

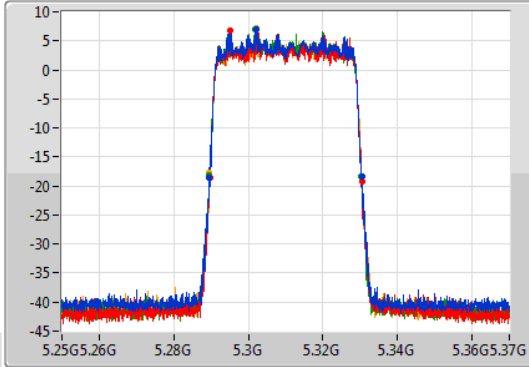
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

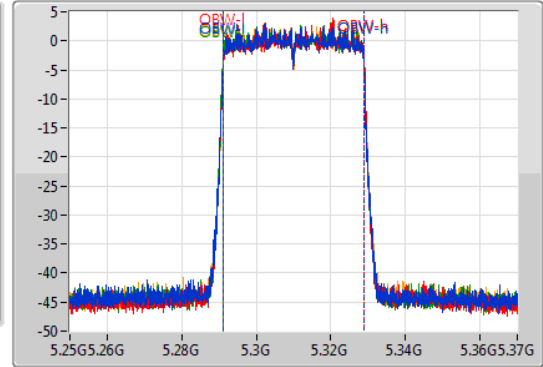
5310MHz

30/11/2019

CF: 5.31GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.31GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.98M   | 5.28948G    | 5.33046G    | 37.541M | 5.291229G  | 5.328771G  | Inf       | 1    |
| 40.86M   | 5.28966G    | 5.33052G    | 37.541M | 5.291229G  | 5.328771G  | Inf       | 2    |
| 40.86M   | 5.28948G    | 5.33034G    | 37.541M | 5.291229G  | 5.328771G  | Inf       | 3    |
| 40.92M   | 5.2896G     | 5.33052G    | 37.541M | 5.291229G  | 5.328771G  | Inf       | 4    |

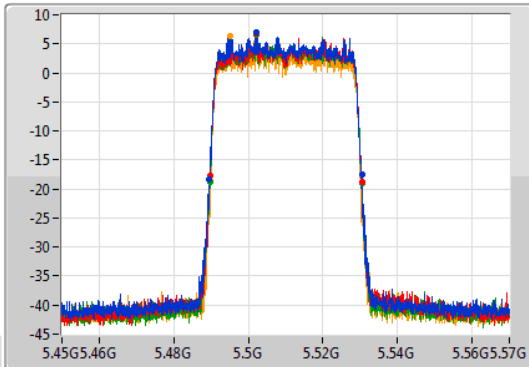
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

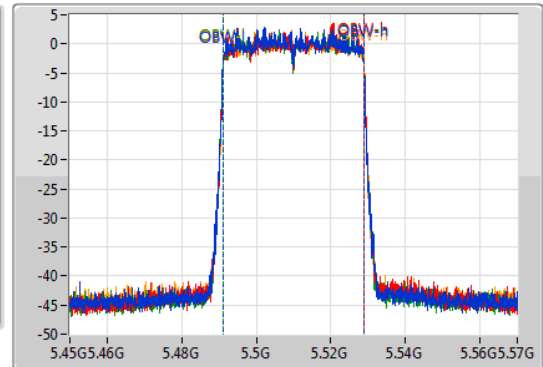
5510MHz

30/11/2019

CF: 5.51GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.51GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.98M   | 5.48942G    | 5.5304G     | 37.541M | 5.491229G  | 5.528771G  | Inf       | 1    |
| 40.74M   | 5.48966G    | 5.5304G     | 37.541M | 5.491229G  | 5.528771G  | Inf       | 2    |
| 40.74M   | 5.48966G    | 5.5304G     | 37.541M | 5.491229G  | 5.528771G  | Inf       | 3    |
| 40.8M    | 5.48972G    | 5.53052G    | 37.541M | 5.491229G  | 5.528771G  | Inf       | 4    |

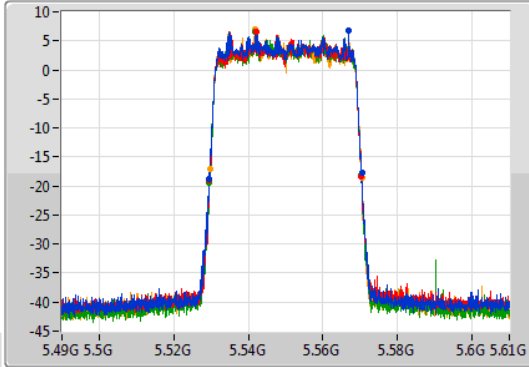
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

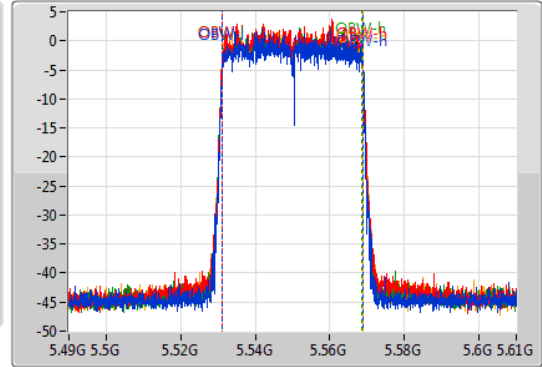
5550MHz

30/11/2019

CF: 5.55GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.04M   | 5.52942G    | 5.57046G    | 37.541M | 5.531229G  | 5.568771G  | Inf       | 1    |
| 40.74M   | 5.5296G     | 5.57034G    | 37.541M | 5.531229G  | 5.568771G  | Inf       | 2    |
| 40.86M   | 5.52948G    | 5.57034G    | 37.481M | 5.531229G  | 5.568711G  | Inf       | 3    |
| 40.74M   | 5.52966G    | 5.5704G     | 37.601M | 5.531169G  | 5.568771G  | Inf       | 4    |

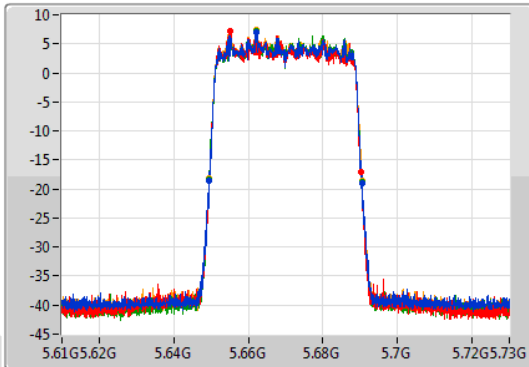
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

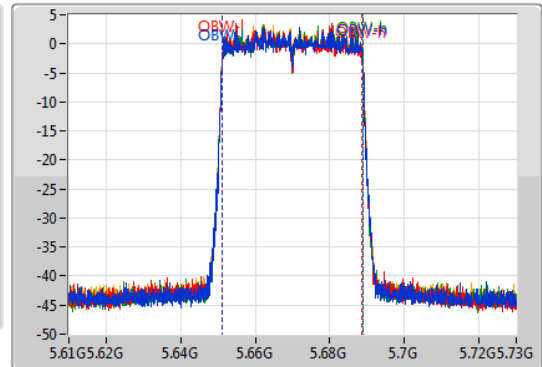
5670MHz

30/11/2019

CF: 5.67GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.67GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.1M    | 5.64942G    | 5.69052G    | 37.541M | 5.651229G  | 5.688771G  | Inf       | 1    |
| 40.68M   | 5.6496G     | 5.69028G    | 37.541M | 5.651169G  | 5.688711G  | Inf       | 2    |
| 40.98M   | 5.64942G    | 5.6904G     | 37.601M | 5.651169G  | 5.688771G  | Inf       | 3    |
| 41.04M   | 5.64948G    | 5.69052G    | 37.541M | 5.651229G  | 5.688771G  | Inf       | 4    |

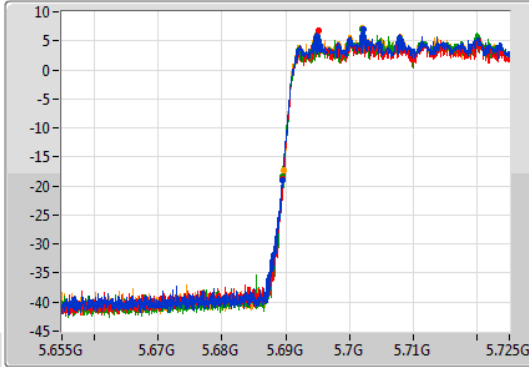
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

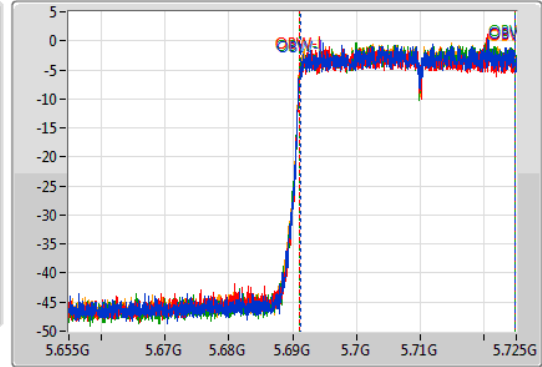
5710MHz Straddle 5.47-5.725GHz

30/11/2019

CF: 5.69GHz  
 Span: 70MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.69GHz  
 Span: 70MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 35.56M   | 5.68944G    | 5.725G      | 33.583M | 5.691189G  | 5.724773G  | Inf       | 1    |
| 35.42M   | 5.68958G    | 5.725G      | 33.688M | 5.691119G  | 5.724808G  | Inf       | 2    |
| 35.525M  | 5.689475G   | 5.725G      | 33.653M | 5.691154G  | 5.724808G  | Inf       | 3    |
| 35.385M  | 5.689615G   | 5.725G      | 33.618M | 5.691154G  | 5.724773G  | Inf       | 4    |

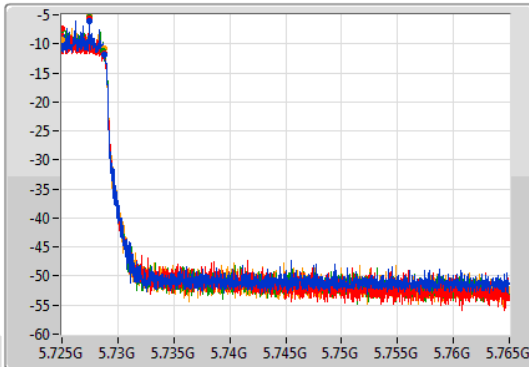
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

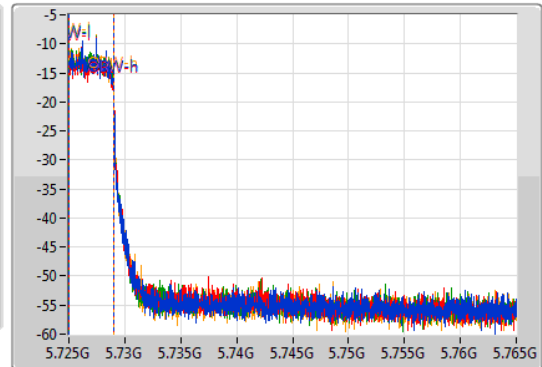
5710MHz Straddle 5.725-5.85GHz

30/11/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.745GHz  
 Span: 40MHz  
 RBW: 50kHz  
 VBW: 200kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.78M   | 5.725G     | 5.72878G   | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 1    |
| 3.84M   | 5.725G     | 5.72884G   | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 2    |
| 3.7M    | 5.725G     | 5.7287G    | 4.018M  | 5.72503G   | 5.729048G  | 500k      | 3    |
| 3.82M   | 5.725G     | 5.72882G   | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 4    |

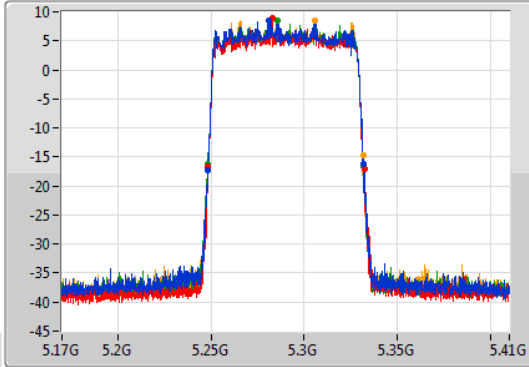
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

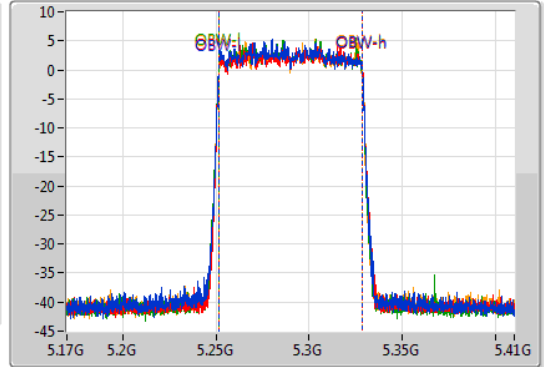
5290MHz

30/11/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.76M   | 5.24824G    | 5.332G      | 77.001M | 5.251499G  | 5.328501G  | Inf       | 1    |
| 83.76M   | 5.24836G    | 5.33212G    | 77.121M | 5.251499G  | 5.328621G  | Inf       | 2    |
| 83.52M   | 5.24812G    | 5.33164G    | 77.001M | 5.251499G  | 5.328501G  | Inf       | 3    |
| 83.4M    | 5.24824G    | 5.33164G    | 77.001M | 5.251499G  | 5.328501G  | Inf       | 4    |

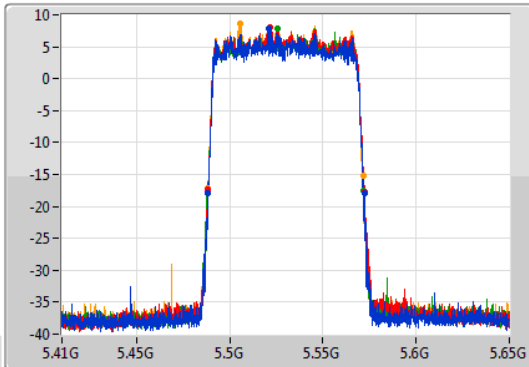
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

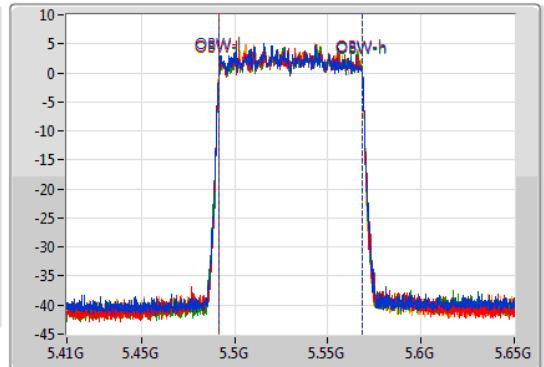
5530MHz

30/11/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.88M   | 5.48824G    | 5.57212G    | 77.001M | 5.491499G  | 5.568501G  | Inf       | 1    |
| 83.88M   | 5.48836G    | 5.57224G    | 77.121M | 5.491499G  | 5.568621G  | Inf       | 2    |
| 83.76M   | 5.488G      | 5.57176G    | 77.121M | 5.491499G  | 5.568621G  | Inf       | 3    |
| 83.28M   | 5.48824G    | 5.57152G    | 77.001M | 5.491499G  | 5.568501G  | Inf       | 4    |

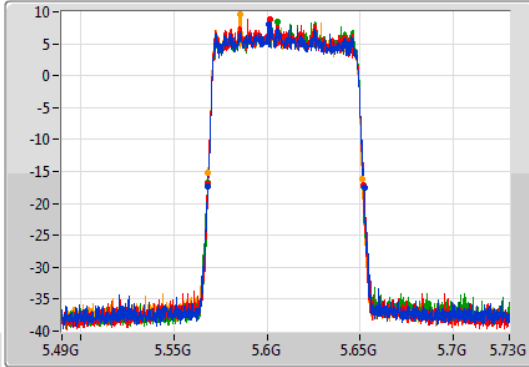
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

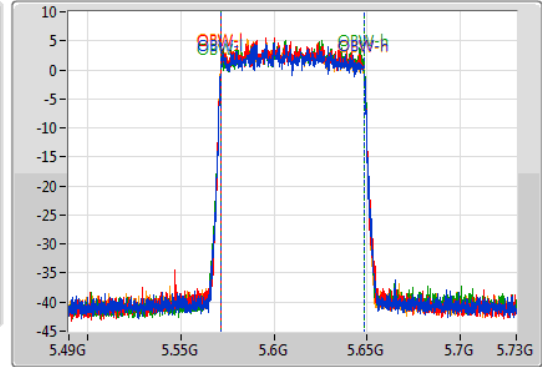
5610MHz

30/11/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.88M   | 5.56824G    | 5.65212G    | 77.121M | 5.571379G  | 5.648501G  | Inf       | 1    |
| 83.76M   | 5.56812G    | 5.65188G    | 77.001M | 5.571499G  | 5.648501G  | Inf       | 2    |
| 83.4M    | 5.56812G    | 5.65152G    | 77.001M | 5.571499G  | 5.648501G  | Inf       | 3    |
| 82.8M    | 5.56836G    | 5.65116G    | 77.001M | 5.571379G  | 5.648381G  | Inf       | 4    |

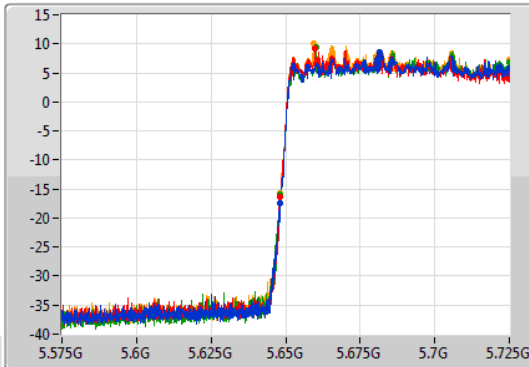
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

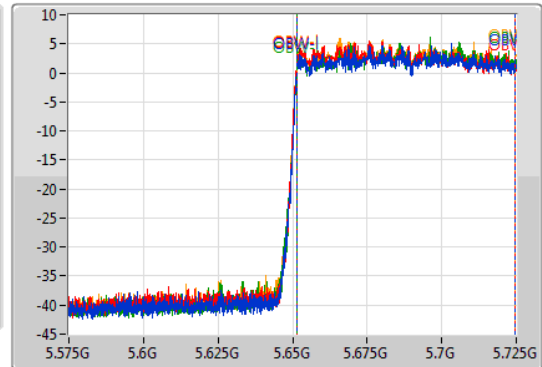
5690MHz Straddle 5.47-5.725GHz

30/11/2019

CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

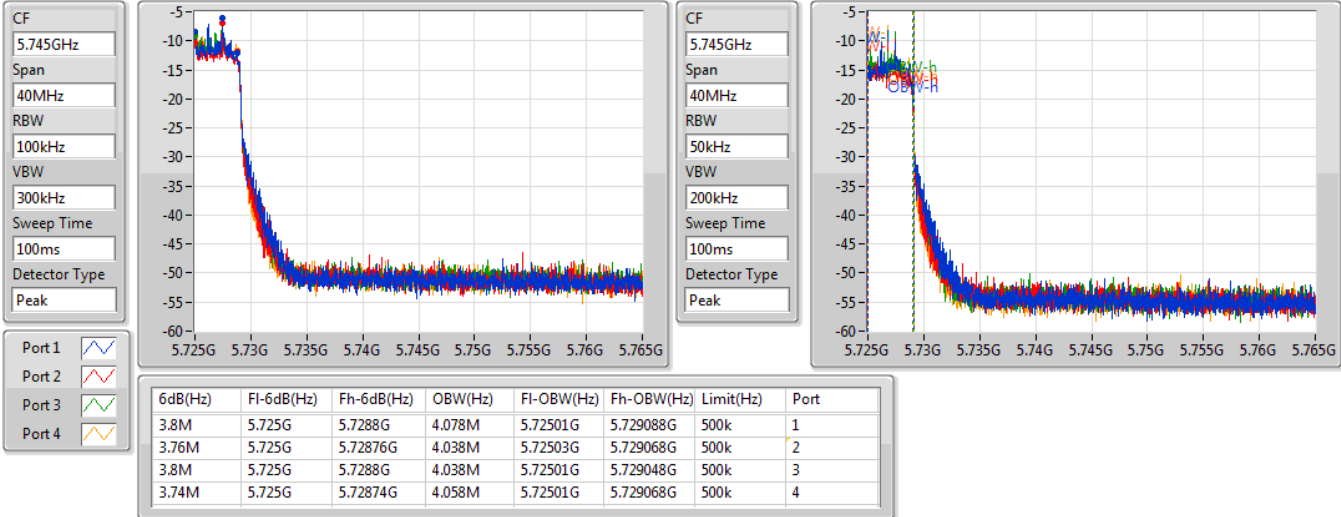
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 76.725M  | 5.648275G   | 5.725G      | 73.163M | 5.651424G  | 5.724588G  | Inf       | 1    |
| 76.8M    | 5.6482G     | 5.725G      | 73.088M | 5.651349G  | 5.724438G  | Inf       | 2    |
| 76.8M    | 5.6482G     | 5.725G      | 73.163M | 5.651424G  | 5.724588G  | Inf       | 3    |
| 76.8M    | 5.6482G     | 5.725G      | 73.238M | 5.651349G  | 5.724588G  | Inf       | 4    |

802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/11/2019

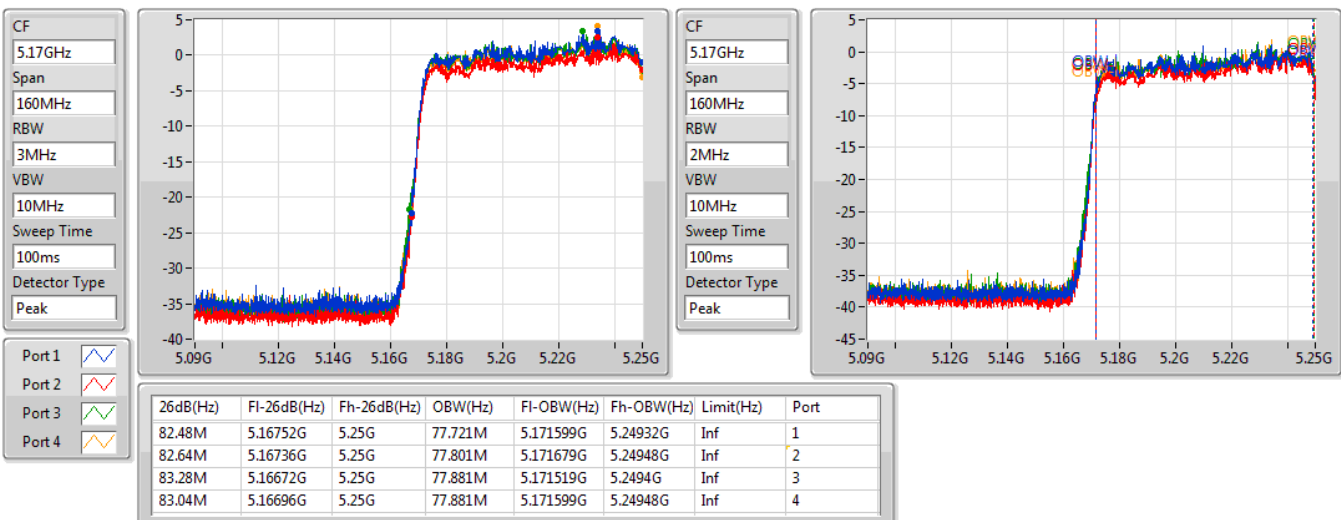


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

30/11/2019

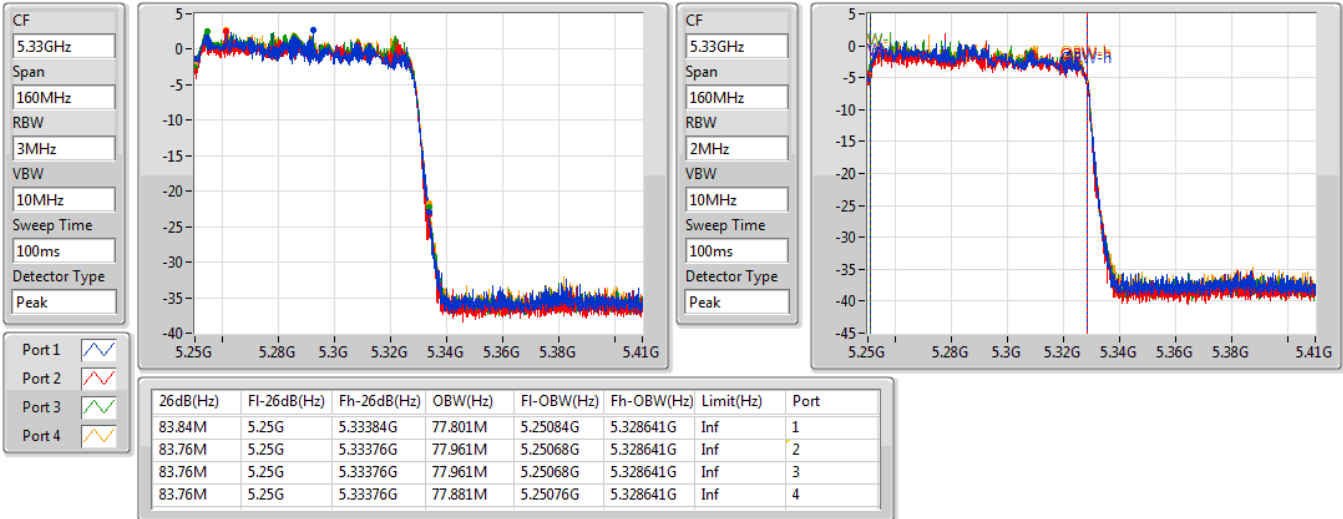


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

30/11/2019

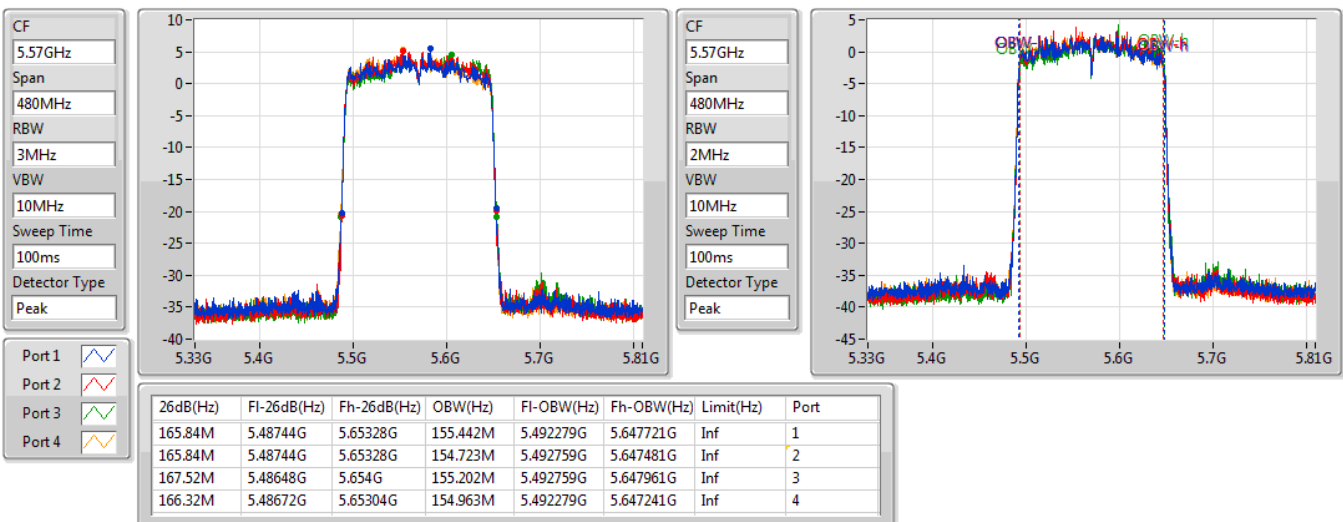


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5570MHz

30/11/2019





Summary

| Mode                            | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                    | -                | -               | -        | -                | -               |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 83.76M           | 77.401M         | 77M4D1D  | 82.08M           | 76.282M         |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 83.28M           | 78.201M         | 78M2D1D  | 82.4M            | 77.801M         |
| 5.25-5.35GHz                    | -                | -               | -        | -                | -               |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 21.81M           | 17.841M         | 17M8D1D  | 21.33M           | 17.751M         |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 40.92M           | 36.402M         | 36M4D1D  | 40.38M           | 36.342M         |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 83.04M           | 75.922M         | 75M9D1D  | 82.68M           | 75.682M         |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 84.24M           | 77.321M         | 77M3D1D  | 83.44M           | 76.362M         |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 21.9M            | 19.07M          | 19M1D1D  | 20.91M           | 18.951M         |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 41.1M            | 37.661M         | 37M7D1D  | 40.44M           | 37.481M         |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 83.76M           | 77.121M         | 77M1D1D  | 83.16M           | 76.882M         |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 85.52M           | 78.521M         | 78M5D1D  | 83.92M           | 77.801M         |
| 5.47-5.725GHz                   | -                | -               | -        | -                | -               |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 21.87M           | 17.841M         | 17M8D1D  | 15.81M           | 13.928M         |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 40.92M           | 36.462M         | 36M5D1D  | 35.245M          | 32.954M         |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 83.04M           | 75.802M         | 75M8D1D  | 76.425M          | 72.339M         |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 267.12M          | 155.442M        | 155MD1D  | 244.32M          | 154.723M        |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 21.9M            | 19.07M          | 19M1D1D  | 15.705M          | 14.528M         |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 41.16M           | 37.721M         | 37M7D1D  | 35.385M          | 33.653M         |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 83.64M           | 77.121M         | 77M1D1D  | 76.5M            | 73.013M         |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 279.6M           | 157.361M        | 157MD1D  | 251.52M          | 155.922M        |
| 5.725-5.85GHz                   | -                | -               | -        | -                | -               |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 3.74M            | 4.318M          | 4M32D1D  | 3.74M            | 4.138M          |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 3.14M            | 3.578M          | 3M58D1D  | 3.1M             | 3.438M          |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 3.12M            | 3.758M          | 3M76D1D  | 3.1M             | 3.638M          |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 4.44M            | 4.538M          | 4M54D1D  | 4.34M            | 4.518M          |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 3.92M            | 4.058M          | 4M06D1D  | 3.7M             | 4.018M          |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 3.8M             | 4.078M          | 4M08D1D  | 3.68M            | 4.078M          |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;  
**Max-OBW** = Maximum 99% occupied bandwidth;  
**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;  
**Min-OBW** = Minimum 99% occupied bandwidth;





Result

| Mode                                    | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|---|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ac VHT20_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5260MHz_TnomVnom                        | Pass   | Inf        | 21.63M           | 17.811M         | 21.45M           | 17.811M         | 21.66M           | 17.841M         | 21.33M           | 17.751M         |
| 5300MHz_TnomVnom                        | Pass   | Inf        | 21.69M           | 17.781M         | 21.57M           | 17.811M         | 21.75M           | 17.841M         | 21.45M           | 17.751M         |
| 5320MHz_TnomVnom                        | Pass   | Inf        | 21.81M           | 17.781M         | 21.48M           | 17.811M         | 21.78M           | 17.811M         | 21.51M           | 17.751M         |
| 5500MHz_TnomVnom                        | Pass   | Inf        | 21.63M           | 17.811M         | 21.57M           | 17.811M         | 21.72M           | 17.811M         | 21.54M           | 17.751M         |
| 5580MHz_TnomVnom                        | Pass   | Inf        | 21.78M           | 17.781M         | 21.57M           | 17.811M         | 21.87M           | 17.841M         | 21.57M           | 17.781M         |
| 5700MHz_TnomVnom                        | Pass   | Inf        | 21.54M           | 17.781M         | 21.48M           | 17.781M         | 21.78M           | 17.811M         | 21.39M           | 17.751M         |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 15.9M            | 13.958M         | 15.81M           | 13.928M         | 15.84M           | 13.928M         | 15.9M            | 13.973M         |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.74M            | 4.158M          | 3.74M            | 4.318M          | 3.74M            | 4.278M          | 3.74M            | 4.138M          |
| 802.11ac VHT40_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5270MHz_TnomVnom                        | Pass   | Inf        | 40.86M           | 36.402M         | 40.8M            | 36.342M         | 40.44M           | 36.342M         | 40.92M           | 36.402M         |
| 5310MHz_TnomVnom                        | Pass   | Inf        | 40.38M           | 36.402M         | 40.86M           | 36.342M         | 40.5M            | 36.342M         | 40.8M            | 36.402M         |
| 5510MHz_TnomVnom                        | Pass   | Inf        | 40.38M           | 36.402M         | 40.74M           | 36.342M         | 40.5M            | 36.342M         | 40.86M           | 36.402M         |
| 5550MHz_TnomVnom                        | Pass   | Inf        | 40.86M           | 36.402M         | 40.92M           | 36.342M         | 40.44M           | 36.342M         | 40.8M            | 36.402M         |
| 5670MHz_TnomVnom                        | Pass   | Inf        | 40.86M           | 36.402M         | 40.74M           | 36.342M         | 40.56M           | 36.282M         | 40.86M           | 36.462M         |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 35.525M          | 32.954M         | 35.35M           | 32.989M         | 35.245M          | 32.954M         | 35.56M           | 33.058M         |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.1M             | 3.438M          | 3.14M            | 3.578M          | 3.12M            | 3.498M          | 3.12M            | 3.498M          |
| 802.11ac VHT80_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5290MHz_TnomVnom                        | Pass   | Inf        | 83.04M           | 75.682M         | 82.8M            | 75.802M         | 82.68M           | 75.682M         | 82.8M            | 75.922M         |
| 5530MHz_TnomVnom                        | Pass   | Inf        | 82.92M           | 75.682M         | 82.68M           | 75.802M         | 82.92M           | 75.802M         | 83.04M           | 75.802M         |
| 5610MHz_TnomVnom                        | Pass   | Inf        | 82.92M           | 75.682M         | 82.56M           | 75.682M         | 82.92M           | 75.802M         | 83.04M           | 75.802M         |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 76.725M          | 72.414M         | 76.425M          | 72.339M         | 76.725M          | 72.414M         | 76.575M          | 72.489M         |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.1M             | 3.698M          | 3.12M            | 3.758M          | 3.1M             | 3.638M          | 3.1M             | 3.738M          |
| 802.11ac VHT160_Nss4,(MCS0)_4TX         | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5250MHz Straddle 5.15-5.25GHz_TnomVnom  | Pass   | Inf        | 83.6M            | 77.401M         | 83.76M           | 76.842M         | 82.08M           | 76.282M         | 83.28M           | 76.842M         |
| 5250MHz Straddle 5.25-5.35GHz_TnomVnom  | Pass   | Inf        | 84.24M           | 77.321M         | 83.44M           | 77.081M         | 83.6M            | 76.362M         | 84.08M           | 76.682M         |
| 5570MHz_TnomVnom                        | Pass   | Inf        | 253.2M           | 154.723M        | 263.04M          | 154.963M        | 244.32M          | 155.442M        | 267.12M          | 154.963M        |
| 802.11ax HEW20_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5260MHz_TnomVnom                        | Pass   | Inf        | 20.91M           | 18.951M         | 21.87M           | 19.01M          | 21.33M           | 19.04M          | 21.57M           | 18.981M         |
| 5300MHz_TnomVnom                        | Pass   | Inf        | 21.33M           | 18.981M         | 21.9M            | 19.01M          | 21.24M           | 19.04M          | 21.54M           | 19.04M          |
| 5320MHz_TnomVnom                        | Pass   | Inf        | 21.18M           | 18.981M         | 21.84M           | 19.01M          | 21.33M           | 19.07M          | 21.63M           | 19.07M          |
| 5500MHz_TnomVnom                        | Pass   | Inf        | 21.33M           | 18.981M         | 21.81M           | 19.04M          | 21.36M           | 19.04M          | 21.42M           | 19.07M          |
| 5580MHz_TnomVnom                        | Pass   | Inf        | 21.3M            | 19.01M          | 21.84M           | 19.04M          | 21.39M           | 19.04M          | 21.6M            | 19.07M          |
| 5700MHz_TnomVnom                        | Pass   | Inf        | 21.45M           | 18.981M         | 21.9M            | 19.04M          | 21.36M           | 19.07M          | 21.72M           | 19.07M          |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 15.795M          | 14.528M         | 15.975M          | 14.573M         | 15.705M          | 14.558M         | 15.93M           | 14.618M         |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 4.34M            | 4.518M          | 4.44M            | 4.538M          | 4.44M            | 4.518M          | 4.38M            | 4.518M          |
| 802.11ax HEW40_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5270MHz_TnomVnom                        | Pass   | Inf        | 40.8M            | 37.661M         | 40.92M           | 37.661M         | 40.56M           | 37.481M         | 41.1M            | 37.661M         |
| 5310MHz_TnomVnom                        | Pass   | Inf        | 40.86M           | 37.661M         | 41.04M           | 37.601M         | 40.44M           | 37.481M         | 40.92M           | 37.661M         |
| 5510MHz_TnomVnom                        | Pass   | Inf        | 40.92M           | 37.601M         | 40.92M           | 37.601M         | 40.62M           | 37.481M         | 41.16M           | 37.661M         |
| 5550MHz_TnomVnom                        | Pass   | Inf        | 40.86M           | 37.661M         | 40.92M           | 37.661M         | 40.5M            | 37.541M         | 41.04M           | 37.661M         |
| 5670MHz_TnomVnom                        | Pass   | Inf        | 40.92M           | 37.661M         | 40.92M           | 37.661M         | 40.56M           | 37.481M         | 40.98M           | 37.721M         |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 35.525M          | 33.758M         | 35.42M           | 33.723M         | 35.385M          | 33.653M         | 35.49M           | 33.688M         |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.92M            | 4.038M          | 3.74M            | 4.058M          | 3.84M            | 4.018M          | 3.7M             | 4.038M          |



| Mode                                    | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|---|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ax HEW80_Nss4,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5290MHz_TnomVnom                        | Pass   | Inf        | 83.16M           | 76.882M         | 83.16M           | 77.121M         | 83.28M           | 77.121M         | 83.76M           | 77.001M         |
| 5530MHz_TnomVnom                        | Pass   | Inf        | 83.28M           | 77.001M         | 83.16M           | 77.001M         | 83.16M           | 77.121M         | 83.64M           | 77.001M         |
| 5610MHz_TnomVnom                        | Pass   | Inf        | 83.4M            | 77.001M         | 83.16M           | 77.001M         | 83.28M           | 77.121M         | 83.4M            | 77.001M         |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 76.8M            | 73.238M         | 76.65M           | 73.013M         | 76.5M            | 73.313M         | 76.725M          | 73.088M         |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.78M            | 4.078M          | 3.68M            | 4.078M          | 3.8M             | 4.078M          | 3.8M             | 4.078M          |
| 802.11ax HEW160_Nss4,(MCS0)_4TX         | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5250MHz Straddle 5.15-5.25GHz_TnomVnom  | Pass   | Inf        | 82.64M           | 77.801M         | 82.4M            | 77.801M         | 83.28M           | 78.201M         | 83.12M           | 78.041M         |
| 5250MHz Straddle 5.25-5.35GHz_TnomVnom  | Pass   | Inf        | 84.64M           | 77.801M         | 85.52M           | 78.521M         | 84.32M           | 77.961M         | 83.92M           | 77.881M         |
| 5570MHz_TnomVnom                        | Pass   | Inf        | 251.76M          | 155.922M        | 251.52M          | 156.402M        | 279.6M           | 157.361M        | 276M             | 156.162M        |

