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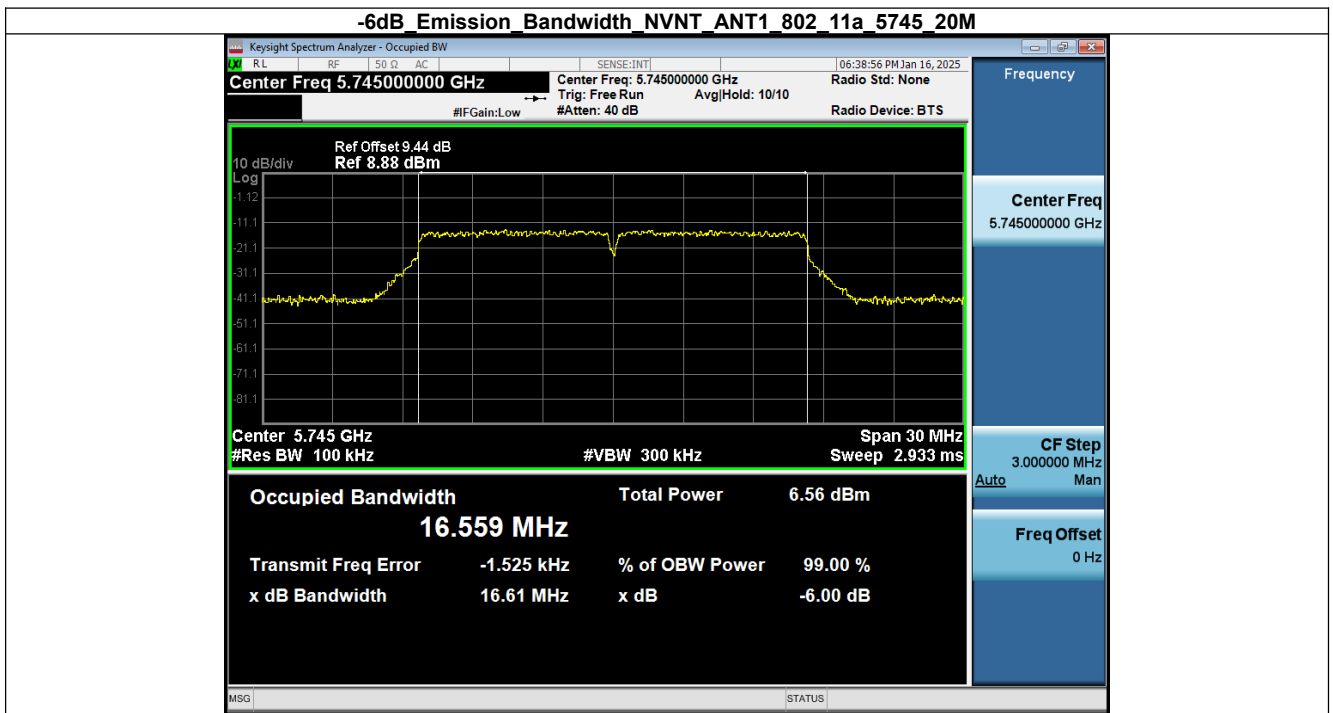
# FCC ID:QIC-MSE12

## IC:30055-MSE12

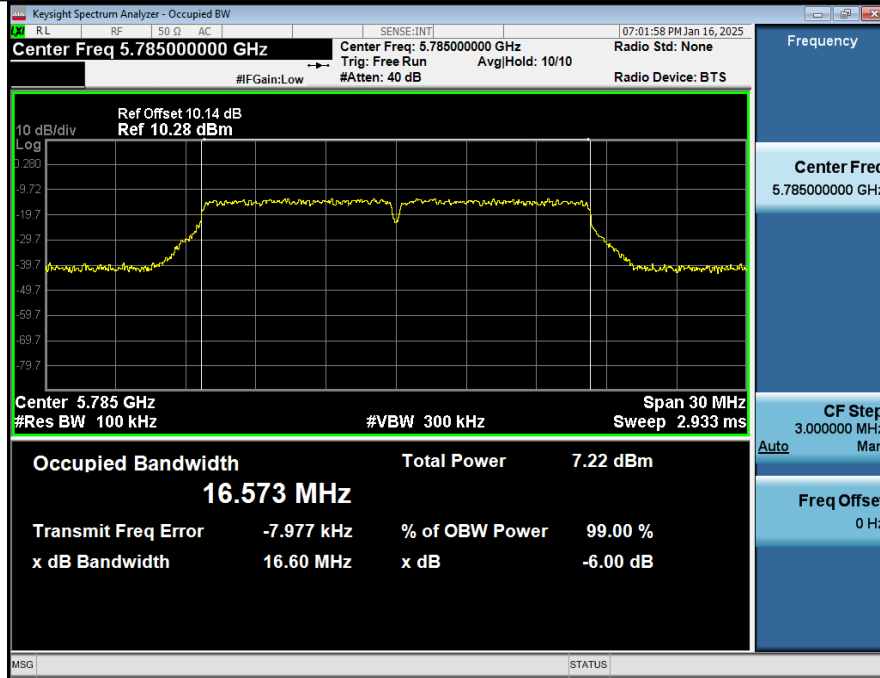
### FCC\_5.8G\_WIFI (Part15.407) Test Data

#### 1. -6dB Emission Bandwidth

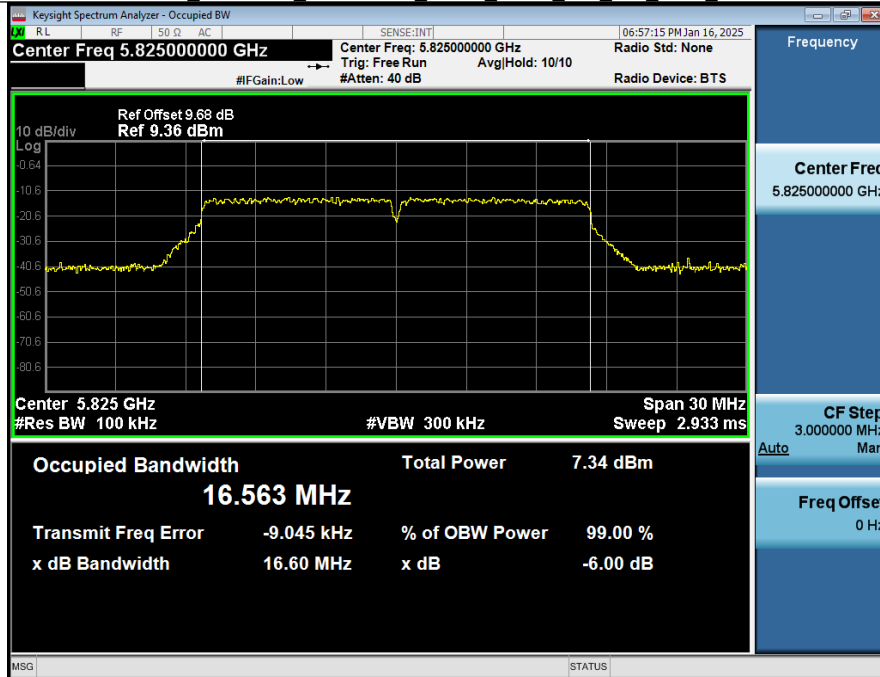
| Condition | Antenna | Mode            | Frequency(MHz) | -6dB_Emission_Bandwidth(MHz) | Limit(MHz) | Result |
|-----------|---------|-----------------|----------------|------------------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5745.00        | 16.605                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11a         | 5785.00        | 16.601                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11a         | 5825.00        | 16.603                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00        | 17.820                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00        | 17.809                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00        | 17.830                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00        | 17.815                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00        | 17.836                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00        | 17.835                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00        | 36.517                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00        | 36.487                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00        | 36.483                       | 0.500      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00        | 36.470                       | 0.500      | Pass   |



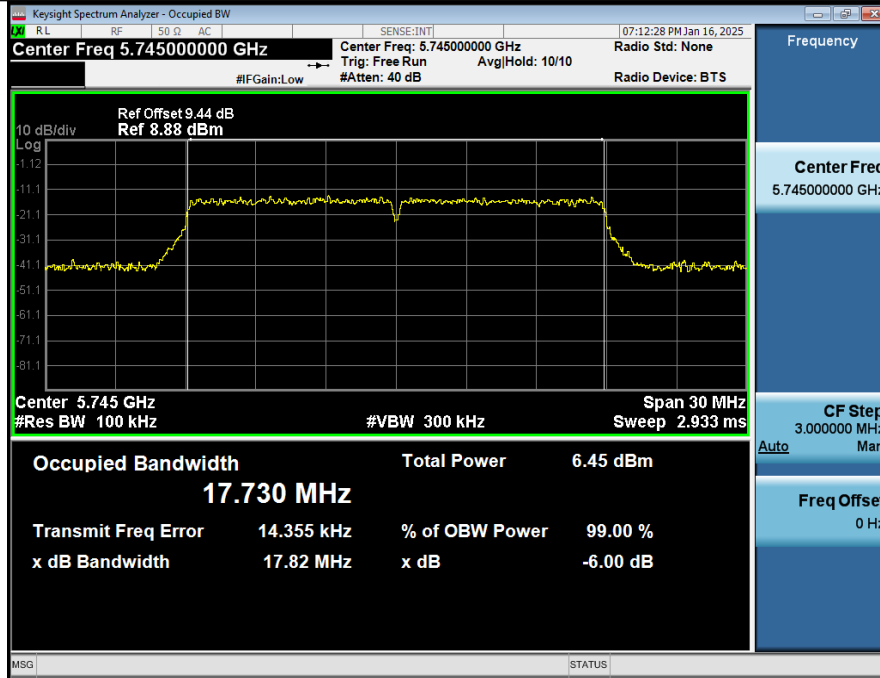
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11a\_5785\_20M



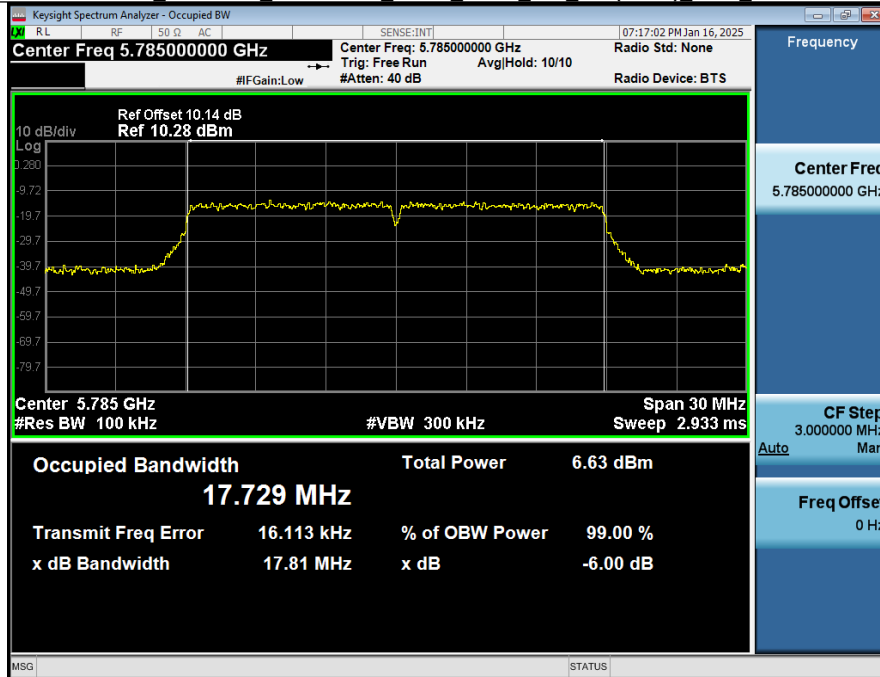
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11a\_5825\_20M



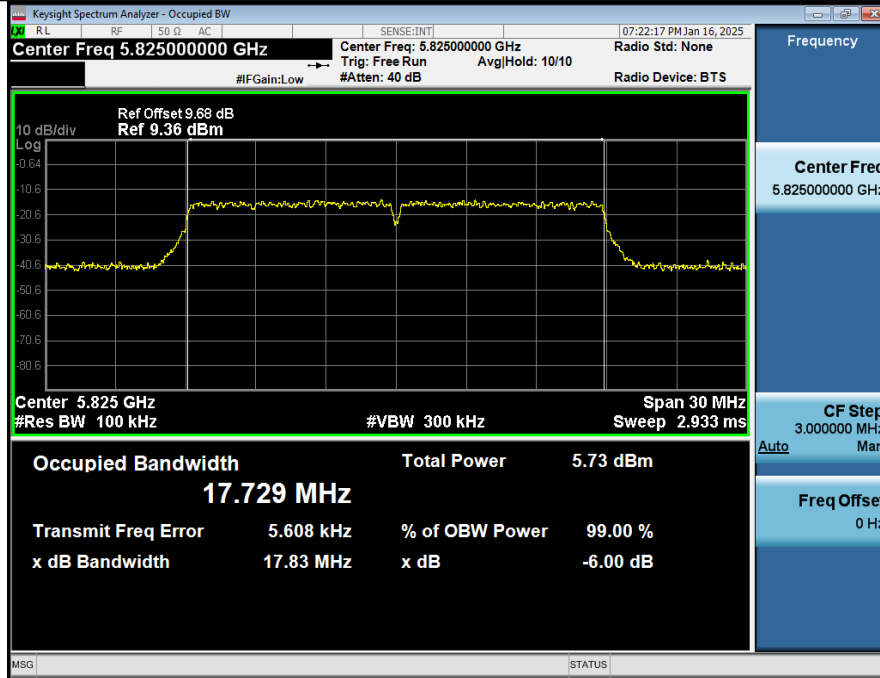
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11n(HT20) 5745\_20M



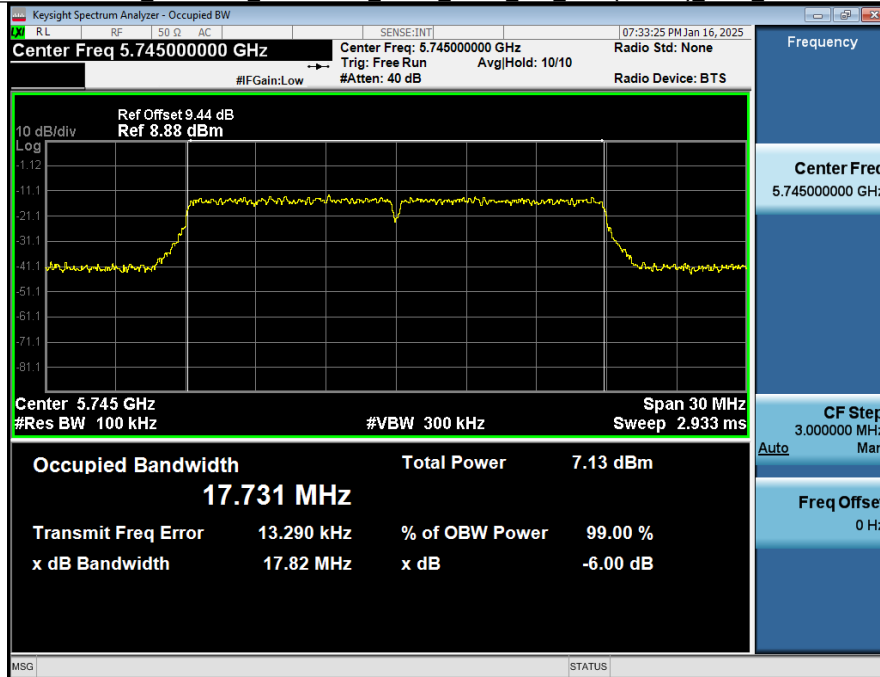
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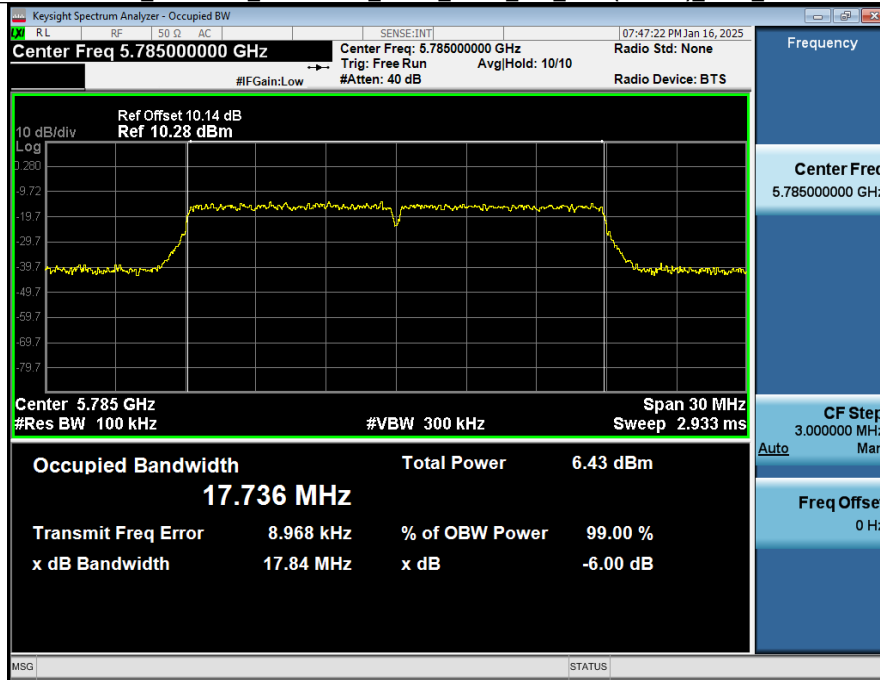
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11n(HT20) 5825\_20M



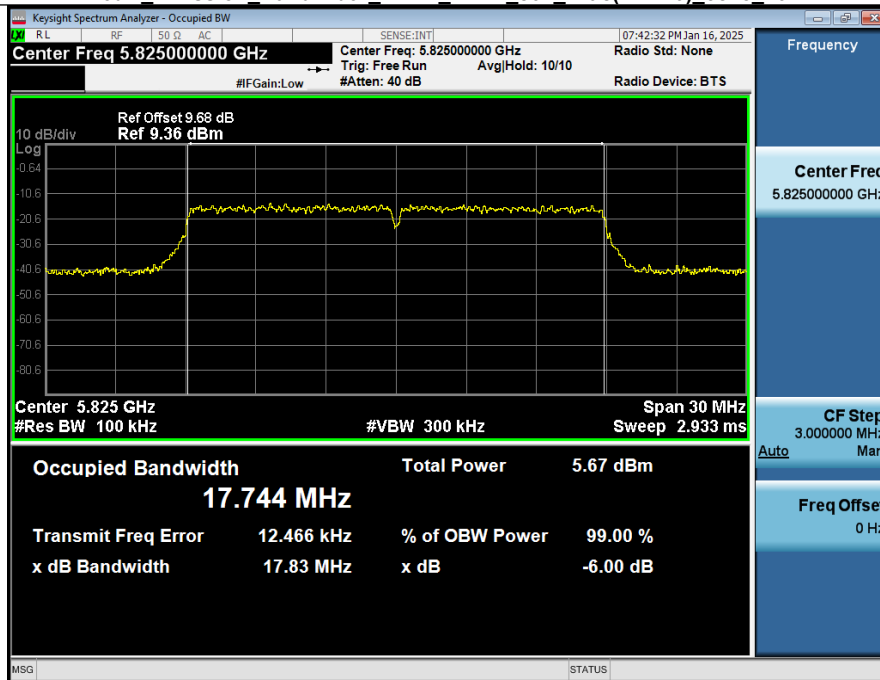
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11ac(VHT20) 5745\_20M



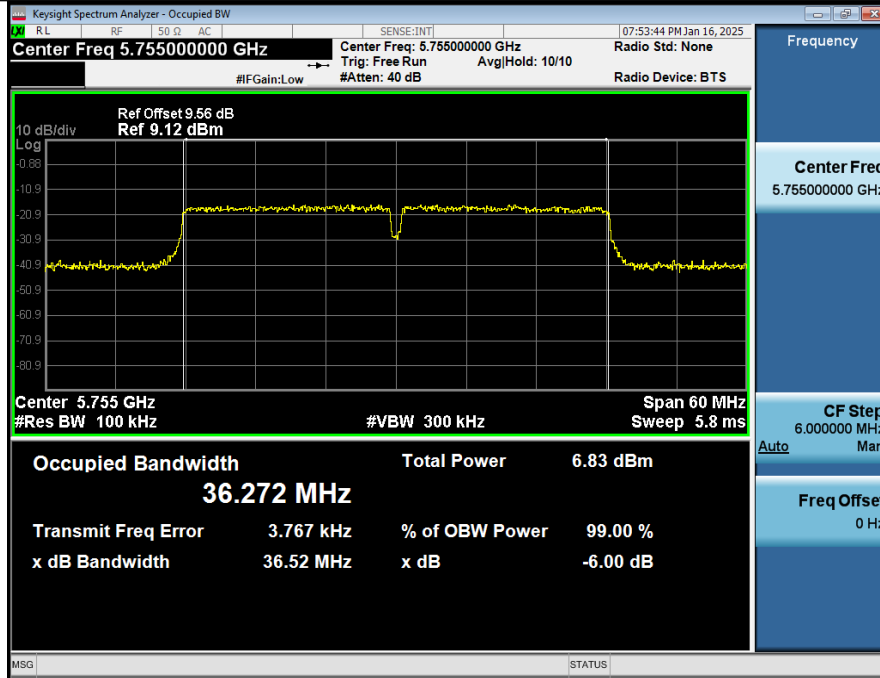
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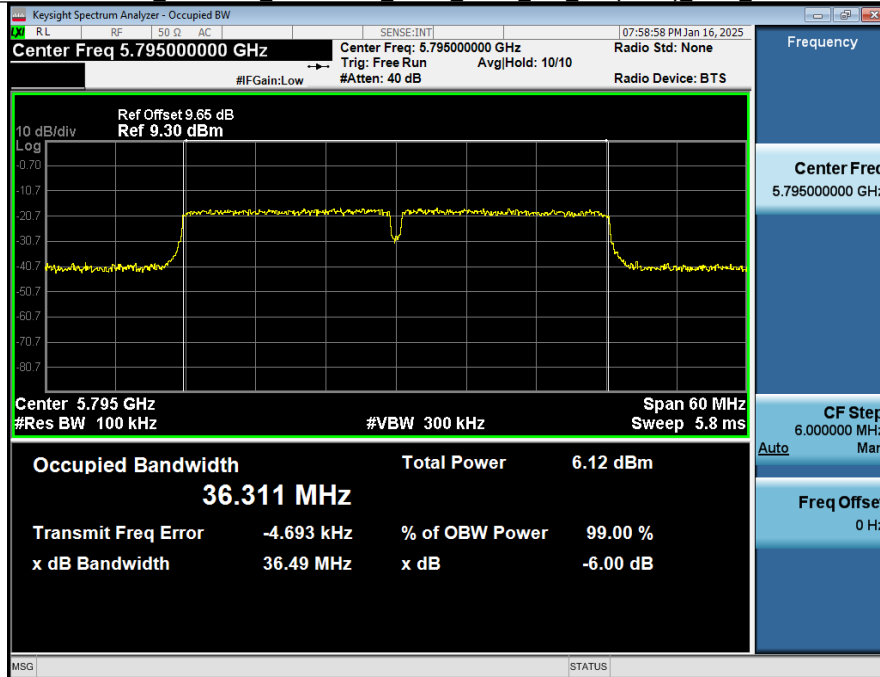
-6dB Emission Bandwidth NVNT\_ANT1\_802\_11ac(VHT20)\_5825\_20M



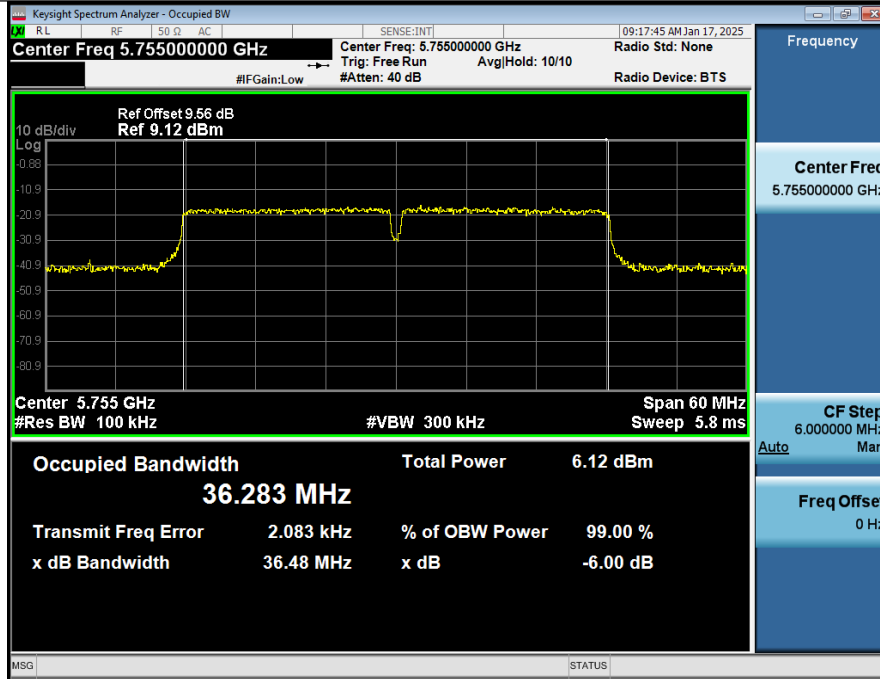
**-6dB Emission Bandwidth NVNT\_ANT1\_802\_11n(HT40) 5755\_40M**



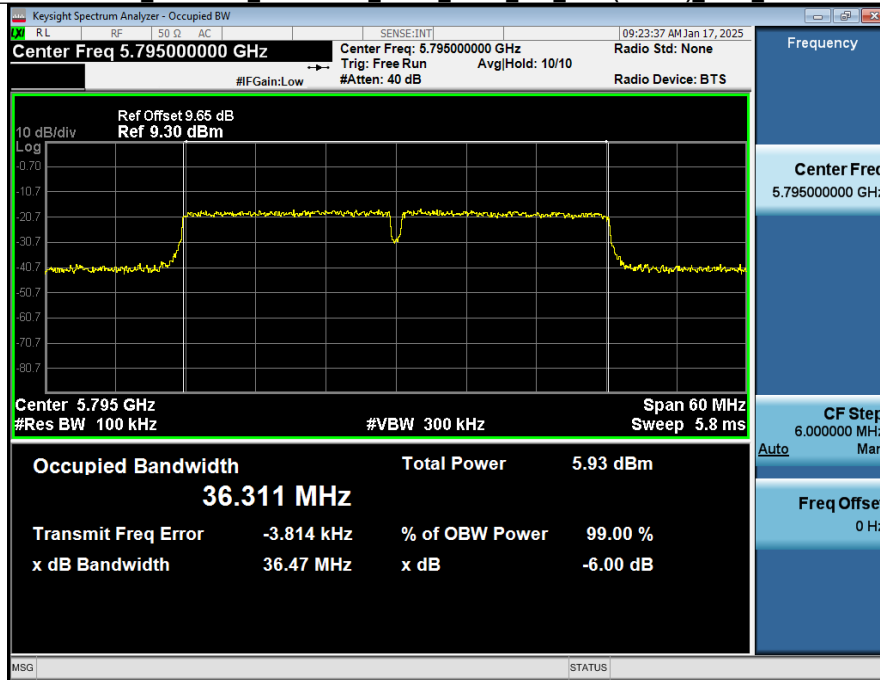
**-6dB Emission Bandwidth NVNT\_ANT1\_802\_11n(HT40) 5795\_40M**



-6dB Emission Bandwidth\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755\_40M

