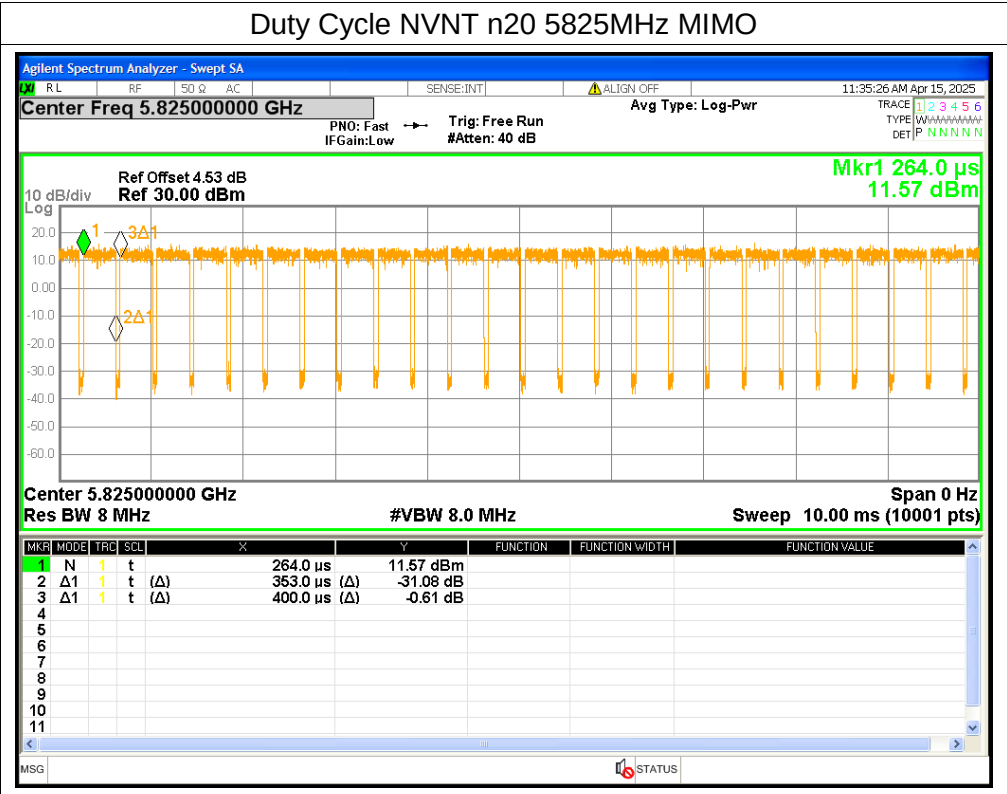
Duty Cycle NVNT a 5785MHz Ant2

Duty Cycle NVNT n20 5745MHz MIMO



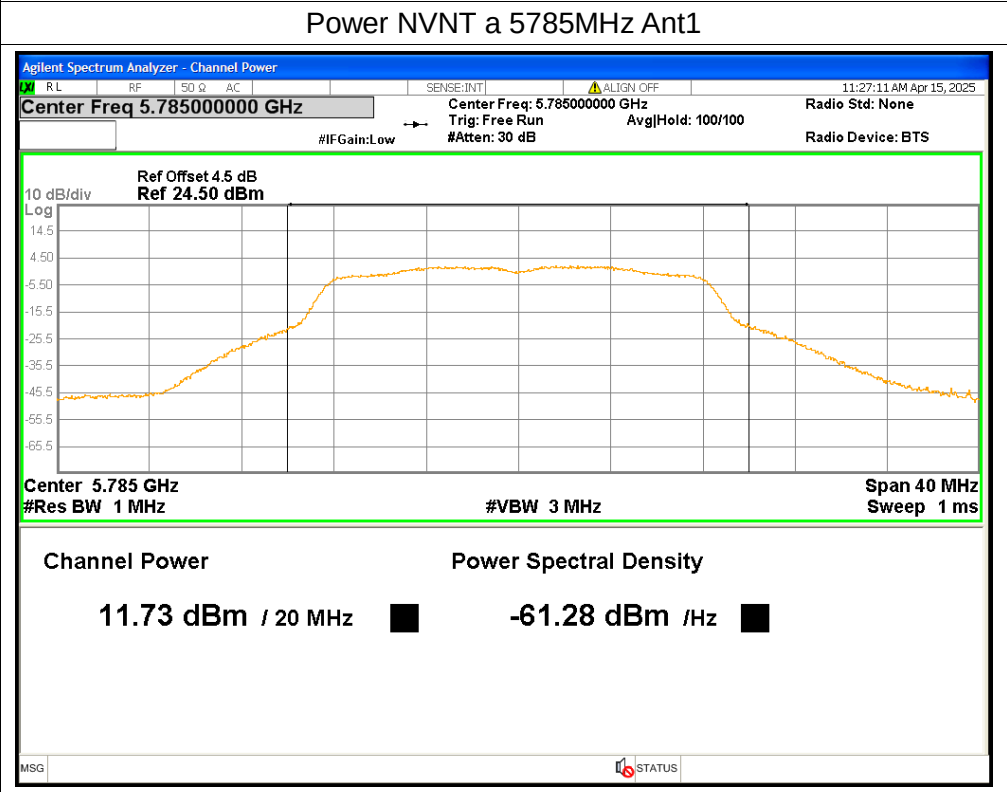
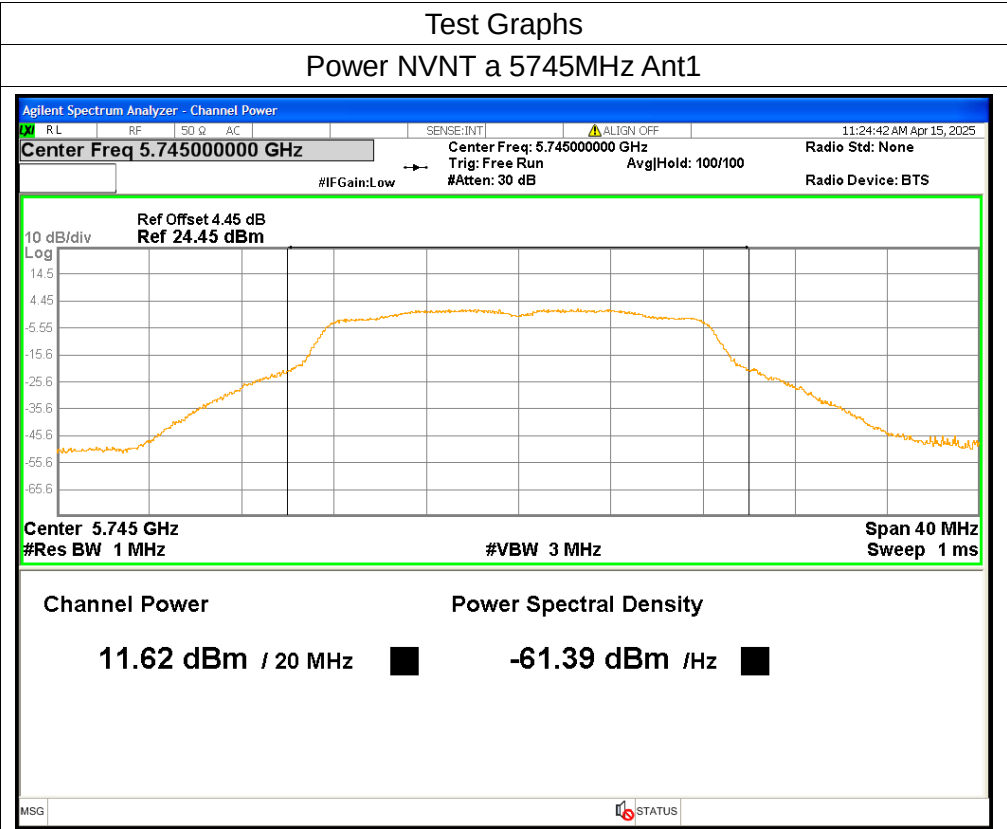
Duty Cycle NVNT n20 5785MHz MIMO





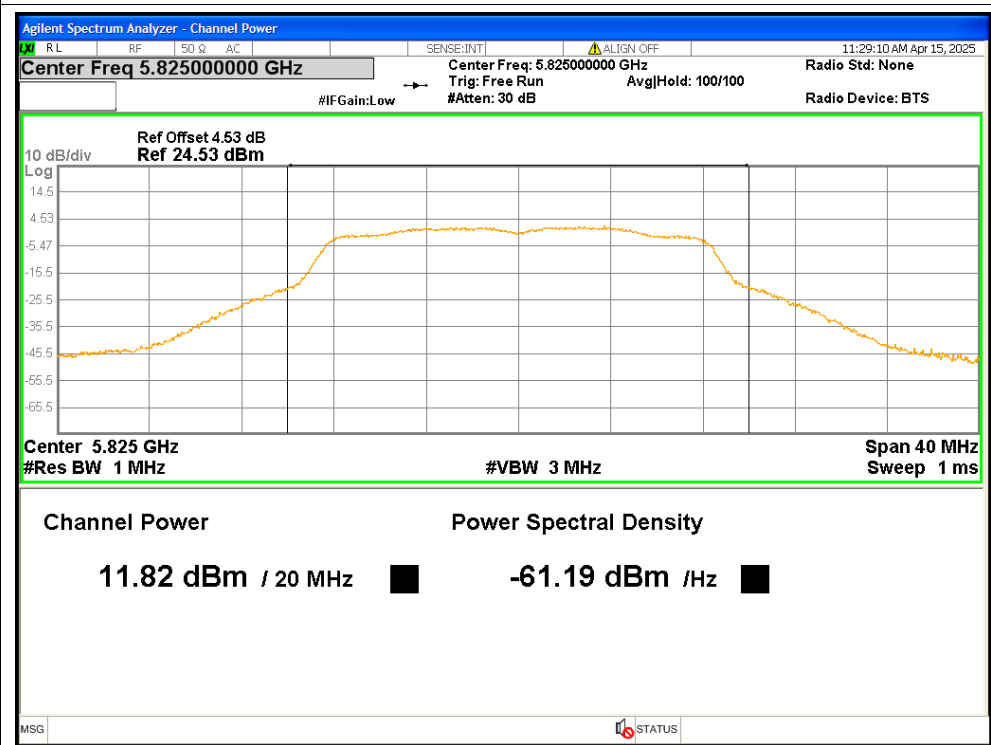
## Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 11.62                 | 0.96             | 12.58             | <=30        | Pass    |
| NVNT      | a    | 5785            | Ant1    | 11.73                 | 0.95             | 12.68             | <=30        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 11.82                 | 0.97             | 12.79             | <=30        | Pass    |
| NVNT      | a    | 5745            | Ant2    | 11.08                 | 0.95             | 12.03             | <=30        | Pass    |
| NVNT      | a    | 5785            | Ant2    | 11.22                 | 0.95             | 12.17             | <=30        | Pass    |
| NVNT      | a    | 5825            | Ant2    | 11.39                 | 0.95             | 12.34             | <=30        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 10                    | 0.57             | 10.57             | <=30        | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 9.4                   | 0.57             | 9.97              | <=30        | Pass    |
| NVNT      | n20  | 5745            | MIMO    | 12.72                 | 0.57             | 13.29             | <=29.05     | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 10.11                 | 0.55             | 10.66             | <=30        | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 9.59                  | 0.55             | 10.14             | <=30        | Pass    |
| NVNT      | n20  | 5785            | MIMO    | 12.87                 | 0.55             | 13.42             | <=29.05     | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 10.06                 | 0.54             | 10.6              | <=30        | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 9.58                  | 0.54             | 10.12             | <=30        | Pass    |
| NVNT      | n20  | 5825            | MIMO    | 12.84                 | 0.54             | 13.38             | <=29.05     | Pass    |

