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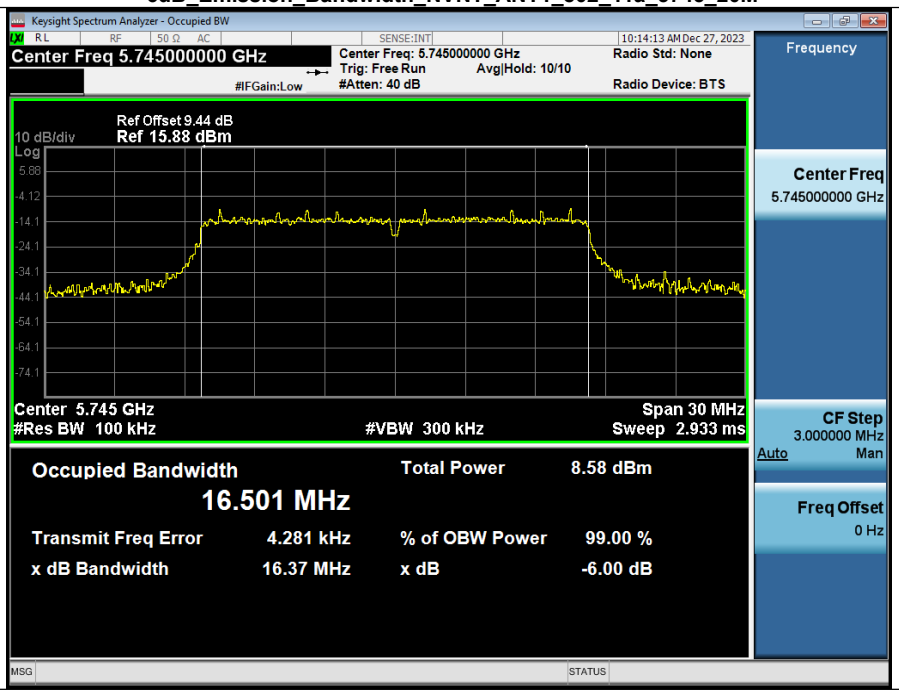
# FCC ID WIFI5.8
# FCC_5.8G_WIFI (Part15.407) Test Data

## 1. -6dB Emission Bandwidth

| Condition | Antenna | Mode | Frequency(MHz) | -6dB_Emission_Bandwidth(MHz) | Limit(MHz) | Result |
|---|---|---|---|---|---|---|
| NVNT | ANT1 | LCH | 5745.00 | 16.365 | 0.500 | Pass |
| NVNT | ANT1 | MCH | 5785.00 | 16.350 | 0.500 | Pass |
| NVNT | ANT1 | HCH | 5825.00 | 16.360 | 0.500 | Pass |
| NVNT | ANT1 | LCH | 5745.00 | 17.395 | 0.500 | Pass |
| NVNT | ANT1 | MCH | 5785.00 | 17.146 | 0.500 | Pass |
| NVNT | ANT1 | HCH | 5825.00 | 17.445 | 0.500 | Pass |
| NVNT | ANT1 | LCH | 5745.00 | 17.395 | 0.500 | Pass |
| NVNT | ANT1 | MCH | 5785.00 | 17.295 | 0.500 | Pass |
| NVNT | ANT1 | HCH | 5825.00 | 17.540 | 0.500 | Pass |
| NVNT | ANT1 | LCH | 5755.00 | 35.750 | 0.500 | Pass |
| NVNT | ANT1 | HCH | 5795.00 | 35.871 | 0.500 | Pass |
| NVNT | ANT1 | LCH | 5755.00 | 35.699 | 0.500 | Pass |
| NVNT | ANT1 | HCH | 5795.00 | 35.747 | 0.500 | Pass |
| NVNT | ANT1 | MCH | 5775.00 | 75.395 | 0.500 | Pass |

-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



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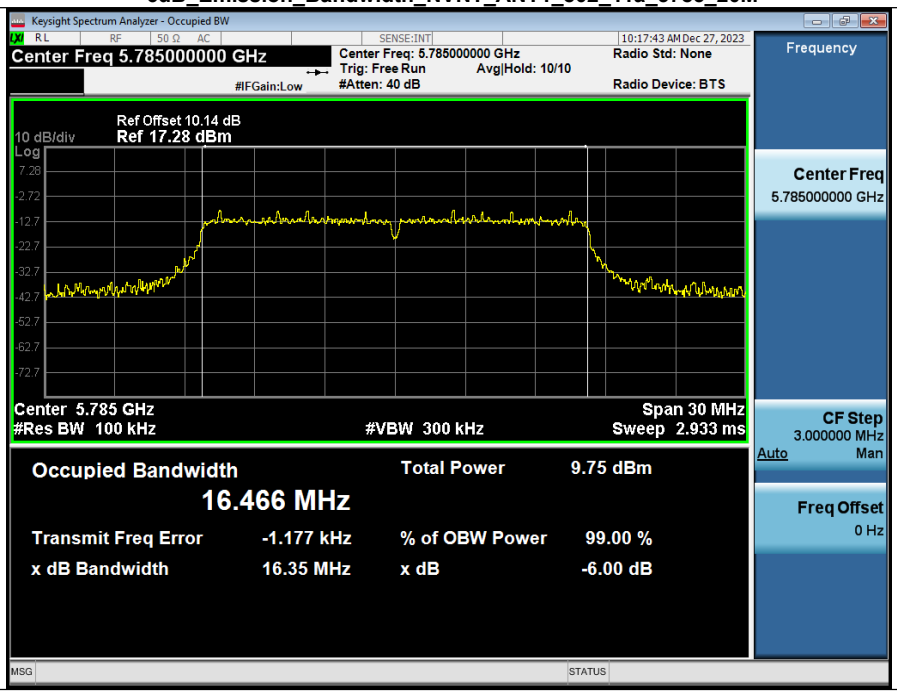
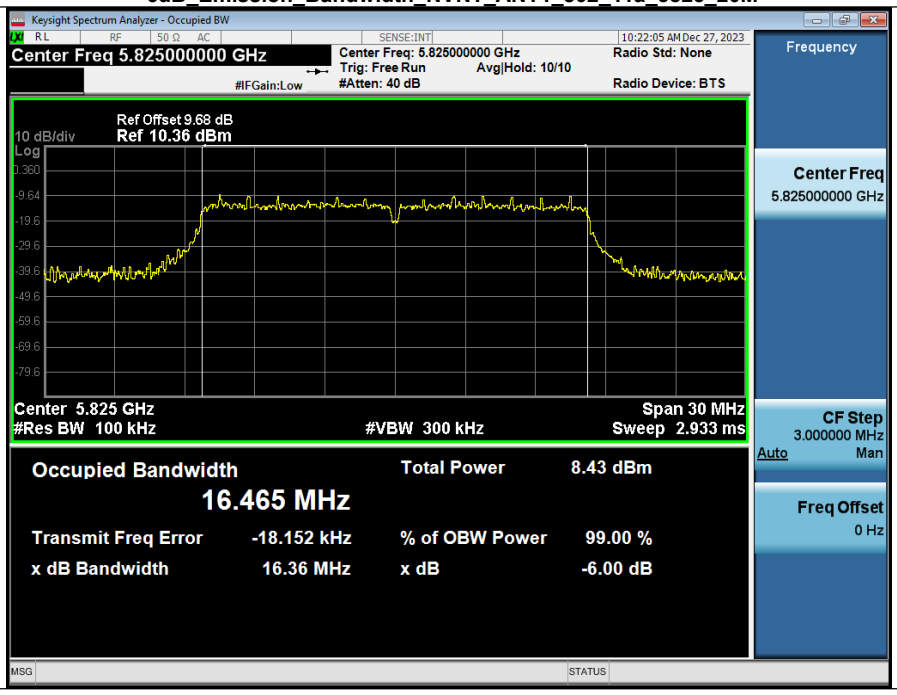
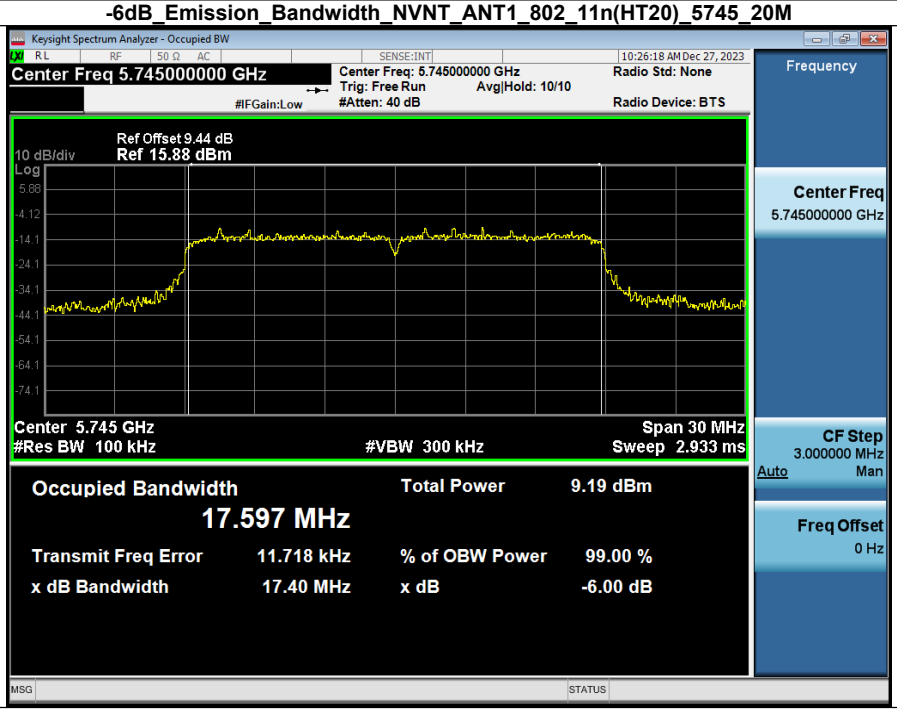



## -6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5825_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M

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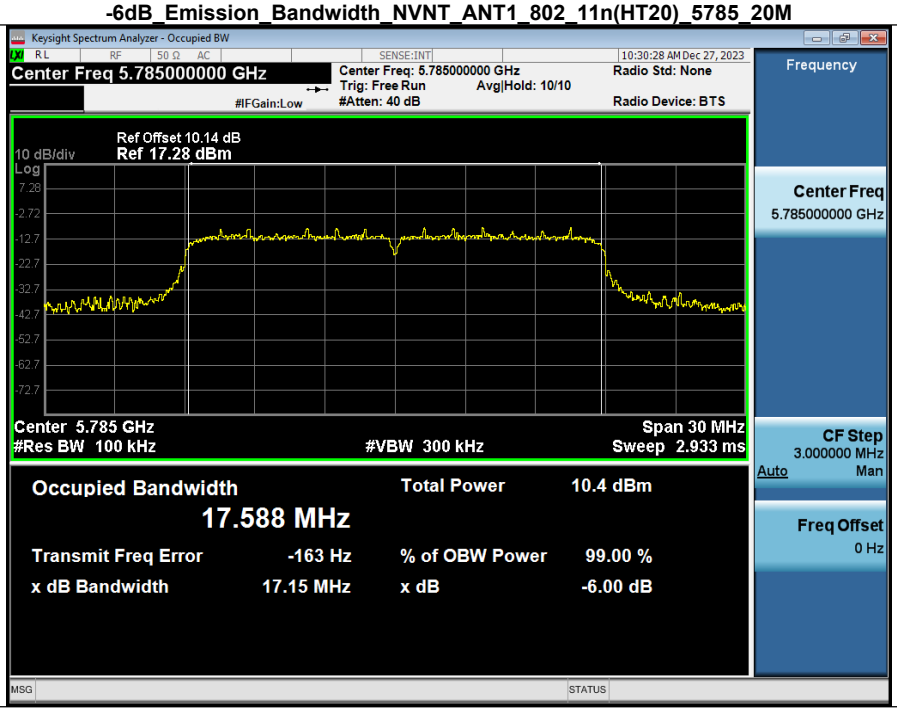

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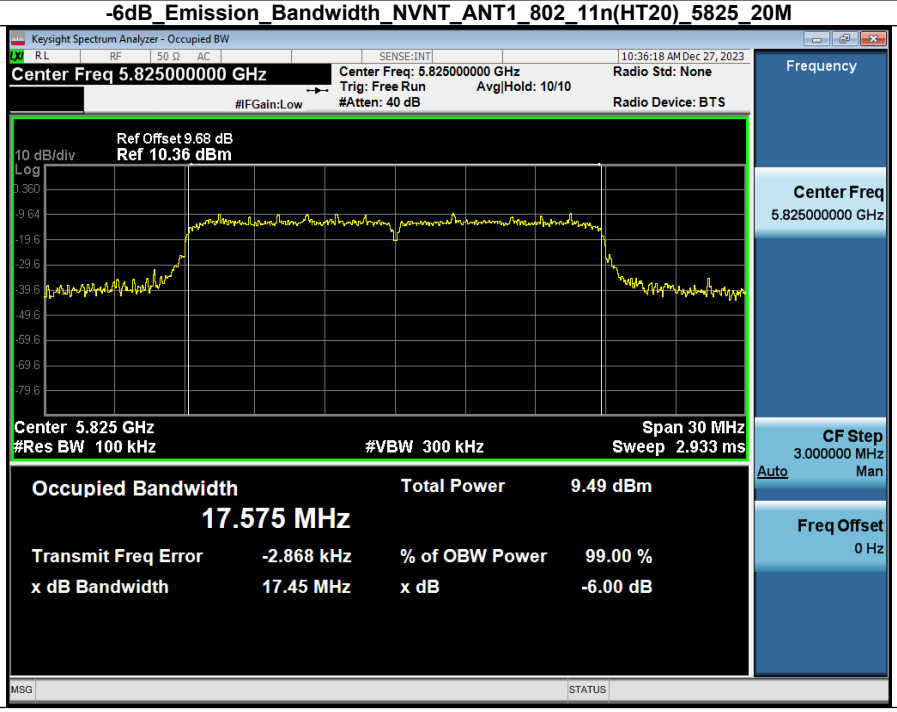
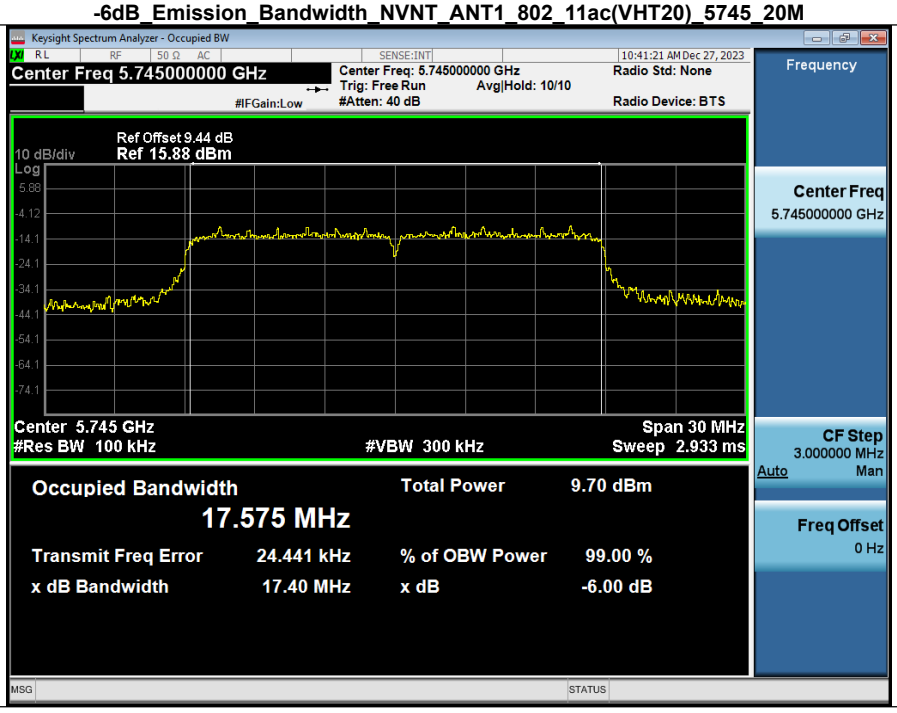



**-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5745_20M**



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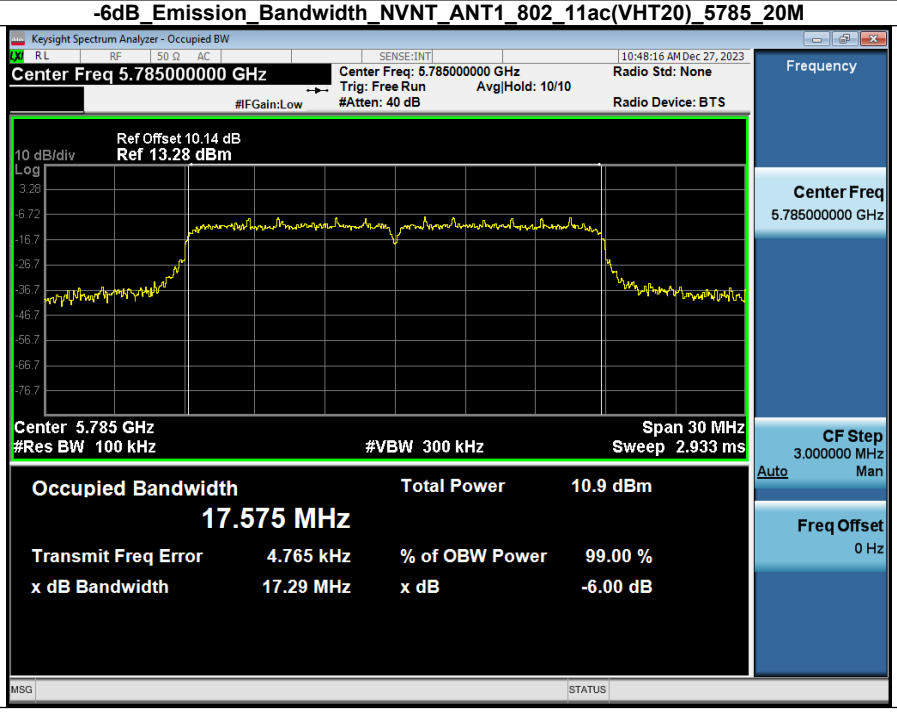
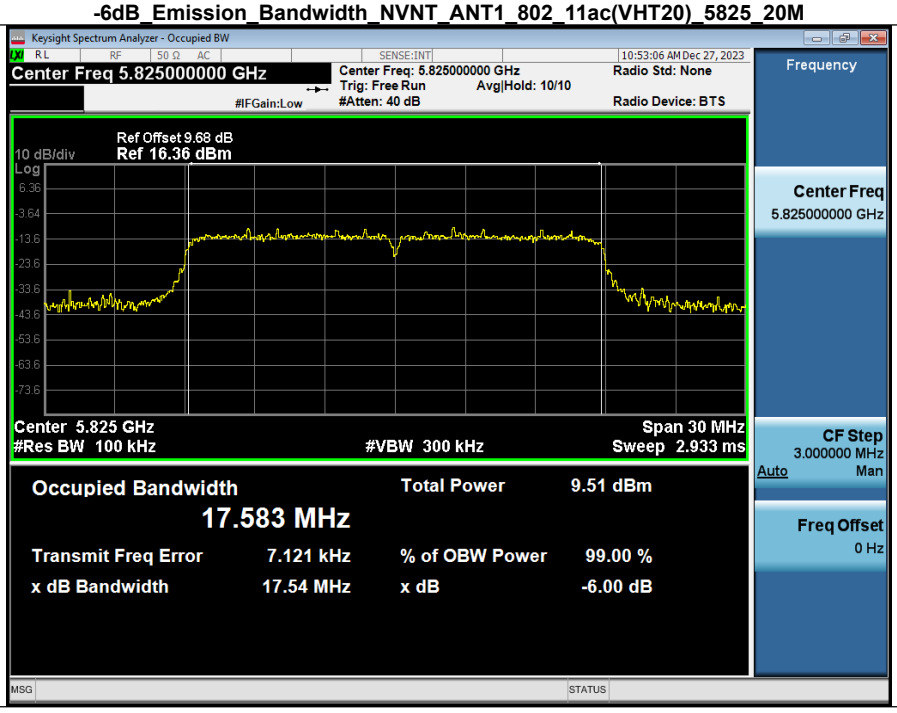
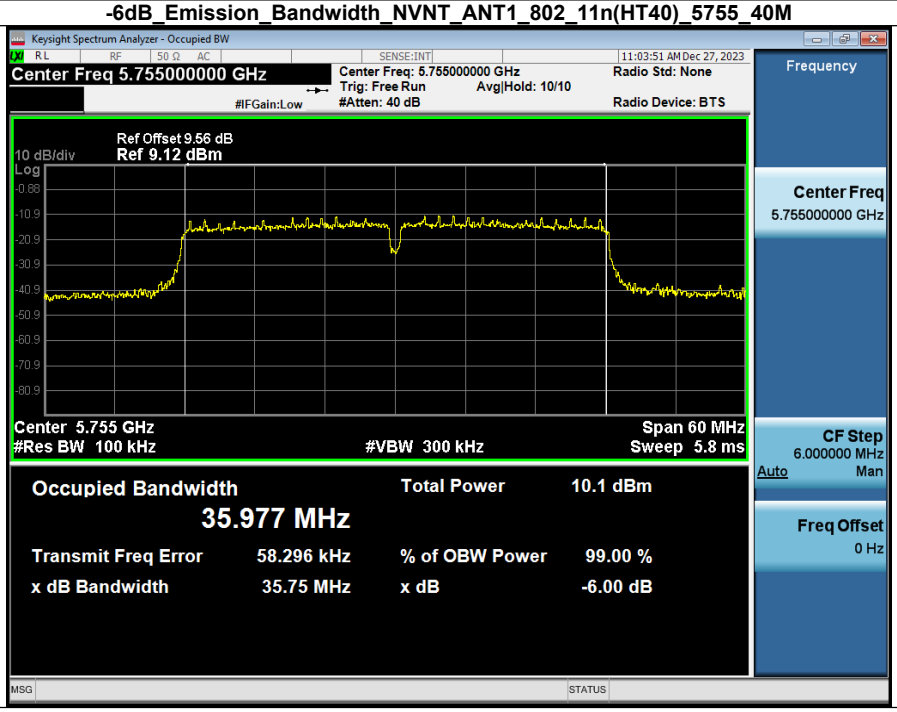



**-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5825_20M**



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M

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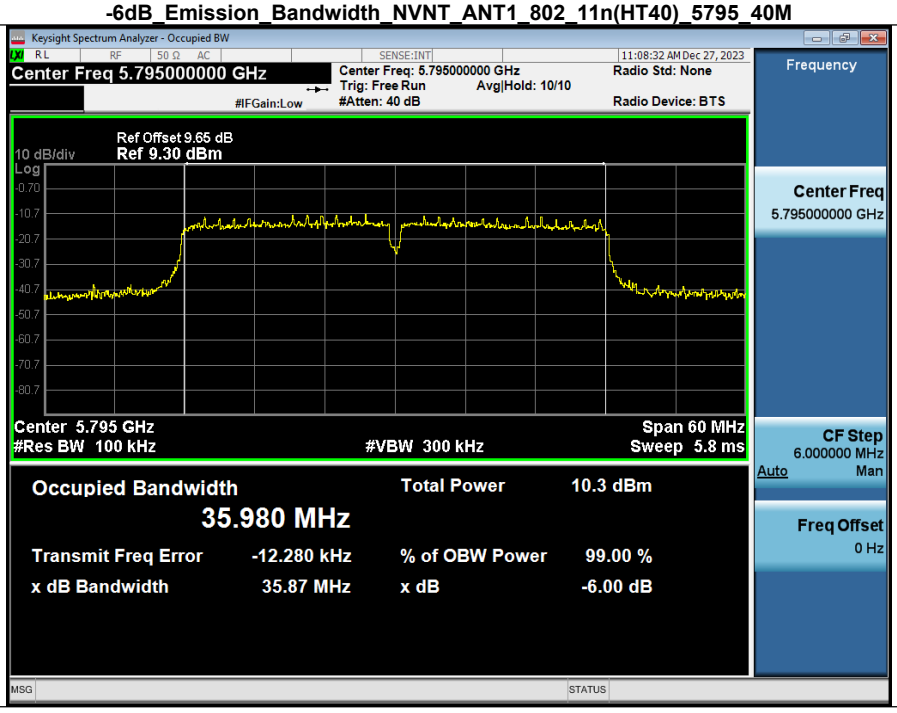

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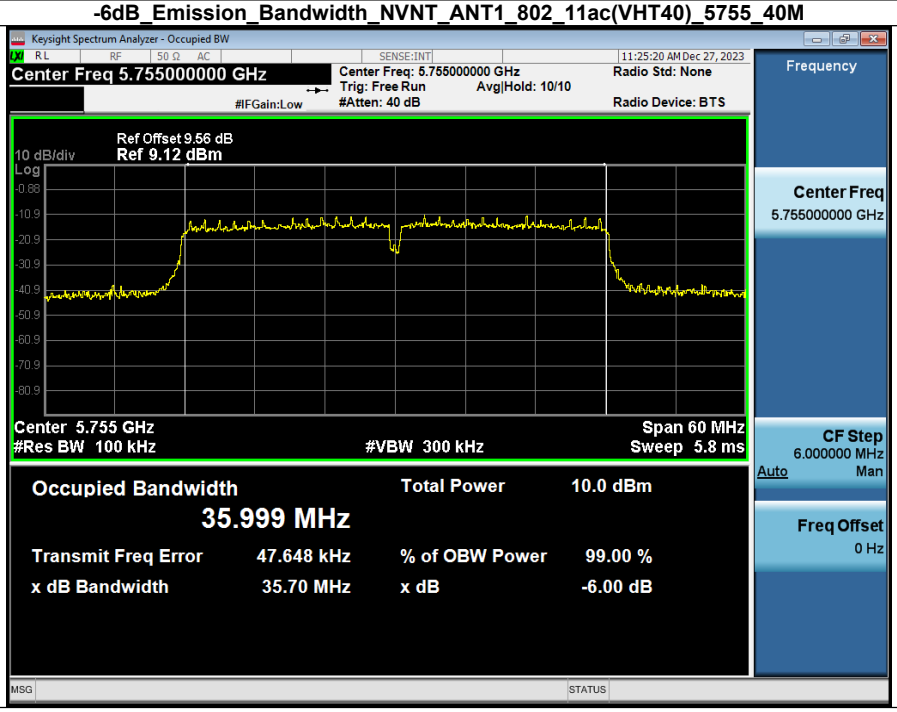
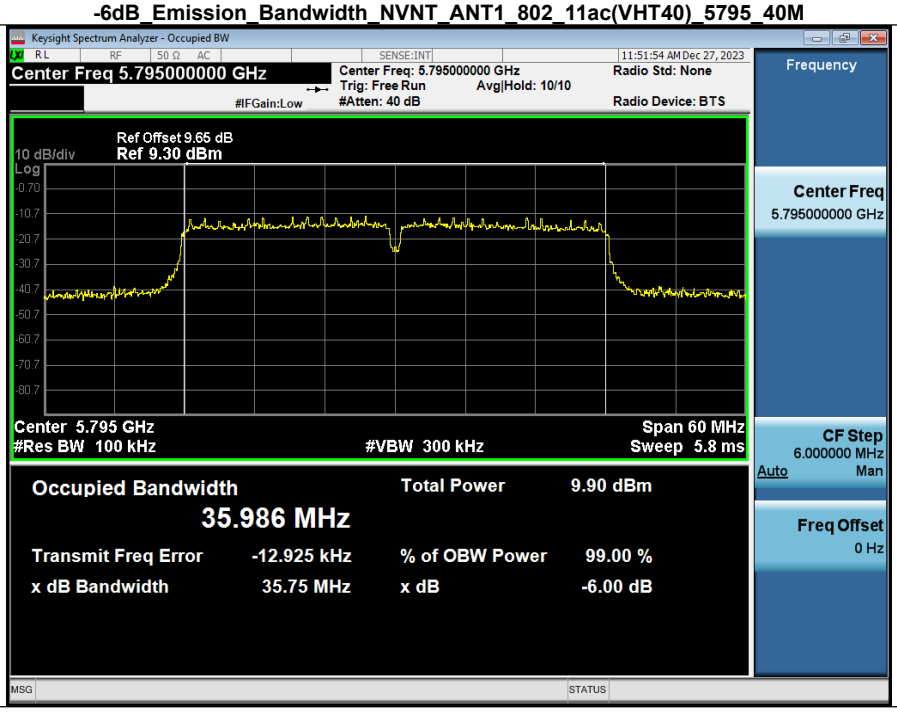
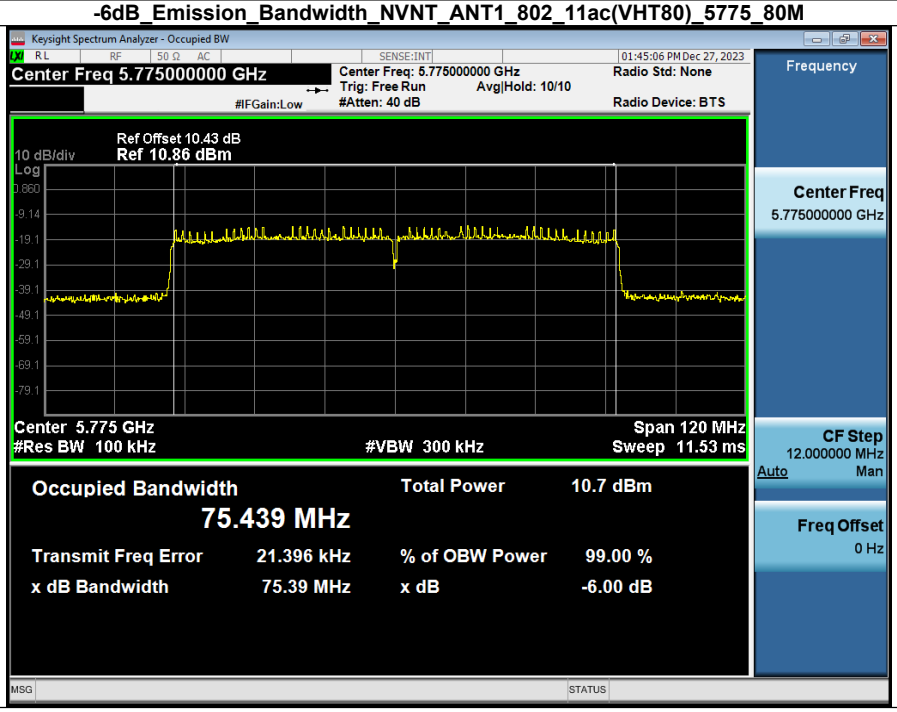



