

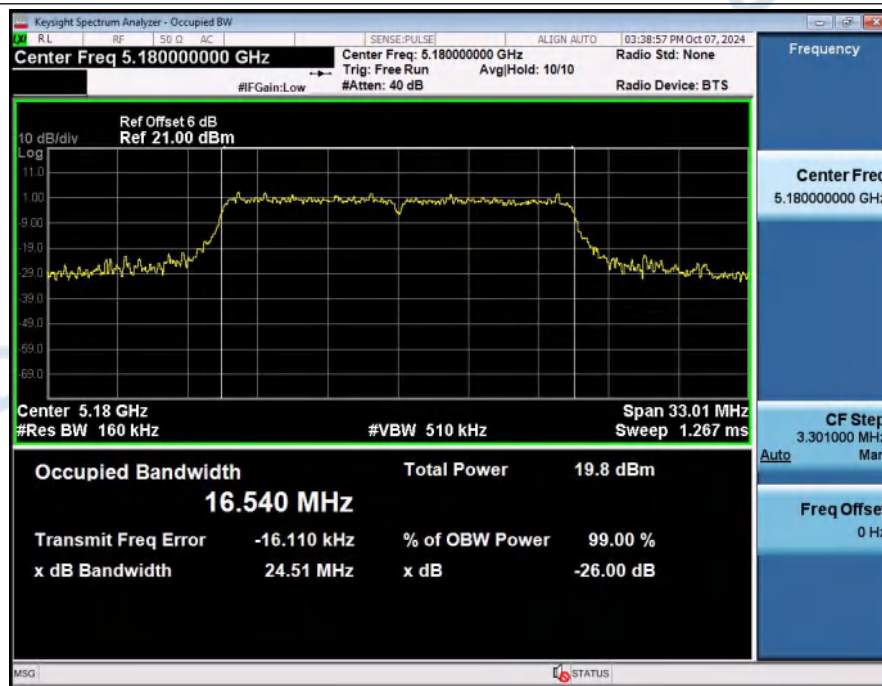
# Appendix-5.2GWIFI

# HT240920009--IR3 V2--5.2G--FCC FCC\_5.2G\_WIFI (Part15.407) Test Data

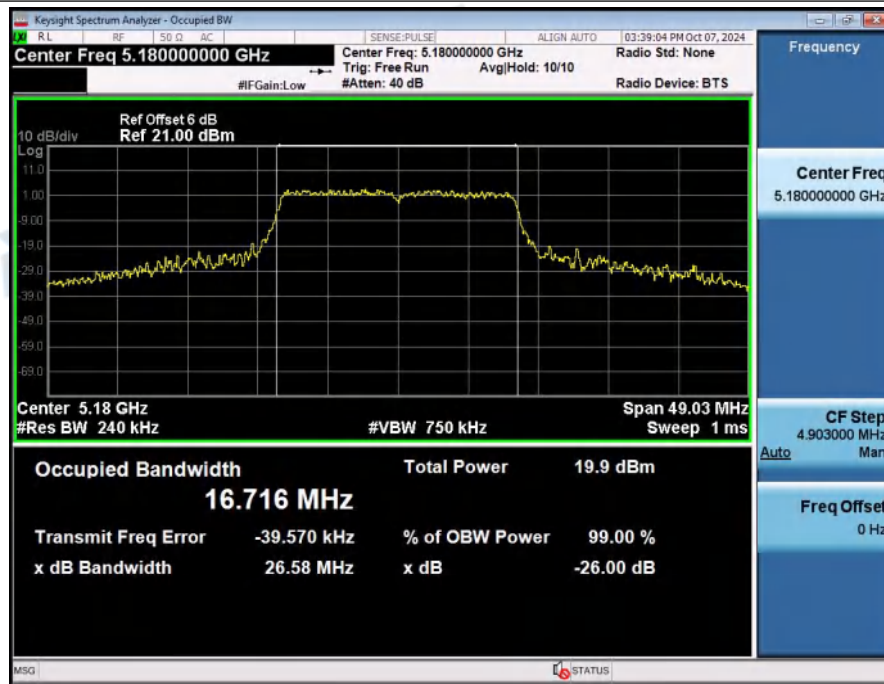
## 1. -26dB and 99% Emission Bandwidth

| Condition | Antenna | Modulation      | Frequency(MHz) | -26dB_Emission_Bandwidth(MHz) | Occupied Bandwidth(MHz) |
|-----------|---------|-----------------|----------------|-------------------------------|-------------------------|
| NVNT      | ANT1    | 802.11a         | 5180.00        | 26.58                         | 16.54                   |
| NVNT      | ANT1    | 802.11a         | 5200.00        | 28.60                         | 16.56                   |
| NVNT      | ANT1    | 802.11a         | 5240.00        | 27.89                         | 16.55                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00        | 25.62                         | 17.64                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5200.00        | 30.07                         | 17.63                   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00        | 26.61                         | 17.61                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00        | 30.09                         | 17.62                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5200.00        | 32.84                         | 17.70                   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00        | 27.46                         | 17.62                   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00        | 48.39                         | 36.19                   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00        | 48.97                         | 36.24                   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00        | 49.79                         | 36.26                   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00        | 48.84                         | 36.31                   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00        | 94.22                         | 75.83                   |

99%\_OCB\_NVNT\_ANT1\_802\_11a\_5180



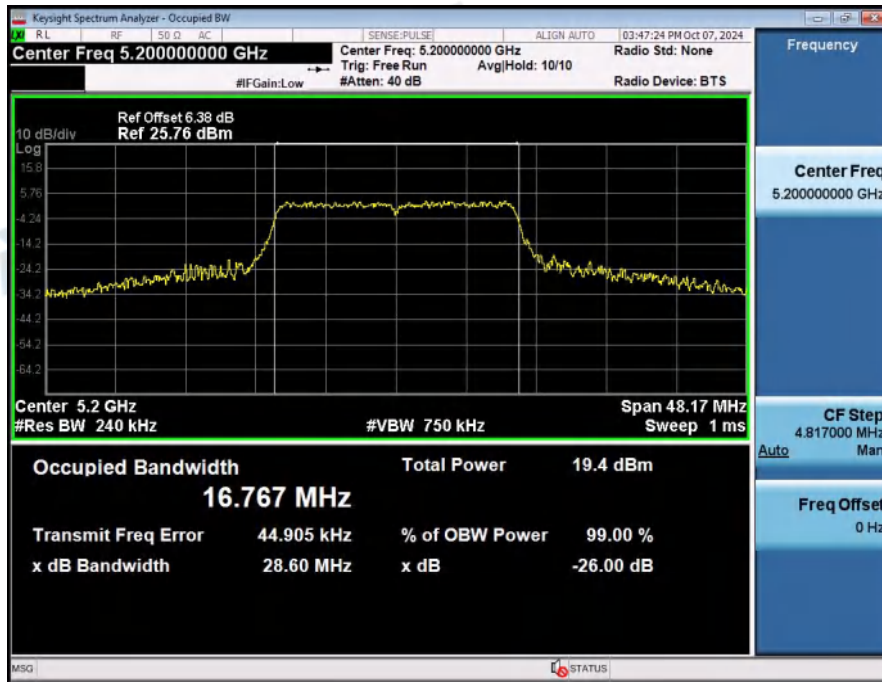
-26BW\_NVNT\_ANT1\_802\_11a\_5180



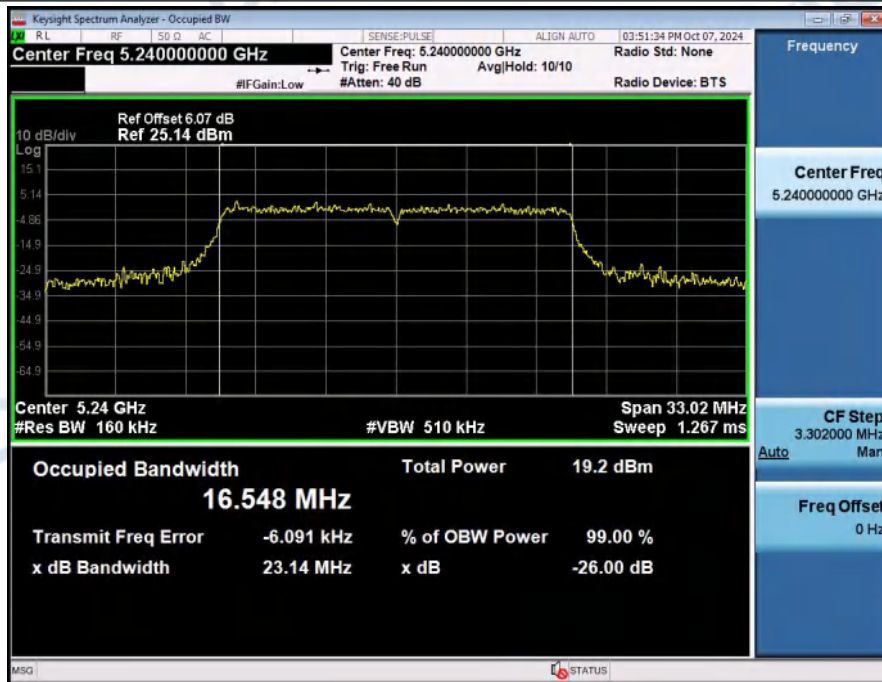
99%\_OCB\_NVNT\_ANT1\_802\_11a\_5200



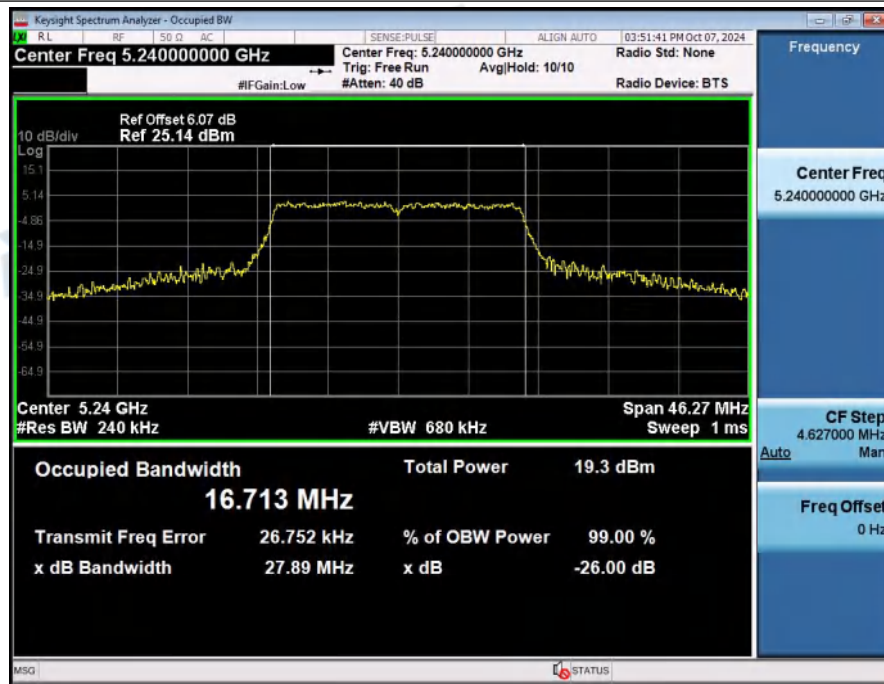
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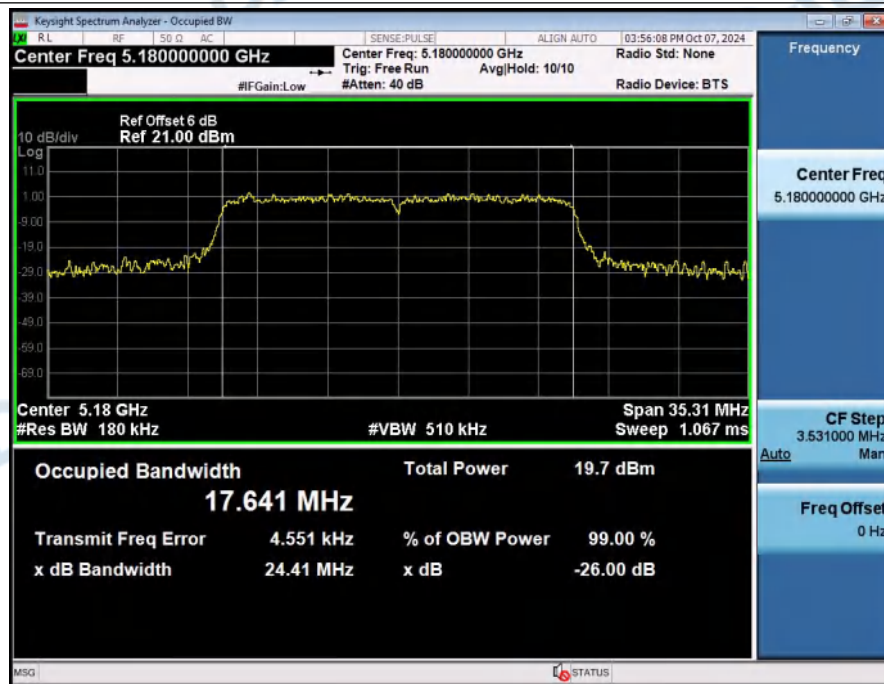
99%\_OCB\_NVNT\_ANT1\_802\_11a\_5240



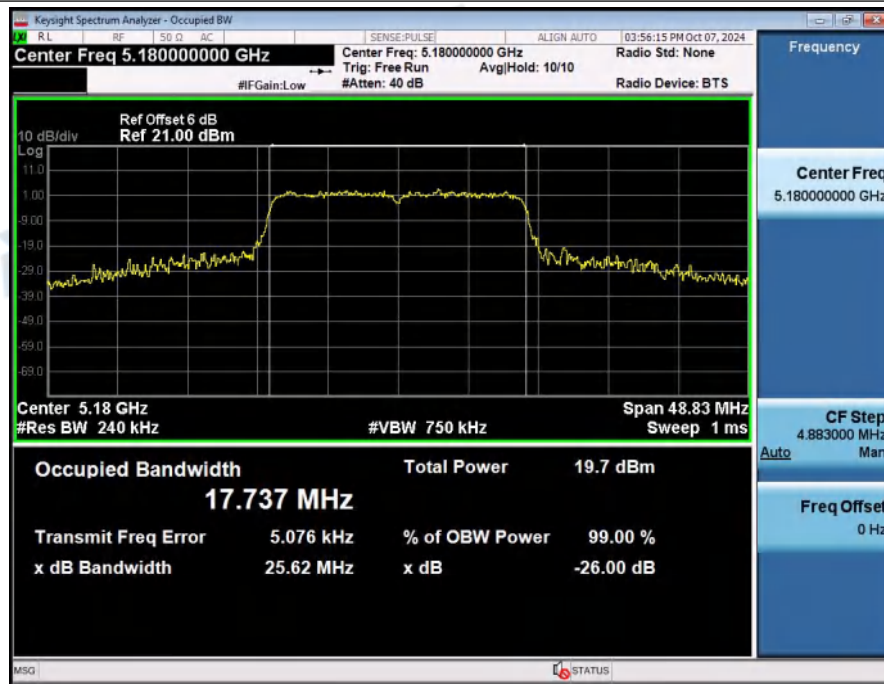
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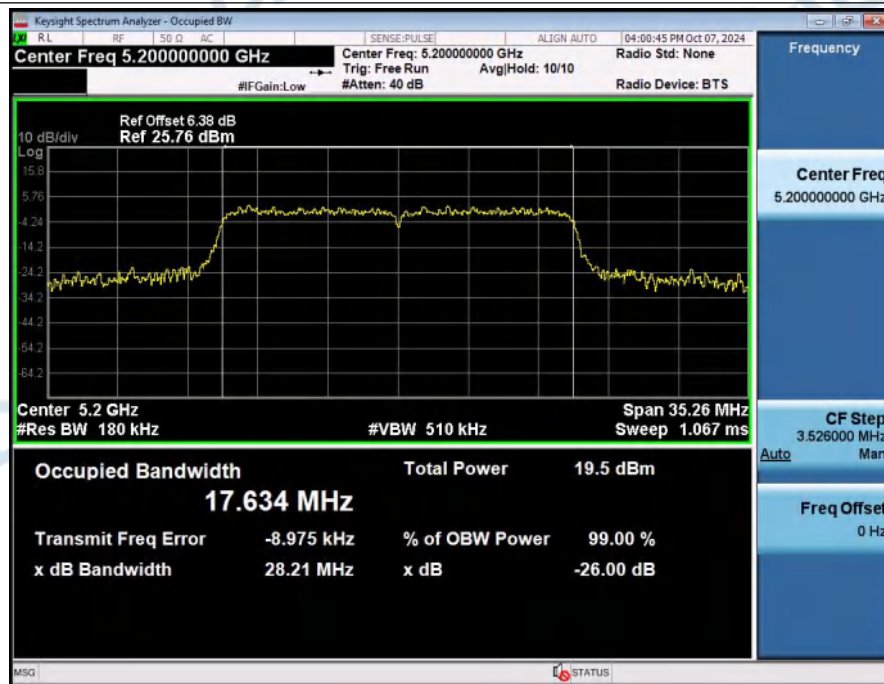
### 99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5180



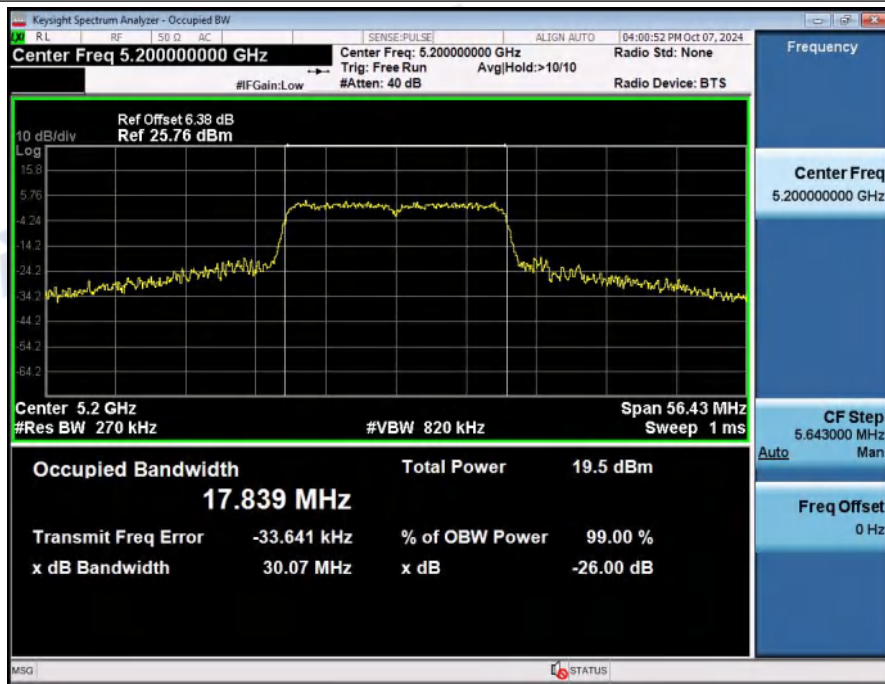
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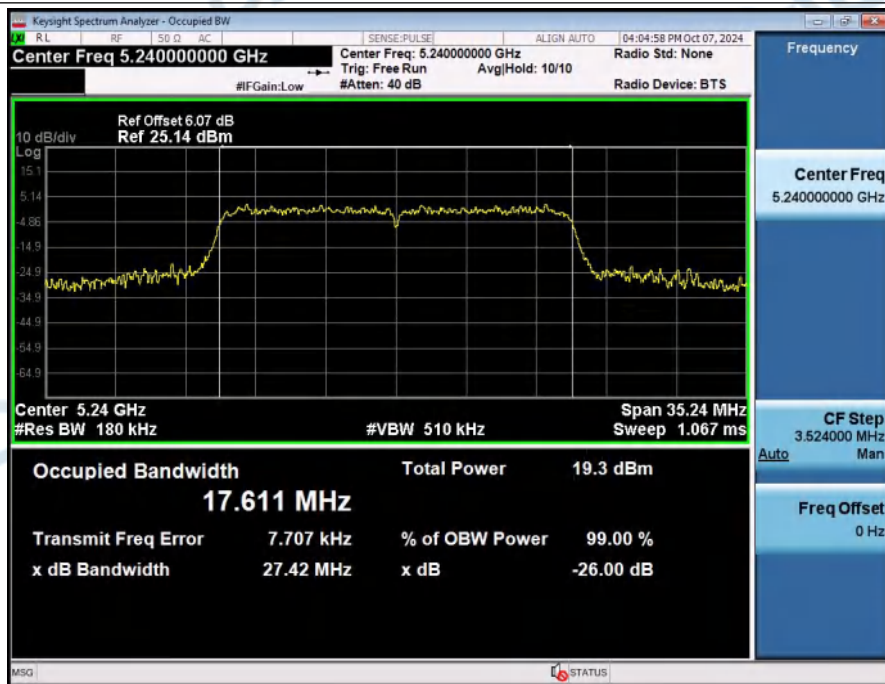
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5200



