

## Test Report

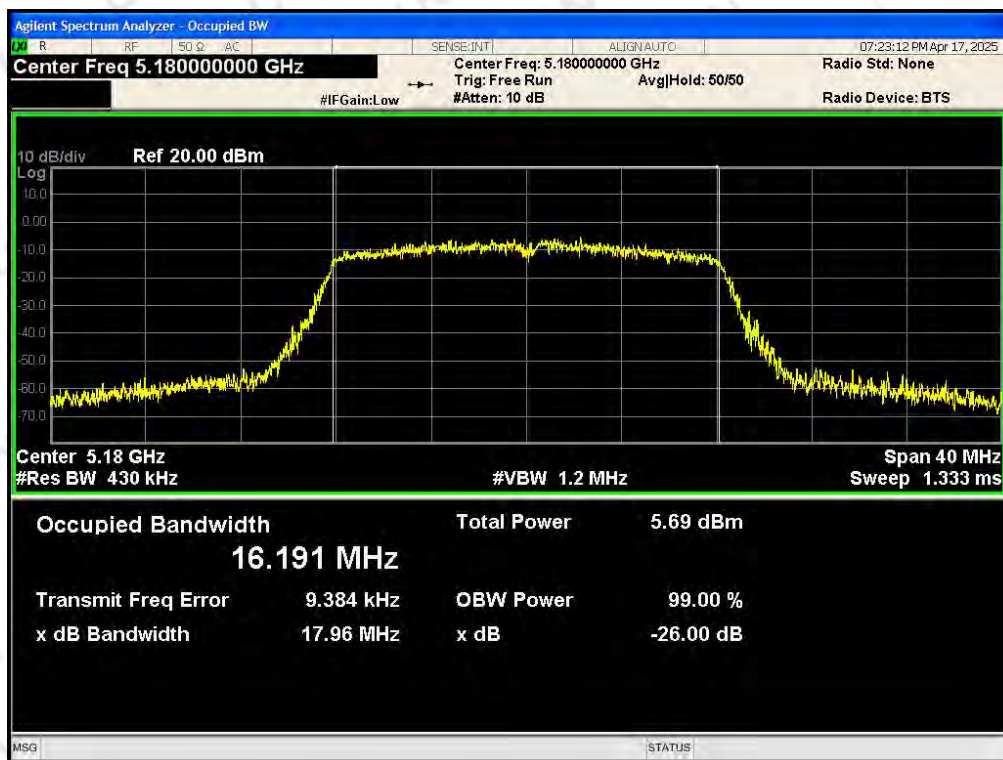
### 5G WIFI B1 RF test data

## -26 dB Bandwidth

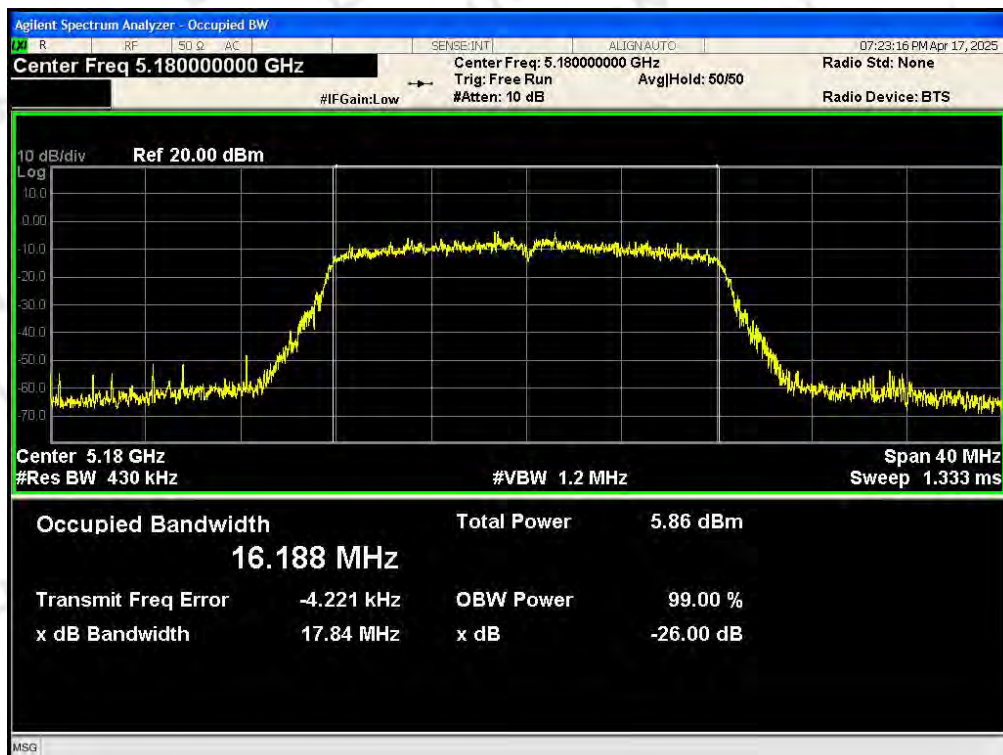
| Condition | Mode          | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|---------------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 802.11a       | 5180            | Ant 0   | 17.96                  | N/A                          | Pass    |
| NVNT      | 802.11a       | 5180            | Ant 1   | 17.84                  | N/A                          | Pass    |
| NVNT      | 802.11a       | 5200            | Ant 0   | 18.53                  | N/A                          | Pass    |
| NVNT      | 802.11a       | 5200            | Ant 1   | 17.87                  | N/A                          | Pass    |
| NVNT      | 802.11a       | 5240            | Ant 0   | 18.04                  | N/A                          | Pass    |
| NVNT      | 802.11a       | 5240            | Ant 1   | 18.19                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5180            | Ant 0   | 19.05                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5180            | Ant 1   | 19.04                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5200            | Ant 0   | 19.03                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5200            | Ant 1   | 19.01                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5240            | Ant 0   | 19.08                  | N/A                          | Pass    |
| NVNT      | 802.11ac20    | 5240            | Ant 1   | 18.94                  | N/A                          | Pass    |
| NVNT      | 802.11ac40    | 5190            | Ant 0   | 38.78                  | N/A                          | Pass    |
| NVNT      | 802.11ac40    | 5190            | Ant 1   | 38.52                  | N/A                          | Pass    |
| NVNT      | 802.11ac40    | 5230            | Ant 0   | 38.85                  | N/A                          | Pass    |
| NVNT      | 802.11ac40    | 5230            | Ant 1   | 39.03                  | N/A                          | Pass    |
| NVNT      | 802.11ac80    | 5210            | Ant 0   | 80.09                  | N/A                          | Pass    |
| NVNT      | 802.11ac80    | 5210            | Ant 1   | 85.82                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5180            | Ant 0   | 19.94                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5180            | Ant 1   | 20.24                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5200            | Ant 0   | 20.24                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5200            | Ant 1   | 20.10                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5240            | Ant 0   | 20.02                  | N/A                          | Pass    |
| NVNT      | 802.11ax20    | 5240            | Ant 1   | 20.10                  | N/A                          | Pass    |
| NVNT      | 802.11ax40    | 5190            | Ant 0   | 39.62                  | N/A                          | Pass    |
| NVNT      | 802.11ax40    | 5190            | Ant 1   | 39.59                  | N/A                          | Pass    |
| NVNT      | 802.11ax40    | 5230            | Ant 0   | 39.60                  | N/A                          | Pass    |
| NVNT      | 802.11ax40    | 5230            | Ant 1   | 39.65                  | N/A                          | Pass    |
| NVNT      | 802.11ax80    | 5210            | Ant 0   | 78.95                  | N/A                          | Pass    |
| NVNT      | 802.11ax80    | 5210            | Ant 1   | 82.40                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5180            | Ant 0   | 19.16                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5180            | Ant 1   | 19.07                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5200            | Ant 0   | 19.16                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5200            | Ant 1   | 19.22                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5240            | Ant 0   | 19.10                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT20) | 5240            | Ant 1   | 19.07                  | N/A                          | Pass    |
| NVNT      | 802.11n(HT40) | 5190            | Ant 0   | 38.83                  | N/A                          | Pass    |

|      |               |      |       |       |     |      |
|------|---------------|------|-------|-------|-----|------|
| NVNT | 802.11n(HT40) | 5190 | Ant 1 | 38.65 | N/A | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 0 | 38.72 | N/A | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 1 | 38.96 | N/A | Pass |

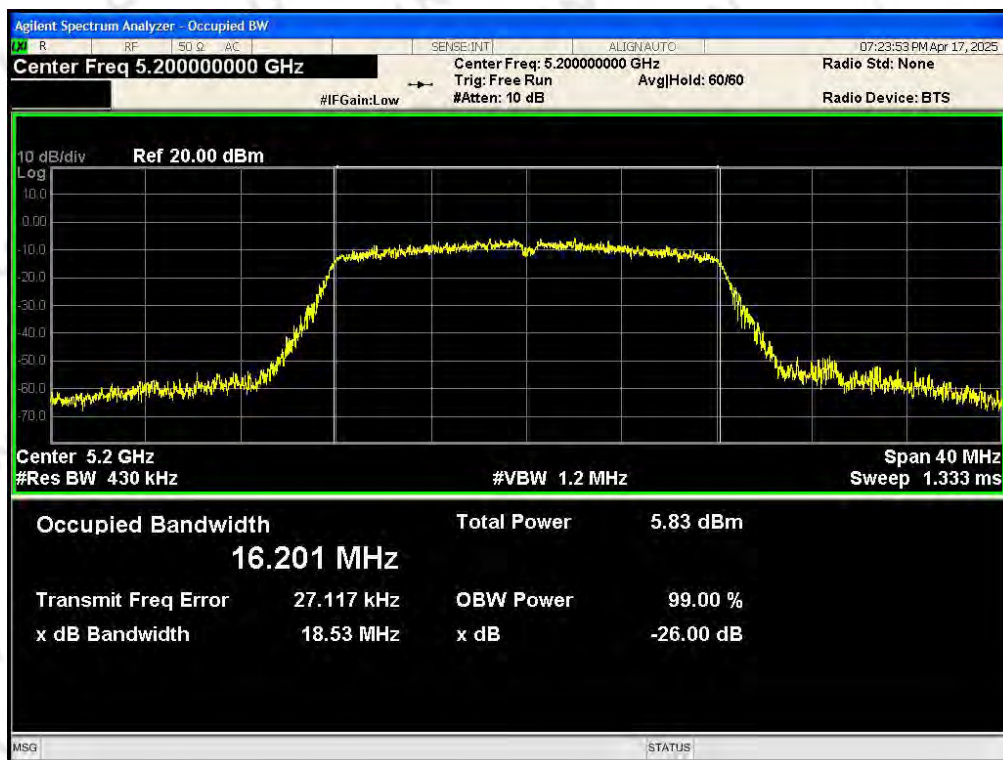
## -26 dB Bandwidth NVNT 802.11a 5180MHz Ant0



## -26 dB Bandwidth NVNT 802.11a 5180MHz Ant1



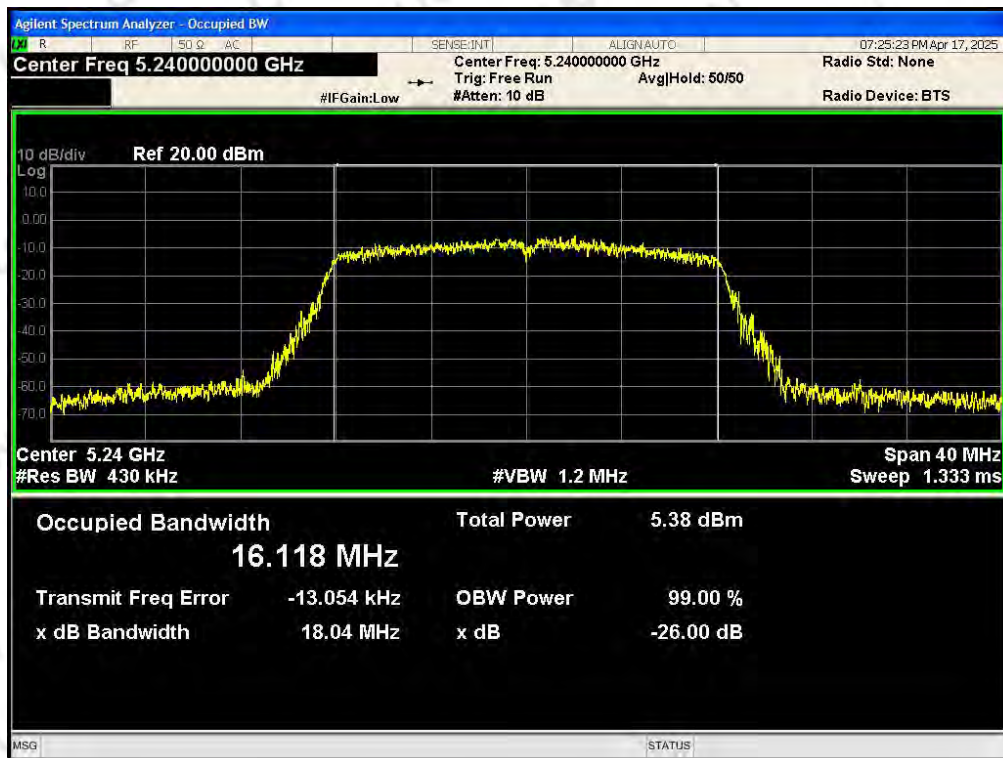
-26 dB Bandwidth NVNT 802.11a 5200MHz Ant0



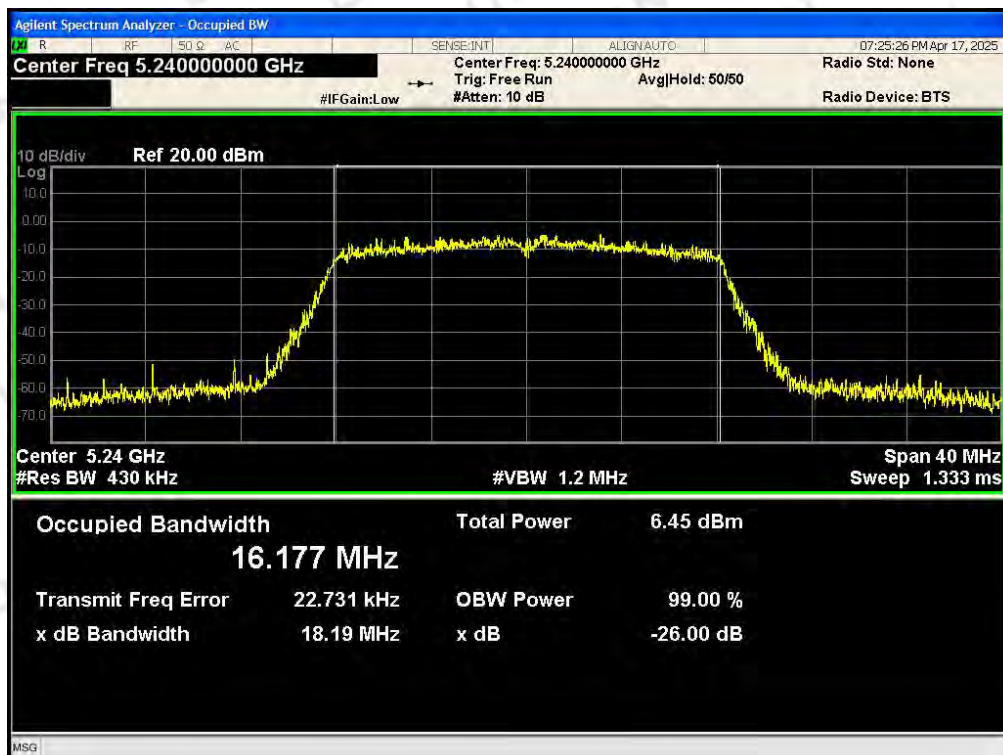
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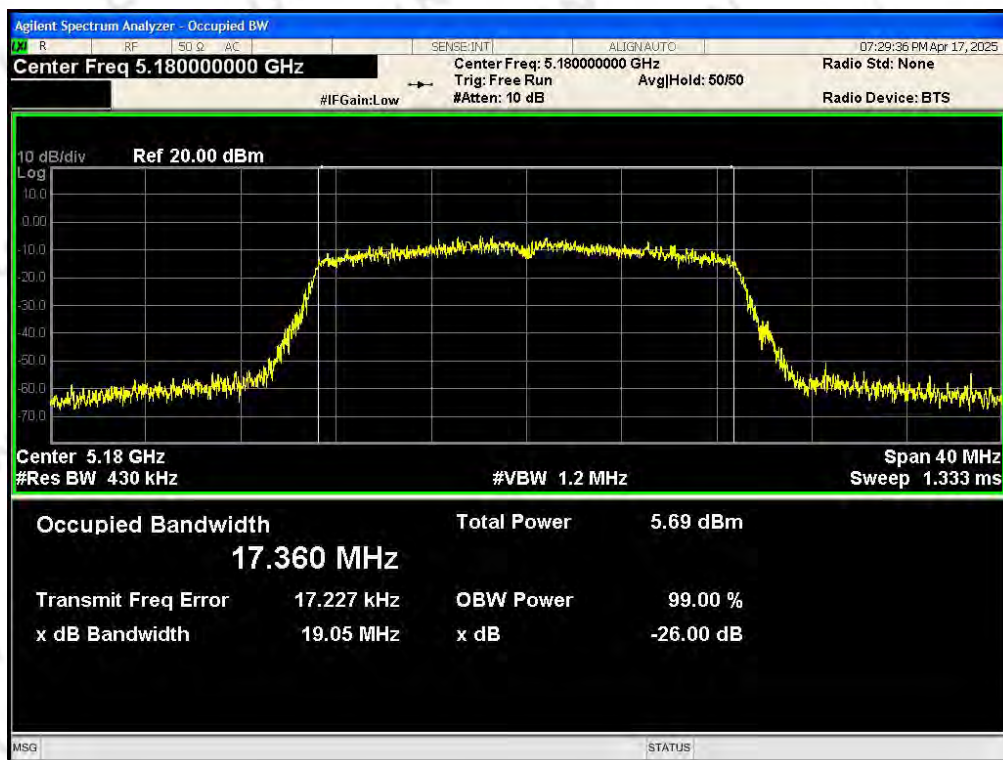
# -26 dB Bandwidth NVNT 802.11a 5240MHz Ant0



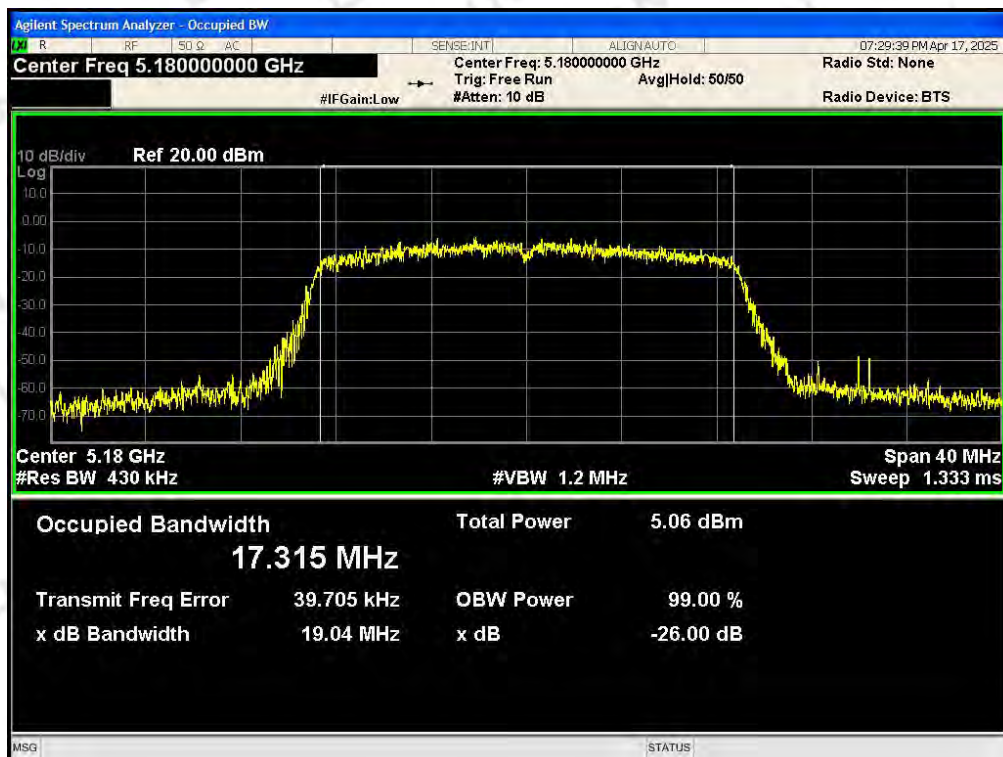
# -26 dB Bandwidth NVNT 802.11a 5240MHz Ant1



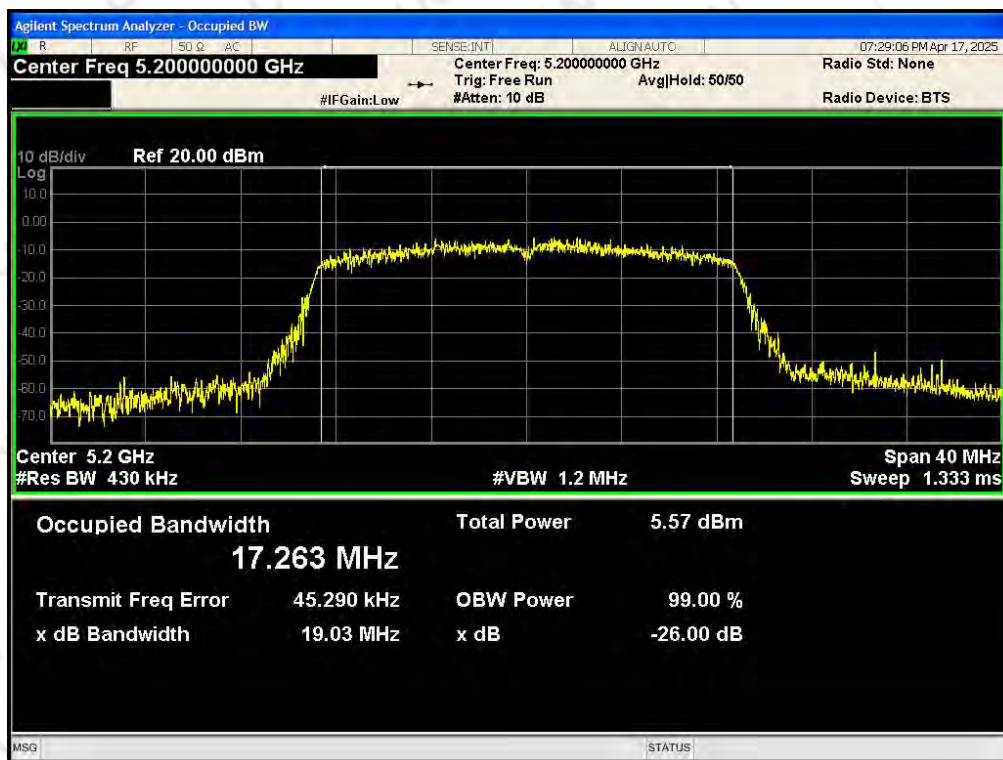
## -26 dB Bandwidth NVNT 802.11ac20 5180MHz Ant0