**-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5795_40M**



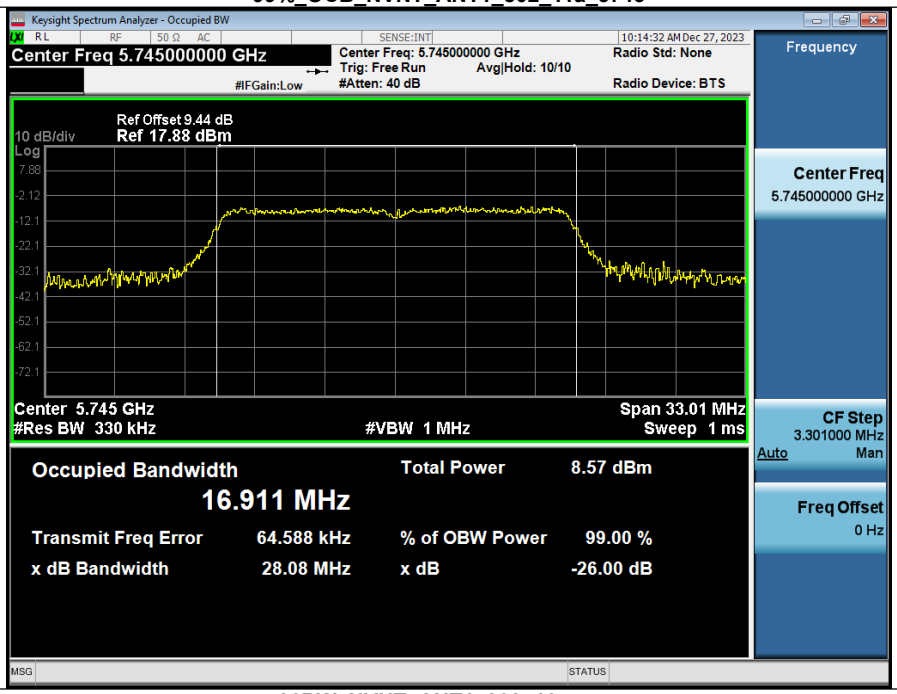
**-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5775_80M**



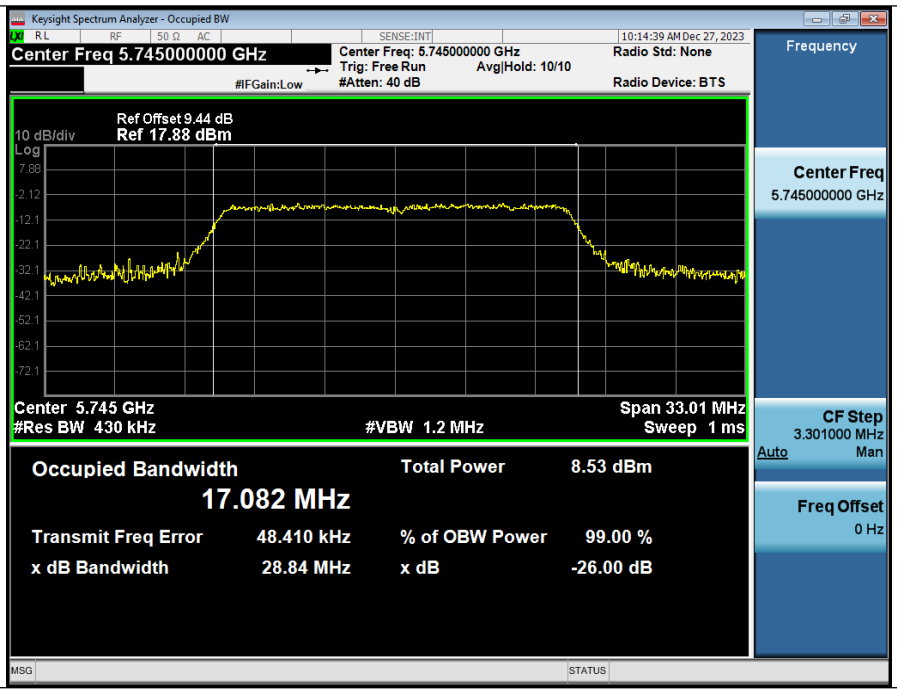
## 2. -26dB and 99% Emission Bandwidth

| Condition | Antenna | Modulation | Frequency(MHz) | -26dB_Emission_Bandwidth(MHz) | Occupied Bandwidth(MHz) |
|---|---|---|---|---|---|
| NVNT | ANT1 | 802.11a | 5745.00 | 28.84 | 16.91 |
| NVNT | ANT1 | 802.11a | 5785.00 | 29.69 | 16.89 |
| NVNT | ANT1 | 802.11a | 5825.00 | 30.68 | 16.86 |
| NVNT | ANT1 | 802.11n(HT20) | 5745.00 | 32.62 | 17.85 |
| NVNT | ANT1 | 802.11n(HT20) | 5785.00 | 32.52 | 17.83 |
| NVNT | ANT1 | 802.11n(HT20) | 5825.00 | 33.74 | 17.82 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5745.00 | 30.34 | 17.88 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5785.00 | 30.40 | 17.78 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5825.00 | 32.85 | 17.82 |
| NVNT | ANT1 | 802.11n(HT40) | 5755.00 | 47.53 | 36.32 |
| NVNT | ANT1 | 802.11n(HT40) | 5795.00 | 51.13 | 36.37 |
| NVNT | ANT1 | 802.11ac(VHT40) | 5755.00 | 50.96 | 36.34 |
| NVNT | ANT1 | 802.11ac(VHT40) | 5795.00 | 52.16 | 36.33 |
| NVNT | ANT1 | 802.11ac(VHT80) | 5775.00 | 100.02 | 75.87 |

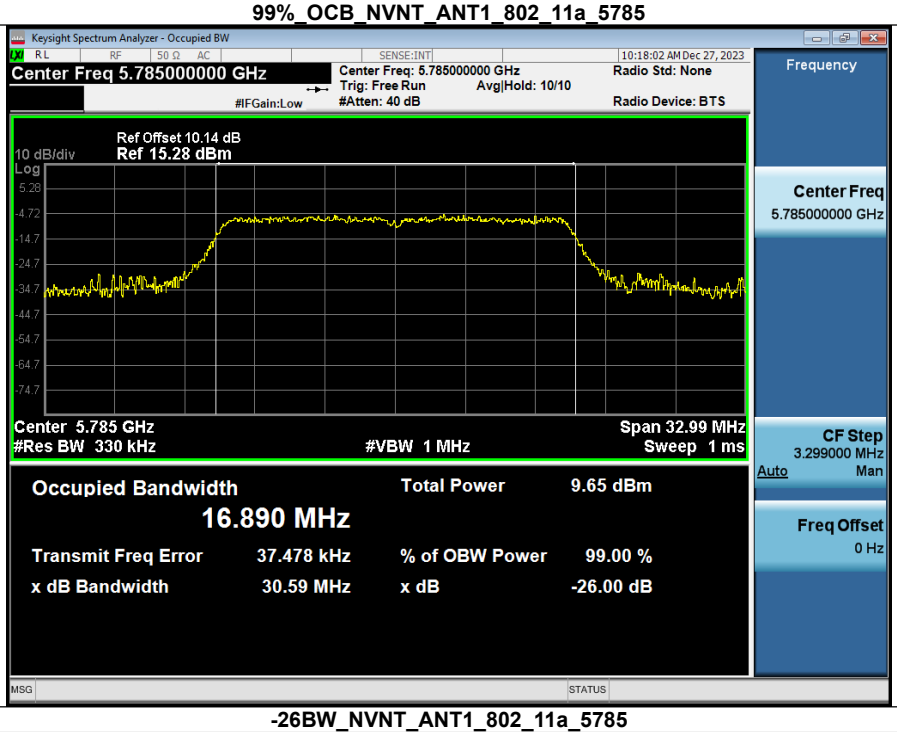
**99%_OCB_NVNT_ANT1_802_11a_5745**




**-26BW_NVNT_ANT1_802_11a_5745**




**99%_OCB_NVNT_ANT1_802_11a_5785**

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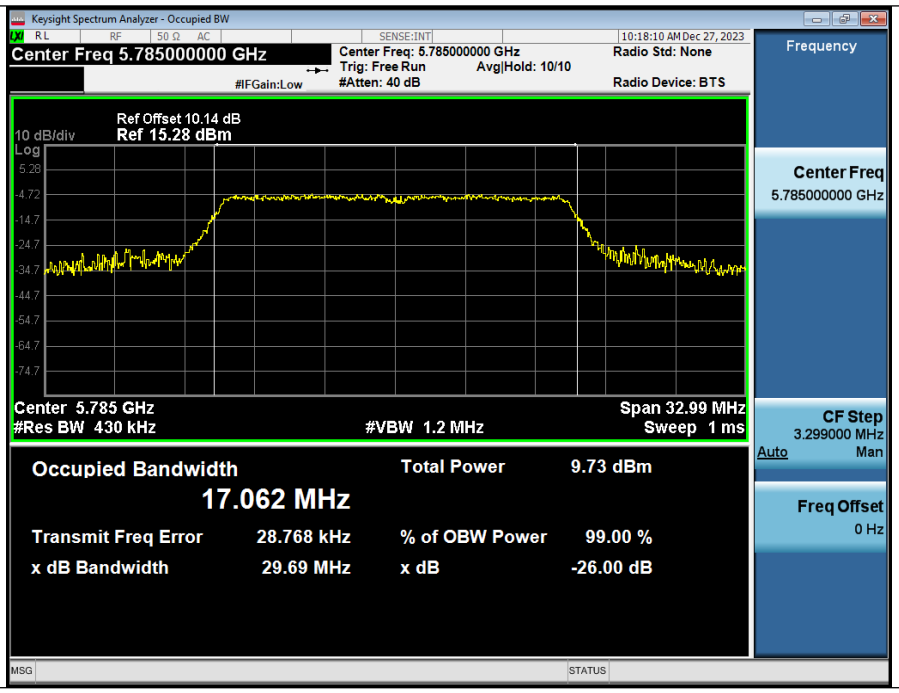
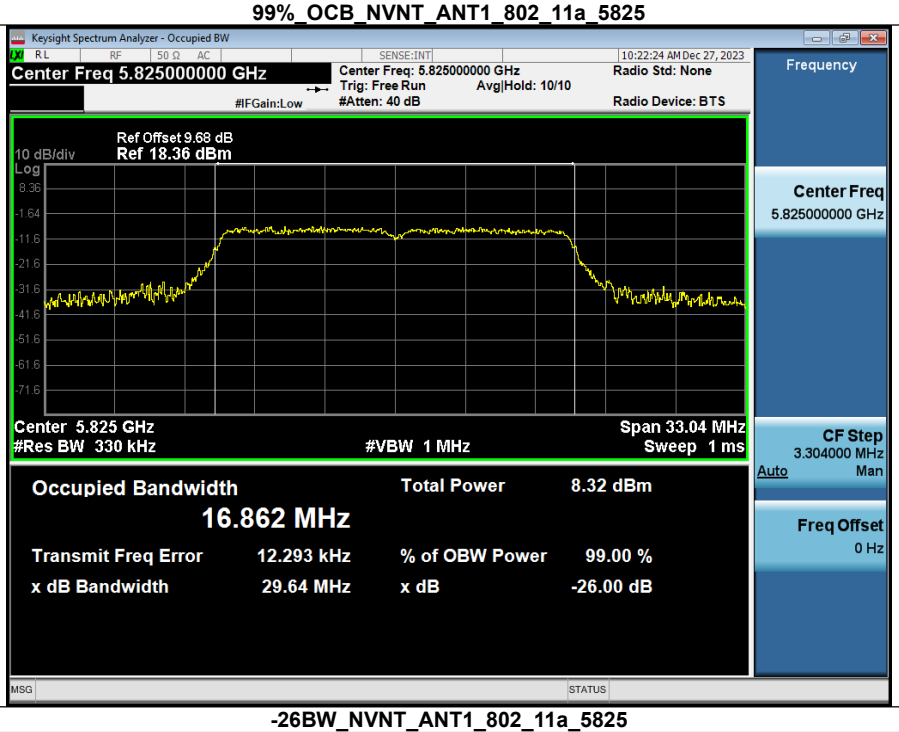



**99%_OCB_NVNT_ANT1_802_11a_5825**

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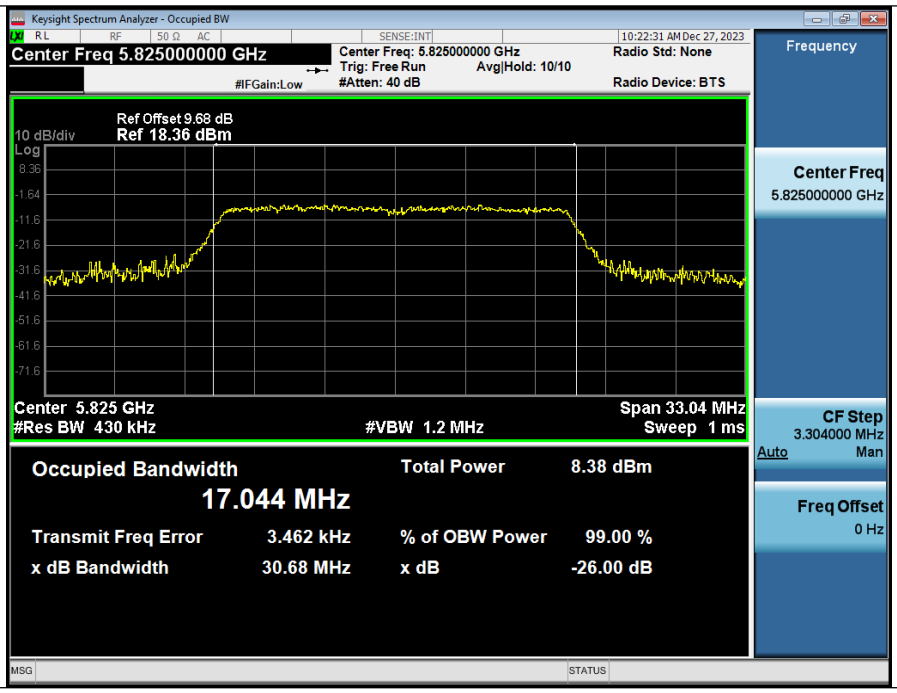
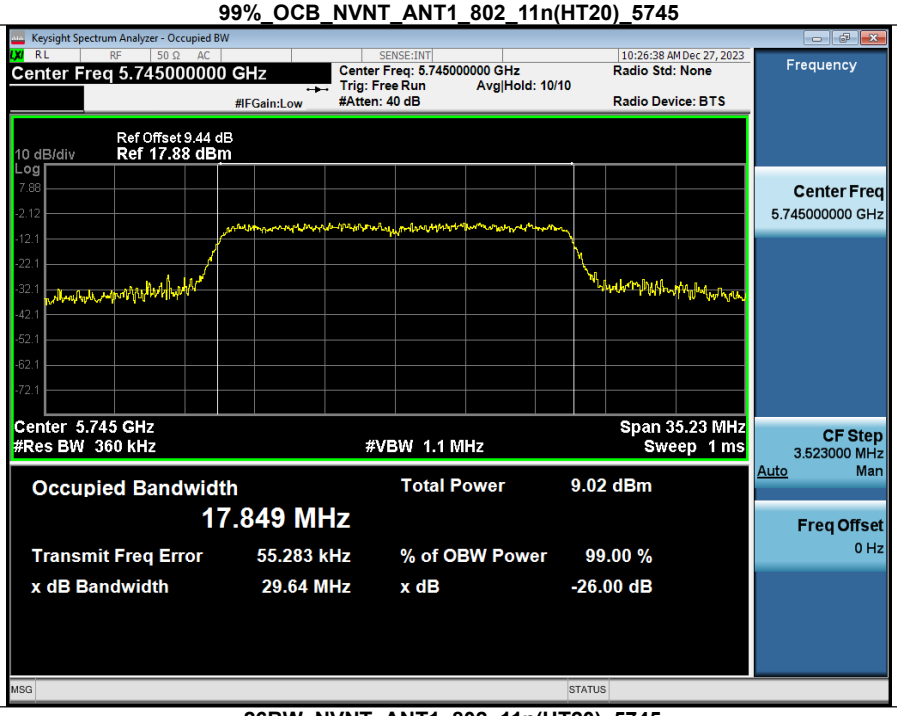
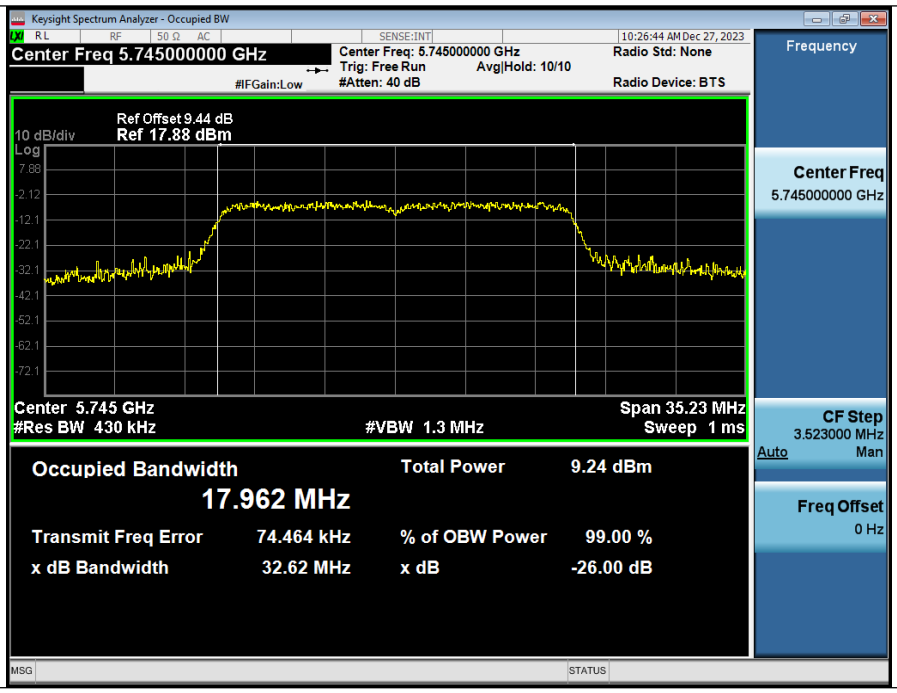