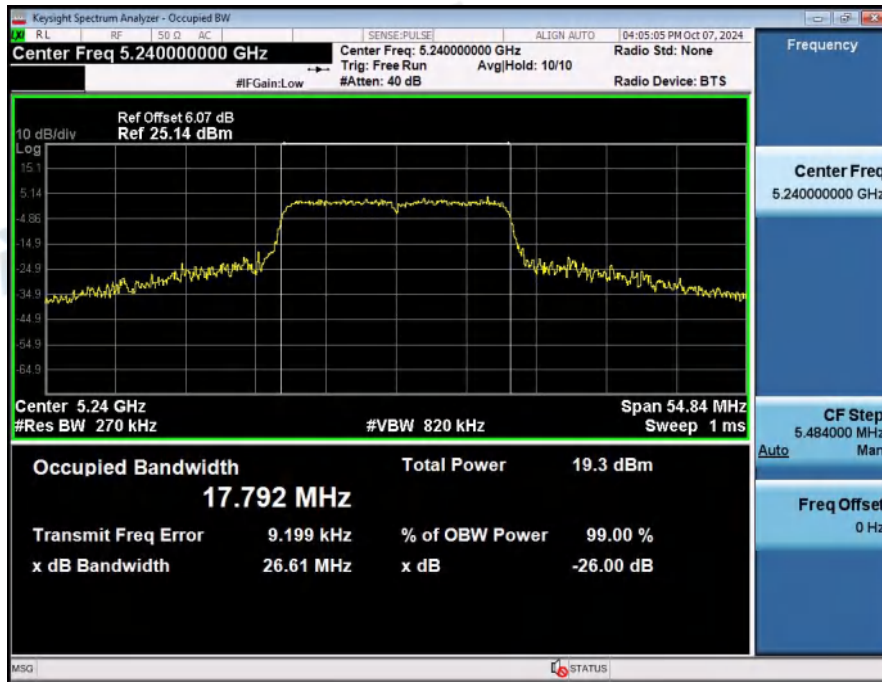
-26BW\_NVNT\_ANT1\_802\_11n(HT20)\_5200



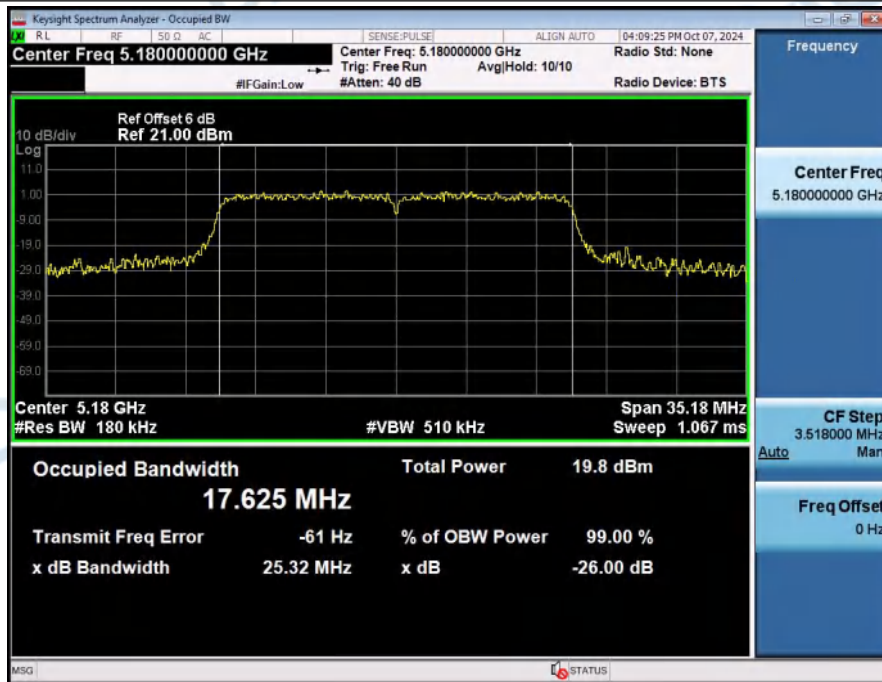
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT20)\_5240



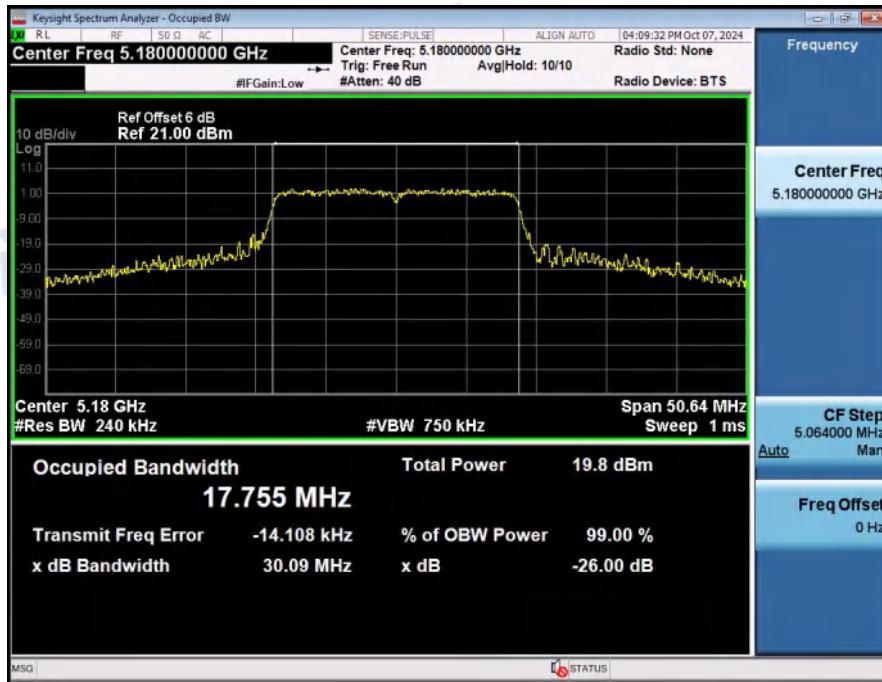
-26BW\_NVNT\_ANT1\_802\_11n(HT20)\_5240



99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180



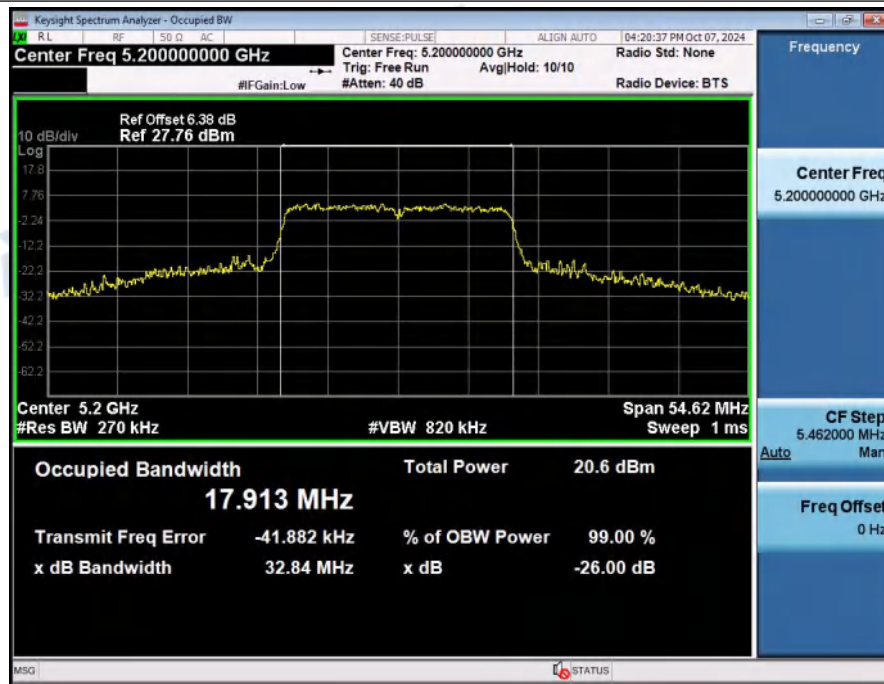
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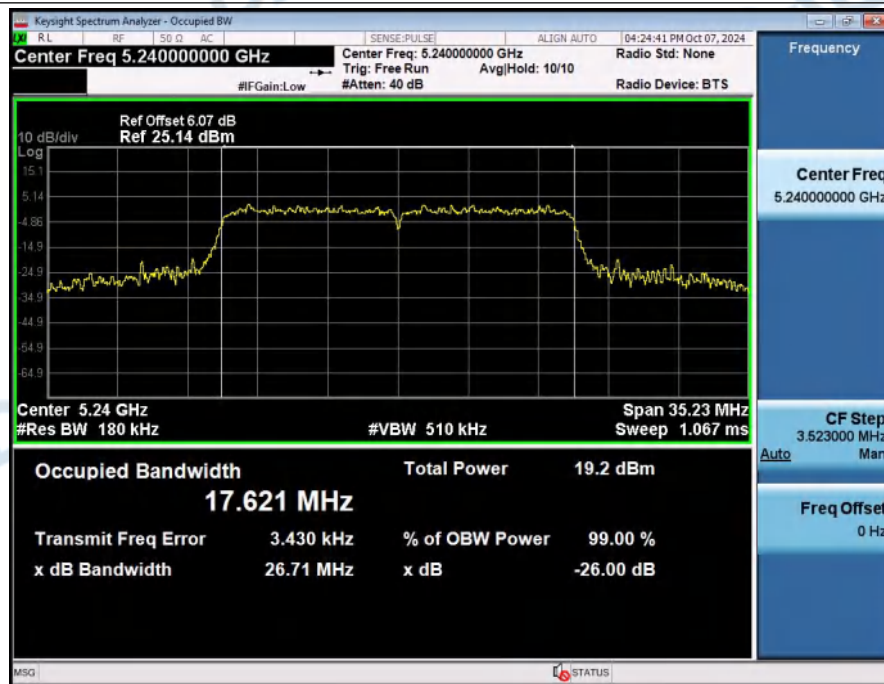
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200



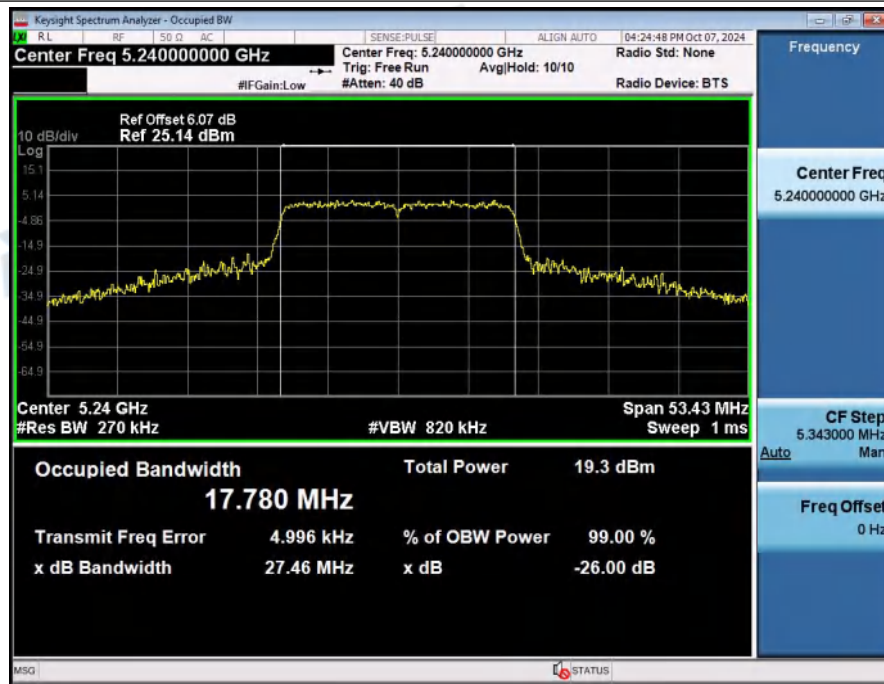
-26BW\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200



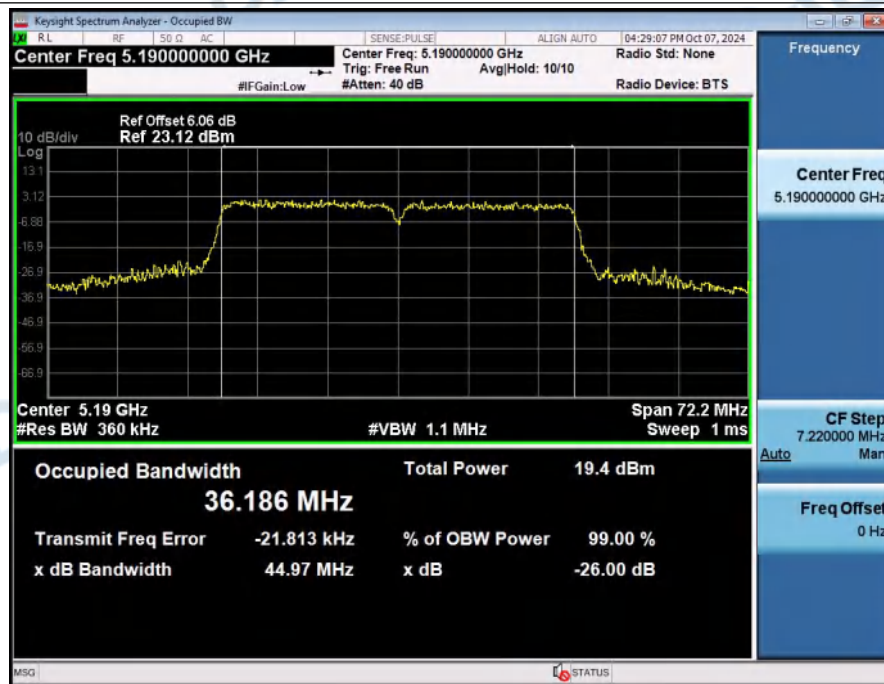
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240



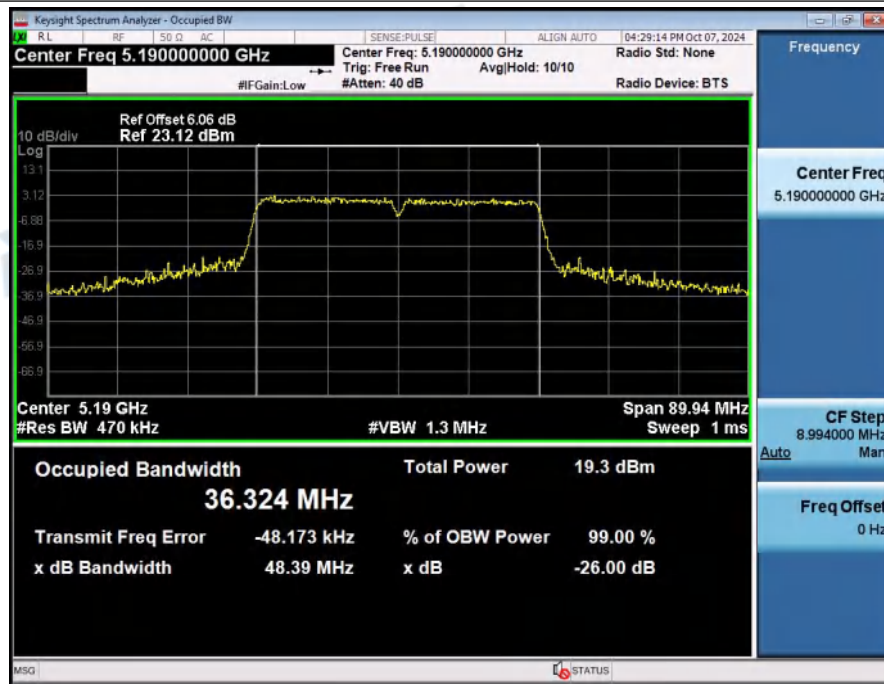
-26BW\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240



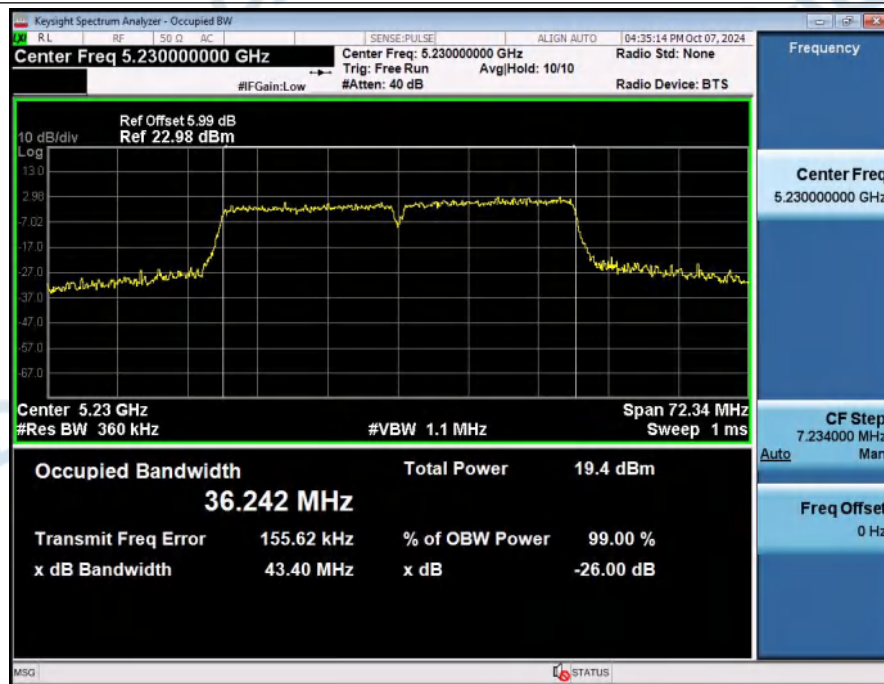
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT40)\_5190