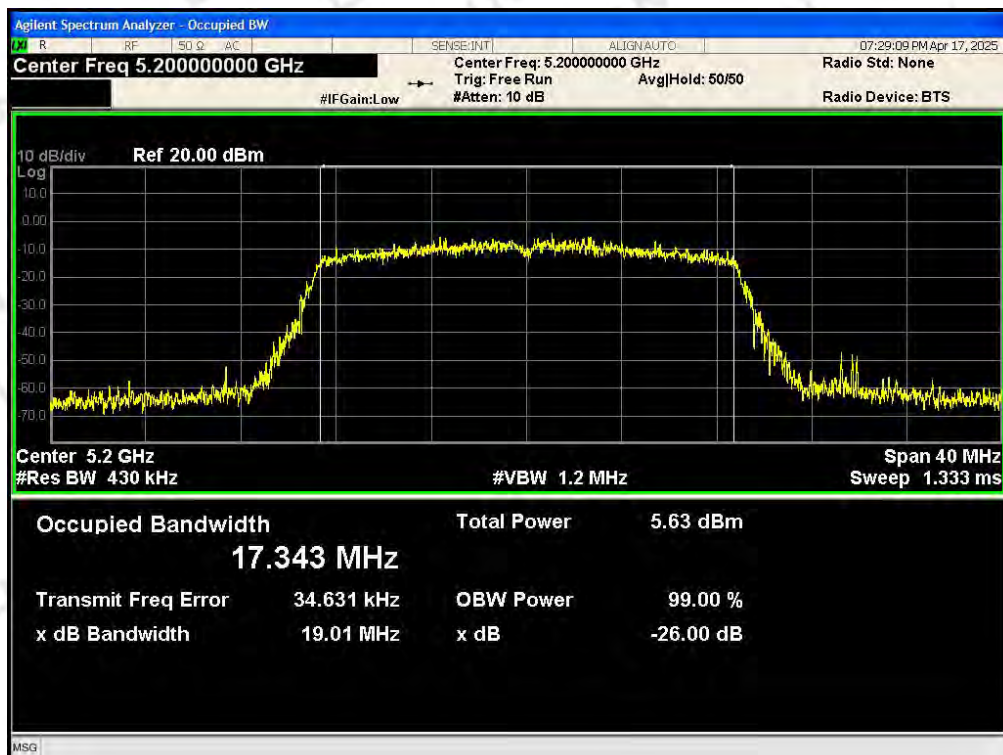
## -26 dB Bandwidth NVNT 802.11ac20 5180MHz Ant1



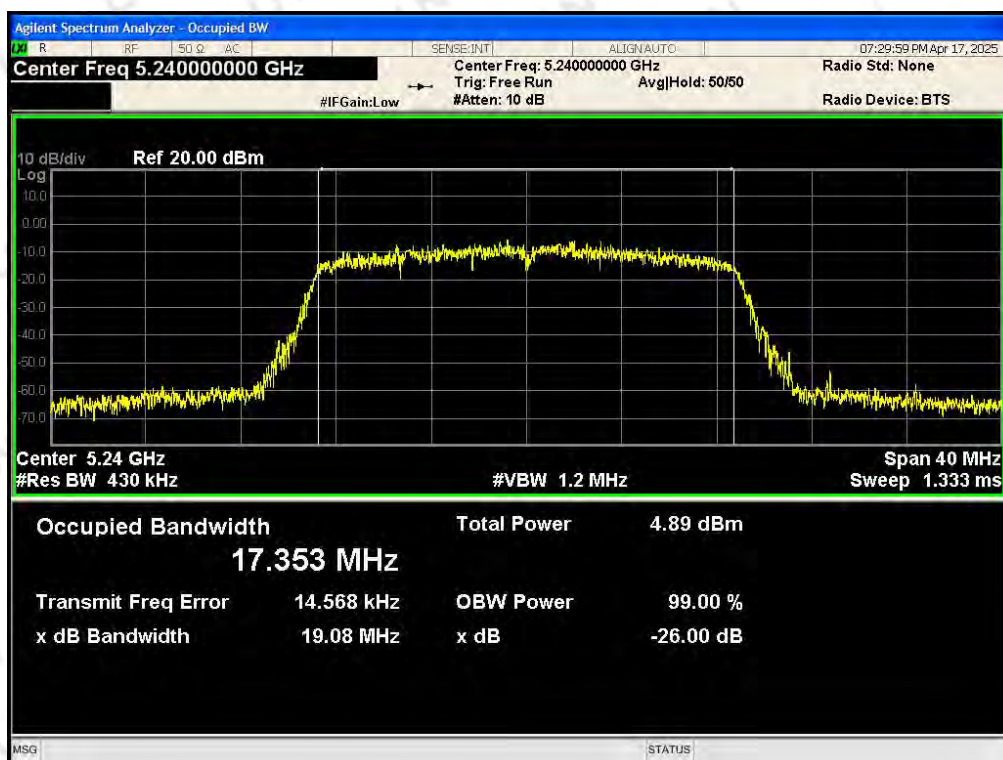
## -26 dB Bandwidth NVNT 802.11ac20 5200MHz Ant0



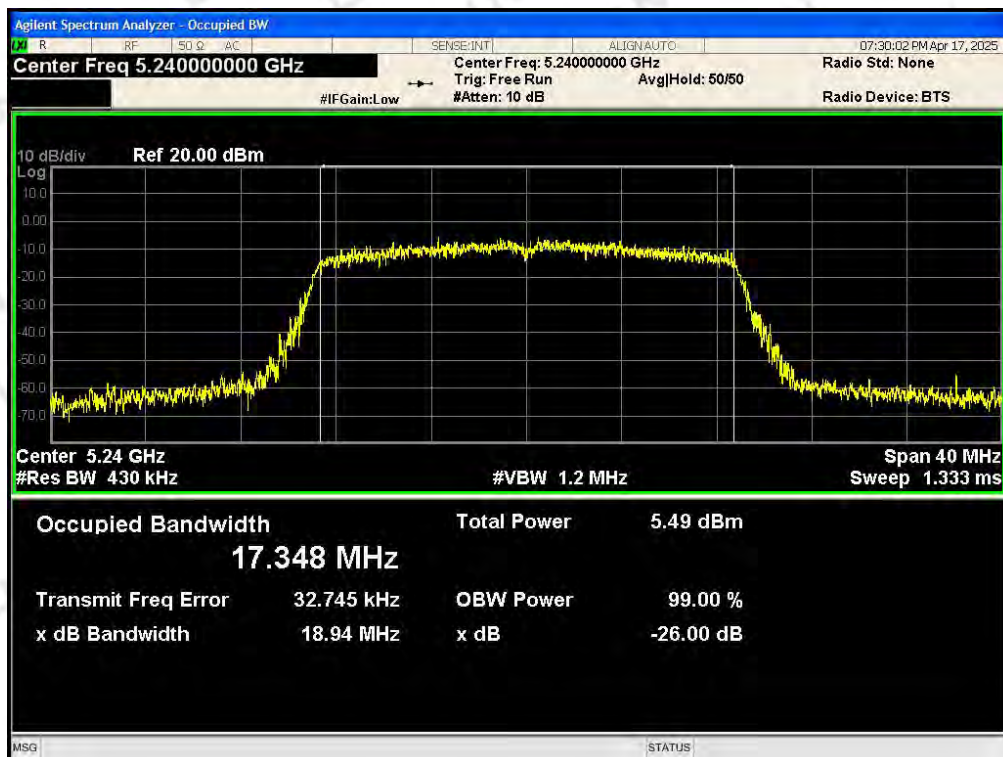
## -26 dB Bandwidth NVNT 802.11ac20 5200MHz Ant1



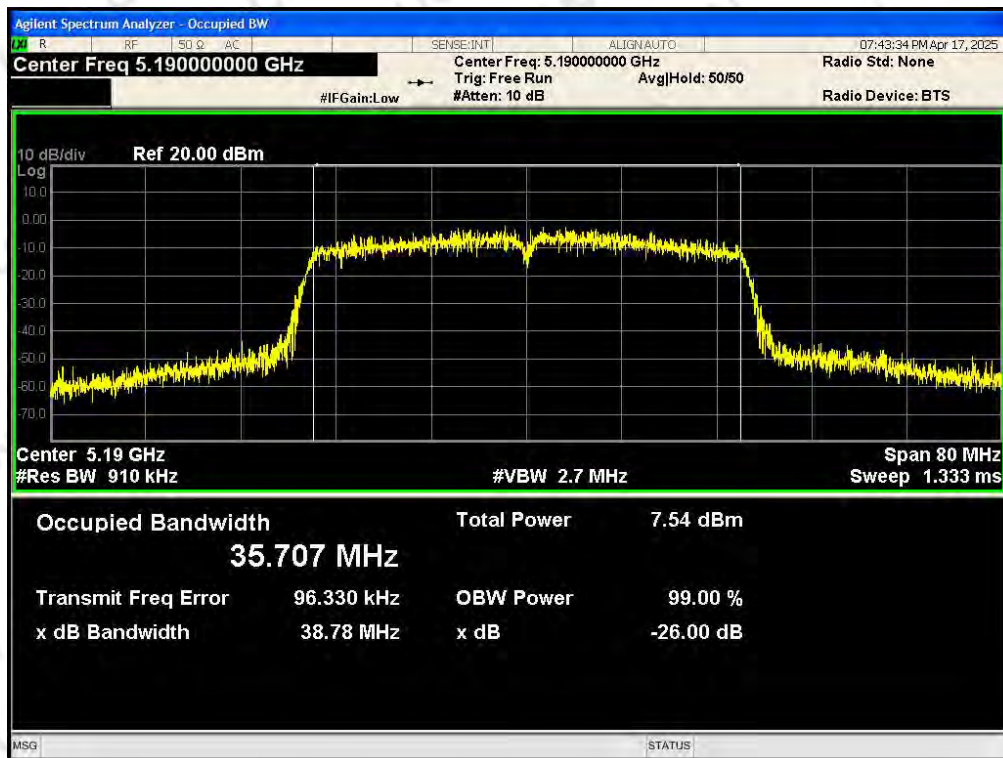
## -26 dB Bandwidth NVNT 802.11ac20 5240MHz Ant0



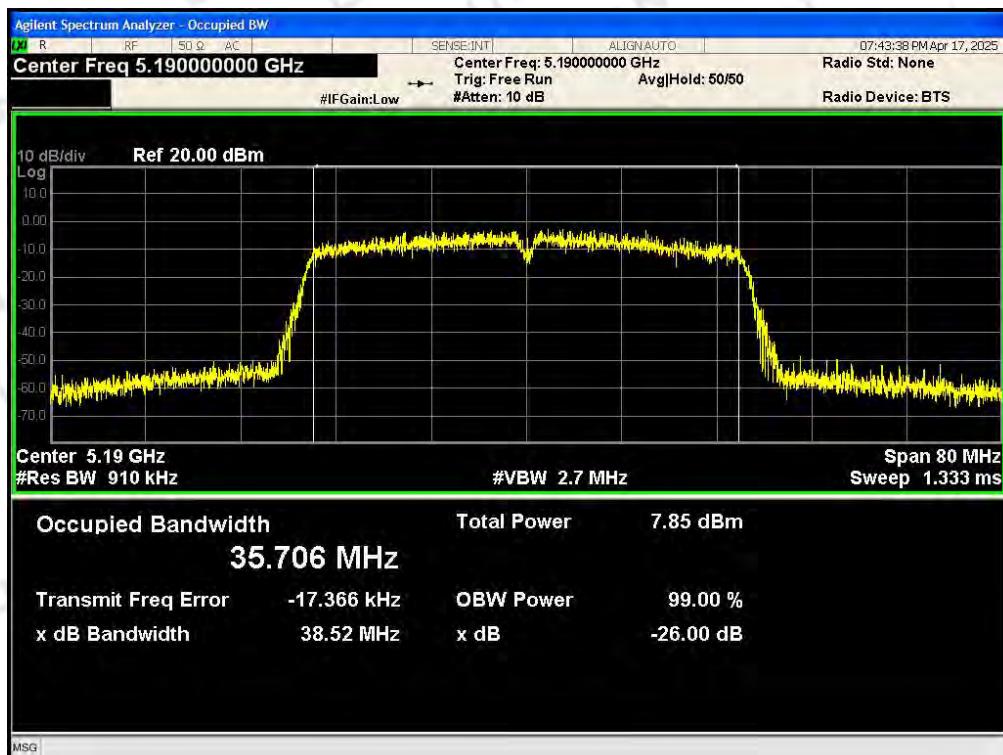
## -26 dB Bandwidth NVNT 802.11ac20 5240MHz Ant1



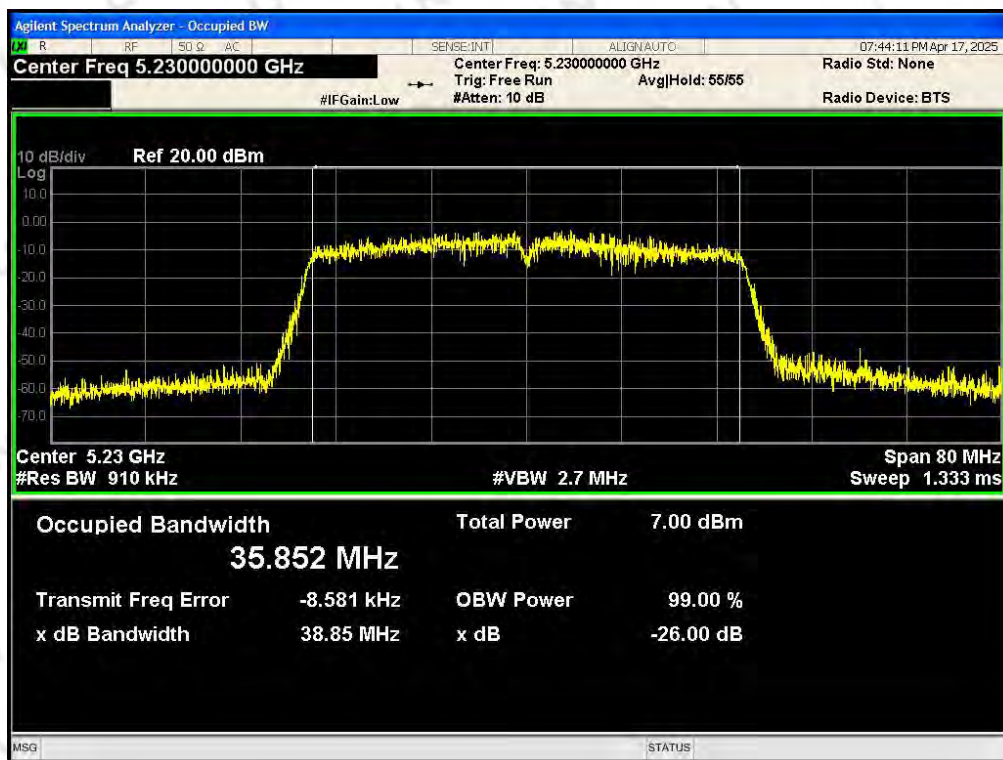
## -26 dB Bandwidth NVNT 802.11ac40 5190MHz Ant0



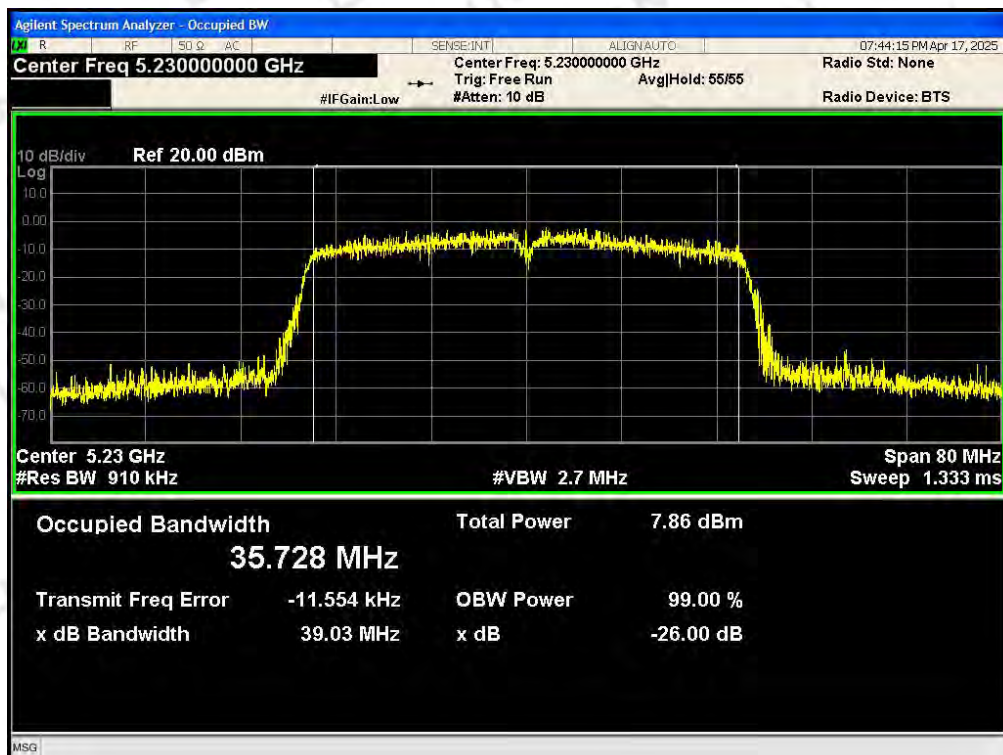
## -26 dB Bandwidth NVNT 802.11ac40 5190MHz Ant1



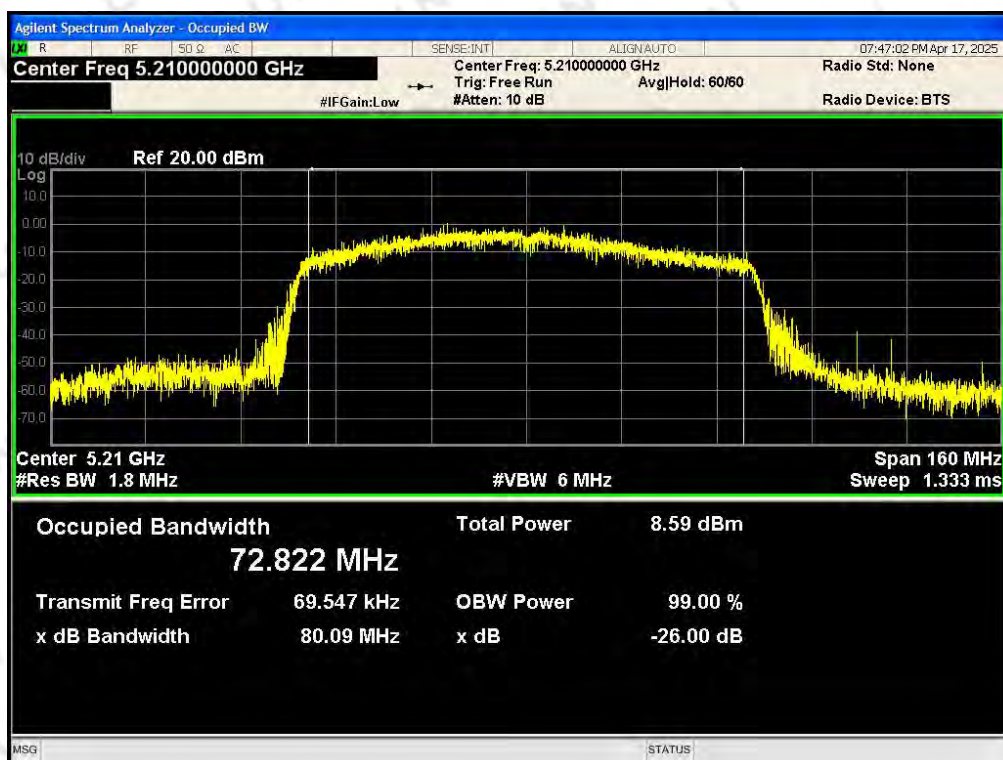
## -26 dB Bandwidth NVNT 802.11ac40 5230MHz Ant0



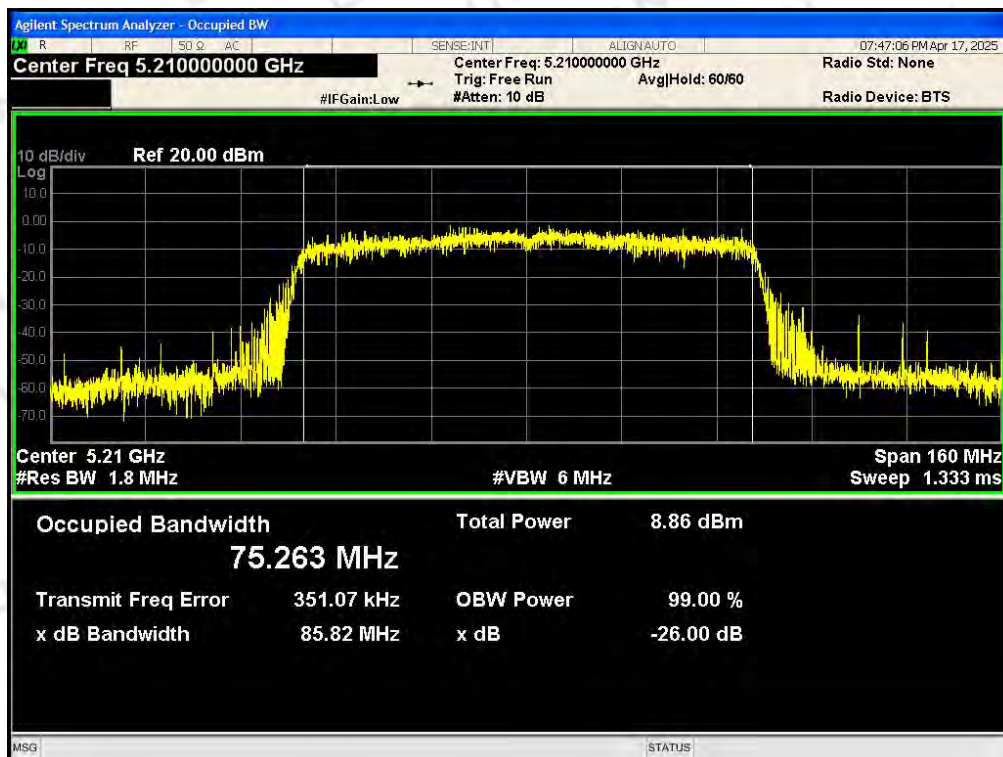
## -26 dB Bandwidth NVNT 802.11ac40 5230MHz Ant1



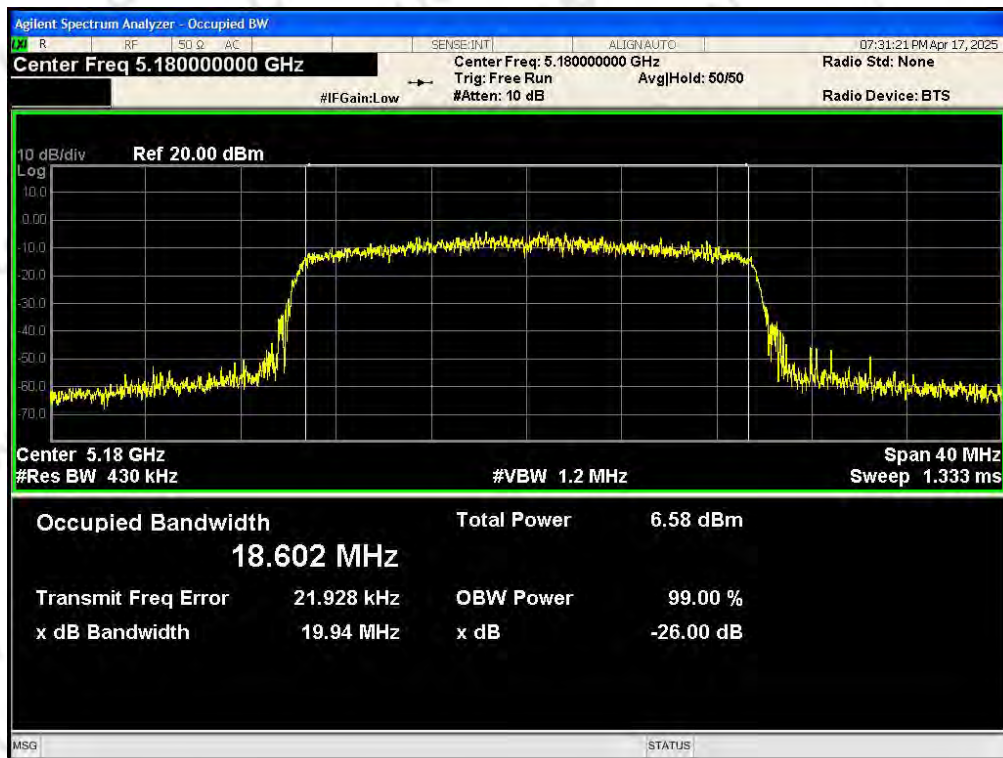
## -26 dB Bandwidth NVNT 802.11ac80 5210MHz Ant0