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

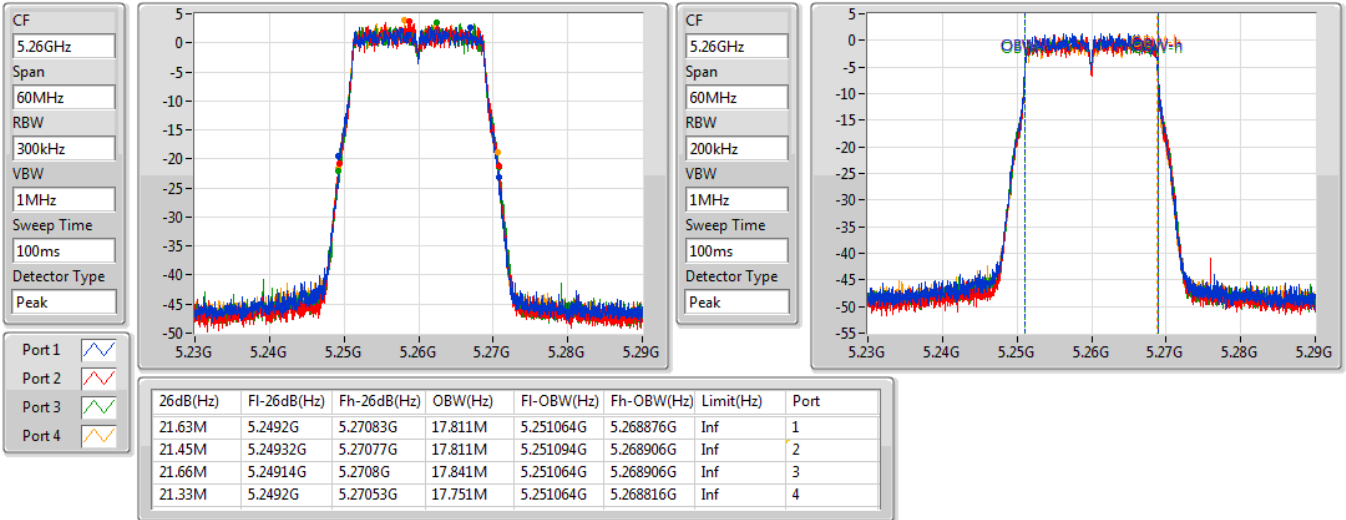
**Port X-OBW** = Port X 99% occupied bandwidth;

802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5260MHz

30/11/2019

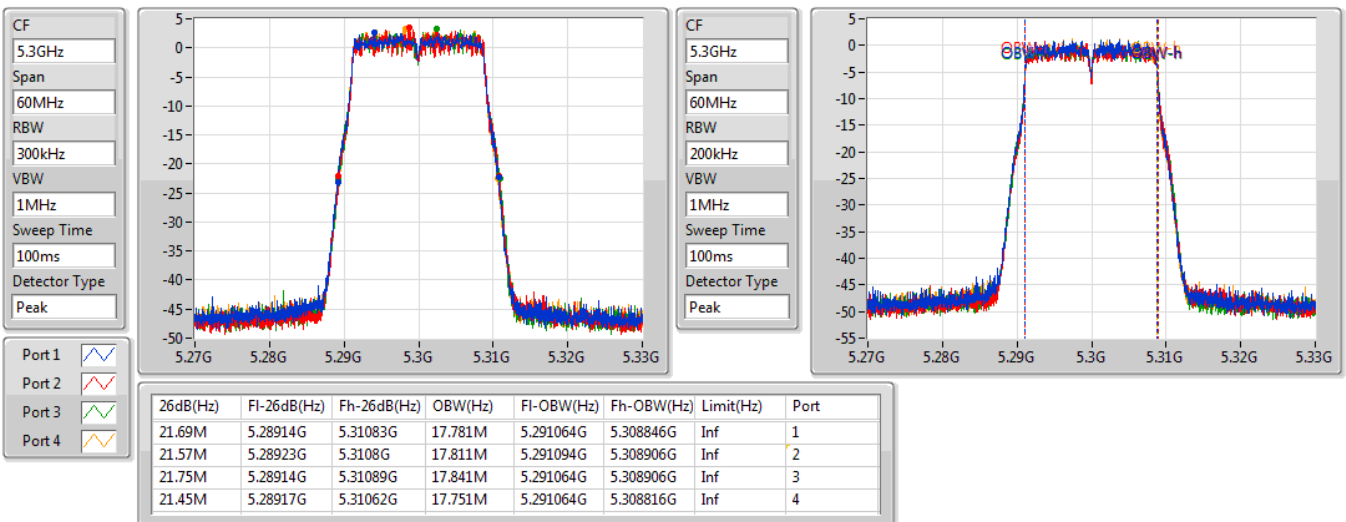


802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5300MHz

30/11/2019





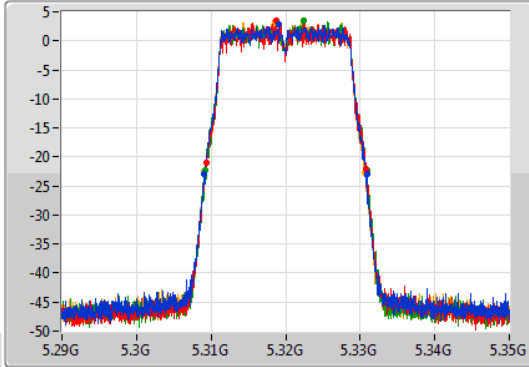
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

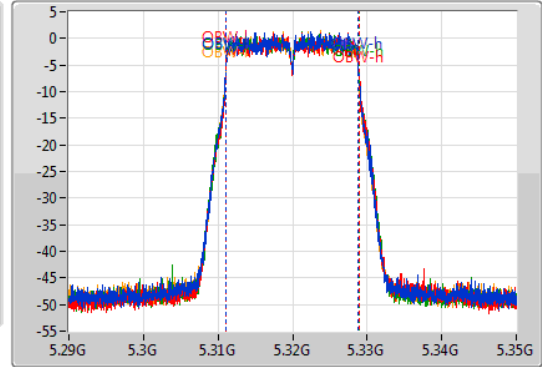
5320MHz

30/11/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.81M   | 5.30911G    | 5.33092G    | 17.781M | 5.311064G  | 5.328846G  | Inf       | 1    |
| 21.48M   | 5.30932G    | 5.3308G     | 17.811M | 5.311124G  | 5.328936G  | Inf       | 2    |
| 21.78M   | 5.30914G    | 5.33092G    | 17.811M | 5.311094G  | 5.328906G  | Inf       | 3    |
| 21.51M   | 5.30911G    | 5.33062G    | 17.751M | 5.311064G  | 5.328816G  | Inf       | 4    |

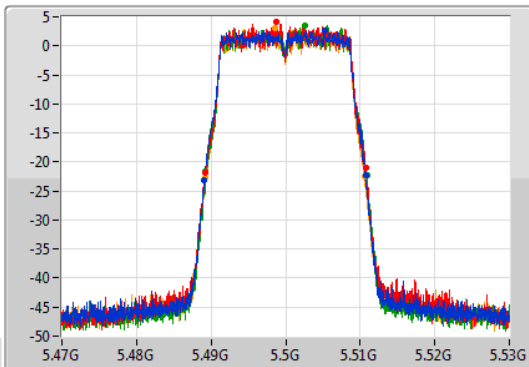
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

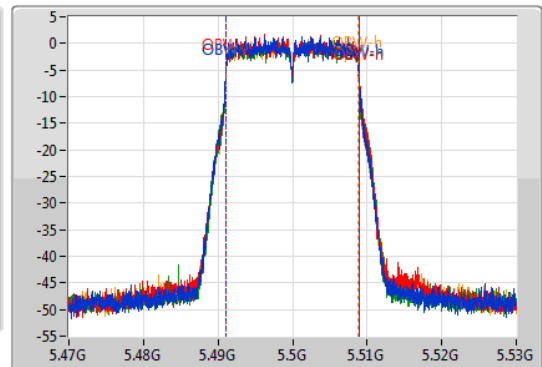
5500MHz

30/11/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.63M   | 5.48911G    | 5.51074G    | 17.811M | 5.491064G  | 5.508876G  | Inf       | 1    |
| 21.57M   | 5.4892G     | 5.51077G    | 17.811M | 5.491094G  | 5.508906G  | Inf       | 2    |
| 21.72M   | 5.48917G    | 5.51089G    | 17.811M | 5.491094G  | 5.508906G  | Inf       | 3    |
| 21.54M   | 5.48914G    | 5.51068G    | 17.751M | 5.491064G  | 5.508816G  | Inf       | 4    |

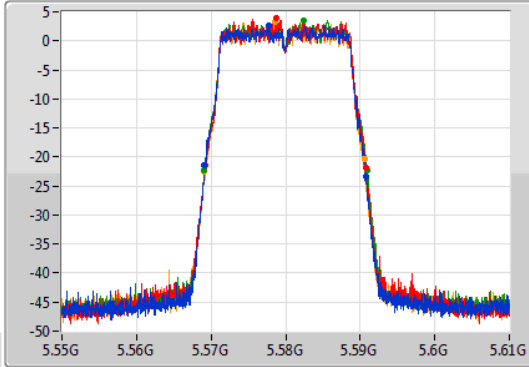
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

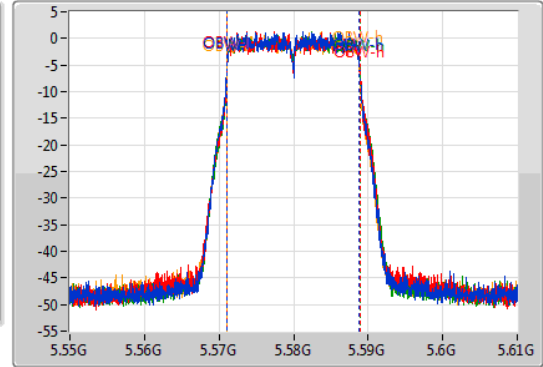
5580MHz

30/11/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.78M   | 5.56902G    | 5.5908G     | 17.781M | 5.571064G  | 5.588846G  | Inf       | 1    |
| 21.57M   | 5.56923G    | 5.5908G     | 17.811M | 5.571094G  | 5.588906G  | Inf       | 2    |
| 21.87M   | 5.56911G    | 5.59098G    | 17.841M | 5.571064G  | 5.588906G  | Inf       | 3    |
| 21.57M   | 5.56911G    | 5.59068G    | 17.781M | 5.571034G  | 5.588816G  | Inf       | 4    |

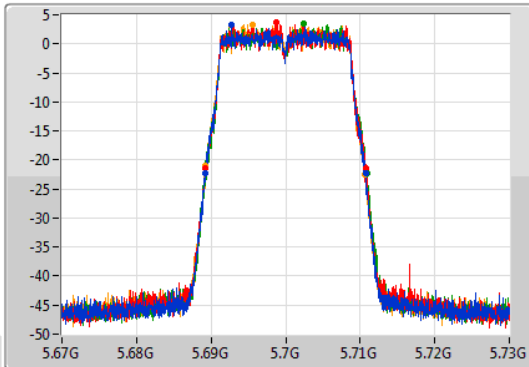
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

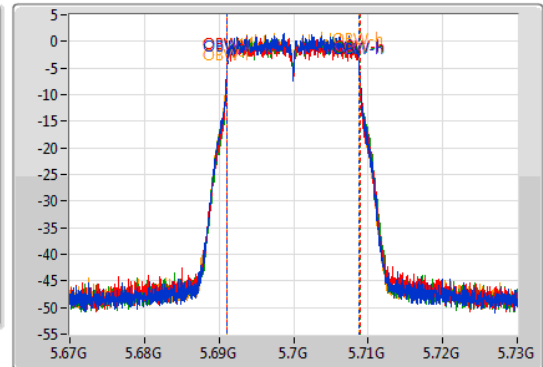
5700MHz

30/11/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.54M   | 5.68917G    | 5.71071G    | 17.781M | 5.691064G  | 5.708846G  | Inf       | 1    |
| 21.48M   | 5.68926G    | 5.71074G    | 17.781M | 5.691094G  | 5.708876G  | Inf       | 2    |
| 21.78M   | 5.68914G    | 5.71092G    | 17.811M | 5.691094G  | 5.708906G  | Inf       | 3    |
| 21.39M   | 5.6892G     | 5.71059G    | 17.751M | 5.691064G  | 5.708816G  | Inf       | 4    |

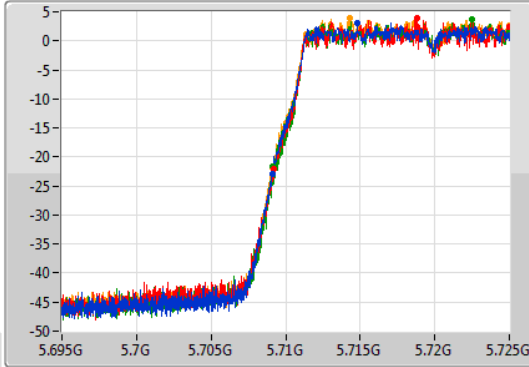
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

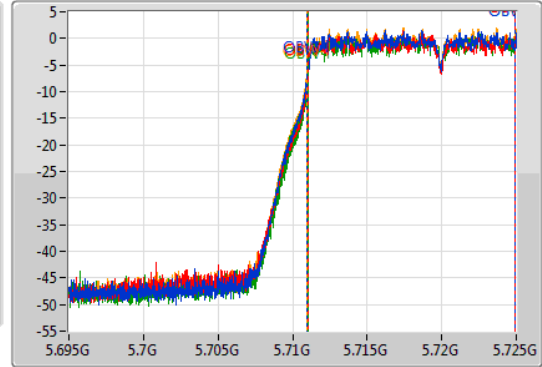
5720MHz Straddle 5.47-5.725GHz

30/11/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 15.9M    | 5.7091G     | 5.725G      | 13.958M | 5.71099G   | 5.724948G  | Inf       | 1    |
| 15.81M   | 5.70919G    | 5.725G      | 13.928M | 5.711019G  | 5.724948G  | Inf       | 2    |
| 15.84M   | 5.70916G    | 5.725G      | 13.928M | 5.711019G  | 5.724948G  | Inf       | 3    |
| 15.9M    | 5.7091G     | 5.725G      | 13.973M | 5.710975G  | 5.724948G  | Inf       | 4    |

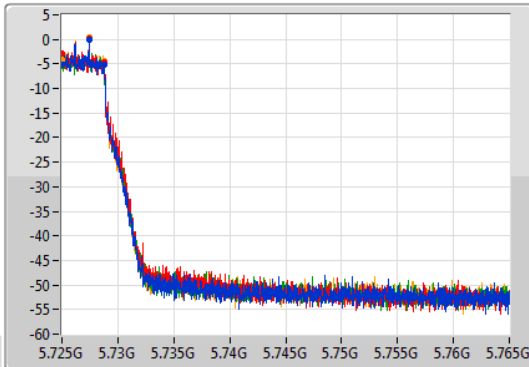
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

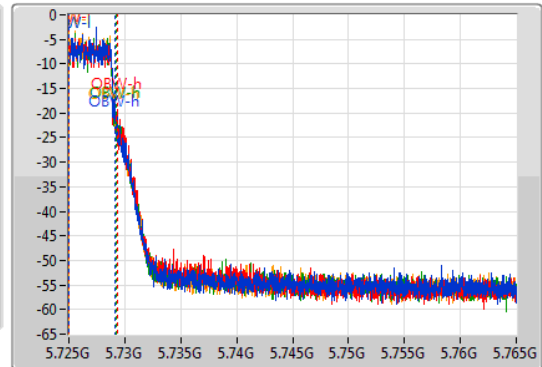
5720MHz Straddle 5.725-5.85GHz

30/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.74M   | 5.725G     | 5.72874G   | 4.158M  | 5.72501G   | 5.729168G  | 500k      | 1    |
| 3.74M   | 5.725G     | 5.72874G   | 4.318M  | 5.72501G   | 5.729328G  | 500k      | 2    |
| 3.74M   | 5.725G     | 5.72874G   | 4.278M  | 5.72501G   | 5.729288G  | 500k      | 3    |
| 3.74M   | 5.725G     | 5.72874G   | 4.138M  | 5.72501G   | 5.729148G  | 500k      | 4    |

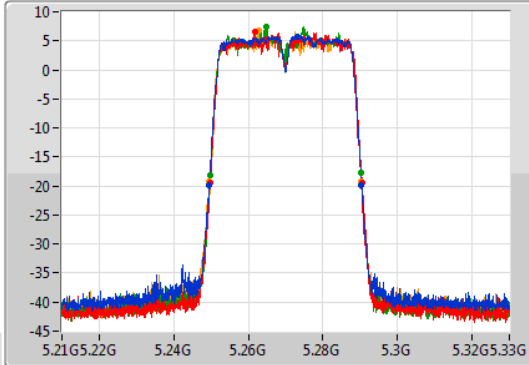
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

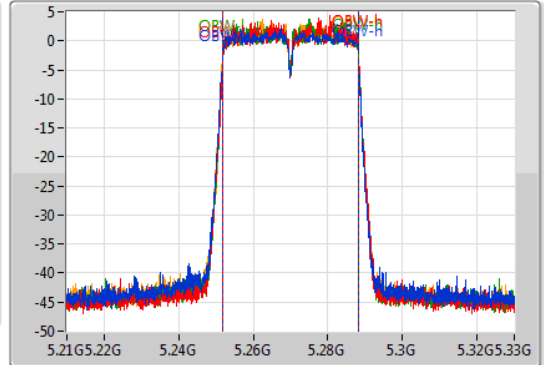
5270MHz

30/11/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.86M   | 5.24948G    | 5.29034G    | 36.402M | 5.251769G  | 5.288171G  | Inf       | 1    |
| 40.8M    | 5.24972G    | 5.29052G    | 36.342M | 5.251889G  | 5.288231G  | Inf       | 2    |
| 40.44M   | 5.24978G    | 5.29022G    | 36.342M | 5.251829G  | 5.288171G  | Inf       | 3    |
| 40.92M   | 5.24942G    | 5.29034G    | 36.402M | 5.251769G  | 5.288171G  | Inf       | 4    |

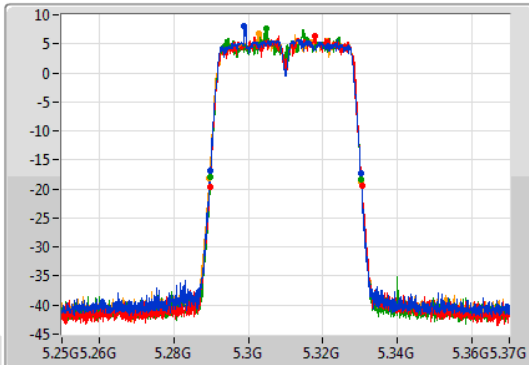
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

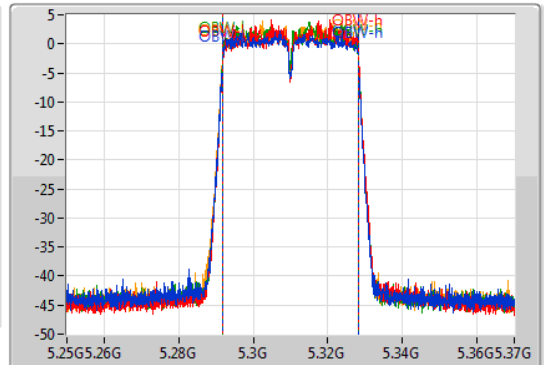
5310MHz

30/11/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.38M   | 5.28978G    | 5.33016G    | 36.402M | 5.291769G  | 5.328171G  | Inf       | 1    |
| 40.86M   | 5.28966G    | 5.33052G    | 36.342M | 5.291889G  | 5.328231G  | Inf       | 2    |
| 40.5M    | 5.28978G    | 5.33028G    | 36.342M | 5.291829G  | 5.328171G  | Inf       | 3    |
| 40.8M    | 5.28954G    | 5.33034G    | 36.402M | 5.291769G  | 5.328171G  | Inf       | 4    |

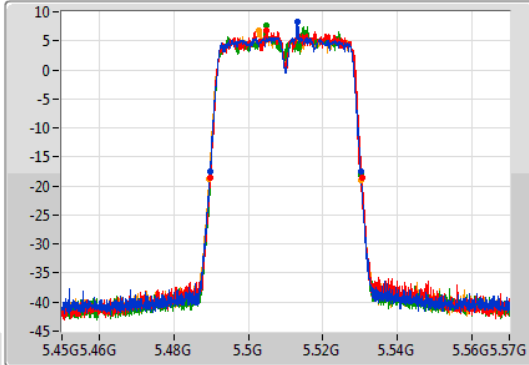
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

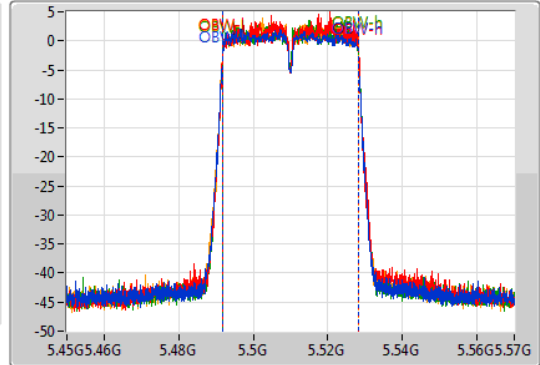
5510MHz

30/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.38M   | 5.48972G    | 5.5301G     | 36.402M | 5.491769G  | 5.528171G  | Inf       | 1    |
| 40.74M   | 5.48978G    | 5.53052G    | 36.342M | 5.491889G  | 5.528231G  | Inf       | 2    |
| 40.5M    | 5.48978G    | 5.53028G    | 36.342M | 5.491829G  | 5.528171G  | Inf       | 3    |
| 40.86M   | 5.48948G    | 5.53034G    | 36.402M | 5.491769G  | 5.528171G  | Inf       | 4    |

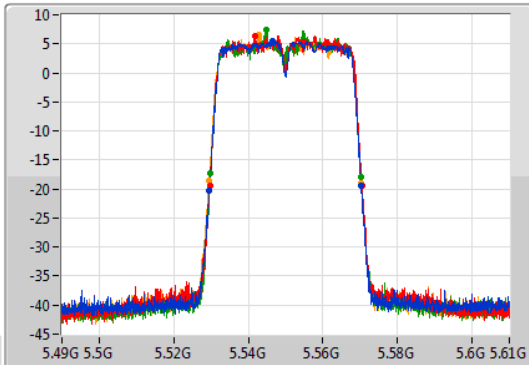
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

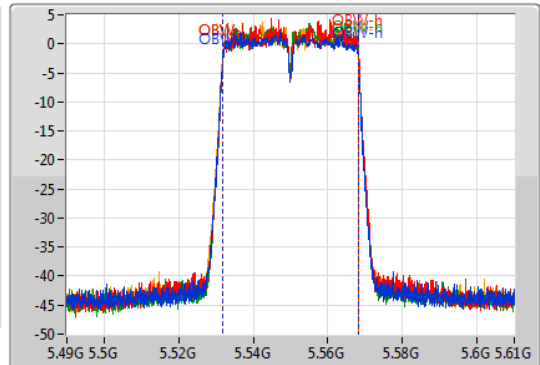
5550MHz

30/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.86M   | 5.52948G    | 5.57034G    | 36.402M | 5.531769G  | 5.568171G  | Inf       | 1    |
| 40.92M   | 5.52966G    | 5.57058G    | 36.342M | 5.531889G  | 5.568231G  | Inf       | 2    |
| 40.44M   | 5.52984G    | 5.57028G    | 36.342M | 5.531829G  | 5.568171G  | Inf       | 3    |
| 40.8M    | 5.52948G    | 5.57028G    | 36.402M | 5.531769G  | 5.568171G  | Inf       | 4    |



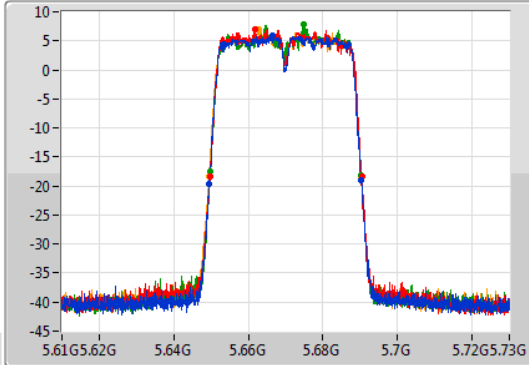
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

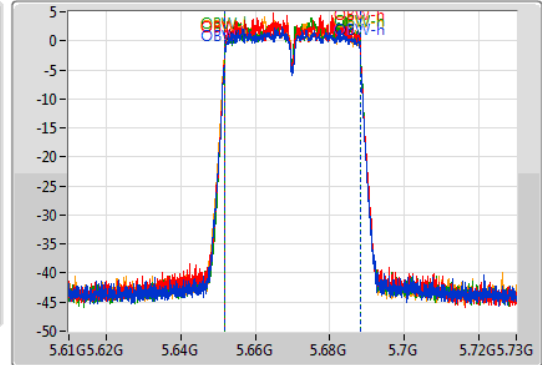
5670MHz

30/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.86M   | 5.64948G    | 5.69034G    | 36.402M | 5.651769G  | 5.688171G  | Inf       | 1    |
| 40.74M   | 5.64966G    | 5.6904G     | 36.342M | 5.651829G  | 5.688171G  | Inf       | 2    |
| 40.56M   | 5.64978G    | 5.69034G    | 36.282M | 5.651889G  | 5.688171G  | Inf       | 3    |
| 40.86M   | 5.64942G    | 5.69028G    | 36.462M | 5.651709G  | 5.688171G  | Inf       | 4    |

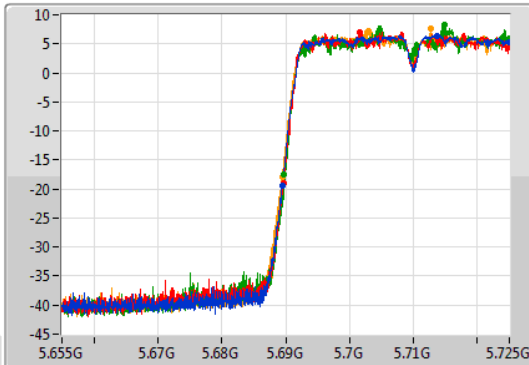
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

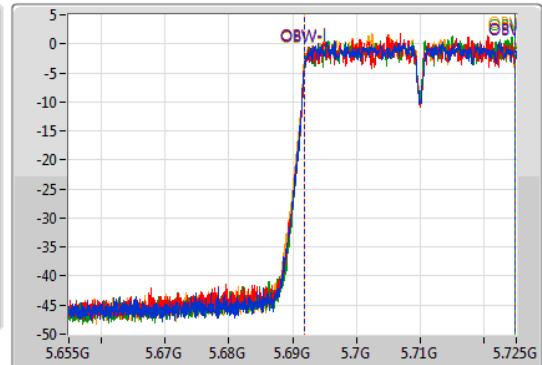
5710MHz Straddle 5.47-5.725GHz

30/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 35.525M  | 5.689475G   | 5.725G      | 32.954M | 5.691854G  | 5.724808G  | Inf       | 1    |
| 35.35M   | 5.68965G    | 5.725G      | 32.989M | 5.691854G  | 5.724843G  | Inf       | 2    |
| 35.245M  | 5.689755G   | 5.725G      | 32.954M | 5.691889G  | 5.724843G  | Inf       | 3    |
| 35.56M   | 5.68944G    | 5.725G      | 33.058M | 5.691784G  | 5.724843G  | Inf       | 4    |

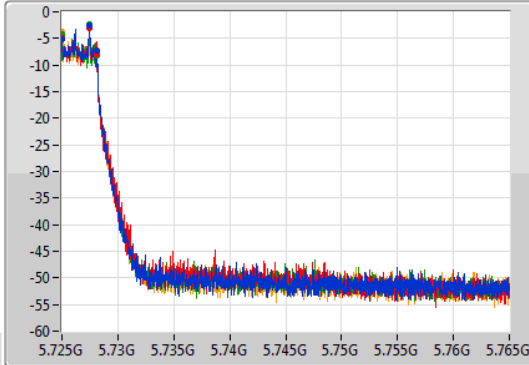
### 802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

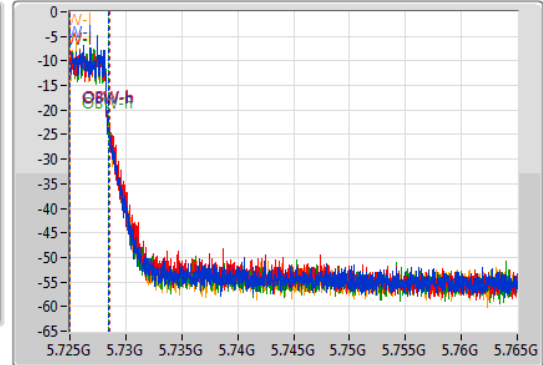
#### 5710MHz Straddle 5.725-5.85GHz

30/11/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.745GHz  
 Span: 40MHz  
 RBW: 50kHz  
 VBW: 200kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.1M    | 5.725G     | 5.7281G    | 3.438M  | 5.72501G   | 5.728448G  | 500k      | 1    |
| 3.14M   | 5.725G     | 5.72814G   | 3.578M  | 5.72501G   | 5.728588G  | 500k      | 2    |
| 3.12M   | 5.725G     | 5.72812G   | 3.498M  | 5.72501G   | 5.728508G  | 500k      | 3    |
| 3.12M   | 5.725G     | 5.72812G   | 3.498M  | 5.72501G   | 5.728508G  | 500k      | 4    |

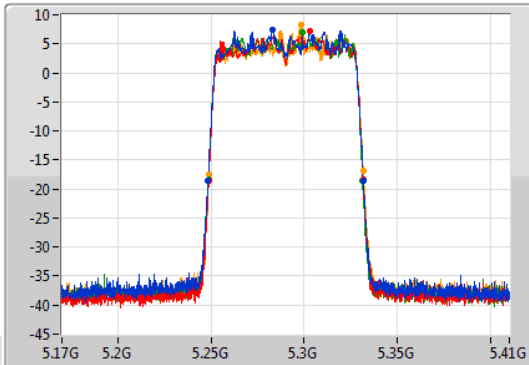
### 802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

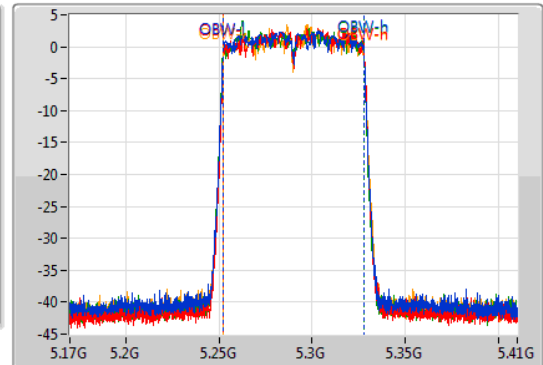
#### 5290MHz

02/12/2019

CF: 5.29GHz  
 Span: 240MHz  
 RBW: 2MHz  
 VBW: 10MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.29GHz  
 Span: 240MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.04M   | 5.24848G    | 5.33152G    | 75.682M | 5.252099G  | 5.327781G  | Inf       | 1    |
| 82.8M    | 5.24884G    | 5.33164G    | 75.802M | 5.252219G  | 5.328021G  | Inf       | 2    |
| 82.68M   | 5.2486G     | 5.33128G    | 75.682M | 5.252099G  | 5.327781G  | Inf       | 3    |
| 82.8M    | 5.24884G    | 5.33164G    | 75.922M | 5.252099G  | 5.328021G  | Inf       | 4    |



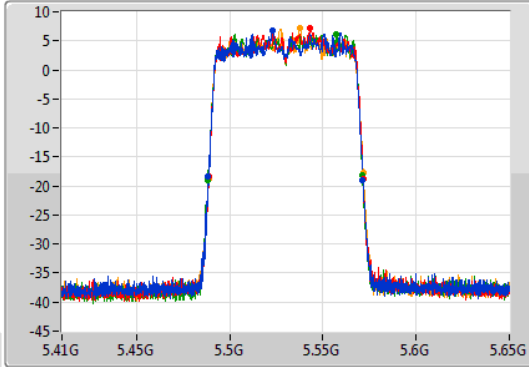
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

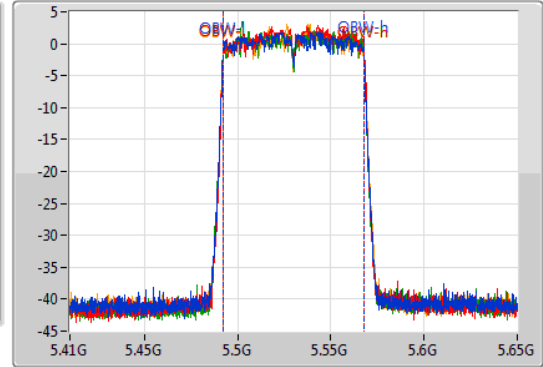
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.92M   | 5.48848G    | 5.5714G     | 75.682M | 5.492099G  | 5.567781G  | Inf       | 1    |
| 82.68M   | 5.48884G    | 5.57152G    | 75.802M | 5.492219G  | 5.568021G  | Inf       | 2    |
| 82.92M   | 5.48836G    | 5.57128G    | 75.802M | 5.492099G  | 5.567901G  | Inf       | 3    |
| 83.04M   | 5.4886G     | 5.57164G    | 75.802M | 5.492099G  | 5.567901G  | Inf       | 4    |

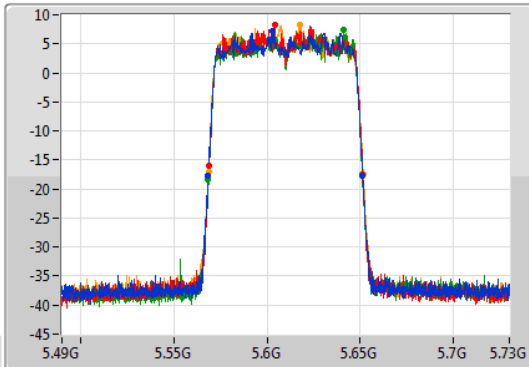
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

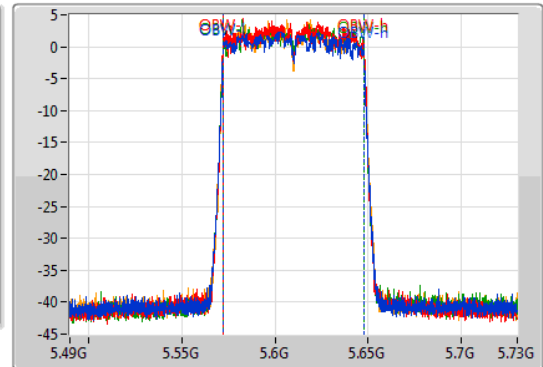
5610MHz

02/12/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.92M   | 5.56848G    | 5.6514G     | 75.682M | 5.572099G  | 5.647781G  | Inf       | 1    |
| 82.56M   | 5.56884G    | 5.6514G     | 75.682M | 5.572099G  | 5.647781G  | Inf       | 2    |
| 82.92M   | 5.56836G    | 5.65128G    | 75.802M | 5.572099G  | 5.647901G  | Inf       | 3    |
| 83.04M   | 5.5686G     | 5.65164G    | 75.802M | 5.571979G  | 5.647781G  | Inf       | 4    |

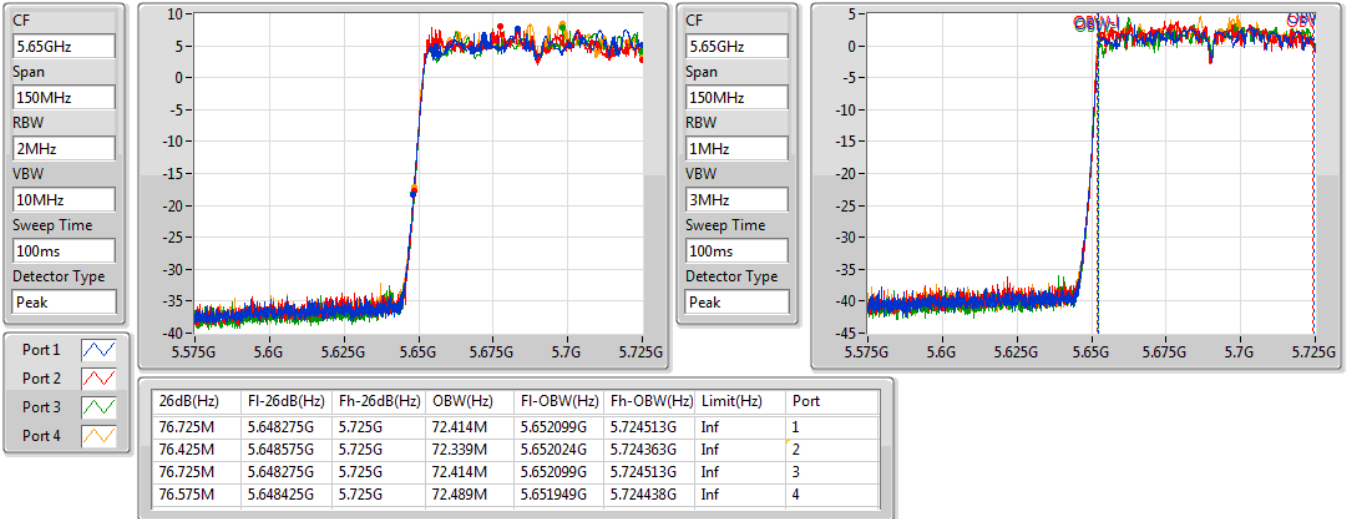


802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/12/2019

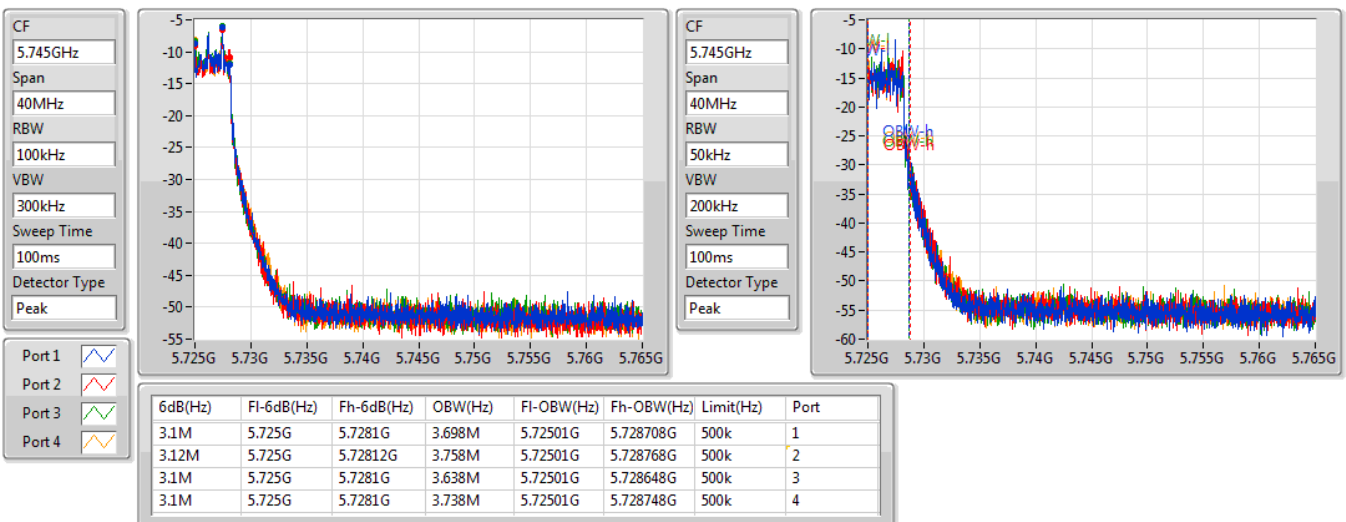


802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/12/2019

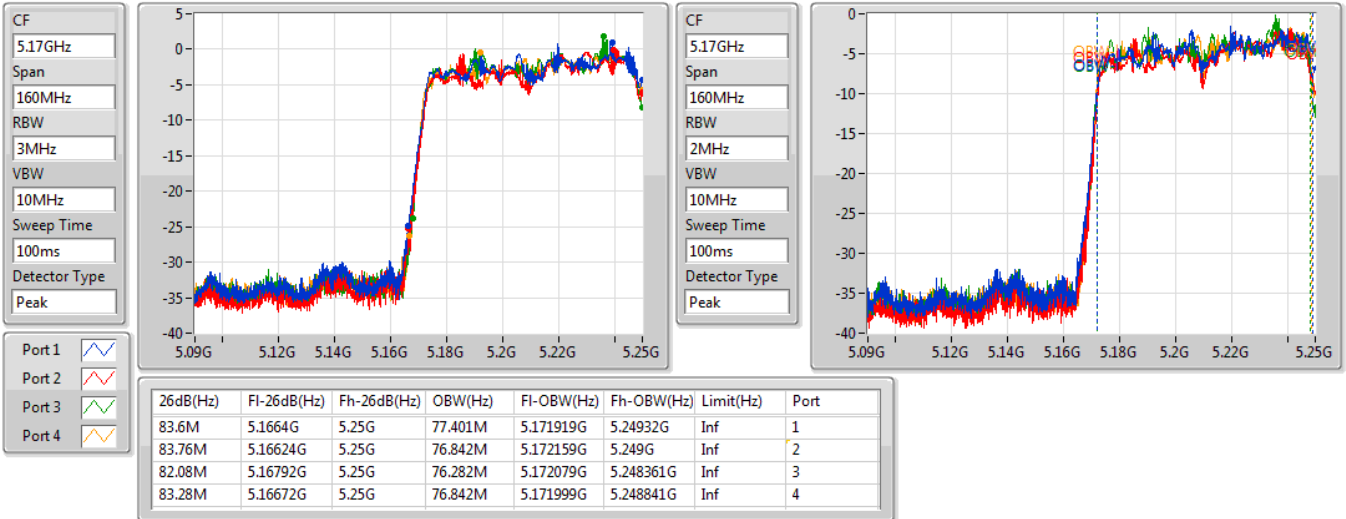


802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

02/12/2019

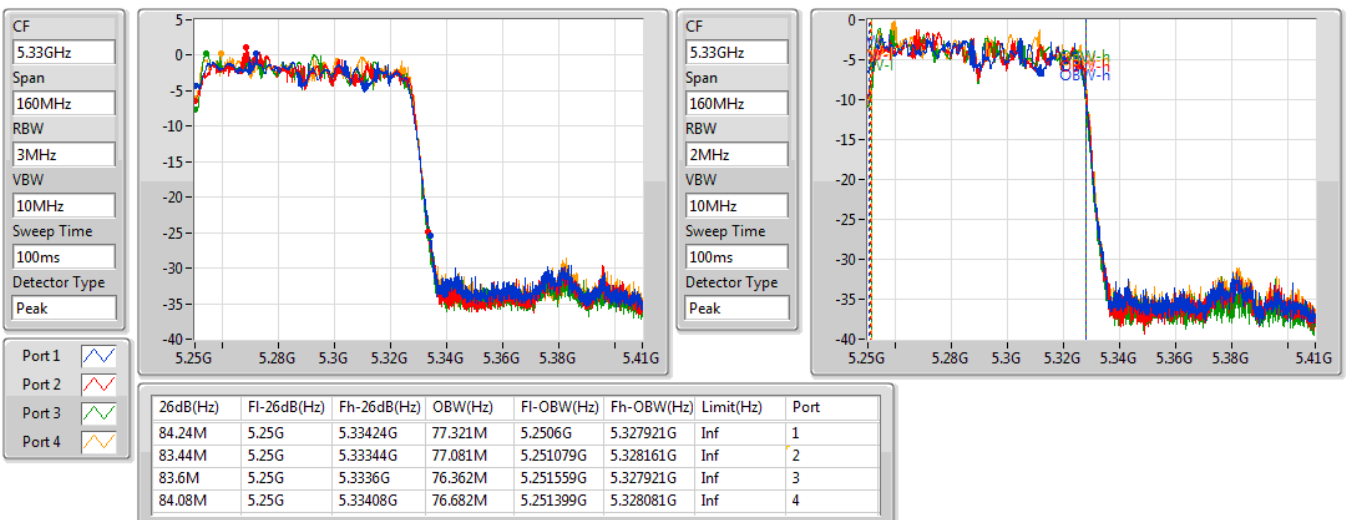


802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019



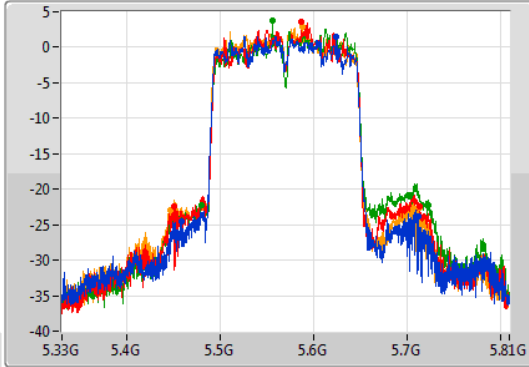
802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