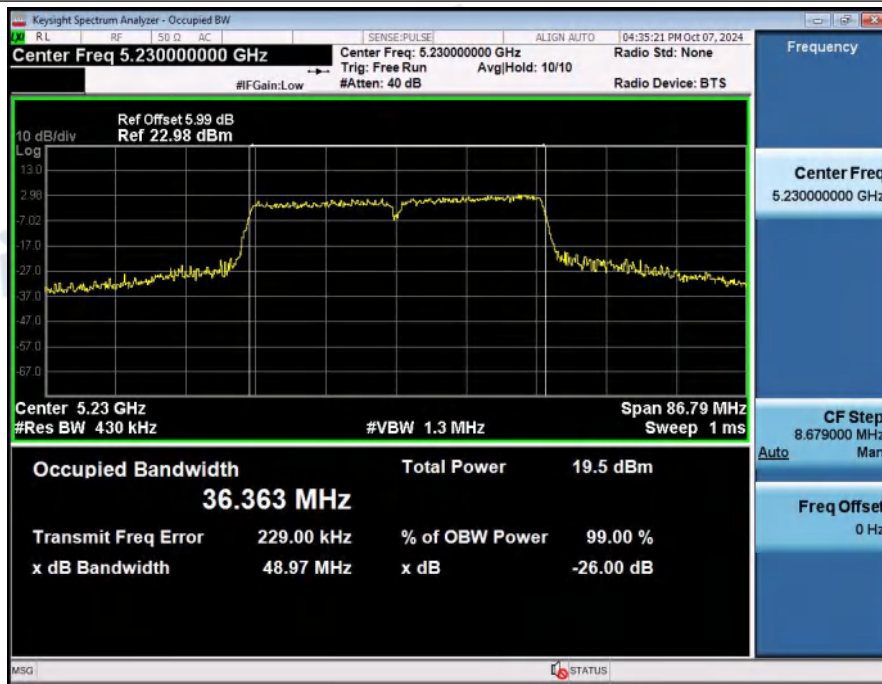
-26BW\_NVNT\_ANT1\_802\_11n(HT40)\_5190



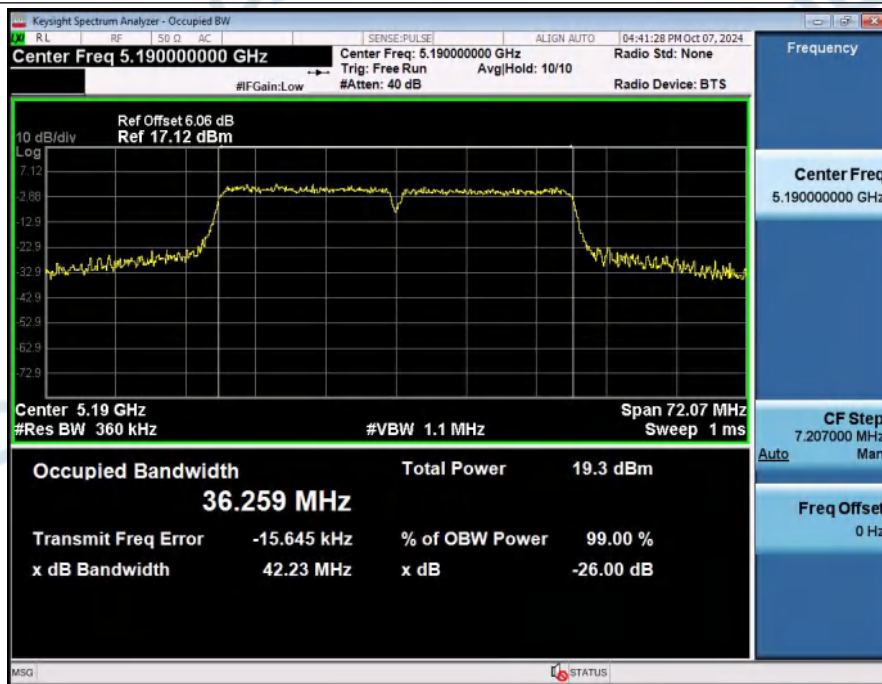
99%\_OCB\_NVNT\_ANT1\_802\_11n(HT40)\_5230



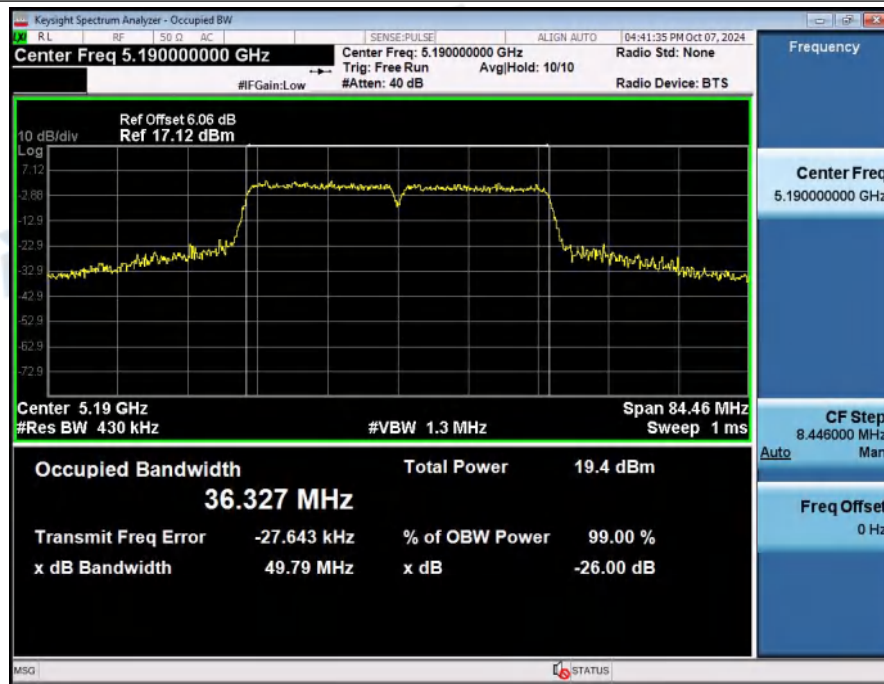
-26BW\_NVNT\_ANT1\_802\_11n(HT40)\_5230



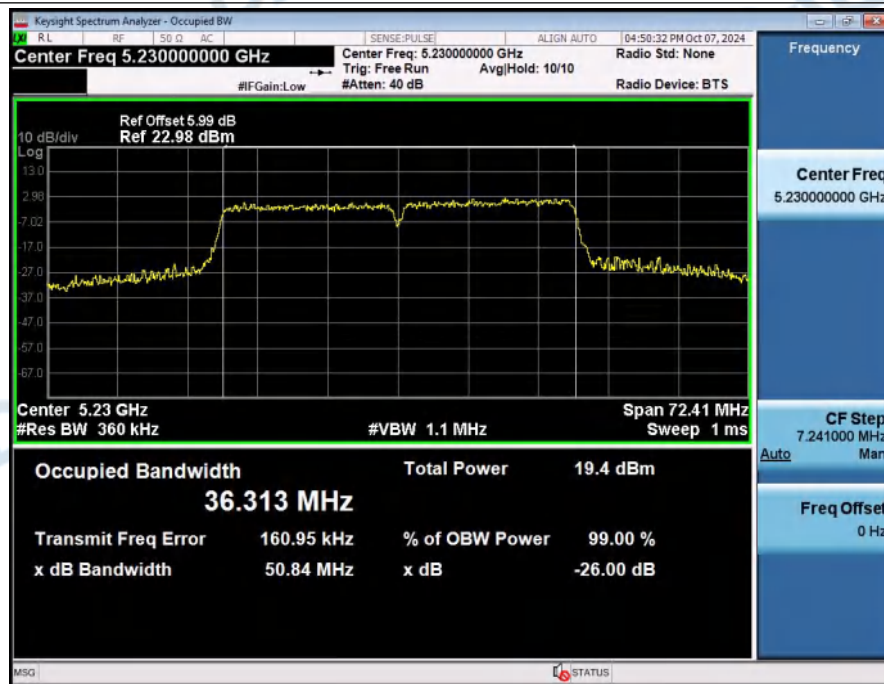
99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190



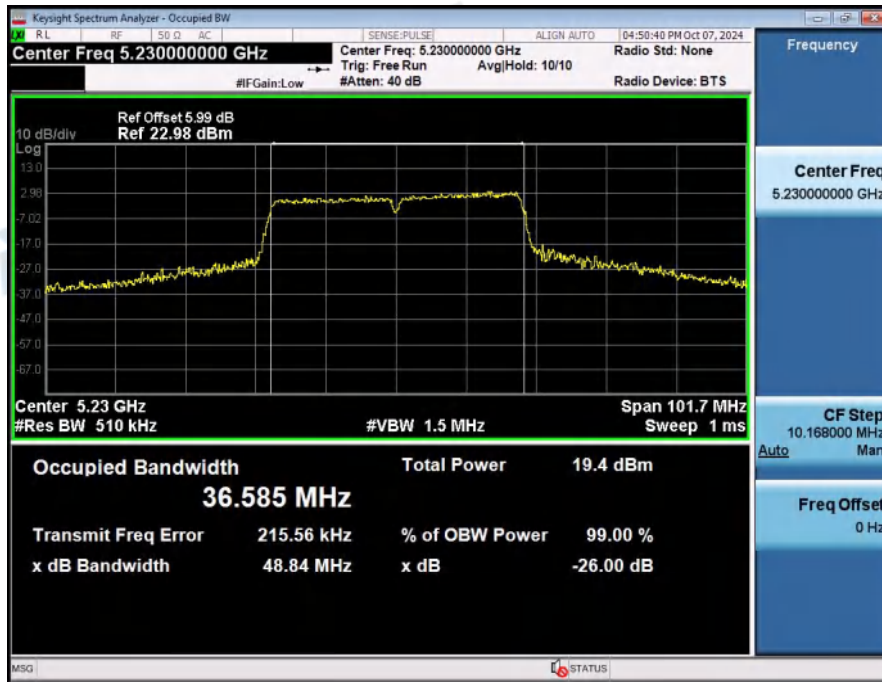
-26BW\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190



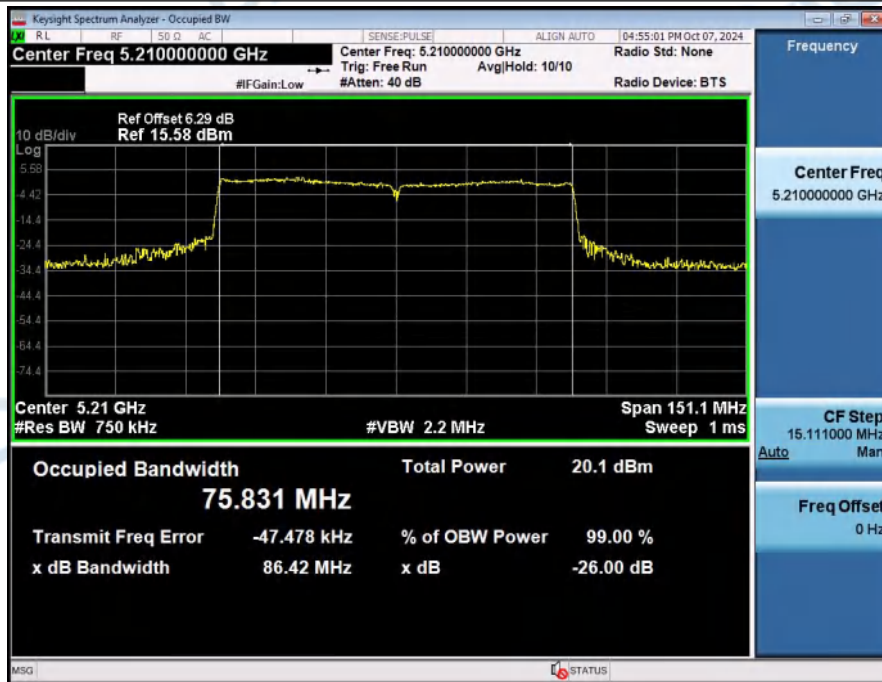
### 99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230



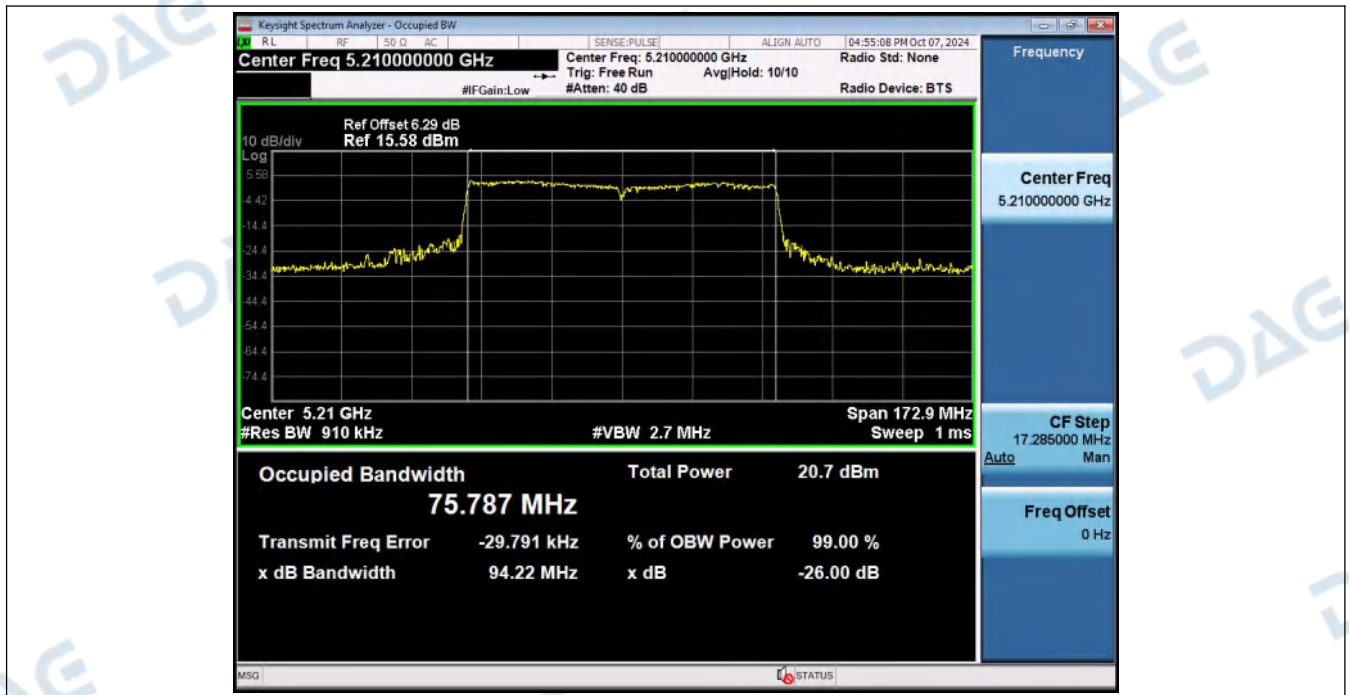
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99%\_OCB\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210



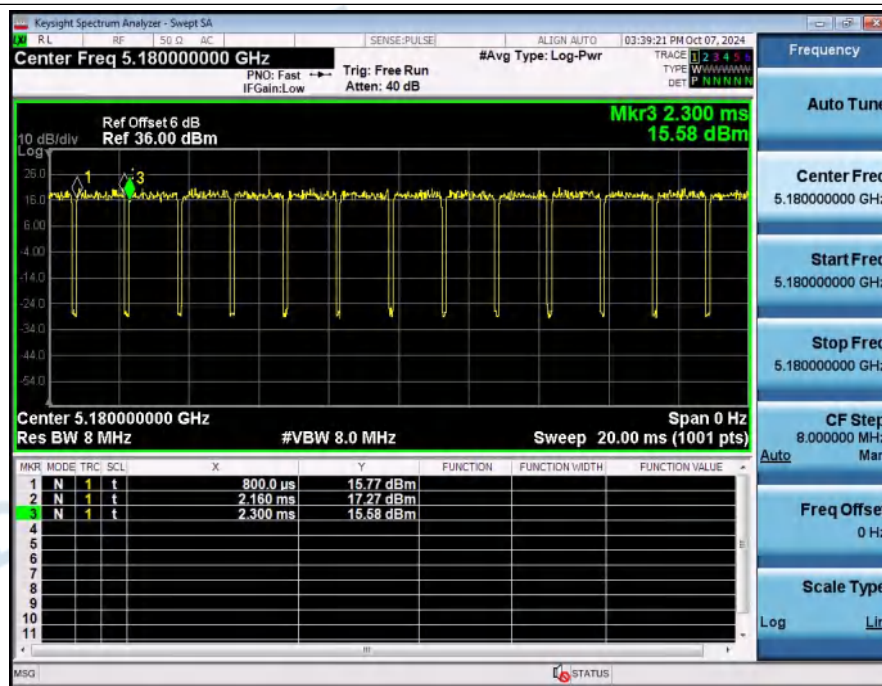
-26BW\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210



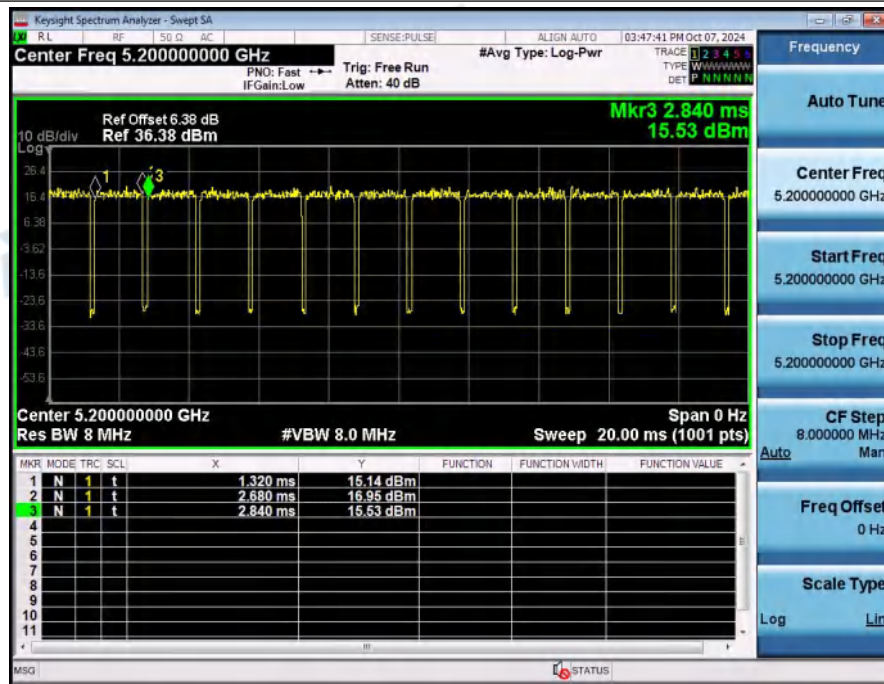
## 2. Duty Cycle

| Condition | Antenna | Modulation      | Frequency (MHz) | Duty cycle(%) | Duty_factor |
|-----------|---------|-----------------|-----------------|---------------|-------------|
| NVNT      | ANT1    | 802.11a         | 5180.00         | 90.67         | 0.43        |
| NVNT      | ANT1    | 802.11a         | 5200.00         | 89.47         | 0.48        |
| NVNT      | ANT1    | 802.11a         | 5240.00         | 90.67         | 0.43        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00         | 90.14         | 0.45        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5200.00         | 90.14         | 0.45        |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00         | 88.73         | 0.52        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00         | 88.89         | 0.51        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5200.00         | 88.89         | 0.51        |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00         | 90.14         | 0.45        |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00         | 82.05         | 0.86        |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00         | 82.05         | 0.86        |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00         | 82.05         | 0.86        |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00         | 82.05         | 0.86        |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00         | 69.57         | 1.58        |