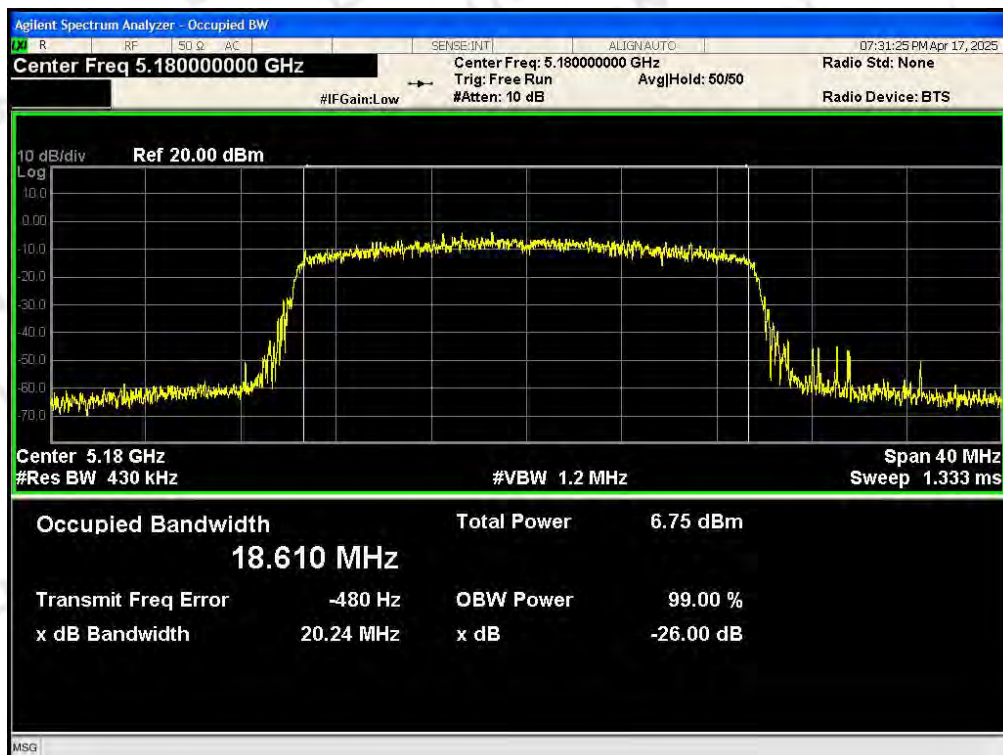
## -26 dB Bandwidth NVNT 802.11ac80 5210MHz Ant1



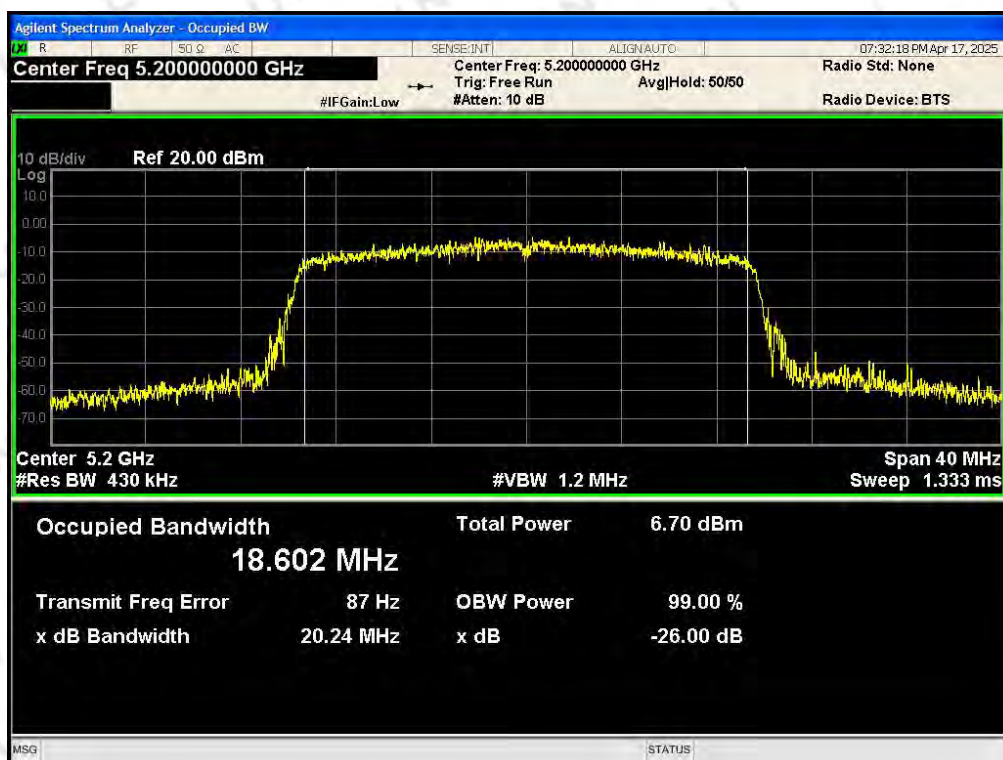
## -26 dB Bandwidth NVNT 802.11ax20 5180MHz Ant0



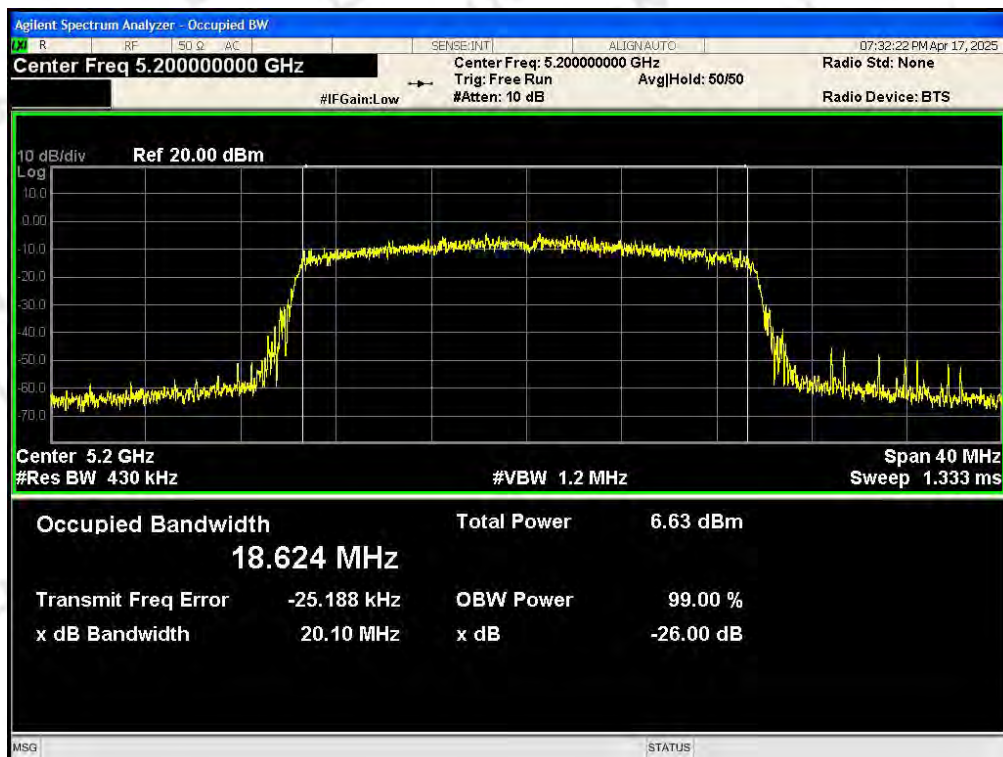
## -26 dB Bandwidth NVNT 802.11ax20 5180MHz Ant1



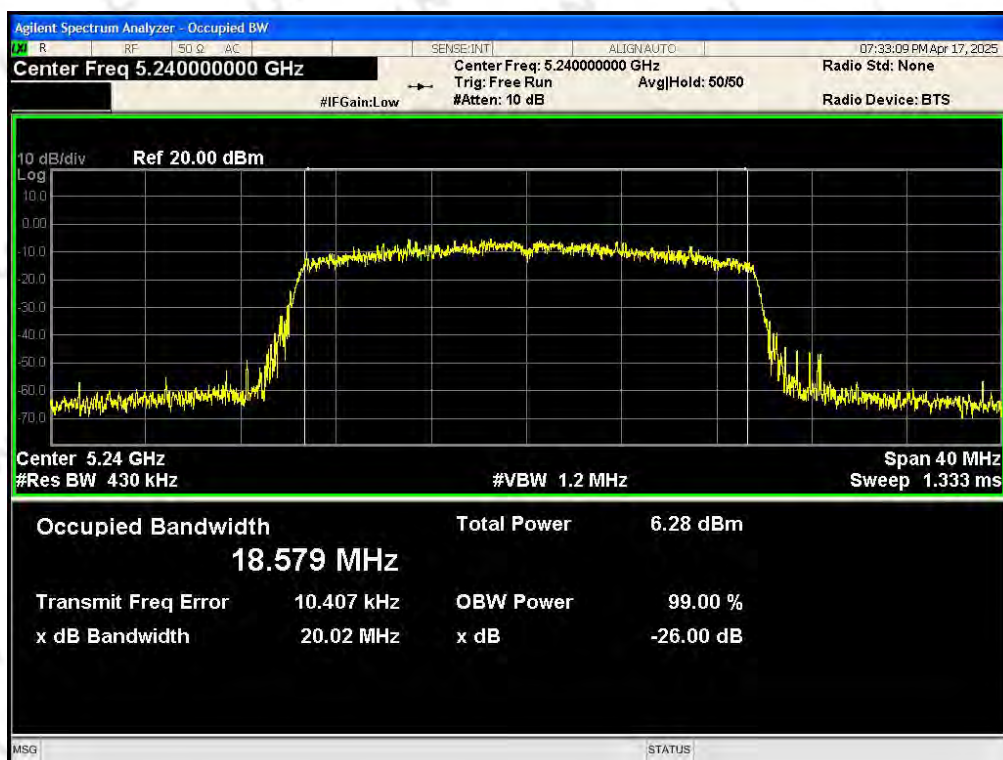
## -26 dB Bandwidth NVNT 802.11ax20 5200MHz Ant0



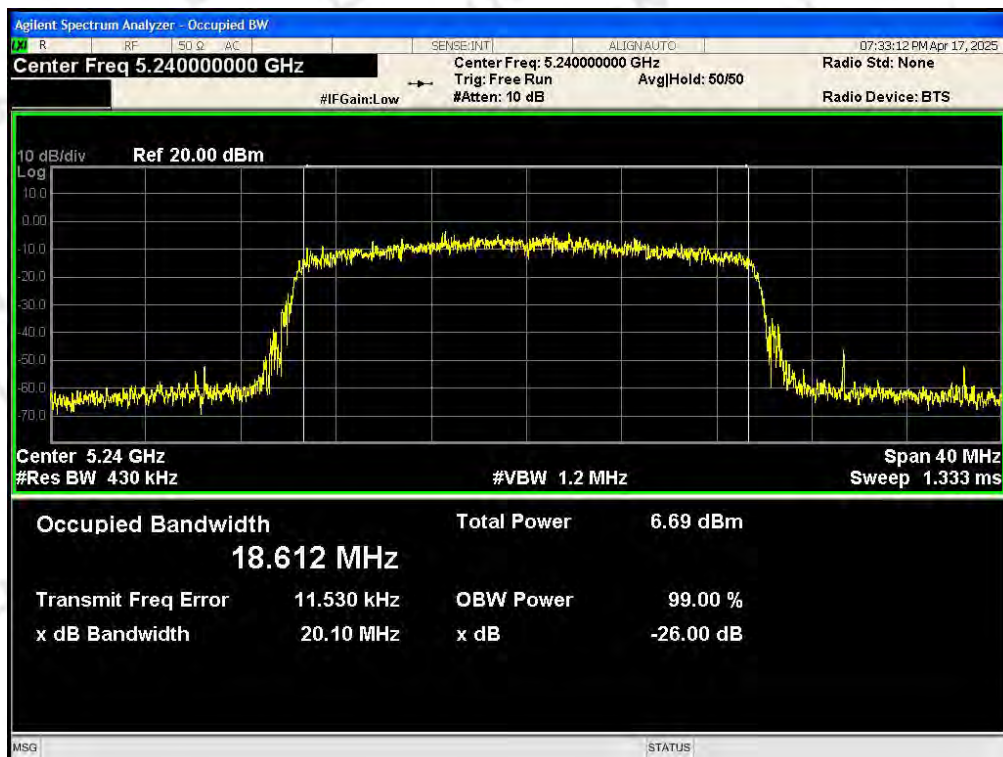
## -26 dB Bandwidth NVNT 802.11ax20 5200MHz Ant1



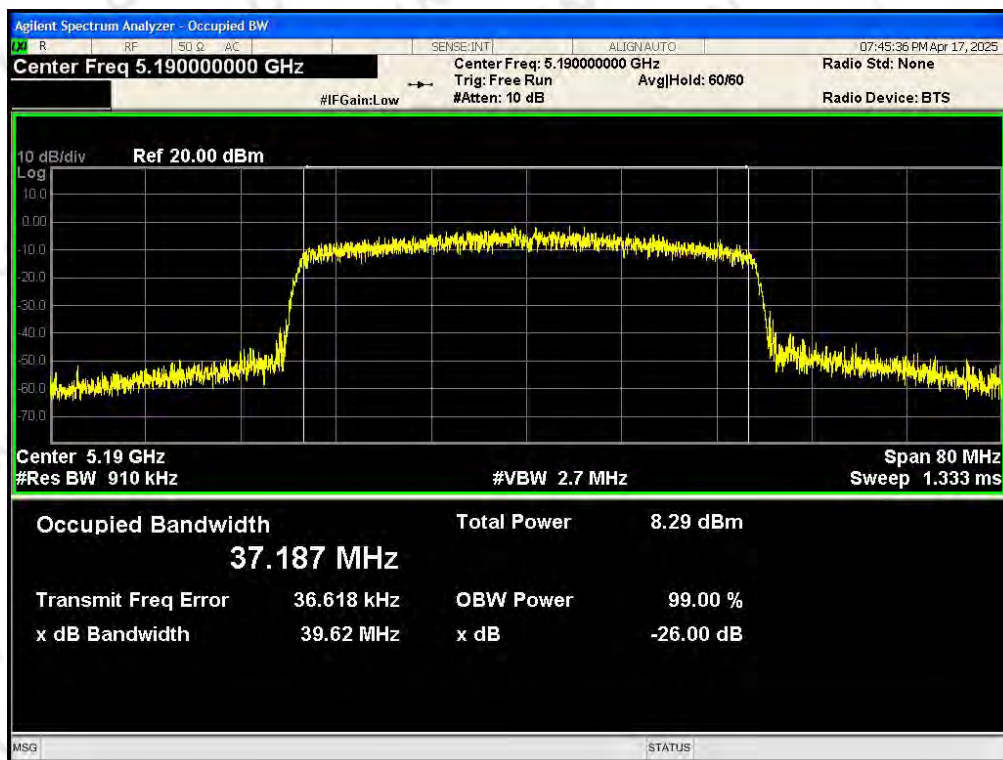
## -26 dB Bandwidth NVNT 802.11ax20 5240MHz Ant0



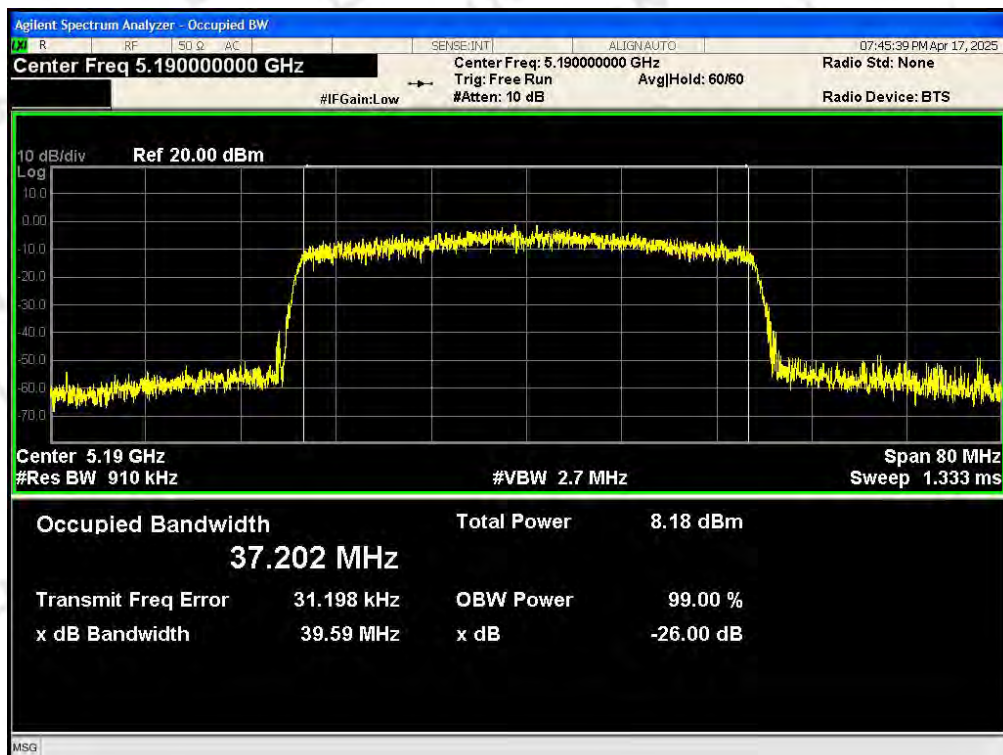
## -26 dB Bandwidth NVNT 802.11ax20 5240MHz Ant1



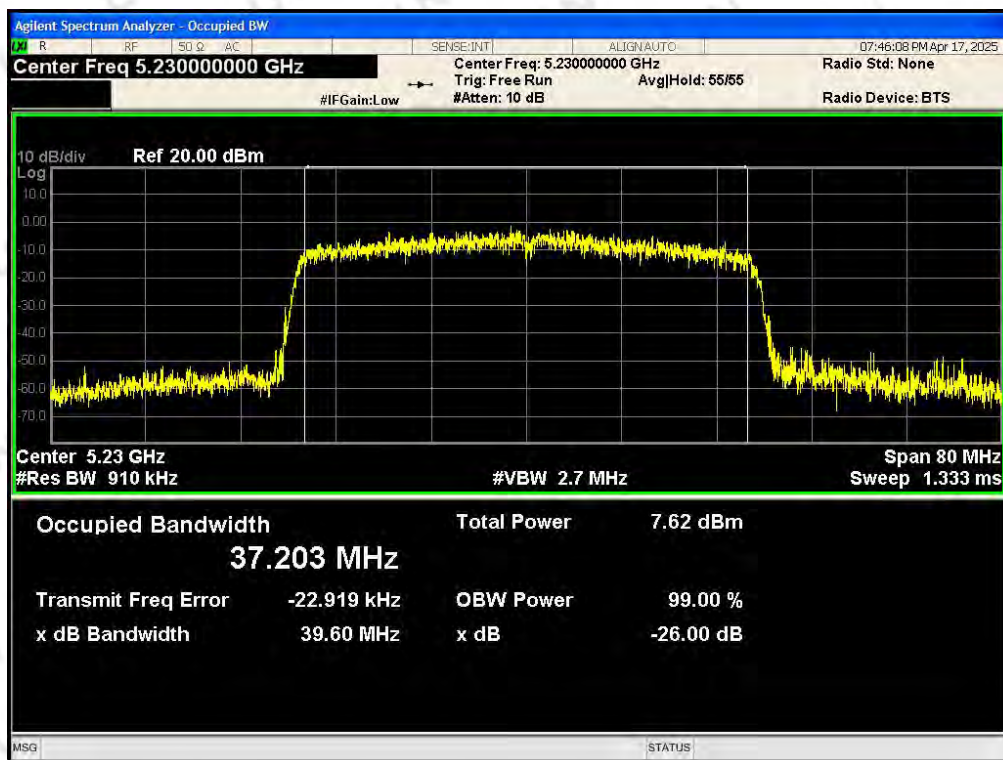
## -26 dB Bandwidth NVNT 802.11ax40 5190MHz Ant0



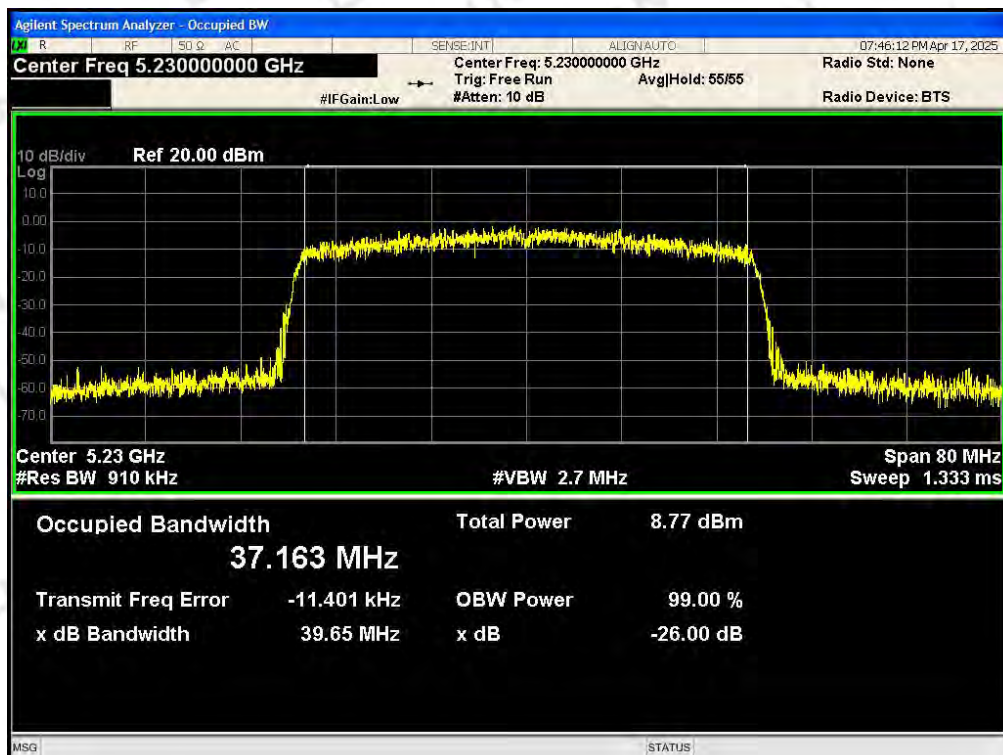
## -26 dB Bandwidth NVNT 802.11ax40 5190MHz Ant1



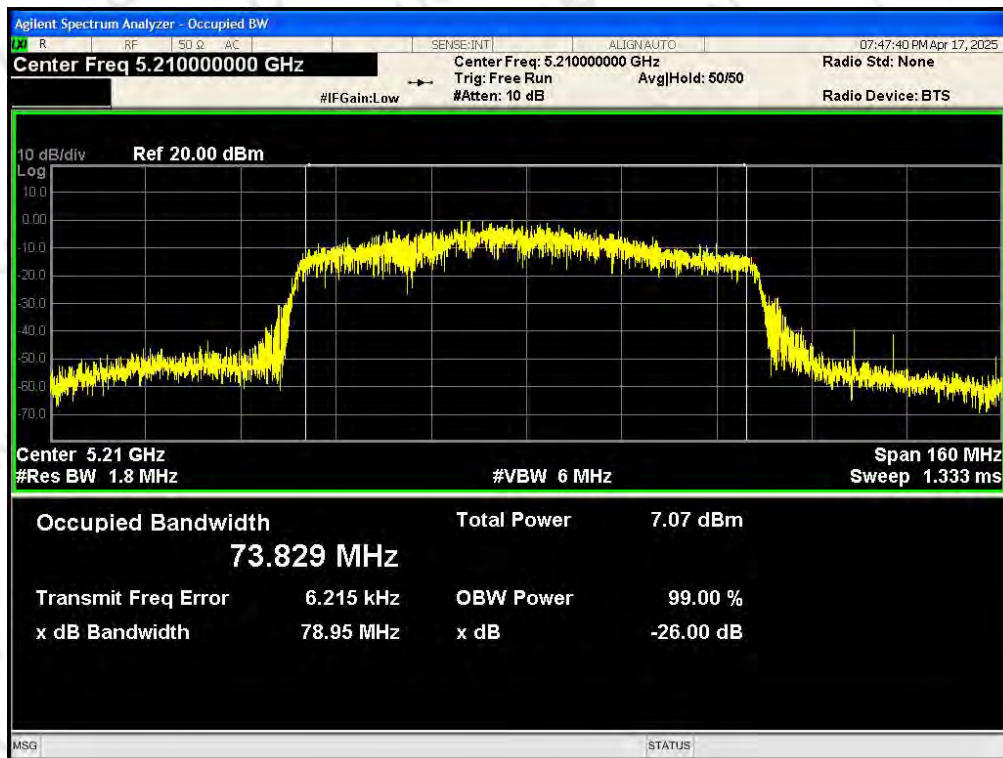
## -26 dB Bandwidth NVNT 802.11ax40 5230MHz Ant0