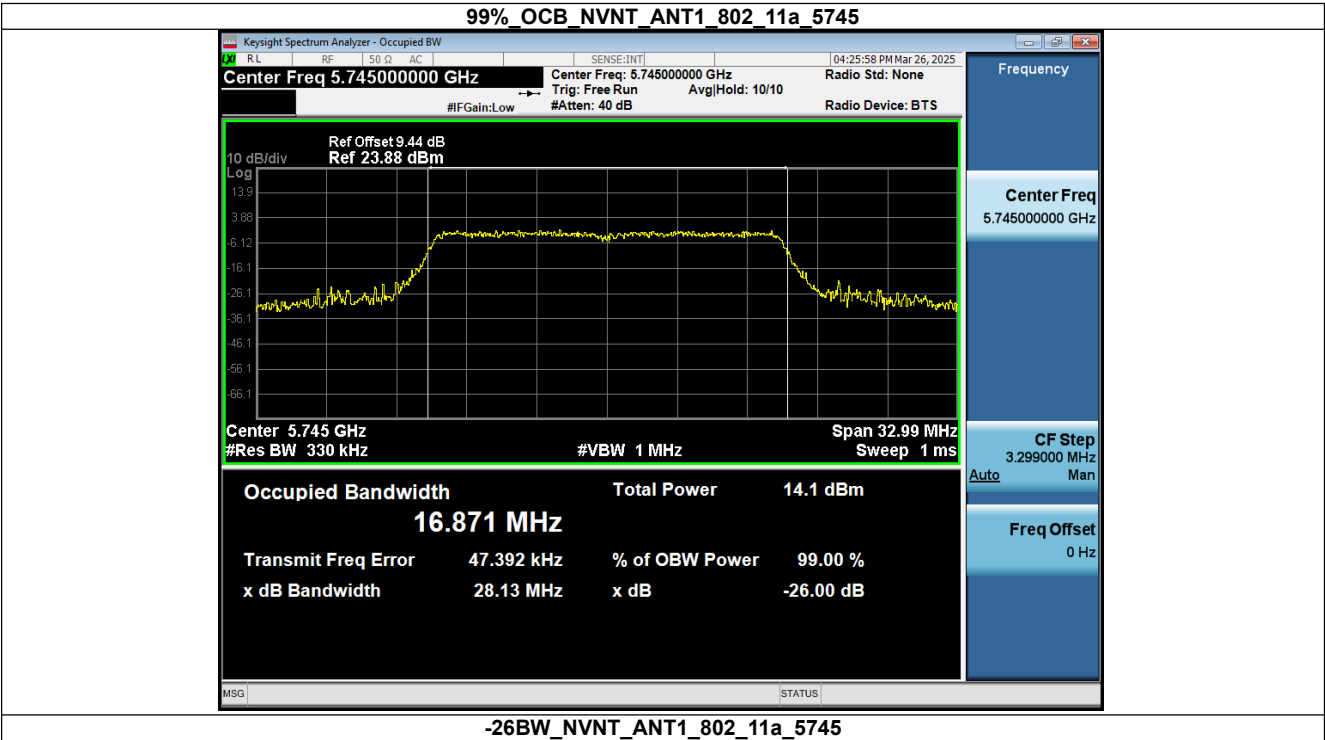


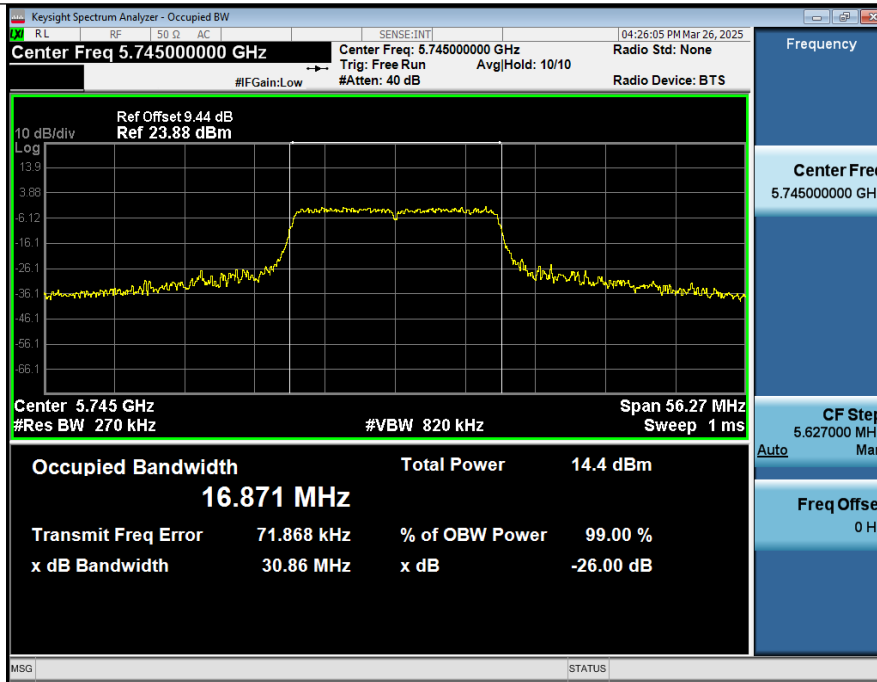
-6dB Emission Bandwidth\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795\_40M



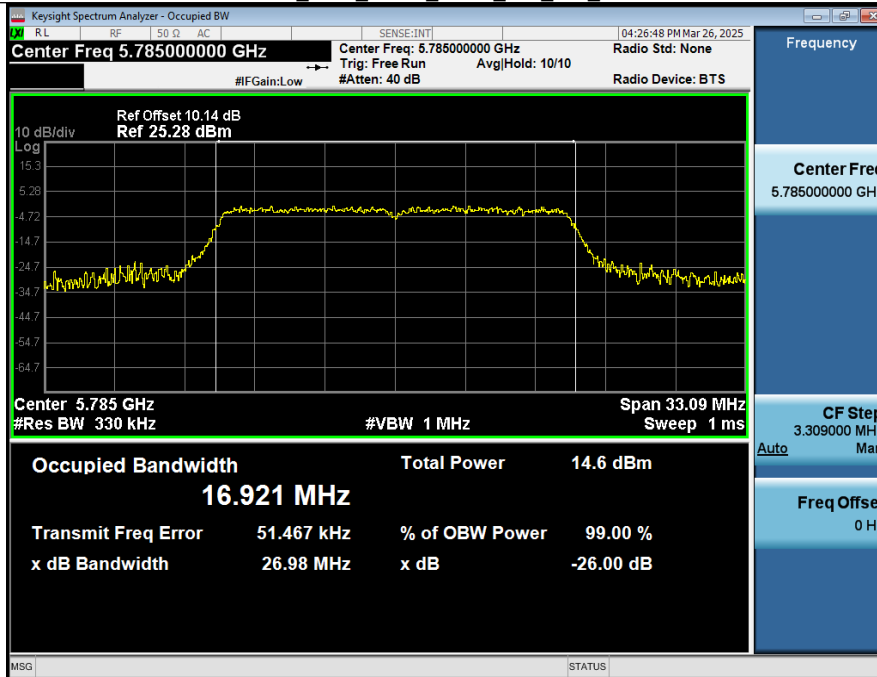
2. -26dB and 99% Emission Bandwidth

| Condition | Antenna | Modulation      | Frequency(MHz) | -26dB_Emission_Bandwidth(MHz) | Occupied Bandwidth(MHz) |
|-----------|---------|-----------------|----------------|-------------------------------|-------------------------|
| NVNT      | ANT1    | 802.11a         | 5745.00        | 30.86                         | 16.87                   |
| NVNT      | ANT1    | 802.11a         | 5785.00        | 27.95                         | 16.92                   |
| NVNT      | ANT1    | 802.11a         | 5825.00        | 26.60                         | 16.89                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00        | 25.74                         | 17.89                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00        | 35.28                         | 17.86                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00        | 28.18                         | 17.82                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00        | 29.38                         | 17.89                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00        | 31.20                         | 17.83                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00        | 30.11                         | 17.85                   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00        | 45.54                         | 36.26                   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00        | 43.25                         | 36.32                   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00        | 47.09                         | 36.39                   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00        | 39.97                         | 36.38                   |

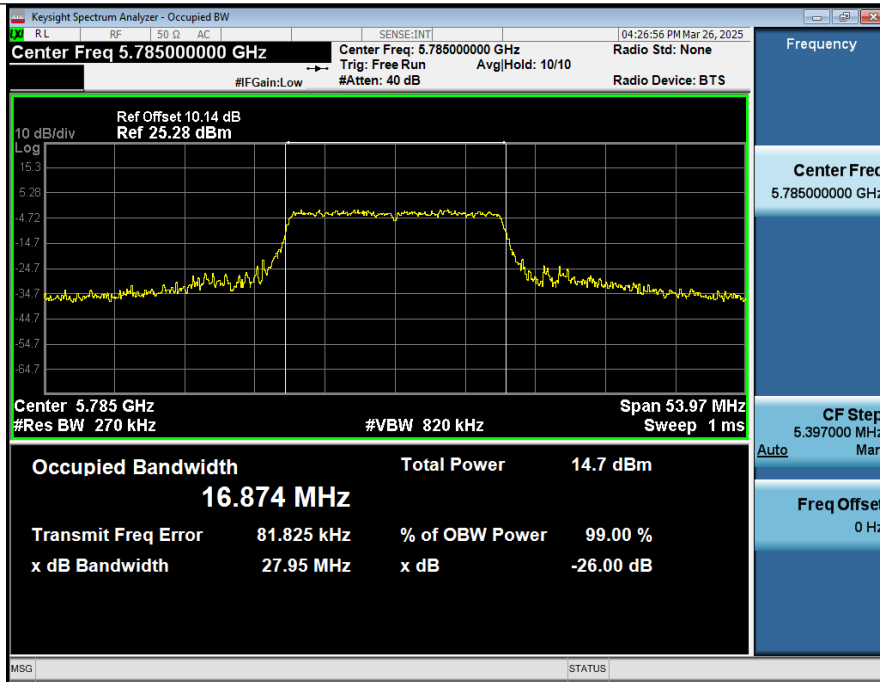




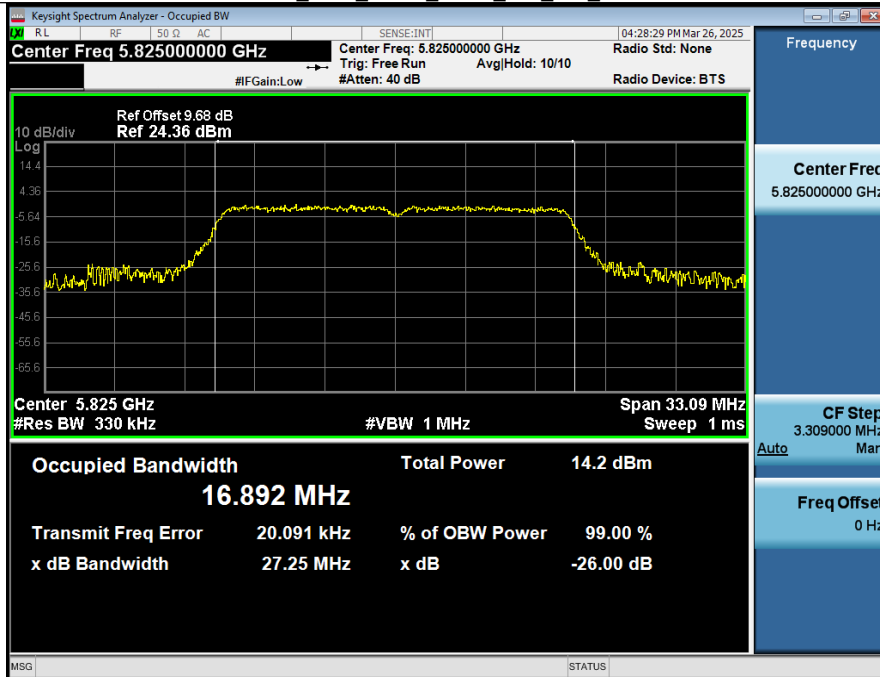
99%\_OCB\_NVNT\_ANT1\_802\_11a\_5785



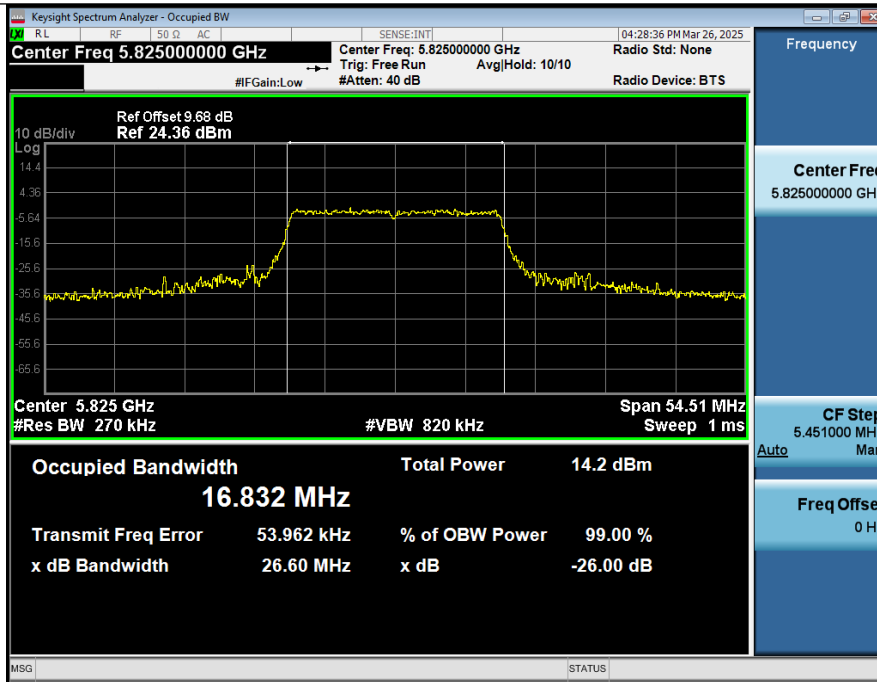
-26BW\_NVNT\_ANT1\_802\_11a\_5785



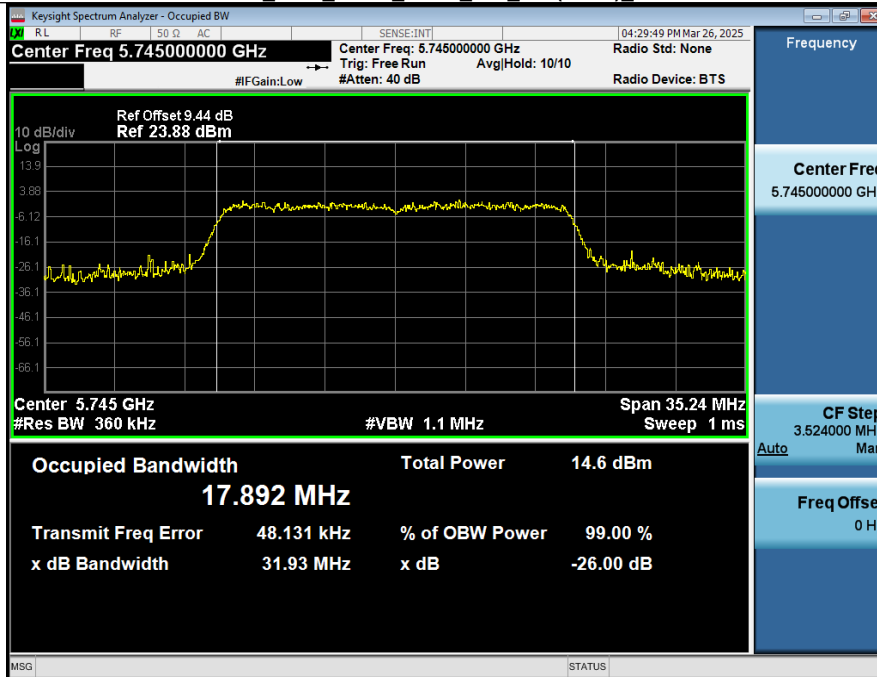
99%\_OCB\_NVNT\_ANT1\_802\_11a\_5825



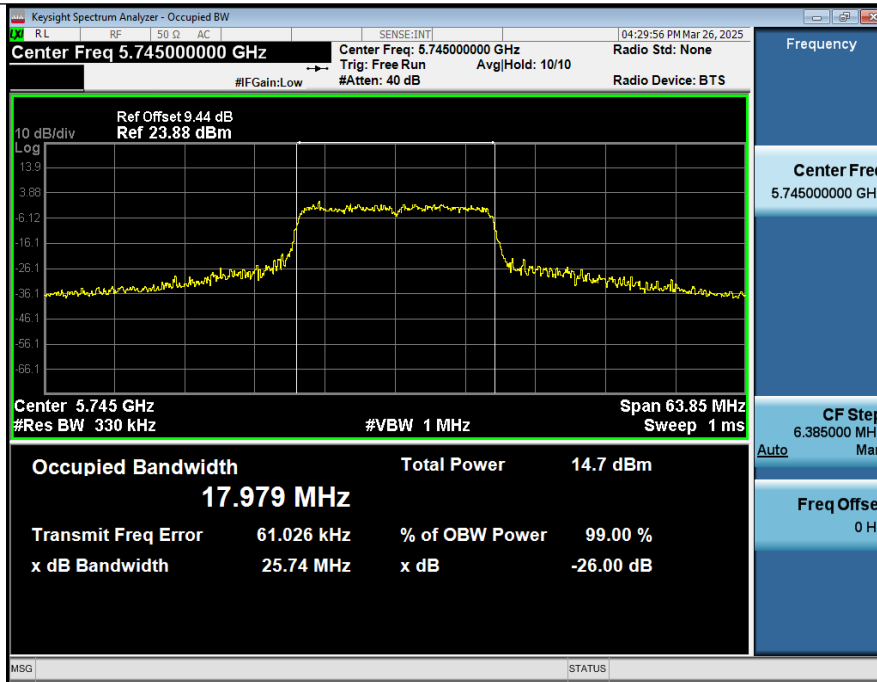
-26BW\_NVNT\_ANT1\_802\_11a\_5825



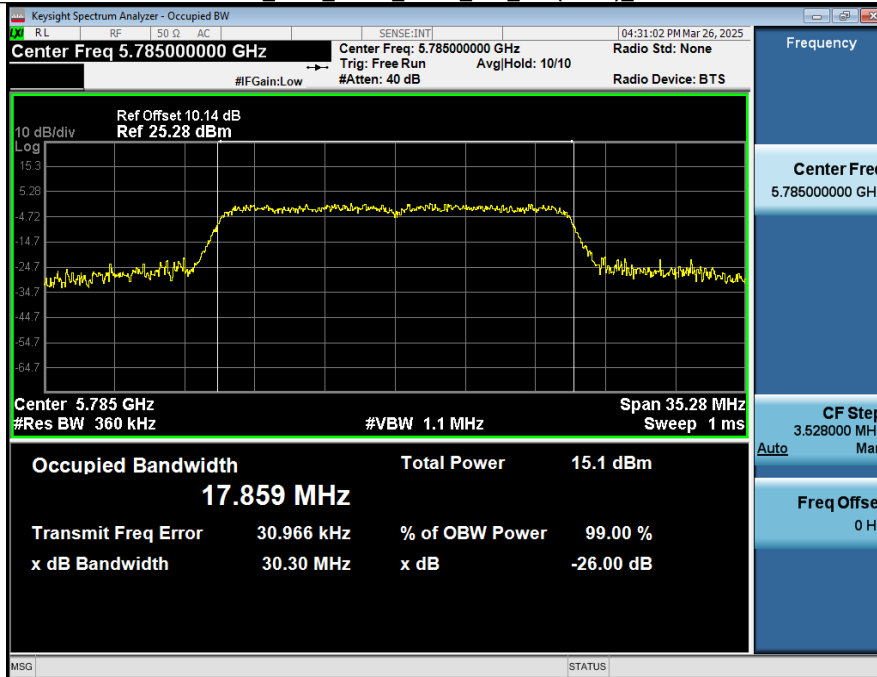
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5745



-26BW\_NVNT\_ANT1\_802\_11n(HT20)\_5745



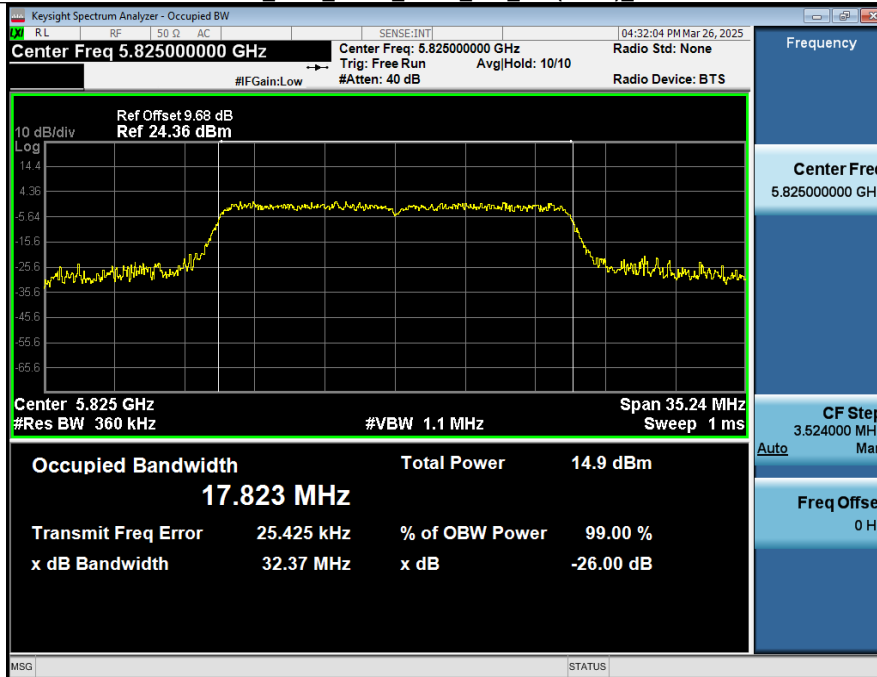
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5785



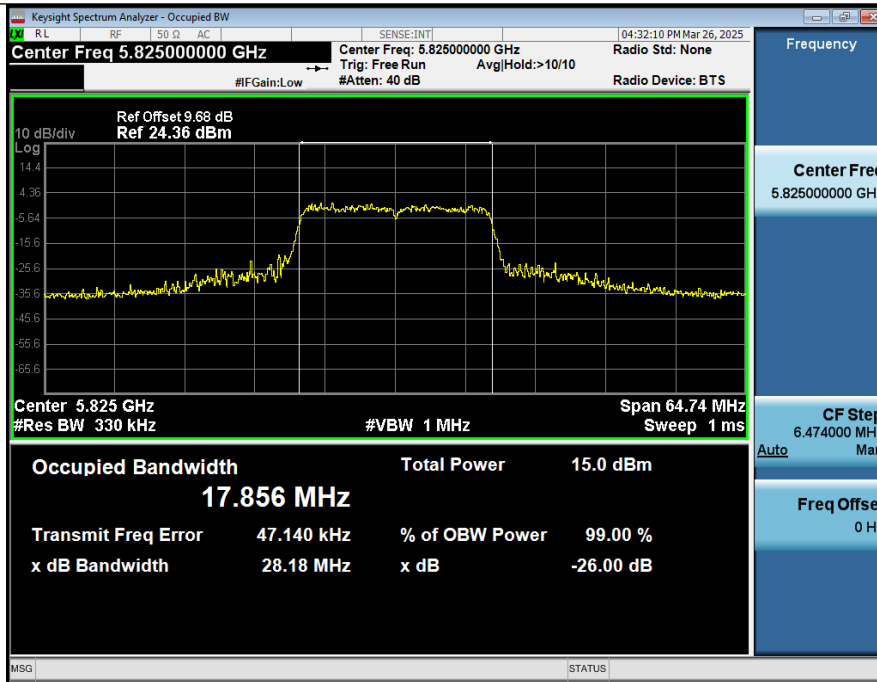
-26BW\_NVNT\_ANT1\_802\_11n(HT20)\_5785



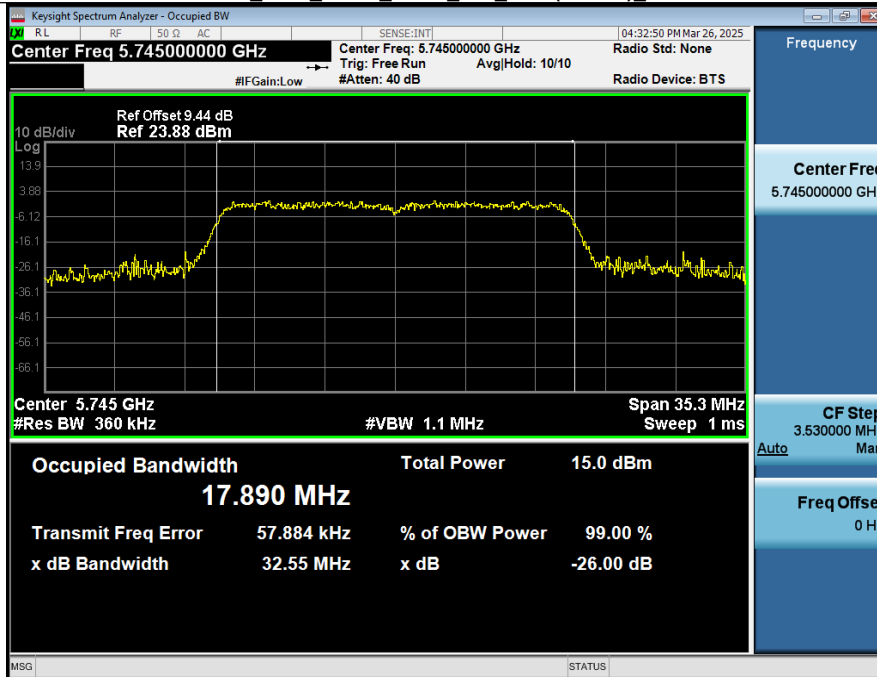
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5825



-26BW\_NVNT\_ANT1\_802\_11n(HT20)\_5825



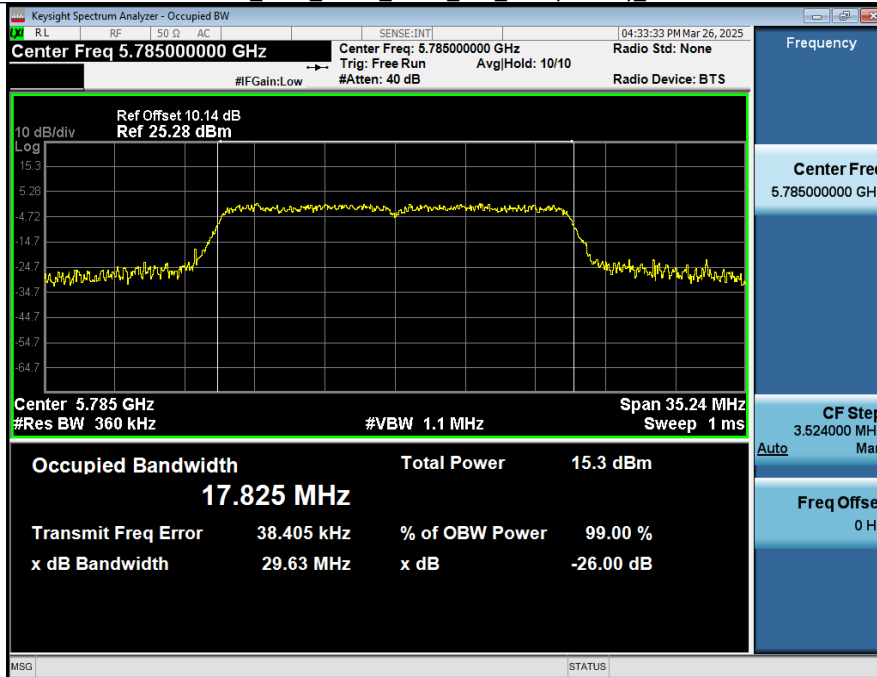
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745