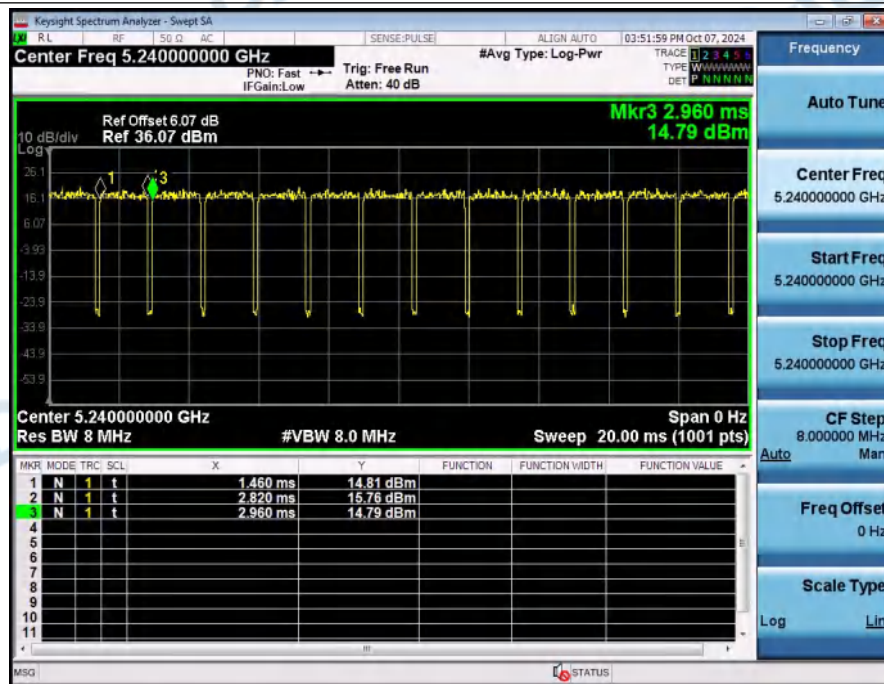
Duty\_Cycle\_NVNT\_ANT1\_802\_11a\_5180



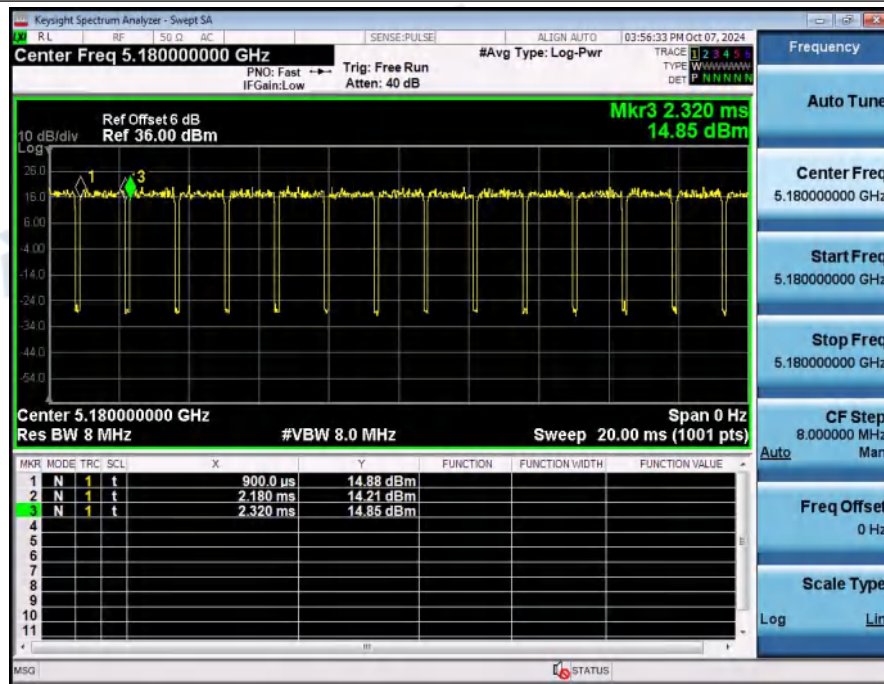
Duty\_Cycle\_NVNT\_ANT1\_802\_11a\_5200



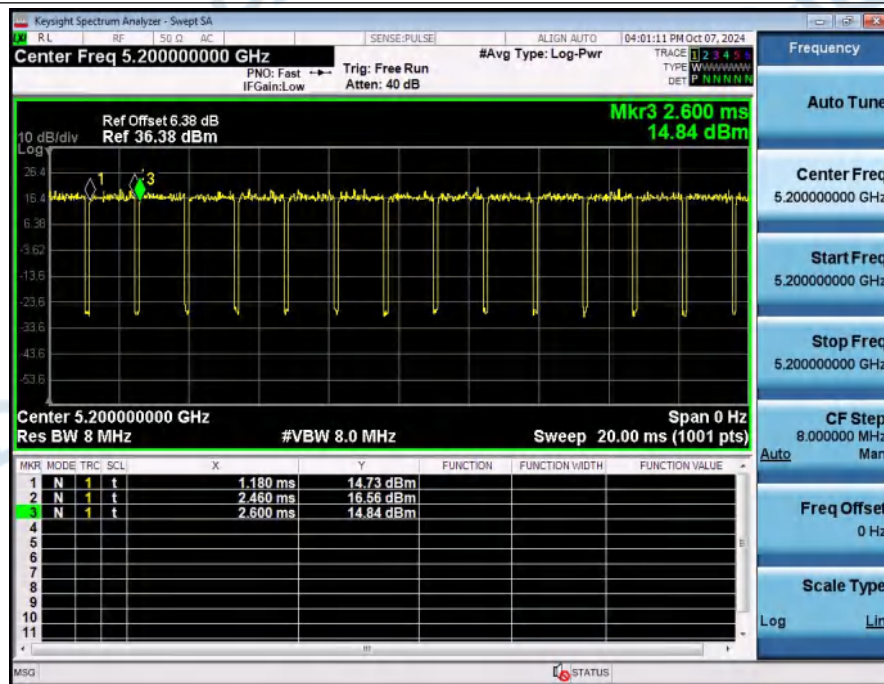
Duty\_Cycle\_NVNT\_ANT1\_802\_11a\_5240



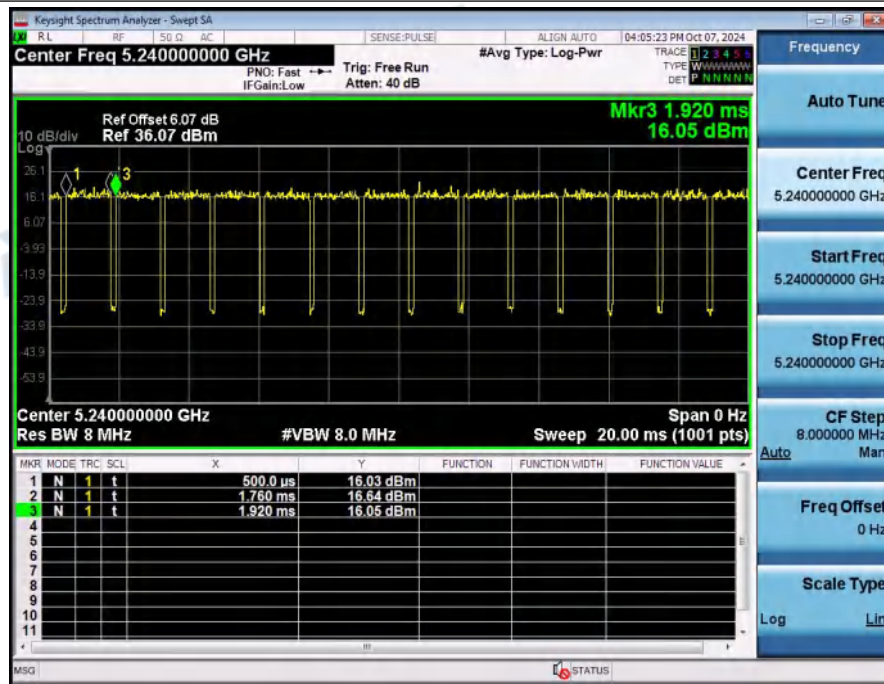
Duty\_Cycle\_NVNT\_ANT1\_802\_11n(HT20)\_5180



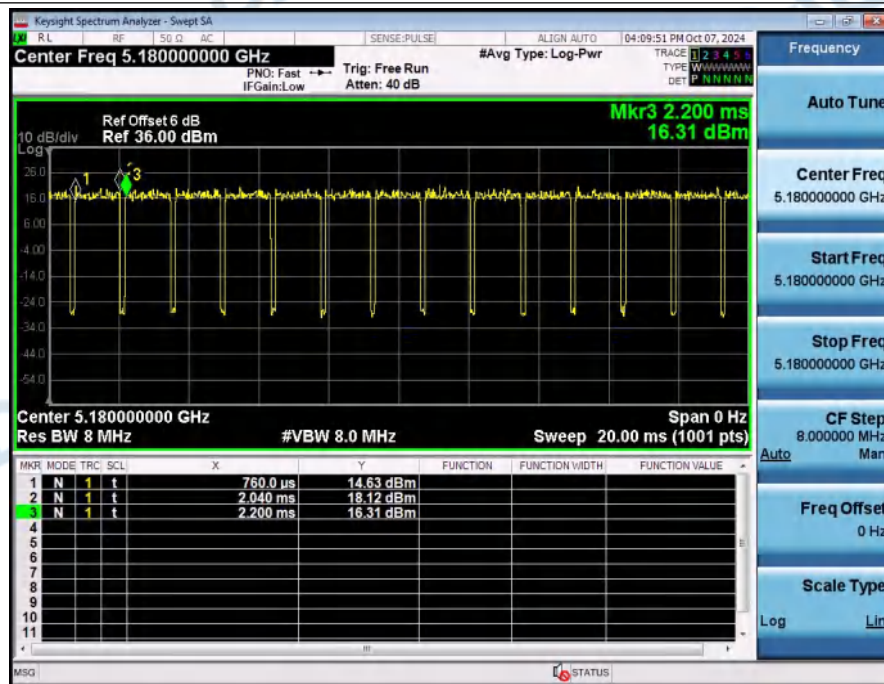
Duty\_Cycle\_NVNT\_ANT1\_802\_11n(HT20)\_5200



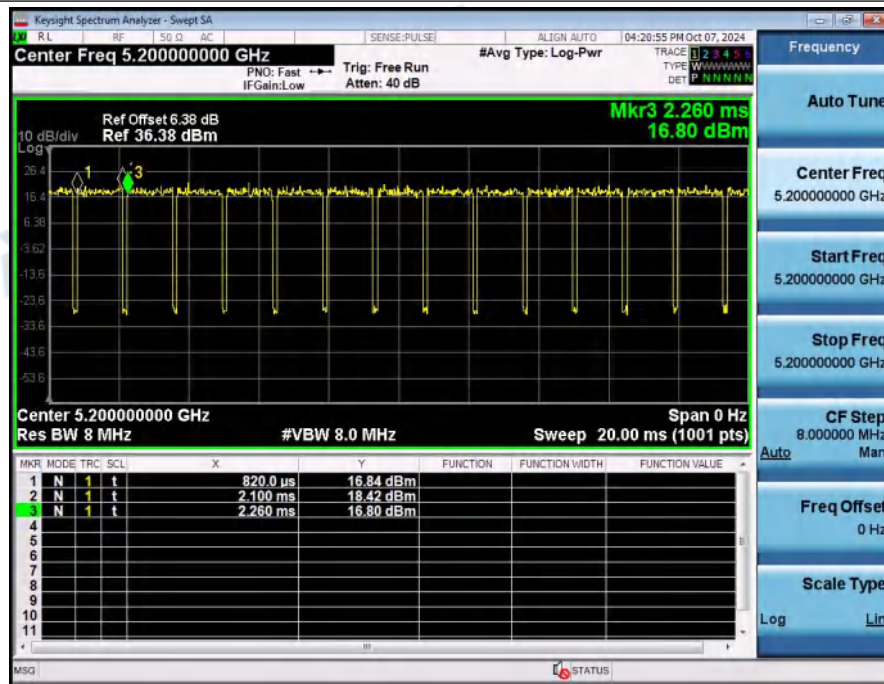
Duty\_Cycle\_NVNT\_ANT1\_802\_11n(HT20)\_5240



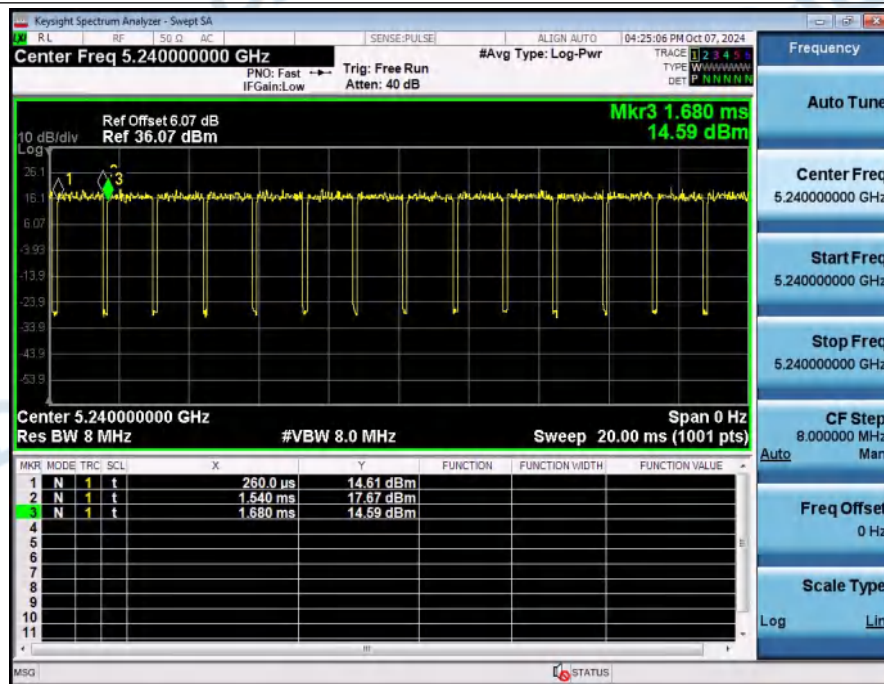
Duty\_Cycle\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180



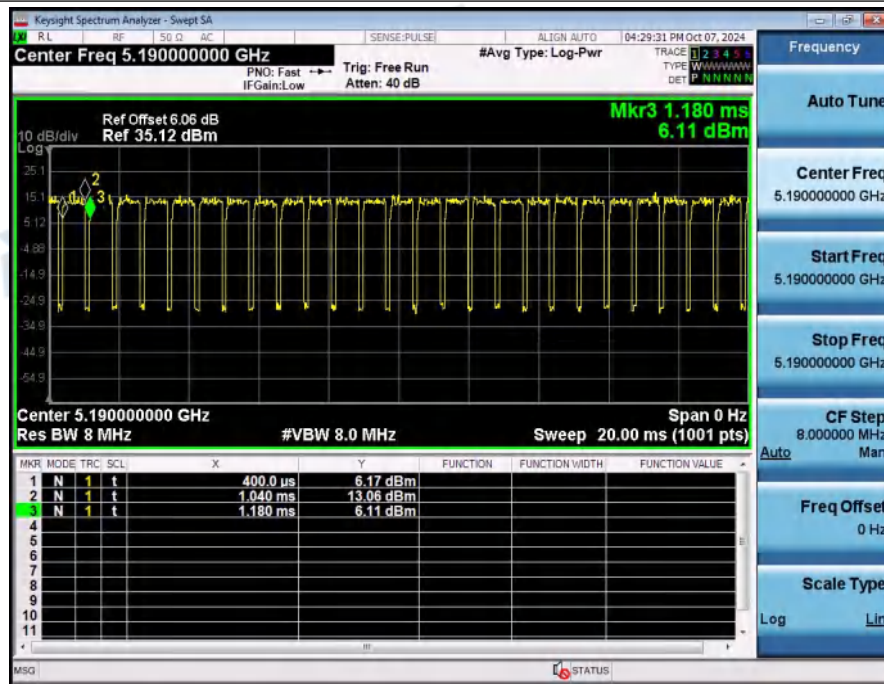
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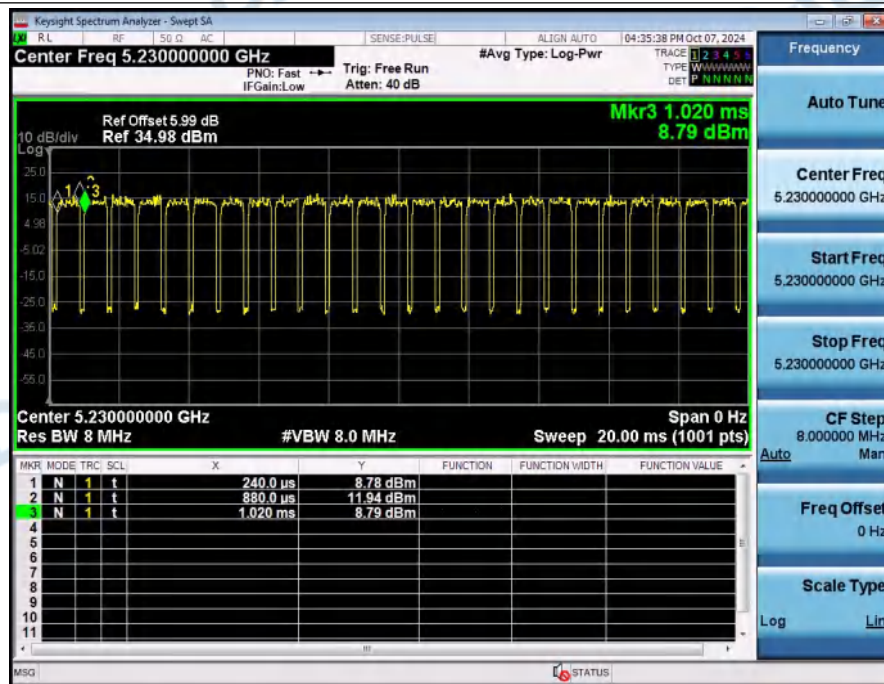
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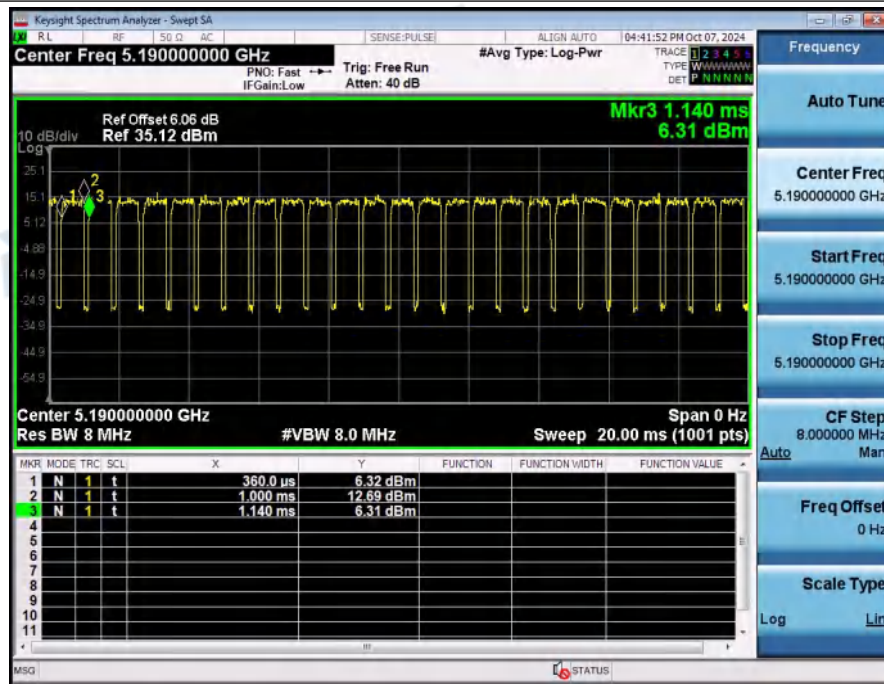
Duty\_Cycle\_NVNT\_ANT1\_802\_11n(HT40)\_5190