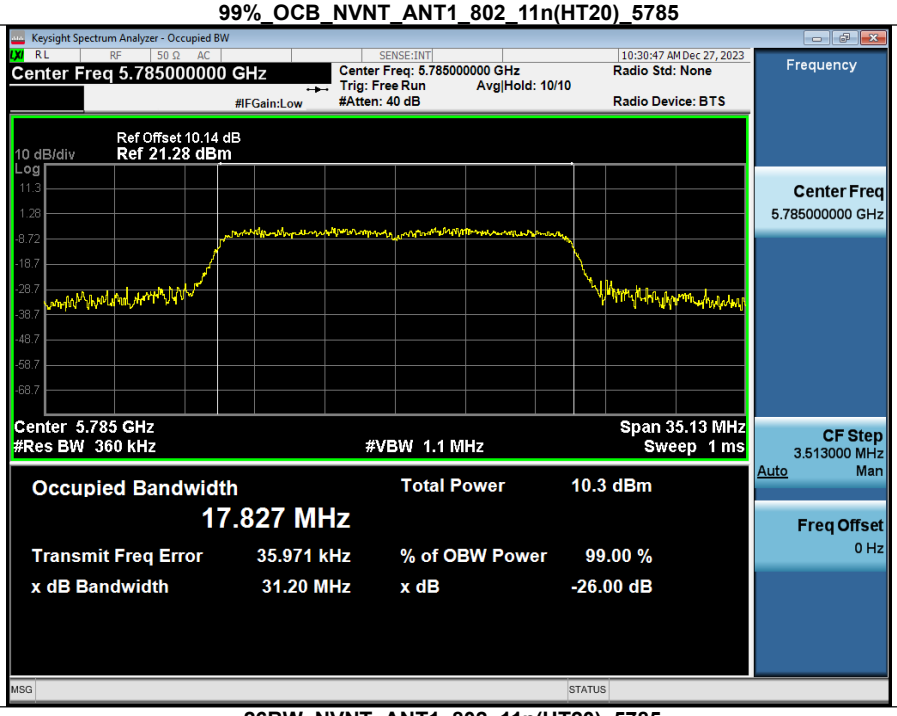

**99%_OCB_NVNT_ANT1_802_11n(HT20)_5745**



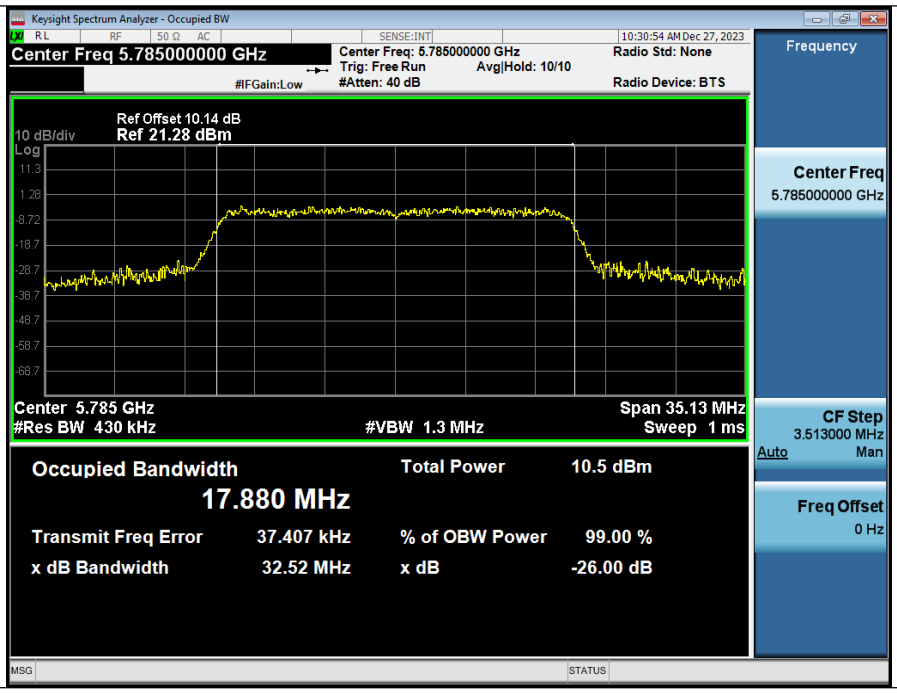

**-26BW_NVNT_ANT1_802_11n(HT20)_5745**



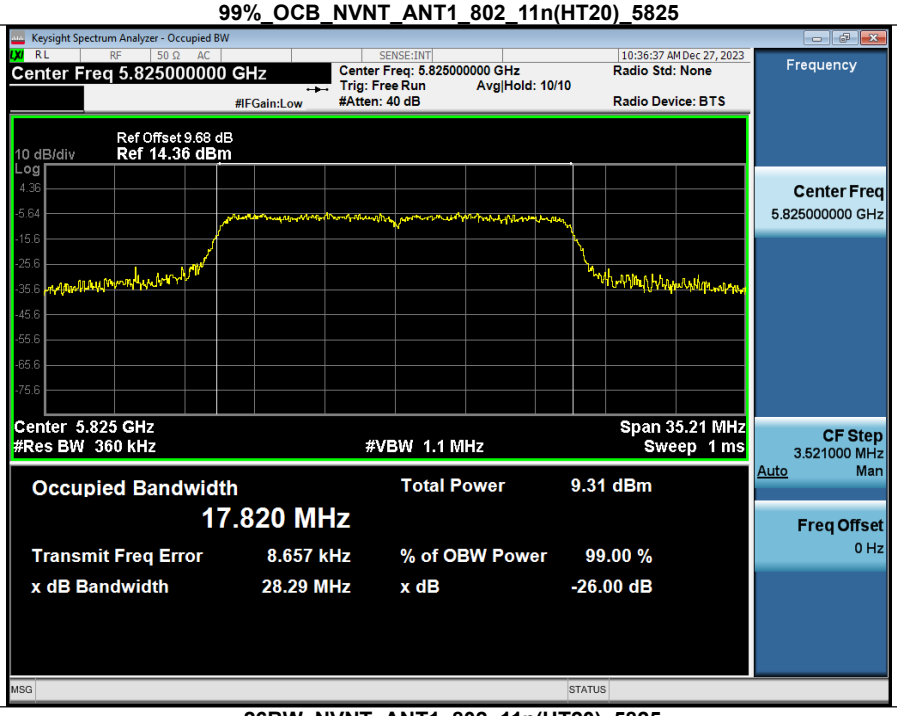

**99%_OCB_NVNT_ANT1_802_11n(HT20)_5785**




**-26BW_NVNT_ANT1_802_11n(HT20)_5785**




99%_OCB_NVNT_ANT1_802_11n(HT20)_5825

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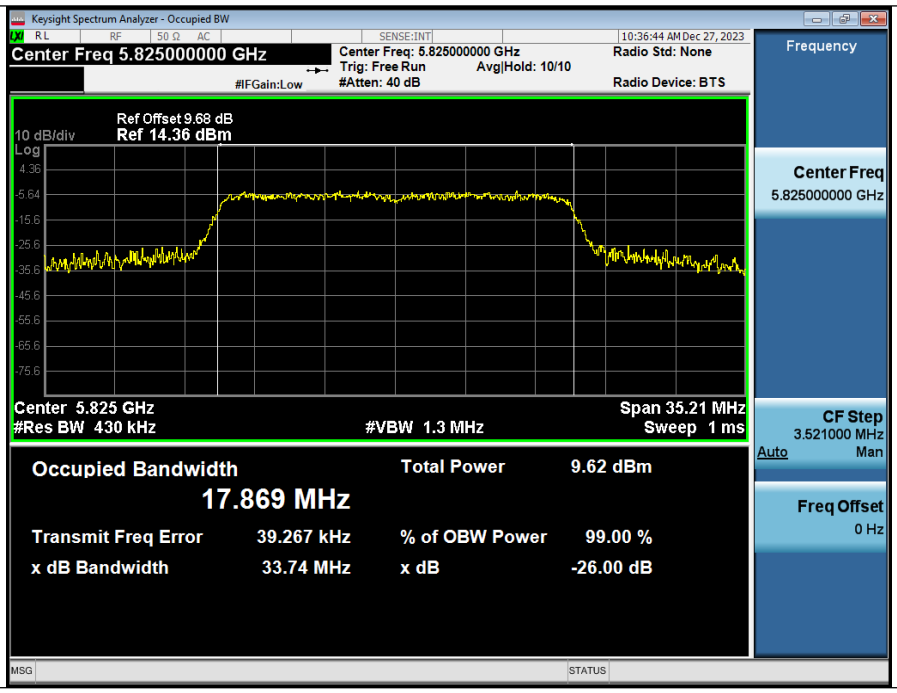
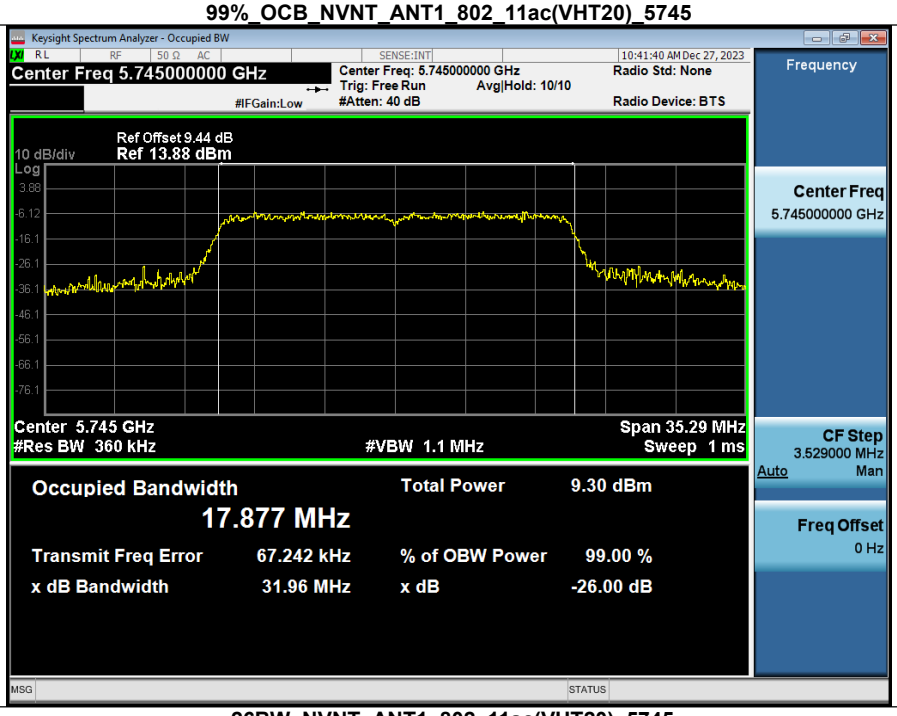



**99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5745**

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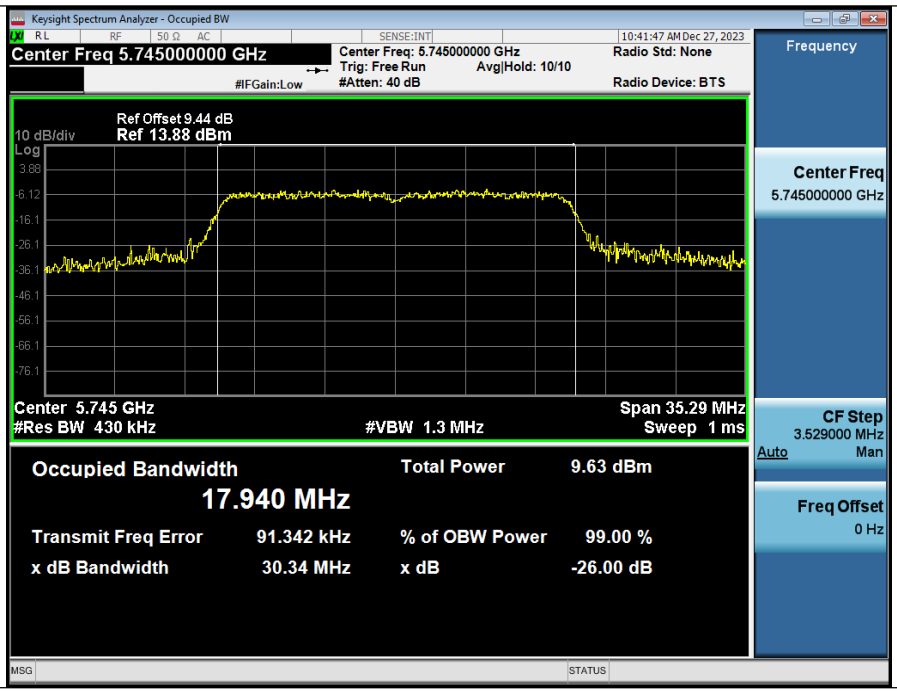
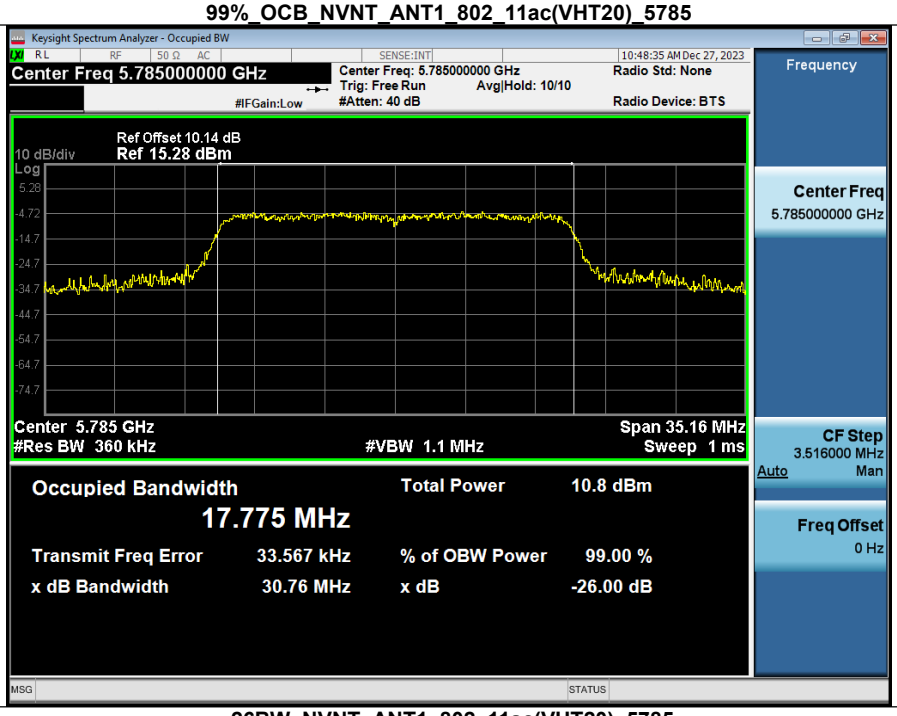
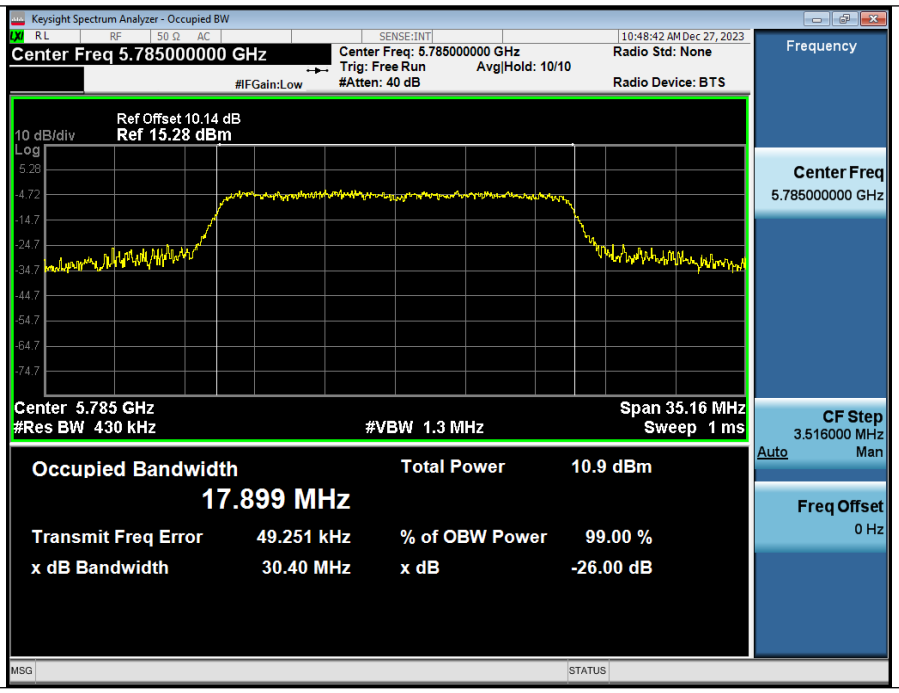



**99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5785**




**-26BW_NVNT_ANT1_802_11ac(VHT20)_5785**

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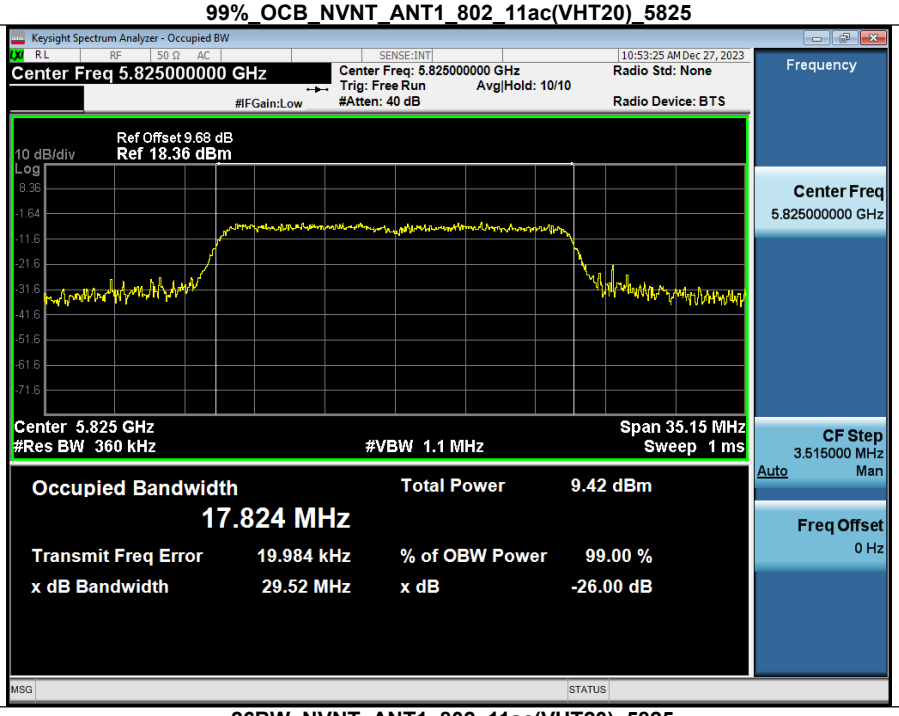


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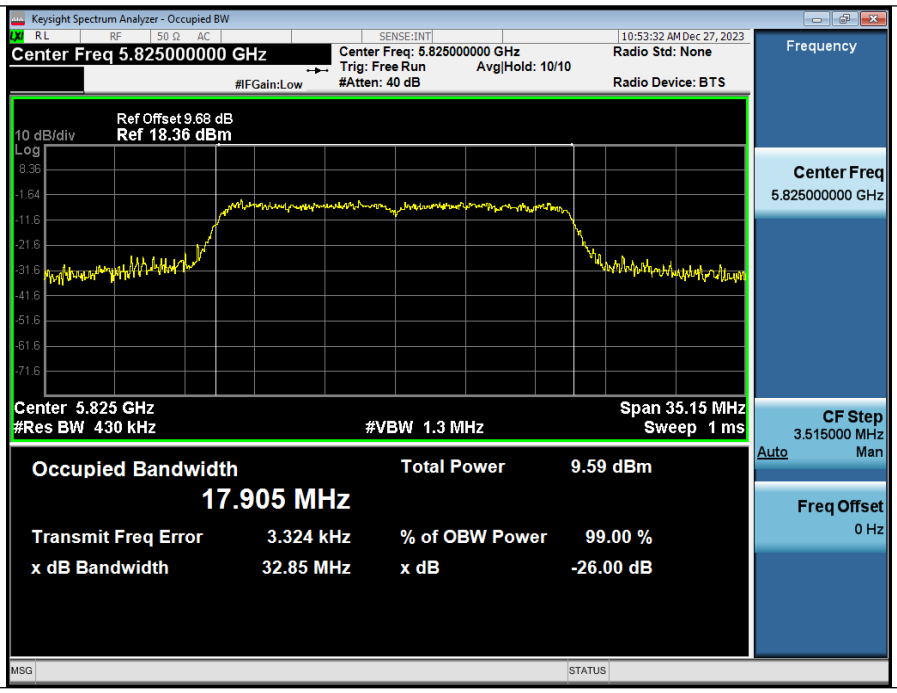


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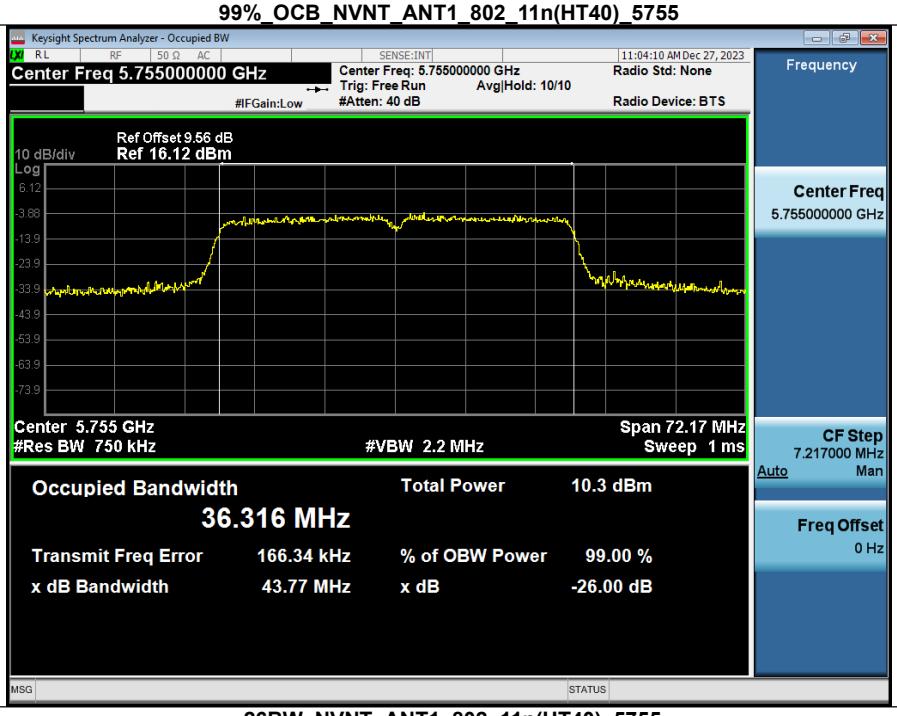
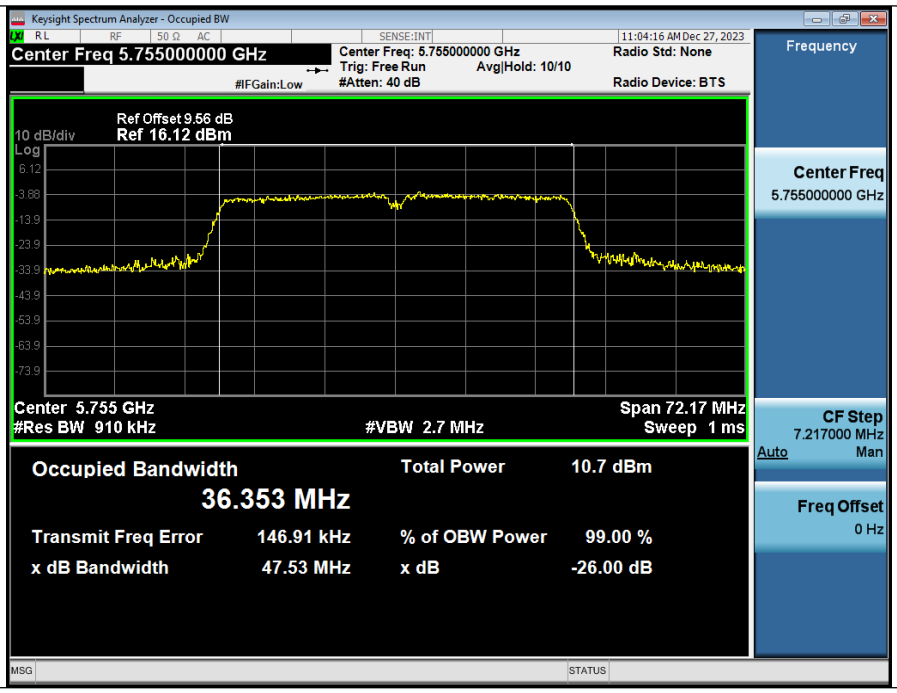



-26BW_NVNT_ANT1_802_11n(HT40)_5755

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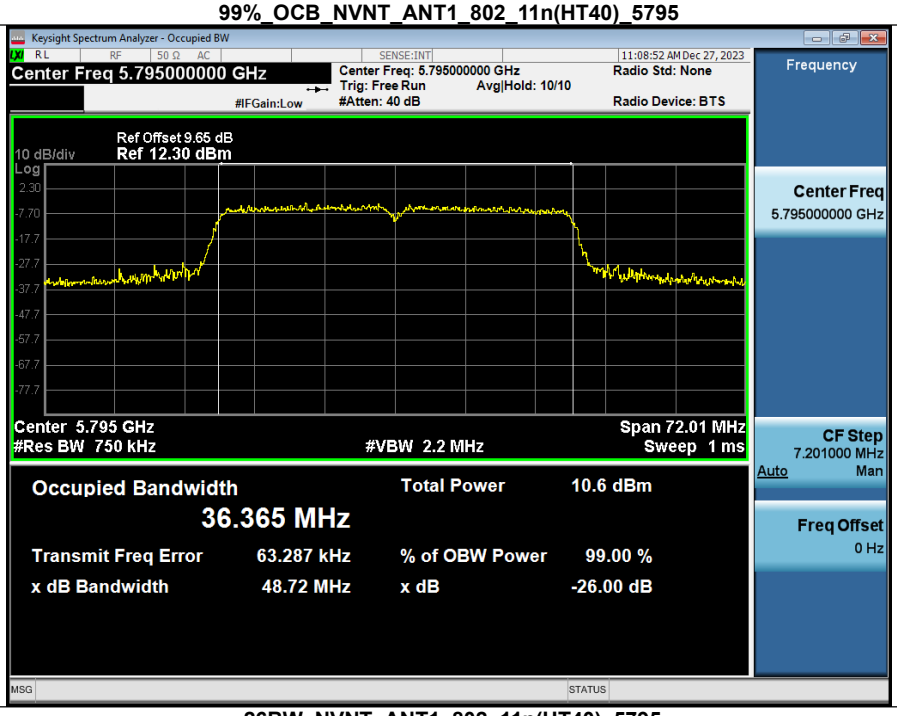


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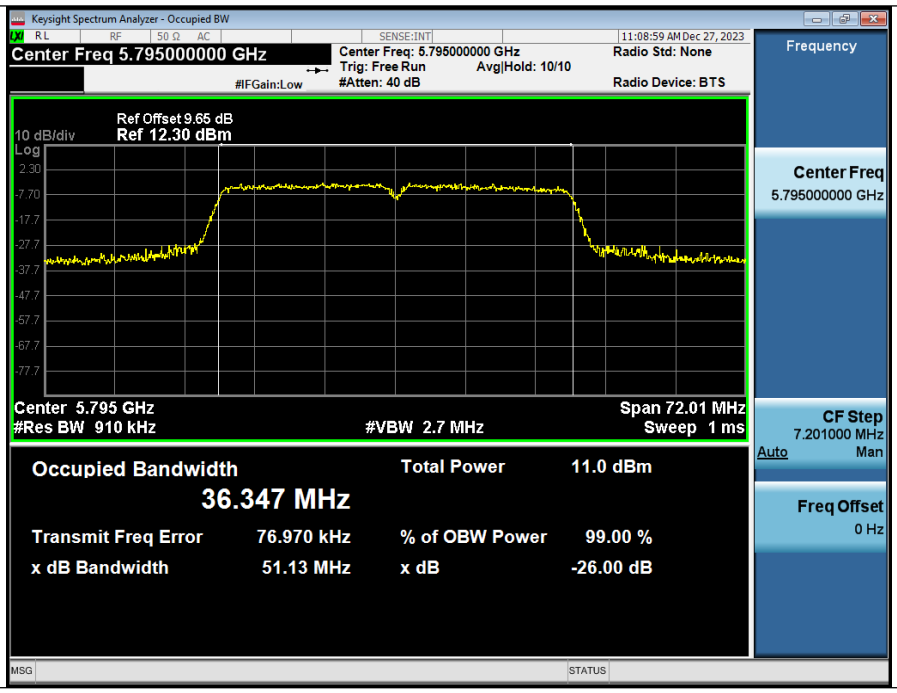
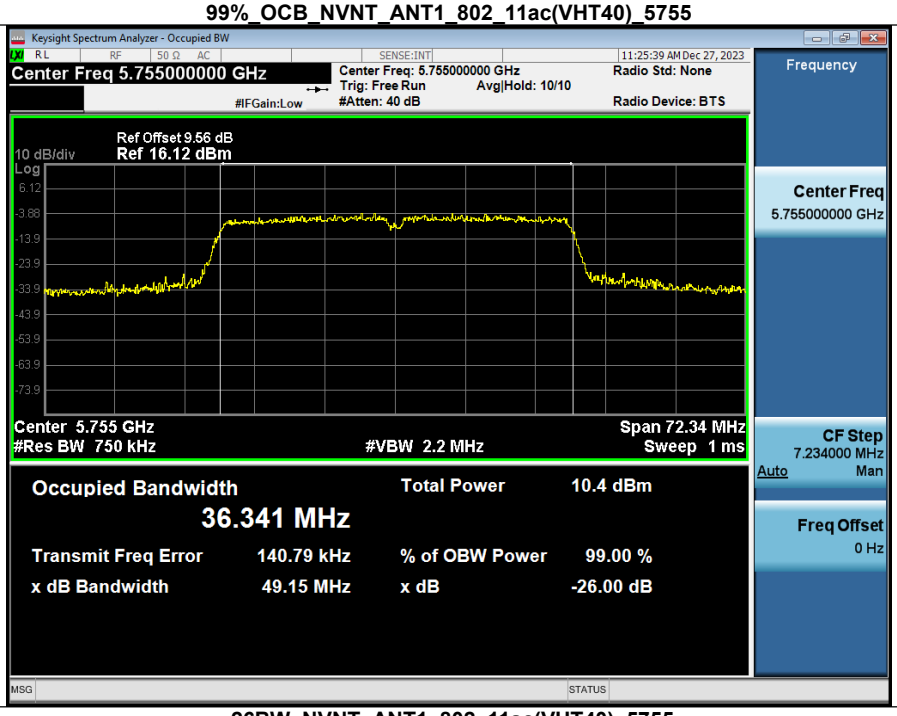
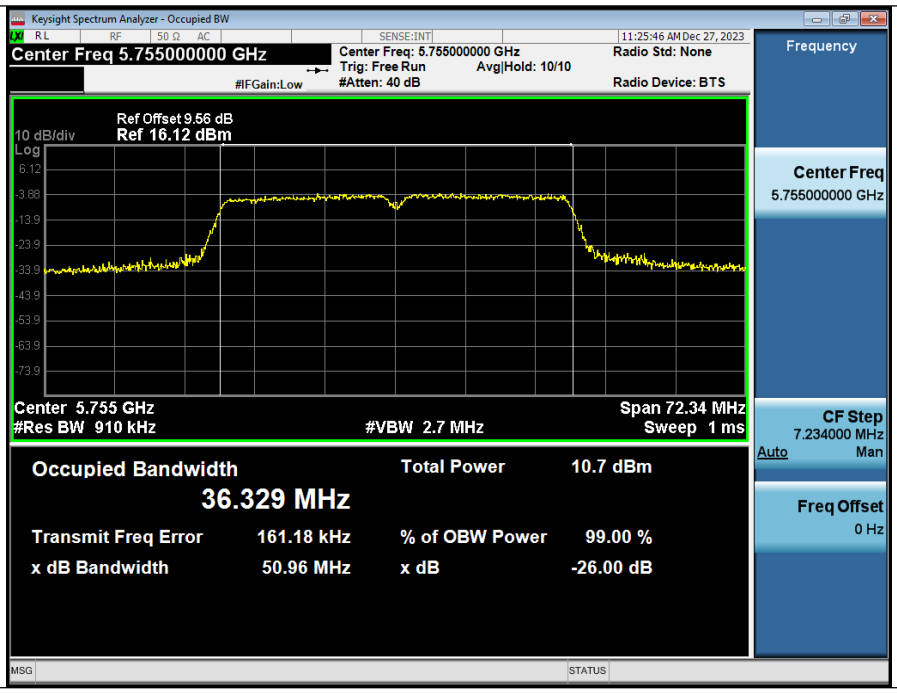