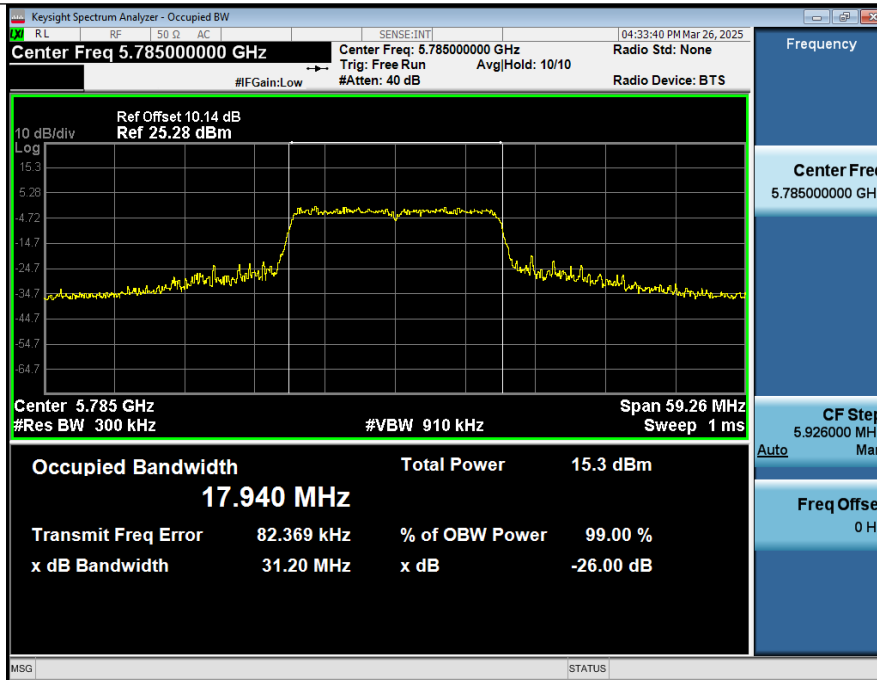
-26BW\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745



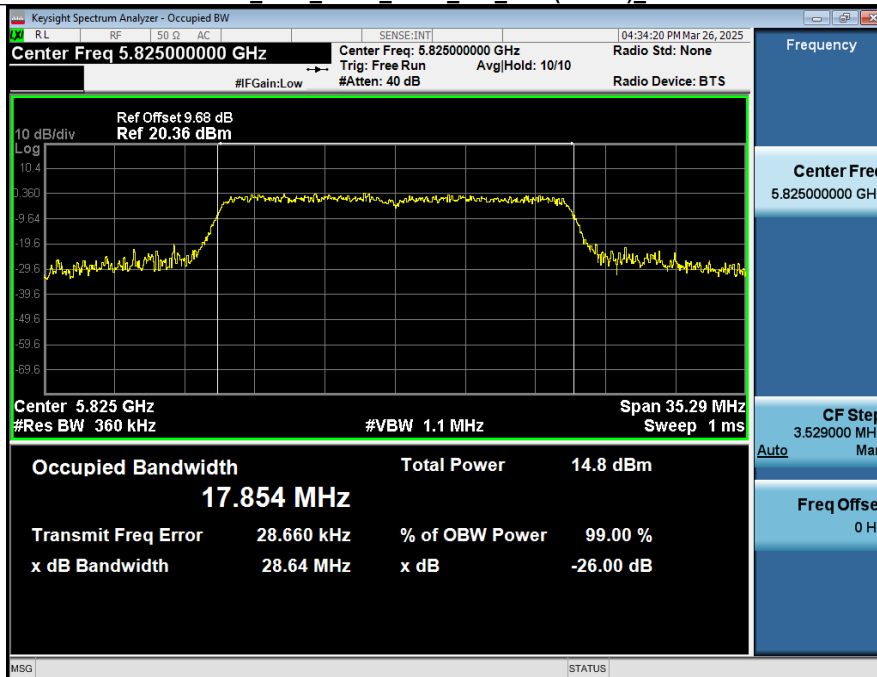
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5785



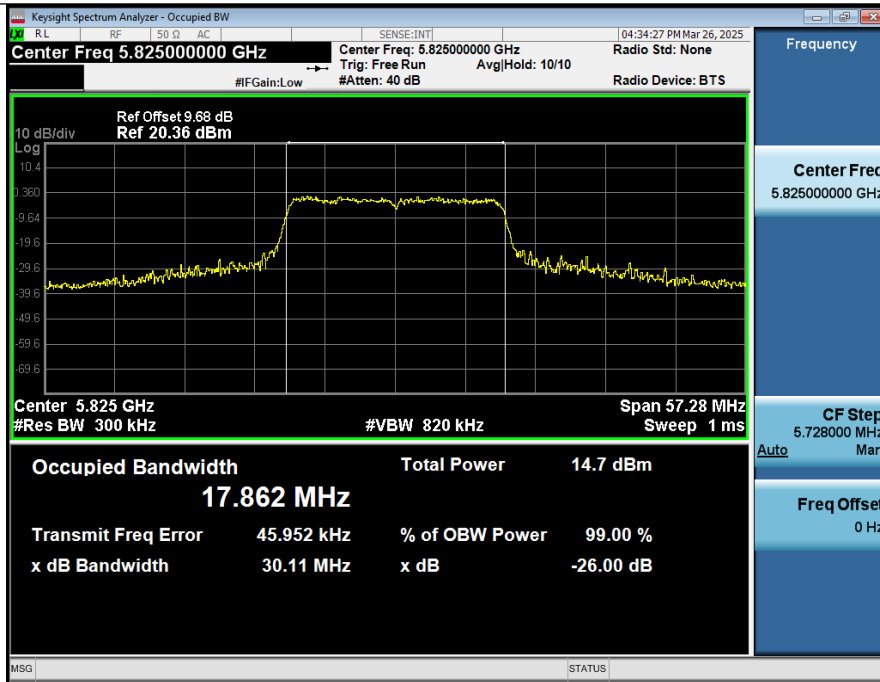
-26BW\_NVNT\_ANT1\_802\_11ac(VHT20)\_5785



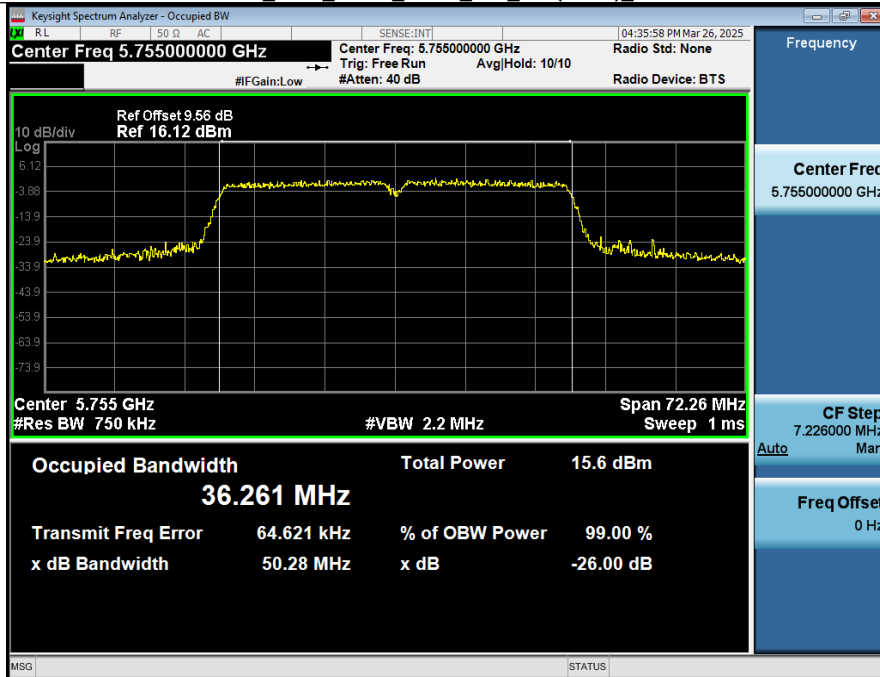
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5825



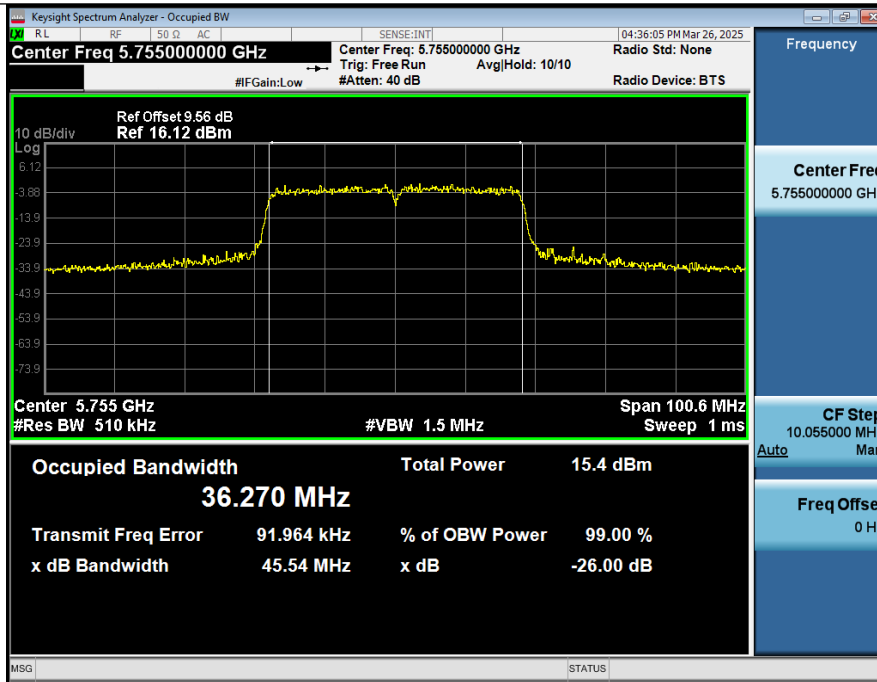
-26BW\_NVNT\_ANT1\_802\_11ac(VHT20)\_5825



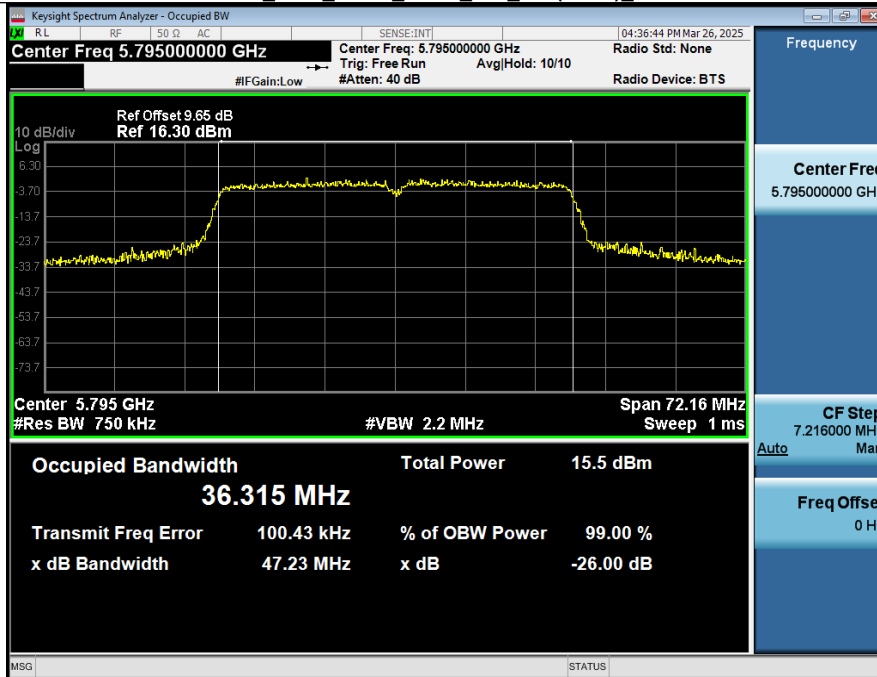
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT40)\_5755



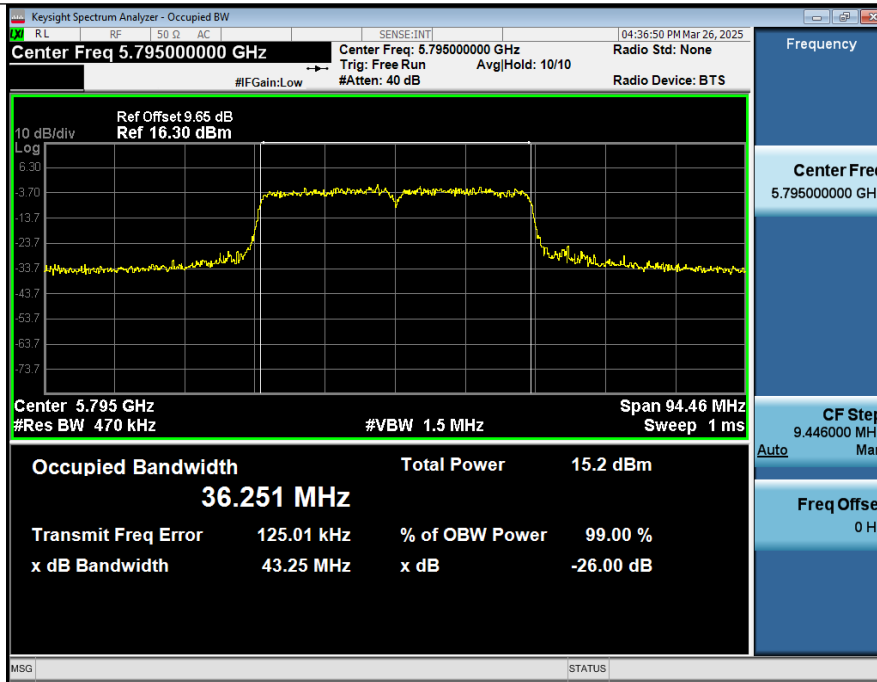
-26BW\_NVNT\_ANT1\_802\_11n(HT40)\_5755



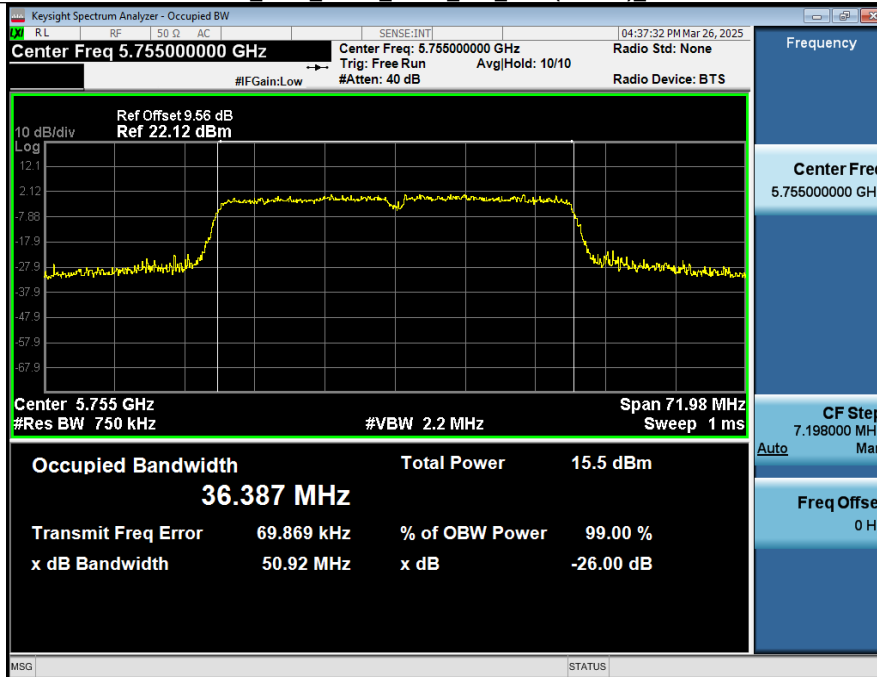
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT40)\_5795



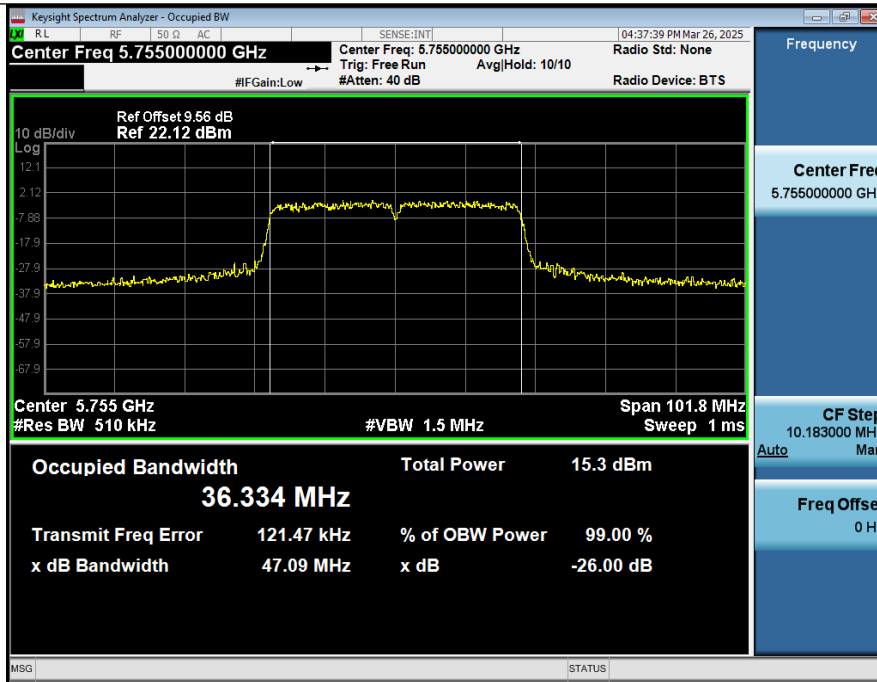
-26BW\_NVNT\_ANT1\_802\_11n(HT40)\_5795



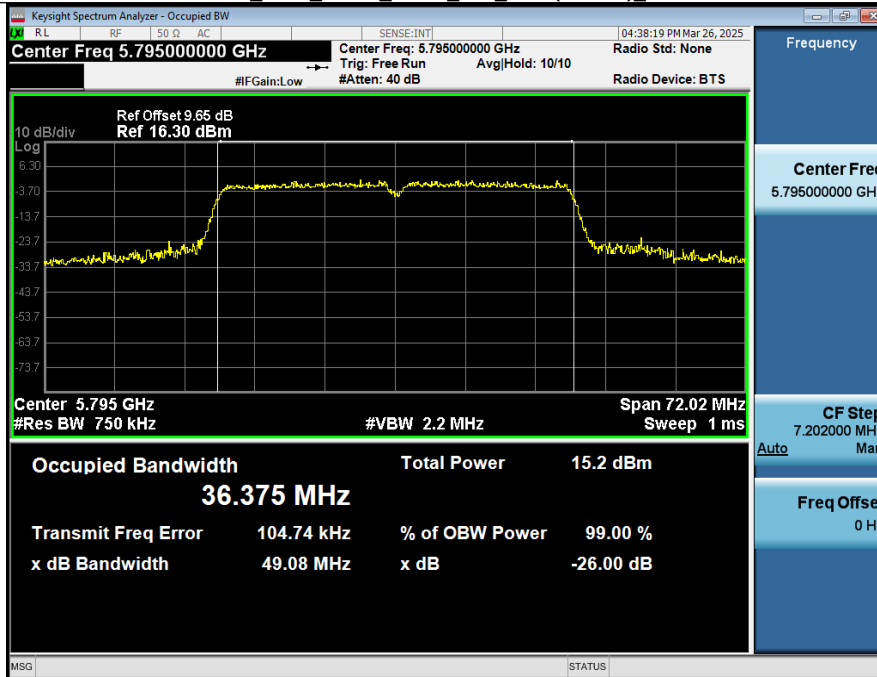
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755



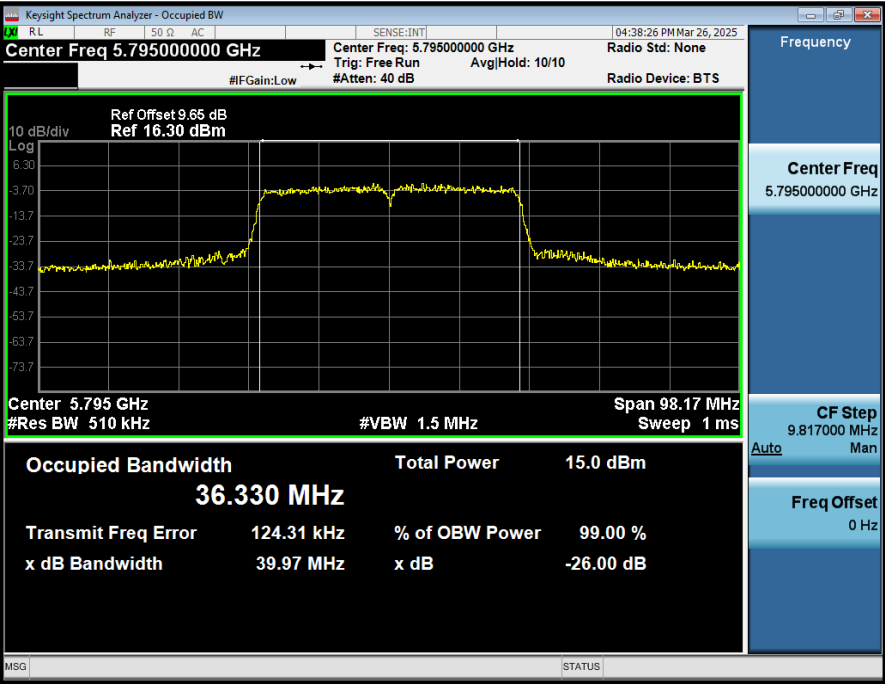
-26BW\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755



99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795

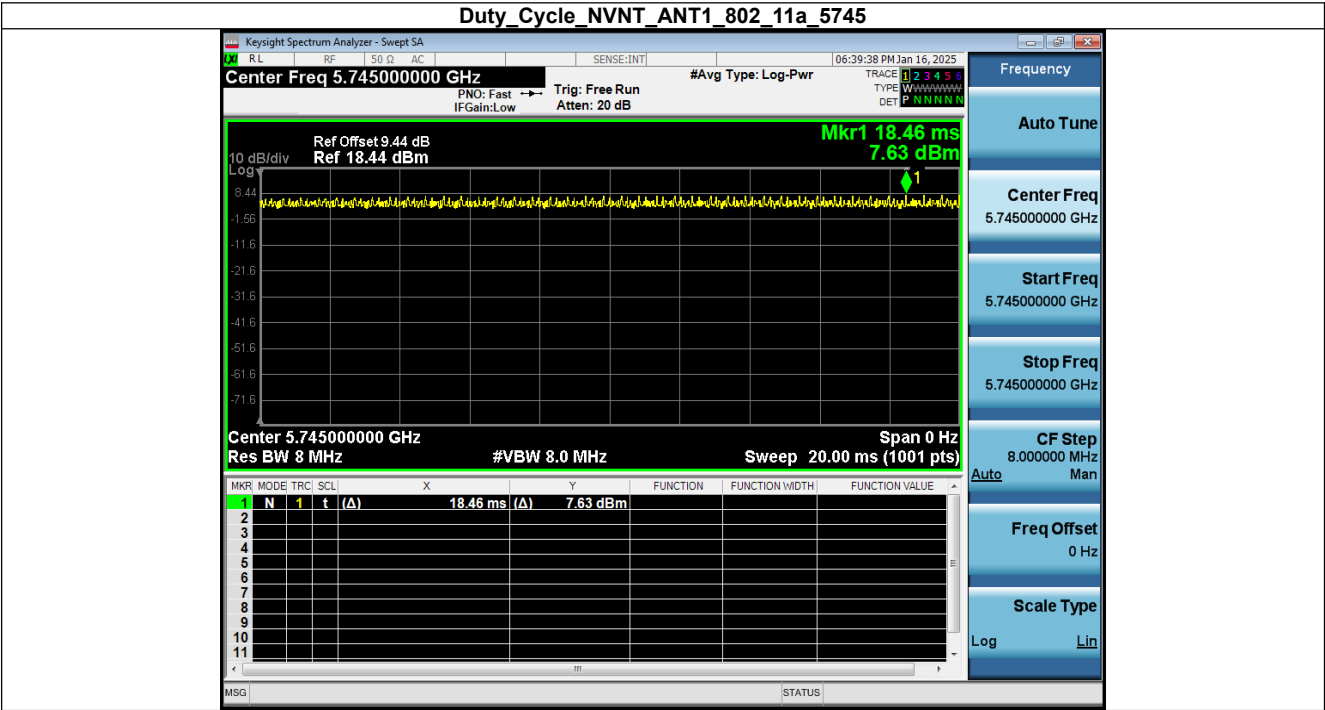


-26BW\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795

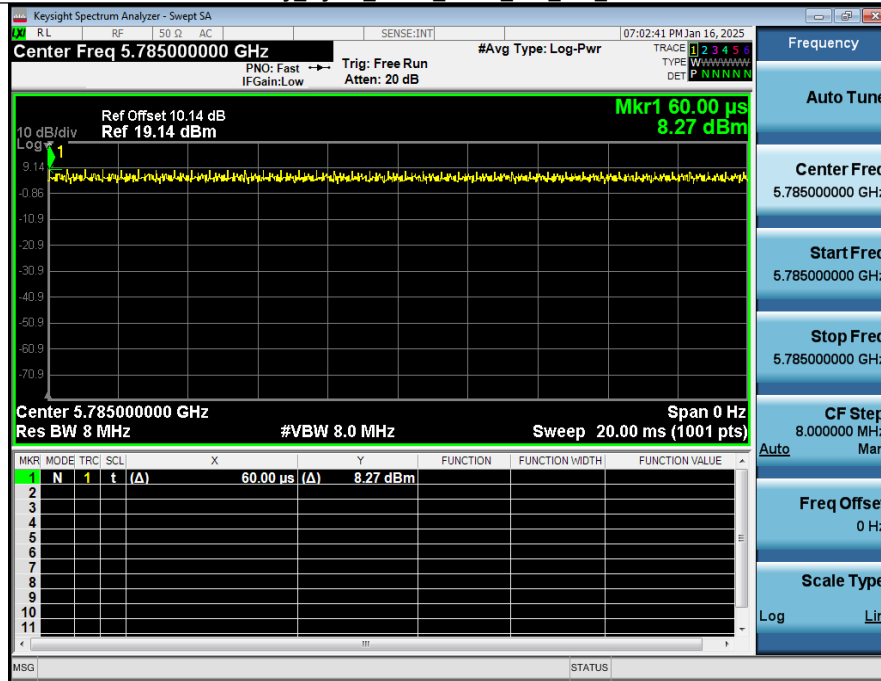


3. Duty Cycle

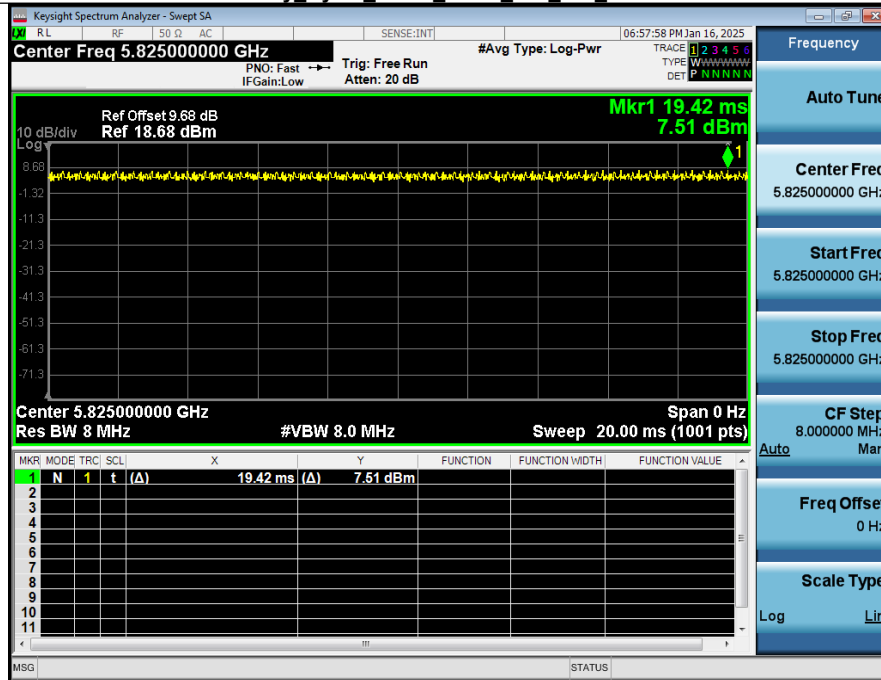
| Condition | Antenna | Modulation      | Frequency (MHz) | Duty cycle(%) | Duty_factor |
|-----------|---------|-----------------|-----------------|---------------|-------------|
| NVNT      | ANT1    | 802.11a         | 5745.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11a         | 5785.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11a         | 5825.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00         | 100           | 0.00        |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00         | 100           | 0.00        |