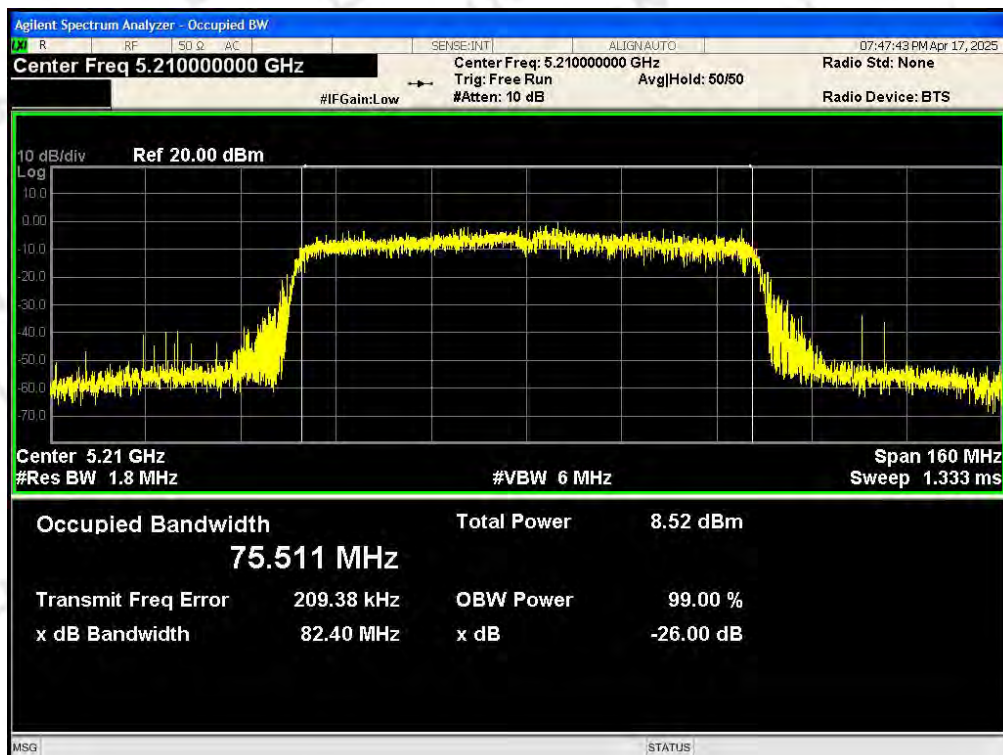
## -26 dB Bandwidth NVNT 802.11ax40 5230MHz Ant1



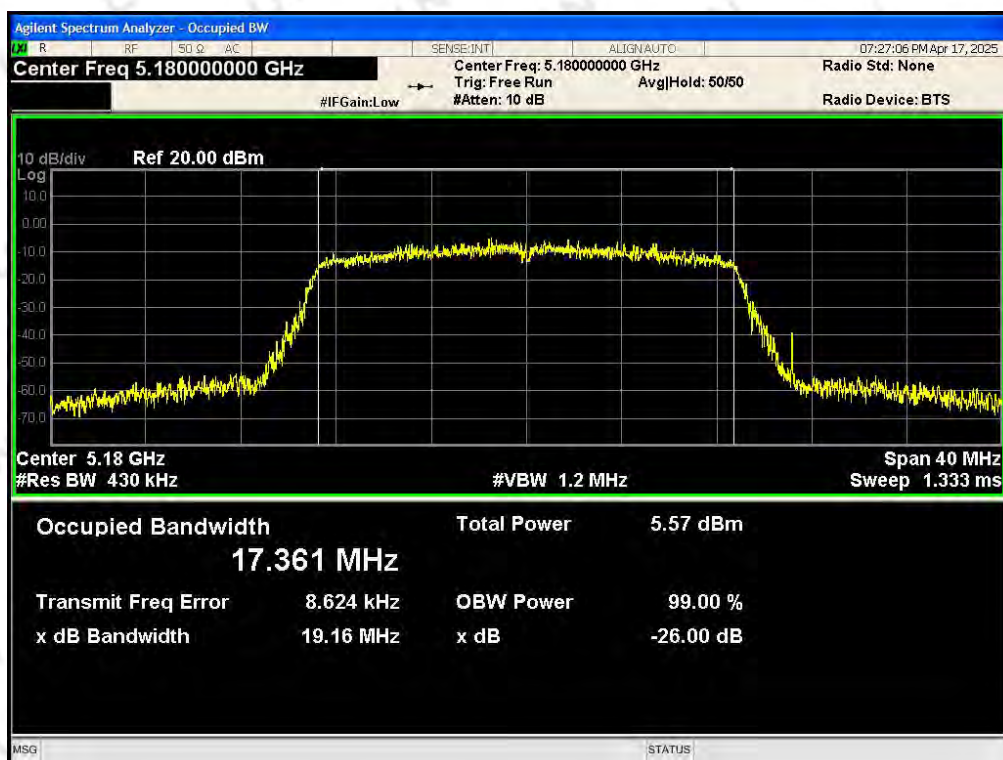
## -26 dB Bandwidth NVNT 802.11ax80 5210MHz Ant0



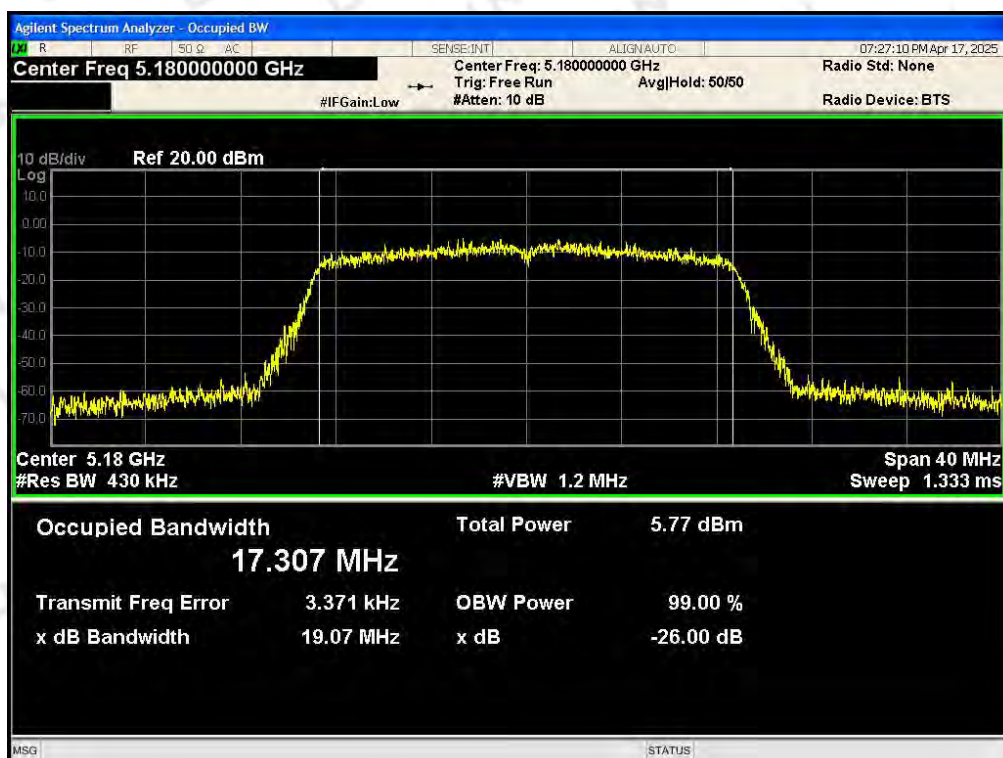
## -26 dB Bandwidth NVNT 802.11ax80 5210MHz Ant1



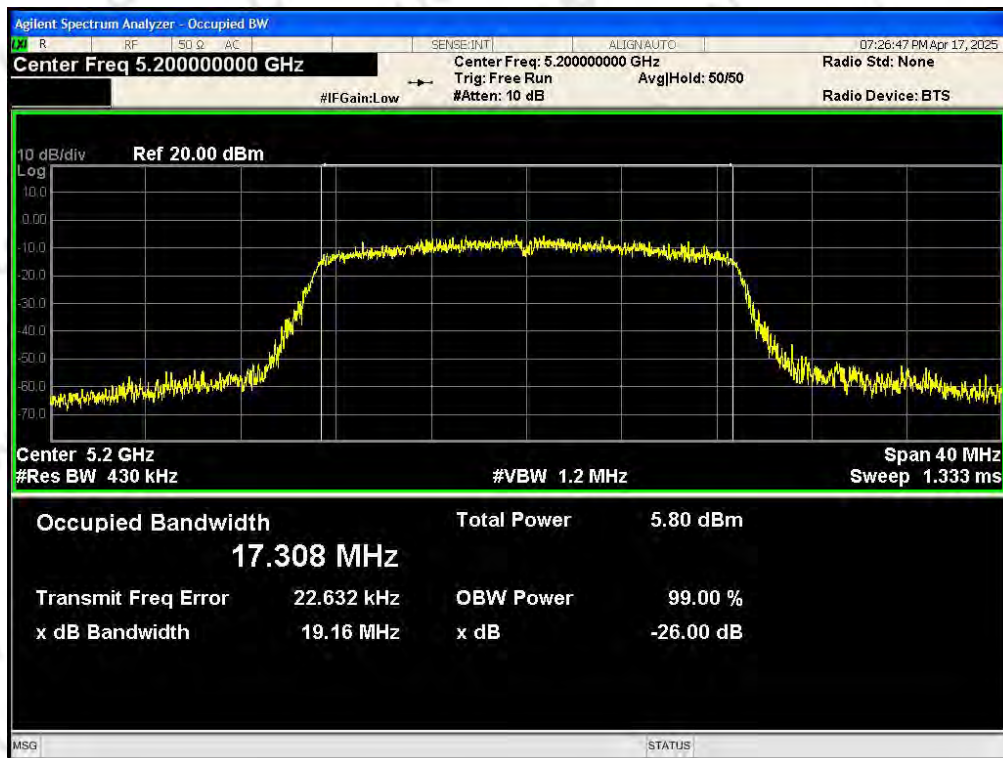
# -26 dB Bandwidth NVNT 802.11n(HT20) 5180MHz Ant0



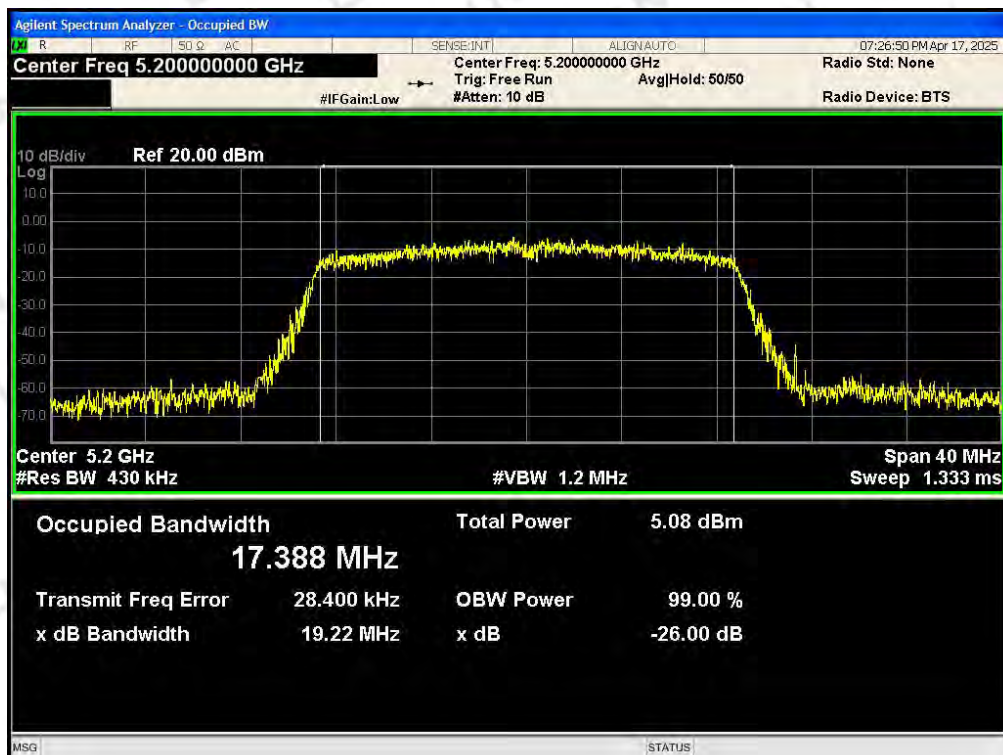
# -26 dB Bandwidth NVNT 802.11n(HT20) 5180MHz Ant1



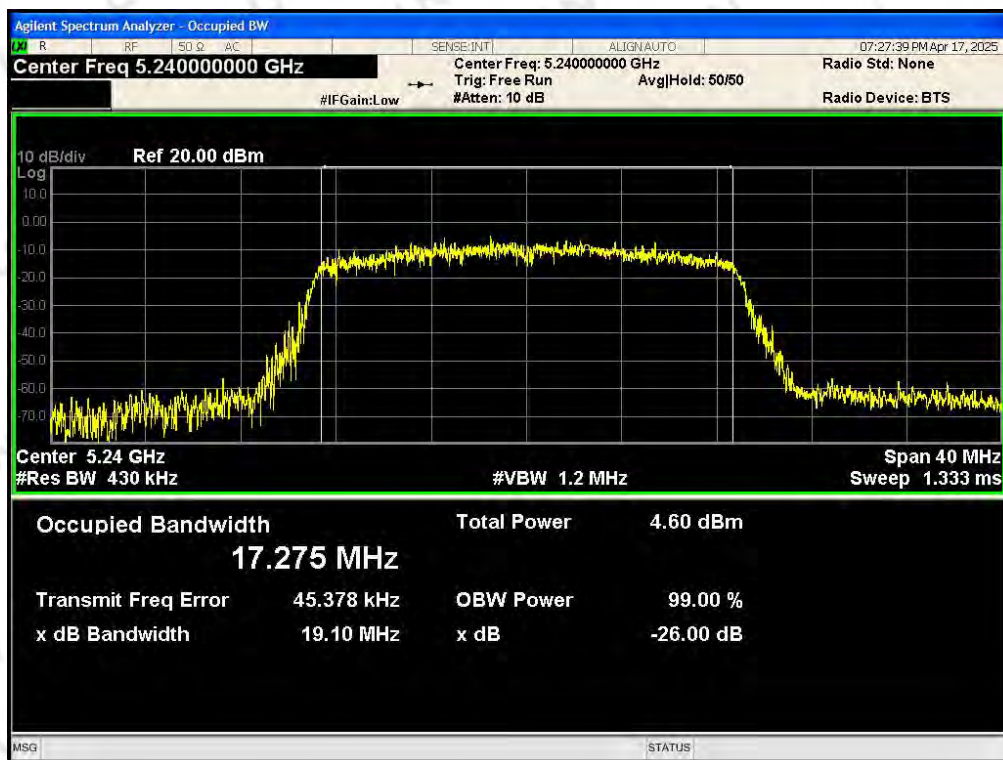
# -26 dB Bandwidth NVNT 802.11n(HT20) 5200MHz Ant0



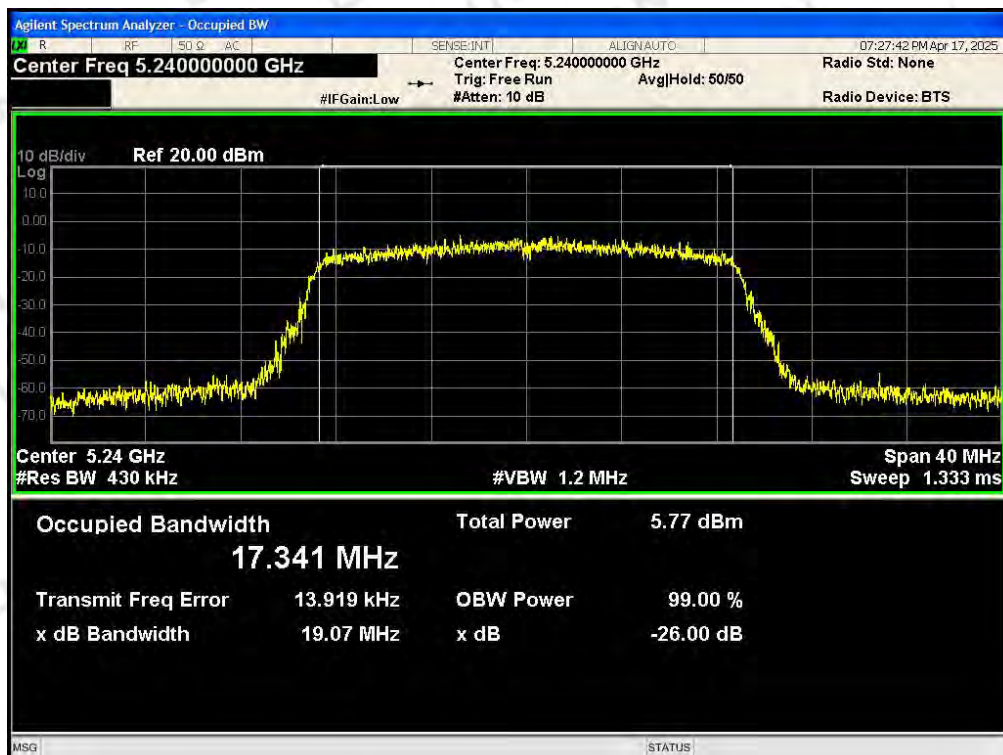
# -26 dB Bandwidth NVNT 802.11n(HT20) 5200MHz Ant1



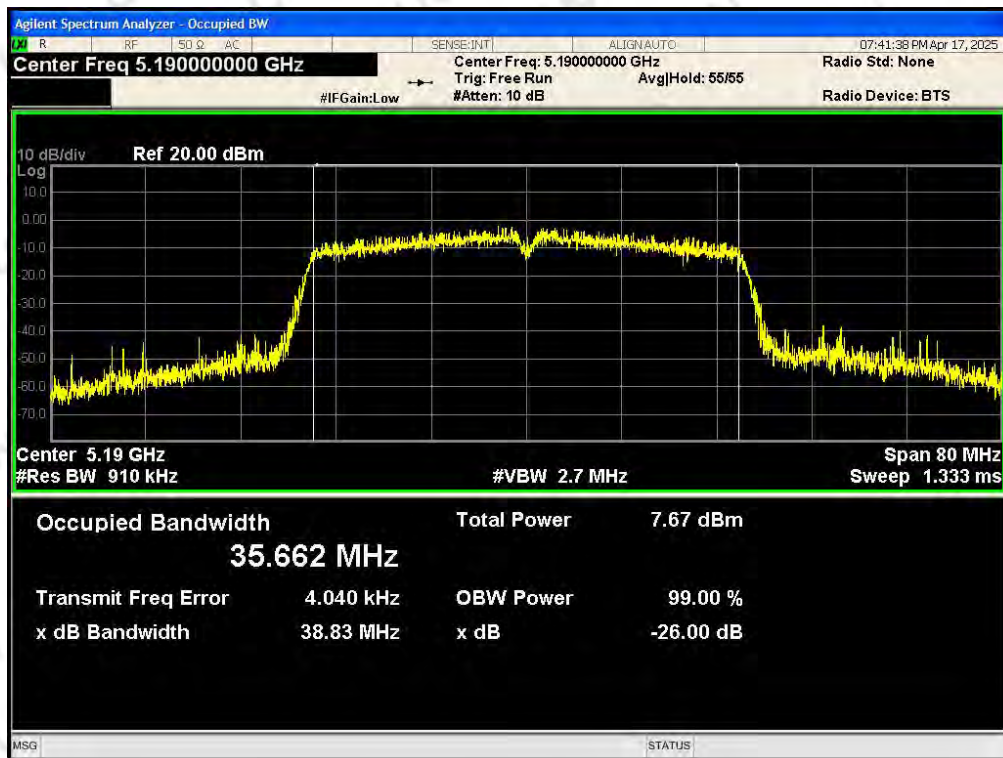
# -26 dB Bandwidth NVNT 802.11n(HT20) 5240MHz Ant0



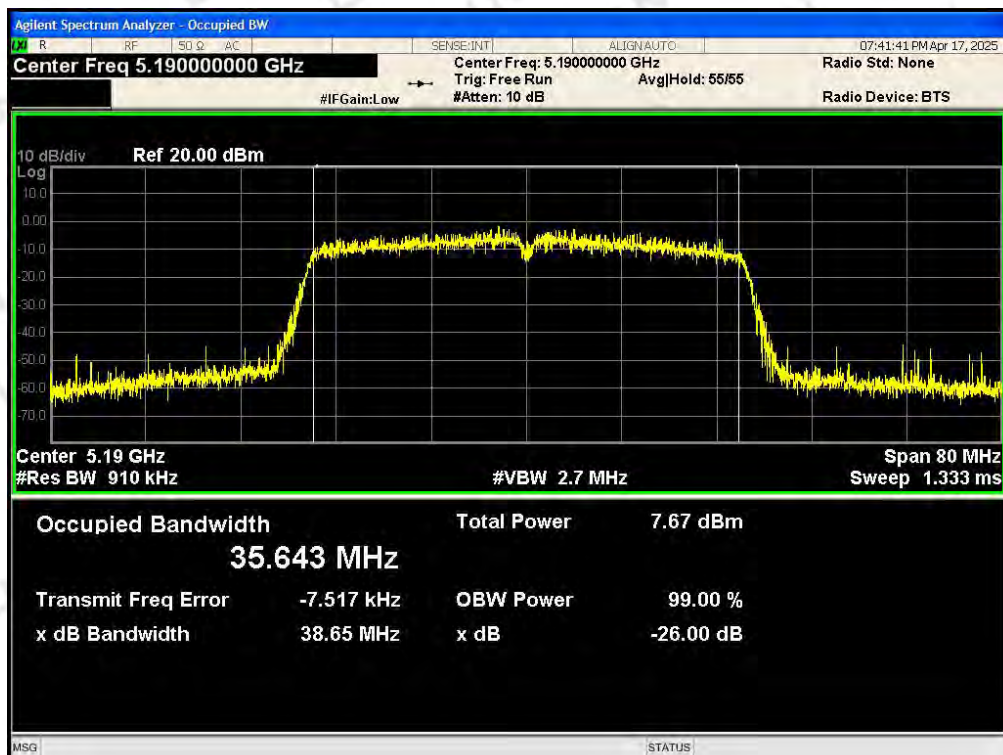
# -26 dB Bandwidth NVNT 802.11n(HT20) 5240MHz Ant1