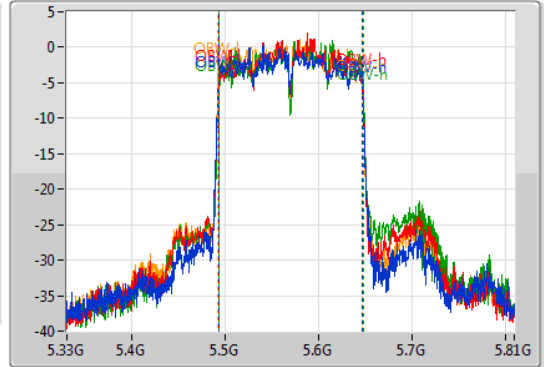
5570MHz

02/12/2019

CF  
5.57GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz)  | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|----------|------------|------------|-----------|------|
| 253.2M   | 5.45864G    | 5.71184G    | 154.723M | 5.492519G  | 5.647241G  | Inf       | 1    |
| 263.04M  | 5.45048G    | 5.71352G    | 154.963M | 5.492519G  | 5.647481G  | Inf       | 2    |
| 244.32M  | 5.47928G    | 5.7236G     | 155.442M | 5.492999G  | 5.648441G  | Inf       | 3    |
| 267.12M  | 5.4464G     | 5.71352G    | 154.963M | 5.492279G  | 5.647241G  | Inf       | 4    |

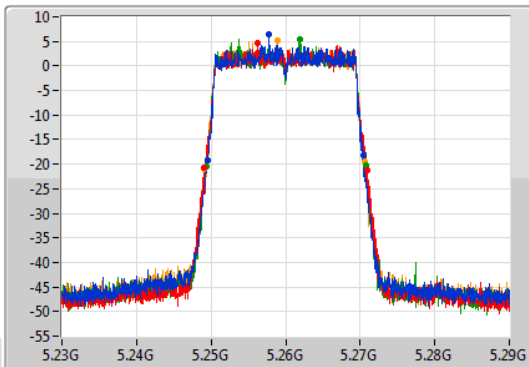
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

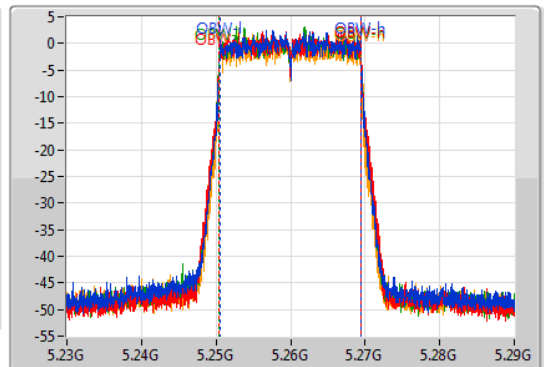
5260MHz

30/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.91M   | 5.2495G     | 5.27041G    | 18.951M | 5.250495G  | 5.269445G  | Inf       | 1    |
| 21.87M   | 5.24908G    | 5.27095G    | 19.01M  | 5.250465G  | 5.269475G  | Inf       | 2    |
| 21.33M   | 5.24938G    | 5.27071G    | 19.04M  | 5.250435G  | 5.269475G  | Inf       | 3    |
| 21.57M   | 5.24911G    | 5.27068G    | 18.981M | 5.250465G  | 5.269445G  | Inf       | 4    |

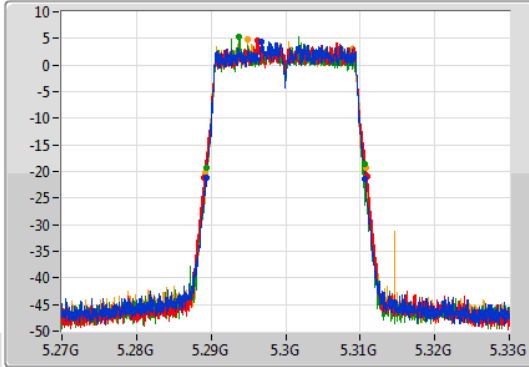
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

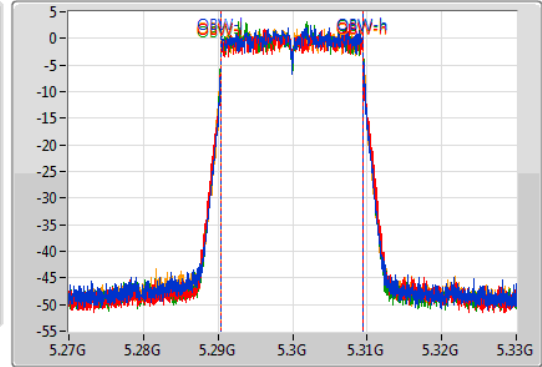
5300MHz

30/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.33M   | 5.28932G    | 5.31065G    | 18.981M | 5.290465G  | 5.309445G  | Inf       | 1    |
| 21.9M    | 5.28905G    | 5.31095G    | 19.01M  | 5.290465G  | 5.309475G  | Inf       | 2    |
| 21.24M   | 5.28935G    | 5.31059G    | 19.04M  | 5.290435G  | 5.309475G  | Inf       | 3    |
| 21.54M   | 5.28917G    | 5.31071G    | 19.04M  | 5.290435G  | 5.309475G  | Inf       | 4    |

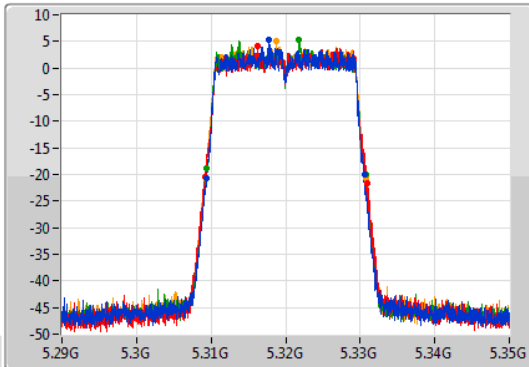
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

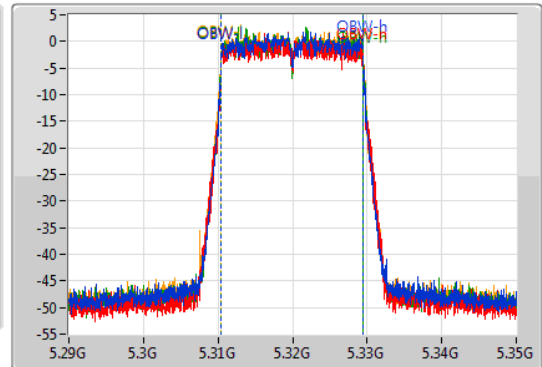
5320MHz

30/11/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.18M   | 5.30938G    | 5.33056G    | 18.981M | 5.310465G  | 5.329445G  | Inf       | 1    |
| 21.84M   | 5.30914G    | 5.33098G    | 19.01M  | 5.310465G  | 5.329475G  | Inf       | 2    |
| 21.33M   | 5.30938G    | 5.33071G    | 19.07M  | 5.310435G  | 5.329505G  | Inf       | 3    |
| 21.63M   | 5.30917G    | 5.3308G     | 19.07M  | 5.310435G  | 5.329505G  | Inf       | 4    |



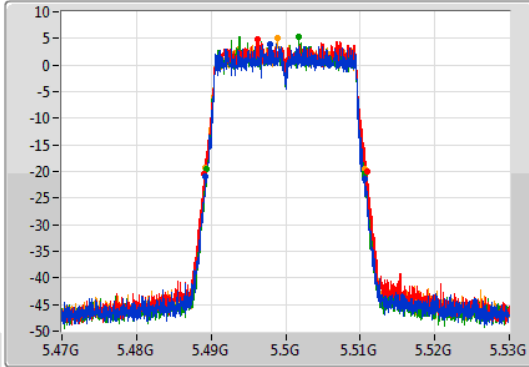
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

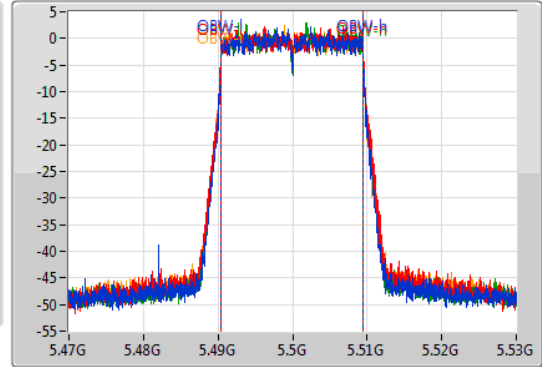
5500MHz

30/11/2019

CF: 5.5GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.5GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1  
 Port 2  
 Port 3  
 Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.33M   | 5.48926G    | 5.51059G    | 18.981M | 5.490465G  | 5.509445G  | Inf       | 1    |
| 21.81M   | 5.48908G    | 5.51089G    | 19.04M  | 5.490435G  | 5.509475G  | Inf       | 2    |
| 21.36M   | 5.48935G    | 5.51071G    | 19.04M  | 5.490435G  | 5.509475G  | Inf       | 3    |
| 21.42M   | 5.48923G    | 5.51065G    | 19.07M  | 5.490405G  | 5.509475G  | Inf       | 4    |

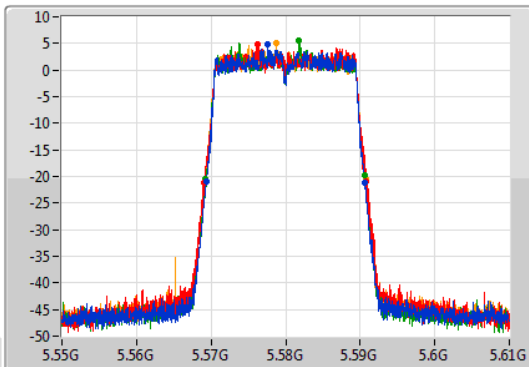
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

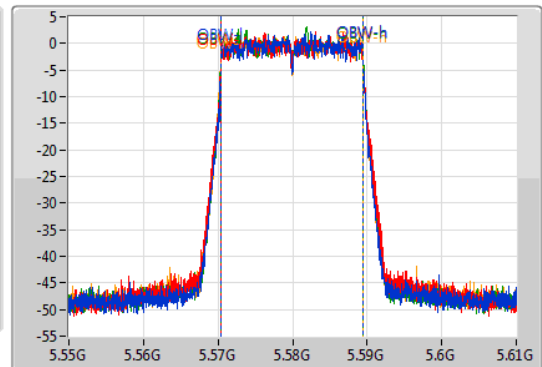
5580MHz

30/11/2019

CF: 5.58GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.58GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1  
 Port 2  
 Port 3  
 Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.3M    | 5.56935G    | 5.59065G    | 19.01M  | 5.570435G  | 5.589445G  | Inf       | 1    |
| 21.84M   | 5.56902G    | 5.59086G    | 19.04M  | 5.570435G  | 5.589475G  | Inf       | 2    |
| 21.39M   | 5.56929G    | 5.59068G    | 19.04M  | 5.570435G  | 5.589475G  | Inf       | 3    |
| 21.6M    | 5.56914G    | 5.59074G    | 19.07M  | 5.570405G  | 5.589475G  | Inf       | 4    |



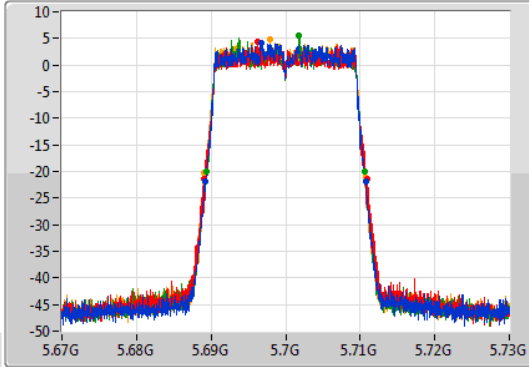
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

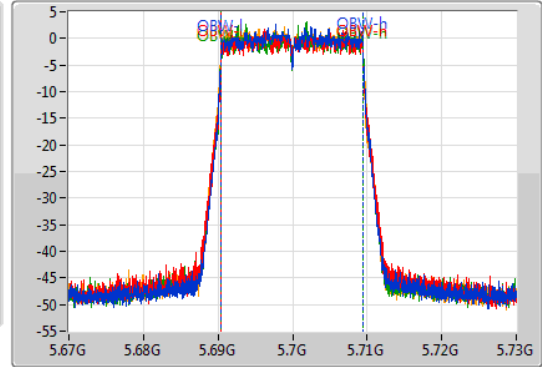
5700MHz

30/11/2019

CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.7GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.45M   | 5.68926G    | 5.71071G    | 18.981M | 5.690465G  | 5.709445G  | Inf       | 1    |
| 21.9M    | 5.68902G    | 5.71092G    | 19.04M  | 5.690435G  | 5.709475G  | Inf       | 2    |
| 21.36M   | 5.68932G    | 5.71068G    | 19.07M  | 5.690435G  | 5.709505G  | Inf       | 3    |
| 21.72M   | 5.68911G    | 5.71083G    | 19.07M  | 5.690405G  | 5.709475G  | Inf       | 4    |

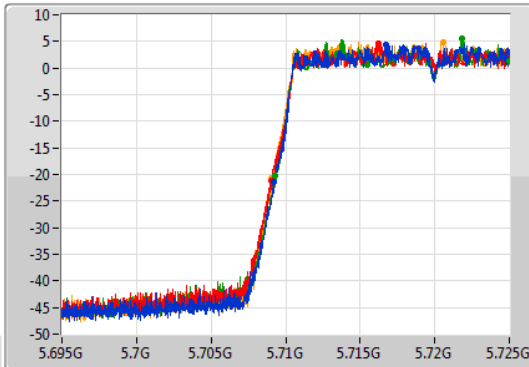
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

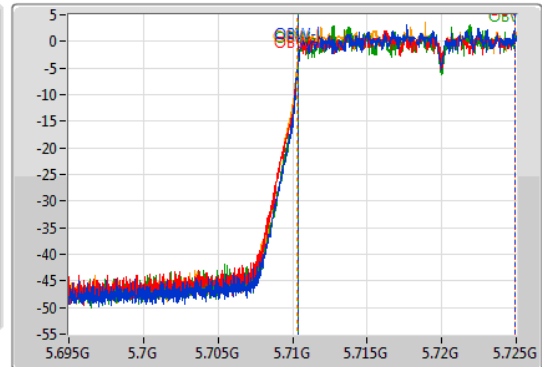
5720MHz Straddle 5.47-5.725GHz

30/11/2019

CF: 5.71GHz  
 Span: 30MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 15.795M  | 5.709205G   | 5.725G      | 14.528M | 5.710405G  | 5.724933G  | Inf       | 1    |
| 15.975M  | 5.709025G   | 5.725G      | 14.573M | 5.710375G  | 5.724948G  | Inf       | 2    |
| 15.705M  | 5.709295G   | 5.725G      | 14.558M | 5.710375G  | 5.724933G  | Inf       | 3    |
| 15.93M   | 5.70907G    | 5.725G      | 14.618M | 5.71033G   | 5.724948G  | Inf       | 4    |

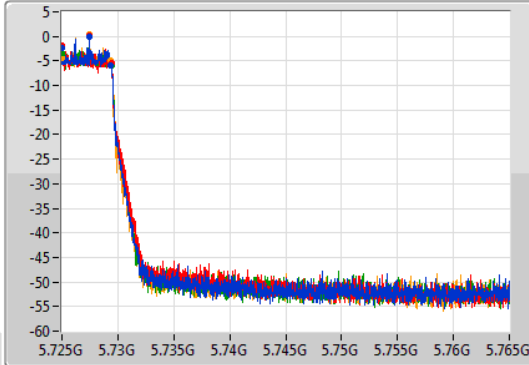
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

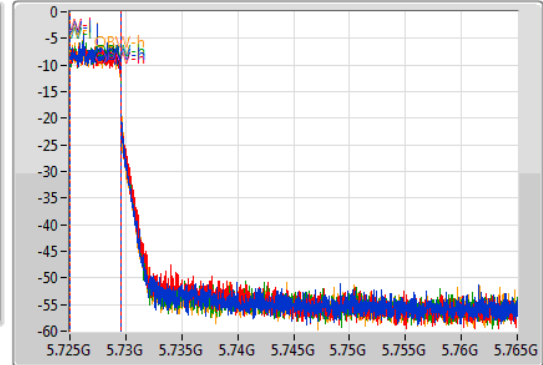
5720MHz Straddle 5.725-5.85GHz

30/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 4.34M   | 5.725G     | 5.72934G   | 4.518M  | 5.72503G   | 5.729548G  | 500k      | 1    |
| 4.44M   | 5.725G     | 5.72944G   | 4.538M  | 5.72501G   | 5.729548G  | 500k      | 2    |
| 4.44M   | 5.725G     | 5.72944G   | 4.518M  | 5.72503G   | 5.729548G  | 500k      | 3    |
| 4.38M   | 5.725G     | 5.72938G   | 4.518M  | 5.72503G   | 5.729548G  | 500k      | 4    |

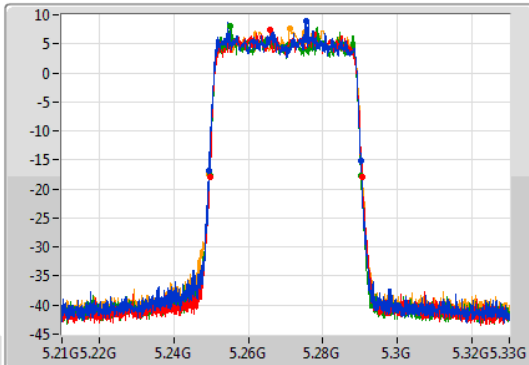
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

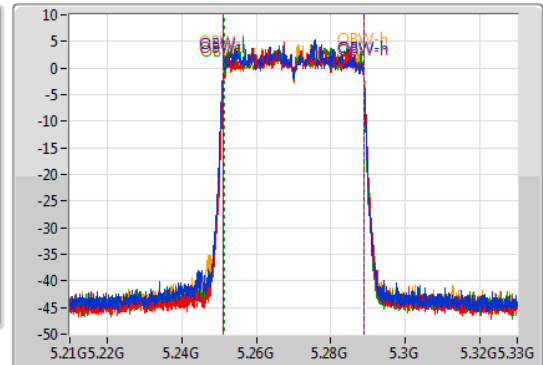
5270MHz

30/11/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.8M    | 5.24936G    | 5.29016G    | 37.661M | 5.251109G  | 5.288771G  | Inf       | 1    |
| 40.92M   | 5.24966G    | 5.29058G    | 37.661M | 5.251169G  | 5.288831G  | Inf       | 2    |
| 40.56M   | 5.24966G    | 5.29022G    | 37.481M | 5.251289G  | 5.288771G  | Inf       | 3    |
| 41.1M    | 5.24954G    | 5.29064G    | 37.661M | 5.251169G  | 5.288831G  | Inf       | 4    |

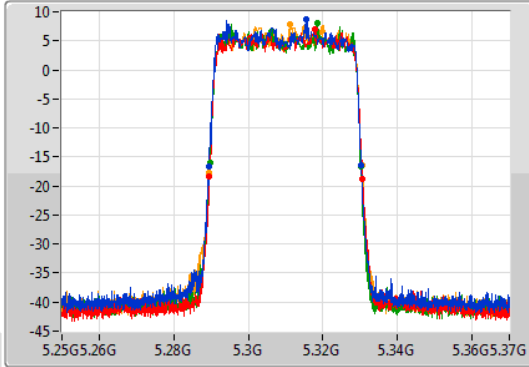
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

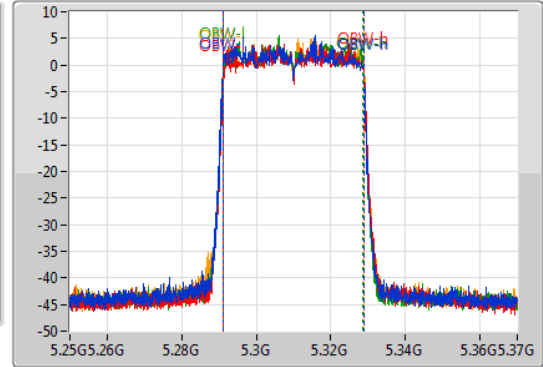
5310MHz

30/11/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.86M   | 5.28942G    | 5.33028G    | 37.661M | 5.291109G  | 5.328771G  | Inf       | 1    |
| 41.04M   | 5.2896G     | 5.33064G    | 37.601M | 5.291229G  | 5.328831G  | Inf       | 2    |
| 40.44M   | 5.28972G    | 5.33016G    | 37.481M | 5.291229G  | 5.328711G  | Inf       | 3    |
| 40.92M   | 5.28954G    | 5.33046G    | 37.661M | 5.291169G  | 5.328831G  | Inf       | 4    |

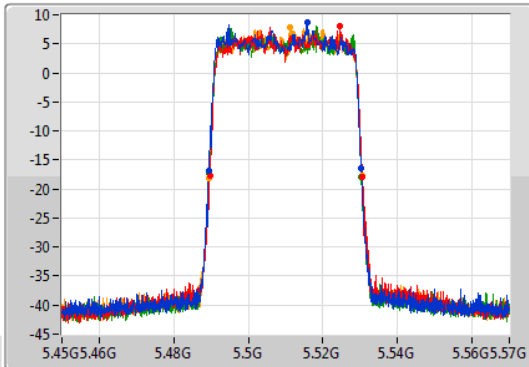
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

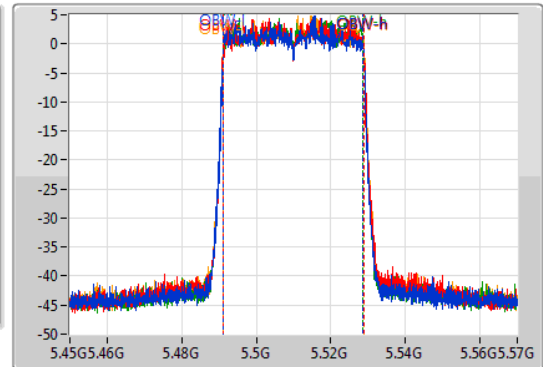
5510MHz

30/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.92M   | 5.48936G    | 5.53028G    | 37.601M | 5.491109G  | 5.528711G  | Inf       | 1    |
| 40.92M   | 5.48966G    | 5.53058G    | 37.601M | 5.491229G  | 5.528831G  | Inf       | 2    |
| 40.62M   | 5.4896G     | 5.53022G    | 37.481M | 5.491229G  | 5.528711G  | Inf       | 3    |
| 41.16M   | 5.48948G    | 5.53064G    | 37.661M | 5.491169G  | 5.528831G  | Inf       | 4    |



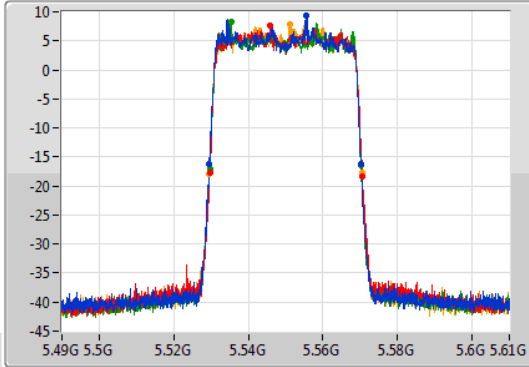
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

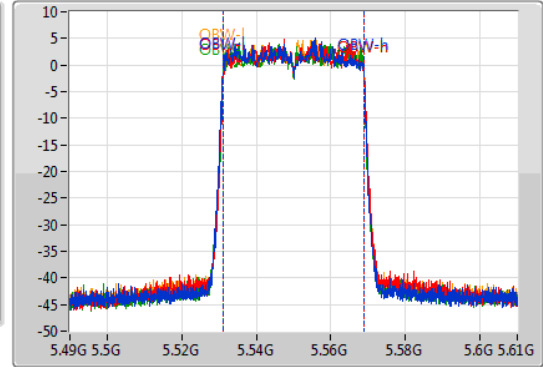
5550MHz

30/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.86M   | 5.52942G    | 5.57028G    | 37.661M | 5.531109G  | 5.568771G  | Inf       | 1    |
| 40.92M   | 5.52966G    | 5.57058G    | 37.661M | 5.531169G  | 5.568831G  | Inf       | 2    |
| 40.5M    | 5.52966G    | 5.57016G    | 37.541M | 5.531229G  | 5.568771G  | Inf       | 3    |
| 41.04M   | 5.52948G    | 5.57052G    | 37.661M | 5.531169G  | 5.568831G  | Inf       | 4    |

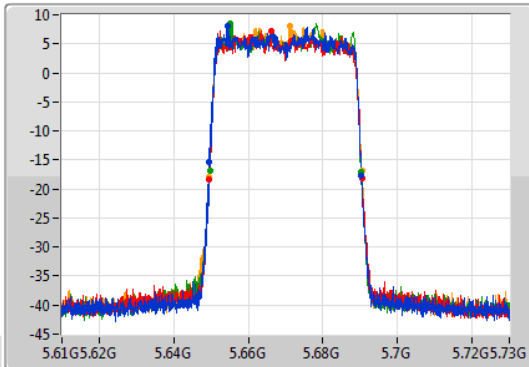
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

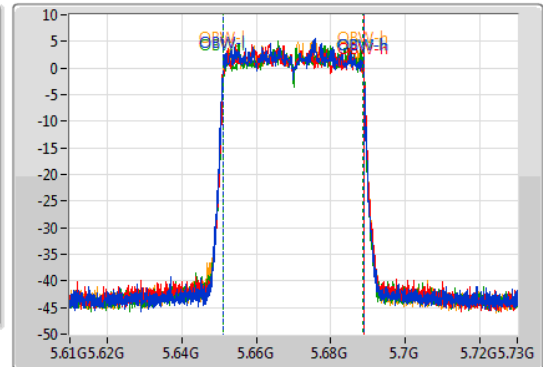
5670MHz

30/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.92M   | 5.64942G    | 5.69034G    | 37.661M | 5.651109G  | 5.688771G  | Inf       | 1    |
| 40.92M   | 5.6496G     | 5.69052G    | 37.661M | 5.651109G  | 5.688771G  | Inf       | 2    |
| 40.56M   | 5.64966G    | 5.69022G    | 37.481M | 5.651229G  | 5.688711G  | Inf       | 3    |
| 40.98M   | 5.64948G    | 5.69046G    | 37.721M | 5.651109G  | 5.688831G  | Inf       | 4    |

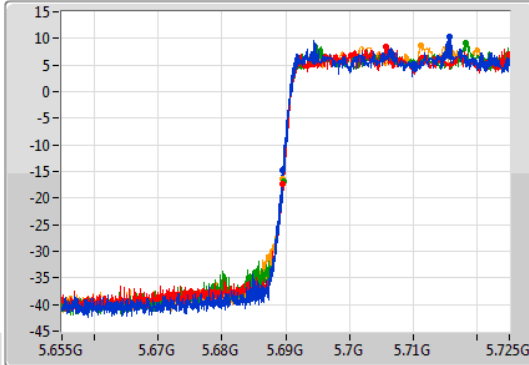
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

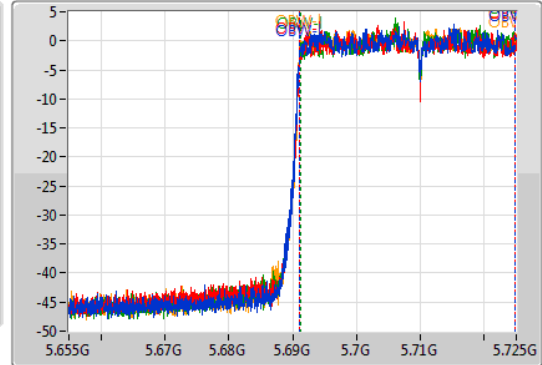
5710MHz Straddle 5.47-5.725GHz

30/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 35.525M  | 5.689475G   | 5.725G      | 33.758M | 5.691084G  | 5.724843G  | Inf       | 1    |
| 35.42M   | 5.68958G    | 5.725G      | 33.723M | 5.691119G  | 5.724843G  | Inf       | 2    |
| 35.385M  | 5.689615G   | 5.725G      | 33.653M | 5.691189G  | 5.724843G  | Inf       | 3    |
| 35.49M   | 5.68951G    | 5.725G      | 33.688M | 5.691119G  | 5.724808G  | Inf       | 4    |

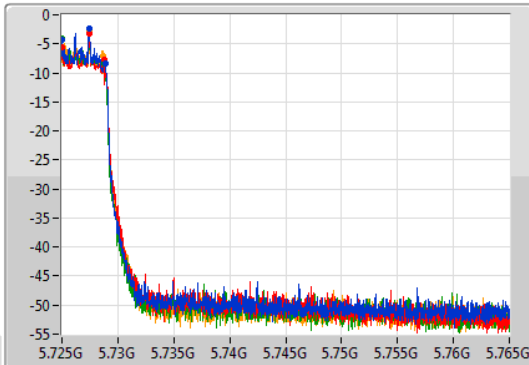
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

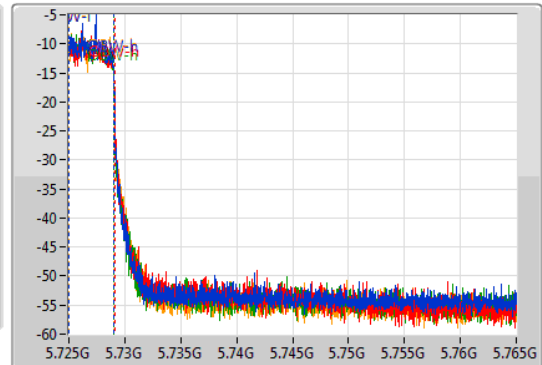
5710MHz Straddle 5.725-5.85GHz

30/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.92M   | 5.725G     | 5.72892G   | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 1    |
| 3.74M   | 5.725G     | 5.72874G   | 4.058M  | 5.72501G   | 5.729068G  | 500k      | 2    |
| 3.84M   | 5.725G     | 5.72884G   | 4.018M  | 5.72501G   | 5.729028G  | 500k      | 3    |
| 3.7M    | 5.725G     | 5.7287G    | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 4    |



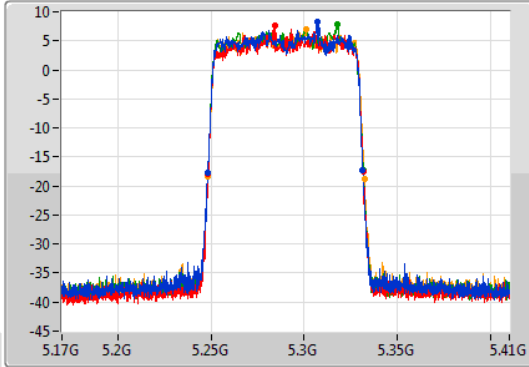
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

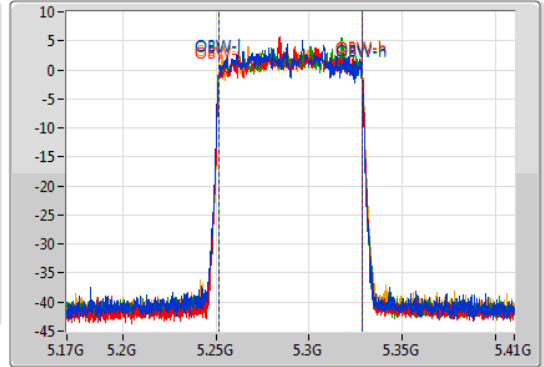
5290MHz

02/12/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.16M   | 5.24824G    | 5.3314G     | 76.882M | 5.251379G  | 5.328261G  | Inf       | 1    |
| 83.16M   | 5.24848G    | 5.33164G    | 77.121M | 5.251499G  | 5.328621G  | Inf       | 2    |
| 83.28M   | 5.24848G    | 5.33176G    | 77.121M | 5.251259G  | 5.328381G  | Inf       | 3    |
| 83.76M   | 5.24848G    | 5.33224G    | 77.001M | 5.251619G  | 5.328621G  | Inf       | 4    |

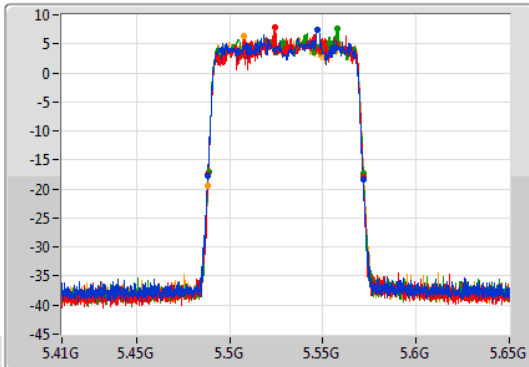
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

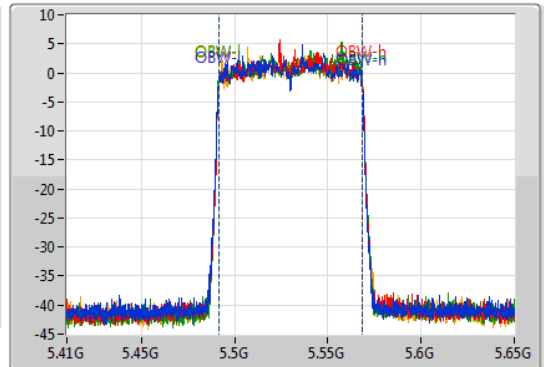
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.28M   | 5.48824G    | 5.57152G    | 77.001M | 5.491379G  | 5.568381G  | Inf       | 1    |
| 83.16M   | 5.48848G    | 5.57164G    | 77.001M | 5.491499G  | 5.568501G  | Inf       | 2    |
| 83.16M   | 5.4886G     | 5.57176G    | 77.121M | 5.491379G  | 5.568501G  | Inf       | 3    |
| 83.64M   | 5.48836G    | 5.572G      | 77.001M | 5.491619G  | 5.568621G  | Inf       | 4    |

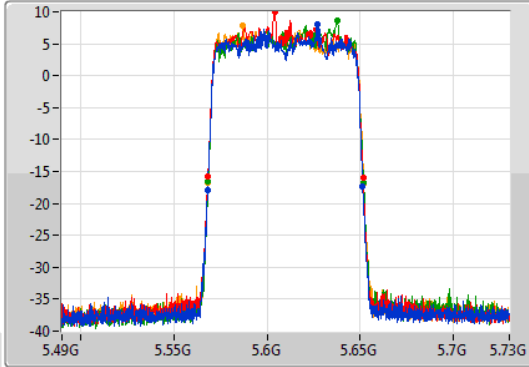
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

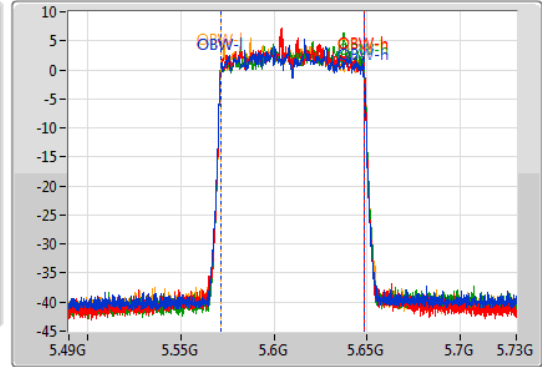
5610MHz

02/12/2019

CF: 5.61GHz  
 Span: 240MHz  
 RBW: 2MHz  
 VBW: 10MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.61GHz  
 Span: 240MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1  
 Port 2  
 Port 3  
 Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.4M    | 5.568G      | 5.6514G     | 77.001M | 5.571379G  | 5.648381G  | Inf       | 1    |
| 83.16M   | 5.56836G    | 5.65152G    | 77.001M | 5.571499G  | 5.648501G  | Inf       | 2    |
| 83.28M   | 5.56848G    | 5.65176G    | 77.121M | 5.571379G  | 5.648501G  | Inf       | 3    |
| 83.4M    | 5.56848G    | 5.65188G    | 77.001M | 5.571499G  | 5.648501G  | Inf       | 4    |