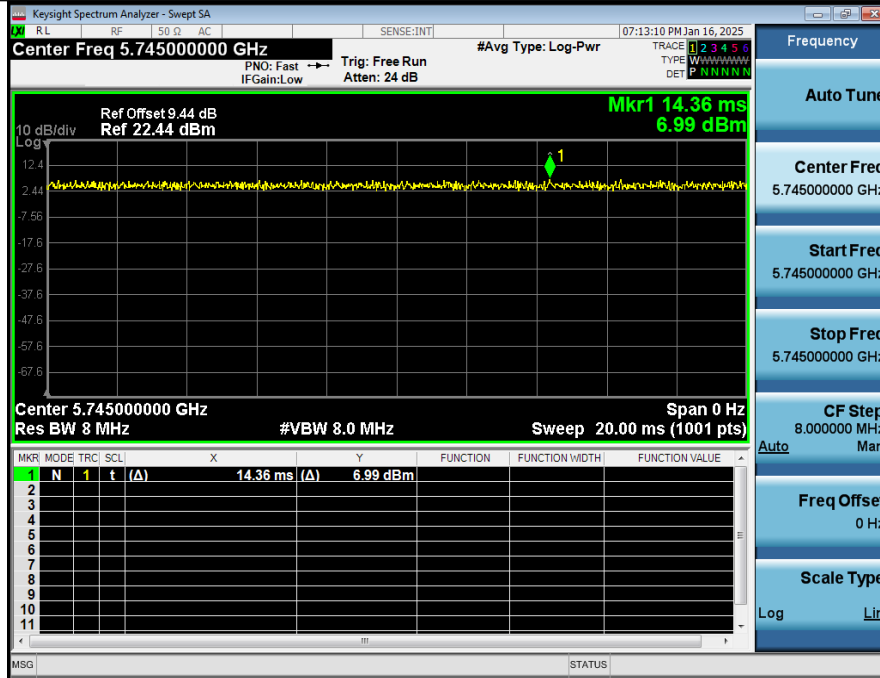
# Duty Cycle NVNT\_ANT1\_802\_11a\_5785



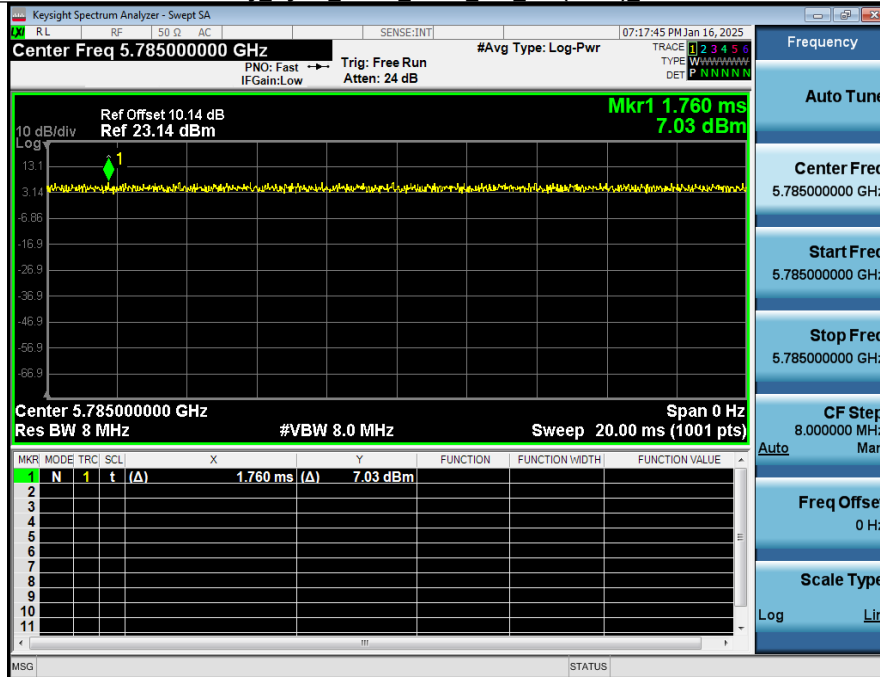
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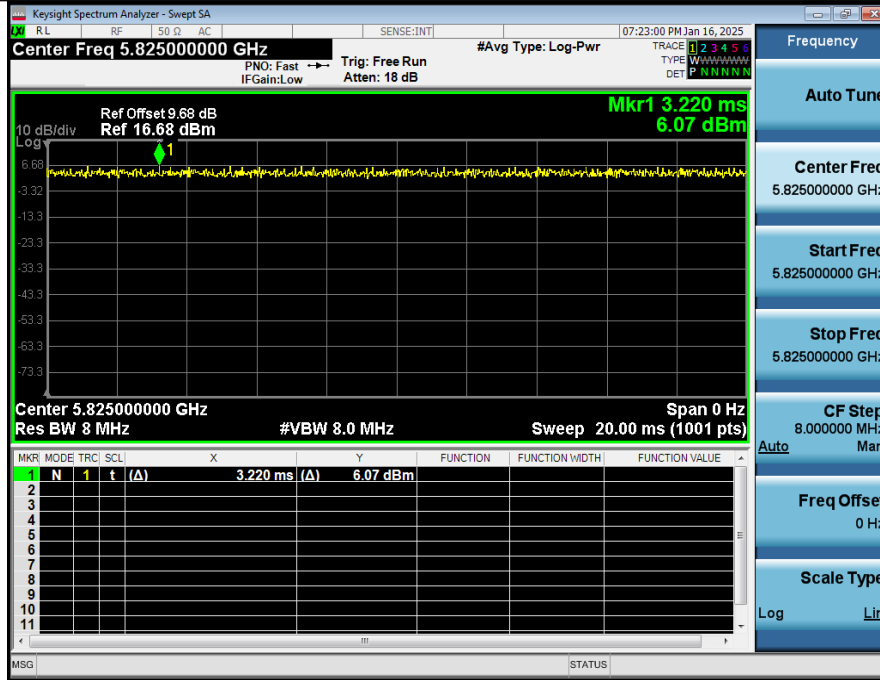
# Duty Cycle NVNT\_ANT1\_802\_11n(HT20)\_5745



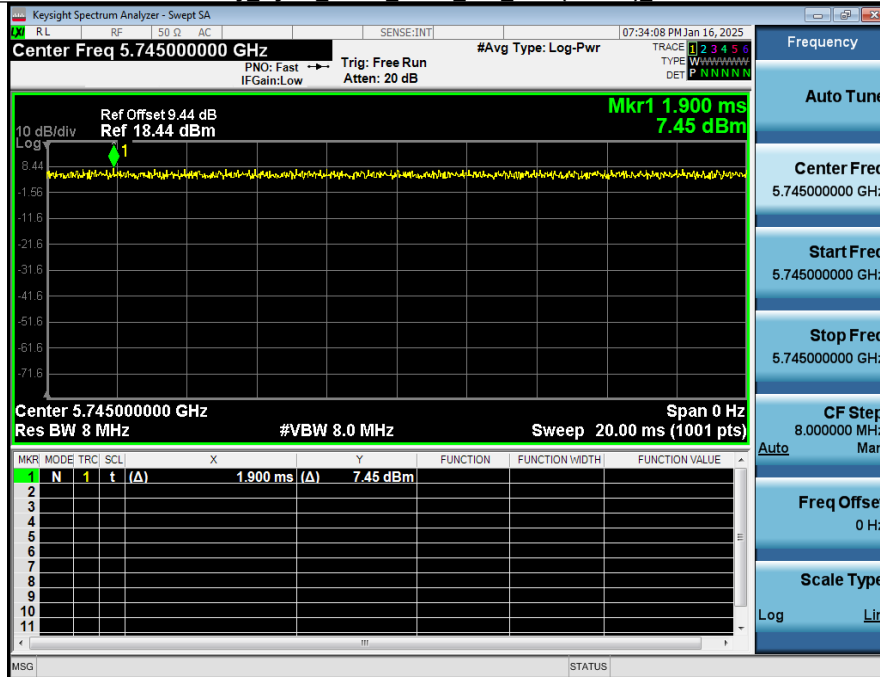
# Duty Cycle NVNT\_ANT1\_802\_11n(HT20)\_5785



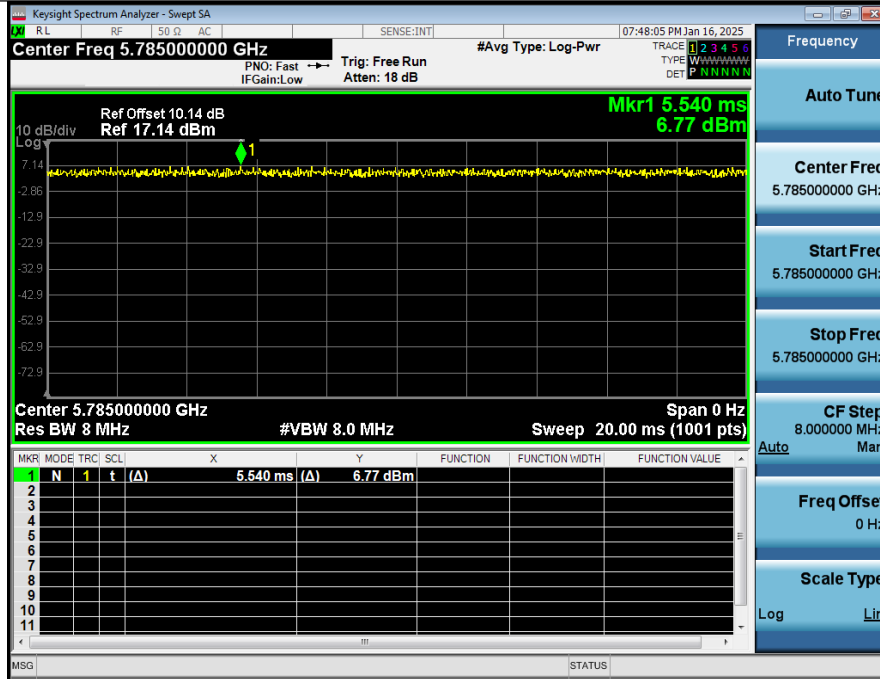
# Duty Cycle NVNT\_ANT1\_802\_11n(HT20)\_5825



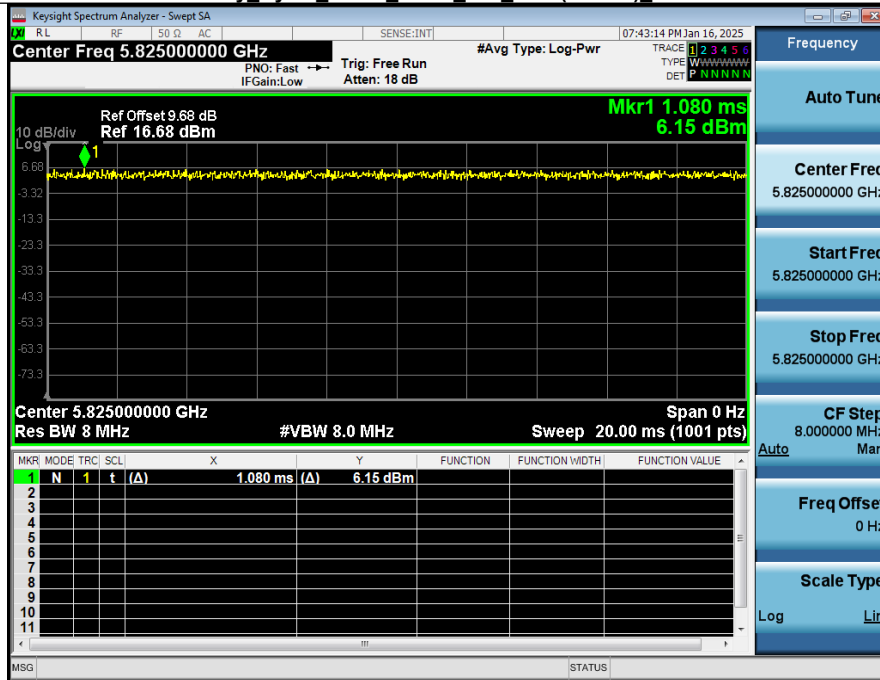
# Duty Cycle NVNT\_ANT1\_802\_11ac(VHT20)\_5745



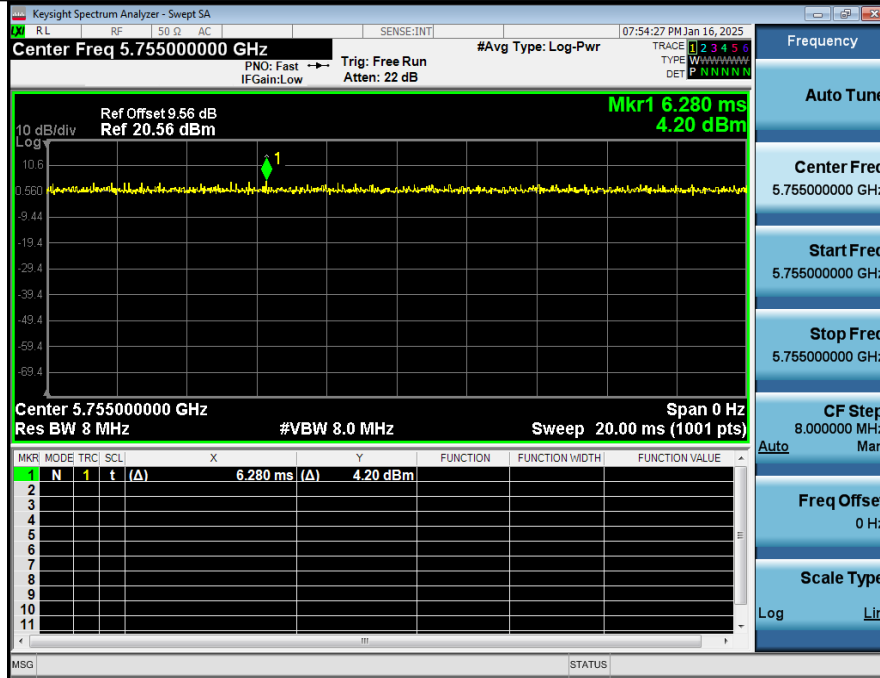
# Duty Cycle NVNT\_ANT1\_802\_11ac(VHT20)\_5785



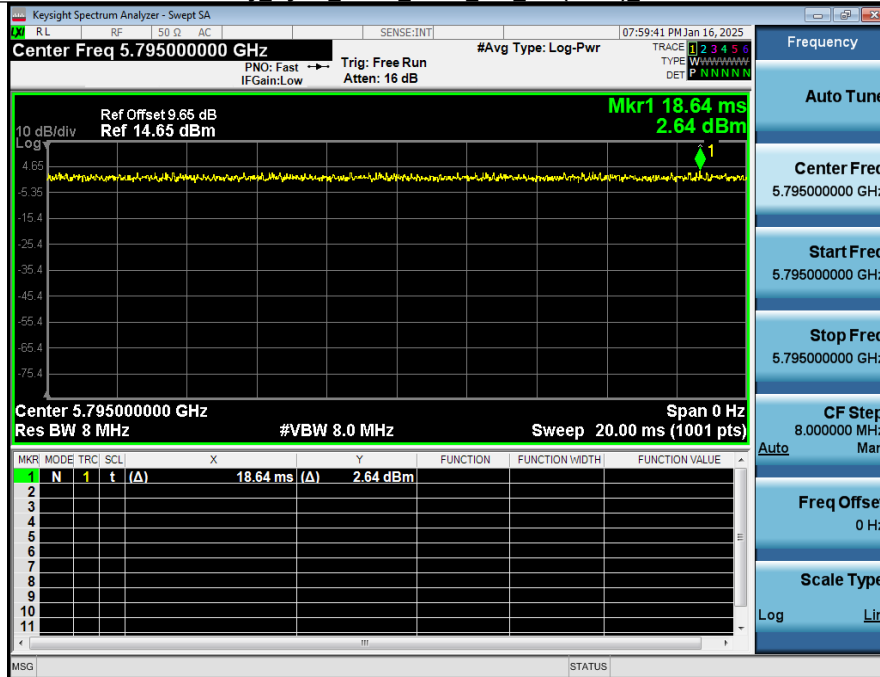
# Duty Cycle NVNT\_ANT1\_802\_11ac(VHT20)\_5825



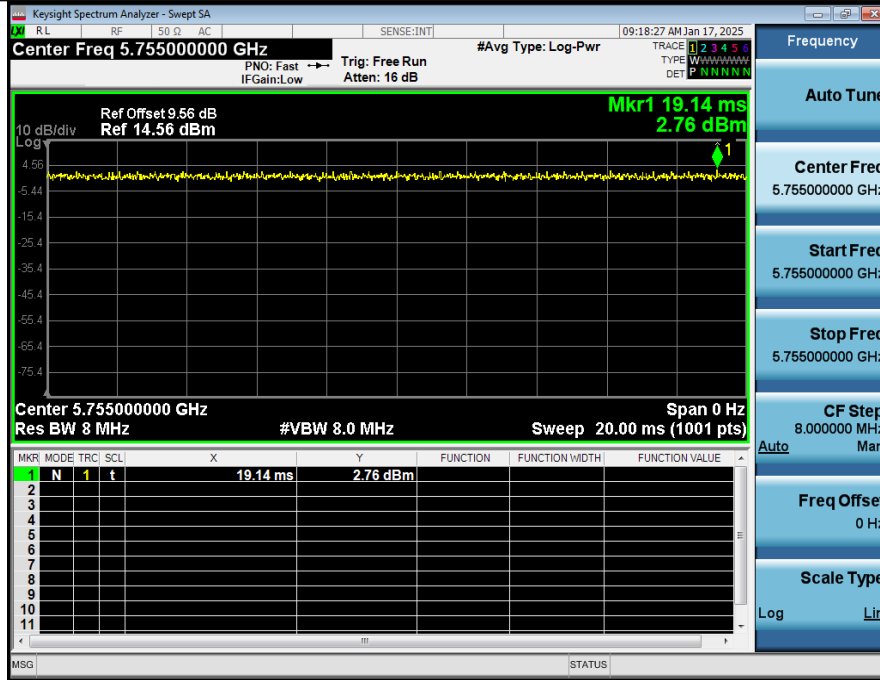
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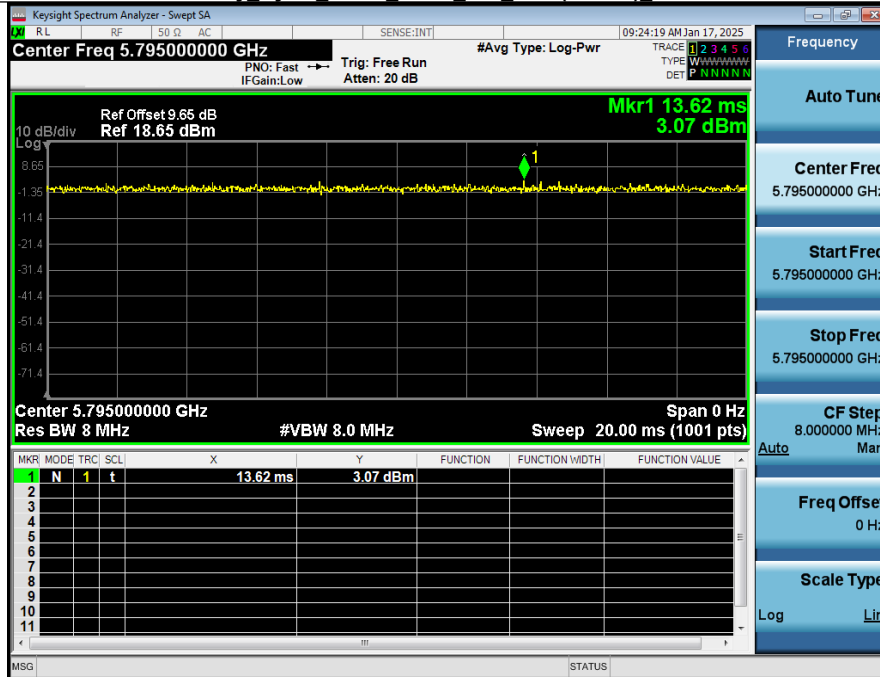
# Duty Cycle NVNT\_ANT1\_802\_11n(HT40)\_5795



# Duty Cycle NVNT\_ANT1\_802\_11ac(VHT40)\_5755

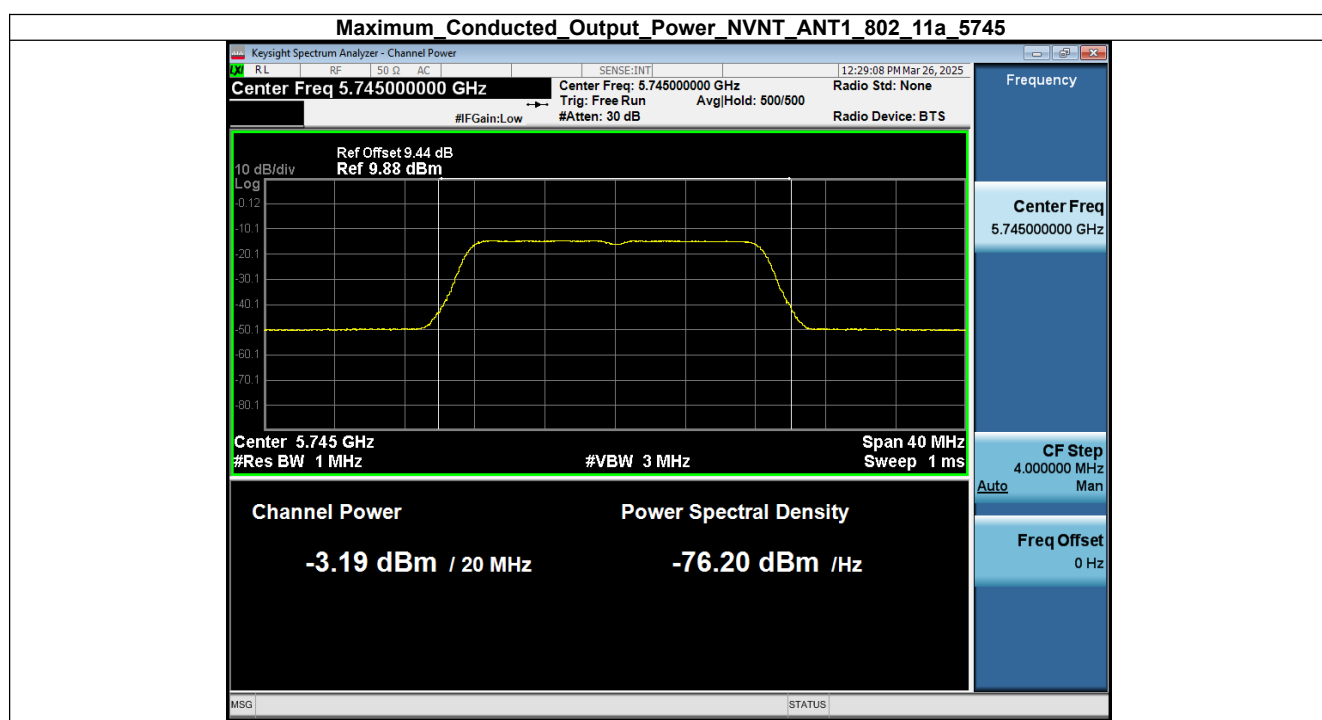


# Duty Cycle NVNT\_ANT1\_802\_11ac(VHT40)\_5795

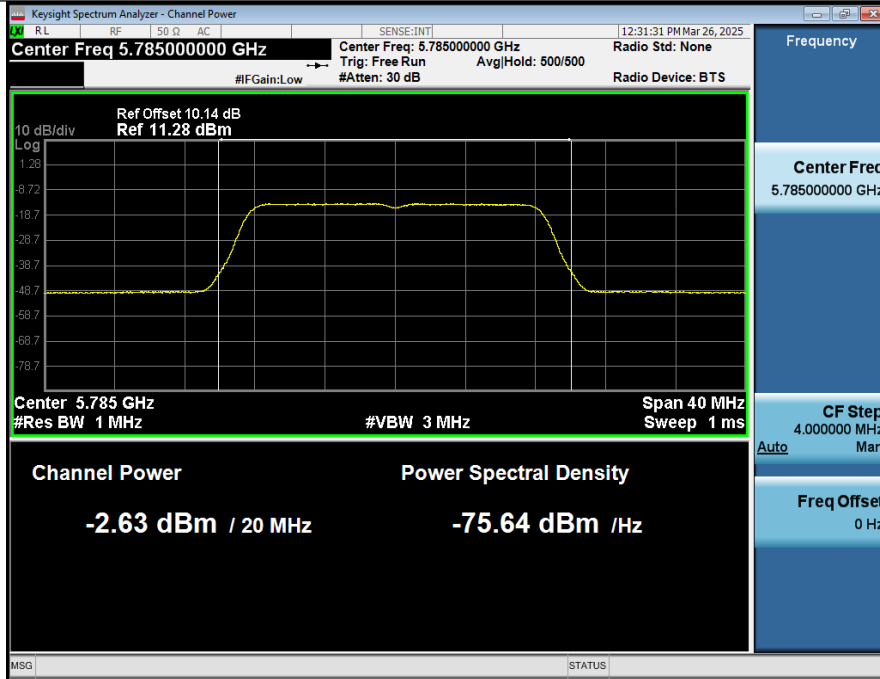


## 4. Maximum Conducted Output Power

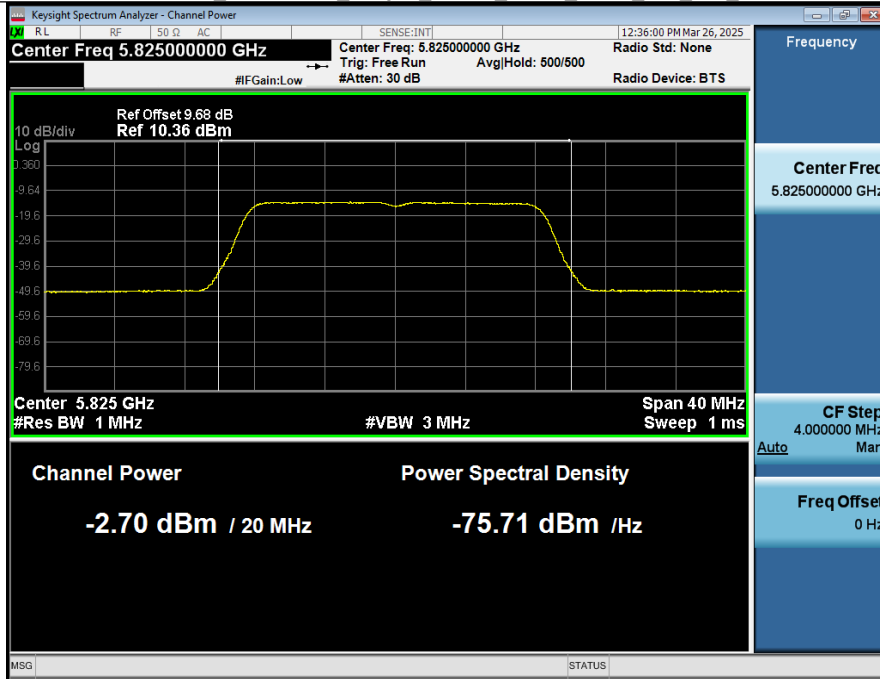
| Condition | Antenna | Modulation      | Frequency (MHz) | Conducted Power(dBm) | Duty factor(dB) | Total Power(dBm) | limit(dBm) | Result |
|-----------|---------|-----------------|-----------------|----------------------|-----------------|------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5745.00         | -3.19                | 0.00            | -3.19            | 30         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5785.00         | -2.63                | 0.00            | -2.63            | 30         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5825.00         | -2.70                | 0.00            | -2.70            | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00         | -3.40                | 0.00            | -3.40            | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00         | -2.61                | 0.00            | -2.61            | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00         | -2.92                | 0.00            | -2.92            | 30         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00         | -3.42                | 0.00            | -3.42            | 30         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00         | -2.87                | 0.00            | -2.87            | 30         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00         | -2.92                | 0.00            | -2.92            | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00         | -3.02                | 0.00            | -3.02            | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00         | -2.74                | 0.00            | -2.74            | 30         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00         | -3.06                | 0.00            | -3.06            | 30         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00         | -2.76                | 0.00            | -2.76            | 30         | Pass   |