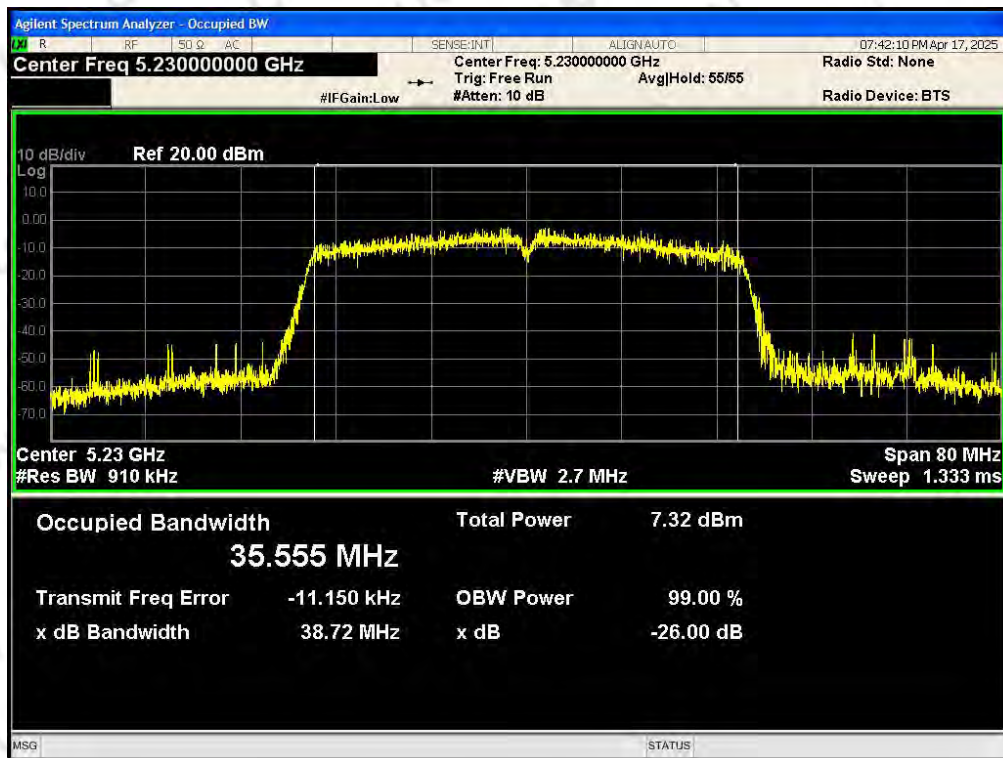
# -26 dB Bandwidth NVNT 802.11n(HT40) 5190MHz Ant0



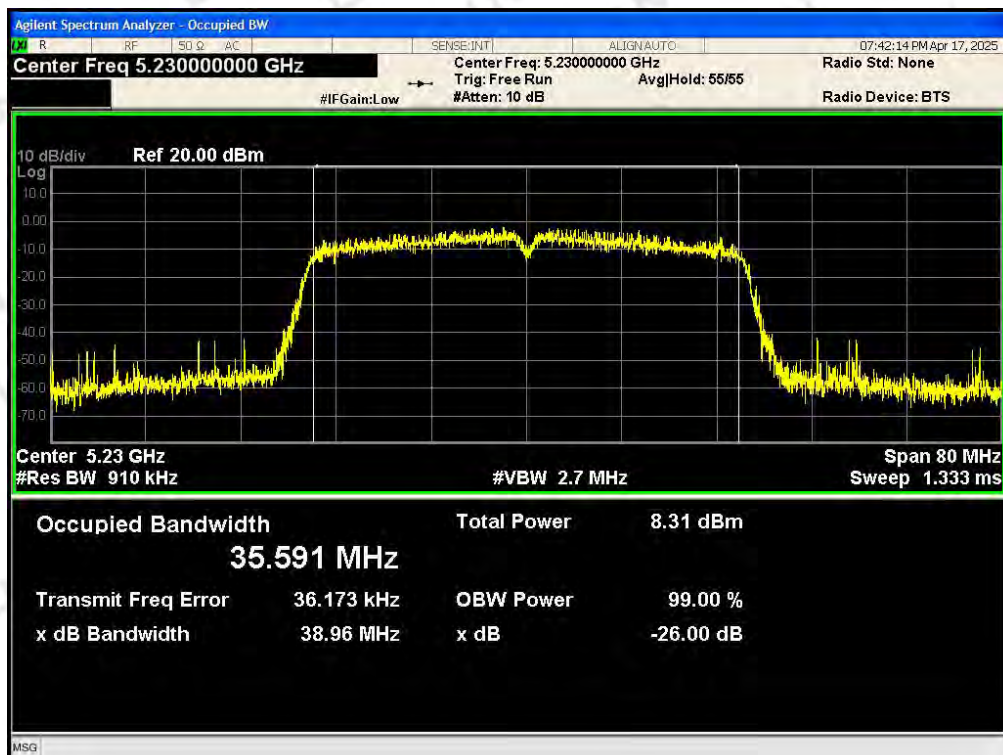
# -26 dB Bandwidth NVNT 802.11n(HT40) 5190MHz Ant1



# -26 dB Bandwidth NVNT 802.11n(HT40) 5230MHz Ant0



# -26 dB Bandwidth NVNT 802.11n(HT40) 5230MHz Ant1

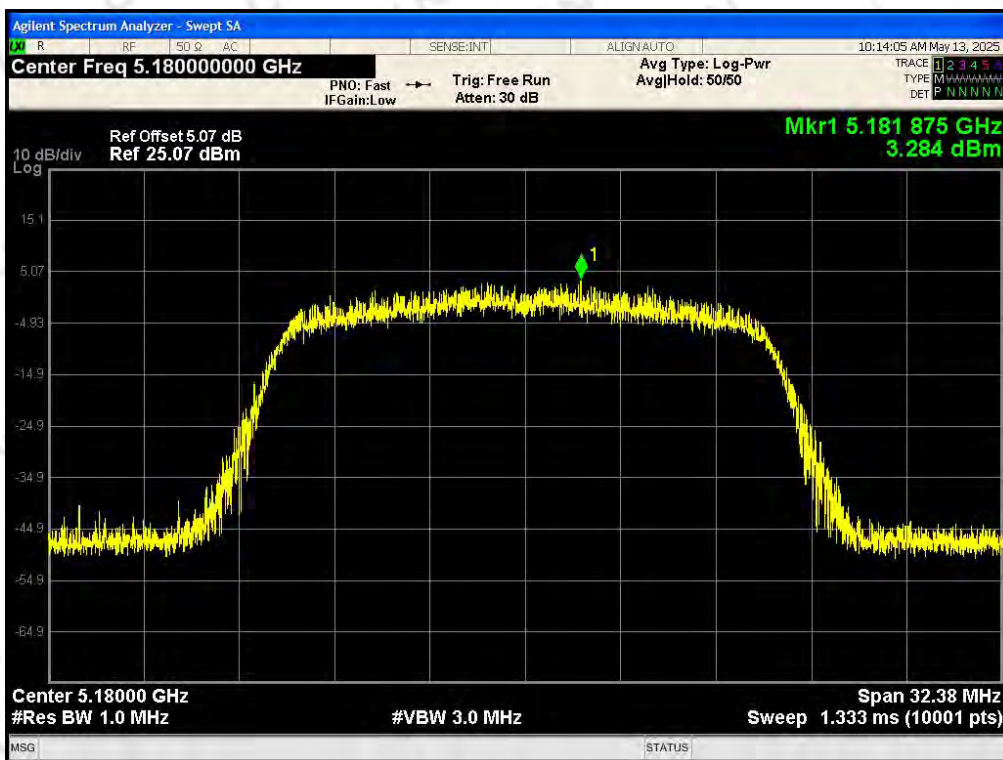


## Maximum Power Spectral Density Level

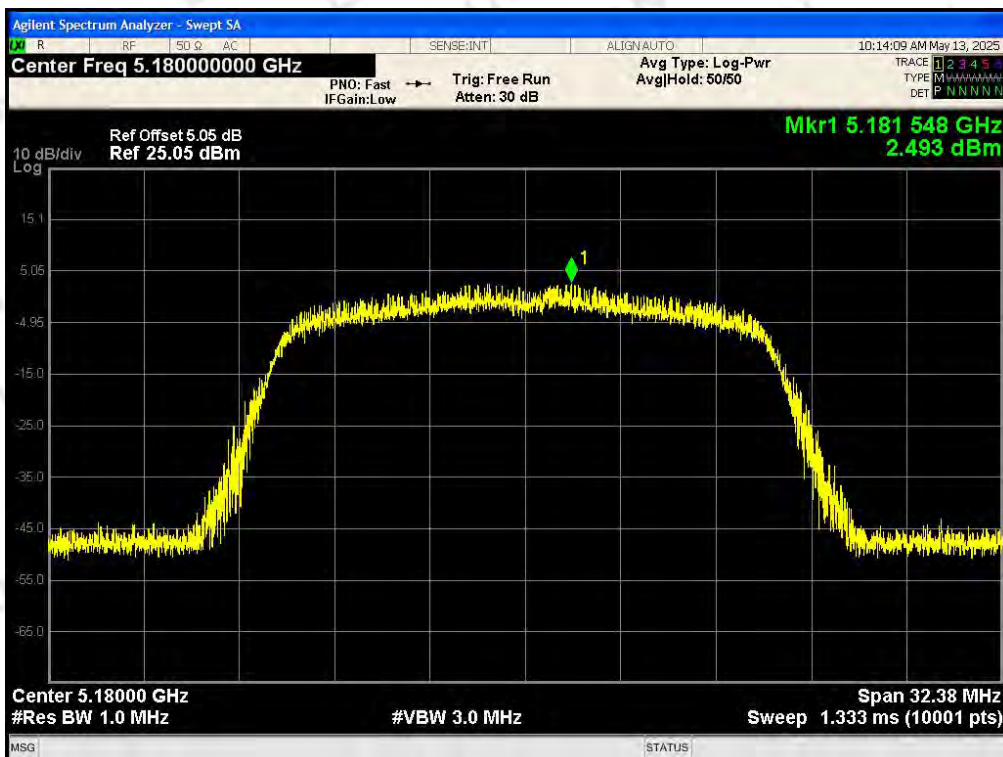
| Condition | Mode       | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | 802.11a    | 5180            | Ant 0   | 3.284               | 4.51             | 7.794           | 11          | Pass    |
| NVNT      | 802.11a    | 5180            | Ant 1   | 2.493               | 4.51             | 7.003           | 11          | Pass    |
| NVNT      | 802.11a    | 5180            | Total   | 5.917               | 4.51             | 10.427          | 11          | Pass    |
| NVNT      | 802.11a    | 5200            | Ant 0   | -6.245              | 4.56             | -1.685          | 11          | Pass    |
| NVNT      | 802.11a    | 5200            | Ant 1   | -5.175              | 4.56             | -0.615          | 11          | Pass    |
| NVNT      | 802.11a    | 5200            | Total   | -2.667              | 4.56             | 1.893           | 11          | Pass    |
| NVNT      | 802.11a    | 5240            | Ant 0   | 2.841               | 4.56             | 7.401           | 11          | Pass    |
| NVNT      | 802.11a    | 5240            | Ant 1   | 2.718               | 4.56             | 7.278           | 11          | Pass    |
| NVNT      | 802.11a    | 5240            | Total   | 5.79                | 4.56             | 10.35           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5180            | Ant 0   | 0.594               | 5.01             | 5.604           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5180            | Ant 1   | 0.694               | 5.01             | 5.704           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5180            | Total   | 3.655               | 5.01             | 8.665           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5200            | Ant 0   | 0.355               | 5.01             | 5.365           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5200            | Ant 1   | 0.527               | 5.01             | 5.537           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5200            | Total   | 3.452               | 5.01             | 8.462           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5240            | Ant 0   | 0.453               | 4.99             | 5.443           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5240            | Ant 1   | 0.855               | 4.99             | 5.845           | 11          | Pass    |
| NVNT      | 802.11ac20 | 5240            | Total   | 3.669               | 4.99             | 8.659           | 11          | Pass    |
| NVNT      | 802.11ac40 | 5190            | Ant 0   | -1.236              | 7.32             | 6.084           | 11          | Pass    |
| NVNT      | 802.11ac40 | 5190            | Ant 1   | -1.615              | 7.32             | 5.705           | 11          | Pass    |
| NVNT      | 802.11ac40 | 5190            | Total   | 1.589               | 7.32             | 8.909           | 11          | Pass    |
| NVNT      | 802.11ac40 | 5230            | Ant 0   | -1.534              | 7.21             | 5.676           | 11          | Pass    |
| NVNT      | 802.11ac40 | 5230            | Ant 1   | -1.48               | 7.21             | 5.73            | 11          | Pass    |
| NVNT      | 802.11ac40 | 5230            | Total   | 1.503               | 7.21             | 8.713           | 11          | Pass    |
| NVNT      | 802.11ac80 | 5210            | Ant 0   | -3.217              | 9.91             | 6.693           | 11          | Pass    |
| NVNT      | 802.11ac80 | 5210            | Ant 1   | -5.139              | 9.91             | 4.771           | 11          | Pass    |
| NVNT      | 802.11ac80 | 5210            | Total   | -1.062              | 9.91             | 8.848           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5180            | Ant 0   | 1.259               | 5.53             | 6.789           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5180            | Ant 1   | 0.44                | 5.53             | 5.97            | 11          | Pass    |
| NVNT      | 802.11ax20 | 5180            | Total   | 3.879               | 5.53             | 9.409           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5200            | Ant 0   | 1.573               | 5.48             | 7.053           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5200            | Ant 1   | 0.759               | 5.48             | 6.239           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5200            | Total   | 4.195               | 5.48             | 9.675           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5240            | Ant 0   | 0.762               | 5.48             | 6.242           | 11          | Pass    |
| NVNT      | 802.11ax20 | 5240            | Ant 1   | 1.443               | 5.48             | 6.923           | 11          | Pass    |

|      |               |      |       |        |      |        |    |      |
|------|---------------|------|-------|--------|------|--------|----|------|
| NVNT | 802.11ax20    | 5240 | Total | 4.126  | 5.48 | 9.606  | 11 | Pass |
| NVNT | 802.11ax40    | 5190 | Ant 0 | -0.518 | 7.61 | 7.092  | 11 | Pass |
| NVNT | 802.11ax40    | 5190 | Ant 1 | -1.207 | 7.61 | 6.403  | 11 | Pass |
| NVNT | 802.11ax40    | 5190 | Total | 2.161  | 7.61 | 9.771  | 11 | Pass |
| NVNT | 802.11ax40    | 5230 | Ant 0 | -0.142 | 7.61 | 7.468  | 11 | Pass |
| NVNT | 802.11ax40    | 5230 | Ant 1 | -0.838 | 7.61 | 6.772  | 11 | Pass |
| NVNT | 802.11ax40    | 5230 | Total | 2.534  | 7.61 | 10.144 | 11 | Pass |
| NVNT | 802.11ax80    | 5210 | Ant 0 | -3.05  | 9.88 | 6.83   | 11 | Pass |
| NVNT | 802.11ax80    | 5210 | Ant 1 | -5.014 | 9.88 | 4.866  | 11 | Pass |
| NVNT | 802.11ax80    | 5210 | Total | -0.912 | 9.88 | 8.968  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5180 | Ant 0 | 1.815  | 5.05 | 6.865  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5180 | Ant 1 | 1.711  | 5.05 | 6.761  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5180 | Total | 4.774  | 5.05 | 9.824  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5200 | Ant 0 | 1.058  | 5.05 | 6.108  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5200 | Ant 1 | 1.339  | 5.05 | 6.389  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5200 | Total | 4.211  | 5.05 | 9.261  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5240 | Ant 0 | 1.476  | 4.99 | 6.466  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5240 | Ant 1 | 1.942  | 4.99 | 6.932  | 11 | Pass |
| NVNT | 802.11n(HT20) | 5240 | Total | 4.726  | 4.99 | 9.716  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5190 | Ant 0 | -0.559 | 7.32 | 6.761  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5190 | Ant 1 | -0.973 | 7.32 | 6.347  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5190 | Total | 2.249  | 7.32 | 9.569  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 0 | -0.692 | 7.32 | 6.628  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 1 | -0.677 | 7.32 | 6.643  | 11 | Pass |
| NVNT | 802.11n(HT40) | 5230 | Total | 2.326  | 7.32 | 9.646  | 11 | Pass |

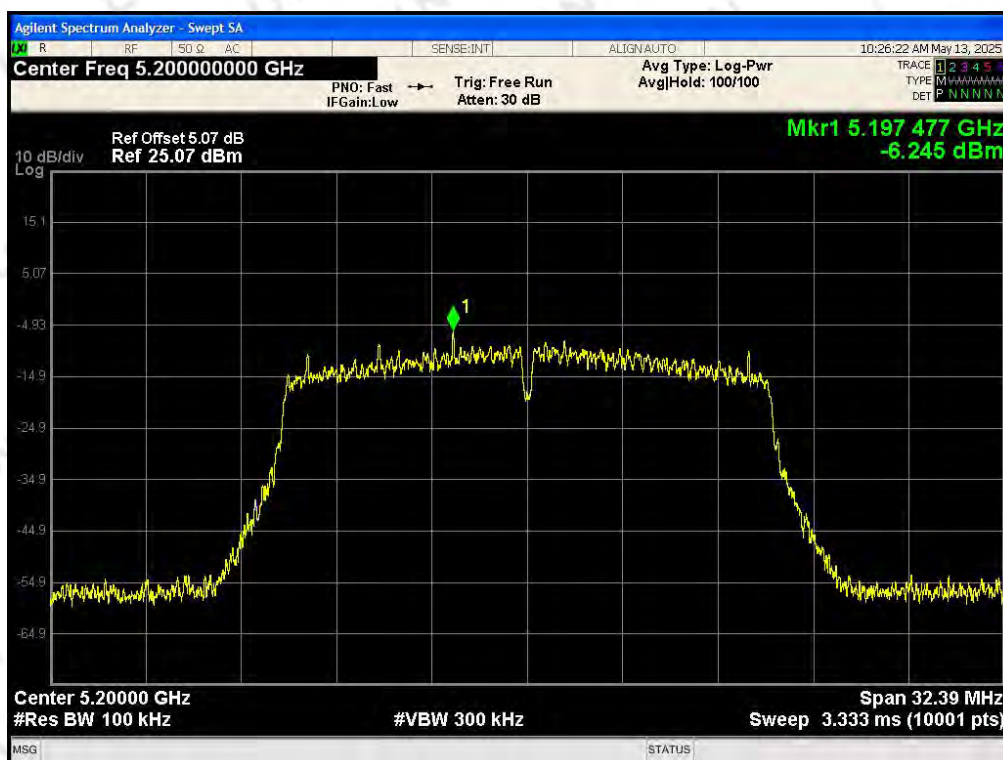
PSD NVNT 802.11a 5180MHz Ant0



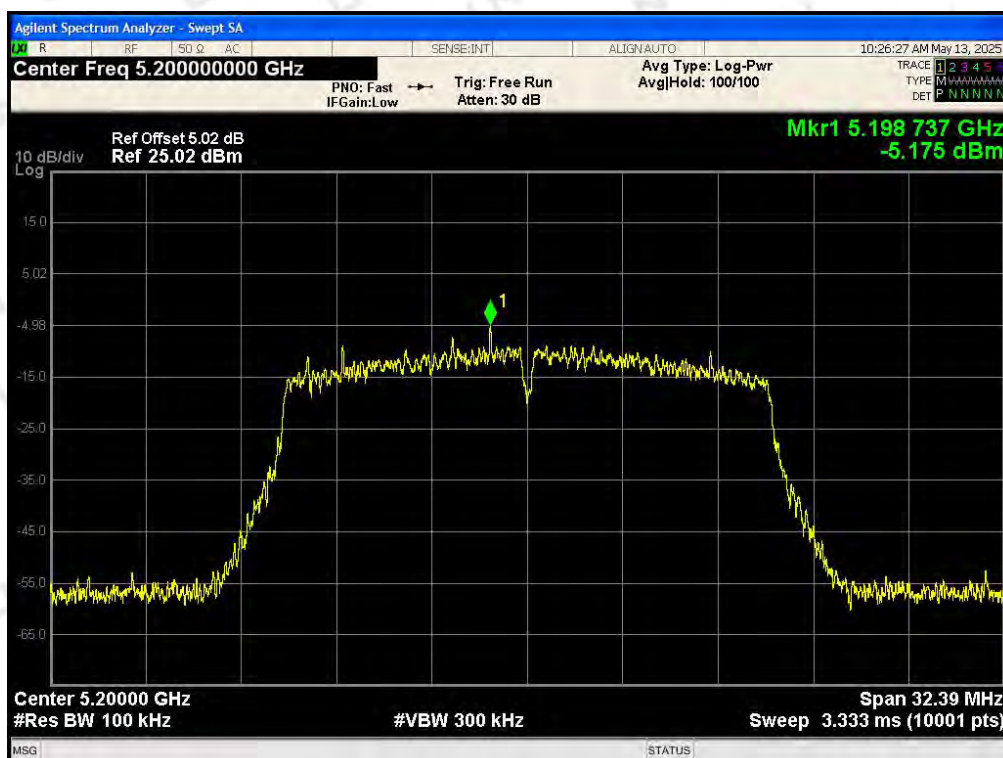
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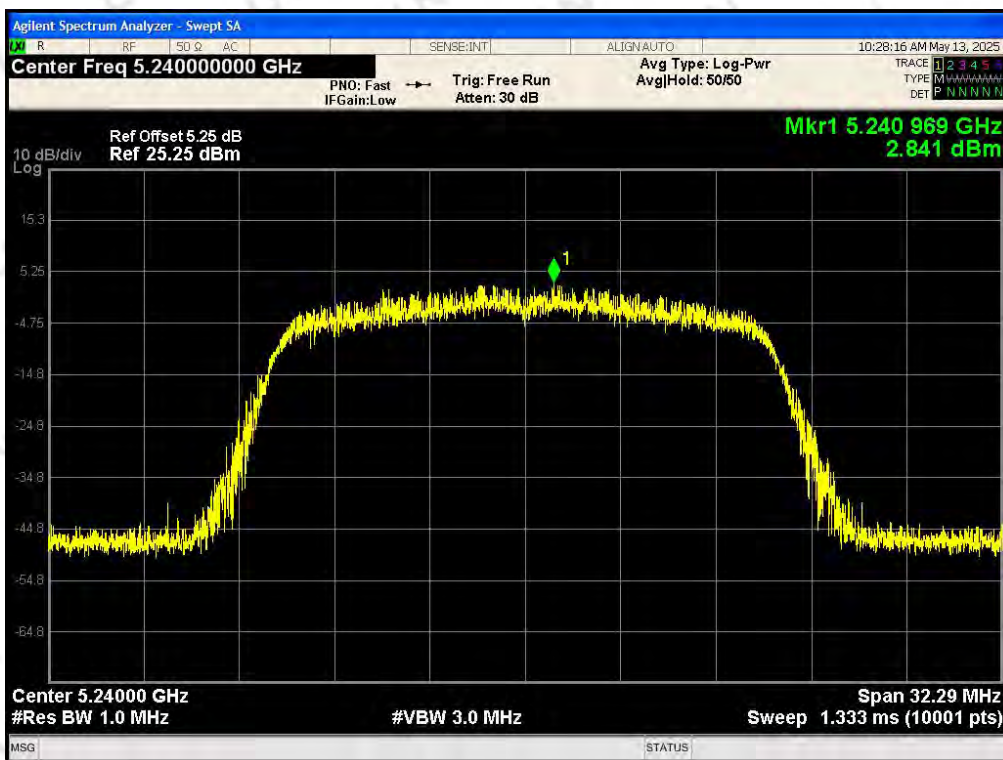
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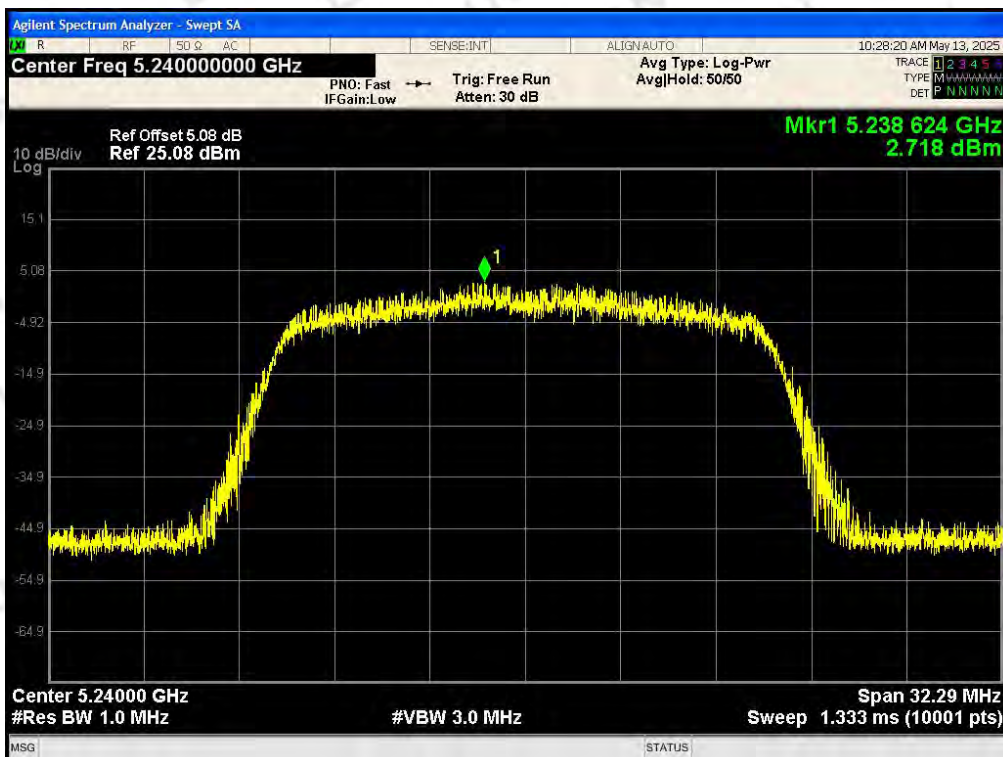
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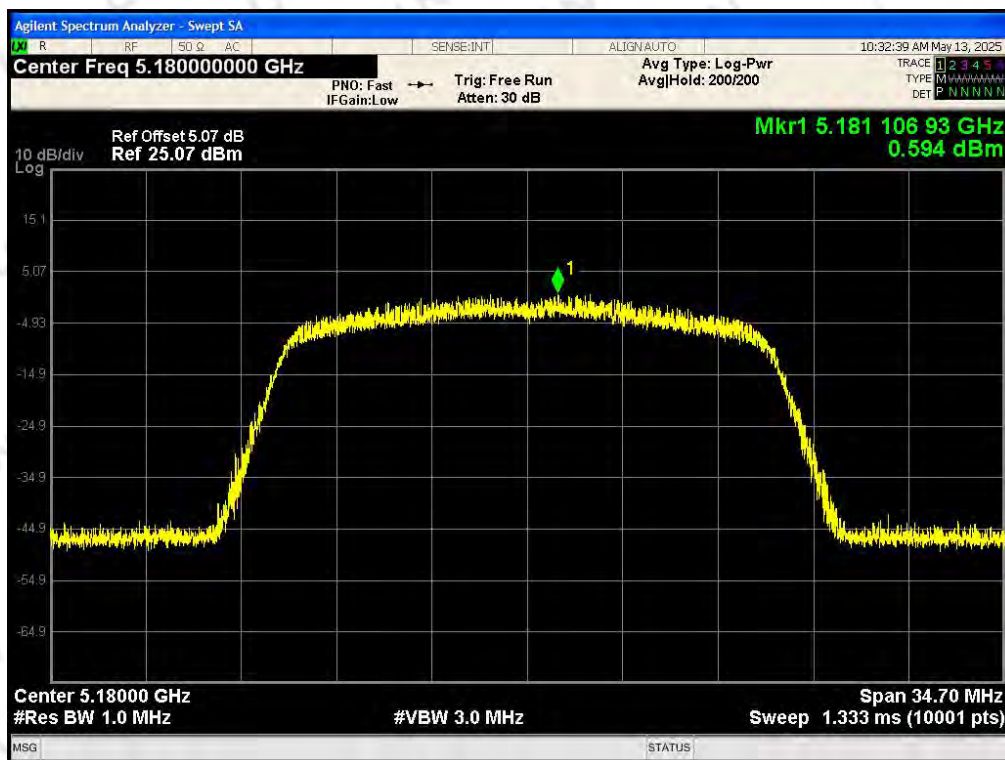
PSD NVNT 802.11a 5240MHz Ant0