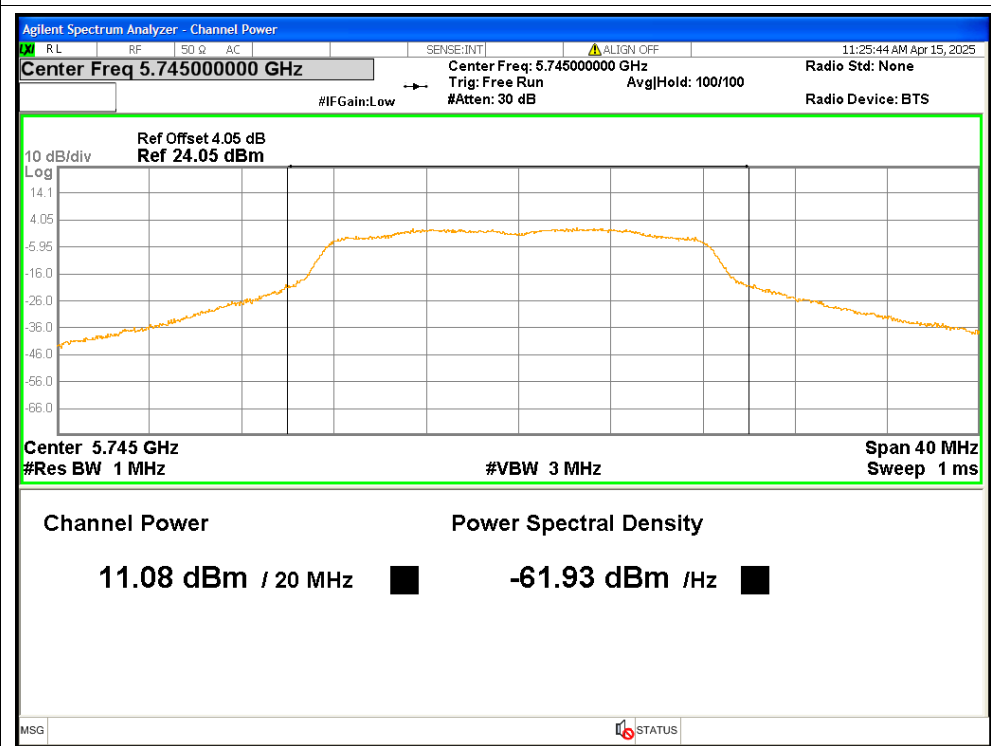




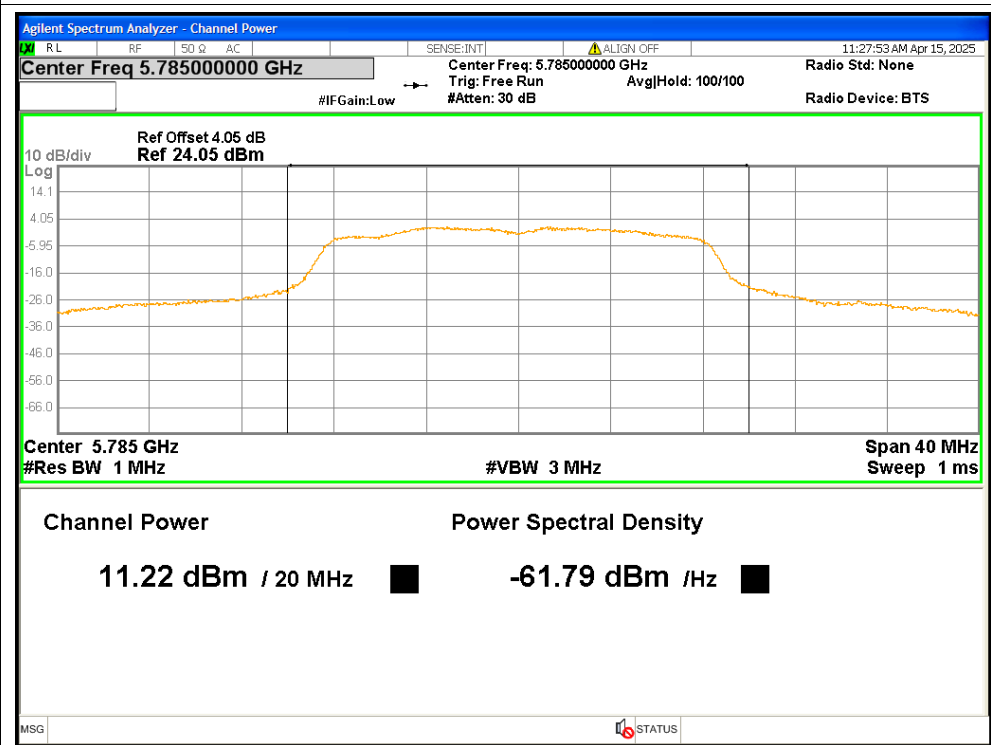
Power NVNT a 5825MHz Ant1



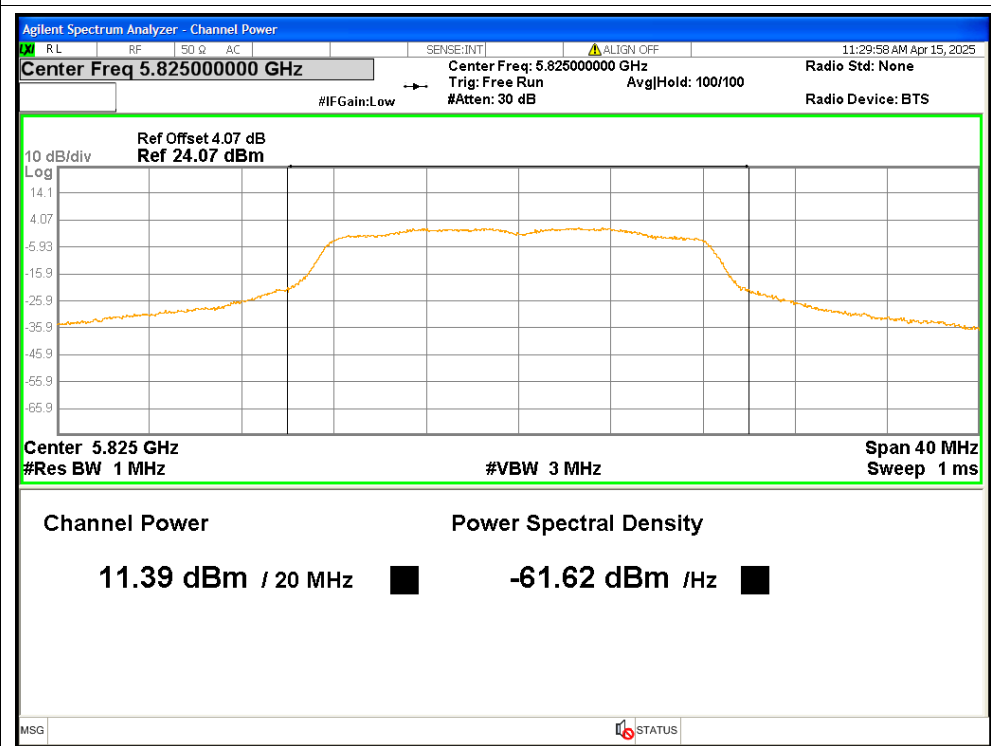
Power NVNT a 5745MHz Ant2

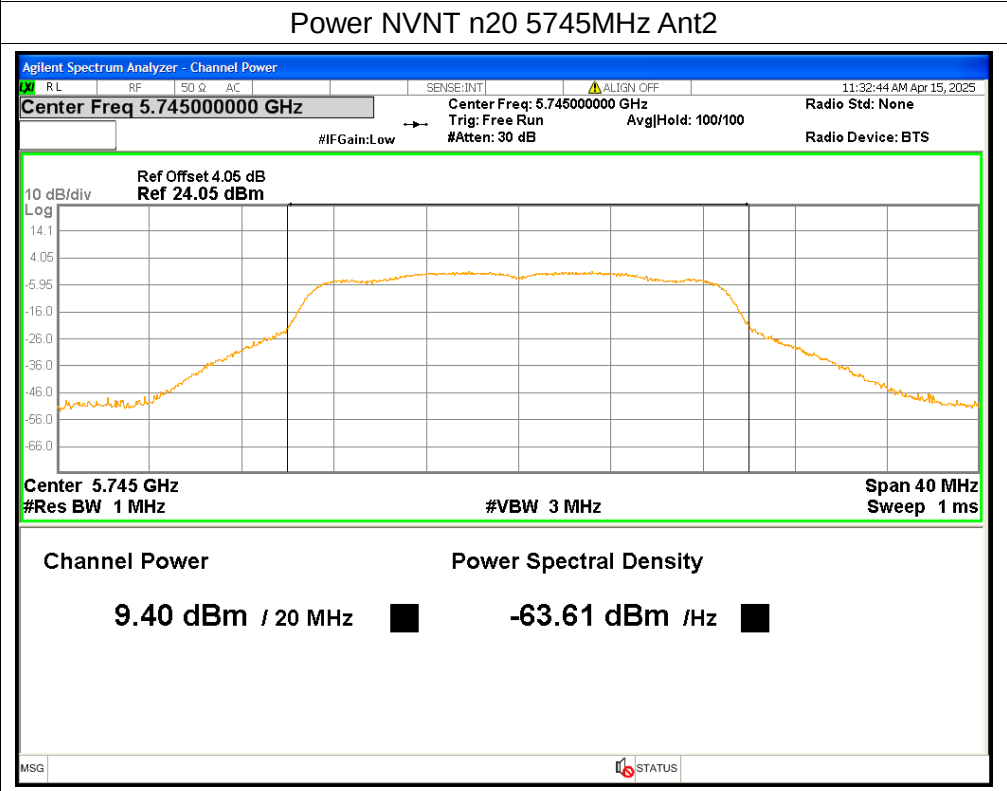
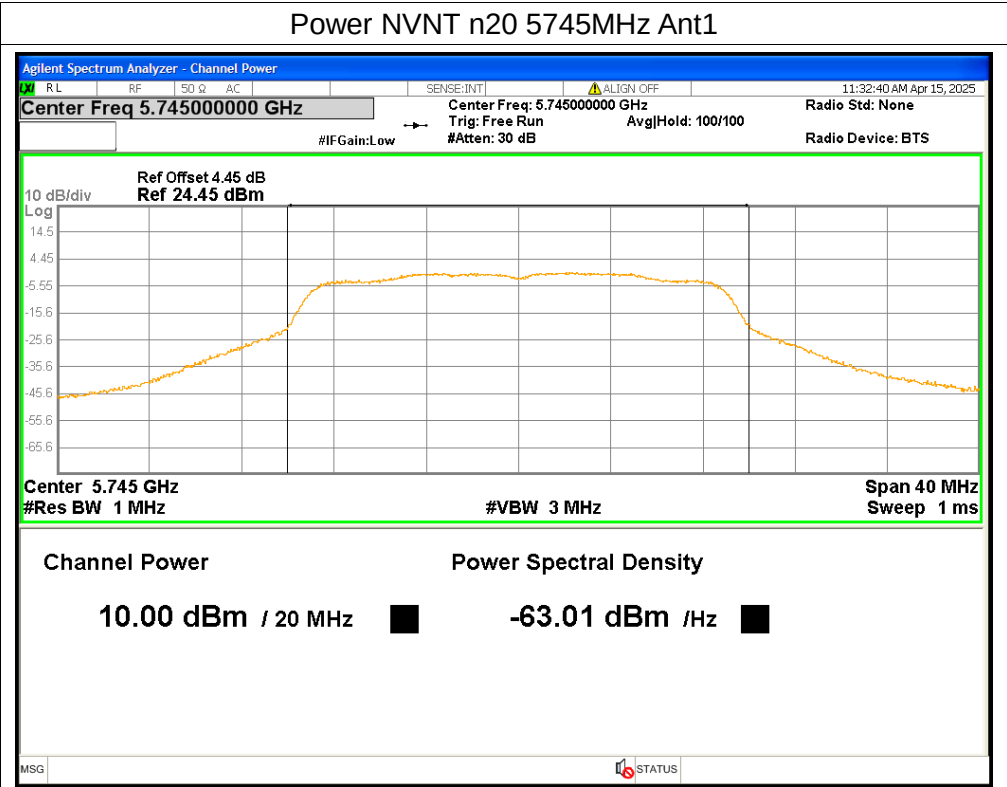