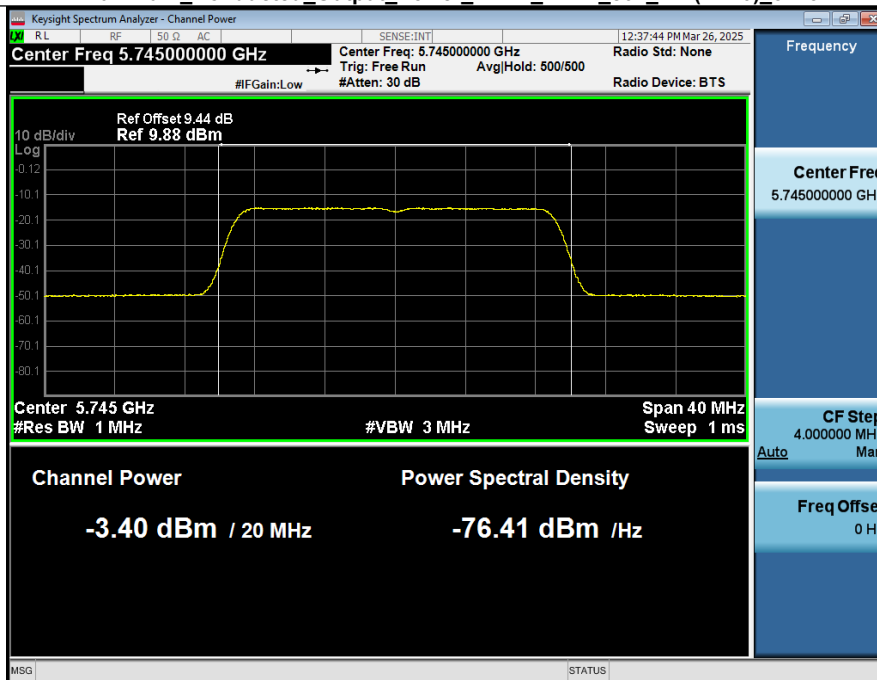
### Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11a\_5785



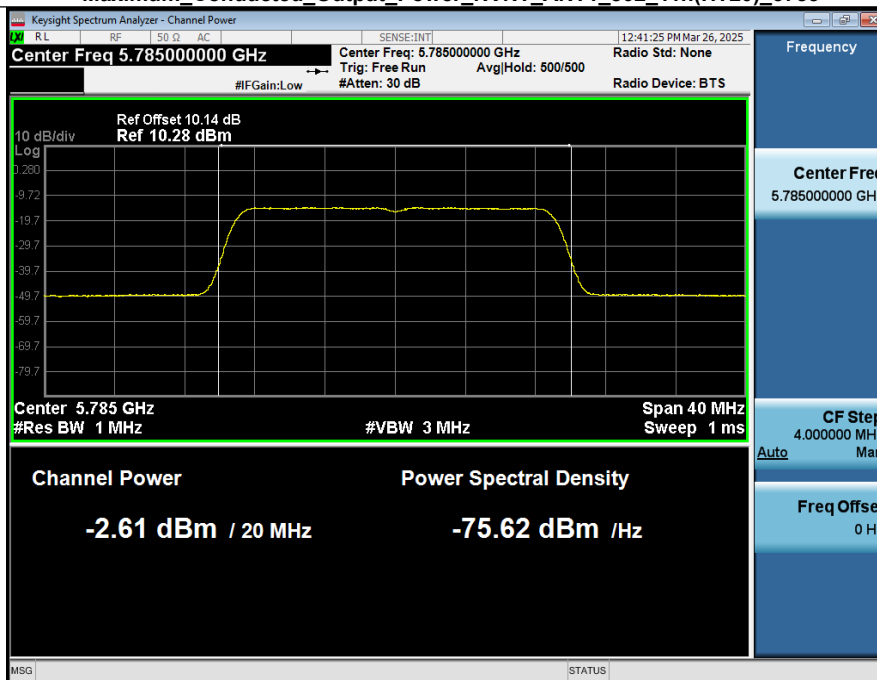
### Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11a\_5825



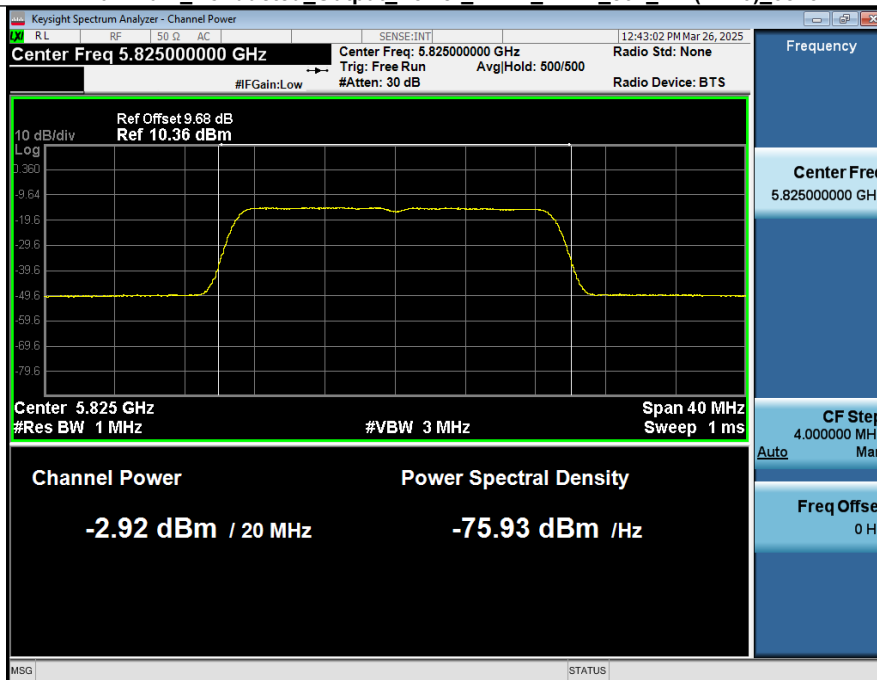
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5745



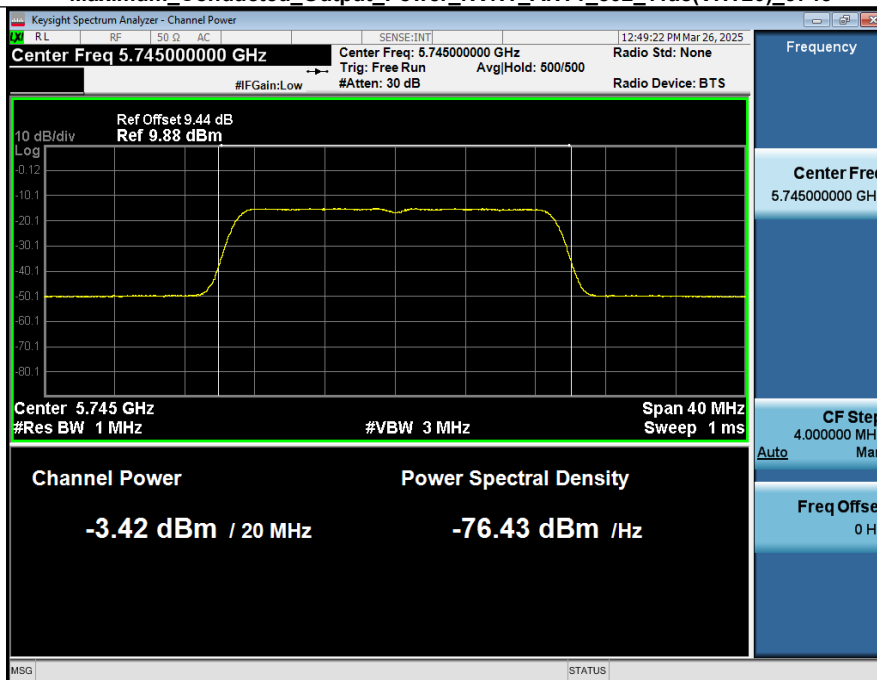
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5785



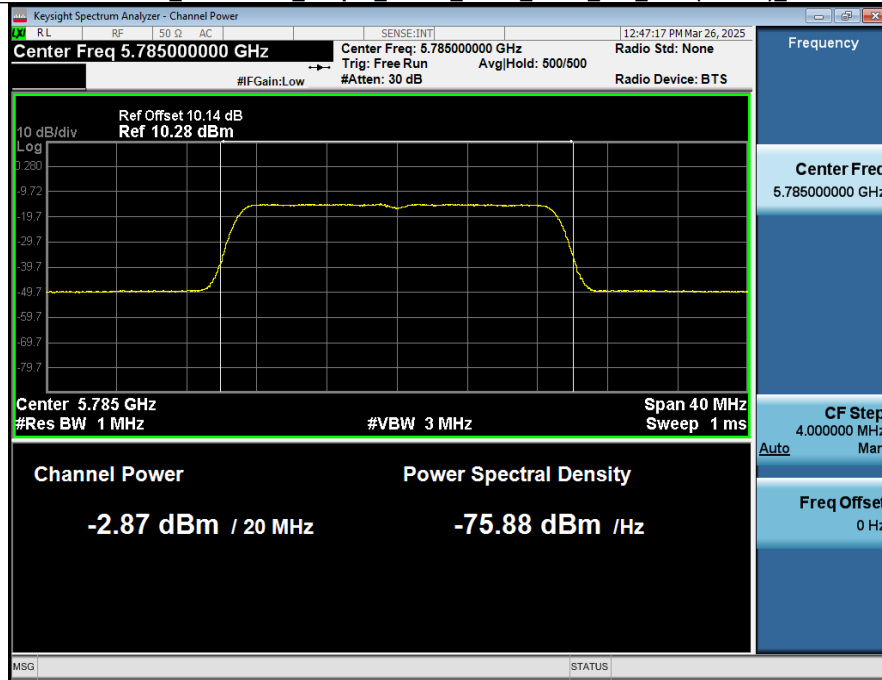
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5825



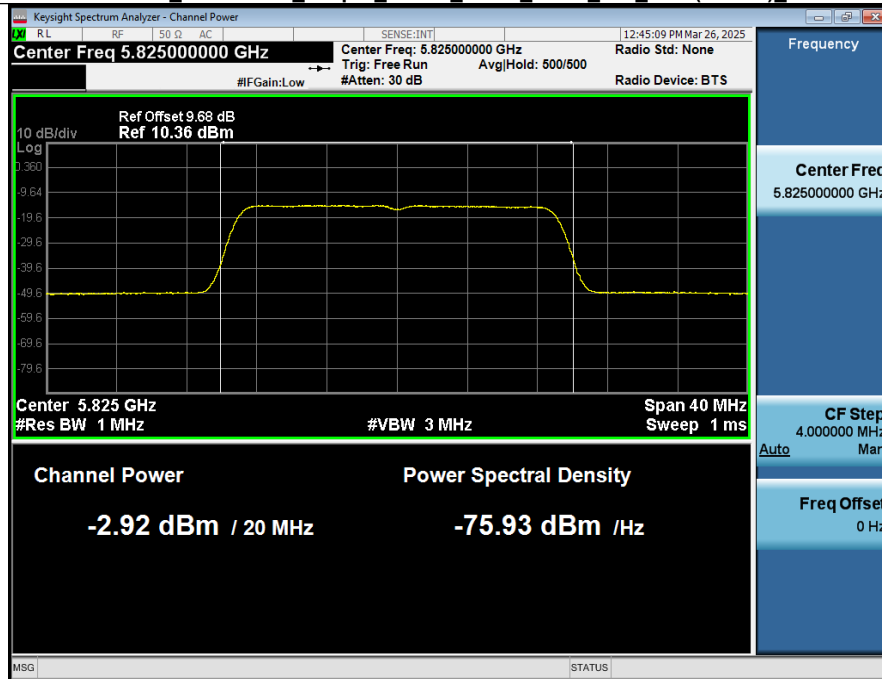
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745



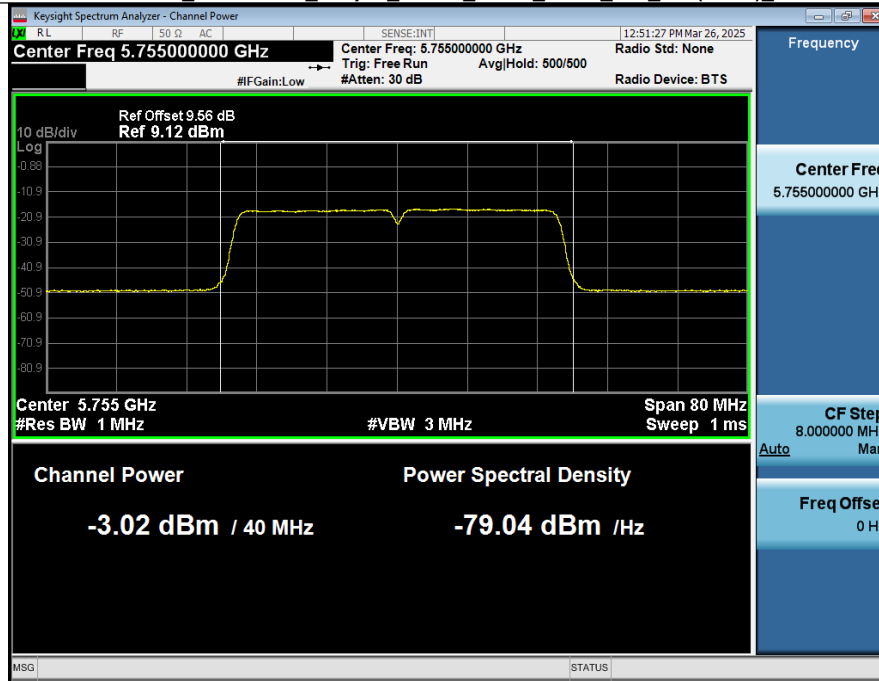
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT20)\_5785



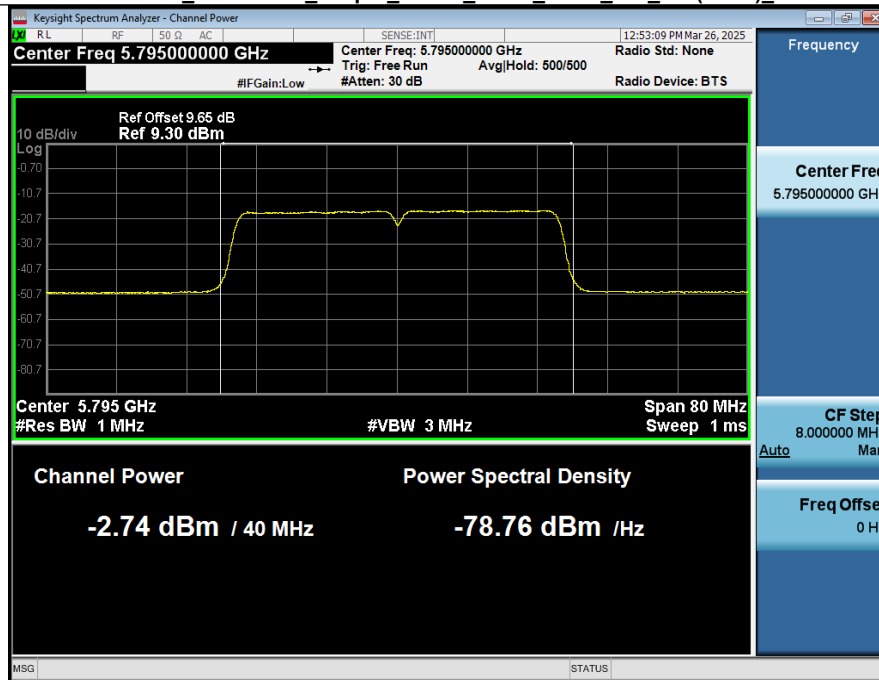
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT20)\_5825



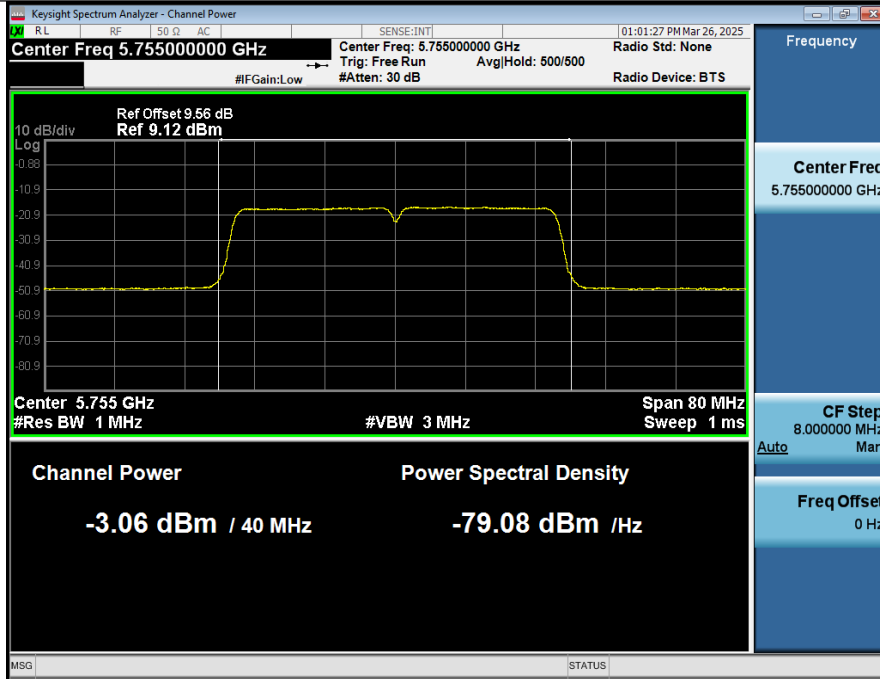
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT40)\_5755



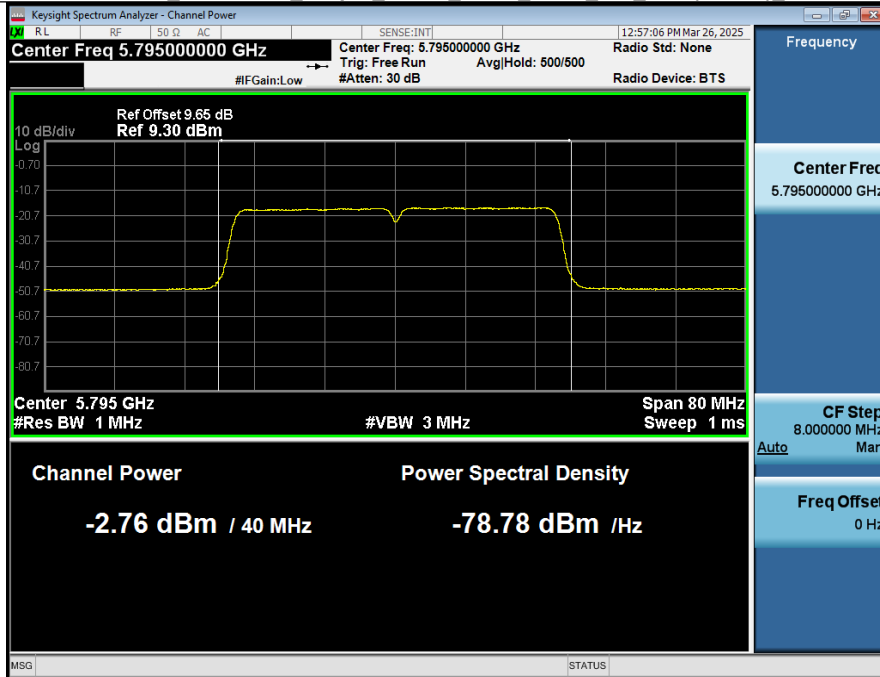
# Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT40)\_5795



Maximum Conducted Output Power\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755



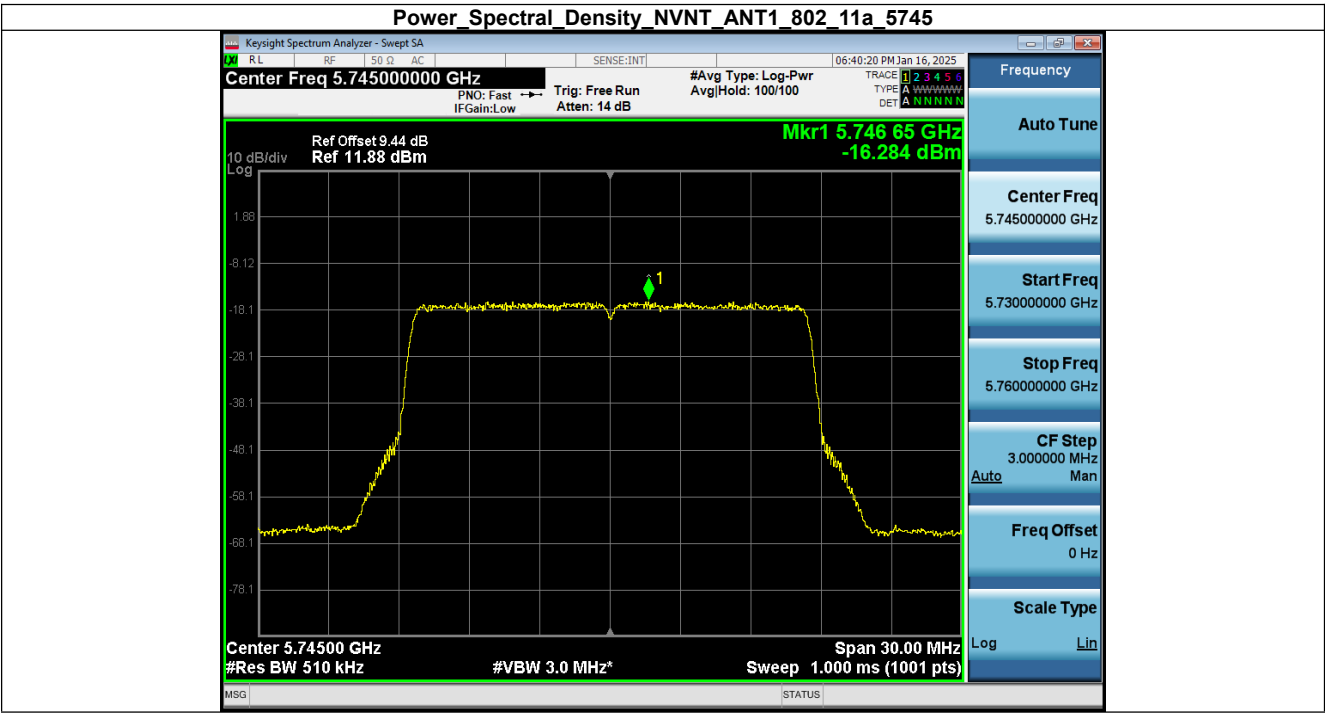
Maximum Conducted Output Power\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795



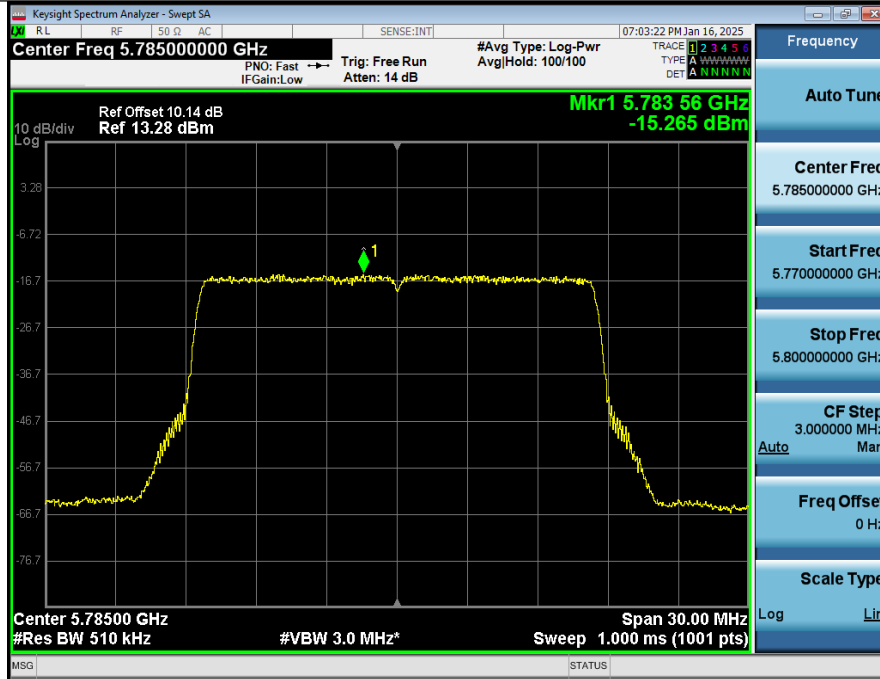
5. Power Spectral Density

| 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         | -16.28          | 0.00            | -0.09         | -16.37          | 30                | Pass   |
| NVNT      | ANT1    | 802.11a         | 5785.00         | -15.27          | 0.00            | -0.09         | -15.36          | 30                | Pass   |
| NVNT      | ANT1    | 802.11a         | 5825.00         | -14.93          | 0.00            | -0.09         | -15.02          | 30                | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00         | -15.98          | 0.00            | -0.09         | -16.07          | 30                | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00         | -16.14          | 0.00            | -0.09         | -16.23          | 30                | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00         | -16.92          | 0.00            | -0.09         | -17.01          | 30                | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00         | -15.18          | 0.00            | -0.09         | -15.27          | 30                | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00         | -16.37          | 0.00            | -0.09         | -16.46          | 30                | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00         | -16.86          | 0.00            | -0.09         | -16.95          | 30                | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00         | -19.00          | 0.00            | -0.09         | -19.09          | 30                | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00         | -19.55          | 0.00            | -0.09         | -19.64          | 30                | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00         | -19.92          | 0.00            | -0.09         | -20.01          | 30                | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00         | -19.93          | 0.00            | -0.09         | -20.02          | 30                | Pass   |

Note:PSD(dBm/500kHz)=PSD\_SA(dBm/RBW)+Duty factor(dB)+RB factor(dB)