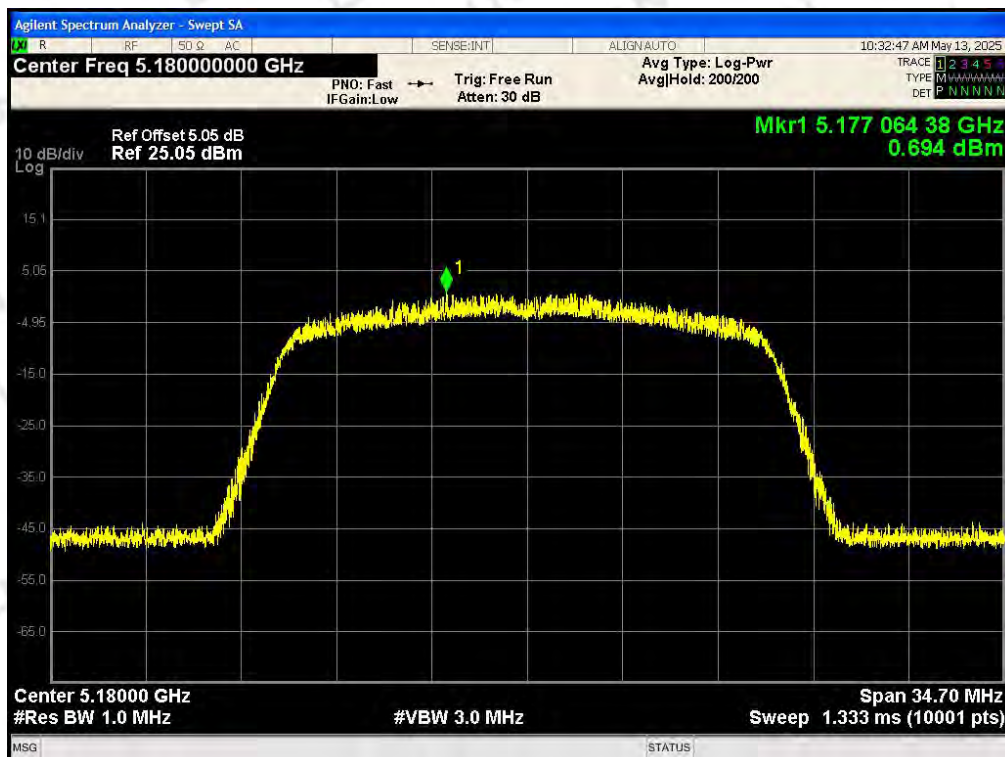
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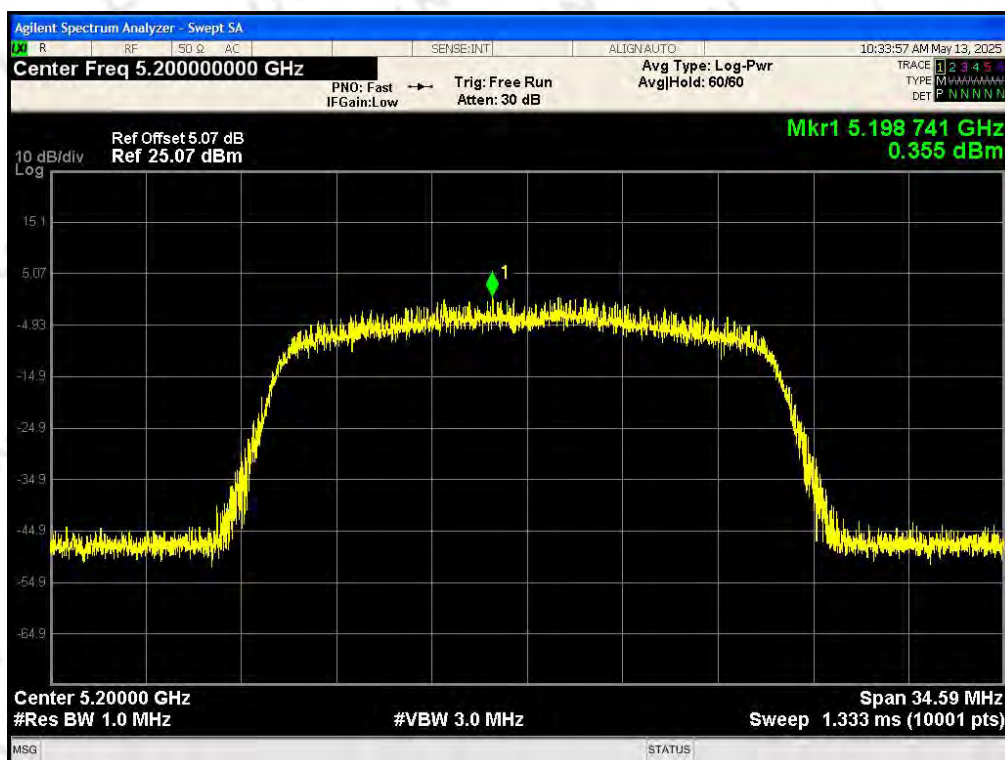
## PSD NVNT 802.11ac20 5180MHz Ant0



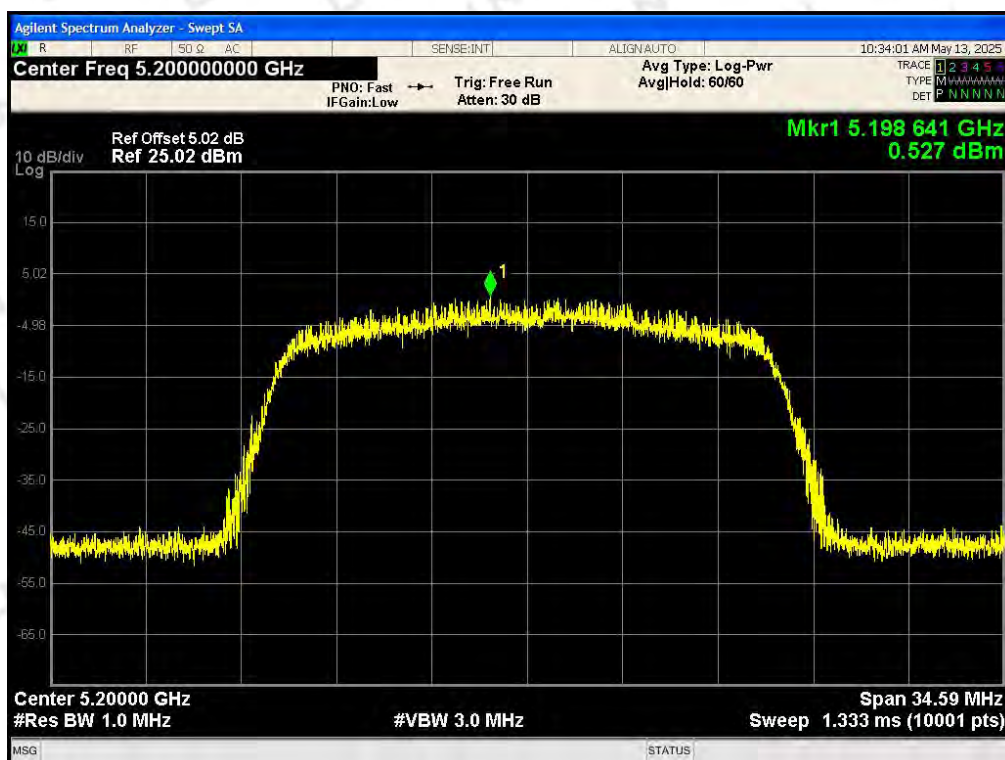
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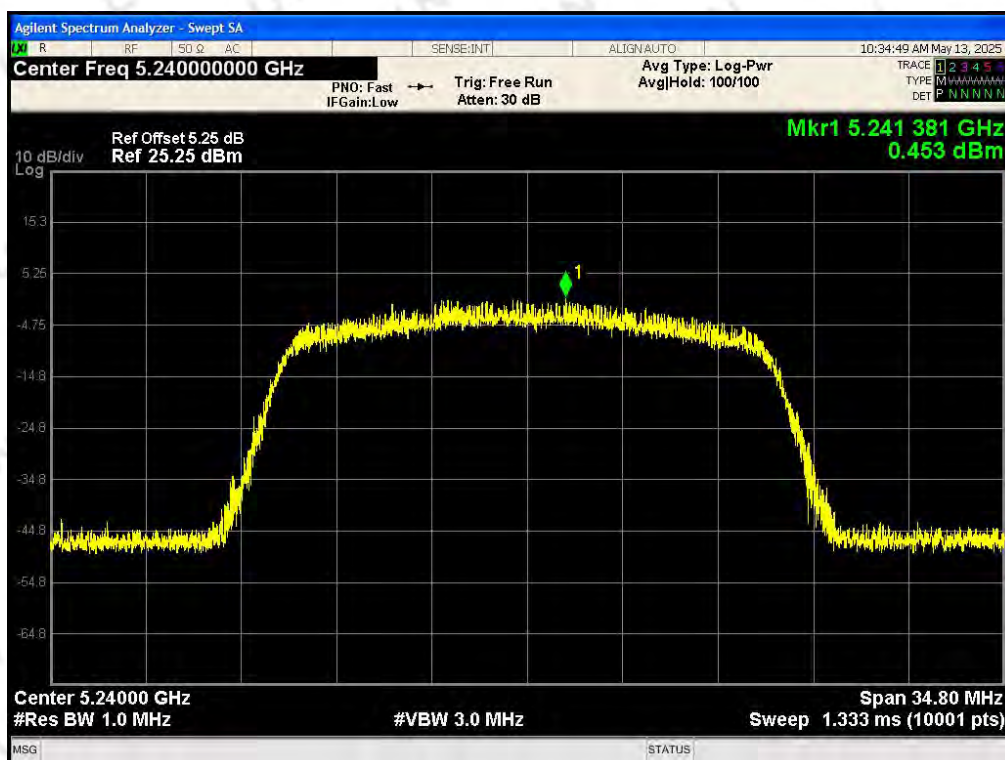
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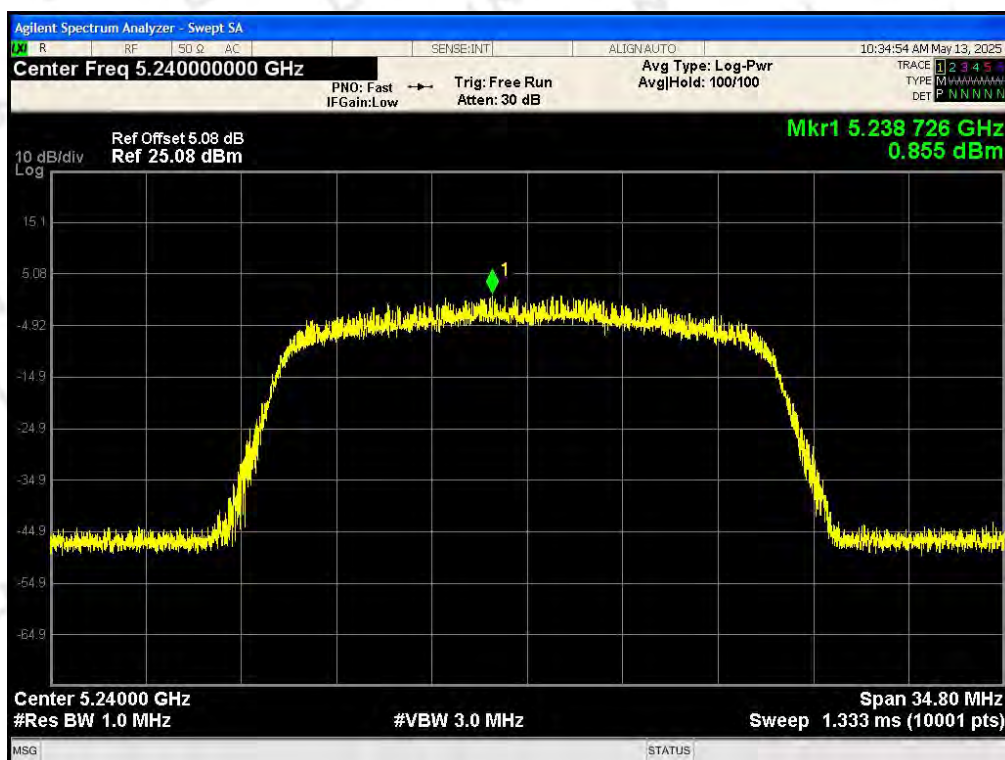
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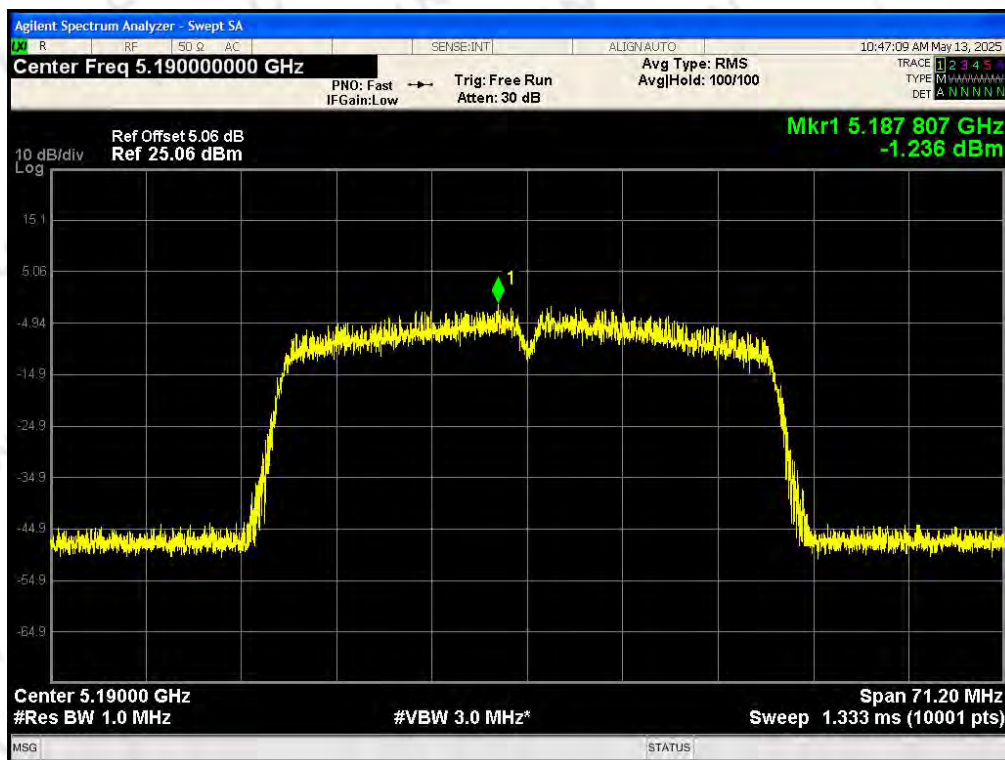
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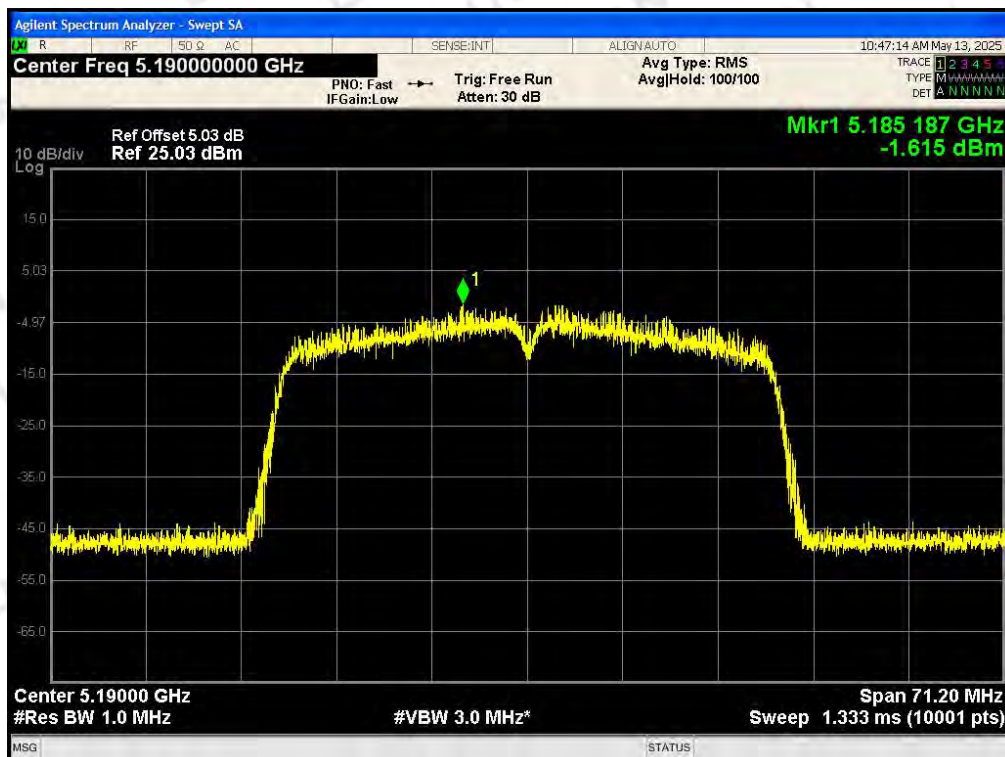
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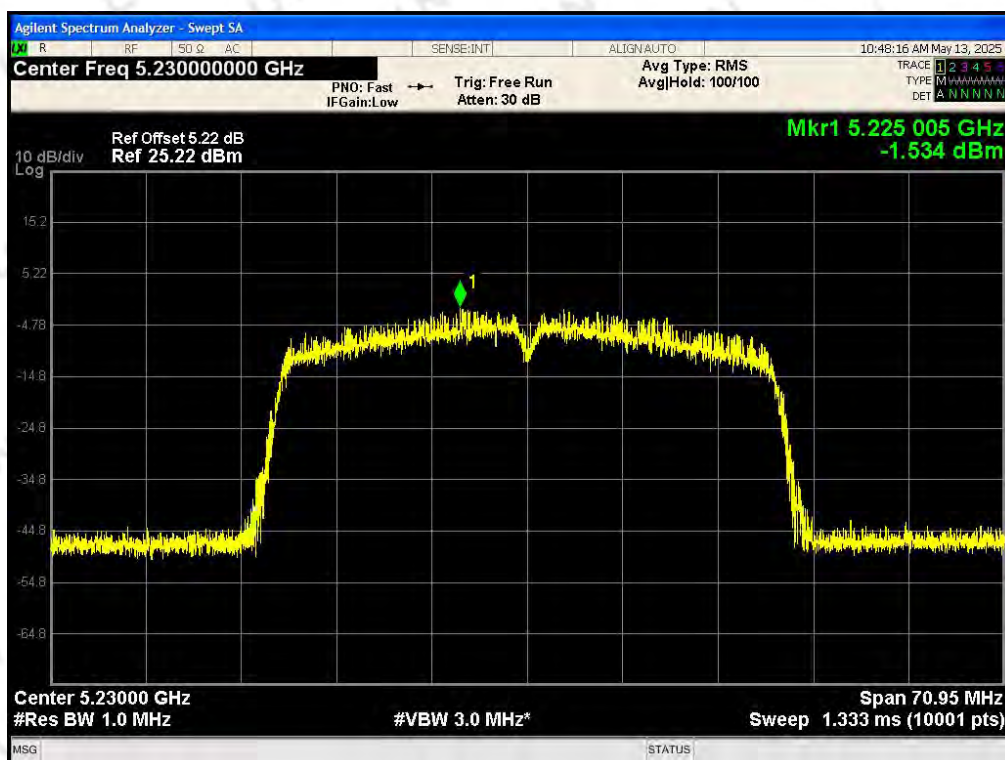
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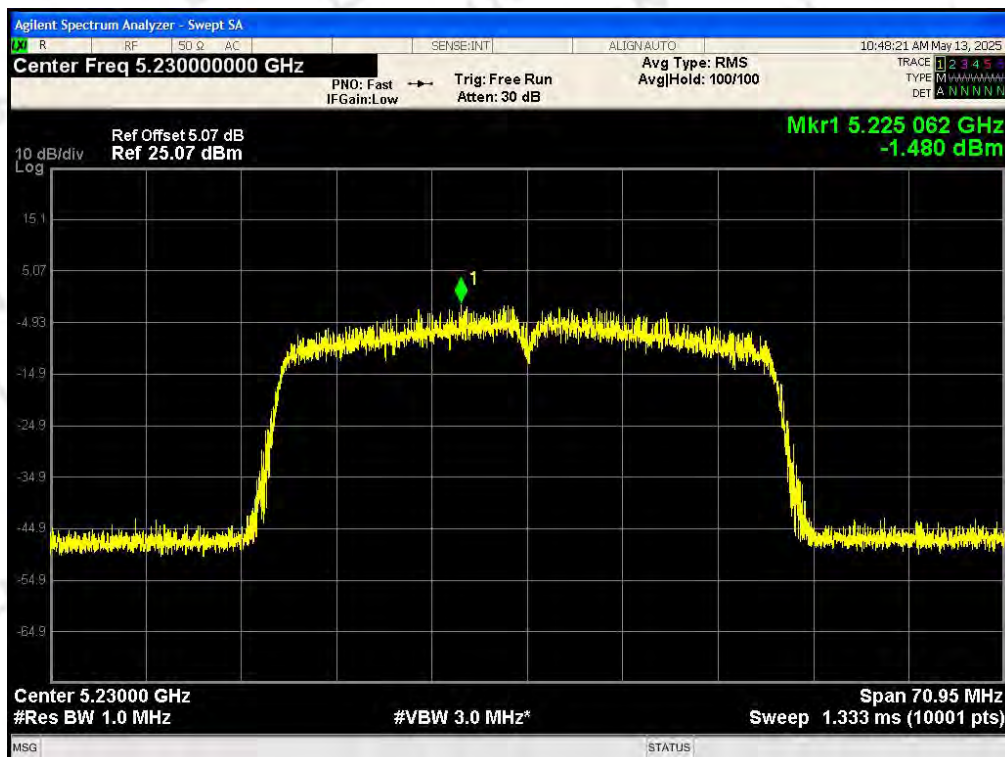
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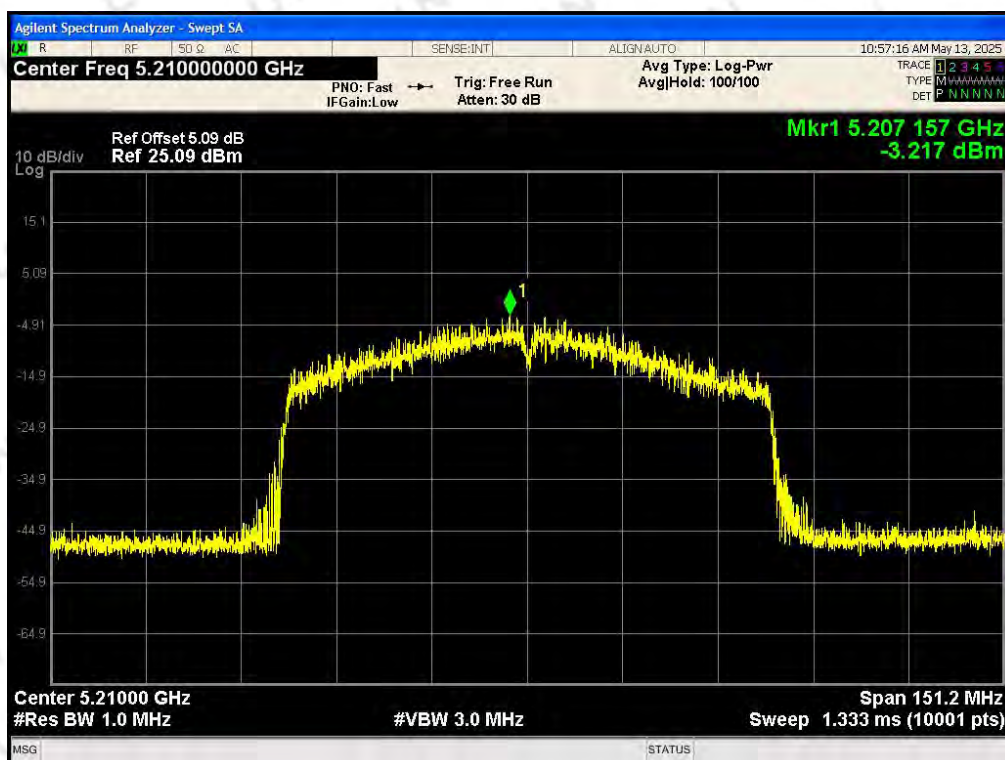
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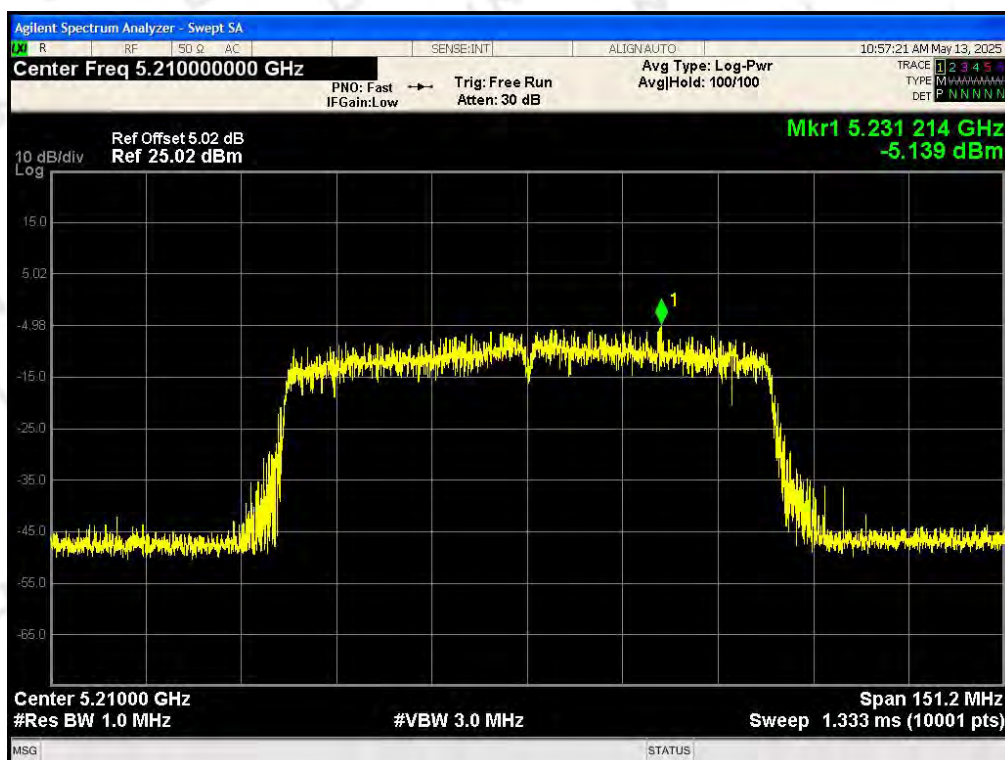
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## PSD NVNT 802.11ac80 5210MHz Ant0