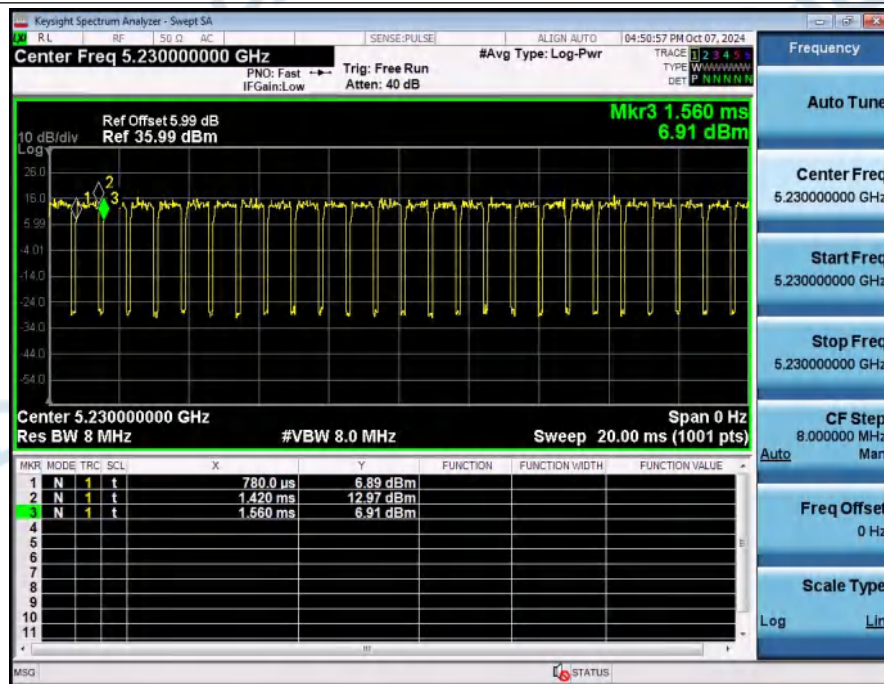
Duty\_Cycle\_NVNT\_ANT1\_802\_11n(HT40)\_5230



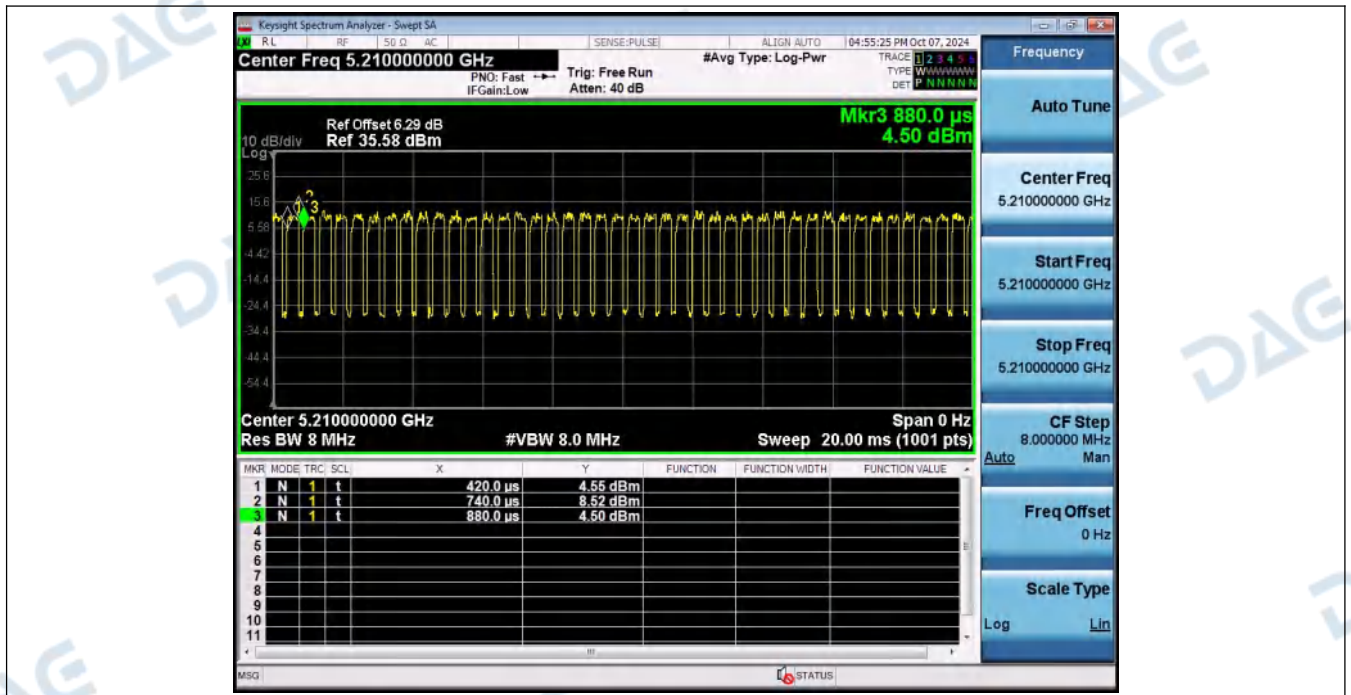
Duty\_Cycle\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190



Duty\_Cycle\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230



Duty\_Cycle\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210



### 3. 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         | 5180.00         | 12.78                | 0.43            | 13.21            | 24         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5200.00         | 12.55                | 0.48            | 13.03            | 24         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5240.00         | 12.26                | 0.43            | 12.69            | 24         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00         | 12.54                | 0.45            | 12.99            | 24         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5200.00         | 12.53                | 0.45            | 12.98            | 24         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00         | 12.36                | 0.52            | 12.88            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00         | 12.72                | 0.51            | 13.23            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5200.00         | 13.58                | 0.51            | 14.09            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00         | 12.38                | 0.45            | 12.83            | 24         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00         | 11.93                | 0.86            | 12.79            | 24         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00         | 12.25                | 0.86            | 13.11            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00         | 12.00                | 0.86            | 12.86            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00         | 12.10                | 0.86            | 12.96            | 24         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00         | 11.84                | 1.58            | 13.42            | 24         | Pass   |

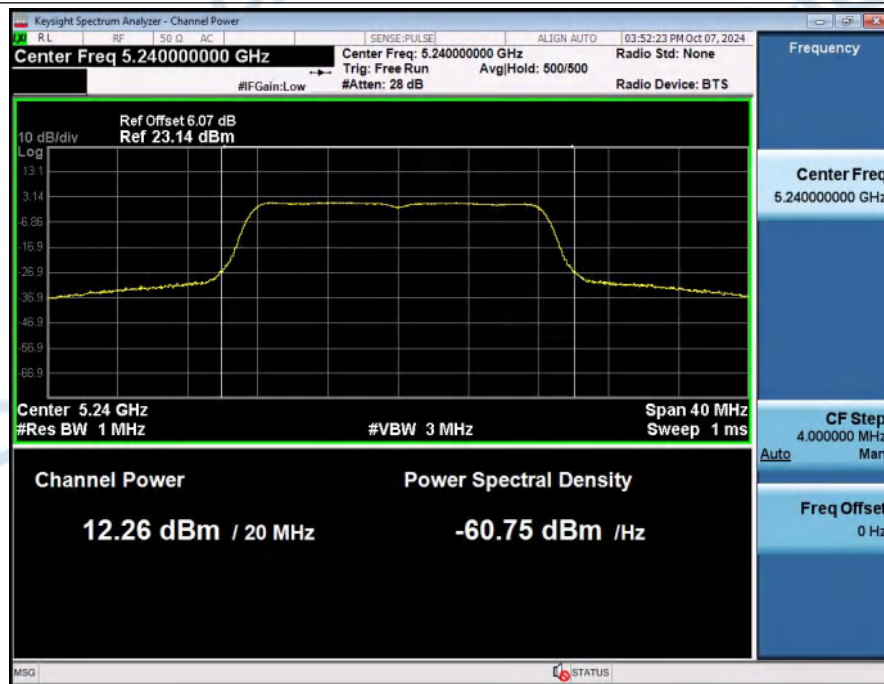
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11a\_5180\_20M



Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11a\_5200\_20M



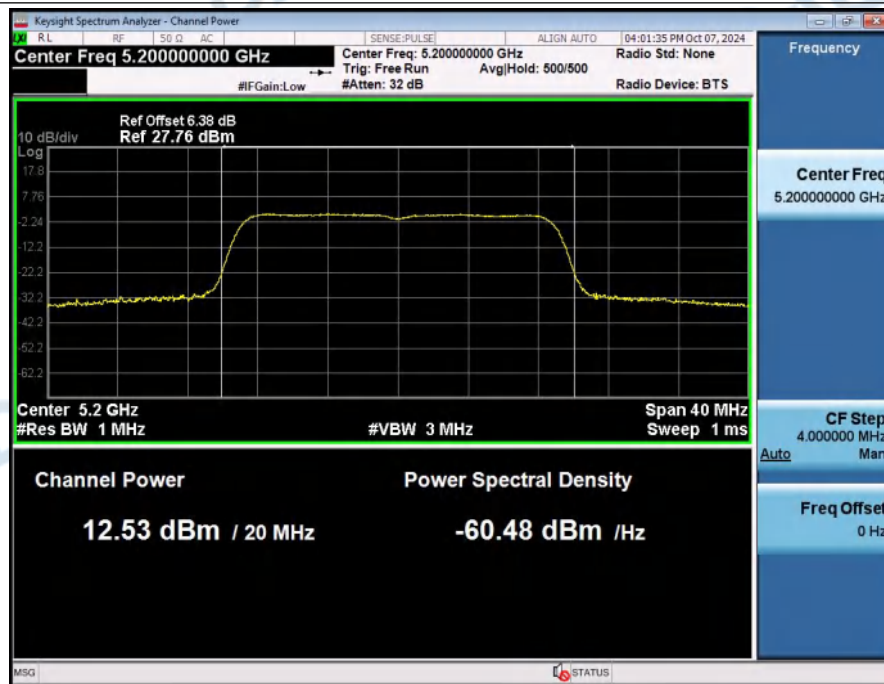
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Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5180\_20M



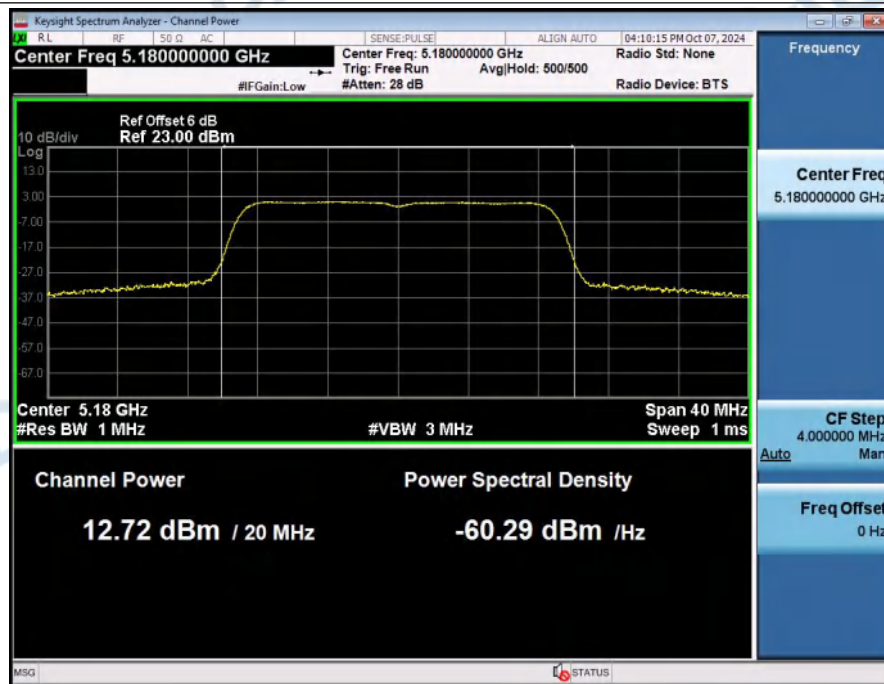
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5200\_20M



Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT20)\_5240\_20M



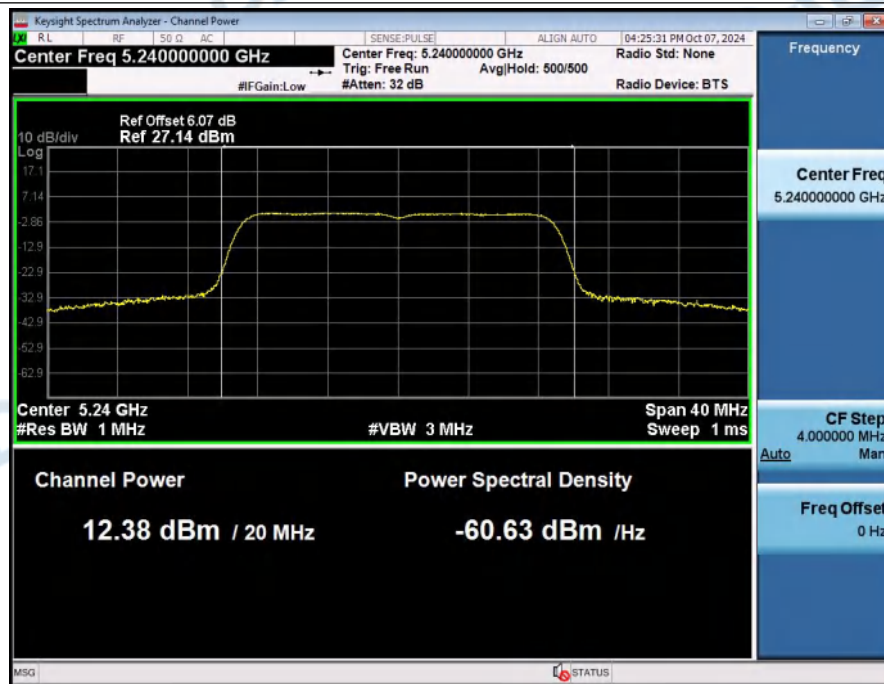
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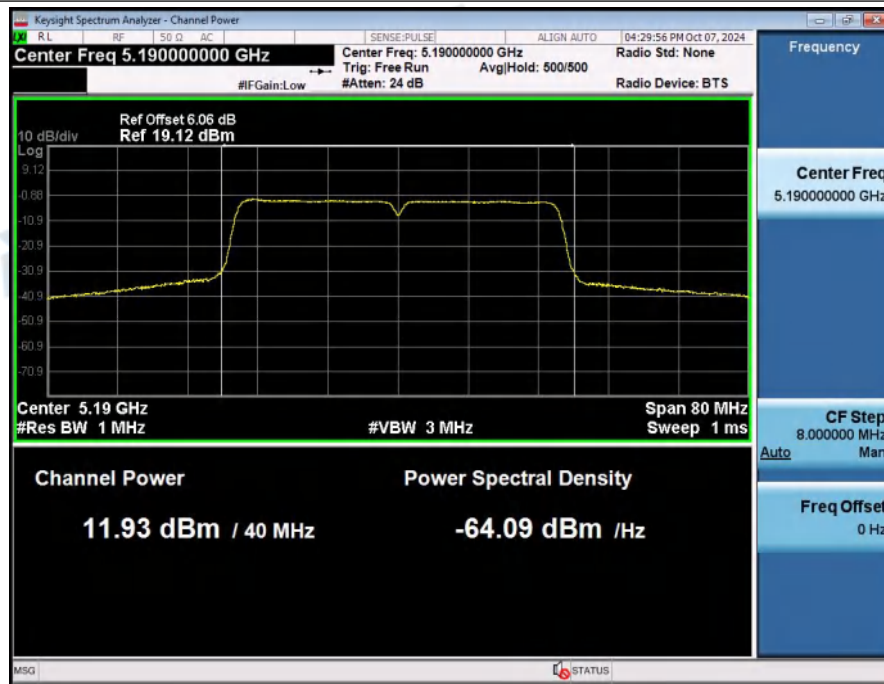
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200\_20M



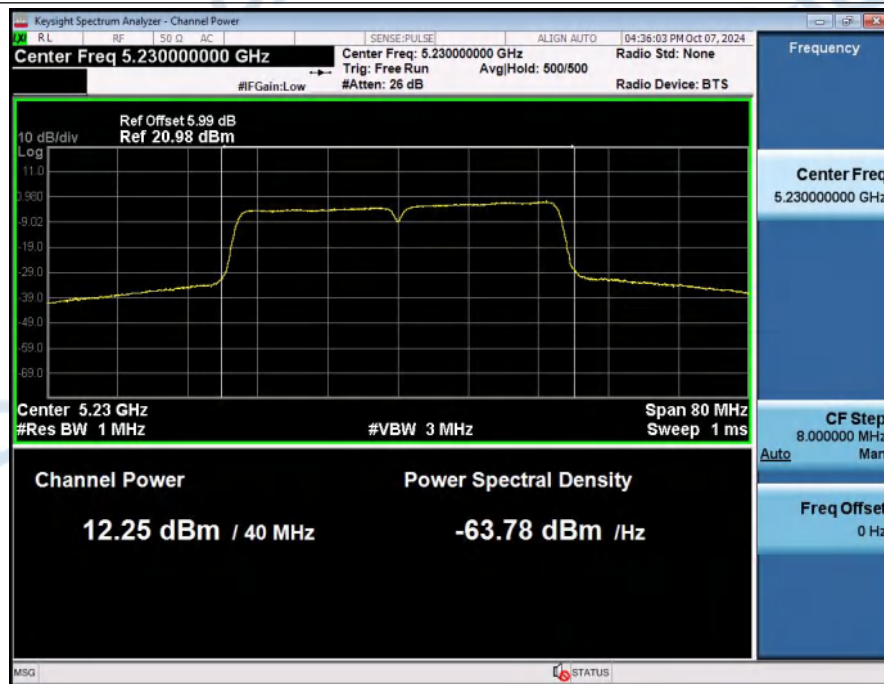
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240\_20M



Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT40)\_5190\_40M



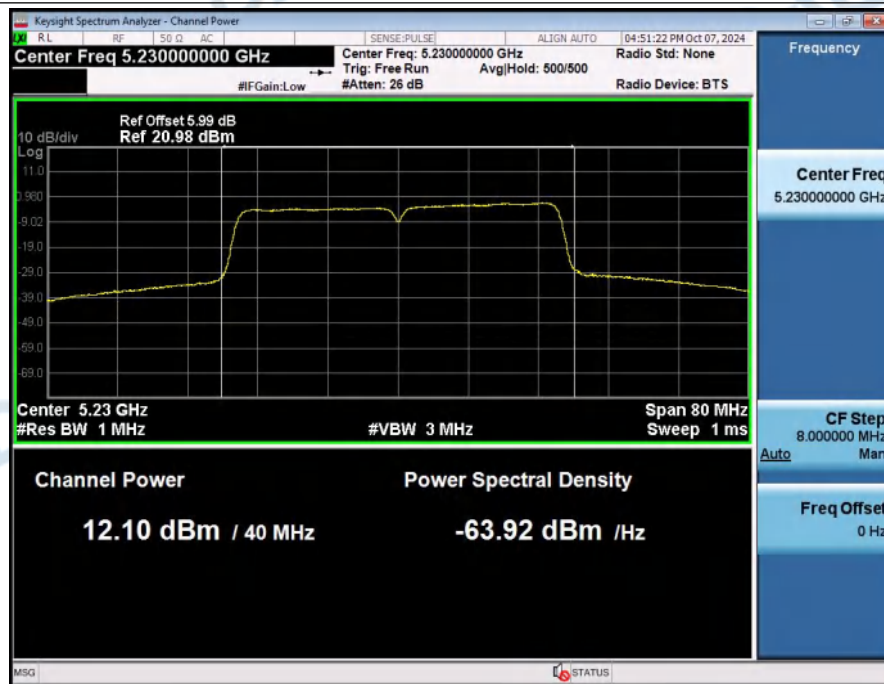
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11n(HT40)\_5230\_40M



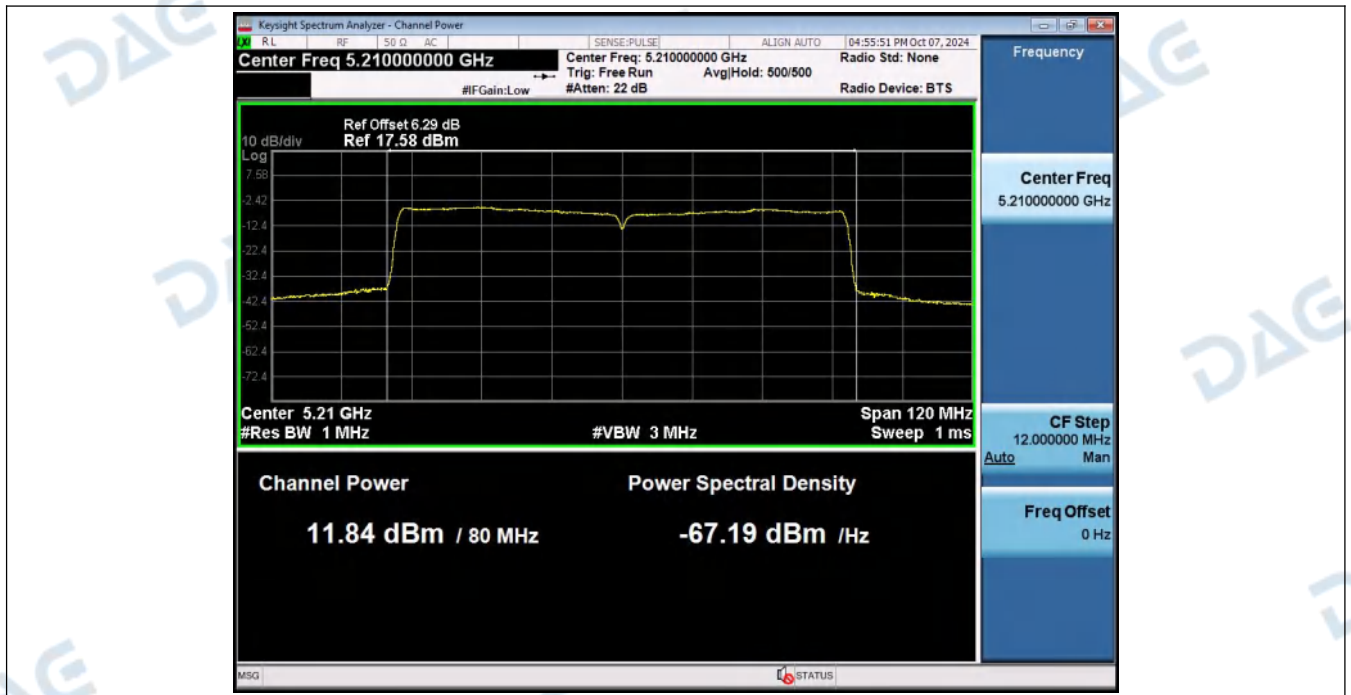
Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190\_40M



Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230\_40M



Maximum\_Conducted\_Output\_Power\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210\_80M



#### 4. Power Spectral Density

| Condition | Antenna | Modulation      | Frequency (MHz) | PSD(dBm/MHz) | Duty factor(dB) | Total PSD(dBm/MHz) | limit(dBm) | Result |
|-----------|---------|-----------------|-----------------|--------------|-----------------|--------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5180.00         | -4.76        | 0.43            | -4.33              | 11         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5200.00         | -3.92        | 0.48            | -3.44              | 11         | Pass   |
| NVNT      | ANT1    | 802.11a         | 5240.00         | -4.30        | 0.43            | -3.87              | 11         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00         | -4.47        | 0.45            | -4.02              | 11         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5200.00         | -4.69        | 0.45            | -4.24              | 11         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00         | -4.57        | 0.52            | -4.05              | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00         | -4.82        | 0.51            | -4.31              | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5200.00         | -3.44        | 0.51            | -2.92              | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00         | -3.27        | 0.45            | -2.82              | 11         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00         | -11.87       | 0.86            | -11.01             | 11         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00         | -12.94       | 0.86            | -12.08             | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00         | -11.10       | 0.86            | -10.24             | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00         | -10.87       | 0.86            | -10.01             | 11         | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00         | -22.43       | 1.58            | -20.85             | 11         | Pass   |

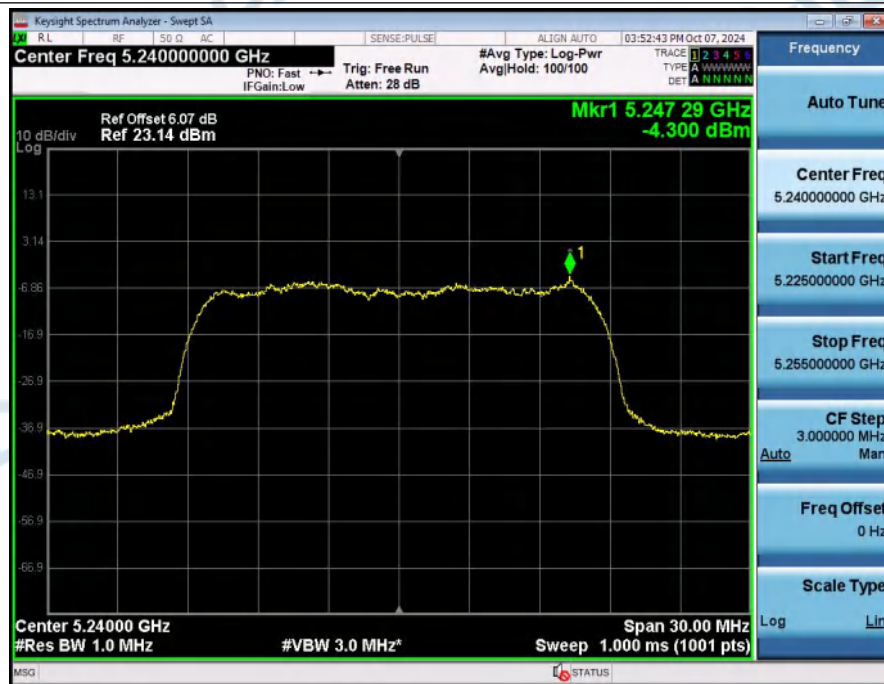
Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11a\_5180



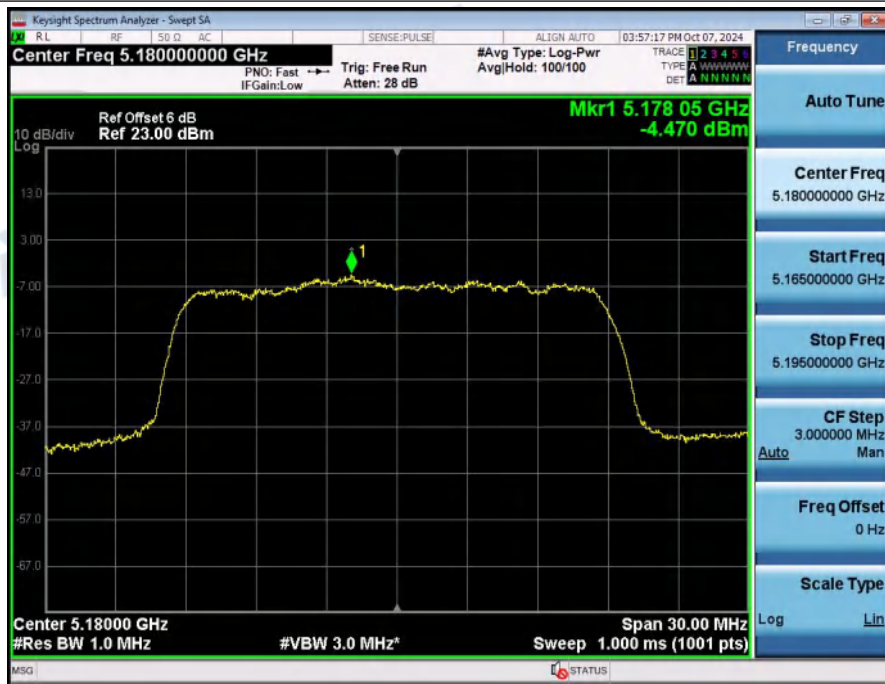
Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11a\_5200



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11a\_5240



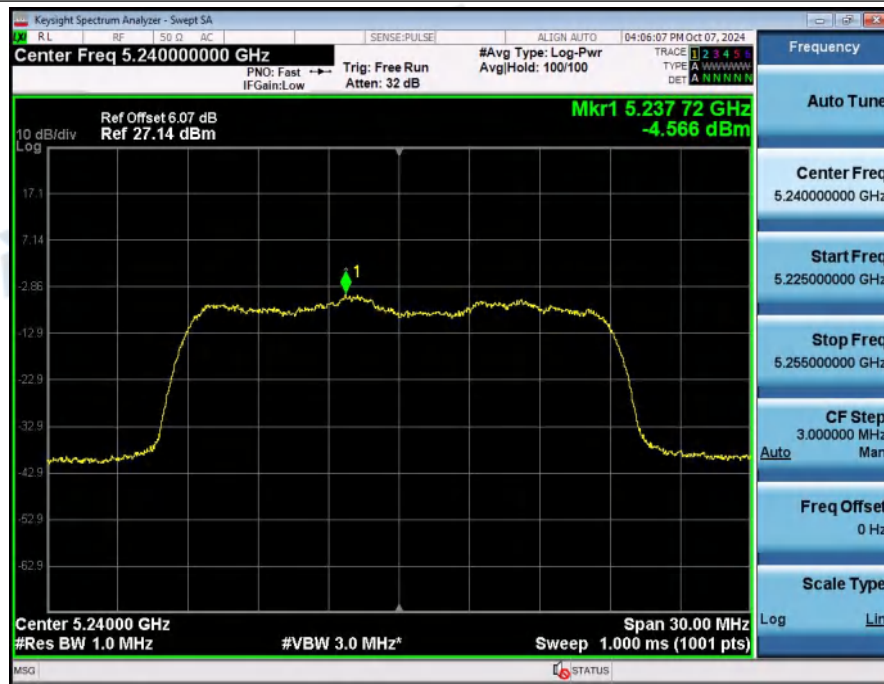
Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT20)\_5180



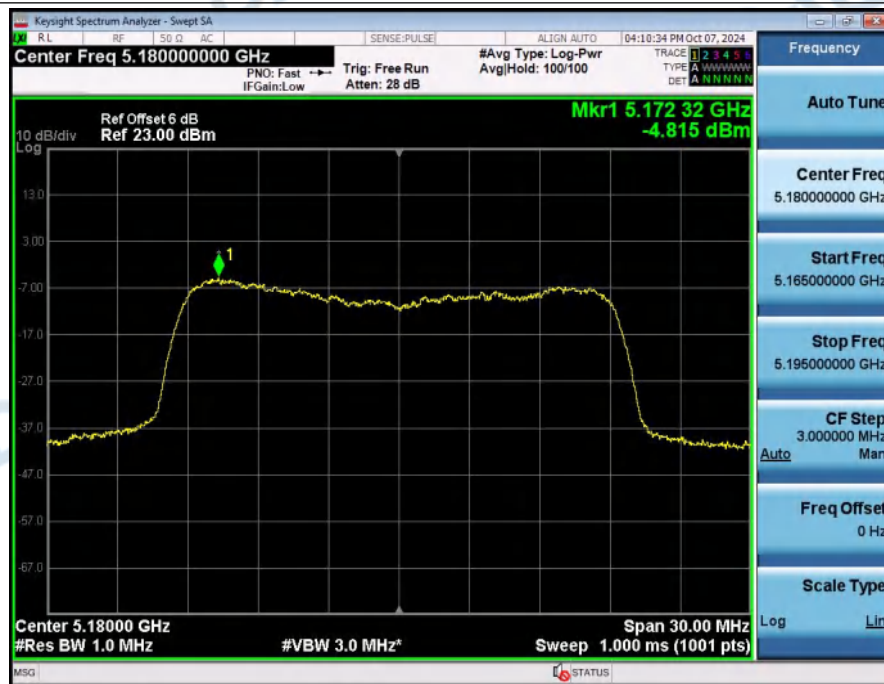
Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT20)\_5200



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT20)\_5240



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT40)\_5190



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT40)\_5230



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190



Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230



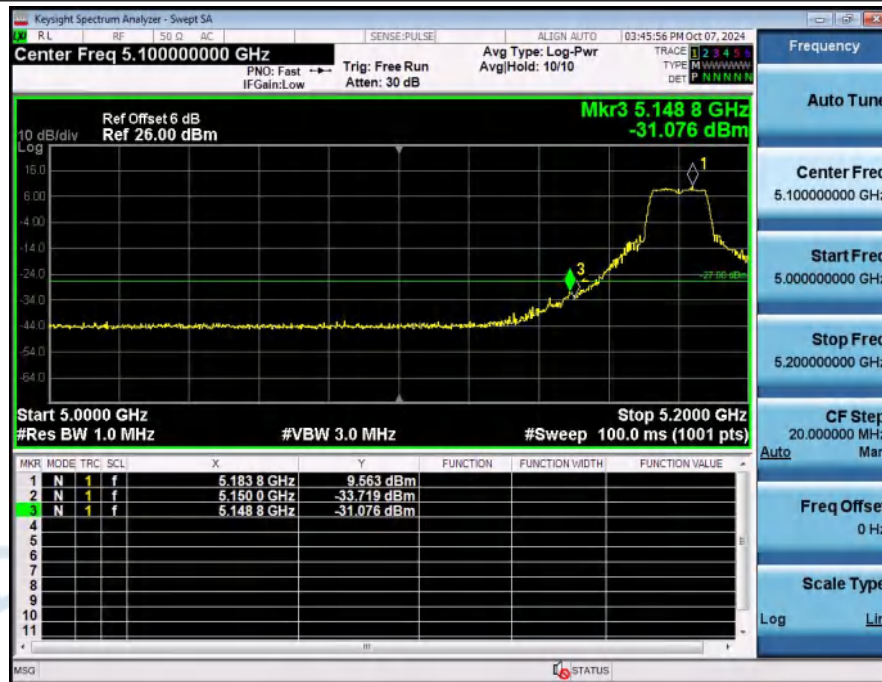
Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210



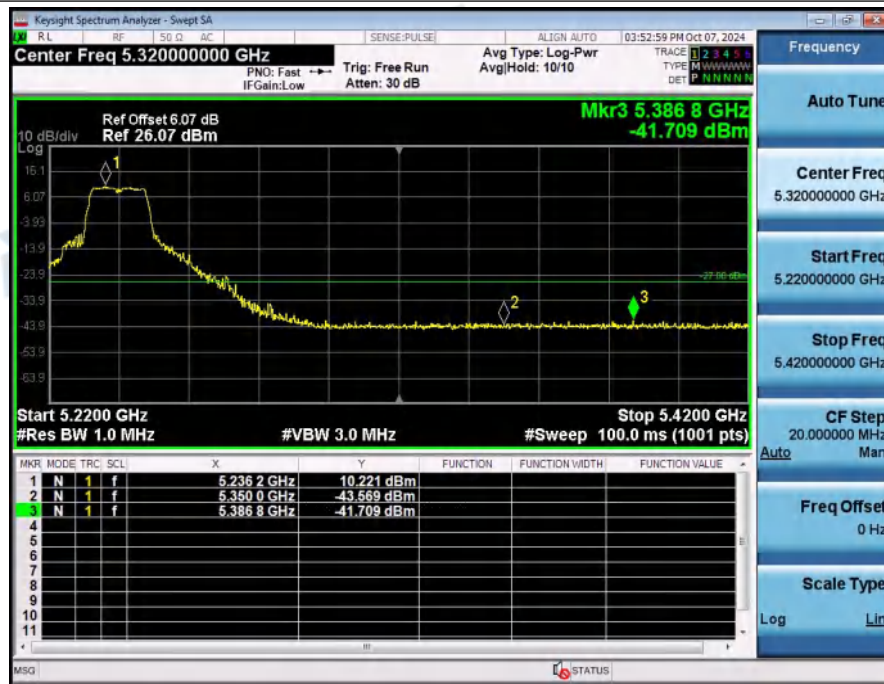
## 5. Bandedge

| Condition | Antenna | Modulation      | TX_Frequency (MHz) | Max. Mark Frequency(MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-----------------|--------------------|--------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5180.00            | 5148.80                  | -31.08              | -27        | Pass   |
| NVNT      | ANT1    | 802.11a         | 5240.00            | 5386.80                  | -41.71              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00            | 5149.40                  | -27.75              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00            | 5359.60                  | -41.50              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00            | 5004.80                  | -33.28              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00            | 5358.80                  | -42.33              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00            | 5149.52                  | -30.35              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00            | 5360.15                  | -41.84              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00            | 5149.10                  | -36.84              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00            | 5385.14                  | -41.85              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00            | 5147.42                  | -29.76              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00            | 5360.78                  | -41.52              | -27        | Pass   |

Bandedge\_NVNT\_ANT1\_802\_11a\_5180



Bandedge\_NVNT\_ANT1\_802\_11a\_5240



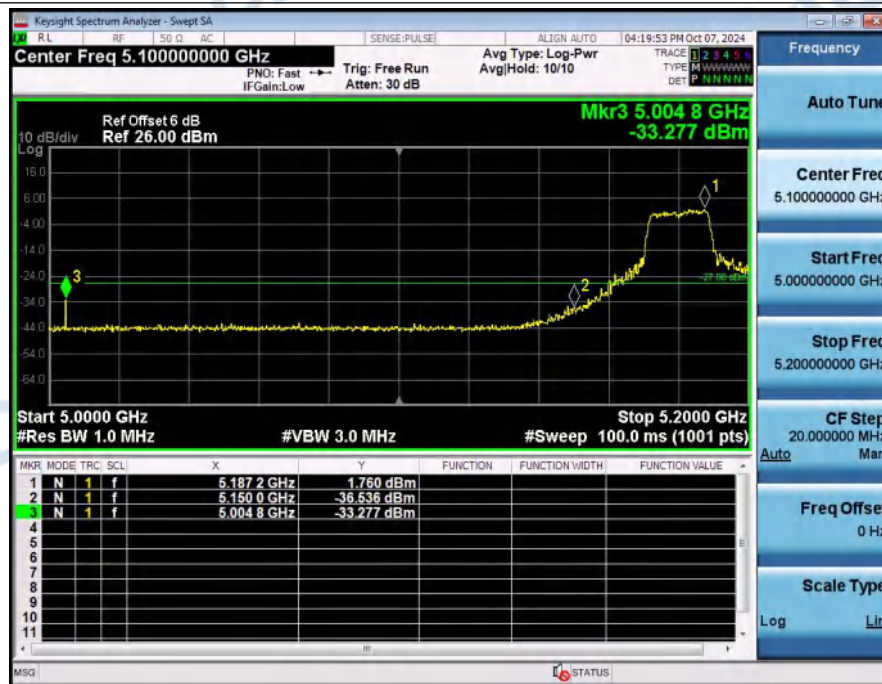
Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5180



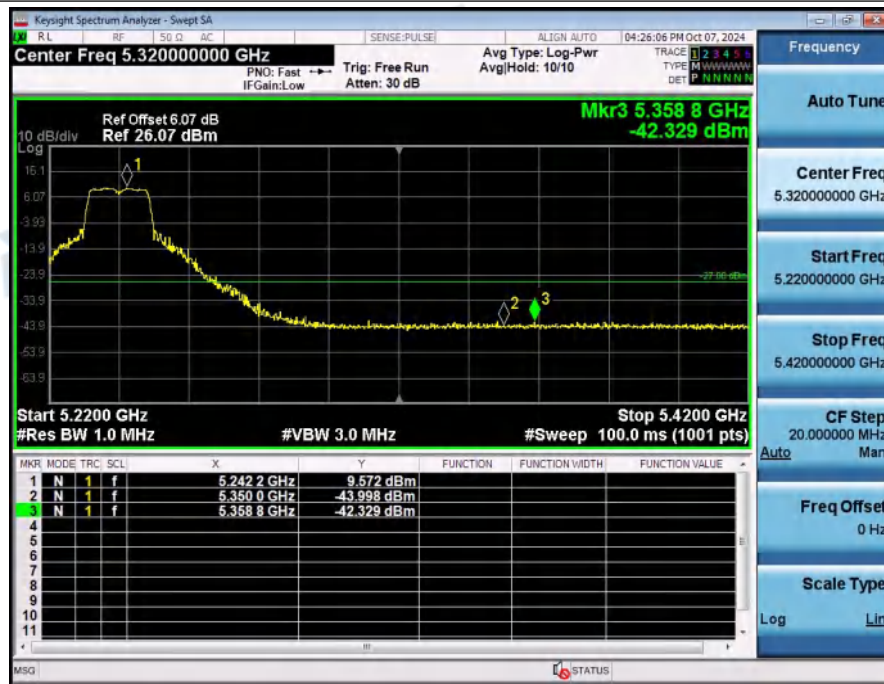
Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5240



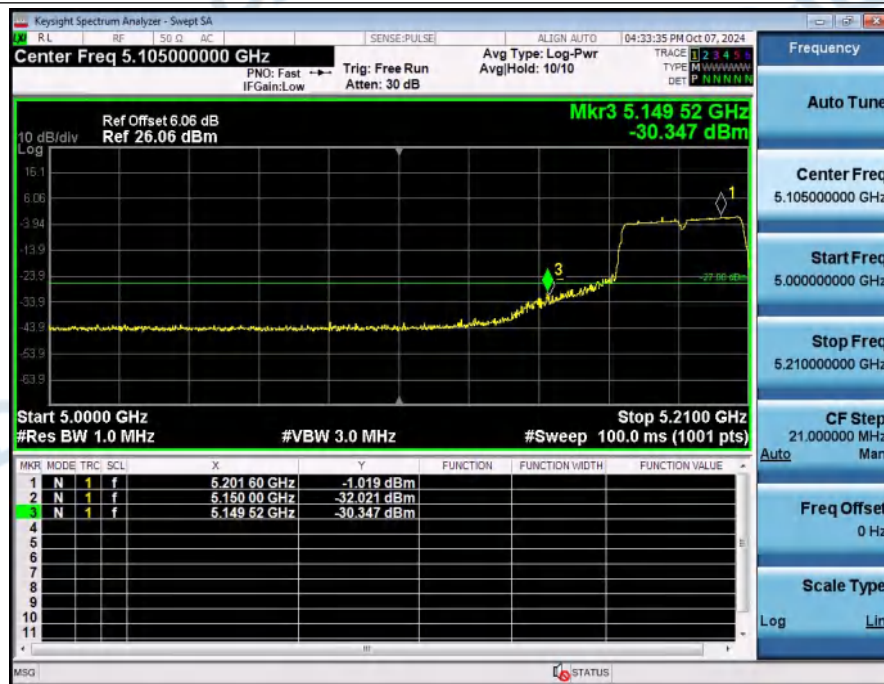
Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180



Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240



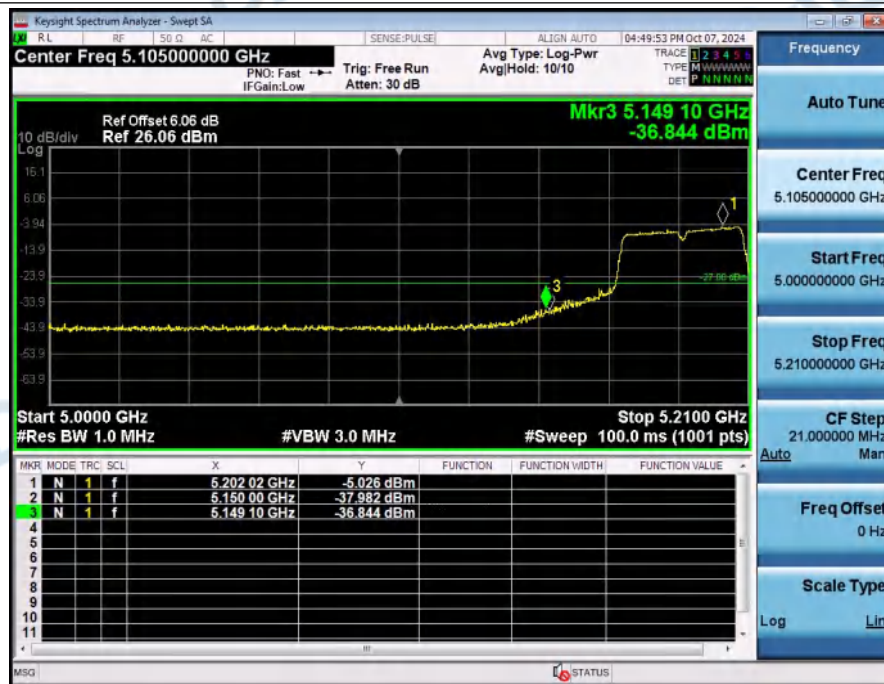
Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5190



Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5230



Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190



Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230



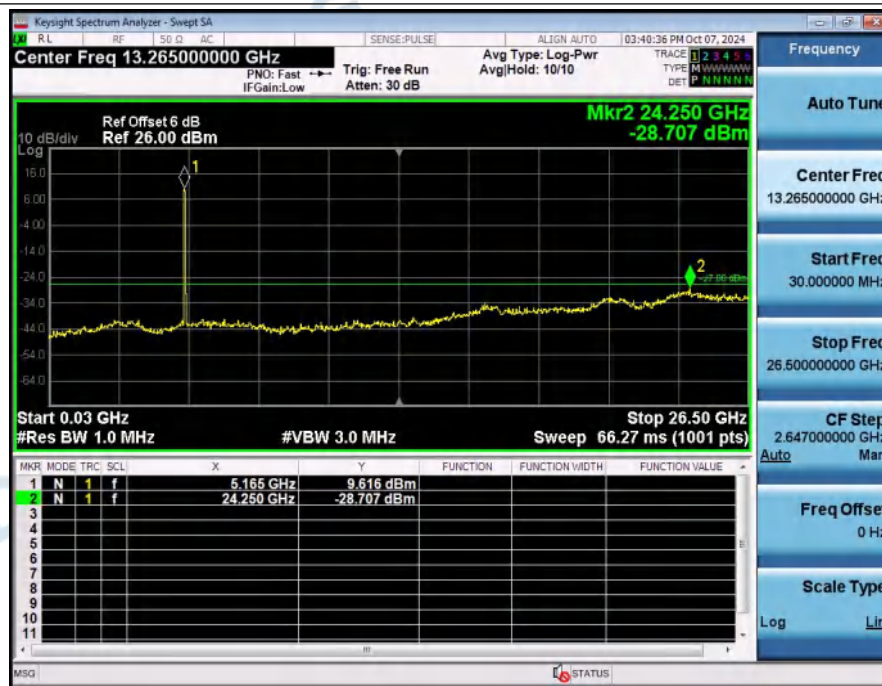
### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210



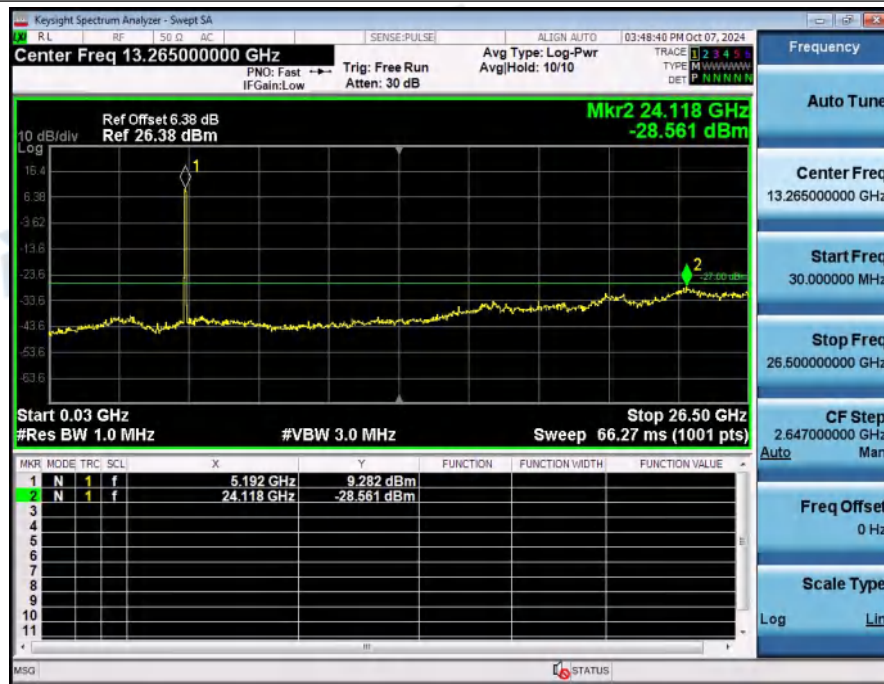
## 6. Spurious Emission

| Condition | Antenna | Modulation      | TX_Frequency (MHz) | Max. Mark Frequency(MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-----------------|--------------------|--------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | 5180.00            | 24250.05                 | -28.71              | -27        | Pass   |
| NVNT      | ANT1    | 802.11a         | 5200.00            | 24117.70                 | -28.56              | -27        | Pass   |
| NVNT      | ANT1    | 802.11a         | 5240.00            | 24302.99                 | -29.18              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5180.00            | 24011.82                 | -28.92              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5200.00            | 24329.46                 | -28.43              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | 5240.00            | 24408.87                 | -29.58              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5180.00            | 24117.70                 | -28.50              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5200.00            | 24170.64                 | -29.30              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | 5240.00            | 24302.99                 | -29.18              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5190.00            | 24170.64                 | -28.41              | -27        | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | 5230.00            | 24435.34                 | -28.88              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5190.00            | 24091.23                 | -29.62              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT40) | 5230.00            | 24144.17                 | -28.42              | -27        | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT80) | 5210.00            | 24355.93                 | -28.91              | -27        | Pass   |

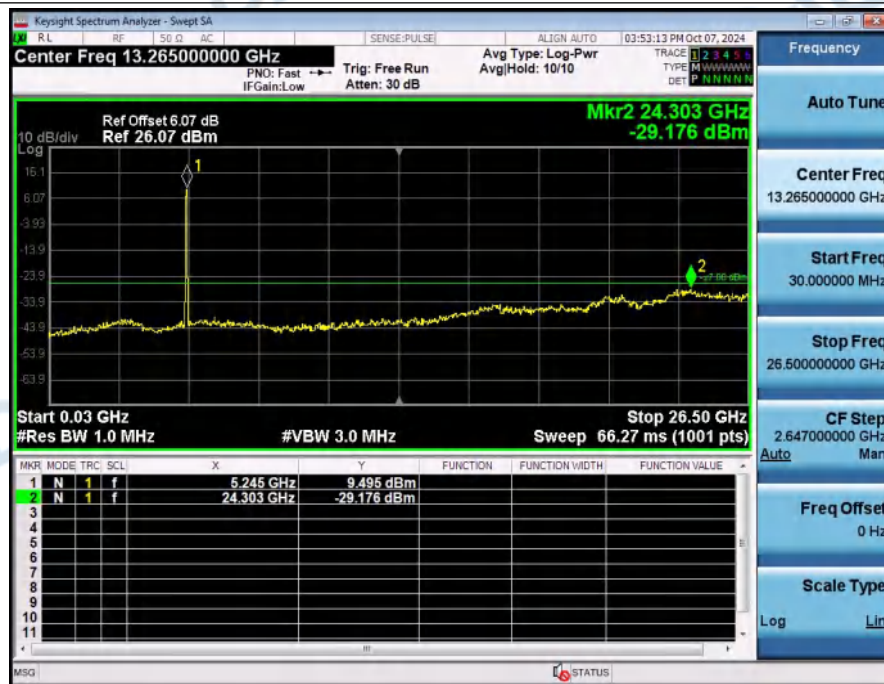
Spurious\_Emission\_NVNT\_ANT1\_802\_11a\_5180\_20M



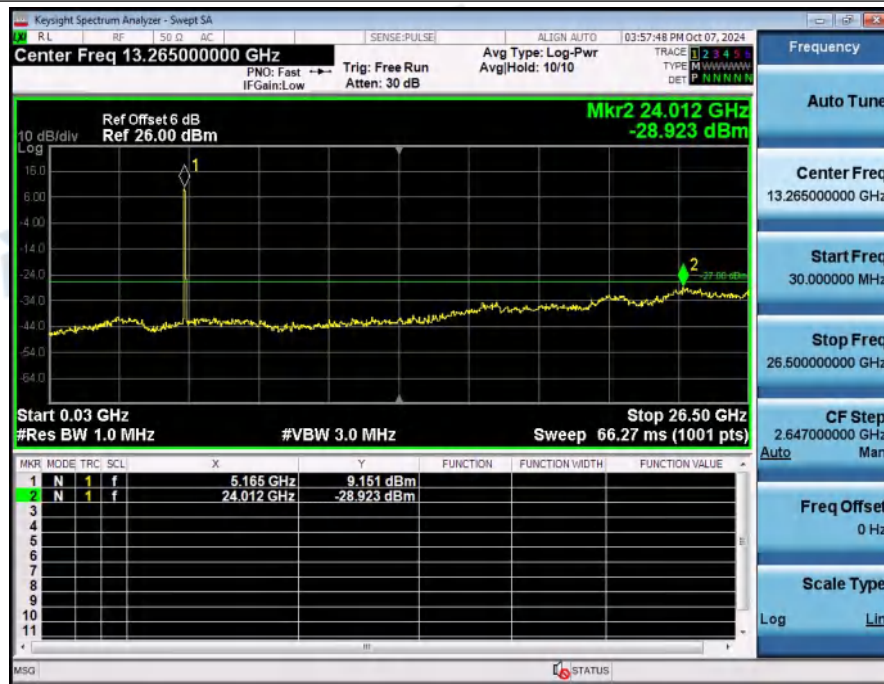
Spurious\_Emission\_NVNT\_ANT1\_802\_11a\_5200\_20M



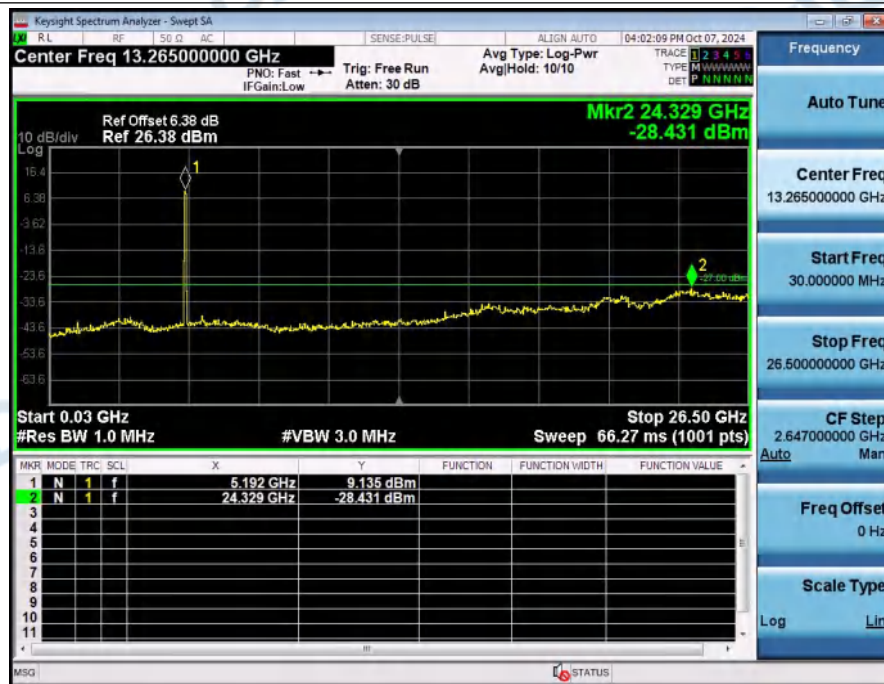
### Spurious\_Emission\_NVNT\_ANT1\_802\_11a\_5240\_20M



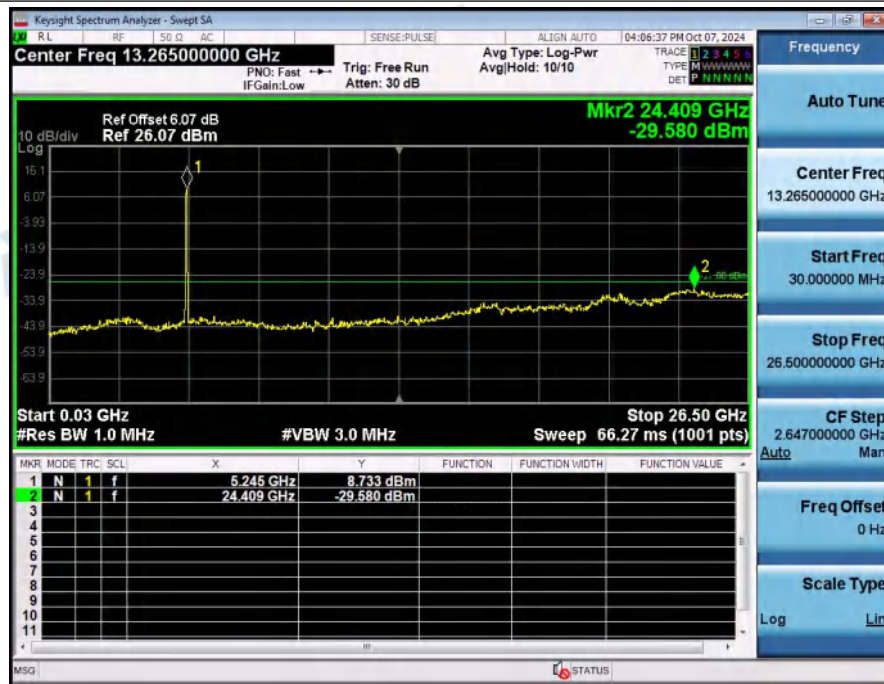
### Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_5180\_20M



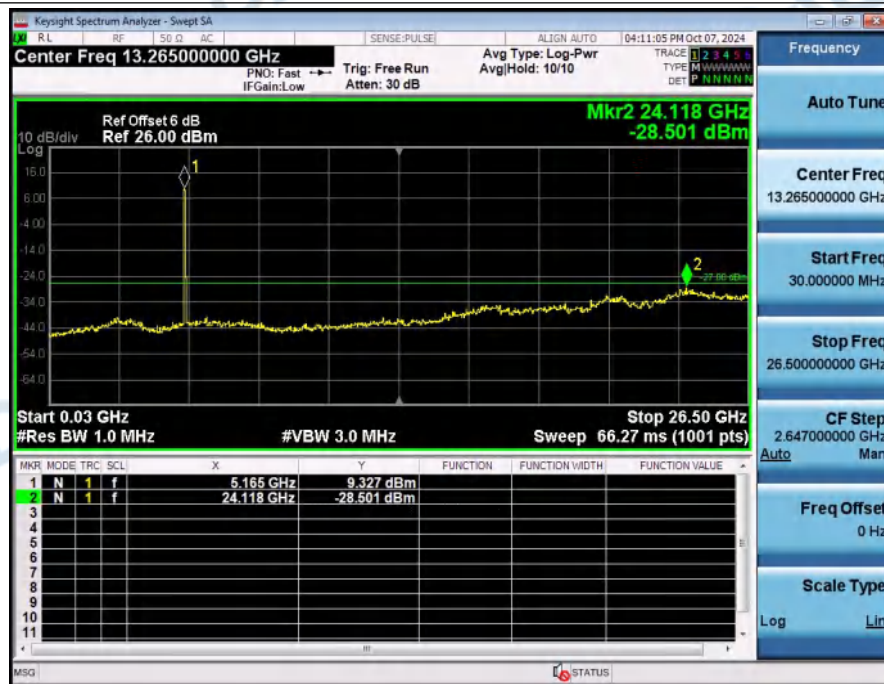
Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_5200\_20M



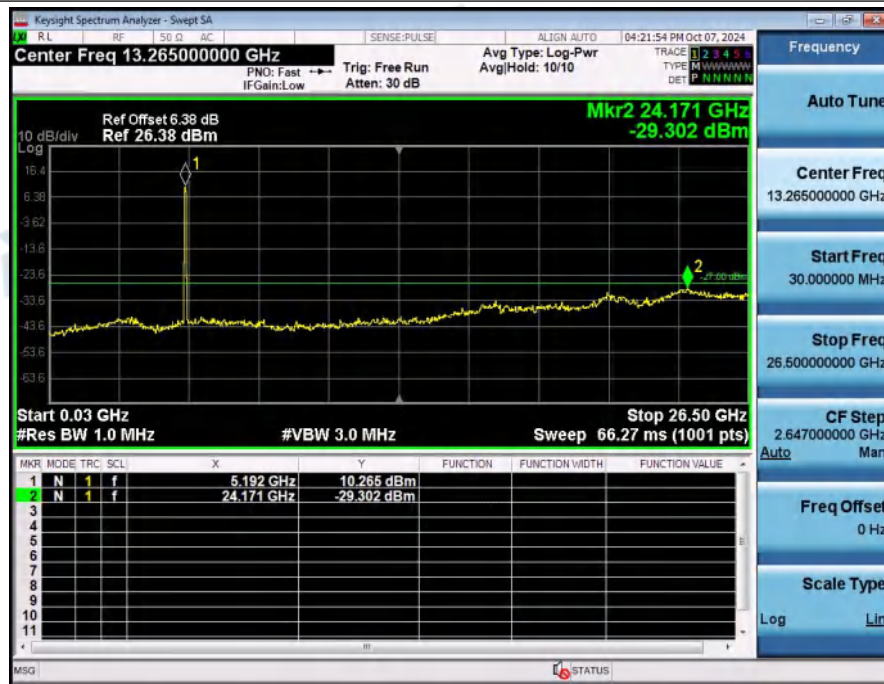
Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_5240\_20M



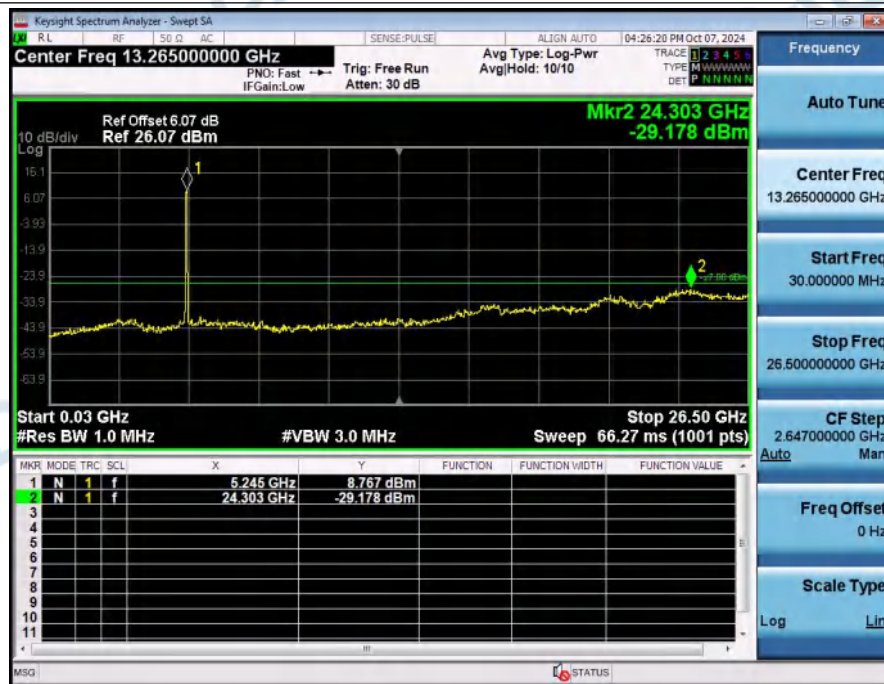
Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180\_20M



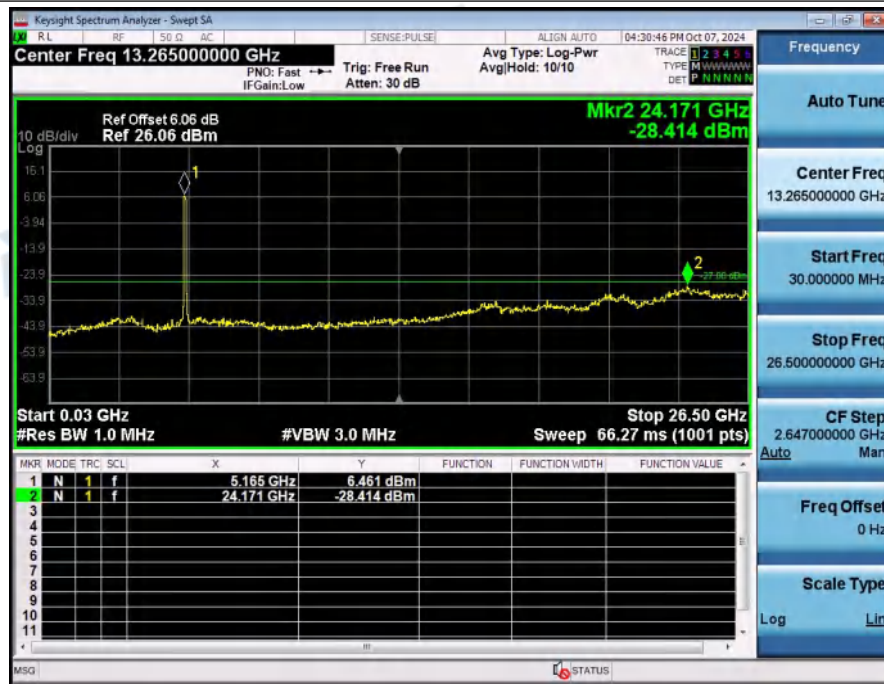
Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200\_20M



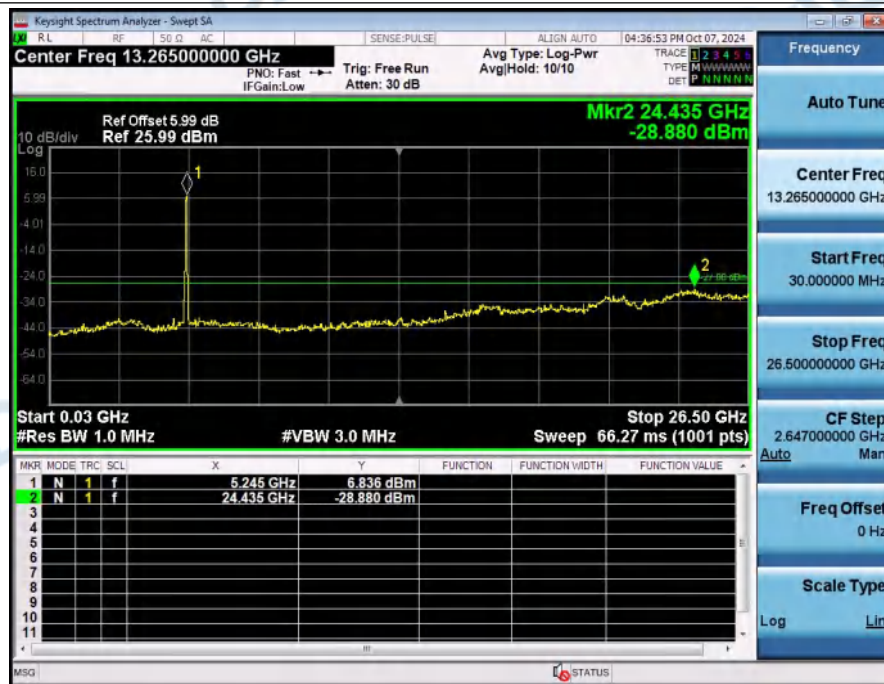
#### Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240\_20M



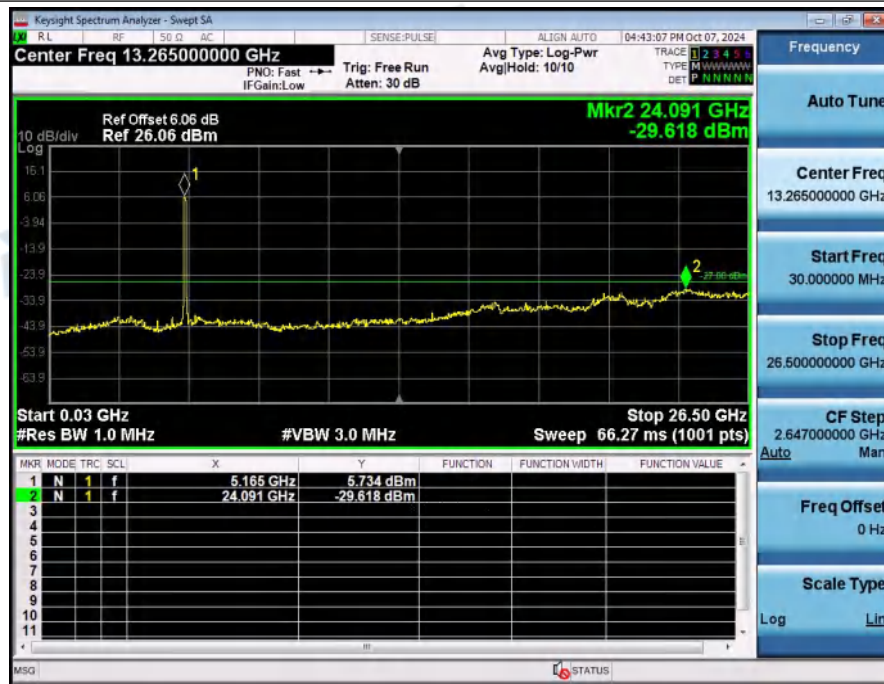
#### Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT40)\_5190\_40M



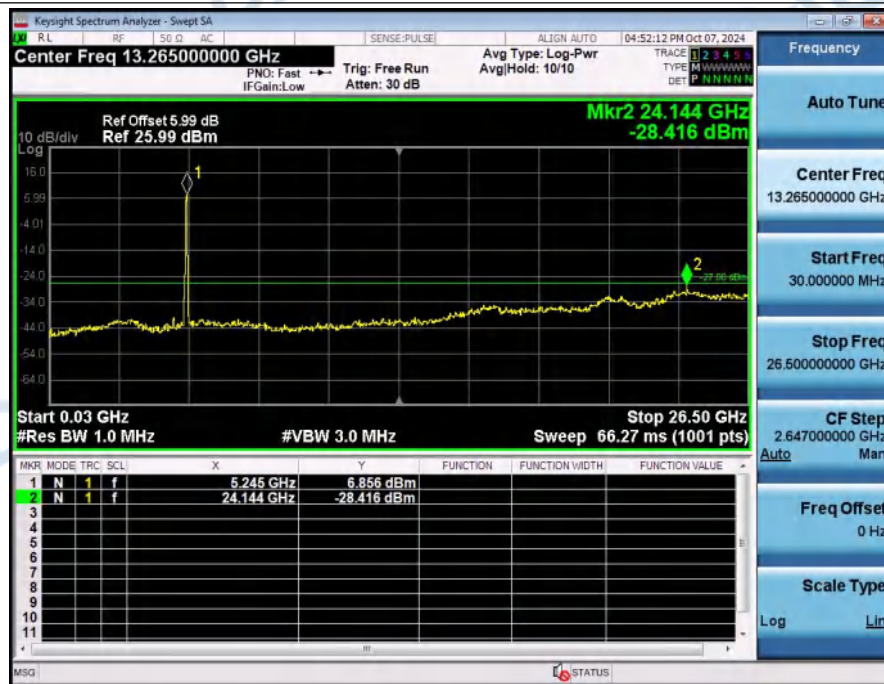
#### Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT40)\_5230\_40M



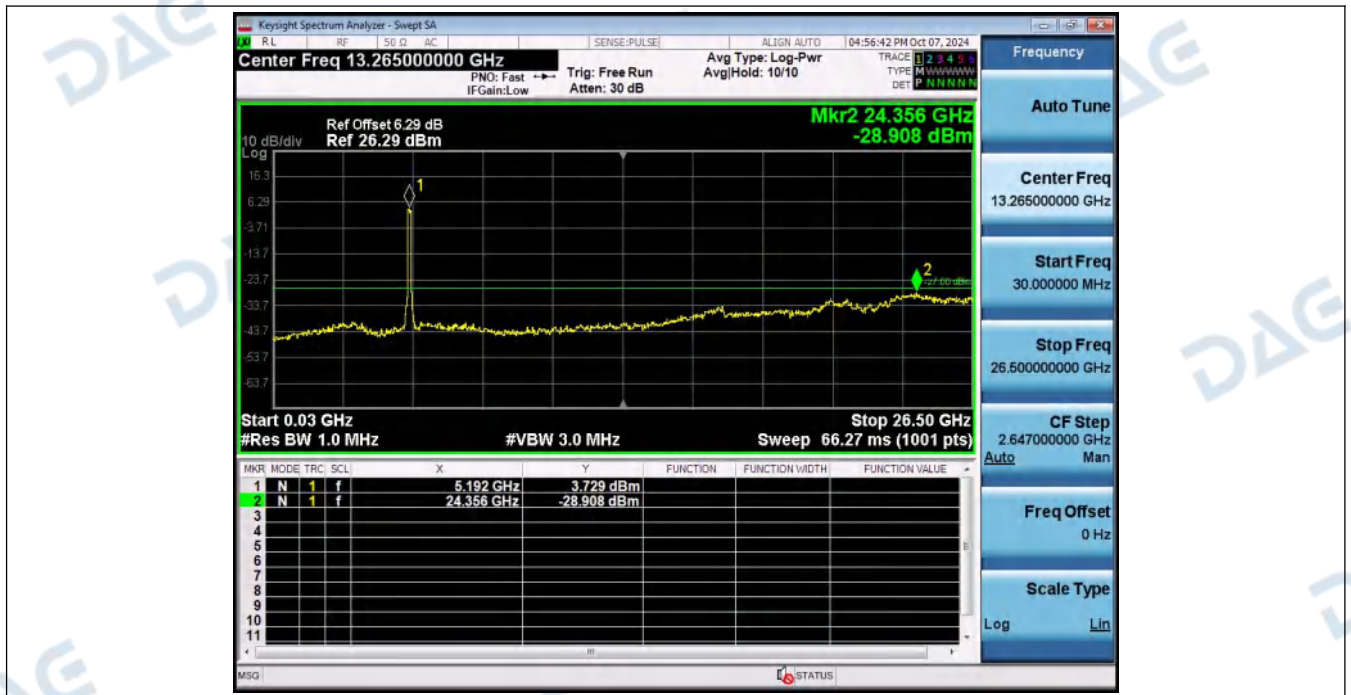
#### Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190\_40M



#### Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230\_40M



#### Spurious\_Emission\_NVNT\_ANT1\_802\_11ac(VHT80)\_5210\_80M



## 7. Frequency Stability

| Condition           | Antenna | Modulation | Frequency (MHz) | Fc(MHz)  | Fl(MHz)  | Fh(MHz)  | Limit(MHz) | Result |
|---------------------|---------|------------|-----------------|----------|----------|----------|------------|--------|
| 55degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5180.024 | 5171.320 | 5188.728 | 5150~5250  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.976 | 5171.592 | 5188.360 | 5150~5250  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.990 | 5171.740 | 5188.240 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.976 | 5171.824 | 5188.128 | 5150~5250  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.984 | 5171.900 | 5188.068 | 5150~5250  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a    | 5180.00         | 5179.972 | 5171.948 | 5187.996 | 5150~5250  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.974 | 5172.000 | 5187.948 | 5150~5250  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a    | 5180.00         | 5179.968 | 5172.044 | 5187.892 | 5150~5250  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a    | 5180.00         | 5179.960 | 5172.096 | 5187.824 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5180.00         | 5179.922 | 5172.132 | 5187.712 | 5150~5250  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a    | 5180.00         | 5179.958 | 5172.176 | 5187.740 | 5150~5250  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.034 | 5191.320 | 5208.748 | 5150~5250  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.028 | 5191.612 | 5208.444 | 5150~5250  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.018 | 5191.760 | 5208.276 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.016 | 5191.848 | 5208.184 | 5150~5250  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.016 | 5191.904 | 5208.128 | 5150~5250  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a    | 5200.00         | 5200.010 | 5191.956 | 5208.064 | 5150~5250  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.014 | 5192.008 | 5208.020 | 5150~5250  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a    | 5200.00         | 5200.002 | 5192.056 | 5207.948 | 5150~5250  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a    | 5200.00         | 5200.010 | 5192.100 | 5207.920 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5200.00         | 5200.012 | 5192.144 | 5207.880 | 5150~5250  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a    | 5200.00         | 5200.002 | 5192.184 | 5207.820 | 5150~5250  | Pass   |
| 55degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5240.040 | 5231.348 | 5248.732 | 5150~5250  | Pass   |
| 45degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5240.006 | 5231.612 | 5248.400 | 5150~5250  | Pass   |
| 35degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5240.000 | 5231.748 | 5248.252 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5239.994 | 5231.828 | 5248.160 | 5150~5250  | Pass   |
| 15degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5239.988 | 5231.896 | 5248.080 | 5150~5250  | Pass   |
| 5degrees C&&3.80V   | ANT1    | 802.11a    | 5240.00         | 5239.972 | 5231.948 | 5247.996 | 5150~5250  | Pass   |
| -5degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5239.992 | 5231.996 | 5247.988 | 5150~5250  | Pass   |
| -15degrees C&&3.80V | ANT1    | 802.11a    | 5240.00         | 5239.978 | 5232.044 | 5247.912 | 5150~5250  | Pass   |
| 25degrees C&&4.37V  | ANT1    | 802.11a    | 5240.00         | 5239.978 | 5232.092 | 5247.864 | 5150~5250  | Pass   |
| 25degrees C&&3.80V  | ANT1    | 802.11a    | 5240.00         | 5239.972 | 5232.136 | 5247.808 | 5150~5250  | Pass   |
| 25degrees C&&3.23V  | ANT1    | 802.11a    | 5240.00         | 5239.970 | 5232.180 | 5247.760 | 5150~5250  | Pass   |