Power NVNT a 5785MHz Ant2

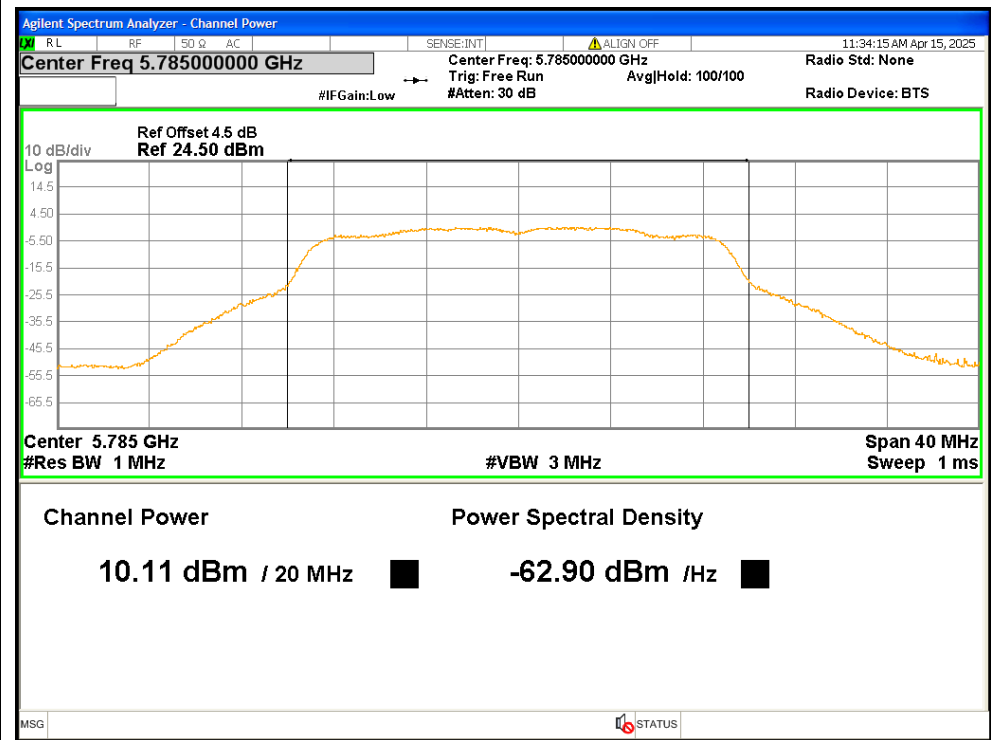


Power NVNT a 5825MHz Ant2

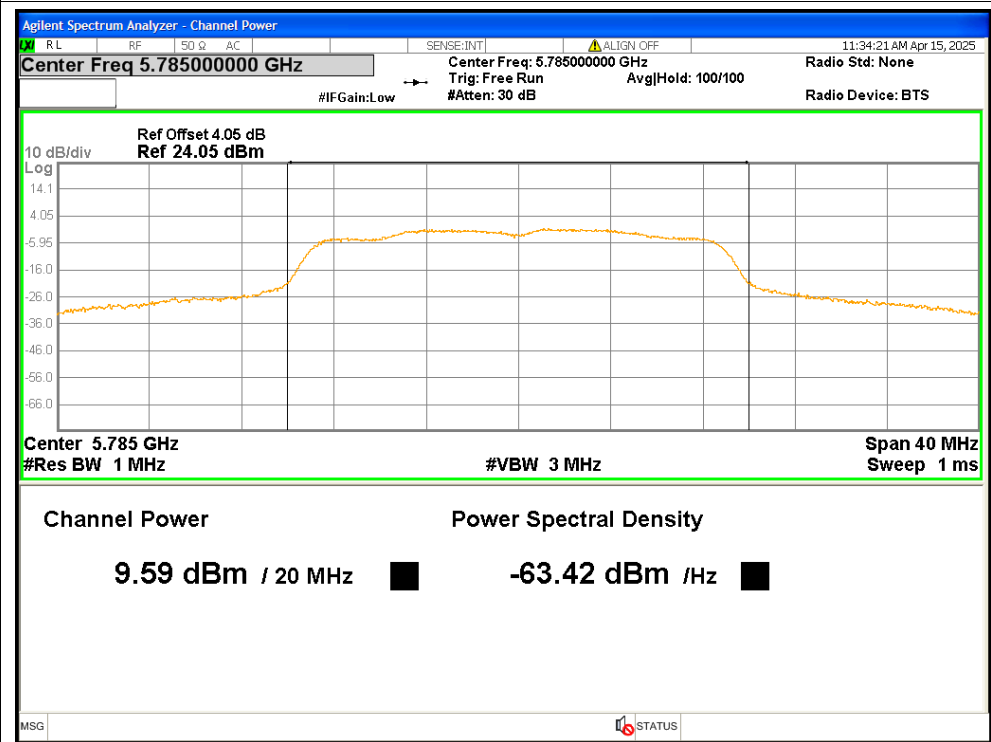




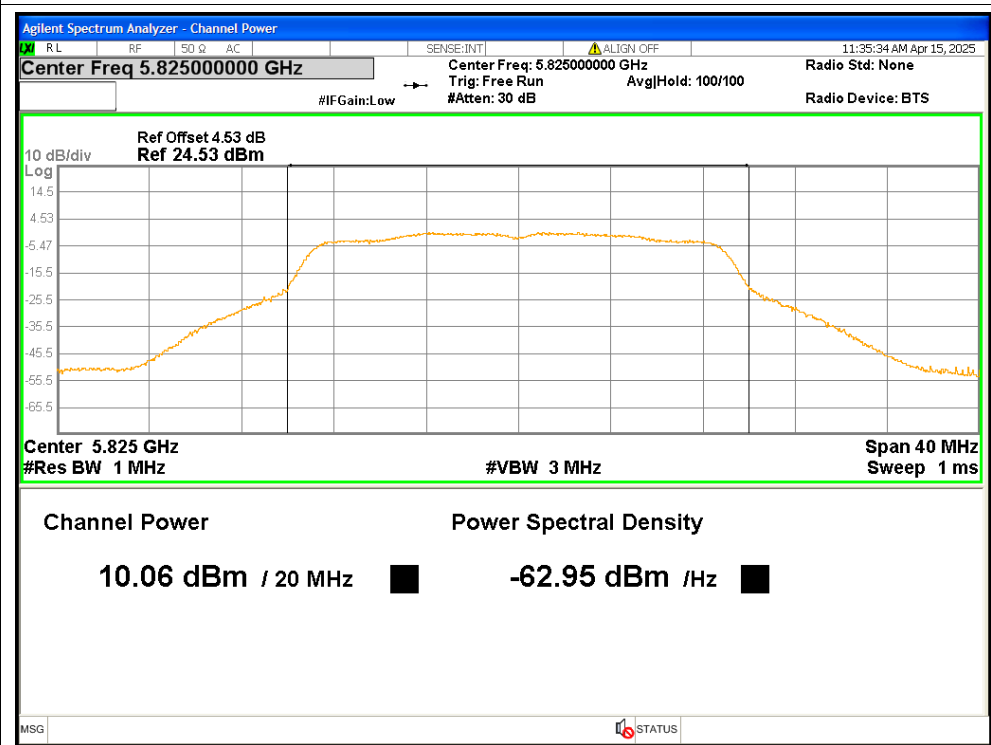
Power NVNT n20 5785MHz Ant1



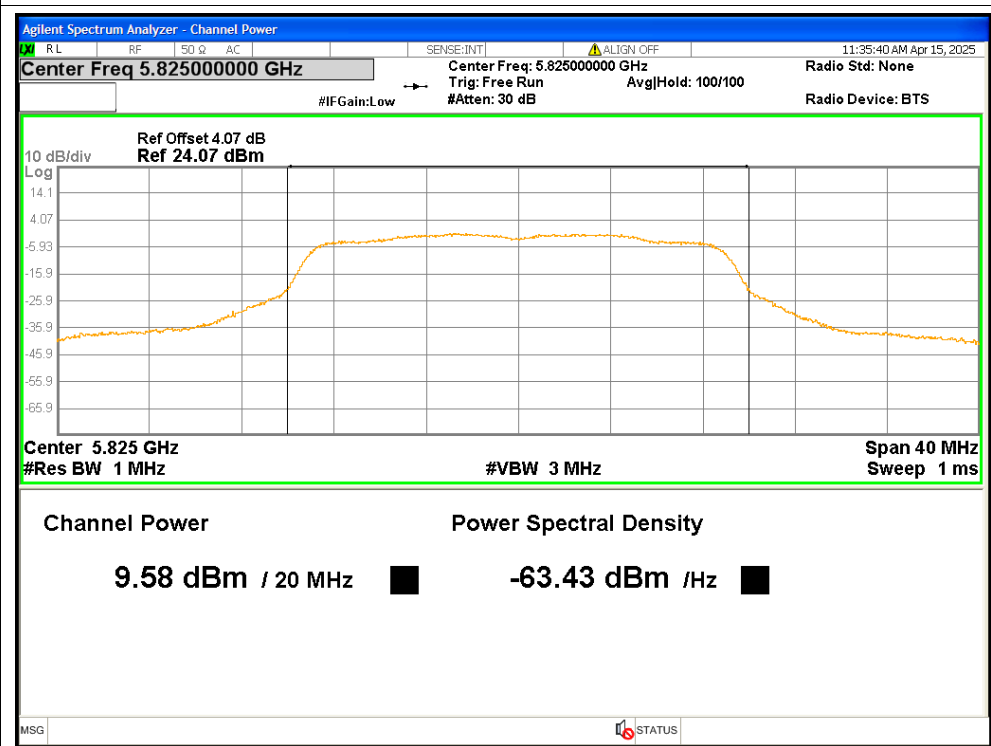
Power NVNT n20 5785MHz Ant2



Power NVNT n20 5825MHz Ant1



Power NVNT n20 5825MHz Ant2

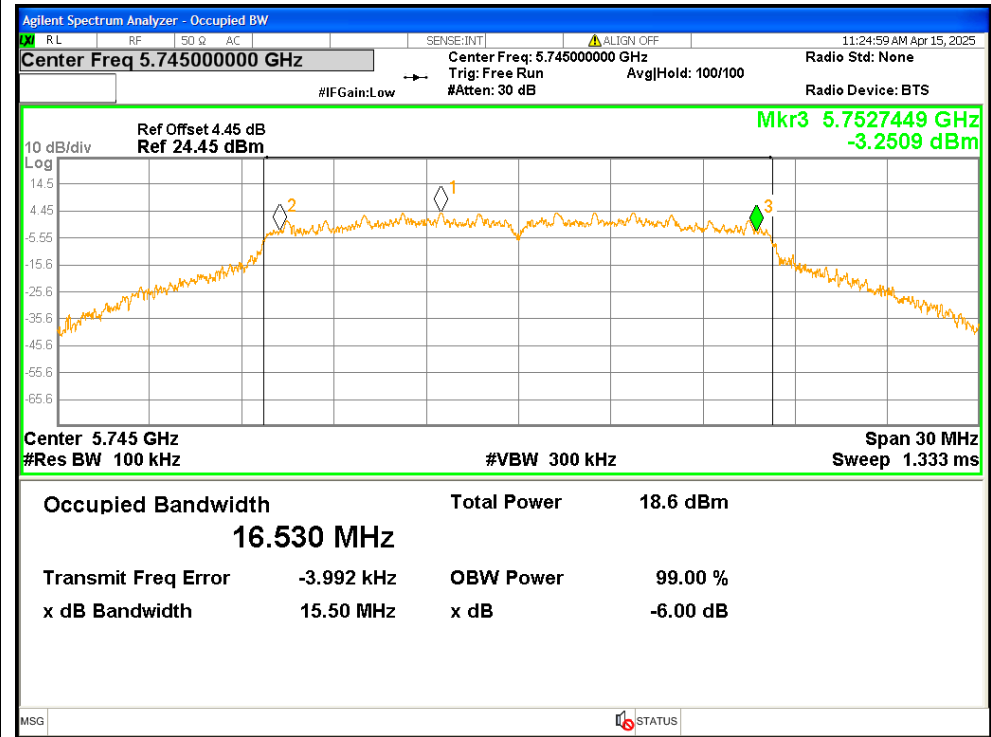


**-6dB Bandwidth**

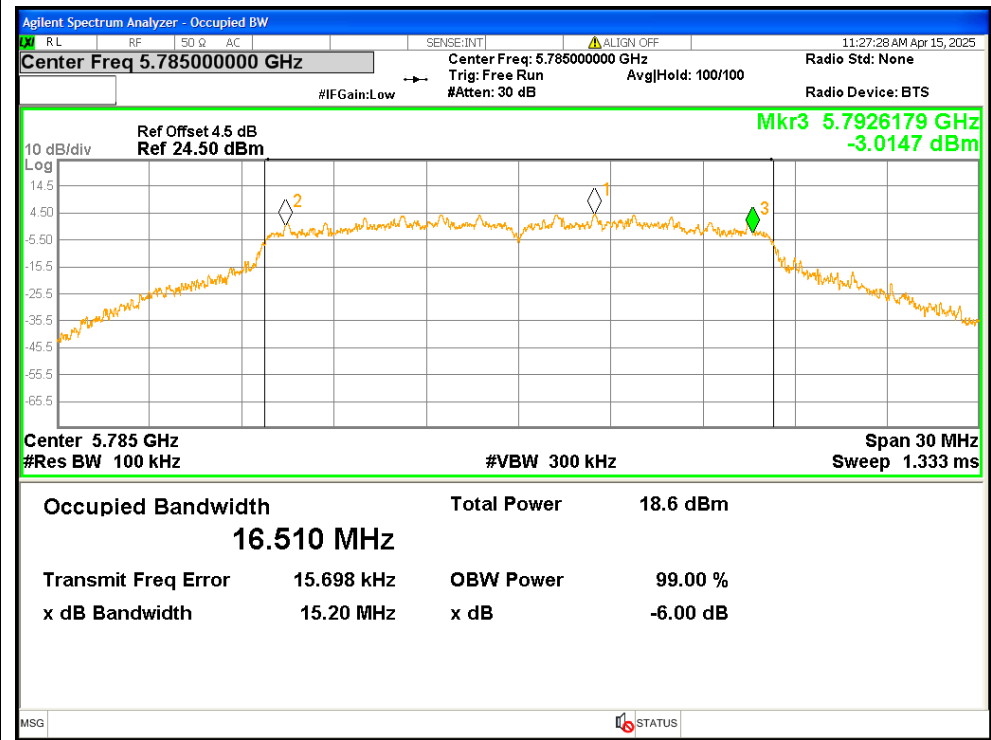
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 15.4978               | >=0.5                       | Pass    |
| NVNT      | a    | 5785            | Ant1    | 15.2044               | >=0.5                       | Pass    |
| NVNT      | a    | 5825            | Ant1    | 15.9056               | >=0.5                       | Pass    |
| NVNT      | a    | 5745            | Ant2    | 15.647                | >=0.5                       | Pass    |
| NVNT      | a    | 5785            | Ant2    | 15.1742               | >=0.5                       | Pass    |
| NVNT      | a    | 5825            | Ant2    | 15.124                | >=0.5                       | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 16.3407               | >=0.5                       | Pass    |
| NVNT      | n20  | 5745            | Ant2    | 16.5615               | >=0.5                       | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 16.9425               | >=0.5                       | Pass    |
| NVNT      | n20  | 5785            | Ant2    | 15.8939               | >=0.5                       | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 16.7606               | >=0.5                       | Pass    |
| NVNT      | n20  | 5825            | Ant2    | 15.9686               | >=0.5                       | Pass    |

Test Graphs

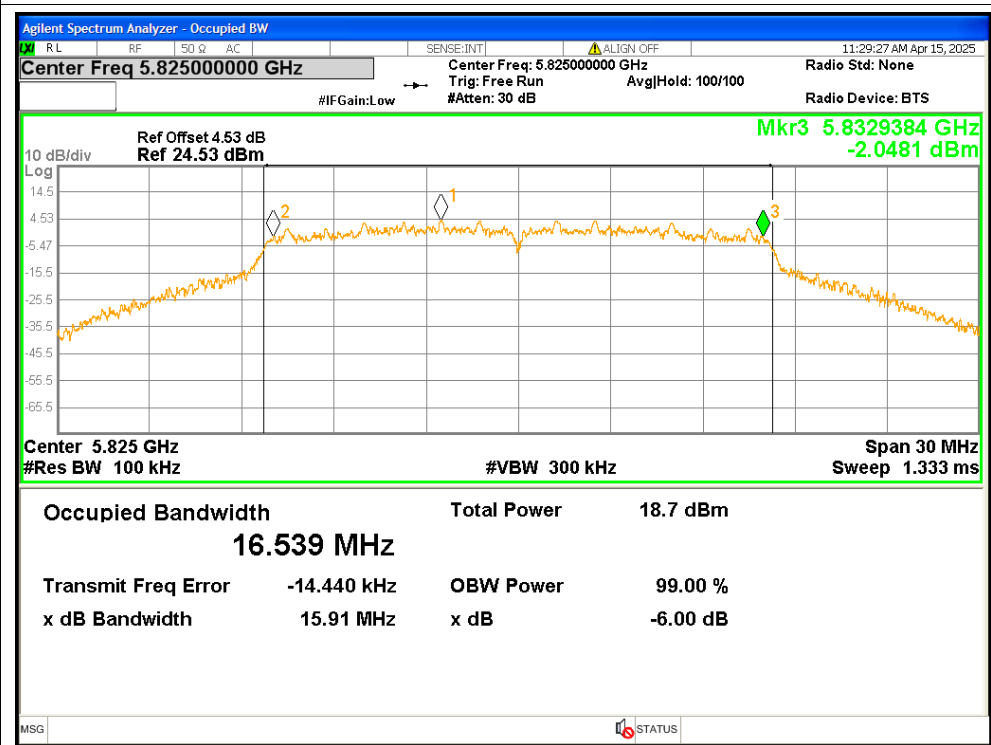
-6dB Bandwidth NVNT a 5745MHz Ant1



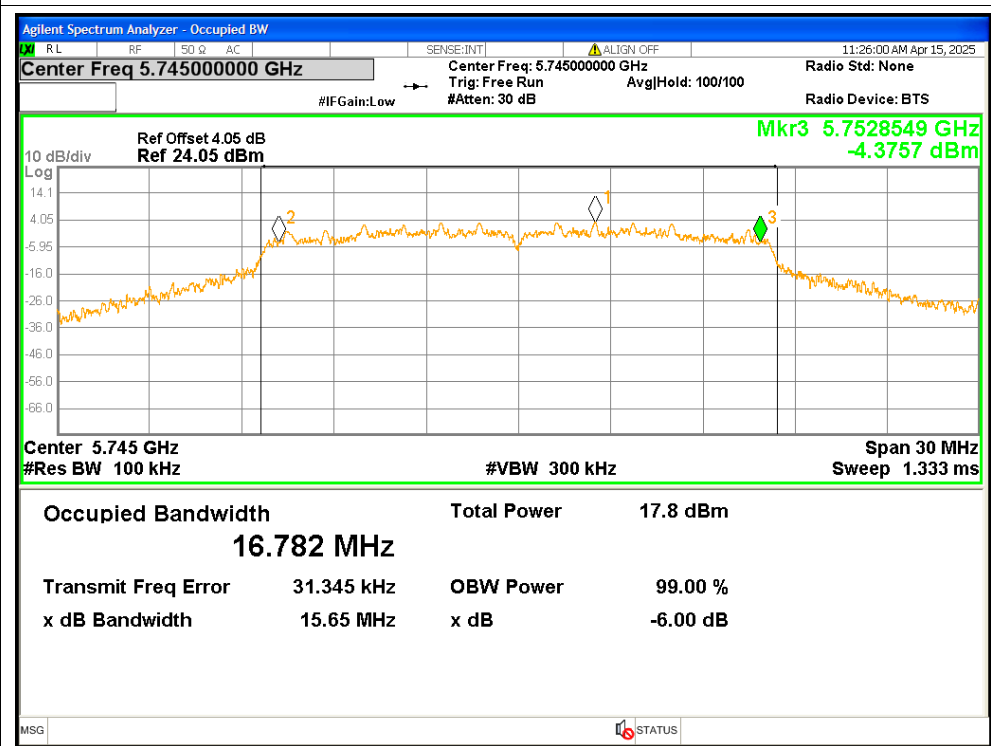
-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1