## PSD NVNT 802.11ac80 5210MHz Ant1



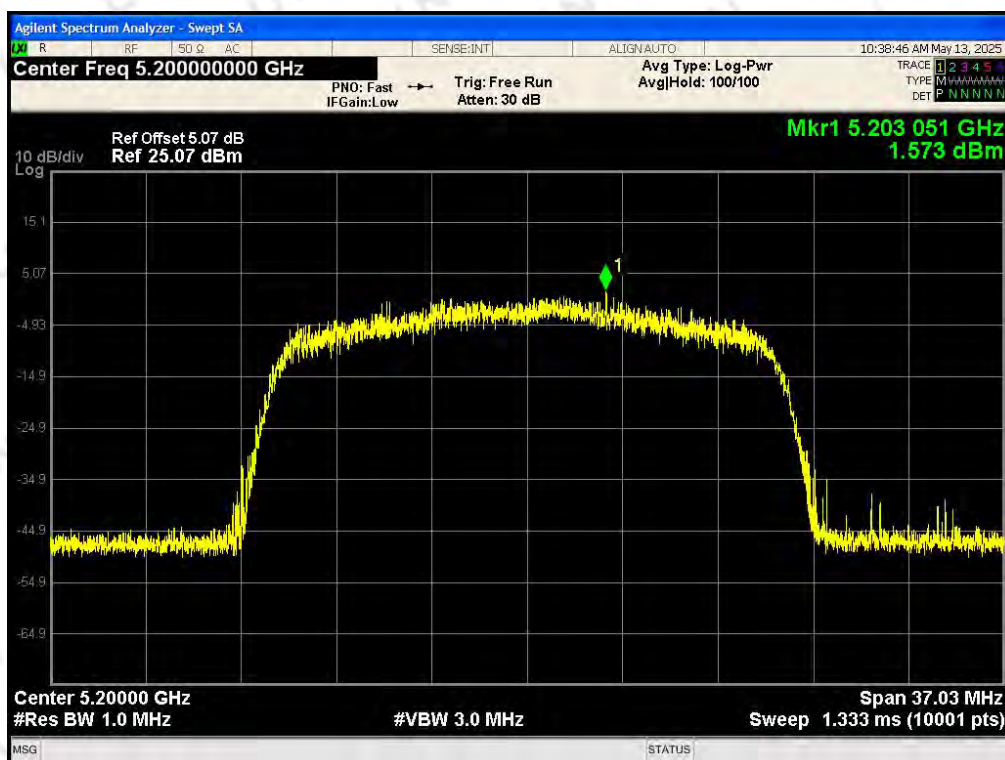
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## PSD NVNT 802.11ax20 5180MHz Ant1



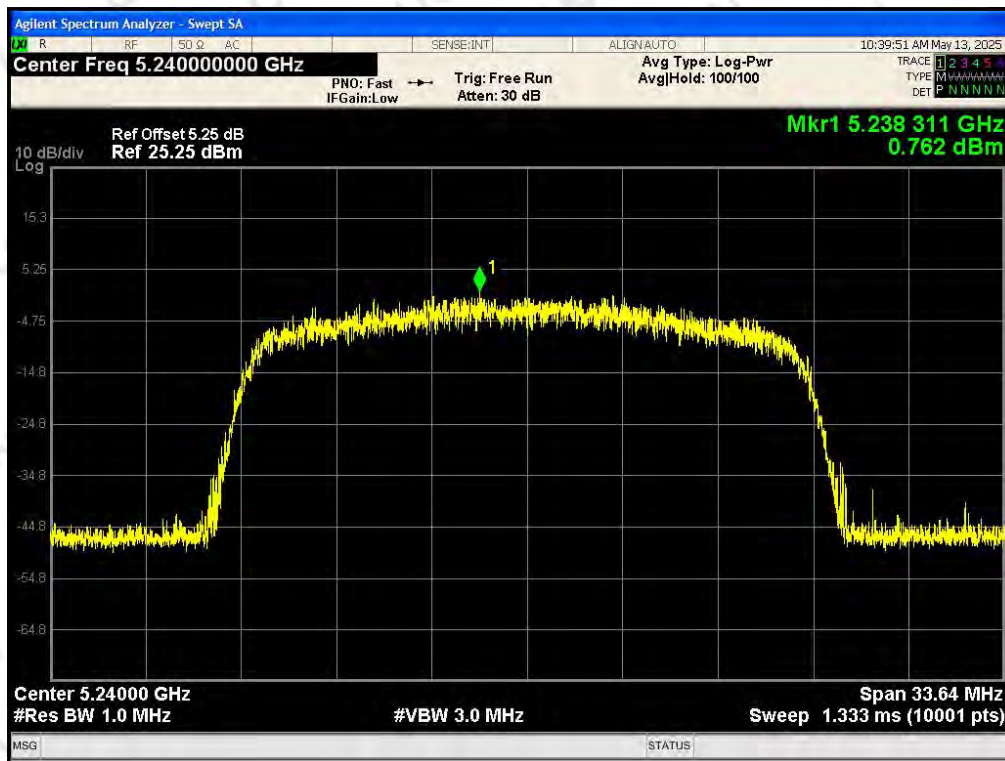
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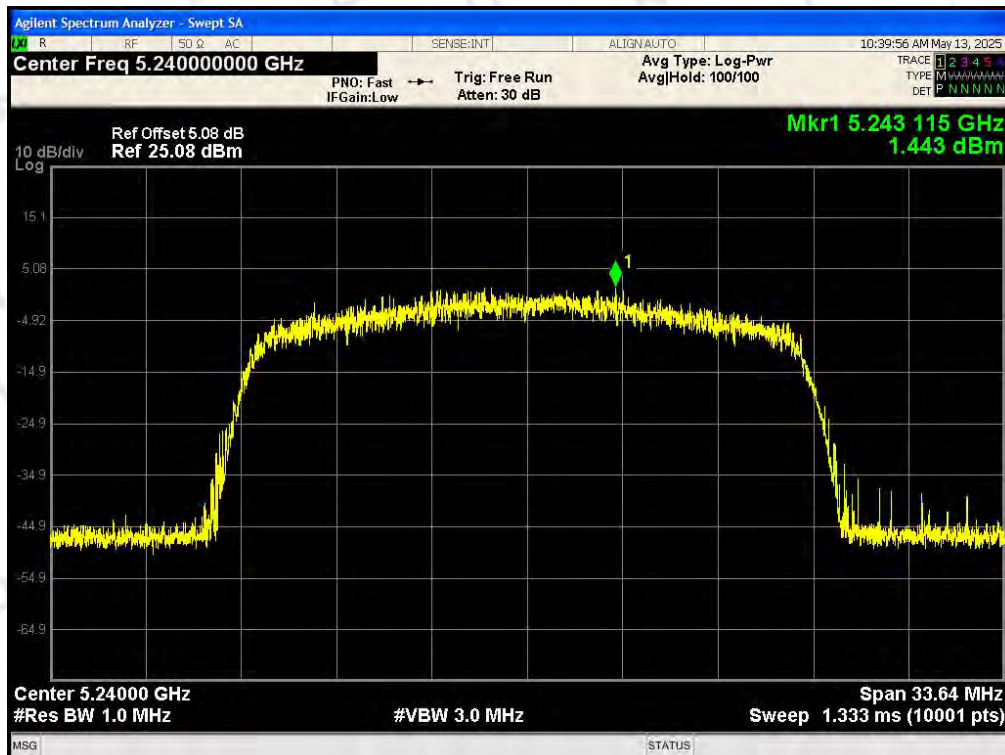
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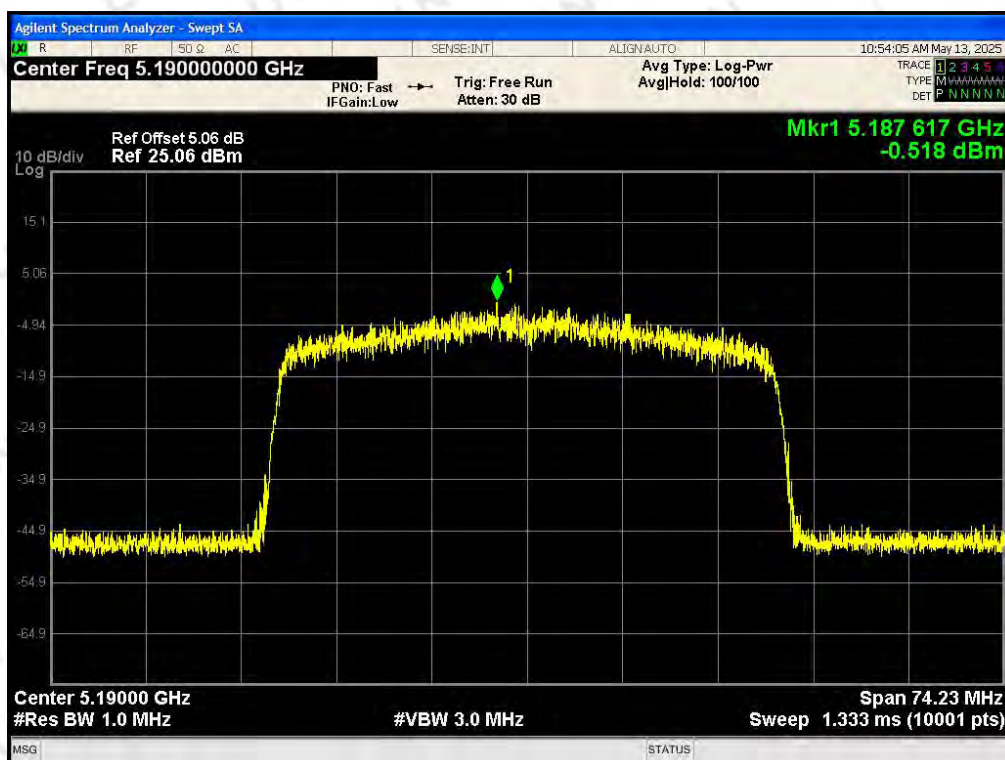
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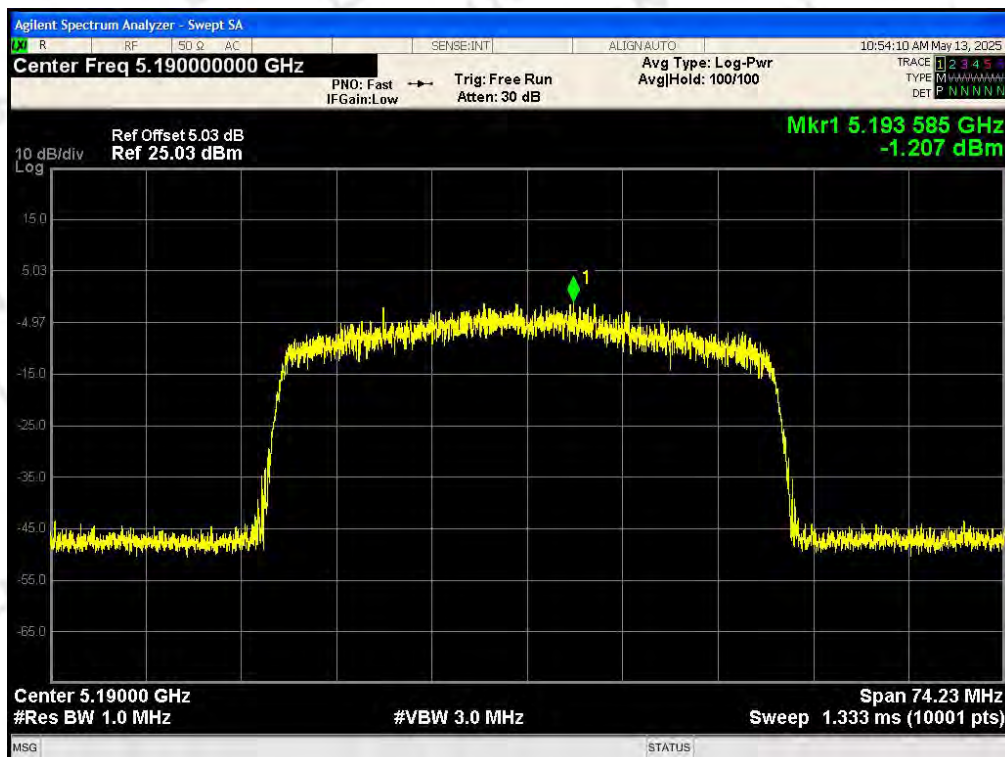
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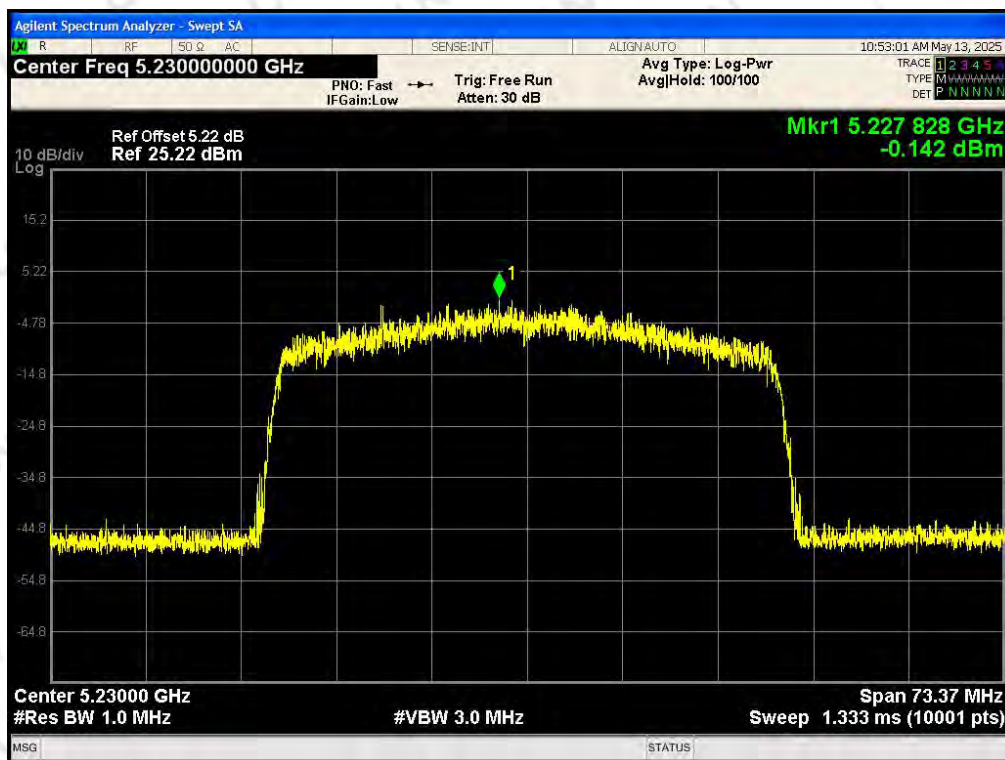
## PSD NVNT 802.11ax40 5190MHz Ant0