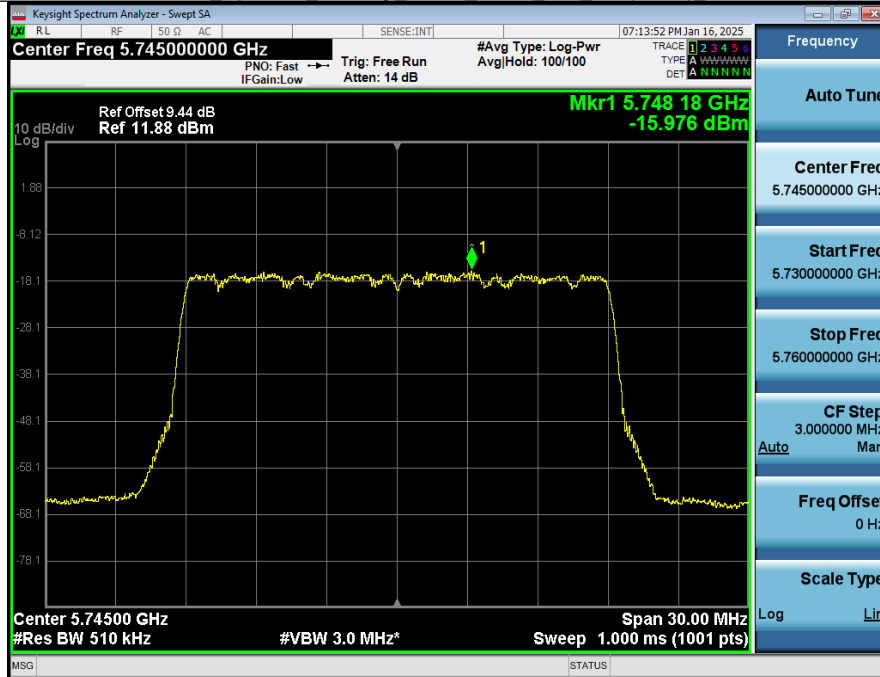
# Power Spectral Density\_NVNT\_ANT1\_802\_11a\_5785



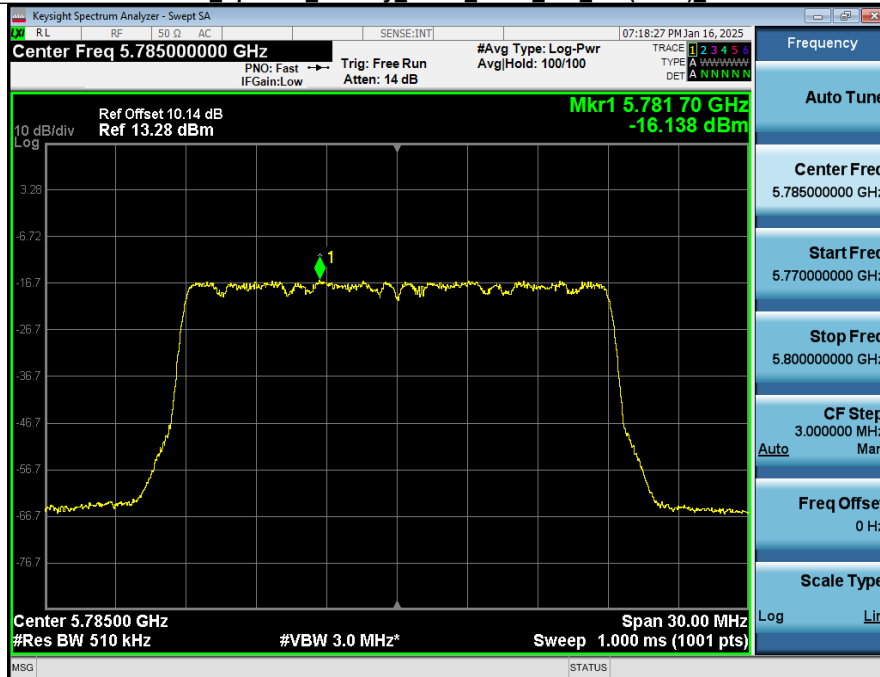
# Power Spectral Density\_NVNT\_ANT1\_802\_11a\_5825



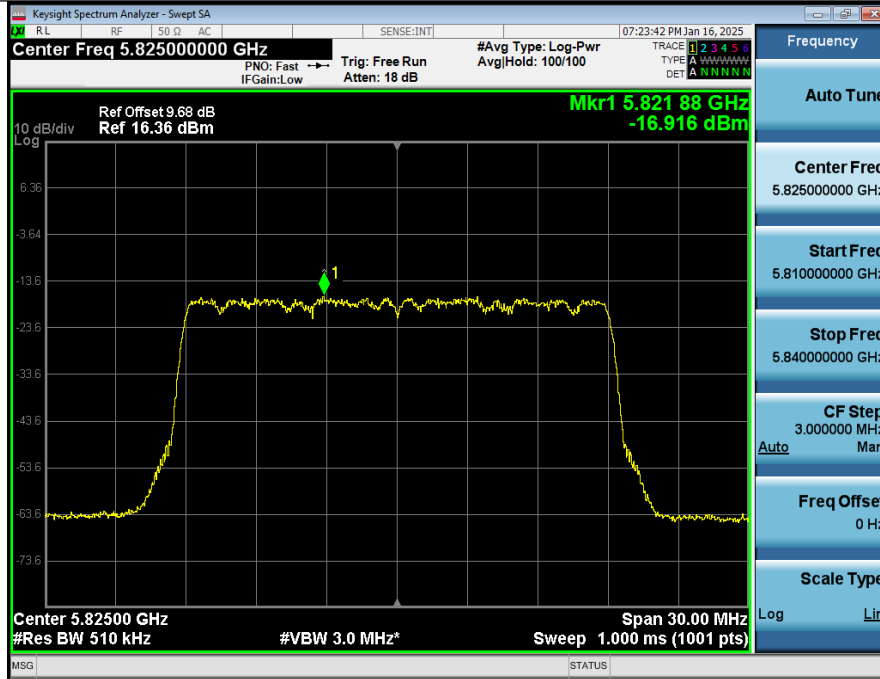
# Power Spectral Density NVNT\_ANT1\_802\_11n(HT20)\_5745



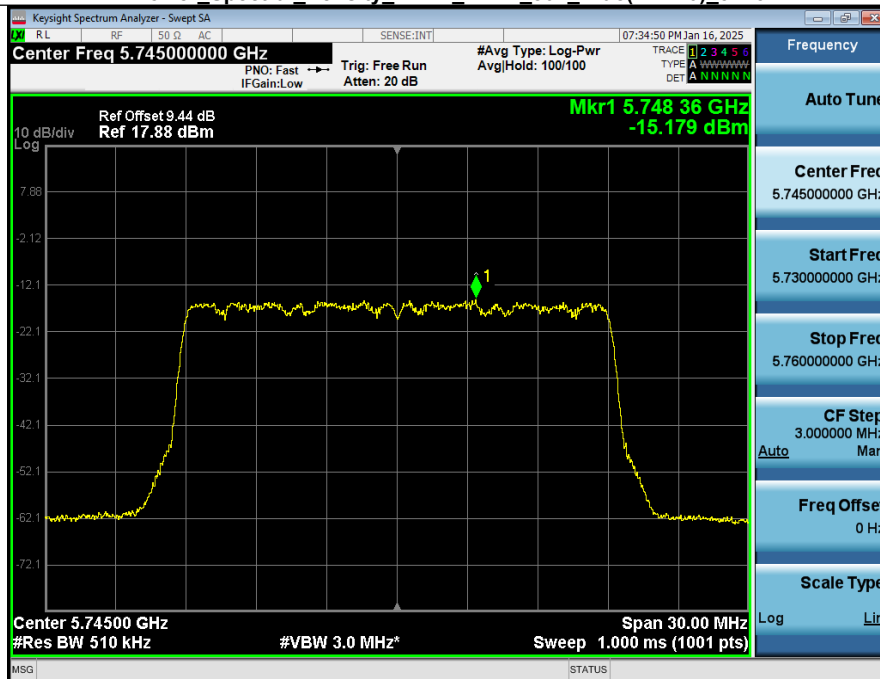
# Power Spectral Density NVNT\_ANT1\_802\_11n(HT20)\_5785

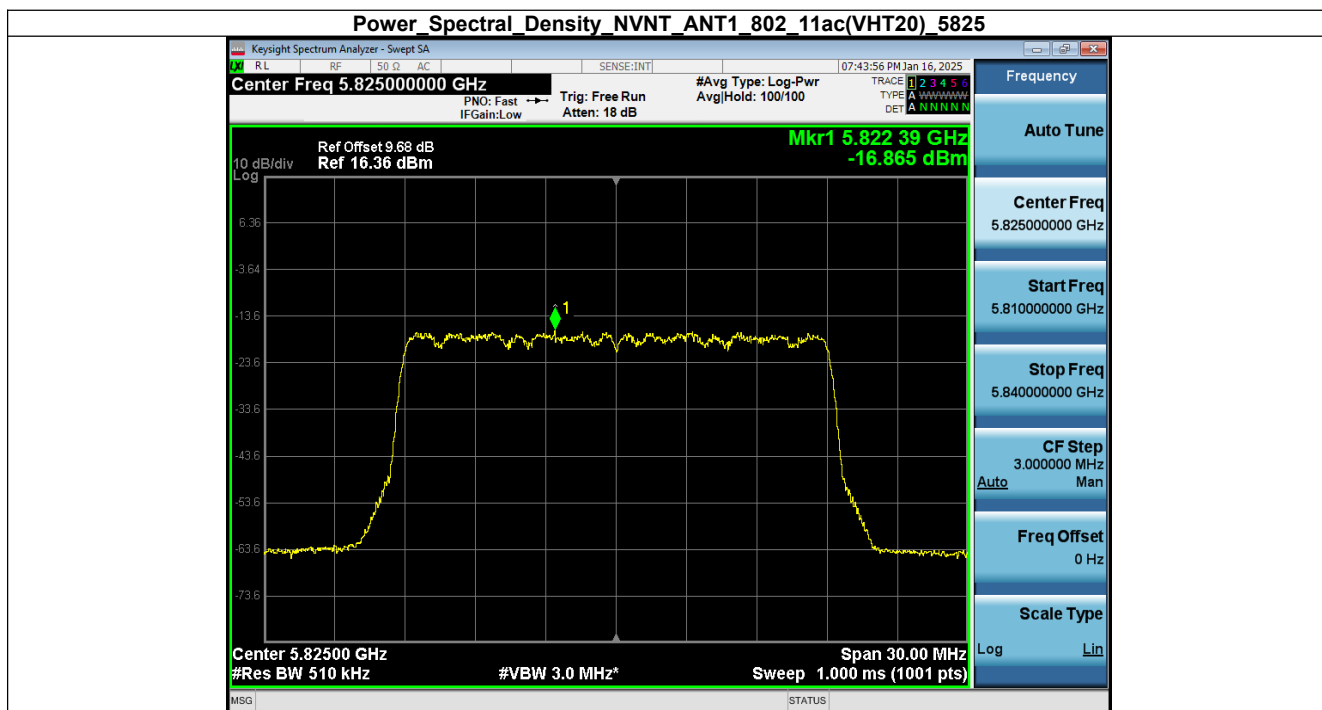
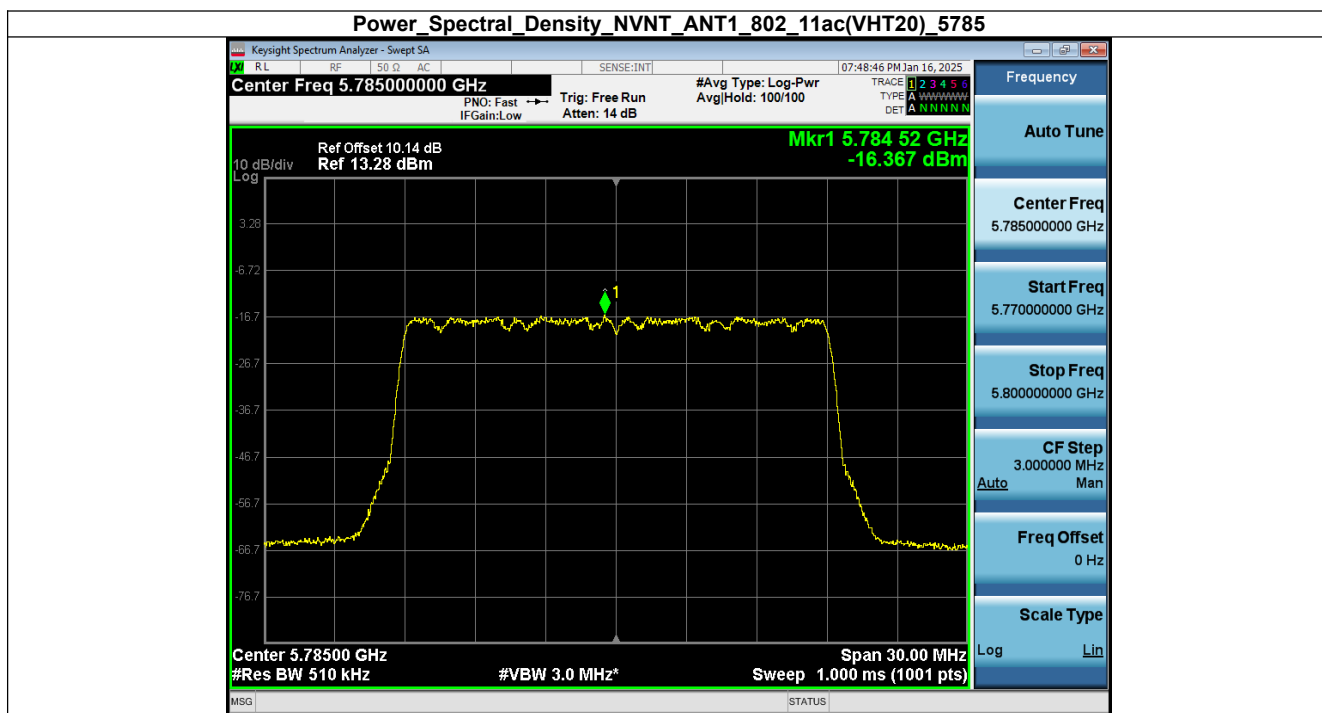


# Power Spectral Density\_NVNT\_ANT1\_802\_11n(HT20)\_5825

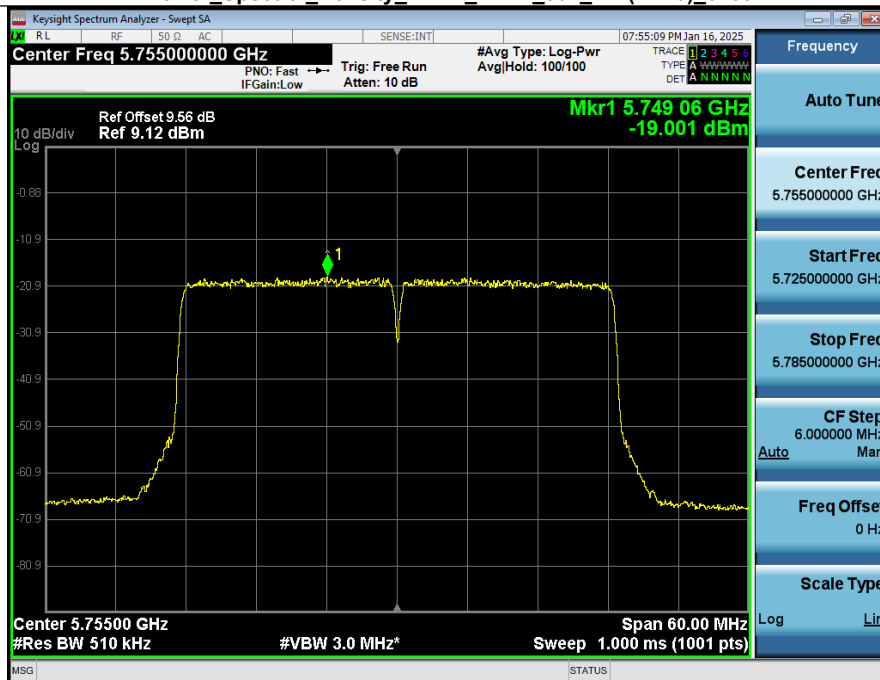


# Power Spectral Density\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745

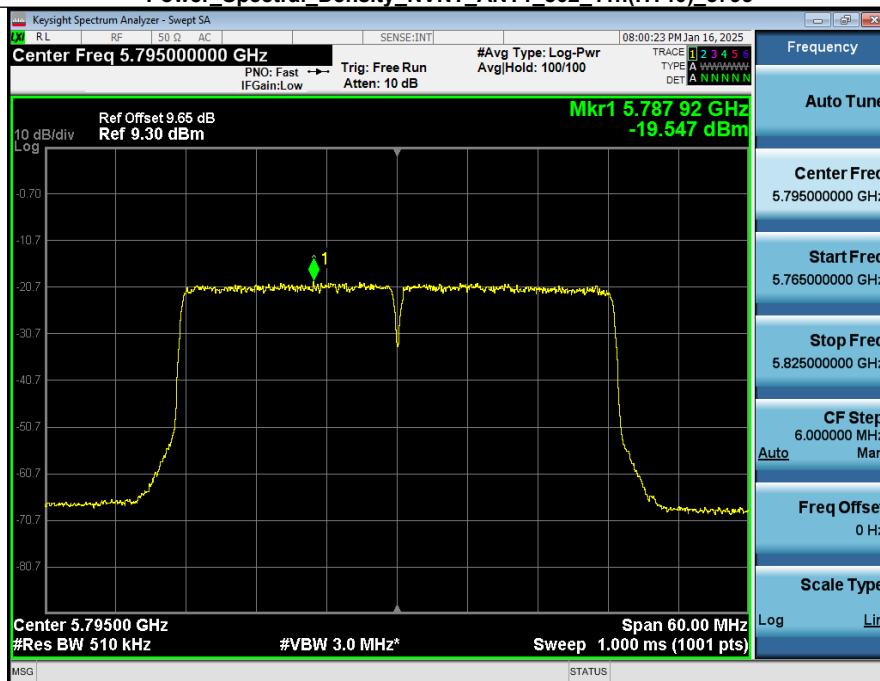


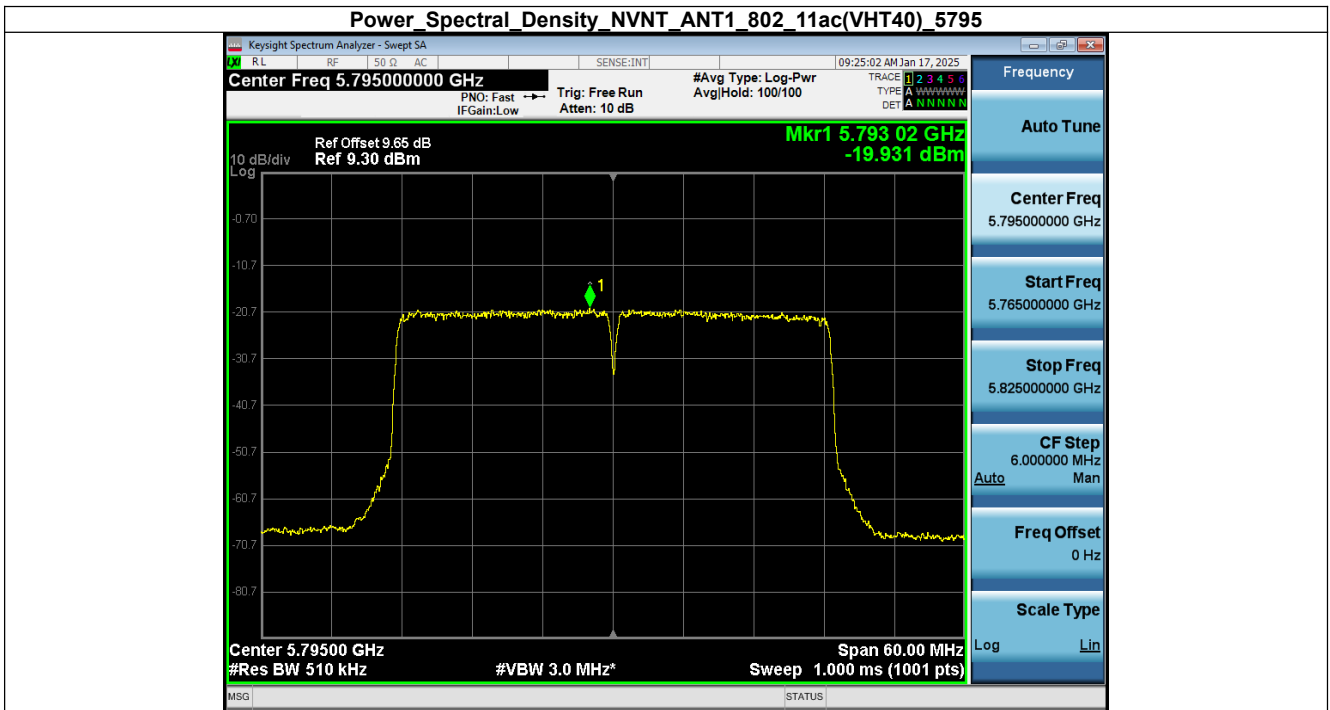
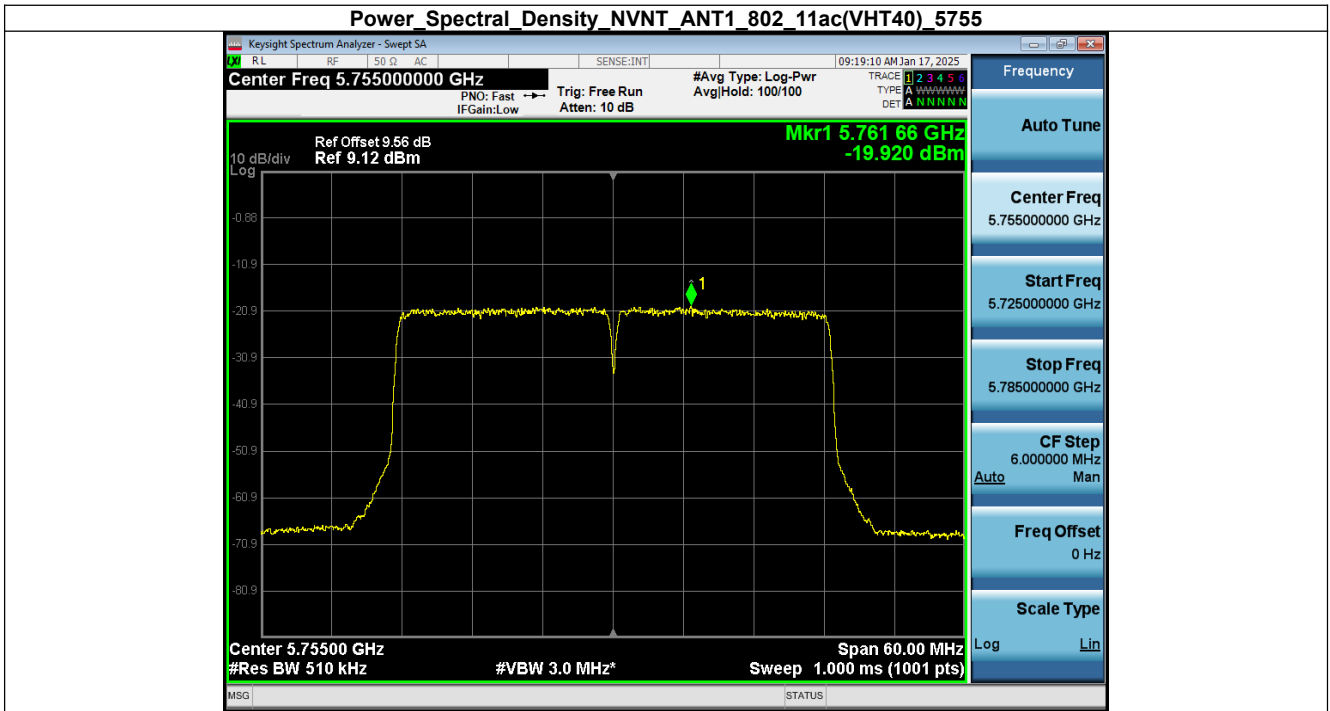


# Power Spectral Density\_NVNT\_ANT1\_802\_11n(HT40)\_5755



# Power Spectral Density\_NVNT\_ANT1\_802\_11n(HT40)\_5795



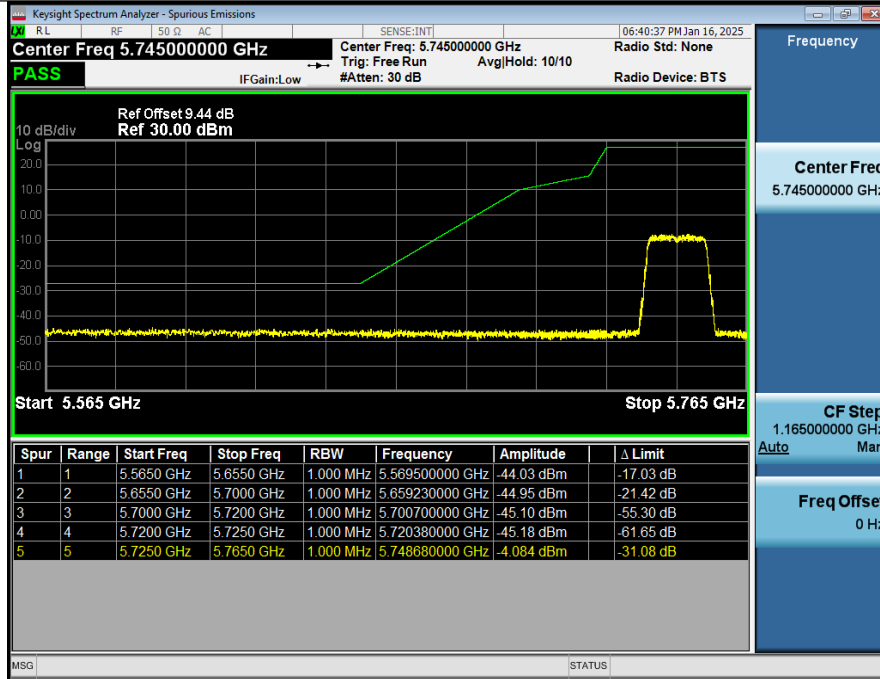


## 6. Bandedge

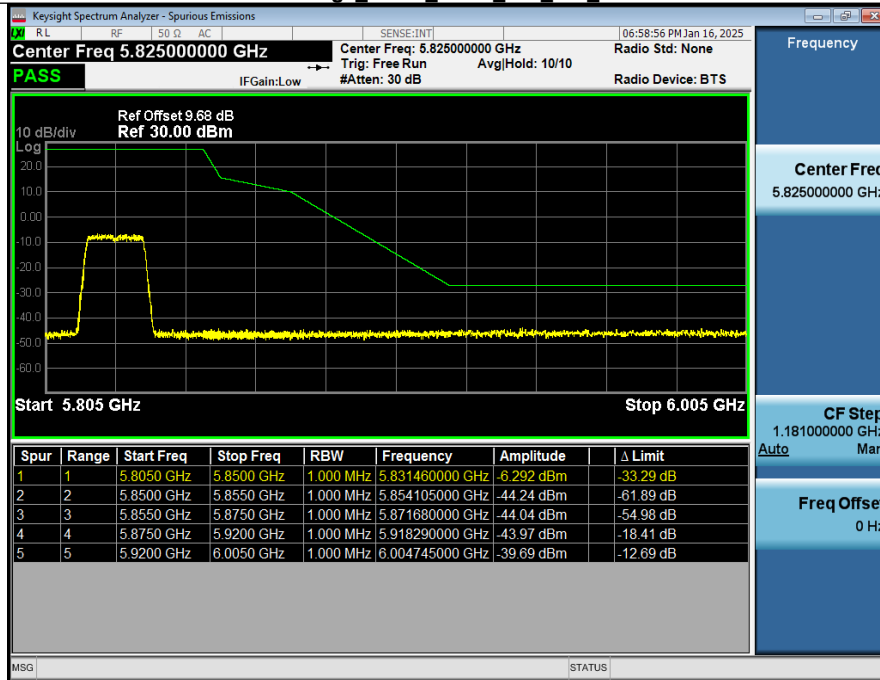
| Condition | Antenna | Modulation      | TX_Frequency (MHz) | Frequency Area(MHz) | Frequency(MHz) | Amplitude(dBm) | Limit(dBm) | Result |
|-----------|---------|-----------------|--------------------|---------------------|----------------|----------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | LCH                | 5565-5655           | 5569.500       | -44.03         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                | 5655-5700           | 5659.230       | -44.95         | -23.52     | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                | 5700-5720           | 5700.700       | -45.10         | 10.20      | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                | 5720-5725           | 5720.380       | -45.18         | 16.47      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                | 5850-5855           | 5854.105       | -44.24         | 17.64      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                | 5855-5875           | 5871.680       | -44.04         | 10.93      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                | 5875-5920           | 5918.290       | -43.97         | -25.59     | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                | 5920-6005           | 6004.745       | -39.69         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                | 5565-5655           | 5594.160       | -44.33         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                | 5655-5700           | 5662.965       | -45.03         | -20.45     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                | 5700-5720           | 5702.920       | -44.85         | 10.82      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                | 5720-5725           | 5720.105       | -45.44         | 15.84      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                | 5850-5855           | 5854.805       | -44.22         | 16.04      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                | 5855-5875           | 5874.940       | -44.57         | 10.02      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                | 5875-5920           | 5916.265       | -44.62         | -23.93     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                | 5920-6005           | 5952.385       | -40.20         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                | 5565-5655           | 5623.320       | -43.84         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                | 5655-5700           | 5655.990       | -44.98         | -26.19     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                | 5700-5720           | 5702.020       | -45.32         | 10.57      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                | 5720-5725           | 5720.005       | -44.99         | 15.61      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                | 5850-5855           | 5853.900       | -44.35         | 18.11      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                | 5855-5875           | 5874.580       | -44.72         | 10.12      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                | 5875-5920           | 5919.775       | -44.52         | -26.81     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                | 5920-6005           | 5976.440       | -39.14         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                | 5595-5655           | 5630.400       | -44.03         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                | 5655-5700           | 5655.675       | -45.00         | -26.44     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                | 5700-5720           | 5700.420       | -45.03         | 10.12      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                | 5720-5725           | 5720.070       | -45.01         | 15.76      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | HCH                | 5850-5855           | 5854.505       | -44.79         | 16.73      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | HCH                | 5855-5875           | 5873.060       | -44.23         | 10.54      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | HCH                | 5875-5920           | 5918.380       | -43.91         | -25.67     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | HCH                | 5920-5955           | 5928.785       | -40.42         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | LCH                | 5595-5655           | 5606.880       | -44.66         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | LCH                | 5655-5700           | 5660.805       | -45.76         | -22.23     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | LCH                | 5700-5720           | 5700.460       | -45.54         | 10.13      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | LCH                | 5720-5725           | 5721.510       | -45.98         | 19.04      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | HCH                | 5850-5855           | 5854.465       | -44.95         | 16.82      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | HCH                | 5855-5875           | 5873.680       | -45.18         | 10.37      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | HCH                | 5875-5920           | 5916.085       | -44.34         | -23.78     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | HCH                | 5920-5955           | 5943.695       | -40.05         | -27.00     | Pass   |