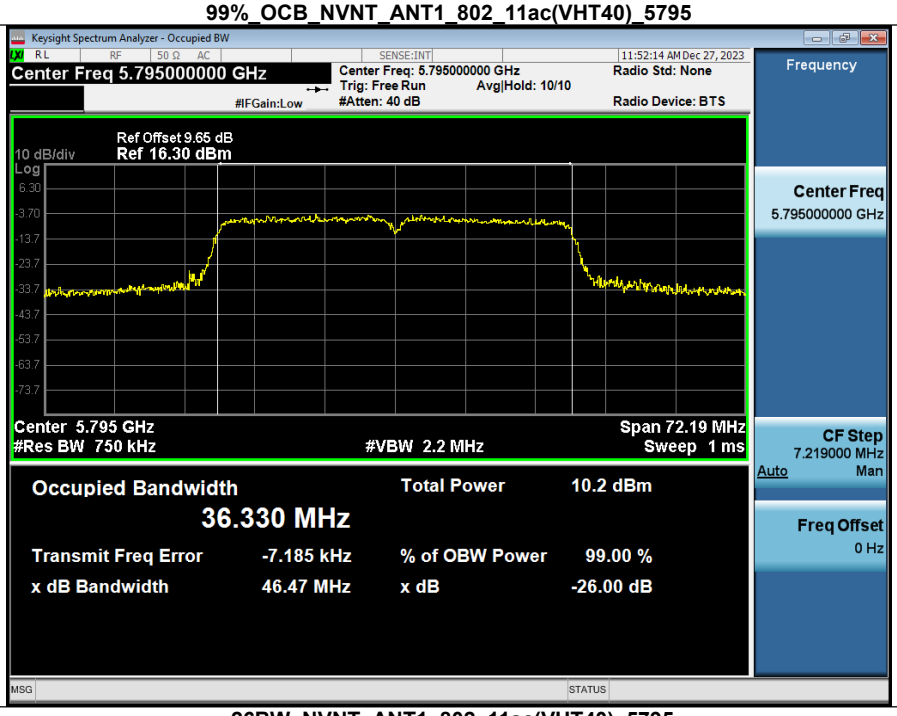

**99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755**



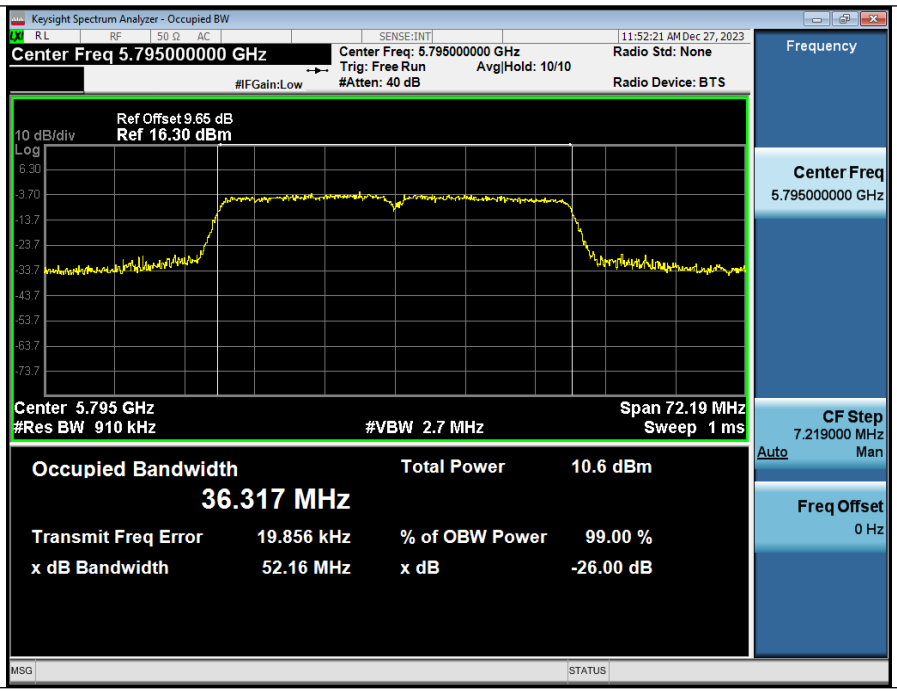

**-26BW_NVNT_ANT1_802_11ac(VHT40)_5755**



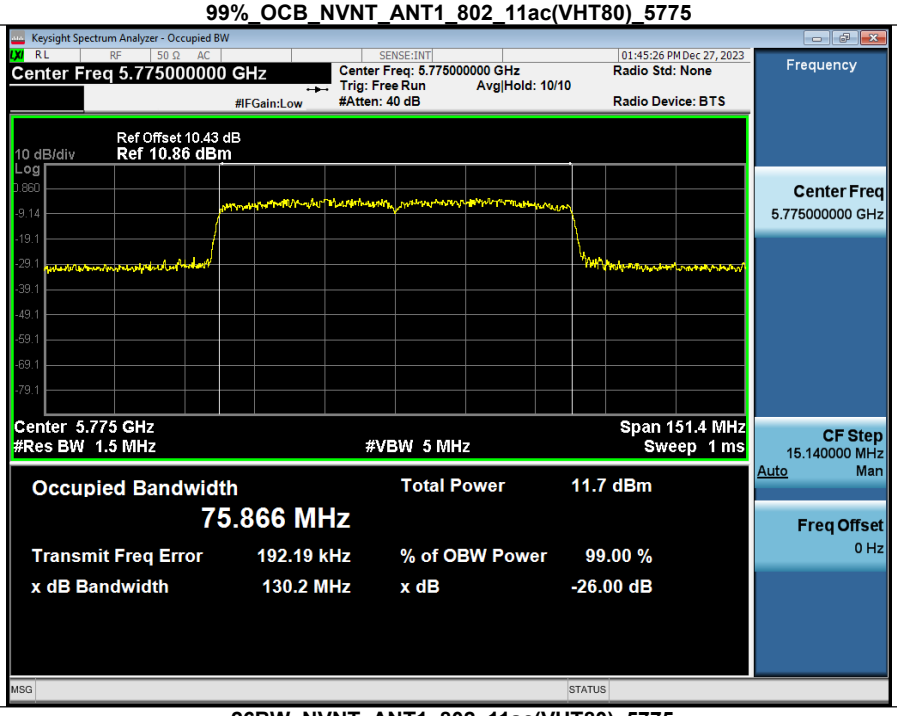

99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



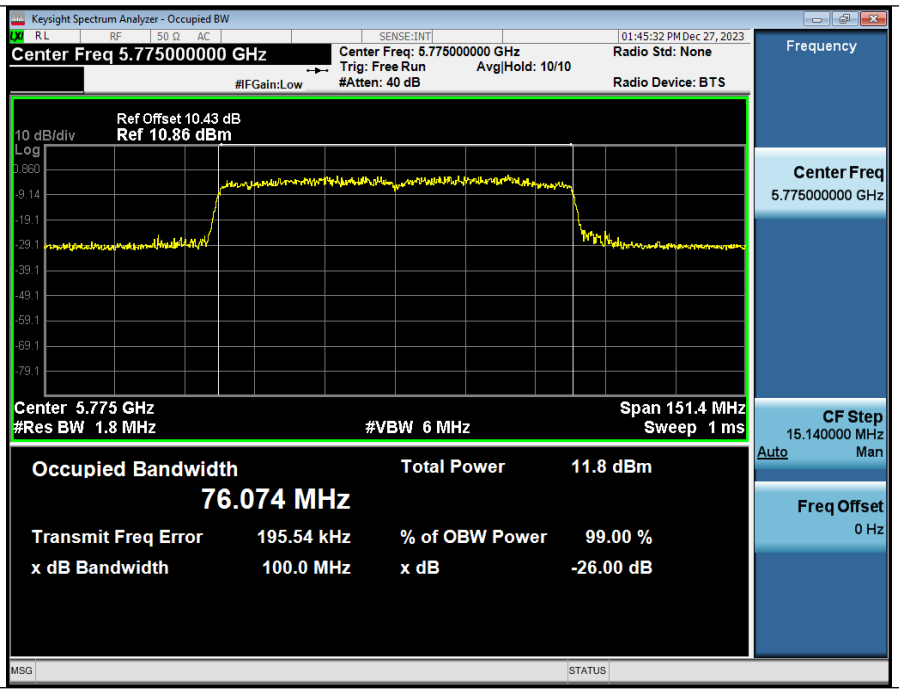

-26BW_NVNT_ANT1_802_11ac(VHT40)_5795




**99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775**




**-26BW_NVNT_ANT1_802_11ac(VHT80)_5775**


Keysight Spectrum Analyzer - Occupied BW
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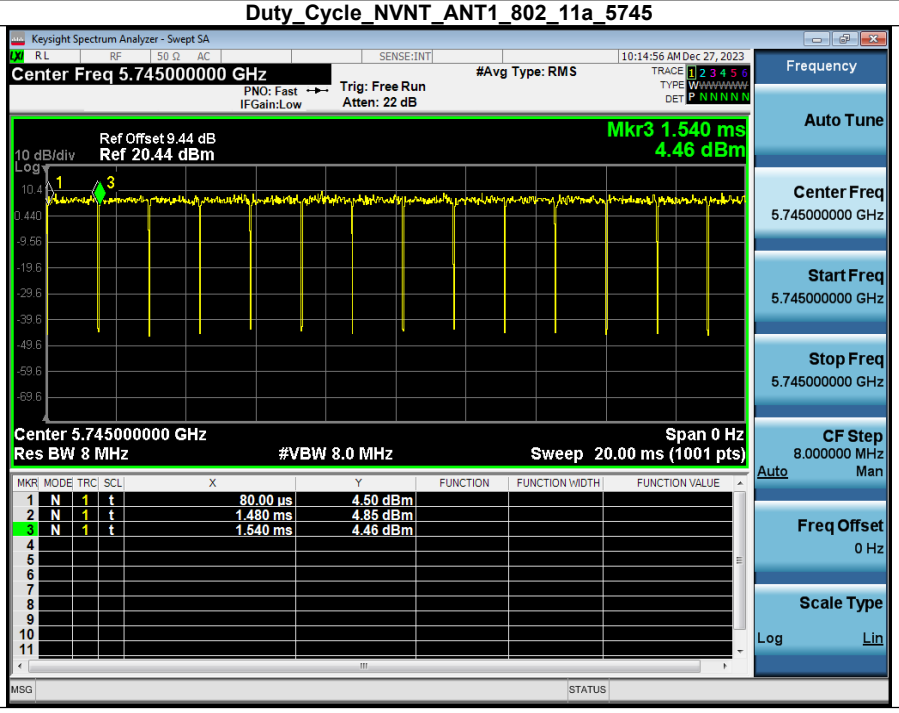
Center Freq: 5.775000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
01:45:32 PM Dec 27, 2023
#IFGain:Low
Ref Offset 10.43 dB
10 dB/div
Ref 10.86 dBm
Center 5.775 GHz
#Res BW 1.8 MHz
#VBW 6 MHz
Span 151.4 MHz
Sweep 1 ms
Occupied Bandwidth
76.074 MHz
Total Power 11.8 dBm
Transmit Freq Error 195.54 kHz
% of OBW Power 99.00 %
x dB Bandwidth 100.0 MHz
x dB -26.00 dB
Frequency
Center Freq
5.775000000 GHz
CF Step
15.140000 MHz
Auto Man
Freq Offset
0 Hz

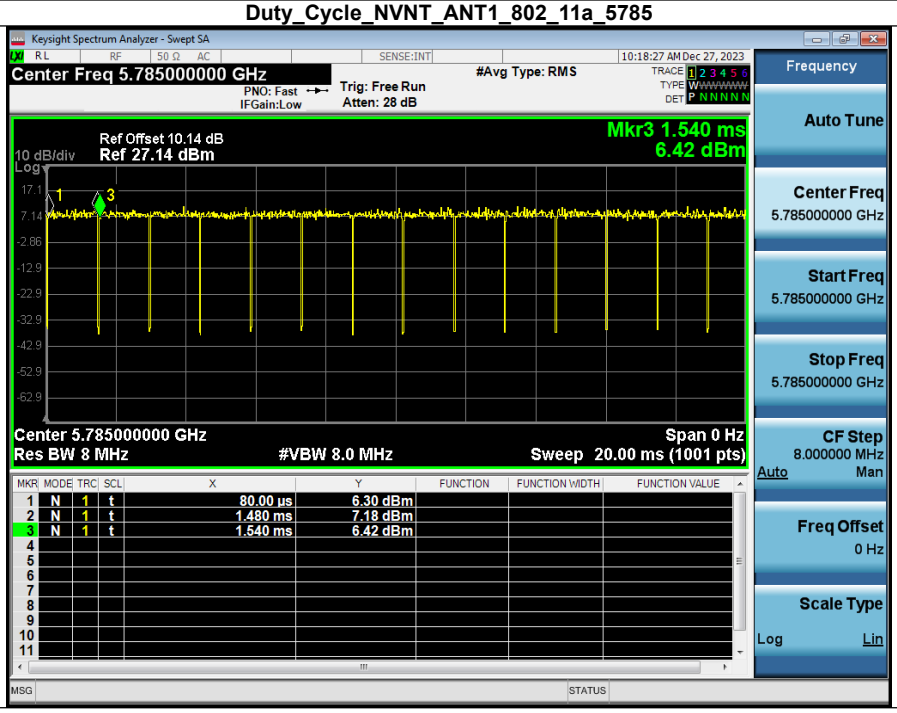
## 3. Duty Cycle

| Condition | Antenna | Modulation | Frequency (MHz) | Duty cycle(%) | Duty_factor |
|---|---|---|---|---|---|
| NVNT | ANT1 | 802.11a | 5745.00 | 95.89 | 0.18 |
| NVNT | ANT1 | 802.11a | 5785.00 | 95.89 | 0.18 |
| NVNT | ANT1 | 802.11a | 5825.00 | 97.22 | 0.12 |
| NVNT | ANT1 | 802.11n(HT20) | 5745.00 | 95.16 | 0.22 |
| NVNT | ANT1 | 802.11n(HT20) | 5785.00 | 96.72 | 0.14 |
| NVNT | ANT1 | 802.11n(HT20) | 5825.00 | 96.72 | 0.14 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5745.00 | 95.24 | 0.21 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5785.00 | 95.16 | 0.22 |
| NVNT | ANT1 | 802.11ac(VHT20) | 5825.00 | 95.16 | 0.22 |
| NVNT | ANT1 | 802.11n(HT40) | 5755.00 | 90.63 | 0.43 |
| NVNT | ANT1 | 802.11n(HT40) | 5795.00 | 93.75 | 0.28 |
| NVNT | ANT1 | 802.11ac(VHT40) | 5755.00 | 90.91 | 0.41 |
| NVNT | ANT1 | 802.11ac(VHT40) | 5795.00 | 90.91 | 0.41 |
| NVNT | ANT1 | 802.11ac(VHT80) | 5775.00 | 83.33 | 0.79 |

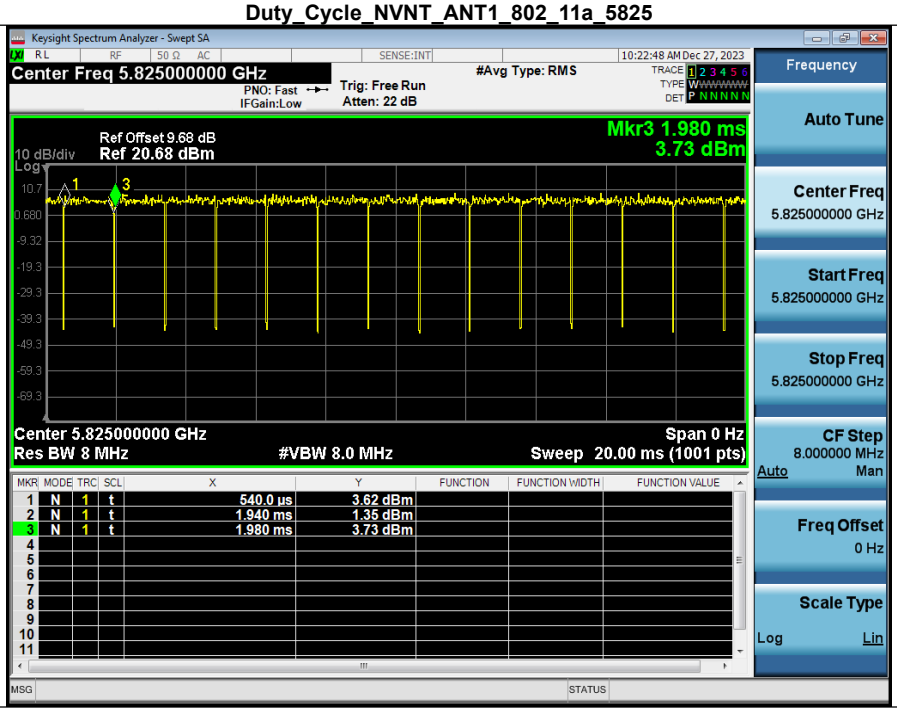
**Duty_Cycle_NVNT_ANT1_802_11a_5745**



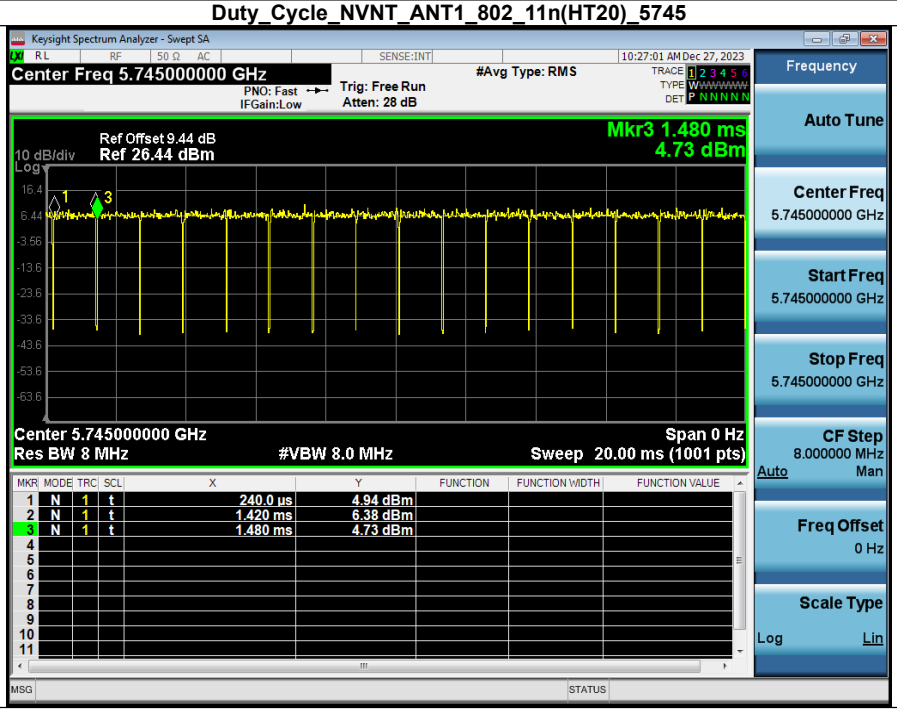
**Duty_Cycle_NVNT_ANT1_802_11a_5785**



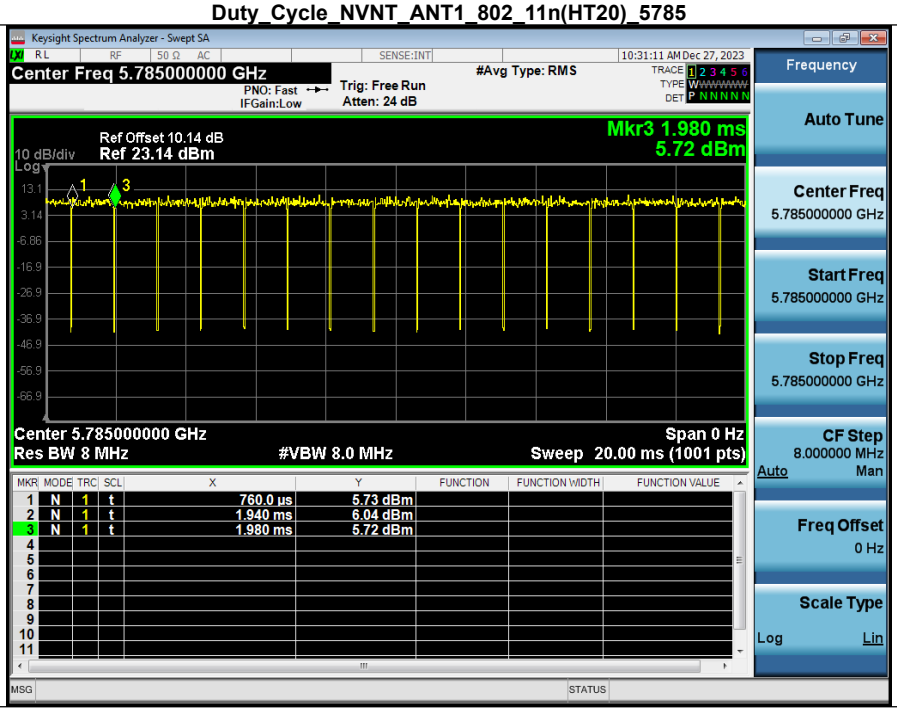

**Duty_Cycle_NVNT_ANT1_802_11a_5825**



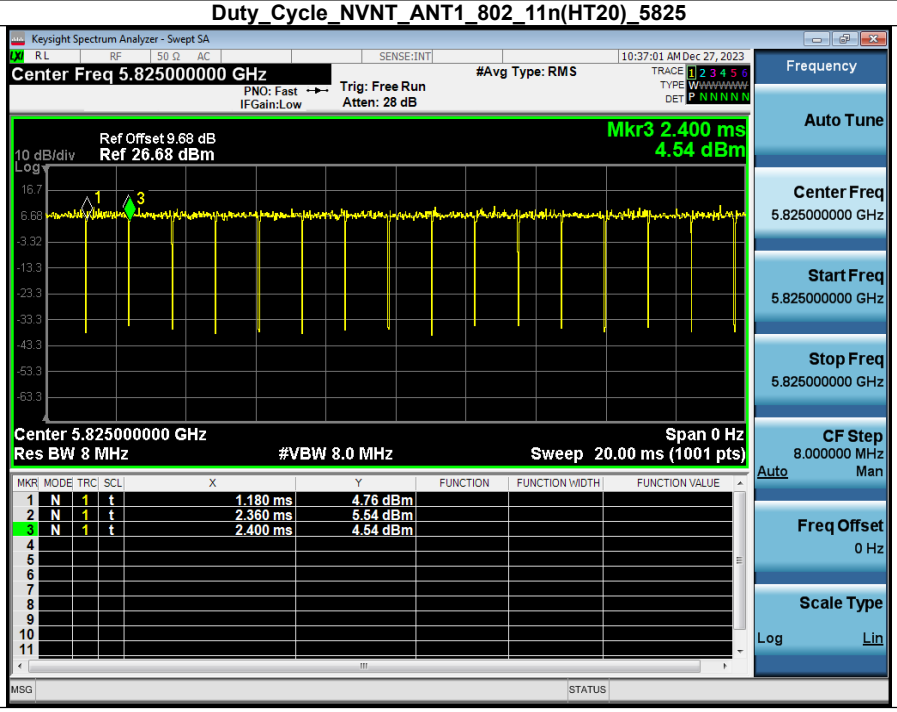
**Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745**



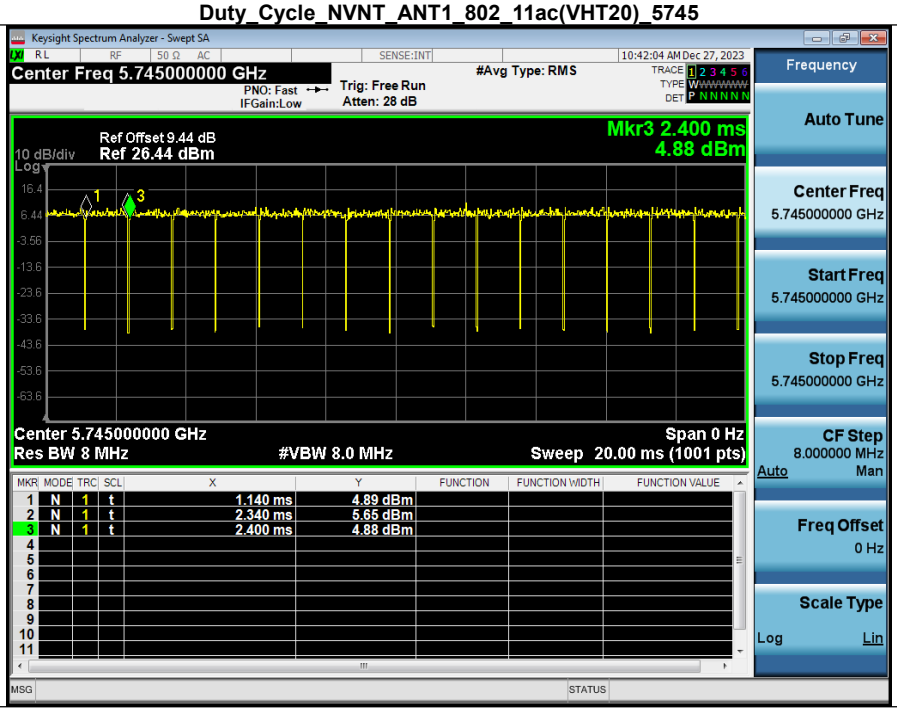

**Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5785**



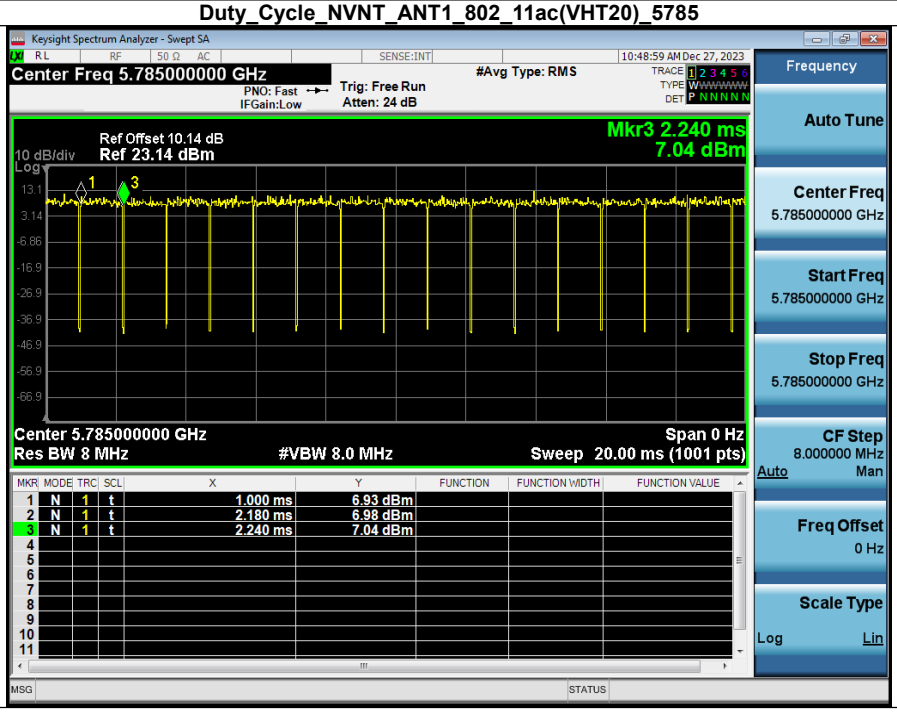
**Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825**