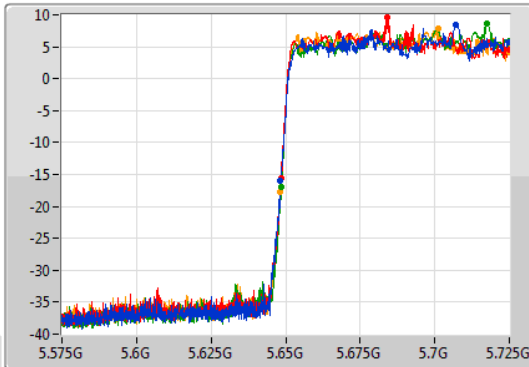
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

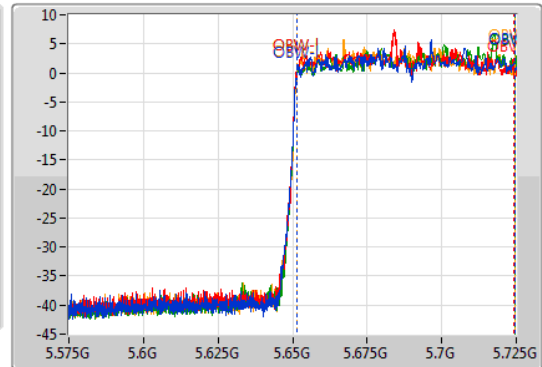
5690MHz Straddle 5.47-5.725GHz

02/12/2019

CF: 5.65GHz  
 Span: 150MHz  
 RBW: 2MHz  
 VBW: 10MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.65GHz  
 Span: 150MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1  
 Port 2  
 Port 3  
 Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 76.8M    | 5.6482G     | 5.725G      | 73.238M | 5.651349G  | 5.724588G  | Inf       | 1    |
| 76.65M   | 5.64835G    | 5.725G      | 73.013M | 5.651349G  | 5.724363G  | Inf       | 2    |
| 76.5M    | 5.6485G     | 5.725G      | 73.313M | 5.651349G  | 5.724663G  | Inf       | 3    |
| 76.725M  | 5.648275G   | 5.725G      | 73.088M | 5.651499G  | 5.724588G  | Inf       | 4    |



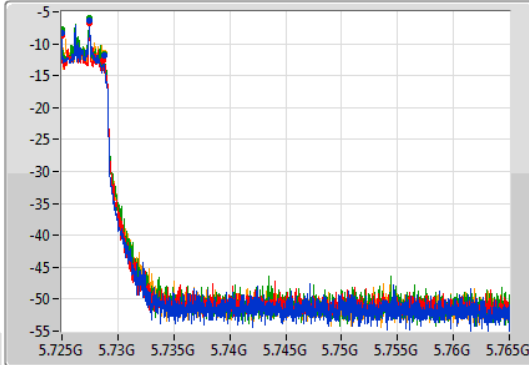
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

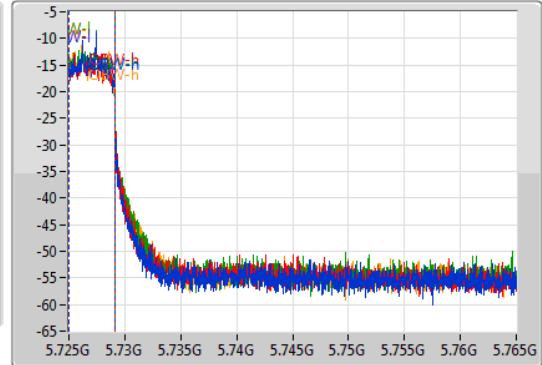
5690MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.78M   | 5.725G     | 5.72878G   | 4.078M  | 5.72501G   | 5.729088G  | 500k      | 1    |
| 3.68M   | 5.725G     | 5.72868G   | 4.078M  | 5.72501G   | 5.729088G  | 500k      | 2    |
| 3.8M    | 5.725G     | 5.7288G    | 4.078M  | 5.72501G   | 5.729088G  | 500k      | 3    |
| 3.8M    | 5.725G     | 5.7288G    | 4.078M  | 5.72501G   | 5.729088G  | 500k      | 4    |

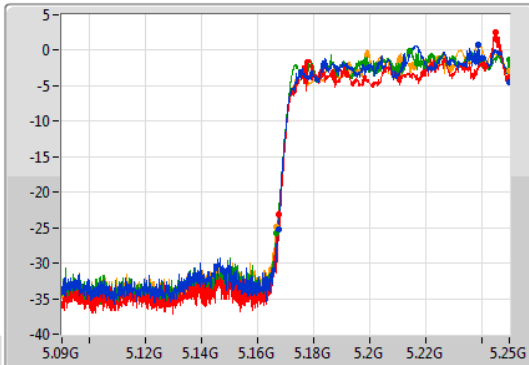
802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

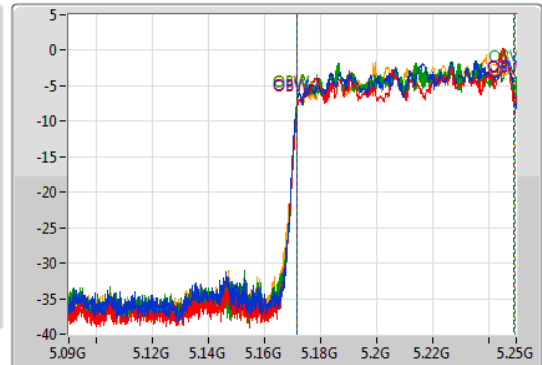
5250MHz Straddle 5.15-5.25GHz

02/12/2019

CF  
5.17GHz  
Span  
160MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.17GHz  
Span  
160MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.64M   | 5.16736G    | 5.25G       | 77.801M | 5.171359G  | 5.24916G   | Inf       | 1    |
| 82.4M    | 5.1676G     | 5.25G       | 77.801M | 5.171519G  | 5.24932G   | Inf       | 2    |
| 83.28M   | 5.16672G    | 5.25G       | 78.201M | 5.171359G  | 5.24956G   | Inf       | 3    |
| 83.12M   | 5.16688G    | 5.25G       | 78.041M | 5.171359G  | 5.2494G    | Inf       | 4    |

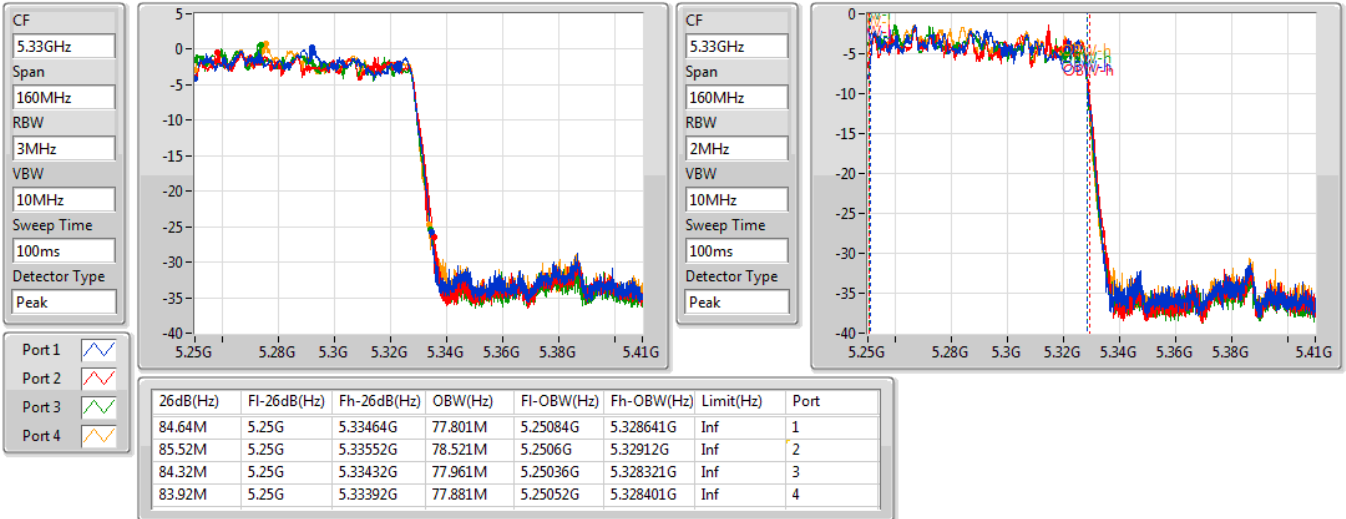


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019

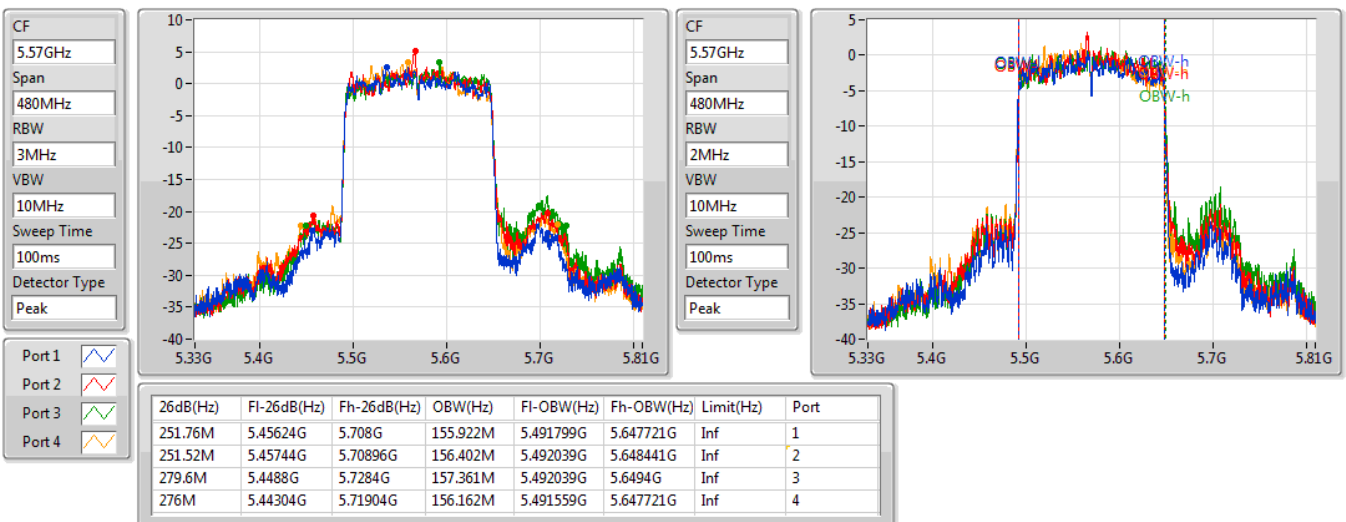


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

5570MHz

02/12/2019





Summary

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.25-5.35GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 27.24M           | 16.702M         | 16M7D1D  | 21.57M           | 16.642M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 28.05M           | 17.871M         | 17M9D1D  | 21.84M           | 17.811M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 62.88M           | 36.282M         | 36M3D1D  | 40.14M           | 36.222M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 82.2M            | 75.682M         | 75M7D1D  | 82.2M            | 75.682M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 29.61M           | 19.04M          | 19M0D1D  | 21.63M           | 18.981M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 42.06M           | 37.601M         | 37M6D1D  | 40.38M           | 37.541M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 82.08M           | 77.001M         | 77M0D1D  | 82.08M           | 77.001M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 21.9M            | 16.702M         | 16M7D1D  | 16.71M           | 13.403M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.29M           | 17.841M         | 17M8D1D  | 18.48M           | 14.003M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 46.8M            | 36.342M         | 36M3D1D  | 40.14M           | 33.128M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 82.2M            | 75.922M         | 75M9D1D  | 76.875M          | 72.489M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 25.56M           | 19.04M          | 19M0D1D  | 17.895M          | 14.573M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 43.8M            | 37.661M         | 37M7D1D  | 35.35M           | 33.723M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 82.32M           | 77.121M         | 77M1D1D  | 75.825M          | 73.238M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 3.12M            | 4.438M          | 4M44D1D  | 3.12M            | 4.438M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 3.76M            | 4.818M          | 4M82D1D  | 3.76M            | 4.818M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.14M            | 6.797M          | 6M80D1D  | 3.14M            | 6.797M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 3.12M            | 14.493M         | 14M5D1D  | 3.12M            | 14.493M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 4.44M            | 5.857M          | 5M86D1D  | 4.44M            | 5.857M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 3.74M            | 4.758M          | 4M76D1D  | 3.74M            | 4.758M          |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 3.74M            | 11.114M         | 11M1D1D  | 3.74M            | 11.114M         |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;



Result

| Mode                                    | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) |
|---|--------|------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_1TX                | -      | -          | -                | -               |
| 5260MHz_TnomVnom                        | Pass   | Inf        | 27.24M           | 16.702M         |
| 5300MHz_TnomVnom                        | Pass   | Inf        | 26.7M            | 16.672M         |
| 5320MHz_TnomVnom                        | Pass   | Inf        | 21.57M           | 16.642M         |
| 5500MHz_TnomVnom                        | Pass   | Inf        | 21.57M           | 16.672M         |
| 5580MHz_TnomVnom                        | Pass   | Inf        | 21.9M            | 16.702M         |
| 5700MHz_TnomVnom                        | Pass   | Inf        | 21.54M           | 16.672M         |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 16.71M           | 13.403M         |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.12M            | 4.438M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5260MHz_TnomVnom                        | Pass   | Inf        | 28.05M           | 17.871M         |
| 5300MHz_TnomVnom                        | Pass   | Inf        | 26.64M           | 17.841M         |
| 5320MHz_TnomVnom                        | Pass   | Inf        | 21.84M           | 17.811M         |
| 5500MHz_TnomVnom                        | Pass   | Inf        | 21.87M           | 17.811M         |
| 5580MHz_TnomVnom                        | Pass   | Inf        | 22.29M           | 17.841M         |
| 5700MHz_TnomVnom                        | Pass   | Inf        | 21.84M           | 17.841M         |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 18.48M           | 14.003M         |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.76M            | 4.818M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5270MHz_TnomVnom                        | Pass   | Inf        | 62.88M           | 36.282M         |
| 5310MHz_TnomVnom                        | Pass   | Inf        | 40.14M           | 36.222M         |
| 5510MHz_TnomVnom                        | Pass   | Inf        | 40.14M           | 36.282M         |
| 5550MHz_TnomVnom                        | Pass   | Inf        | 46.8M            | 36.342M         |
| 5670MHz_TnomVnom                        | Pass   | Inf        | 40.26M           | 36.342M         |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 41.58M           | 33.128M         |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.14M            | 6.797M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5290MHz_TnomVnom                        | Pass   | Inf        | 82.2M            | 75.682M         |
| 5530MHz_TnomVnom                        | Pass   | Inf        | 82.2M            | 75.682M         |
| 5610MHz_TnomVnom                        | Pass   | Inf        | 82.08M           | 75.922M         |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 76.875M          | 72.489M         |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.12M            | 14.493M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5260MHz_TnomVnom                        | Pass   | Inf        | 29.46M           | 19.04M          |
| 5300MHz_TnomVnom                        | Pass   | Inf        | 29.61M           | 19.04M          |
| 5320MHz_TnomVnom                        | Pass   | Inf        | 21.63M           | 18.981M         |
| 5500MHz_TnomVnom                        | Pass   | Inf        | 21.6M            | 19.01M          |
| 5580MHz_TnomVnom                        | Pass   | Inf        | 25.56M           | 19.04M          |
| 5700MHz_TnomVnom                        | Pass   | Inf        | 21.75M           | 18.981M         |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 17.895M          | 14.573M         |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 4.44M            | 5.857M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5270MHz_TnomVnom                        | Pass   | Inf        | 42.06M           | 37.601M         |
| 5310MHz_TnomVnom                        | Pass   | Inf        | 40.38M           | 37.541M         |



| Mode                                    | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) |
|---|--------|------------|------------------|-----------------|
| 5510MHz_TnomVnom                        | Pass   | Inf        | 40.08M           | 37.601M         |
| 5550MHz_TnomVnom                        | Pass   | Inf        | 43.8M            | 37.661M         |
| 5670MHz_TnomVnom                        | Pass   | Inf        | 40.38M           | 37.541M         |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 35.35M           | 33.723M         |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.74M            | 4.758M          |
| 802.11ax HEW80_Nss1,(MCS0)_1TX          | -      | -          | -                | -               |
| 5290MHz_TnomVnom                        | Pass   | Inf        | 82.08M           | 77.001M         |
| 5530MHz_TnomVnom                        | Pass   | Inf        | 81.84M           | 77.121M         |
| 5610MHz_TnomVnom                        | Pass   | Inf        | 82.32M           | 77.121M         |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 75.825M          | 73.238M         |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.74M            | 11.114M         |

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth;

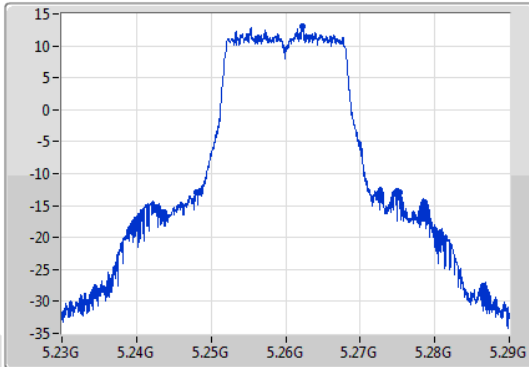
802.11a\_Nss1,(6Mbps)\_1TX

EBW

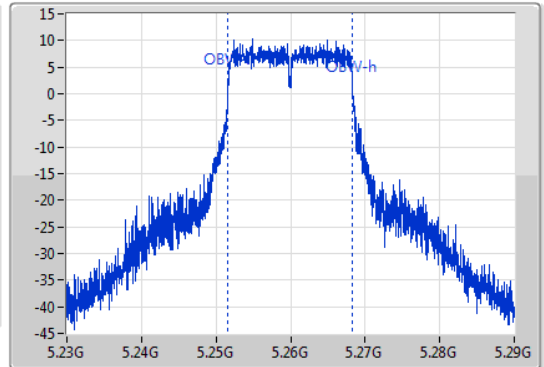
5260MHz

07/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port1



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 27.24M   | 5.24809G    | 5.27533G    | 16.702M | 5.251634G  | 5.268336G  | Inf       | 1    |

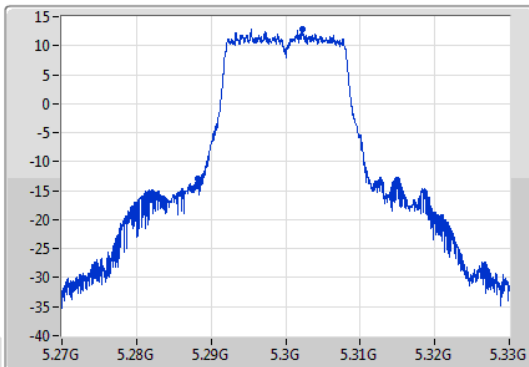
802.11a\_Nss1,(6Mbps)\_1TX

EBW

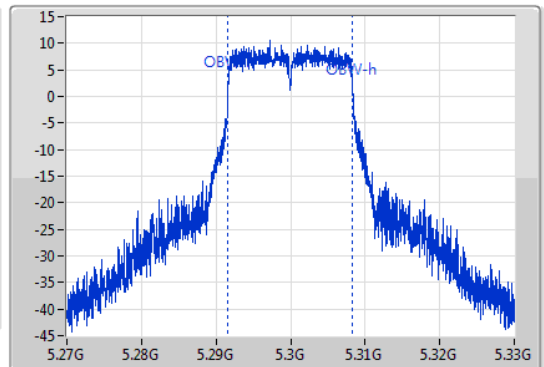
5300MHz

07/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port1



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 26.7M    | 5.28821G    | 5.31491G    | 16.672M | 5.291634G  | 5.308306G  | Inf       | 1    |

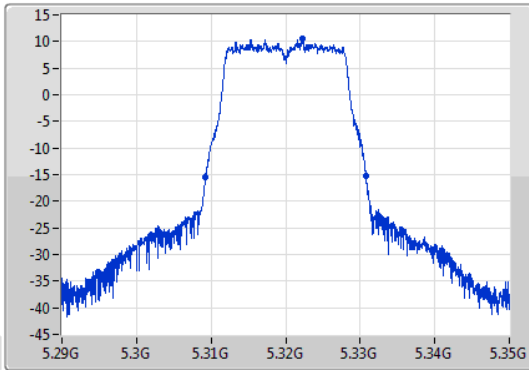
802.11a\_Nss1,(6Mbps)\_1TX

EBW

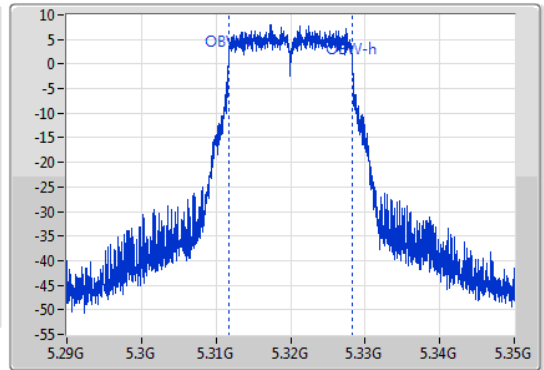
5320MHz

07/11/2019

CF: 5.32GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.32GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.57M   | 5.3092G     | 5.33077G    | 16.642M | 5.311664G  | 5.328306G  | Inf       | 1    |

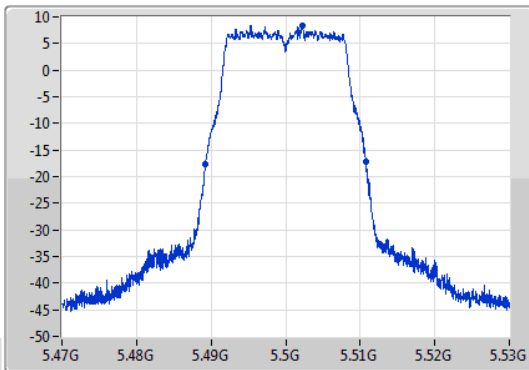
802.11a\_Nss1,(6Mbps)\_1TX

EBW

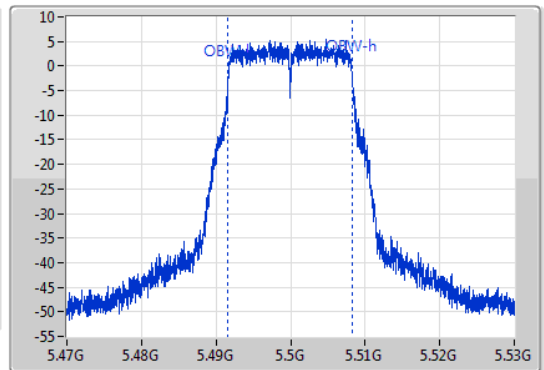
5500MHz

07/11/2019

CF: 5.5GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.5GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.57M   | 5.4892G     | 5.51077G    | 16.672M | 5.491634G  | 5.508306G  | Inf       | 1    |

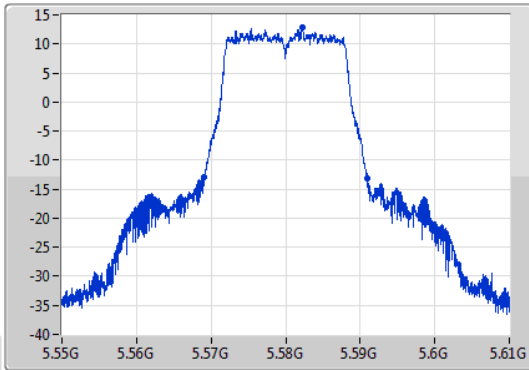
802.11a\_Nss1,(6Mbps)\_1TX

EBW

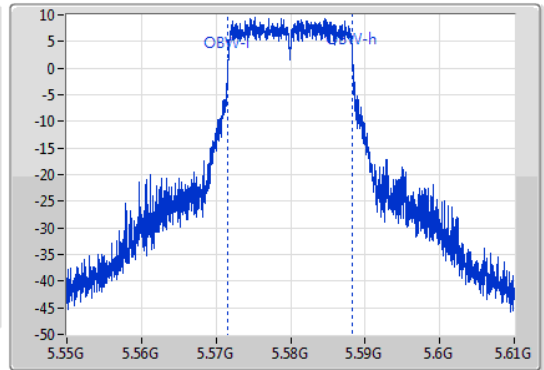
5580MHz

07/11/2019

CF: 5.58GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.58GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.9M    | 5.56911G    | 5.59101G    | 16.702M | 5.571634G  | 5.588336G  | Inf       | 1    |

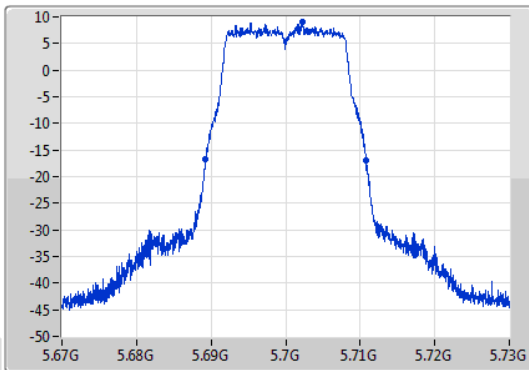
802.11a\_Nss1,(6Mbps)\_1TX

EBW

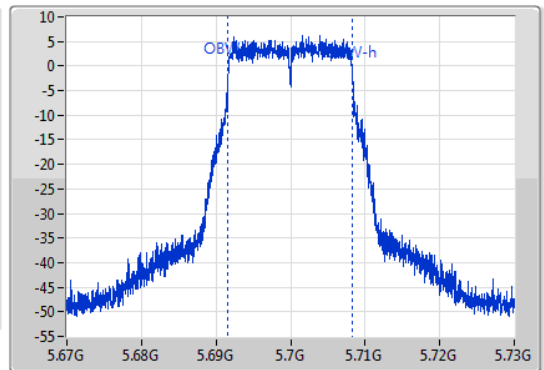
5700MHz

07/11/2019

CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.7GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



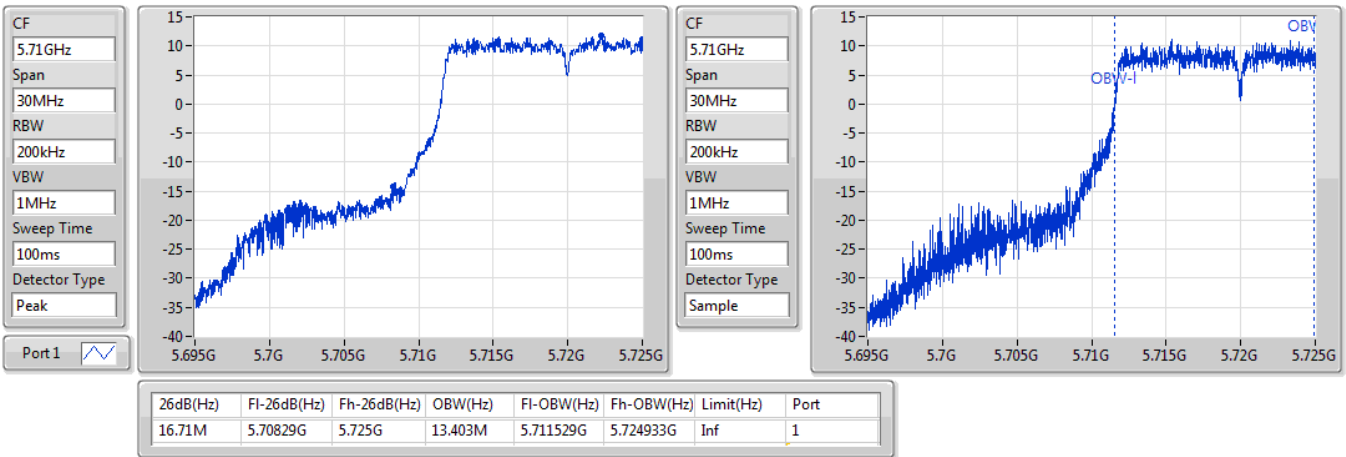
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.54M   | 5.68926G    | 5.7108G     | 16.672M | 5.691634G  | 5.708306G  | Inf       | 1    |

802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

13/11/2019

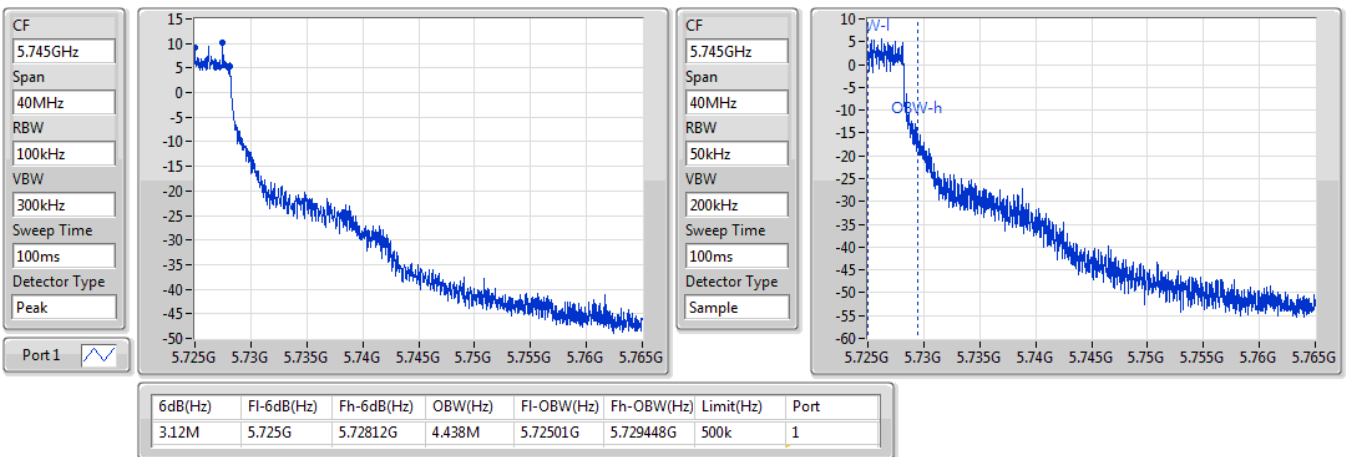


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/11/2019





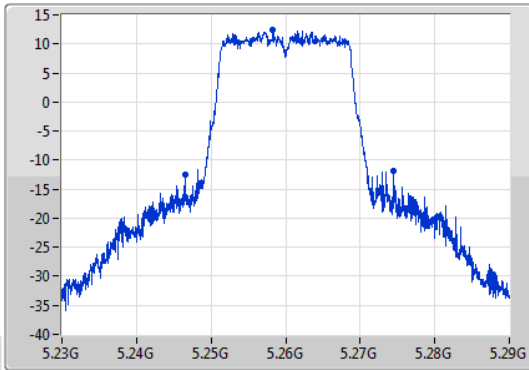
802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

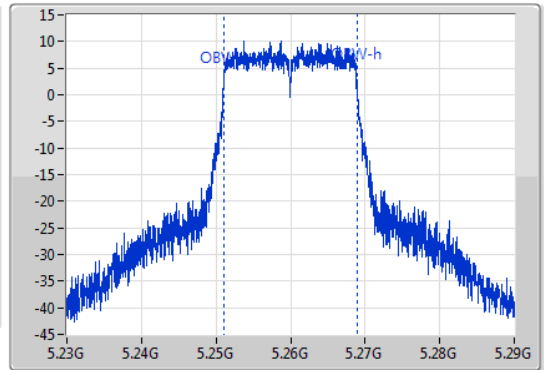
5260MHz

07/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 28.05M   | 5.24647G    | 5.27452G    | 17.871M | 5.251034G  | 5.268906G  | Inf       | 1    |

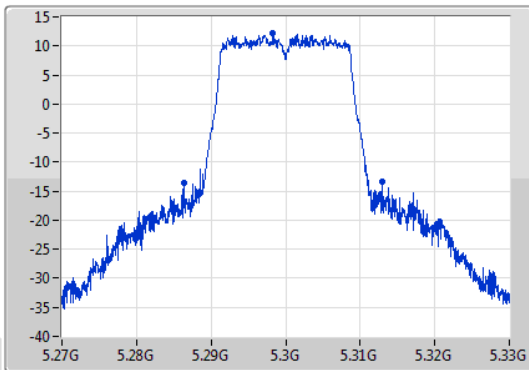
802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

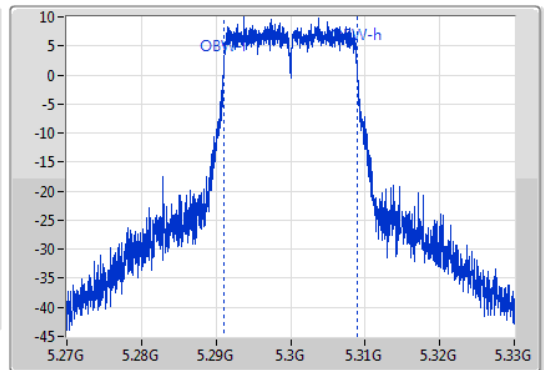
5300MHz

07/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



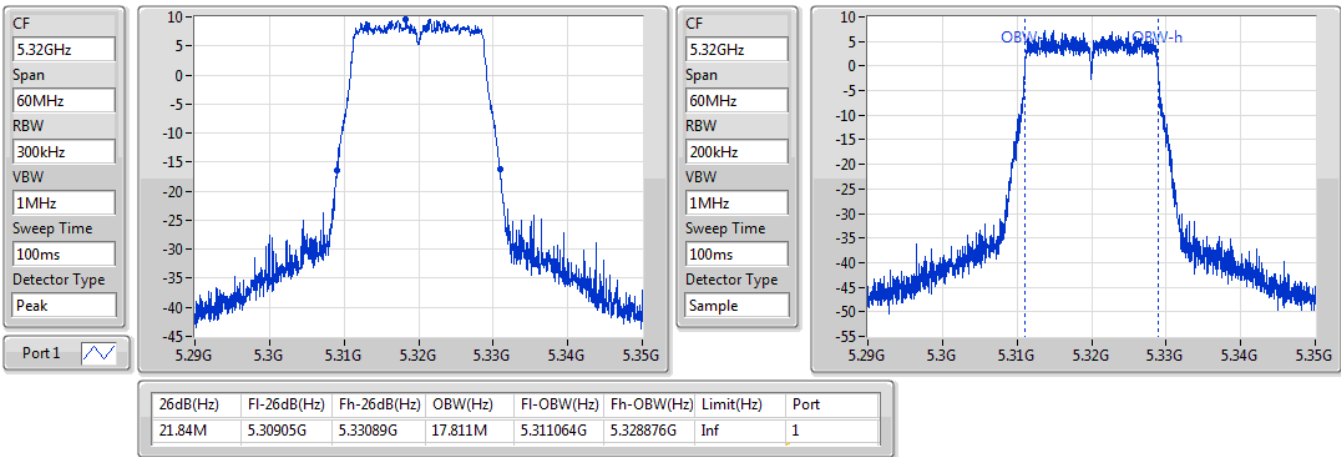
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 26.64M   | 5.28638G    | 5.31302G    | 17.841M | 5.291064G  | 5.308906G  | Inf       | 1    |

802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5320MHz

07/11/2019

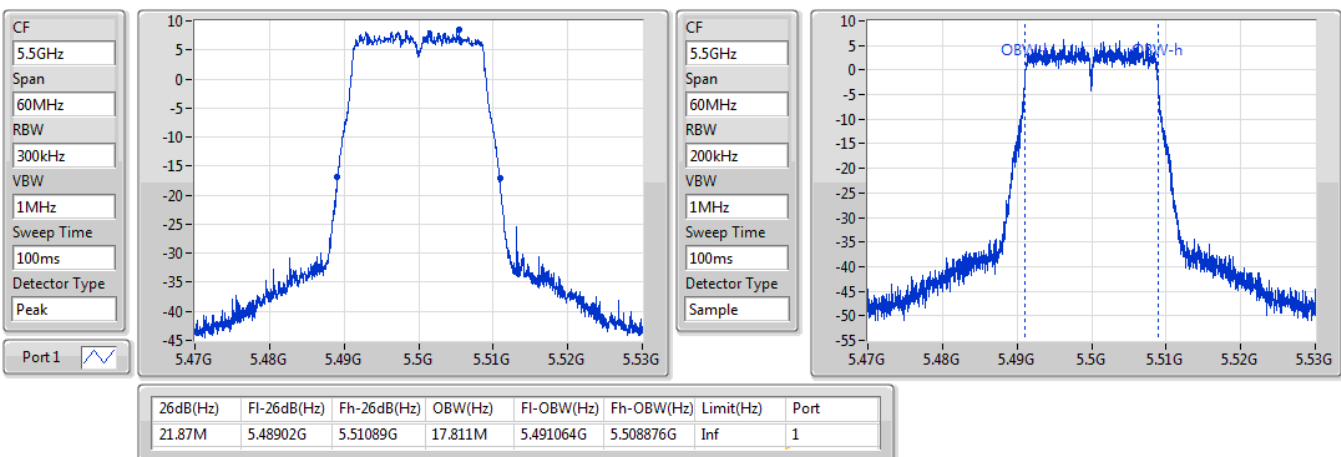


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

07/11/2019



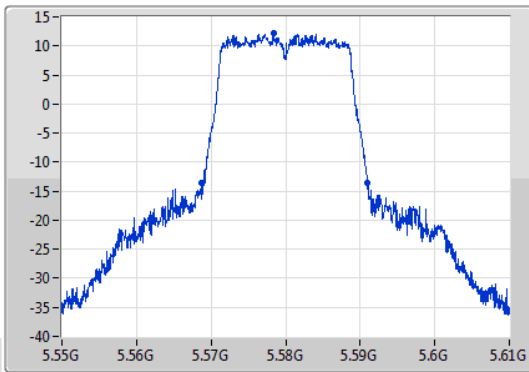
802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

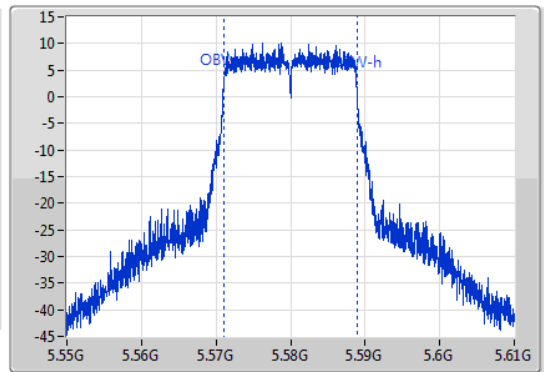
5580MHz

07/11/2019

CF: 5.58GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.58GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 22.29M   | 5.56872G    | 5.59101G    | 17.841M | 5.571034G  | 5.588876G  | Inf       | 1    |

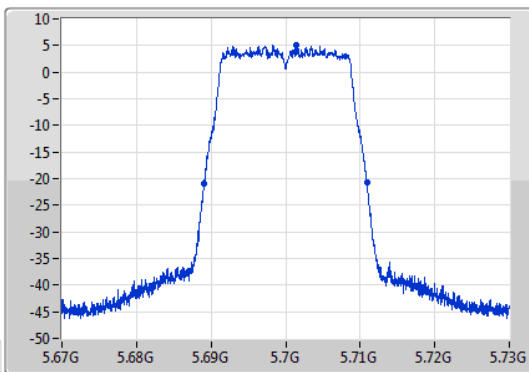
802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

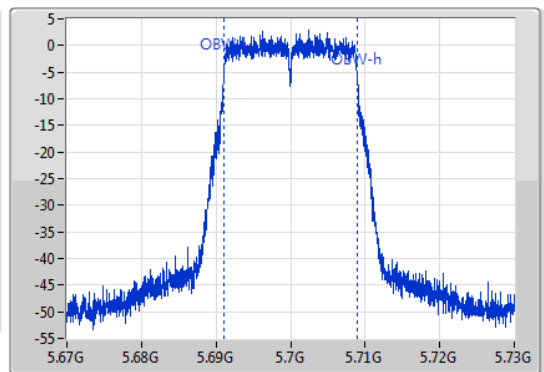
5700MHz

07/11/2019

CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.7GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