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

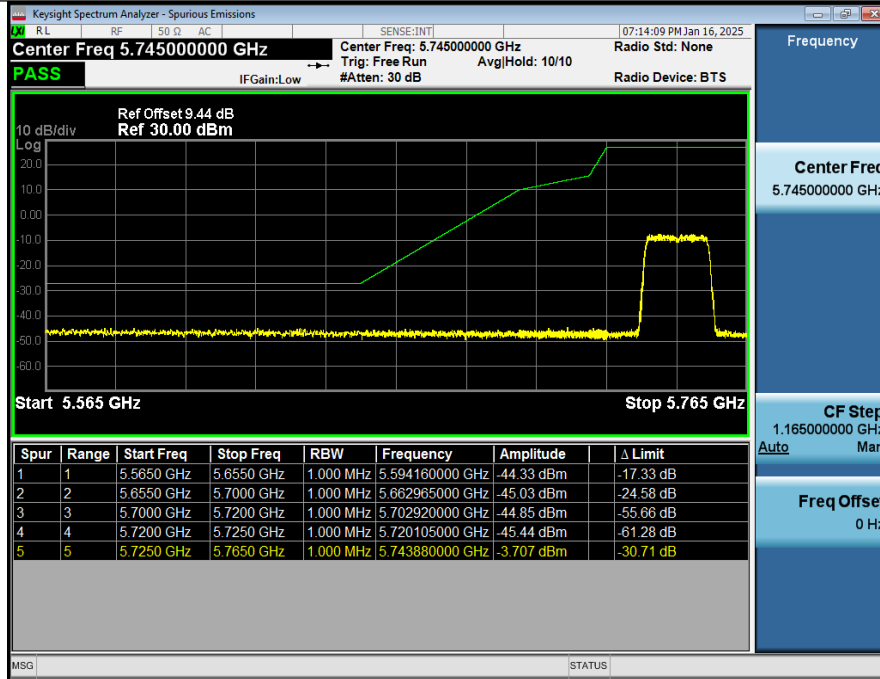
# Bandedge\_NVNT\_ANT1\_802\_11a\_5745



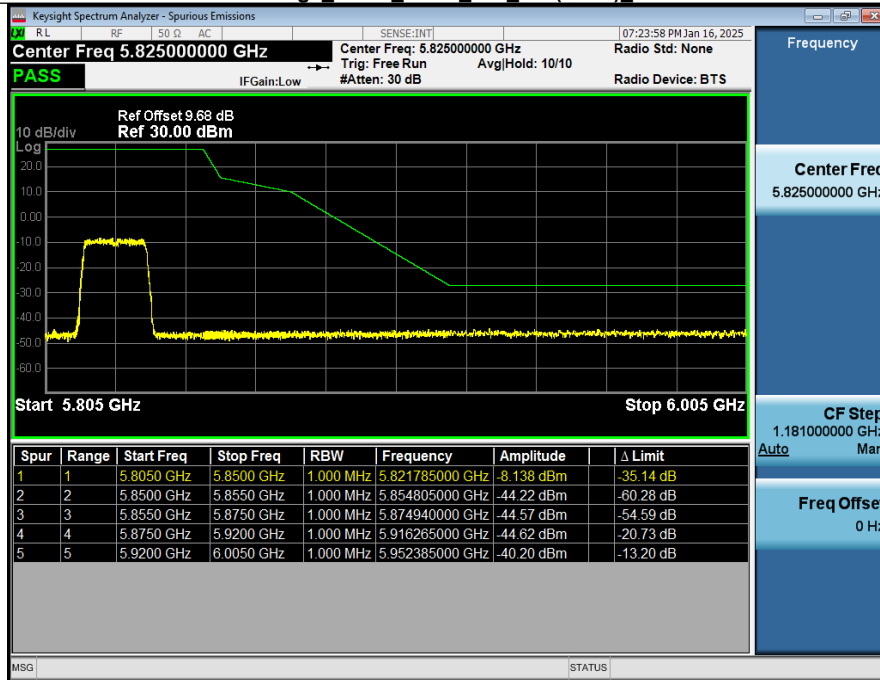
# Bandedge\_NVNT\_ANT1\_802\_11a\_5825



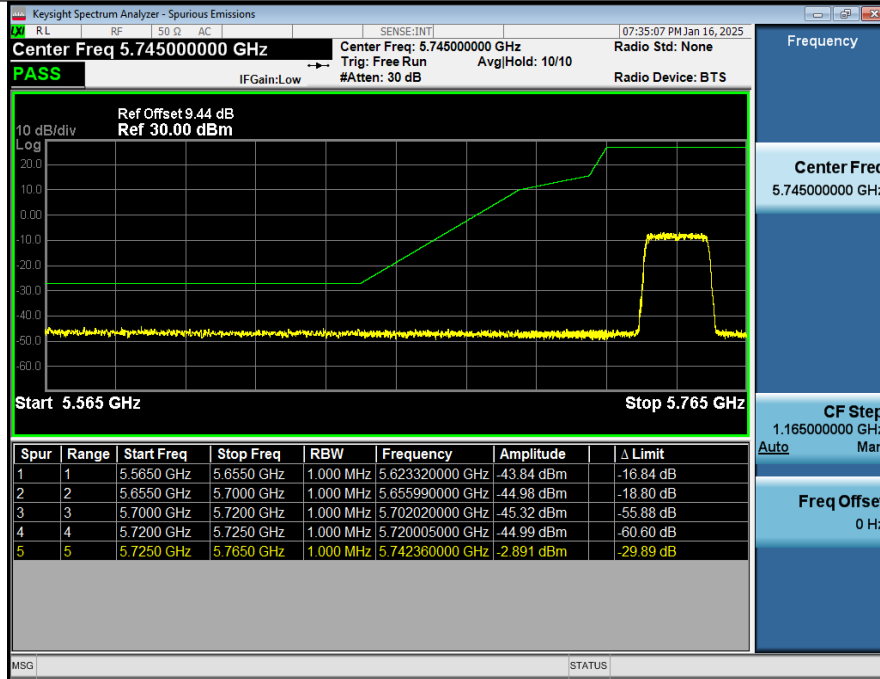
### Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5745



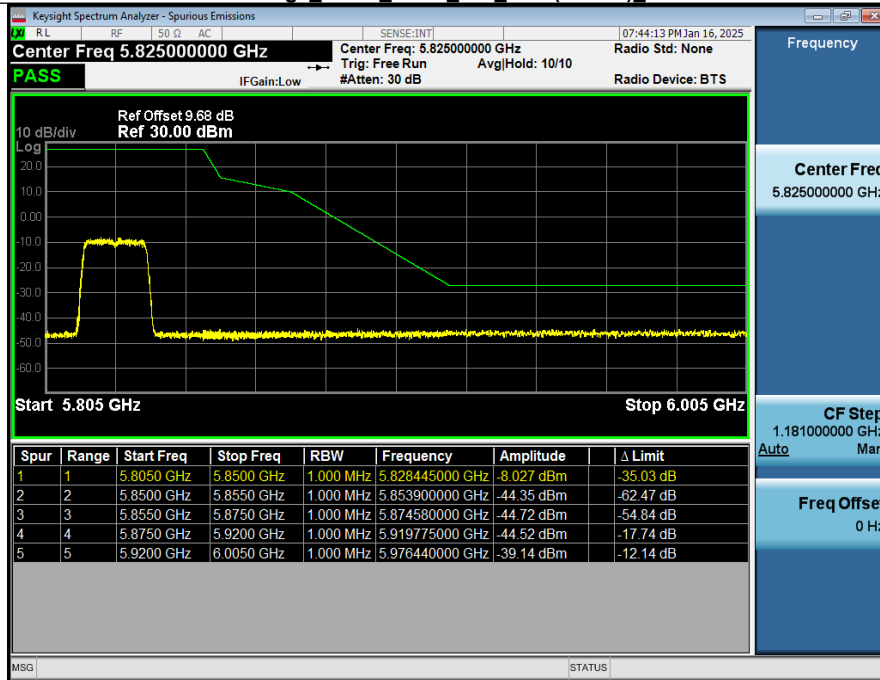
### Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5825



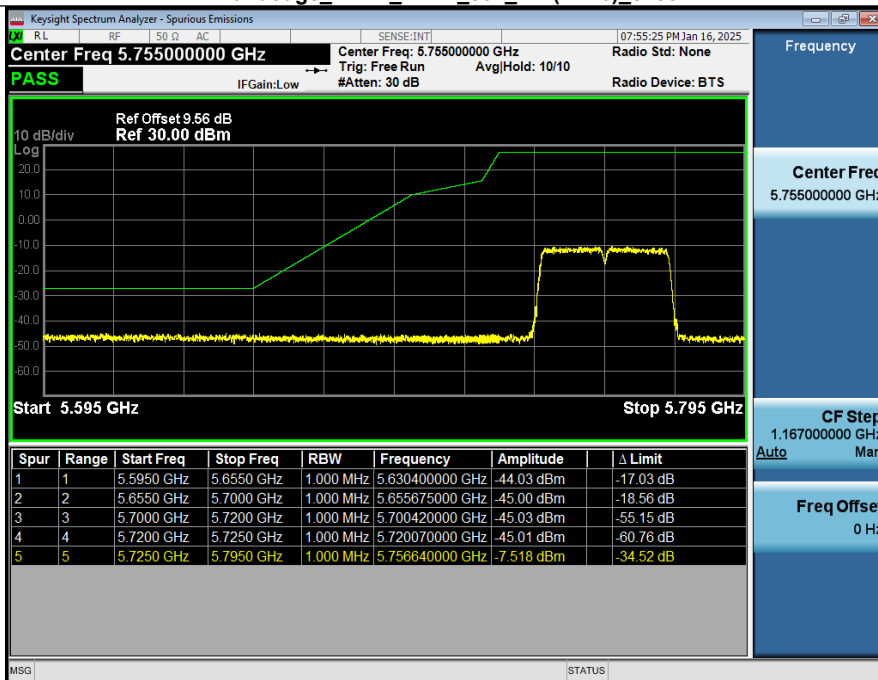
### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745



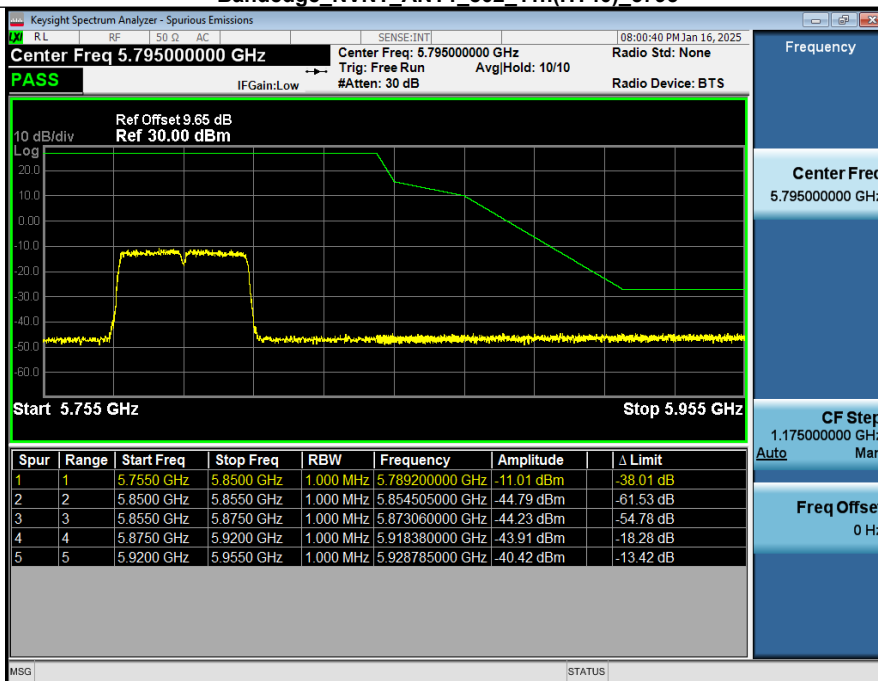
### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5825



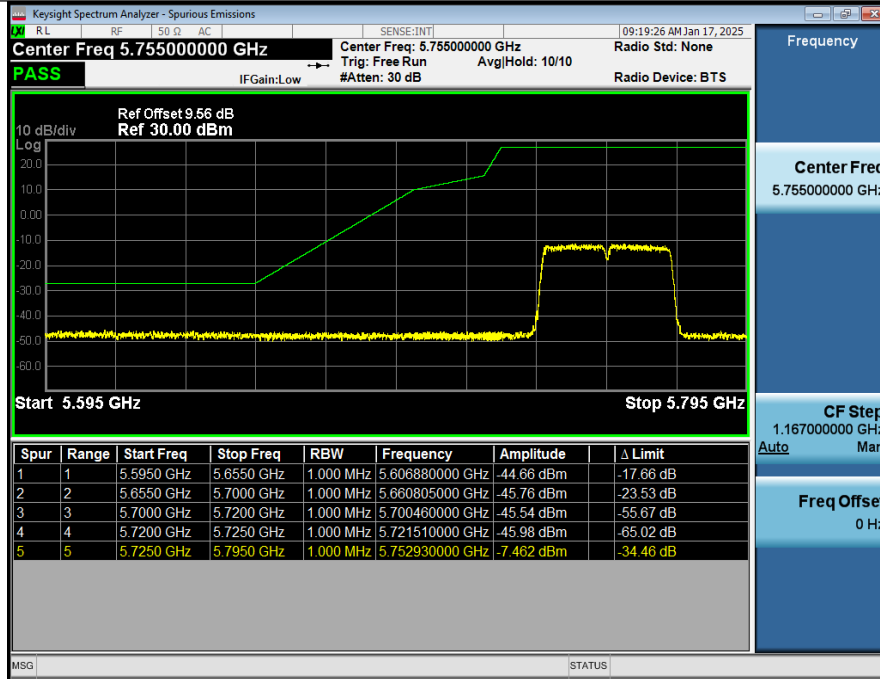
# Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5755



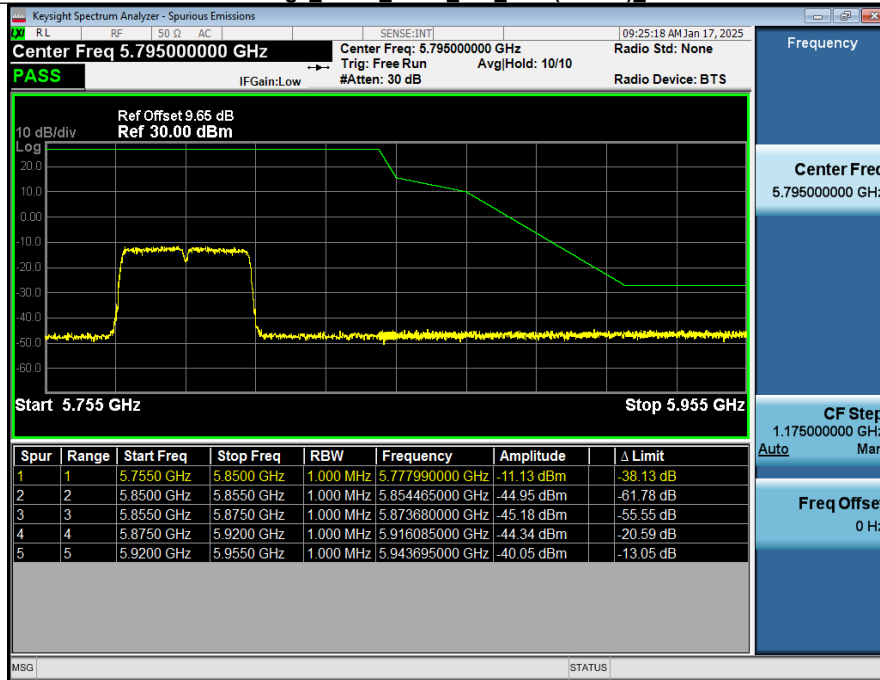
# Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5795



### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755



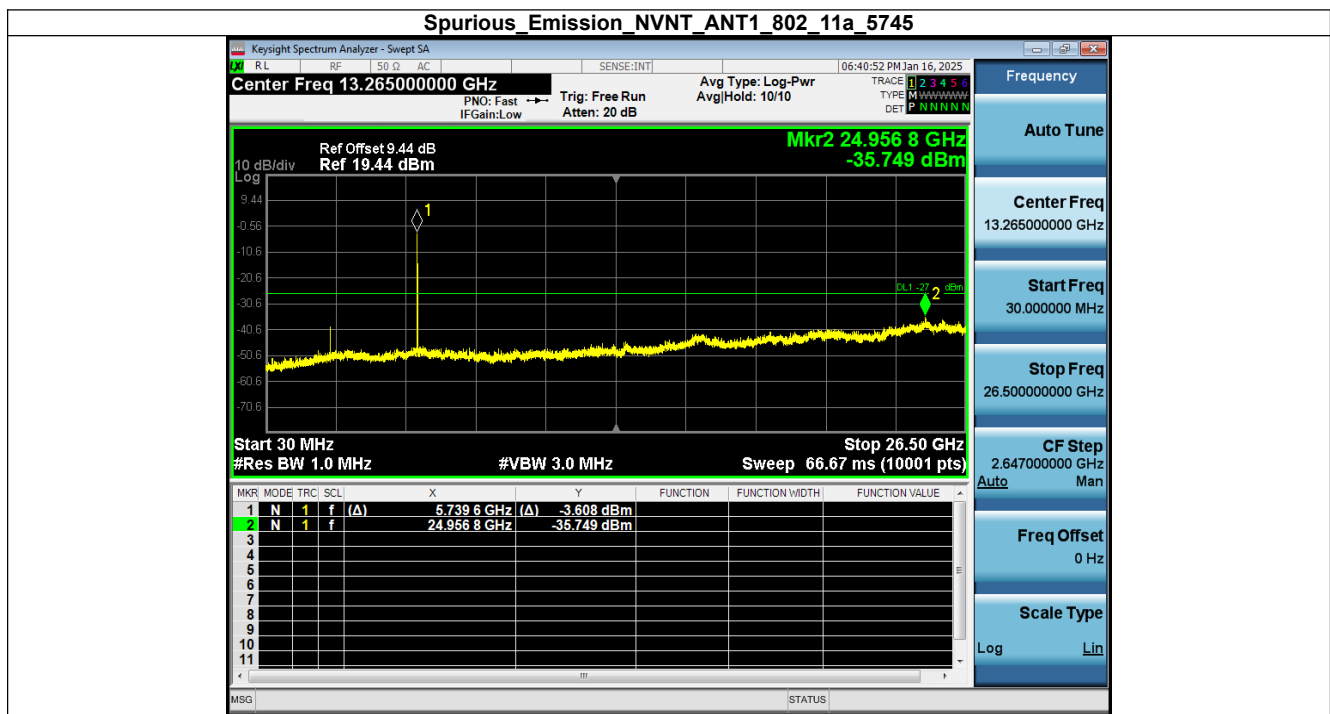
### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795



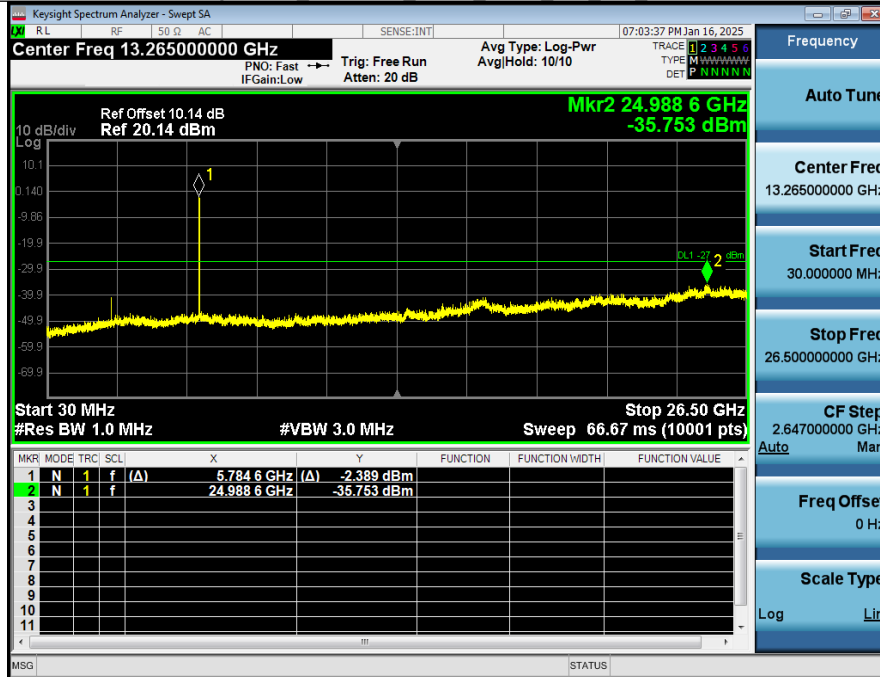
# 7. Spurious Emission

| Condition | Antenna | Modulation      | TX_Frequency (MHz) | Max. Mark Frequency(MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-----------------|--------------------|--------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5745.00            | 24956.80                 | -35.75              | -27        | Pass   |
| NVNT      | ANT1    | 802.11a         | 5785.00            | 24988.56                 | -35.75              | -27        | Pass   |
| NVNT      | ANT1    | 802.11a         | 5825.00            | 24959.45                 | -36.59              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5745.00            | 24943.56                 | -36.80              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5785.00            | 24983.27                 | -35.89              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5825.00            | 25062.68                 | -36.35              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5745.00            | 24932.98                 | -36.78              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5785.00            | 911.45                   | -34.05              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5825.00            | 24940.92                 | -35.75              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5755.00            | 25631.78                 | -36.86              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5795.00            | 25862.07                 | -36.21              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5755.00            | 26275.01                 | -37.96              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5795.00            | 25597.37                 | -37.30              | -27        | Pass   |

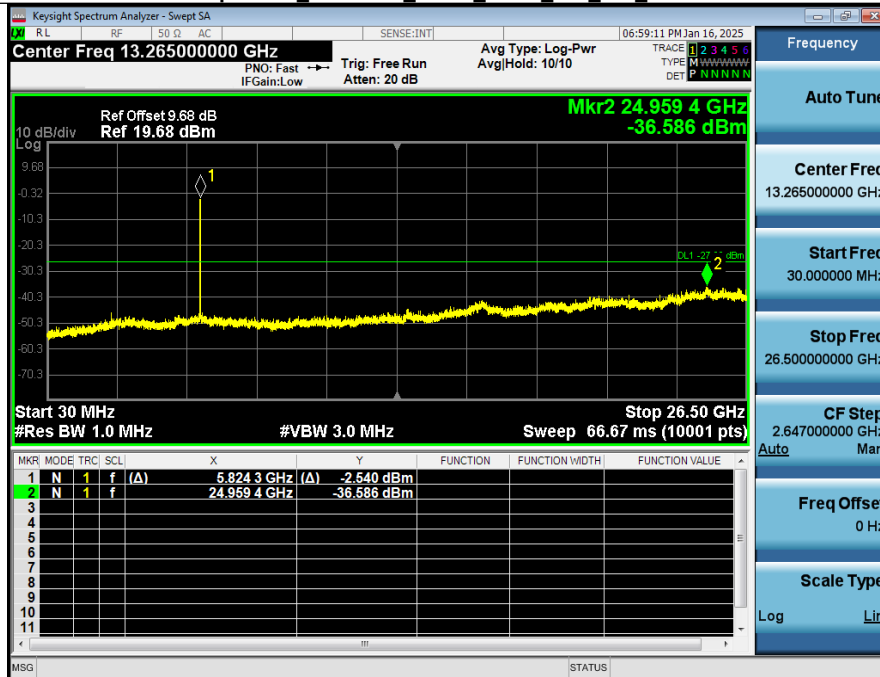
Note:1. The antenna gain is compensated in the test data.  
2. 26.5GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz



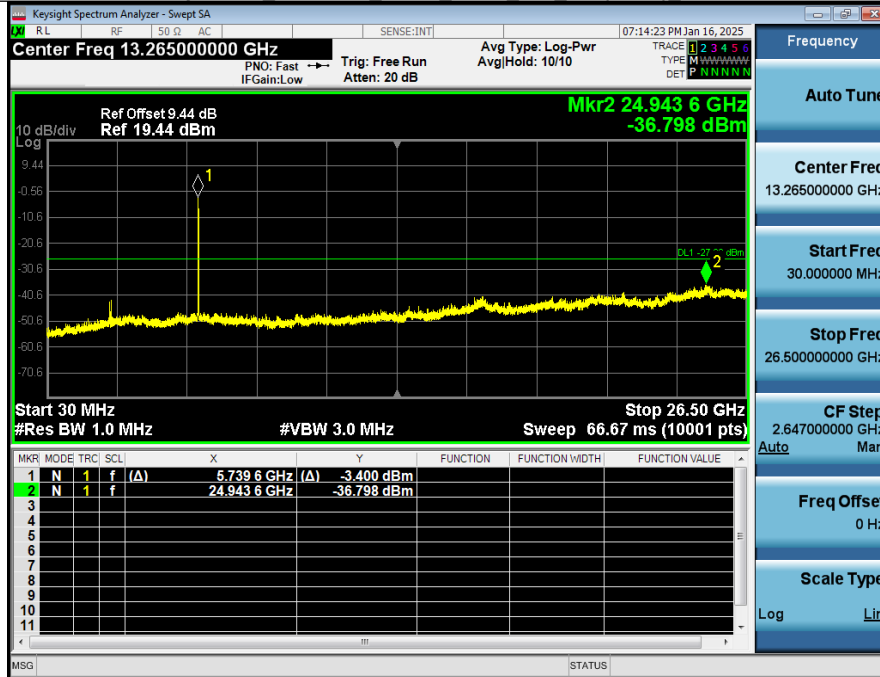
### Spurious Emission\_NVNT\_ANT1\_802\_11a\_5785