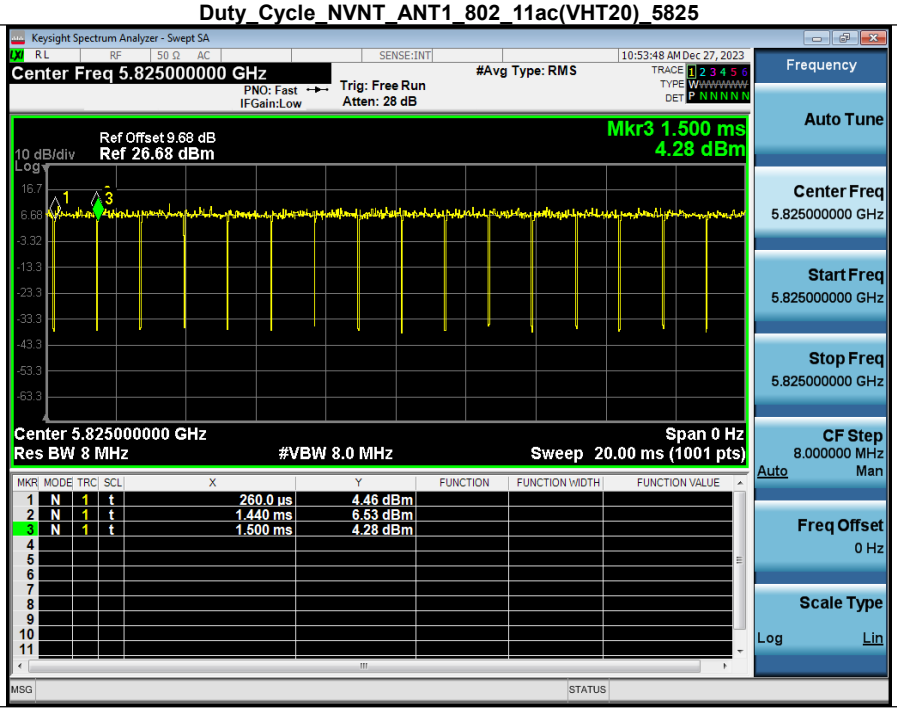

**Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5745**



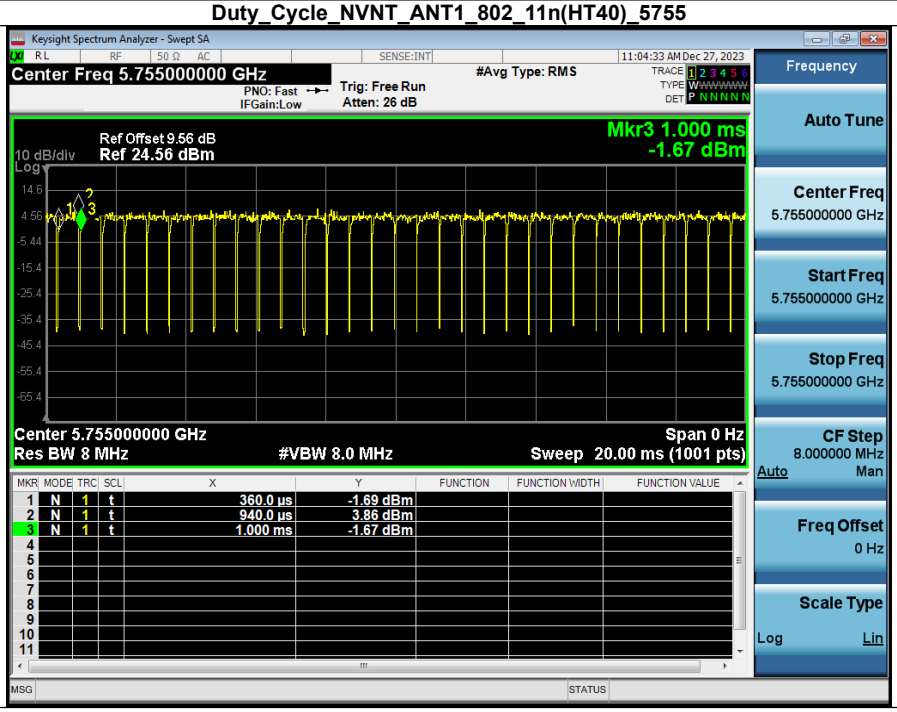
**Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5785**



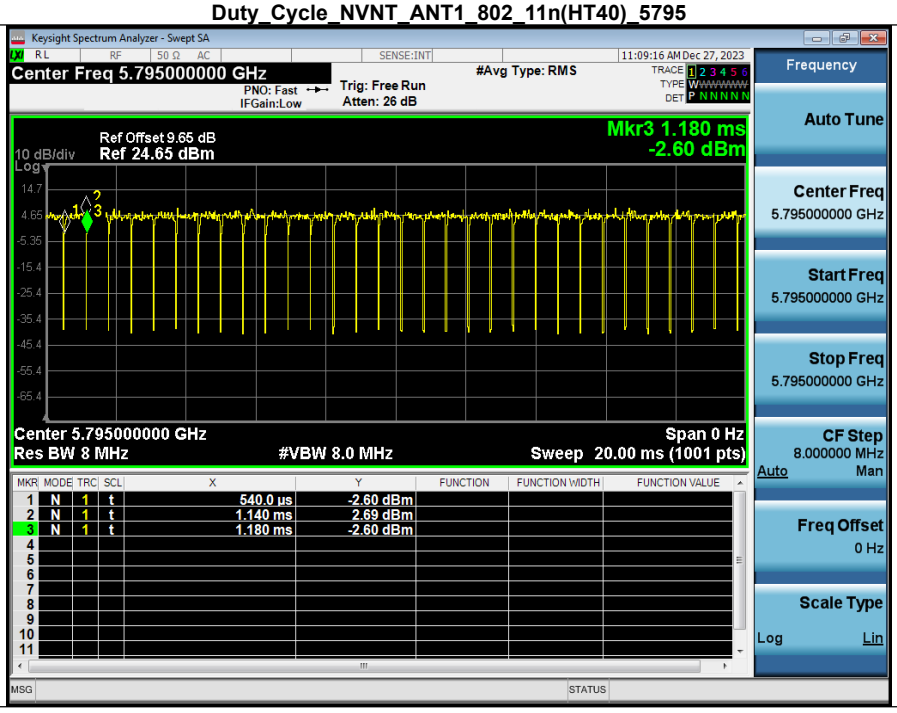

**Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5825**



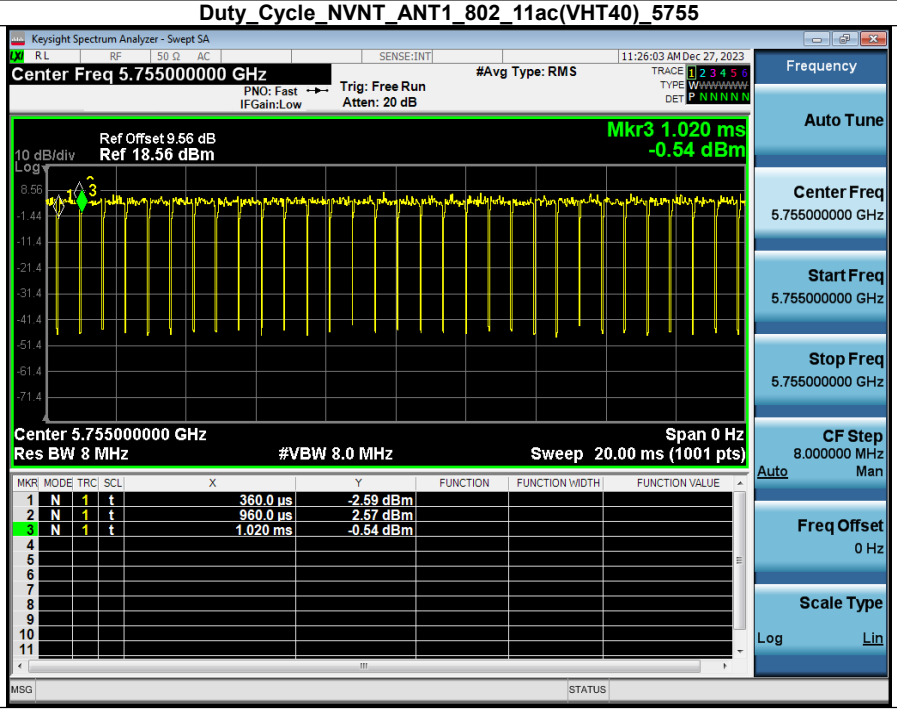
**Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755**



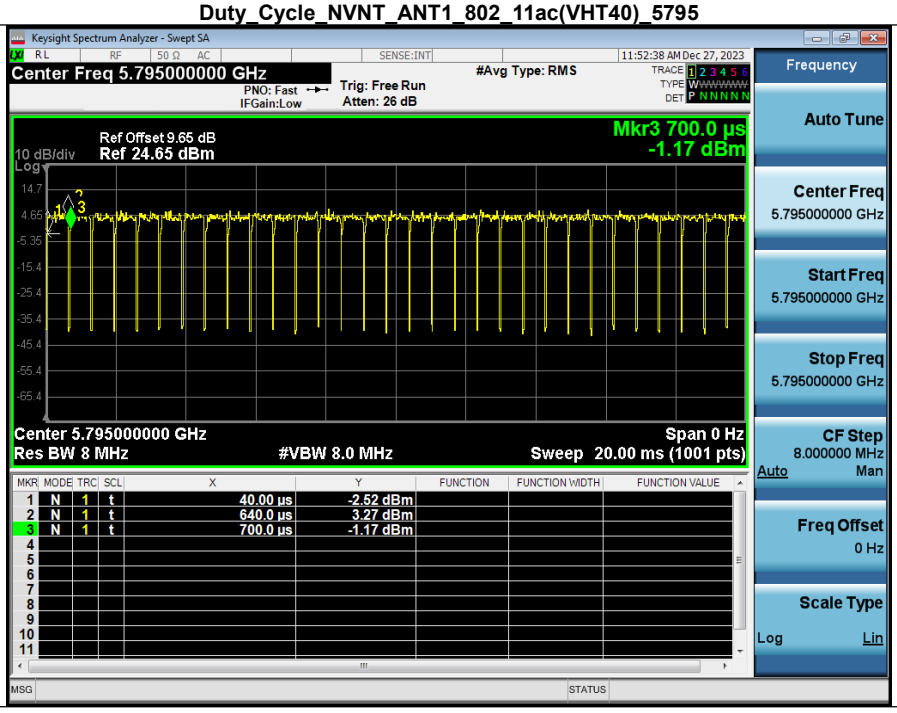

**Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795**



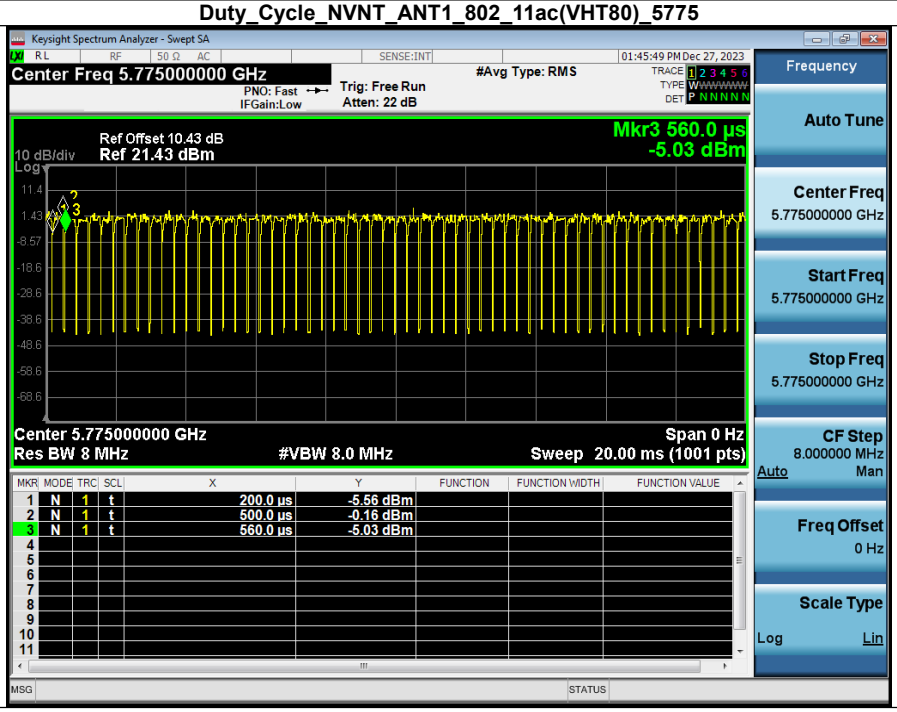
**Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5755**




**Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5795**



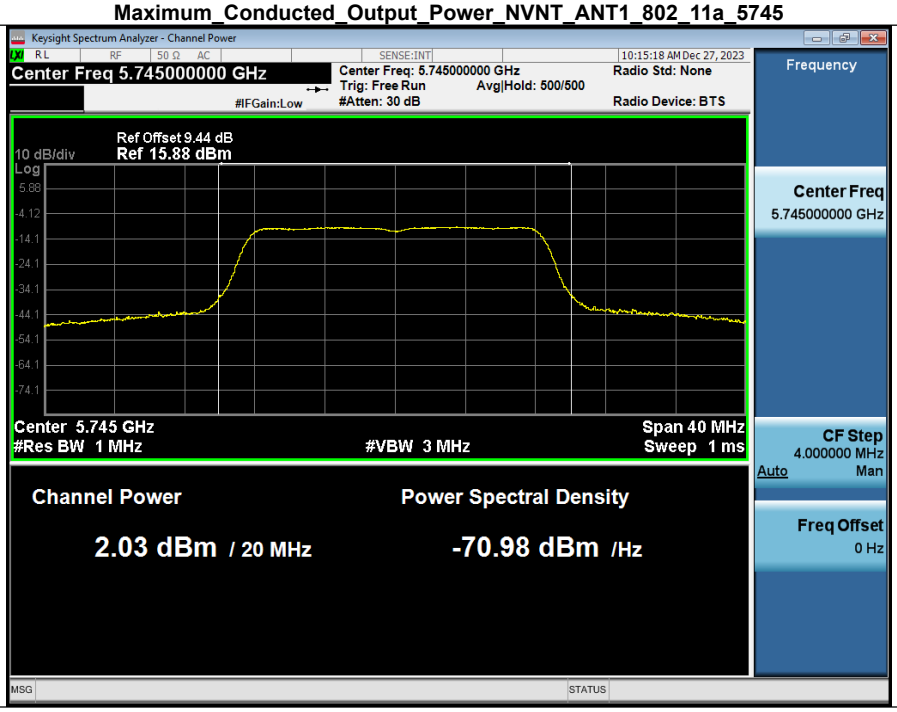
**Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5775**



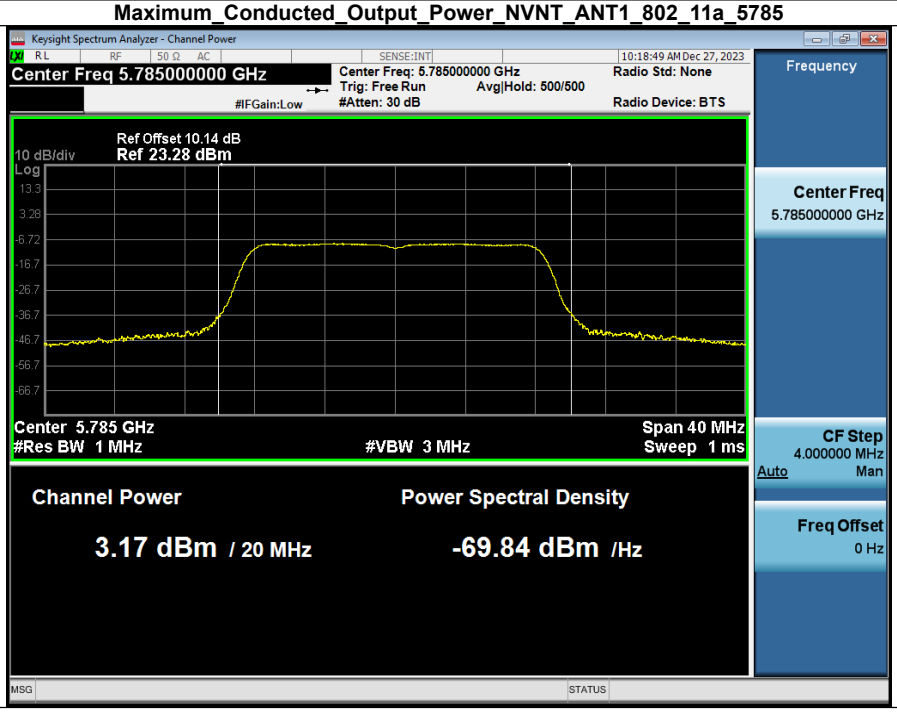
# 4. Maximum Conducted Output Power

| Condition | Antenna | Modulation | Frequency (MHz) | Conducted Power(dBm) | Duty factor(dB) | Total Power(dBm) | limit(dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| NVNT | ANT1 | 802.11a | 5745.00 | 2.03 | 0.18 | 2.21 | 30 | Pass |
| NVNT | ANT1 | 802.11a | 5785.00 | 3.17 | 0.18 | 3.35 | 30 | Pass |
| NVNT | ANT1 | 802.11a | 5825.00 | 1.81 | 0.12 | 1.93 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5745.00 | 2.25 | 0.22 | 2.47 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5785.00 | 3.45 | 0.14 | 3.59 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5825.00 | 2.57 | 0.14 | 2.71 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5745.00 | 2.67 | 0.21 | 2.88 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5785.00 | 3.88 | 0.22 | 4.10 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5825.00 | 2.57 | 0.22 | 2.79 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | 5755.00 | 2.62 | 0.43 | 3.05 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | 5795.00 | 2.85 | 0.28 | 3.13 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | 5755.00 | 2.63 | 0.41 | 3.04 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | 5795.00 | 2.48 | 0.41 | 2.89 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | 5775.00 | 2.50 | 0.79 | 3.29 | 30 | Pass |

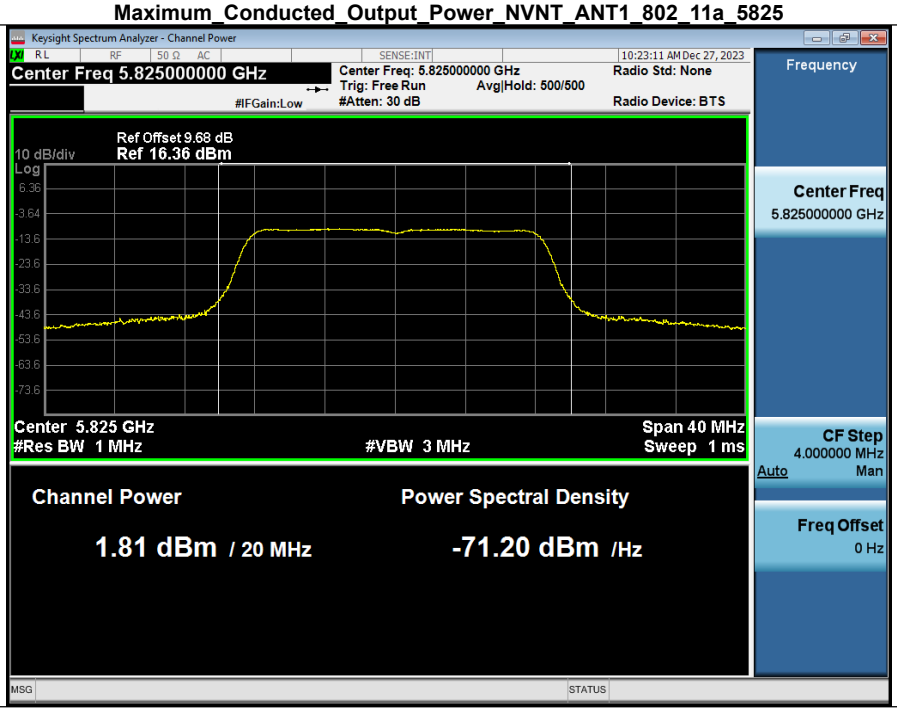
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745**



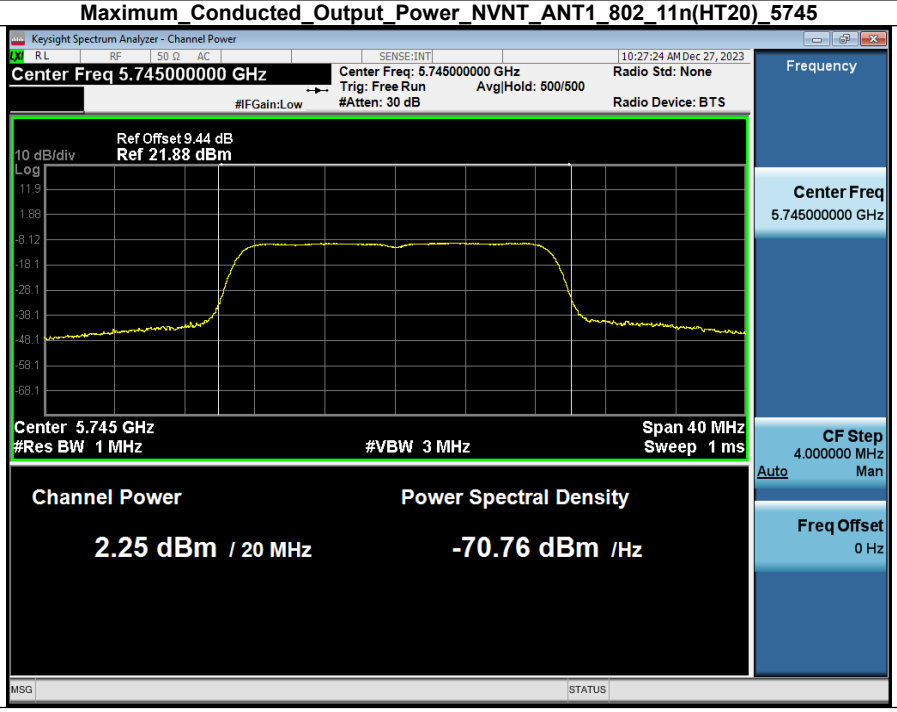
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785**



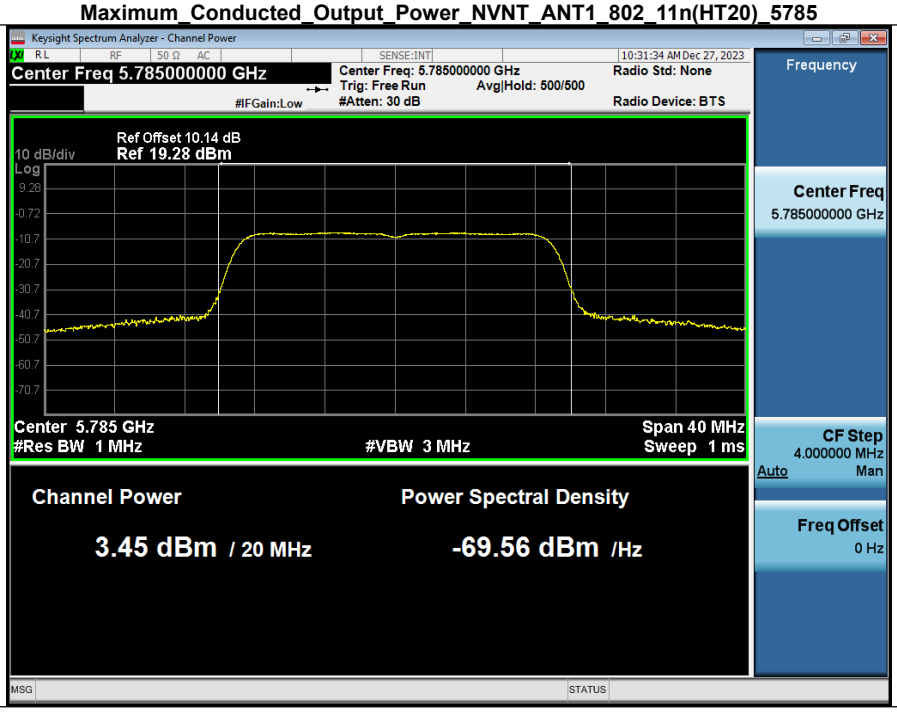

**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825**



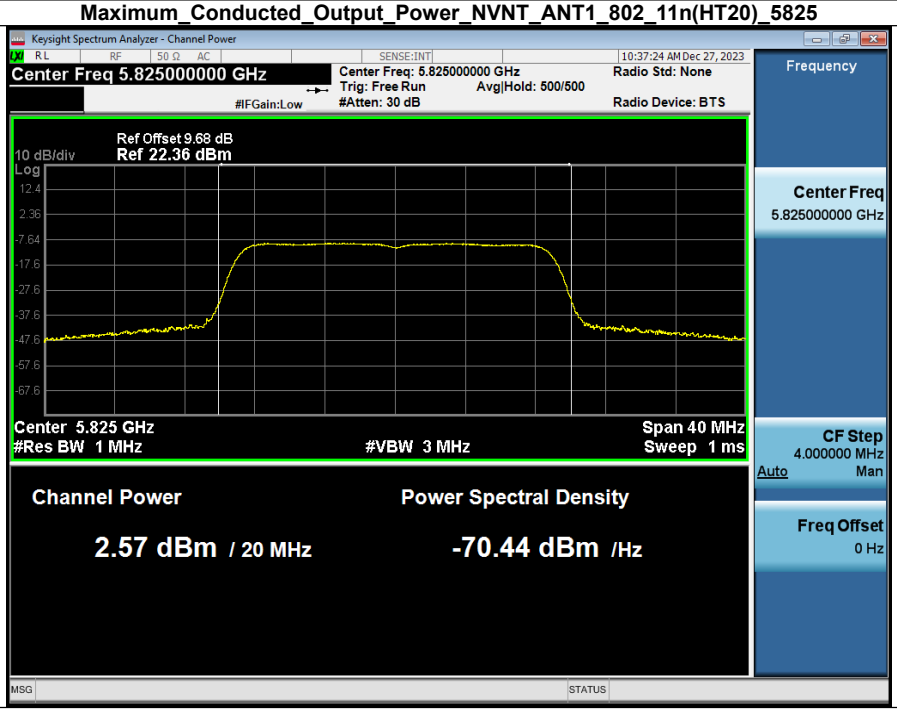
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5745**