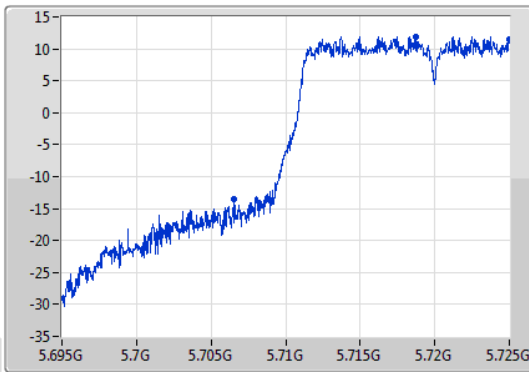
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.84M   | 5.68905G    | 5.71089G    | 17.841M | 5.691064G  | 5.708906G  | Inf       | 1    |

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.47-5.725GHz**

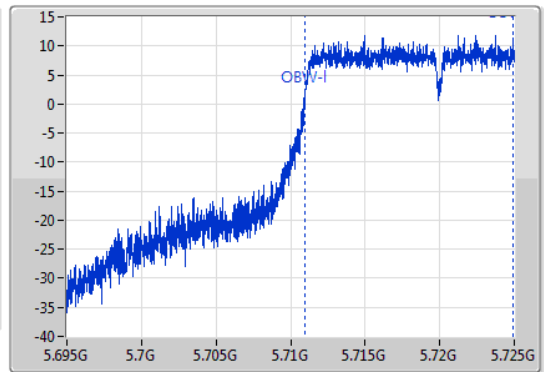
EBW

13/11/2019

CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



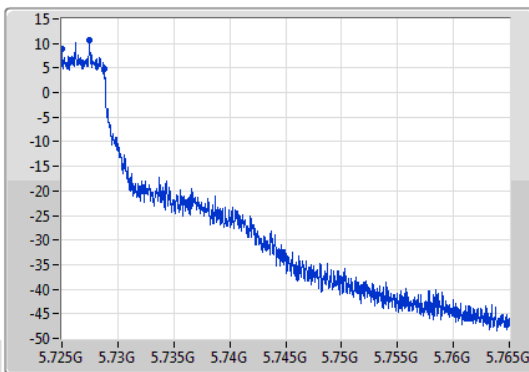
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 18.48M   | 5.70652G    | 5.725G      | 14.003M | 5.710945G  | 5.724948G  | Inf       | 1    |

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.725-5.85GHz**

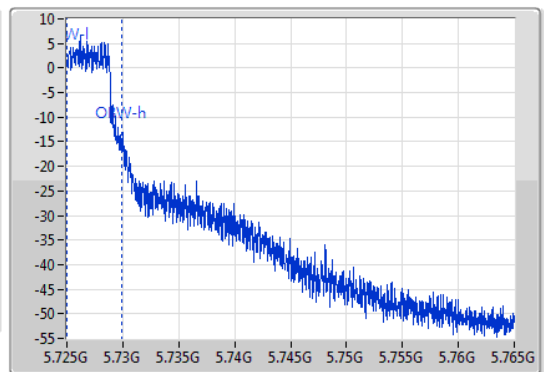
EBW

13/11/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.745GHz  
 Span: 40MHz  
 RBW: 50kHz  
 VBW: 200kHz  
 Sweep Time: 100ms  
 Detector Type: Sample



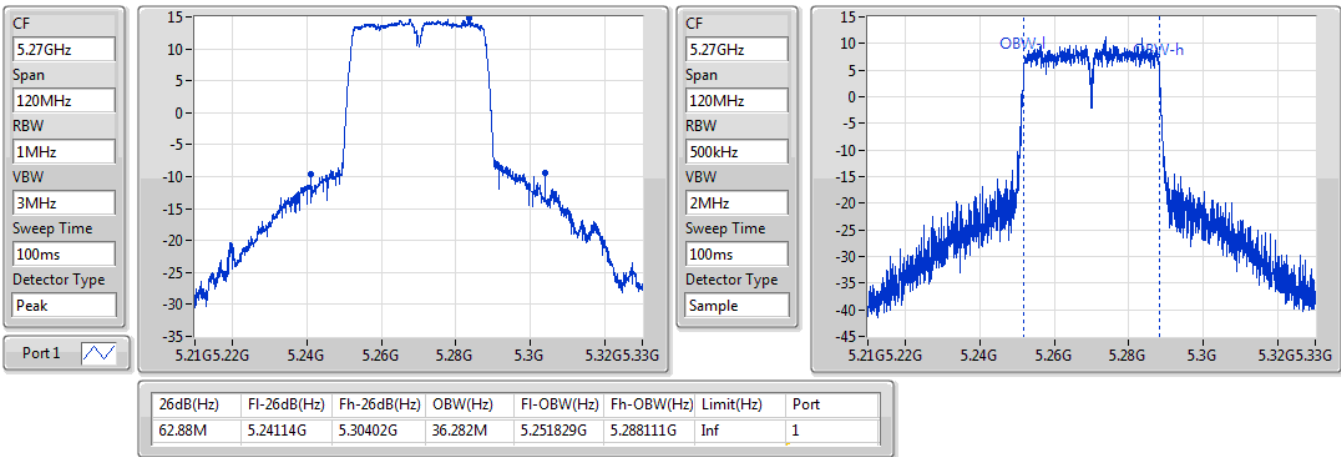
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.76M   | 5.725G     | 5.72876G   | 4.818M  | 5.72503G   | 5.729848G  | 500k      | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5270MHz

07/11/2019

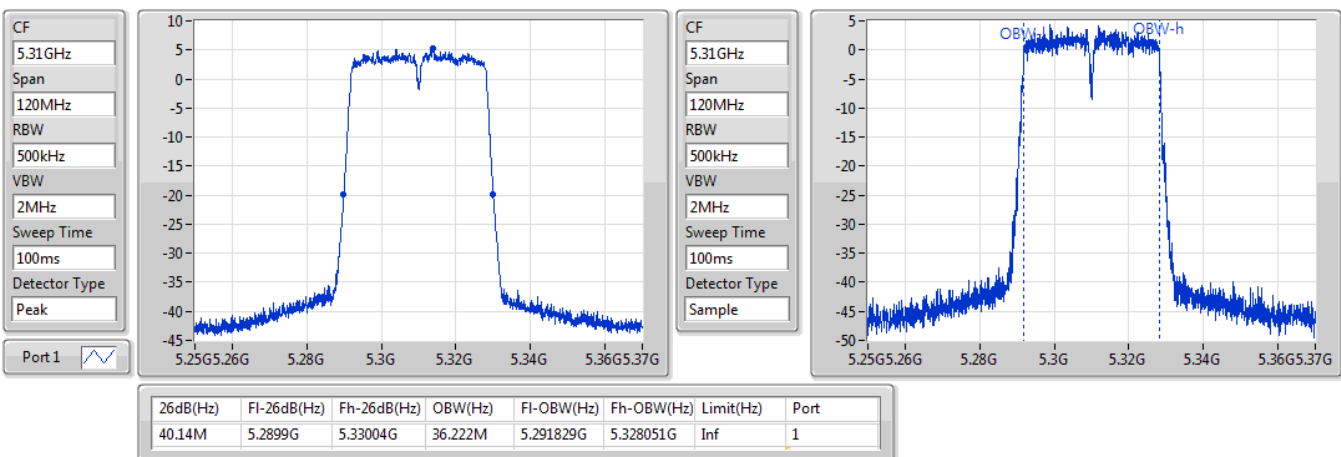


802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5310MHz

07/11/2019

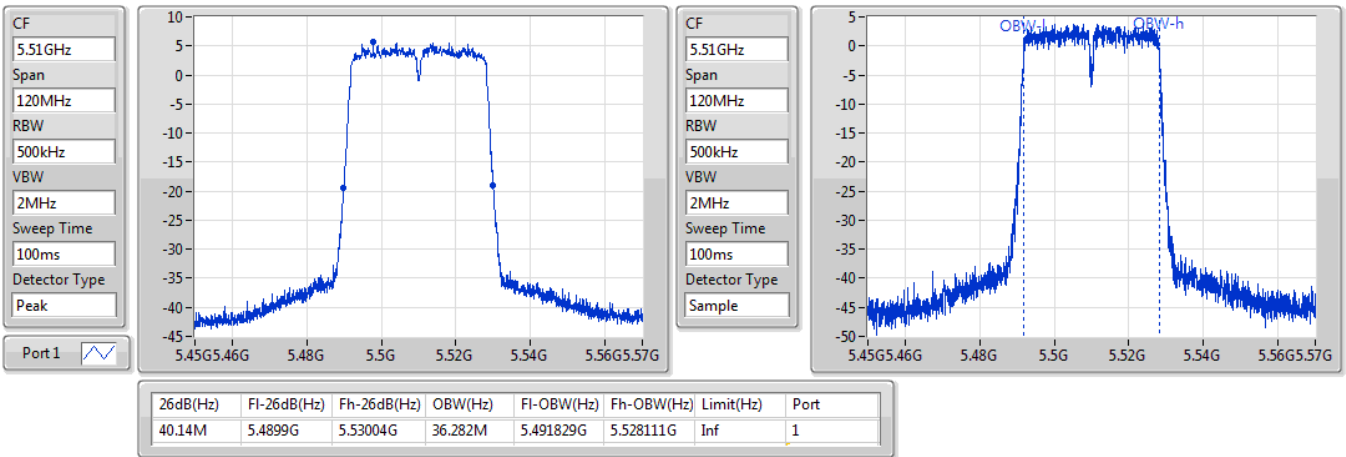


802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5510MHz

07/11/2019

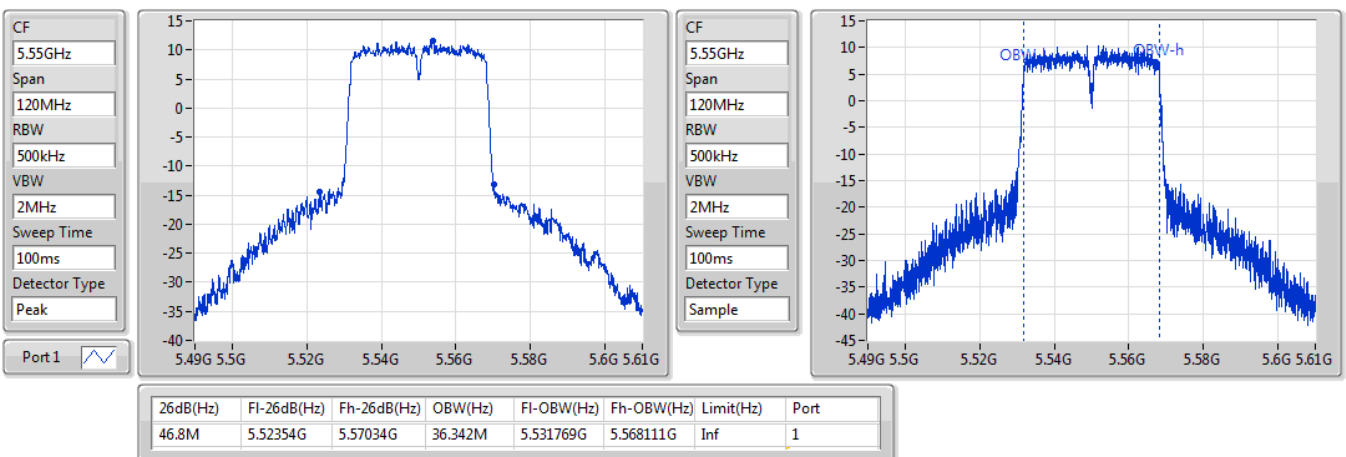


802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5550MHz

07/11/2019



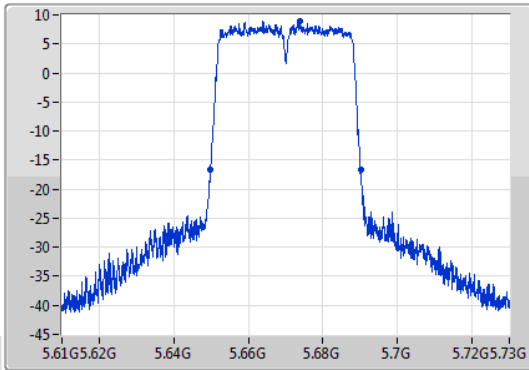
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

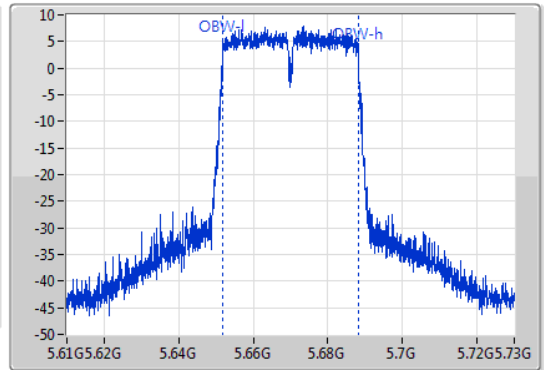
5670MHz

07/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.26M   | 5.64984G    | 5.6901G     | 36.342M | 5.651769G  | 5.688111G  | Inf       | 1    |

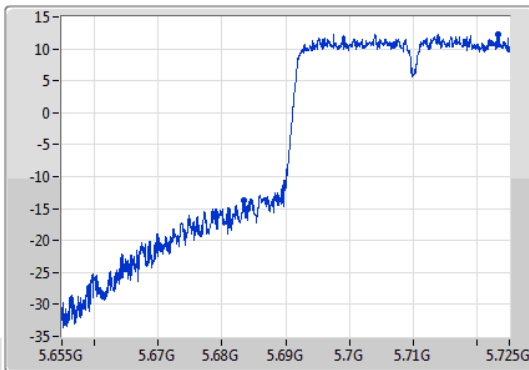
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

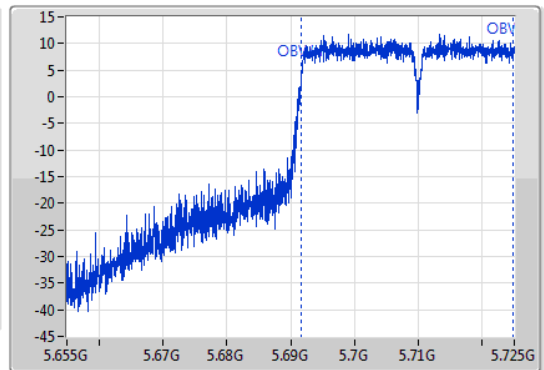
5710MHz Straddle 5.47-5.725GHz

13/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample

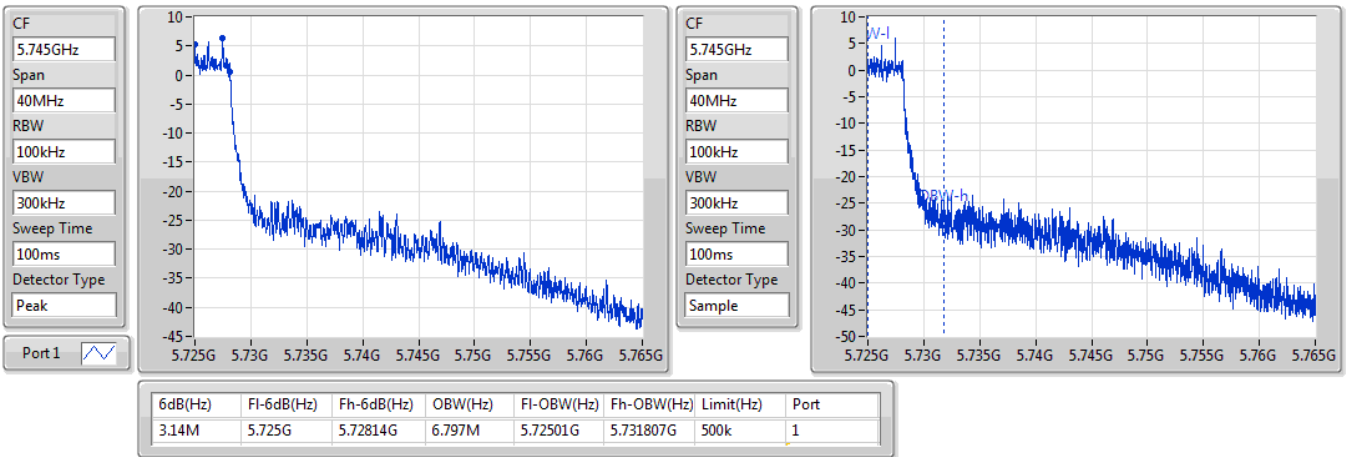


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.58M   | 5.68342G    | 5.725G      | 33.128M | 5.691714G  | 5.724843G  | Inf       | 1    |

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**  
**5710MHz Straddle 5.725-5.85GHz**