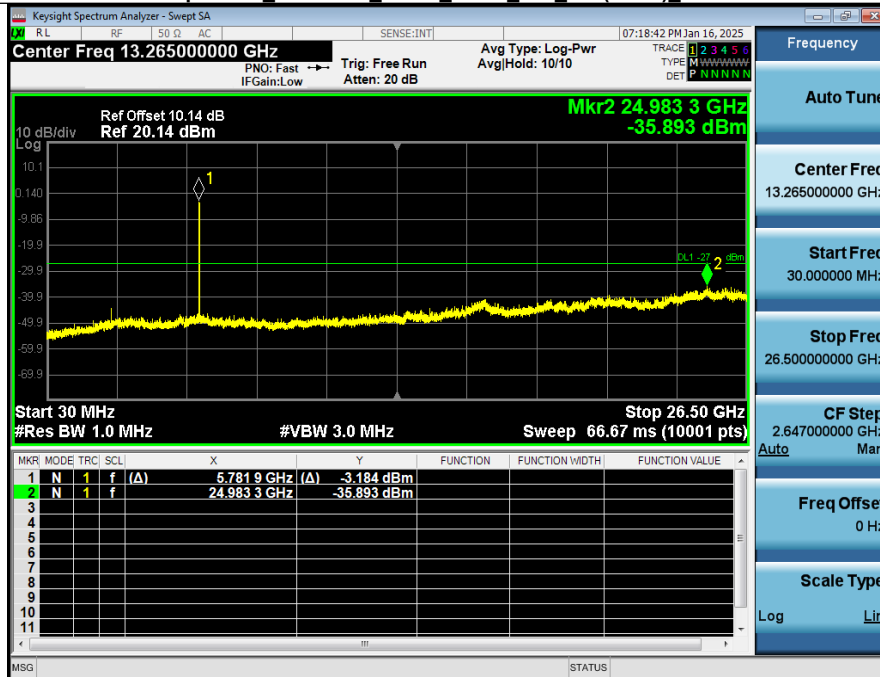
### Spurious Emission\_NVNT\_ANT1\_802\_11a\_5825



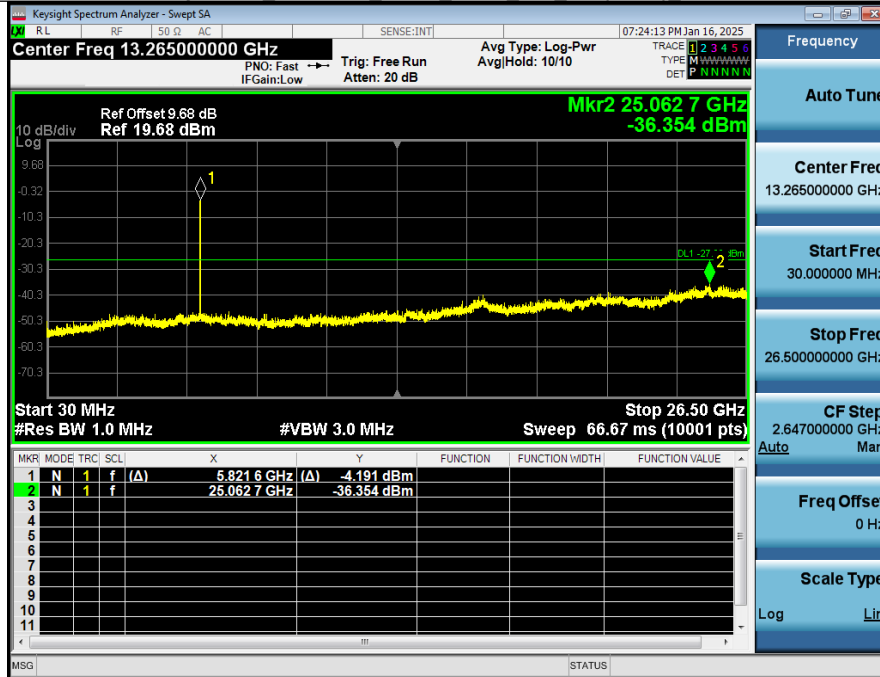
### Spurious Emission NVNT\_ANT1\_802\_11n(HT20)\_5745



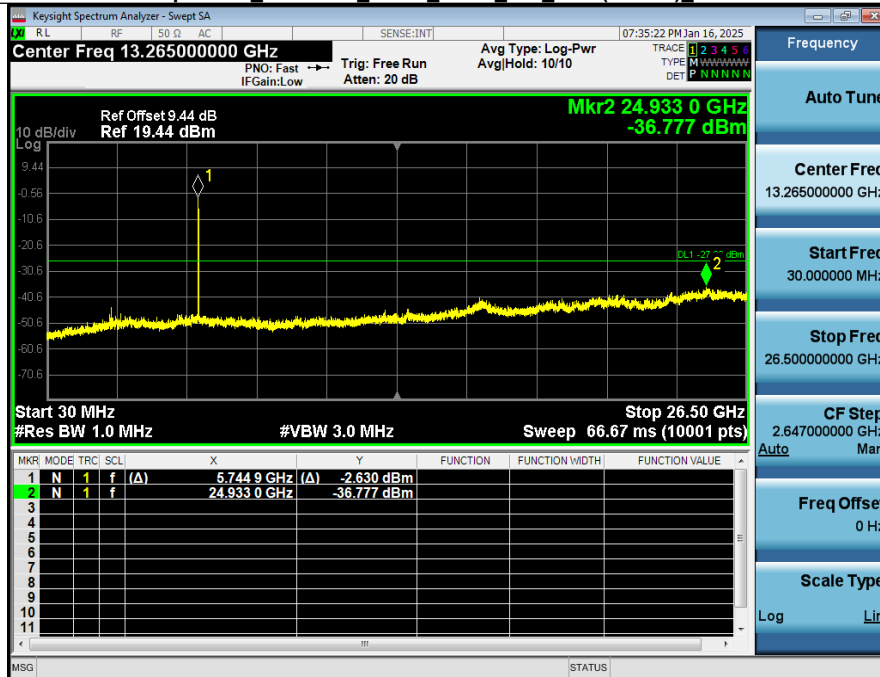
### Spurious Emission NVNT\_ANT1\_802\_11n(HT20)\_5785



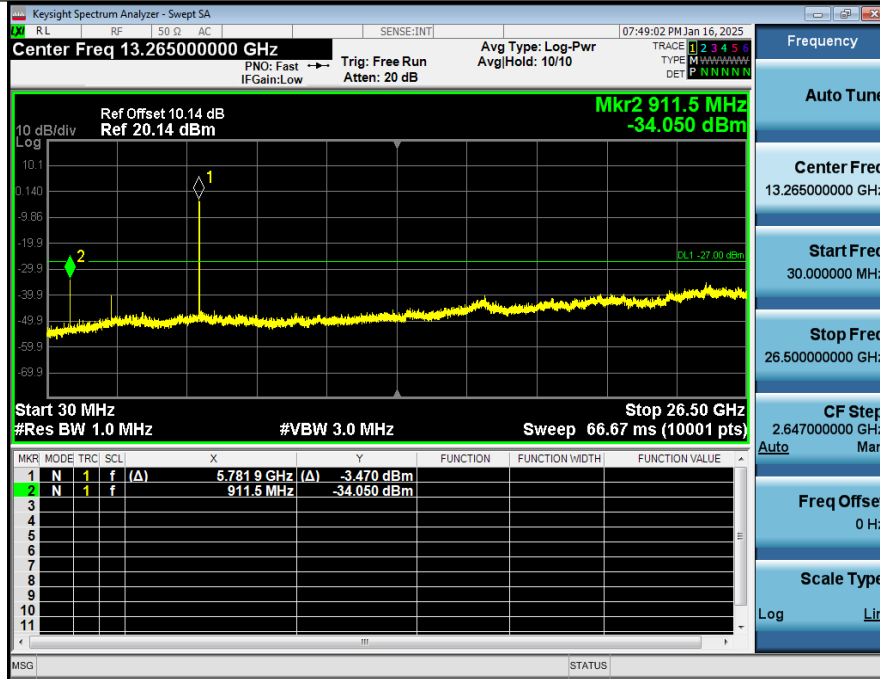
### Spurious Emission NVNT\_ANT1\_802\_11n(HT20)\_5825



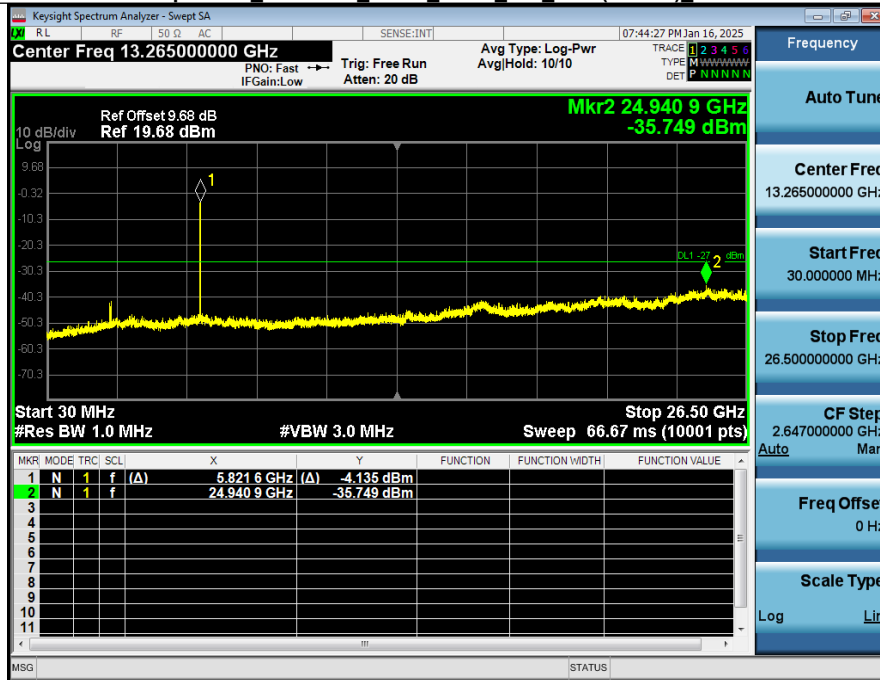
### Spurious Emission NVNT\_ANT1\_802\_11ac(VHT20)\_5745



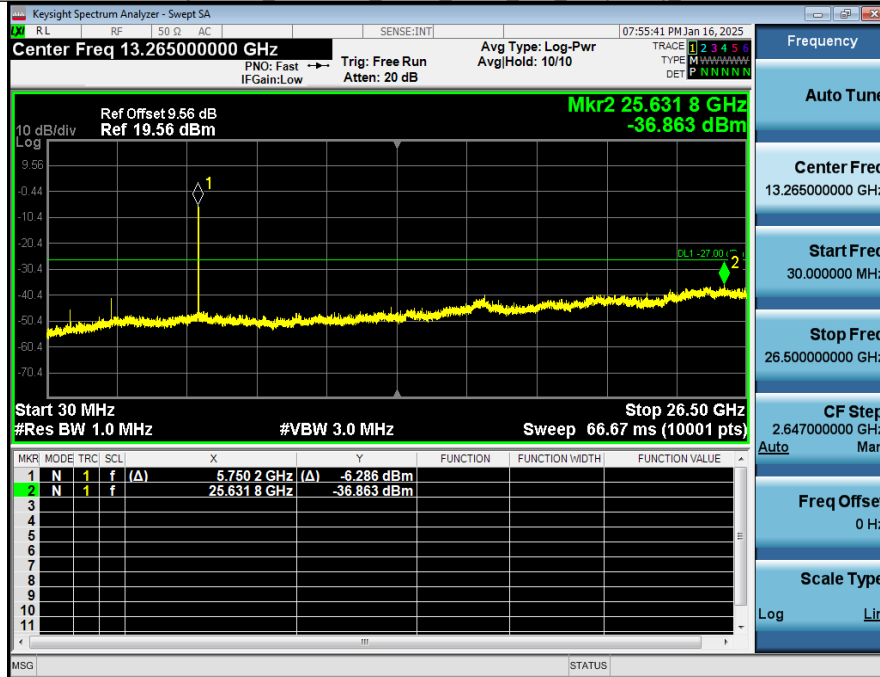
### Spurious Emission NVNT\_ANT1\_802\_11ac(VHT20) 5785



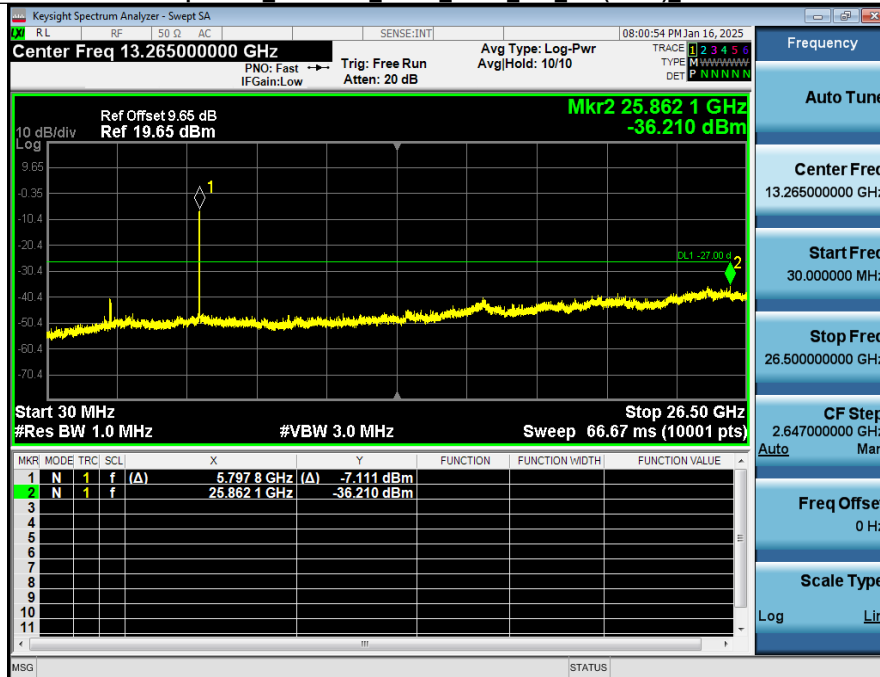
### Spurious Emission NVNT\_ANT1\_802\_11ac(VHT20) 5825



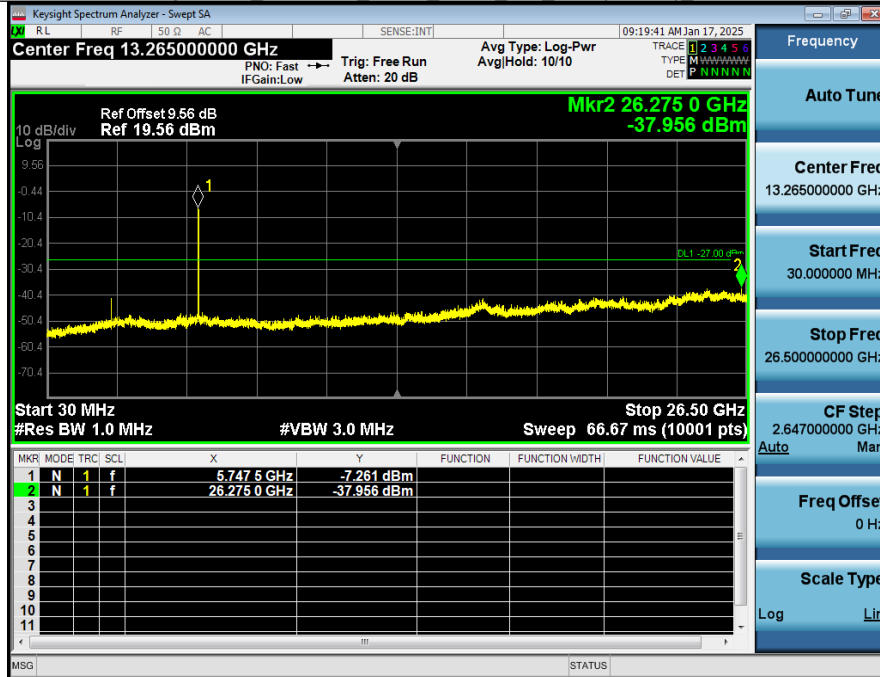
# Spurious Emission NVNT\_ANT1\_802\_11n(HT40)\_5755



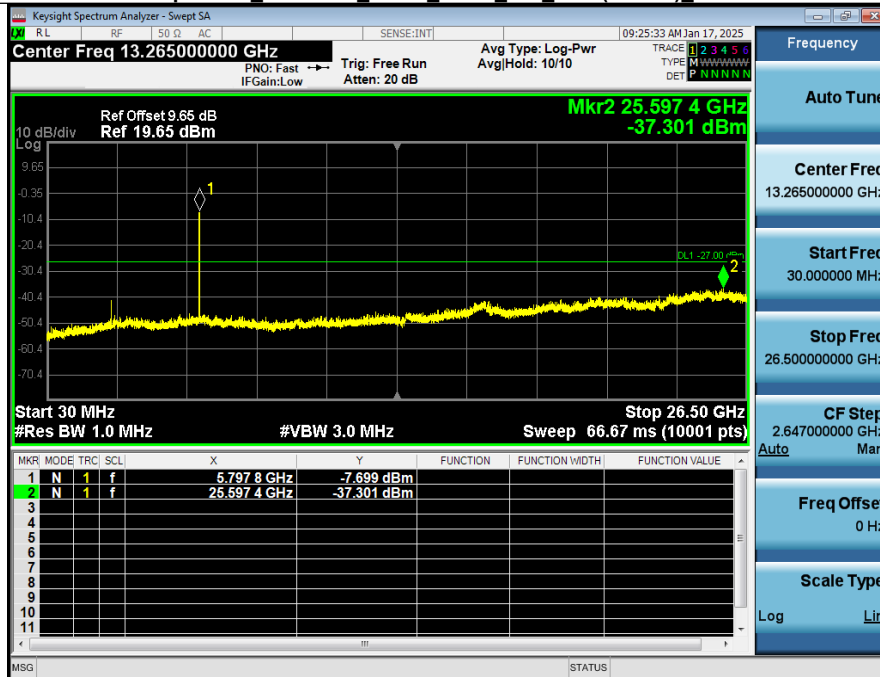
# Spurious Emission NVNT\_ANT1\_802\_11n(HT40)\_5795



### Spurious Emission NVNT ANT1\_802\_11ac(VHT40) 5755



### Spurious Emission NVNT ANT1\_802\_11ac(VHT40) 5795



## 8. Frequency Stability

| Condition           | Antenna | Modulation    | Frequency (MHz) | Fc(MHz)  | Fl(MHz)  | Fh(MHz)  | Limit(MHz) | Result |
|---------------------|---------|---------------|-----------------|----------|----------|----------|------------|--------|
| 55degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.014 | 5736.352 | 5753.676 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.012 | 5736.584 | 5753.440 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.018 | 5736.724 | 5753.312 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.014 | 5736.824 | 5753.204 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.026 | 5736.900 | 5753.152 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a       | 5745.00         | 5745.026 | 5736.960 | 5753.092 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.030 | 5737.016 | 5753.044 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a       | 5745.00         | 5745.024 | 5737.064 | 5752.984 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a       | 5745.00         | 5745.020 | 5737.108 | 5752.932 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5745.00         | 5745.022 | 5737.152 | 5752.892 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a       | 5745.00         | 5745.030 | 5737.184 | 5752.876 | 5725~5850  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5784.966 | 5776.276 | 5793.656 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5784.980 | 5776.536 | 5793.424 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5784.992 | 5776.672 | 5793.312 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5784.996 | 5776.800 | 5793.192 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5785.004 | 5776.880 | 5793.128 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a       | 5785.00         | 5785.008 | 5776.940 | 5793.076 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5785.020 | 5776.996 | 5793.044 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a       | 5785.00         | 5785.020 | 5777.048 | 5792.992 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a       | 5785.00         | 5785.012 | 5777.092 | 5792.932 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5785.00         | 5785.012 | 5777.132 | 5792.892 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a       | 5785.00         | 5785.010 | 5777.172 | 5792.848 | 5725~5850  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.036 | 5816.380 | 5833.692 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.032 | 5816.640 | 5833.424 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.040 | 5816.784 | 5833.296 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.026 | 5816.872 | 5833.180 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.030 | 5816.940 | 5833.120 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a       | 5825.00         | 5825.028 | 5816.992 | 5833.064 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.022 | 5817.044 | 5833.000 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a       | 5825.00         | 5825.024 | 5817.084 | 5832.964 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a       | 5825.00         | 5825.008 | 5817.120 | 5832.896 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a       | 5825.00         | 5825.010 | 5817.152 | 5832.868 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a       | 5825.00         | 5825.004 | 5817.192 | 5832.816 | 5725~5850  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.038 | 5735.964 | 5754.112 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.032 | 5736.132 | 5753.932 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.024 | 5736.228 | 5753.820 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.028 | 5736.292 | 5753.764 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.026 | 5736.352 | 5753.700 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11n(HT20) | 5745.00         | 5745.024 | 5736.408 | 5753.640 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.028 | 5736.460 | 5753.596 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11n(HT20) | 5745.00         | 5745.020 | 5736.508 | 5753.532 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.024 | 5736.556 | 5753.492 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.016 | 5736.600 | 5753.432 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11n(HT20) | 5745.00         | 5745.030 | 5736.644 | 5753.416 | 5725~5850  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.038 | 5775.964 | 5794.112 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.030 | 5776.128 | 5793.932 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.034 | 5776.236 | 5793.832 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.022 | 5776.300 | 5793.744 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.020 | 5776.356 | 5793.684 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11n(HT20) | 5785.00         | 5785.018 | 5776.404 | 5793.632 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.020 | 5776.456 | 5793.584 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11n(HT20) | 5785.00         | 5785.024 | 5776.504 | 5793.544 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.010 | 5776.552 | 5793.468 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.016 | 5776.600 | 5793.432 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11n(HT20) | 5785.00         | 5785.020 | 5776.648 | 5793.392 | 5725~5850  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.036 | 5815.968 | 5834.104 | 5725~5850  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.024 | 5816.132 | 5833.916 | 5725~5850  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.022 | 5816.232 | 5833.812 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.020 | 5816.296 | 5833.744 | 5725~5850  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.016 | 5816.352 | 5833.680 | 5725~5850  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11n(HT20) | 5825.00         | 5825.018 | 5816.400 | 5833.636 | 5725~5850  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.010 | 5816.452 | 5833.568 | 5725~5850  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11n(HT20) | 5825.00         | 5825.014 | 5816.496 | 5833.532 | 5725~5850  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.010 | 5816.548 | 5833.472 | 5725~5850  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.004 | 5816.592 | 5833.416 | 5725~5850  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11n(HT20) | 5825.00         | 5825.010 | 5816.644 | 5833.376 | 5725~5850  | Pass   |

|                     |      |                 |         |          |          |          |           |      |
|---------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 55degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.036 | 5735.976 | 5754.096 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.042 | 5736.144 | 5753.940 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.034 | 5736.240 | 5753.828 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.026 | 5736.304 | 5753.748 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.026 | 5736.360 | 5753.692 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.030 | 5736.408 | 5753.652 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.016 | 5736.460 | 5753.572 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.014 | 5736.504 | 5753.524 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.014 | 5736.556 | 5753.472 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.012 | 5736.600 | 5753.424 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.022 | 5736.644 | 5753.400 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.030 | 5775.964 | 5794.096 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.036 | 5776.132 | 5793.940 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.030 | 5776.232 | 5793.828 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.024 | 5776.296 | 5793.752 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.024 | 5776.352 | 5793.696 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.022 | 5776.396 | 5793.648 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.014 | 5776.448 | 5793.580 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.006 | 5776.496 | 5793.516 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.008 | 5776.548 | 5793.468 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.000 | 5776.592 | 5793.408 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5785.012 | 5776.644 | 5793.380 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.036 | 5815.964 | 5834.108 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.018 | 5816.128 | 5833.908 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.024 | 5816.232 | 5833.816 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.026 | 5816.304 | 5833.748 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.020 | 5816.356 | 5833.684 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.014 | 5816.404 | 5833.624 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.016 | 5816.456 | 5833.576 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.000 | 5816.500 | 5833.500 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.006 | 5816.552 | 5833.460 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.998 | 5816.596 | 5833.400 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.002 | 5816.648 | 5833.356 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.092 | 5736.856 | 5773.328 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.088 | 5737.048 | 5773.128 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.068 | 5737.176 | 5772.960 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.056 | 5737.272 | 5772.840 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.048 | 5737.368 | 5772.728 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.040 | 5737.456 | 5772.624 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.036 | 5737.552 | 5772.520 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.060 | 5737.664 | 5772.456 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.080 | 5737.768 | 5772.392 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.084 | 5737.880 | 5772.288 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5755.088 | 5737.984 | 5772.192 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.072 | 5776.832 | 5813.312 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.072 | 5777.024 | 5813.120 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.060 | 5777.152 | 5812.968 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.032 | 5777.256 | 5812.808 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.044 | 5777.352 | 5812.736 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.024 | 5777.440 | 5812.608 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.024 | 5777.536 | 5812.512 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.008 | 5777.624 | 5812.392 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.040 | 5777.728 | 5812.352 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.028 | 5777.832 | 5812.224 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.060 | 5777.944 | 5812.176 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.088 | 5736.832 | 5773.344 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.076 | 5737.024 | 5773.128 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.064 | 5737.152 | 5772.976 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.052 | 5737.264 | 5772.840 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.036 | 5737.344 | 5772.728 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.020 | 5737.424 | 5772.616 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.008 | 5737.512 | 5772.504 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.032 | 5737.592 | 5772.472 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.024 | 5737.696 | 5772.352 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.040 | 5737.800 | 5772.280 | 5725~5850 | Pass |
| 25degrees C&&3.23V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.060 | 5737.912 | 5772.208 | 5725~5850 | Pass |
| 55degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.080 | 5776.848 | 5813.312 | 5725~5850 | Pass |
| 45degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.076 | 5777.032 | 5813.120 | 5725~5850 | Pass |
| 35degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.072 | 5777.160 | 5812.984 | 5725~5850 | Pass |
| 25degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.032 | 5777.256 | 5812.808 | 5725~5850 | Pass |
| 15degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.032 | 5777.352 | 5812.712 | 5725~5850 | Pass |
| 5degrees C&&3.80V   | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.016 | 5777.432 | 5812.600 | 5725~5850 | Pass |
| -5degrees C&&3.80V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.012 | 5777.520 | 5812.504 | 5725~5850 | Pass |
| -15degrees C&&3.80V | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.004 | 5777.600 | 5812.408 | 5725~5850 | Pass |
| 25degrees C&&4.37V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.004 | 5777.696 | 5812.312 | 5725~5850 | Pass |

|                    |      |                 |         |          |          |          |           |      |
|--------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 25degrees C&&3.80V | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.028 | 5777.784 | 5812.272 | 5725~5850 | Pass |
| 25degrees C&&3.23V | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.036 | 5777.904 | 5812.168 | 5725~5850 | Pass |