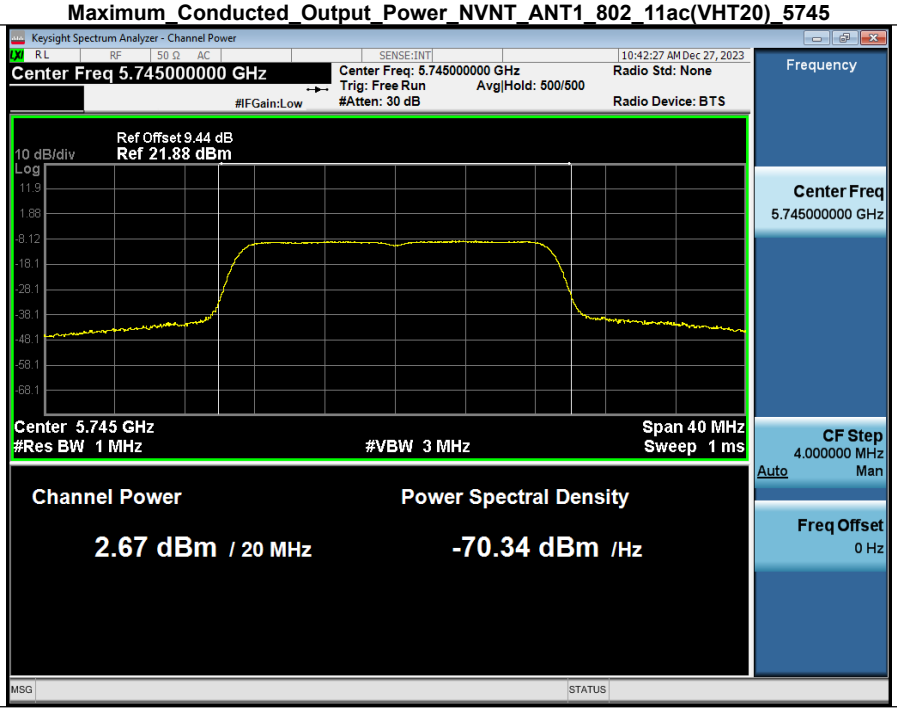

**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5785**



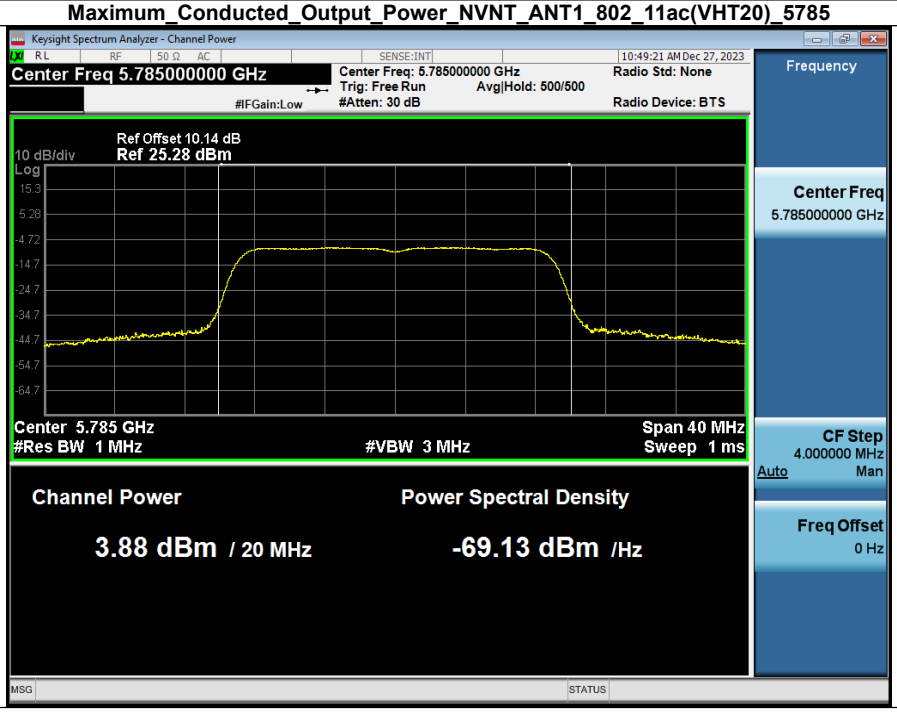
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825**



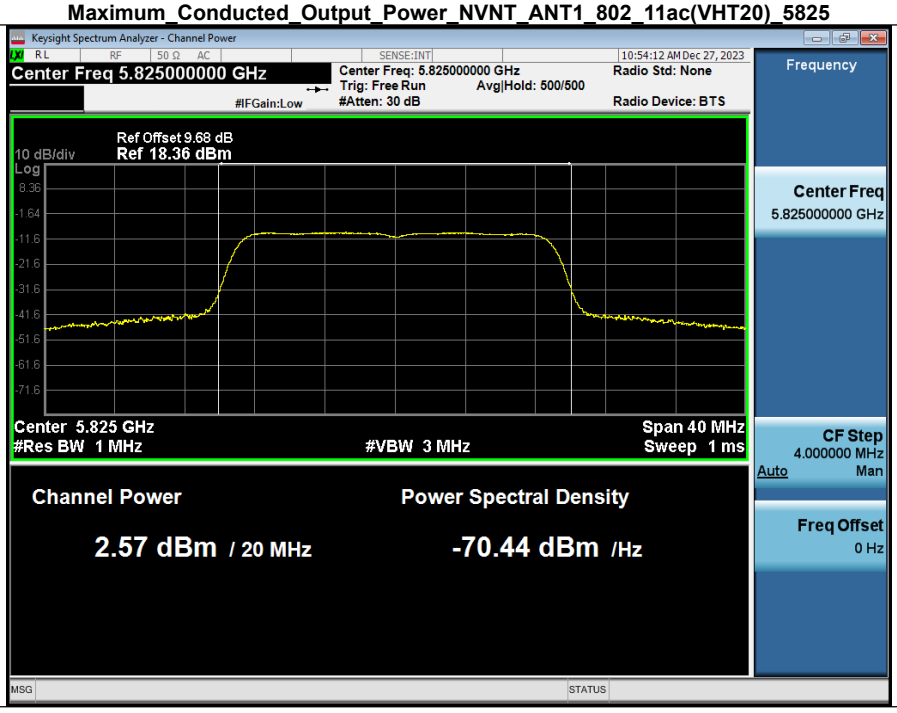

**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5745**



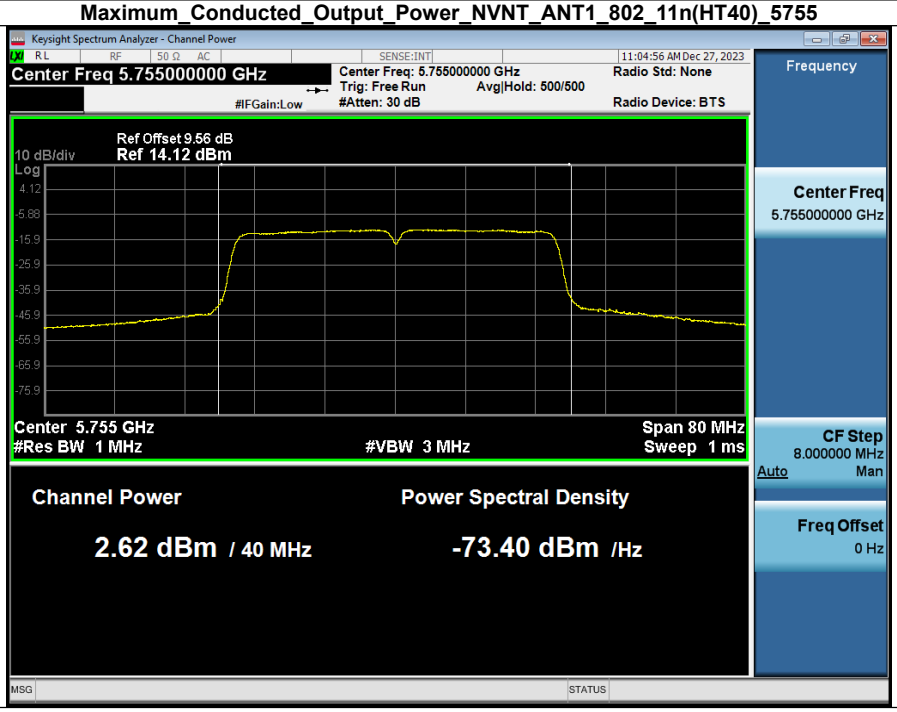
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785**



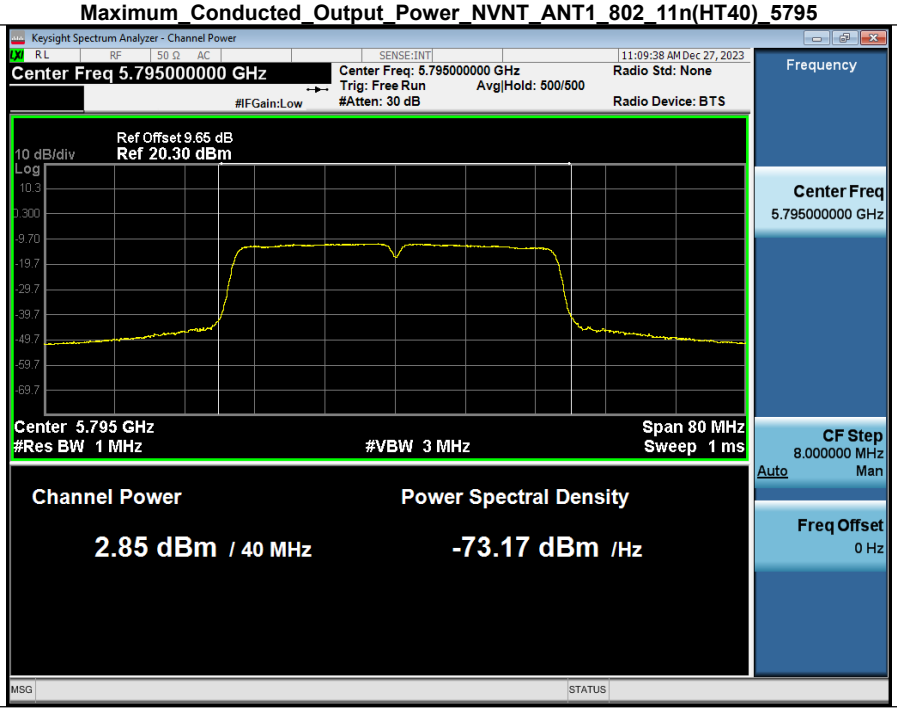

**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5825**



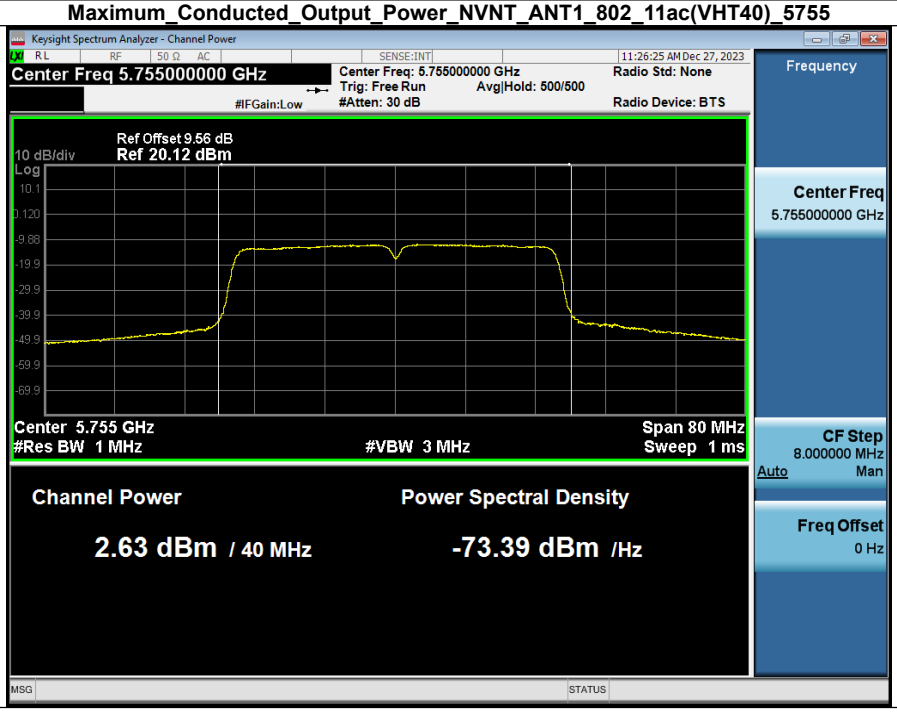
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5755**



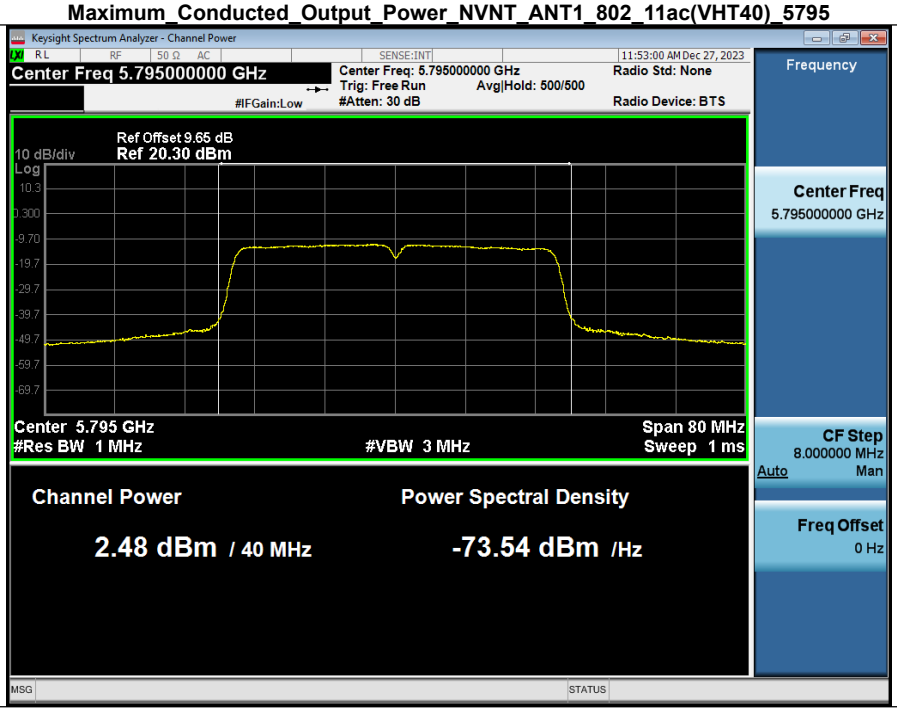

**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5795**



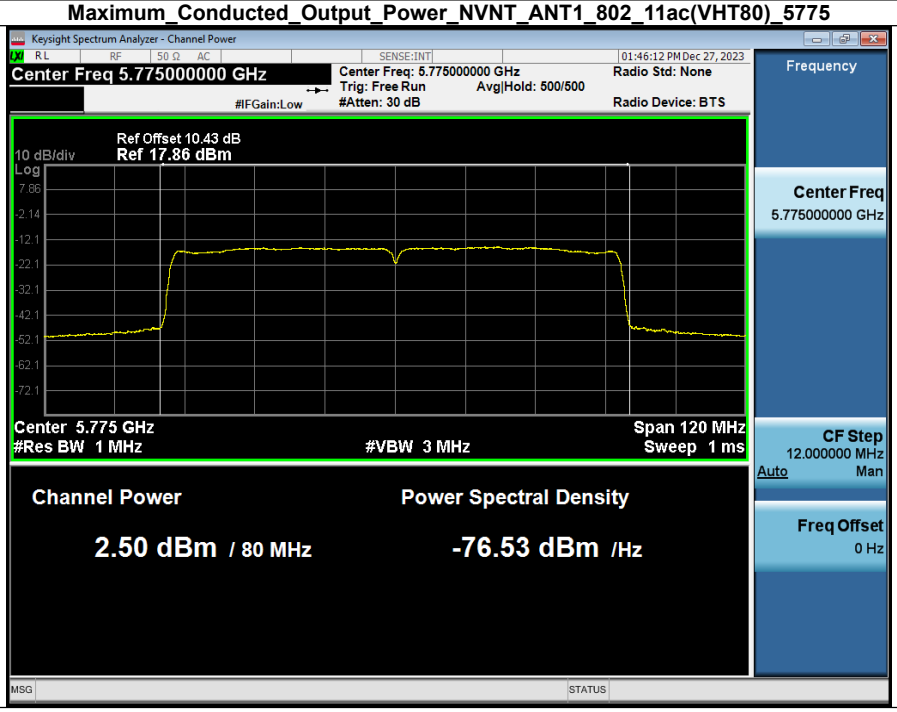
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755**




**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795**



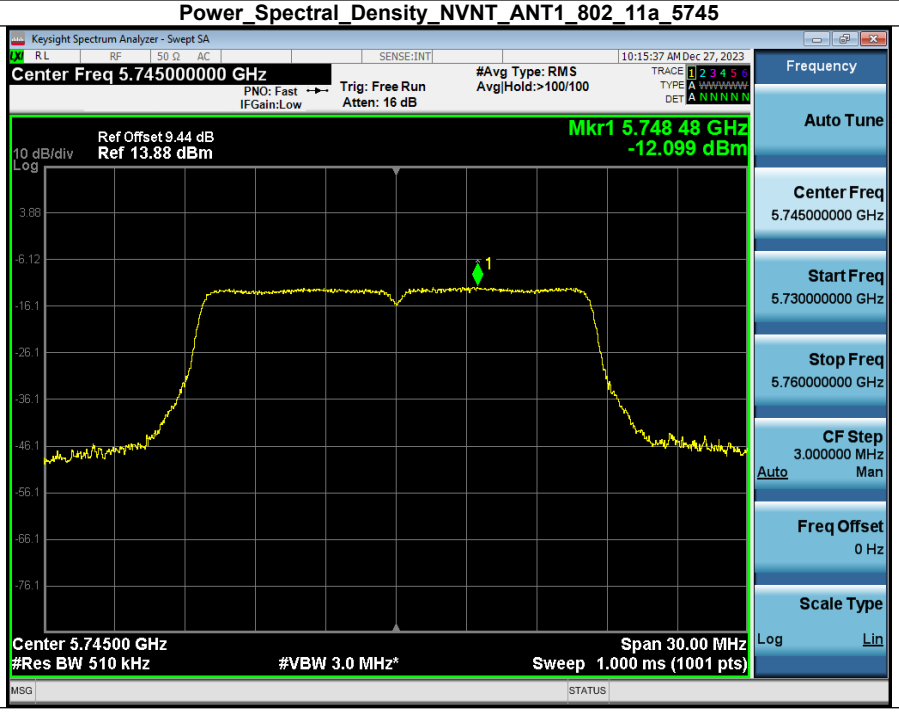
**Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775**



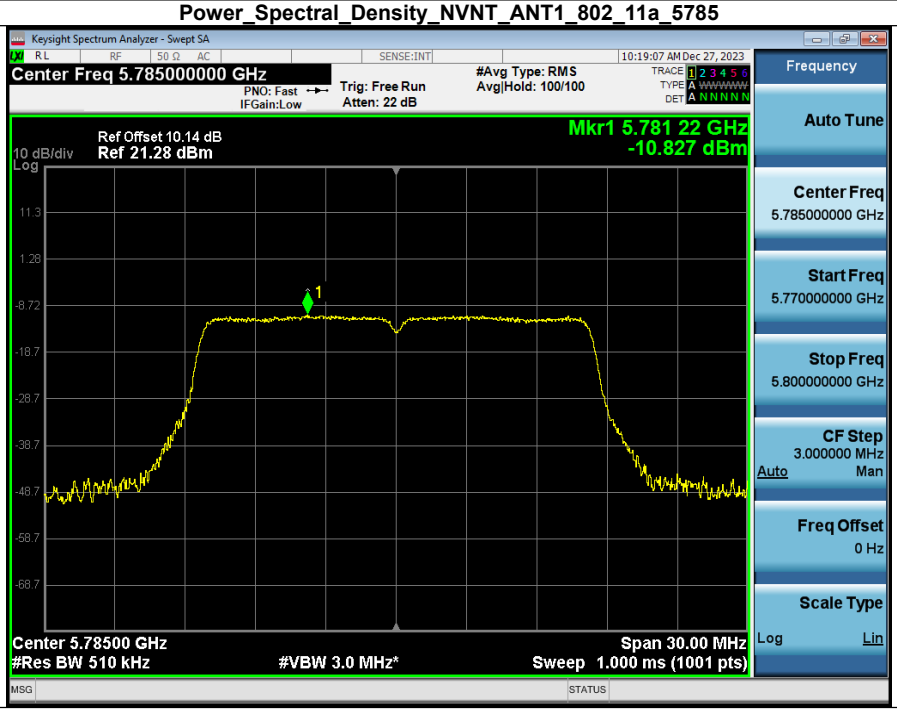
## 5. Power Spectral Density

| Condition | Antenna | Modulation | Frequency (MHz) | PSD_SA(dBm/RBW) | Duty factor(dB) | RB factor(dB) | PSD(dBm/500kHz) | limit(dBm/500kHz) | Result |
|---|---|---|---|---|---|---|---|---|---|
| NVNT | ANT1 | 802.11a | 5745.00 | -12.10 | 0.18 | -0 | -12.01 | 30 | Pass |
| NVNT | ANT1 | 802.11a | 5785.00 | -10.83 | 0.18 | -0 | -10.73 | 30 | Pass |
| NVNT | ANT1 | 802.11a | 5825.00 | -12.18 | 0.12 | -0 | -12.15 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5745.00 | -11.28 | 0.22 | -0 | -11.15 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5785.00 | -10.58 | 0.14 | -0 | -10.52 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | 5825.00 | -11.68 | 0.14 | -0 | -11.62 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5745.00 | -11.33 | 0.21 | -0 | -11.21 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5785.00 | -10.11 | 0.22 | -0 | -9.98 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | 5825.00 | -11.41 | 0.22 | -0 | -11.28 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | 5755.00 | -14.33 | 0.43 | -0 | -13.99 | 30 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | 5795.00 | -14.32 | 0.28 | -0 | -14.13 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | 5755.00 | -14.43 | 0.41 | -0 | -14.10 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | 5795.00 | -14.56 | 0.41 | -0 | -14.24 | 30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | 5775.00 | -17.65 | 0.79 | -0 | -16.94 | 30 | Pass |

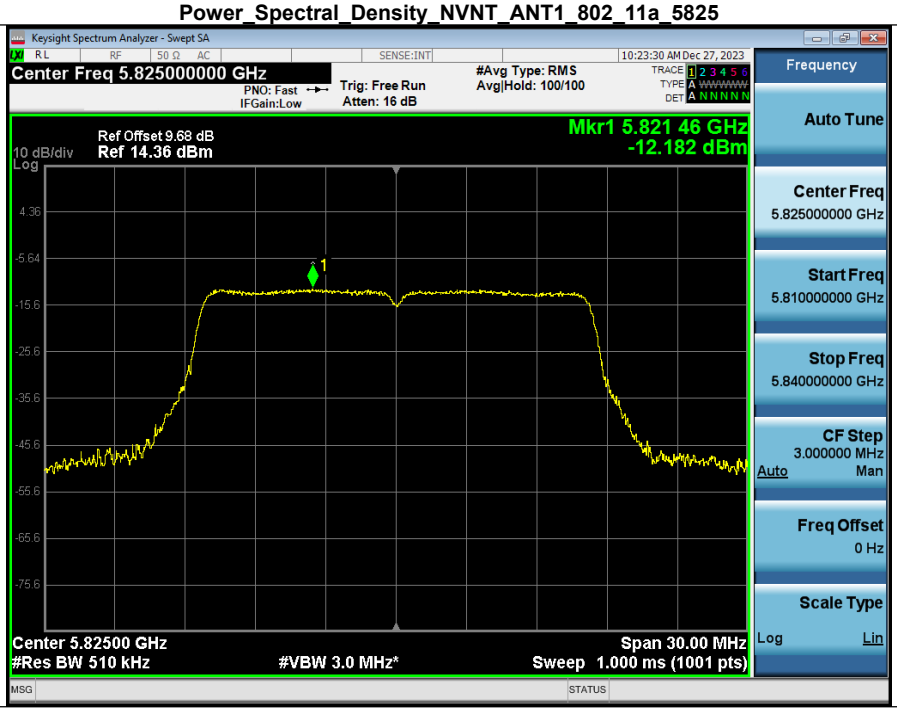
**Power_Spectral_Density_NVNT_ANT1_802_11a_5745**



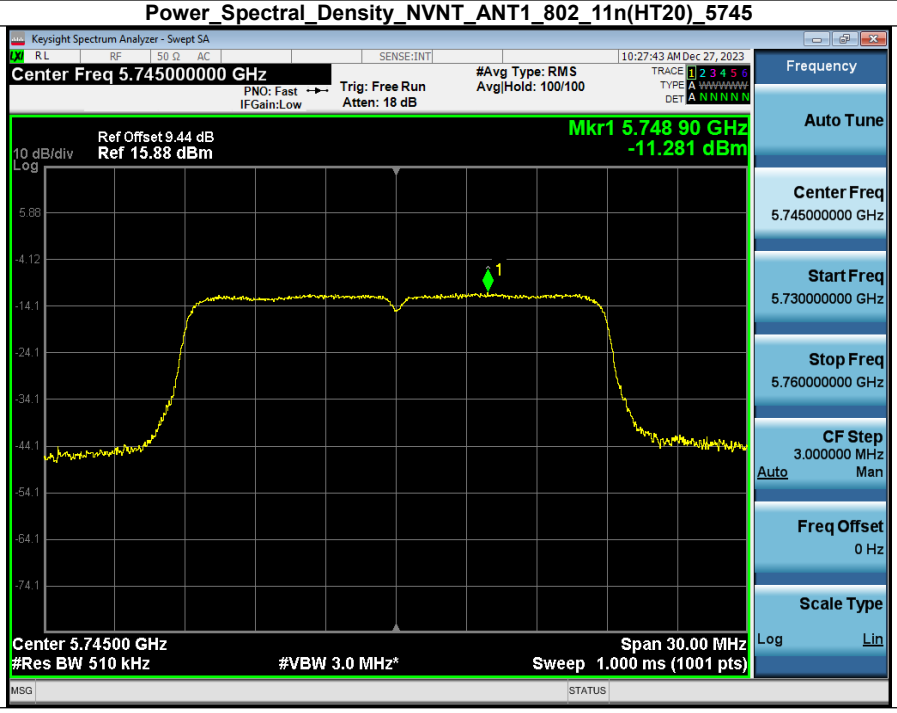
**Power_Spectral_Density_NVNT_ANT1_802_11a_5785**



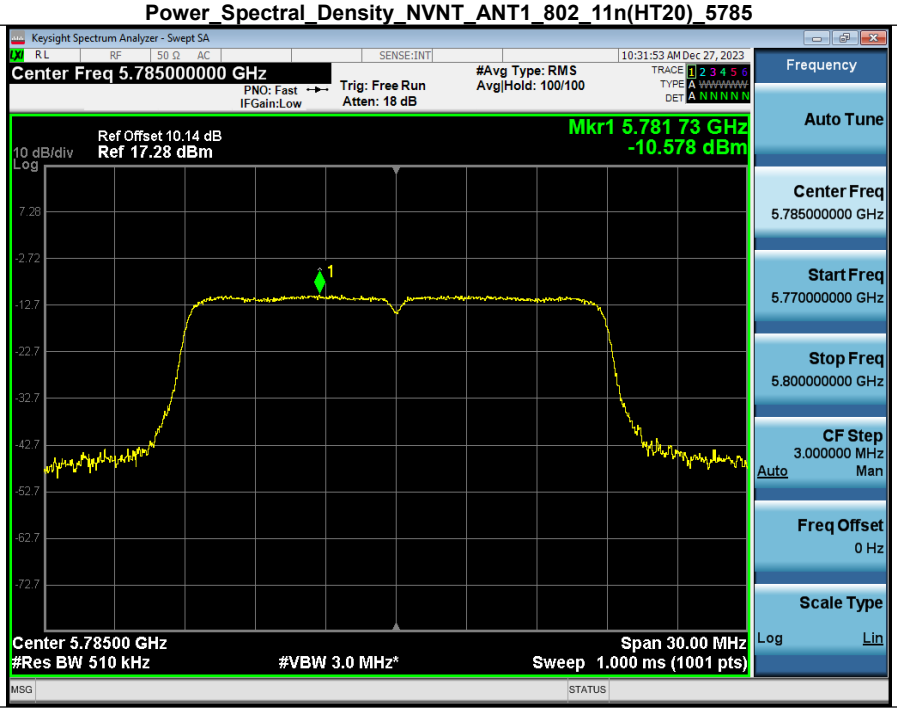

**Power_Spectral_Density_NVNT_ANT1_802_11a_5825**



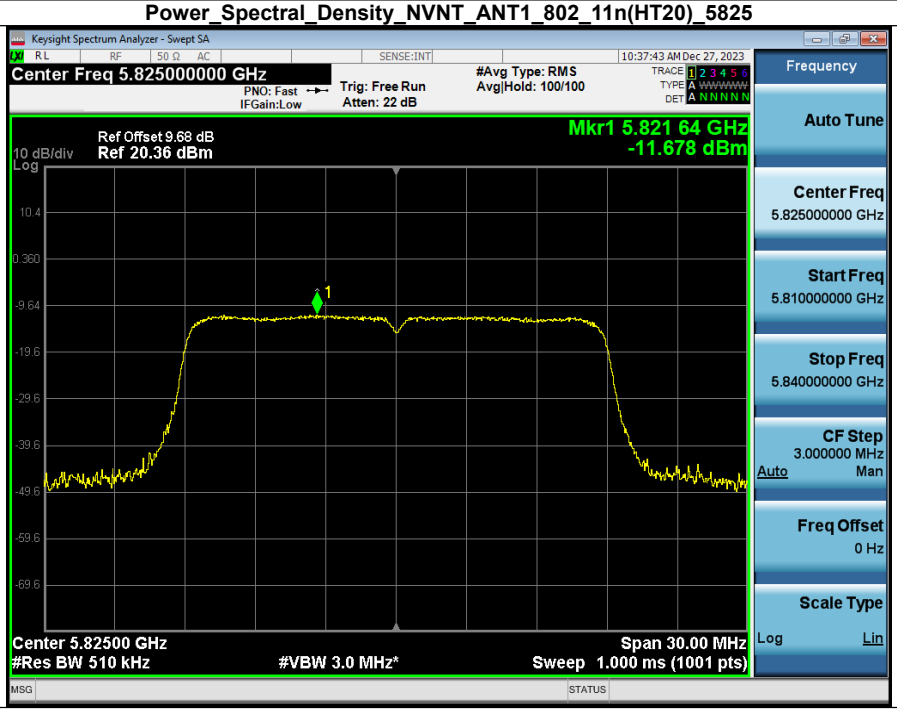
**Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745**



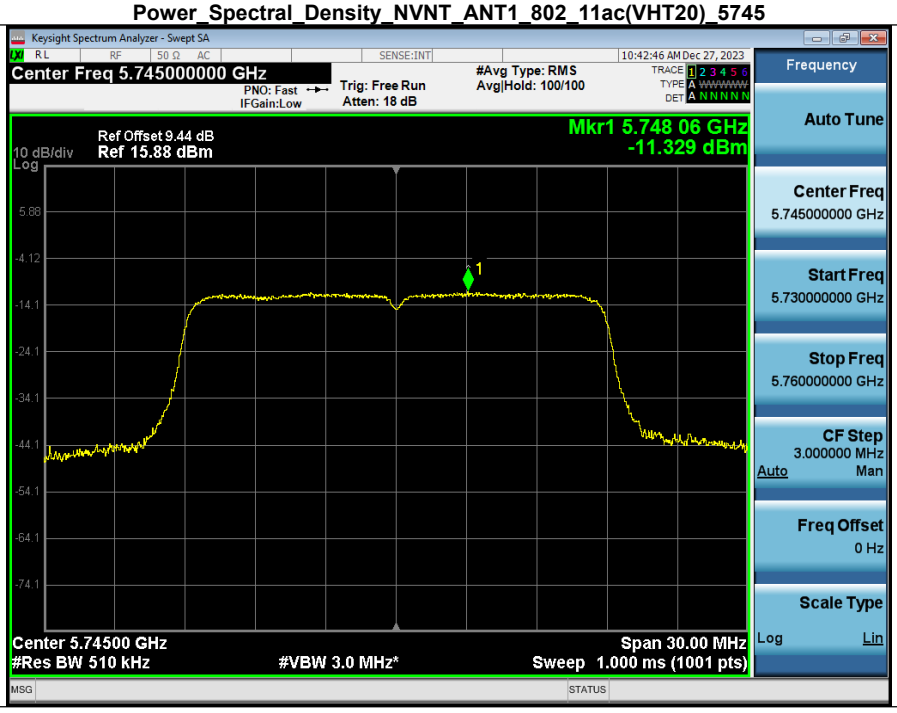

**Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5785**



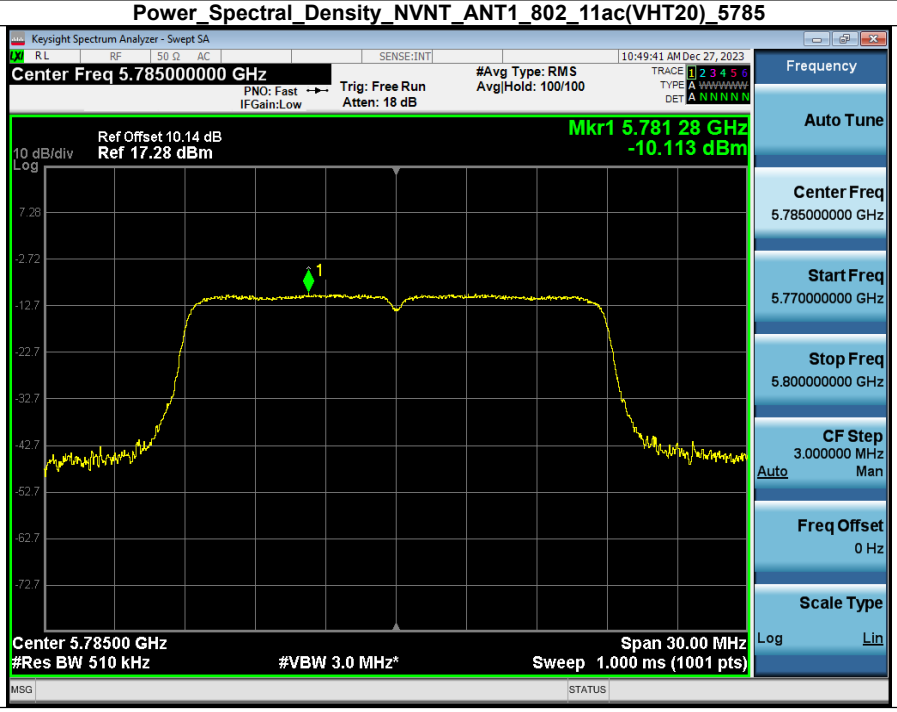
**Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5825**



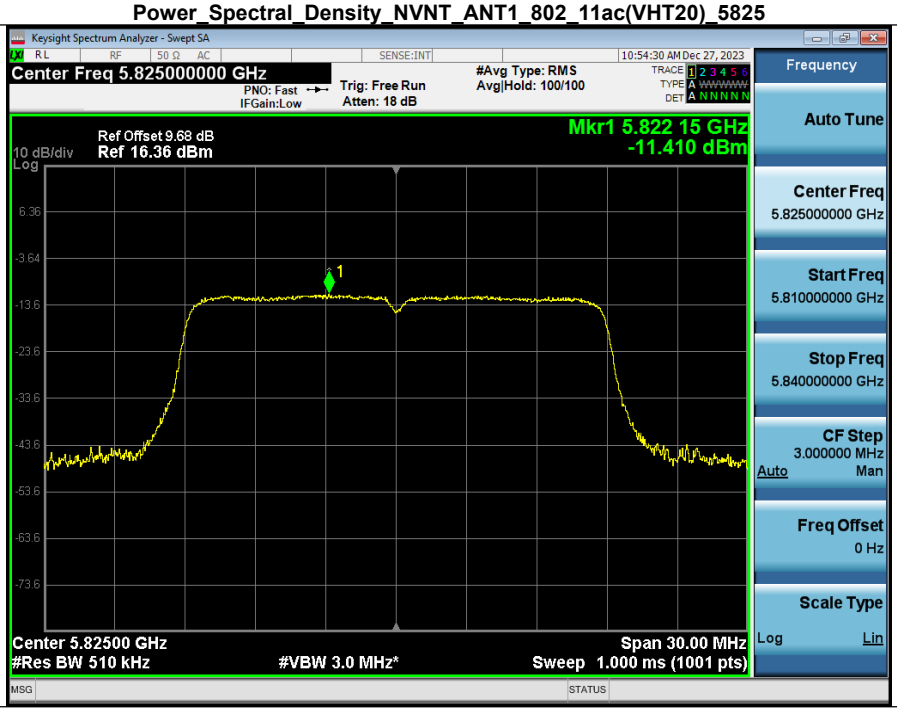

**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5745**



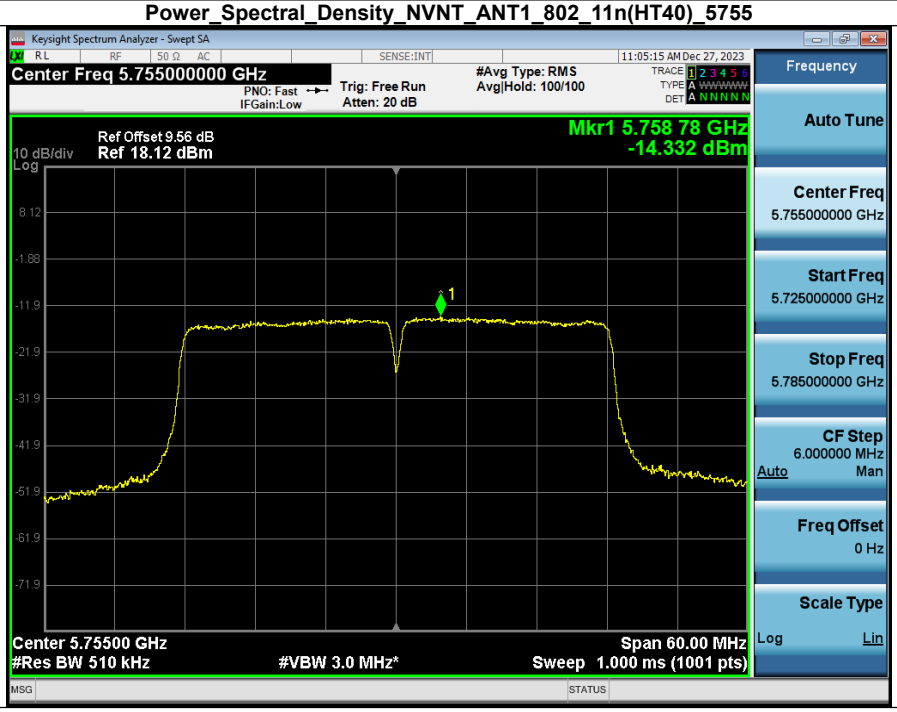
**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785**



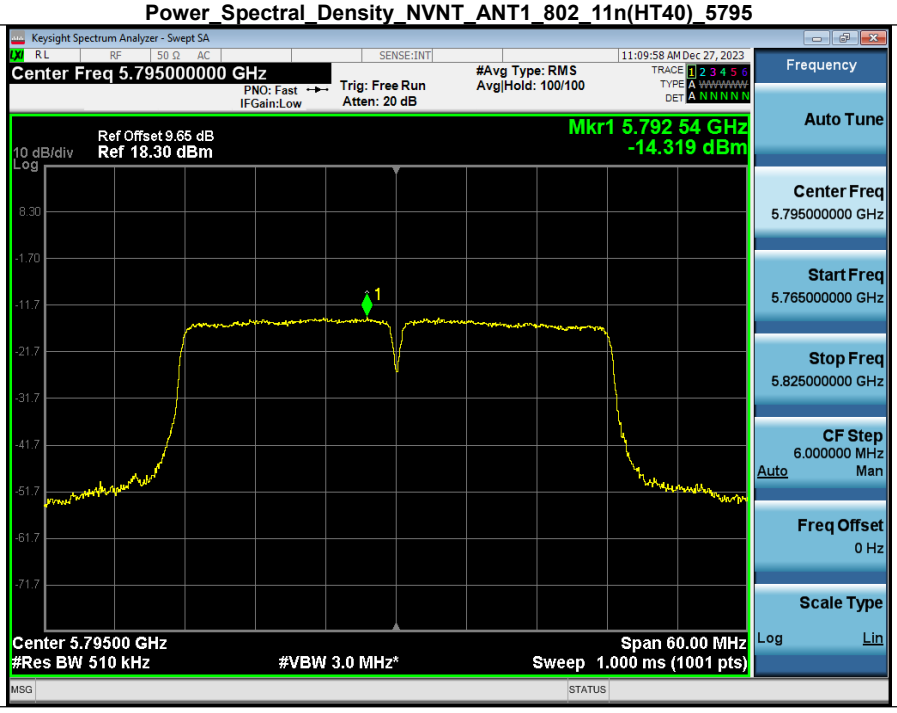

**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5825**



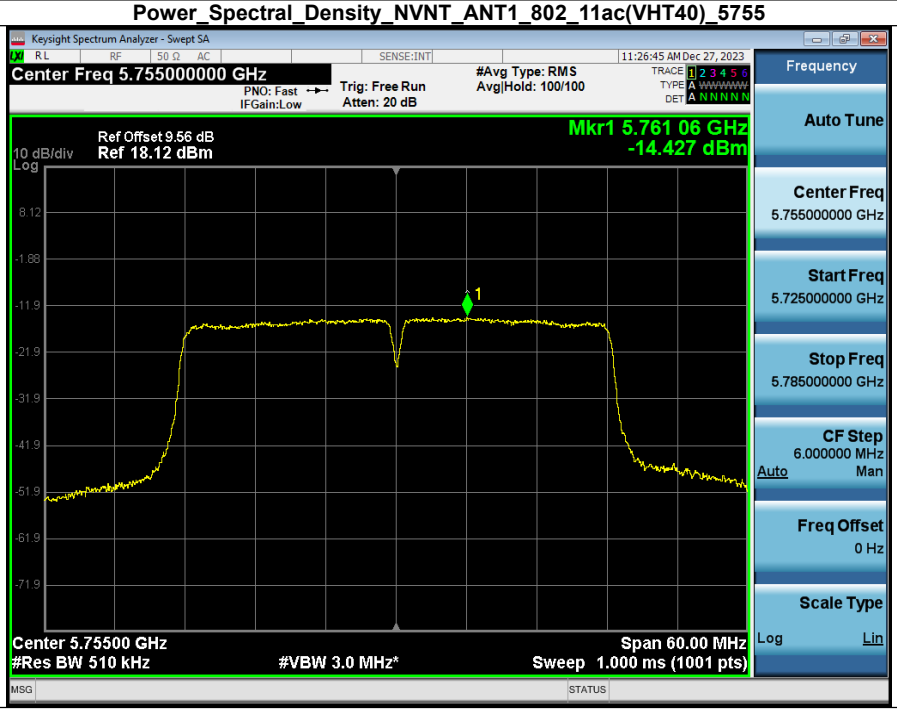
**Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5755**



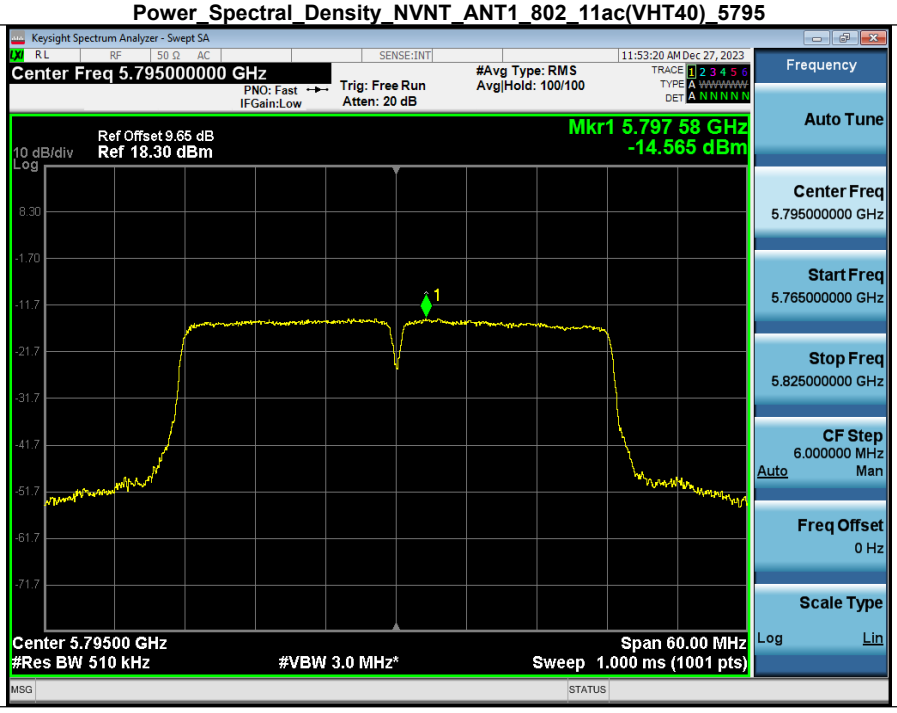

**Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5795**



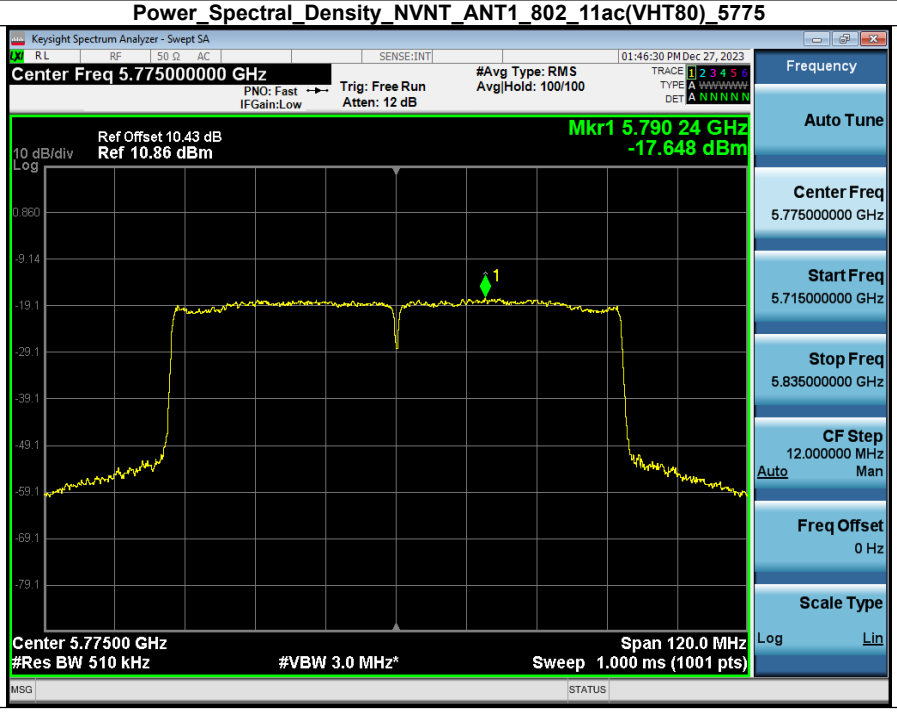
**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5755**




**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5795**



**Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775**

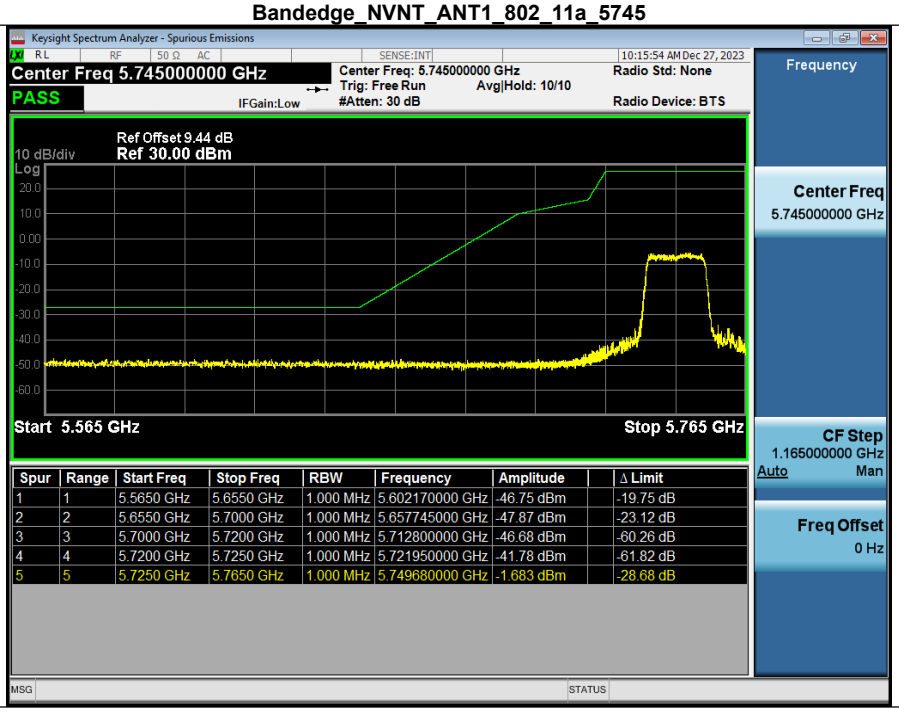


# 6. Bandedge

| Condition | Antenna | Modulation | TX_Frequency (MHz) | Frequency Area(MHz) | Frequency(MHz) | Amplitude(dBm) | Limit(dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| NVNT | ANT1 | 802.11a | LCH | 5565-5655 | 5602.170 | -46.75 | -27.00 | Pass |
| NVNT | ANT1 | 802.11a | LCH | 5655-5700 | 5657.745 | -47.87 | -24.74 | Pass |
| NVNT | ANT1 | 802.11a | LCH | 5700-5720 | 5712.800 | -46.68 | 13.58 | Pass |
| NVNT | ANT1 | 802.11a | LCH | 5720-5725 | 5721.950 | -41.78 | 20.05 | Pass |
| NVNT | ANT1 | 802.11a | HCH | 5850-5855 | 5851.330 | -45.34 | 23.97 | Pass |
| NVNT | ANT1 | 802.11a | HCH | 5855-5875 | 5874.500 | -47.06 | 10.14 | Pass |
| NVNT | ANT1 | 802.11a | HCH | 5875-5920 | 5919.865 | -47.15 | -26.89 | Pass |
| NVNT | ANT1 | 802.11a | HCH | 5920-6005 | 5981.370 | -42.23 | -27.00 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | LCH | 5565-5655 | 5575.530 | -46.29 | -27.00 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | LCH | 5655-5700 | 5657.475 | -47.91 | -24.96 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | LCH | 5700-5720 | 5719.800 | -44.34 | 15.54 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | LCH | 5720-5725 | 5722.835 | -40.95 | 22.06 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | HCH | 5850-5855 | 5852.460 | -44.10 | 21.39 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | HCH | 5855-5875 | 5872.820 | -46.69 | 10.61 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | HCH | 5875-5920 | 5919.280 | -46.62 | -26.41 | Pass |
| NVNT | ANT1 | 802.11n(HT20) | HCH | 5920-6005 | 5973.380 | -41.40 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | LCH | 5565-5655 | 5614.860 | -46.76 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | LCH | 5655-5700 | 5659.050 | -47.86 | -23.67 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | LCH | 5700-5720 | 5716.240 | -45.18 | 14.55 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | LCH | 5720-5725 | 5724.205 | -38.82 | 25.19 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | HCH | 5850-5855 | 5851.555 | -43.35 | 23.45 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | HCH | 5855-5875 | 5874.440 | -47.10 | 10.16 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | HCH | 5875-5920 | 5911.990 | -46.61 | -20.41 | Pass |
| NVNT | ANT1 | 802.11ac(VHT20) | HCH | 5920-6005 | 5950.515 | -40.79 | -27.00 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | LCH | 5595-5655 | 5604.180 | -47.09 | -27.00 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | LCH | 5655-5700 | 5655.225 | -47.37 | -26.81 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | LCH | 5700-5720 | 5719.560 | -44.38 | 15.48 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | LCH | 5720-5725 | 5721.545 | -43.13 | 19.12 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | HCH | 5850-5855 | 5854.570 | -46.47 | 16.58 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | HCH | 5855-5875 | 5873.400 | -47.10 | 10.45 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | HCH | 5875-5920 | 5916.805 | -47.30 | -24.37 | Pass |
| NVNT | ANT1 | 802.11n(HT40) | HCH | 5920-5955 | 5945.305 | -42.14 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | LCH | 5595-5655 | 5652.120 | -47.32 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | LCH | 5655-5700 | 5658.420 | -47.27 | -24.19 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | LCH | 5700-5720 | 5714.940 | -44.73 | 14.18 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | LCH | 5720-5725 | 5721.145 | -43.44 | 18.21 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | HCH | 5850-5855 | 5854.175 | -47.36 | 17.48 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | HCH | 5855-5875 | 5869.920 | -45.86 | 11.42 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | HCH | 5875-5920 | 5919.145 | -46.06 | -26.30 | Pass |
| NVNT | ANT1 | 802.11ac(VHT40) | HCH | 5920-5955 | 5933.160 | -41.27 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5650-5655 | 5651.330 | -46.37 | -27.00 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5655-5700 | 5660.895 | -46.13 | -22.15 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5700-5720 | 5708.760 | -45.96 | 12.45 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5720-5725 | 5721.405 | -43.59 | 18.80 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5850-5855 | 5854.775 | -45.88 | 16.11 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5855-5875 | 5874.520 | -45.94 | 10.13 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5875-5920 | 5915.365 | -46.26 | -23.19 | Pass |
| NVNT | ANT1 | 802.11ac(VHT80) | MCH | 5920-5925 | 5923.285 | -41.26 | -27.00 | Pass |

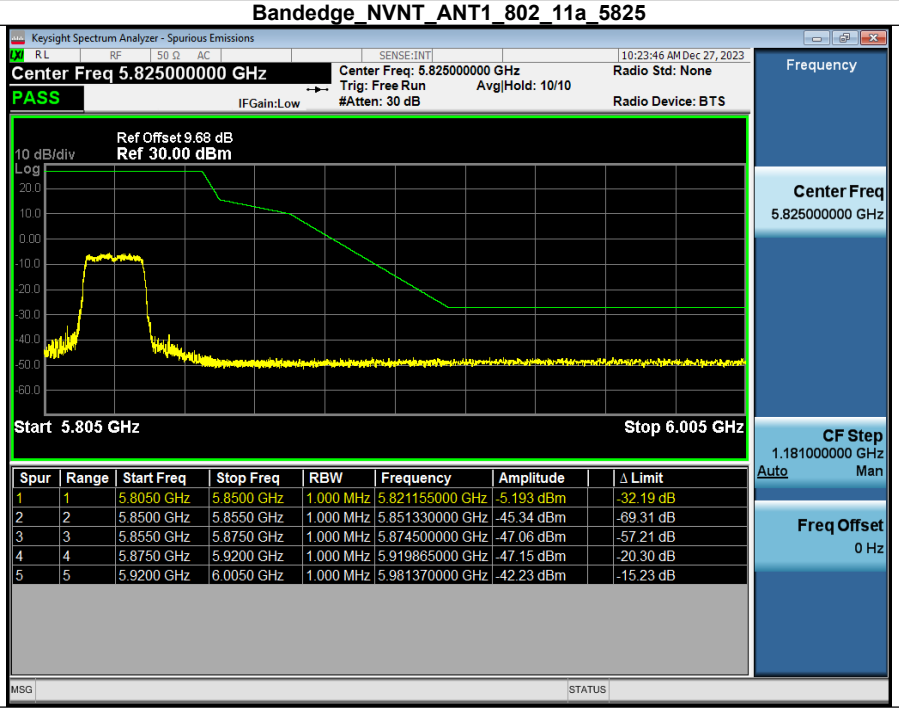
Note:The test diagram has integrated antenna gain to Offset Settings.

## Bandedge_NVNT_ANT1_802_11a_5745



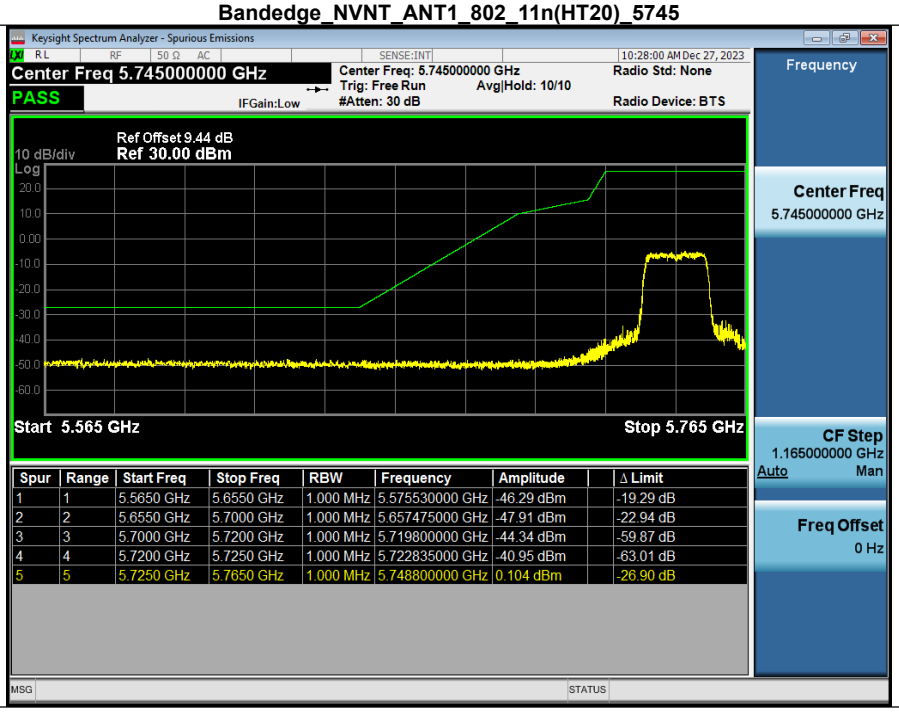

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.5650 GHz | 5.6550 GHz | 1.000 MHz | 5.602170000 GHz | -46.75 dBm | -19.75 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.657745000 GHz | -47.87 dBm | -23.12 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.712800000 GHz | -46.68 dBm | -60.26 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.721950000 GHz | -41.78 dBm | -61.82 dB |
| 5 | 5 | 5.7250 GHz | 5.7650 GHz | 1.000 MHz | 5.749680000 GHz | -1.683 dBm | -28.68 dB |

## Bandedge_NVNT_ANT1_802_11a_5825



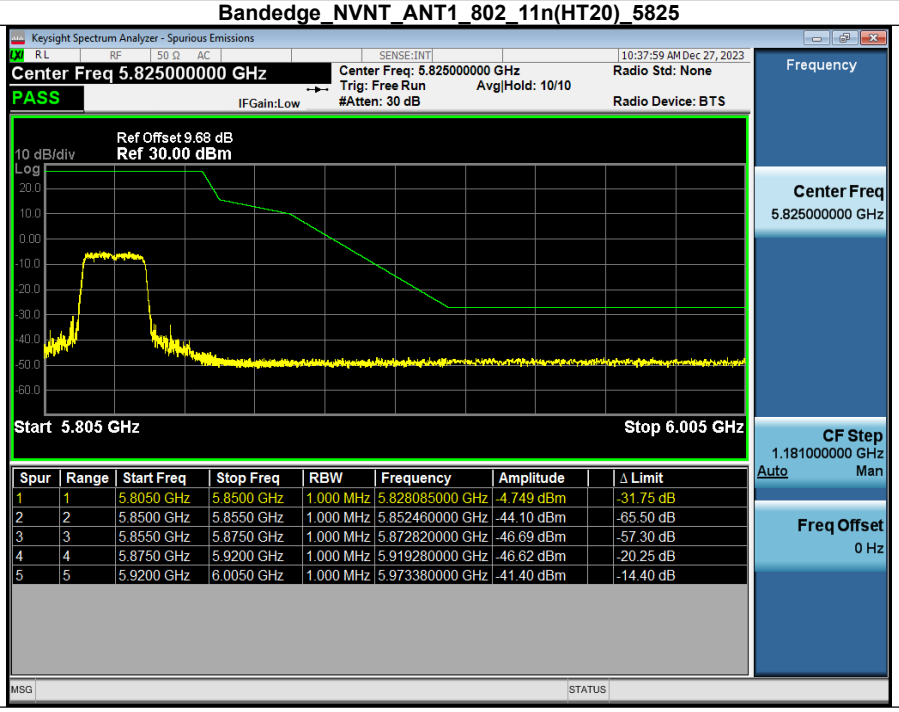

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.8050 GHz | 5.8500 GHz | 1.000 MHz | 5.821155000 GHz | -5.193 dBm | -32.19 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.851330000 GHz | -45.34 dBm | -69.31 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.874500000 GHz | -47.06 dBm | -57.21 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.919865000 GHz | -47.15 dBm | -20.30 dB |
| 5 | 5 | 5.9200 GHz | 6.0050 GHz | 1.000 MHz | 5.981370000 GHz | -42.23 dBm | -15.23 dB |

## Bandedge_NVNT_ANT1_802_11n(HT20)_5745



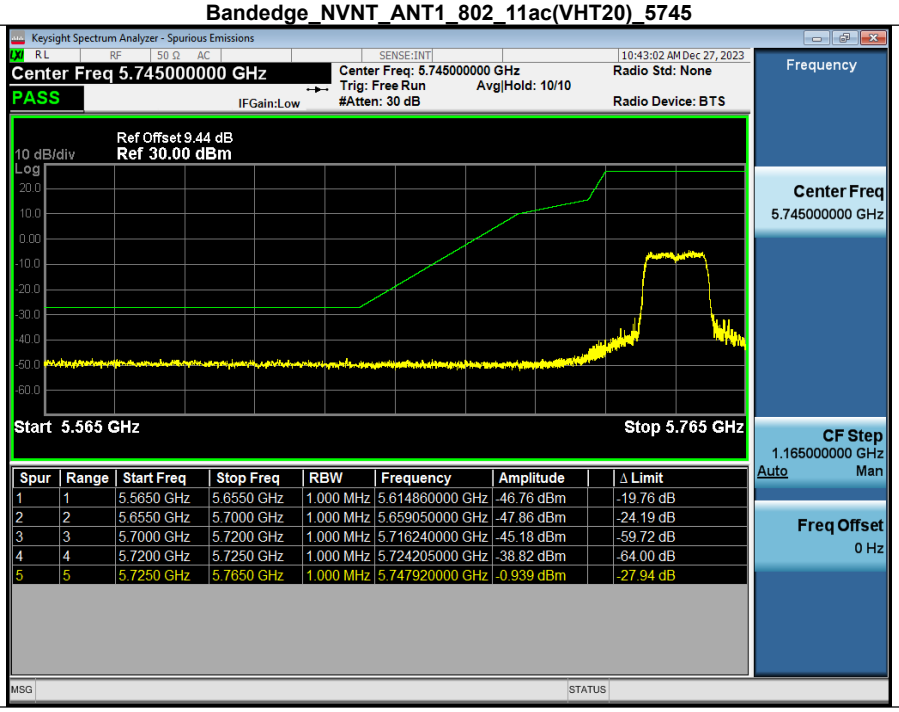

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.5650 GHz | 5.6550 GHz | 1.000 MHz | 5.575530000 GHz | -46.29 dBm | -19.29 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.657475000 GHz | -47.91 dBm | -22.94 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.719800000 GHz | -44.34 dBm | -59.87 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.722835000 GHz | -40.95 dBm | -63.01 dB |
| 5 | 5 | 5.7250 GHz | 5.7650 GHz | 1.000 MHz | 5.748800000 GHz | 0.104 dBm | -26.90 dB |

## Bandedge_NVNT_ANT1_802_11n(HT20)_5825



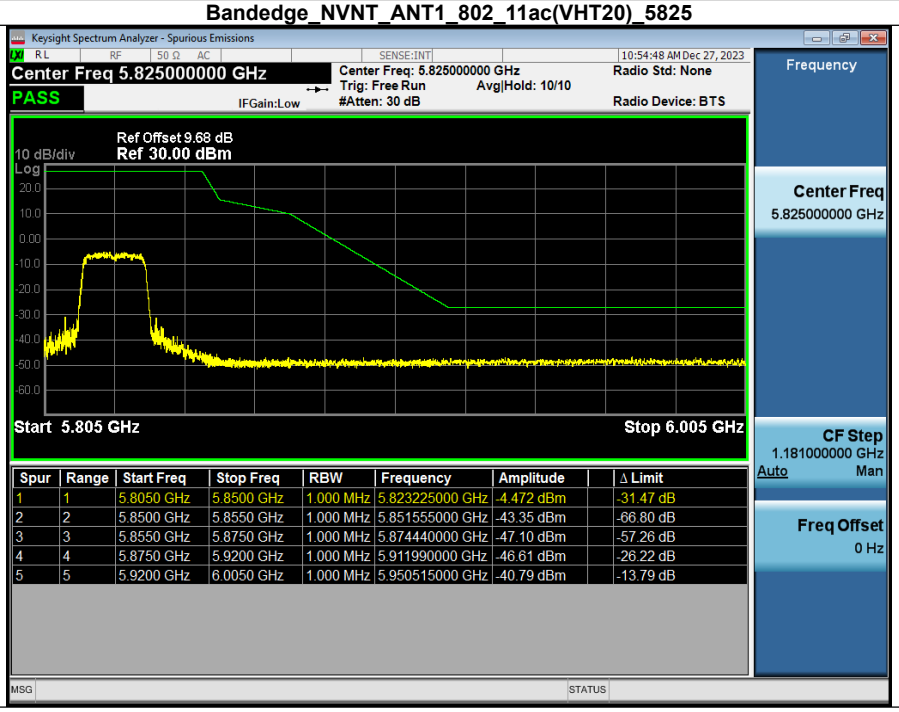

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.8050 GHz | 5.8500 GHz | 1.000 MHz | 5.828085000 GHz | -4.749 dBm | -31.75 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.852460000 GHz | -44.10 dBm | -65.50 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.872820000 GHz | -46.69 dBm | -57.30 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.919280000 GHz | -46.62 dBm | -20.25 dB |
| 5 | 5 | 5.9200 GHz | 6.0050 GHz | 1.000 MHz | 5.973380000 GHz | -41.40 dBm | -14.40 dB |

## Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



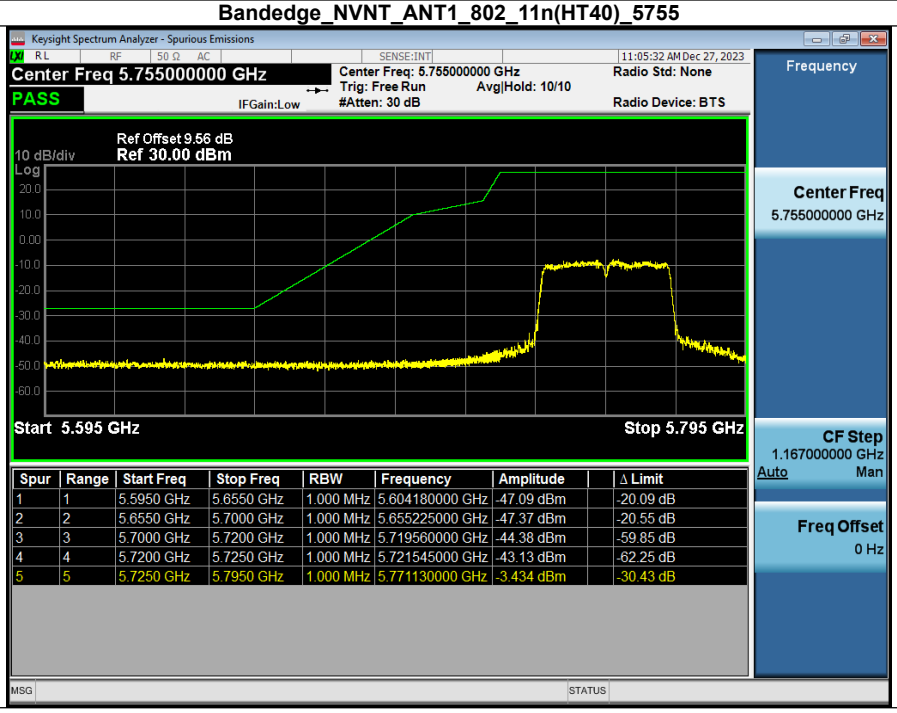

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.5650 GHz | 5.6550 GHz | 1.000 MHz | 5.614860000 GHz | -46.76 dBm | -19.76 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.659050000 GHz | -47.86 dBm | -24.19 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.716240000 GHz | -45.18 dBm | -59.72 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.724205000 GHz | -38.82 dBm | -64.00 dB |
| 5 | 5 | 5.7250 GHz | 5.7650 GHz | 1.000 MHz | 5.747920000 GHz | -0.939 dBm | -27.94 dB |

## Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825



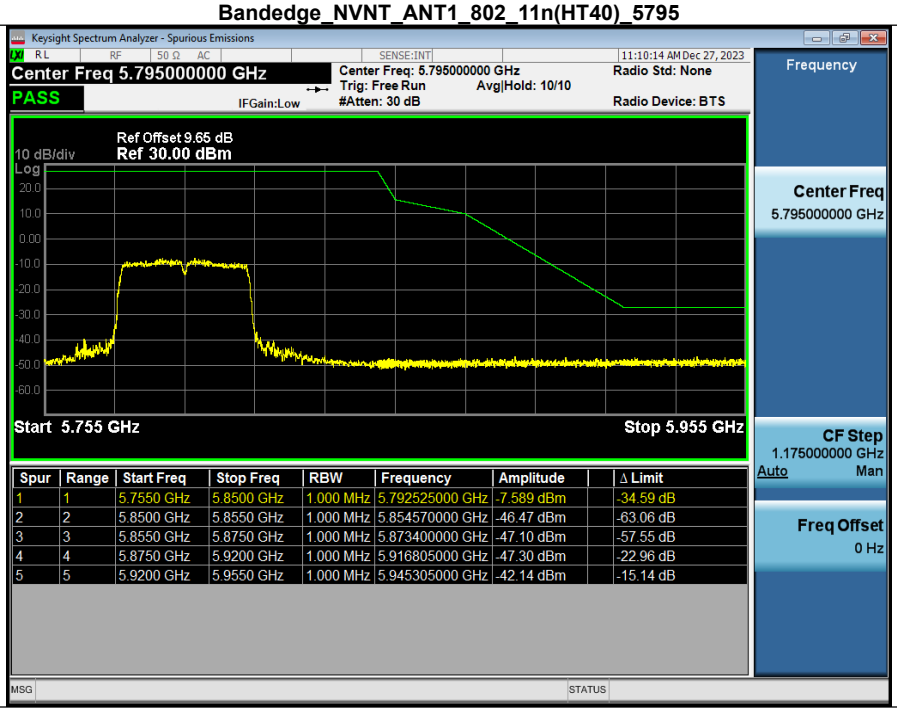

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | Δ Limit |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.8050 GHz | 5.8500 GHz | 1.000 MHz | 5.823225000 GHz | -4.472 dBm | -31.47 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.851555000 GHz | -43.35 dBm | -66.80 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.874440000 GHz | -47.10 dBm | -57.26 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.911990000 GHz | -46.61 dBm | -26.22 dB |
| 5 | 5 | 5.9200 GHz | 6.0050 GHz | 1.000 MHz | 5.950515000 GHz | -40.79 dBm | -13.79 dB |

**Bandedge_NVNT_ANT1_802_11n(HT40)_5755**



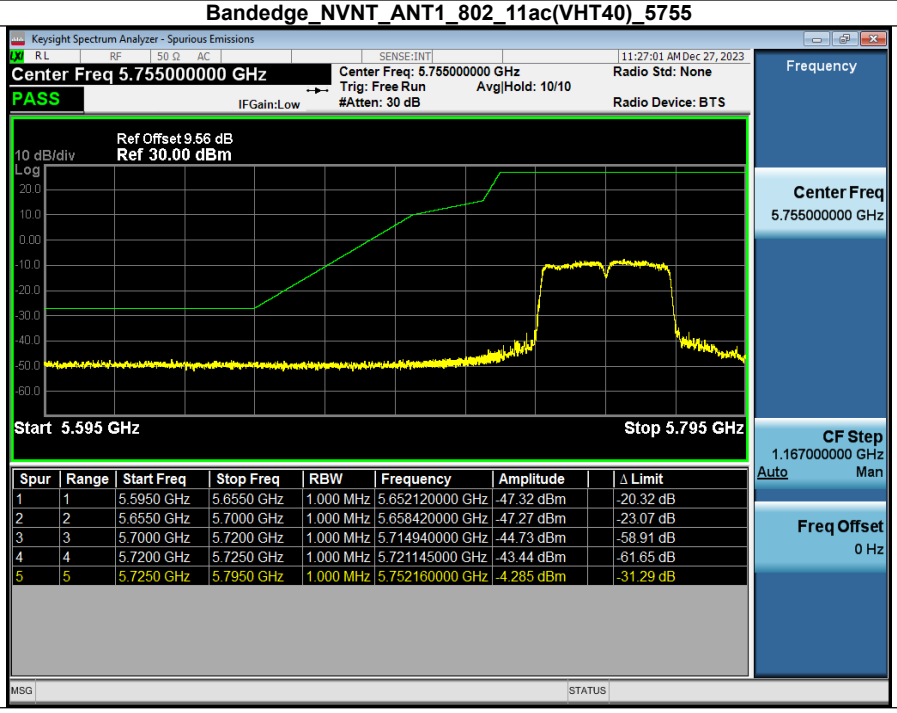

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.5950 GHz | 5.6550 GHz | 1.000 MHz | 5.604180000 GHz | -47.09 dBm | | -20.09 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.655225000 GHz | -47.37 dBm | | -20.55 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.719560000 GHz | -44.38 dBm | | -59.85 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.721545000 GHz | -43.13 dBm | | -62.25 dB |
| 5 | 5 | 5.7250 GHz | 5.7950 GHz | 1.000 MHz | 5.771130000 GHz | -3.434 dBm | | -30.43 dB |

**Bandedge_NVNT_ANT1_802_11n(HT40)_5795**



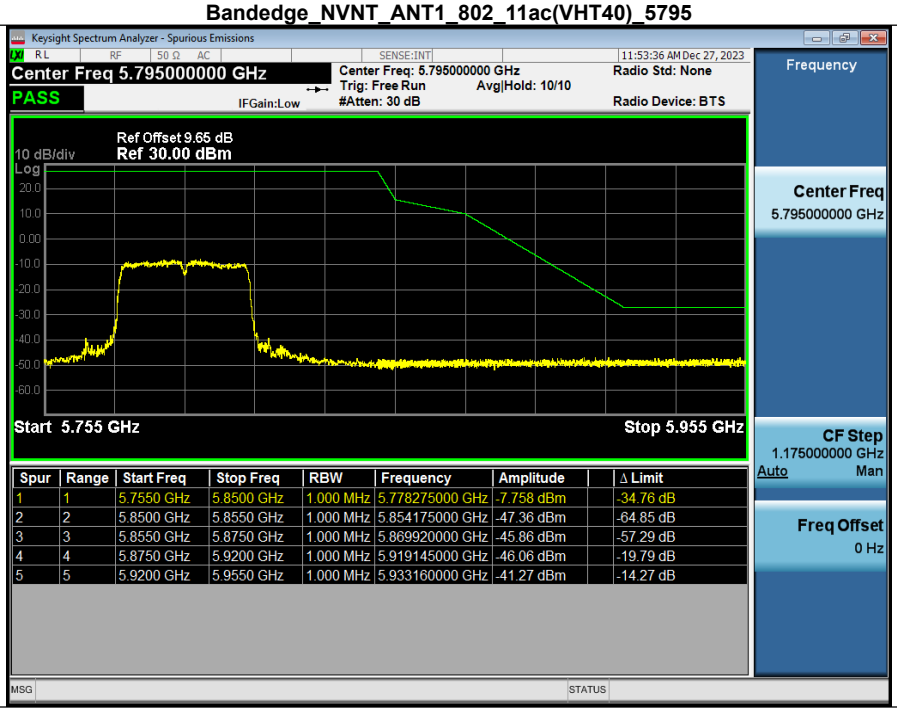

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.7550 GHz | 5.8500 GHz | 1.000 MHz | 5.792525000 GHz | -7.589 dBm | | -34.59 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.854570000 GHz | -46.47 dBm | | -63.06 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.873400000 GHz | -47.10 dBm | | -57.55 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.916805000 GHz | -47.30 dBm | | -22.96 dB |
| 5 | 5 | 5.9200 GHz | 5.9550 GHz | 1.000 MHz | 5.945305000 GHz | -42.14 dBm | | -15.14 dB |

## Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



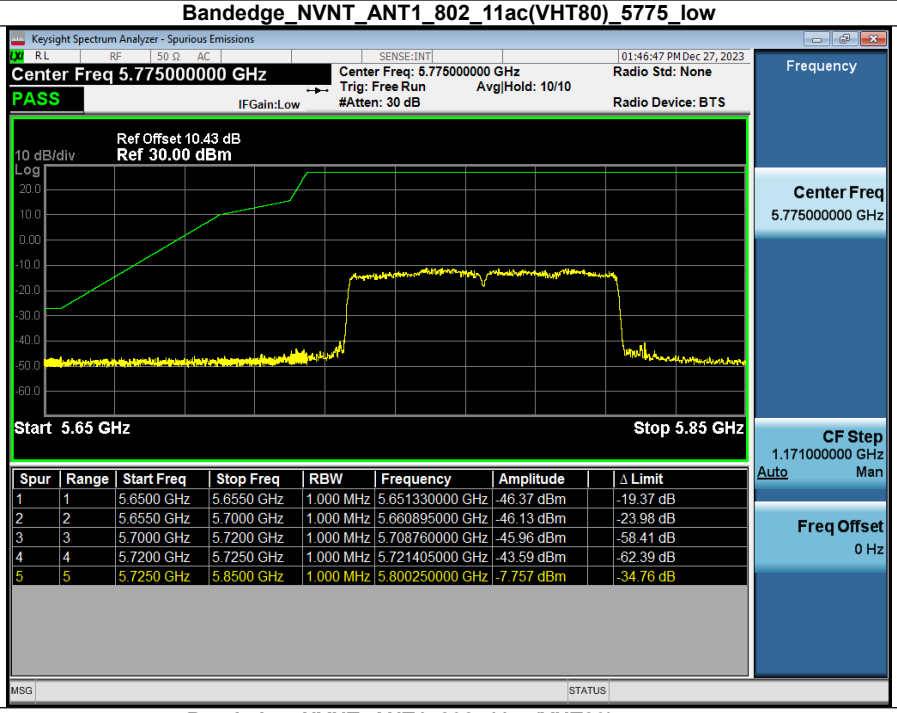

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.5950 GHz | 5.6550 GHz | 1.000 MHz | 5.652120000 GHz | -47.32 dBm | | -20.32 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.658420000 GHz | -47.27 dBm | | -23.07 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.714940000 GHz | -44.73 dBm | | -58.91 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.721145000 GHz | -43.44 dBm | | -61.65 dB |
| 5 | 5 | 5.7250 GHz | 5.7950 GHz | 1.000 MHz | 5.752160000 GHz | -4.285 dBm | | -31.29 dB |

## Bandedge_NVNT_ANT1_802_11ac(VHT40)_5795



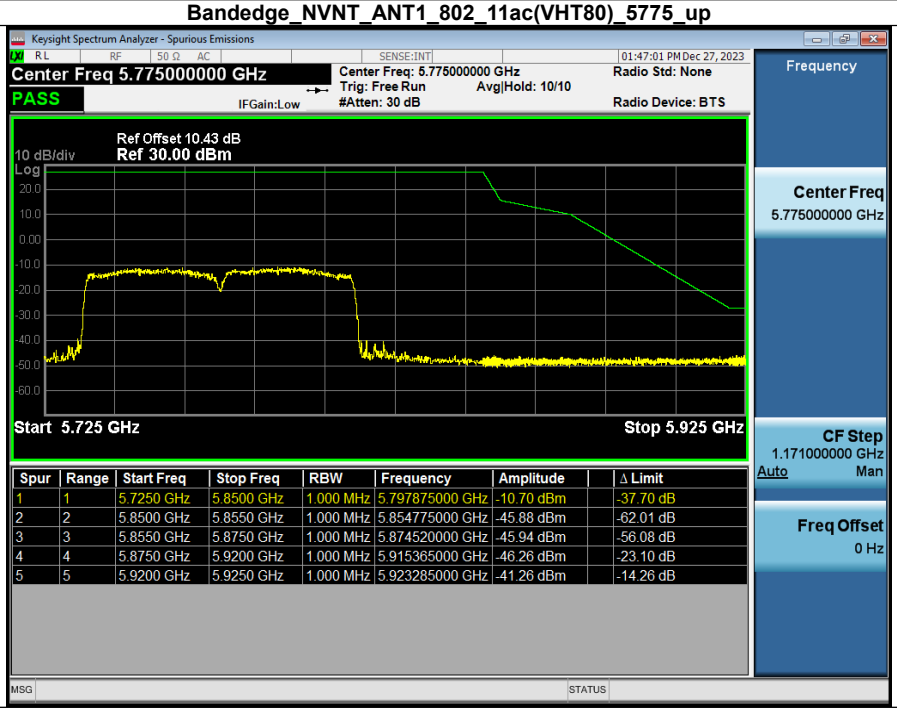

| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.7550 GHz | 5.8500 GHz | 1.000 MHz | 5.778275000 GHz | -7.758 dBm | | -34.76 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.854175000 GHz | -47.36 dBm | | -64.85 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.869920000 GHz | -45.86 dBm | | -57.29 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.919145000 GHz | -46.06 dBm | | -19.79 dB |
| 5 | 5 | 5.9200 GHz | 5.9550 GHz | 1.000 MHz | 5.933160000 GHz | -41.27 dBm | | -14.27 dB |

**Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low**




| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.6500 GHz | 5.6550 GHz | 1.000 MHz | 5.651330000 GHz | -46.37 dBm | | -19.37 dB |
| 2 | 2 | 5.6550 GHz | 5.7000 GHz | 1.000 MHz | 5.660895000 GHz | -46.13 dBm | | -23.98 dB |
| 3 | 3 | 5.7000 GHz | 5.7200 GHz | 1.000 MHz | 5.708760000 GHz | -45.96 dBm | | -58.41 dB |
| 4 | 4 | 5.7200 GHz | 5.7250 GHz | 1.000 MHz | 5.721405000 GHz | -43.59 dBm | | -62.39 dB |
| 5 | 5 | 5.7250 GHz | 5.8500 GHz | 1.000 MHz | 5.800250000 GHz | -7.757 dBm | | -34.76 dB |

**Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up**




| Spur | Range | Start Freq | Stop Freq | RBW | Frequency | Amplitude | | Δ Limit |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 5.7250 GHz | 5.8500 GHz | 1.000 MHz | 5.797875000 GHz | -10.70 dBm | | -37.70 dB |
| 2 | 2 | 5.8500 GHz | 5.8550 GHz | 1.000 MHz | 5.854775000 GHz | -45.88 dBm | | -62.01 dB |
| 3 | 3 | 5.8550 GHz | 5.8750 GHz | 1.000 MHz | 5.874520000 GHz | -45.94 dBm | | -56.08 dB |
| 4 | 4 | 5.8750 GHz | 5.9200 GHz | 1.000 MHz | 5.915365000 GHz | -46.26 dBm | | -23.10 dB |
| 5 | 5 | 5.9200 GHz | 5.9250 GHz | 1.000 MHz | 5.923285000 GHz | -41.26 dBm | | -14.26 dB |