EBW

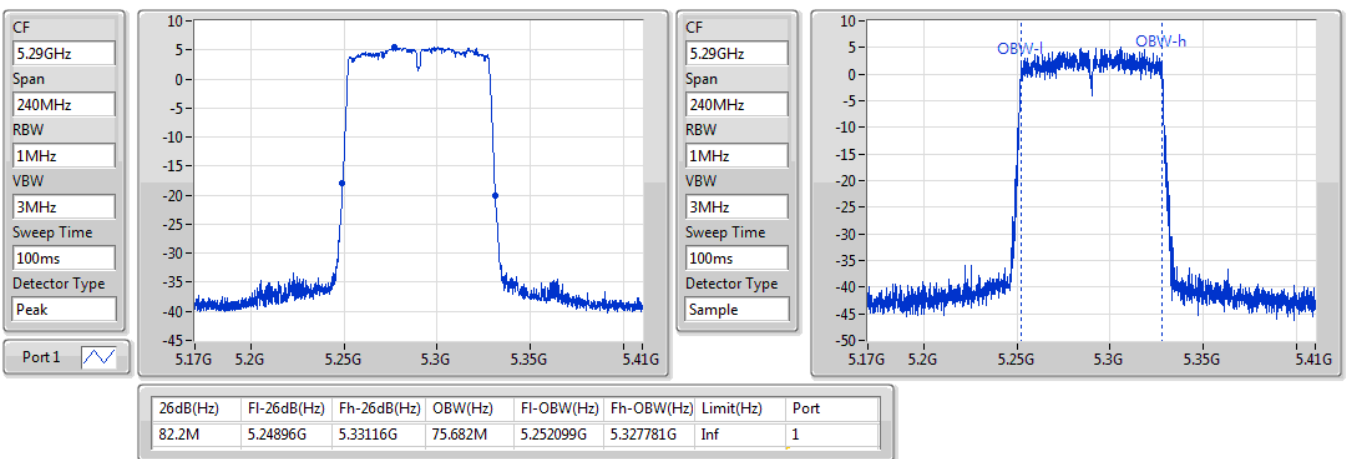
13/11/2019



**802.11ac VHT80\_Nss1,(MCS0)\_1TX**  
**5290MHz**

EBW

07/11/2019



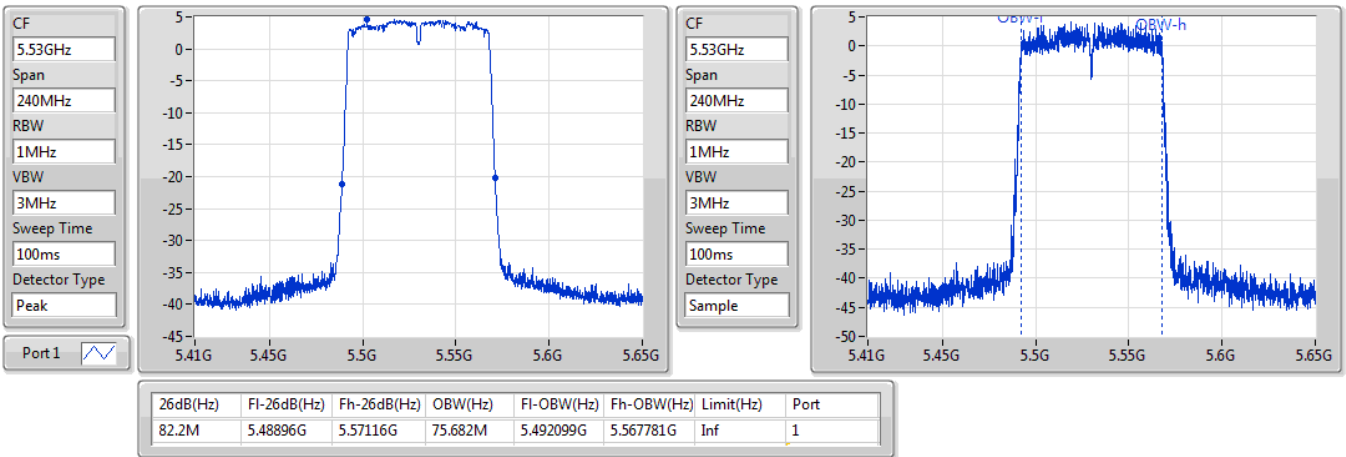


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5530MHz

07/11/2019

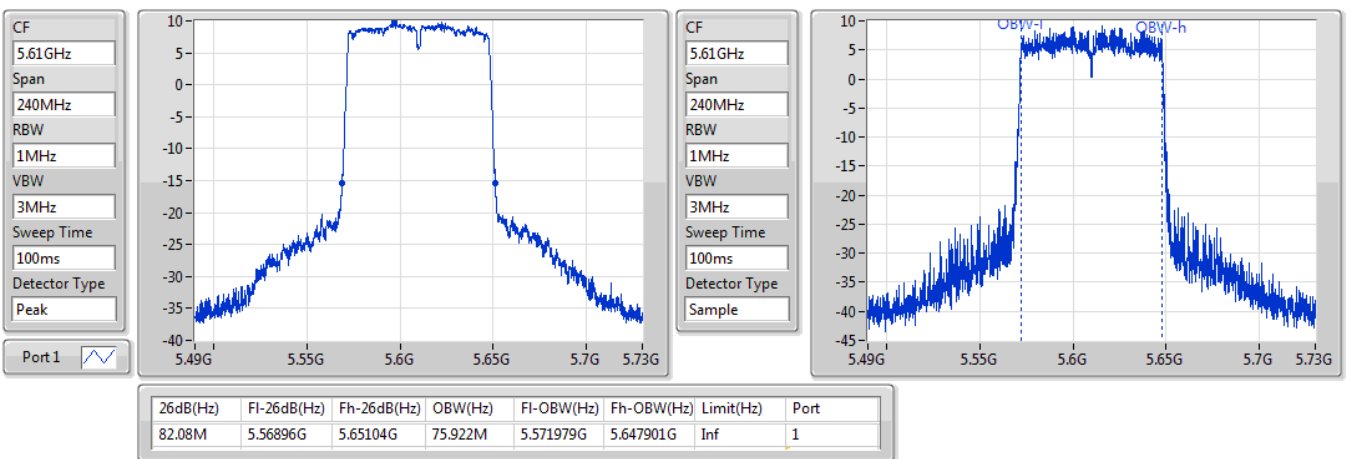


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5610MHz

07/11/2019

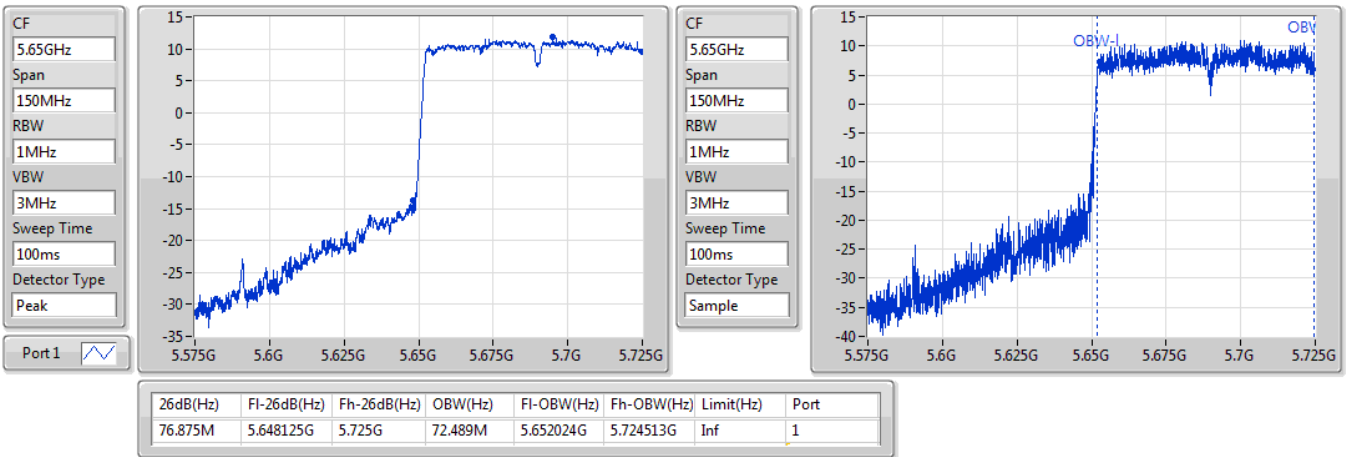


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

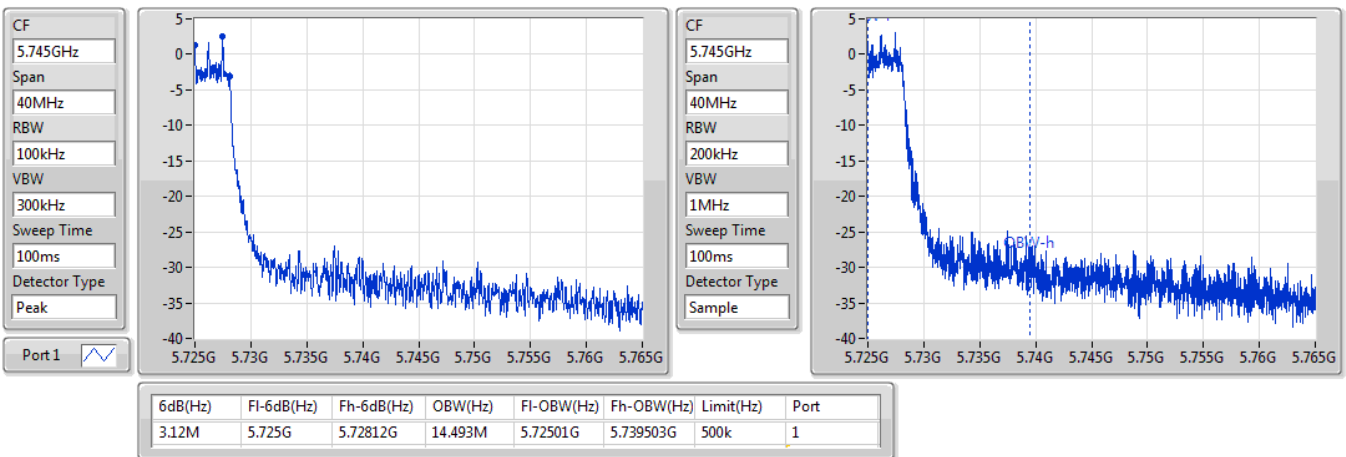


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019

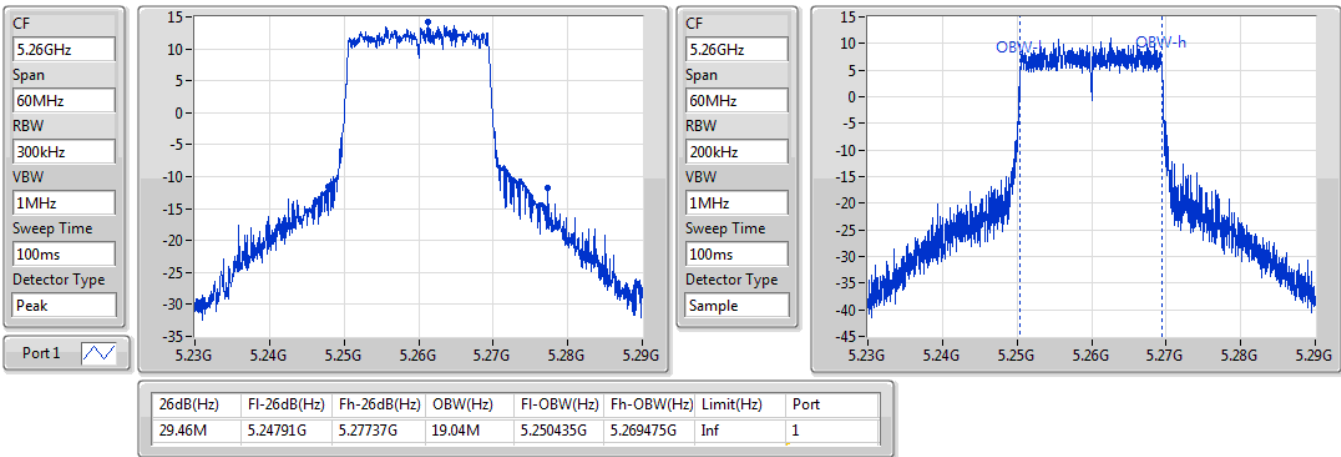


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

07/11/2019

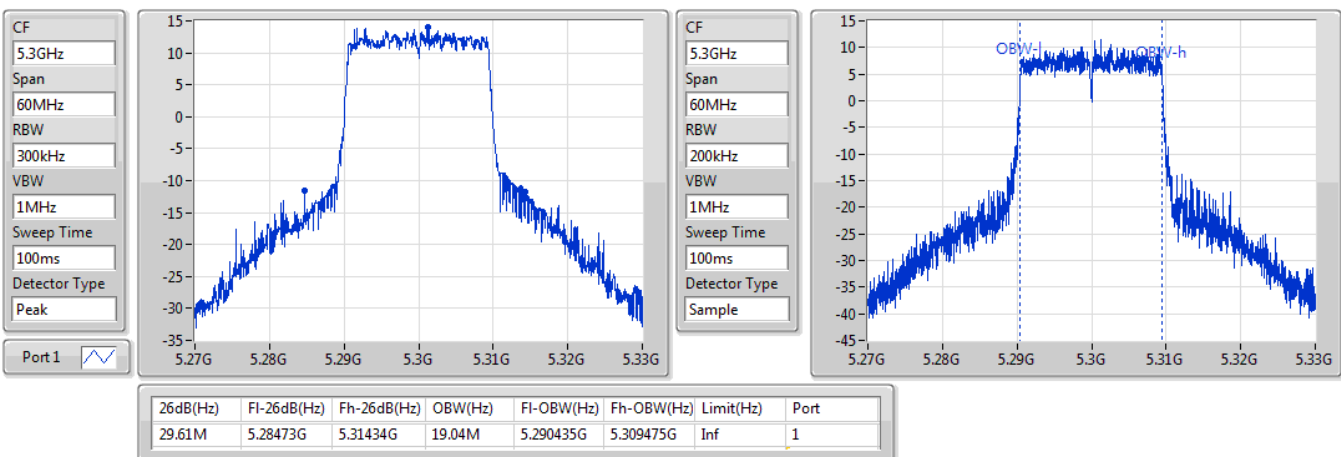


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5300MHz

07/11/2019

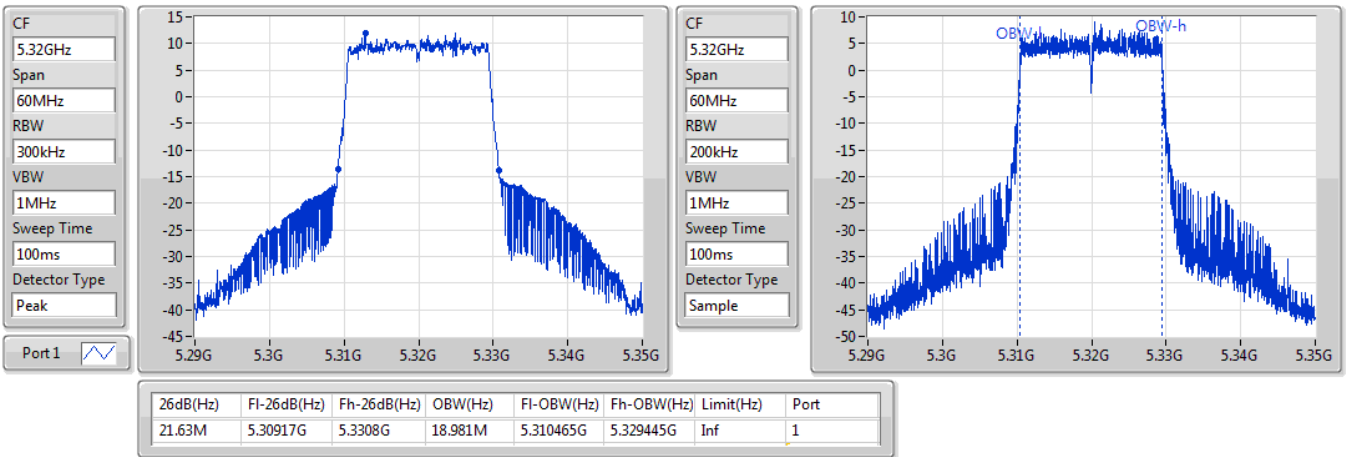


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5320MHz

07/11/2019

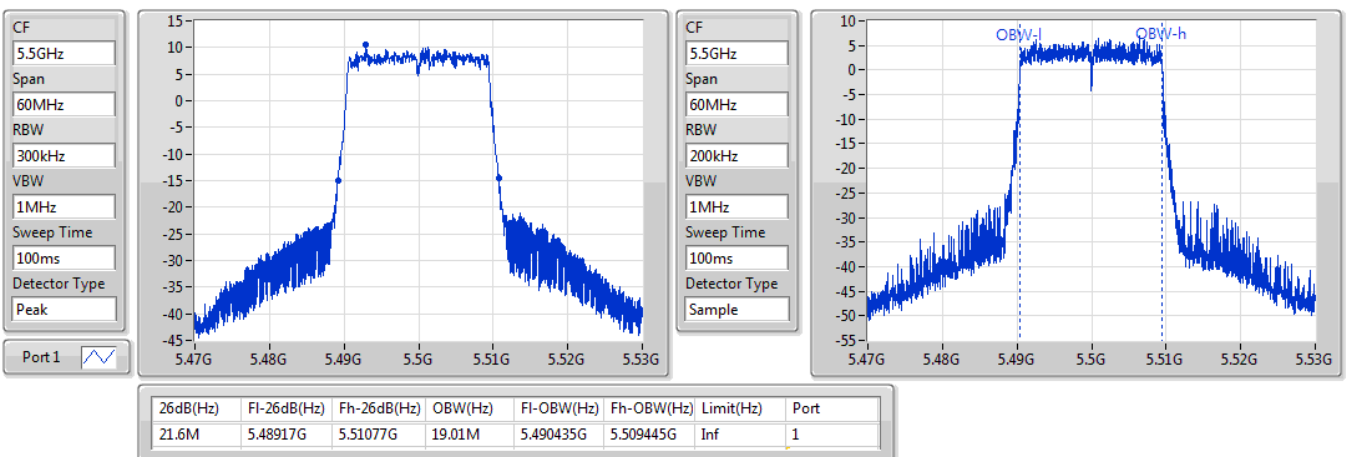


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

07/11/2019

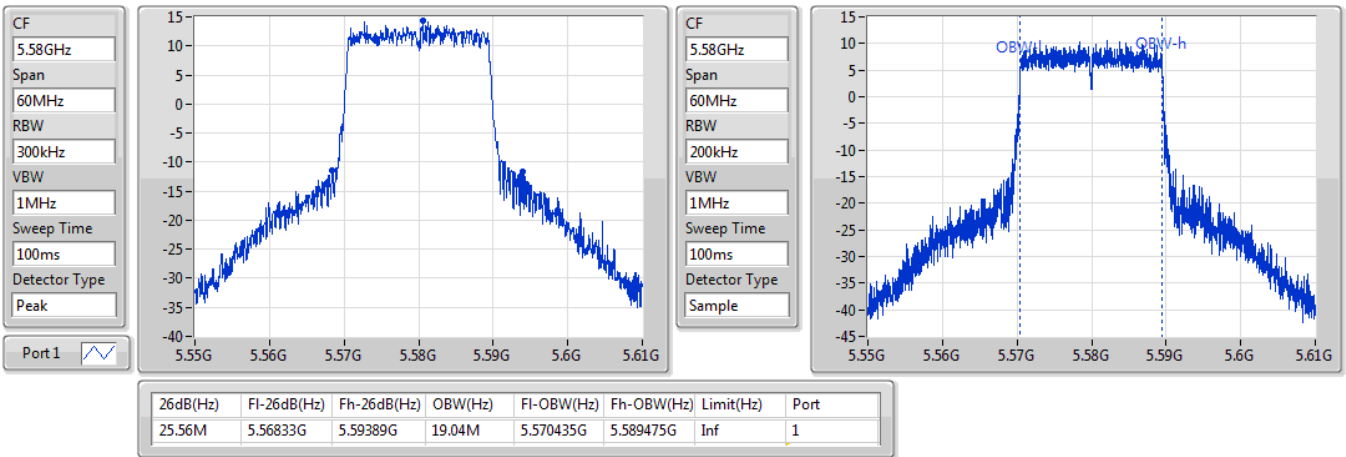


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5580MHz

07/11/2019

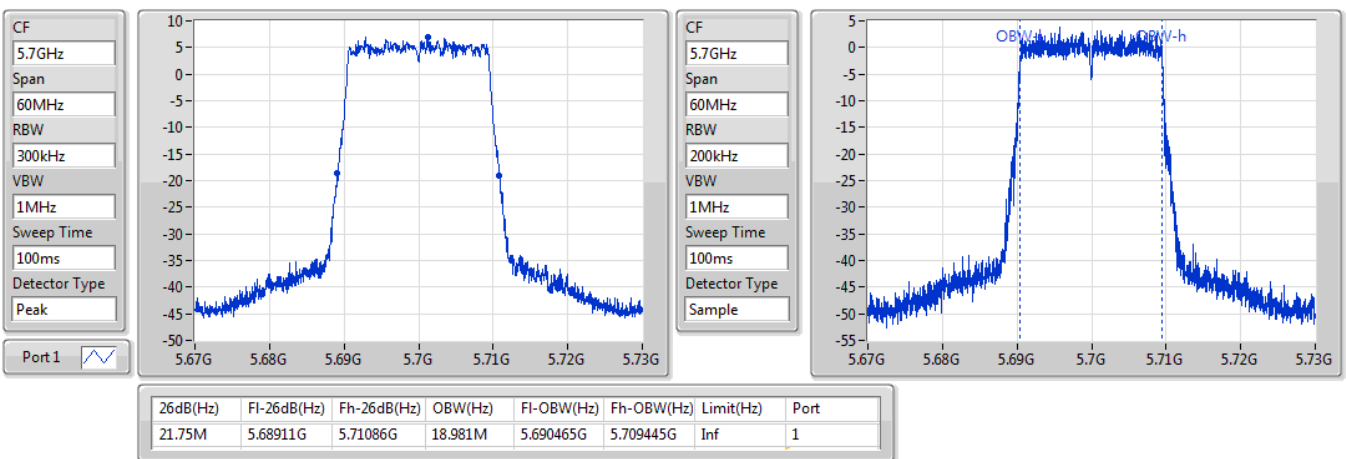


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5700MHz

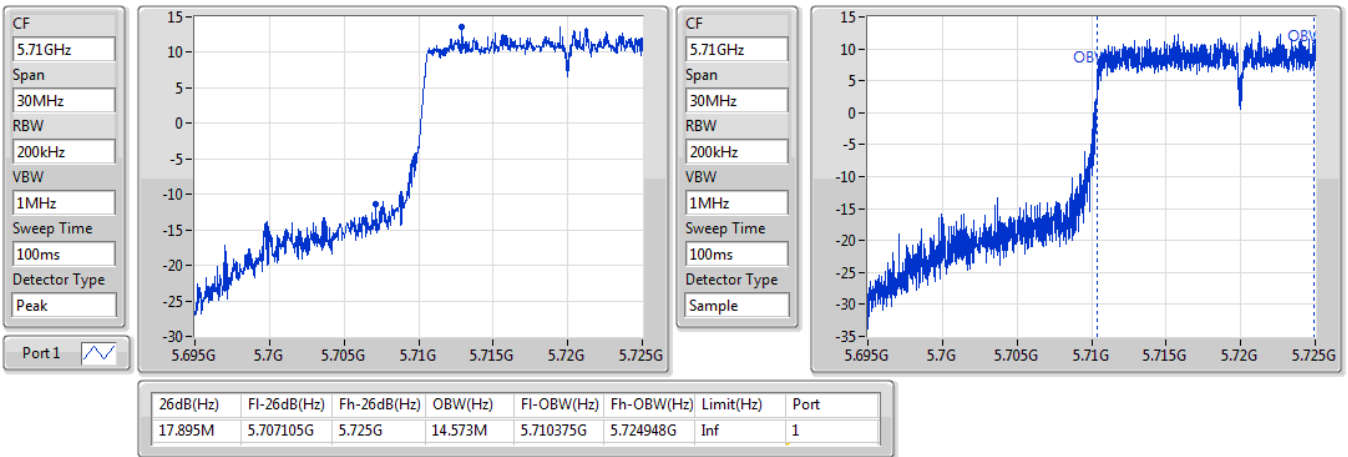
07/11/2019



**802.11ax HEW20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.47-5.725GHz**

EBW

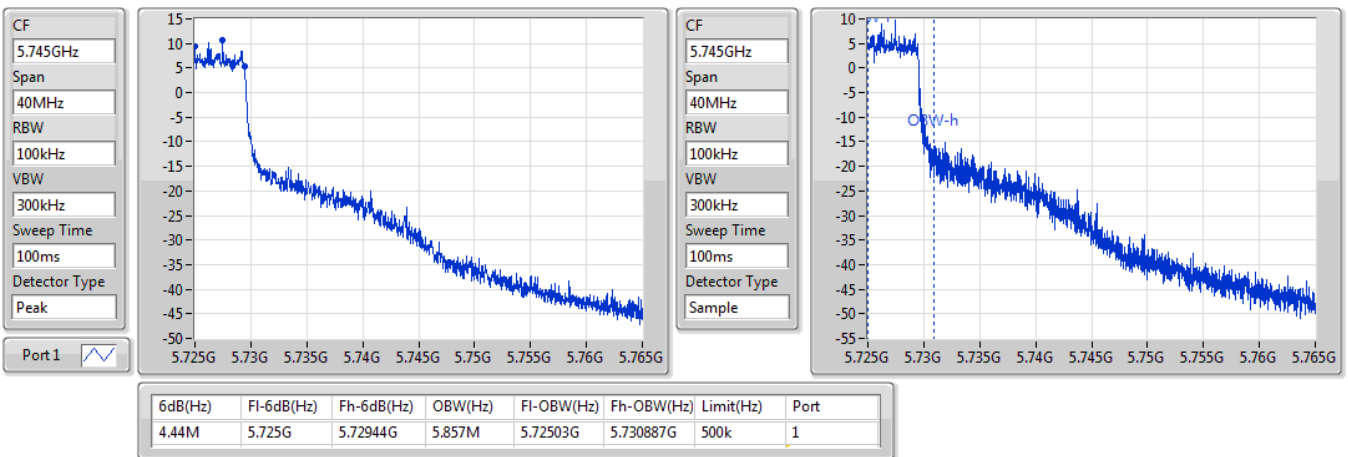
13/11/2019



**802.11ax HEW20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.725-5.85GHz**

EBW

13/11/2019

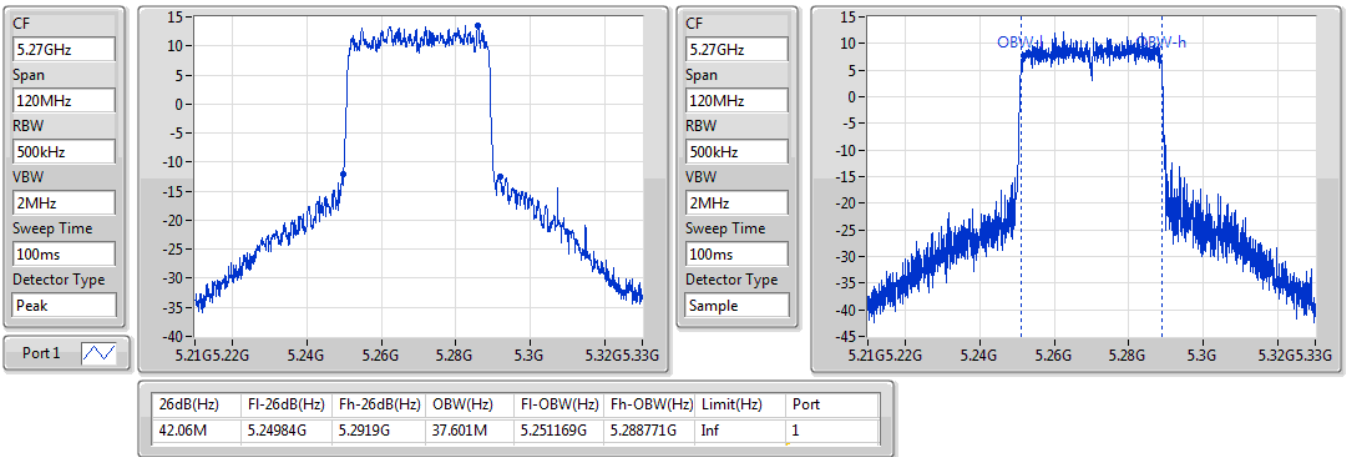


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5270MHz

13/11/2019

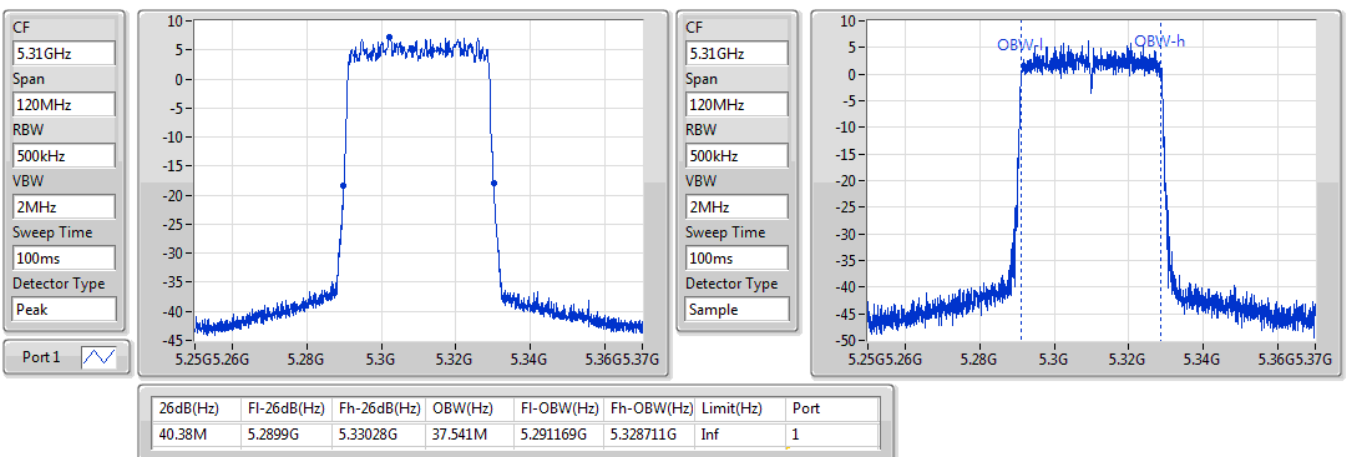


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5310MHz

07/11/2019



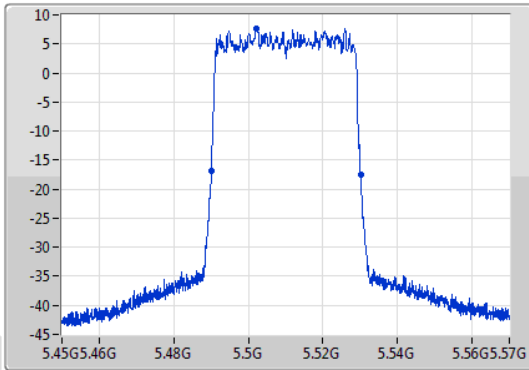
802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

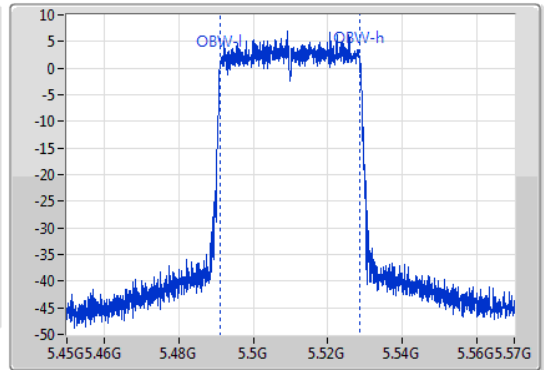
5510MHz

07/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.08M   | 5.49002G    | 5.5301G     | 37.601M | 5.491109G  | 5.528711G  | Inf       | 1    |

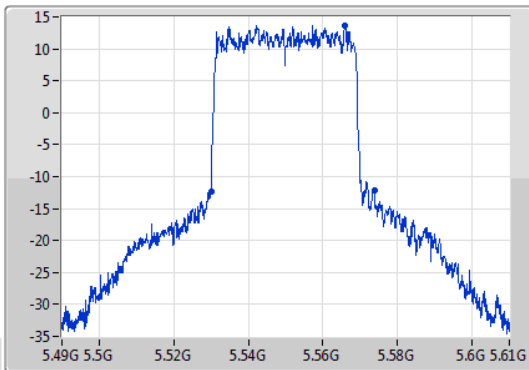
802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

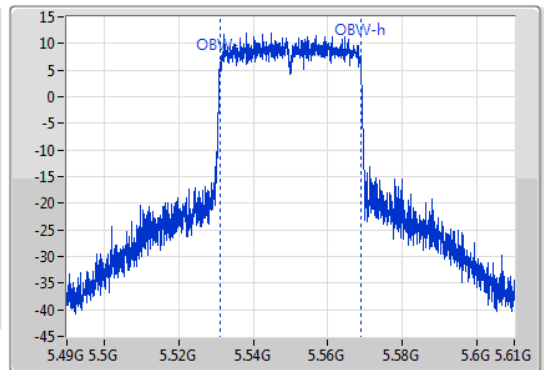
5550MHz

07/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 43.8M    | 5.52996G    | 5.57376G    | 37.661M | 5.531109G  | 5.568771G  | Inf       | 1    |

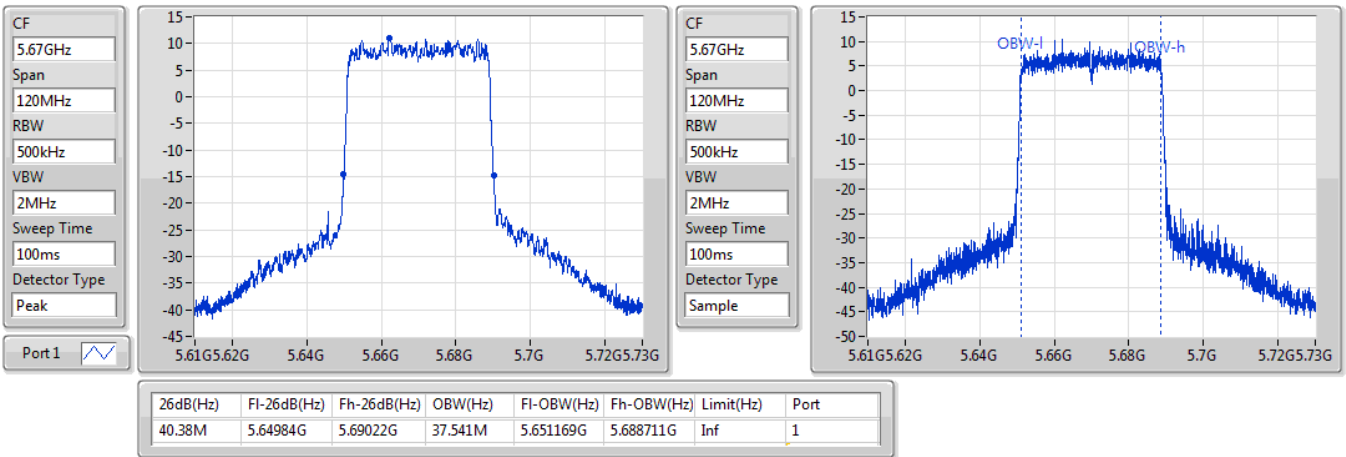


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5670MHz

07/11/2019

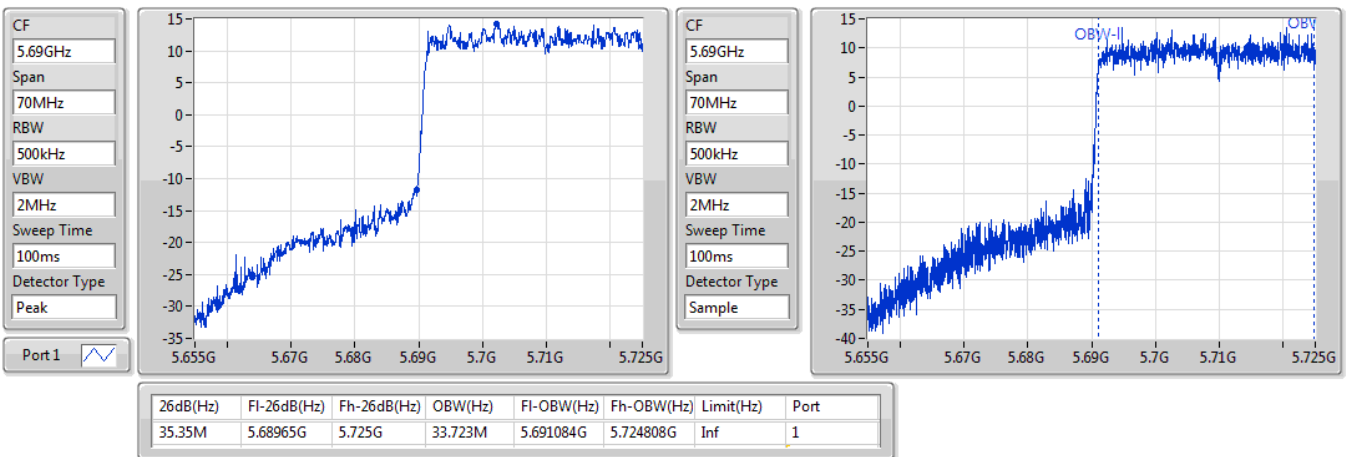


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

13/11/2019

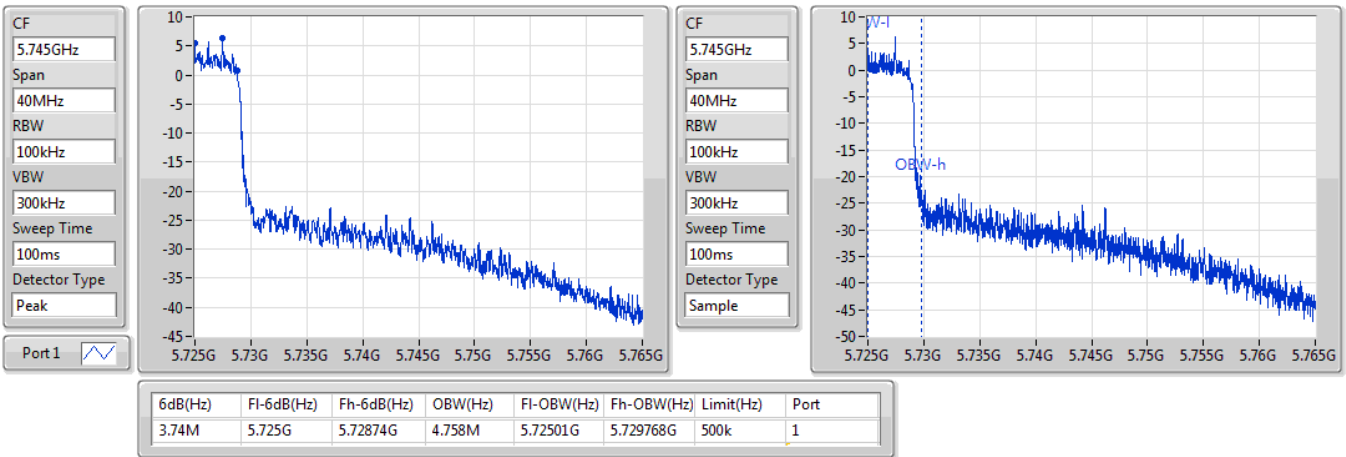


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/11/2019

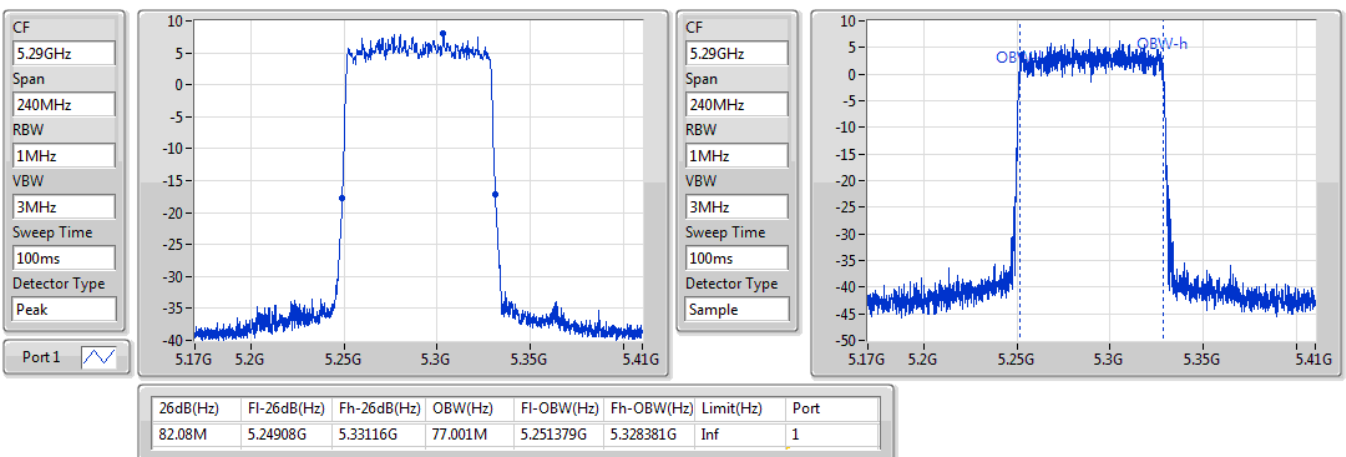


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5290MHz

07/11/2019



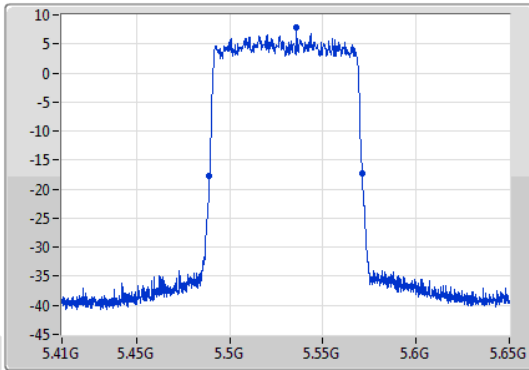
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

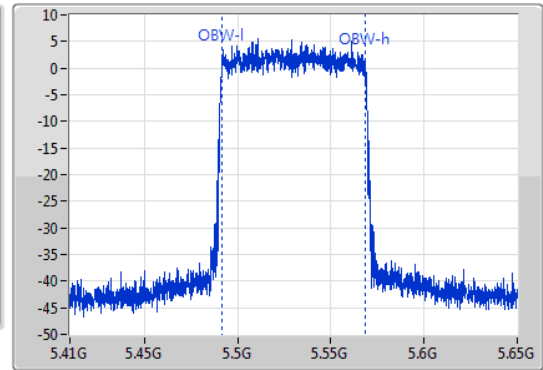
5530MHz

07/11/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.84M   | 5.4892G     | 5.57104G    | 77.121M | 5.491379G  | 5.568501G  | Inf       | 1    |

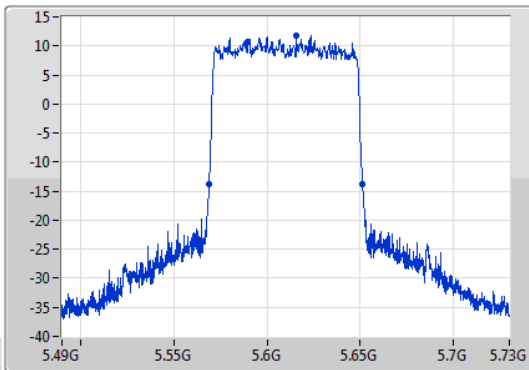
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

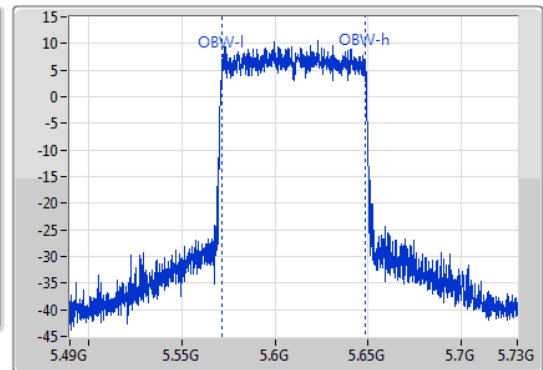
5610MHz

07/11/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



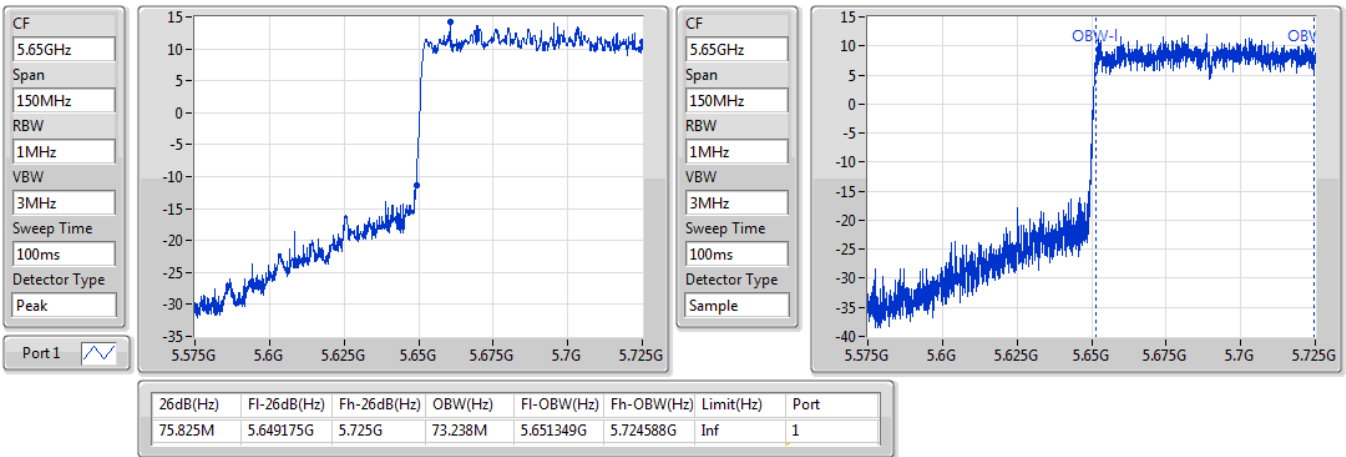
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.32M   | 5.56896G    | 5.65128G    | 77.121M | 5.571499G  | 5.648621G  | Inf       | 1    |

802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

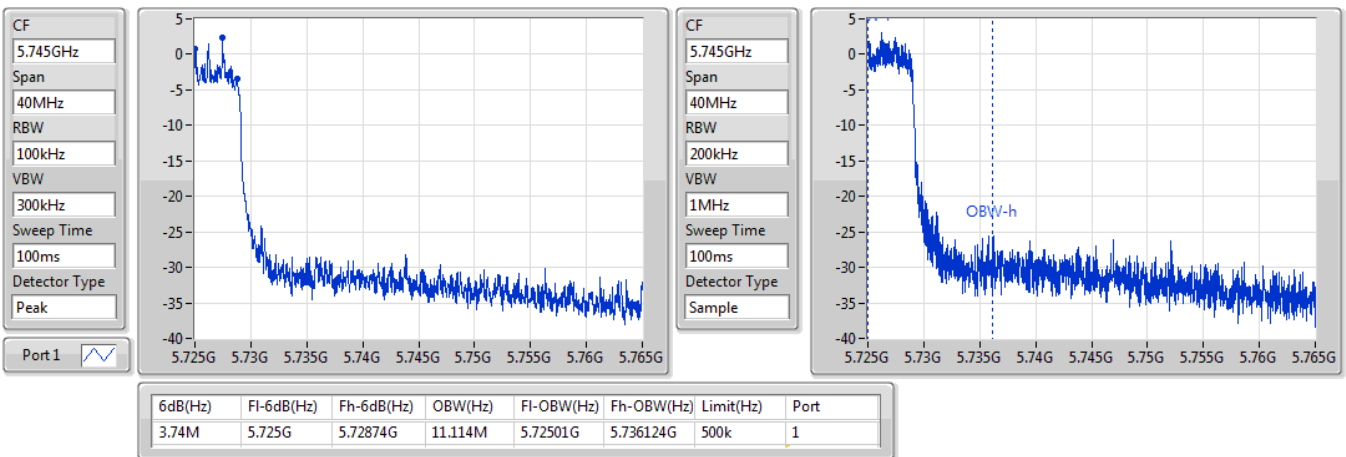


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019





Summary

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.25-5.35GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.57M           | 16.642M         | 16M6D1D  | 21.3M            | 16.612M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.93M           | 17.781M         | 17M8D1D  | 21.57M           | 17.721M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 40.26M           | 36.282M         | 36M3D1D  | 40.02M           | 36.222M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 81.72M           | 75.802M         | 75M8D1D  | 81.72M           | 75.682M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.84M           | 19.01M          | 19M0D1D  | 21.45M           | 18.951M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.26M           | 37.661M         | 37M7D1D  | 40.08M           | 37.481M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.6M            | 77.001M         | 77M0D1D  | 81.36M           | 76.882M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.57M           | 16.612M         | 16M6D1D  | 15.555M          | 13.328M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.96M           | 17.841M         | 17M8D1D  | 15.795M          | 13.928M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 40.26M           | 36.342M         | 36M3D1D  | 35.035M          | 33.058M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 81.84M           | 75.802M         | 75M8D1D  | 75.825M          | 72.414M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.93M           | 19.01M          | 19M0D1D  | 15.645M          | 14.498M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.14M           | 37.601M         | 37M6D1D  | 35.035M          | 33.653M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.48M           | 77.121M         | 77M1D1D  | 75.3M            | 73.163M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 3.14M            | 3.938M          | 3M94D1D  | 3.14M            | 3.918M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 3.76M            | 4.298M          | 4M30D1D  | 3.74M            | 4.298M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 3.14M            | 3.638M          | 3M64D1D  | 3.14M            | 3.518M          |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 3.12M            | 3.758M          | 3M76D1D  | 3.12M            | 3.678M          |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 4.46M            | 4.558M          | 4M56D1D  | 4.46M            | 4.538M          |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 3.76M            | 4.038M          | 4M04D1D  | 3.74M            | 4.018M          |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 3.78M            | 4.078M          | 4M08D1D  | 3.72M            | 4.058M          |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;



Result

| Mode                                    | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|---|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX                | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 21.51M              | 16.612M            | 21.39M              | 16.612M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 21.57M              | 16.612M            | 21.36M              | 16.612M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 21.48M              | 16.642M            | 21.3M               | 16.612M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 21.57M              | 16.612M            | 21.33M              | 16.612M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 21.57M              | 16.612M            | 21.33M              | 16.612M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 21.51M              | 16.612M            | 21.42M              | 16.612M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 15.585M             | 13.328M            | 15.555M             | 13.373M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.14M               | 3.938M             | 3.14M               | 3.918M             |
| 802.11ac VHT20_Nss2,(MCS0)_2TX          | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 21.87M              | 17.781M            | 21.57M              | 17.751M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 21.9M               | 17.781M            | 21.66M              | 17.721M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 21.93M              | 17.781M            | 21.72M              | 17.781M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 21.93M              | 17.841M            | 21.78M              | 17.751M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 21.93M              | 17.751M            | 21.78M              | 17.811M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 21.96M              | 17.811M            | 21.69M              | 17.781M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 15.795M             | 13.928M            | 15.795M             | 13.928M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.74M               | 4.298M             | 3.76M               | 4.298M             |
| 802.11ac VHT40_Nss2,(MCS0)_2TX          | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz_TnomVnom                        | Pass   | Inf           | 40.02M              | 36.222M            | 40.26M              | 36.282M            |
| 5310MHz_TnomVnom                        | Pass   | Inf           | 40.02M              | 36.282M            | 40.14M              | 36.282M            |
| 5510MHz_TnomVnom                        | Pass   | Inf           | 39.9M               | 36.222M            | 40.08M              | 36.222M            |
| 5550MHz_TnomVnom                        | Pass   | Inf           | 39.96M              | 36.222M            | 39.96M              | 36.342M            |
| 5670MHz_TnomVnom                        | Pass   | Inf           | 39.9M               | 36.282M            | 40.26M              | 36.342M            |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 35.035M             | 33.058M            | 35.245M             | 33.093M            |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.14M               | 3.518M             | 3.14M               | 3.638M             |
| 802.11ac VHT80_Nss2,(MCS0)_2TX          | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz_TnomVnom                        | Pass   | Inf           | 81.72M              | 75.802M            | 81.72M              | 75.682M            |
| 5530MHz_TnomVnom                        | Pass   | Inf           | 81.6M               | 75.802M            | 81.6M               | 75.562M            |
| 5610MHz_TnomVnom                        | Pass   | Inf           | 81.84M              | 75.802M            | 81.72M              | 75.802M            |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 75.825M             | 72.414M            | 75.975M             | 72.414M            |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.12M               | 3.758M             | 3.12M               | 3.678M             |
| 802.11ax HEW20_Nss2,(MCS0)_2TX          | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 21.84M              | 18.981M            | 21.48M              | 18.951M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 21.78M              | 19.01M             | 21.45M              | 19.01M             |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 21.81M              | 19.01M             | 21.45M              | 18.981M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 21.93M              | 19.01M             | 21.51M              | 19.01M             |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 21.93M              | 18.981M            | 21.57M              | 19.01M             |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 21.87M              | 18.981M            | 21.57M              | 19.01M             |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 15.885M             | 14.528M            | 15.645M             | 14.498M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 4.46M               | 4.538M             | 4.46M               | 4.558M             |
| 802.11ax HEW40_Nss2,(MCS0)_2TX          | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz_TnomVnom                        | Pass   | Inf           | 40.08M              | 37.661M            | 40.26M              | 37.481M            |
| 5310MHz_TnomVnom                        | Pass   | Inf           | 40.26M              | 37.601M            | 40.14M              | 37.541M            |



| Mode                                    | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|---|--------|------------|------------------|-----------------|------------------|-----------------|
| 5510MHz_TnomVnom                        | Pass   | Inf        | 40.08M           | 37.601M         | 39.96M           | 37.481M         |
| 5550MHz_TnomVnom                        | Pass   | Inf        | 40.08M           | 37.601M         | 40.14M           | 37.541M         |
| 5670MHz_TnomVnom                        | Pass   | Inf        | 40.02M           | 37.601M         | 40.08M           | 37.481M         |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 35.035M          | 33.688M         | 35.525M          | 33.653M         |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.74M            | 4.038M          | 3.76M            | 4.018M          |
| 802.11ax HEW80_Nss2,(MCS0)_2TX          | -      | -          | -                | -               | -                | -               |
| 5290MHz_TnomVnom                        | Pass   | Inf        | 81.36M           | 76.882M         | 81.6M            | 77.001M         |
| 5530MHz_TnomVnom                        | Pass   | Inf        | 81.36M           | 76.882M         | 81.48M           | 77.121M         |
| 5610MHz_TnomVnom                        | Pass   | Inf        | 81.48M           | 77.001M         | 81.48M           | 76.882M         |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf        | 75.3M            | 73.163M         | 76.05M           | 73.163M         |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k       | 3.78M            | 4.078M          | 3.72M            | 4.058M          |

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth;

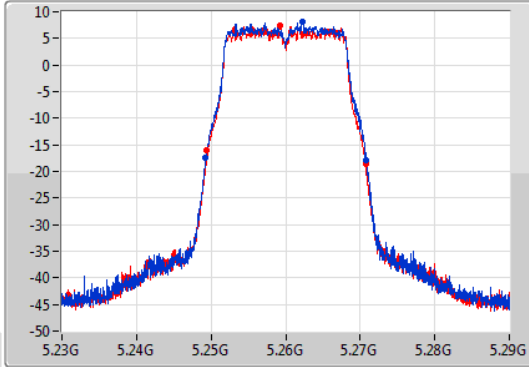
802.11a\_Nss1,(6Mbps)\_2TX

EBW

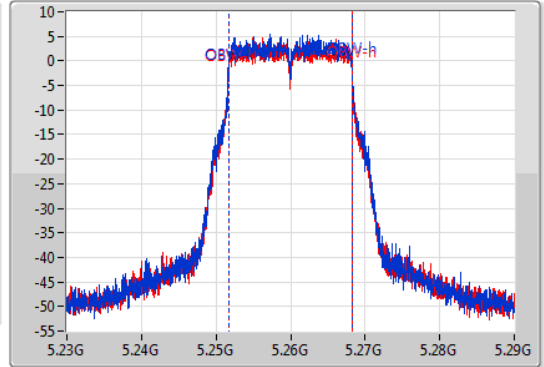
5260MHz

13/11/2019

CF: 5.26GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.26GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.51M   | 5.24929G    | 5.2708G     | 16.612M | 5.251664G  | 5.268276G  | Inf       | 1    |
| 21.39M   | 5.24935G    | 5.27074G    | 16.612M | 5.251664G  | 5.268276G  | Inf       | 2    |

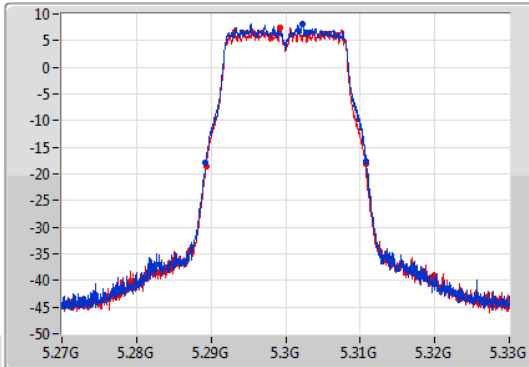
802.11a\_Nss1,(6Mbps)\_2TX

EBW

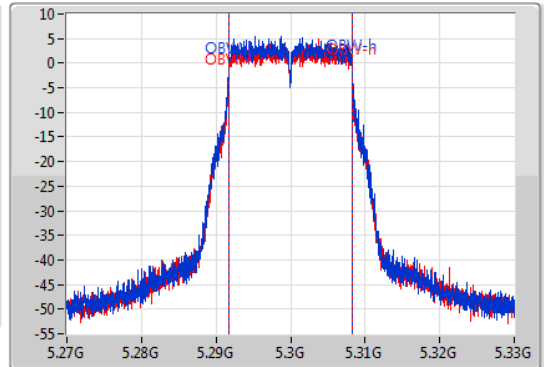
5300MHz

13/11/2019

CF: 5.3GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.3GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.57M   | 5.28923G    | 5.3108G     | 16.612M | 5.291664G  | 5.308276G  | Inf       | 1    |
| 21.36M   | 5.28935G    | 5.31071G    | 16.612M | 5.291664G  | 5.308276G  | Inf       | 2    |



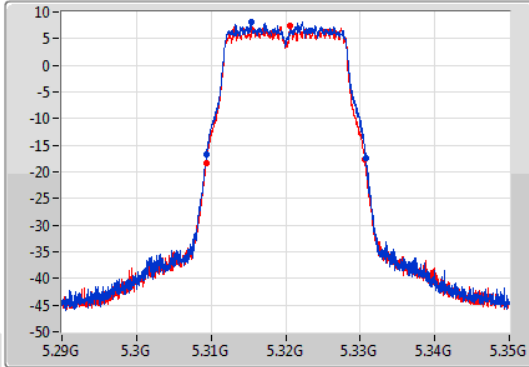
802.11a\_Nss1,(6Mbps)\_2TX

EBW

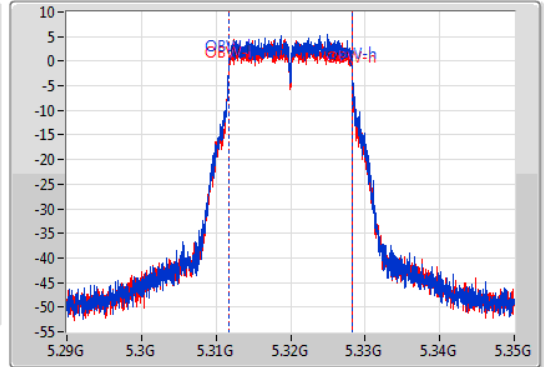
5320MHz

13/11/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.48M   | 5.30932G    | 5.3308G     | 16.642M | 5.311664G  | 5.328306G  | Inf       | 1    |
| 21.3M    | 5.30935G    | 5.33065G    | 16.612M | 5.311664G  | 5.328276G  | Inf       | 2    |

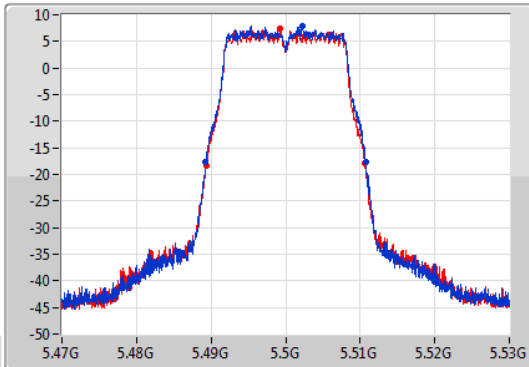
802.11a\_Nss1,(6Mbps)\_2TX

EBW

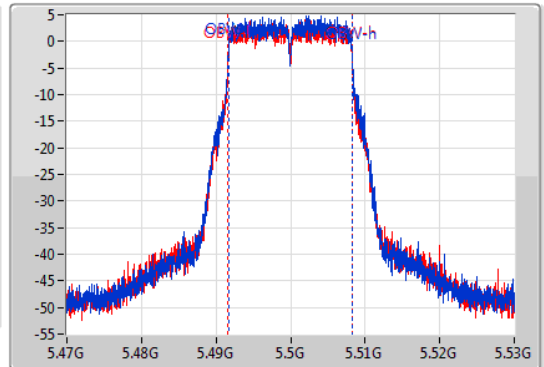
5500MHz

13/11/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.57M   | 5.4892G     | 5.51077G    | 16.612M | 5.491664G  | 5.508276G  | Inf       | 1    |
| 21.33M   | 5.48932G    | 5.51065G    | 16.612M | 5.491634G  | 5.508246G  | Inf       | 2    |

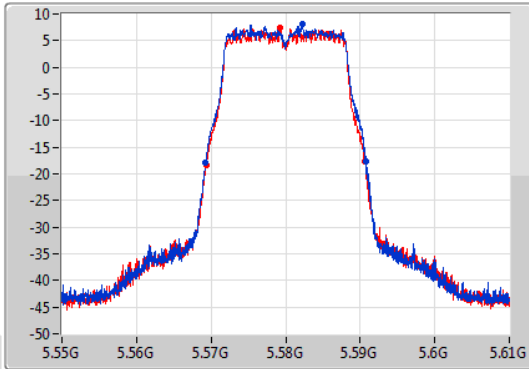
802.11a\_Nss1,(6Mbps)\_2TX

EBW

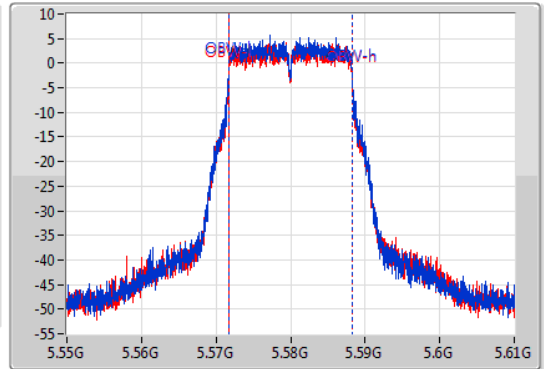
5580MHz

13/11/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.57M   | 5.56923G    | 5.5908G     | 16.612M | 5.571664G  | 5.588276G  | Inf       | 1    |
| 21.33M   | 5.56935G    | 5.59068G    | 16.612M | 5.571664G  | 5.588276G  | Inf       | 2    |