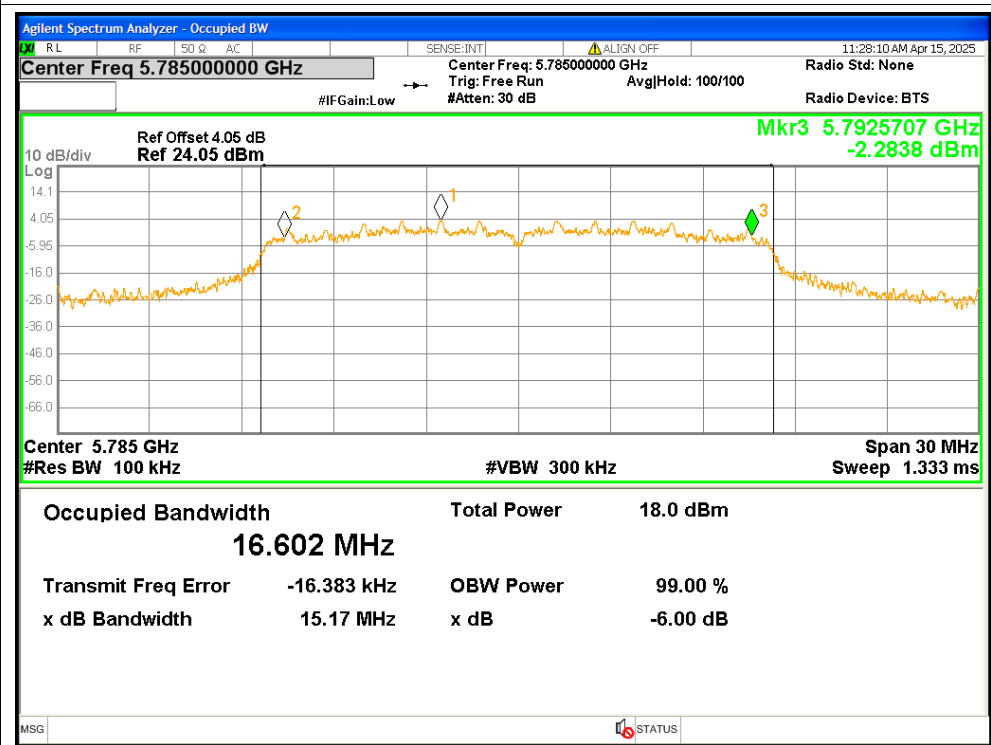


-6dB Bandwidth NVNT a 5745MHz Ant2

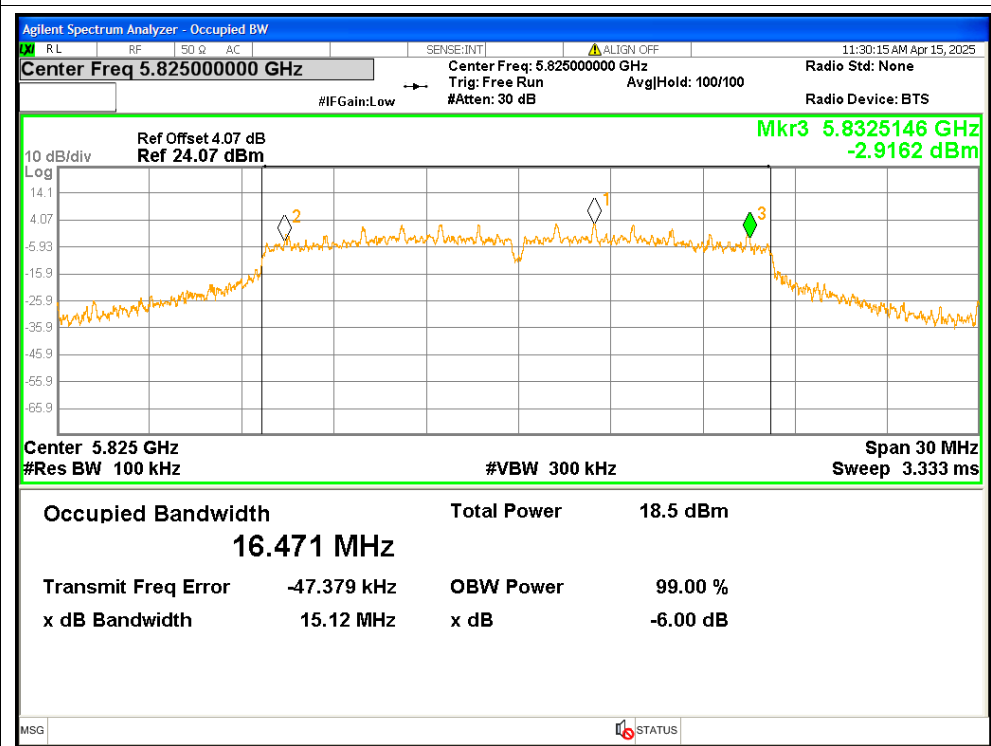




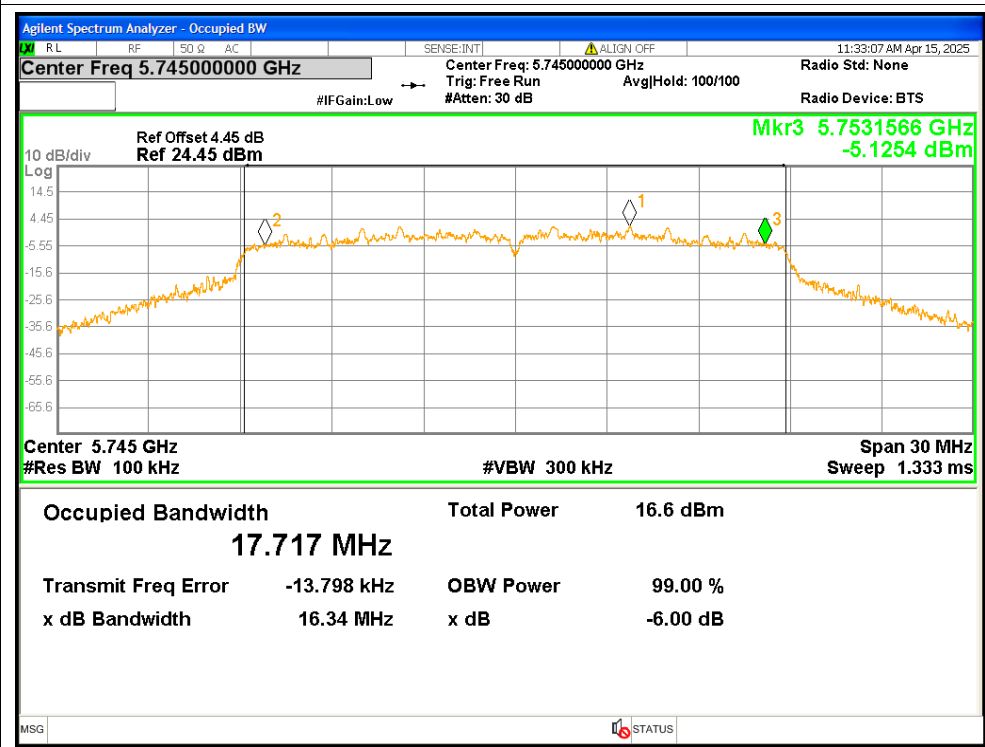
-6dB Bandwidth NVNT a 5785MHz Ant2



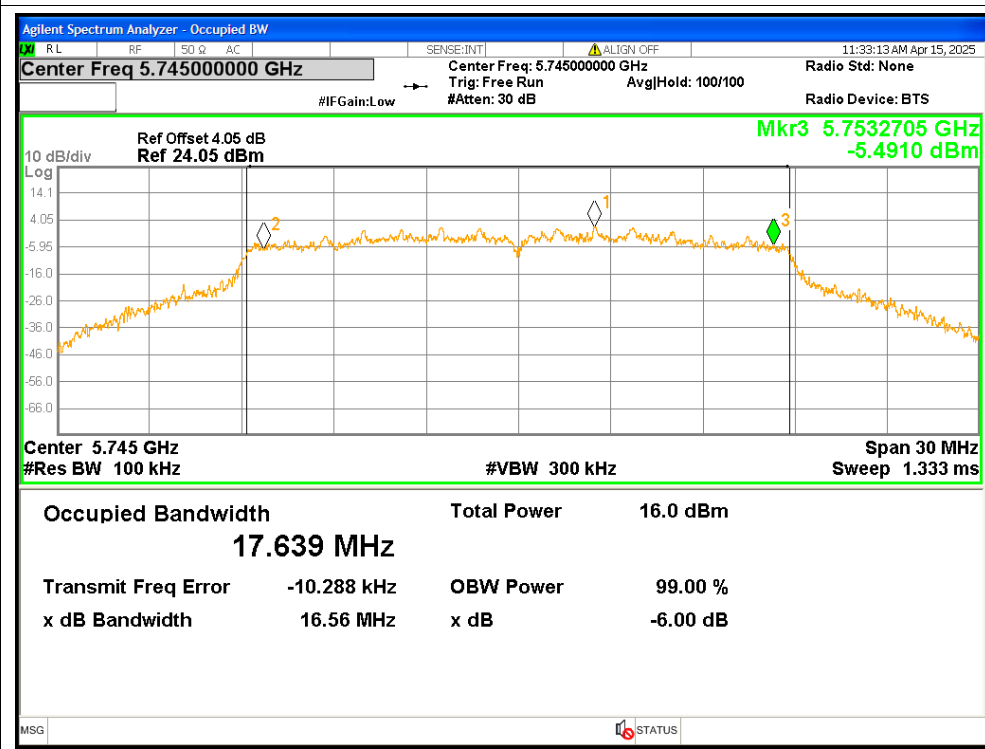
-6dB Bandwidth NVNT a 5825MHz Ant2



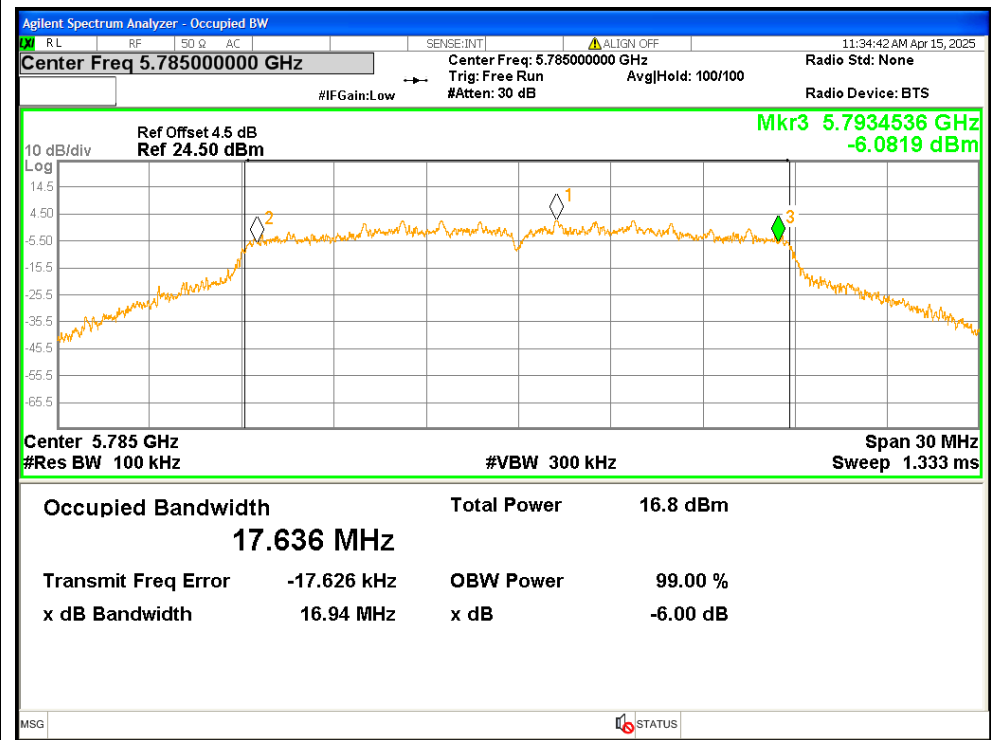
-6dB Bandwidth NVNT n20 5745MHz Ant1



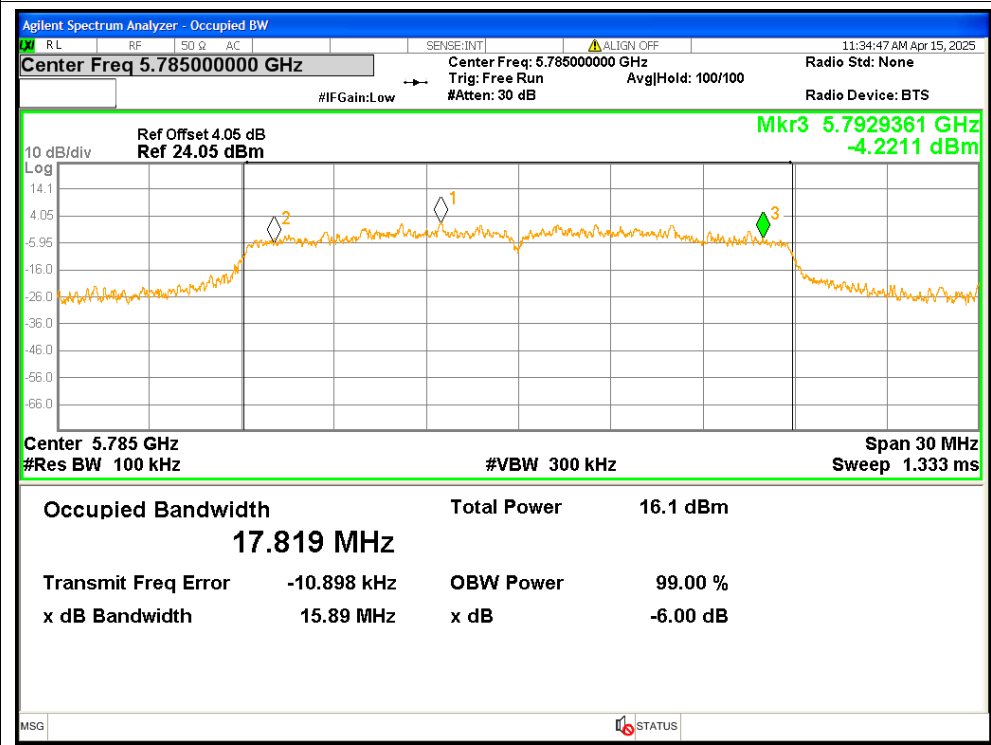
-6dB Bandwidth NVNT n20 5745MHz Ant2



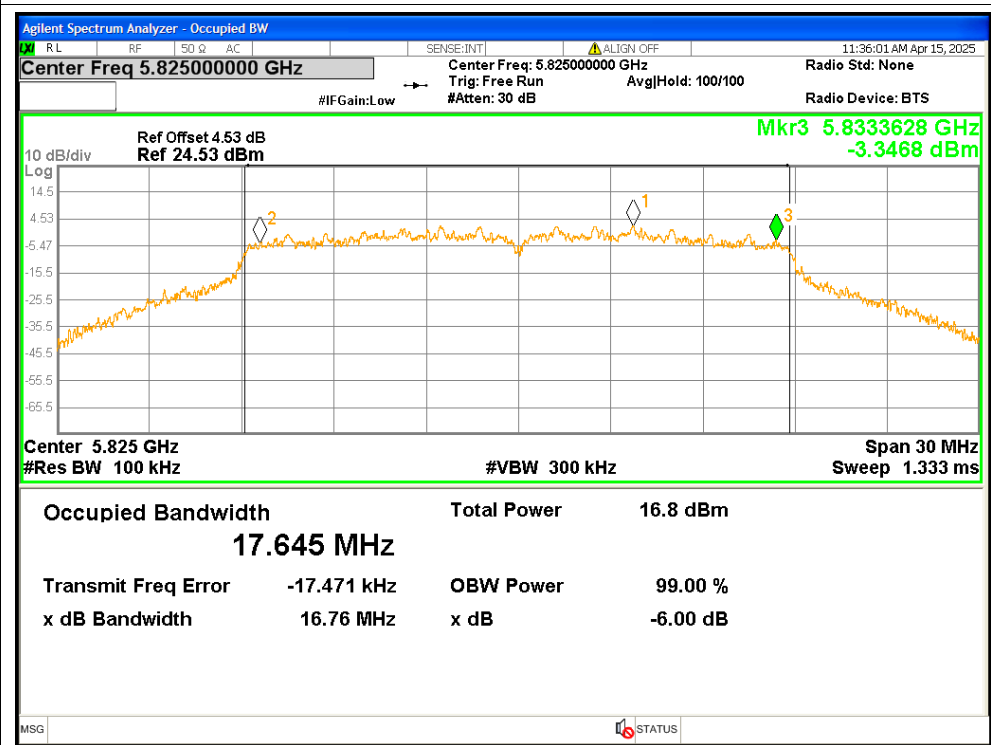
-6dB Bandwidth NVNT n20 5785MHz Ant1



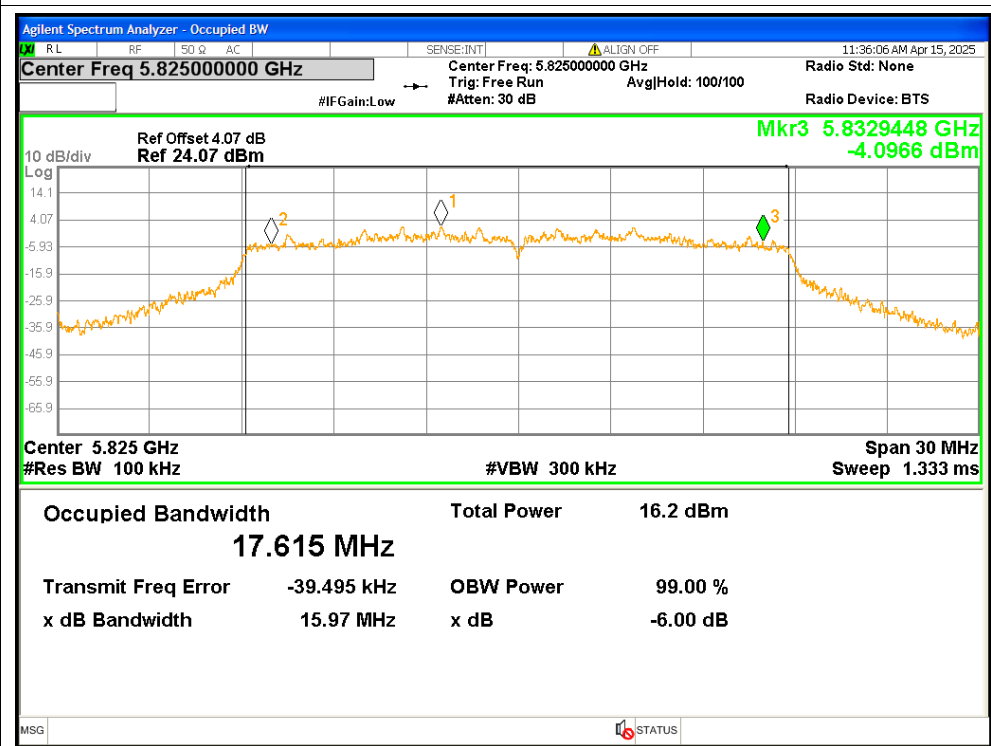
-6dB Bandwidth NVNT n20 5785MHz Ant2



-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant2

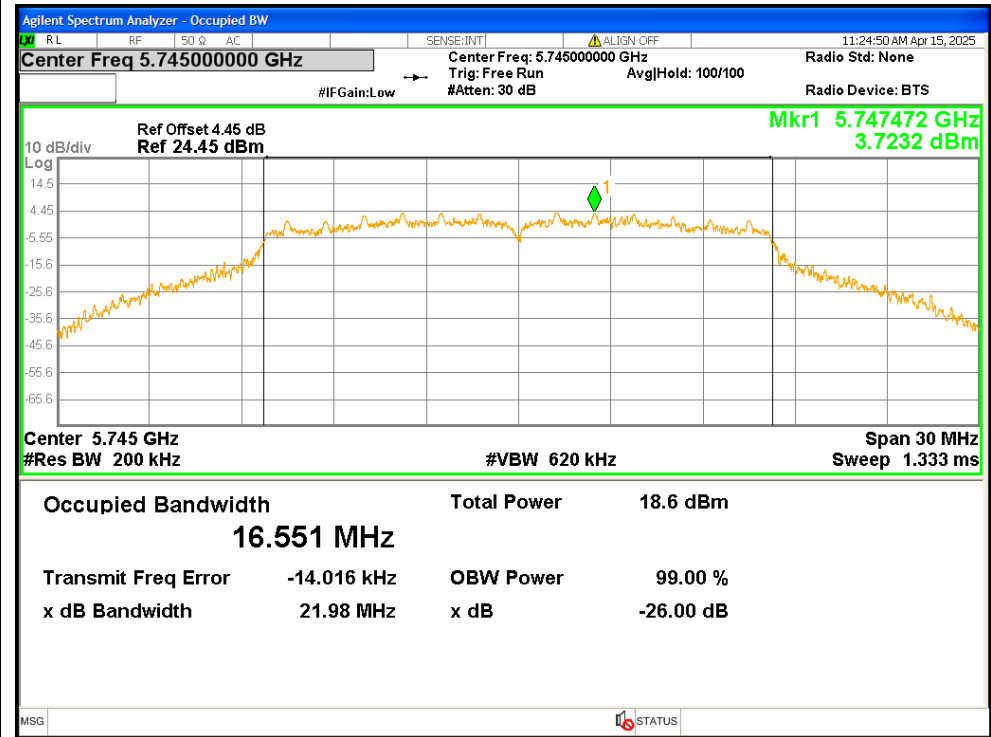


## Occupied Channel Bandwidth

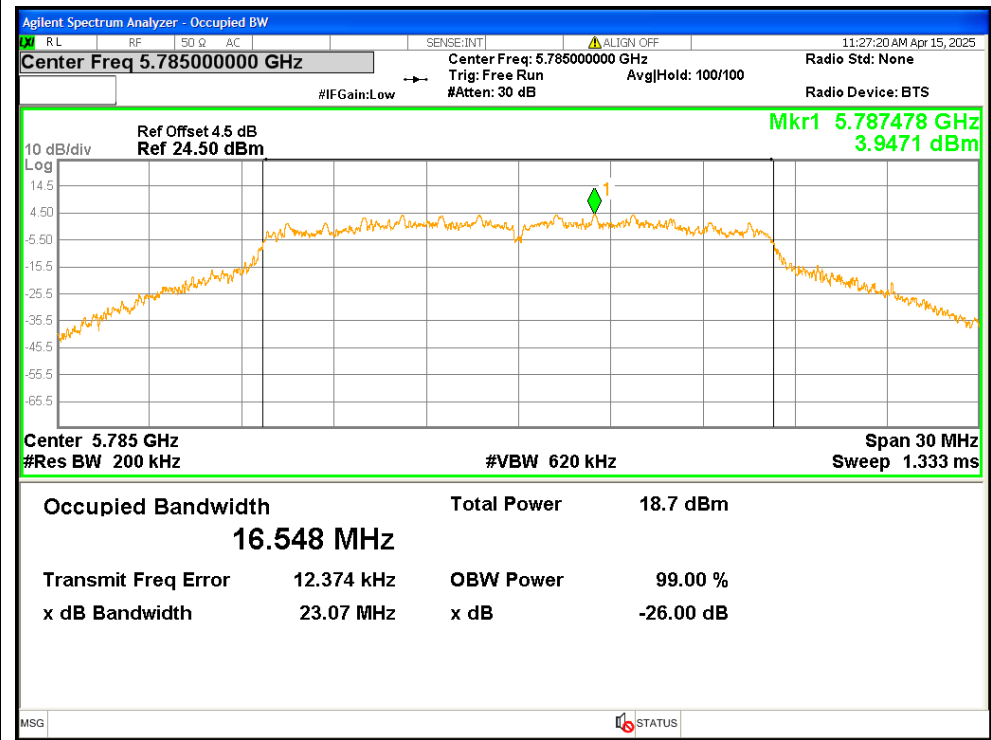
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.5512       |
| NVNT      | a    | 5785            | Ant1    | 16.5482       |
| NVNT      | a    | 5825            | Ant1    | 16.5102       |
| NVNT      | a    | 5745            | Ant2    | 16.745        |
| NVNT      | a    | 5785            | Ant2    | 16.65         |
| NVNT      | a    | 5825            | Ant2    | 16.5586       |
| NVNT      | n20  | 5745            | Ant1    | 17.7009       |
| NVNT      | n20  | 5745            | Ant2    | 17.6564       |
| NVNT      | n20  | 5785            | Ant1    | 17.6658       |
| NVNT      | n20  | 5785            | Ant2    | 17.8613       |
| NVNT      | n20  | 5825            | Ant1    | 17.6599       |
| NVNT      | n20  | 5825            | Ant2    | 17.6145       |

Test Graphs

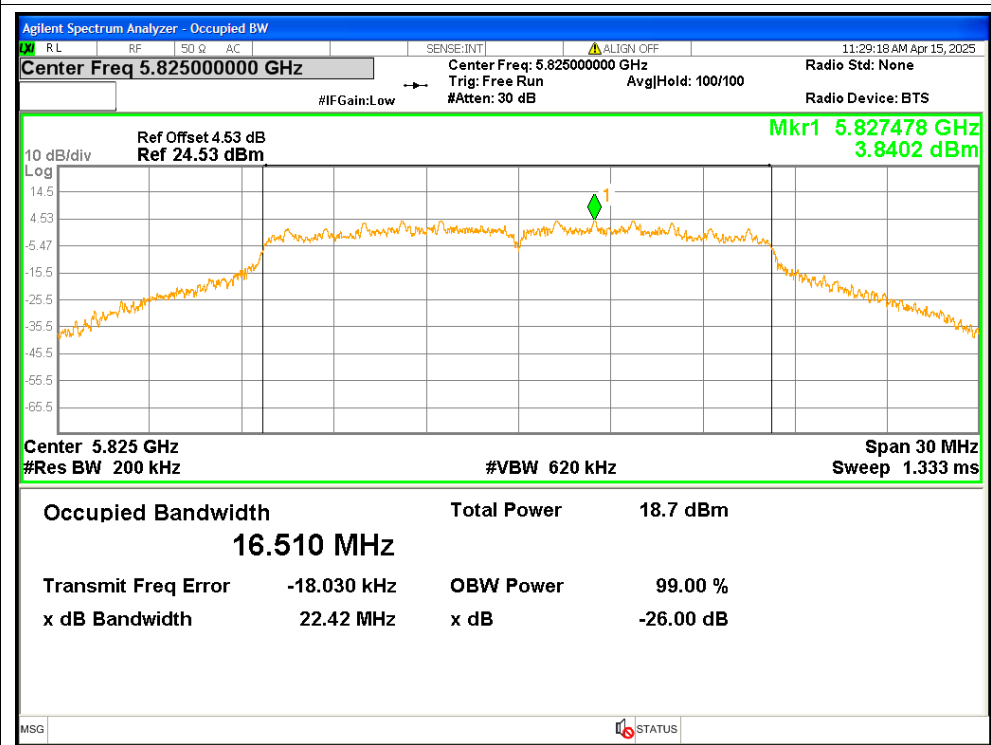
OBW NVNT a 5745MHz Ant1



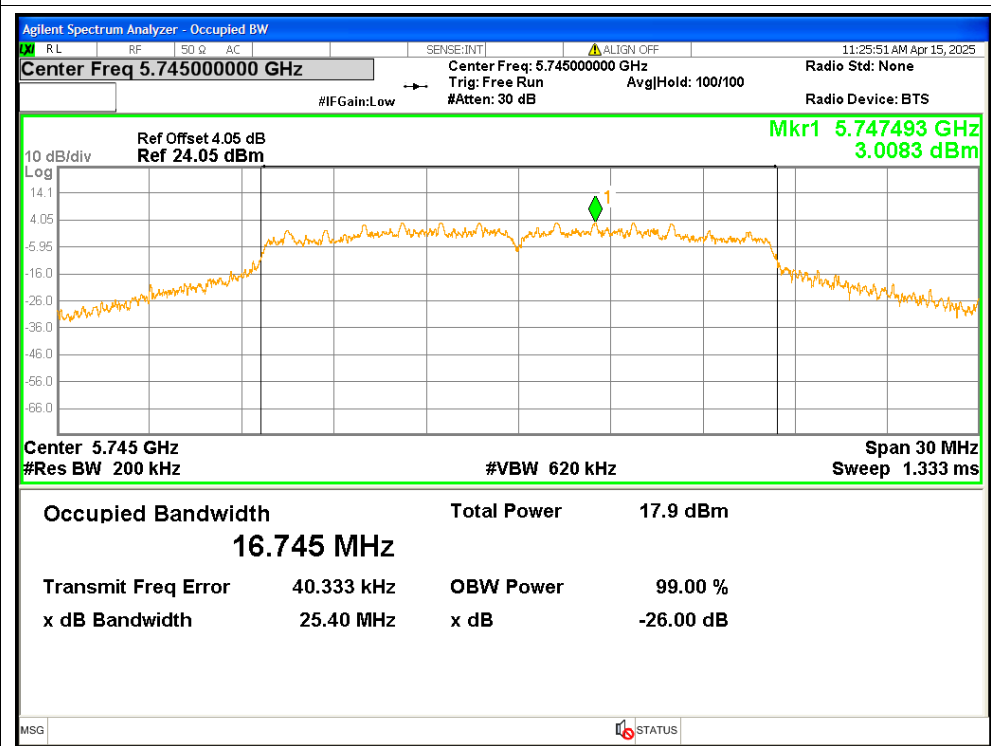
OBW NVNT a 5785MHz Ant1



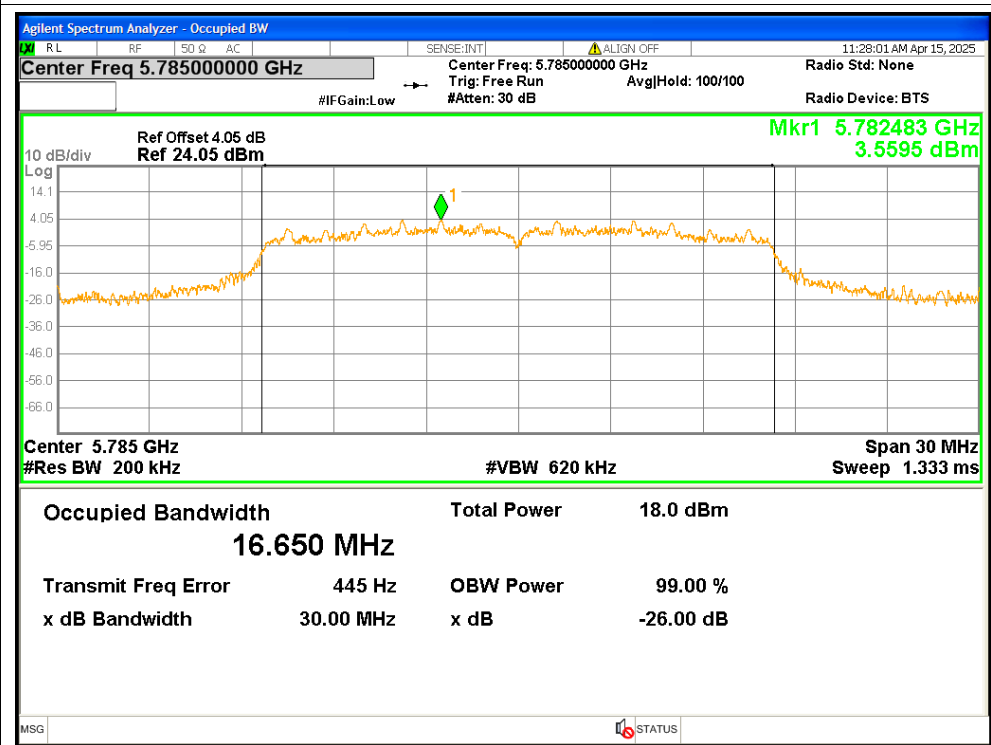
OBW NVNT a 5825MHz Ant1



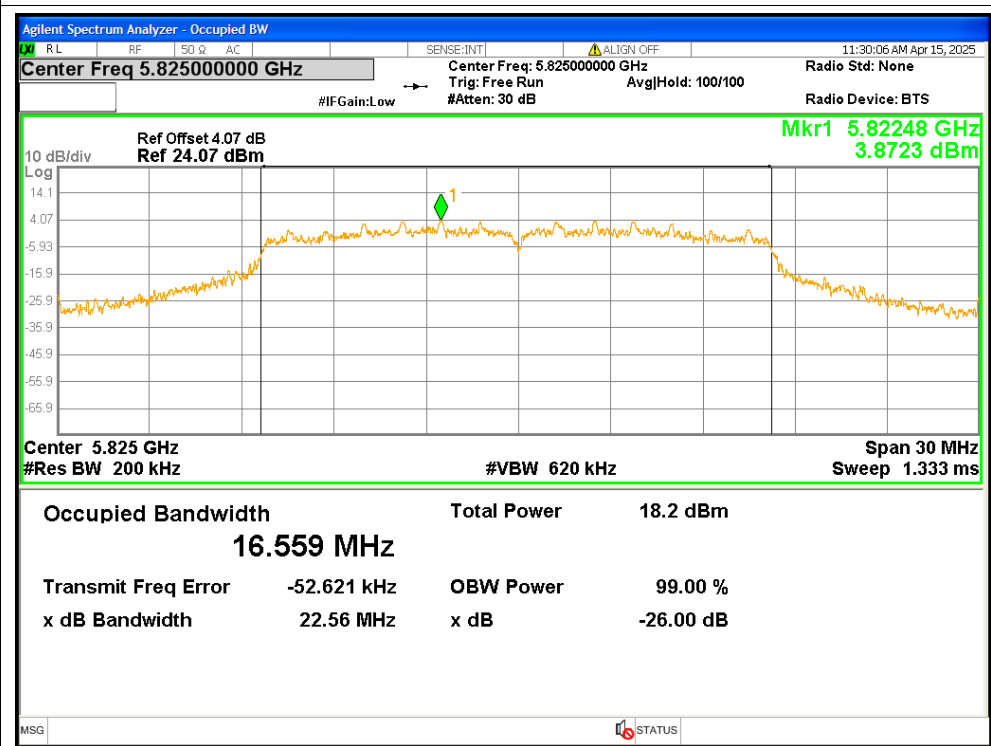
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2

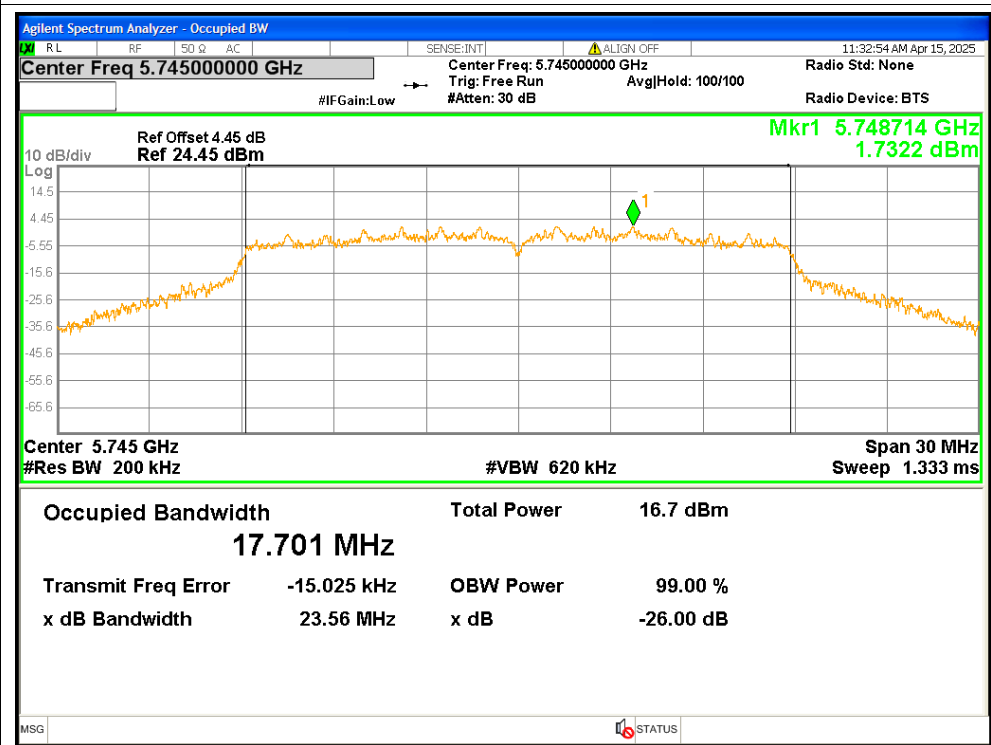


OBW NVNT a 5825MHz Ant2

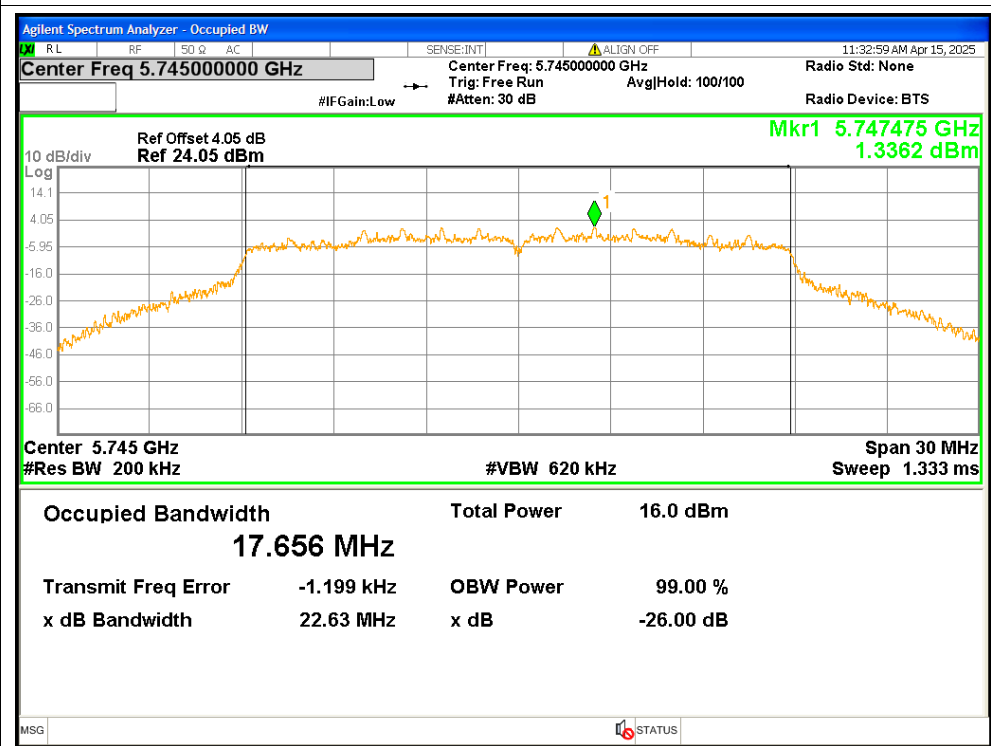




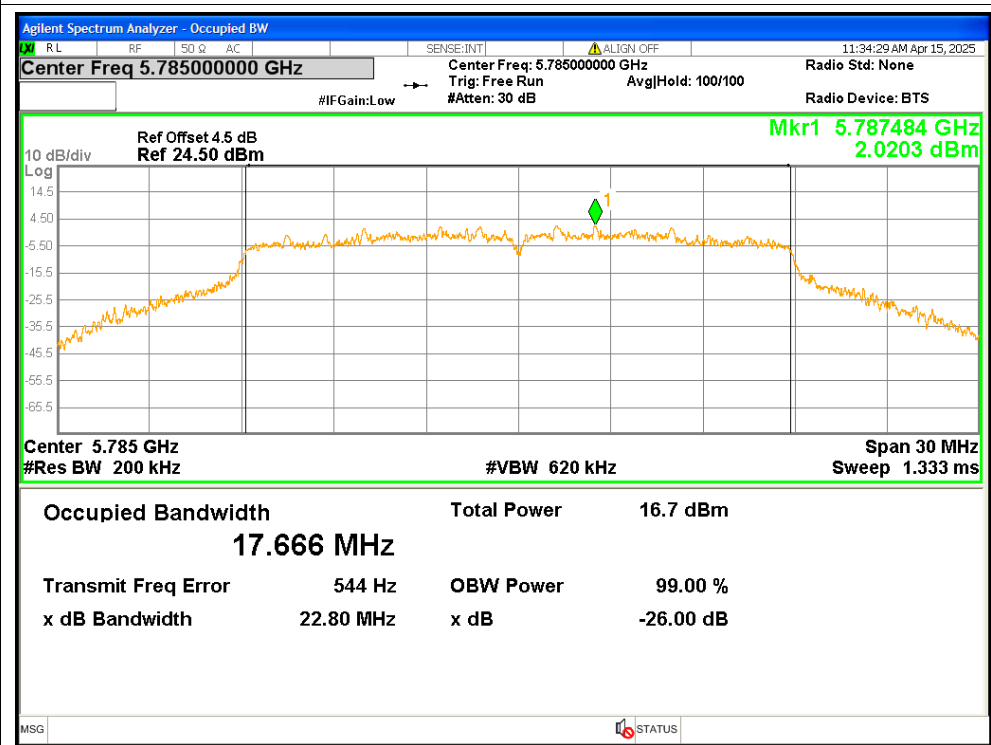
OBW NVNT n20 5745MHz Ant1



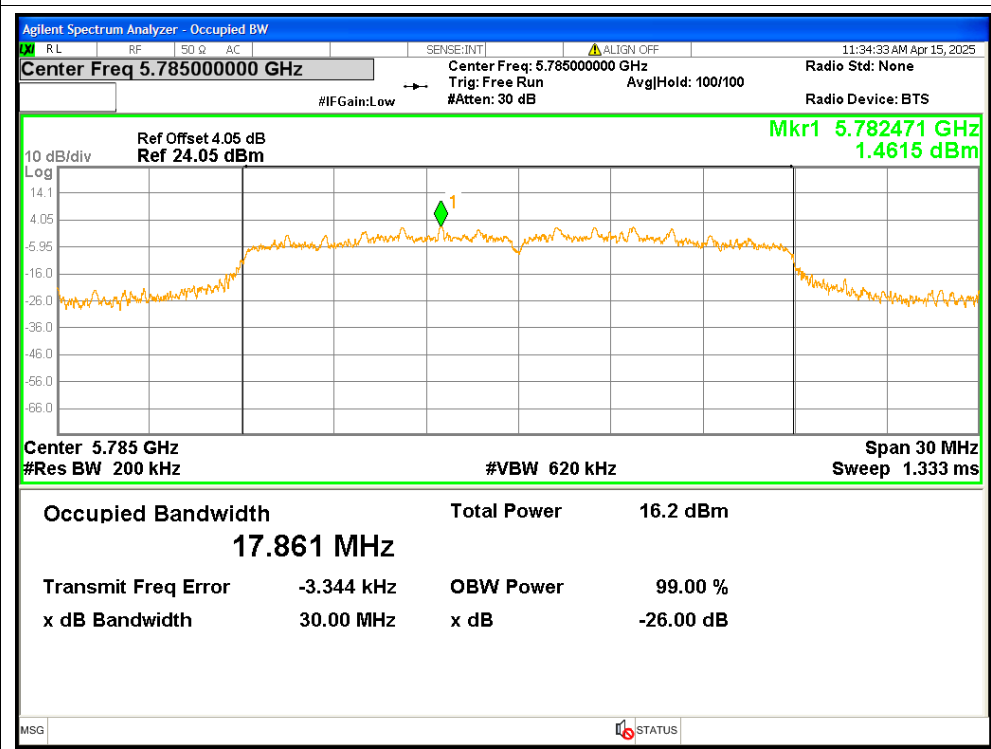
OBW NVNT n20 5745MHz Ant2



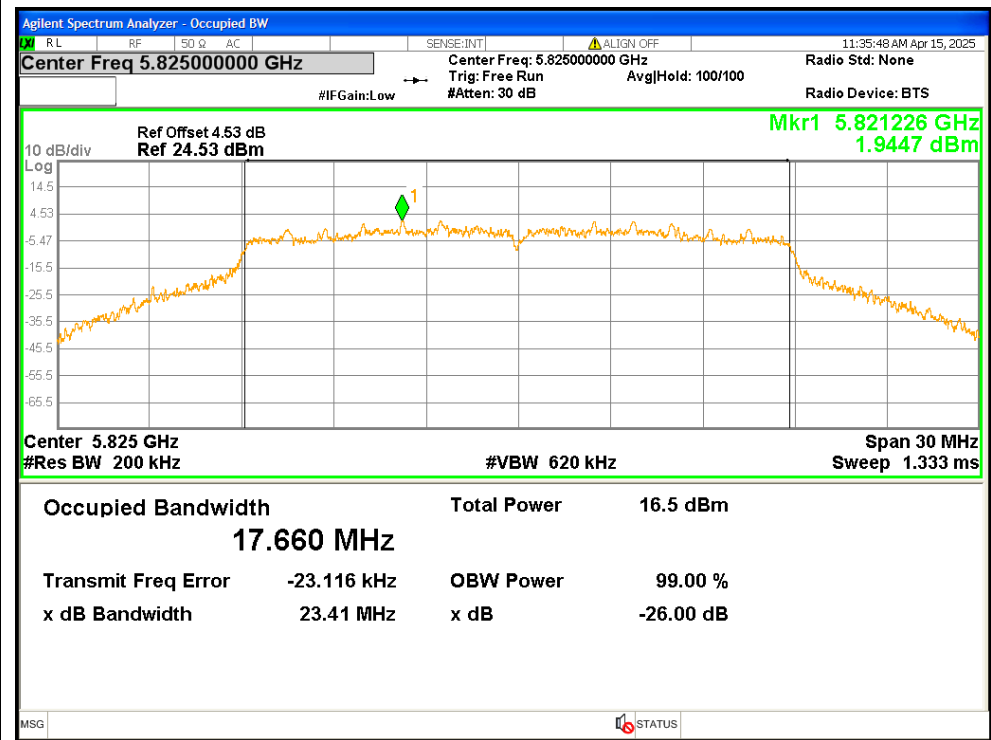
OBW NVNT n20 5785MHz Ant1



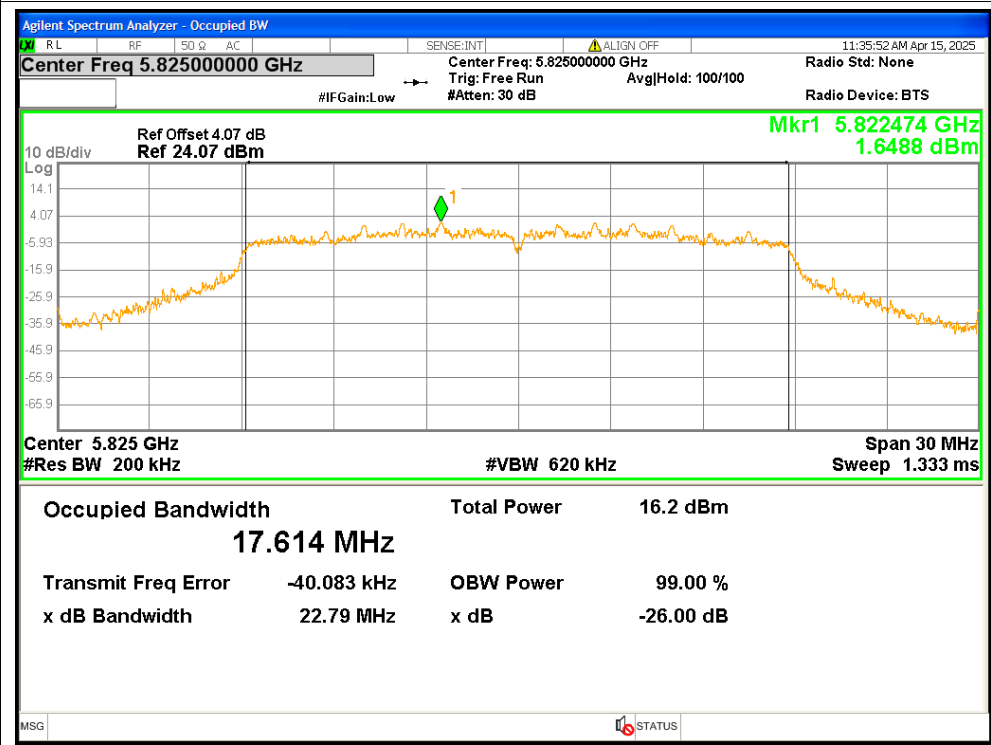
OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5825MHz Ant2

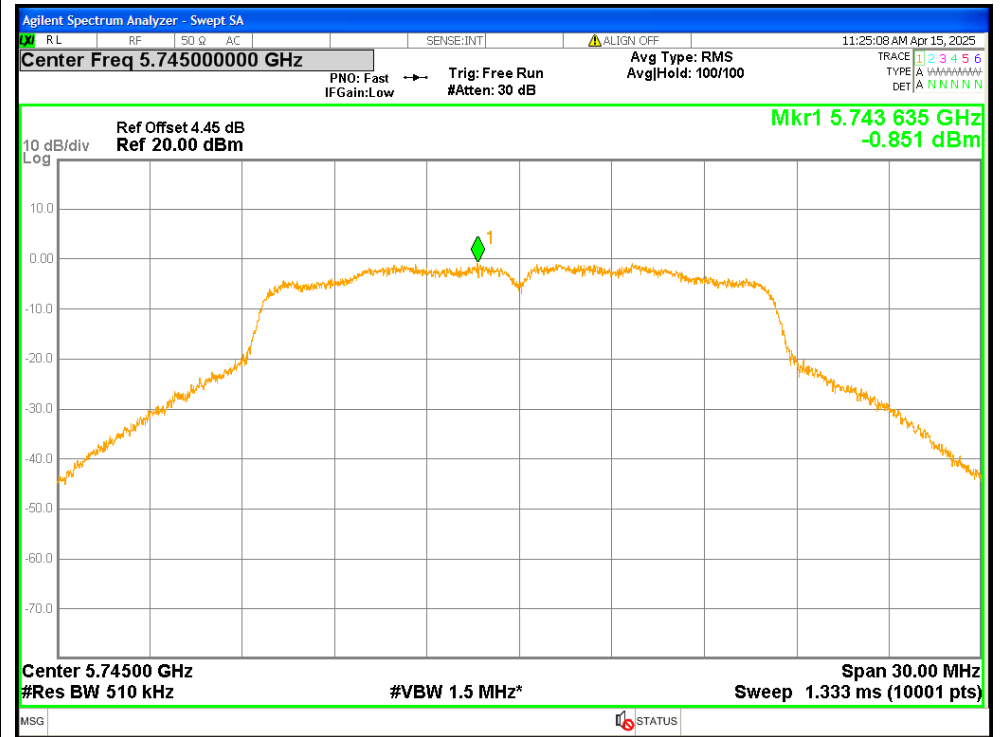


## Maximum Power Spectral Density Level

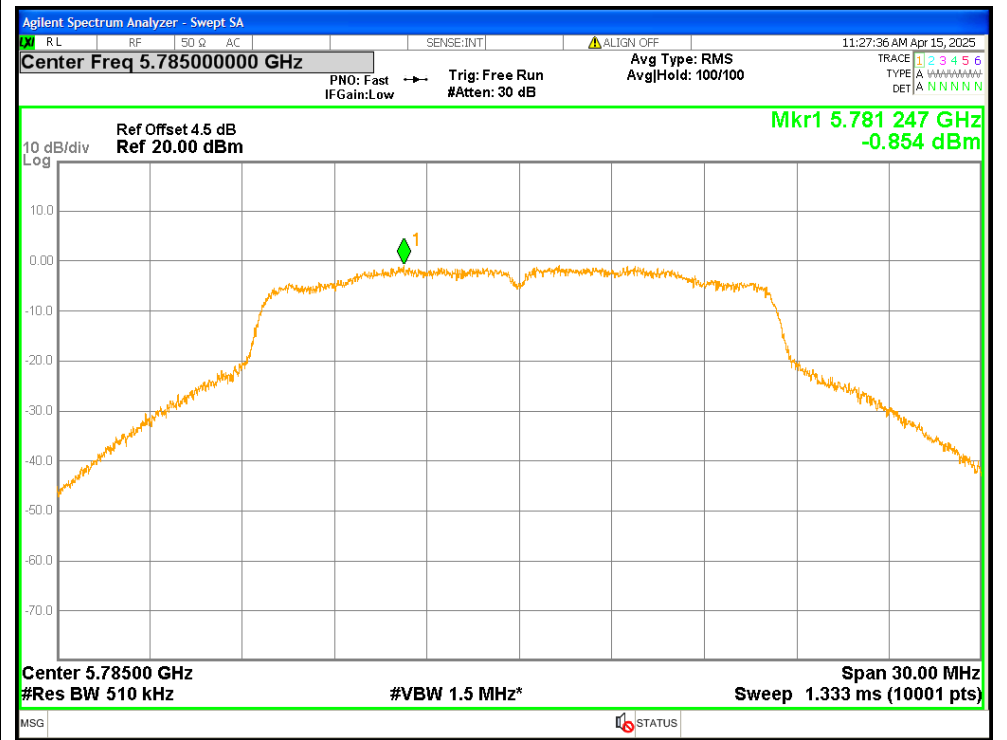
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm/500kHz) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -0.851              | 0.96             | 0.109           | <=30               | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.854              | 0.95             | 0.096           | <=30               | Pass    |
| NVNT      | a    | 5825            | Ant1    | -0.673              | 0.97             | 0.297           | <=30               | Pass    |
| NVNT      | a    | 5745            | Ant2    | -1.302              | 0.95             | -0.352          | <=30               | Pass    |
| NVNT      | a    | 5785            | Ant2    | -1.339              | 0.95             | -0.389          | <=30               | Pass    |
| NVNT      | a    | 5825            | Ant2    | -1.037              | 0.95             | -0.087          | <=30               | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.785              | 0.57             | -2.215          | <=30               | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -3.65               | 0.57             | -3.08           | <=30               | Pass    |
| NVNT      | n20  | 5745            | MIMO    | -0.186              | 0.57             | 0.384           | <=29.05            | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.268              | 0.55             | -1.718          | <=30               | Pass    |
| NVNT      | n20  | 5785            | Ant2    | -3.321              | 0.55             | -2.771          | <=30               | Pass    |
| NVNT      | n20  | 5785            | MIMO    | 0.248               | 0.55             | 0.798           | <=29.05            | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.664              | 0.54             | -2.124          | <=30               | Pass    |
| NVNT      | n20  | 5825            | Ant2    | -3.311              | 0.54             | -2.771          | <=30               | Pass    |
| NVNT      | n20  | 5825            | MIMO    | 0.035               | 0.54             | 0.575           | <=29.05            | Pass    |

Test Graphs

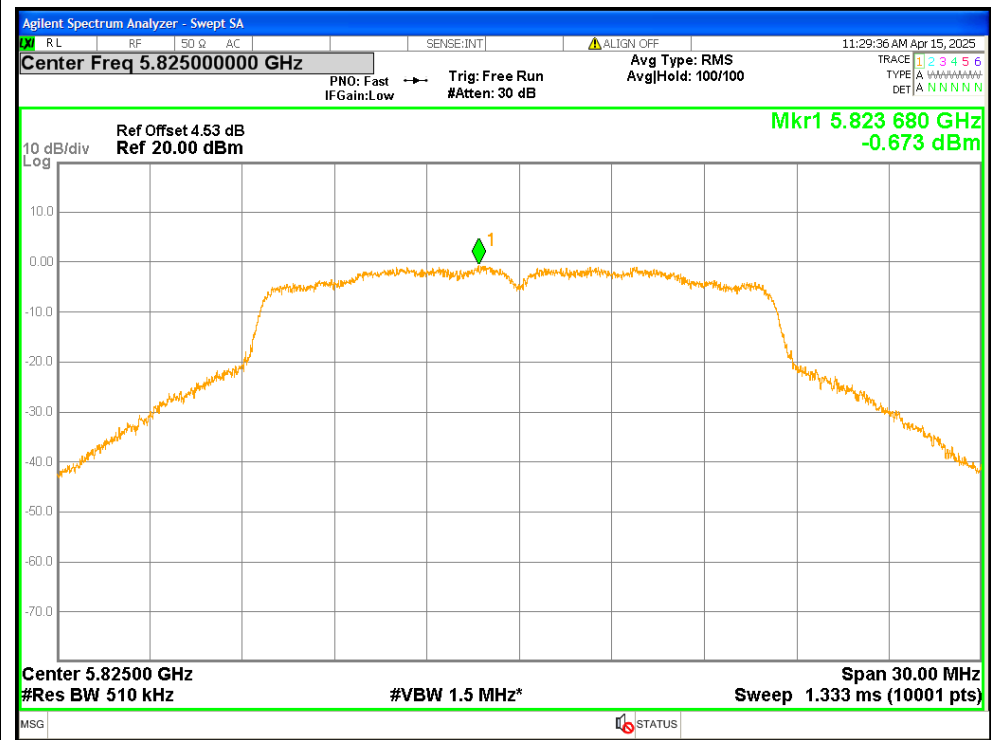
PSD NVNT a 5745MHz Ant1



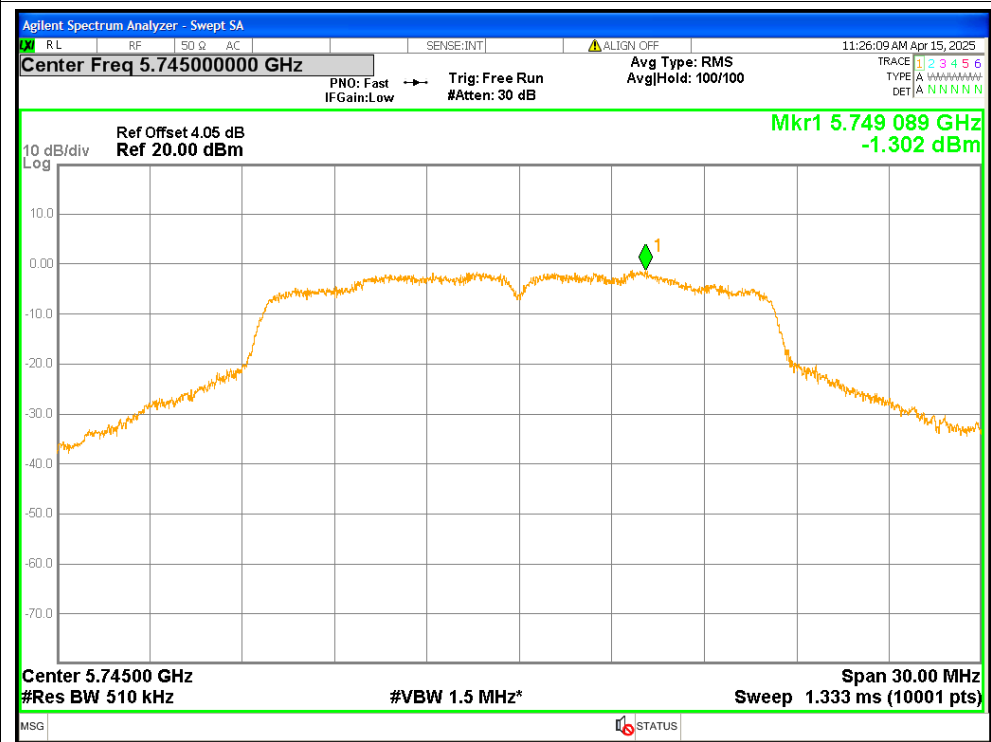
PSD NVNT a 5785MHz Ant1



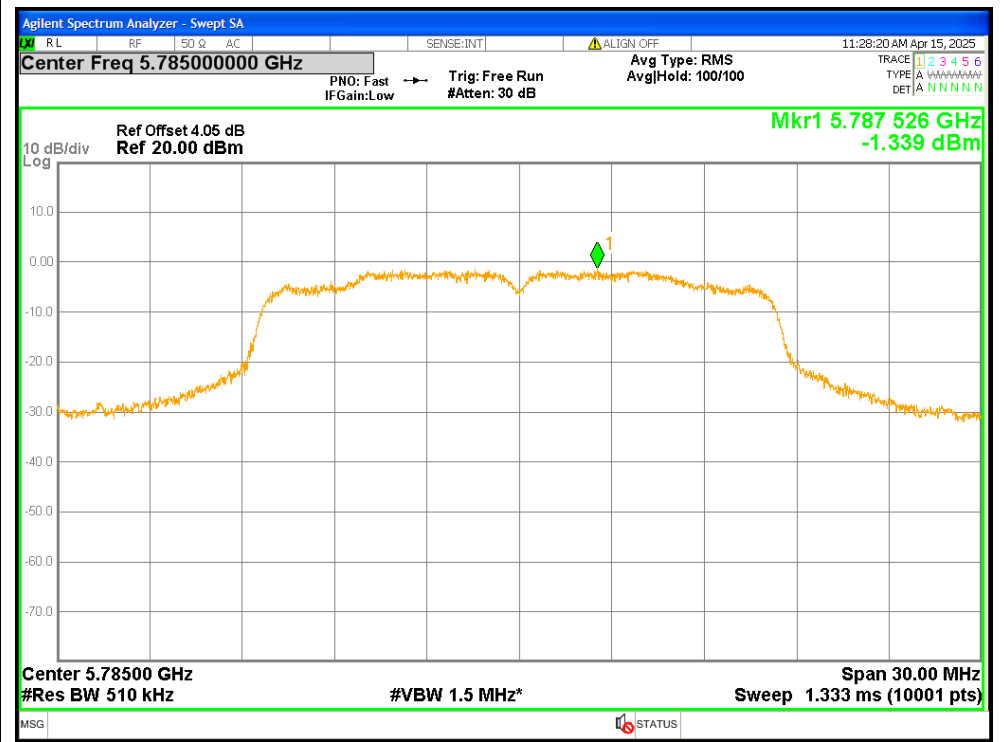
PSD NVNT a 5825MHz Ant1



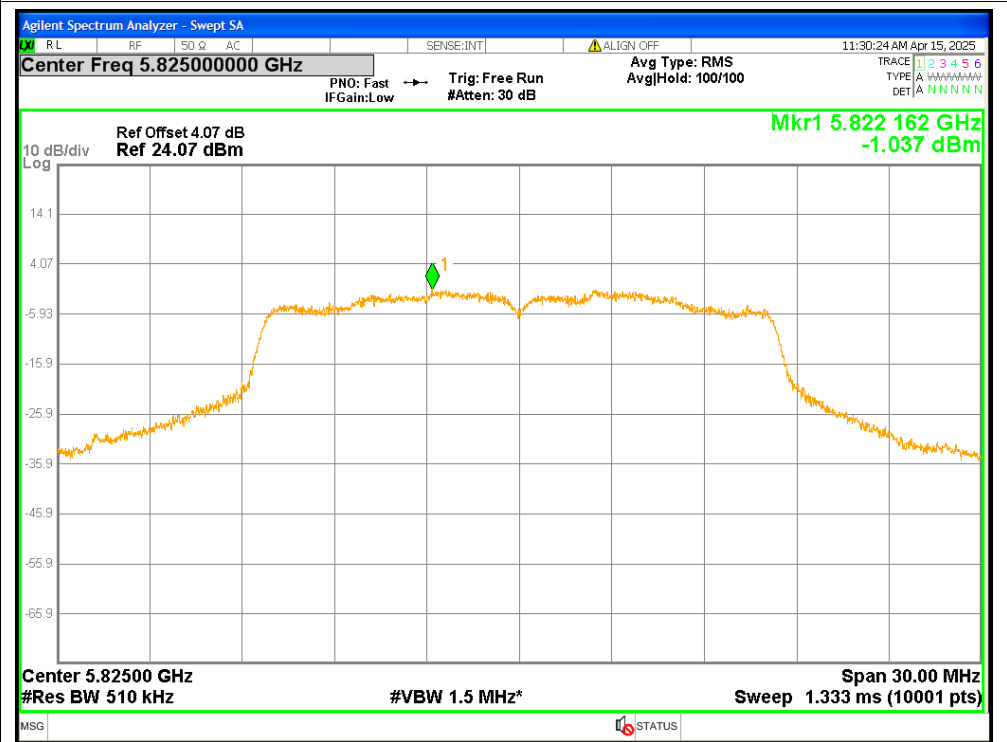
PSD NVNT a 5745MHz Ant2



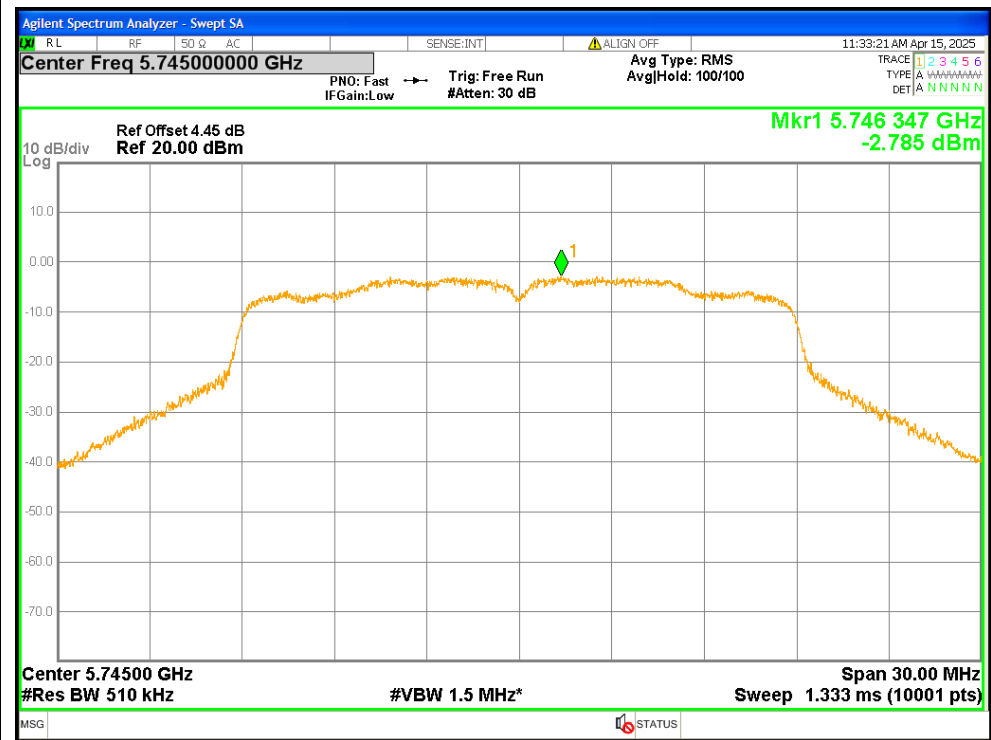
PSD NVNT a 5785MHz Ant2



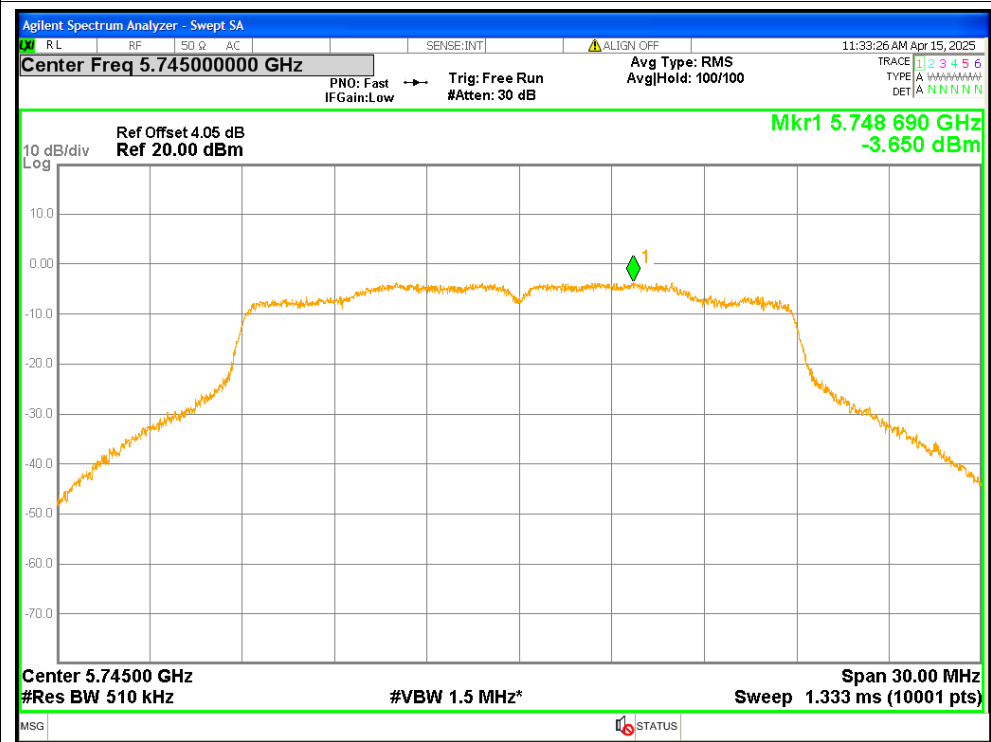
PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant1

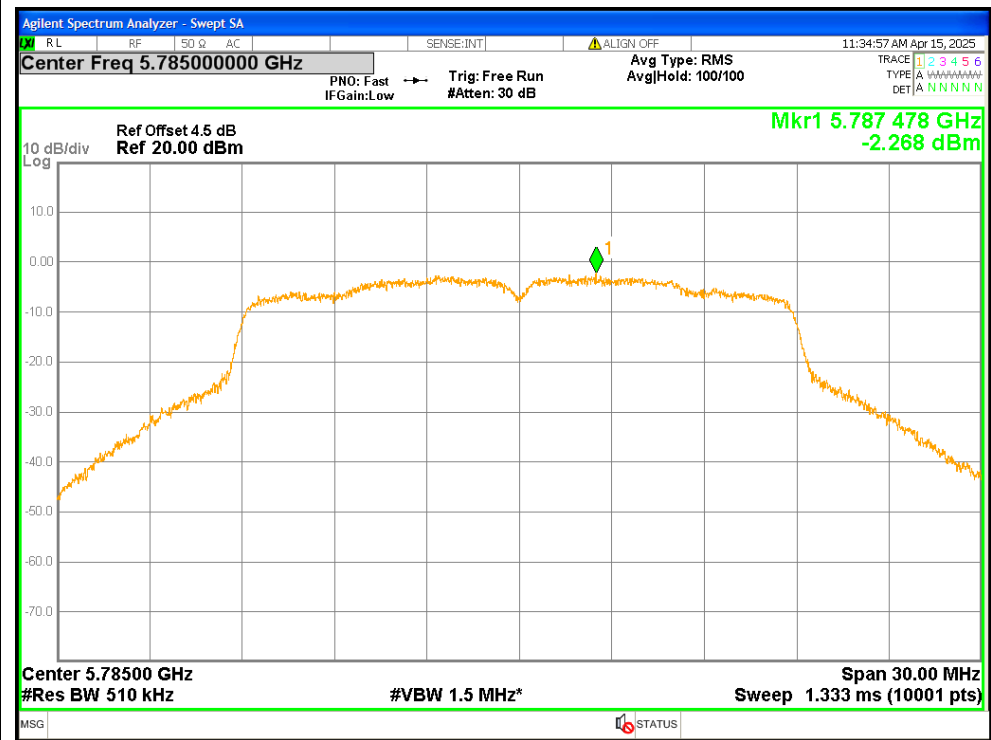


PSD NVNT n20 5745MHz Ant2

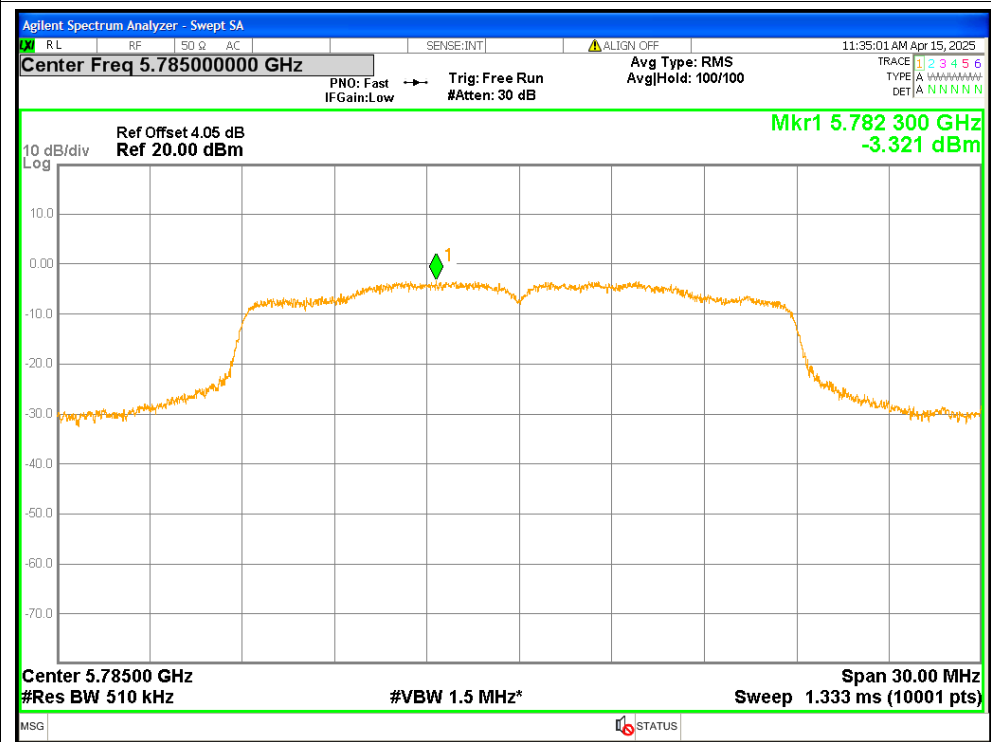


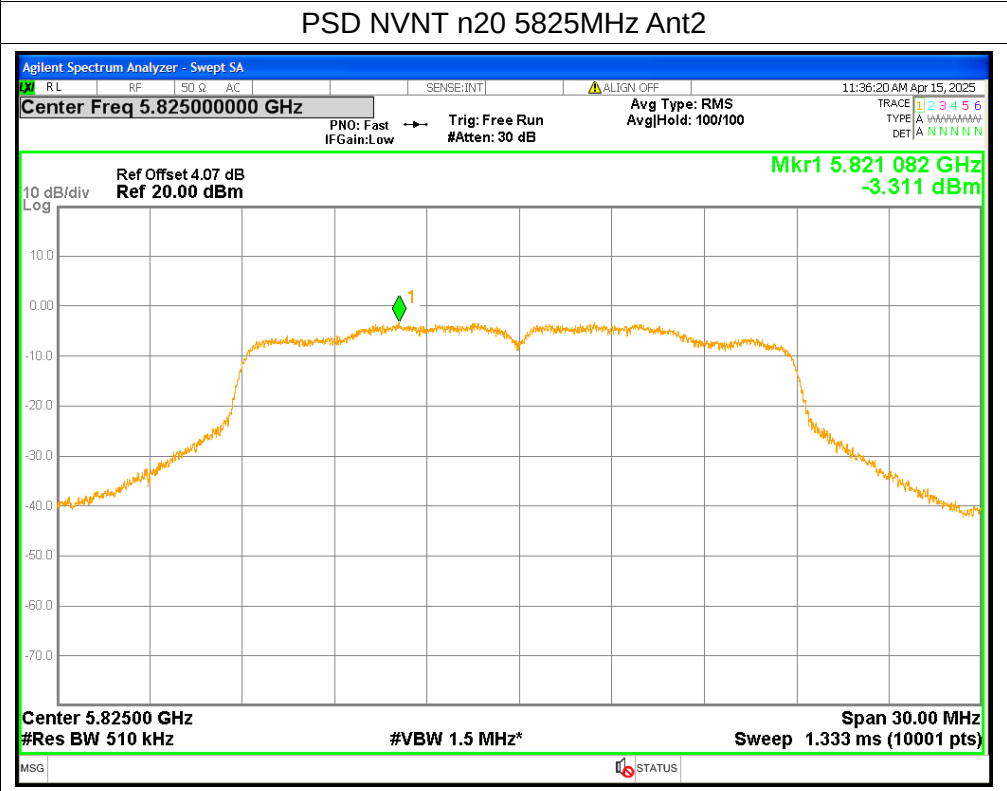
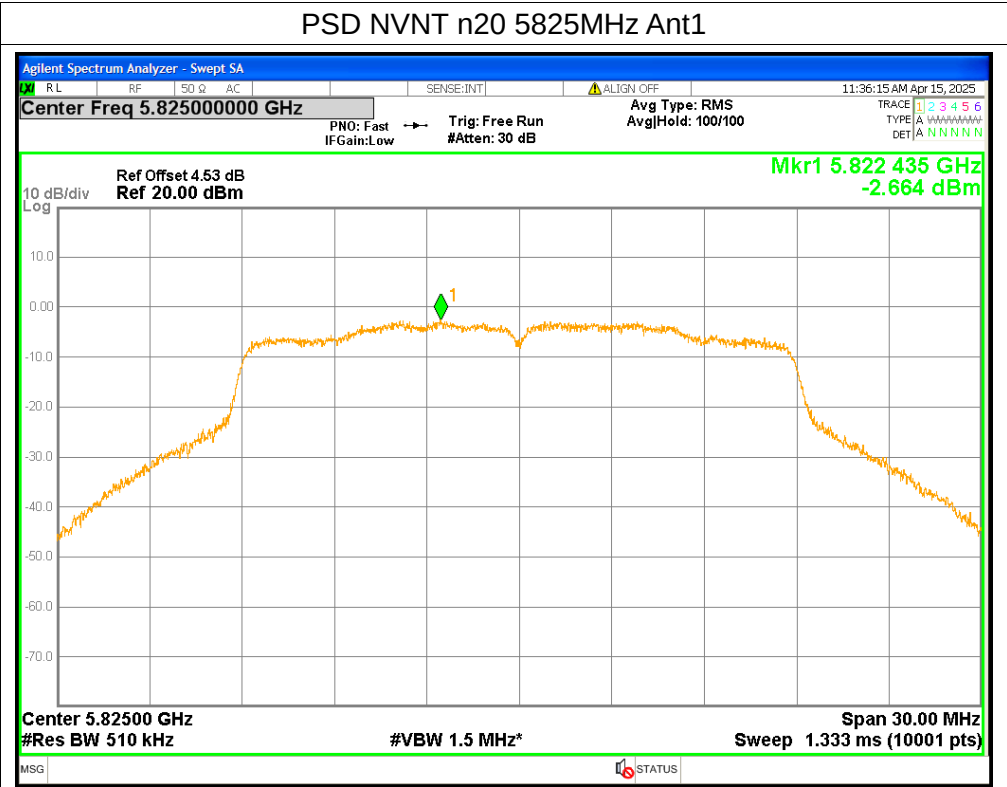


PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5785MHz Ant2



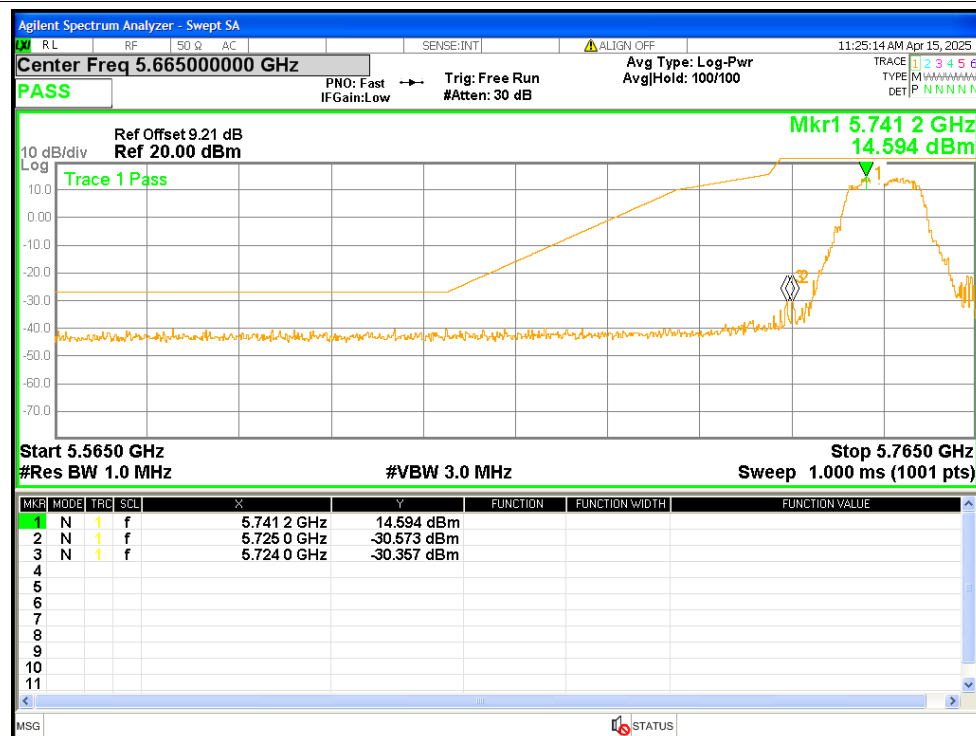


## Band Edge

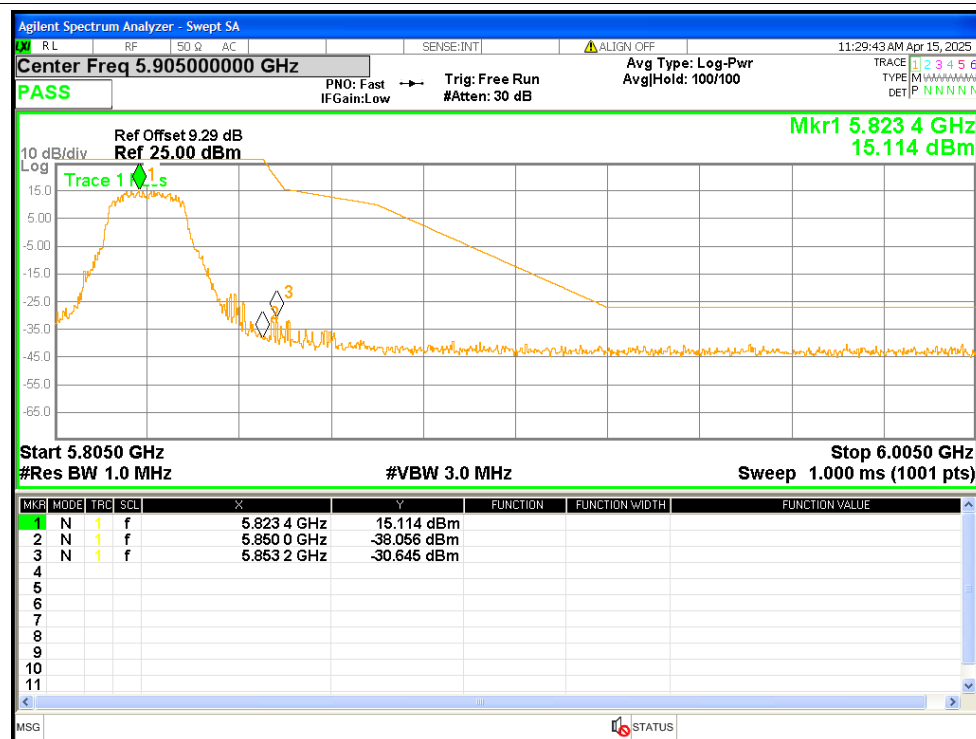
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -30.35          |             | Pass    |
| NVNT      | a    | 5825            | Ant1    | -30.64          |             | Pass    |
| NVNT      | a    | 5745            | Ant2    | -24.97          |             | Pass    |
| NVNT      | a    | 5825            | Ant2    | -22.21          |             | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -30.98          |             | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -28.36          |             | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -31.42          |             | Pass    |
| NVNT      | n20  | 5825            | Ant2    | -26.19          |             | Pass    |

## Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



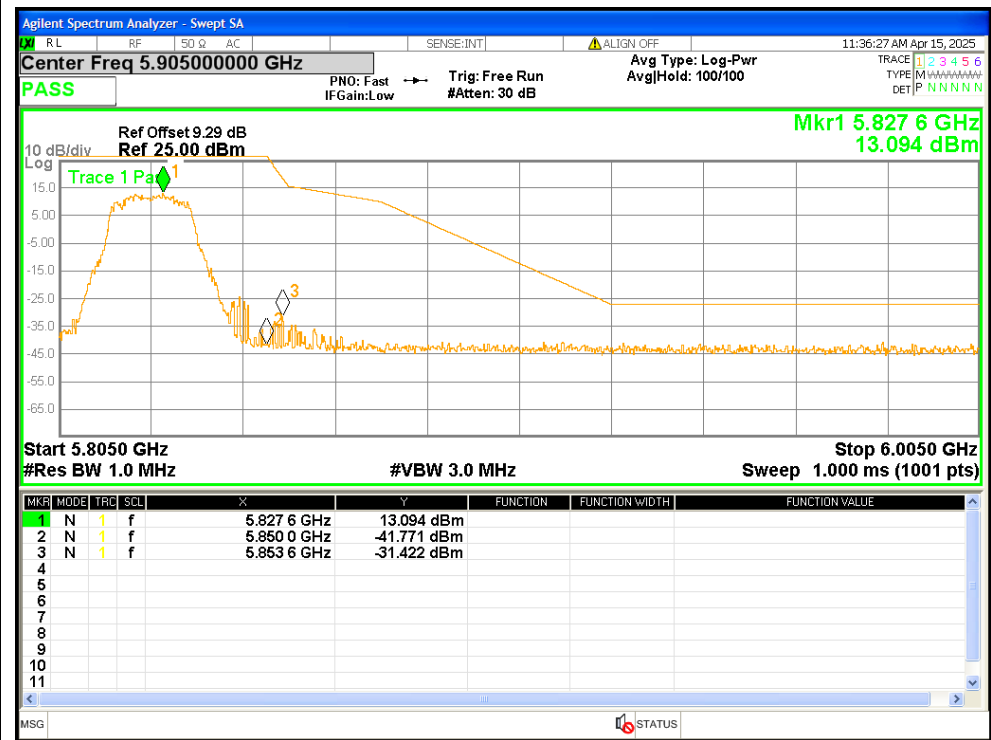
## Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT a 5745MHz Low Ant2

Band Edge NVNT n20 5745MHz Low Ant1

Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n20 5825MHz High Ant2