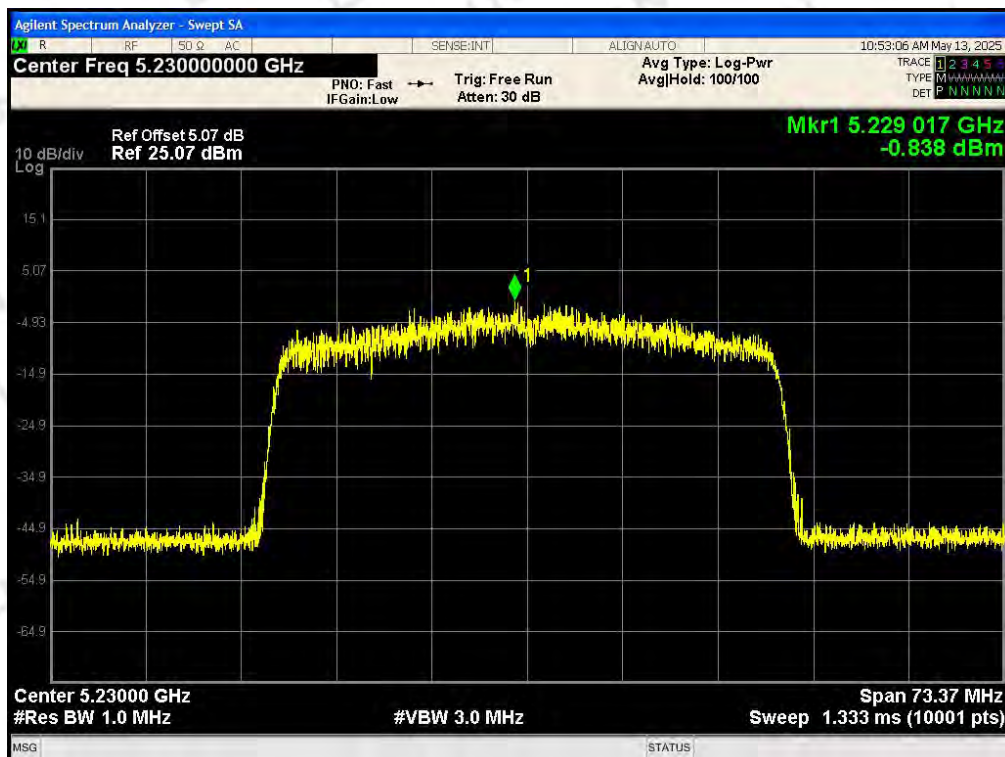
## PSD NVNT 802.11ax40 5190MHz Ant1



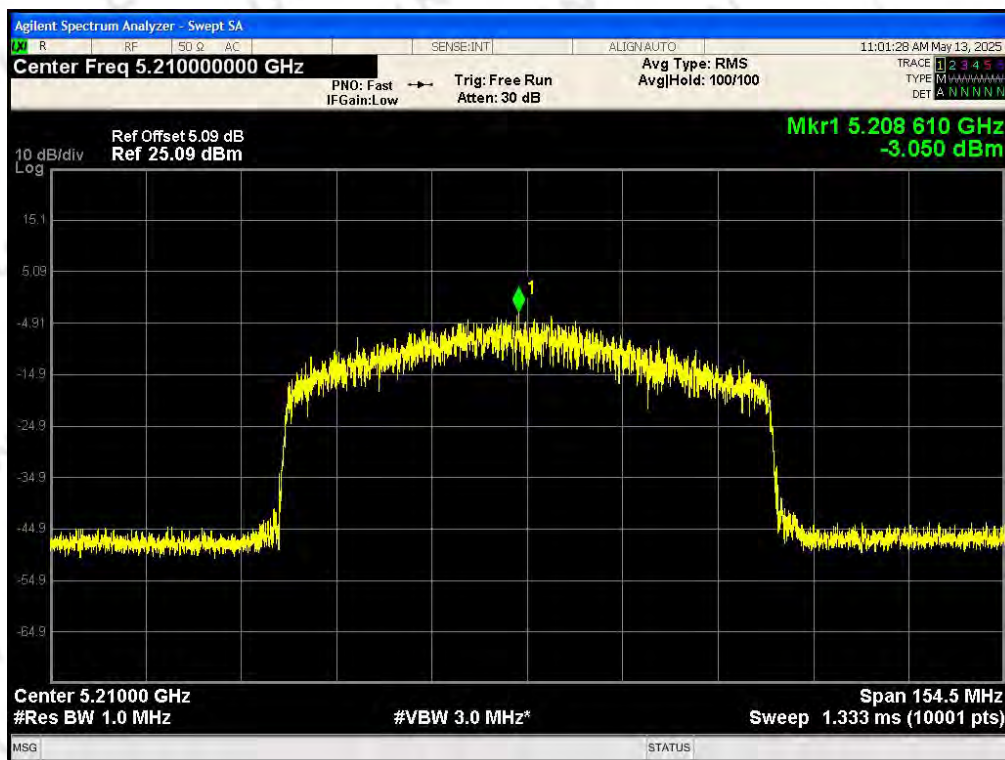
PSD NVNT 802.11ax40 5230MHz Ant0



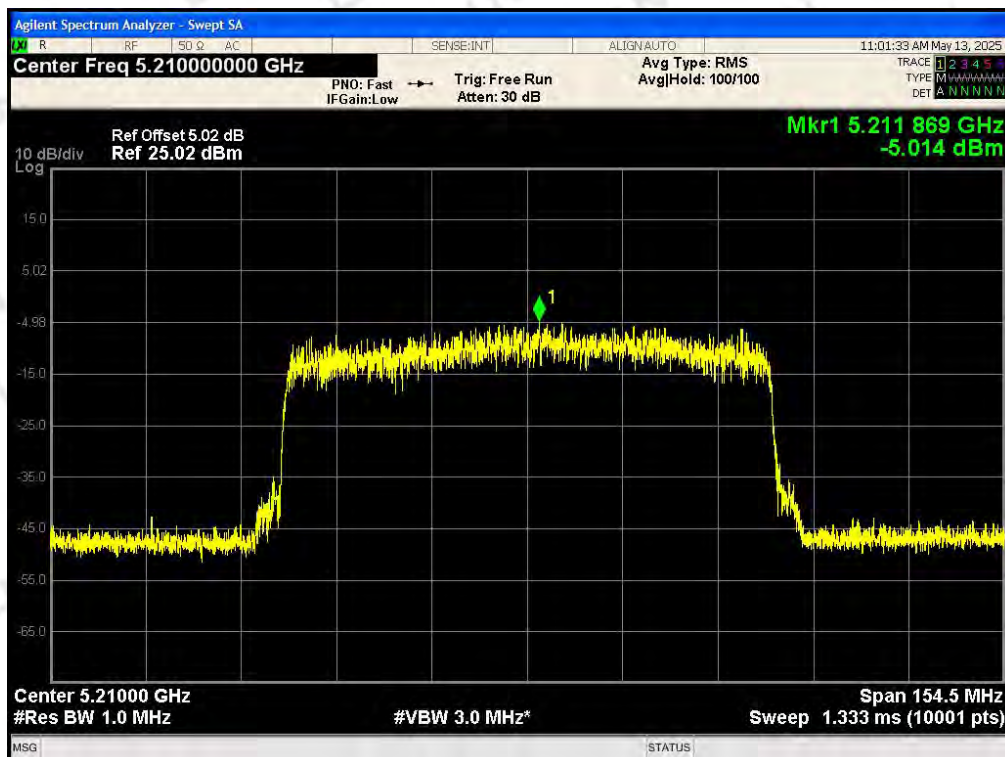
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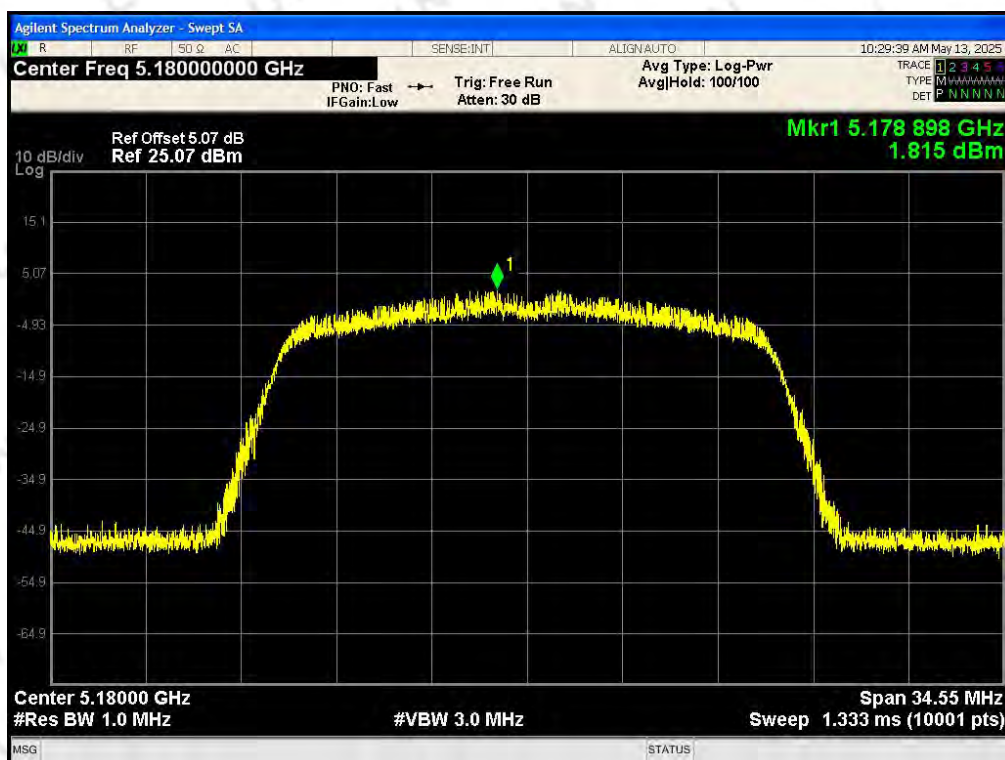
## PSD NVNT 802.11ax80 5210MHz Ant0



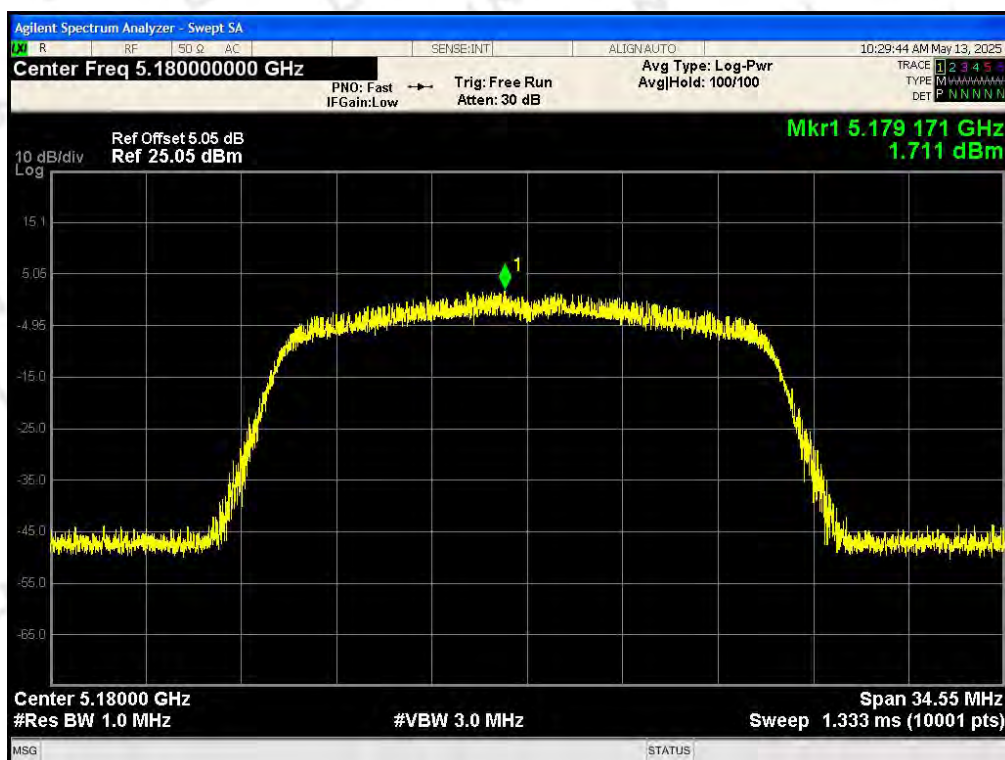
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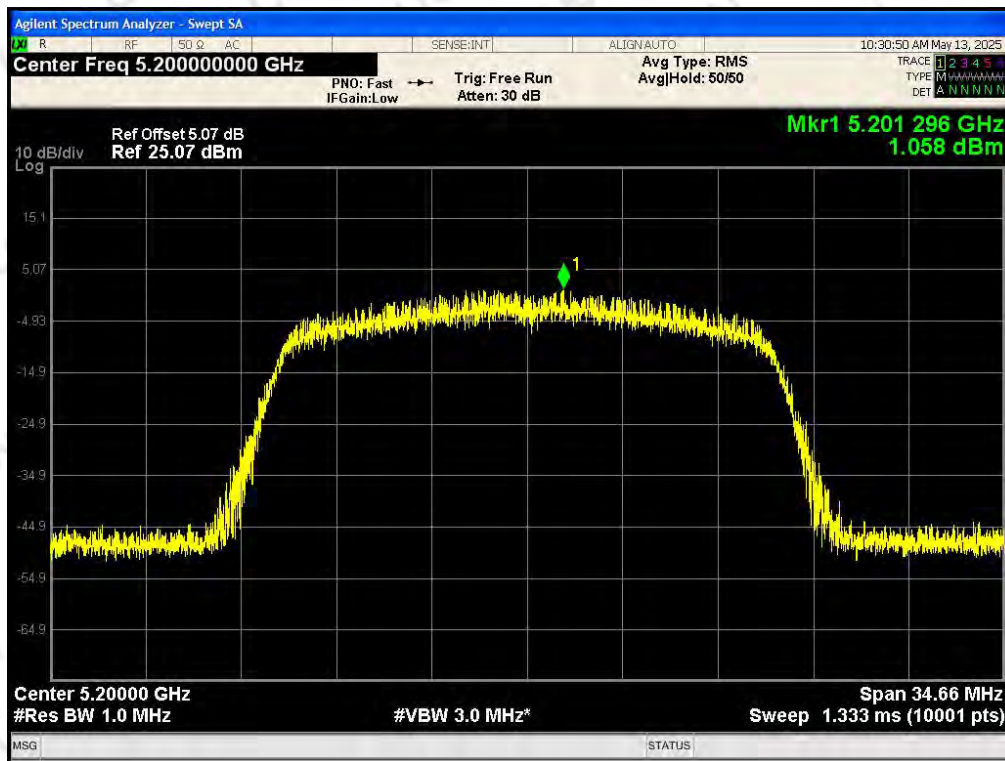
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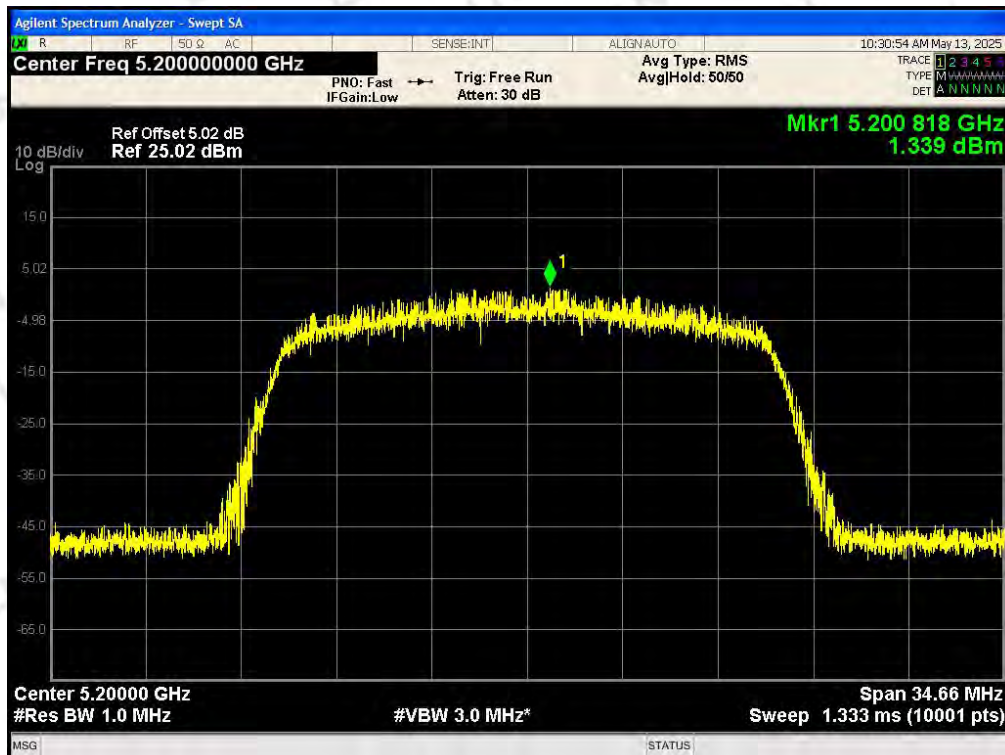
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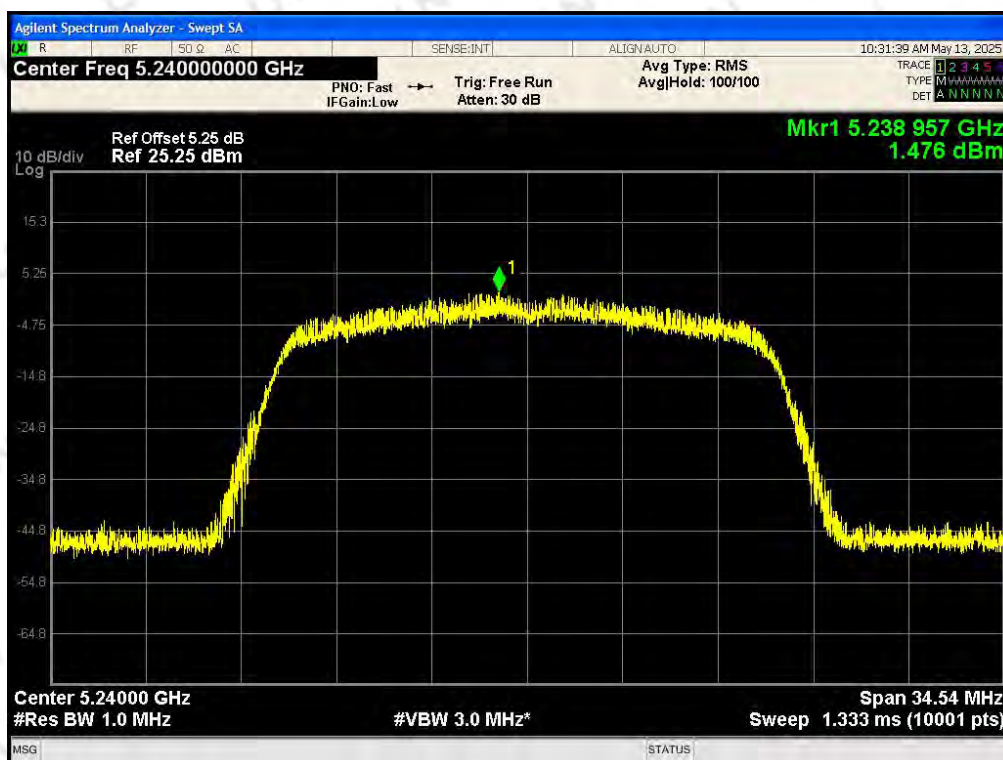
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PSD NVNT 802.11n(HT20) 5200MHz Ant1



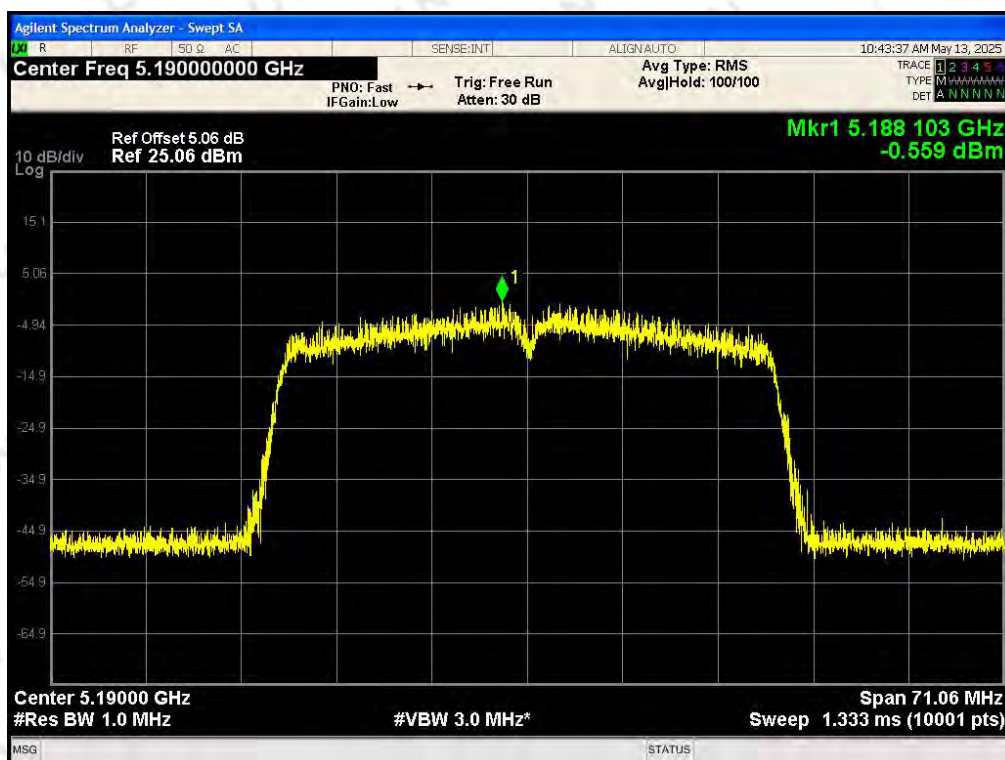
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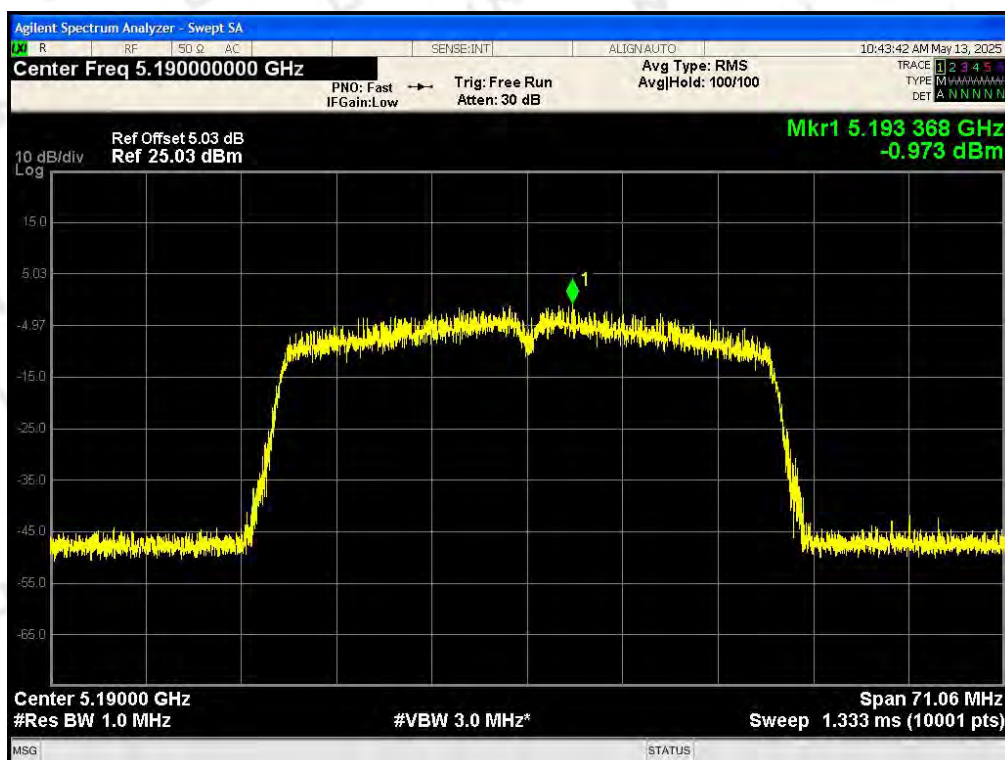
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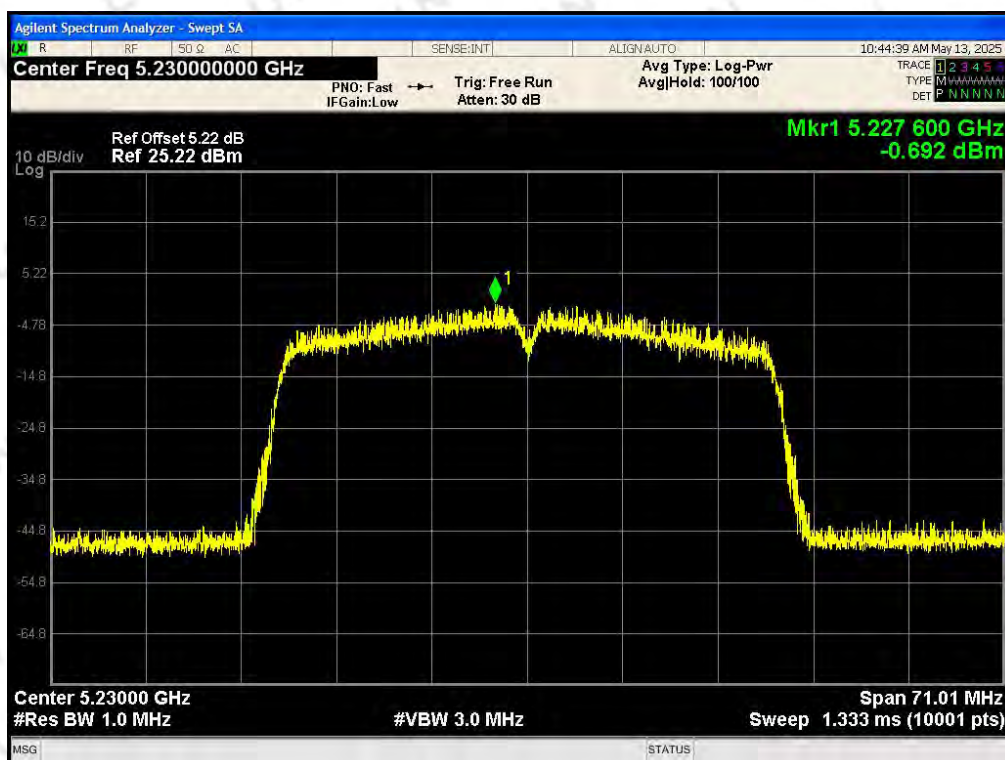
PSD NVNT 802.11n(HT40) 5190MHz Ant0



PSD NVNT 802.11n(HT40) 5190MHz Ant1



## PSD NVNT 802.11n(HT40) 5230MHz Ant0



## PSD NVNT 802.11n(HT40) 5230MHz Ant1