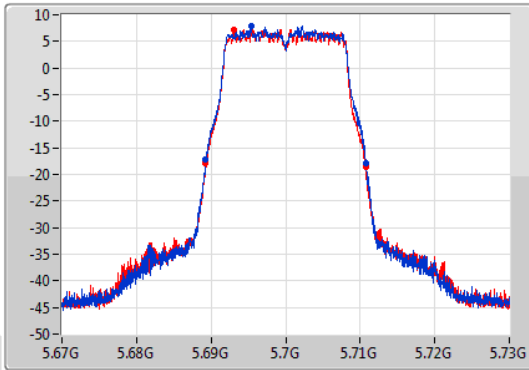
802.11a\_Nss1,(6Mbps)\_2TX

EBW

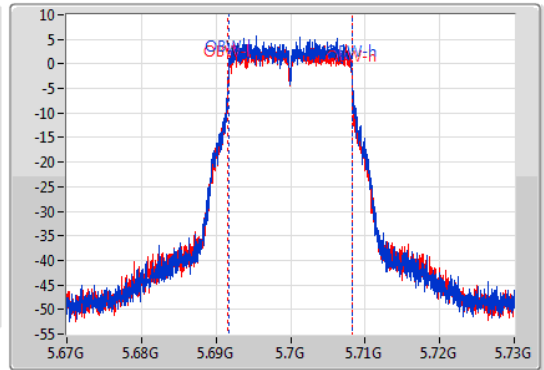
5700MHz

13/11/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.51M   | 5.68929G    | 5.7108G     | 16.612M | 5.691664G  | 5.708276G  | Inf       | 1    |
| 21.42M   | 5.68929G    | 5.71071G    | 16.612M | 5.691634G  | 5.708246G  | Inf       | 2    |

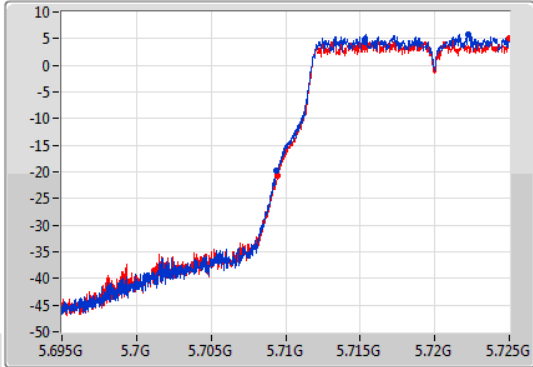
802.11a\_Nss1,(6Mbps)\_2TX

EBW

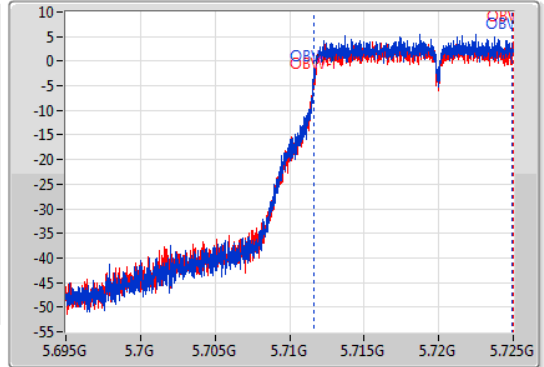
5720MHz Straddle 5.47-5.725GHz

13/11/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 15.585M  | 5.709415G   | 5.725G      | 13.328M | 5.711604G  | 5.724933G  | Inf       | 1    |
| 15.555M  | 5.709445G   | 5.725G      | 13.373M | 5.711589G  | 5.724963G  | Inf       | 2    |

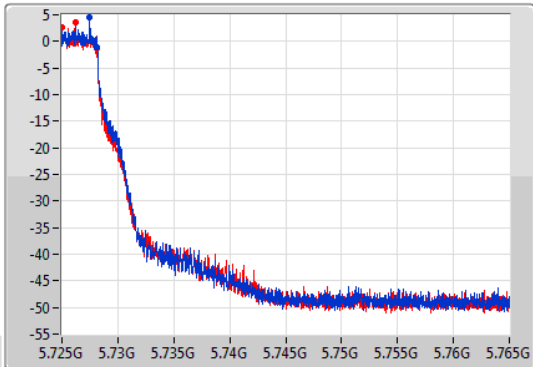
802.11a\_Nss1,(6Mbps)\_2TX

EBW

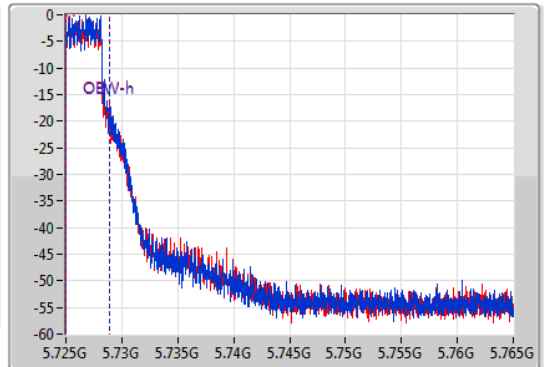
5720MHz Straddle 5.725-5.85GHz

13/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.14M   | 5.725G     | 5.72814G   | 3.938M  | 5.72501G   | 5.728948G  | 500k      | 1    |
| 3.14M   | 5.725G     | 5.72814G   | 3.918M  | 5.72501G   | 5.728928G  | 500k      | 2    |

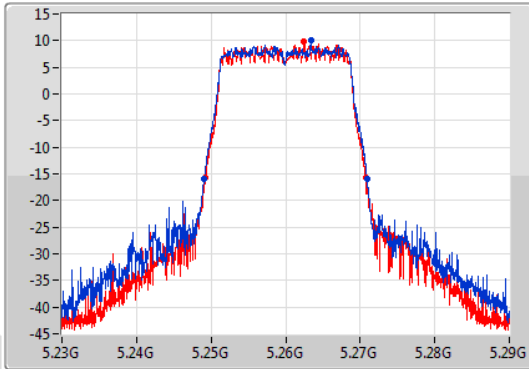
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

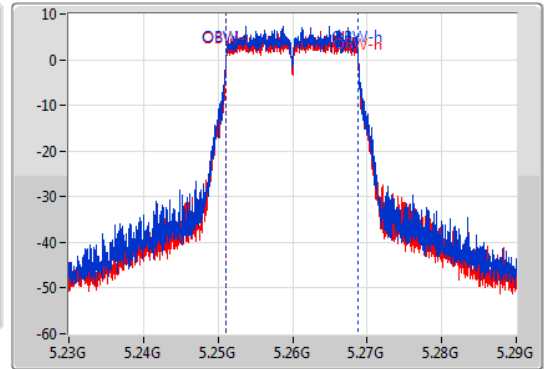
5260MHz

07/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.87M   | 5.24908G    | 5.27095G    | 17.781M | 5.251064G  | 5.268846G  | Inf       | 1    |
| 21.57M   | 5.24917G    | 5.27074G    | 17.751M | 5.251094G  | 5.268846G  | Inf       | 2    |

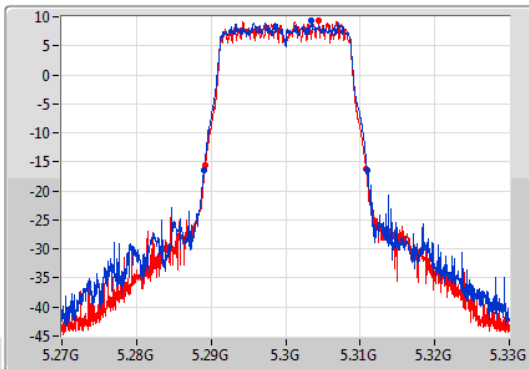
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

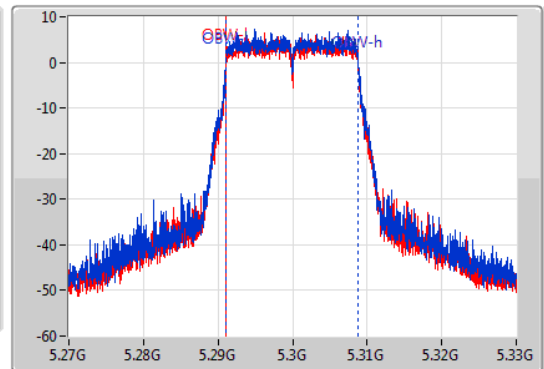
5300MHz

07/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



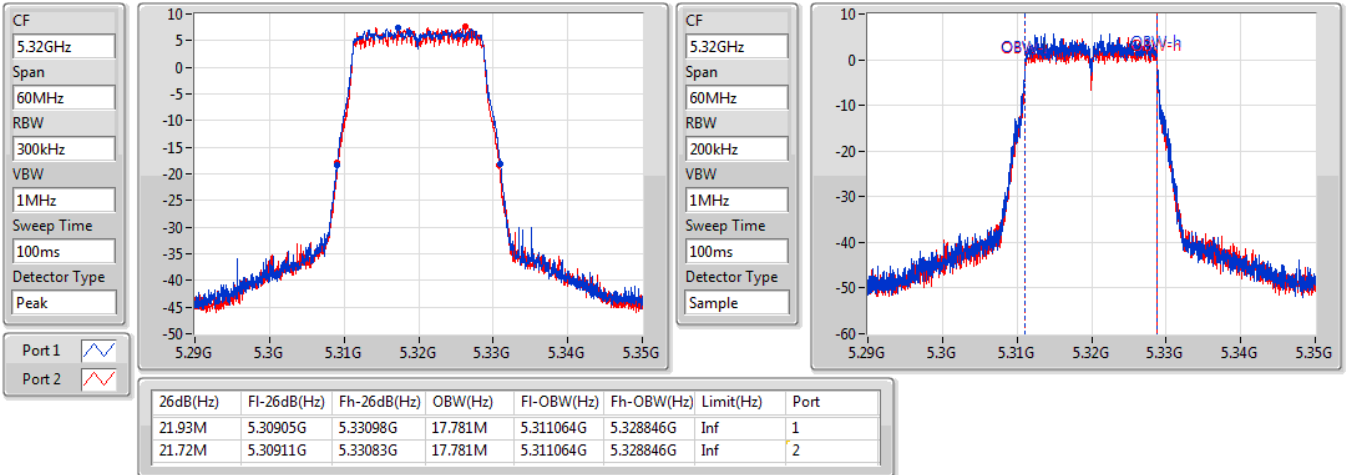
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.9M    | 5.28905G    | 5.31095G    | 17.781M | 5.291064G  | 5.308846G  | Inf       | 1    |
| 21.66M   | 5.28914G    | 5.3108G     | 17.721M | 5.291094G  | 5.308816G  | Inf       | 2    |

802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5320MHz

07/11/2019

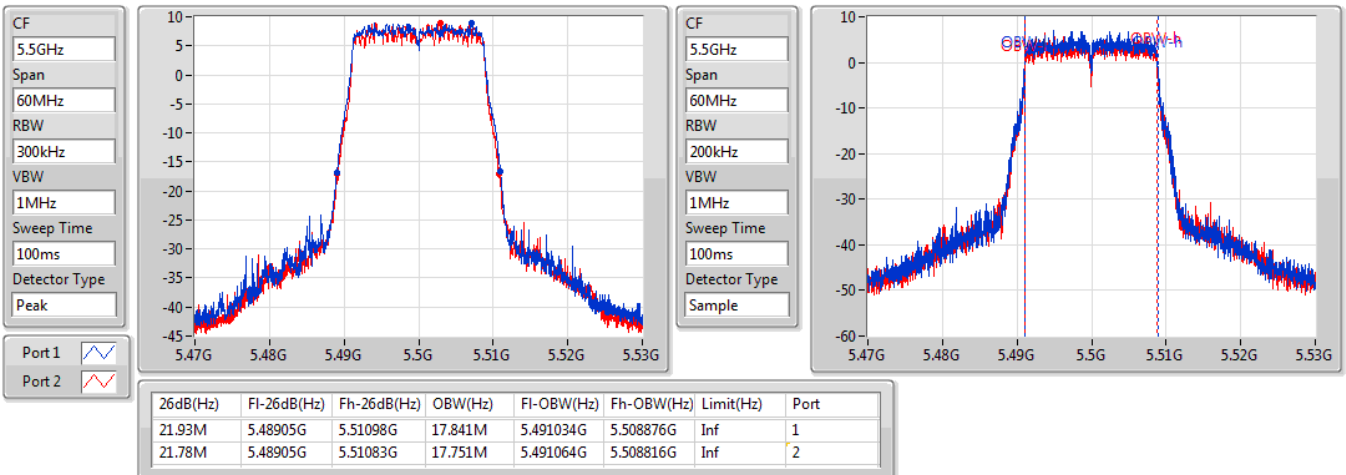


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5500MHz

07/11/2019



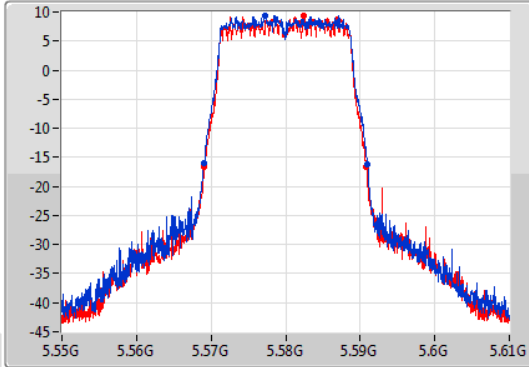
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

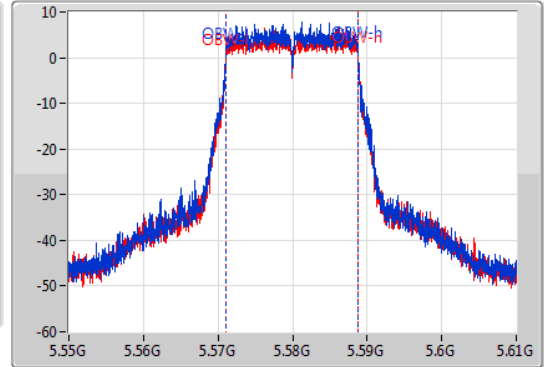
5580MHz

07/11/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.93M   | 5.56905G    | 5.59098G    | 17.751M | 5.571064G  | 5.588816G  | Inf       | 1    |
| 21.78M   | 5.56905G    | 5.59083G    | 17.811M | 5.571034G  | 5.588846G  | Inf       | 2    |

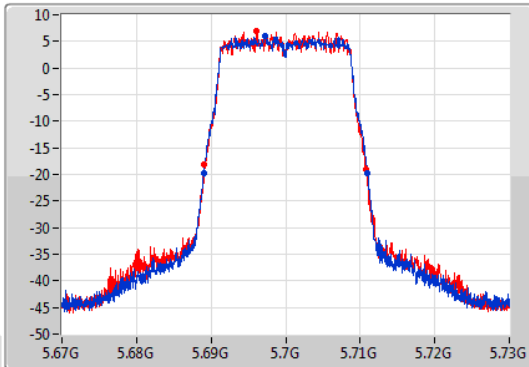
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

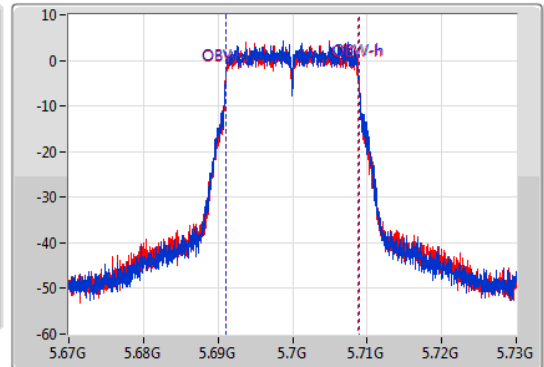
5700MHz

07/11/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.96M   | 5.68905G    | 5.71101G    | 17.811M | 5.691064G  | 5.708876G  | Inf       | 1    |
| 21.69M   | 5.68911G    | 5.7108G     | 17.781M | 5.691034G  | 5.708816G  | Inf       | 2    |

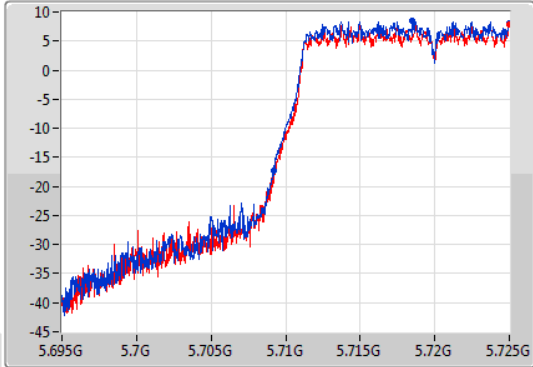
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

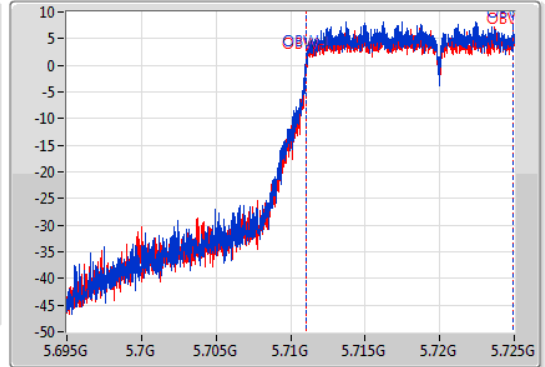
5720MHz Straddle 5.47-5.725GHz

07/11/2019

CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 15.795M  | 5.709205G   | 5.725G      | 13.928M | 5.711004G  | 5.724933G  | Inf       | 1    |
| 15.795M  | 5.709205G   | 5.725G      | 13.928M | 5.711004G  | 5.724933G  | Inf       | 2    |

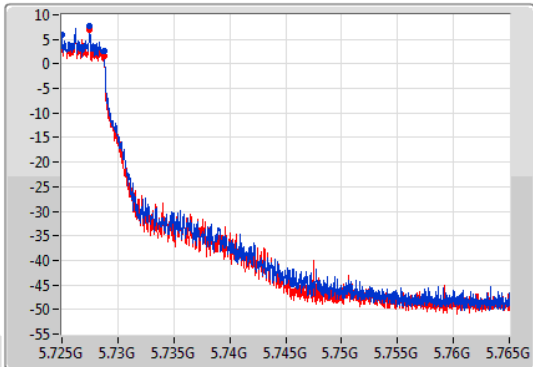
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

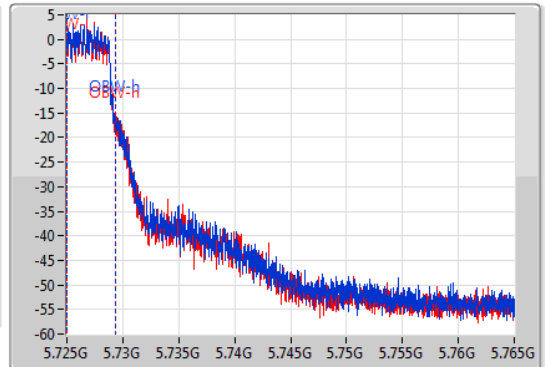
5720MHz Straddle 5.725-5.85GHz

07/11/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



CF: 5.745GHz  
 Span: 40MHz  
 RBW: 50kHz  
 VBW: 200kHz  
 Sweep Time: 100ms  
 Detector Type: Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.74M   | 5.725G     | 5.72874G   | 4.298M  | 5.72501G   | 5.729308G  | 500k      | 1    |
| 3.76M   | 5.725G     | 5.72876G   | 4.298M  | 5.72503G   | 5.729328G  | 500k      | 2    |

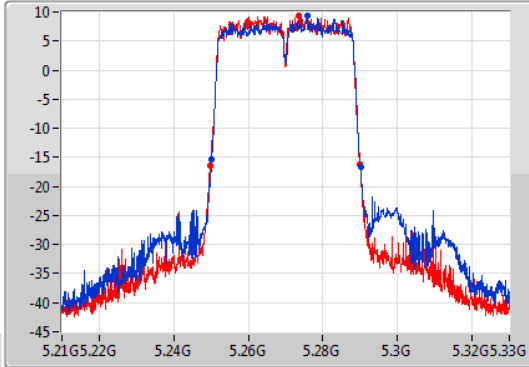
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

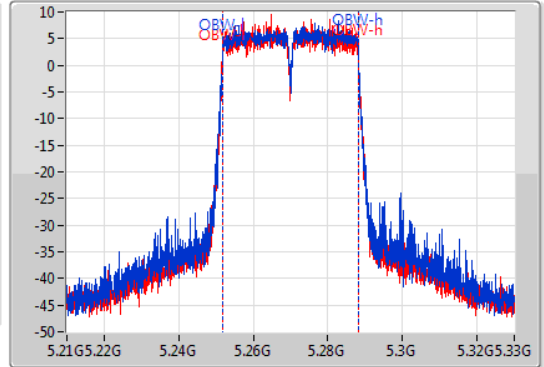
5270MHz

07/11/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.02M   | 5.25008G    | 5.2901G     | 36.222M | 5.251889G  | 5.288111G  | Inf       | 1    |
| 40.26M   | 5.24978G    | 5.29004G    | 36.282M | 5.251769G  | 5.288051G  | Inf       | 2    |

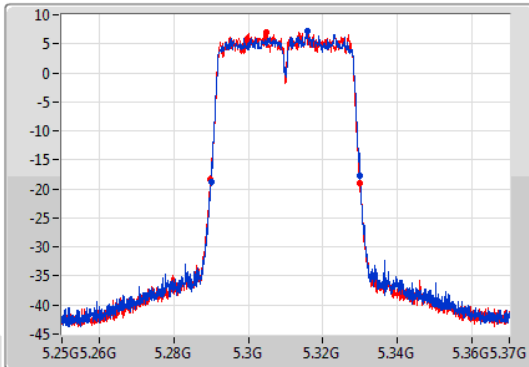
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

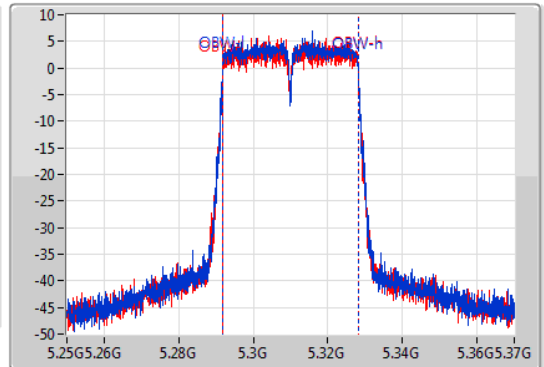
5310MHz

07/11/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.02M   | 5.28996G    | 5.32998G    | 36.282M | 5.291829G  | 5.328111G  | Inf       | 1    |
| 40.14M   | 5.28984G    | 5.32998G    | 36.282M | 5.291829G  | 5.328111G  | Inf       | 2    |



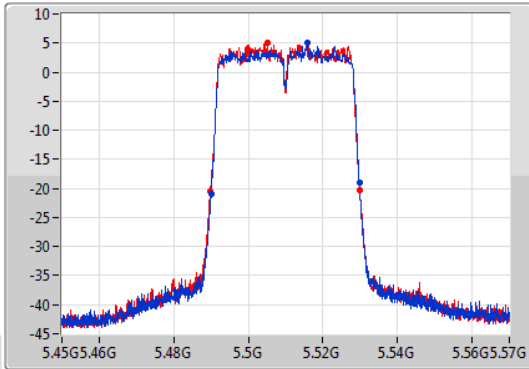
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

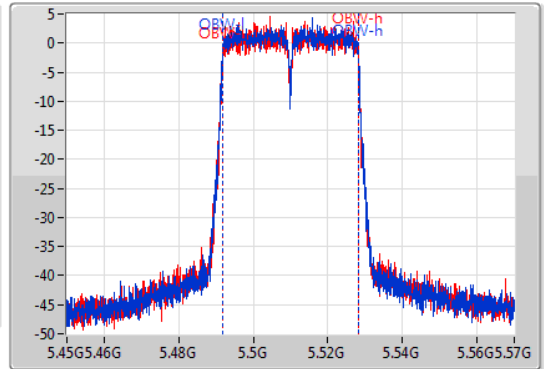
5510MHz

07/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 39.9M    | 5.49008G    | 5.52998G    | 36.222M | 5.491829G  | 5.528051G  | Inf       | 1    |
| 40.08M   | 5.48984G    | 5.52992G    | 36.222M | 5.491829G  | 5.528051G  | Inf       | 2    |

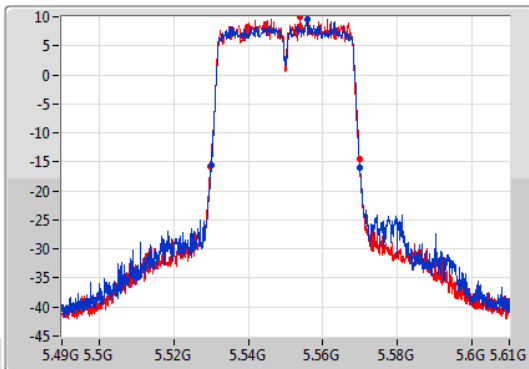
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

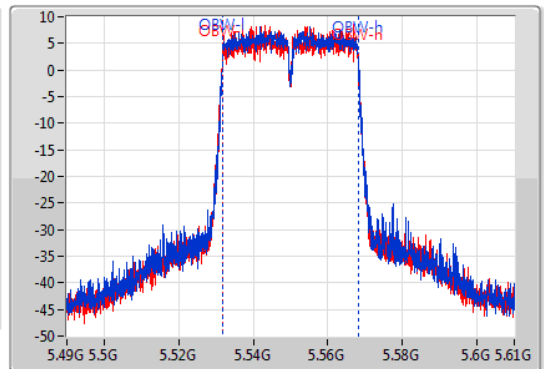
5550MHz

07/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 39.96M   | 5.52996G    | 5.56992G    | 36.222M | 5.531829G  | 5.568051G  | Inf       | 1    |
| 39.96M   | 5.52984G    | 5.5698G     | 36.342M | 5.531769G  | 5.568111G  | Inf       | 2    |

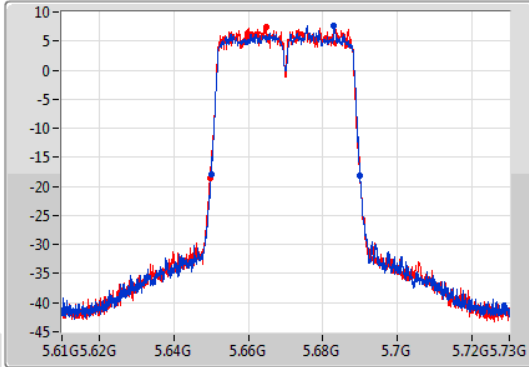
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

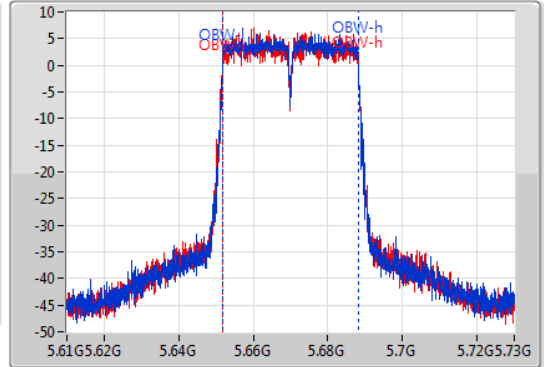
5670MHz

07/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 39.9M    | 5.65008G    | 5.68998G    | 36.282M | 5.651829G  | 5.688111G  | Inf       | 1    |
| 40.26M   | 5.64972G    | 5.68998G    | 36.342M | 5.651769G  | 5.688111G  | Inf       | 2    |

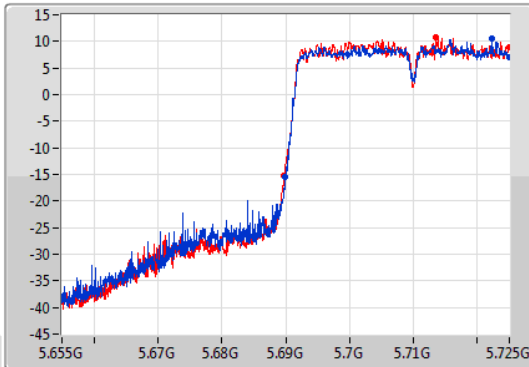
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

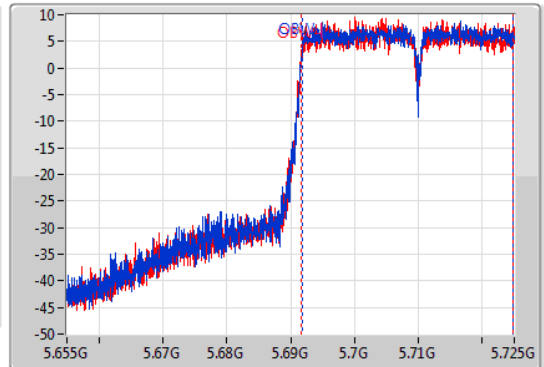
5710MHz Straddle 5.47-5.725GHz

07/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 35.035M  | 5.689965G   | 5.725G      | 33.058M | 5.691784G  | 5.724843G  | Inf       | 1    |
| 35.245M  | 5.689755G   | 5.725G      | 33.093M | 5.691749G  | 5.724843G  | Inf       | 2    |

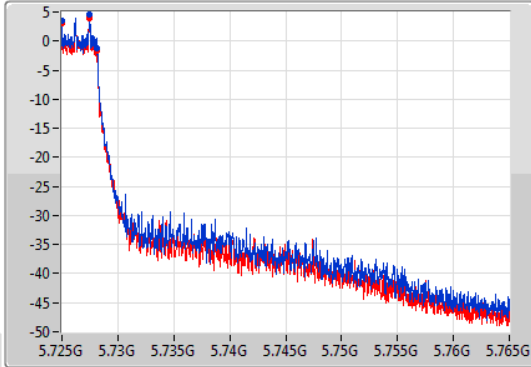
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

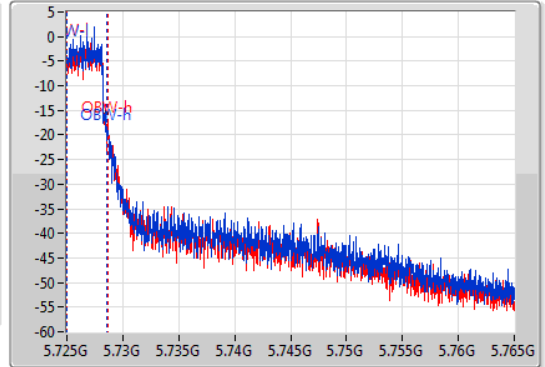
5710MHz Straddle 5.725-5.85GHz

07/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.14M   | 5.725G     | 5.72814G   | 3.518M  | 5.72503G   | 5.728548G  | 500k      | 1    |
| 3.14M   | 5.725G     | 5.72814G   | 3.638M  | 5.72501G   | 5.728648G  | 500k      | 2    |

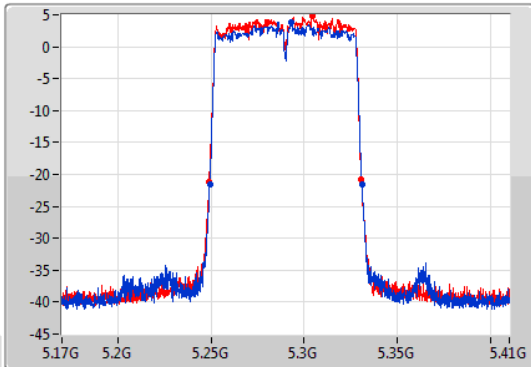
802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

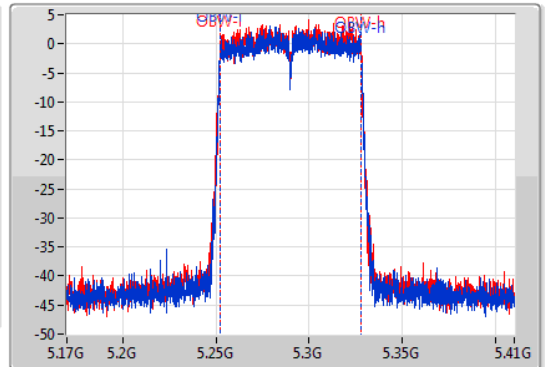
5290MHz

07/11/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.72M   | 5.24932G    | 5.33104G    | 75.802M | 5.252099G  | 5.327901G  | Inf       | 1    |
| 81.72M   | 5.24896G    | 5.33068G    | 75.682M | 5.252099G  | 5.327781G  | Inf       | 2    |

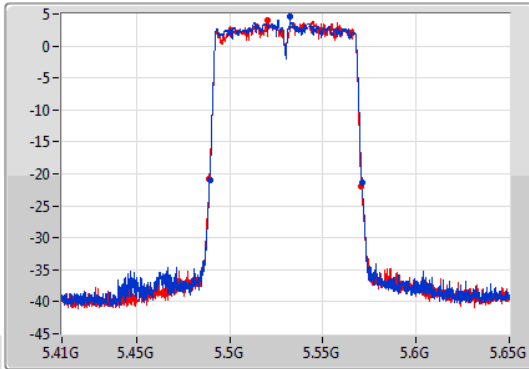
802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

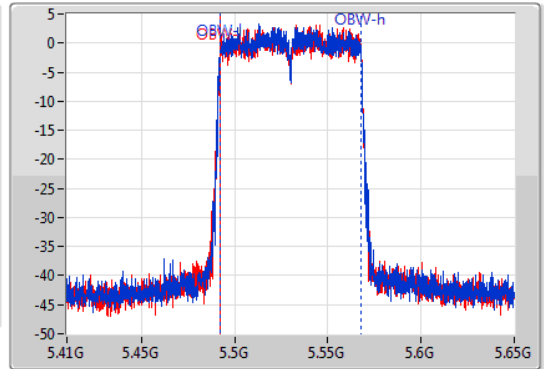
5530MHz

07/11/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.6M    | 5.48932G    | 5.57092G    | 75.802M | 5.491979G  | 5.567781G  | Inf       | 1    |
| 81.6M    | 5.48908G    | 5.57068G    | 75.562M | 5.492219G  | 5.567781G  | Inf       | 2    |

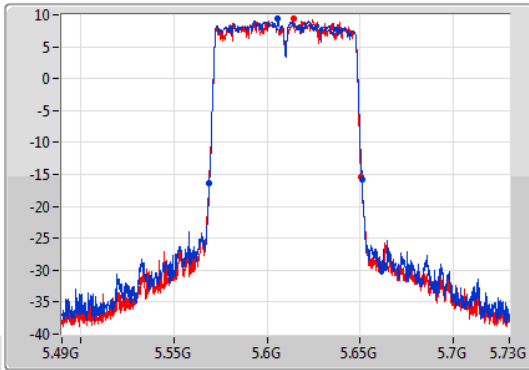
802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

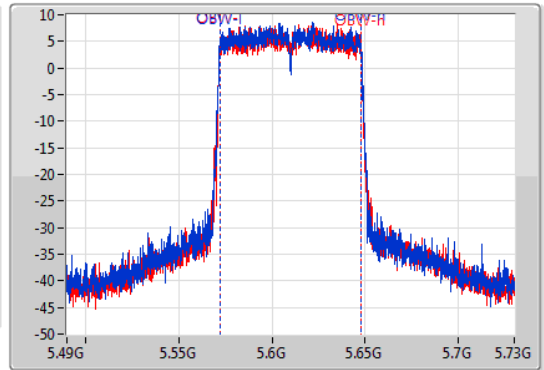
5610MHz

07/11/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



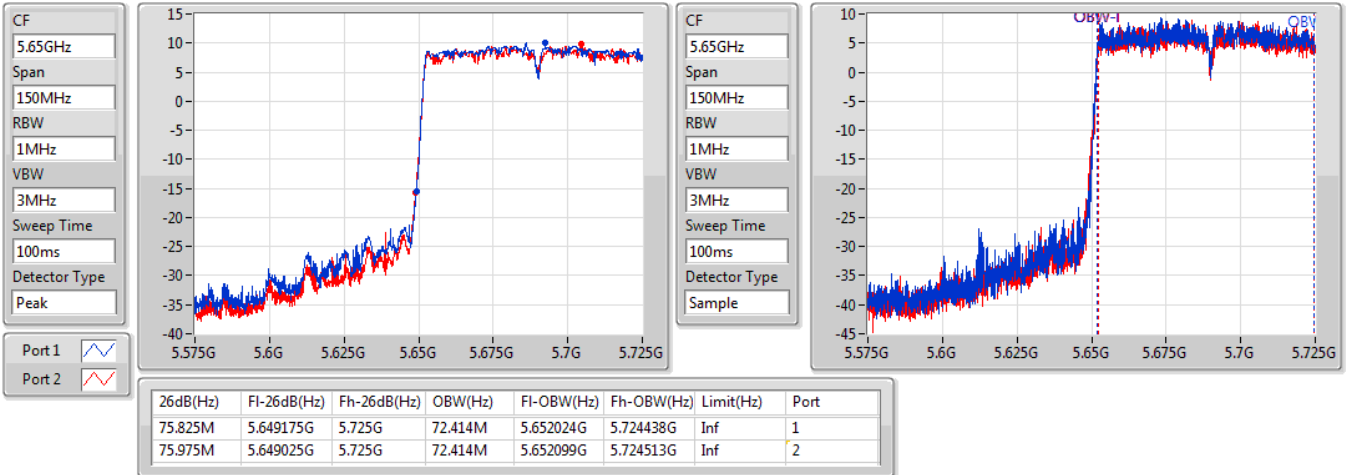
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.84M   | 5.5692G     | 5.65104G    | 75.802M | 5.571979G  | 5.647781G  | Inf       | 1    |
| 81.72M   | 5.56896G    | 5.65068G    | 75.802M | 5.571979G  | 5.647781G  | Inf       | 2    |

802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

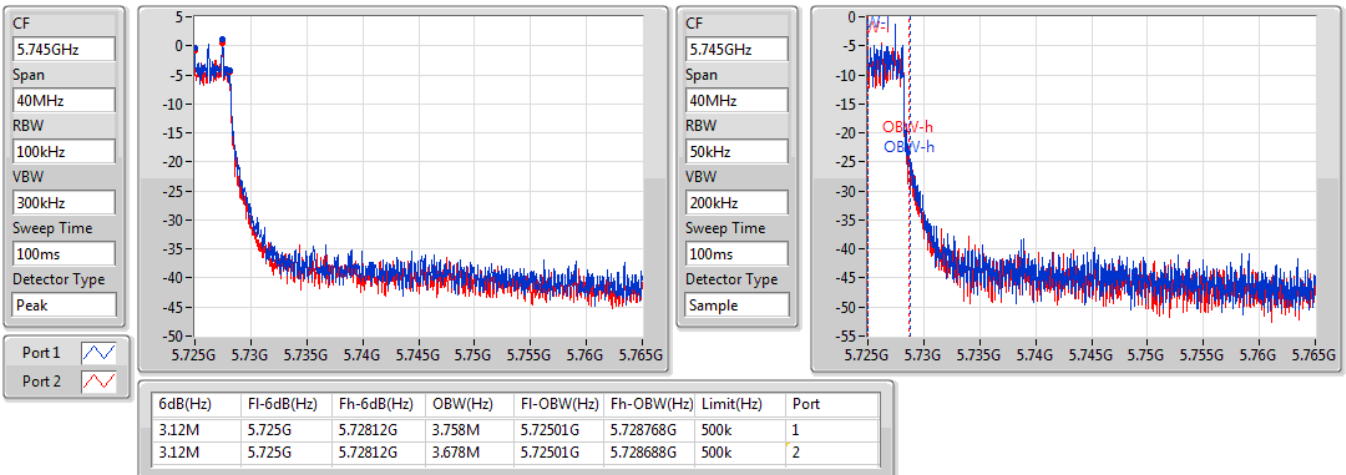


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019

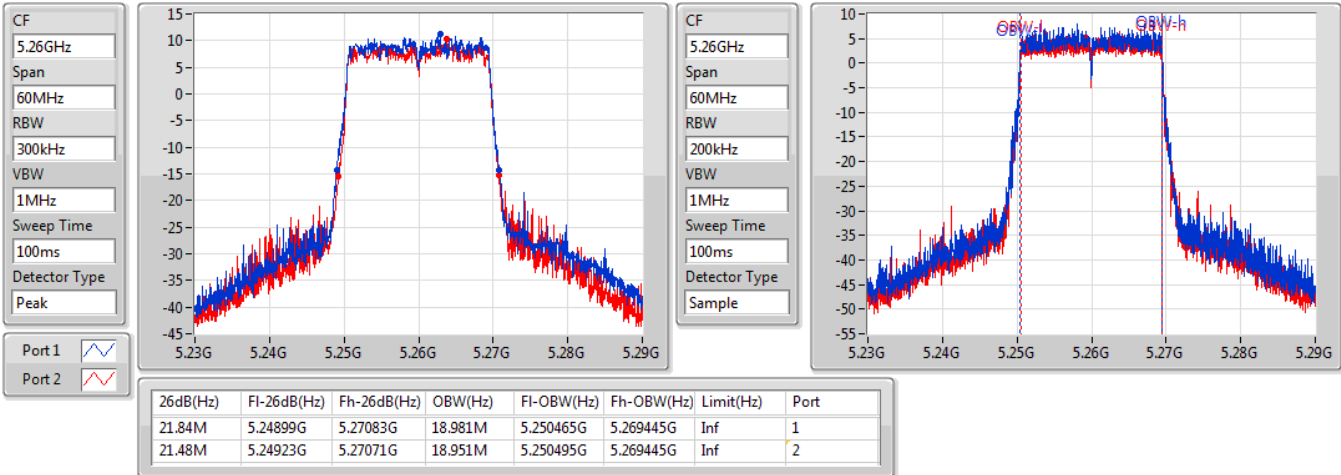


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5260MHz

07/11/2019

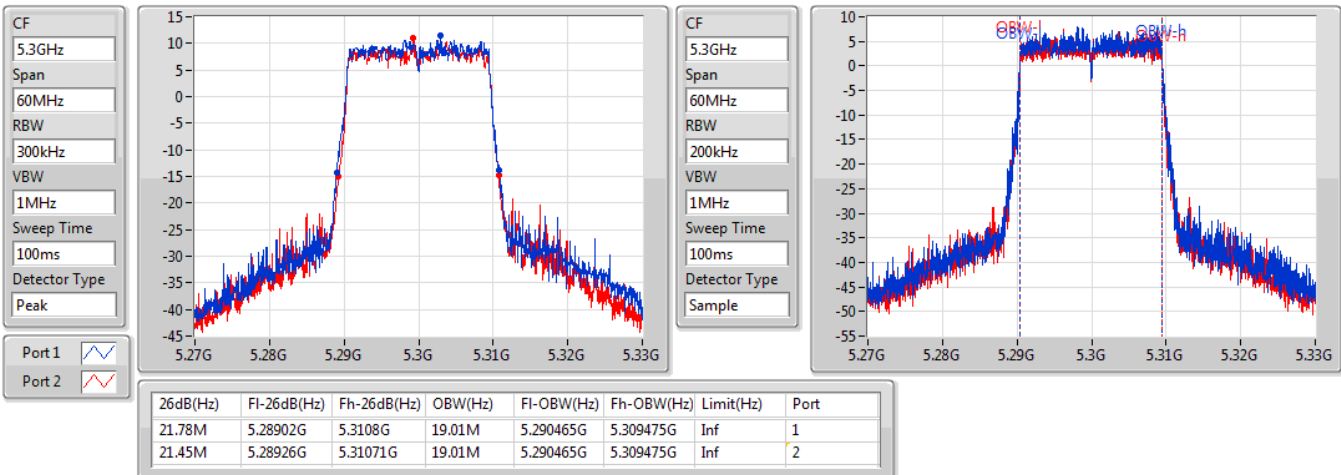


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5300MHz

07/11/2019



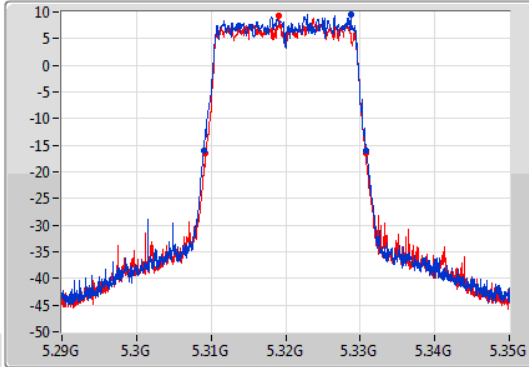
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

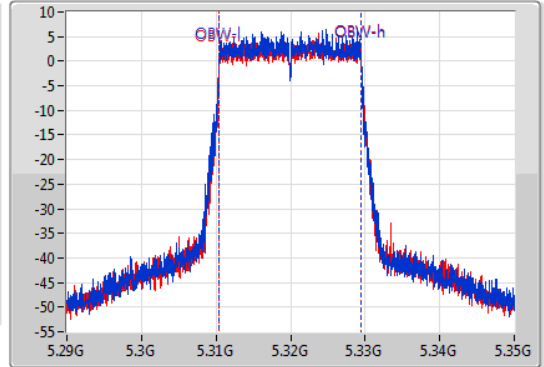
5320MHz

07/11/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.81M   | 5.30899G    | 5.3308G     | 19.01M  | 5.310465G  | 5.329475G  | Inf       | 1    |
| 21.45M   | 5.30929G    | 5.33074G    | 18.981M | 5.310465G  | 5.329445G  | Inf       | 2    |

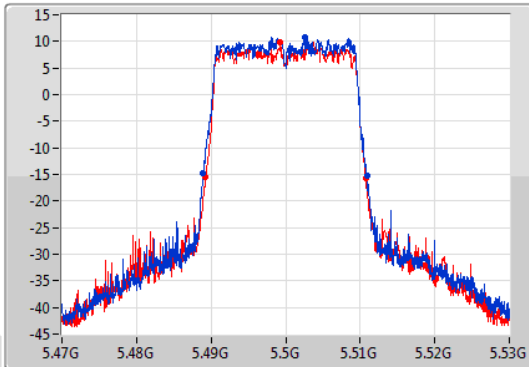
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

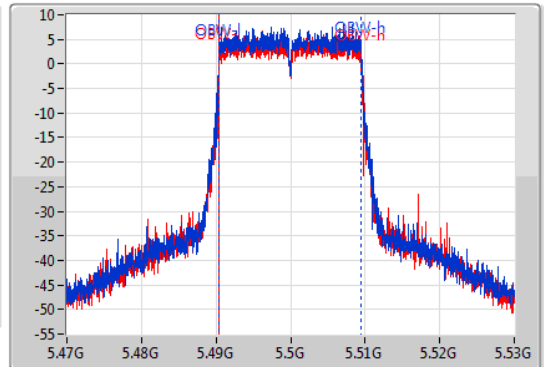
5500MHz

07/11/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.93M   | 5.48896G    | 5.51089G    | 19.01M  | 5.490465G  | 5.509475G  | Inf       | 1    |
| 21.51M   | 5.48926G    | 5.51077G    | 19.01M  | 5.490465G  | 5.509475G  | Inf       | 2    |

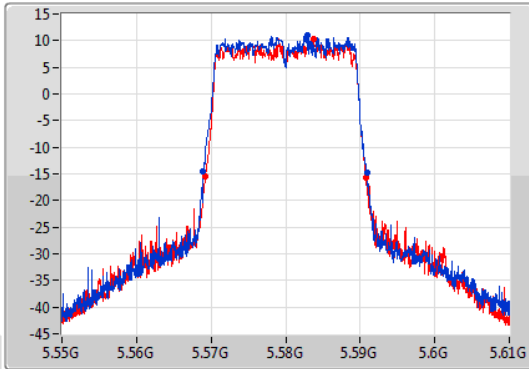
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

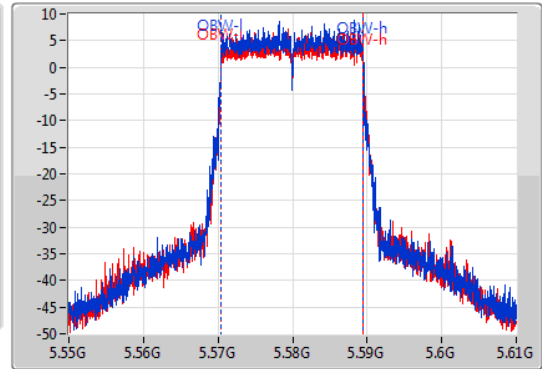
5580MHz

07/11/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.93M   | 5.56896G    | 5.59089G    | 18.981M | 5.570465G  | 5.589445G  | Inf       | 1    |
| 21.57M   | 5.56923G    | 5.5908G     | 19.01M  | 5.570465G  | 5.589475G  | Inf       | 2    |

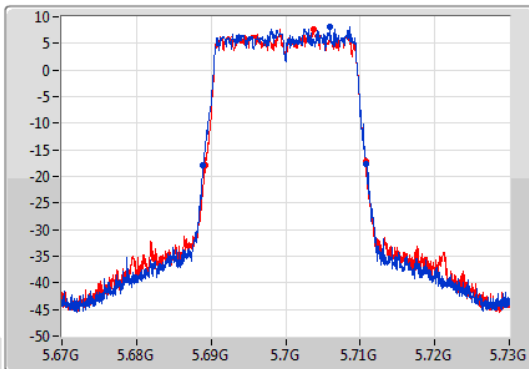
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

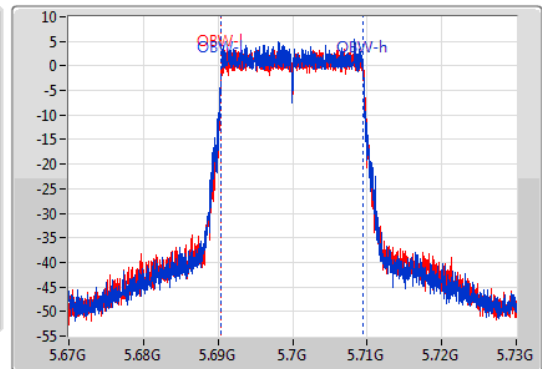
5700MHz

07/11/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.87M   | 5.68896G    | 5.71083G    | 18.981M | 5.690465G  | 5.709445G  | Inf       | 1    |
| 21.57M   | 5.68923G    | 5.7108G     | 19.01M  | 5.690465G  | 5.709475G  | Inf       | 2    |



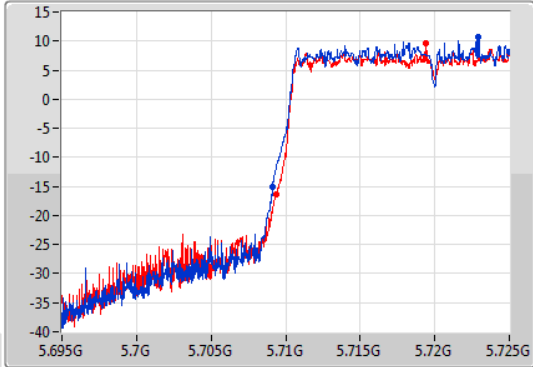
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

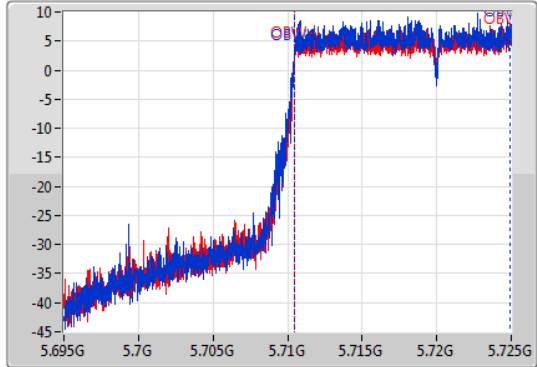
5720MHz Straddle 5.47-5.725GHz

07/11/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 15.885M  | 5.709115G   | 5.725G      | 14.528M | 5.71042G   | 5.724948G  | Inf       | 1    |
| 15.645M  | 5.709355G   | 5.725G      | 14.498M | 5.71045G   | 5.724948G  | Inf       | 2    |

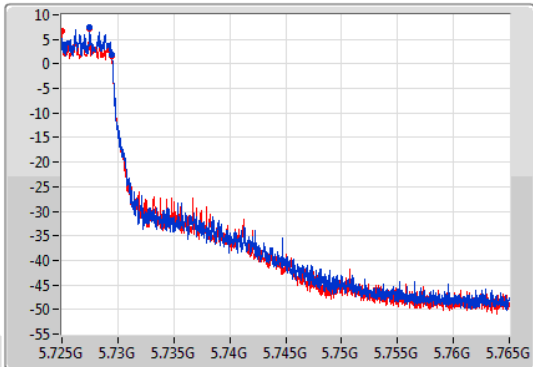
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

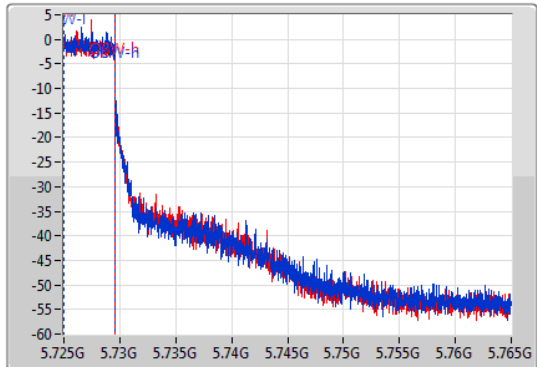
5720MHz Straddle 5.725-5.85GHz

07/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 4.46M   | 5.725G     | 5.72946G   | 4.538M  | 5.72503G   | 5.729568G  | 500k      | 1    |
| 4.46M   | 5.725G     | 5.72946G   | 4.558M  | 5.72501G   | 5.729568G  | 500k      | 2    |

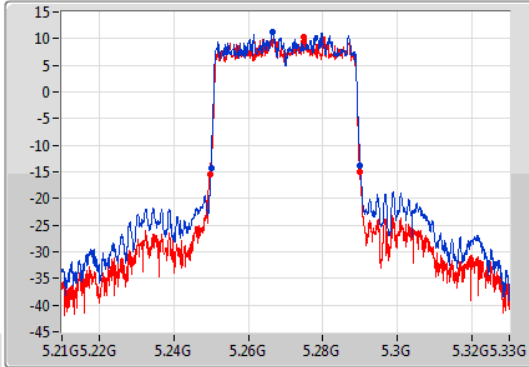
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

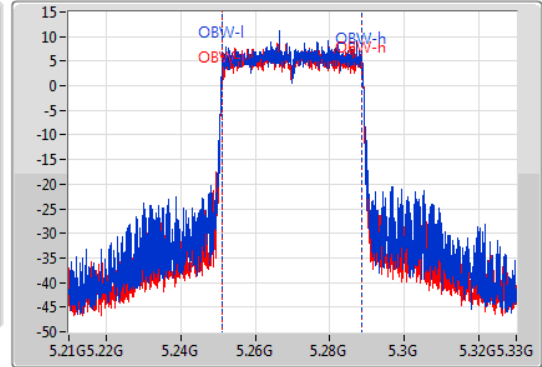
5270MHz

07/11/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.08M   | 5.24996G    | 5.29004G    | 37.661M | 5.251049G  | 5.288711G  | Inf       | 1    |
| 40.26M   | 5.24966G    | 5.28992G    | 37.481M | 5.251229G  | 5.288711G  | Inf       | 2    |

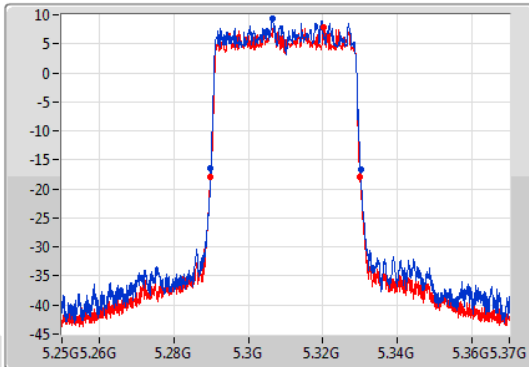
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

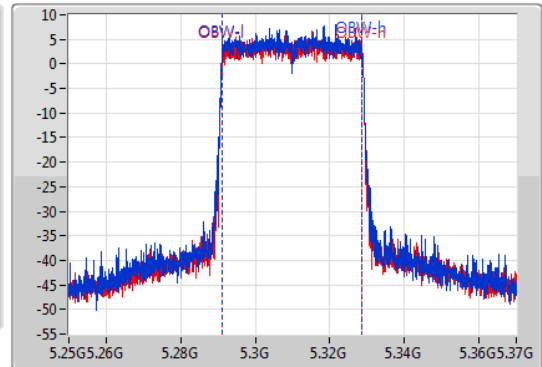
5310MHz

07/11/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.26M   | 5.28984G    | 5.3301G     | 37.601M | 5.291109G  | 5.328711G  | Inf       | 1    |
| 40.14M   | 5.28984G    | 5.32998G    | 37.541M | 5.291169G  | 5.328711G  | Inf       | 2    |

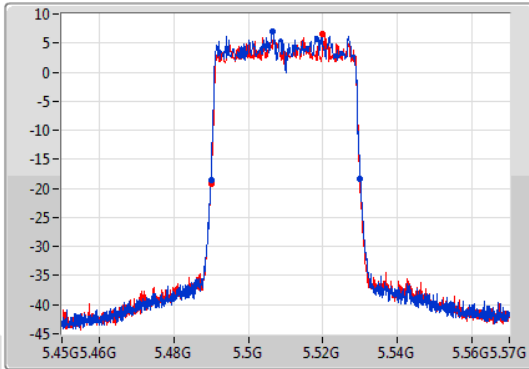
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

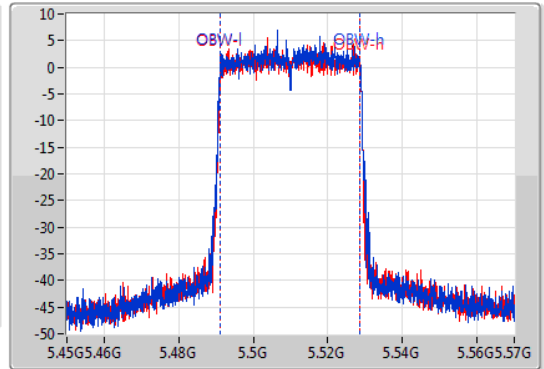
5510MHz

07/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.08M   | 5.48996G    | 5.53004G    | 37.601M | 5.491109G  | 5.528711G  | Inf       | 1    |
| 39.96M   | 5.48996G    | 5.52992G    | 37.481M | 5.491229G  | 5.528711G  | Inf       | 2    |

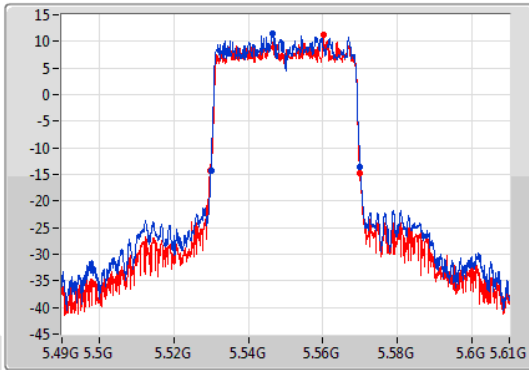
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

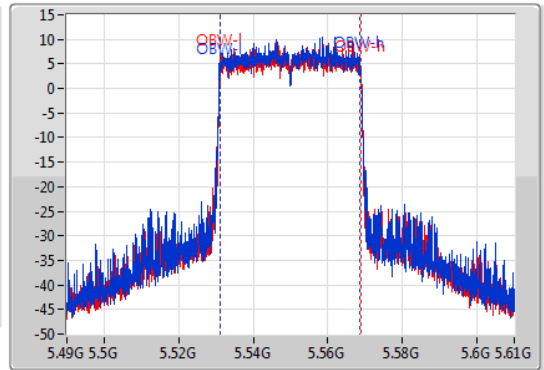
5550MHz

07/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.08M   | 5.52996G    | 5.57004G    | 37.601M | 5.531109G  | 5.568711G  | Inf       | 1    |
| 40.14M   | 5.52978G    | 5.56992G    | 37.541M | 5.531229G  | 5.568711G  | Inf       | 2    |

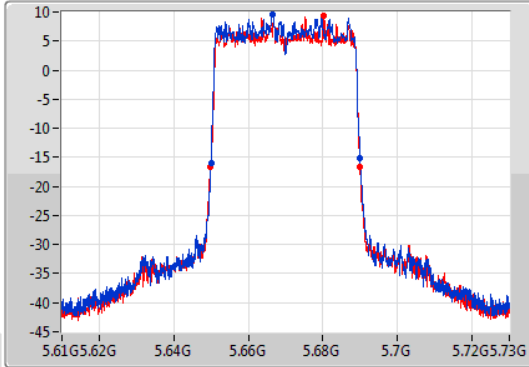
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

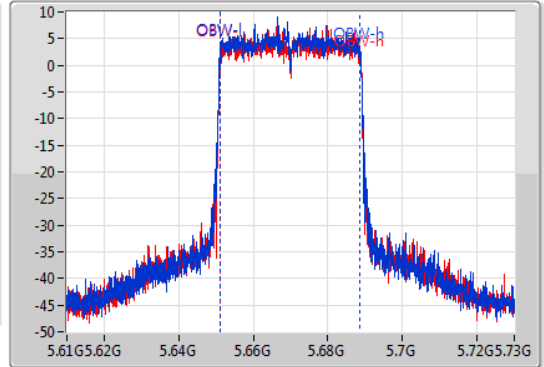
5670MHz

07/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.02M   | 5.64996G    | 5.68998G    | 37.601M | 5.651109G  | 5.688711G  | Inf       | 1    |
| 40.08M   | 5.64984G    | 5.68992G    | 37.481M | 5.651229G  | 5.688711G  | Inf       | 2    |

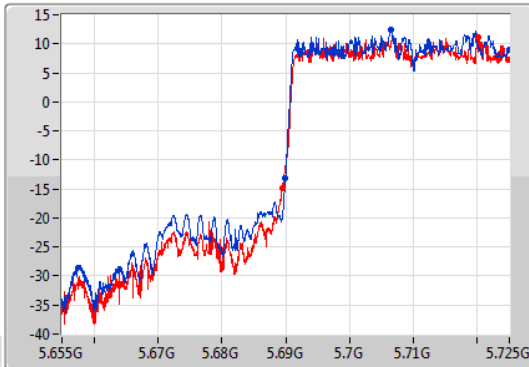
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

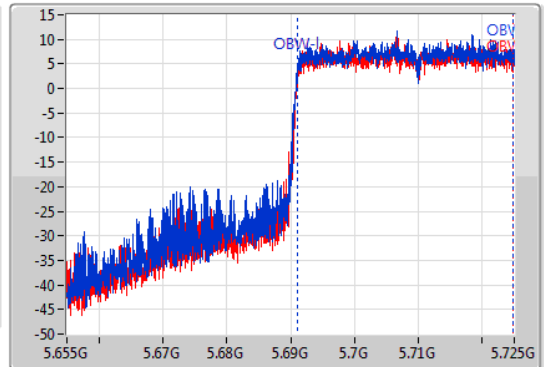
5710MHz Straddle 5.47-5.725GHz

07/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 35.035M  | 5.689965G   | 5.725G      | 33.688M | 5.691119G  | 5.724808G  | Inf       | 1    |
| 35.525M  | 5.689475G   | 5.725G      | 33.653M | 5.691154G  | 5.724808G  | Inf       | 2    |

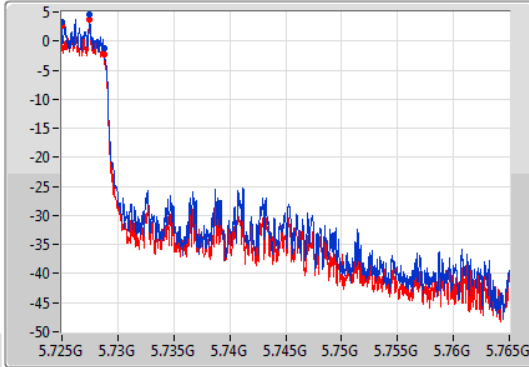
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

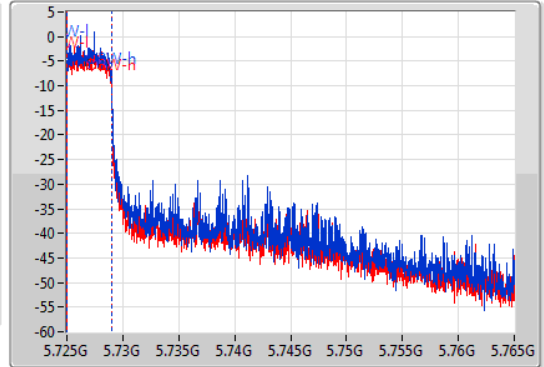
5710MHz Straddle 5.725-5.85GHz

07/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 3.74M   | 5.725G     | 5.72874G   | 4.038M  | 5.72501G   | 5.729048G  | 500k      | 1    |
| 3.76M   | 5.725G     | 5.72876G   | 4.018M  | 5.72503G   | 5.729048G  | 500k      | 2    |

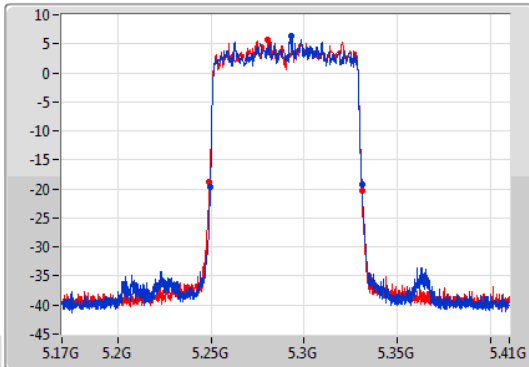
802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

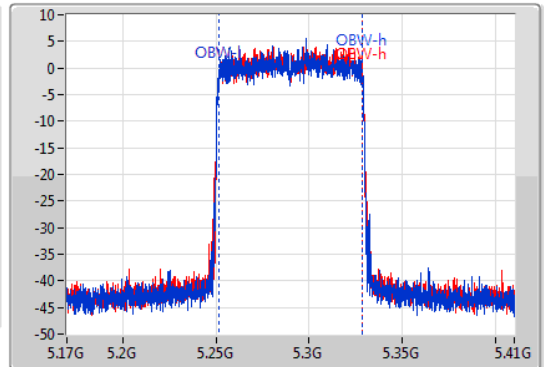
5290MHz

07/11/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



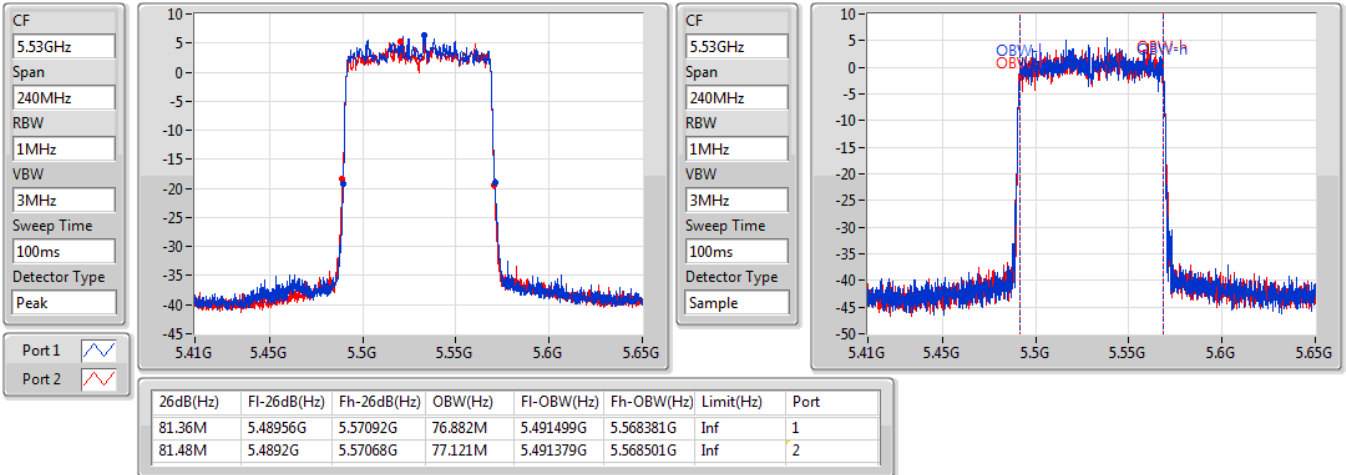
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.36M   | 5.24956G    | 5.33092G    | 76.882M | 5.251499G  | 5.328381G  | Inf       | 1    |
| 81.6M    | 5.2492G     | 5.3308G     | 77.001M | 5.251499G  | 5.328501G  | Inf       | 2    |

802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5530MHz

07/11/2019

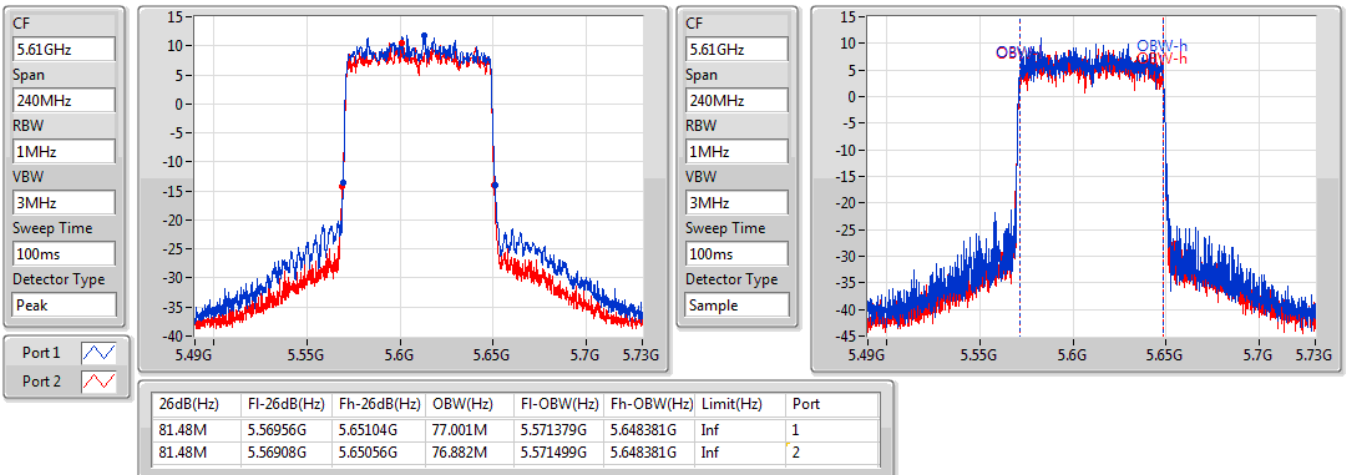


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5610MHz

07/11/2019

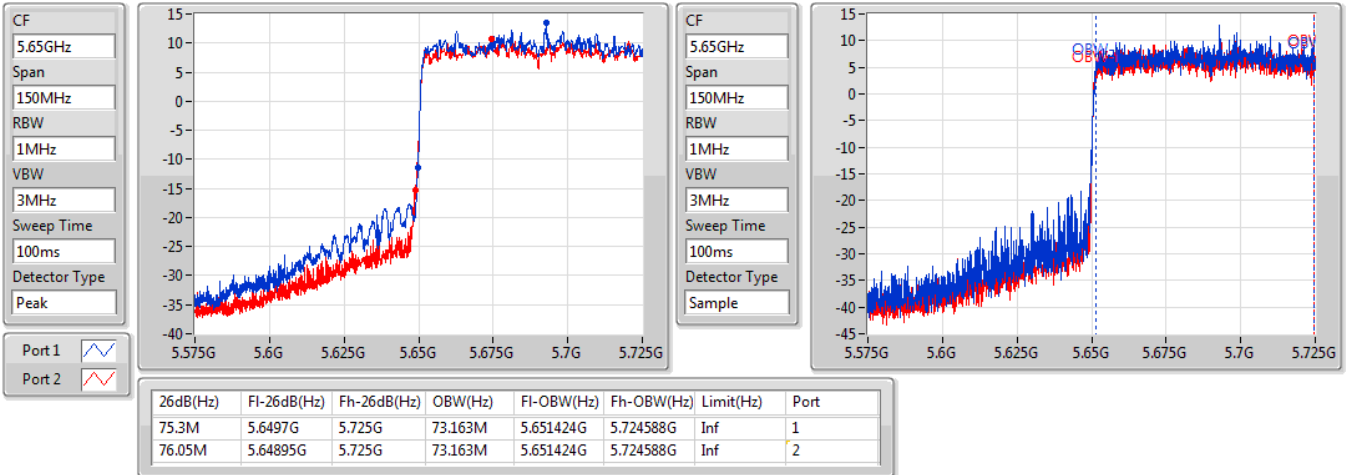


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

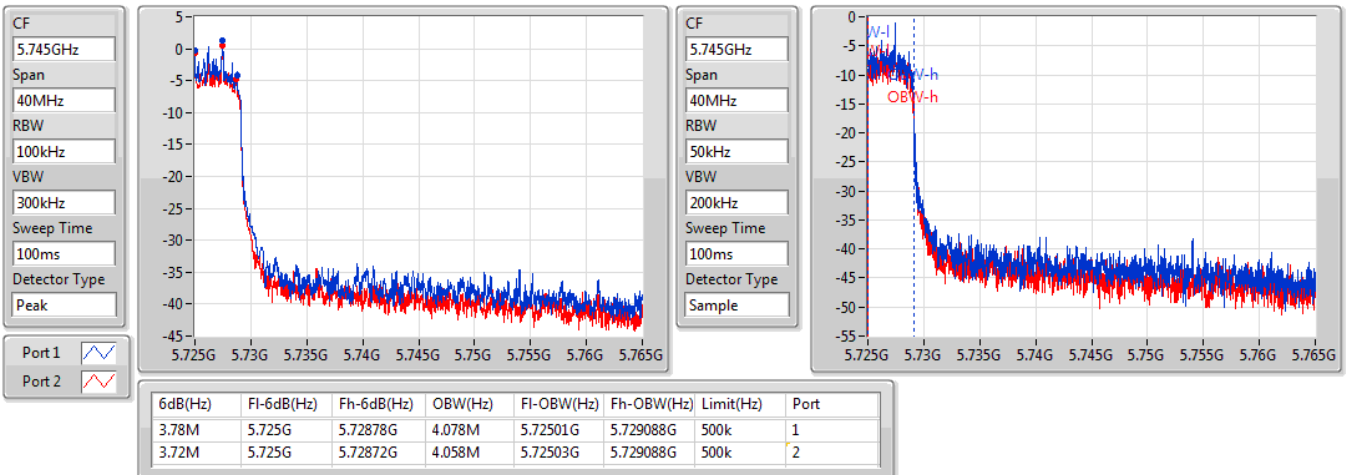


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019





Summary

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.25-5.35GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 27.21M           | 16.942M         | 16M9D1D  | 21.6M            | 16.762M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 24.6M            | 17.931M         | 17M9D1D  | 21.81M           | 17.841M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 53.28M           | 36.702M         | 36M7D1D  | 40.86M           | 36.402M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 83.4M            | 75.682M         | 75M7D1D  | 83.4M            | 75.682M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 27.21M           | 19.13M          | 19M1D1D  | 21.69M           | 19.04M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 49.44M           | 37.721M         | 37M7D1D  | 40.92M           | 37.541M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 83.76M           | 77.121M         | 77M1D1D  | 83.76M           | 77.121M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 24.63M           | 16.882M         | 16M9D1D  | 16.695M          | 13.463M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.52M           | 17.931M         | 17M9D1D  | 18.405M          | 14.033M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 55.62M           | 36.582M         | 36M6D1D  | 37.94M           | 33.023M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 83.52M           | 75.802M         | 75M8D1D  | 79.5M            | 72.564M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 25.83M           | 19.1M           | 19M1D1D  | 16.845M          | 14.588M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 44.82M           | 37.661M         | 37M7D1D  | 35.42M           | 33.583M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 84M              | 77.121M         | 77M1D1D  | 81.375M          | 73.163M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 3.12M            | 4.438M          | 4M44D1D  | 3.12M            | 4.438M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 3.74M            | 4.618M          | 4M62D1D  | 3.74M            | 4.618M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.16M            | 4.098M          | 4M10D1D  | 3.16M            | 4.098M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 3.12M            | 10.735M         | 10M7D1D  | 3.12M            | 10.735M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 4.44M            | 4.998M          | 5M00D1D  | 4.44M            | 4.998M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 3.92M            | 4.138M          | 4M14D1D  | 3.92M            | 4.138M          |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 3.76M            | 14.633M         | 14M6D1D  | 3.76M            | 14.633M         |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;





Result

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -          | -                | -               |
| 5260MHz                        | Pass   | Inf        | 27.21M           | 16.942M         |
| 5300MHz                        | Pass   | Inf        | 24.63M           | 16.882M         |
| 5320MHz                        | Pass   | Inf        | 21.6M            | 16.762M         |
| 5500MHz                        | Pass   | Inf        | 21.54M           | 16.762M         |
| 5580MHz                        | Pass   | Inf        | 24.63M           | 16.882M         |
| 5700MHz                        | Pass   | Inf        | 21.51M           | 16.762M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 16.695M          | 13.463M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.12M            | 4.438M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5260MHz                        | Pass   | Inf        | 24.48M           | 17.931M         |
| 5300MHz                        | Pass   | Inf        | 24.6M            | 17.931M         |
| 5320MHz                        | Pass   | Inf        | 21.81M           | 17.841M         |
| 5500MHz                        | Pass   | Inf        | 21.75M           | 17.871M         |
| 5580MHz                        | Pass   | Inf        | 23.52M           | 17.931M         |
| 5700MHz                        | Pass   | Inf        | 21.75M           | 17.841M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 18.405M          | 14.033M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.74M            | 4.618M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5270MHz                        | Pass   | Inf        | 53.28M           | 36.702M         |
| 5310MHz                        | Pass   | Inf        | 40.86M           | 36.402M         |
| 5510MHz                        | Pass   | Inf        | 41.04M           | 36.402M         |
| 5550MHz                        | Pass   | Inf        | 55.62M           | 36.582M         |
| 5670MHz                        | Pass   | Inf        | 41.04M           | 36.462M         |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 37.94M           | 33.023M         |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.16M            | 4.098M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5290MHz                        | Pass   | Inf        | 83.4M            | 75.682M         |
| 5530MHz                        | Pass   | Inf        | 83.52M           | 75.682M         |
| 5610MHz                        | Pass   | Inf        | 83.52M           | 75.802M         |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 79.5M            | 72.564M         |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.12M            | 10.735M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5260MHz                        | Pass   | Inf        | 26.88M           | 19.13M          |
| 5300MHz                        | Pass   | Inf        | 27.21M           | 19.13M          |
| 5320MHz                        | Pass   | Inf        | 21.69M           | 19.04M          |
| 5500MHz                        | Pass   | Inf        | 21.69M           | 19.04M          |
| 5580MHz                        | Pass   | Inf        | 25.83M           | 19.1M           |
| 5700MHz                        | Pass   | Inf        | 21.63M           | 19.01M          |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 16.845M          | 14.588M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 4.44M            | 4.998M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5270MHz                        | Pass   | Inf        | 49.44M           | 37.721M         |
| 5310MHz                        | Pass   | Inf        | 40.92M           | 37.541M         |



| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|
| 5510MHz                        | Pass   | Inf        | 40.98M           | 37.541M         |
| 5550MHz                        | Pass   | Inf        | 44.82M           | 37.661M         |
| 5670MHz                        | Pass   | Inf        | 40.98M           | 37.541M         |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 35.42M           | 33.583M         |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.92M            | 4.138M          |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 5290MHz                        | Pass   | Inf        | 83.76M           | 77.121M         |
| 5530MHz                        | Pass   | Inf        | 83.88M           | 77.121M         |
| 5610MHz                        | Pass   | Inf        | 84M              | 77.121M         |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 81.375M          | 73.163M         |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.76M            | 14.633M         |

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth;