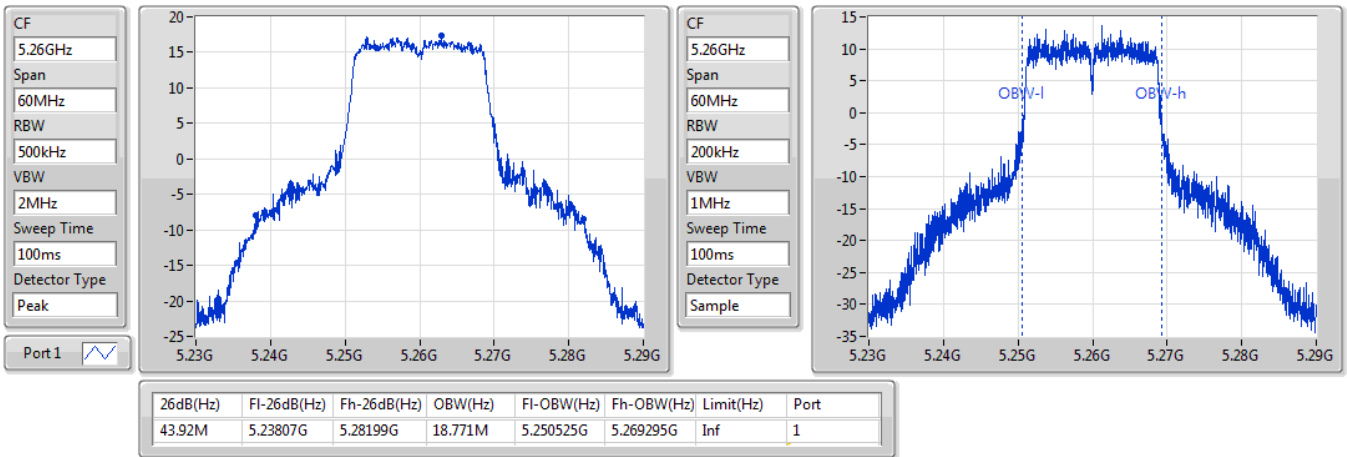
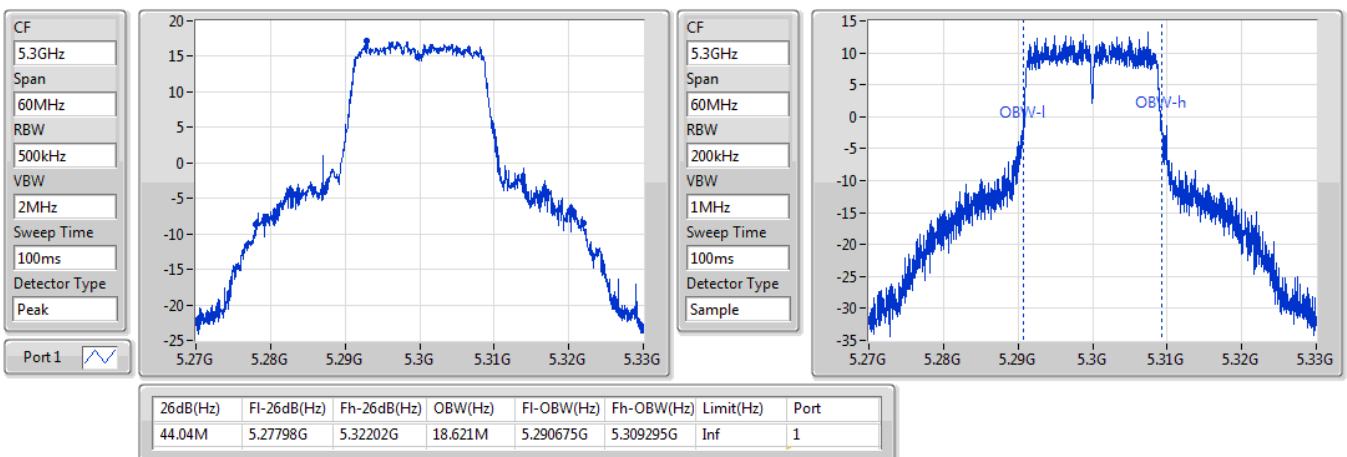


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

31/10/2019

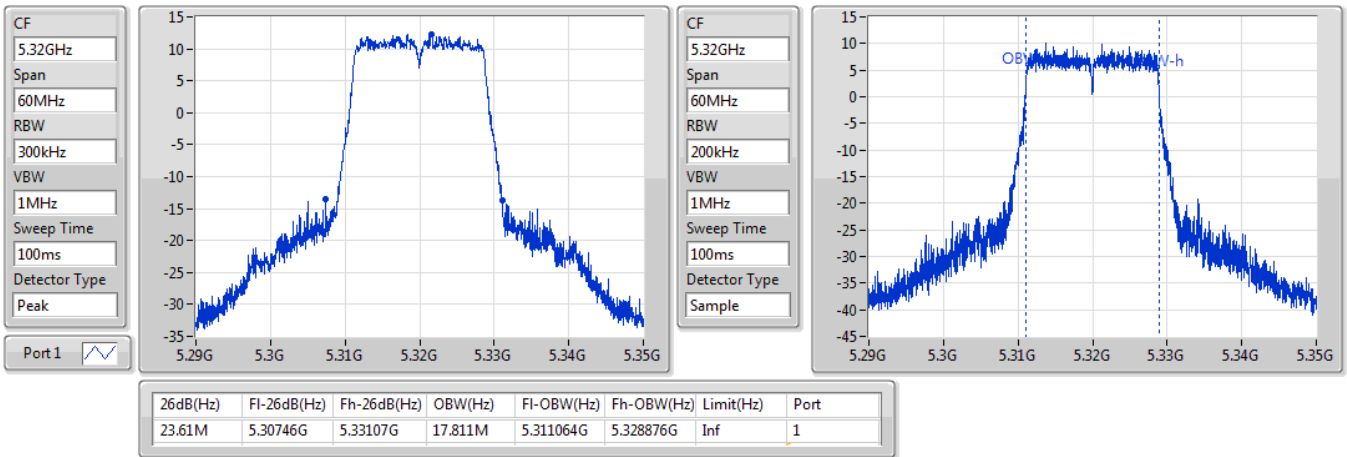

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

31/10/2019

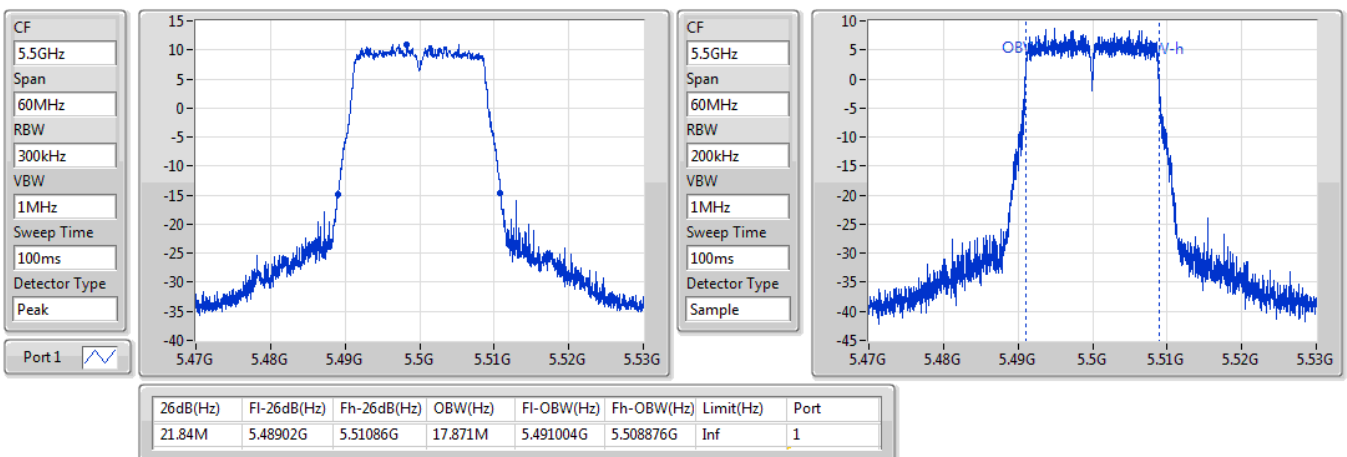


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

31/10/2019

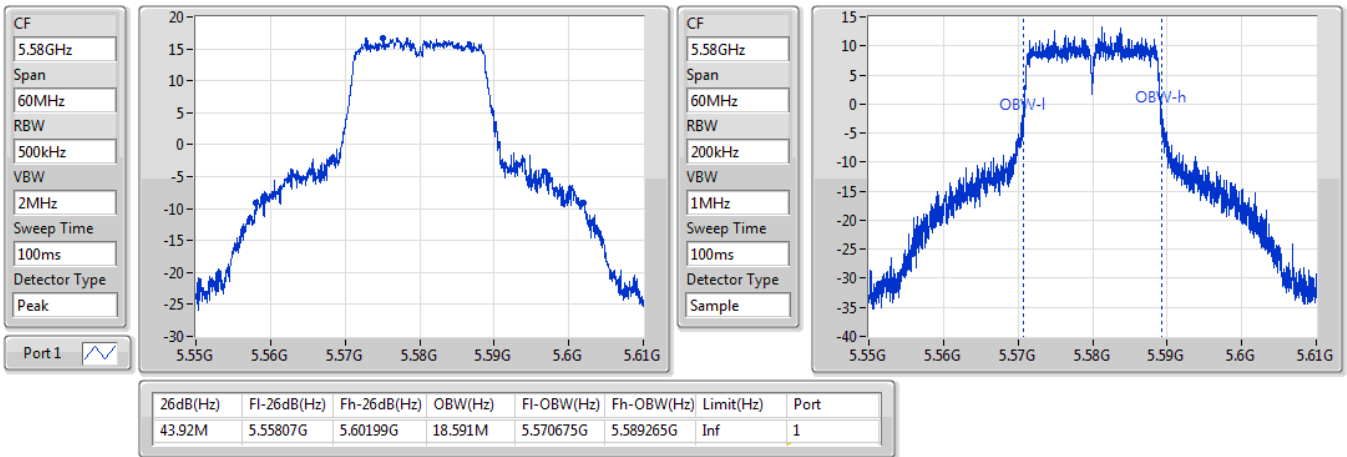

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

31/10/2019

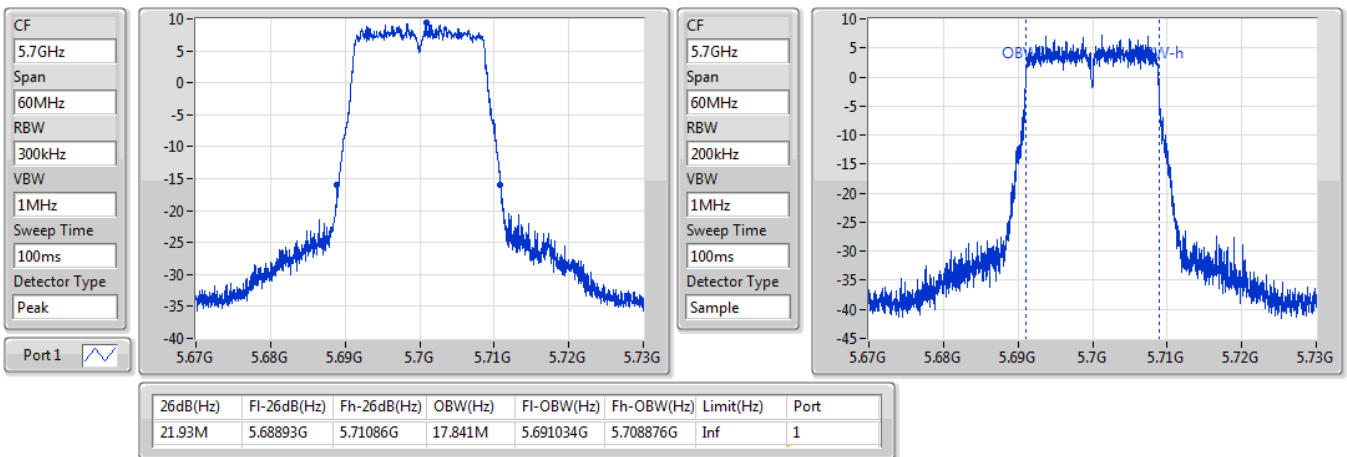


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

31/10/2019

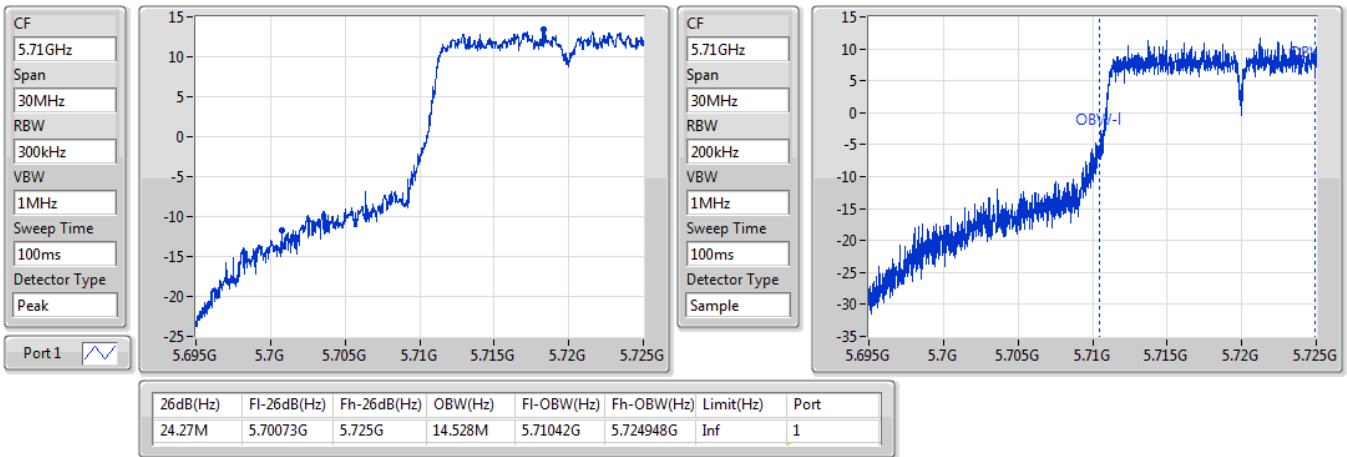

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

31/10/2019

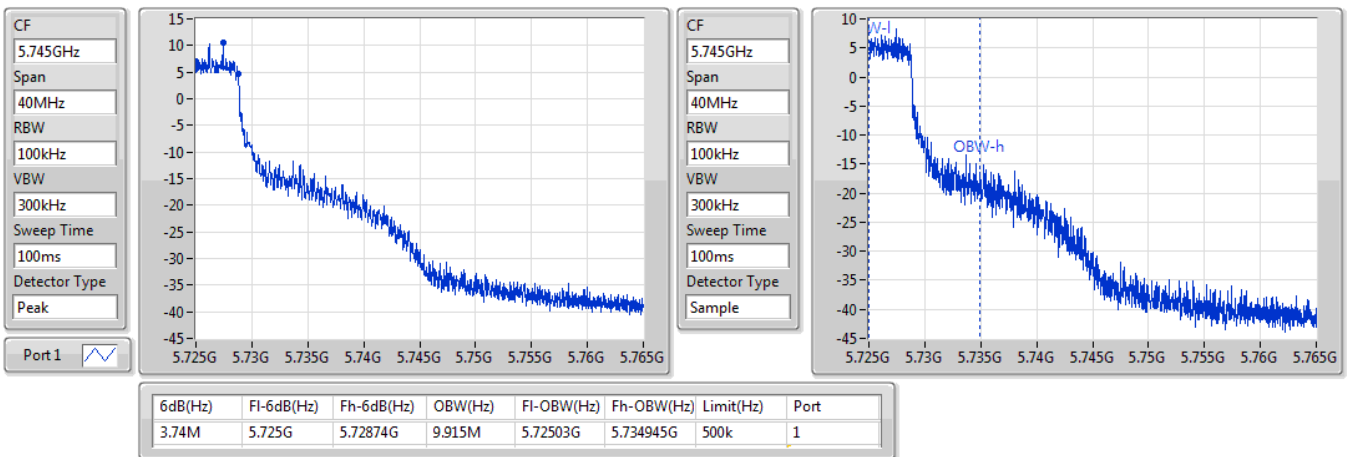


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

31/10/2019

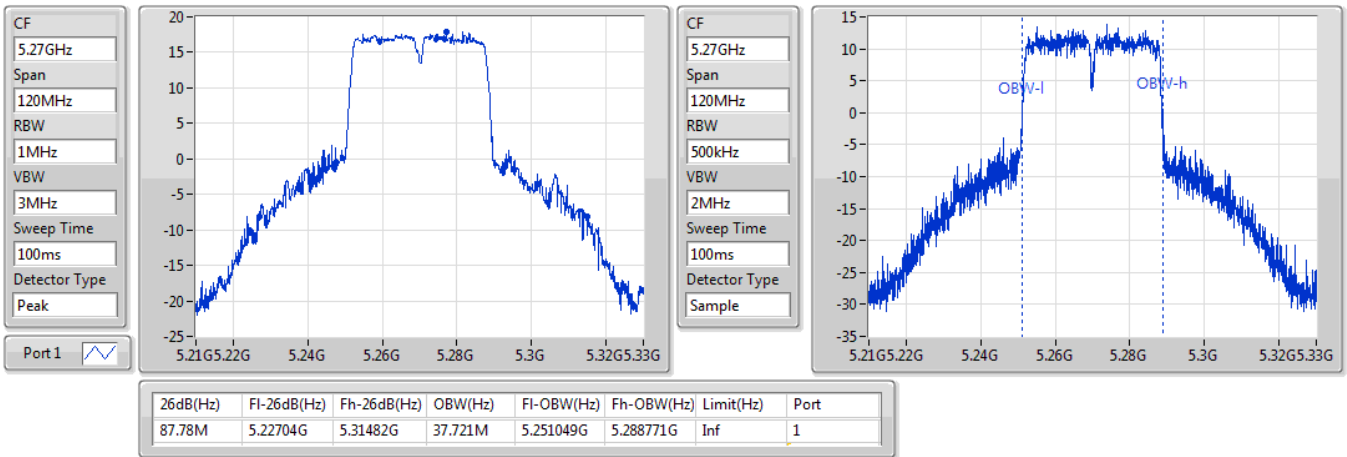

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

31/10/2019

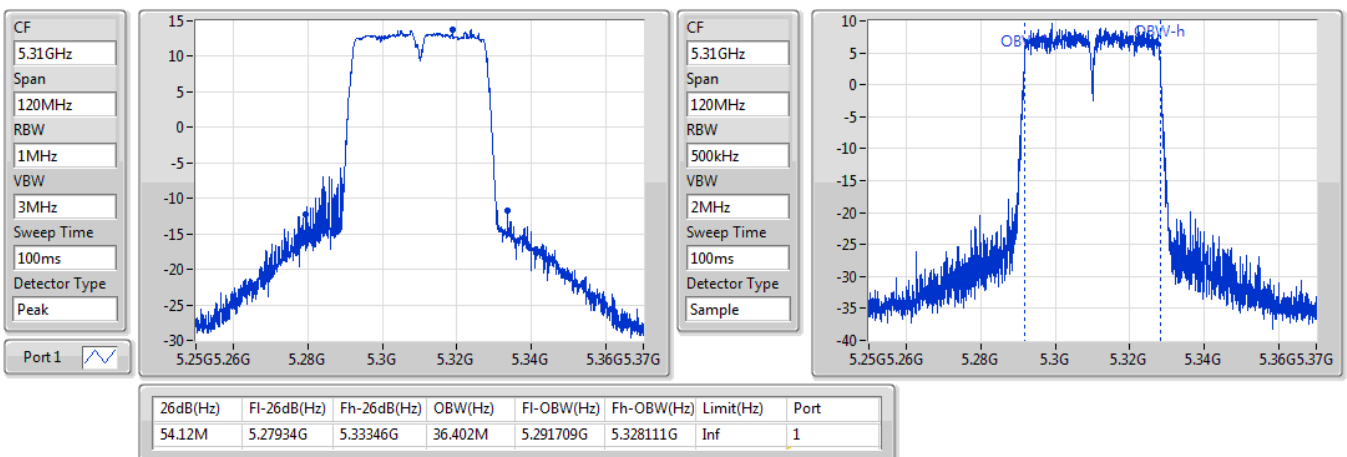


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

31/10/2019

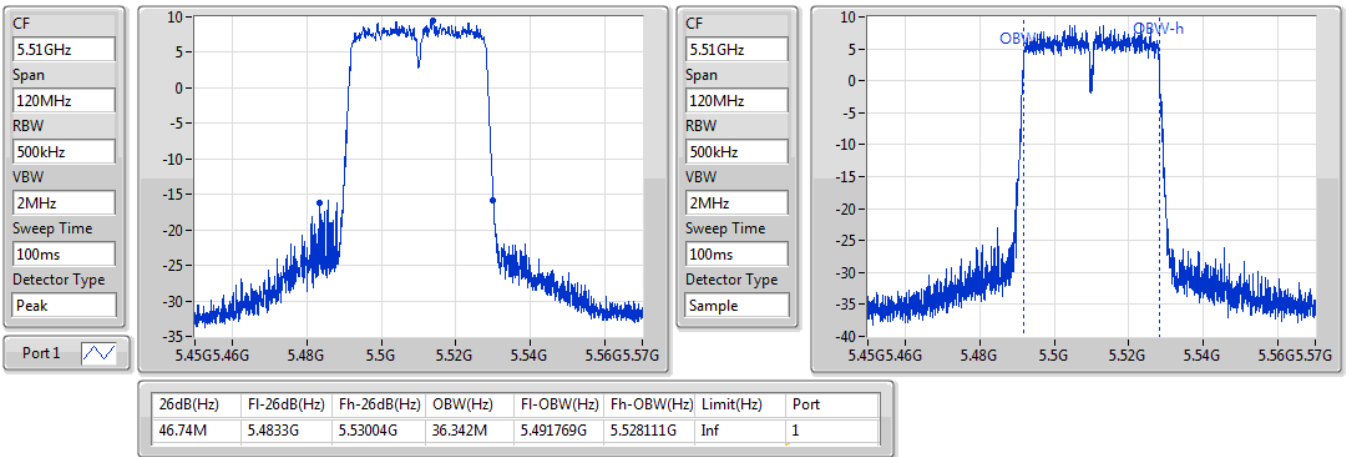

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

31/10/2019

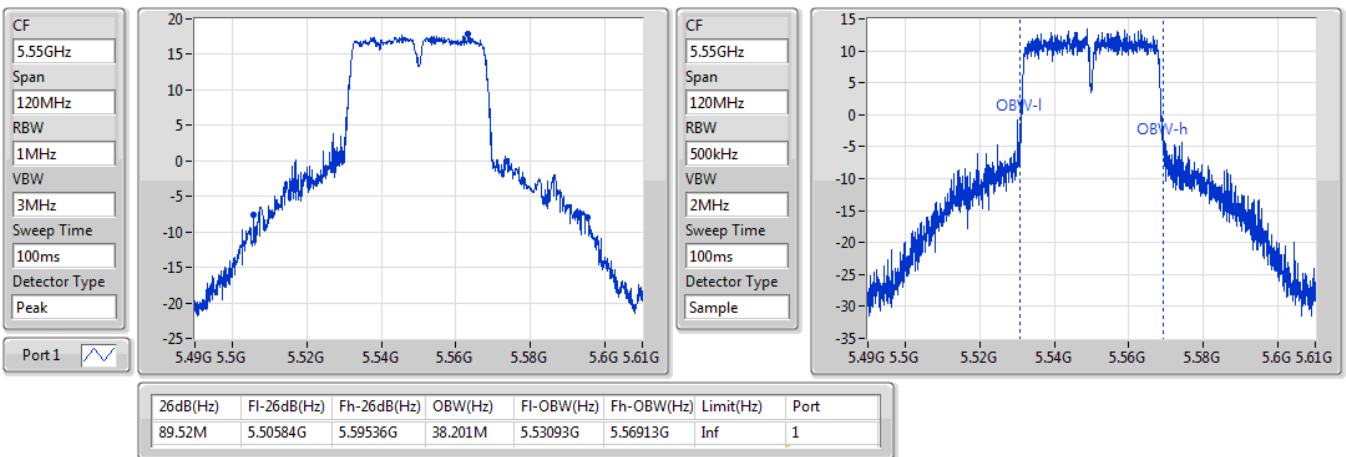


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

31/10/2019

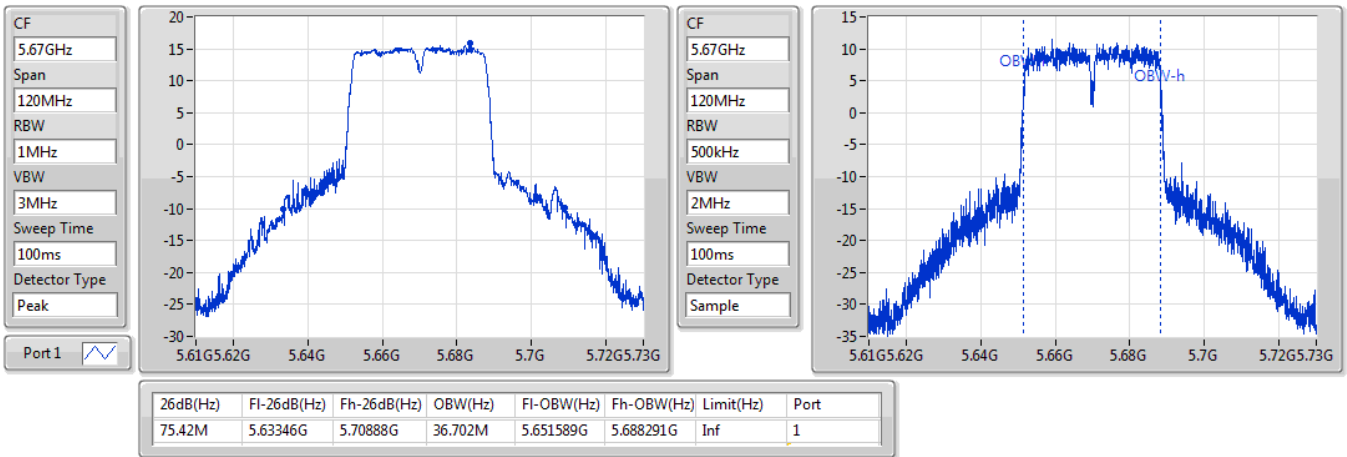

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

31/10/2019

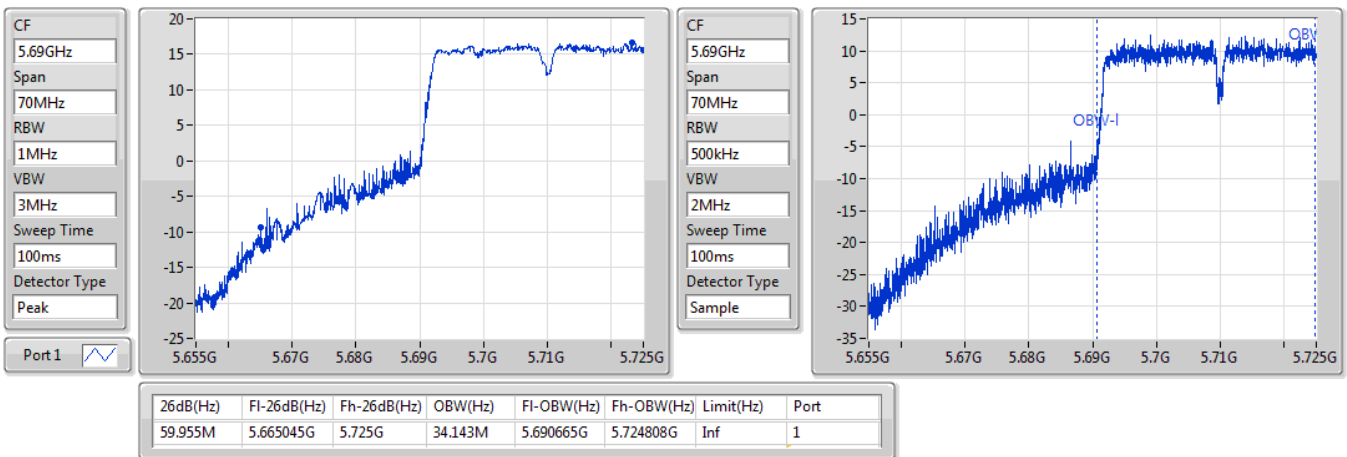


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

31/10/2019

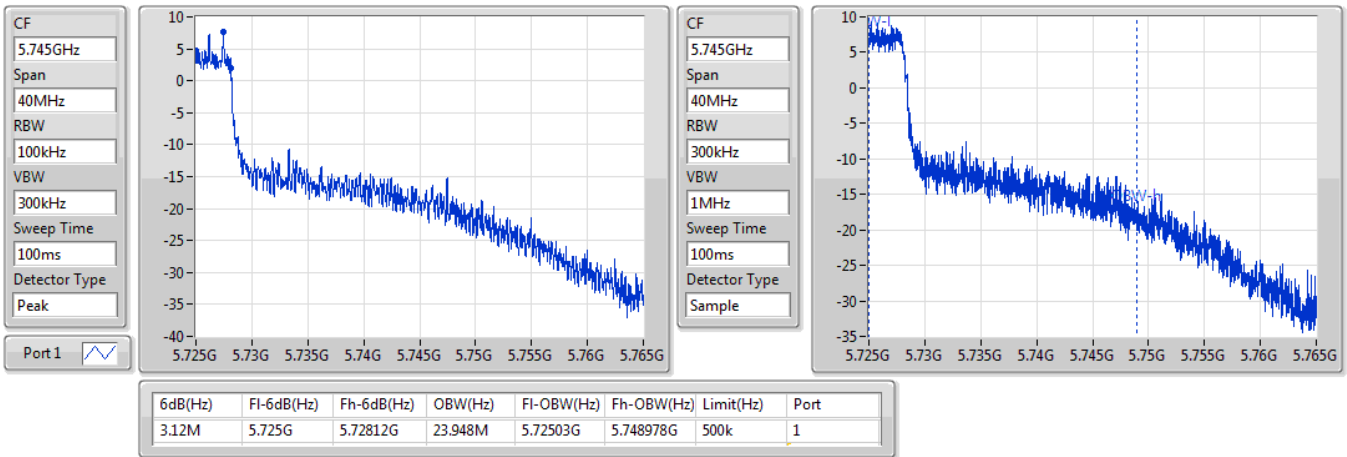

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

31/10/2019

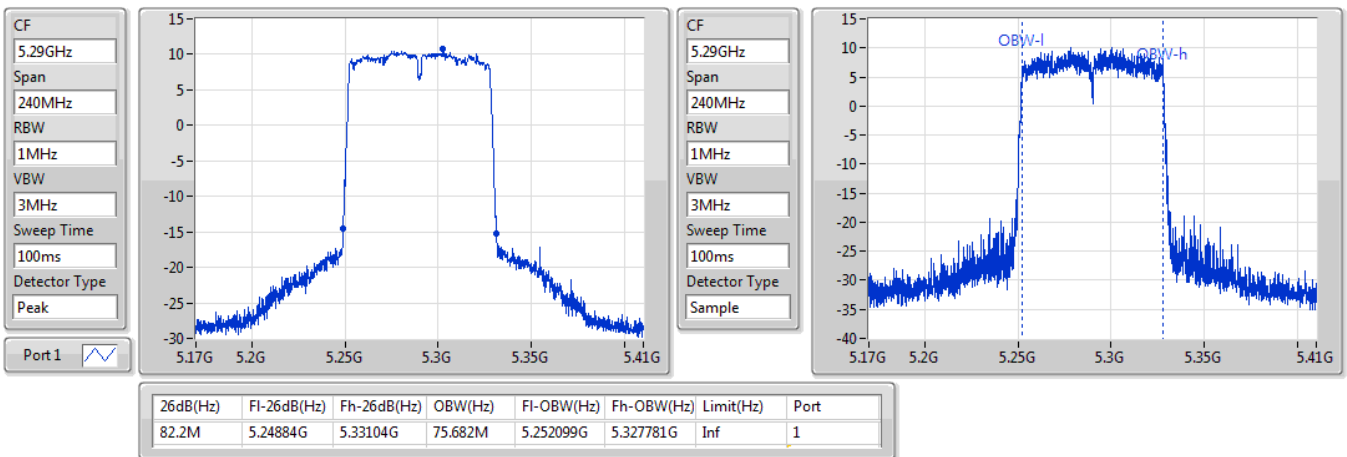


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

31/10/2019

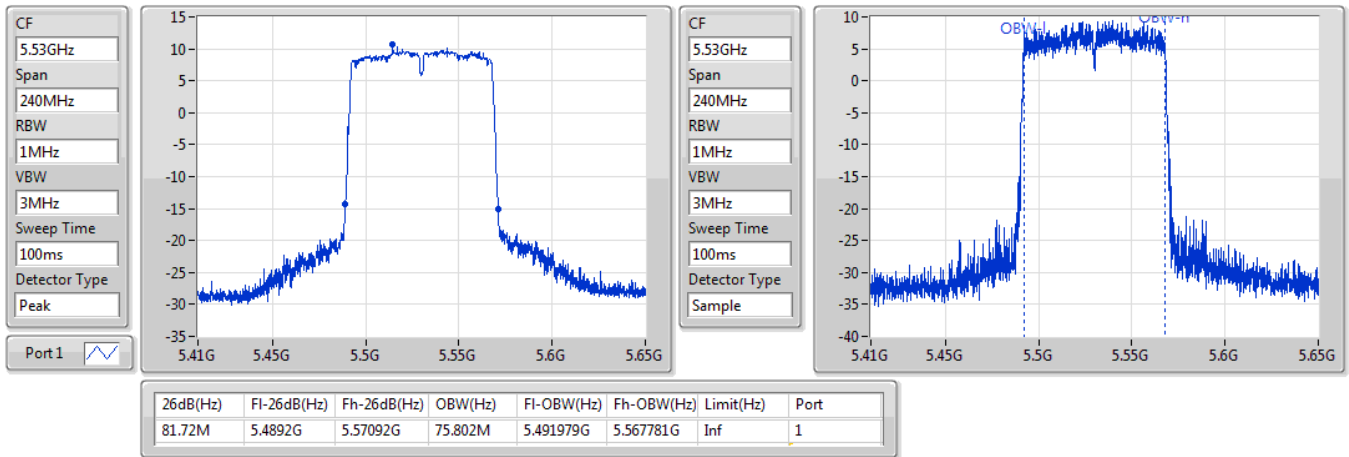

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

31/10/2019

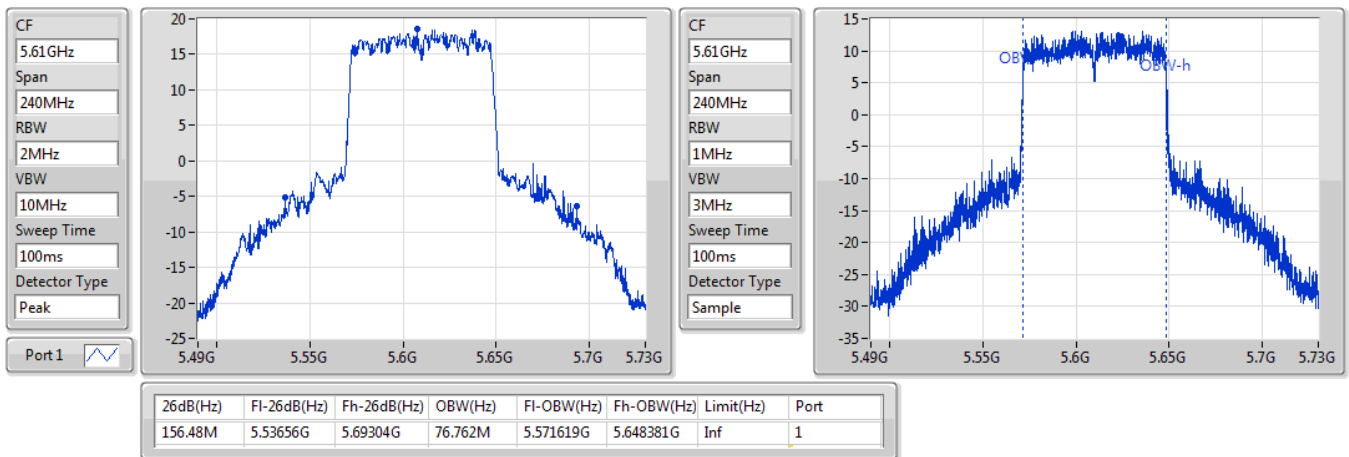


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

31/10/2019

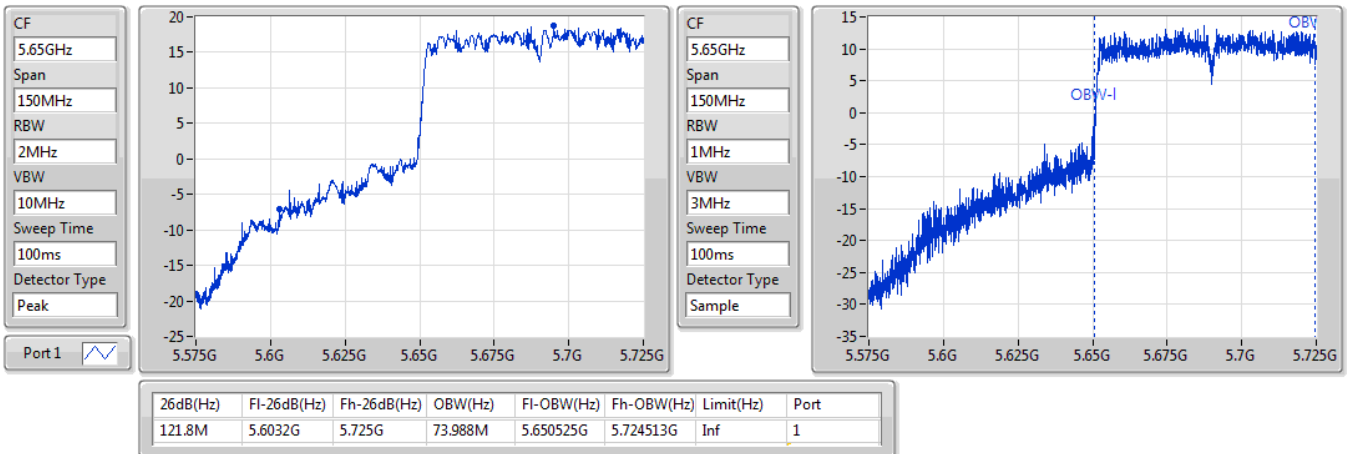

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

31/10/2019

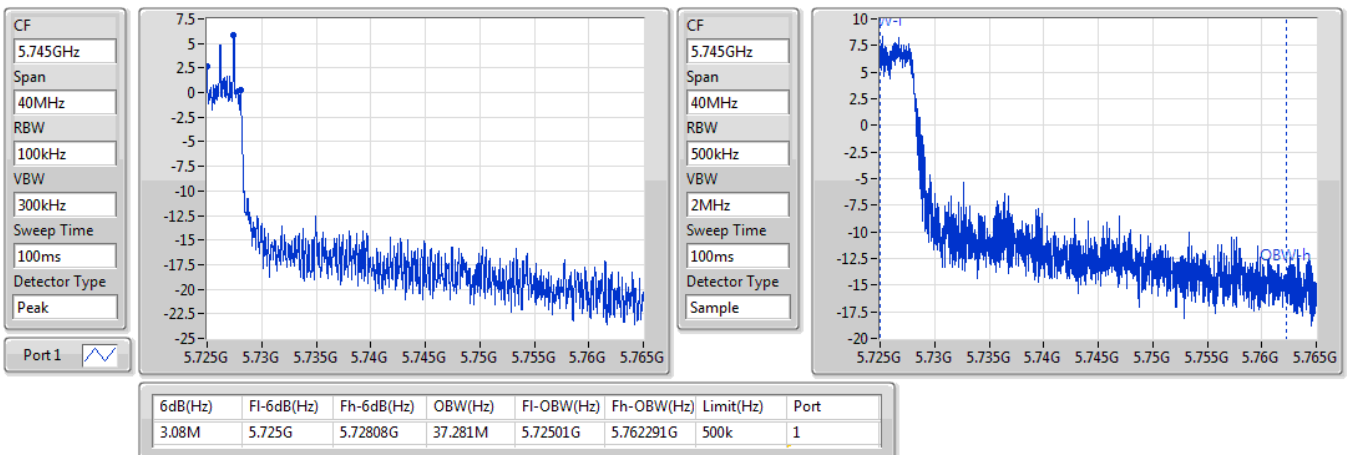


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

31/10/2019

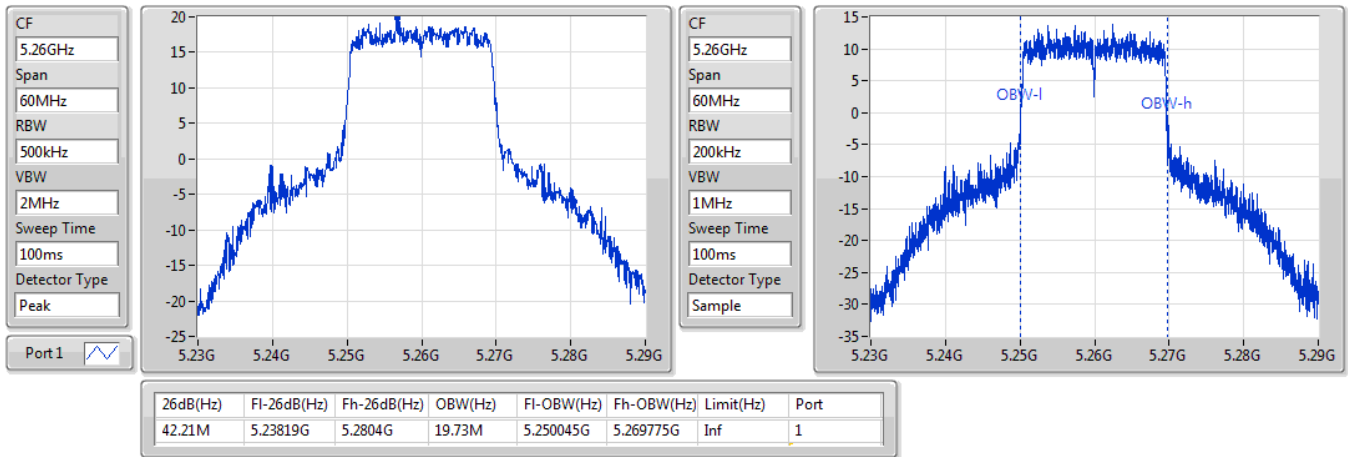

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

31/10/2019

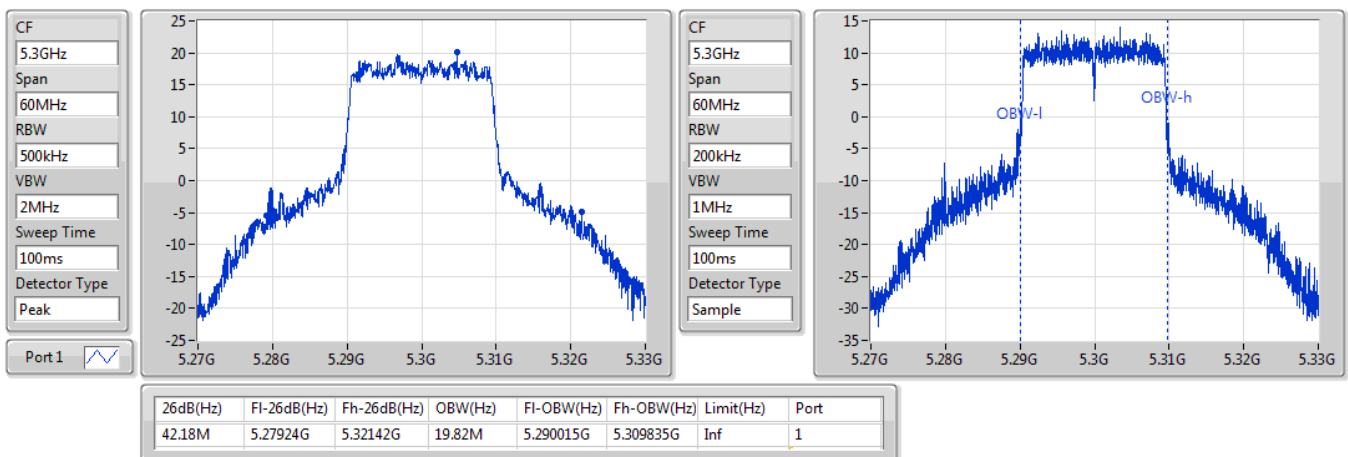


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

31/10/2019

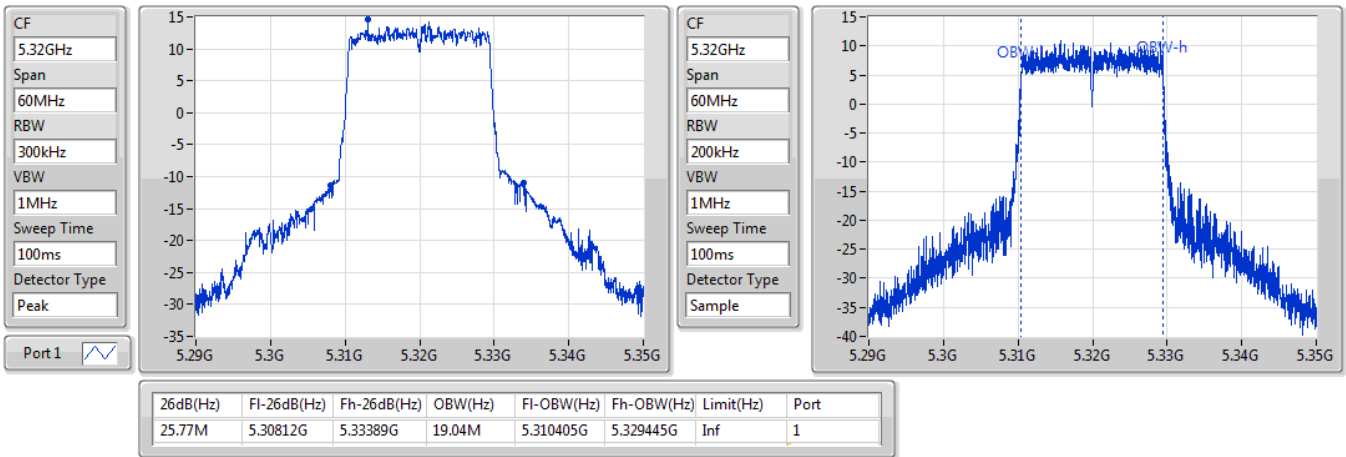

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

31/10/2019

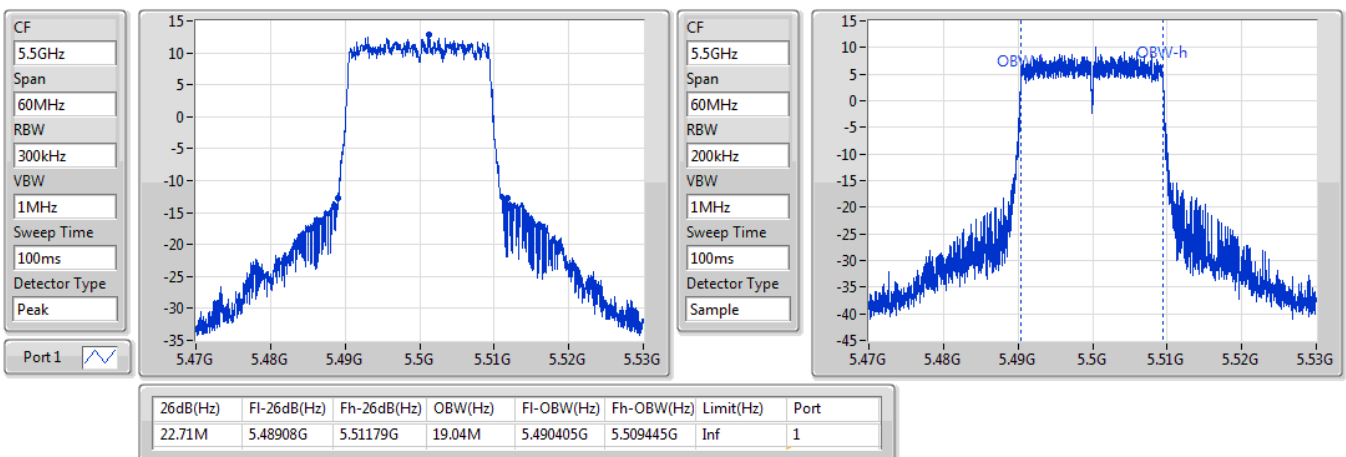


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

31/10/2019

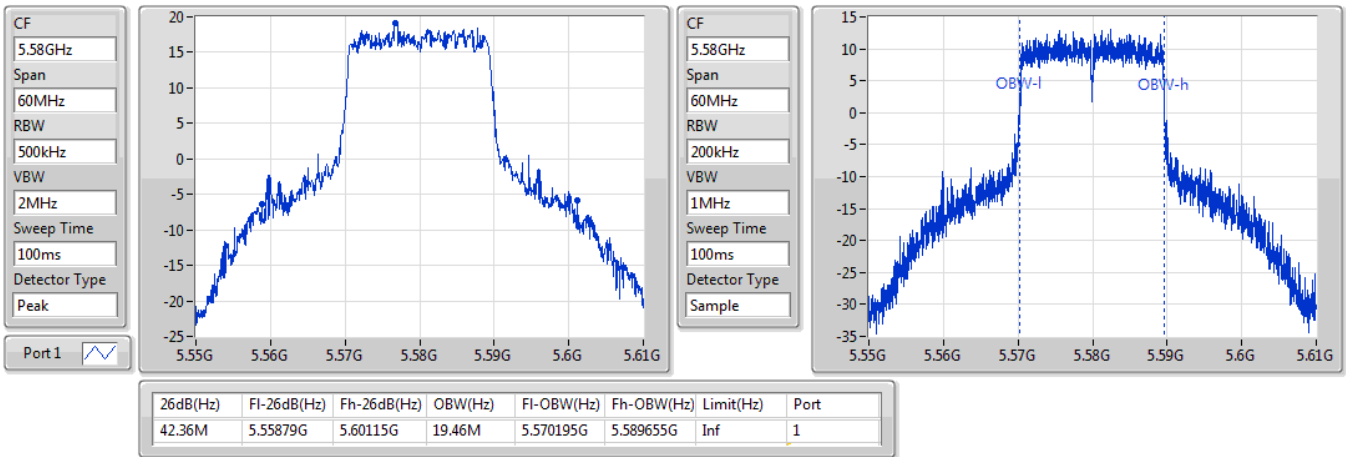

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

31/10/2019

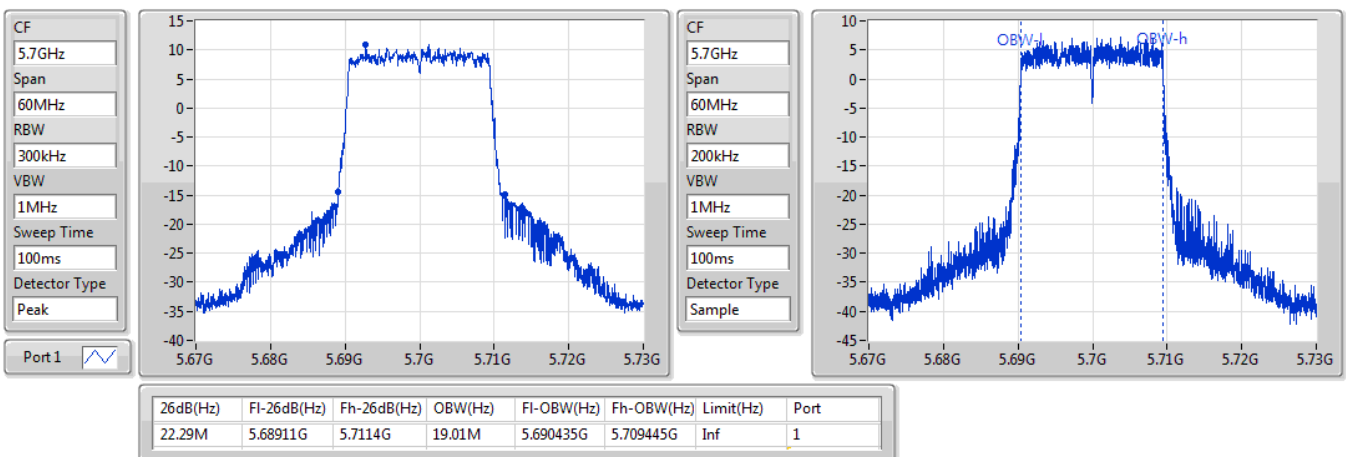


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

31/10/2019

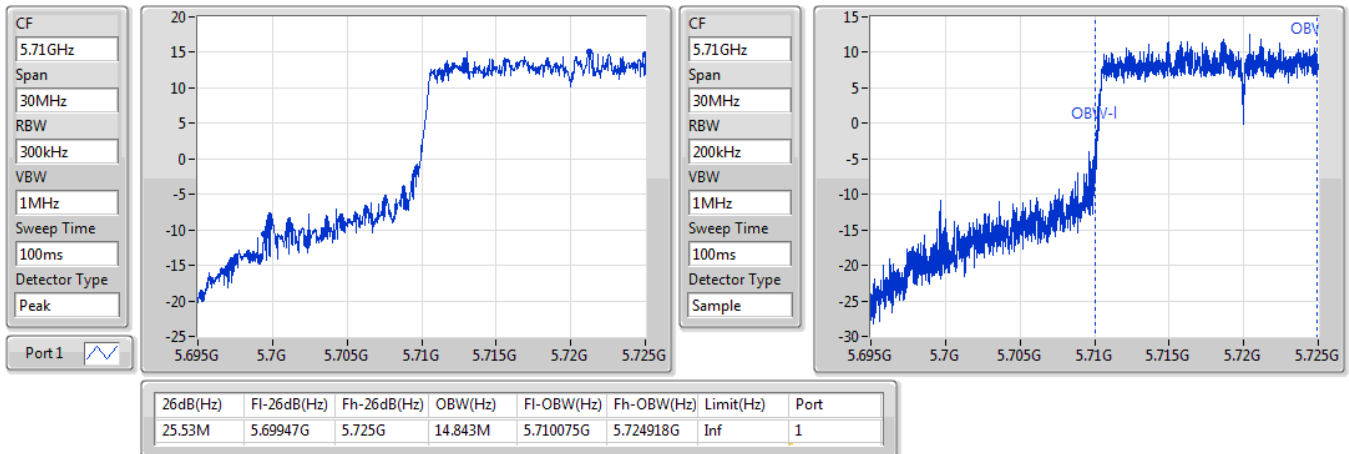

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

31/10/2019

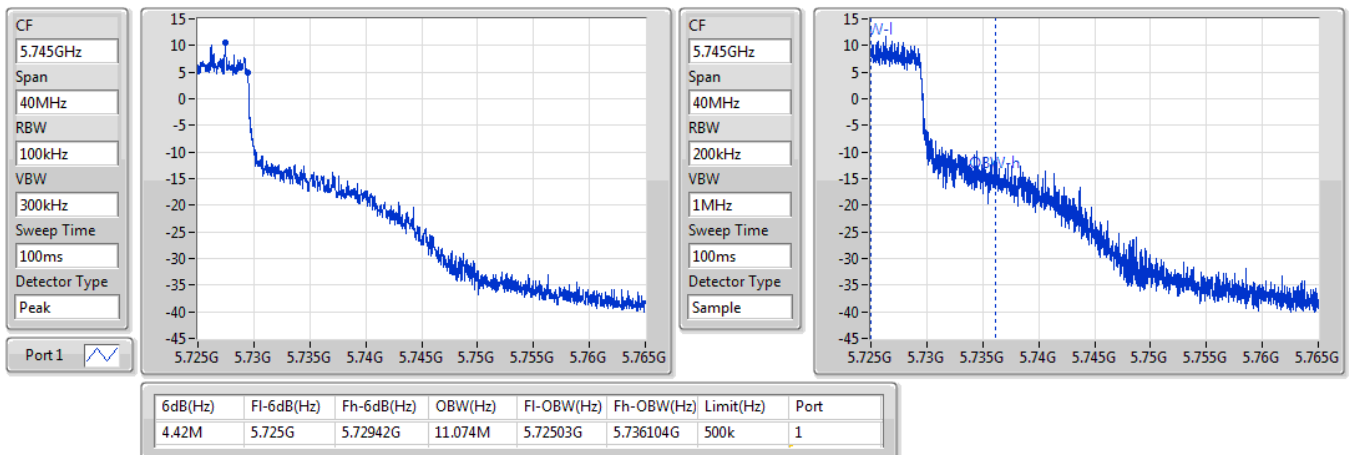


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

31/10/2019

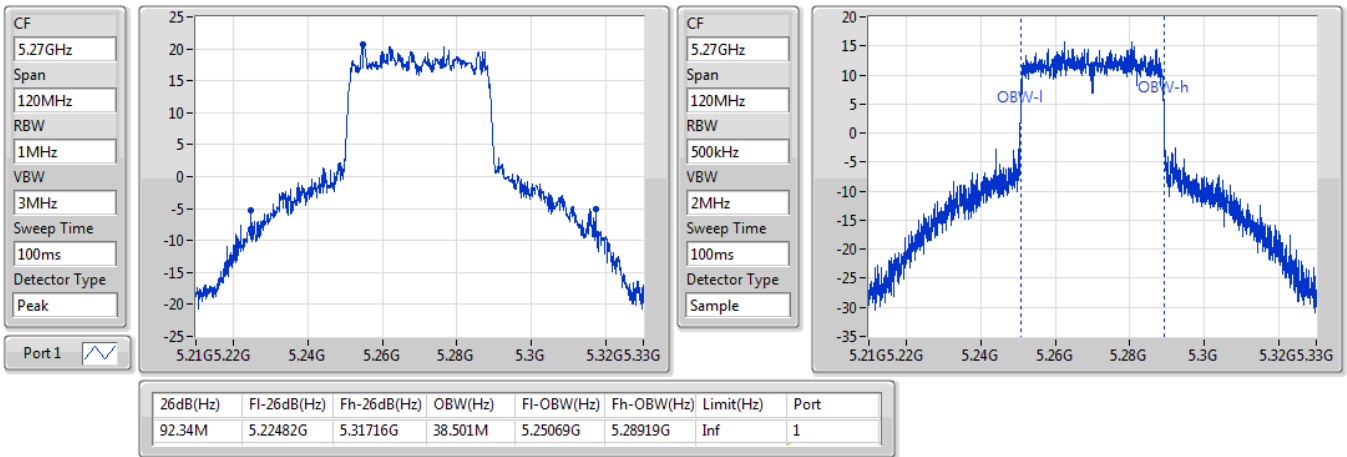

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

31/10/2019

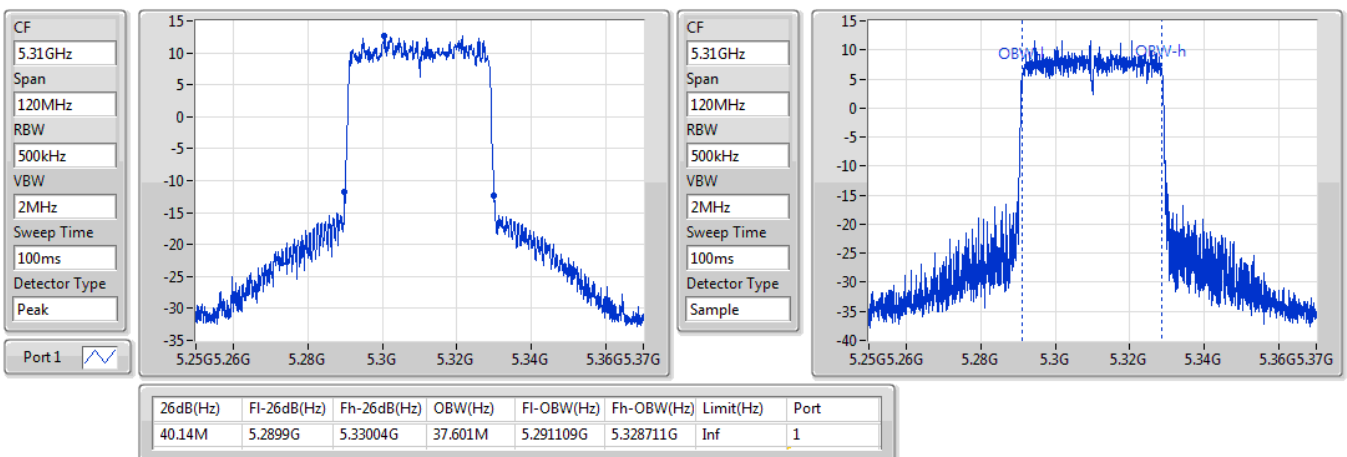


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

31/10/2019

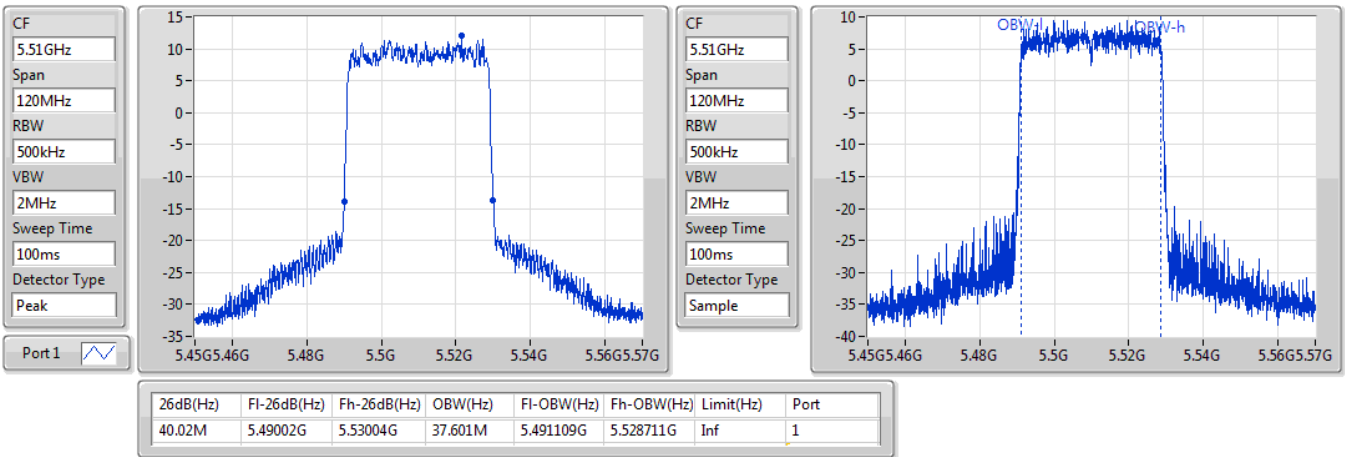

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

31/10/2019

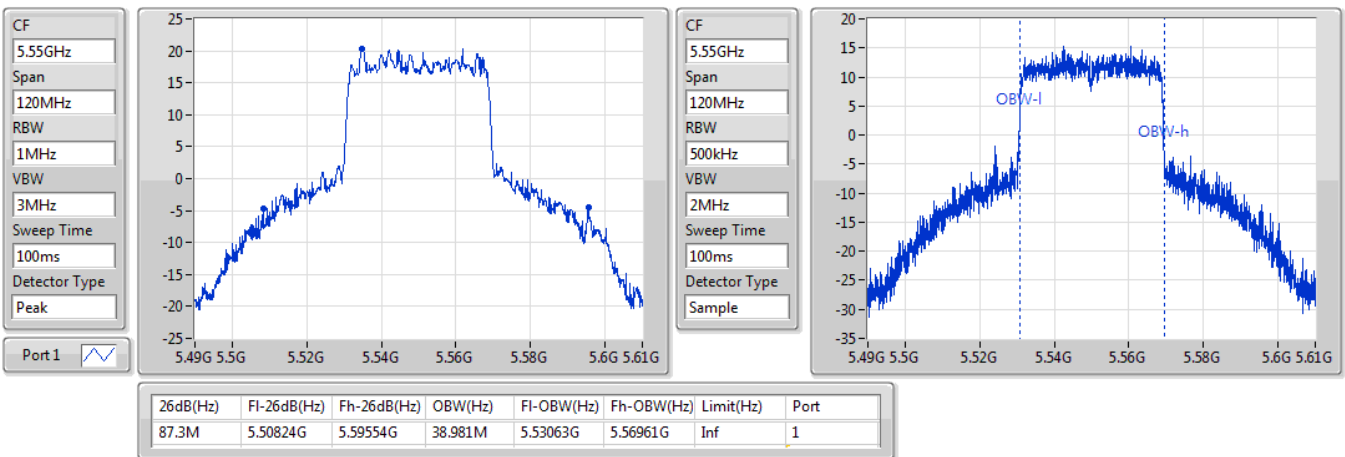


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

31/10/2019

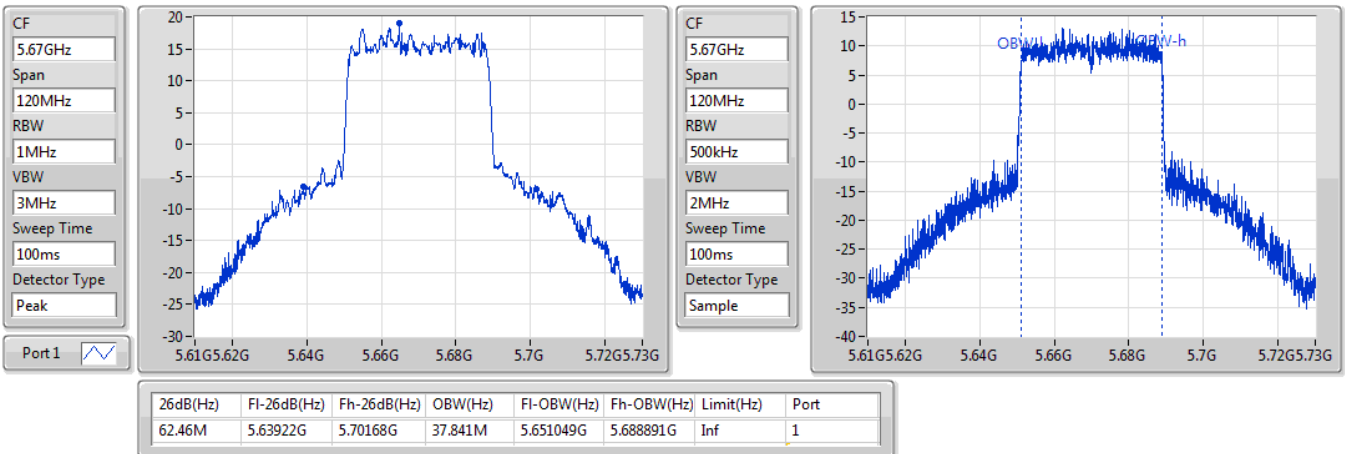

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

31/10/2019

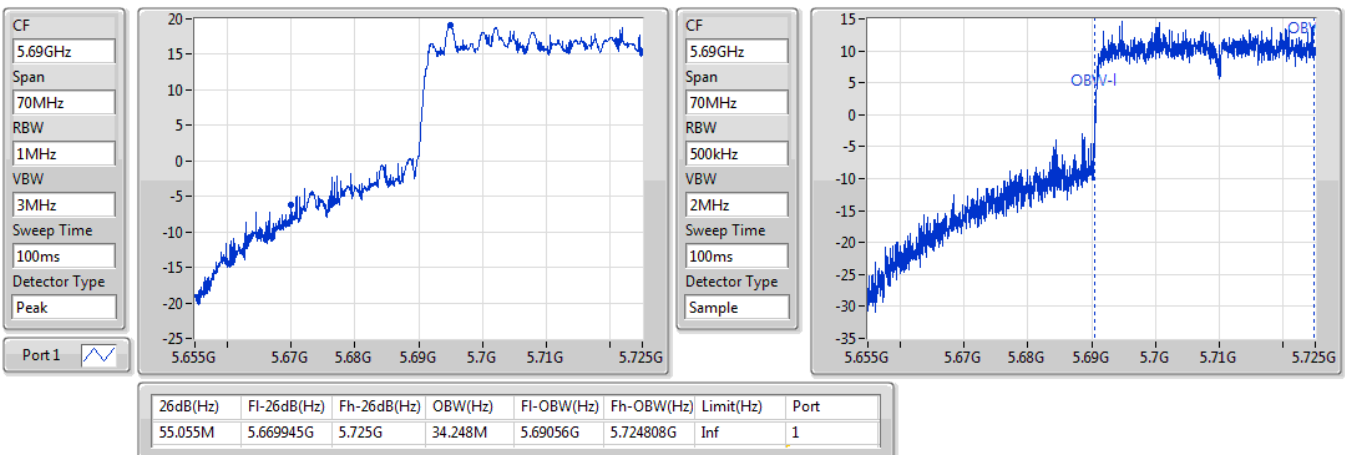


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

31/10/2019

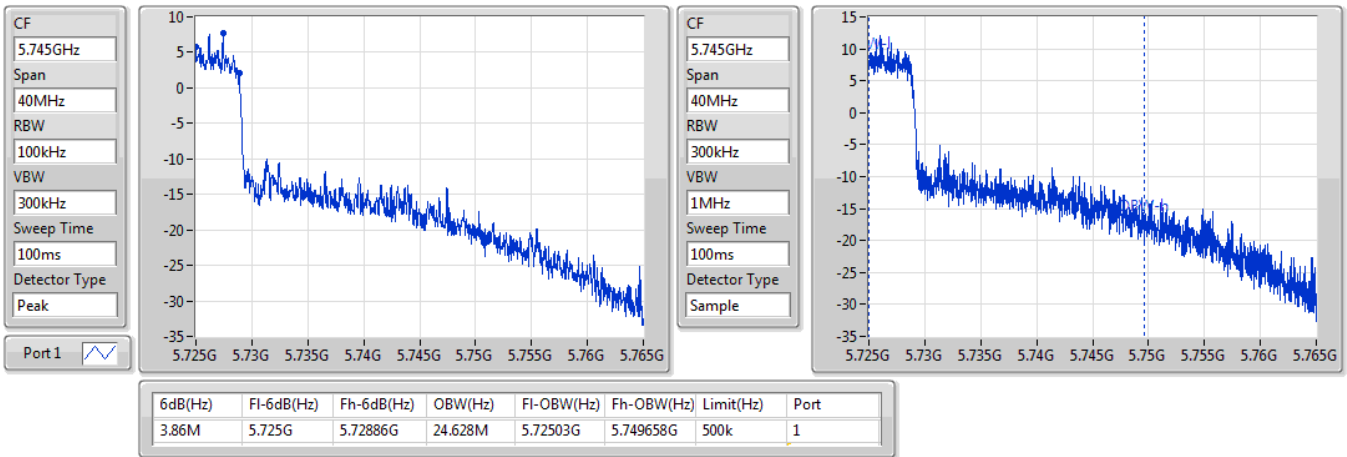

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

31/10/2019

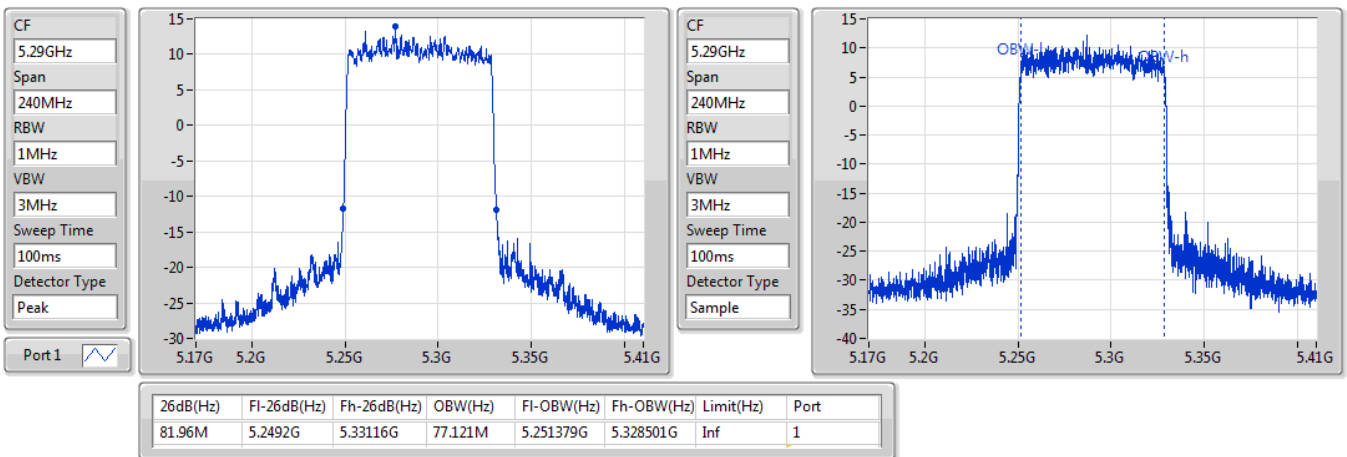


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

31/10/2019

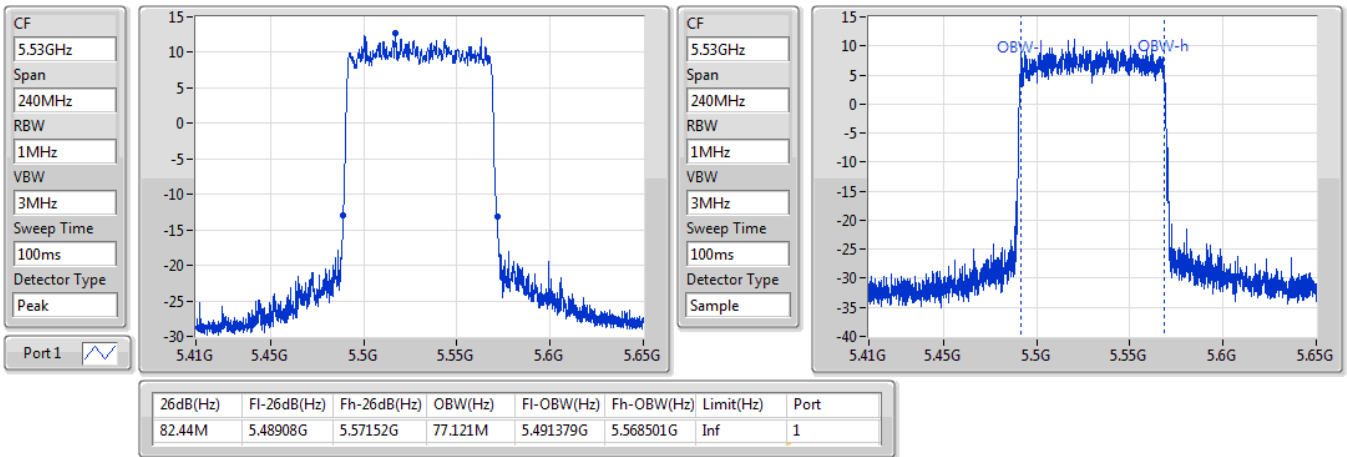

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

31/10/2019

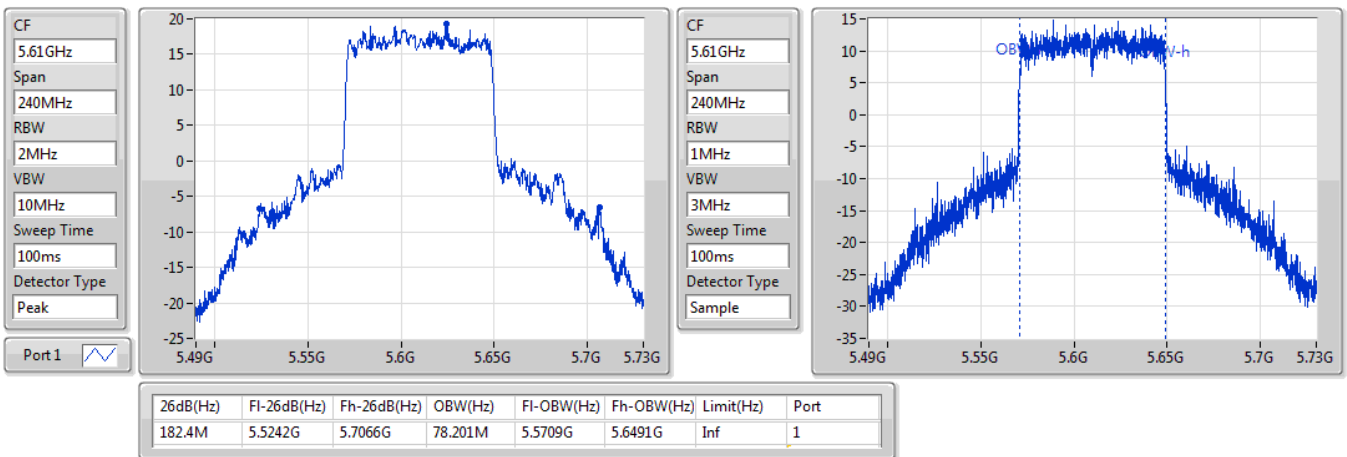


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

31/10/2019

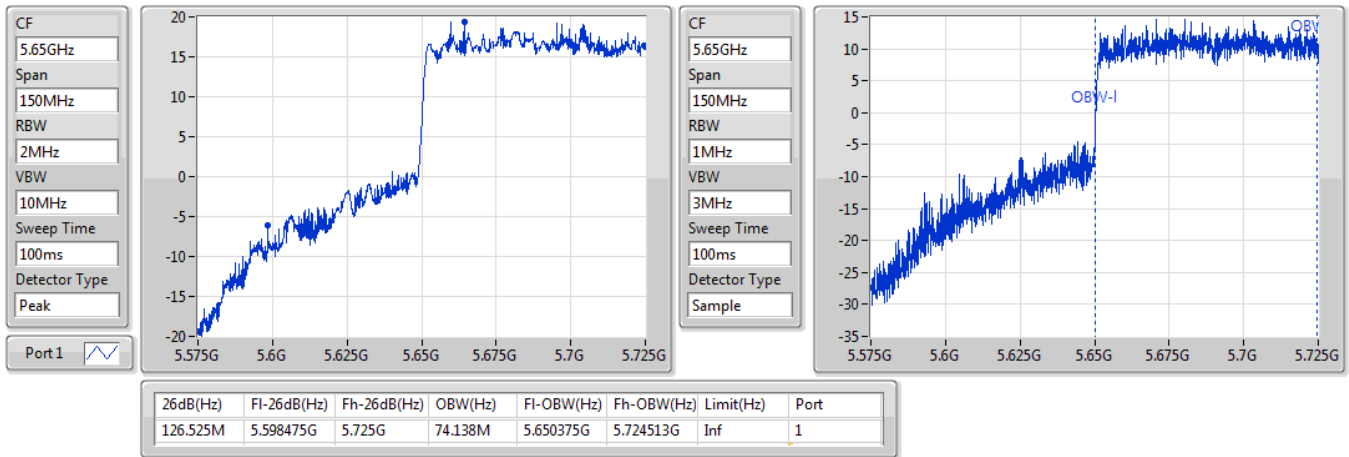

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

31/10/2019

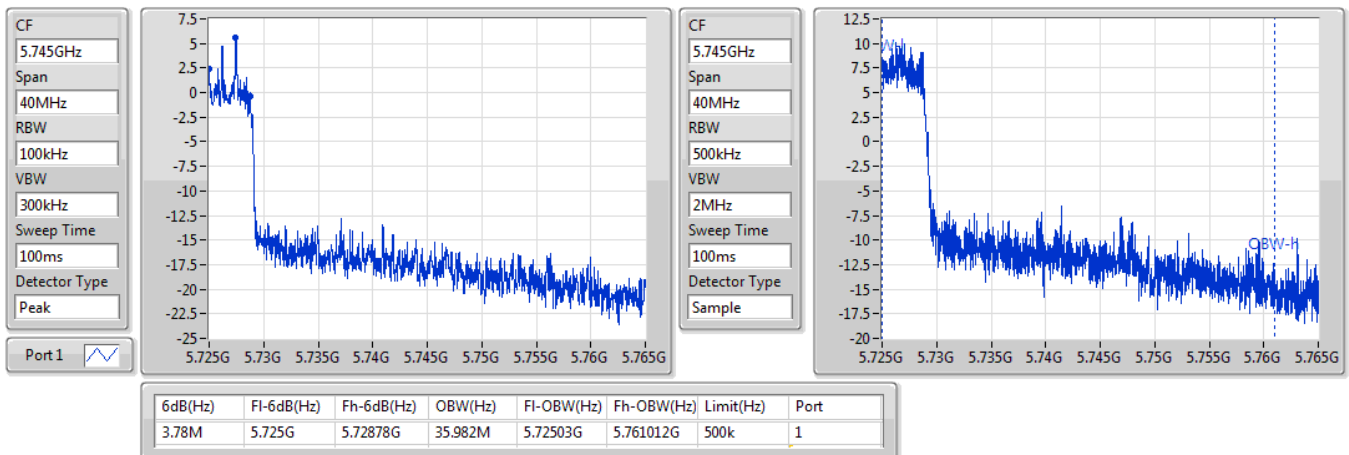


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

31/10/2019


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

31/10/2019



**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       | 21.99M           | 16.582M         | 16M6D1D  | 21.48M           | 16.522M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 30.72M           | 17.841M         | 17M8D1D  | 22.11M           | 17.781M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 47.52M           | 36.342M         | 36M3D1D  | 39.9M            | 36.282M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 81.72M           | 75.802M         | 75M8D1D  | 81.6M            | 75.682M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 27.99M           | 19.04M          | 19M0D1D  | 21.78M           | 18.951M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 74.22M           | 37.661M         | 37M7D1D  | 40.02M           | 37.541M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.48M           | 77.001M         | 77M0D1D  | 81.24M           | 76.882M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 22.02M           | 16.642M         | 16M6D1D  | 15.72M           | 13.328M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 29.31M           | 17.901M         | 17M9D1D  | 19.395M          | 14.078M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 48.36M           | 36.342M         | 36M3D1D  | 39.34M           | 33.128M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 121.2M           | 76.042M         | 76M0D1D  | 81.48M           | 72.639M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 27.9M            | 19.07M          | 19M1D1D  | 18.36M           | 14.573M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 69.66M           | 37.721M         | 37M7D1D  | 39.96M           | 33.828M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 118.68M          | 77.121M         | 77M1D1D  | 78.675M          | 73.313M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 3.12M            | 4.178M          | 4M18D1D  | 3.1M             | 4.078M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 3.8M             | 7.136M          | 7M14D1D  | 3.7M             | 4.818M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 3.1M             | 19.69M          | 19M7D1D  | 3.1M             | 15.392M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 3.1M             | 30.865M         | 30M9D1D  | 3.08M            | 25.907M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 4.42M            | 8.896M          | 8M90D1D  | 4.4M             | 5.557M          |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 3.72M            | 18.951M         | 19M0D1D  | 3.62M            | 15.952M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 3.74M            | 30.045M         | 30M0D1D  | 3.7M             | 24.288M         |

**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                        | Pass   | Inf           | 21.48M              | 16.552M            | 21.87M              | 16.582M            |
| 5300MHz                        | Pass   | Inf           | 21.6M               | 16.582M            | 21.99M              | 16.582M            |
| 5320MHz                        | Pass   | Inf           | 21.57M              | 16.522M            | 21.99M              | 16.582M            |
| 5500MHz                        | Pass   | Inf           | 21.54M              | 16.582M            | 21.75M              | 16.582M            |
| 5580MHz                        | Pass   | Inf           | 21.48M              | 16.612M            | 22.02M              | 16.642M            |
| 5700MHz                        | Pass   | Inf           | 21.33M              | 16.612M            | 21.99M              | 16.612M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.72M              | 13.328M            | 15.975M             | 13.373M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 4.078M             | 3.12M               | 4.178M             |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 22.86M              | 17.781M            | 30.72M              | 17.841M            |
| 5300MHz                        | Pass   | Inf           | 22.65M              | 17.781M            | 23.4M               | 17.811M            |
| 5320MHz                        | Pass   | Inf           | 22.11M              | 17.781M            | 28.38M              | 17.781M            |
| 5500MHz                        | Pass   | Inf           | 21.96M              | 17.781M            | 22.47M              | 17.811M            |
| 5580MHz                        | Pass   | Inf           | 22.53M              | 17.811M            | 29.31M              | 17.901M            |
| 5700MHz                        | Pass   | Inf           | 21.96M              | 17.841M            | 21.75M              | 17.751M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 19.395M             | 14.078M            | 24.99M              | 14.213M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.8M                | 4.818M             | 3.7M                | 7.136M             |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 43.74M              | 36.282M            | 47.52M              | 36.342M            |
| 5310MHz                        | Pass   | Inf           | 39.9M               | 36.282M            | 39.96M              | 36.282M            |
| 5510MHz                        | Pass   | Inf           | 39.9M               | 36.162M            | 39.96M              | 36.282M            |
| 5550MHz                        | Pass   | Inf           | 48M                 | 36.222M            | 48.36M              | 36.342M            |
| 5670MHz                        | Pass   | Inf           | 40.68M              | 36.222M            | 40.32M              | 36.282M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 39.34M              | 33.128M            | 46.305M             | 33.163M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 15.392M            | 3.1M                | 19.69M             |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.6M               | 75.682M            | 81.72M              | 75.802M            |
| 5530MHz                        | Pass   | Inf           | 81.72M              | 75.802M            | 81.48M              | 75.922M            |
| 5610MHz                        | Pass   | Inf           | 102.36M             | 75.922M            | 121.2M              | 76.042M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 93M                 | 72.639M            | 99.75M              | 72.714M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 25.907M            | 3.08M               | 30.865M            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.81M              | 19.01M             | 27.99M              | 19.04M             |
| 5300MHz                        | Pass   | Inf           | 21.78M              | 19.01M             | 27.75M              | 19.04M             |
| 5320MHz                        | Pass   | Inf           | 21.9M               | 18.951M            | 26.4M               | 18.981M            |
| 5500MHz                        | Pass   | Inf           | 21.93M              | 18.981M            | 24.72M              | 19.01M             |
| 5580MHz                        | Pass   | Inf           | 23.1M               | 19.01M             | 27.9M               | 19.07M             |
| 5700MHz                        | Pass   | Inf           | 21.84M              | 18.981M            | 21.54M              | 18.921M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 18.36M              | 14.573M            | 18.66M              | 14.618M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.4M                | 5.557M             | 4.42M               | 8.896M             |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 51.3M               | 37.601M            | 74.22M              | 37.661M            |
| 5310MHz                        | Pass   | Inf           | 40.02M              | 37.601M            | 40.02M              | 37.541M            |



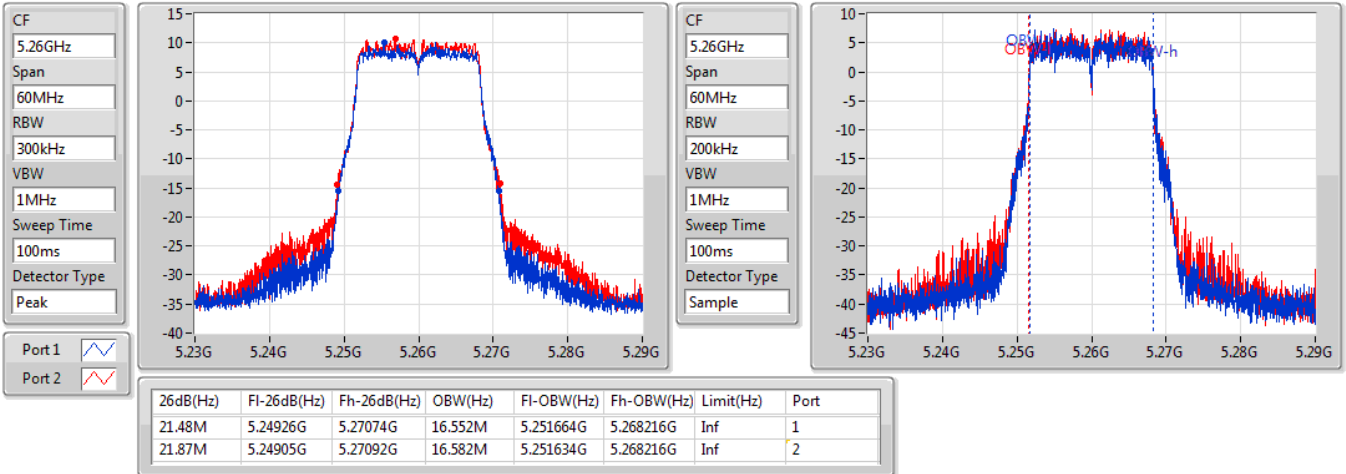
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5510MHz                        | Pass   | Inf           | 39.96M              | 37.541M            | 40.02M              | 37.481M            |
| 5550MHz                        | Pass   | Inf           | 40.92M              | 37.661M            | 69.66M              | 37.721M            |
| 5670MHz                        | Pass   | Inf           | 40.14M              | 37.601M            | 69M                 | 37.601M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 51.065M             | 33.863M            | 52.85M              | 33.828M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.72M               | 15.952M            | 3.62M               | 18.951M            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.48M              | 76.882M            | 81.24M              | 77.001M            |
| 5530MHz                        | Pass   | Inf           | 81.6M               | 77.121M            | 81.72M              | 77.001M            |
| 5610MHz                        | Pass   | Inf           | 82.92M              | 77.001M            | 118.68M             | 77.121M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 78.675M             | 73.313M            | 89.925M             | 73.388M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.74M               | 24.288M            | 3.7M                | 30.045M            |

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

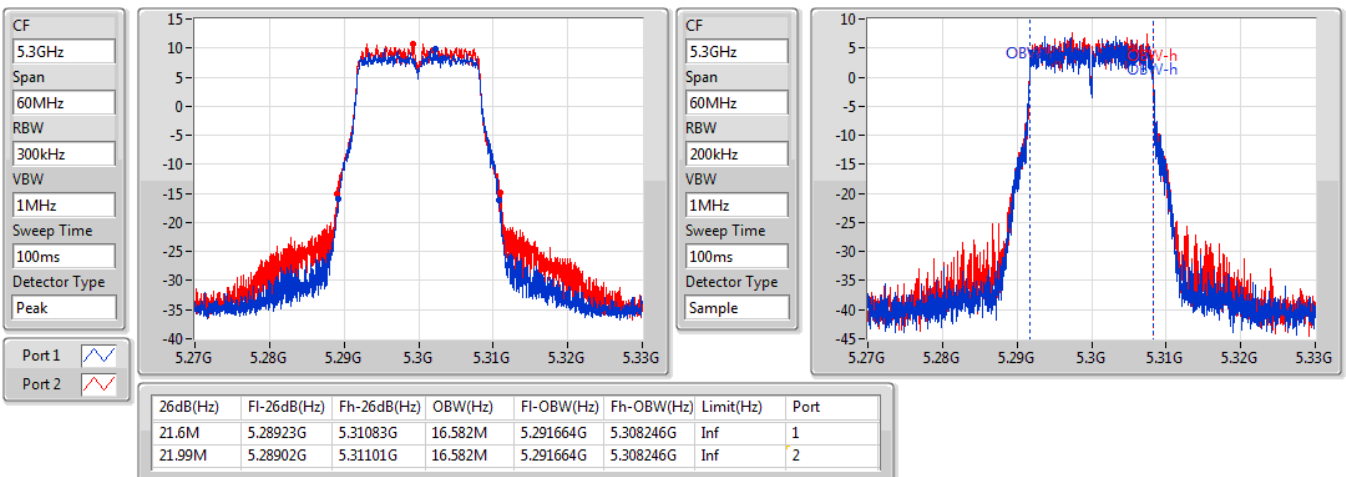
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5260MHz**

31/10/2019

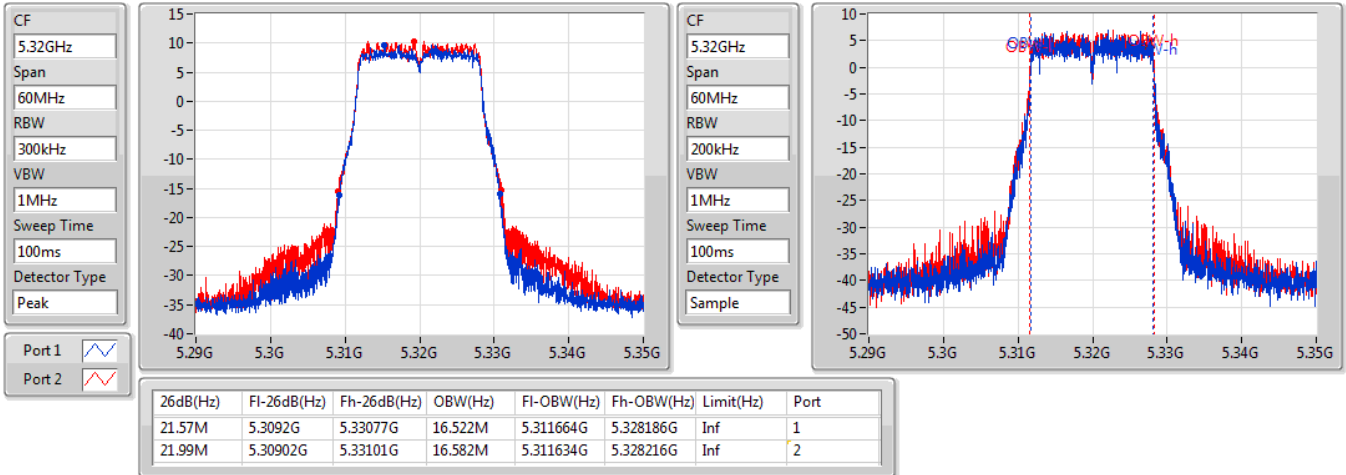

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

31/10/2019

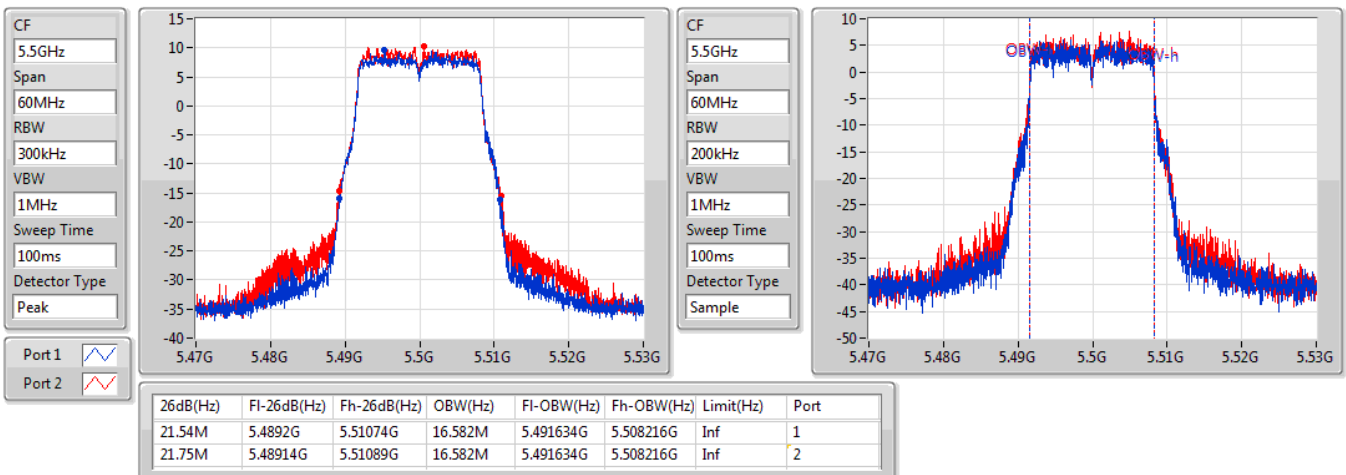


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5320MHz**

31/10/2019

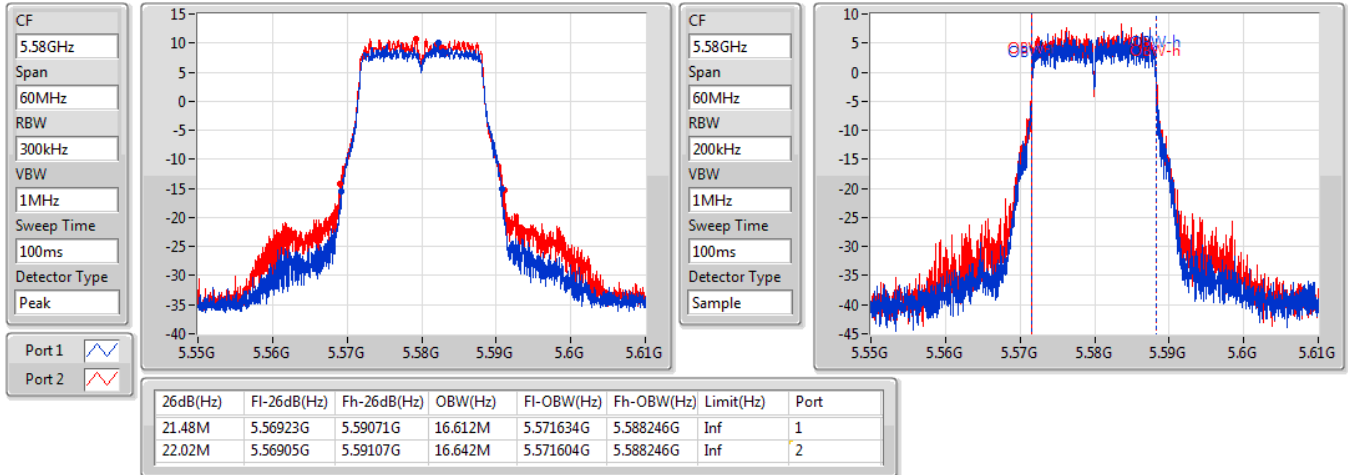

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5500MHz**

31/10/2019

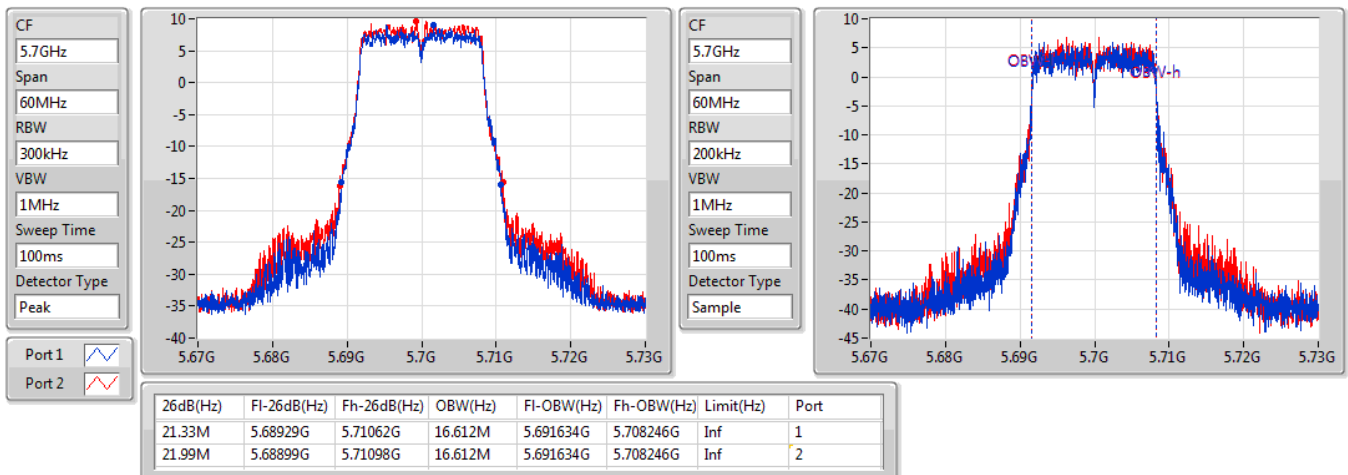


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

01/11/2019

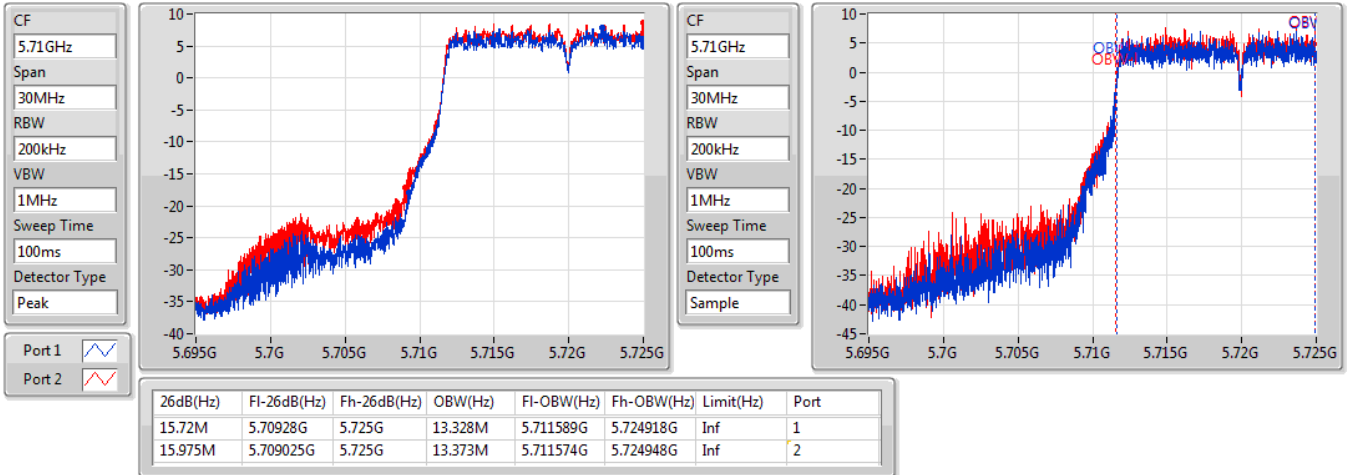

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5700MHz**

01/11/2019

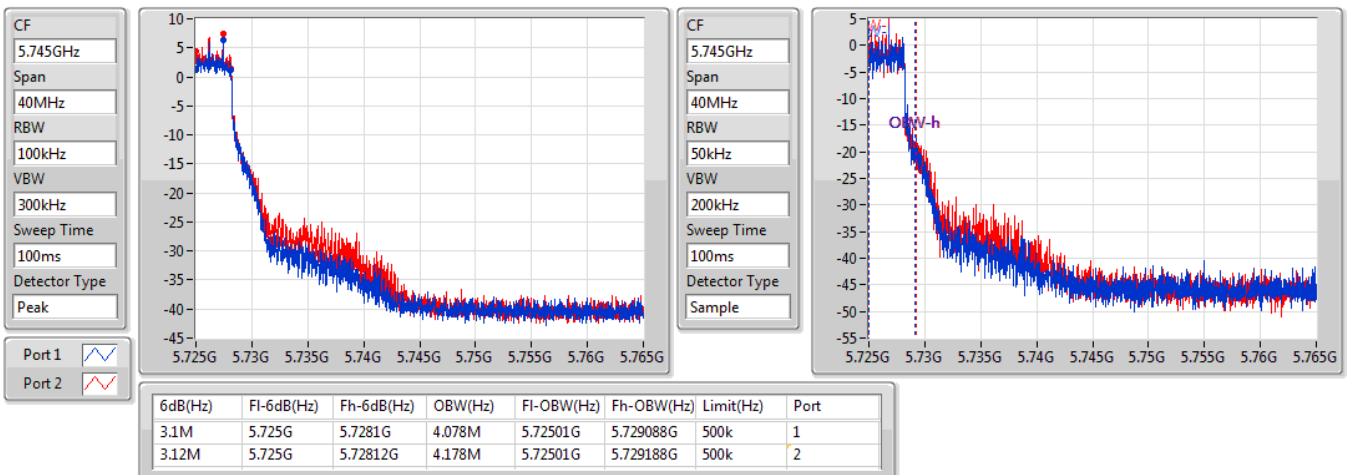


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

01/11/2019

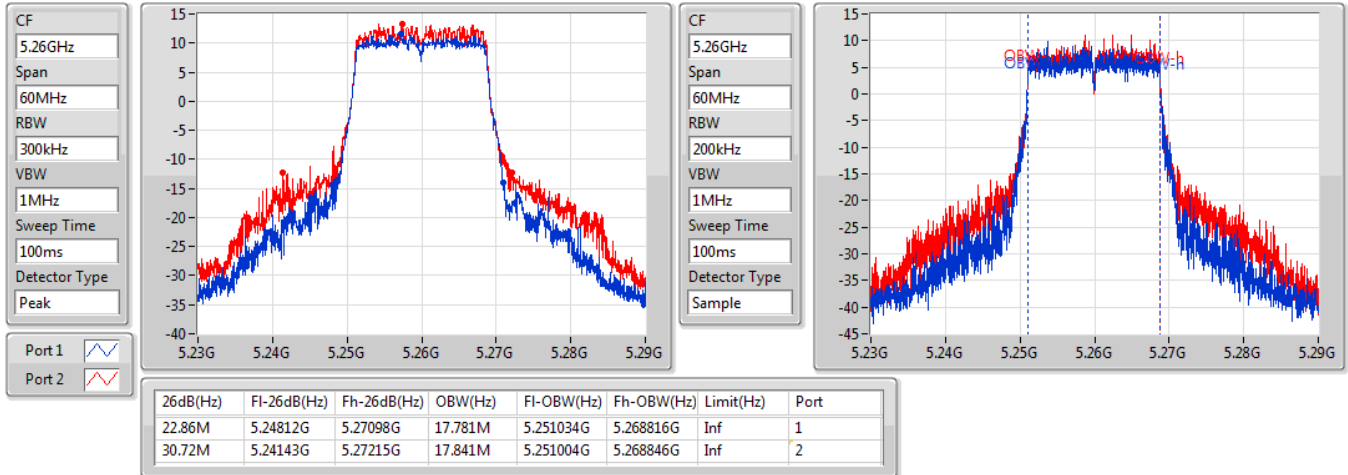

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

01/11/2019

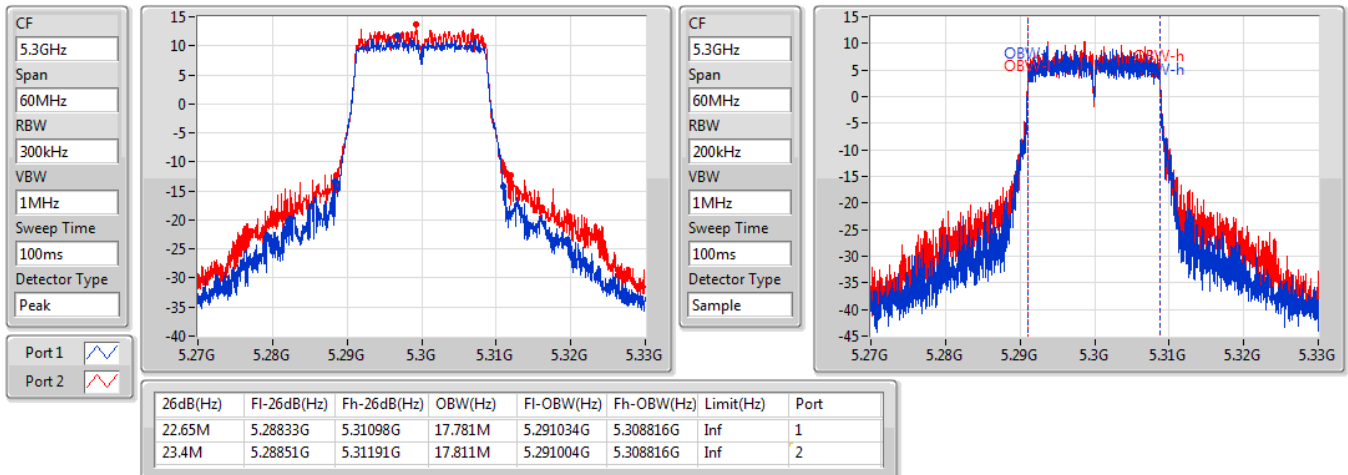


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

01/11/2019

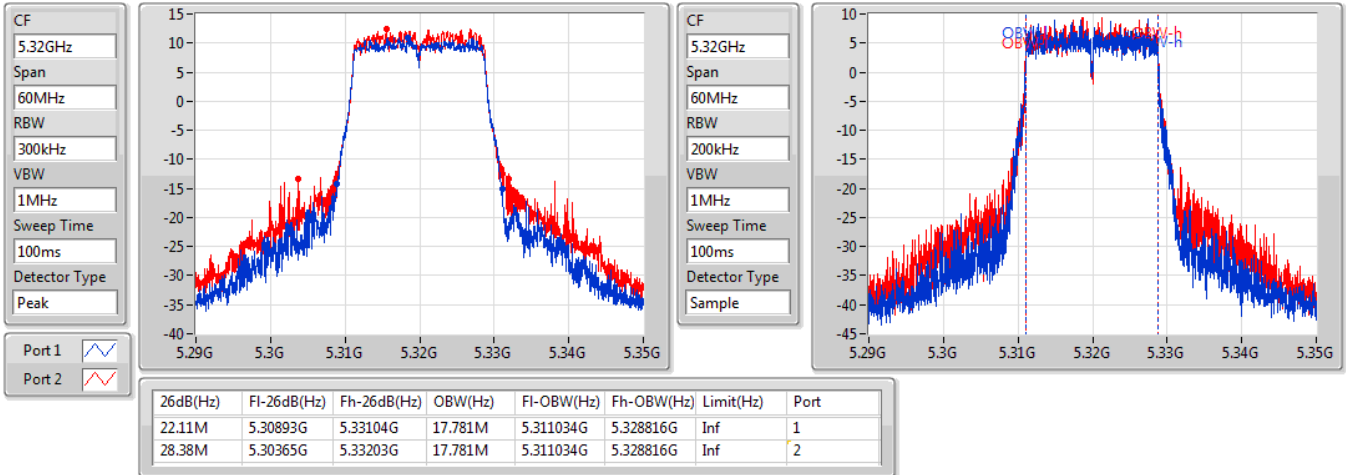

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

01/11/2019

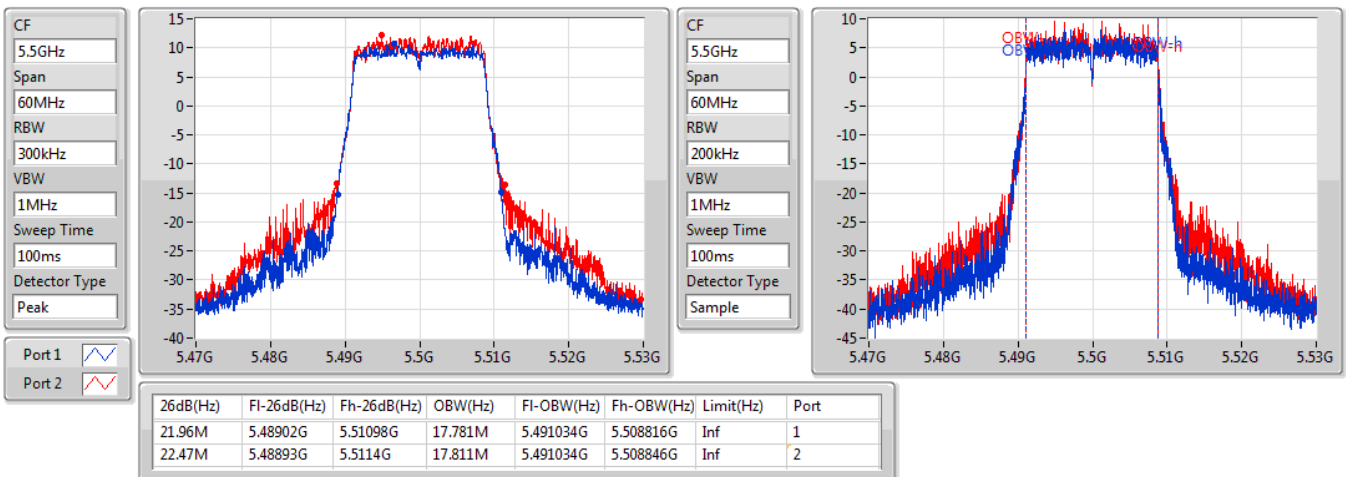


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

01/11/2019

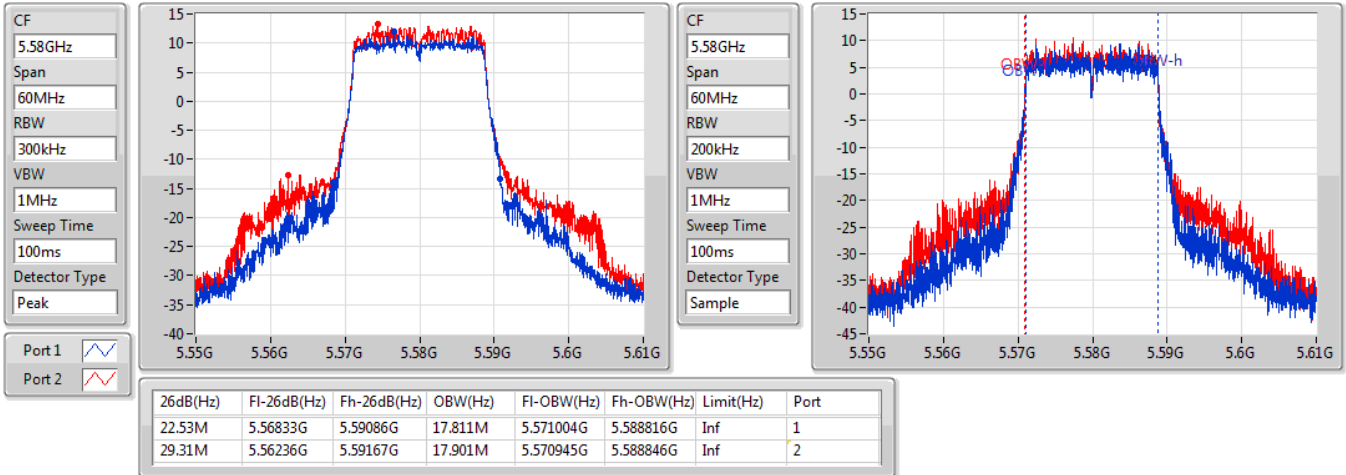

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

01/11/2019

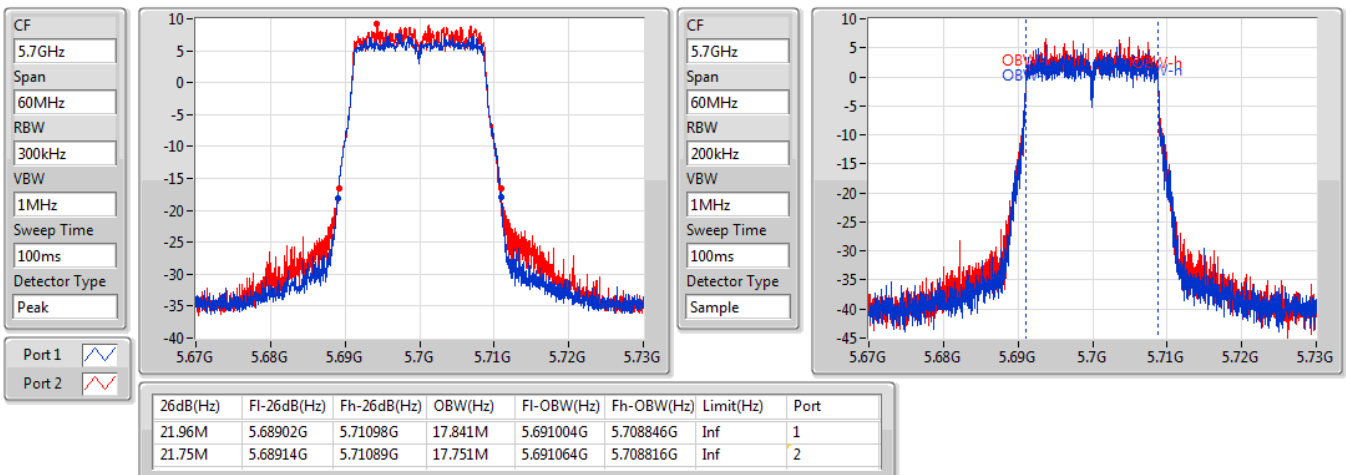


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

01/11/2019

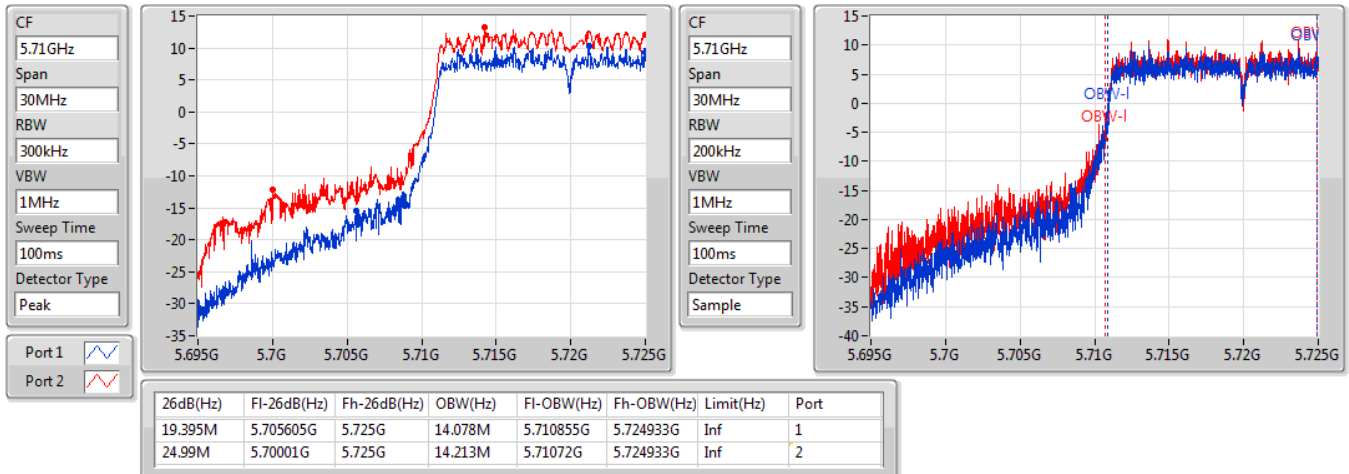

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

01/11/2019

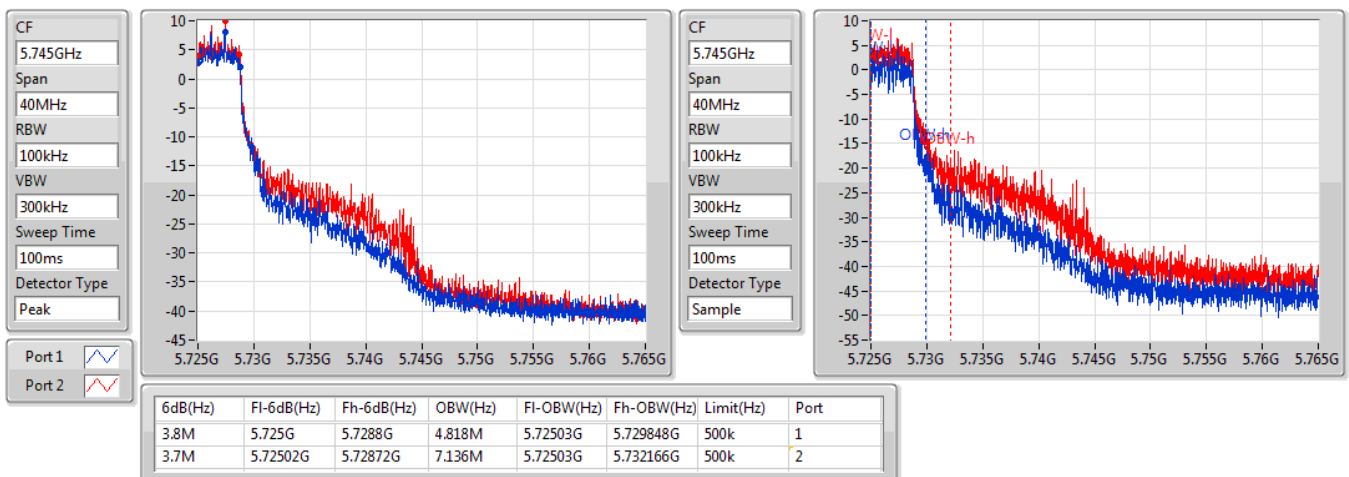


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

01/11/2019

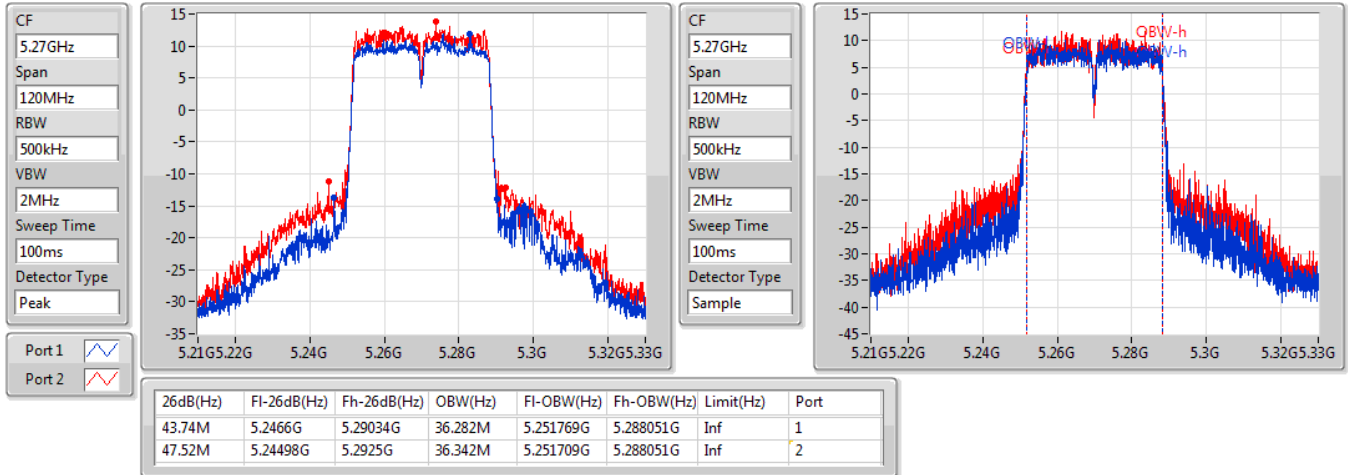

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

01/11/2019

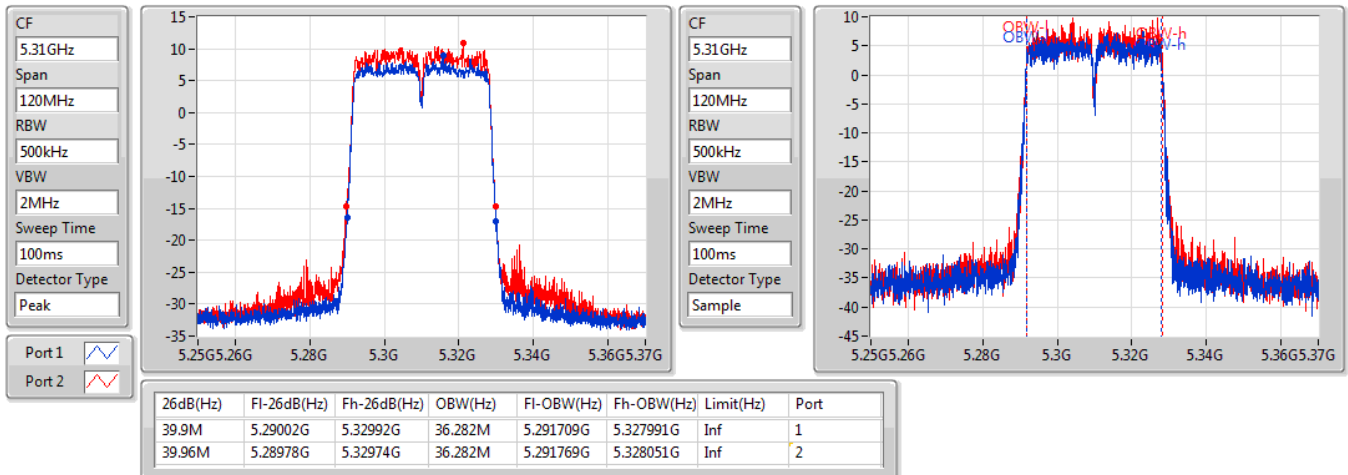


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

01/11/2019

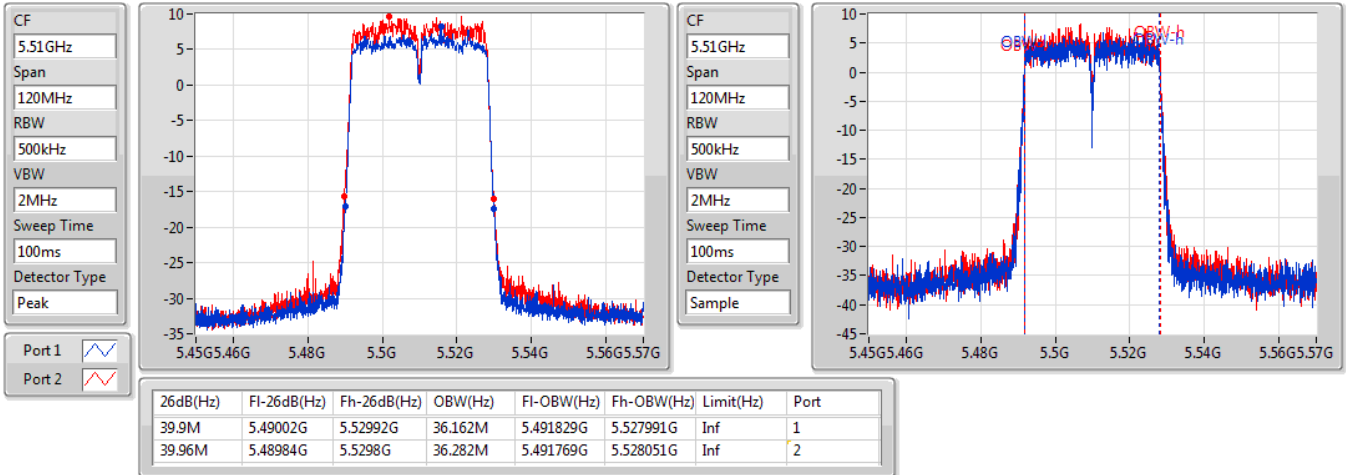

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

01/11/2019

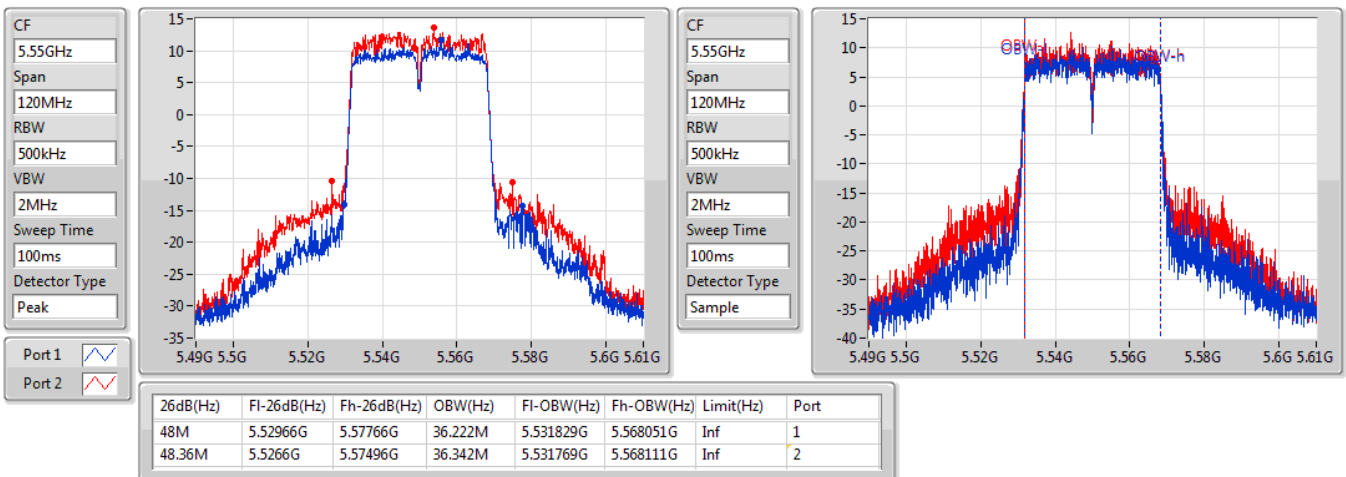


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

01/11/2019

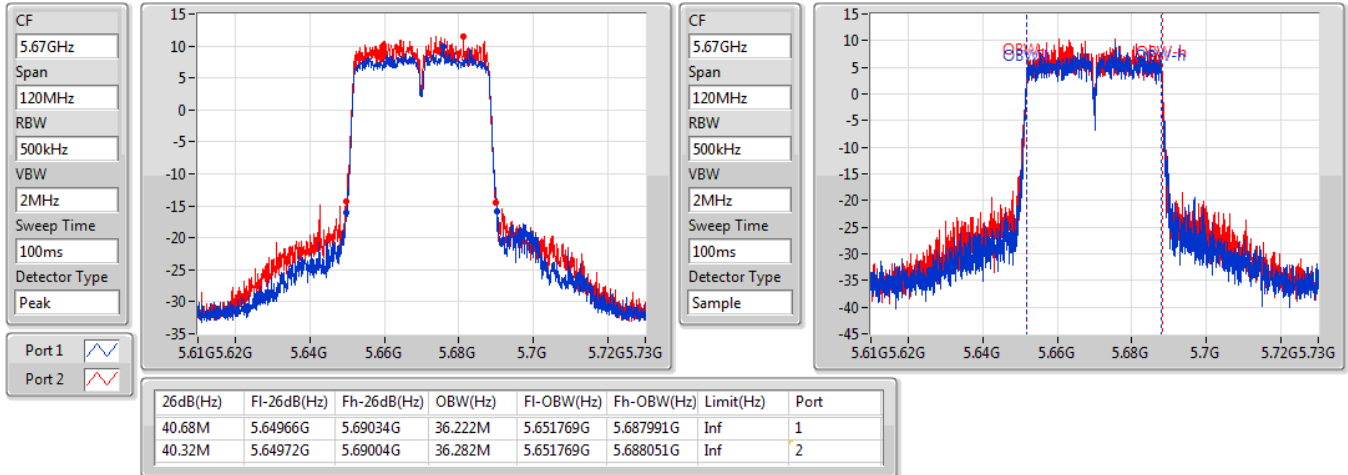

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

01/11/2019

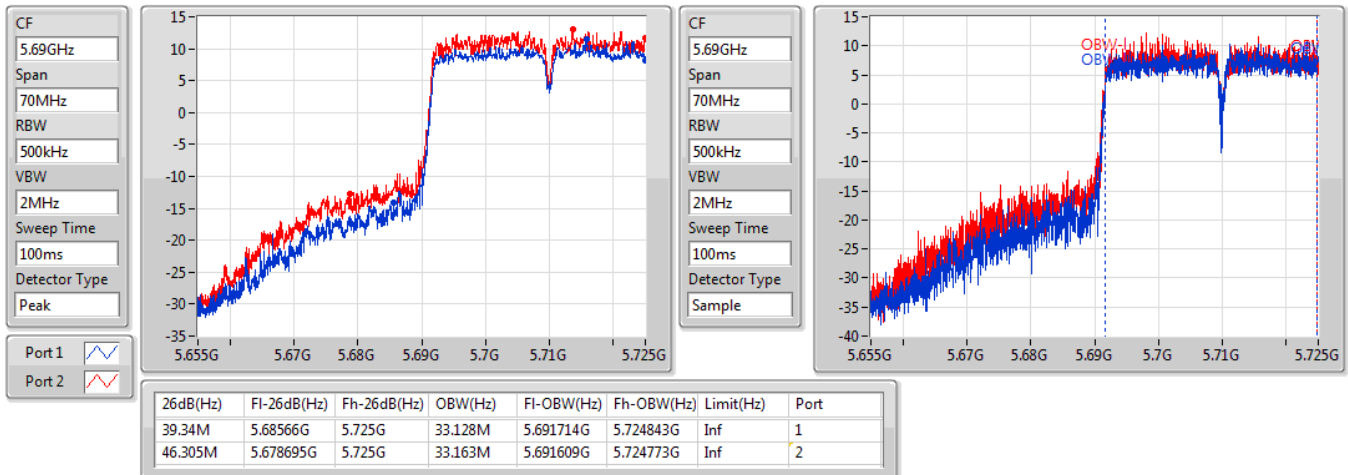


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

01/11/2019

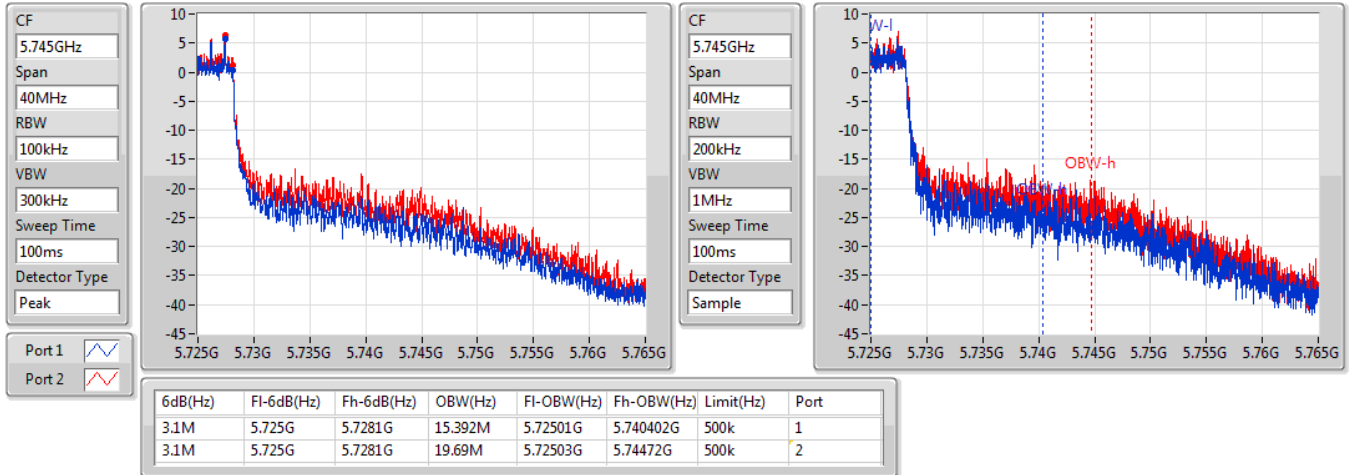

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

01/11/2019

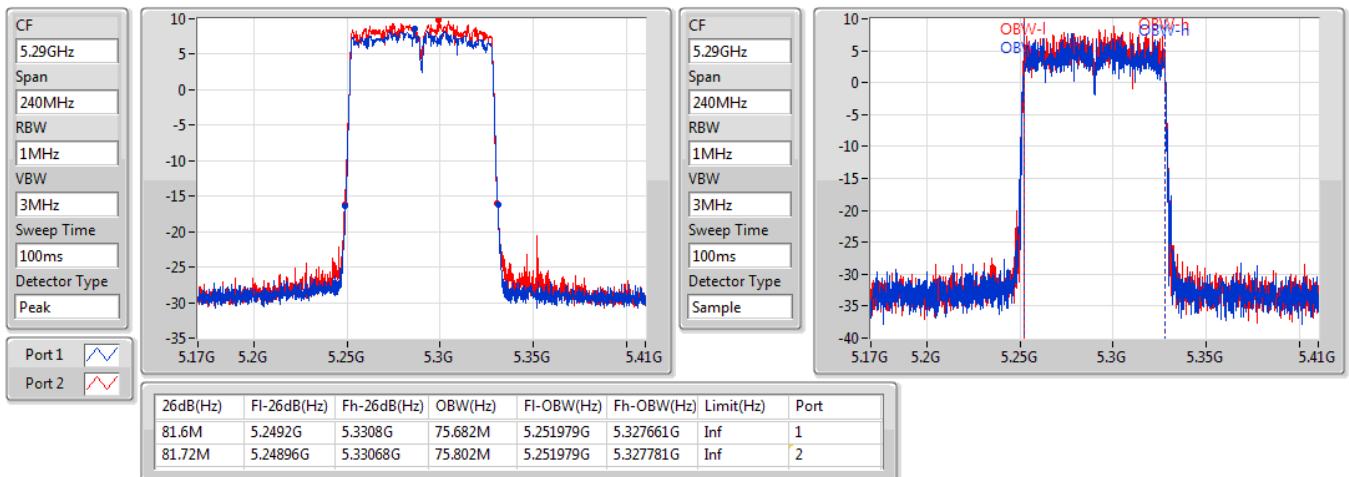


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

01/11/2019

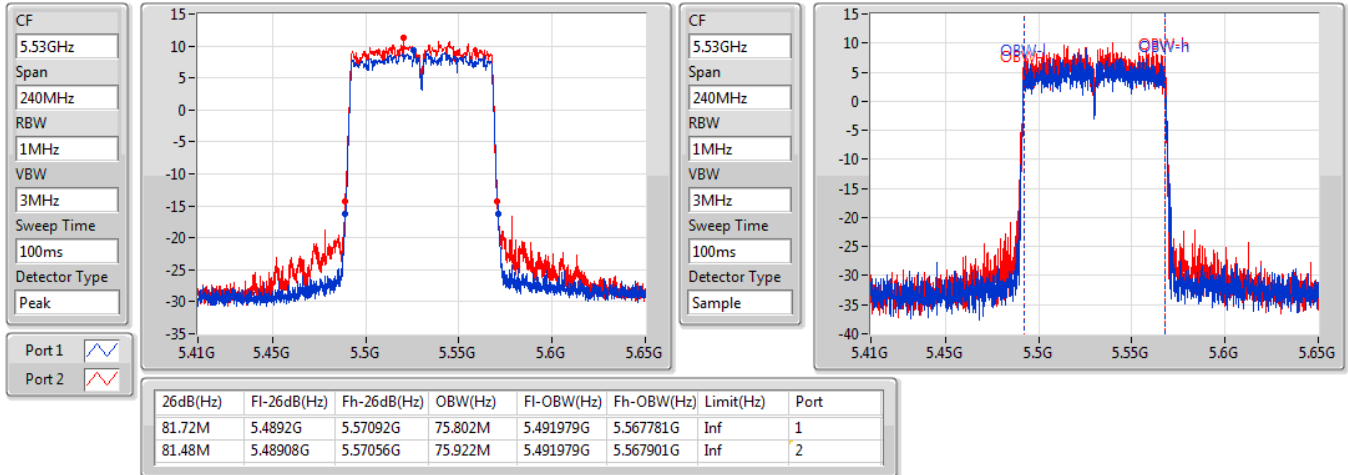

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

01/11/2019

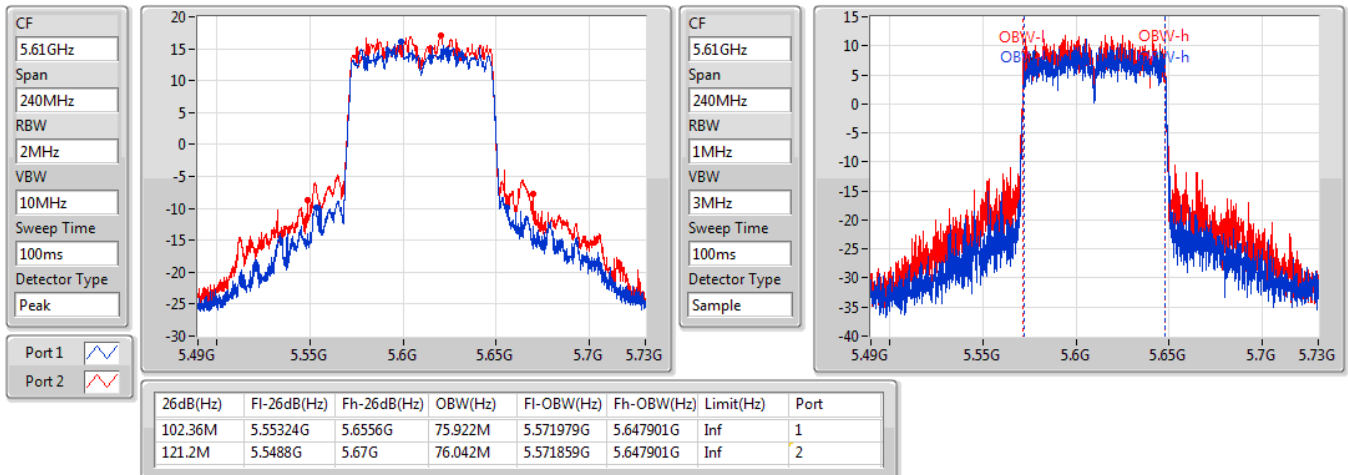


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

01/11/2019

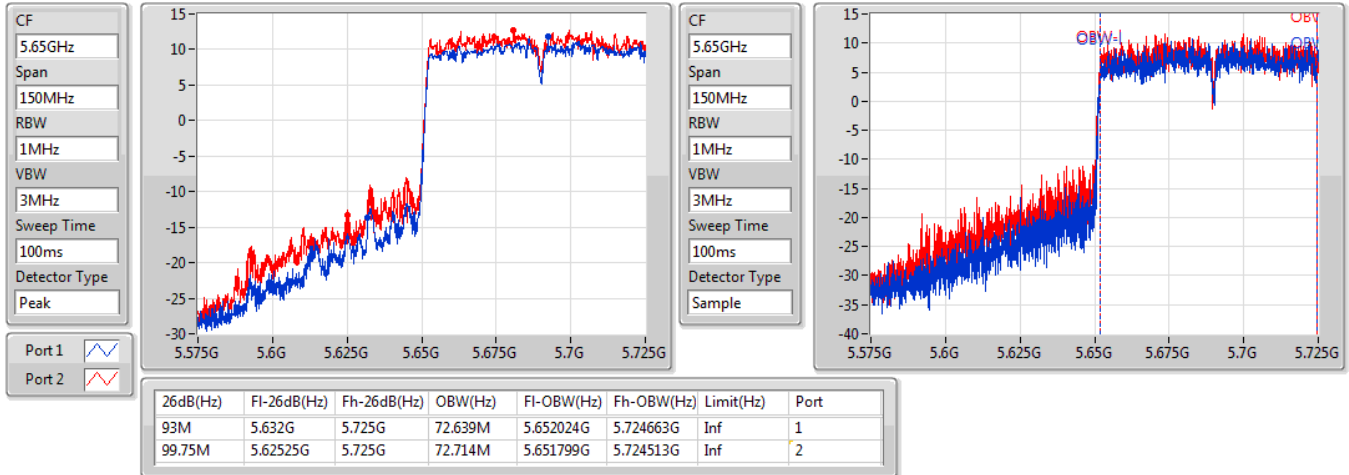

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

01/11/2019

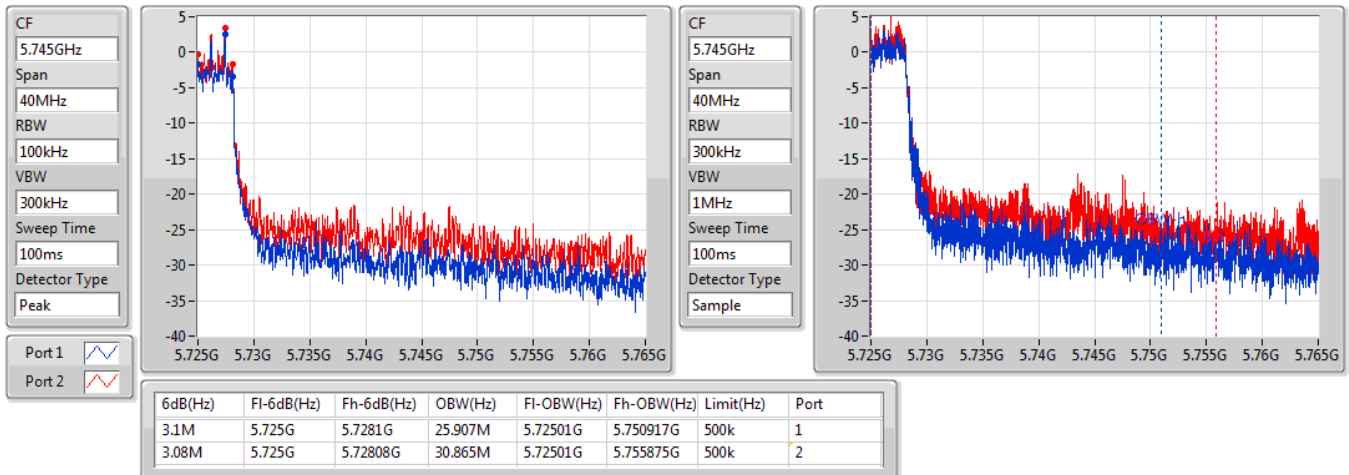


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

01/11/2019

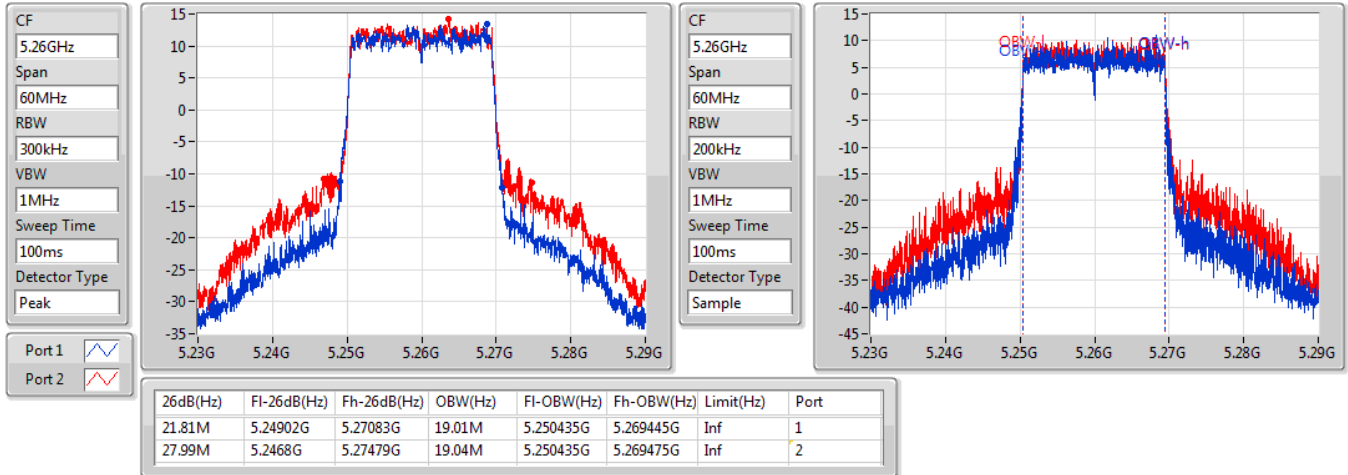

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

01/11/2019

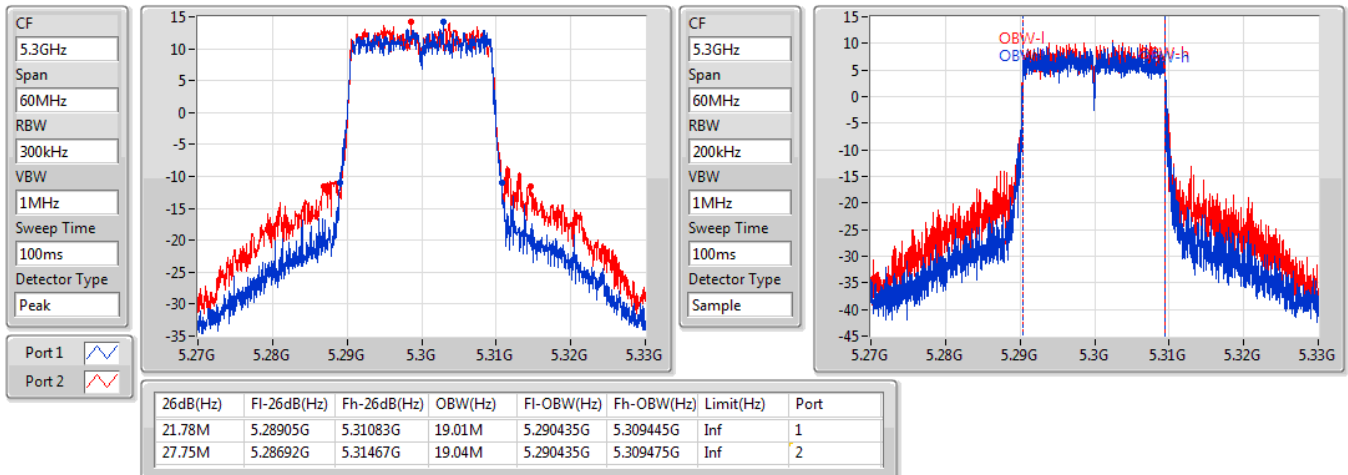


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

01/11/2019

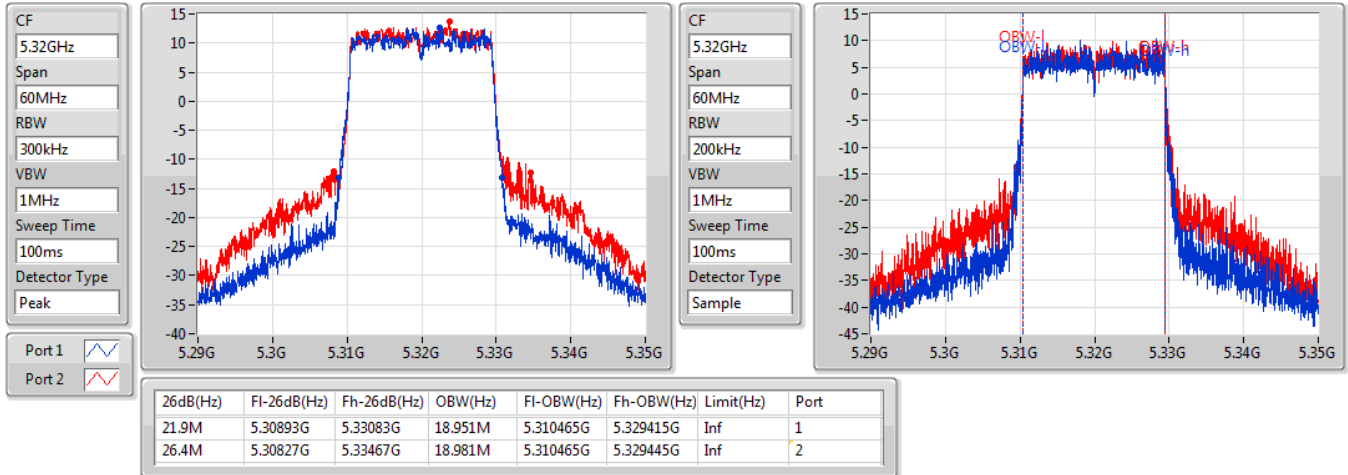

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

01/11/2019

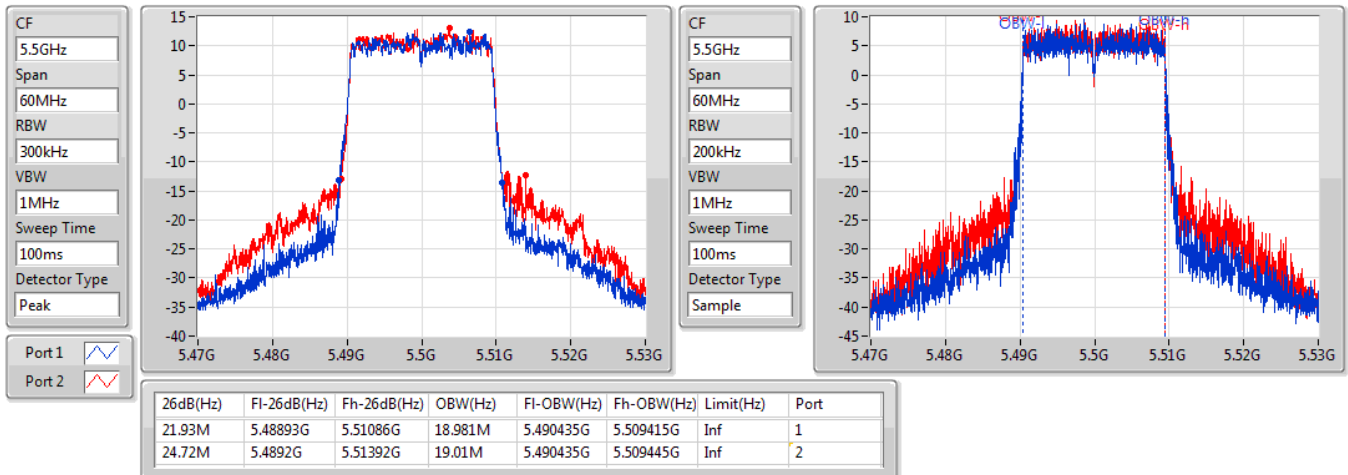


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

01/11/2019

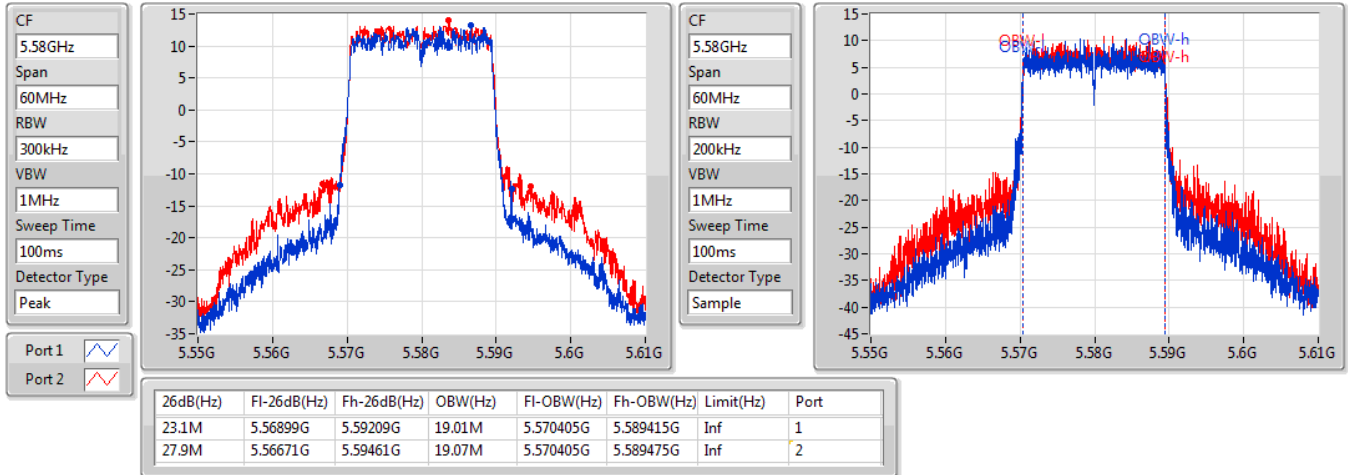

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

01/11/2019

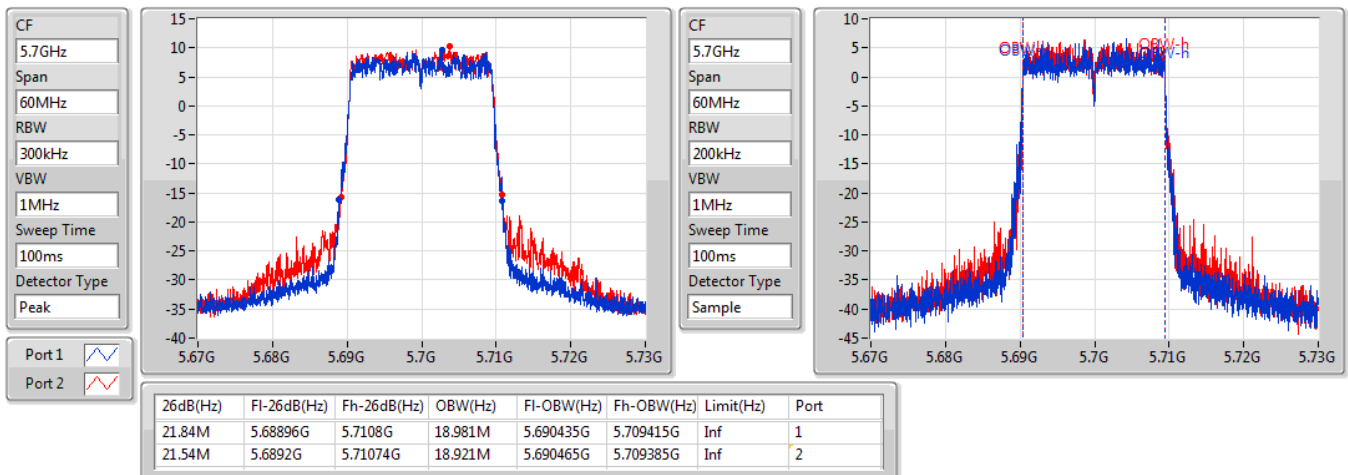


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

01/11/2019

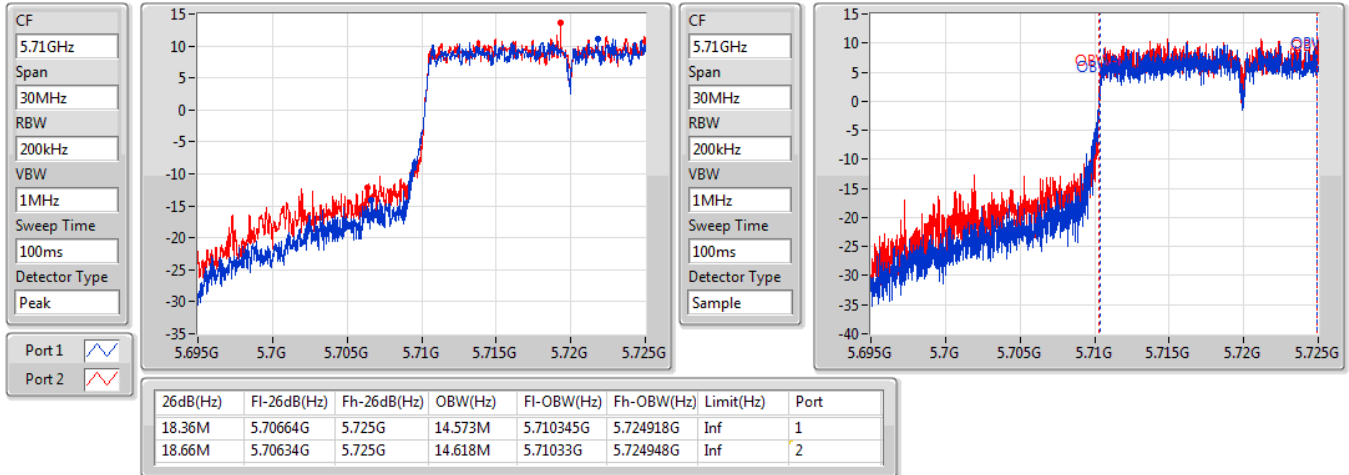

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

01/11/2019

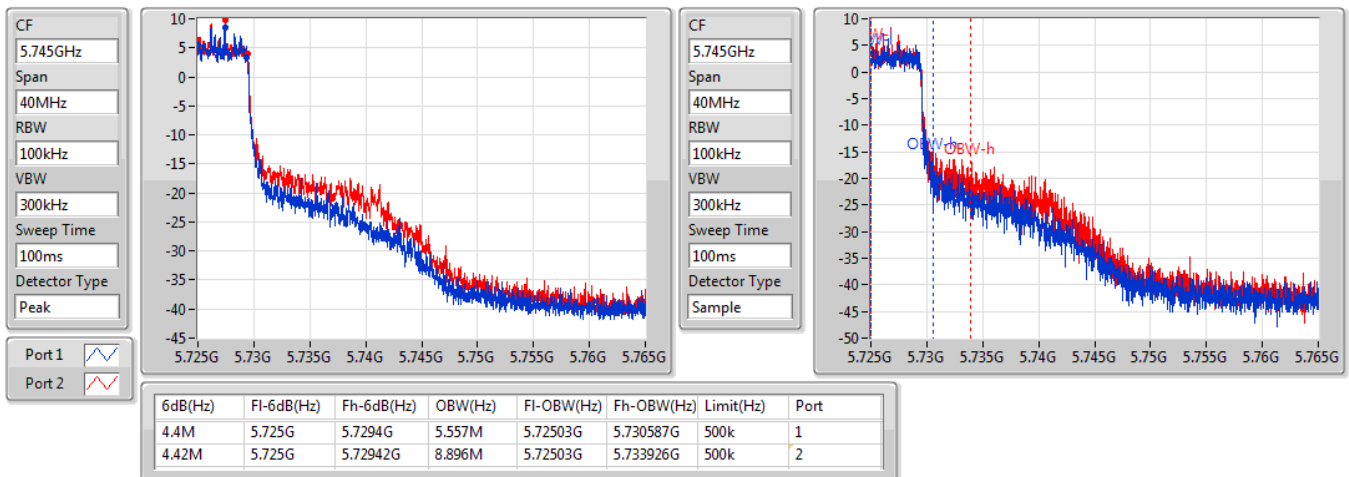


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

01/11/2019

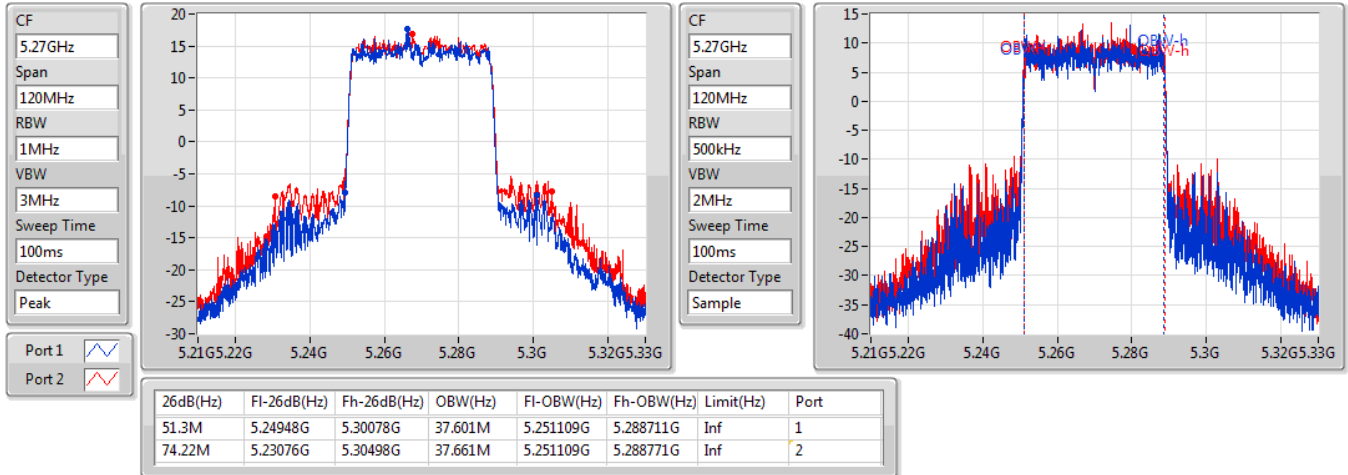

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

01/11/2019

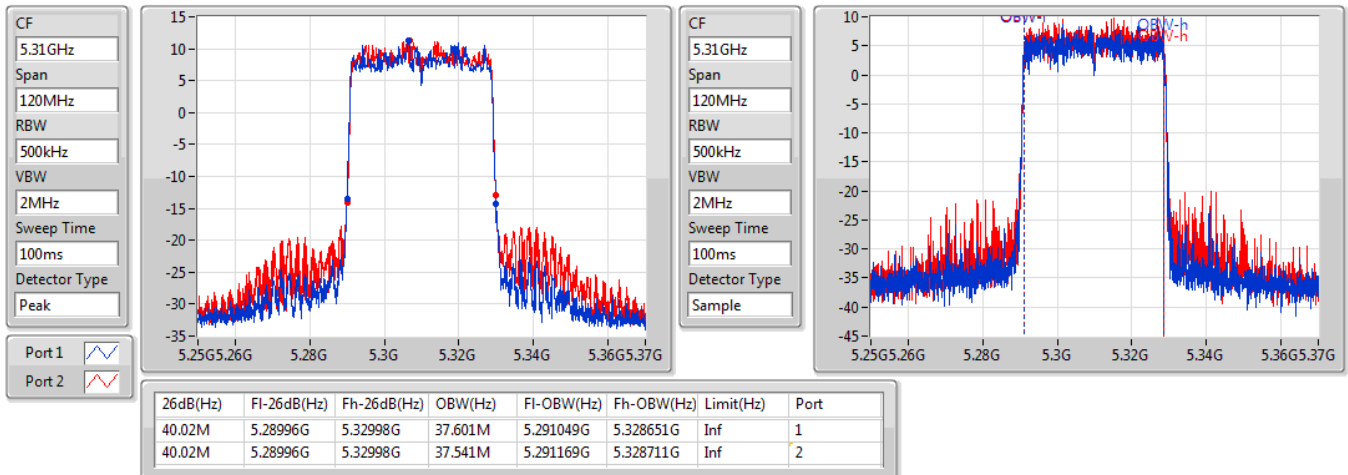


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

01/11/2019

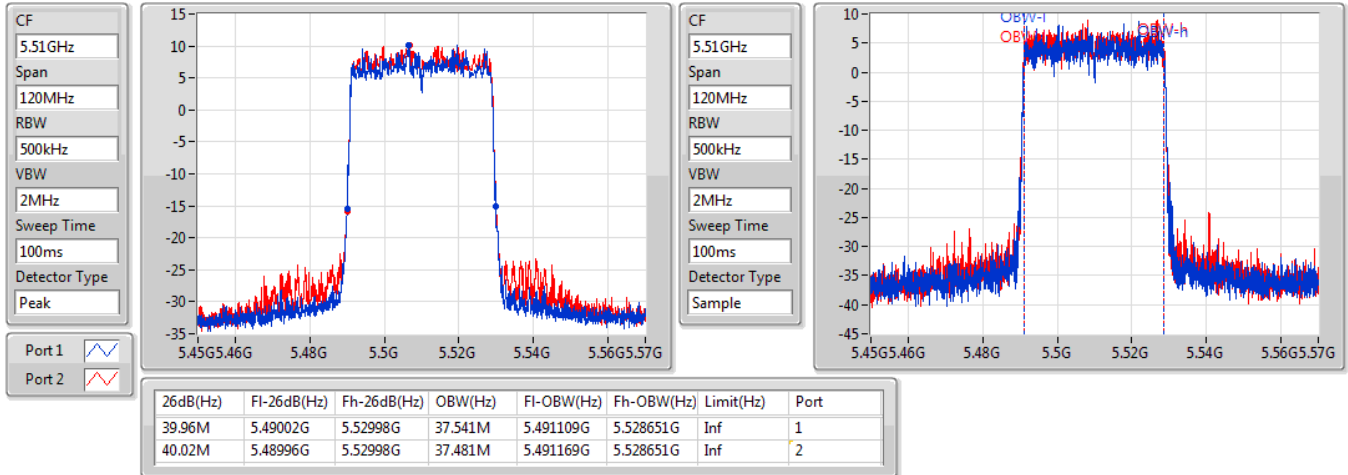

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

01/11/2019

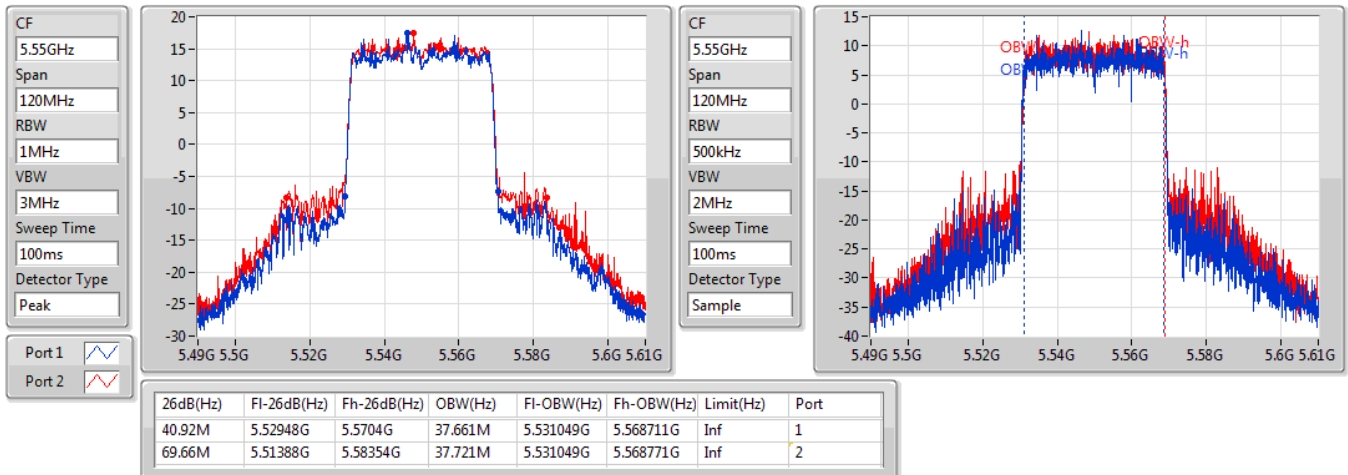


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

01/11/2019

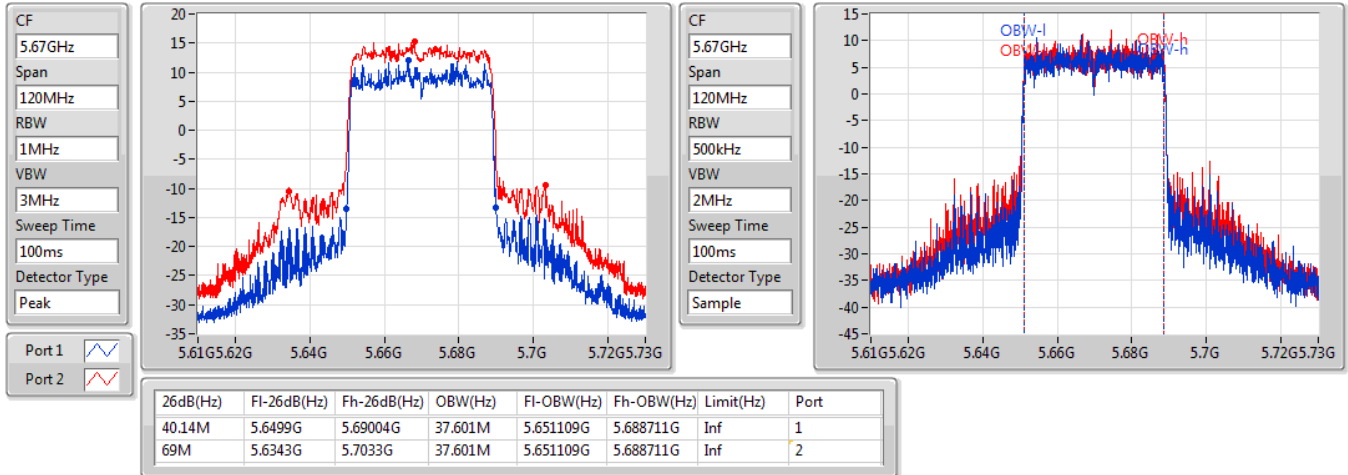

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

01/11/2019

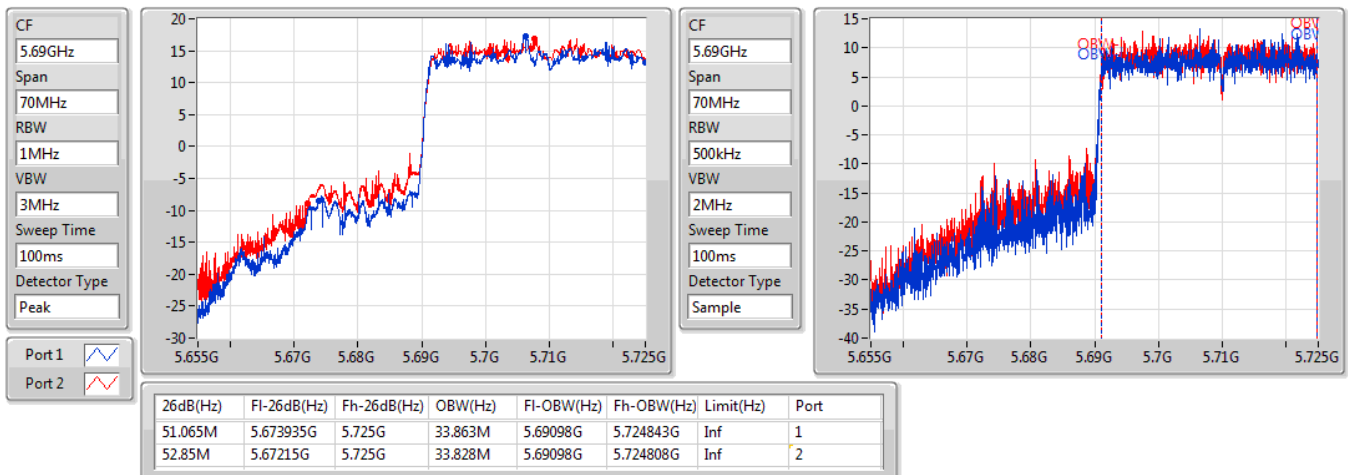


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

01/11/2019

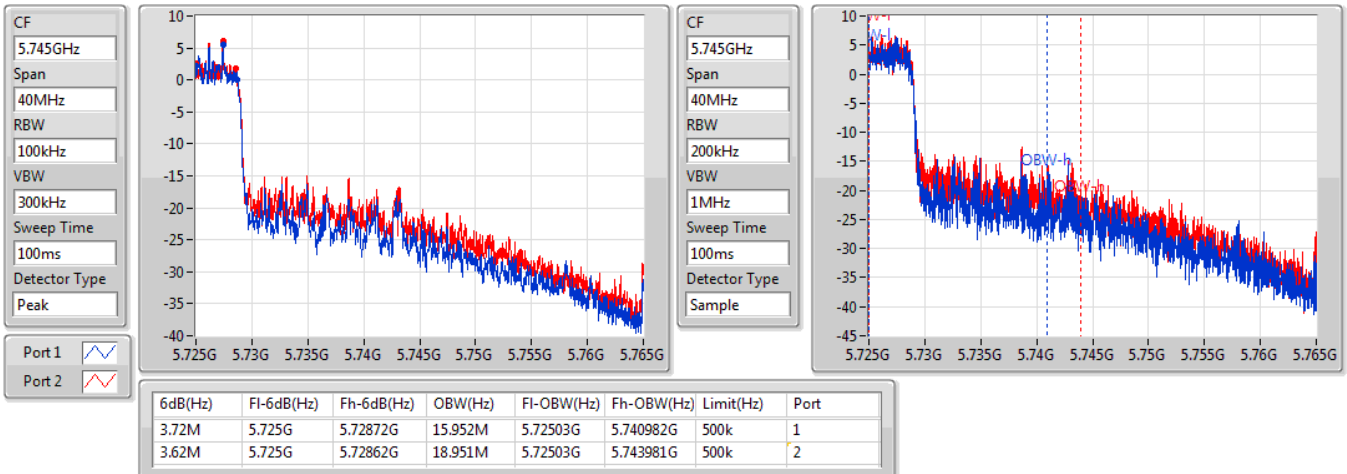

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

01/11/2019

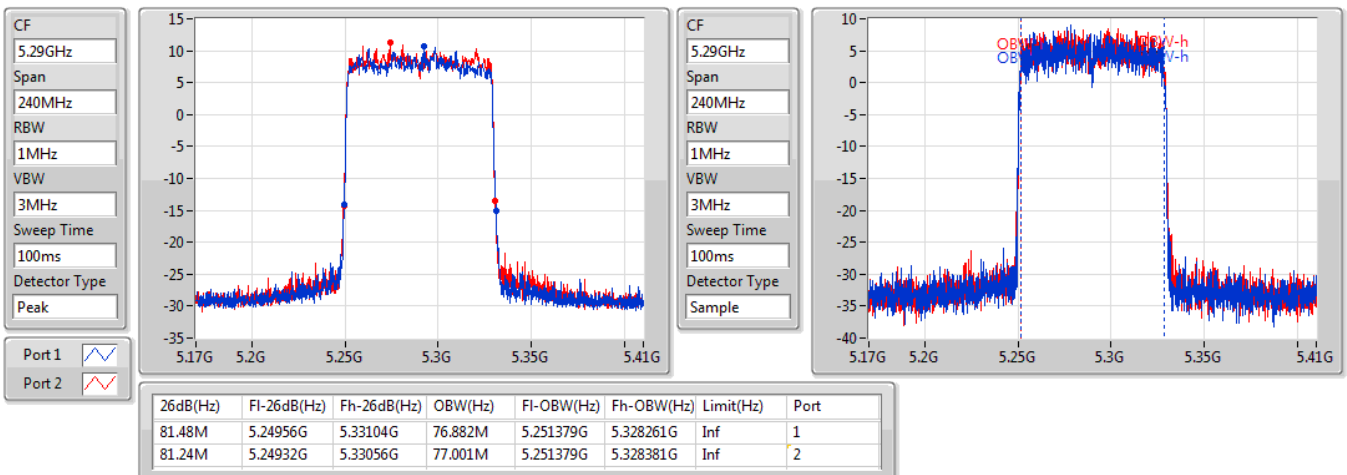


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

01/11/2019

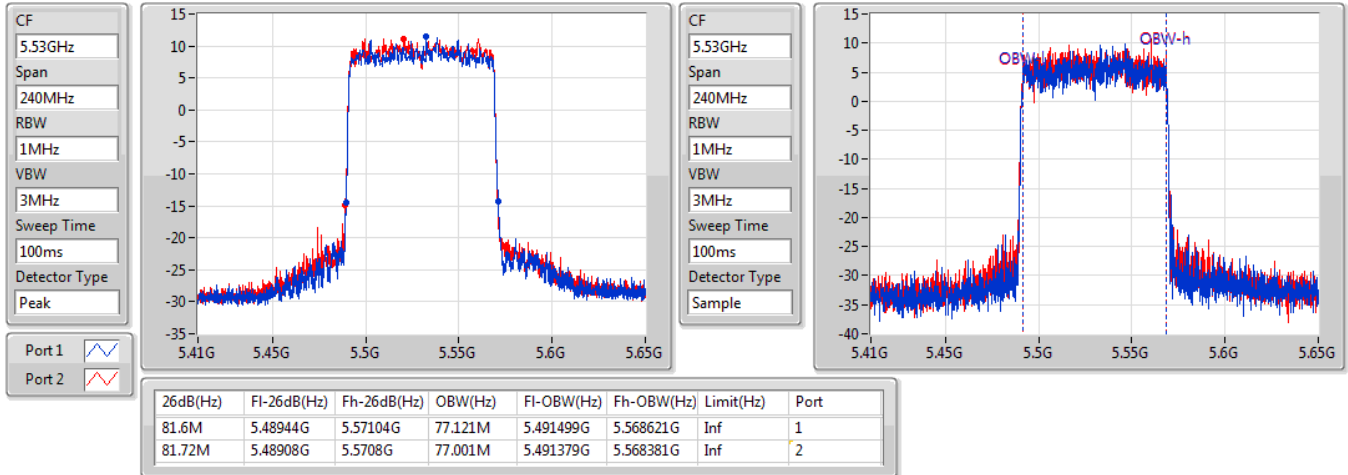

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

01/11/2019

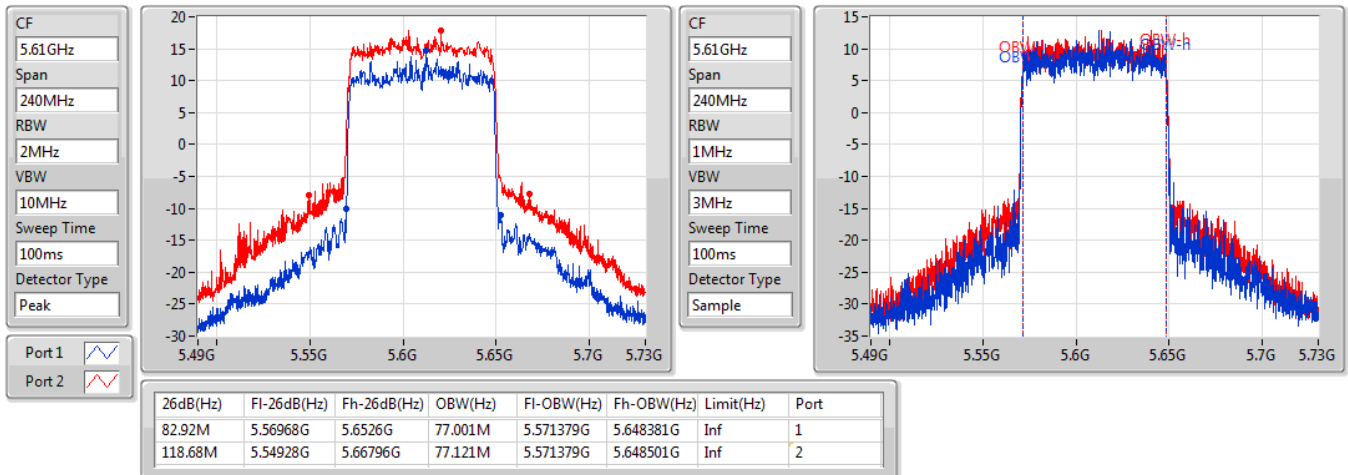


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

01/11/2019

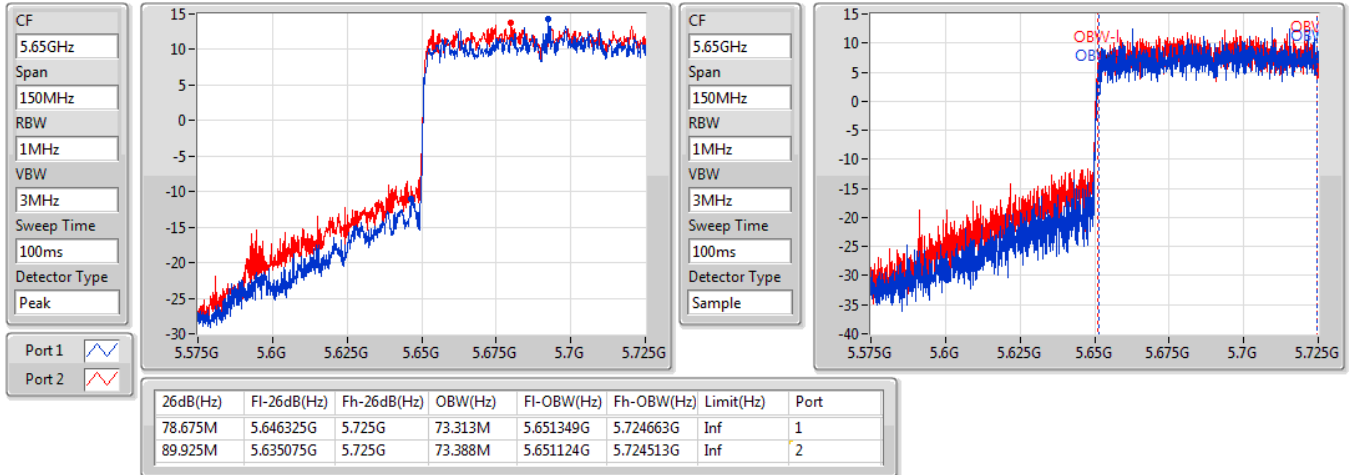

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

01/11/2019

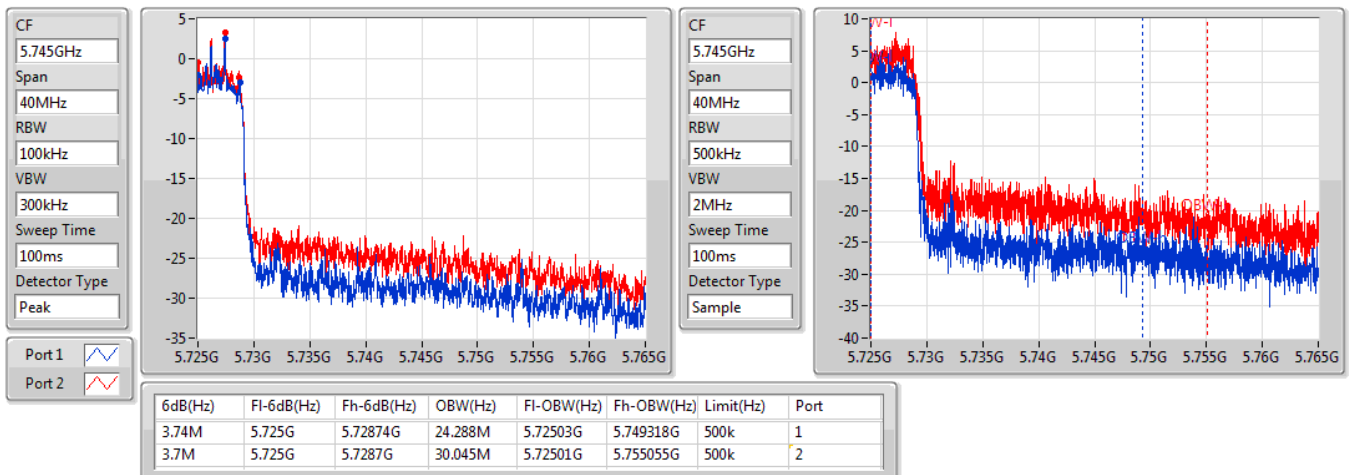


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

01/11/2019


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

01/11/2019



**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                      | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.81M           | 17.811M         | 17M8D1D  | 21.72M           | 17.751M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.2M            | 36.282M         | 36M3D1D  | 39.78M           | 36.222M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 81.96M           | 75.682M         | 75M7D1D  | 81.24M           | 75.682M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 22.32M           | 18.981M         | 19M0D1D  | 21.51M           | 18.951M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.08M           | 37.661M         | 37M7D1D  | 39.84M           | 37.481M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.44M           | 77.241M         | 77M2D1D  | 81.96M           | 77.121M         |
| 5.47-5.725GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.93M           | 17.841M         | 17M8D1D  | 15.855M          | 13.898M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 41.64M           | 36.342M         | 36M3D1D  | 35M              | 33.023M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 82.56M           | 75.802M         | 75M8D1D  | 75.825M          | 72.489M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 22.23M           | 19.01M          | 19M0D1D  | 15.795M          | 14.498M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 41.82M           | 37.601M         | 37M6D1D  | 34.965M          | 33.653M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.56M           | 77.241M         | 77M2D1D  | 75.9M            | 73.163M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 3.76M            | 4.378M          | 4M38D1D  | 3.74M            | 4.338M          |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 3.12M            | 4.878M          | 4M88D1D  | 3.12M            | 4.218M          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 3.12M            | 15.372M         | 15M4D1D  | 3.12M            | 9.575M          |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 4.46M            | 4.518M          | 4M52D1D  | 4.44M            | 4.518M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 3.8M             | 4.358M          | 4M36D1D  | 3.72M            | 4.078M          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.76M            | 13.873M         | 13M9D1D  | 3.72M            | 9.975M          |

**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) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 21.81M              | 17.781M            | 21.81M              | 17.751M            |
| 5300MHz                           | Pass   | Inf           | 21.75M              | 17.811M            | 21.78M              | 17.781M            |
| 5320MHz                           | Pass   | Inf           | 21.72M              | 17.811M            | 21.81M              | 17.781M            |
| 5500MHz                           | Pass   | Inf           | 21.81M              | 17.841M            | 21.72M              | 17.781M            |
| 5580MHz                           | Pass   | Inf           | 21.81M              | 17.781M            | 21.93M              | 17.781M            |
| 5700MHz                           | Pass   | Inf           | 21.78M              | 17.781M            | 21.84M              | 17.781M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 17.175M             | 13.898M            | 15.855M             | 13.928M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.74M               | 4.378M             | 3.76M               | 4.338M             |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.2M               | 36.282M            | 39.78M              | 36.222M            |
| 5310MHz                           | Pass   | Inf           | 40.2M               | 36.222M            | 39.96M              | 36.282M            |
| 5510MHz                           | Pass   | Inf           | 40.2M               | 36.282M            | 39.96M              | 36.282M            |
| 5550MHz                           | Pass   | Inf           | 40.26M              | 36.222M            | 39.9M               | 36.162M            |
| 5670MHz                           | Pass   | Inf           | 41.64M              | 36.342M            | 40.02M              | 36.342M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 39.13M              | 33.093M            | 35M                 | 33.023M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.12M               | 4.878M             | 3.12M               | 4.218M             |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 81.96M              | 75.682M            | 81.24M              | 75.682M            |
| 5530MHz                           | Pass   | Inf           | 82.2M               | 75.802M            | 81.48M              | 75.682M            |
| 5610MHz                           | Pass   | Inf           | 82.56M              | 75.802M            | 81.6M               | 75.802M            |
| 5690MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 76.35M              | 72.564M            | 75.825M             | 72.489M            |
| 5690MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.12M               | 15.372M            | 3.12M               | 9.575M             |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 22.32M              | 18.981M            | 22.23M              | 18.951M            |
| 5300MHz                           | Pass   | Inf           | 21.72M              | 18.981M            | 21.51M              | 18.981M            |
| 5320MHz                           | Pass   | Inf           | 21.9M               | 18.981M            | 21.6M               | 18.981M            |
| 5500MHz                           | Pass   | Inf           | 21.81M              | 18.951M            | 21.57M              | 18.951M            |
| 5580MHz                           | Pass   | Inf           | 22.23M              | 19.01M             | 21.6M               | 19.01M             |
| 5700MHz                           | Pass   | Inf           | 21.66M              | 19.01M             | 21.48M              | 18.981M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 15.795M             | 14.513M            | 15.81M              | 14.498M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 4.44M               | 4.518M             | 4.46M               | 4.518M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.08M              | 37.481M            | 39.84M              | 37.601M            |
| 5310MHz                           | Pass   | Inf           | 40.02M              | 37.541M            | 39.9M               | 37.661M            |
| 5510MHz                           | Pass   | Inf           | 40.02M              | 37.541M            | 39.84M              | 37.541M            |
| 5550MHz                           | Pass   | Inf           | 39.96M              | 37.541M            | 39.84M              | 37.541M            |
| 5670MHz                           | Pass   | Inf           | 41.82M              | 37.601M            | 39.96M              | 37.541M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 34.965M             | 33.688M            | 34.965M             | 33.653M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.72M               | 4.358M             | 3.8M                | 4.078M             |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 82.44M              | 77.241M            | 81.96M              | 77.121M            |
| 5530MHz                           | Pass   | Inf           | 82.08M              | 77.121M            | 82.08M              | 77.001M            |
| 5610MHz                           | Pass   | Inf           | 82.56M              | 77.241M            | 81.72M              | 77.121M            |



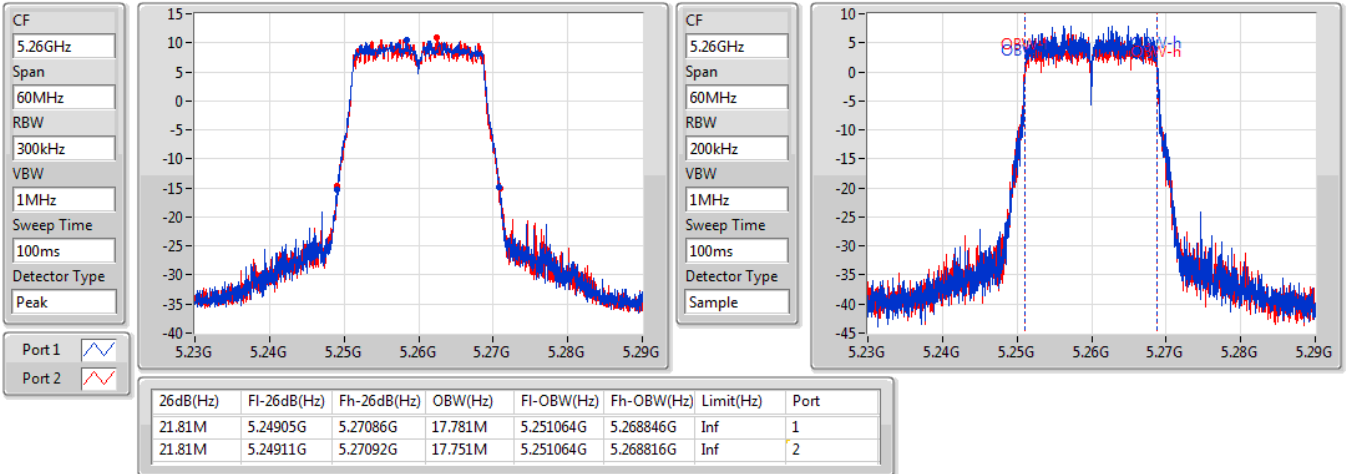
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.9M               | 73.313M            | 75.9M               | 73.163M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.72M               | 13.873M            | 3.76M               | 9.975M             |

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

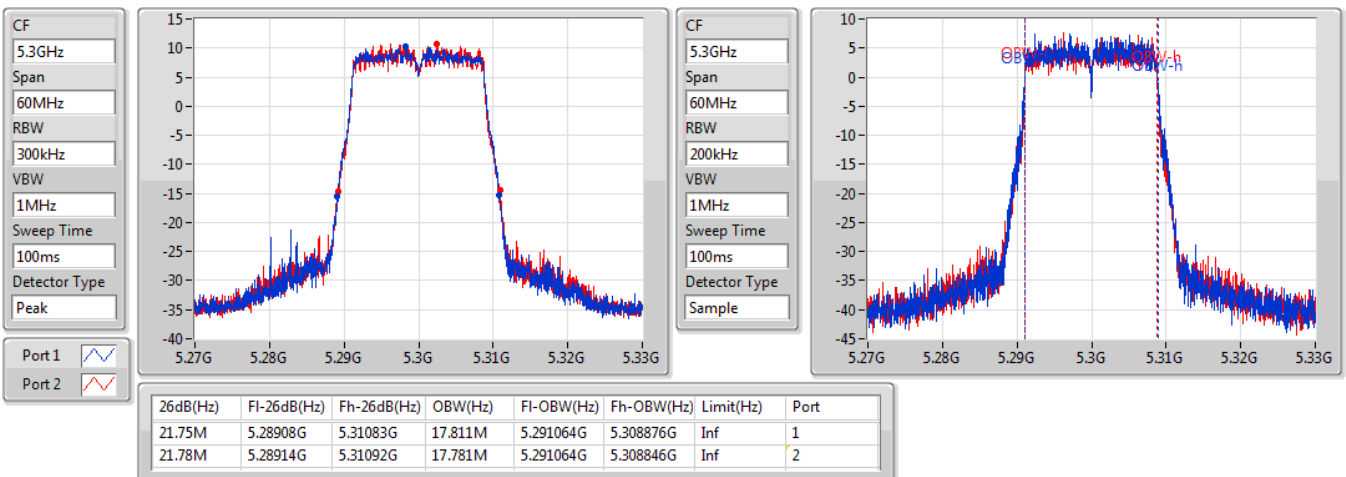
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

01/11/2019

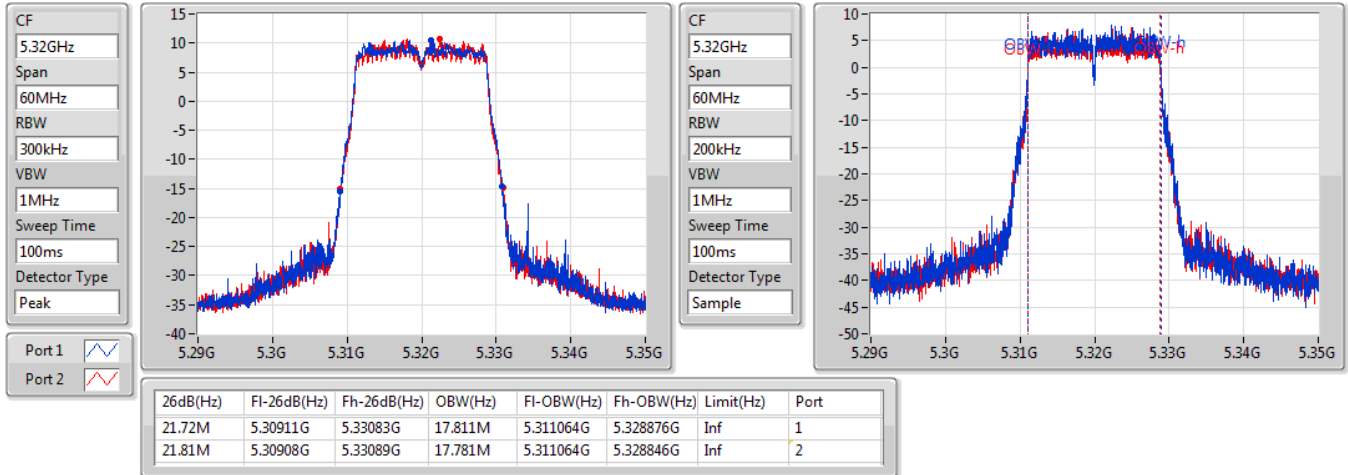

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

01/11/2019

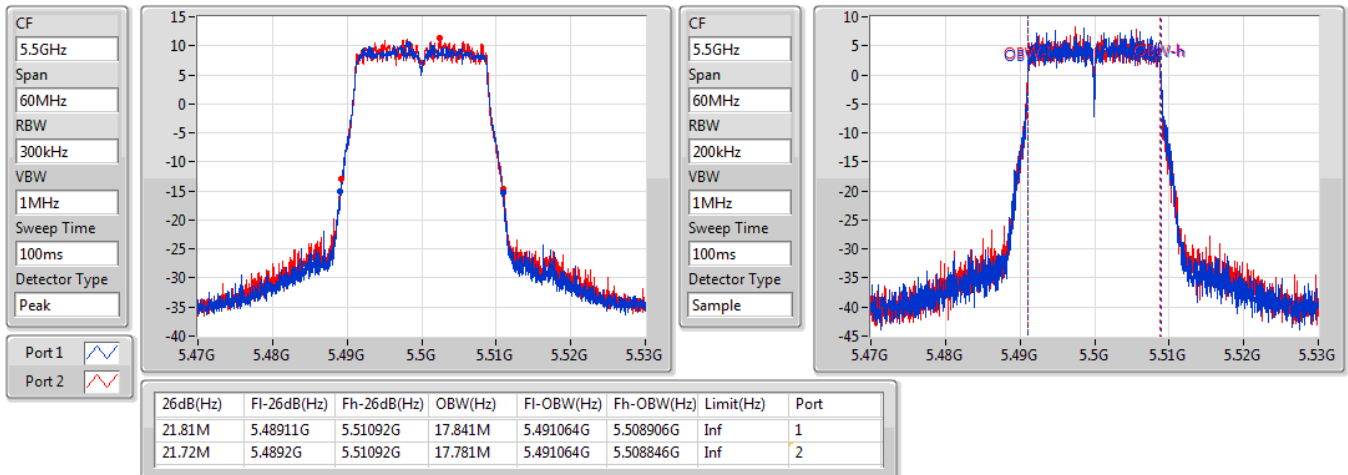


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

01/11/2019

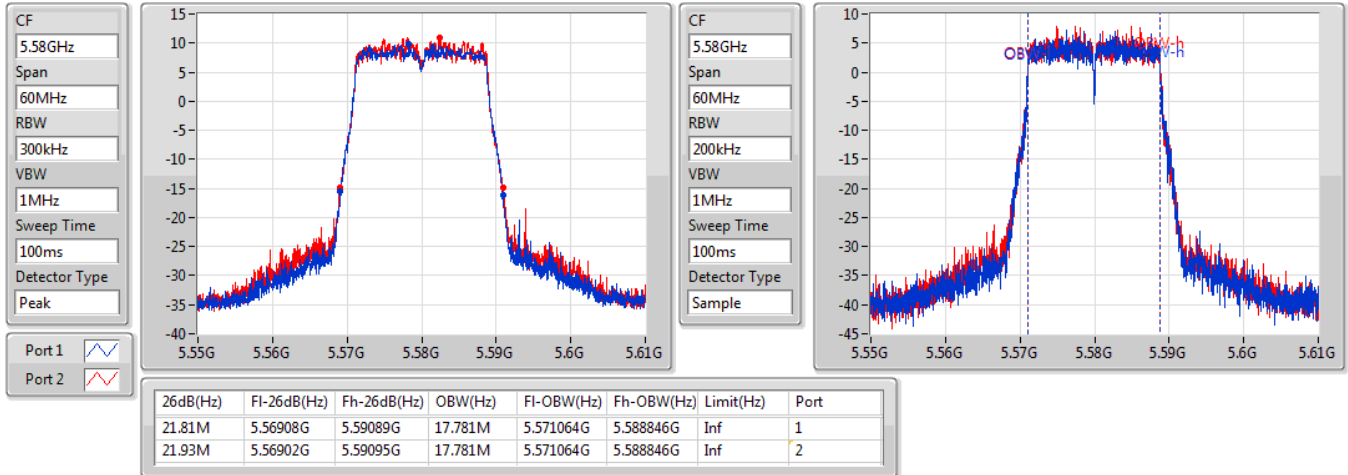

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

01/11/2019

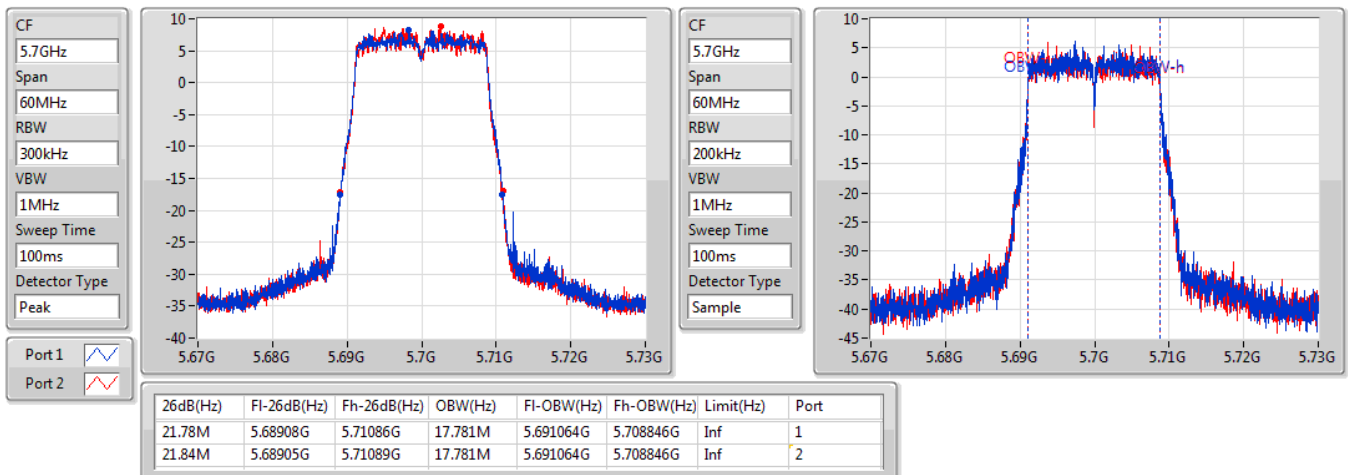


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

01/11/2019

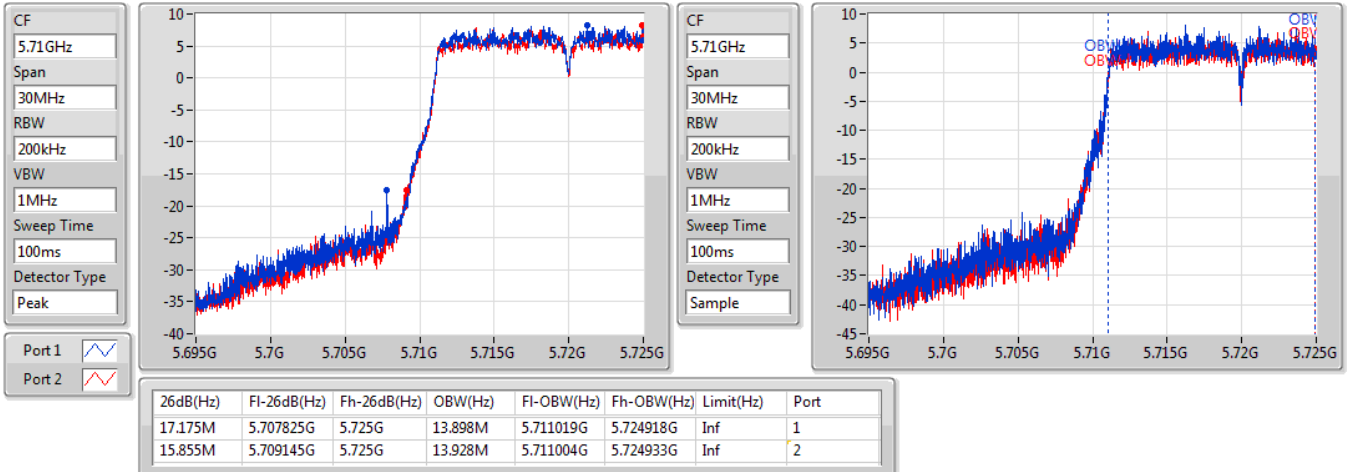

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

01/11/2019

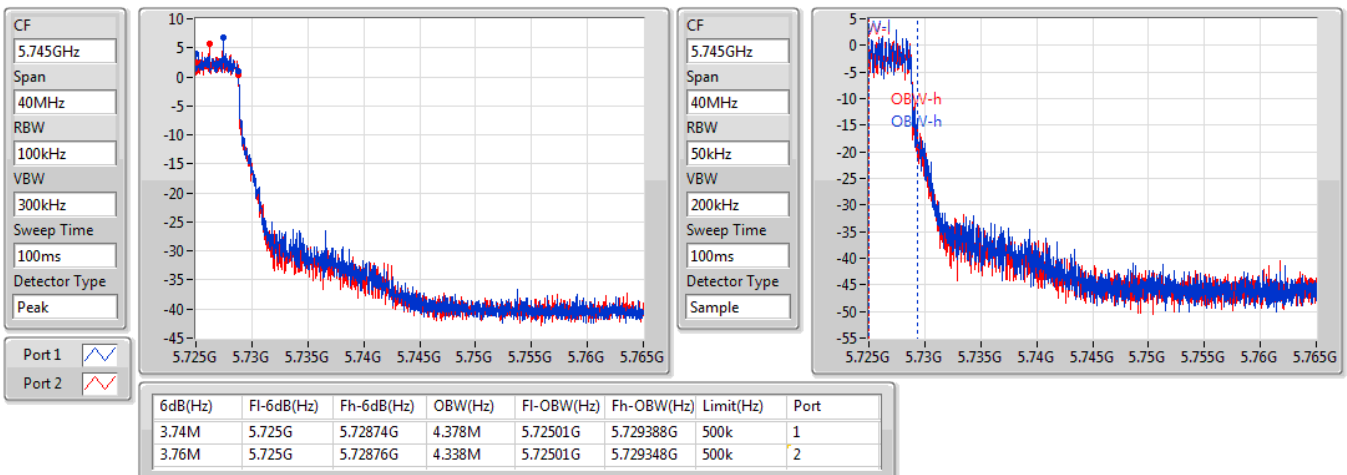


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

01/11/2019

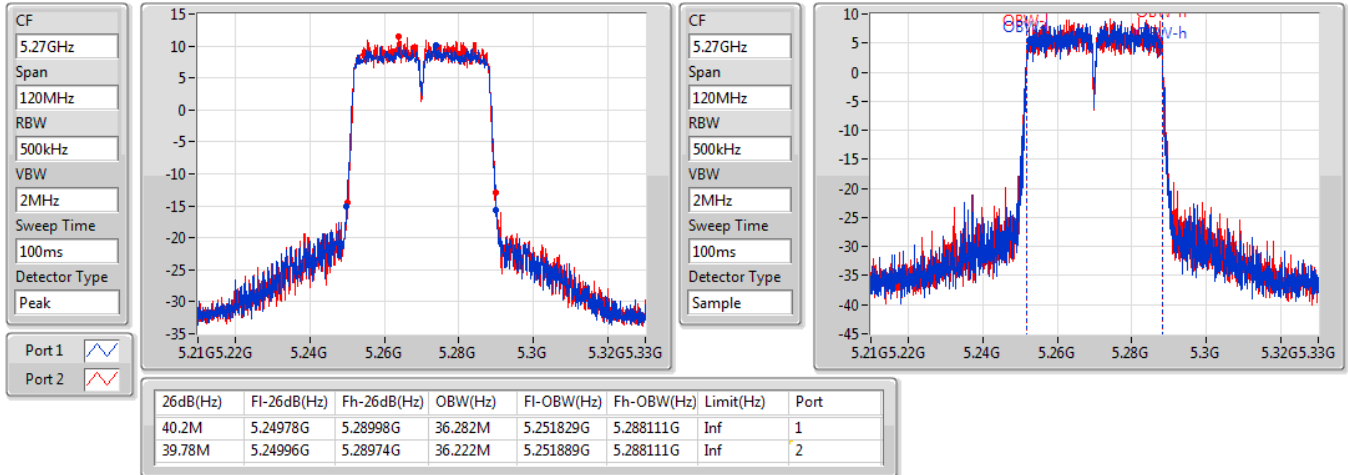

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

01/11/2019

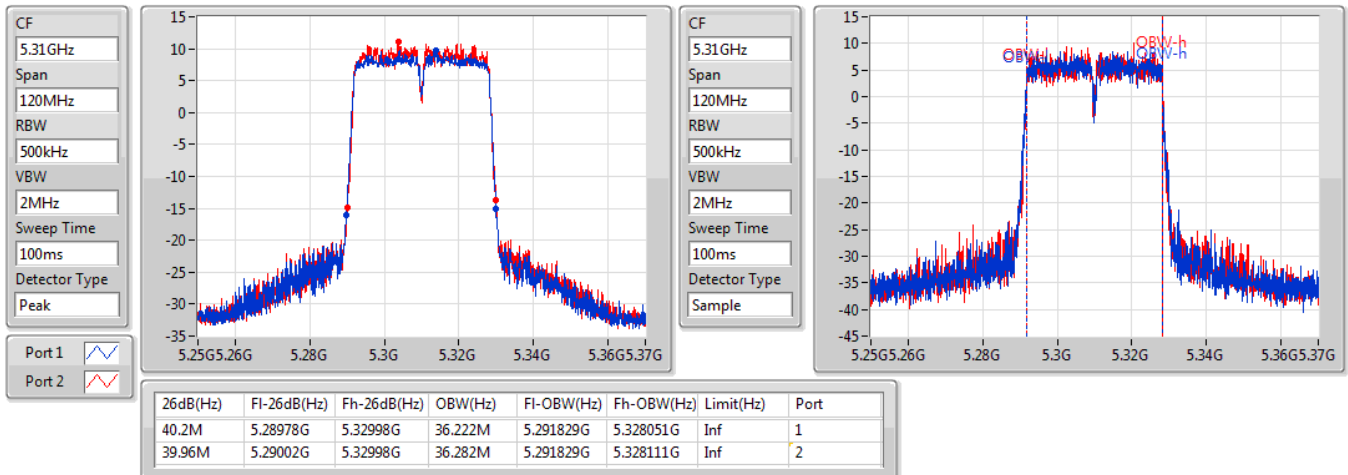


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

01/11/2019

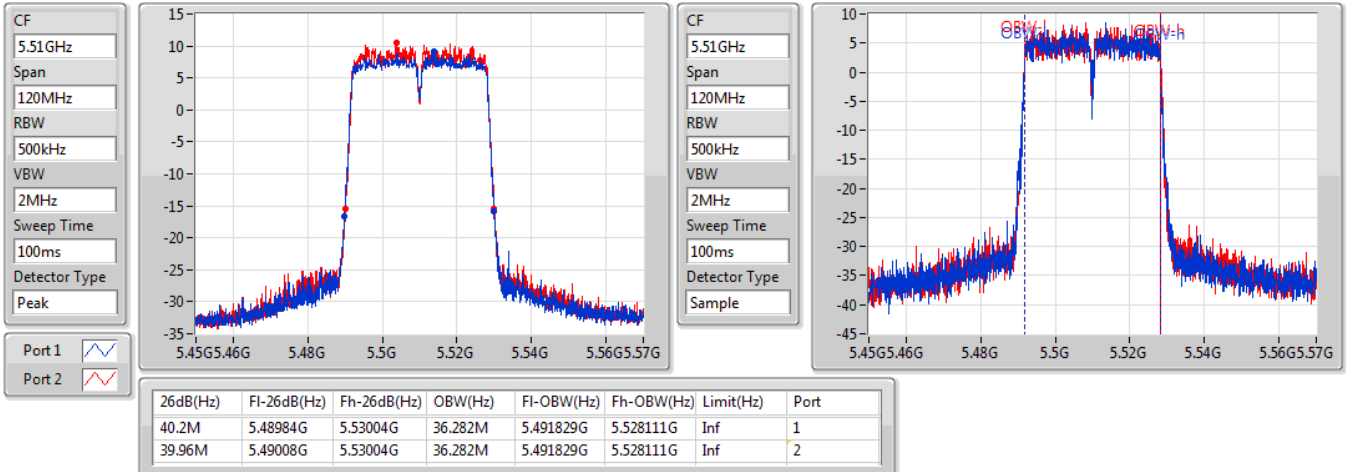

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

01/11/2019

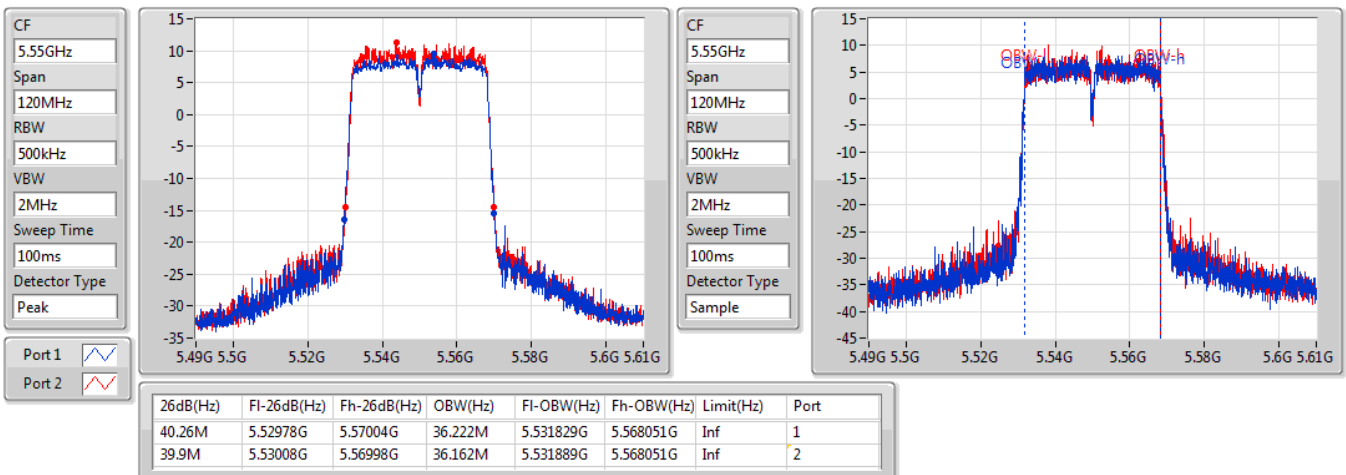


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

01/11/2019

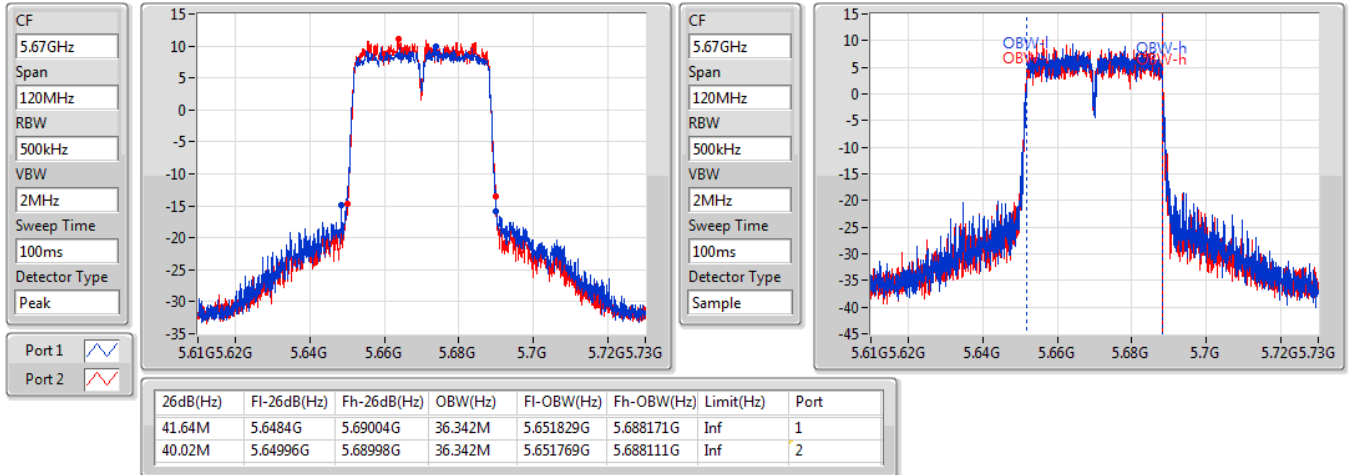

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

01/11/2019

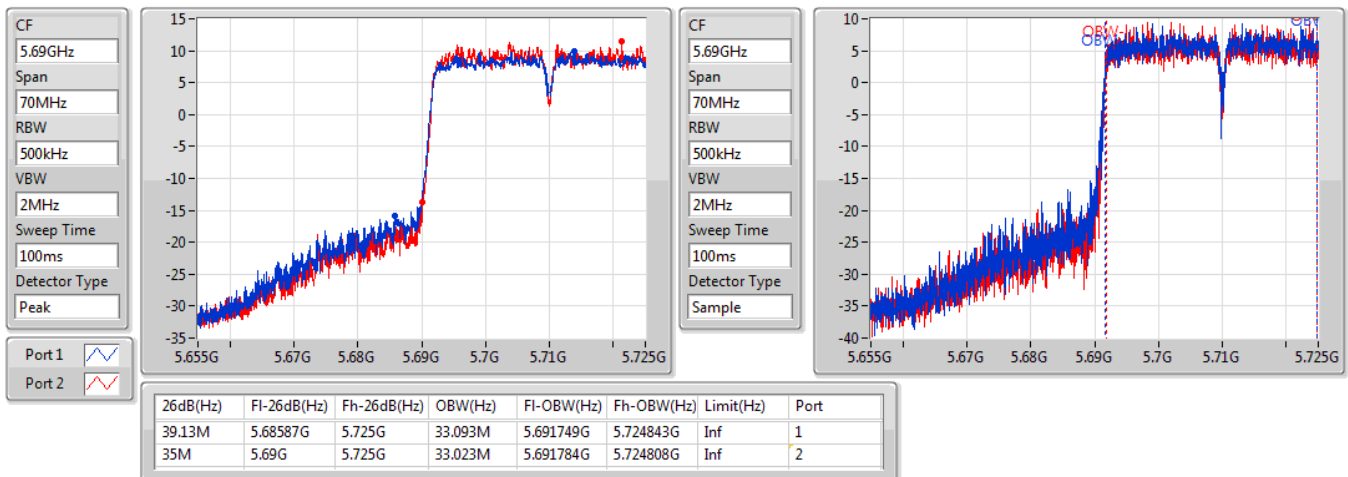


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

01/11/2019

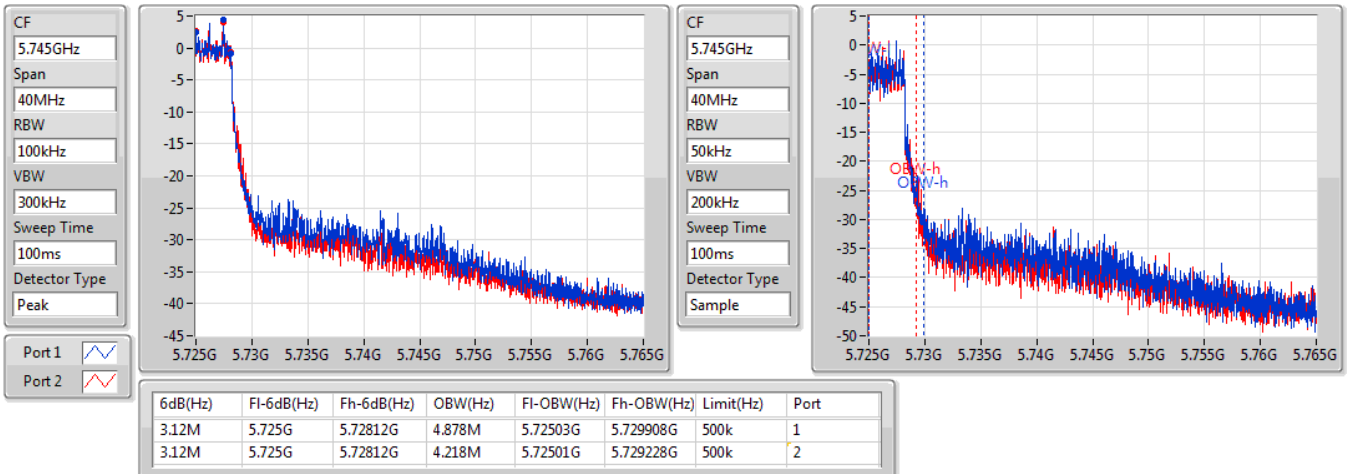

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

01/11/2019

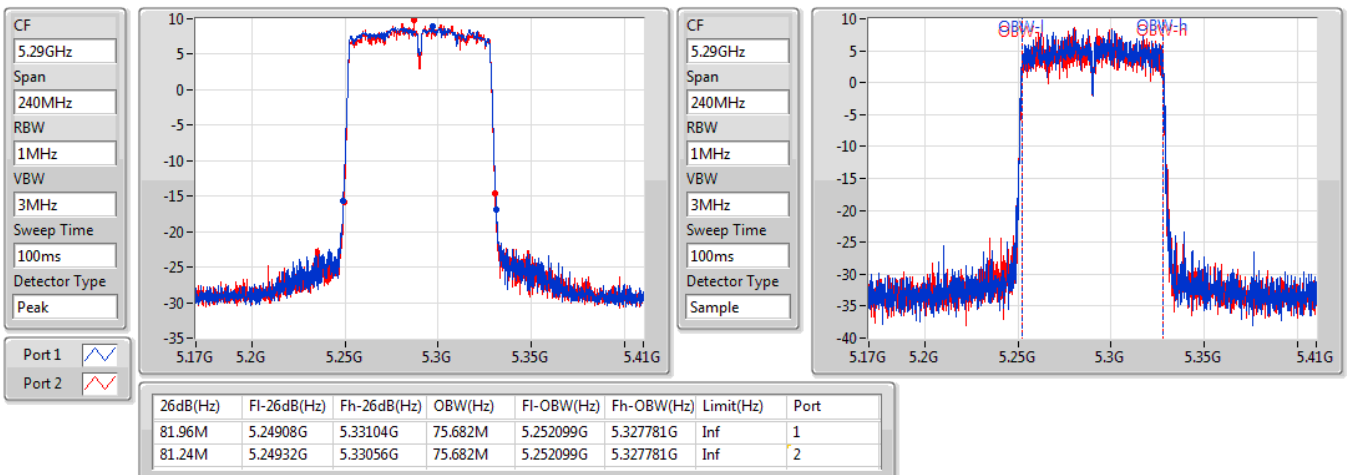


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

01/11/2019

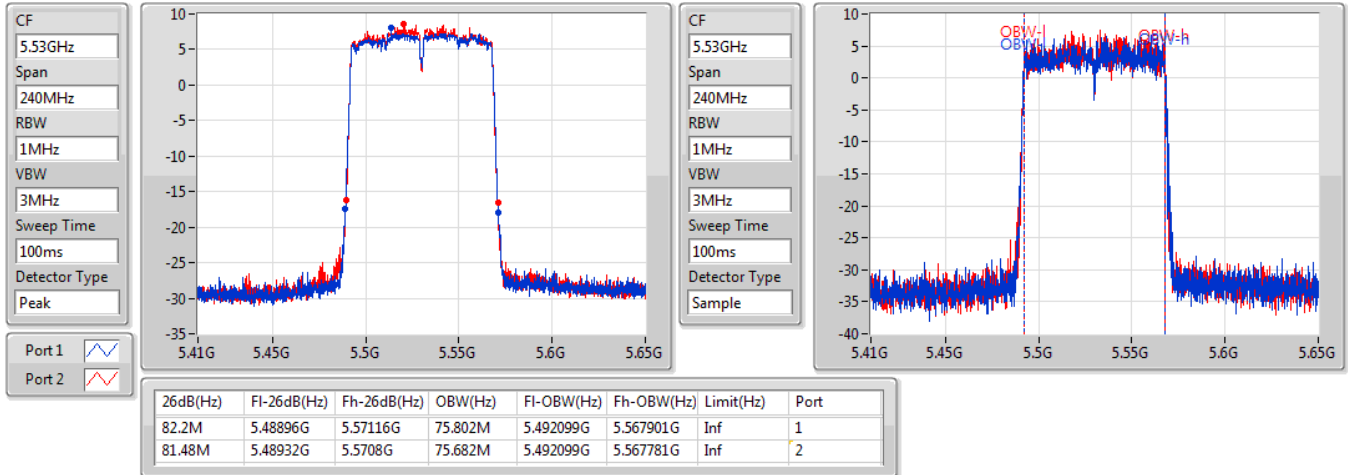

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

01/11/2019

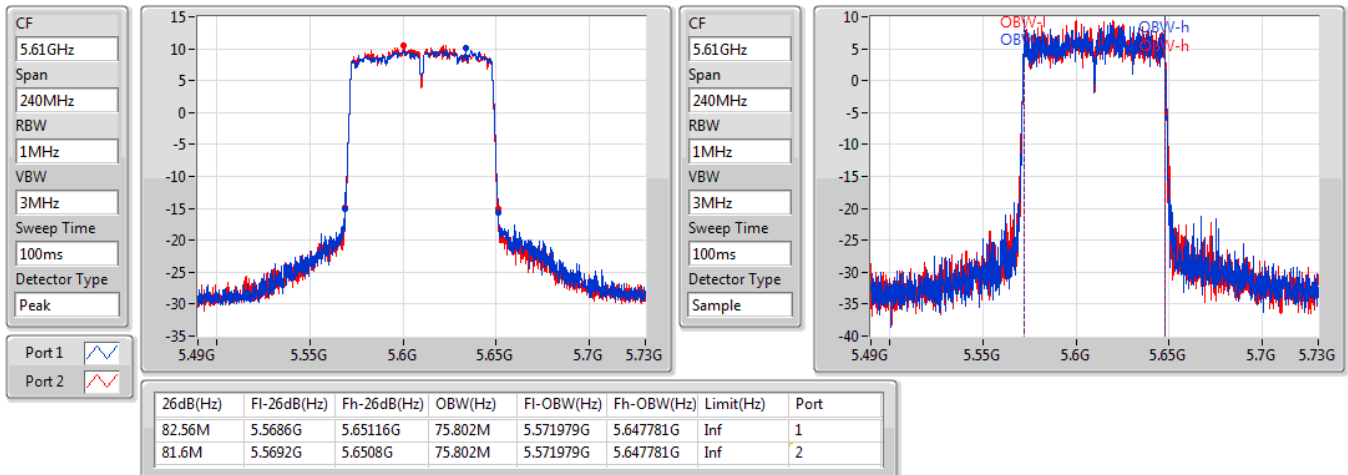


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

01/11/2019

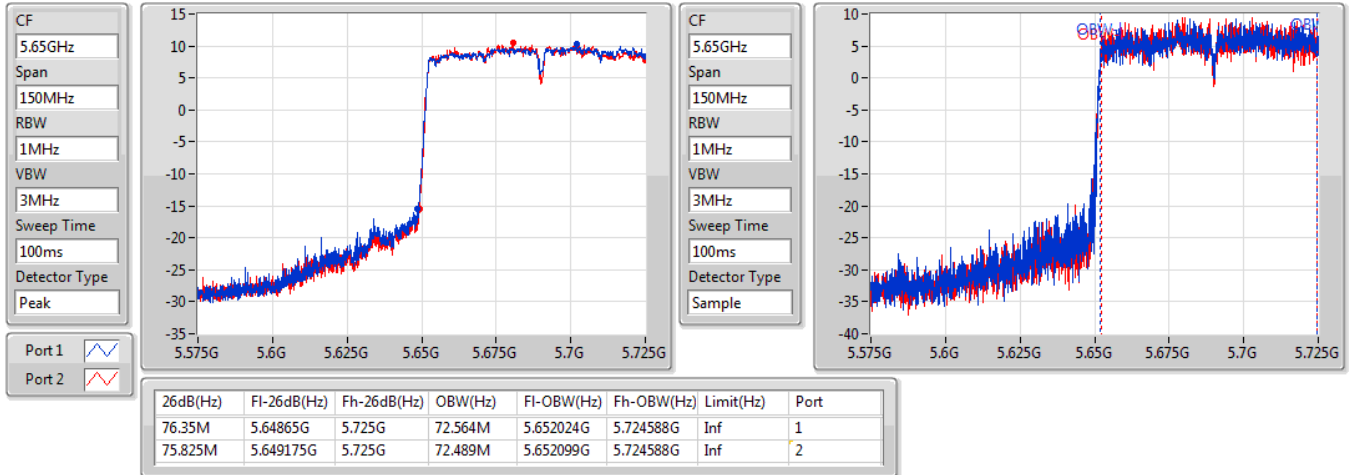

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

01/11/2019

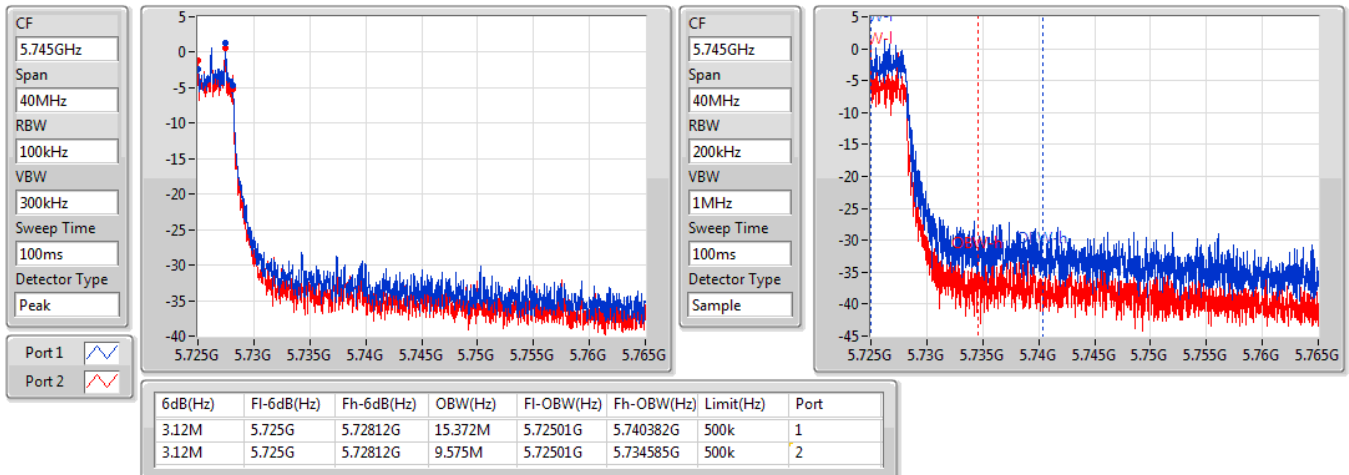


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

01/11/2019

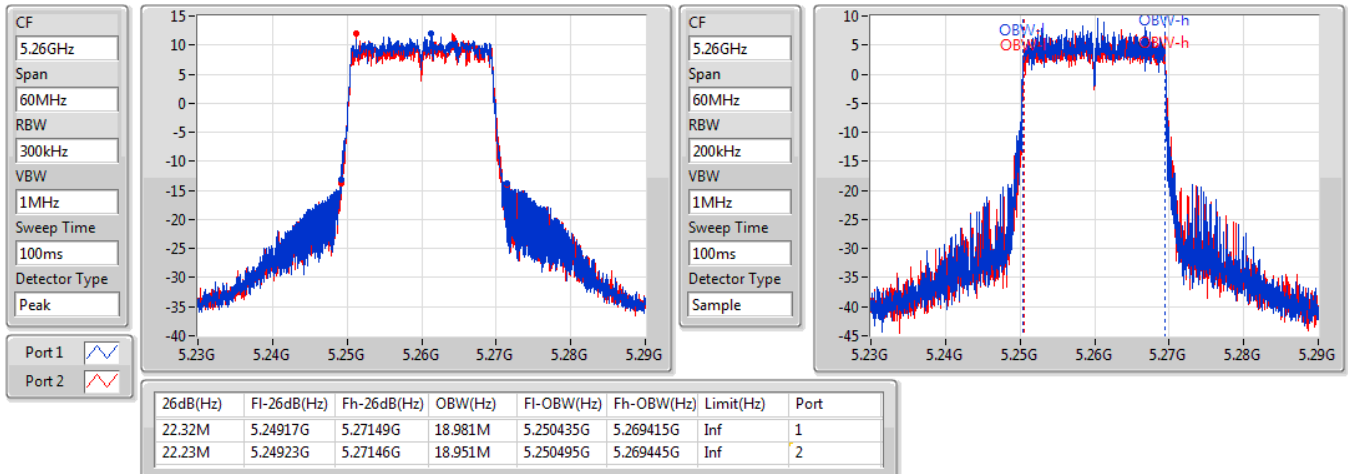

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

01/11/2019

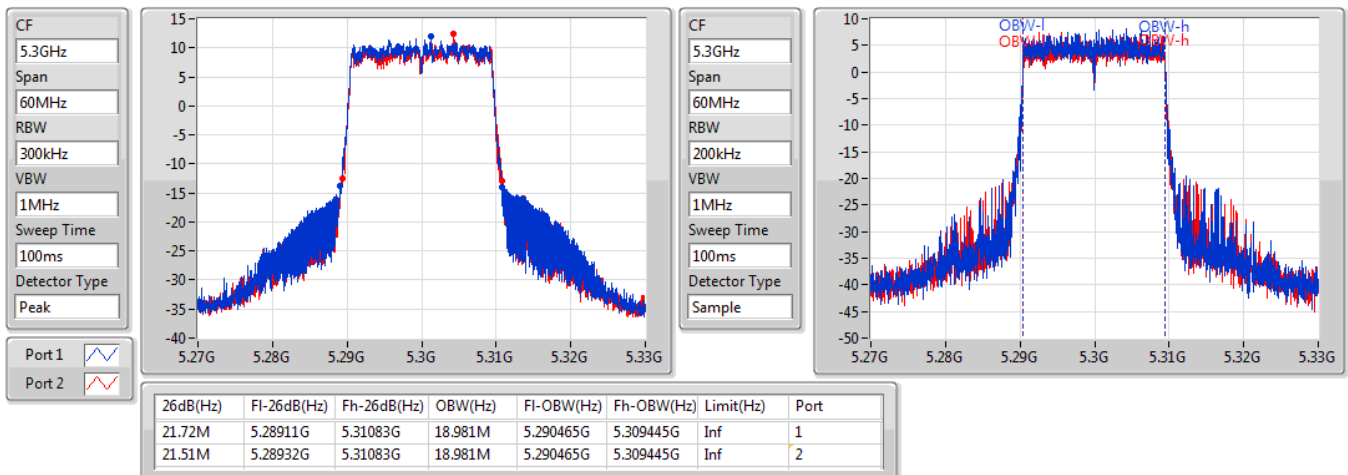


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

01/11/2019

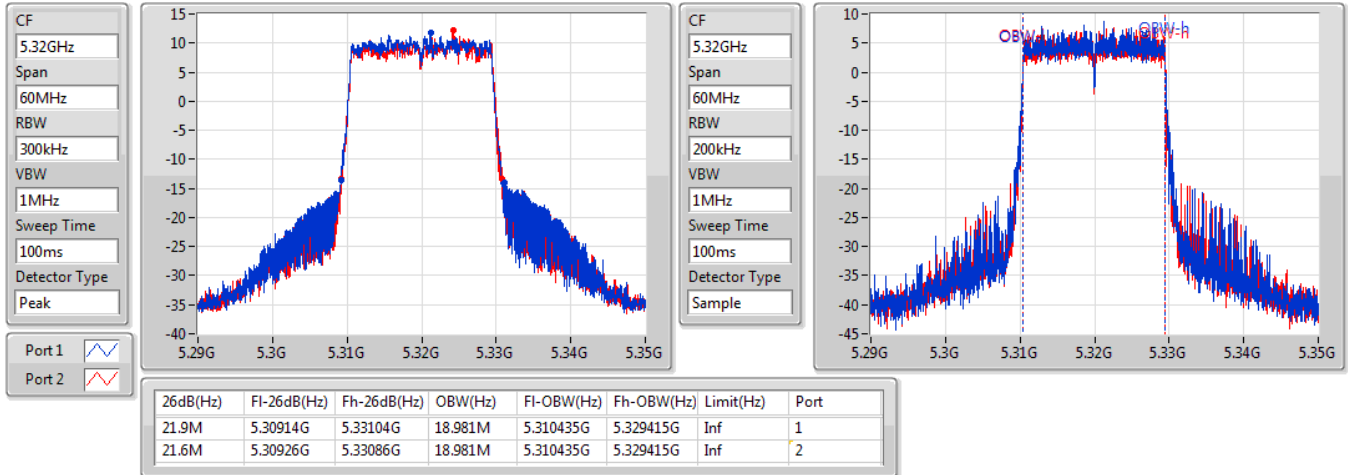

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

01/11/2019

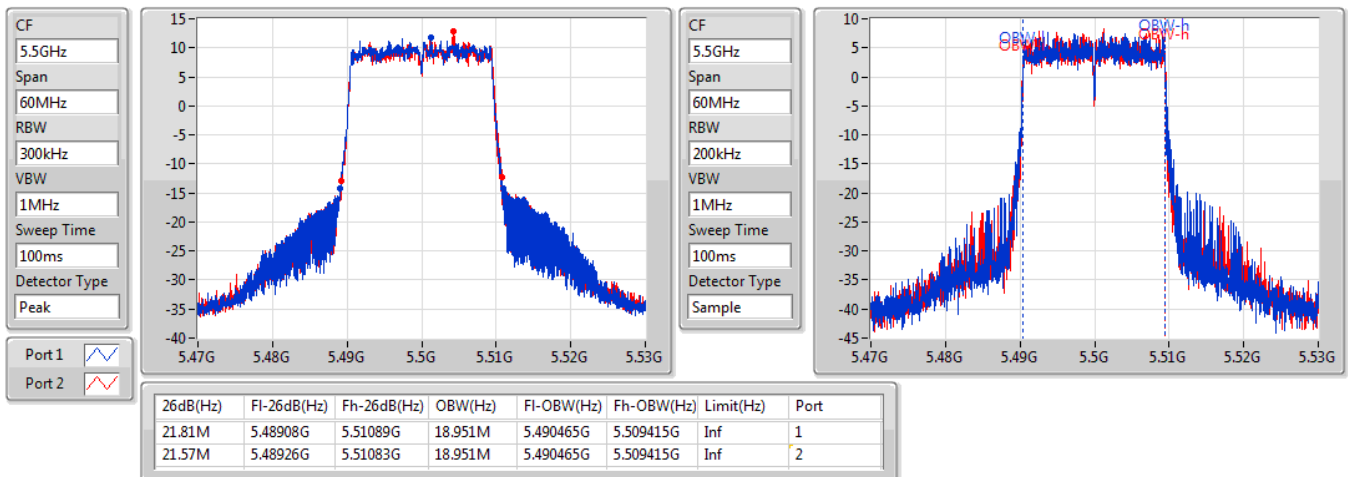


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

01/11/2019

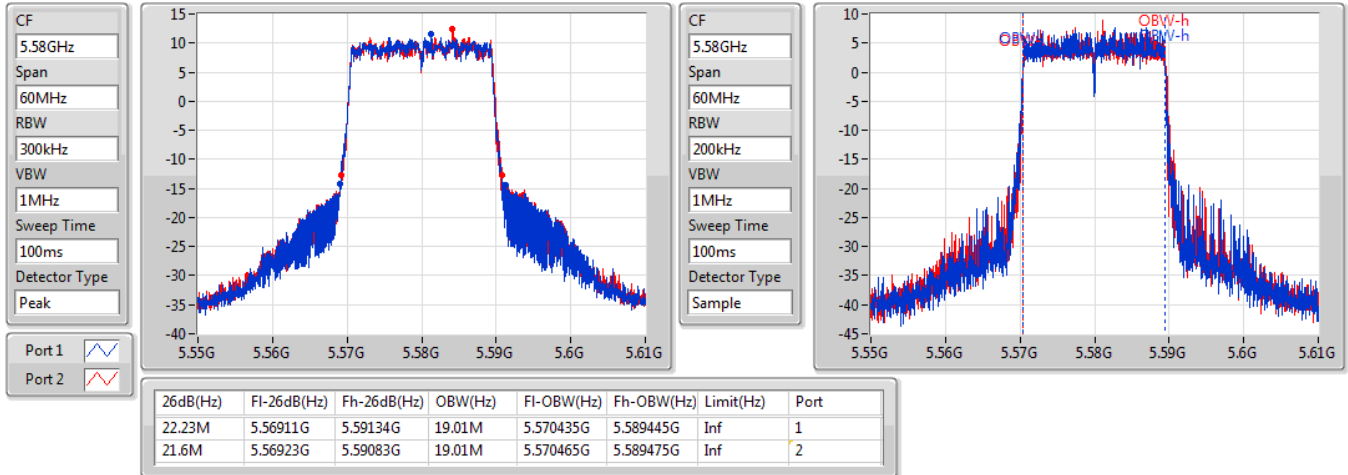

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

01/11/2019

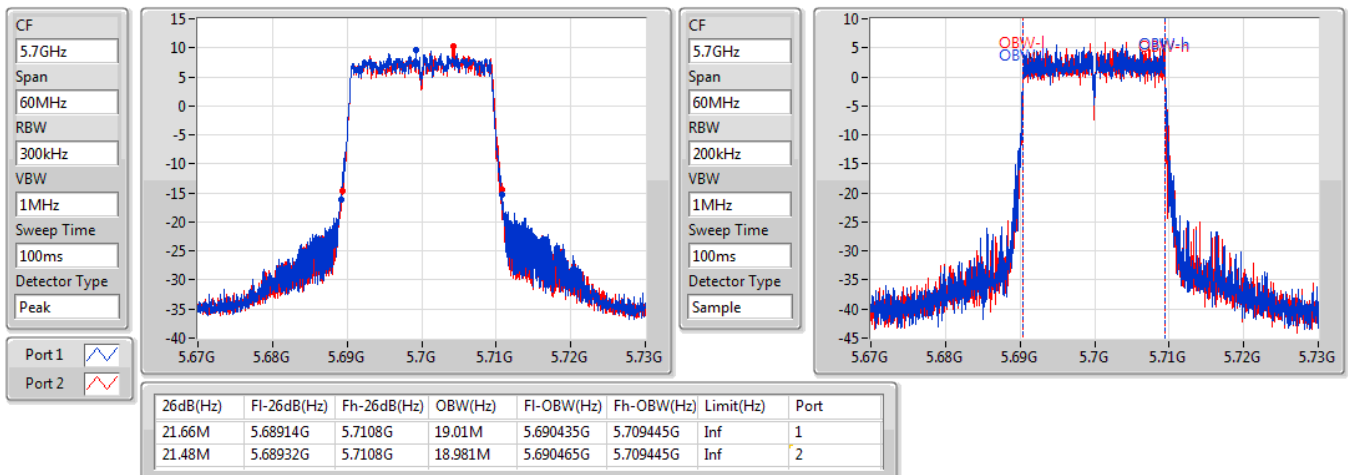


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

01/11/2019

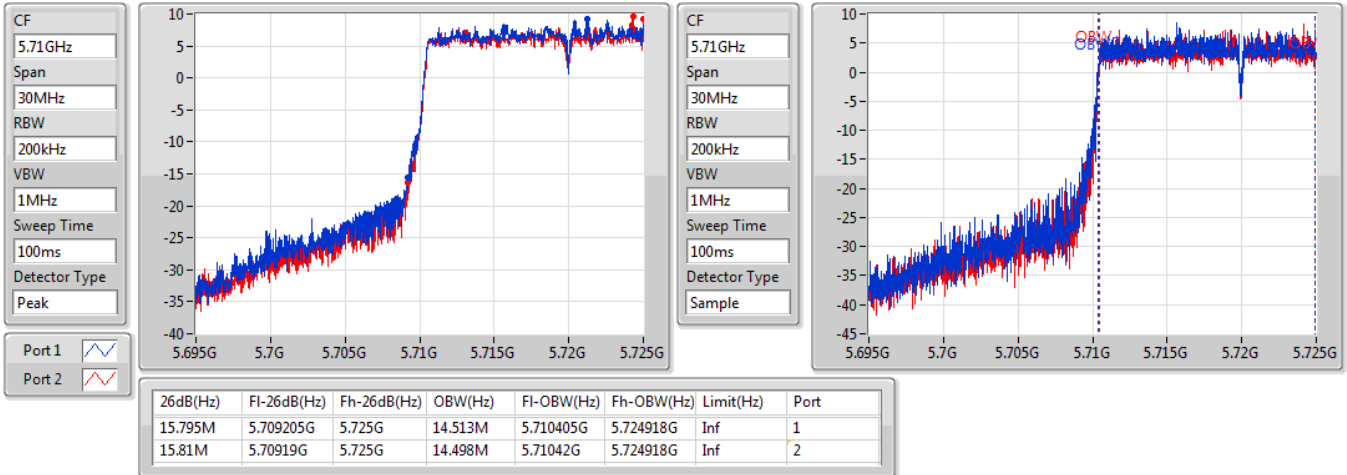

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

01/11/2019

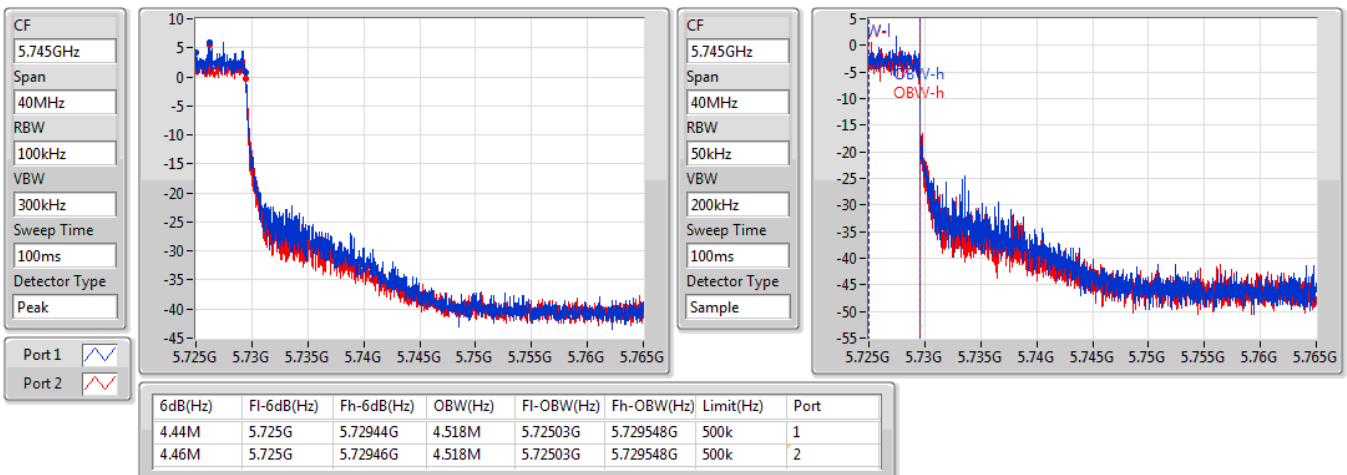


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

01/11/2019

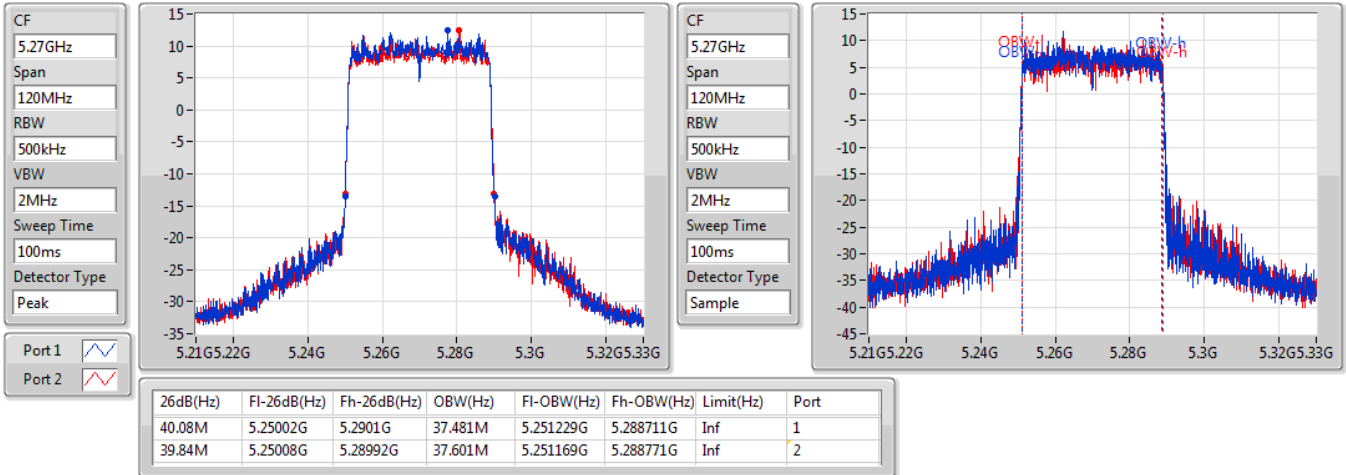

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

01/11/2019

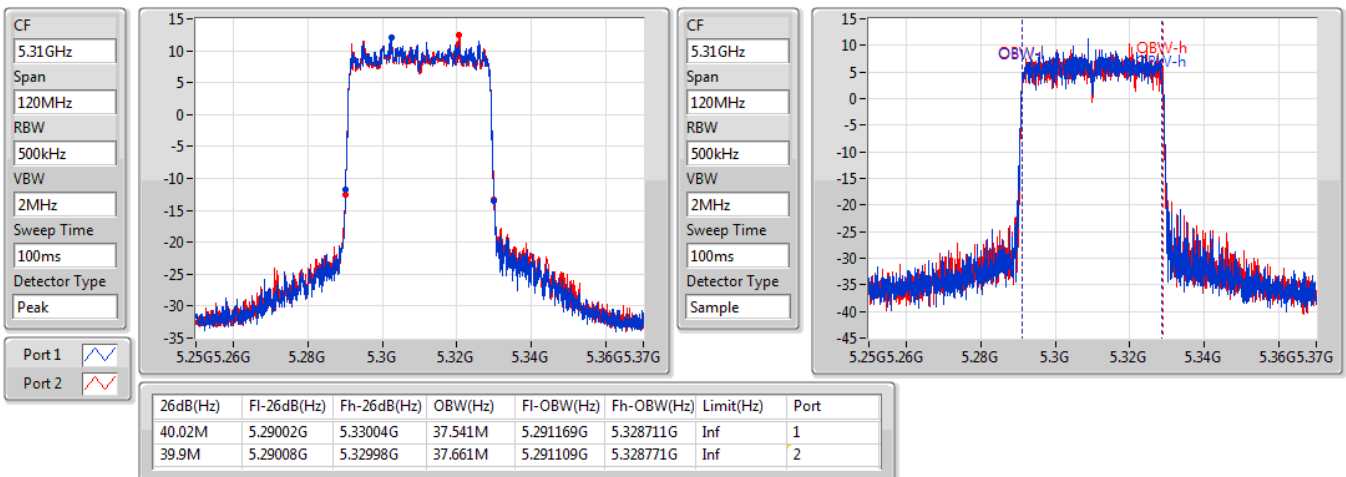


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

01/11/2019

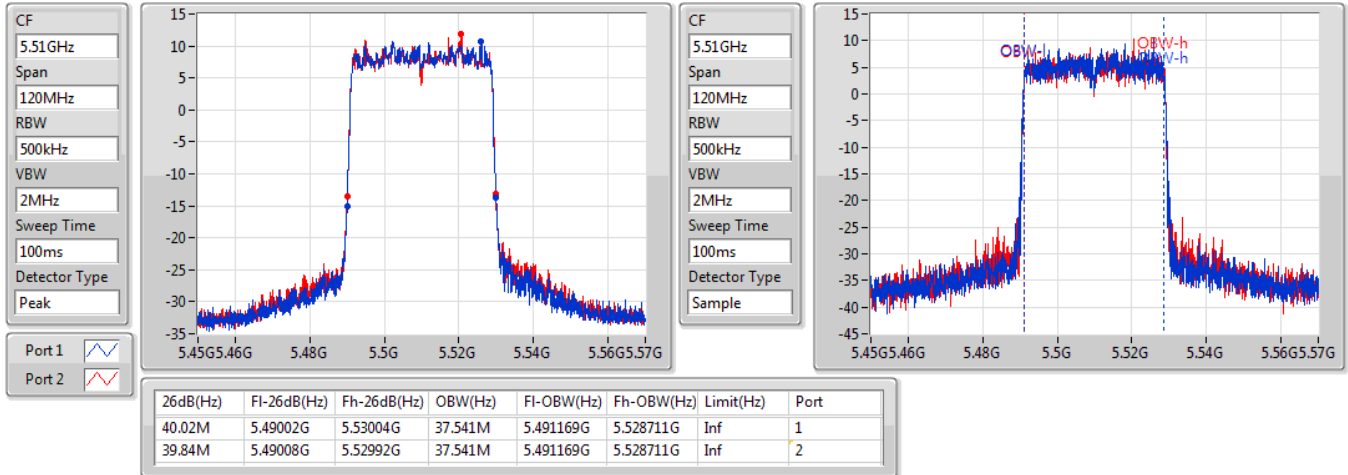

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

01/11/2019

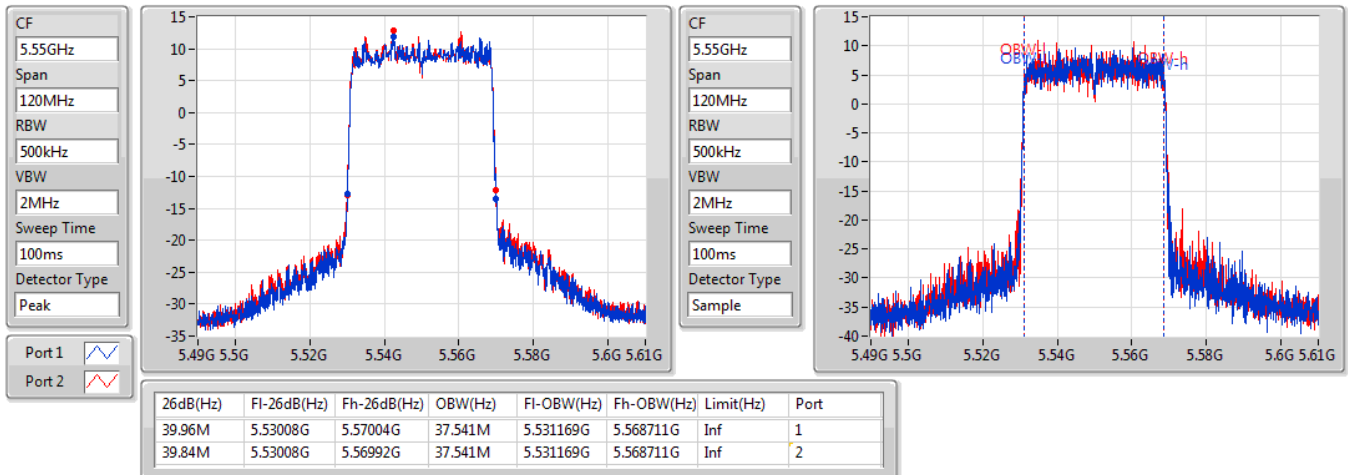


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

01/11/2019

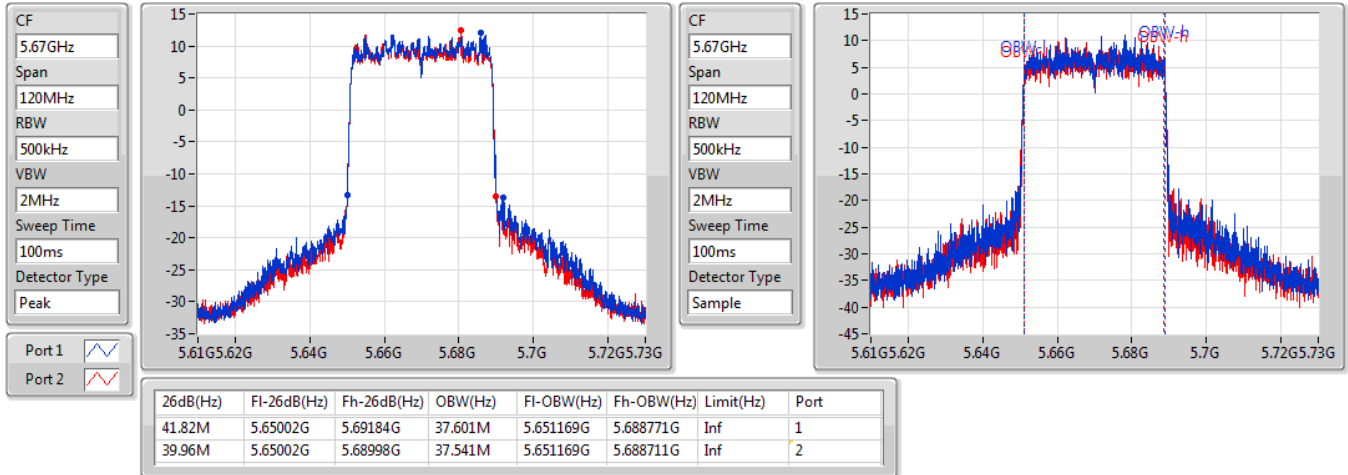

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

01/11/2019

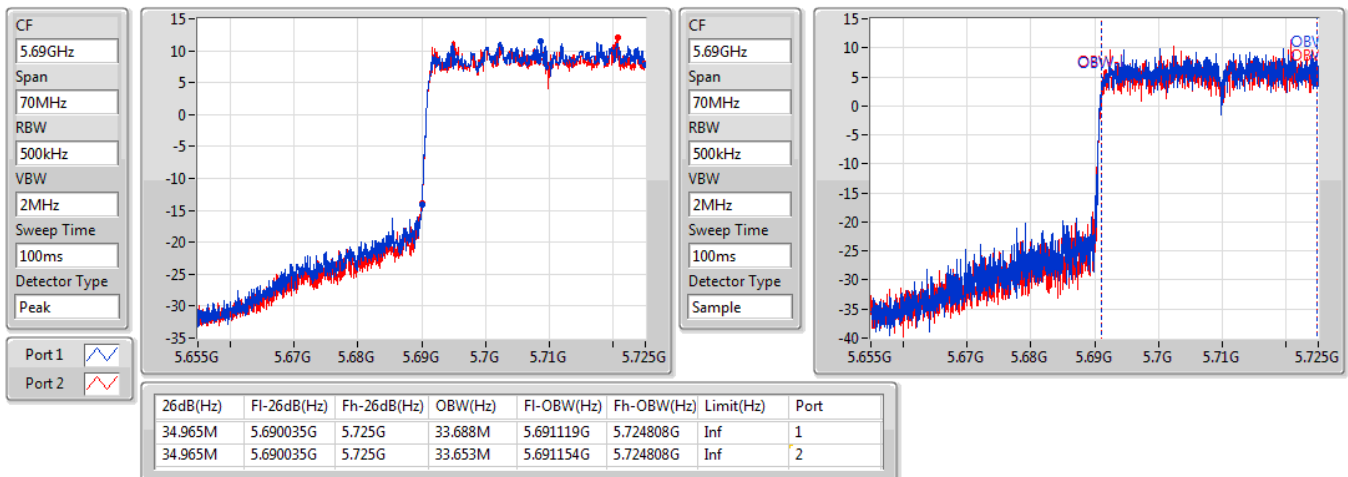


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

01/11/2019

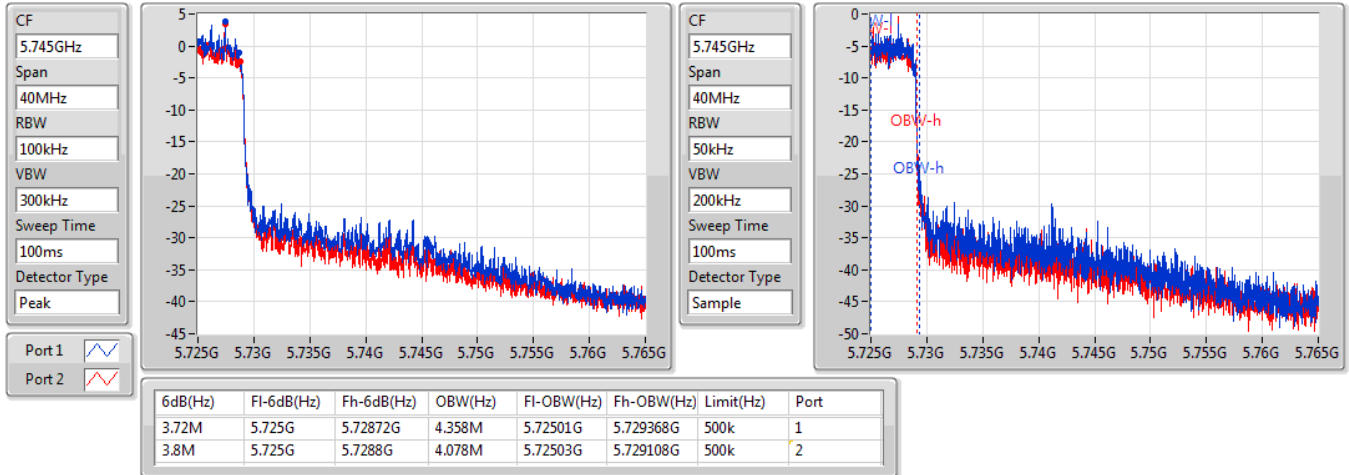

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

01/11/2019

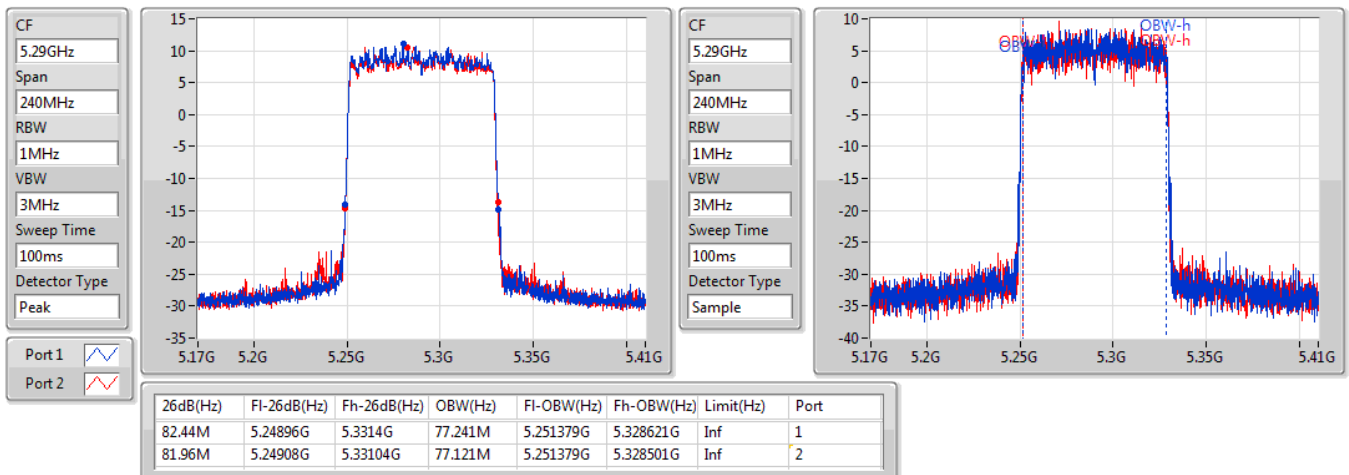


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

01/11/2019

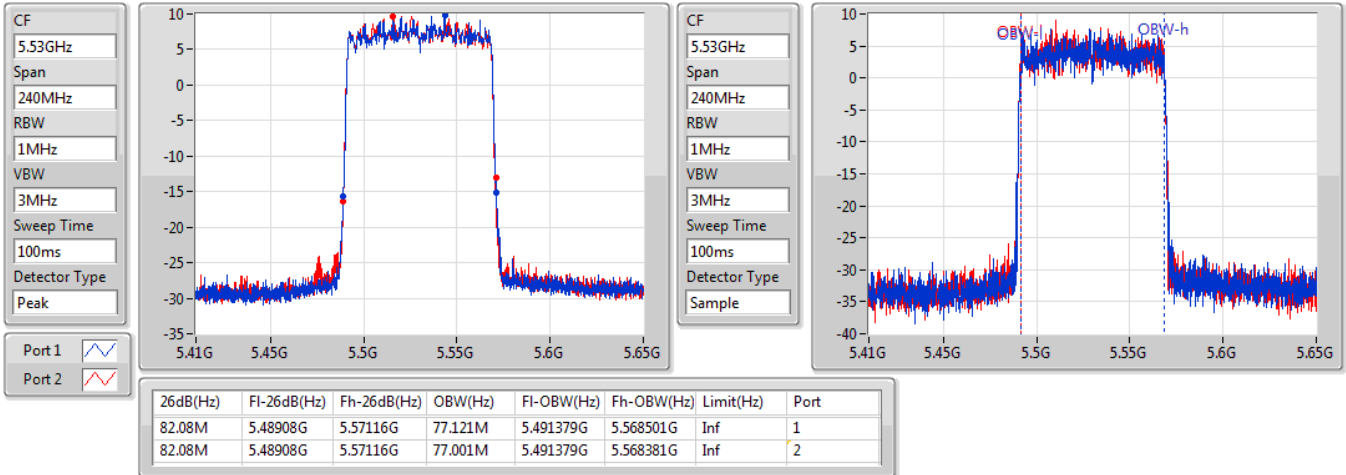

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

01/11/2019

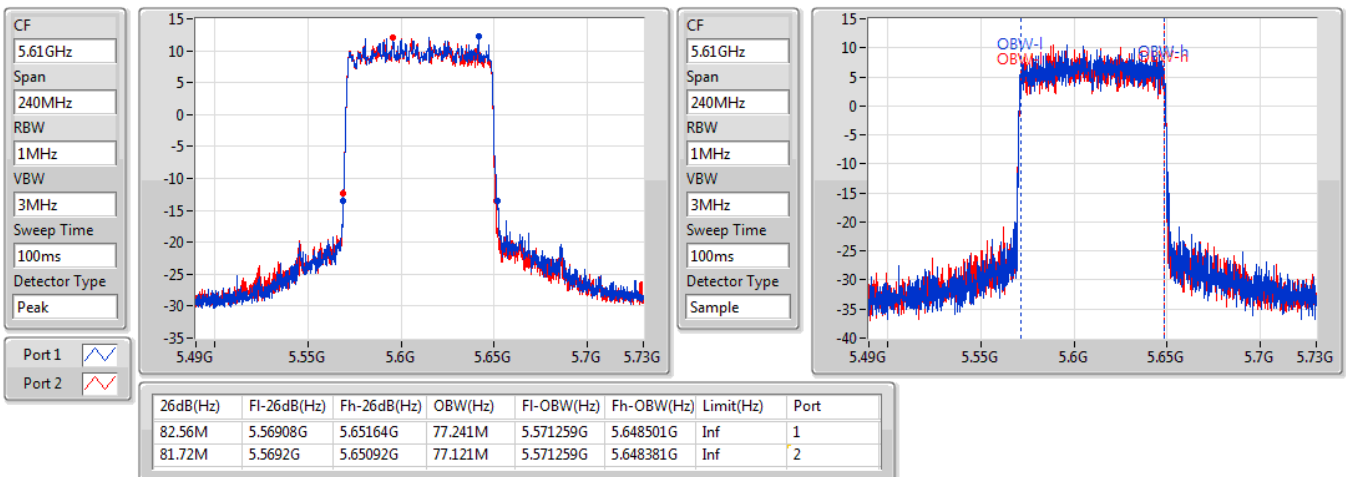


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

01/11/2019

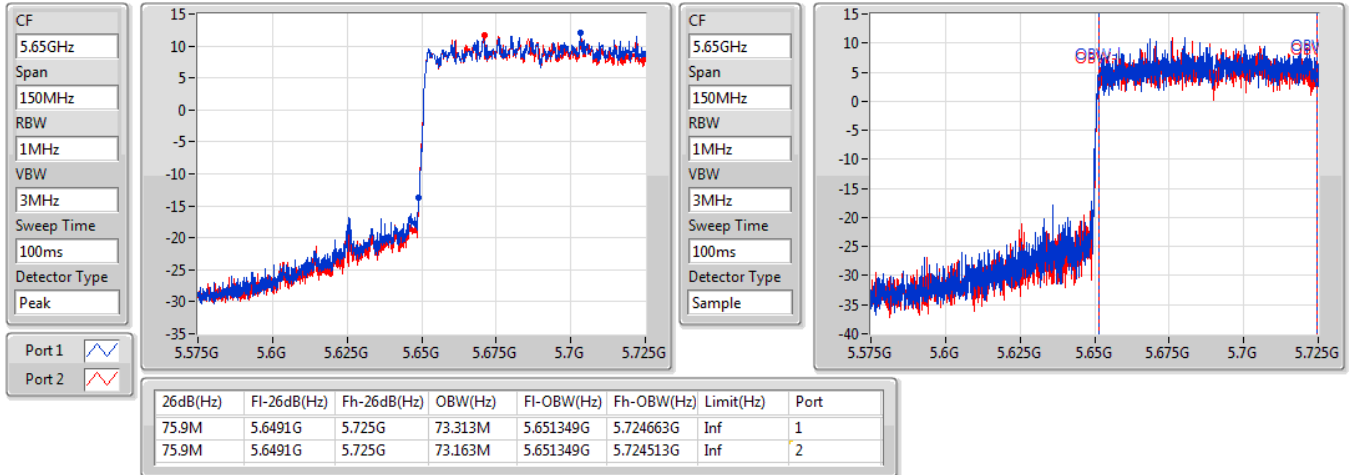

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

01/11/2019

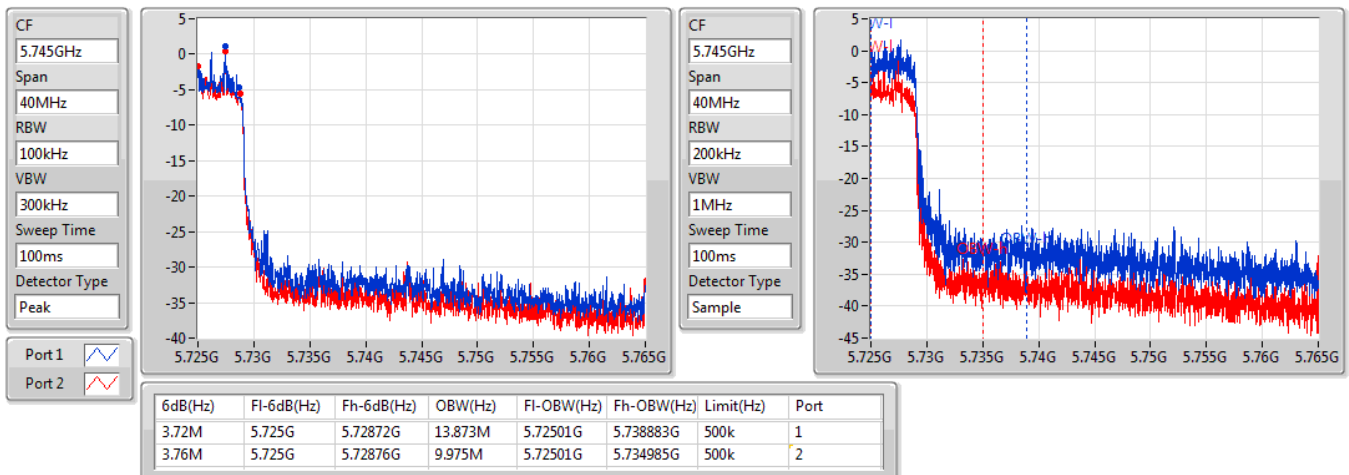


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

01/11/2019


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

01/11/2019



**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       | 40.23M           | 16.972M         | 17M0D1D  | 21.66M           | 16.612M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 42.03M           | 18.141M         | 18M1D1D  | 21.87M           | 17.811M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 62.64M           | 36.402M         | 36M4D1D  | 40.38M           | 36.342M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 82.44M           | 75.682M         | 75M7D1D  | 82.44M           | 75.682M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 40.98M           | 19.28M          | 19M3D1D  | 21.72M           | 19.01M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 43.8M            | 37.721M         | 37M7D1D  | 39.96M           | 37.601M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 81.84M           | 77.241M         | 77M2D1D  | 81.84M           | 77.241M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 39.15M           | 16.942M         | 16M9D1D  | 15.795M          | 13.358M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 42.45M           | 18.171M         | 18M2D1D  | 19.455M          | 14.003M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 52.675M          | 36.402M         | 36M4D1D  | 40.32M           | 33.198M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 92.25M           | 75.802M         | 75M8D1D  | 82.44M           | 72.564M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 41.16M           | 19.25M          | 19M2D1D  | 19.365M          | 14.543M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 48.965M          | 37.661M         | 37M7D1D  | 40.02M           | 33.758M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 82.08M           | 77.121M         | 77M1D1D  | 80.625M          | 73.238M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 3.14M            | 4.358M          | 4M36D1D  | 3.14M            | 4.358M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 3.74M            | 4.858M          | 4M86D1D  | 3.74M            | 4.858M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.14M            | 18.871M         | 18M9D1D  | 3.14M            | 18.871M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 3.1M             | 27.226M         | 27M2D1D  | 3.1M             | 27.226M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 4.44M            | 5.217M          | 5M22D1D  | 4.44M            | 5.217M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 3.84M            | 18.071M         | 18M1D1D  | 3.84M            | 18.071M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 3.72M            | 24.588M         | 24M6D1D  | 3.72M            | 24.588M         |

**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) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 40.23M              | 16.972M            |
| 5300MHz                        | Pass   | Inf           | 36.75M              | 16.792M            |
| 5320MHz                        | Pass   | Inf           | 21.66M              | 16.612M            |
| 5500MHz                        | Pass   | Inf           | 21.51M              | 16.672M            |
| 5580MHz                        | Pass   | Inf           | 39.15M              | 16.942M            |
| 5700MHz                        | Pass   | Inf           | 21.51M              | 16.642M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.795M             | 13.358M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.14M               | 4.358M             |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 42.03M              | 18.141M            |
| 5300MHz                        | Pass   | Inf           | 29.28M              | 17.931M            |
| 5320MHz                        | Pass   | Inf           | 21.87M              | 17.811M            |
| 5500MHz                        | Pass   | Inf           | 21.9M               | 17.841M            |
| 5580MHz                        | Pass   | Inf           | 42.45M              | 18.171M            |
| 5700MHz                        | Pass   | Inf           | 21.9M               | 17.811M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 19.455M             | 14.003M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.74M               | 4.858M             |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 62.64M              | 36.402M            |
| 5310MHz                        | Pass   | Inf           | 40.38M              | 36.342M            |
| 5510MHz                        | Pass   | Inf           | 40.32M              | 36.282M            |
| 5550MHz                        | Pass   | Inf           | 46.74M              | 36.402M            |
| 5670MHz                        | Pass   | Inf           | 43.02M              | 36.342M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 52.675M             | 33.198M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.14M               | 18.871M            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 82.44M              | 75.682M            |
| 5530MHz                        | Pass   | Inf           | 82.44M              | 75.802M            |
| 5610MHz                        | Pass   | Inf           | 82.68M              | 75.802M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 92.25M              | 72.564M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 27.226M            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 40.98M              | 19.28M             |
| 5300MHz                        | Pass   | Inf           | 26.91M              | 19.1M              |
| 5320MHz                        | Pass   | Inf           | 21.72M              | 19.01M             |
| 5500MHz                        | Pass   | Inf           | 21.75M              | 19.01M             |
| 5580MHz                        | Pass   | Inf           | 41.16M              | 19.25M             |
| 5700MHz                        | Pass   | Inf           | 21.78M              | 19.01M             |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 19.365M             | 14.543M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.44M               | 5.217M             |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 43.8M               | 37.721M            |
| 5310MHz                        | Pass   | Inf           | 39.96M              | 37.601M            |



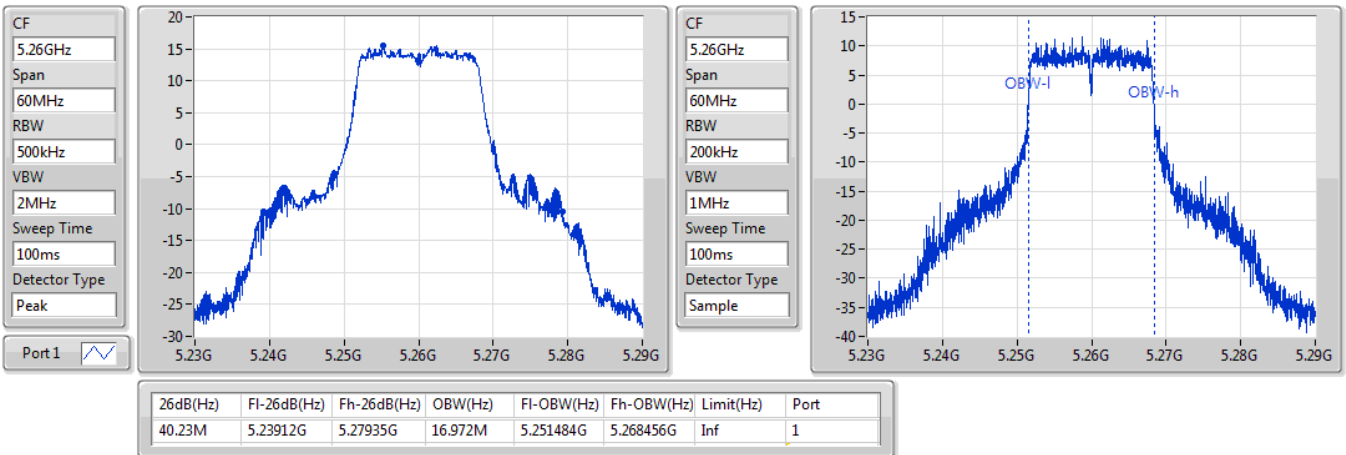
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 5510MHz                        | Pass   | Inf           | 40.02M              | 37.541M            |
| 5550MHz                        | Pass   | Inf           | 41.88M              | 37.661M            |
| 5670MHz                        | Pass   | Inf           | 40.02M              | 37.481M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 48.965M             | 33.758M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.84M               | 18.071M            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.84M              | 77.241M            |
| 5530MHz                        | Pass   | Inf           | 81.96M              | 77.121M            |
| 5610MHz                        | Pass   | Inf           | 82.08M              | 77.121M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 80.625M             | 73.238M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.72M               | 24.588M            |

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

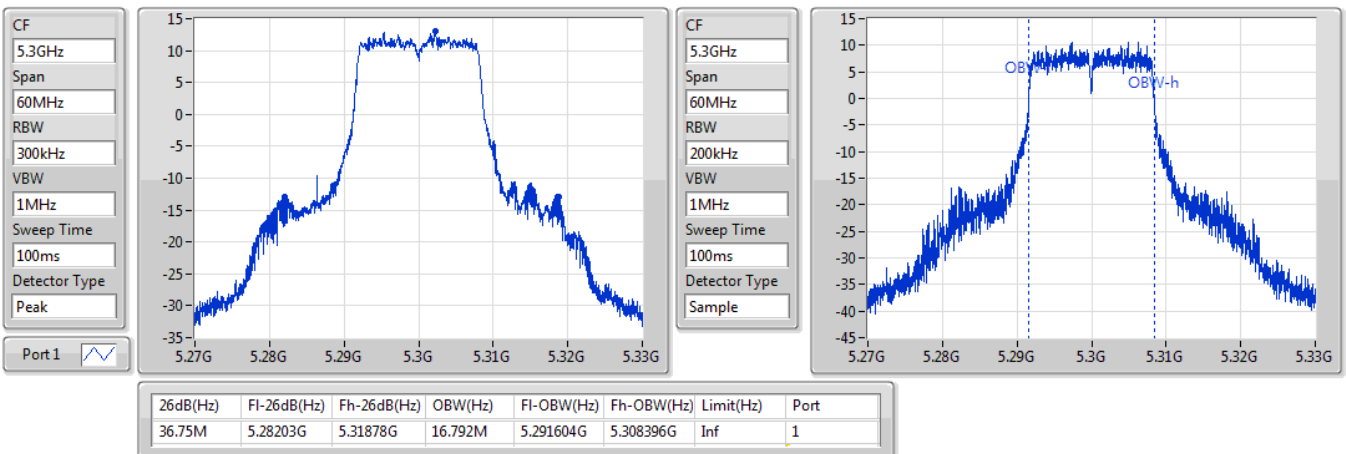
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5260MHz**

04/11/2019

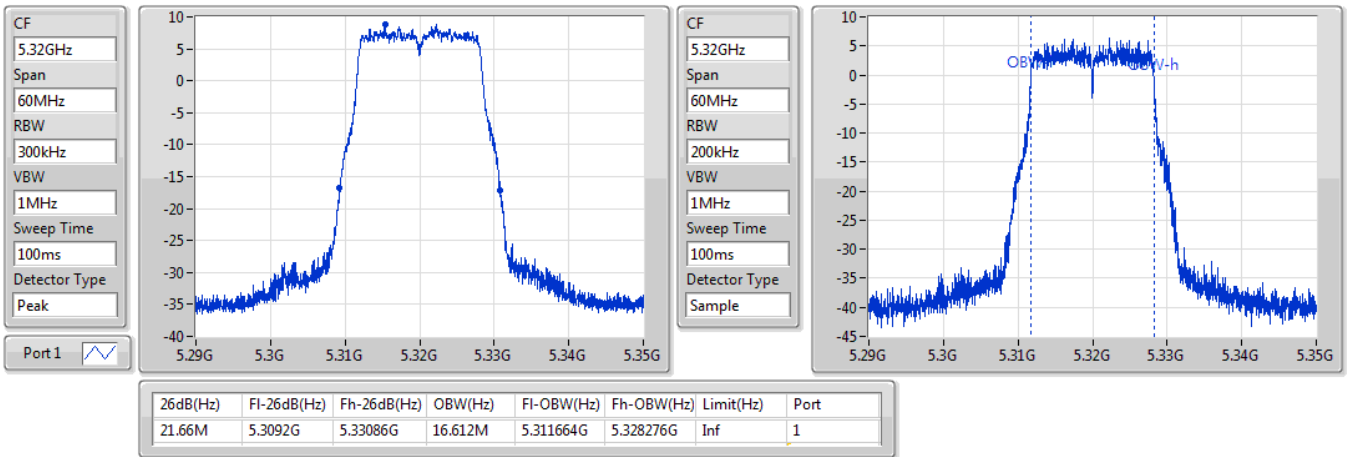

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5300MHz**

04/11/2019

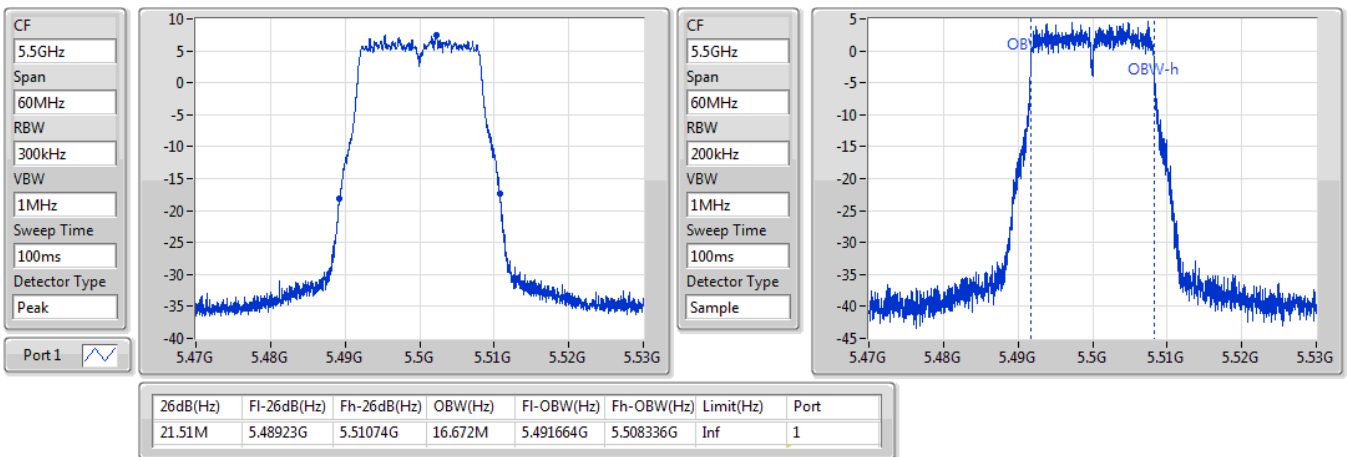


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5320MHz**

04/11/2019

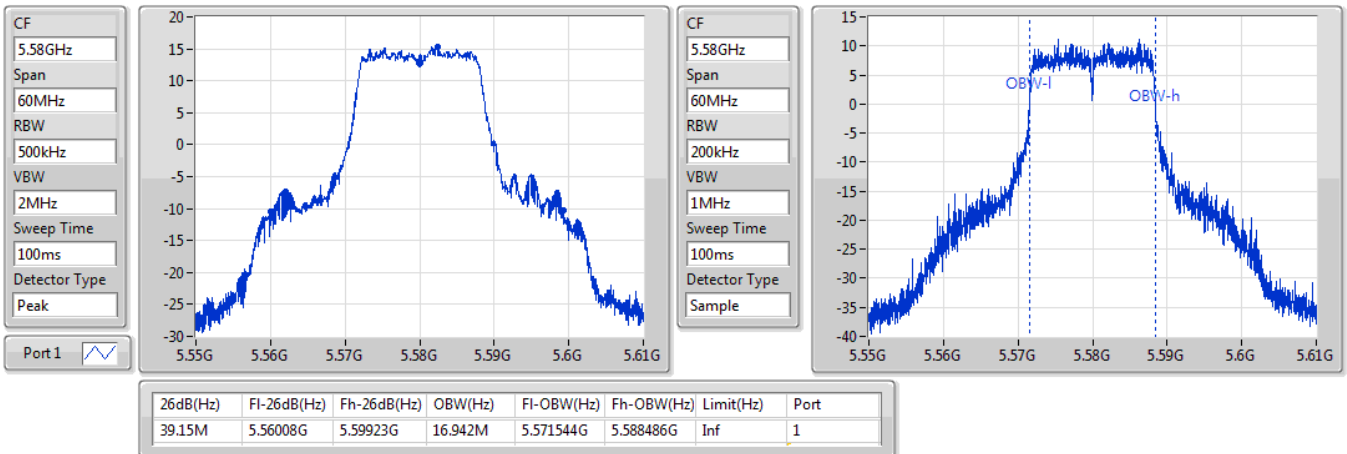

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5500MHz**

04/11/2019

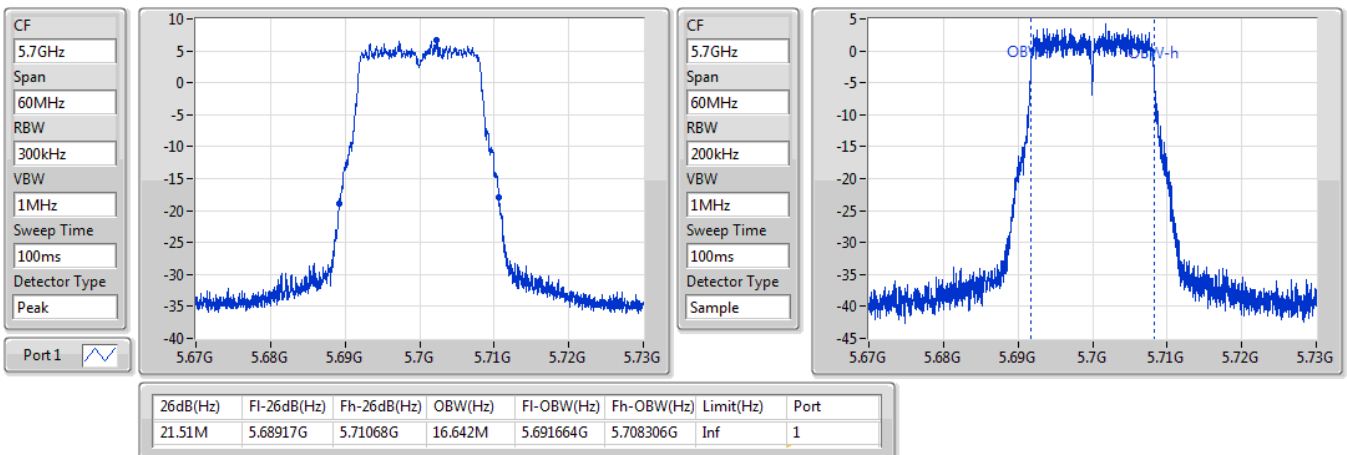


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5580MHz**

04/11/2019

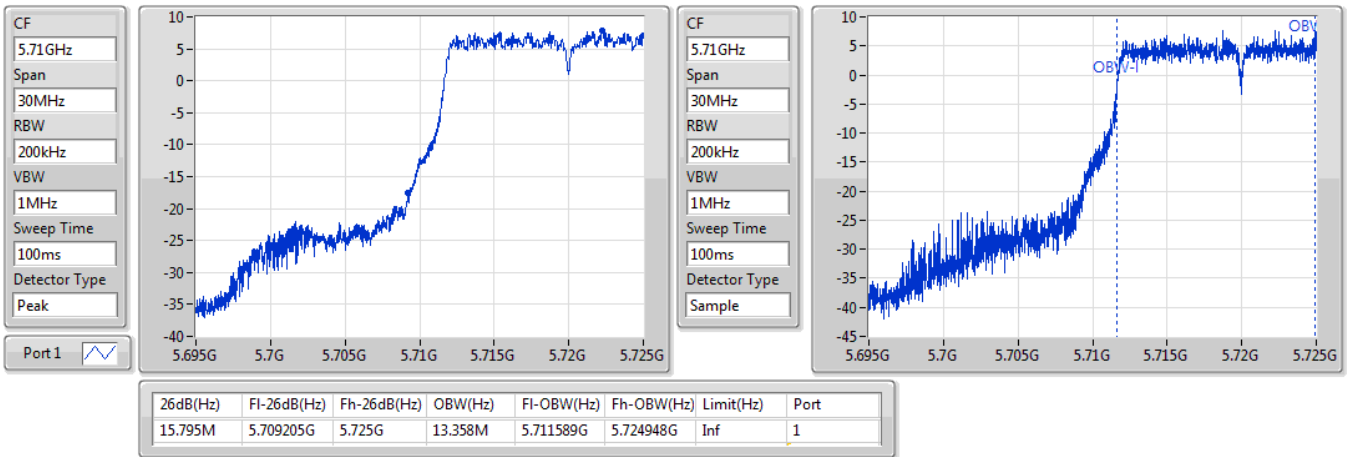

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5700MHz**

04/11/2019

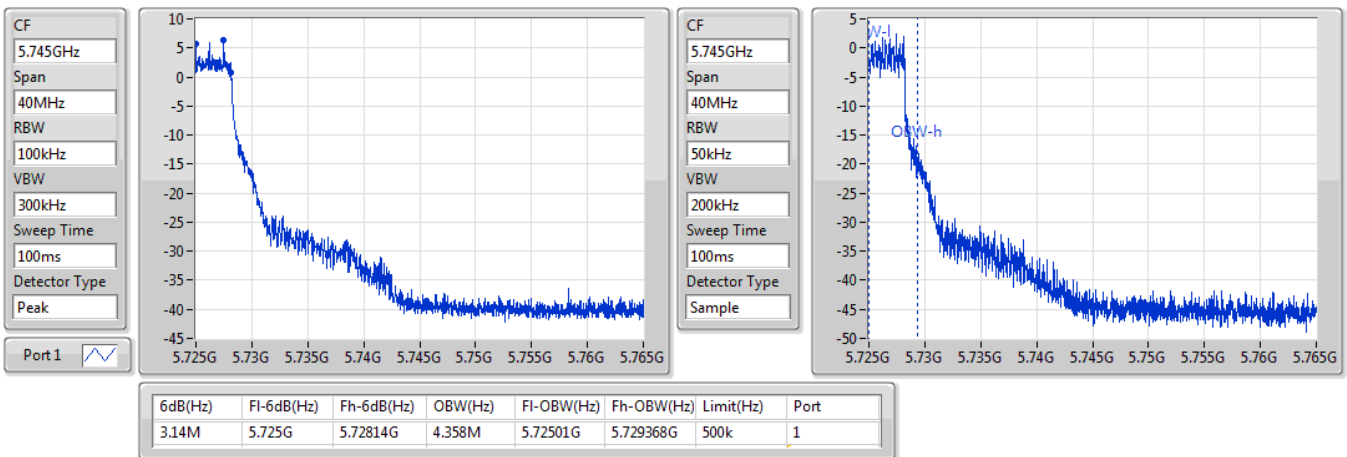


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/11/2019

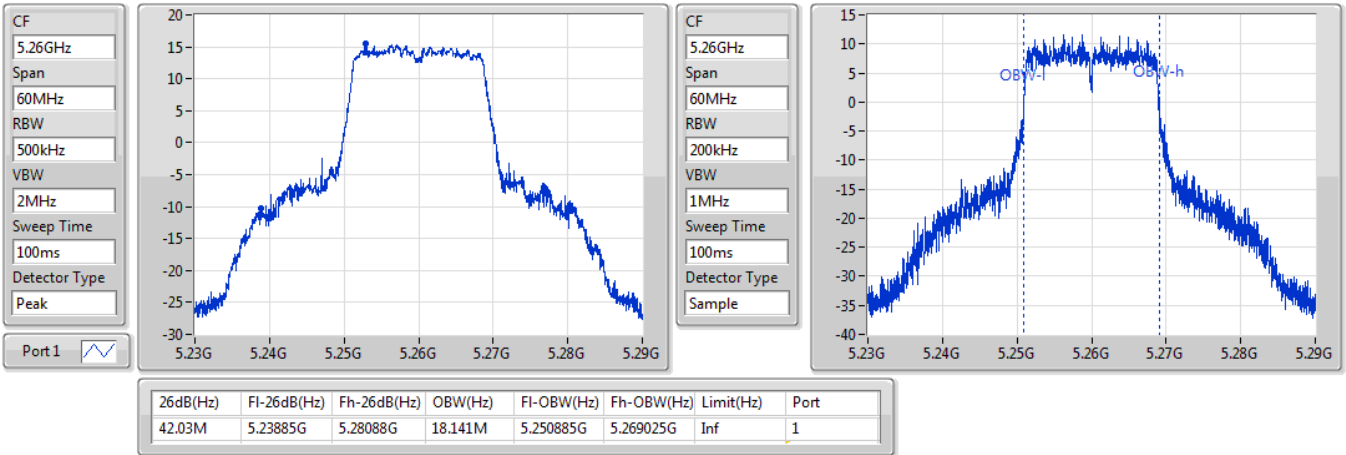

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/11/2019

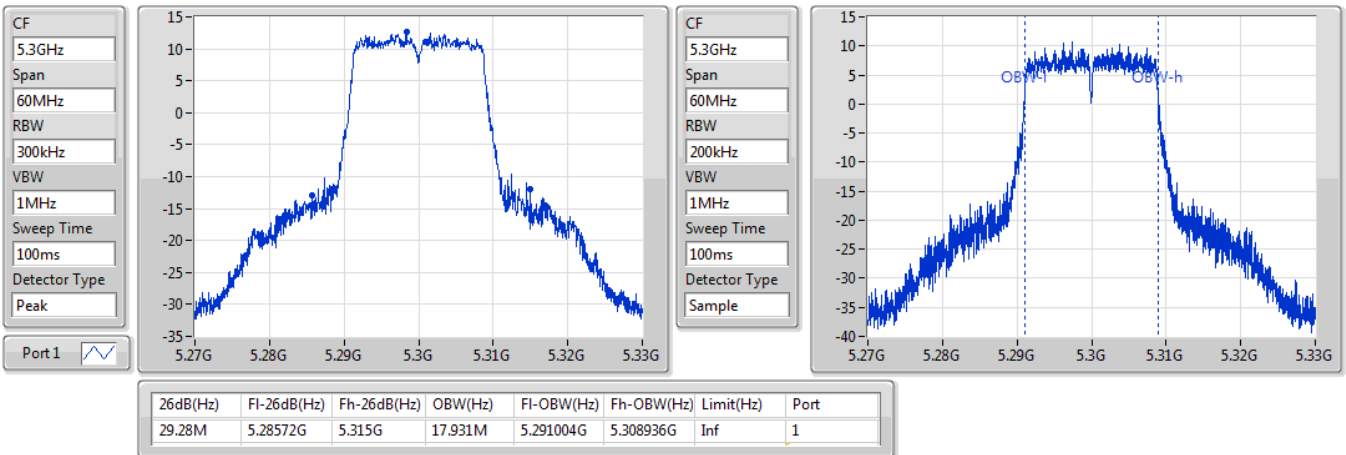


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

04/11/2019

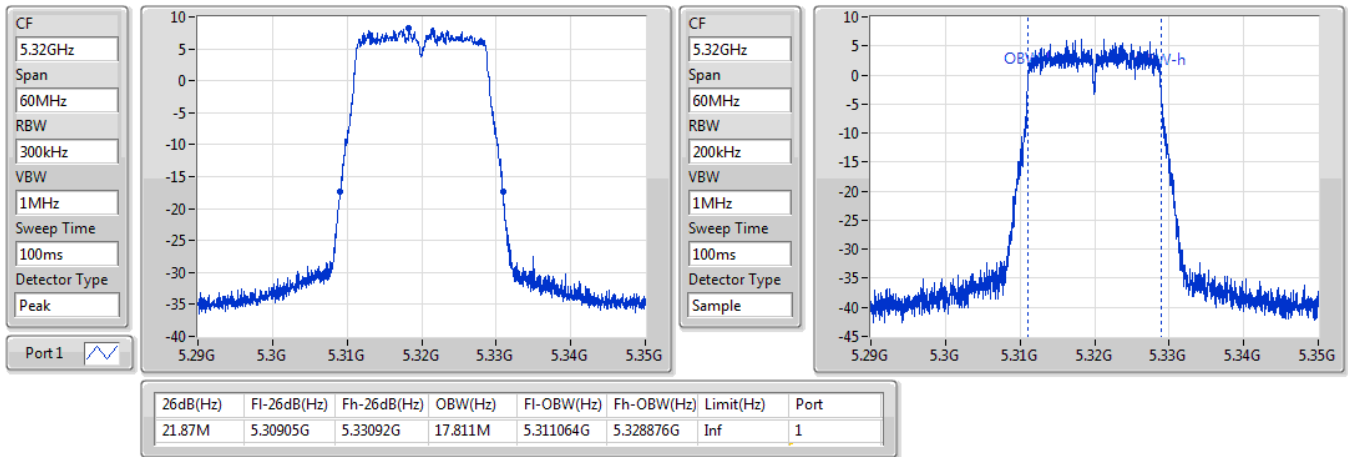

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

04/11/2019

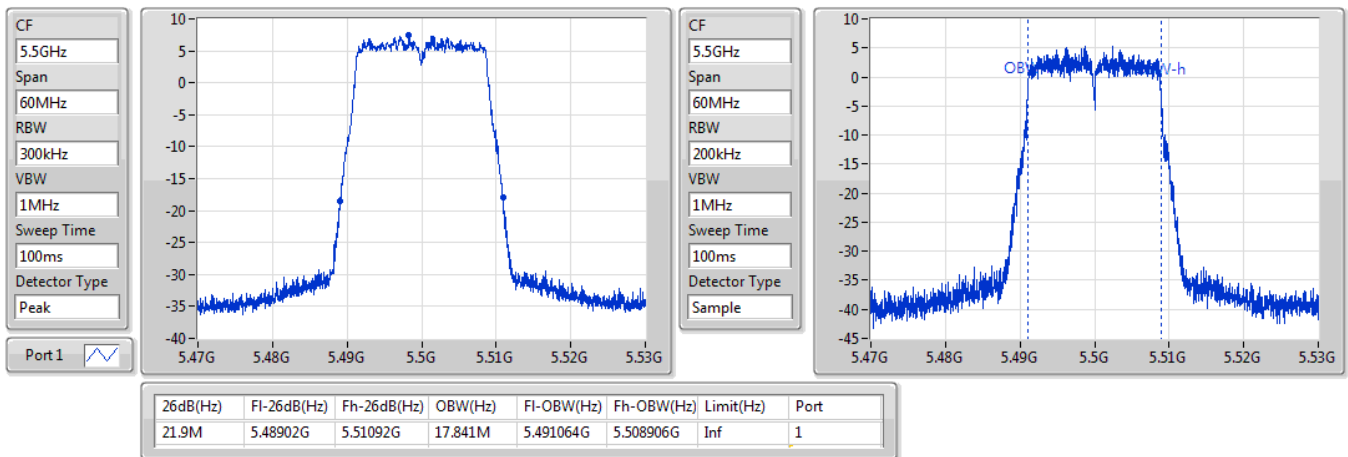


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

04/11/2019

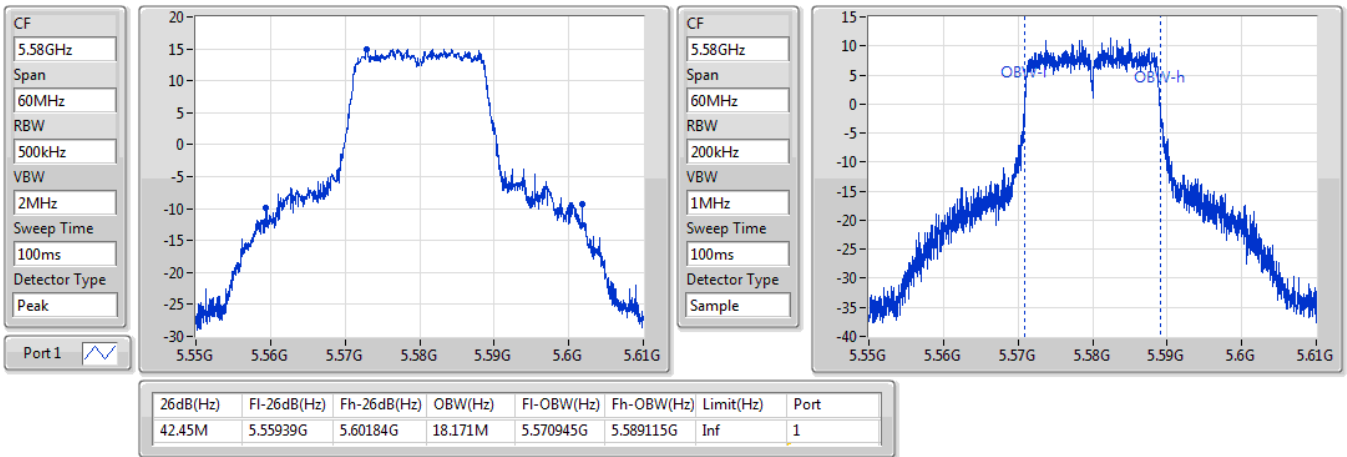

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

04/11/2019

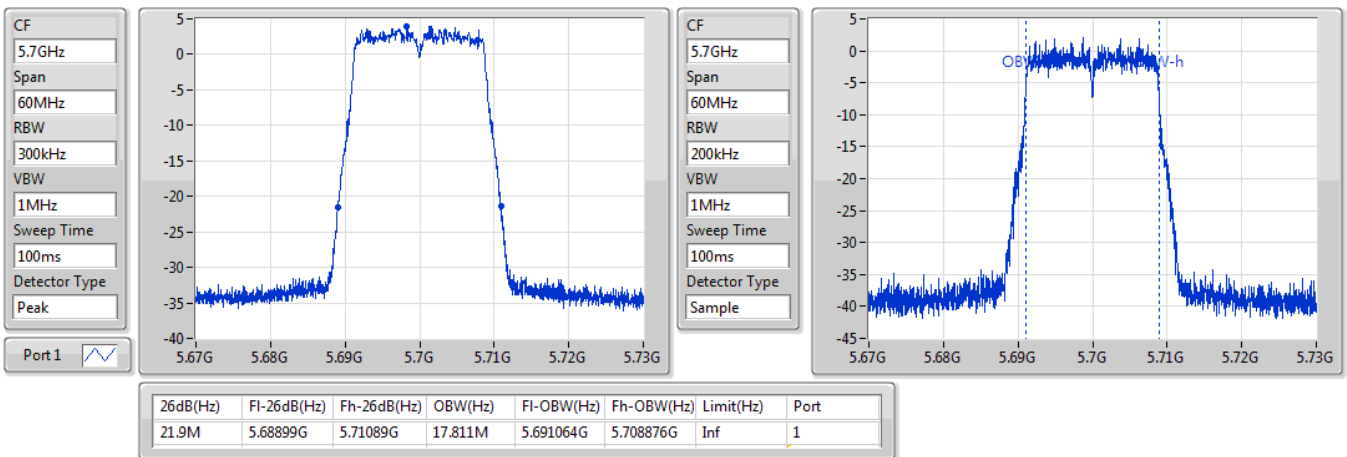


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

04/11/2019

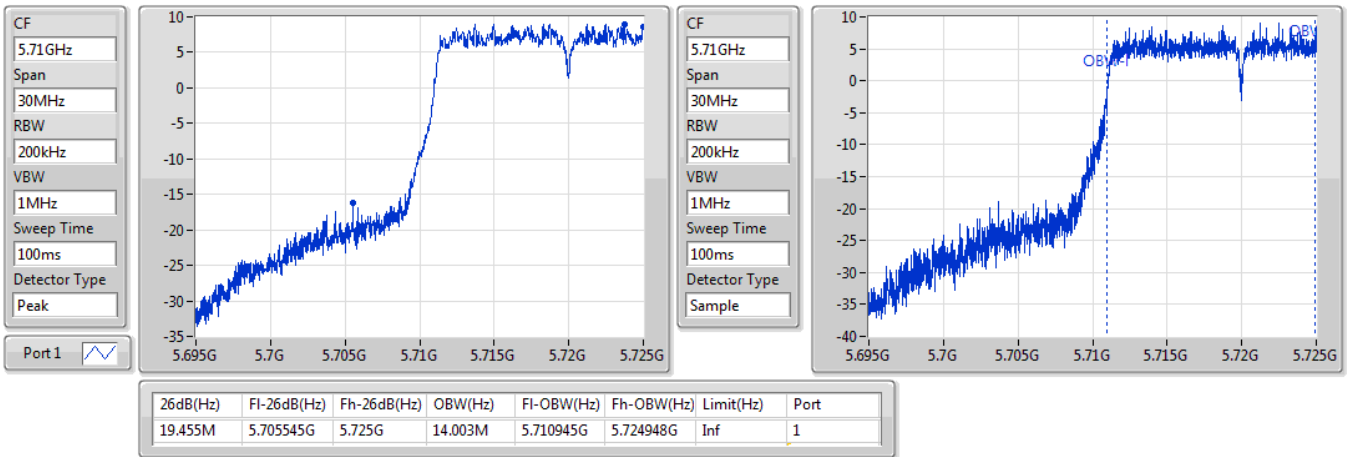

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

04/11/2019

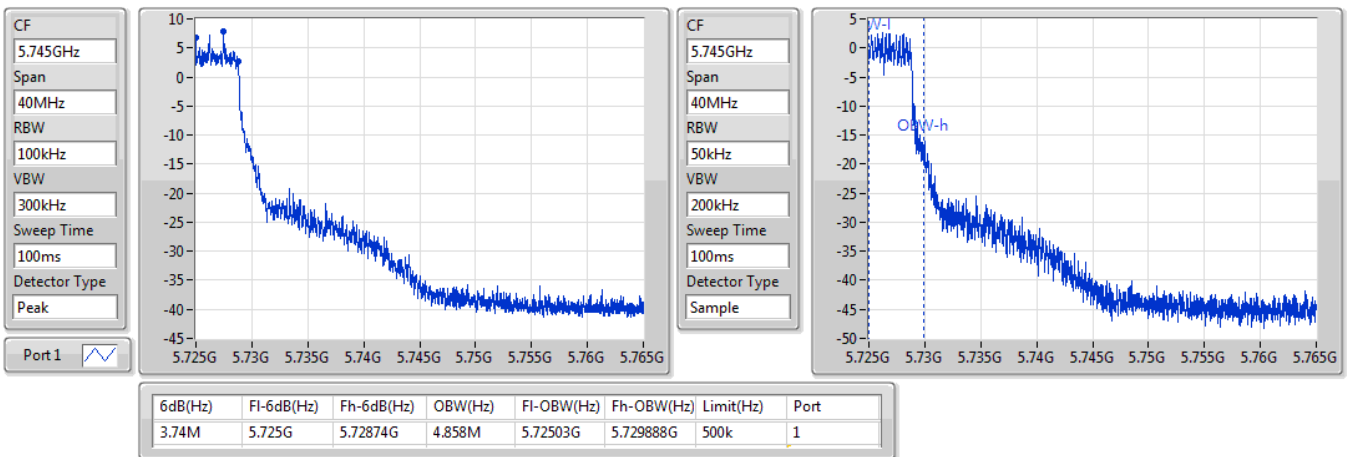


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/11/2019

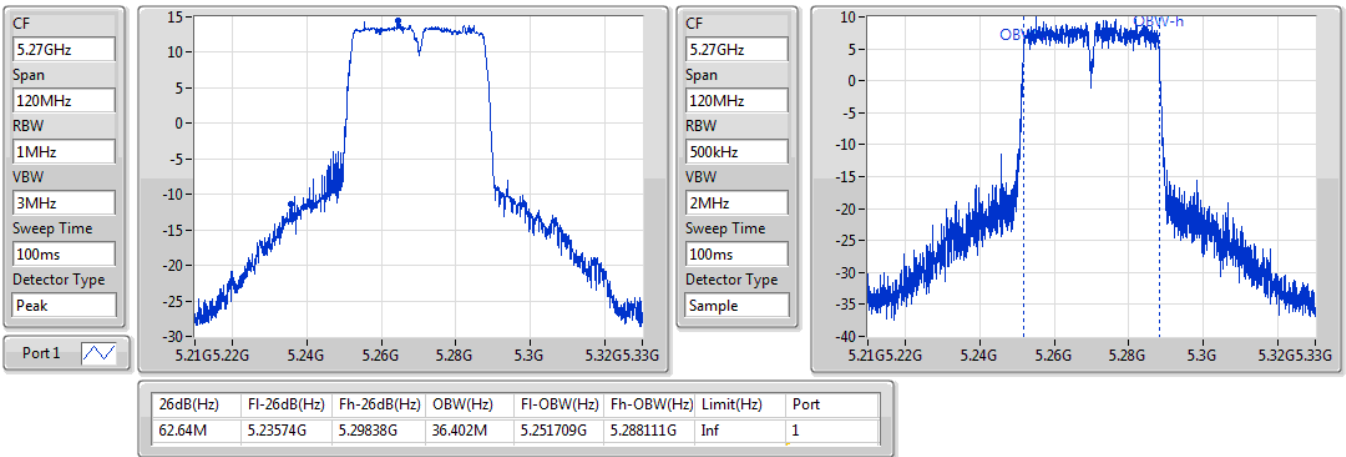

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/11/2019

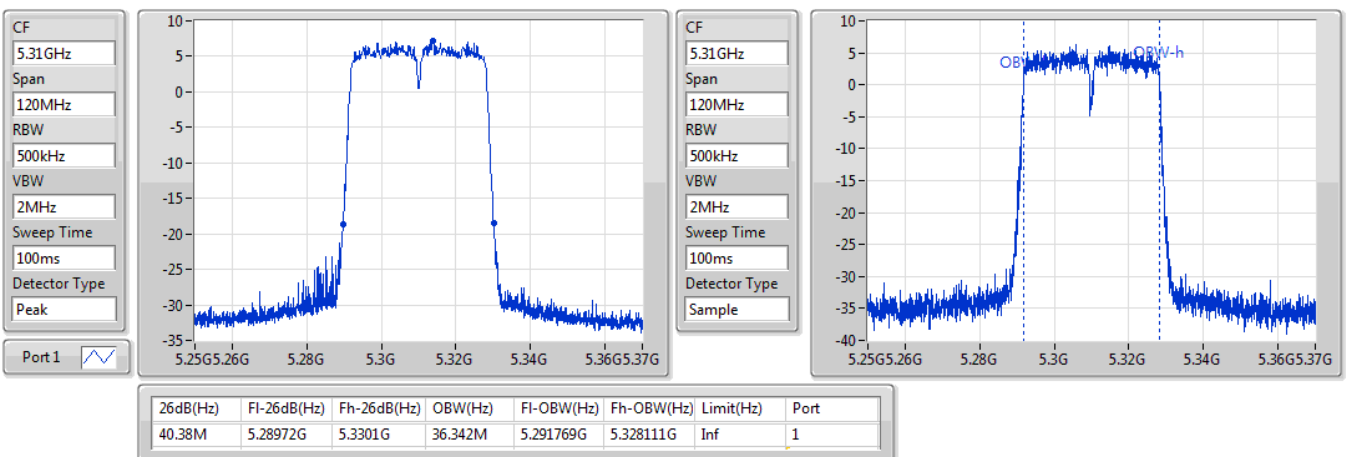


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

04/11/2019

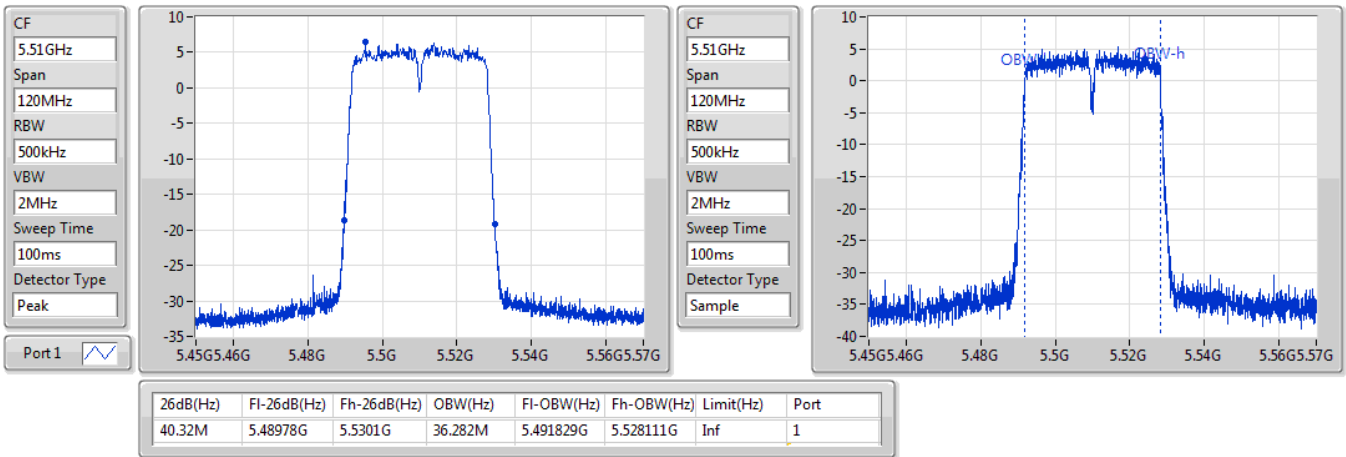

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

04/11/2019

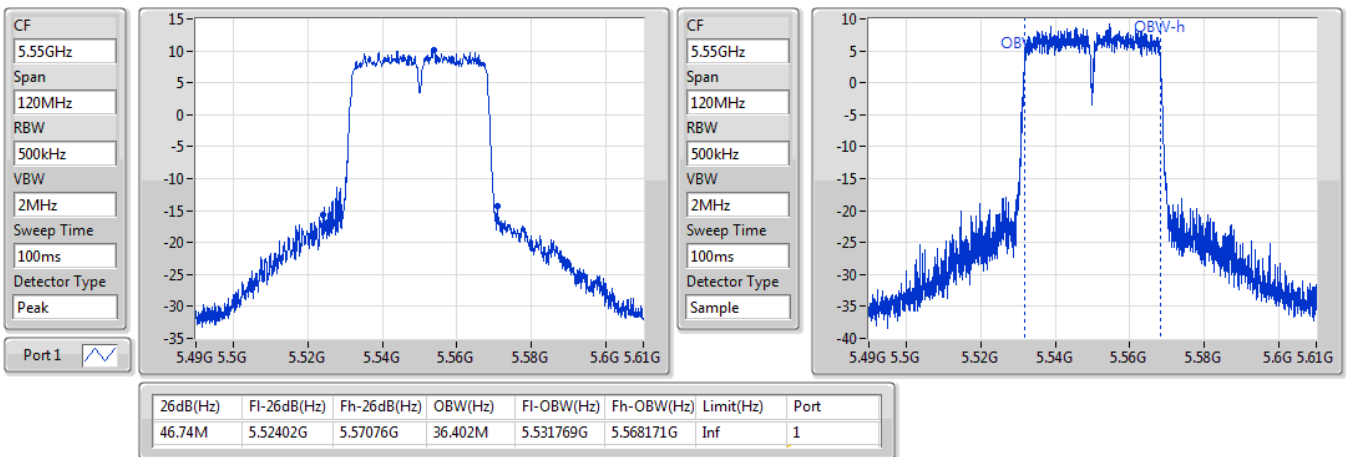


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

04/11/2019

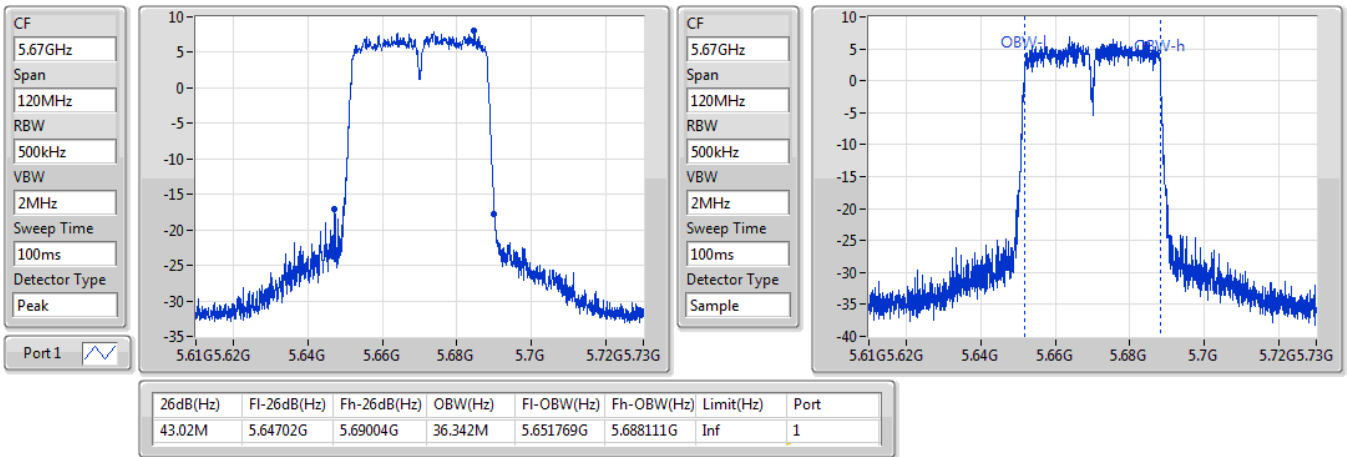

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

04/11/2019

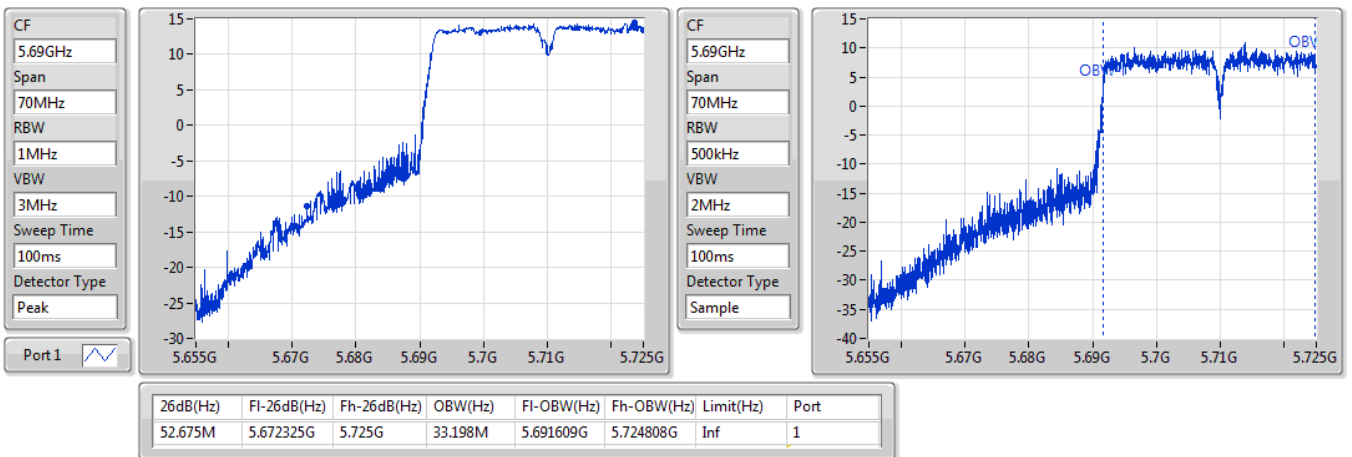


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

04/11/2019

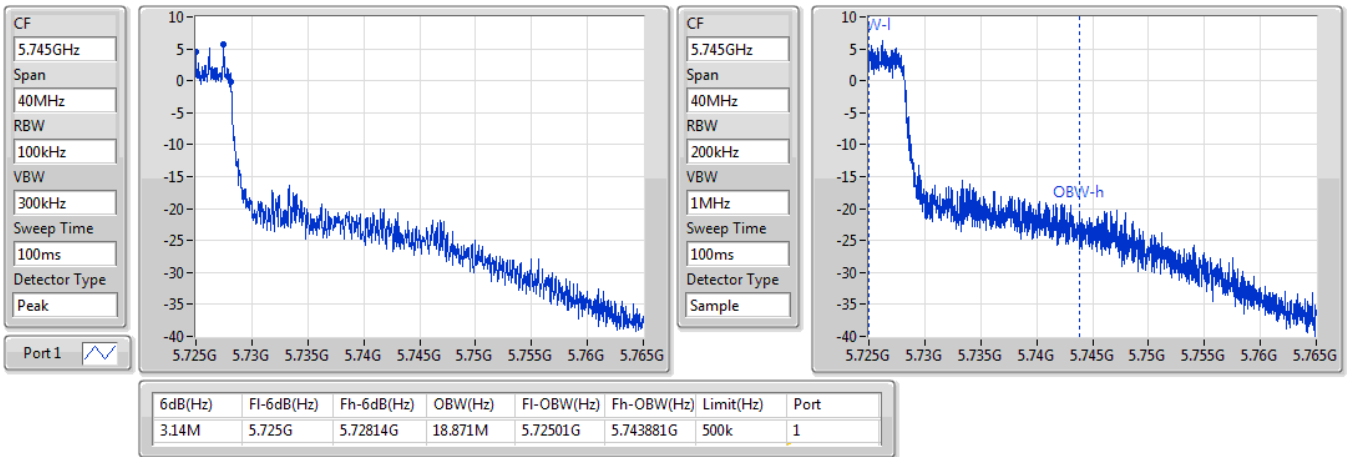

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

04/11/2019

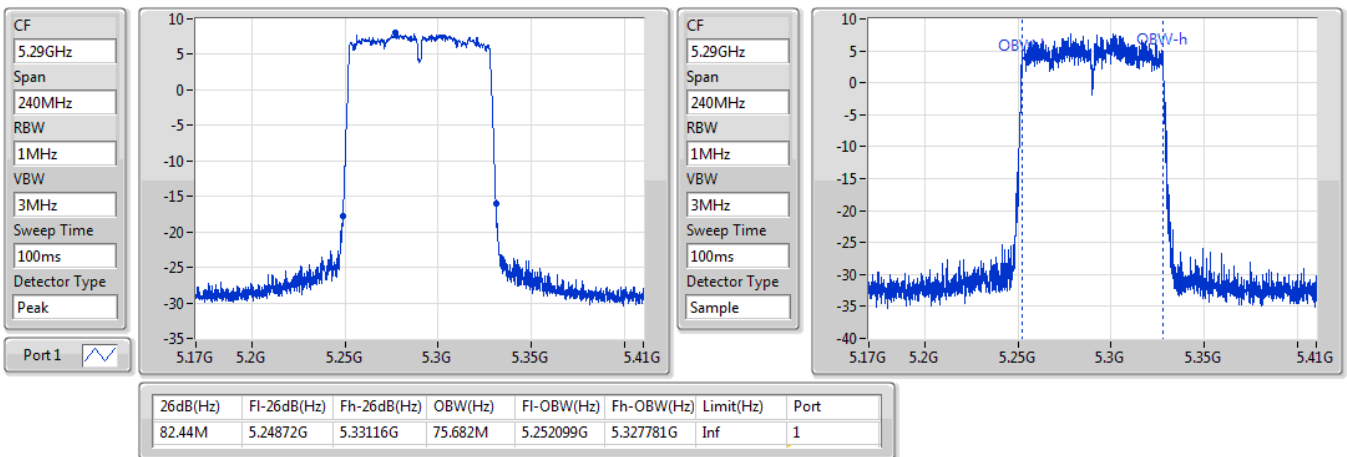


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

04/11/2019

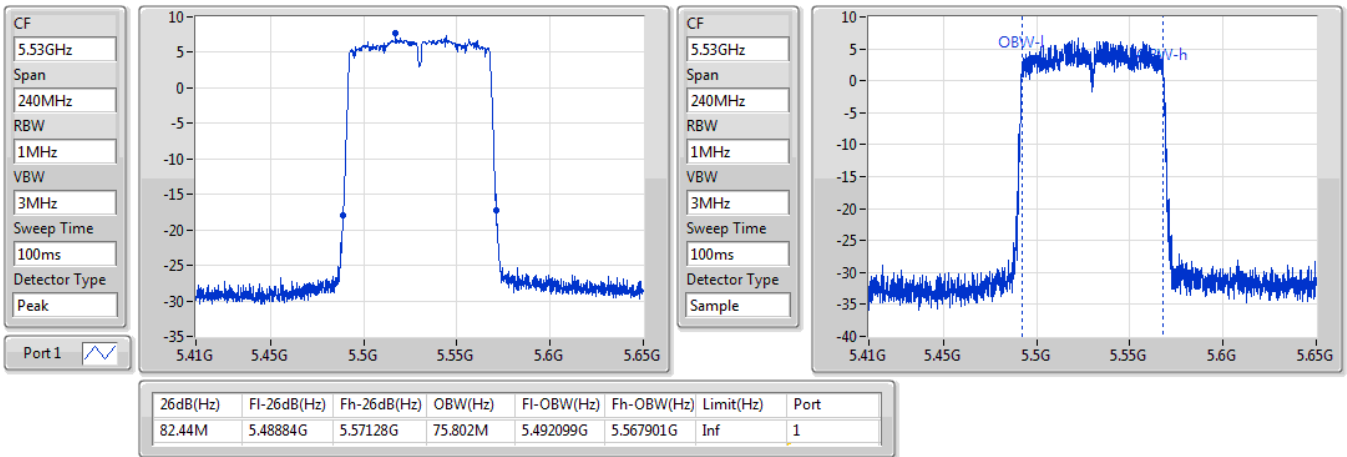

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

04/11/2019

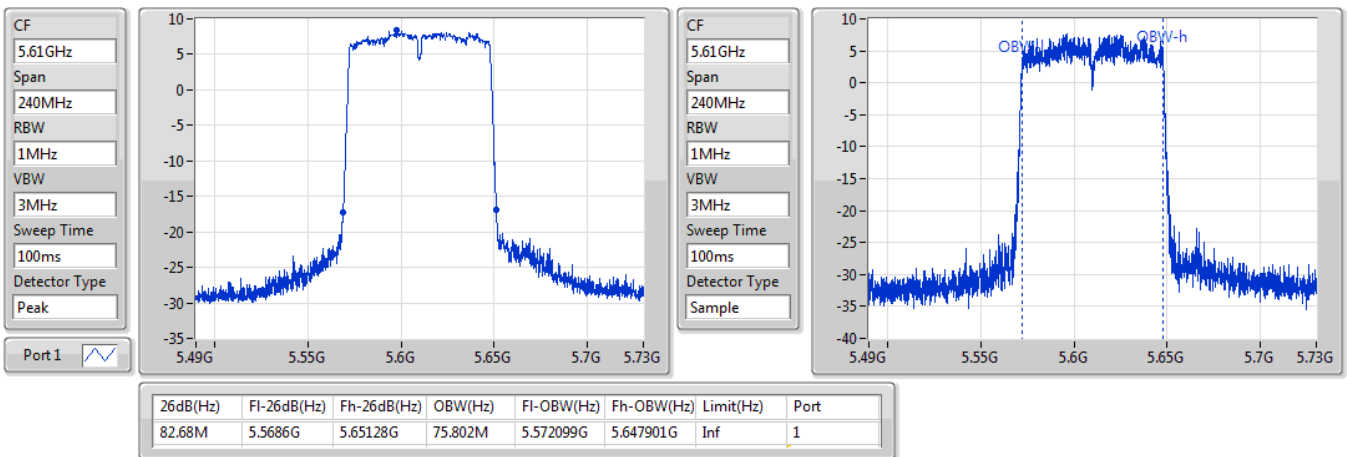


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

04/11/2019

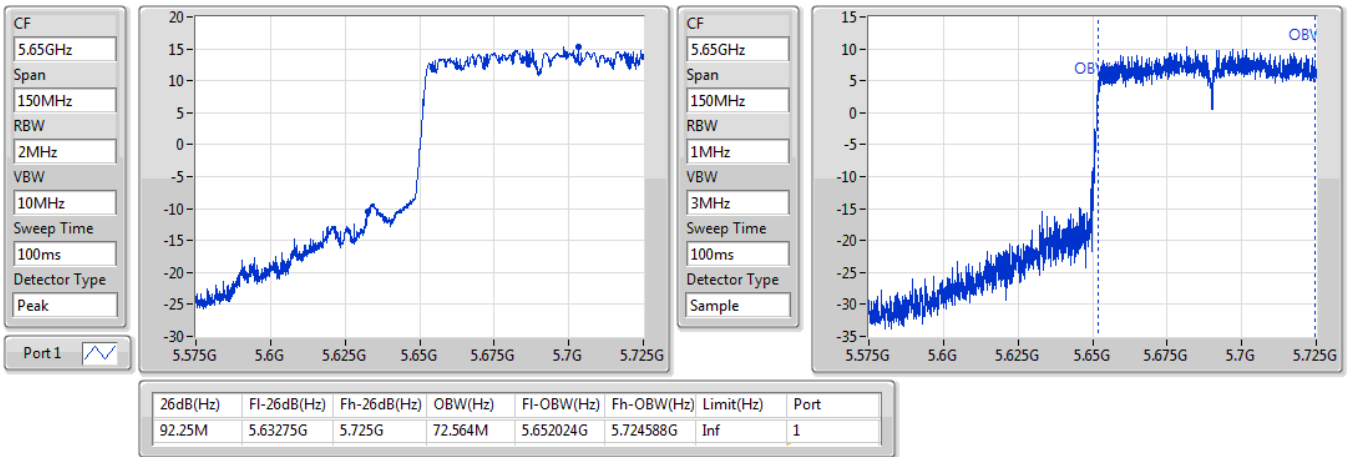

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

04/11/2019

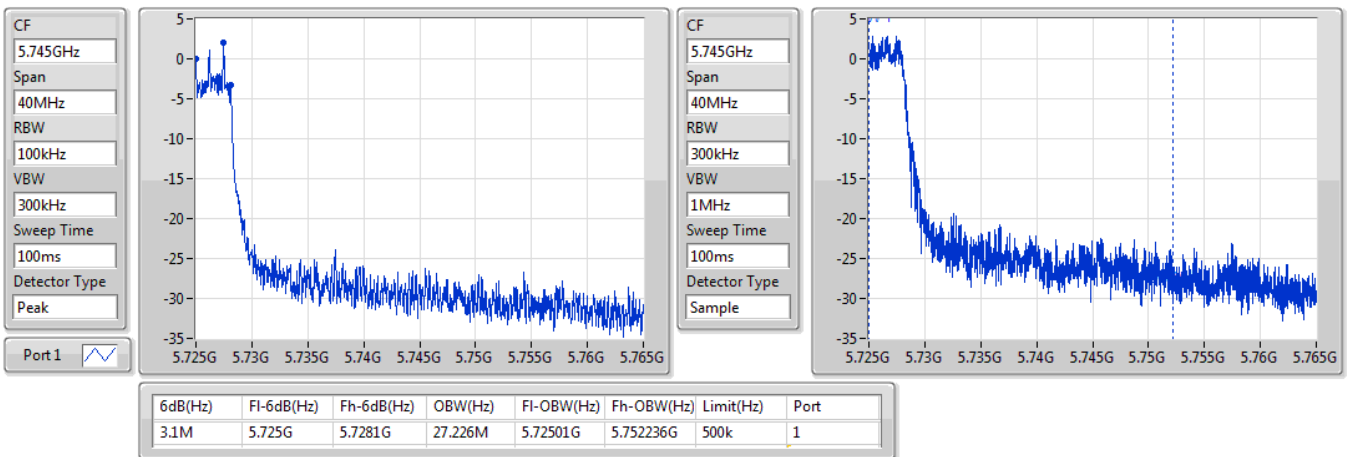


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

04/11/2019

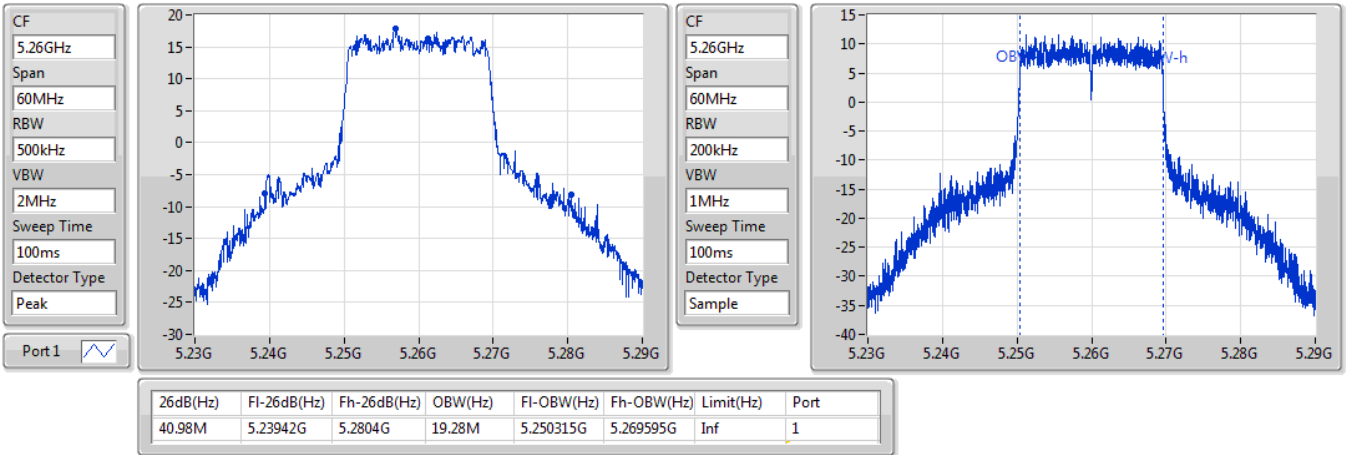

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

04/11/2019

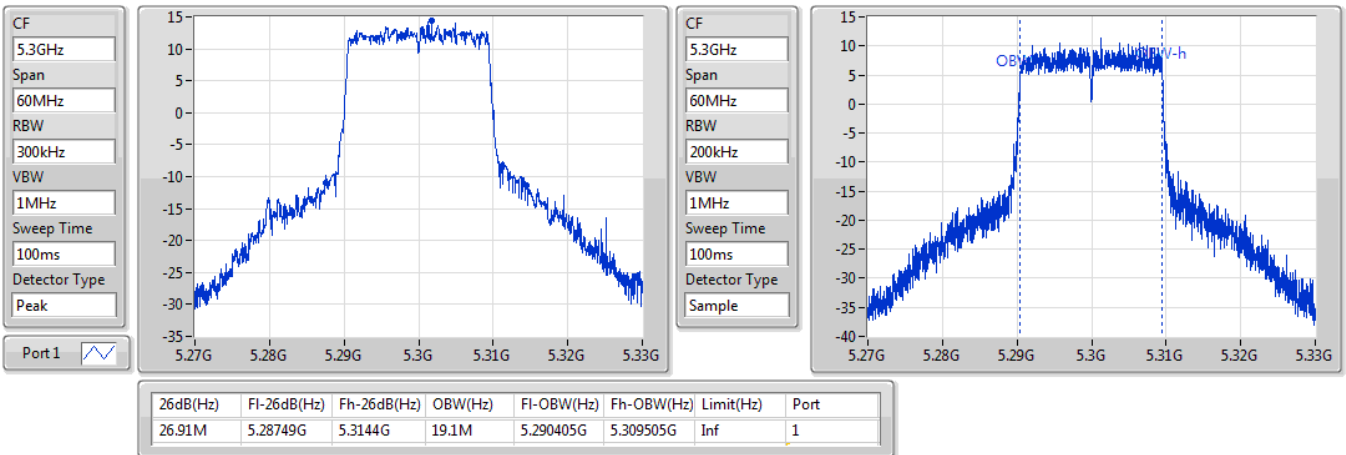


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

04/11/2019

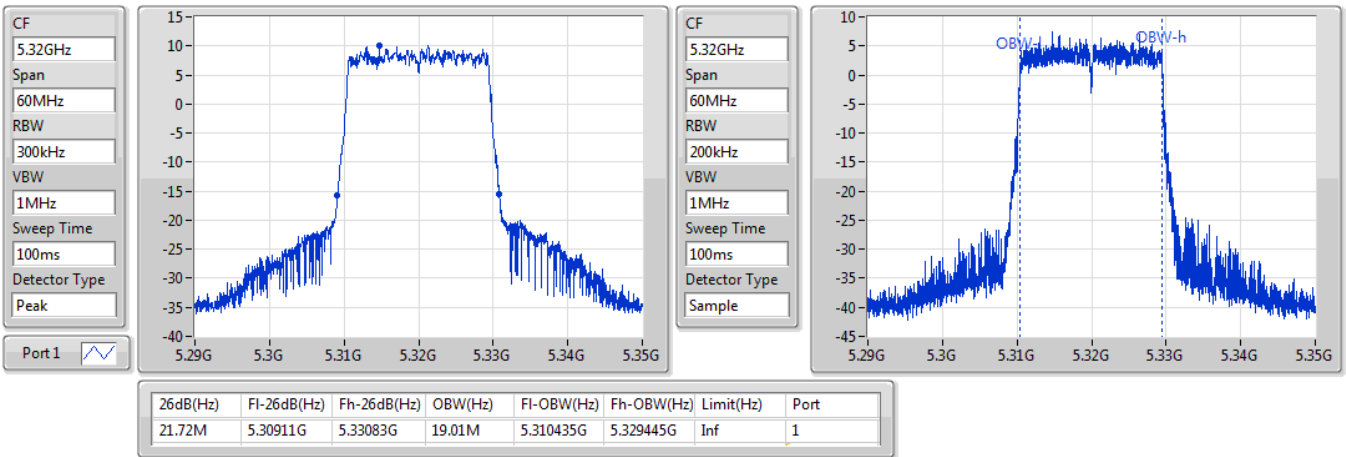

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

04/11/2019

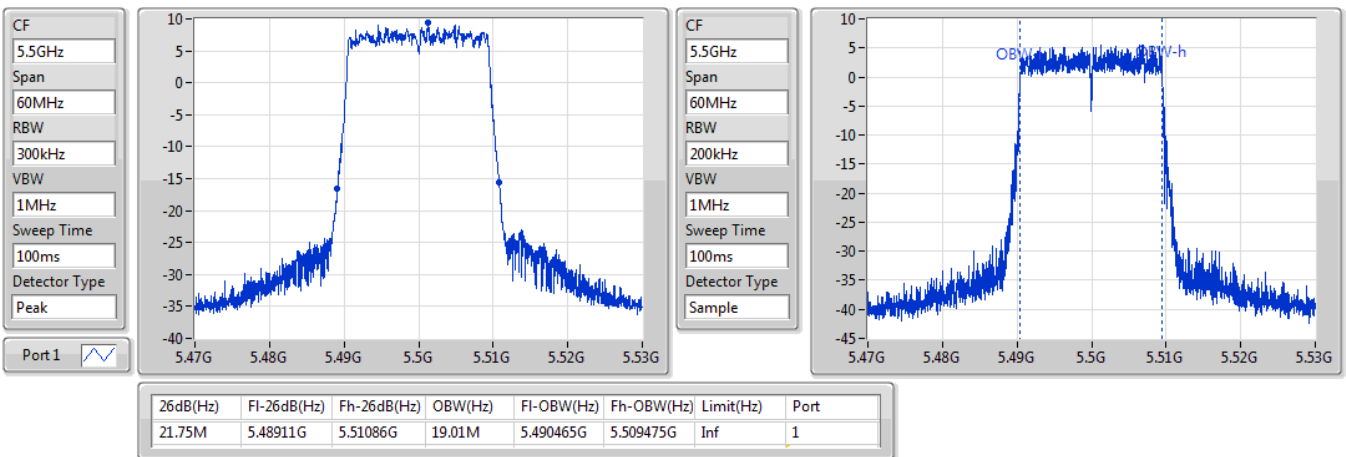


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

04/11/2019

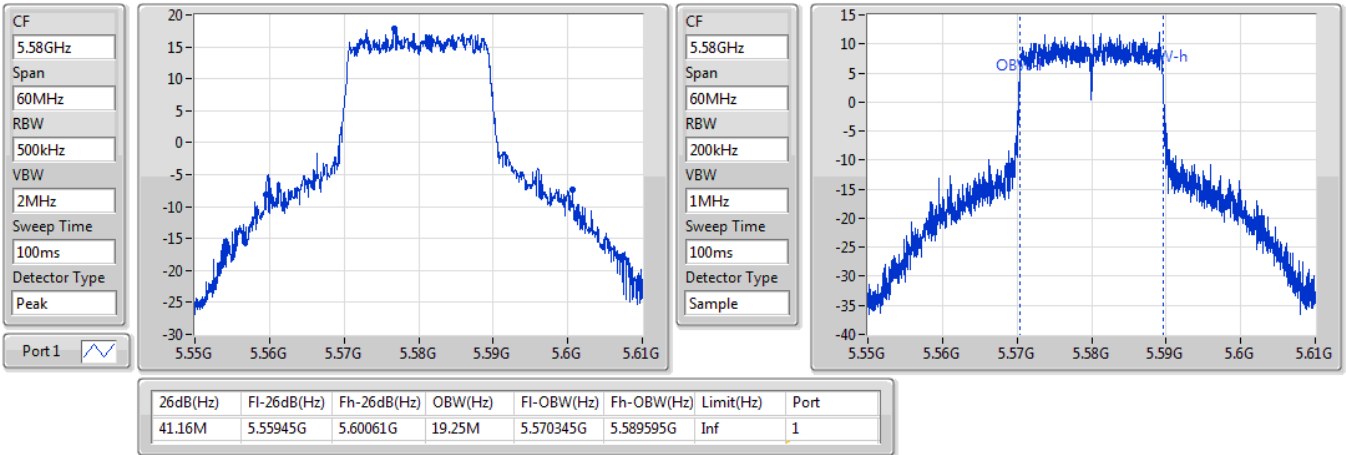

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

04/11/2019

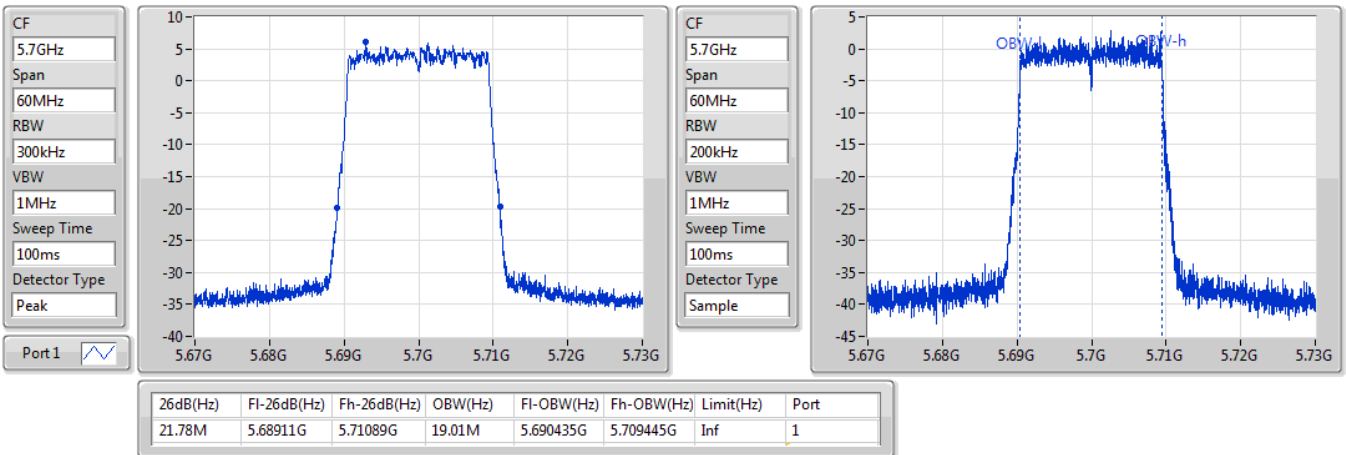


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

04/11/2019

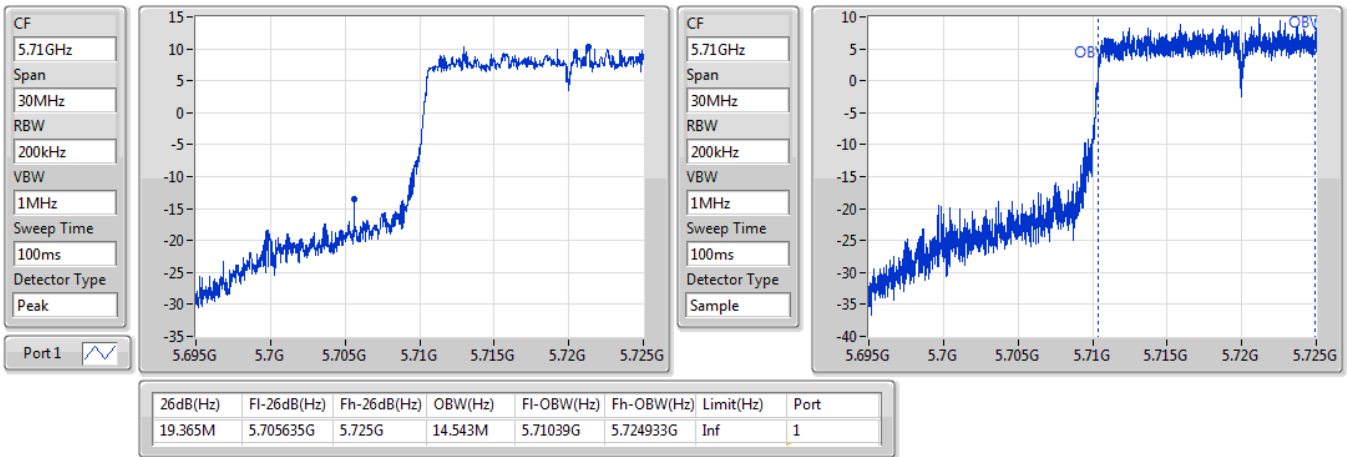

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

04/11/2019

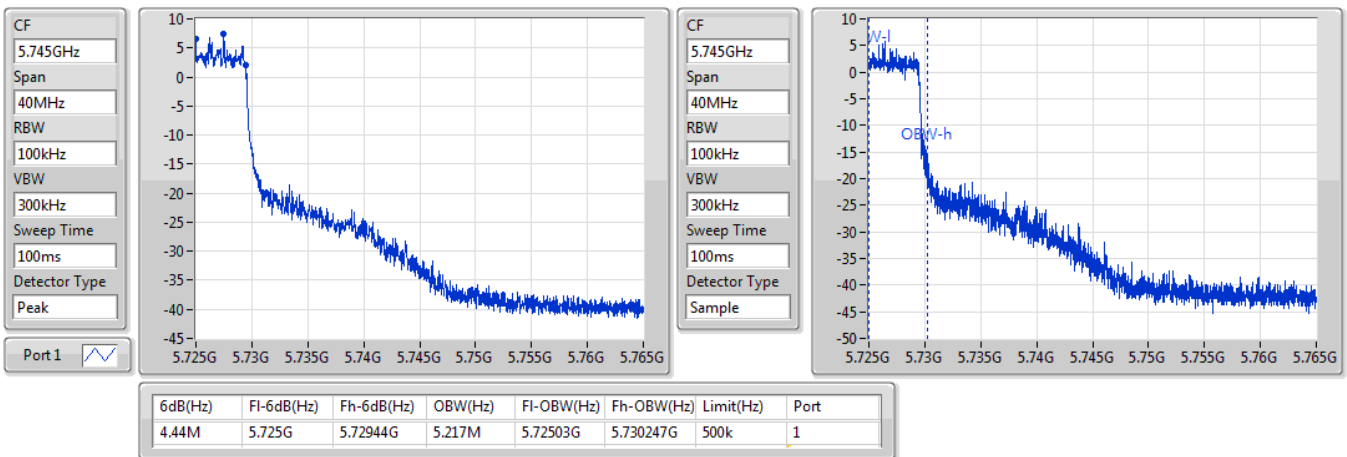


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/11/2019

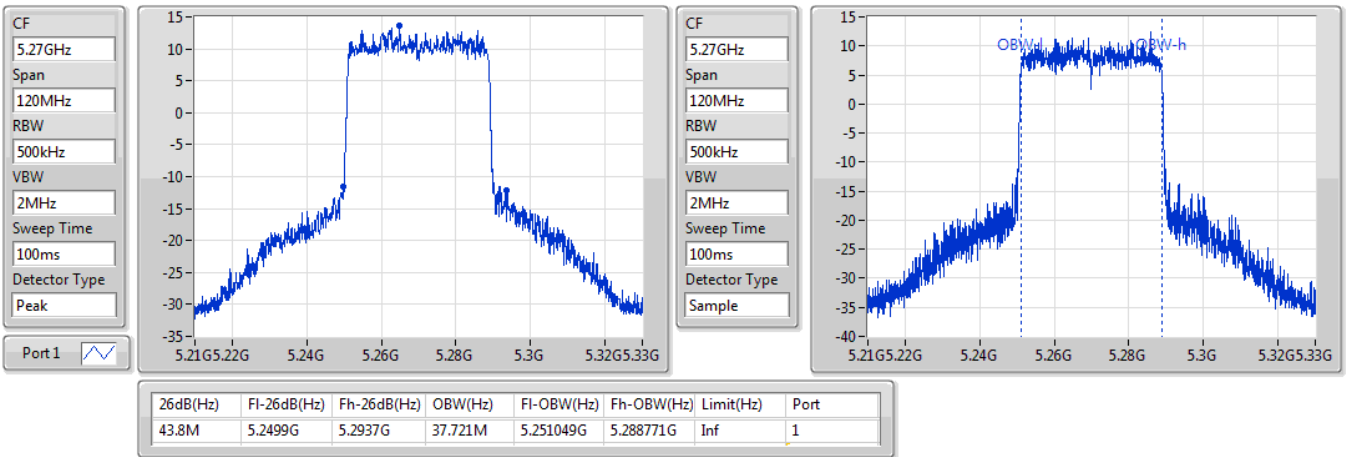

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/11/2019

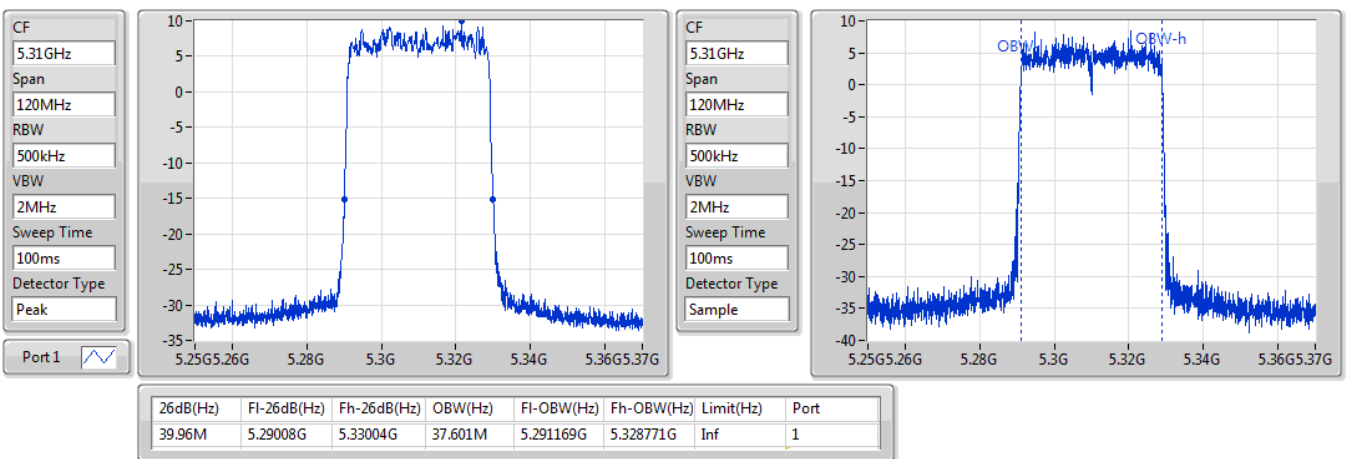


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

04/11/2019

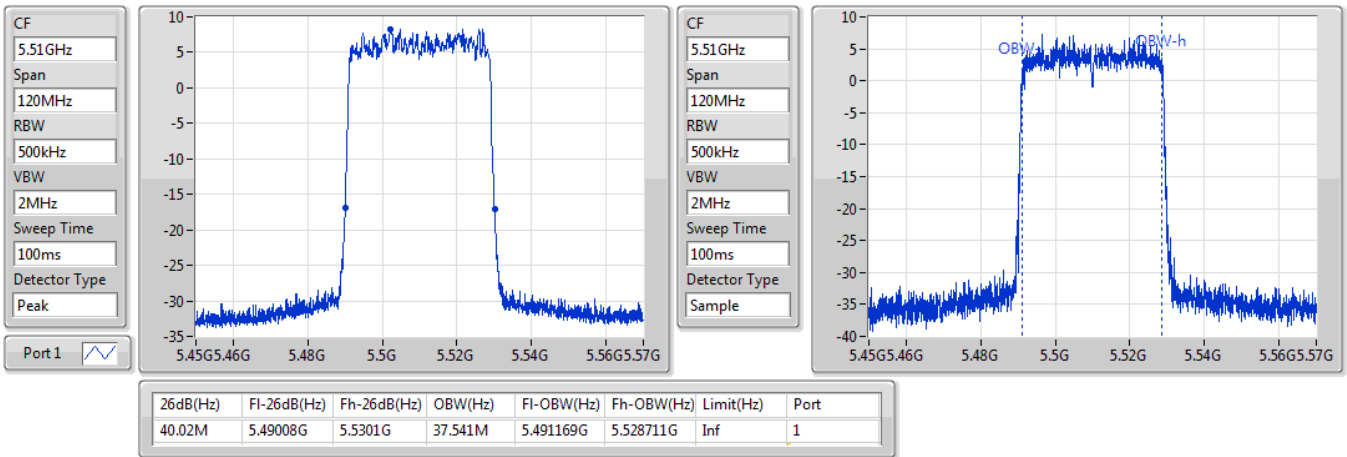

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

04/11/2019

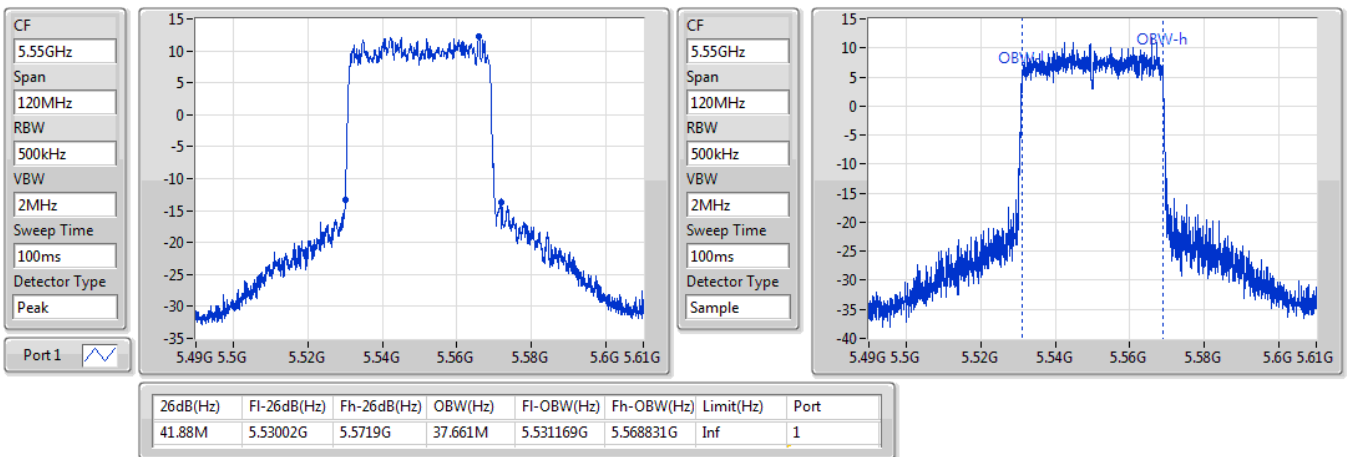


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

04/11/2019

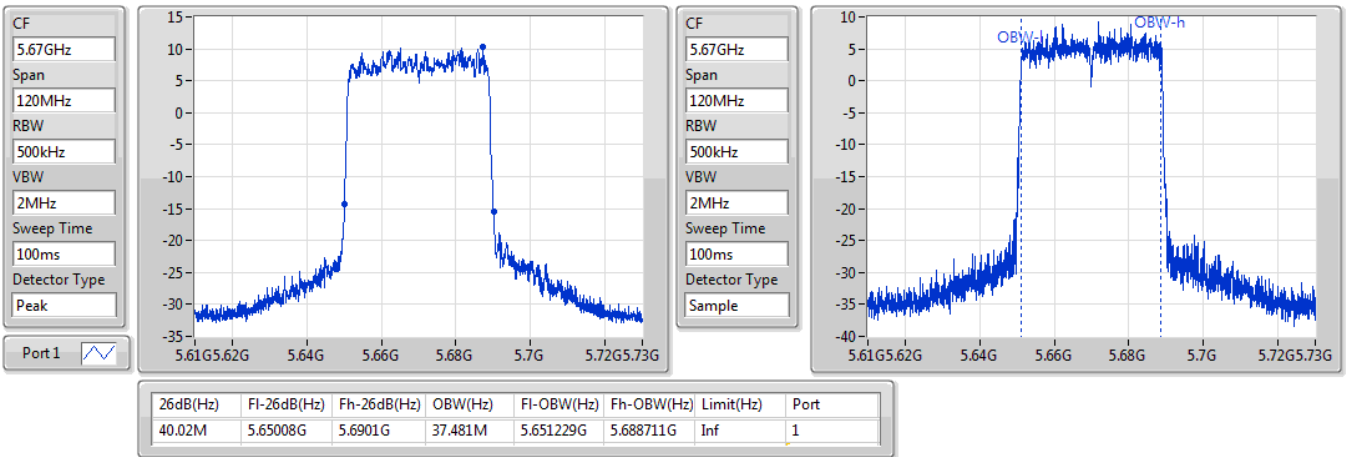

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

04/11/2019

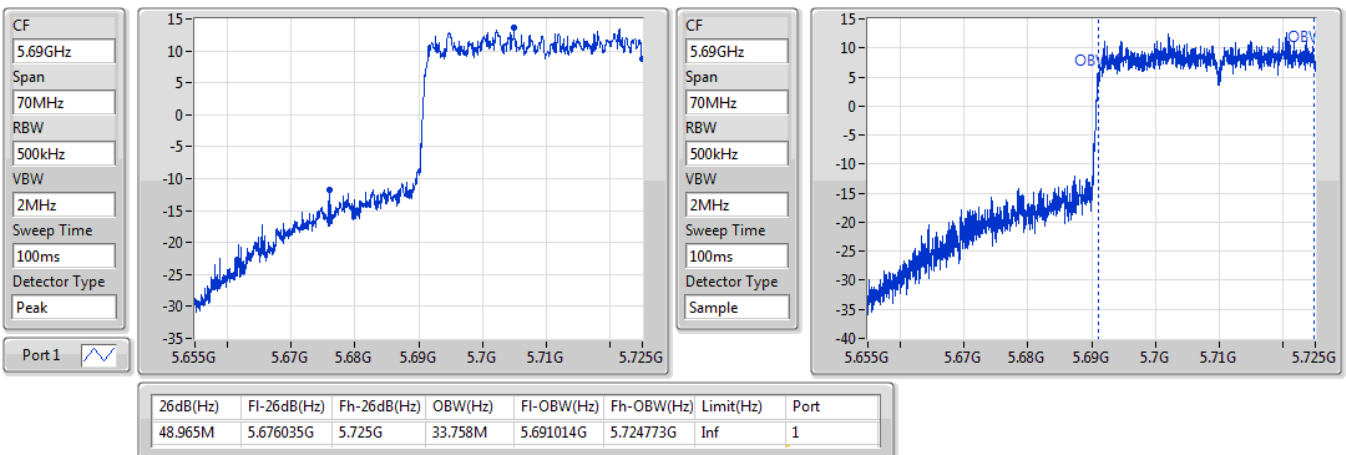


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

04/11/2019

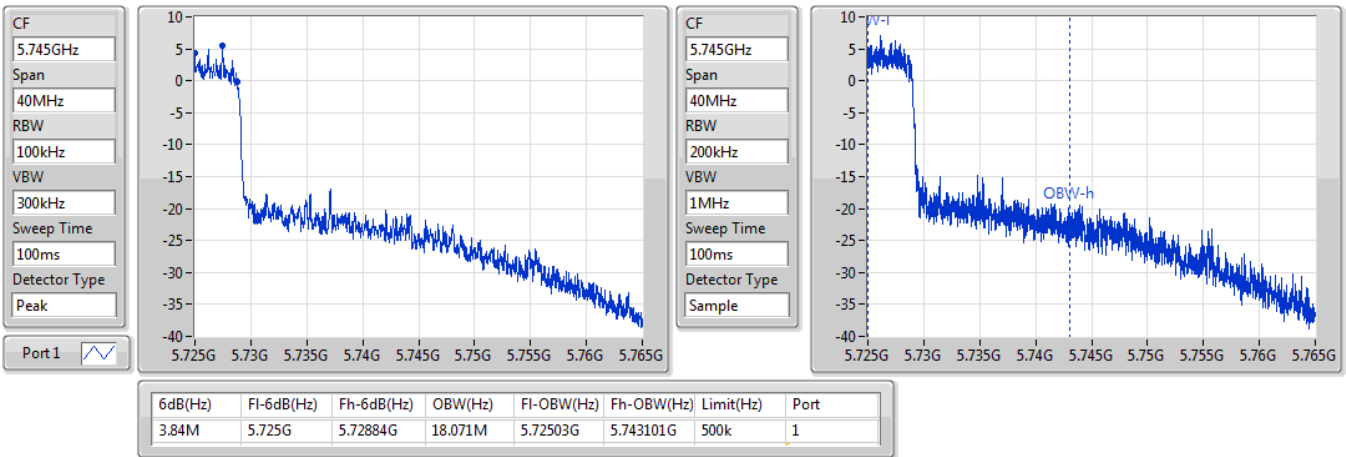

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

04/11/2019

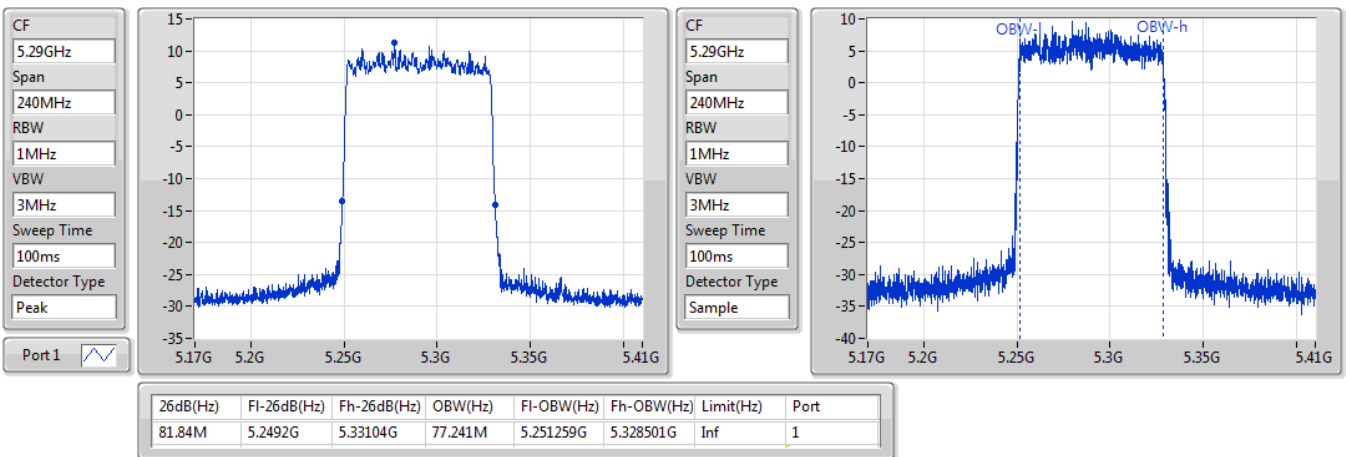


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

04/11/2019

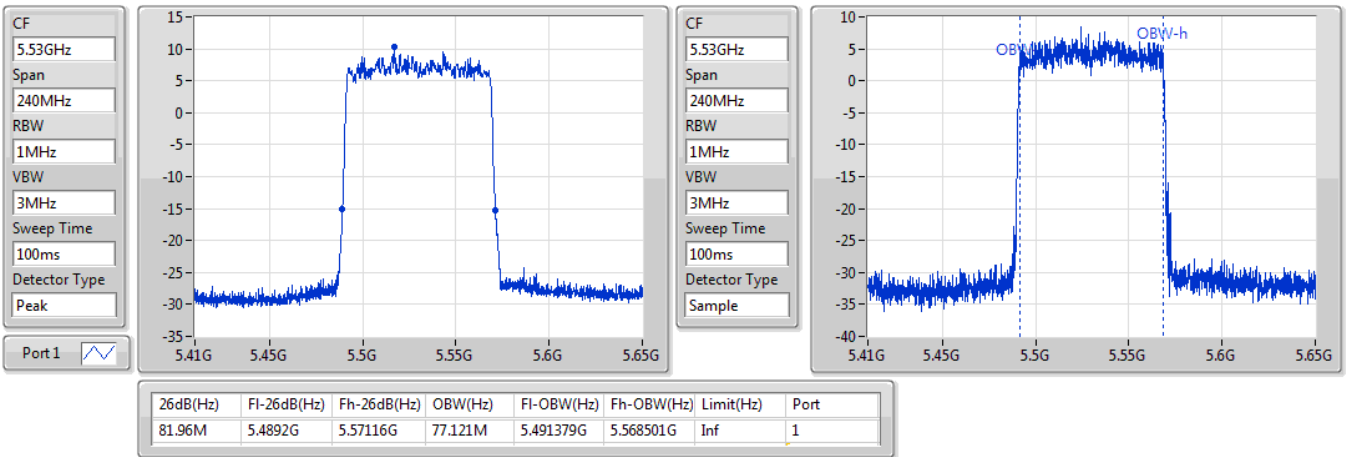

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

04/11/2019

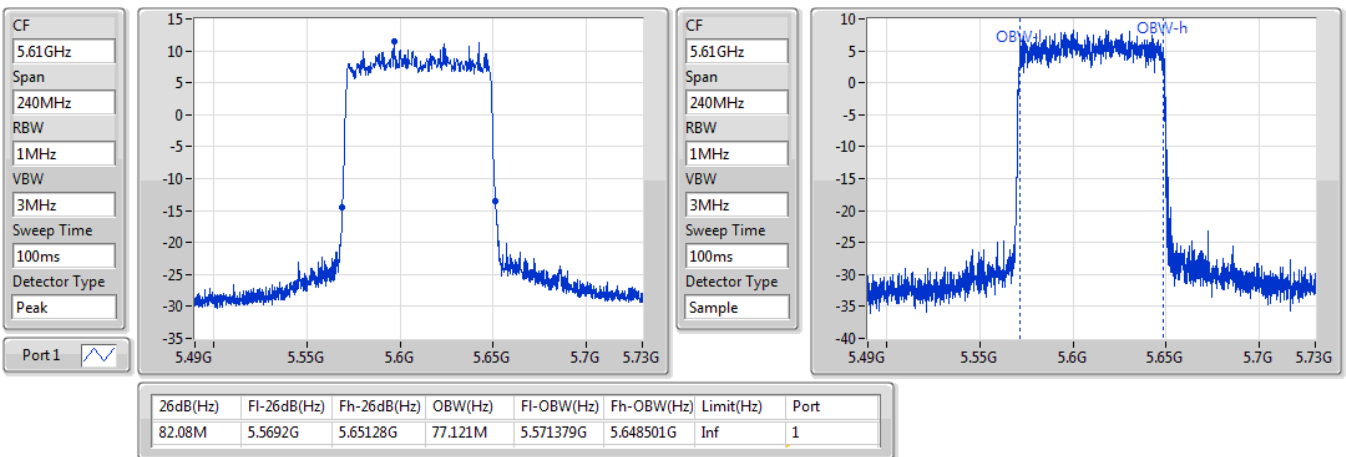


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

04/11/2019

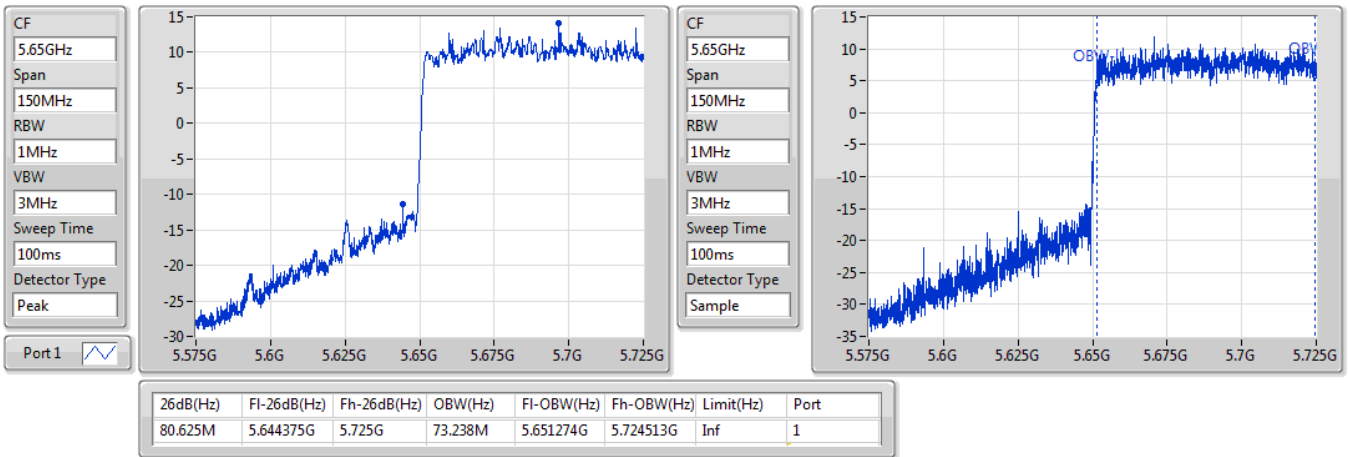

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

04/11/2019

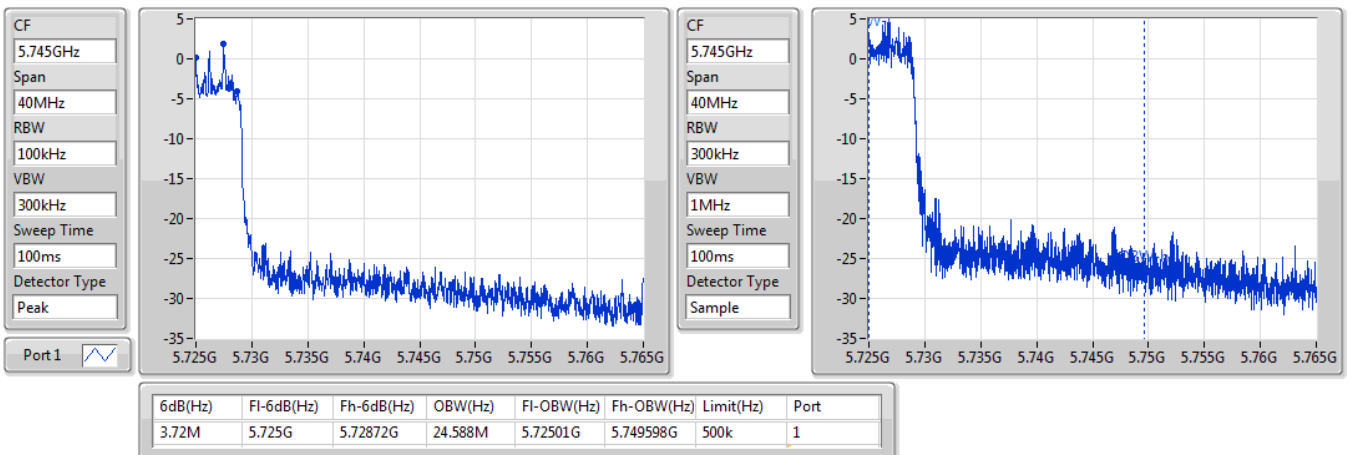


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

04/11/2019


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

04/11/2019



**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       | 21.6M            | 16.642M         | 16M6D1D  | 21.45M           | 16.522M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 22.65M           | 17.811M         | 17M8D1D  | 21.87M           | 17.751M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 46.44M           | 36.282M         | 36M3D1D  | 39.78M           | 36.222M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 82.2M            | 75.802M         | 75M8D1D  | 81.6M            | 75.802M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 22.5M            | 19.01M          | 19M0D1D  | 21.57M           | 18.951M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.08M           | 37.661M         | 37M7D1D  | 40.02M           | 37.481M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.72M           | 77.121M         | 77M1D1D  | 81.36M           | 77.001M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.54M           | 16.642M         | 16M6D1D  | 15.615M          | 13.328M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 22.08M           | 17.841M         | 17M8D1D  | 15.765M          | 13.928M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 48.405M          | 36.342M         | 36M3D1D  | 39.96M           | 33.058M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 93.075M          | 75.802M         | 75M8D1D  | 75.9M            | 72.414M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.93M           | 19.04M          | 19M0D1D  | 15.735M          | 14.513M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.14M           | 37.661M         | 37M7D1D  | 35.105M          | 33.758M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 88.8M            | 77.121M         | 77M1D1D  | 75.375M          | 73.088M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 3.14M            | 4.078M          | 4M08D1D  | 3.12M            | 3.978M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 3.74M            | 4.438M          | 4M44D1D  | 3.74M            | 4.338M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 3.12M            | 14.673M         | 14M7D1D  | 3.12M            | 4.238M          |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 3.1M             | 22.049M         | 22M0D1D  | 3.1M             | 11.134M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 4.44M            | 4.658M          | 4M66D1D  | 4.44M            | 4.518M          |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 3.78M            | 14.393M         | 14M4D1D  | 3.78M            | 6.537M          |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 3.7M             | 20.27M          | 20M3D1D  | 3.34M            | 10.475M         |

**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                        | Pass   | Inf           | 21.45M              | 16.582M            | 21.45M              | 16.552M            |
| 5300MHz                        | Pass   | Inf           | 21.45M              | 16.612M            | 21.48M              | 16.522M            |
| 5320MHz                        | Pass   | Inf           | 21.6M               | 16.642M            | 21.45M              | 16.582M            |
| 5500MHz                        | Pass   | Inf           | 21.54M              | 16.642M            | 21.42M              | 16.582M            |
| 5580MHz                        | Pass   | Inf           | 21.45M              | 16.582M            | 21.48M              | 16.612M            |
| 5700MHz                        | Pass   | Inf           | 21.36M              | 16.582M            | 21.54M              | 16.582M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.615M             | 13.328M            | 15.795M             | 13.328M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.14M               | 4.078M             | 3.12M               | 3.978M             |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.96M              | 17.781M            | 22.5M               | 17.751M            |
| 5300MHz                        | Pass   | Inf           | 21.99M              | 17.811M            | 22.65M              | 17.751M            |
| 5320MHz                        | Pass   | Inf           | 21.9M               | 17.781M            | 21.87M              | 17.781M            |
| 5500MHz                        | Pass   | Inf           | 21.9M               | 17.811M            | 21.69M              | 17.781M            |
| 5580MHz                        | Pass   | Inf           | 21.78M              | 17.841M            | 22.08M              | 17.751M            |
| 5700MHz                        | Pass   | Inf           | 21.81M              | 17.811M            | 21.57M              | 17.811M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.765M             | 13.943M            | 16.02M              | 13.928M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.74M               | 4.338M             | 3.74M               | 4.438M             |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 46.44M              | 36.222M            | 44.94M              | 36.282M            |
| 5310MHz                        | Pass   | Inf           | 40.26M              | 36.282M            | 39.78M              | 36.282M            |
| 5510MHz                        | Pass   | Inf           | 40.2M               | 36.342M            | 39.96M              | 36.342M            |
| 5550MHz                        | Pass   | Inf           | 48.06M              | 36.222M            | 43.08M              | 36.342M            |
| 5670MHz                        | Pass   | Inf           | 40.26M              | 36.342M            | 40.02M              | 36.222M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 41.615M             | 33.058M            | 48.405M             | 33.128M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 4.238M             | 3.12M               | 14.673M            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 82.2M               | 75.802M            | 81.6M               | 75.802M            |
| 5530MHz                        | Pass   | Inf           | 81.72M              | 75.802M            | 81.84M              | 75.682M            |
| 5610MHz                        | Pass   | Inf           | 81.84M              | 75.802M            | 88.08M              | 75.802M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.9M               | 72.414M            | 93.075M             | 72.564M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 11.134M            | 3.1M                | 22.049M            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.9M               | 19.01M             | 22.5M               | 18.981M            |
| 5300MHz                        | Pass   | Inf           | 21.78M              | 18.981M            | 22.47M              | 18.951M            |
| 5320MHz                        | Pass   | Inf           | 21.93M              | 18.951M            | 21.57M              | 18.981M            |
| 5500MHz                        | Pass   | Inf           | 21.9M               | 18.981M            | 21.51M              | 18.951M            |
| 5580MHz                        | Pass   | Inf           | 21.93M              | 18.981M            | 21.39M              | 19.01M             |
| 5700MHz                        | Pass   | Inf           | 21.9M               | 19.04M             | 21.54M              | 18.981M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.915M             | 14.528M            | 15.735M             | 14.513M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.44M               | 4.518M             | 4.44M               | 4.658M             |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 40.08M              | 37.601M            | 40.02M              | 37.601M            |
| 5310MHz                        | Pass   | Inf           | 40.08M              | 37.661M            | 40.02M              | 37.481M            |

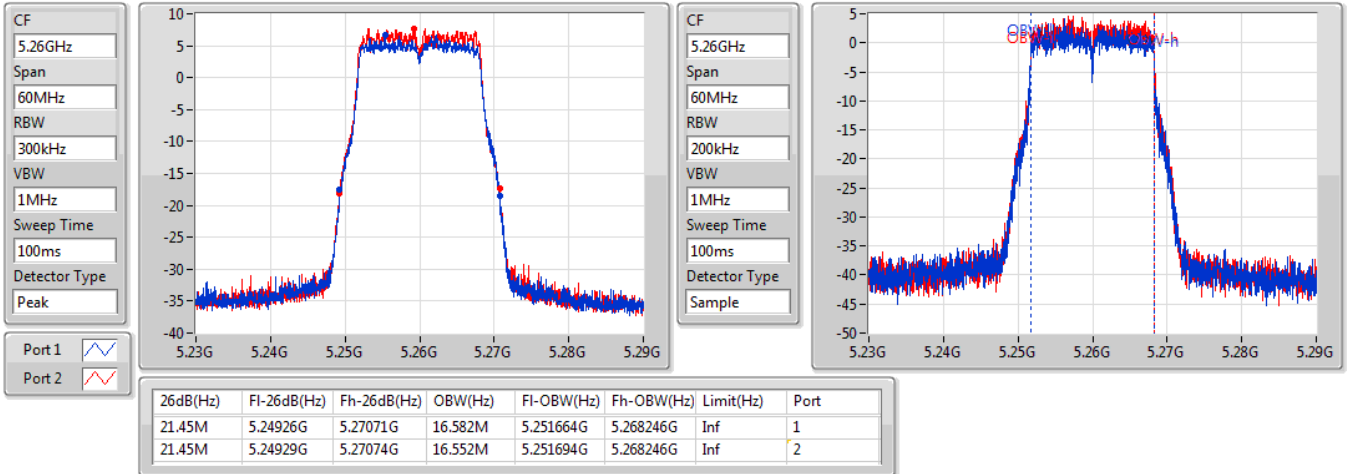
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5510MHz                        | Pass   | Inf           | 40.02M              | 37.481M            | 40.02M              | 37.601M            |
| 5550MHz                        | Pass   | Inf           | 40.02M              | 37.541M            | 40.14M              | 37.661M            |
| 5670MHz                        | Pass   | Inf           | 40.08M              | 37.601M            | 39.96M              | 37.601M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 35.105M             | 33.793M            | 35.105M             | 33.758M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.78M               | 6.537M             | 3.78M               | 14.393M            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.36M              | 77.001M            | 81.72M              | 77.121M            |
| 5530MHz                        | Pass   | Inf           | 81.6M               | 76.882M            | 81.6M               | 77.001M            |
| 5610MHz                        | Pass   | Inf           | 81.48M              | 77.121M            | 88.8M               | 77.121M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.375M             | 73.088M            | 85.425M             | 73.388M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.34M               | 10.475M            | 3.7M                | 20.27M             |

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

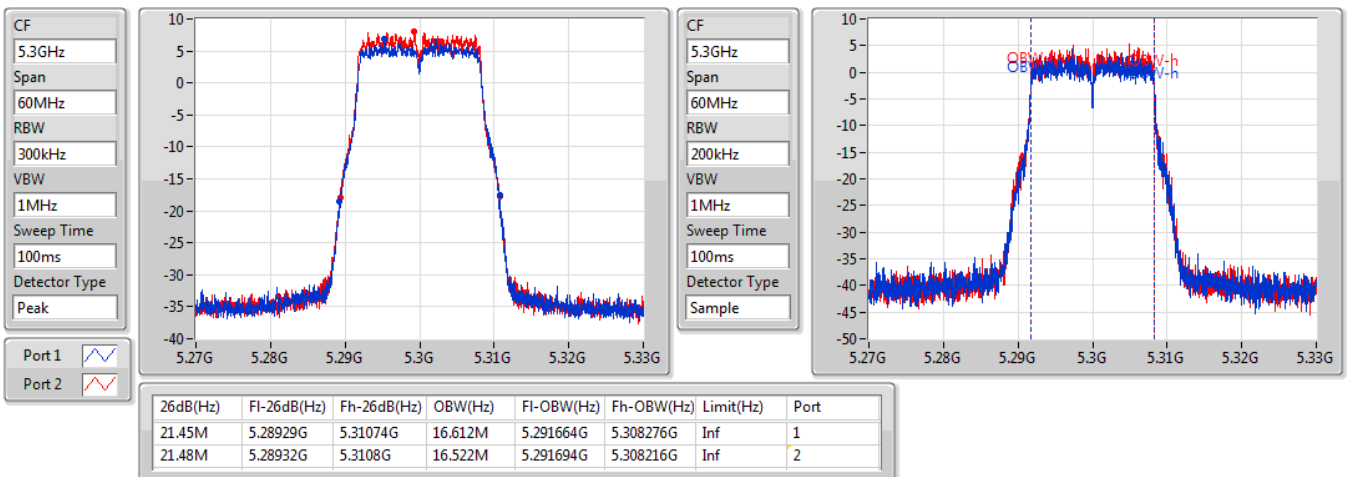
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5260MHz**

04/11/2019

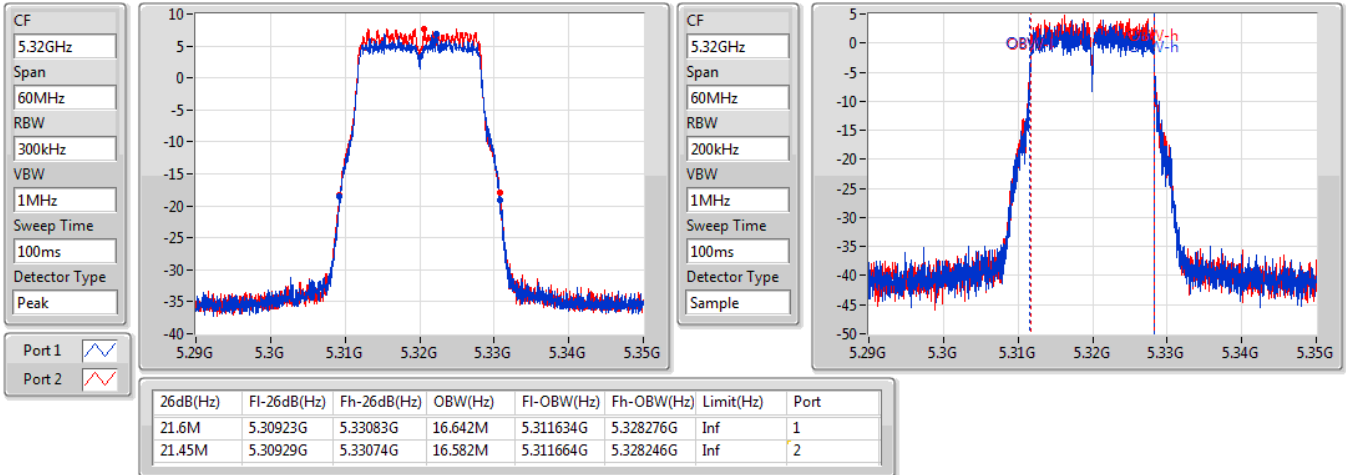

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

04/11/2019

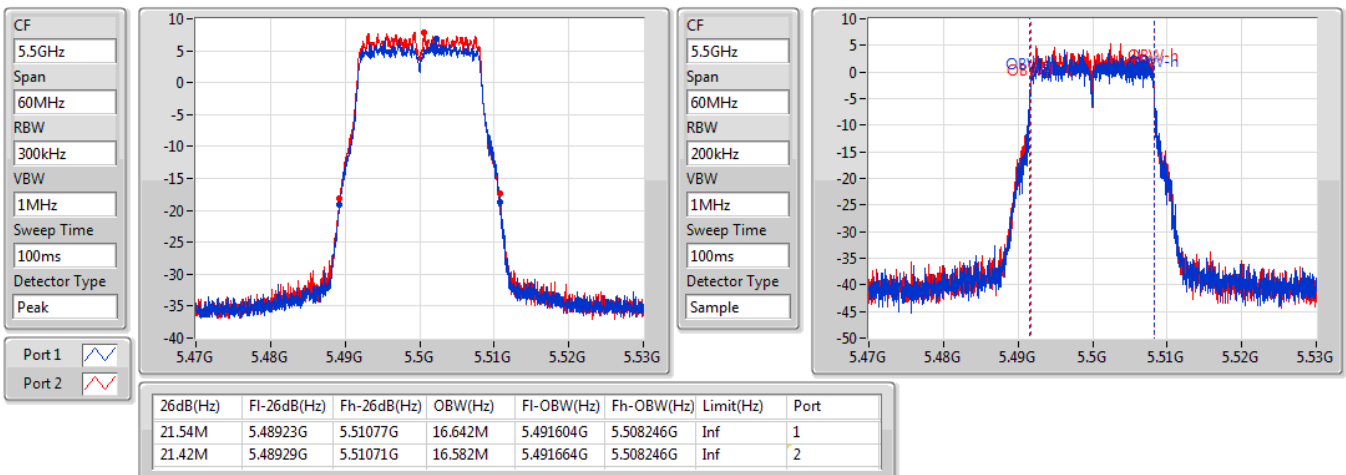


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5320MHz**

04/11/2019

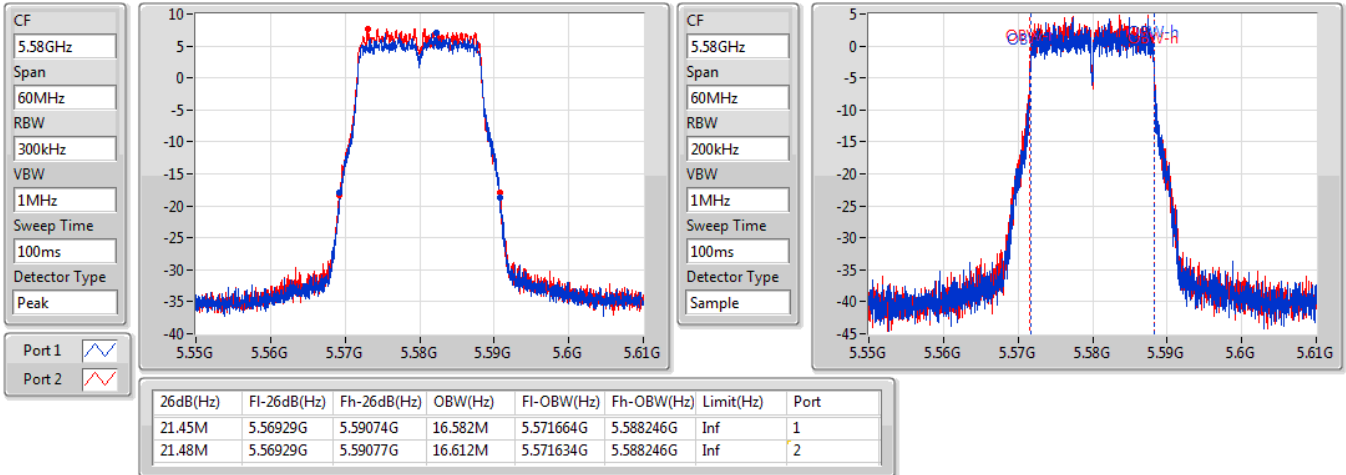

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5500MHz**

04/11/2019

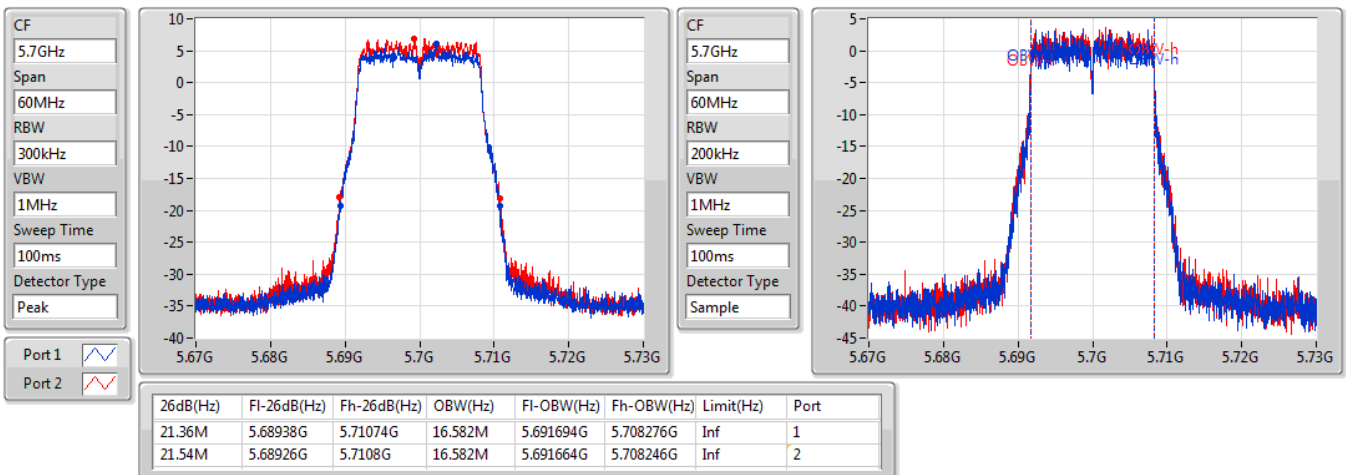


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

04/11/2019

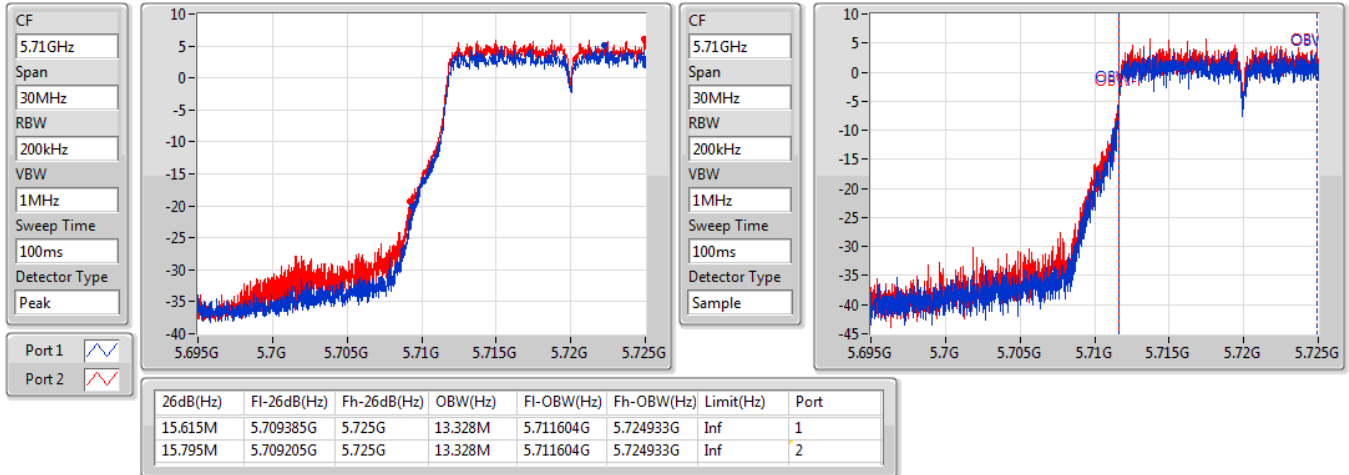

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5700MHz**

04/11/2019

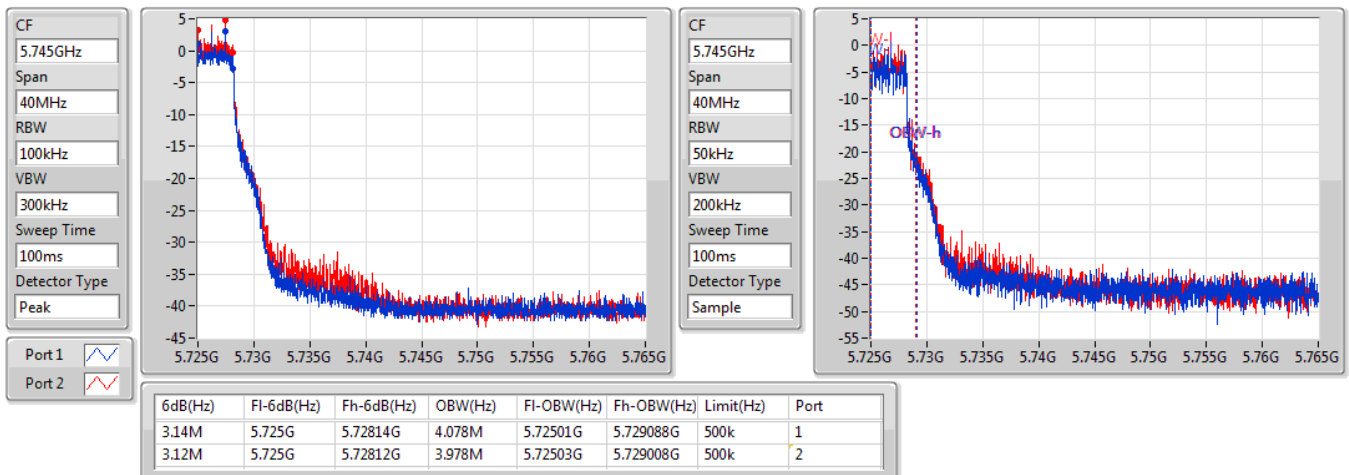


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/11/2019

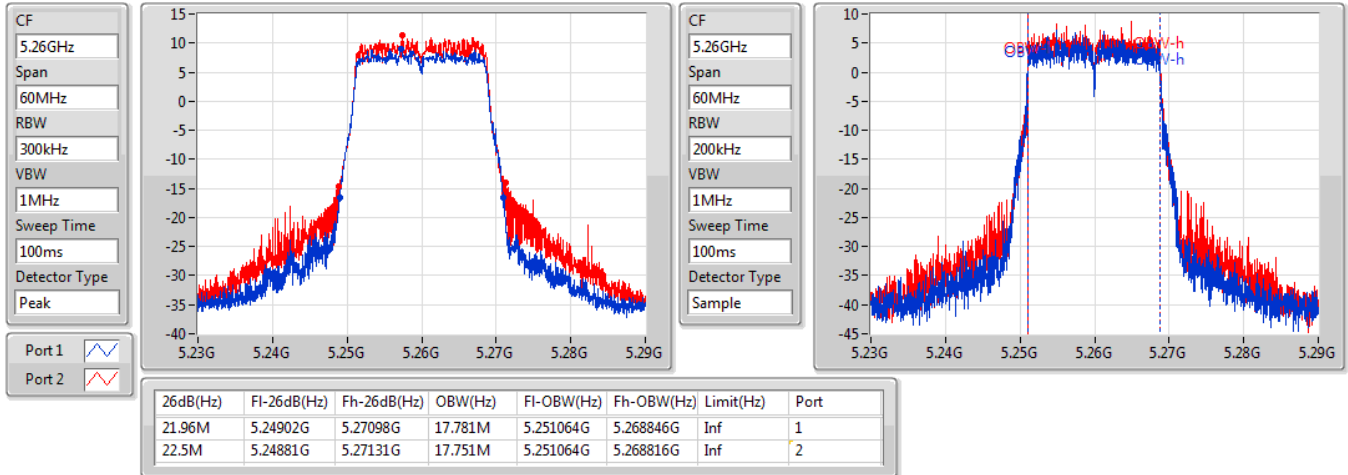

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/11/2019

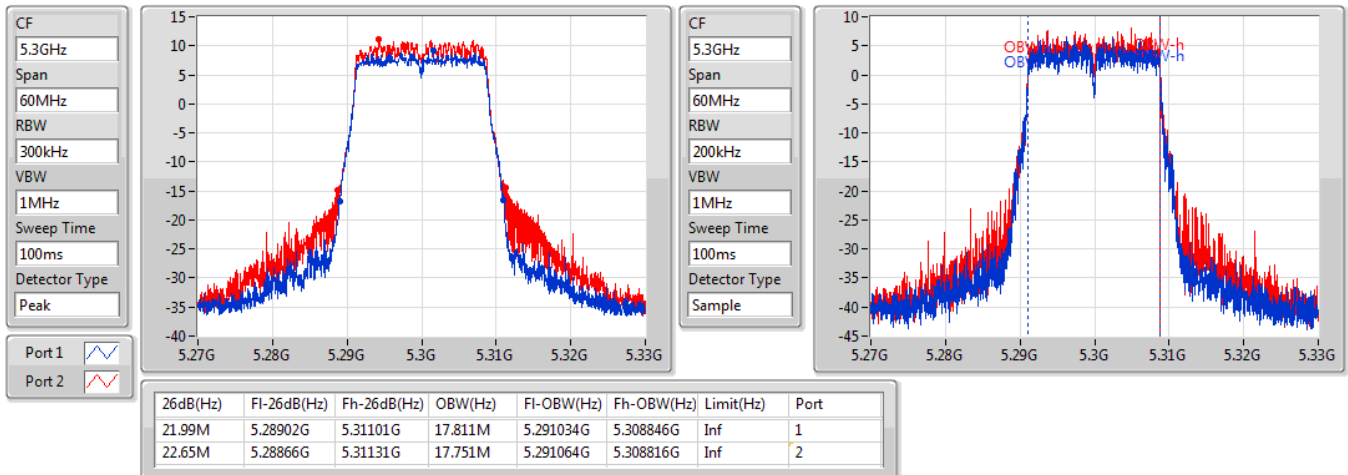


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

05/11/2019

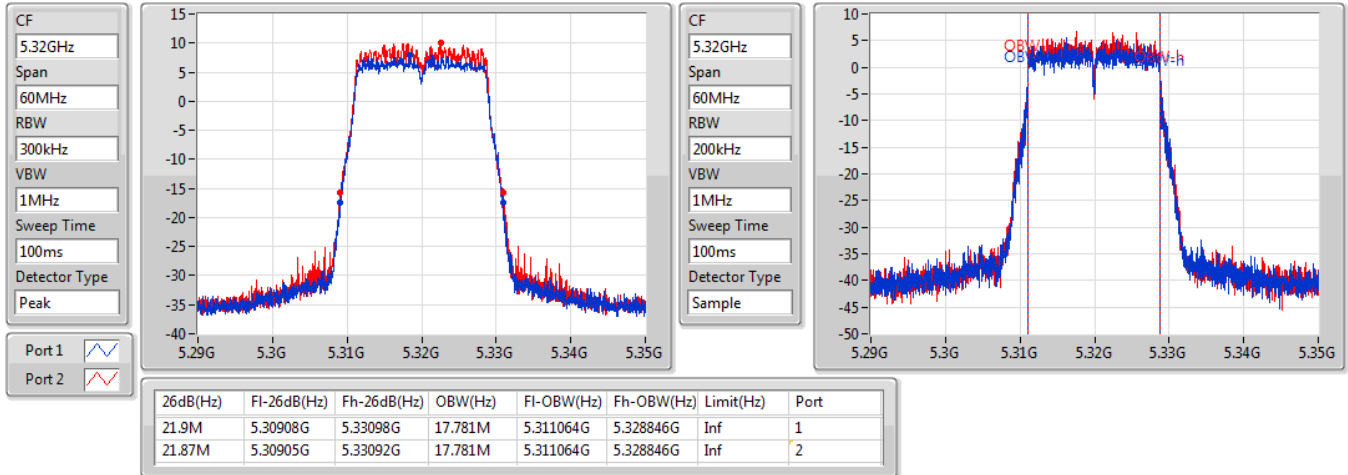

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

05/11/2019

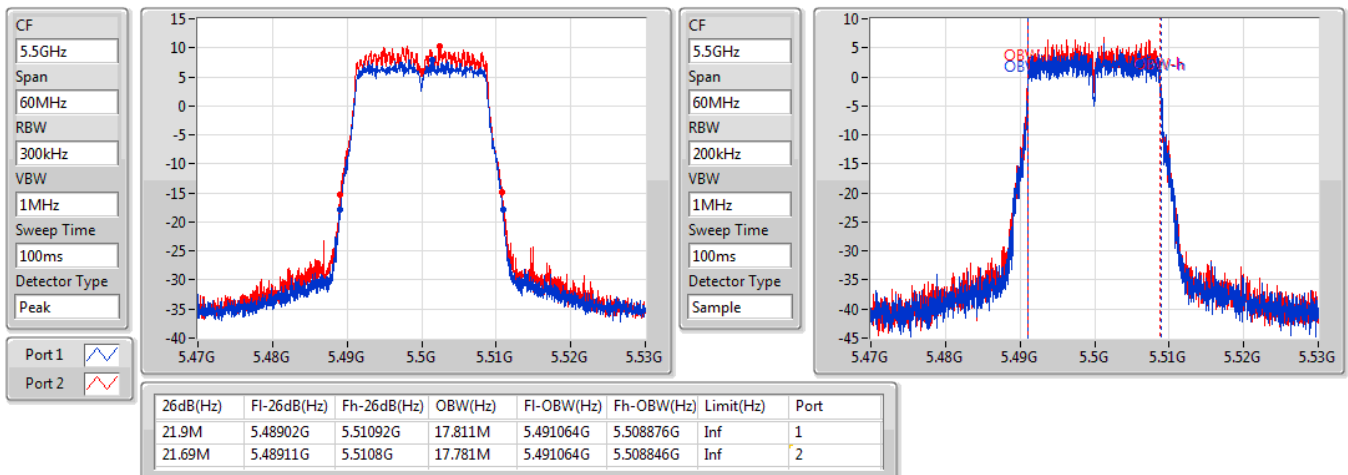


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

05/11/2019

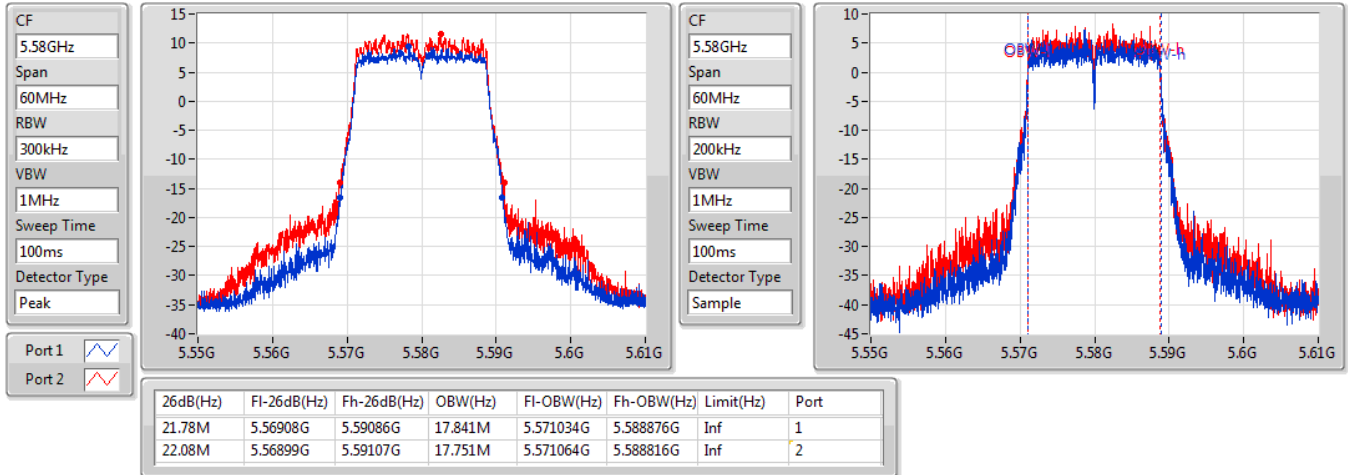

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

05/11/2019

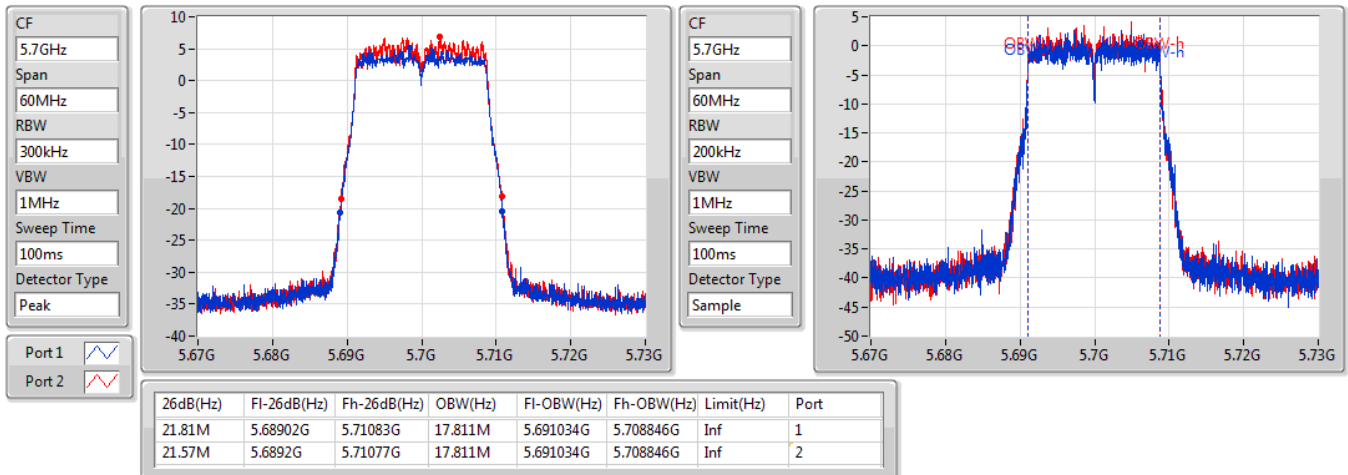


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

05/11/2019

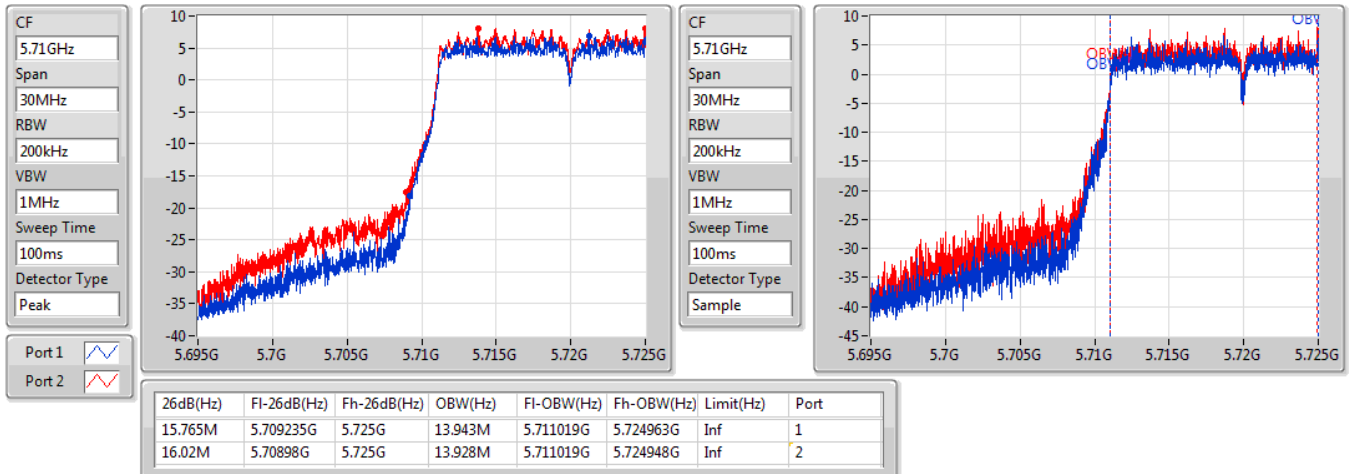

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

05/11/2019

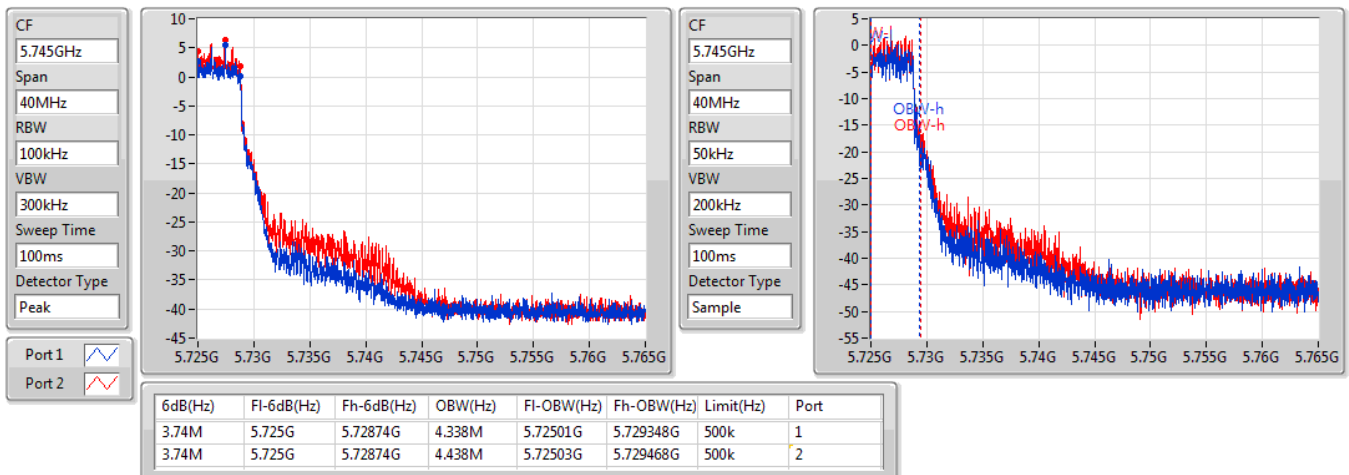


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

05/11/2019

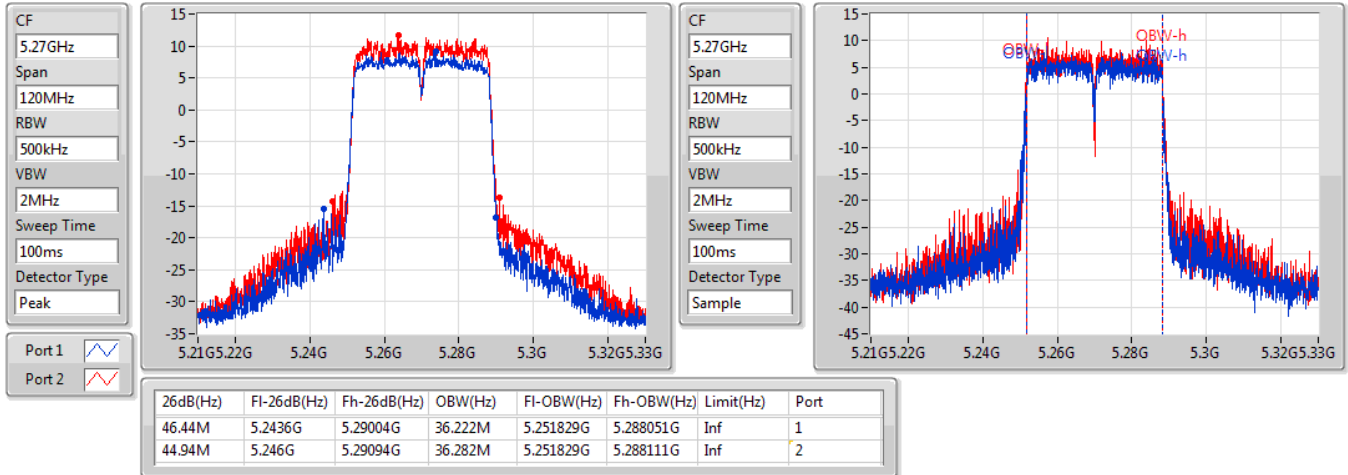

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

05/11/2019

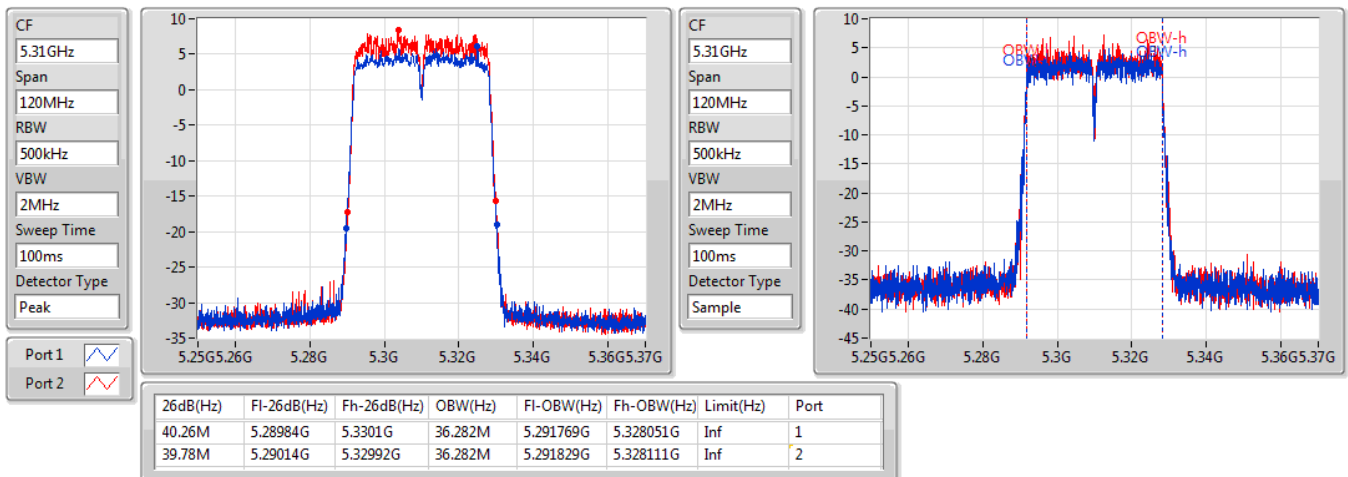


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

05/11/2019

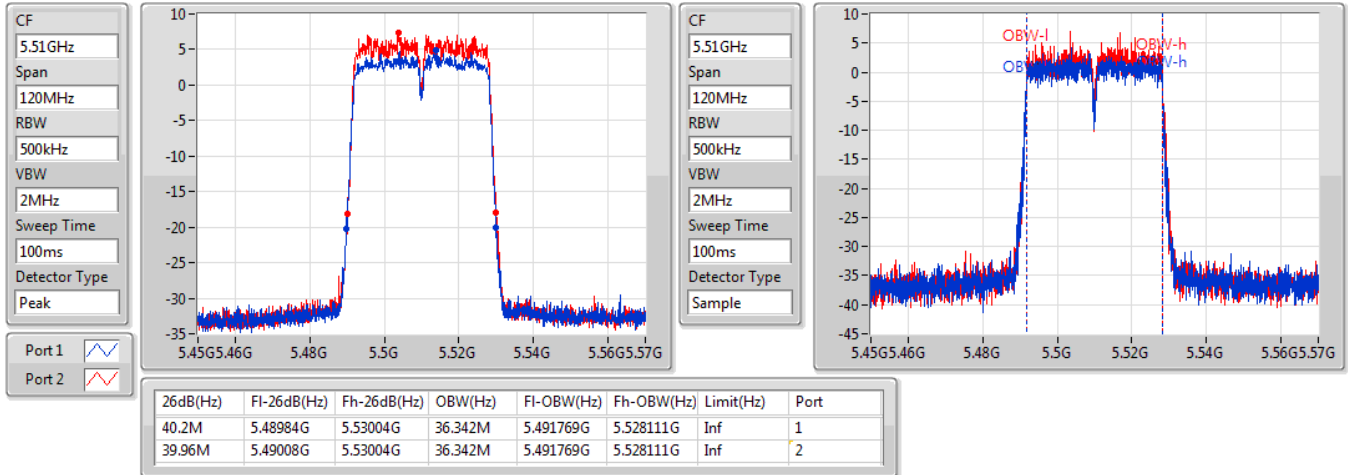

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

05/11/2019

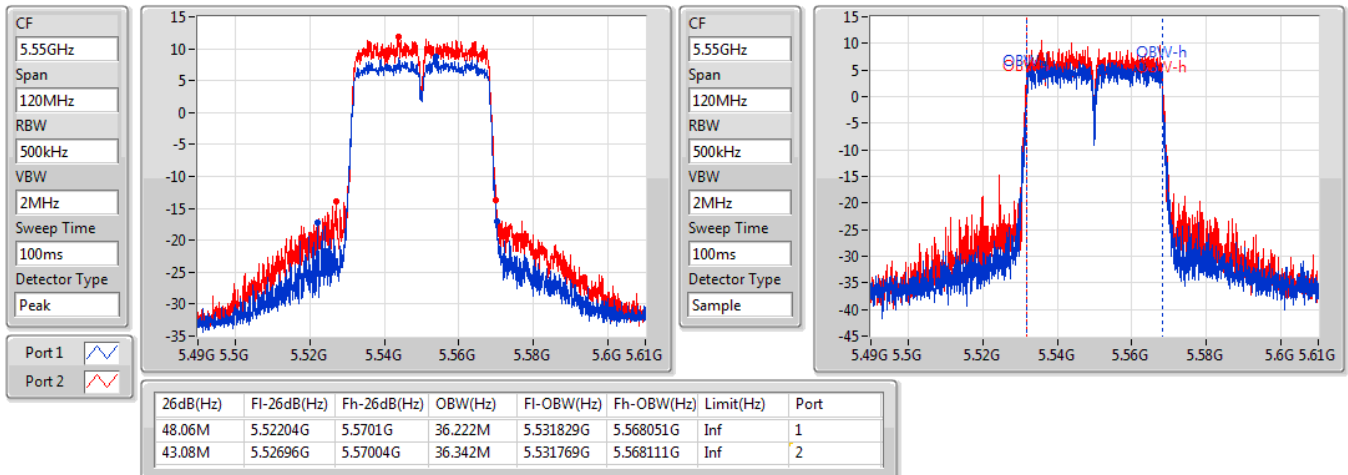


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

05/11/2019

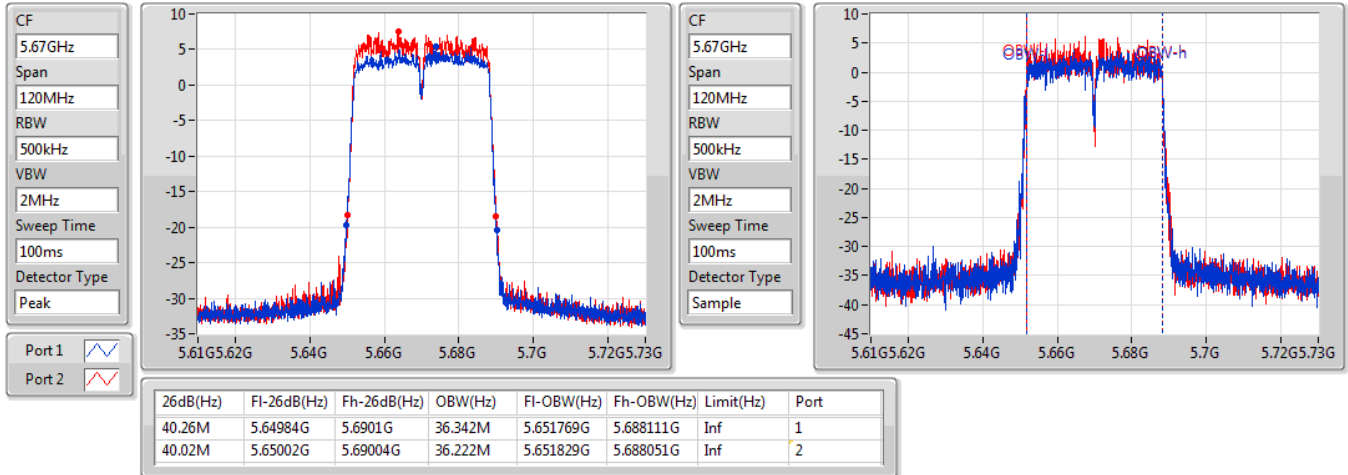

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

05/11/2019

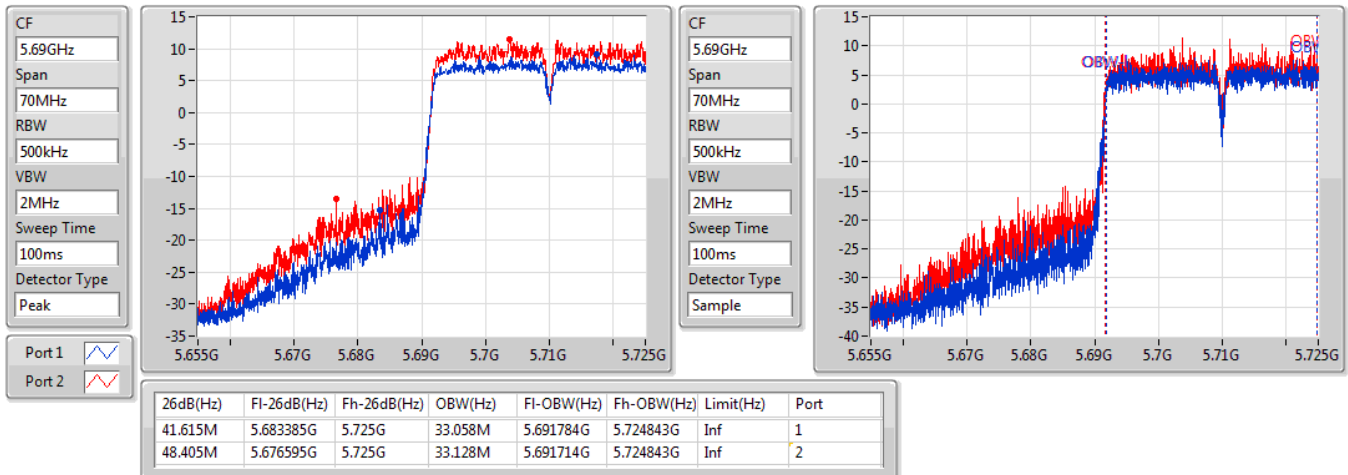


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

05/11/2019

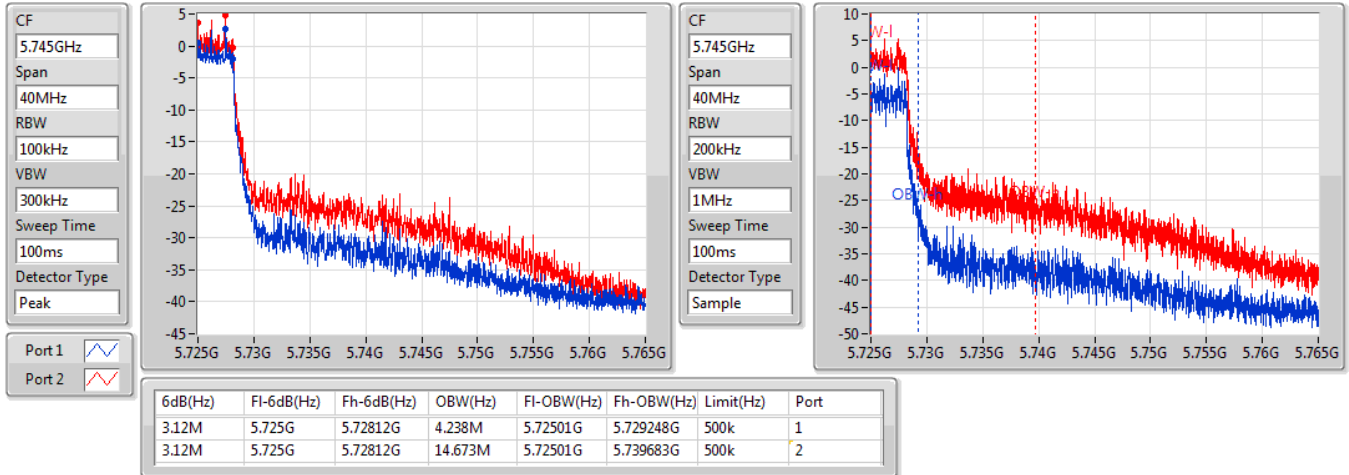

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

05/11/2019

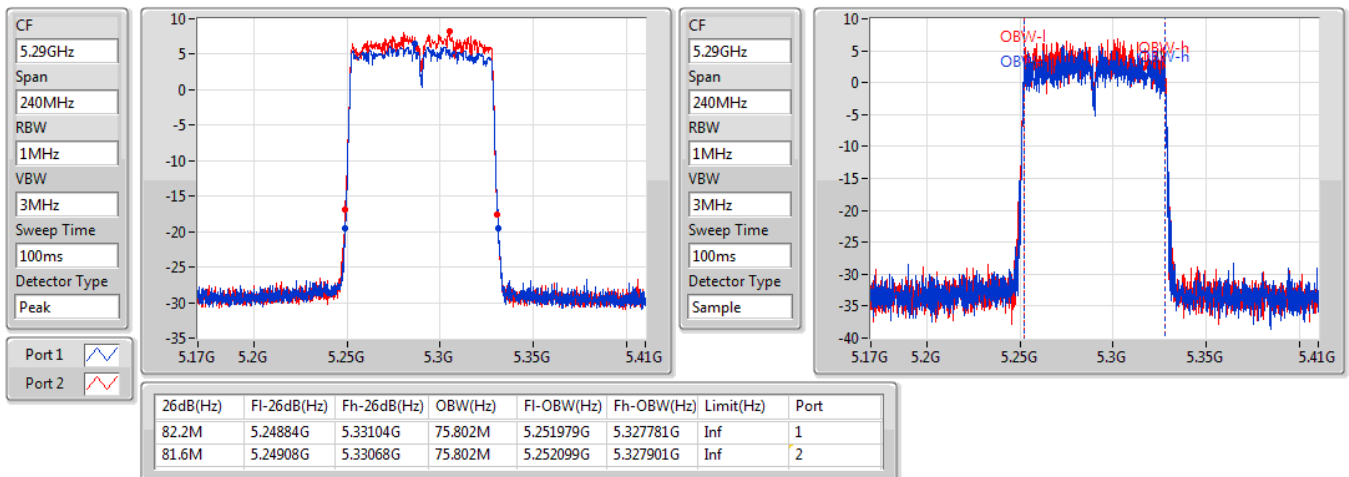


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

05/11/2019

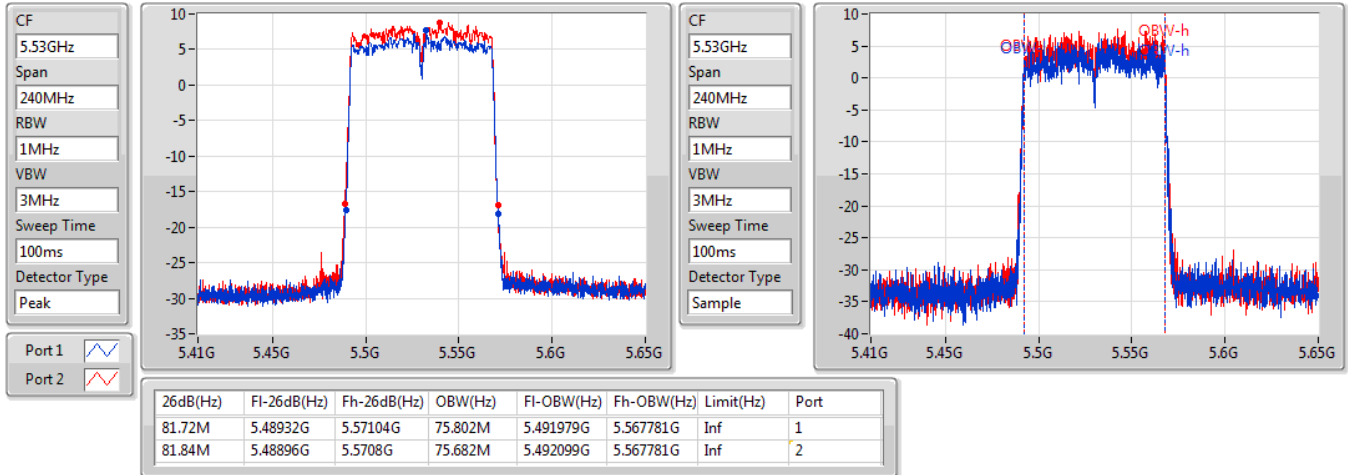

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

05/11/2019

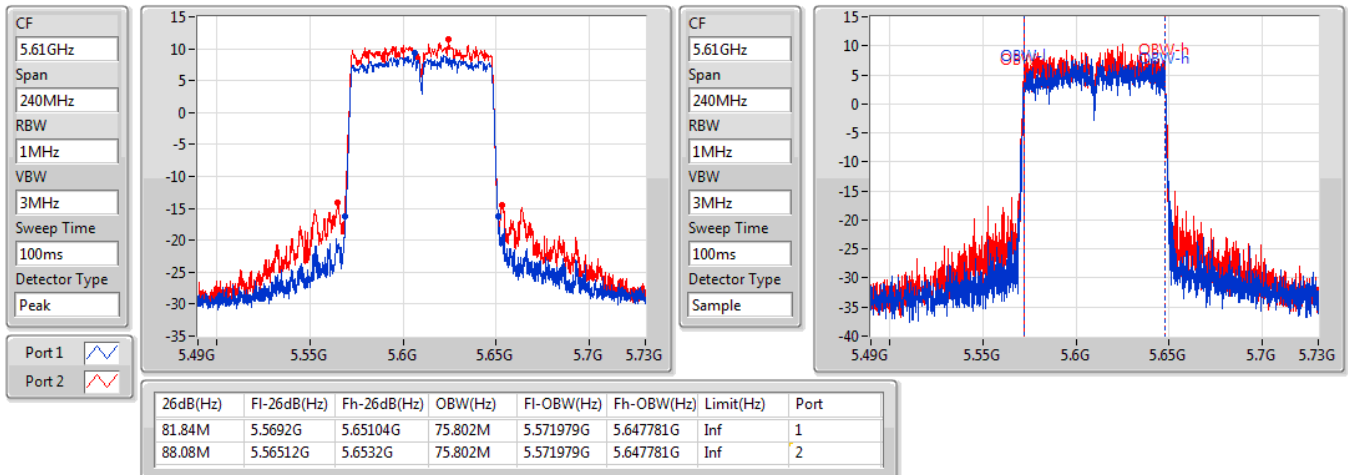


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

05/11/2019

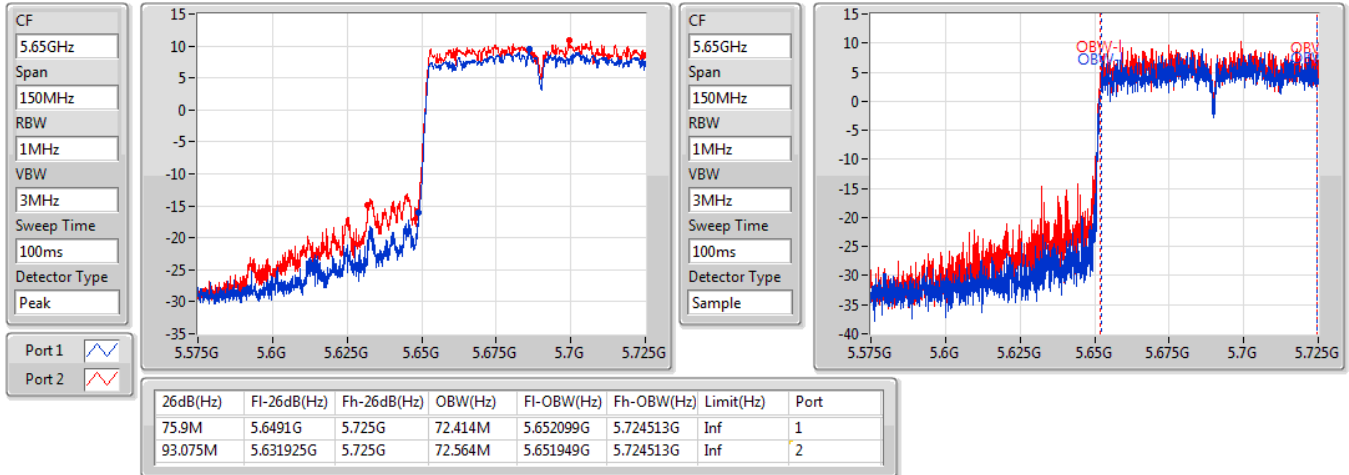

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

05/11/2019

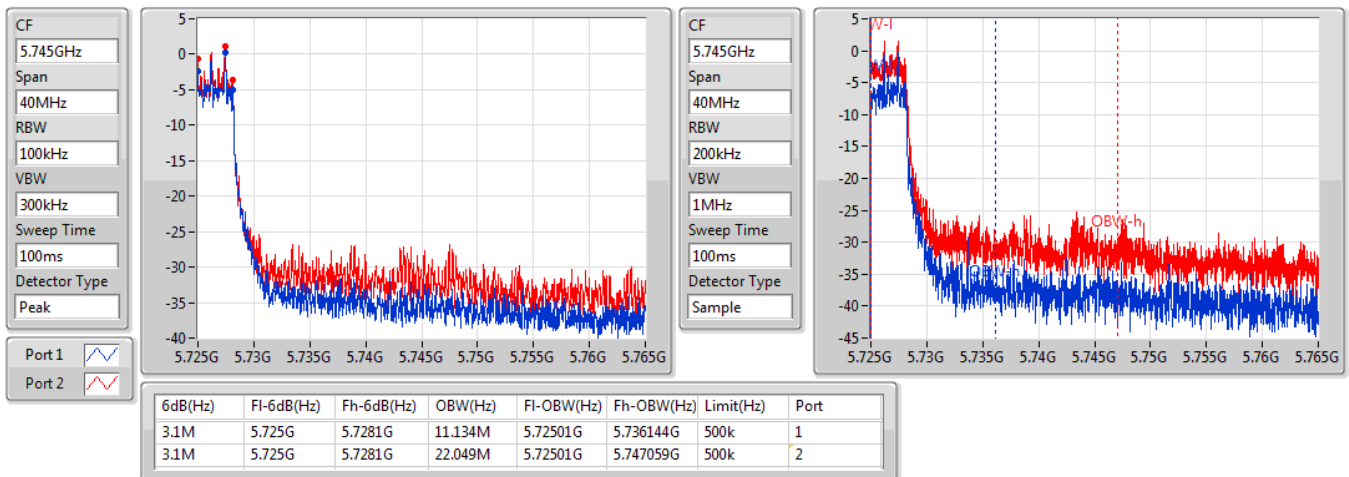


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

05/11/2019

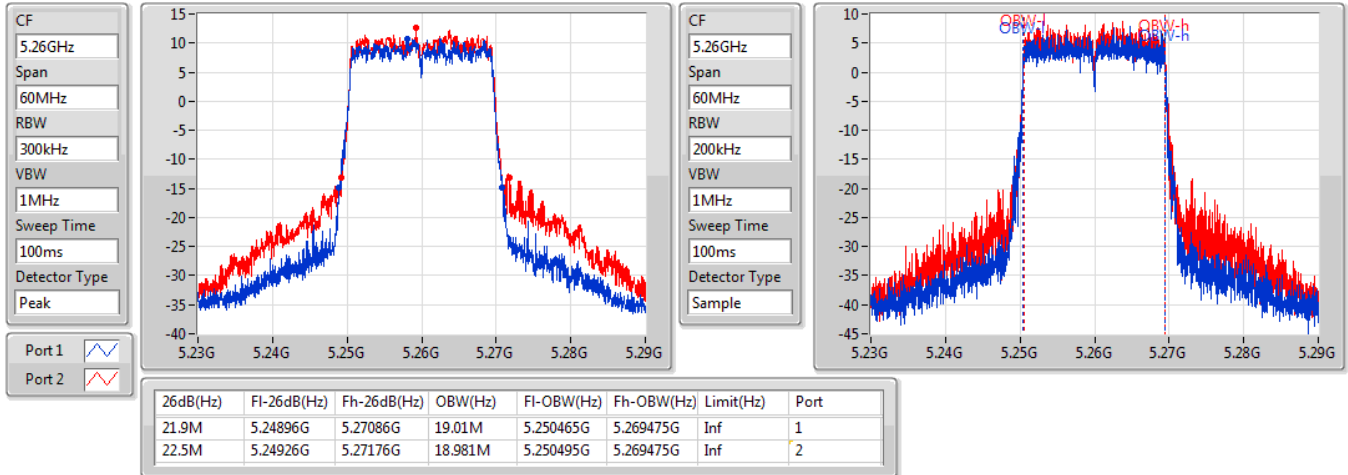

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

05/11/2019

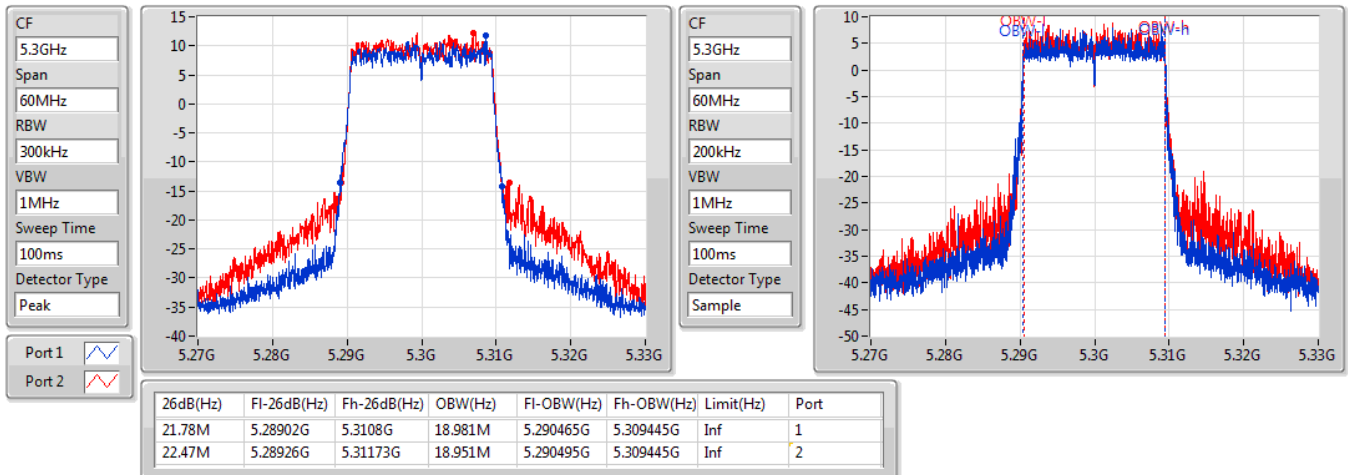


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

04/11/2019

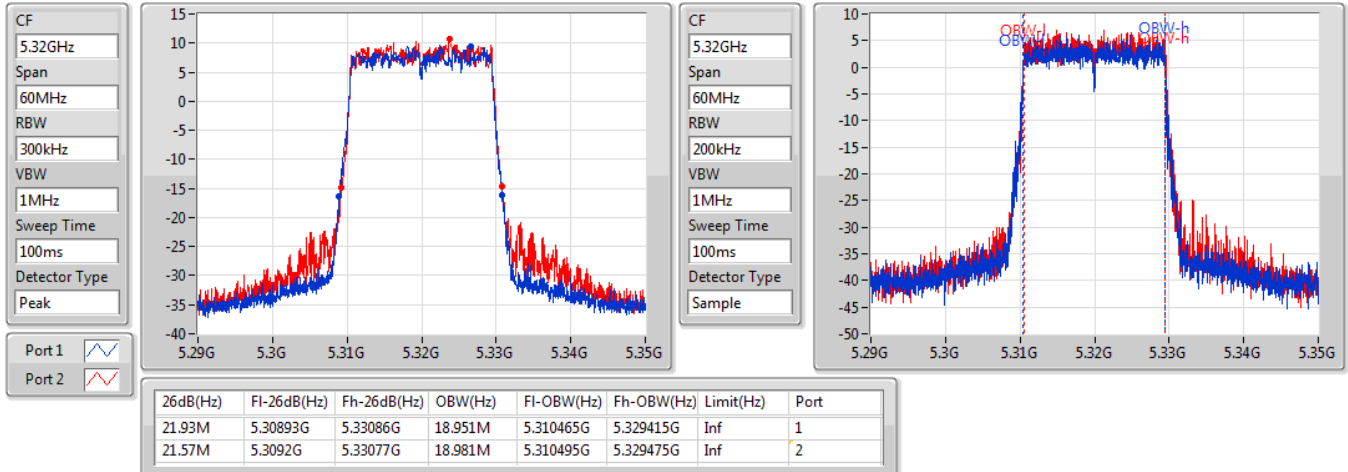

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

04/11/2019

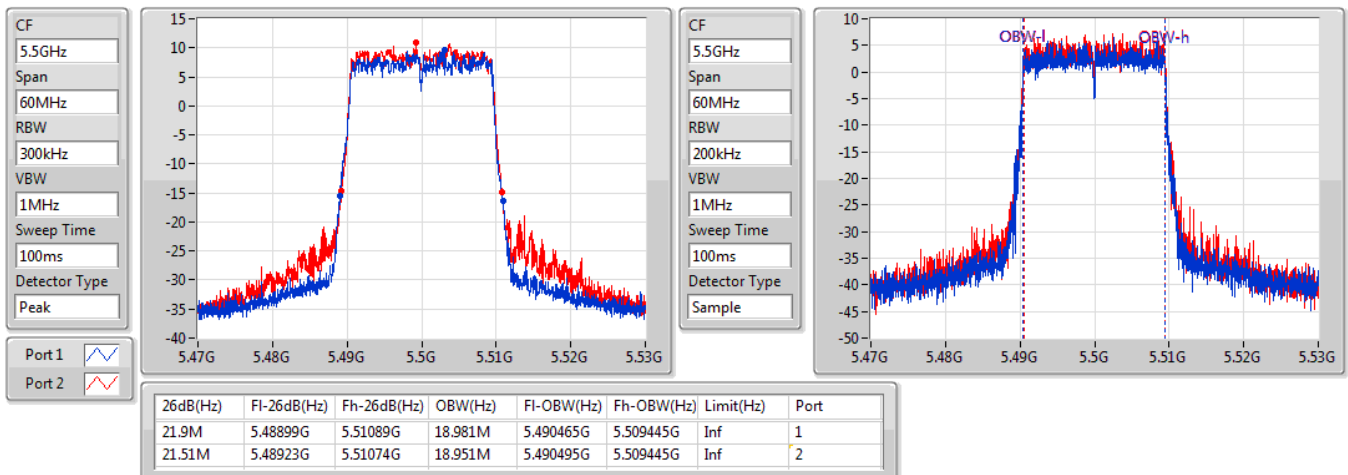


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

04/11/2019

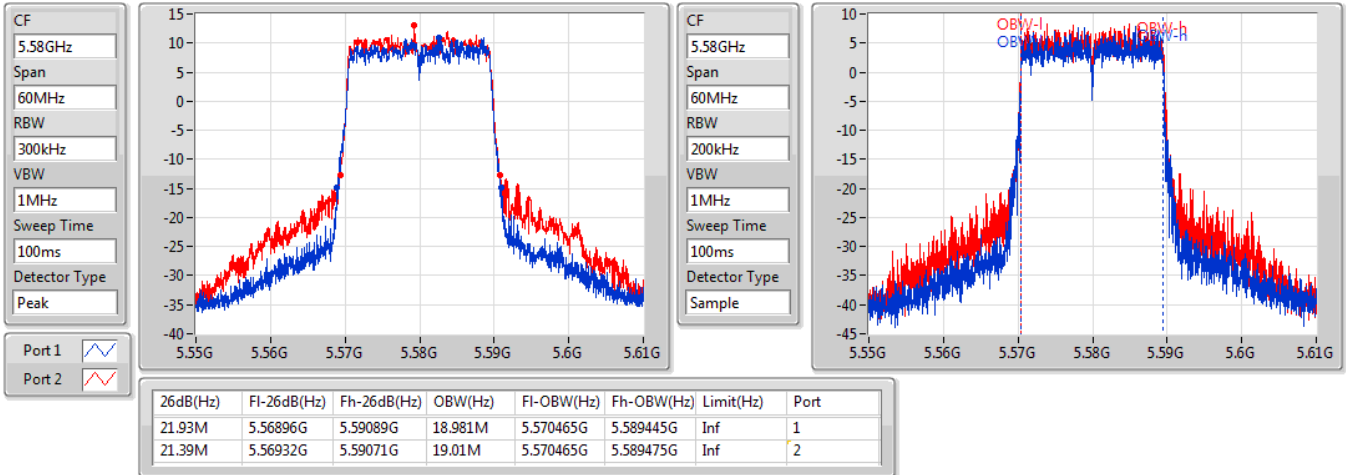

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

04/11/2019

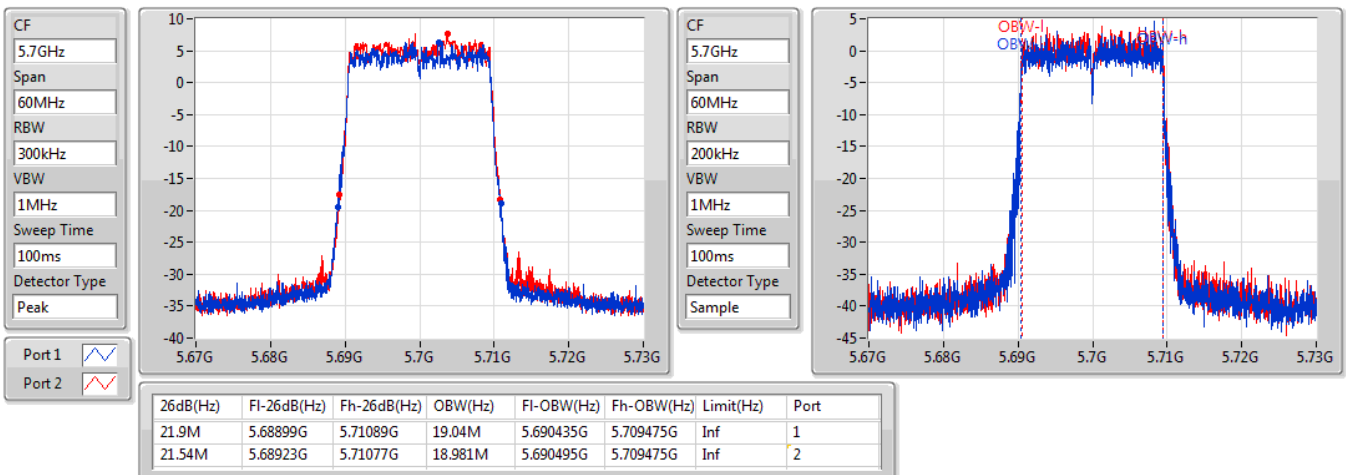


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

04/11/2019

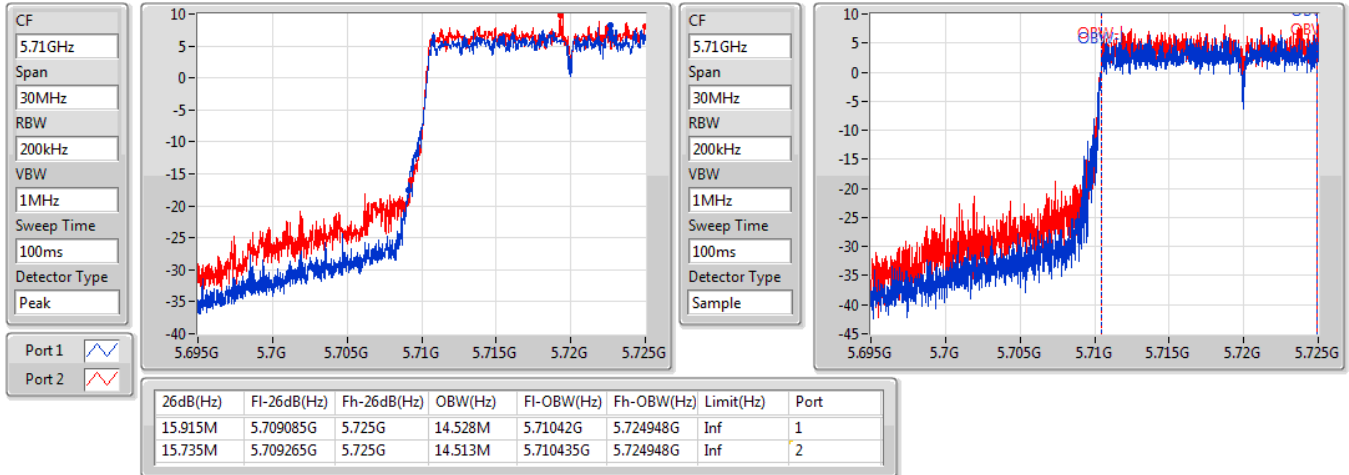

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

04/11/2019

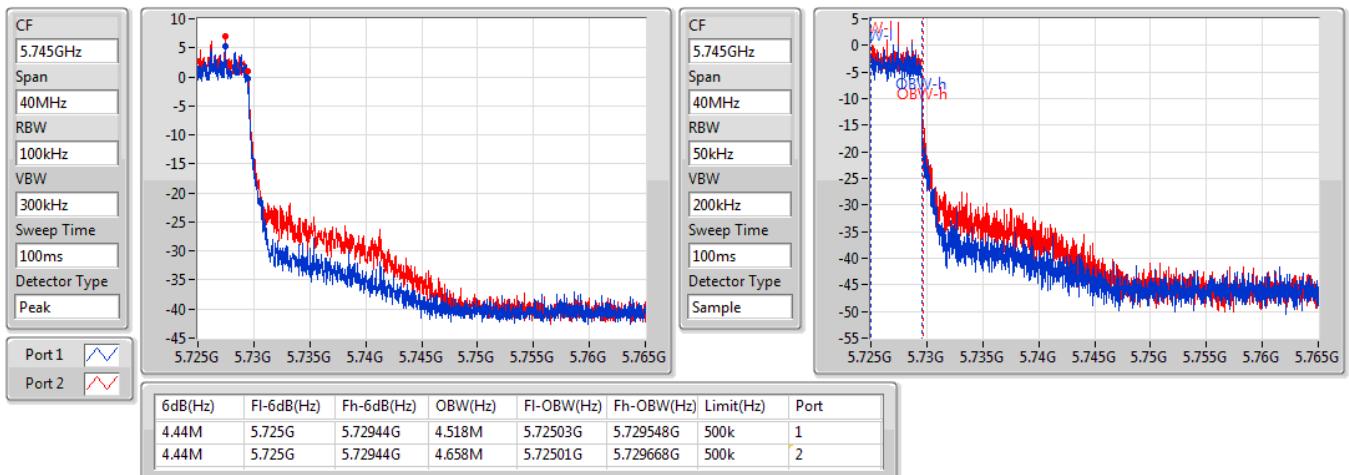


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/11/2019

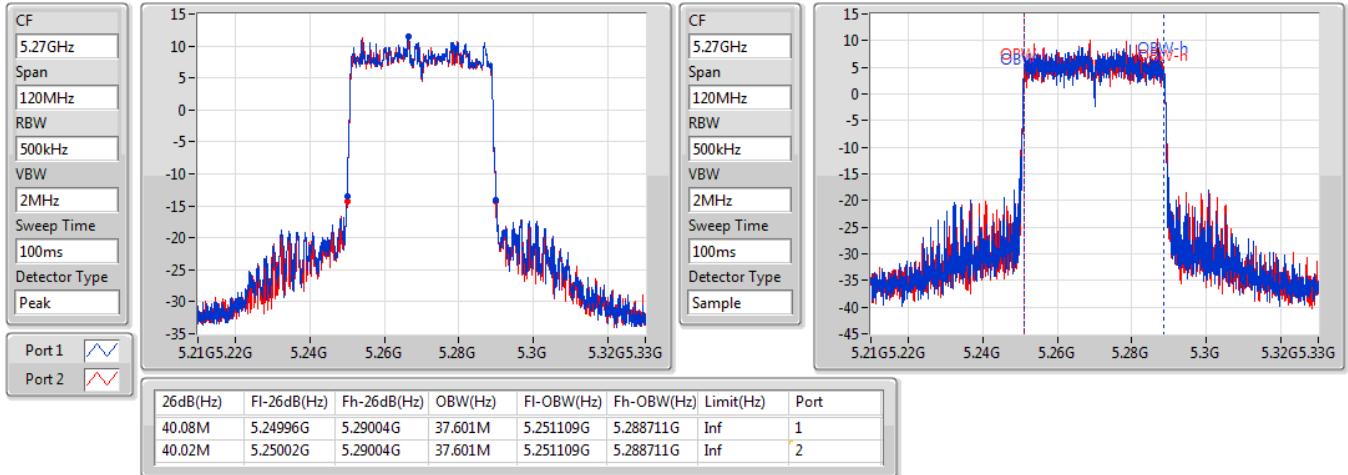

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/11/2019

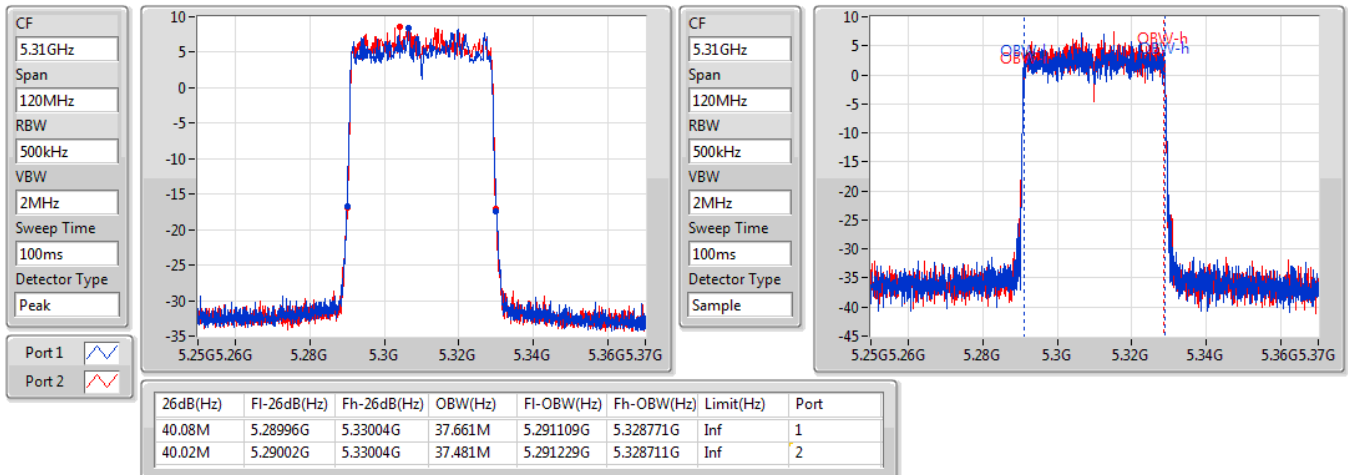


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

05/11/2019

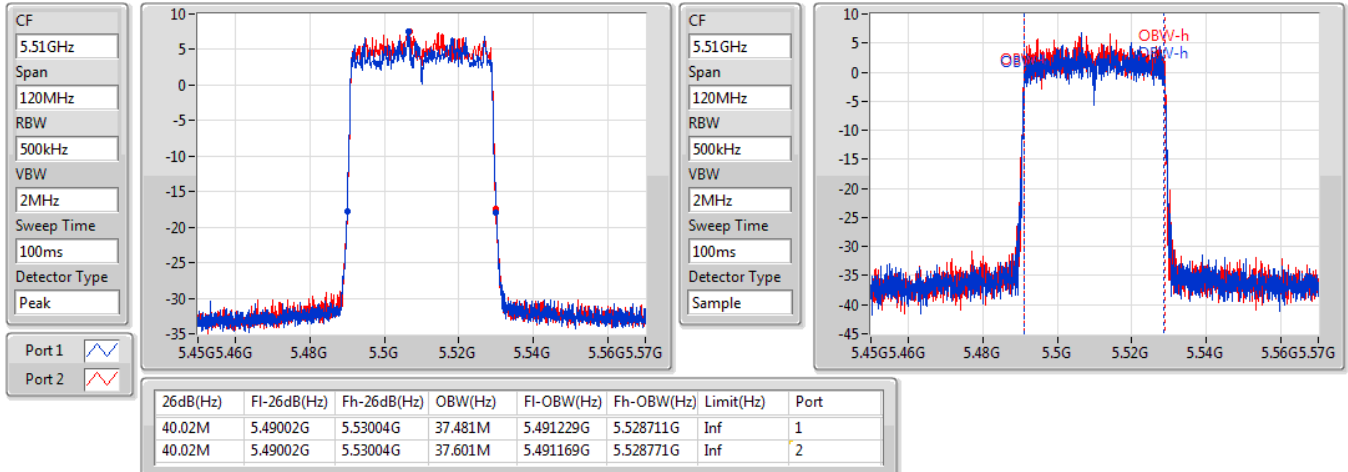

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

04/11/2019

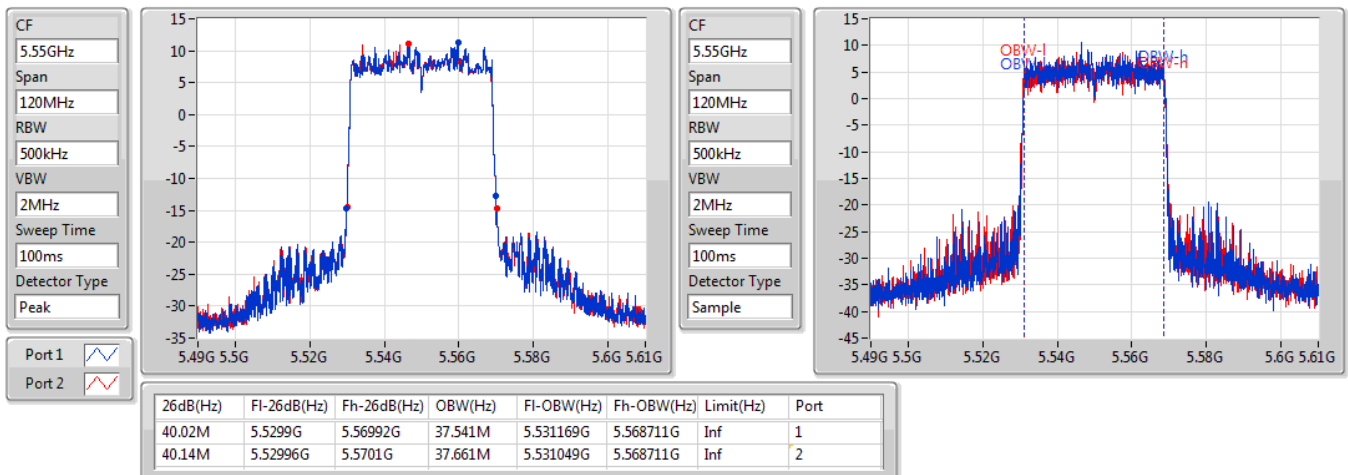


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

05/11/2019

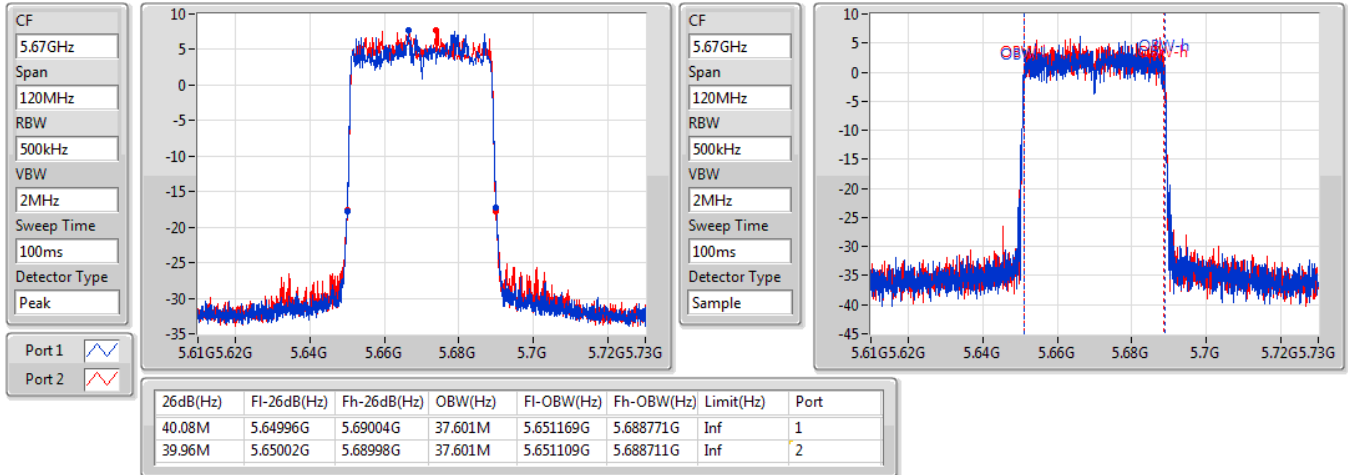

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

05/11/2019

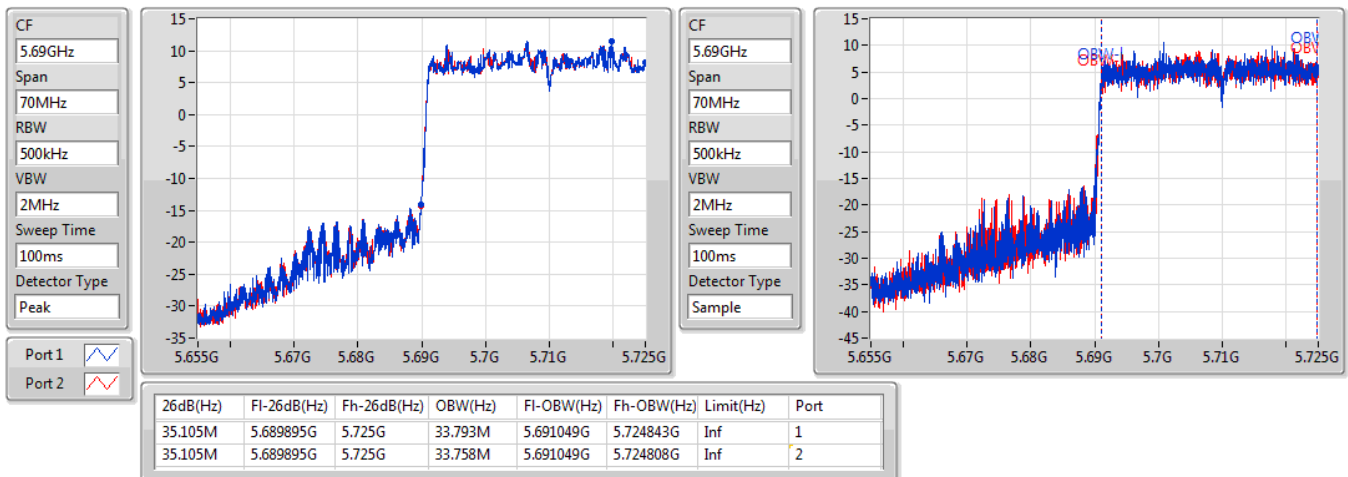


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

05/11/2019

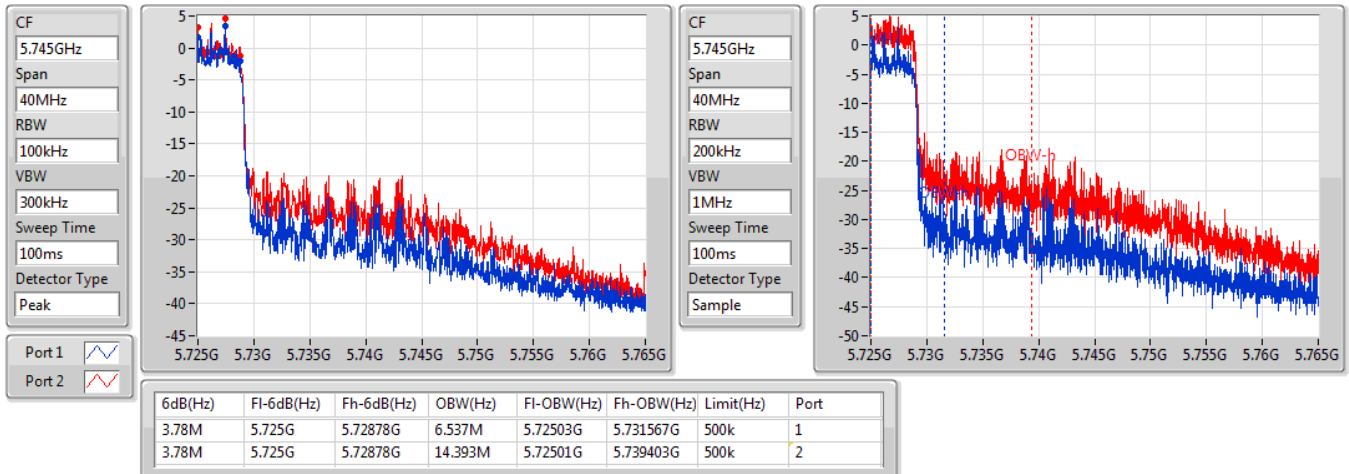

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

05/11/2019

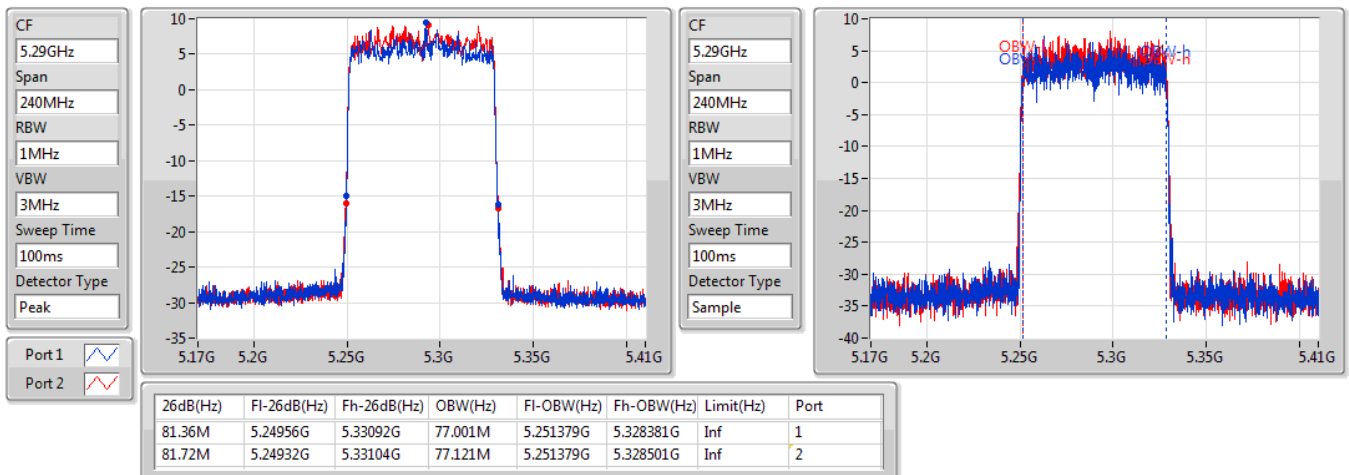


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

05/11/2019

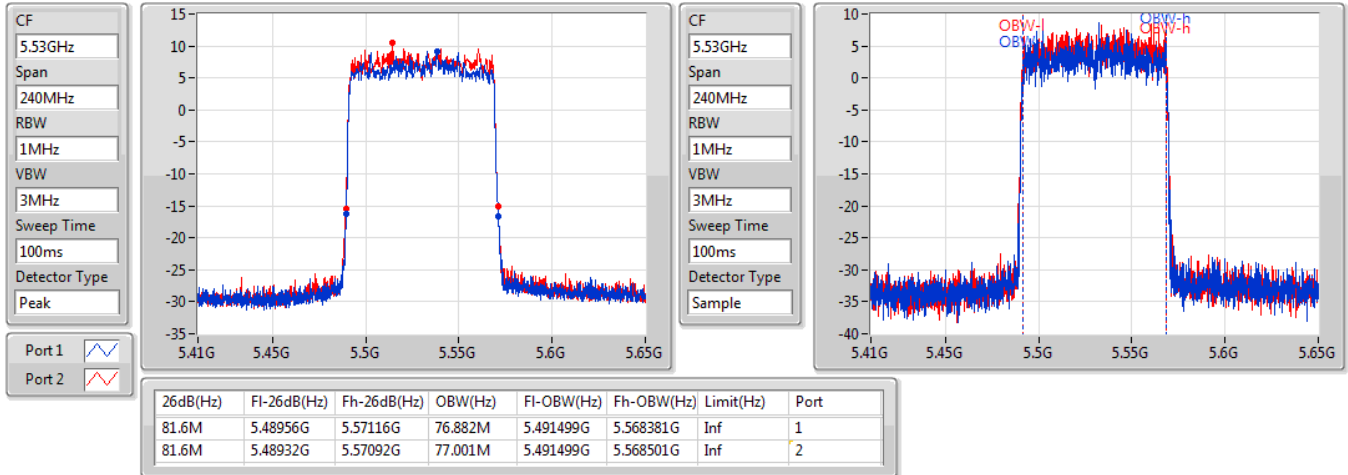

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

05/11/2019

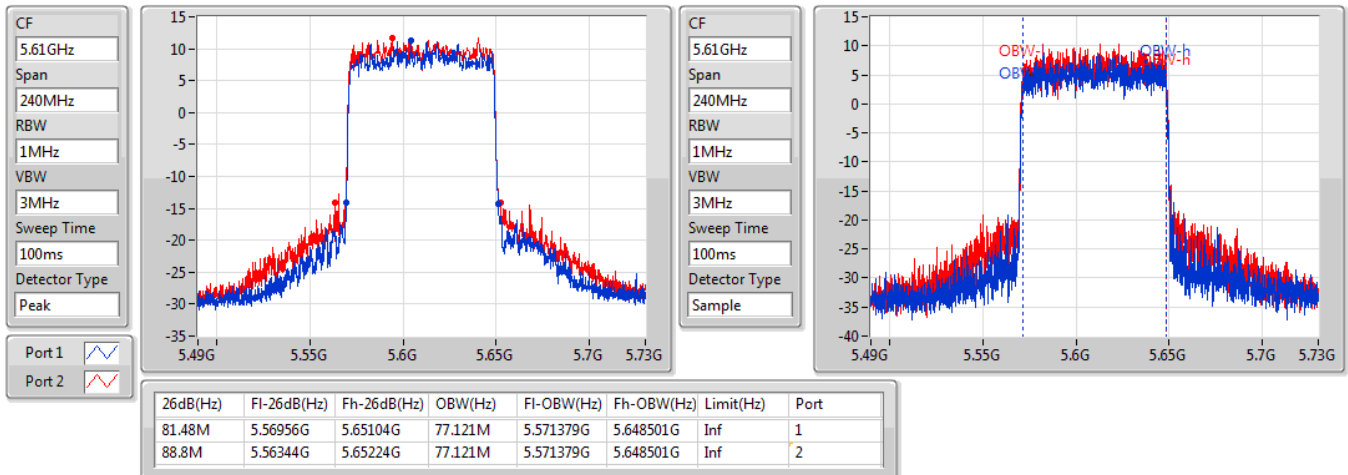


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

05/11/2019

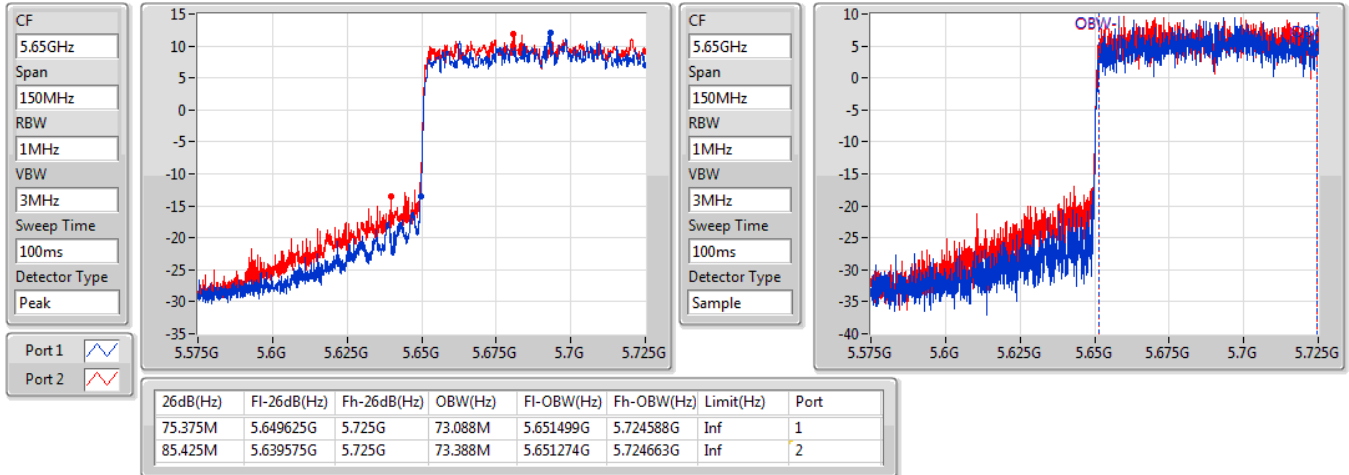

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

05/11/2019

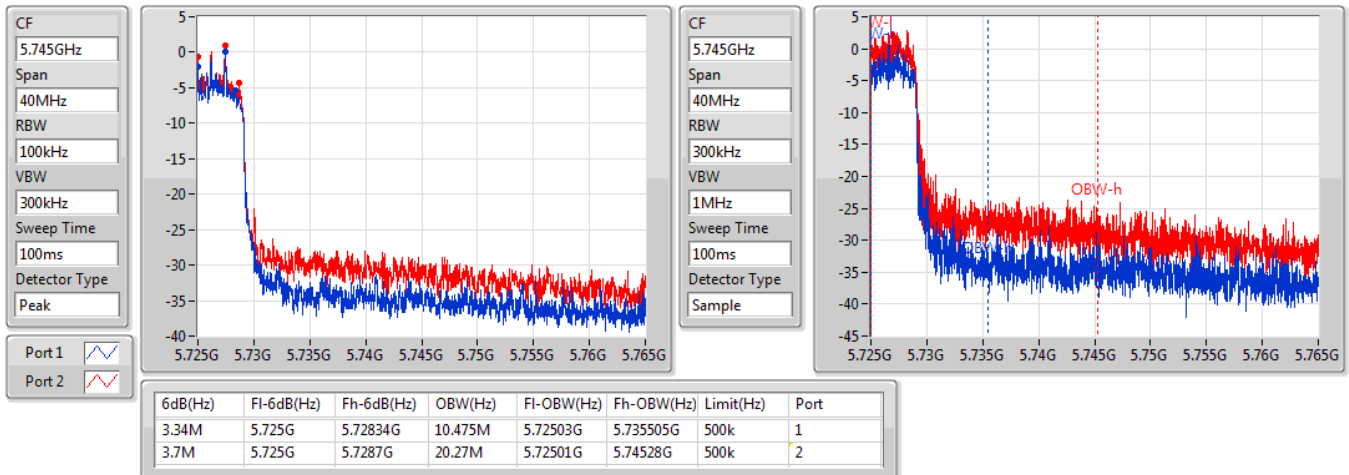


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

05/11/2019


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

05/11/2019



**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                      | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.81M           | 17.841M         | 17M8D1D  | 21.54M           | 17.751M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.38M           | 36.342M         | 36M3D1D  | 39.72M           | 36.222M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 82.56M           | 75.922M         | 75M9D1D  | 81.6M            | 75.802M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.81M           | 19.01M          | 19M0D1D  | 21.57M           | 18.951M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.32M           | 37.601M         | 37M6D1D  | 39.9M            | 37.481M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.08M           | 77.361M         | 77M4D1D  | 81.84M           | 77.241M         |
| 5.47-5.725GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.87M           | 17.841M         | 17M8D1D  | 15.735M          | 13.913M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.38M           | 36.342M         | 36M3D1D  | 34.965M          | 32.989M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 82.44M           | 75.802M         | 75M8D1D  | 75.975M          | 72.489M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.75M           | 19.01M          | 19M0D1D  | 15.69M           | 14.483M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.32M           | 37.661M         | 37M7D1D  | 34.93M           | 33.653M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.56M           | 77.361M         | 77M4D1D  | 75.675M          | 73.313M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 3.76M            | 4.338M          | 4M34D1D  | 3.76M            | 4.318M          |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 3.14M            | 3.798M          | 3M80D1D  | 3.12M            | 3.738M          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 3.12M            | 5.917M          | 5M92D1D  | 3.12M            | 5.797M          |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 4.48M            | 4.538M          | 4M54D1D  | 4.46M            | 4.538M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 3.82M            | 4.058M          | 4M06D1D  | 3.76M            | 4.058M          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.82M            | 5.377M          | 5M38D1D  | 3.8M             | 4.998M          |

**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) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 21.75M              | 17.781M            | 21.69M              | 17.751M            |
| 5300MHz                           | Pass   | Inf           | 21.81M              | 17.781M            | 21.54M              | 17.781M            |
| 5320MHz                           | Pass   | Inf           | 21.78M              | 17.841M            | 21.57M              | 17.751M            |
| 5500MHz                           | Pass   | Inf           | 21.72M              | 17.751M            | 21.69M              | 17.781M            |
| 5580MHz                           | Pass   | Inf           | 21.87M              | 17.751M            | 21.69M              | 17.811M            |
| 5700MHz                           | Pass   | Inf           | 21.84M              | 17.841M            | 21.57M              | 17.781M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 15.735M             | 13.913M            | 15.795M             | 13.913M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.76M               | 4.338M             | 3.76M               | 4.318M             |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.38M              | 36.222M            | 39.78M              | 36.222M            |
| 5310MHz                           | Pass   | Inf           | 40.32M              | 36.342M            | 39.72M              | 36.282M            |
| 5510MHz                           | Pass   | Inf           | 40.38M              | 36.222M            | 39.9M               | 36.282M            |
| 5550MHz                           | Pass   | Inf           | 40.32M              | 36.222M            | 39.96M              | 36.282M            |
| 5670MHz                           | Pass   | Inf           | 40.32M              | 36.342M            | 39.96M              | 36.282M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 35.21M              | 32.989M            | 34.965M             | 32.989M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.12M               | 3.738M             | 3.14M               | 3.798M             |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 82.56M              | 75.802M            | 81.6M               | 75.922M            |
| 5530MHz                           | Pass   | Inf           | 82.44M              | 75.802M            | 81.6M               | 75.802M            |
| 5610MHz                           | Pass   | Inf           | 82.32M              | 75.682M            | 81.48M              | 75.682M            |
| 5690MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 76.2M               | 72.489M            | 75.975M             | 72.564M            |
| 5690MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.12M               | 5.917M             | 3.12M               | 5.797M             |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 21.69M              | 19.01M             | 21.57M              | 18.951M            |
| 5300MHz                           | Pass   | Inf           | 21.69M              | 19.01M             | 21.63M              | 18.951M            |
| 5320MHz                           | Pass   | Inf           | 21.81M              | 18.981M            | 21.57M              | 19.01M             |
| 5500MHz                           | Pass   | Inf           | 21.48M              | 19.01M             | 21.75M              | 18.951M            |
| 5580MHz                           | Pass   | Inf           | 21.69M              | 19.01M             | 21.72M              | 19.01M             |
| 5700MHz                           | Pass   | Inf           | 21.66M              | 19.01M             | 21.6M               | 18.981M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 15.795M             | 14.483M            | 15.69M              | 14.483M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 4.48M               | 4.538M             | 4.46M               | 4.538M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.32M              | 37.541M            | 39.96M              | 37.601M            |
| 5310MHz                           | Pass   | Inf           | 40.26M              | 37.601M            | 39.9M               | 37.481M            |
| 5510MHz                           | Pass   | Inf           | 40.32M              | 37.541M            | 39.9M               | 37.541M            |
| 5550MHz                           | Pass   | Inf           | 40.26M              | 37.601M            | 39.84M              | 37.661M            |
| 5670MHz                           | Pass   | Inf           | 40.26M              | 37.541M            | 39.9M               | 37.541M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 35.14M              | 33.653M            | 34.93M              | 33.653M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.76M               | 4.058M             | 3.82M               | 4.058M             |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 82.08M              | 77.361M            | 81.84M              | 77.241M            |
| 5530MHz                           | Pass   | Inf           | 82.44M              | 76.762M            | 81.84M              | 77.361M            |
| 5610MHz                           | Pass   | Inf           | 82.56M              | 77.361M            | 81.72M              | 77.121M            |



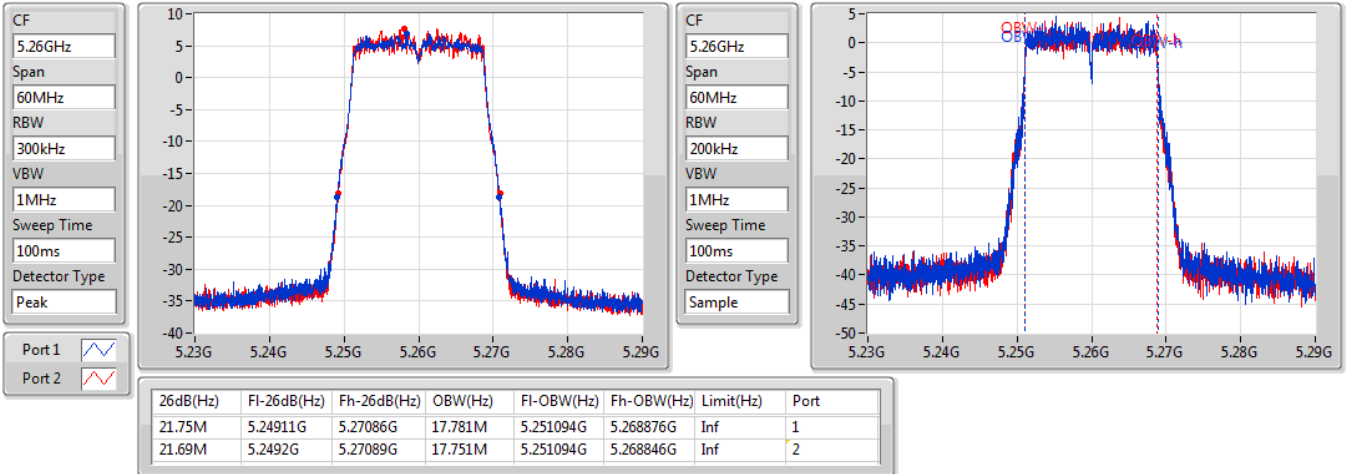
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.9M               | 73.313M            | 75.675M             | 73.388M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.82M               | 4.998M             | 3.8M                | 5.377M             |

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

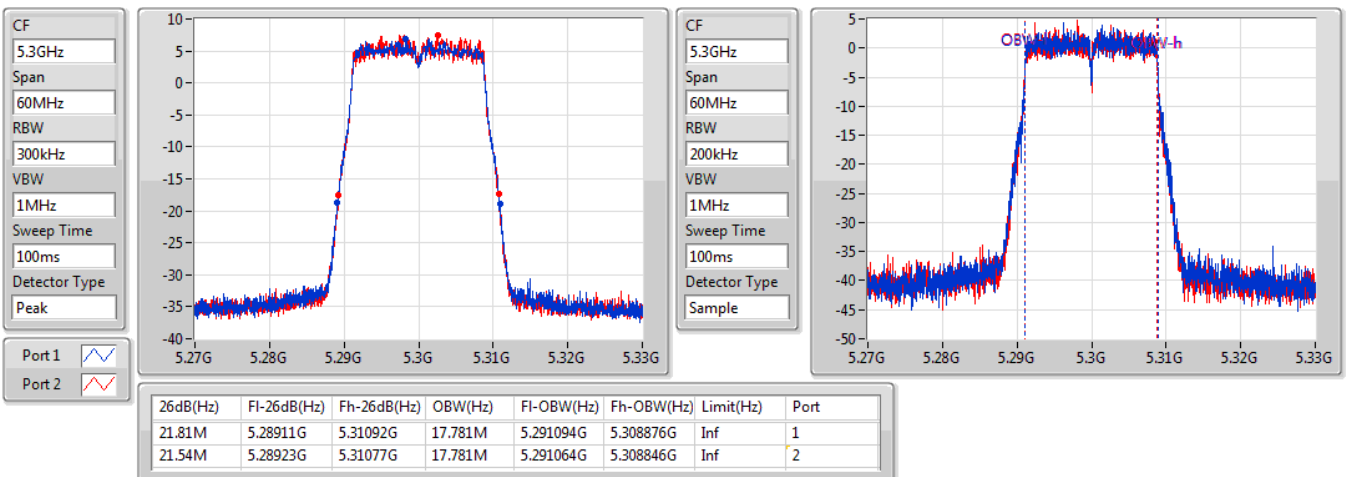
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

06/11/2019

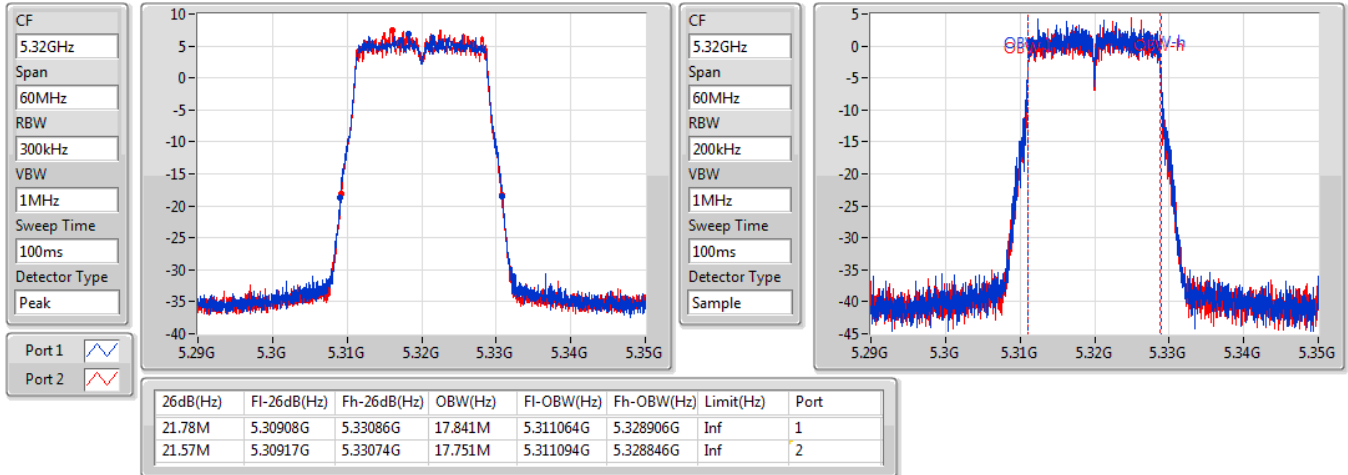

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

06/11/2019

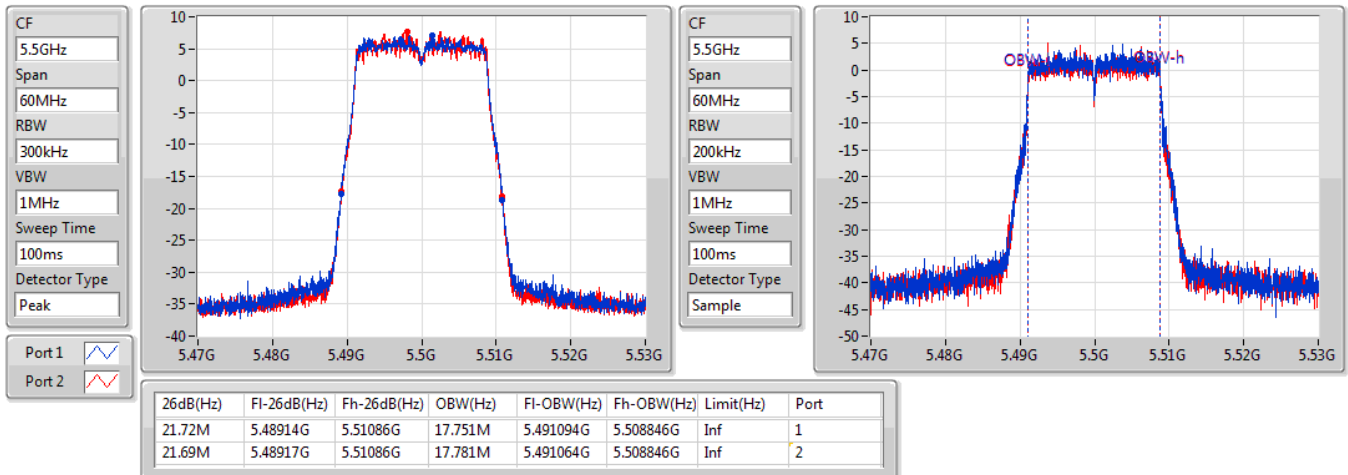


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

06/11/2019

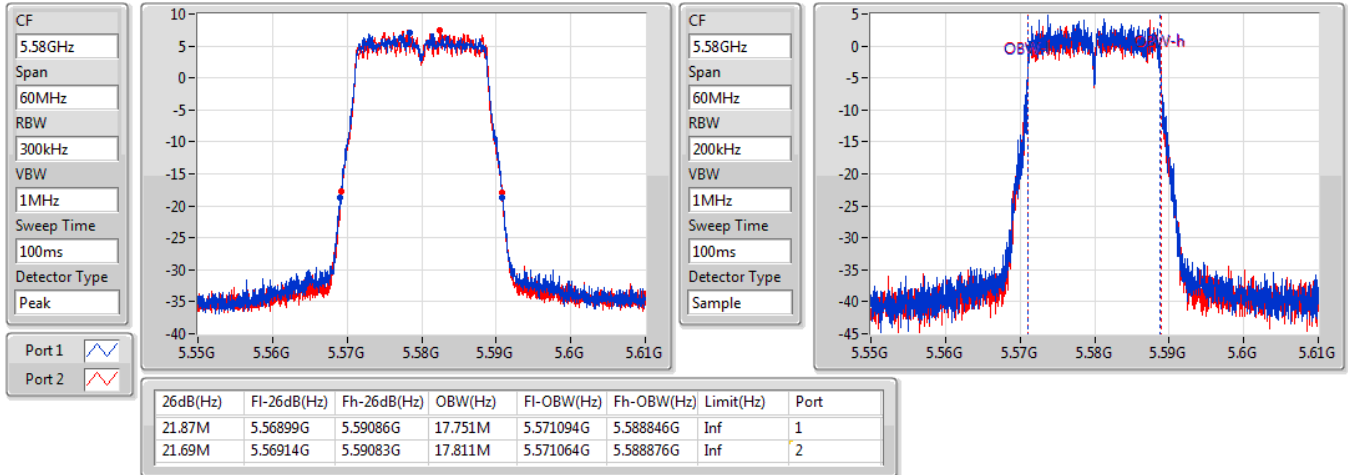

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

06/11/2019

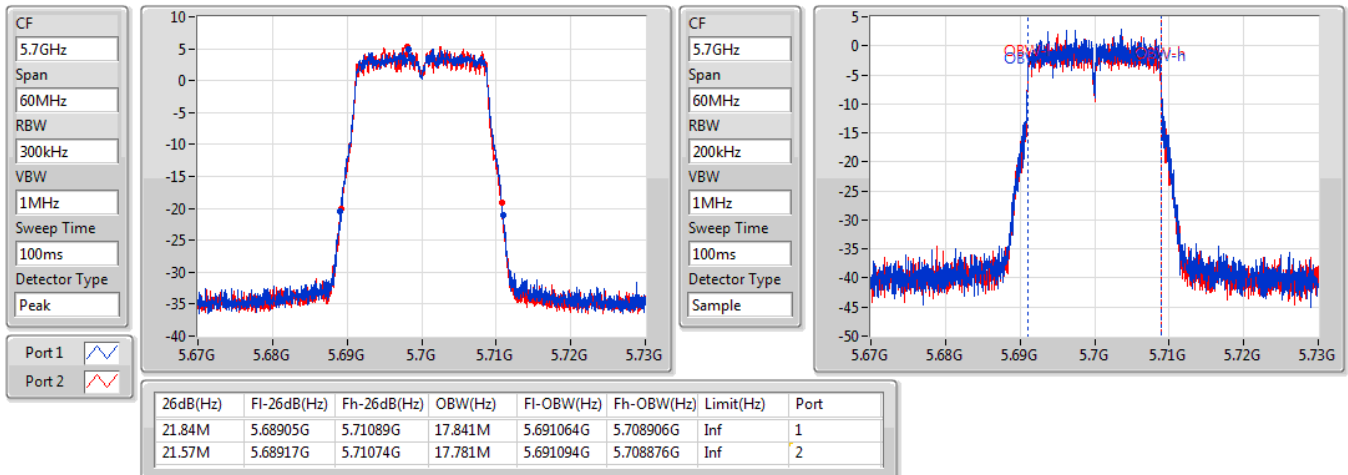


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

06/11/2019

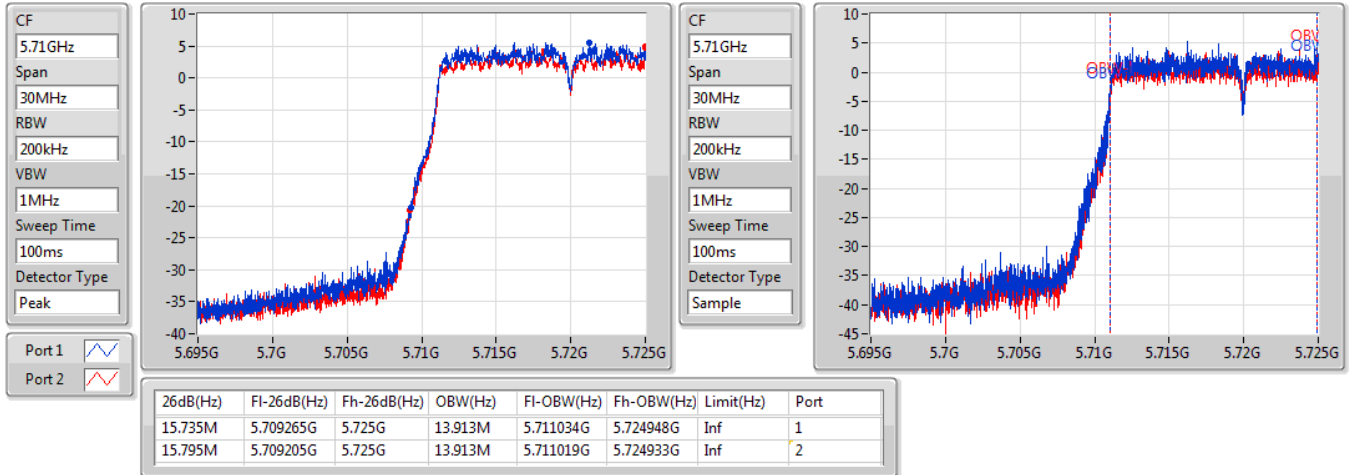

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

06/11/2019

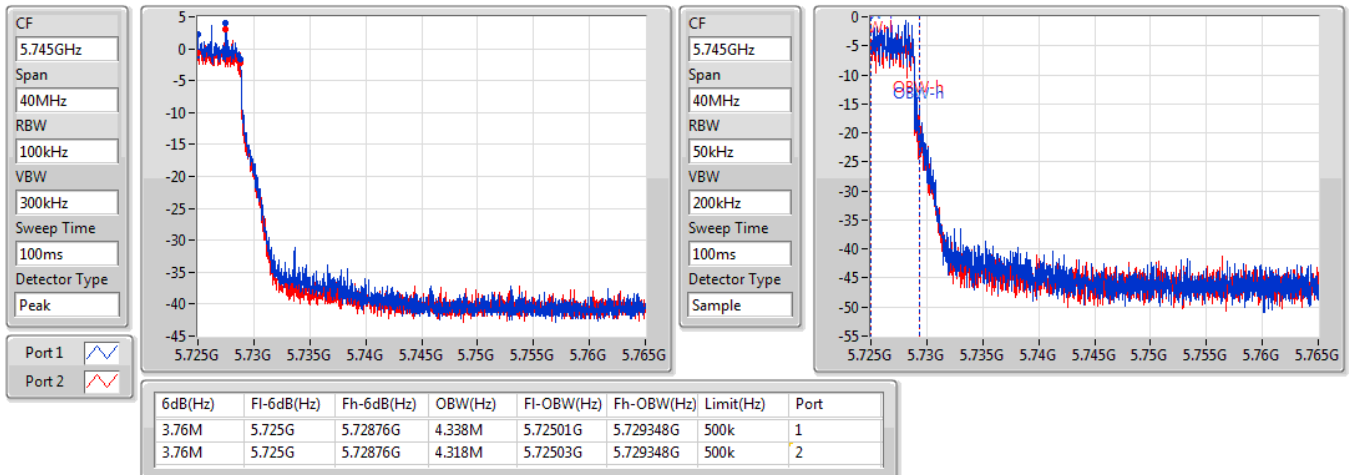


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

06/11/2019

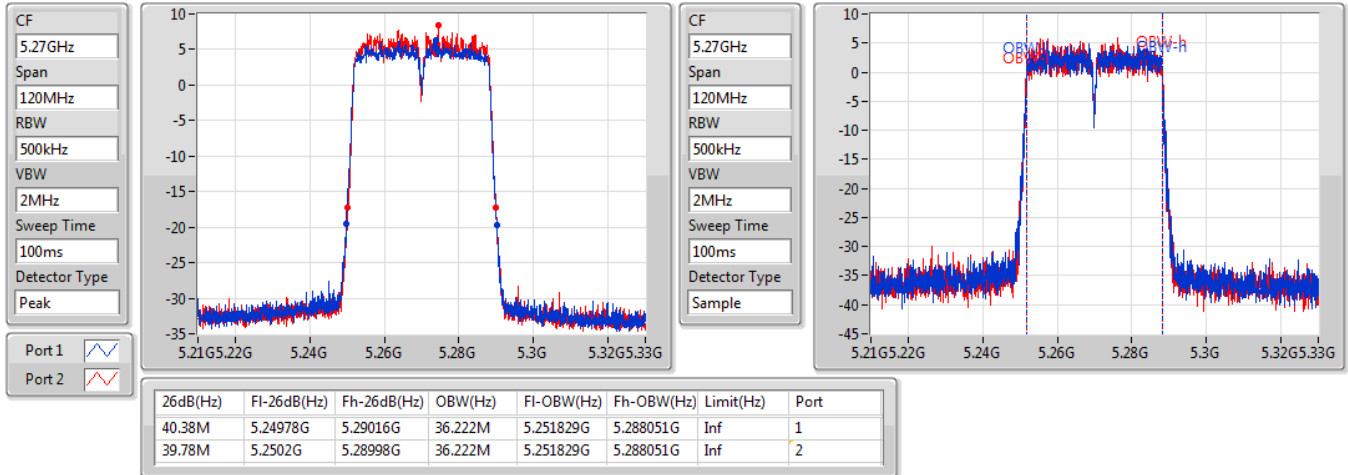

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

06/11/2019

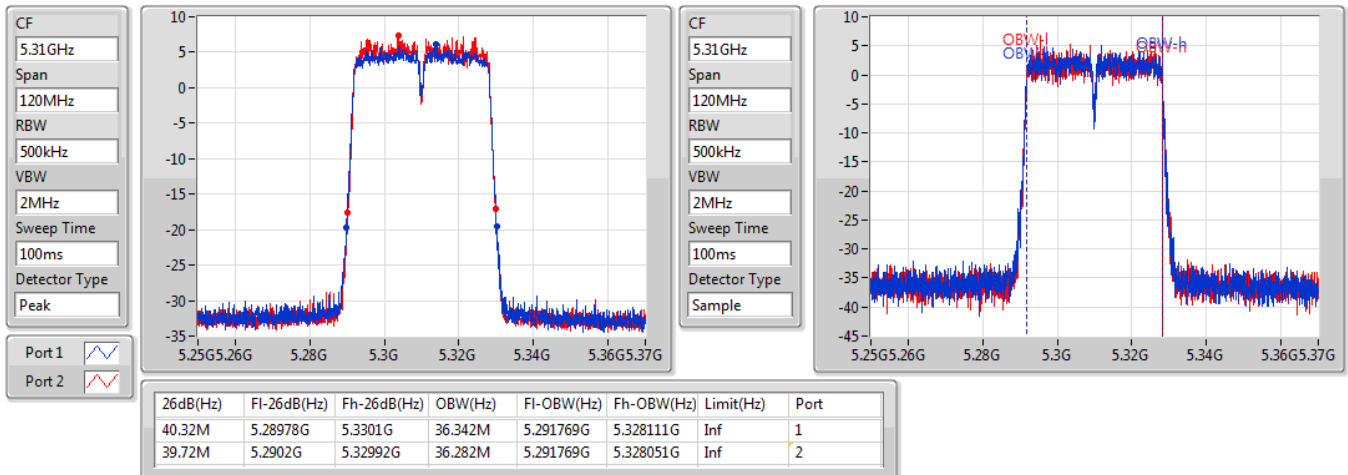


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

06/11/2019

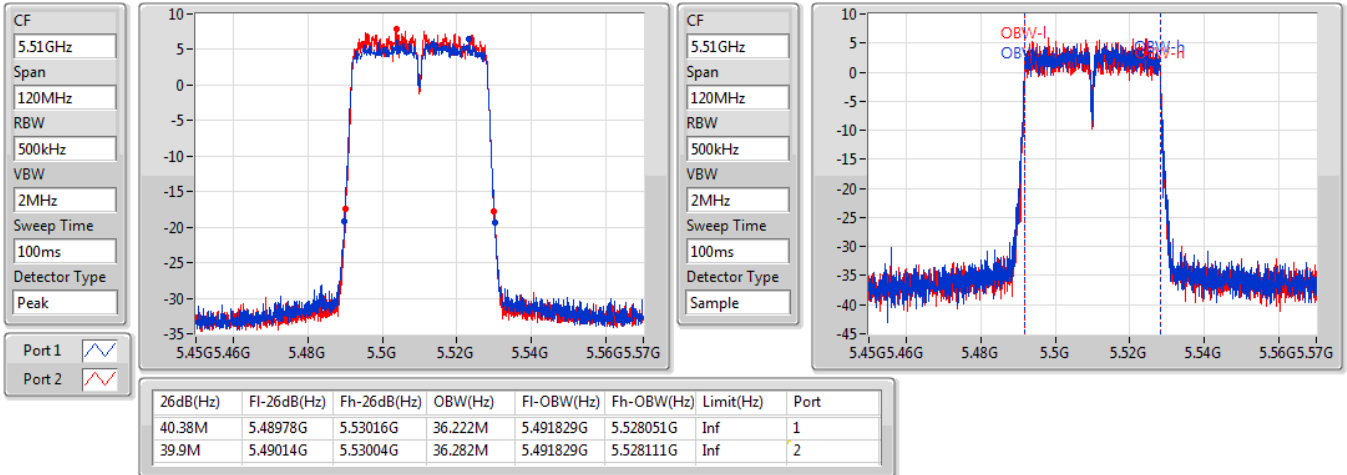

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

06/11/2019

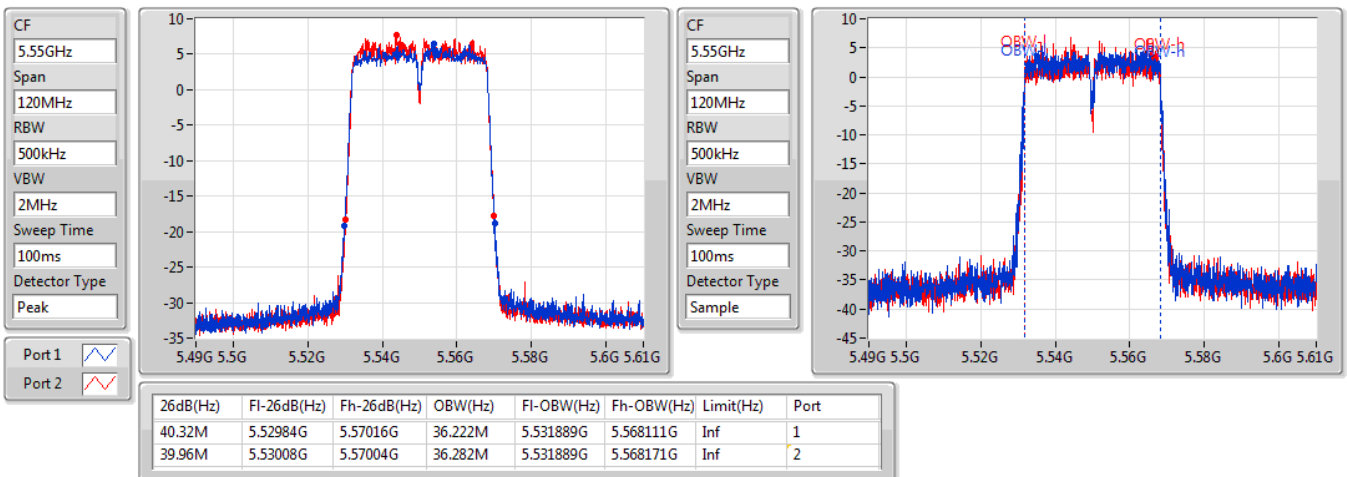


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

06/11/2019

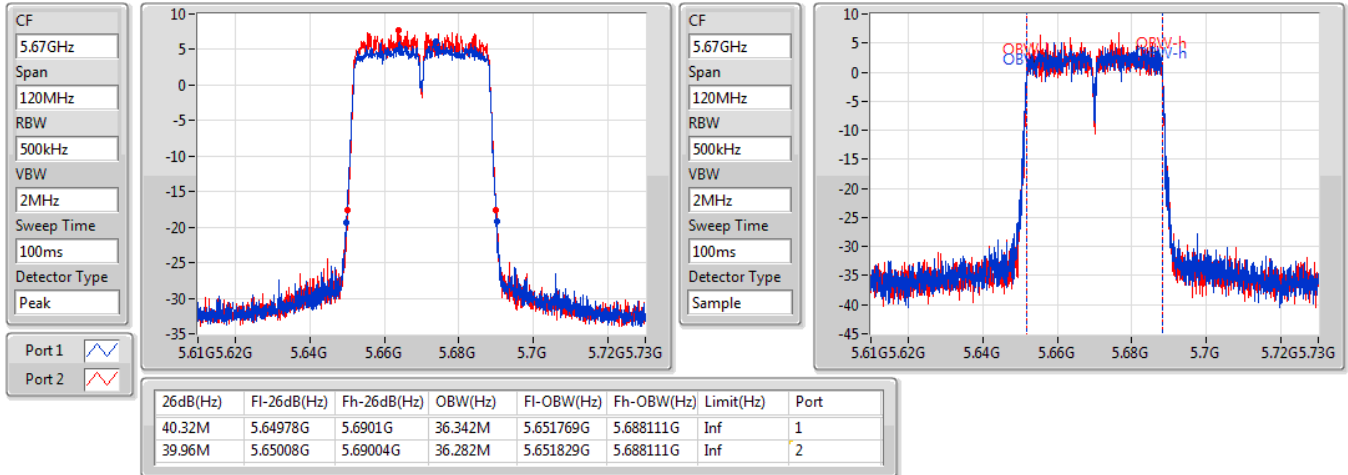

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

06/11/2019

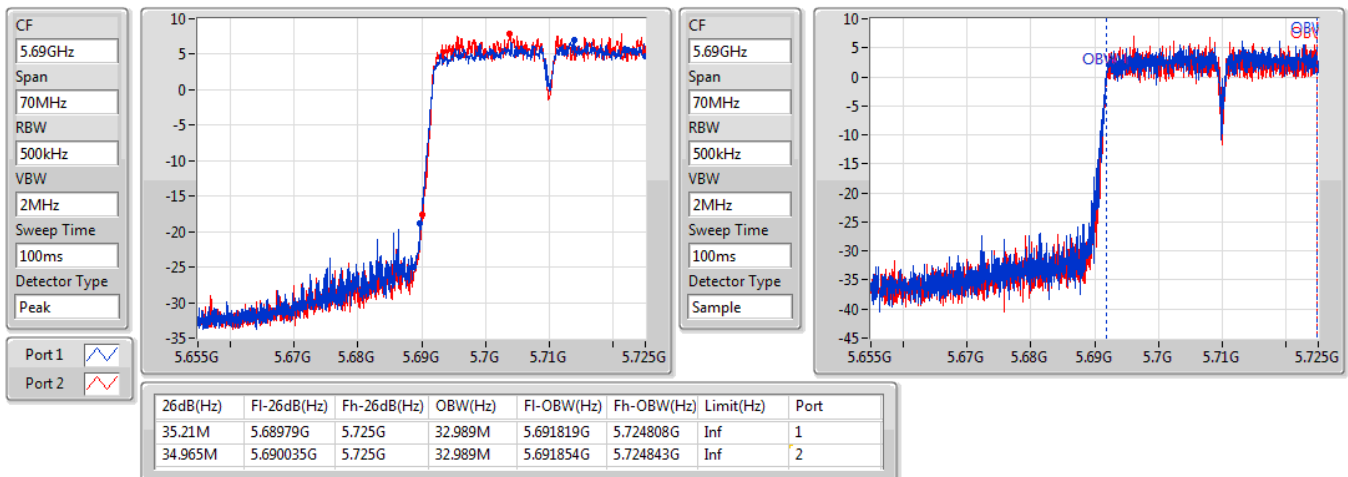


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

06/11/2019

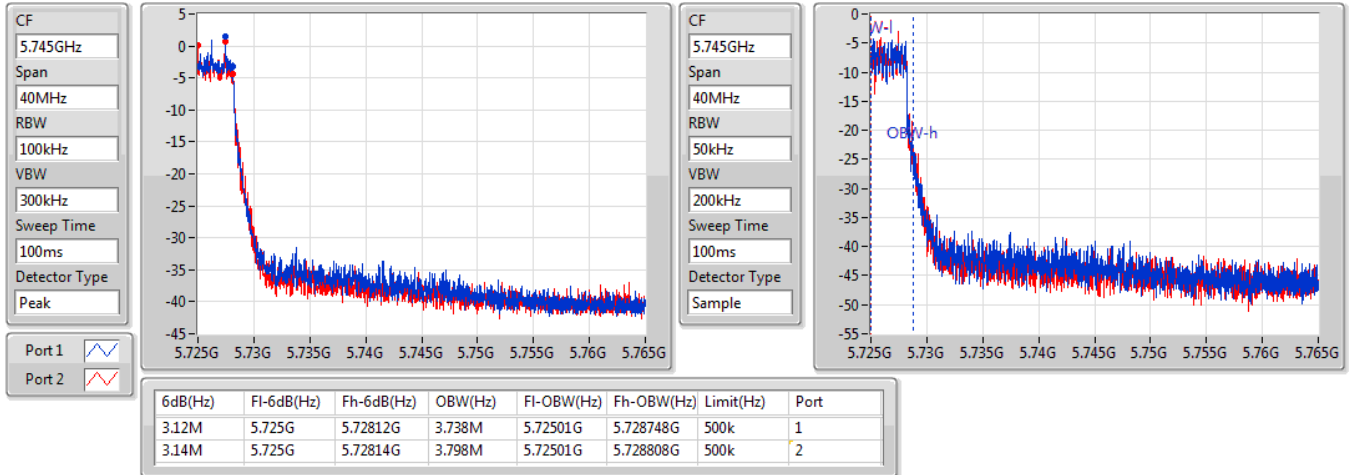

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

06/11/2019

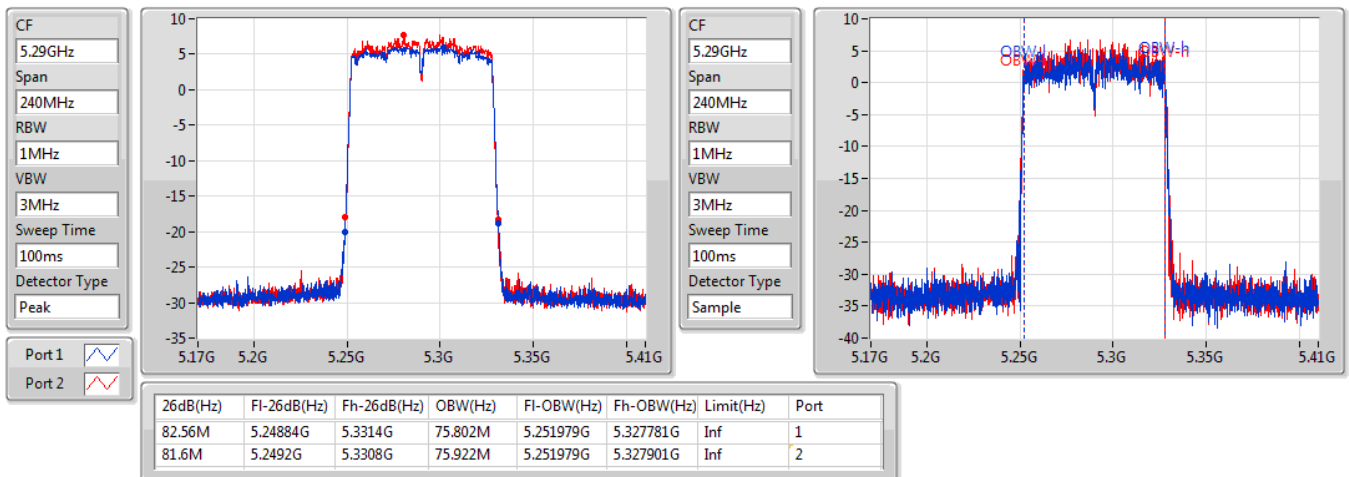


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

06/11/2019

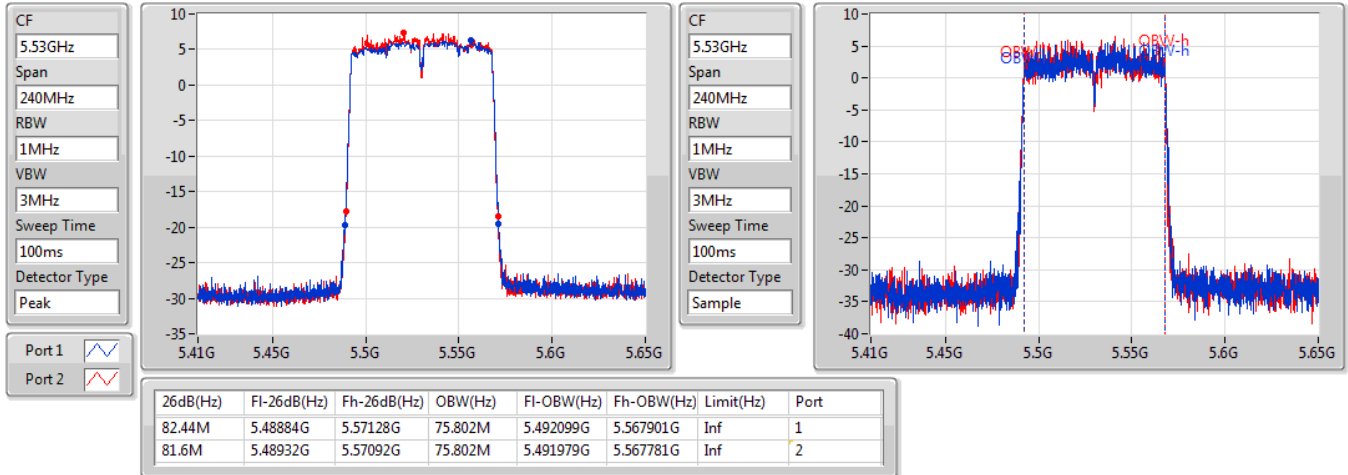

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

06/11/2019

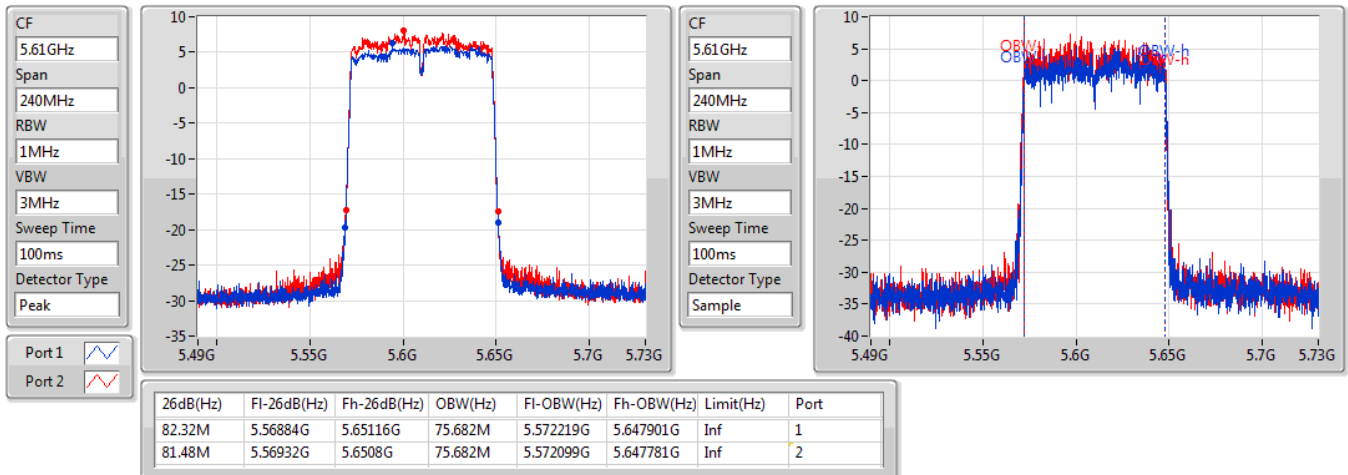


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

06/11/2019

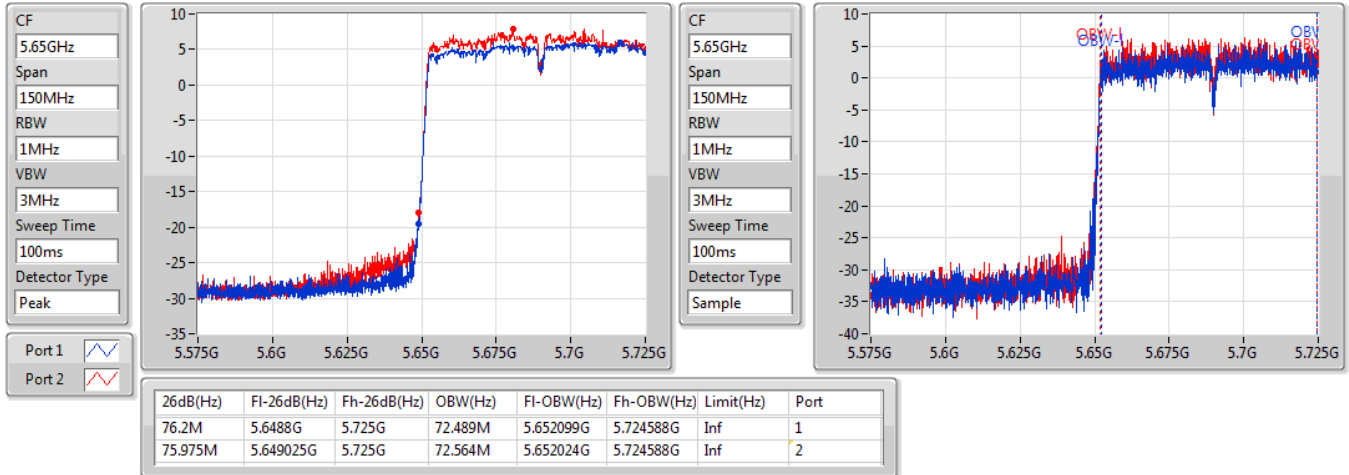

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

06/11/2019

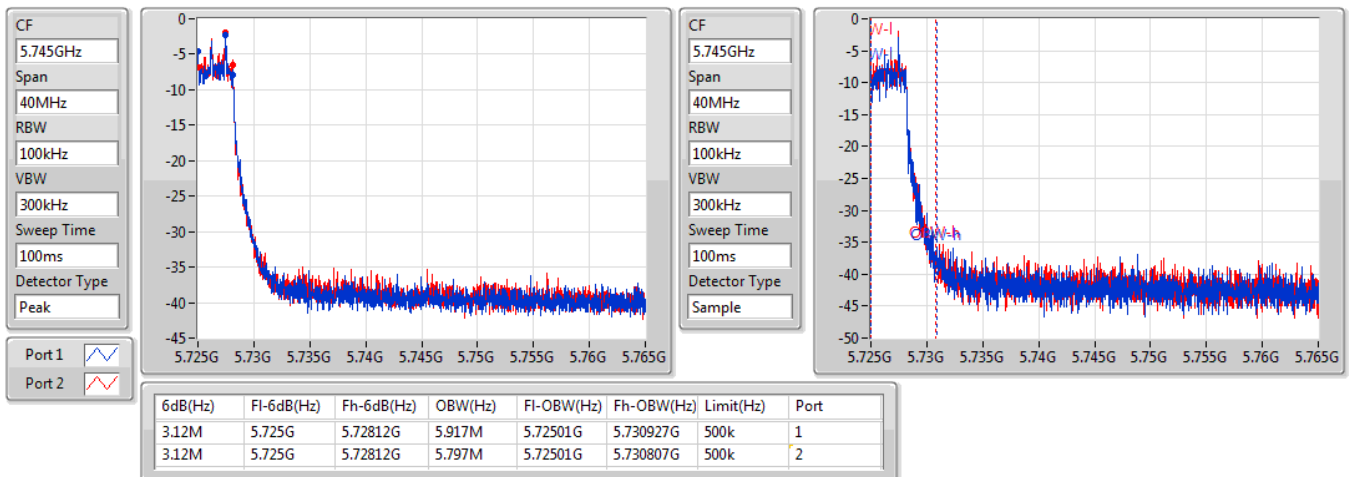


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

06/11/2019

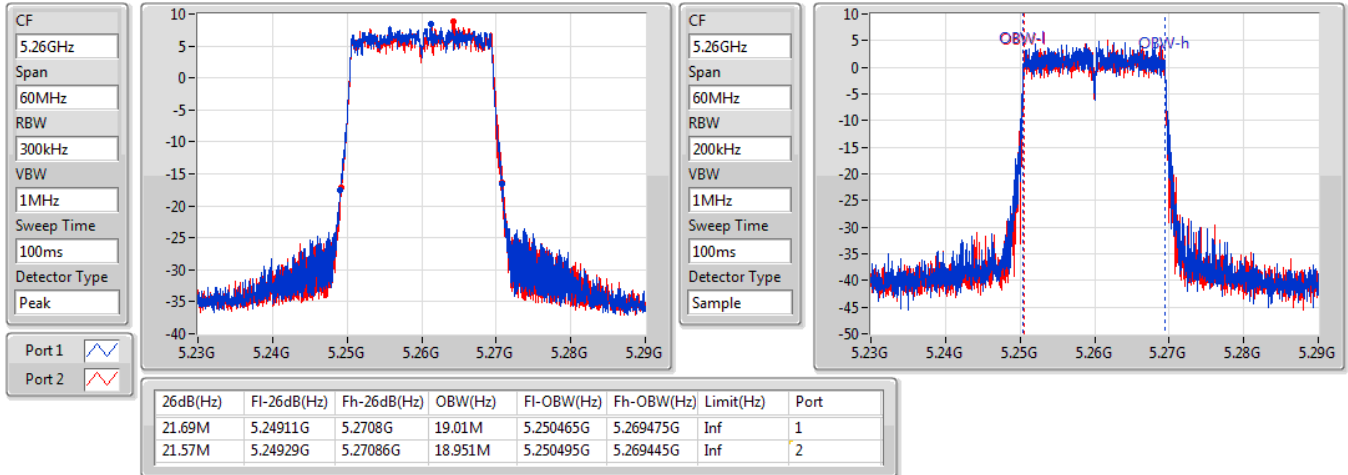

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

06/11/2019

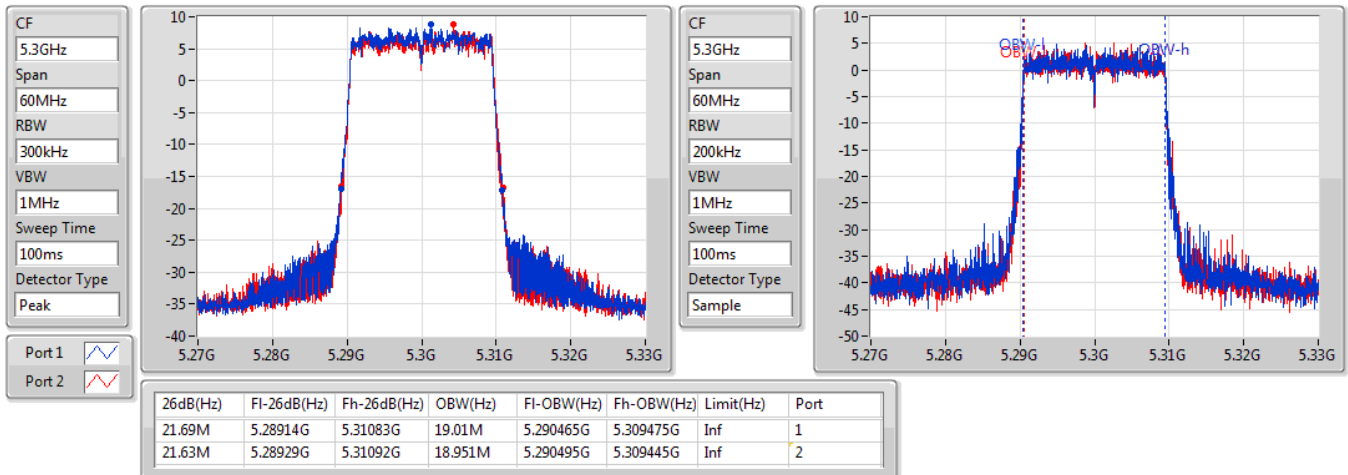


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

06/11/2019

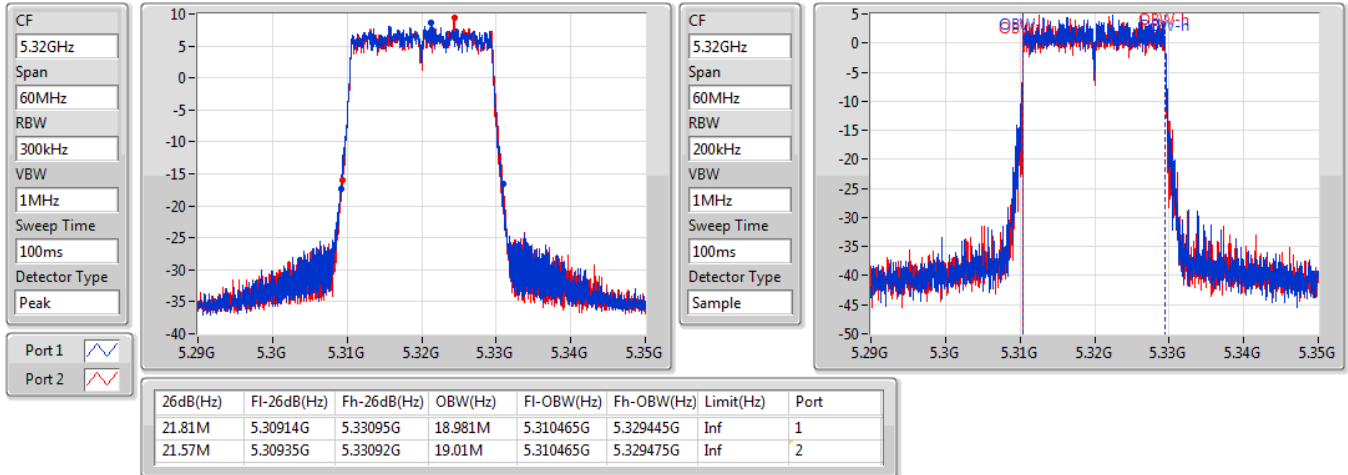

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

06/11/2019

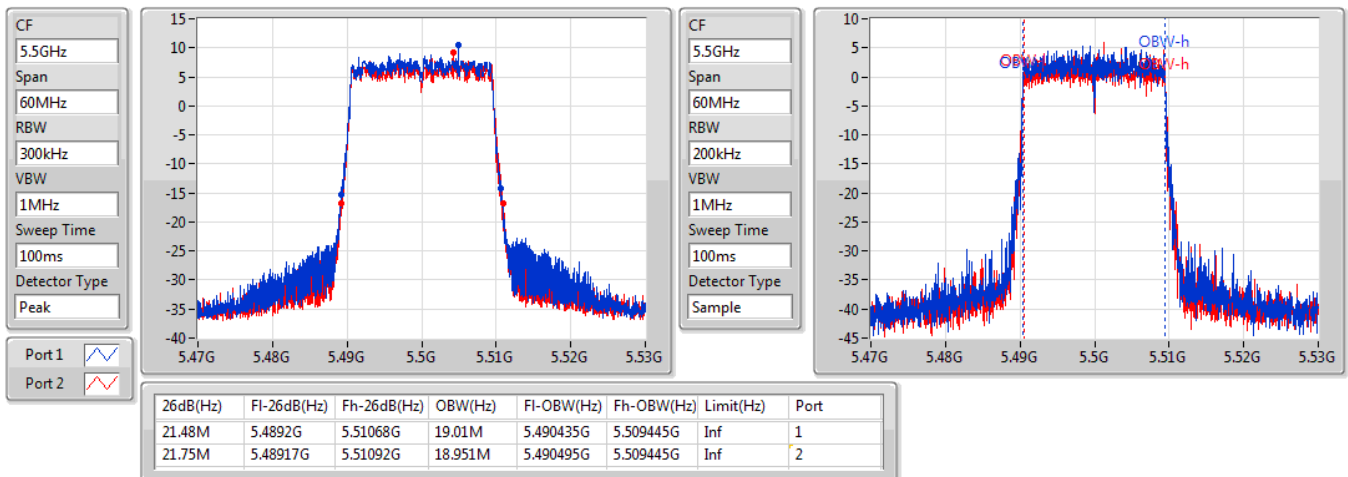


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

06/11/2019

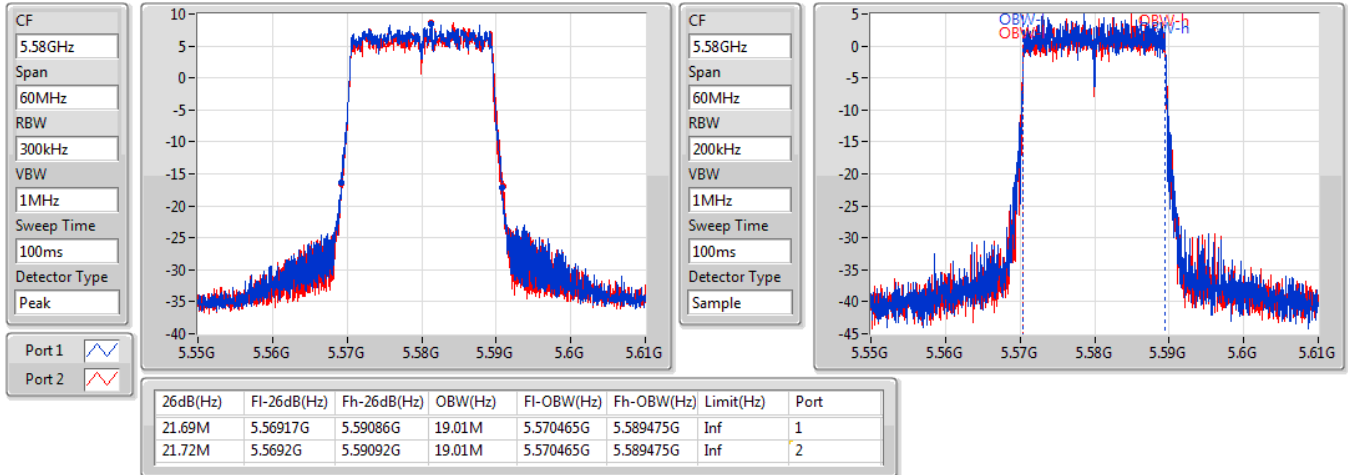

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

06/11/2019

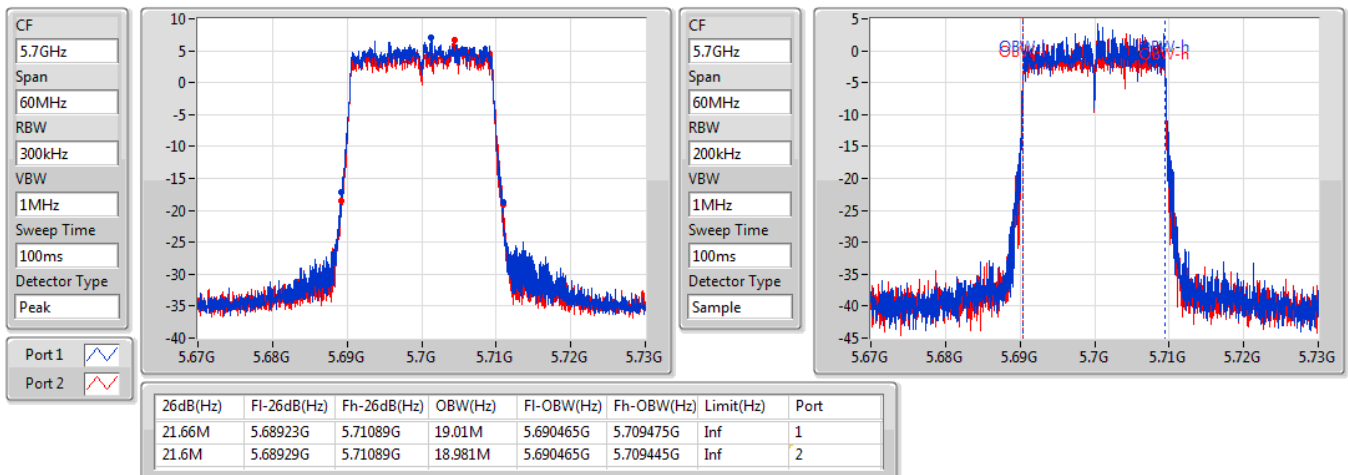


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

06/11/2019

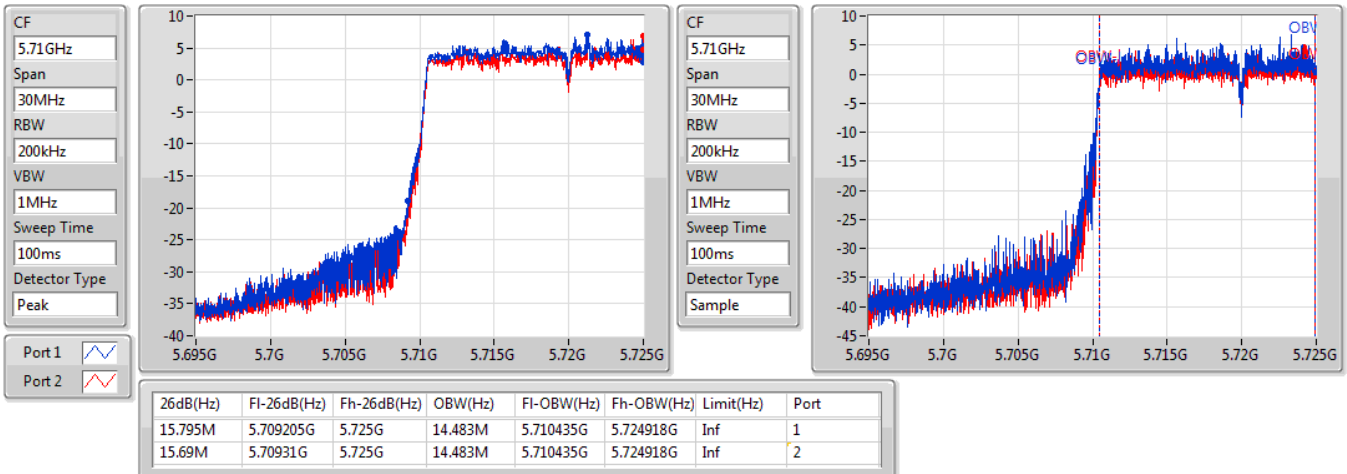

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

06/11/2019

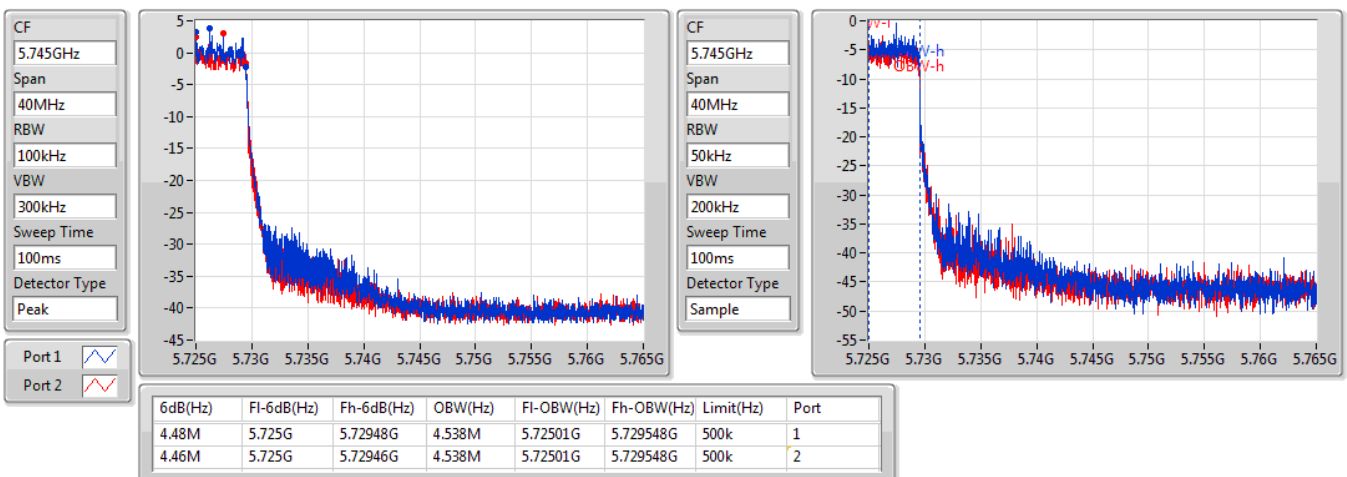


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

06/11/2019

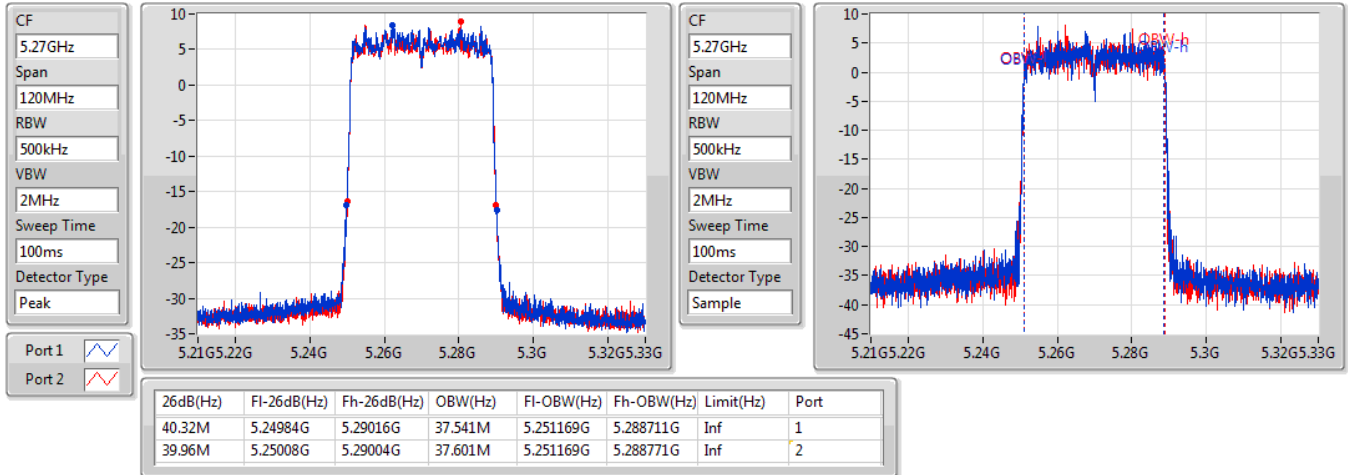

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

06/11/2019

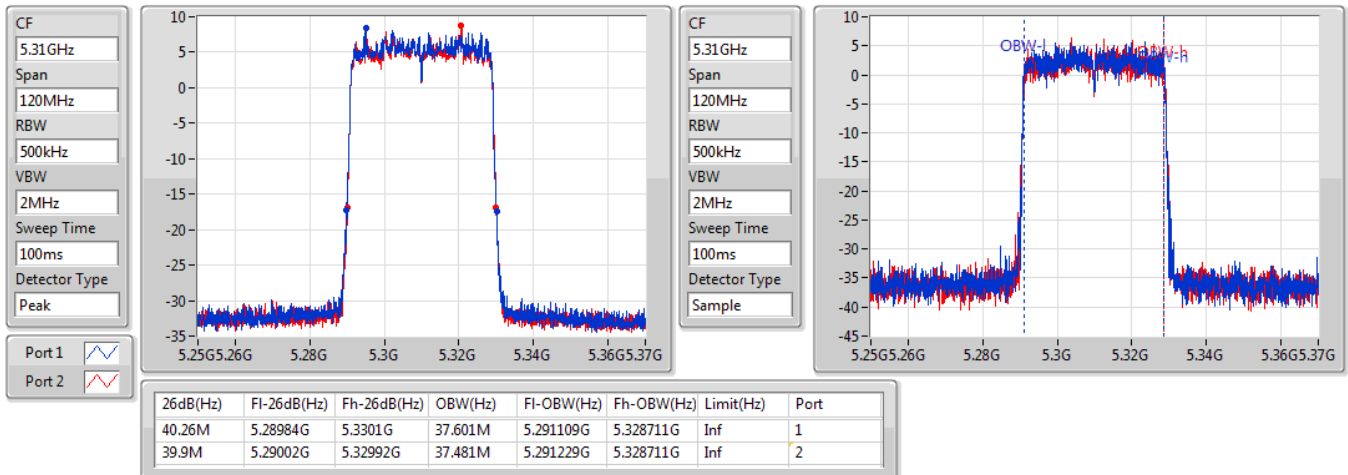


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

06/11/2019

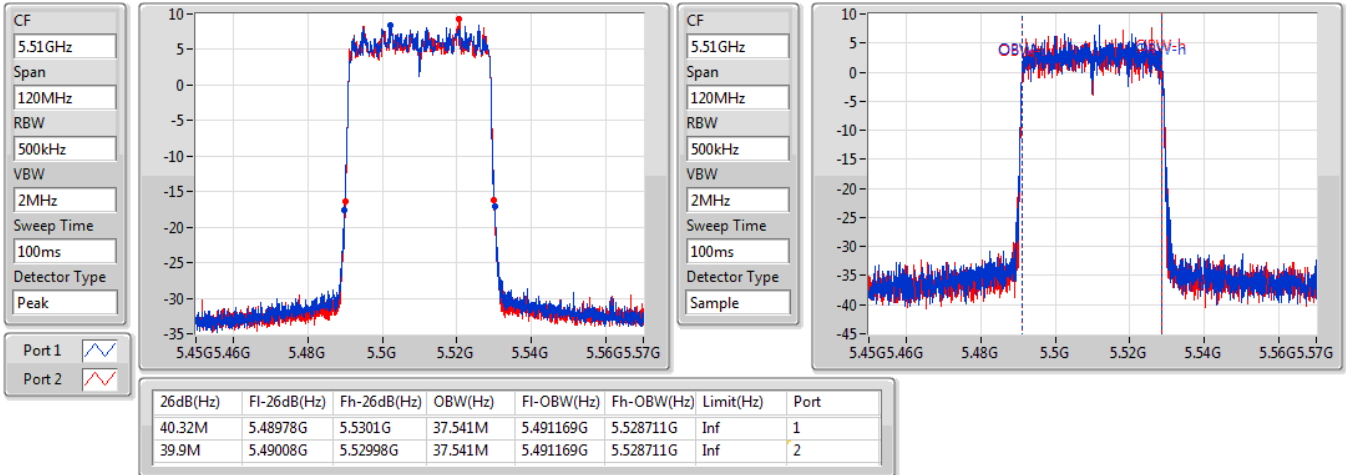

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

06/11/2019

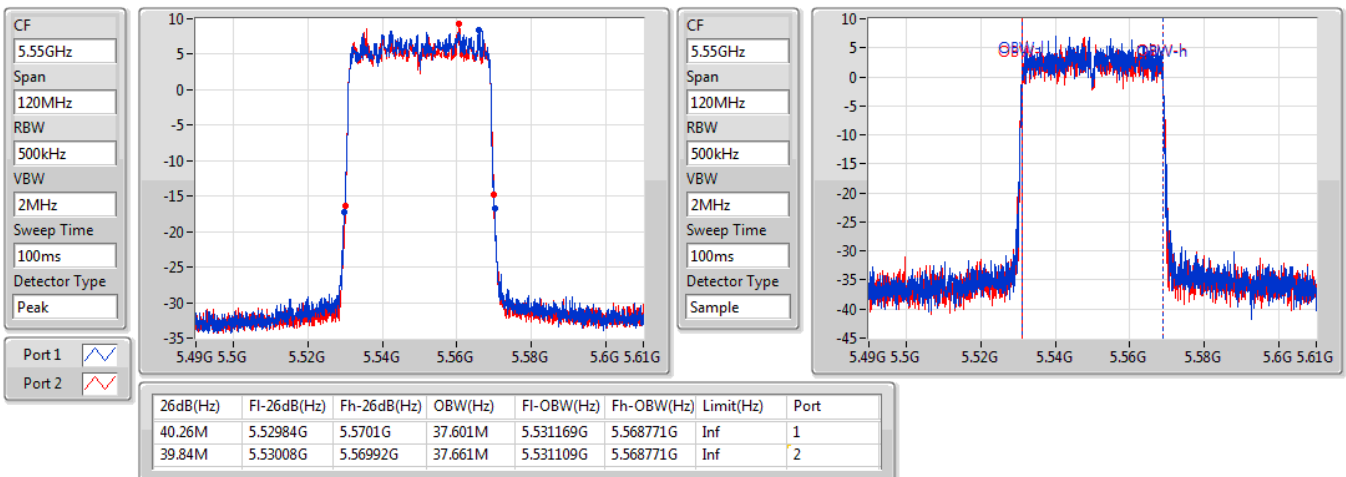


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

06/11/2019

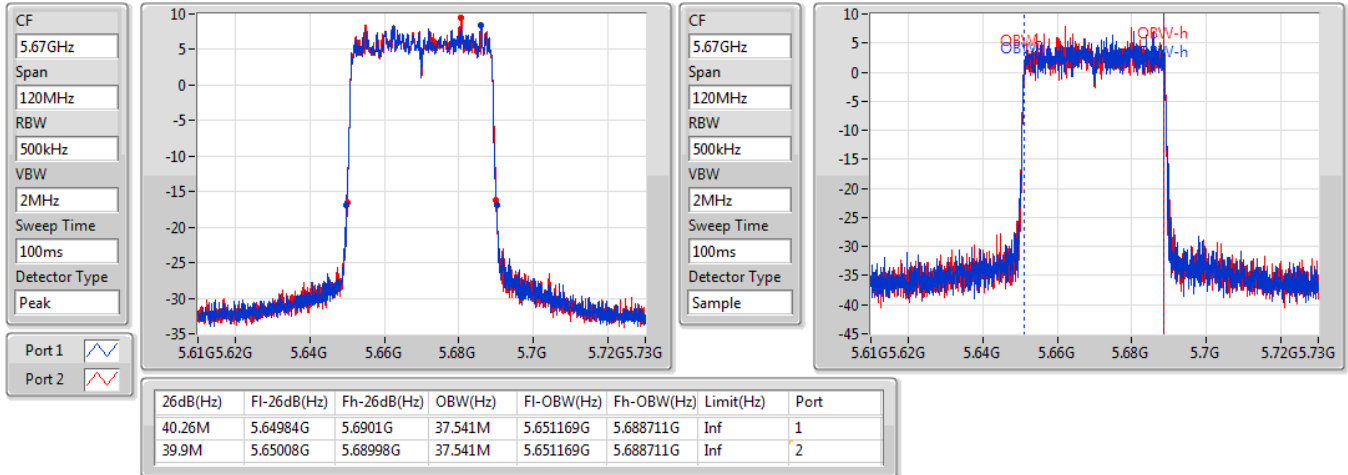

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

06/11/2019

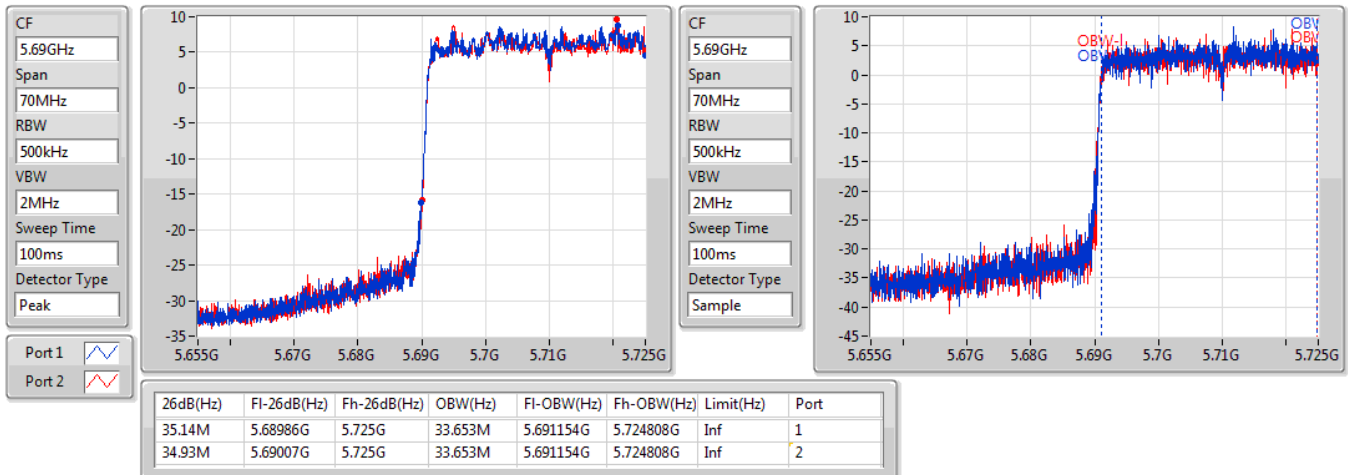


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

06/11/2019

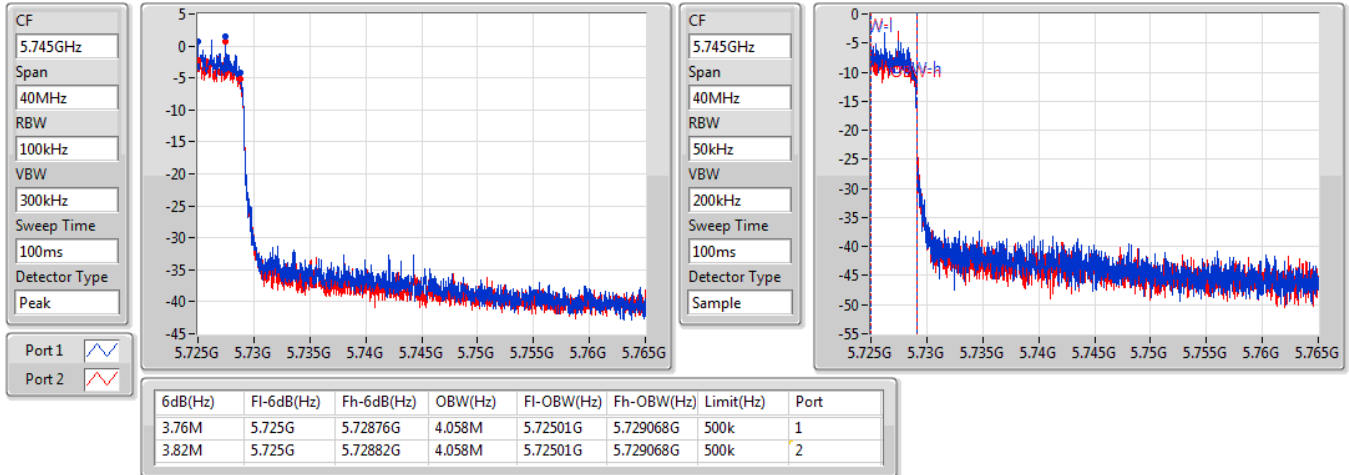

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

06/11/2019

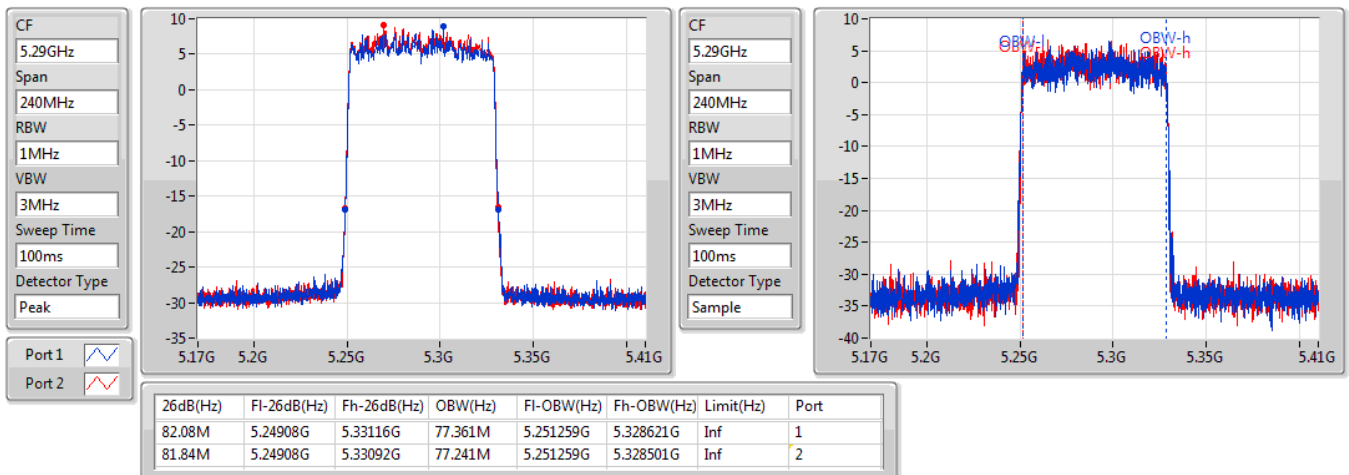


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

06/11/2019

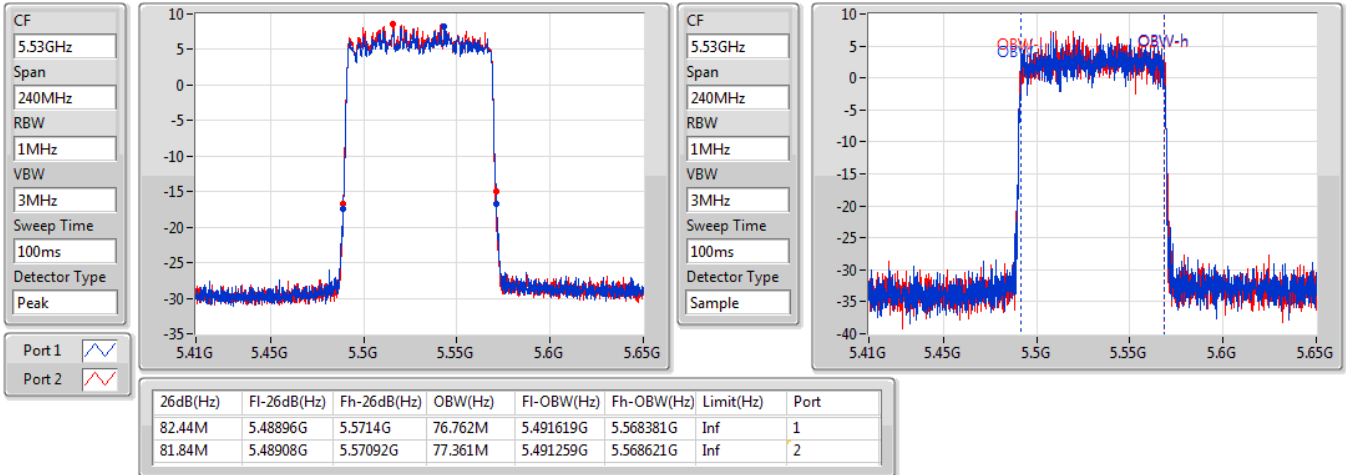

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

06/11/2019

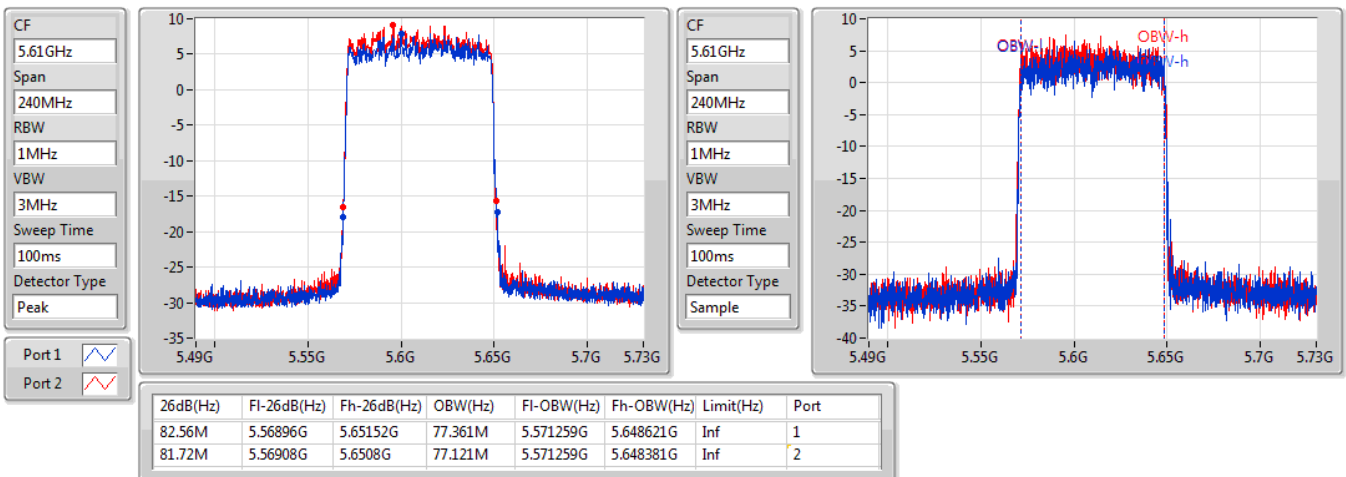


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

06/11/2019

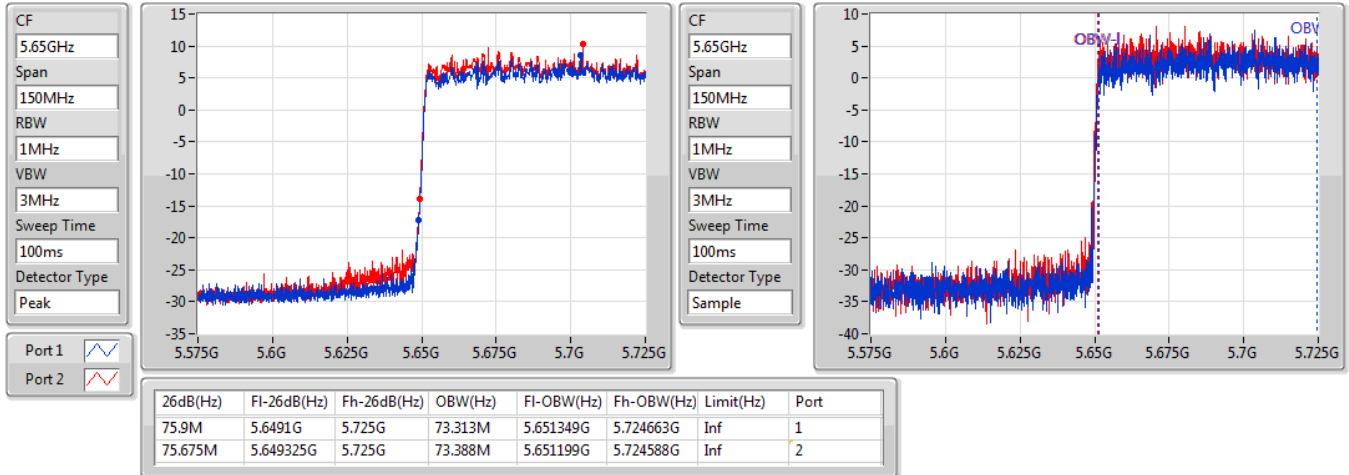

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

06/11/2019

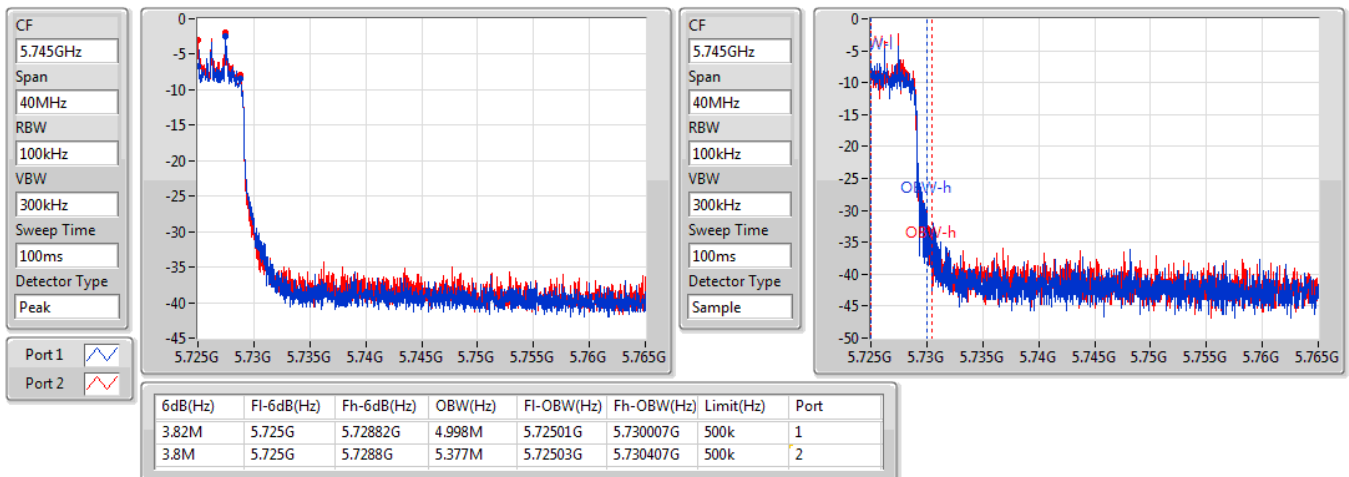


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

06/11/2019


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

06/11/2019



**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       | 21.475M          | 16.592M         | 16M6D1D  | 21.375M          | 16.542M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 24.85M           | 17.791M         | 17M8D1D  | 21.675M          | 17.741M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 40.3M            | 36.332M         | 36M3D1D  | 40.2M            | 36.232M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 82M              | 75.762M         | 75M8D1D  | 82M              | 75.762M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 22.875M          | 18.991M         | 19M0D1D  | 22.675M          | 18.966M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 40.05M           | 37.581M         | 37M6D1D  | 40M              | 37.531M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 82.3M            | 77.161M         | 77M2D1D  | 82.3M            | 77.161M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 21.475M          | 16.592M         | 16M6D1D  | 15.765M          | 13.313M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 24.2M            | 17.816M         | 17M8D1D  | 15.765M          | 13.928M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 43.7M            | 36.282M         | 36M3D1D  | 36.54M           | 33.058M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 81.7M            | 75.862M         | 75M9D1D  | 75.975M          | 72.639M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 25.325M          | 18.991M         | 19M0D1D  | 16.335M          | 14.498M         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 41.95M           | 37.631M         | 37M6D1D  | 35.315M          | 33.618M         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 82.5M            | 77.361M         | 77M4D1D  | 75.9M            | 73.238M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 3.12M            | 4.078M          | 4M08D1D  | 3.12M            | 4.078M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 3.74M            | 4.398M          | 4M40D1D  | 3.74M            | 4.398M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.14M            | 4.818M          | 4M82D1D  | 3.14M            | 4.818M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 3.12M            | 13.293M         | 13M3D1D  | 3.12M            | 13.293M         |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 4.42M            | 4.538M          | 4M54D1D  | 4.42M            | 4.538M          |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 3.76M            | 6.337M          | 6M34D1D  | 3.76M            | 6.337M          |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 3.78M            | 12.274M         | 12M3D1D  | 3.78M            | 12.274M         |

**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) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.375M             | 16.542M            |
| 5300MHz                        | Pass   | Inf           | 21.475M             | 16.592M            |
| 5320MHz                        | Pass   | Inf           | 21.475M             | 16.542M            |
| 5500MHz                        | Pass   | Inf           | 21.475M             | 16.567M            |
| 5580MHz                        | Pass   | Inf           | 21.325M             | 16.567M            |
| 5700MHz                        | Pass   | Inf           | 21.45M              | 16.592M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.765M             | 13.313M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 4.078M             |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 24.85M              | 17.766M            |
| 5300MHz                        | Pass   | Inf           | 21.725M             | 17.791M            |
| 5320MHz                        | Pass   | Inf           | 21.675M             | 17.741M            |
| 5500MHz                        | Pass   | Inf           | 21.775M             | 17.791M            |
| 5580MHz                        | Pass   | Inf           | 21.825M             | 17.741M            |
| 5700MHz                        | Pass   | Inf           | 24.2M               | 17.816M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.765M             | 13.928M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.74M               | 4.398M             |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 40.3M               | 36.232M            |
| 5310MHz                        | Pass   | Inf           | 40.2M               | 36.332M            |
| 5510MHz                        | Pass   | Inf           | 40.25M              | 36.232M            |
| 5550MHz                        | Pass   | Inf           | 40.2M               | 36.282M            |
| 5670MHz                        | Pass   | Inf           | 43.7M               | 36.182M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 36.54M              | 33.058M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.14M               | 4.818M             |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 82M                 | 75.762M            |
| 5530MHz                        | Pass   | Inf           | 81.7M               | 75.762M            |
| 5610MHz                        | Pass   | Inf           | 81.6M               | 75.862M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.975M             | 72.639M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 13.293M            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 22.875M             | 18.966M            |
| 5300MHz                        | Pass   | Inf           | 22.675M             | 18.991M            |
| 5320MHz                        | Pass   | Inf           | 22.75M              | 18.991M            |
| 5500MHz                        | Pass   | Inf           | 21.675M             | 18.991M            |
| 5580MHz                        | Pass   | Inf           | 22.6M               | 18.991M            |
| 5700MHz                        | Pass   | Inf           | 25.325M             | 18.991M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 16.335M             | 14.498M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.42M               | 4.538M             |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 40.05M              | 37.581M            |
| 5310MHz                        | Pass   | Inf           | 40M                 | 37.531M            |



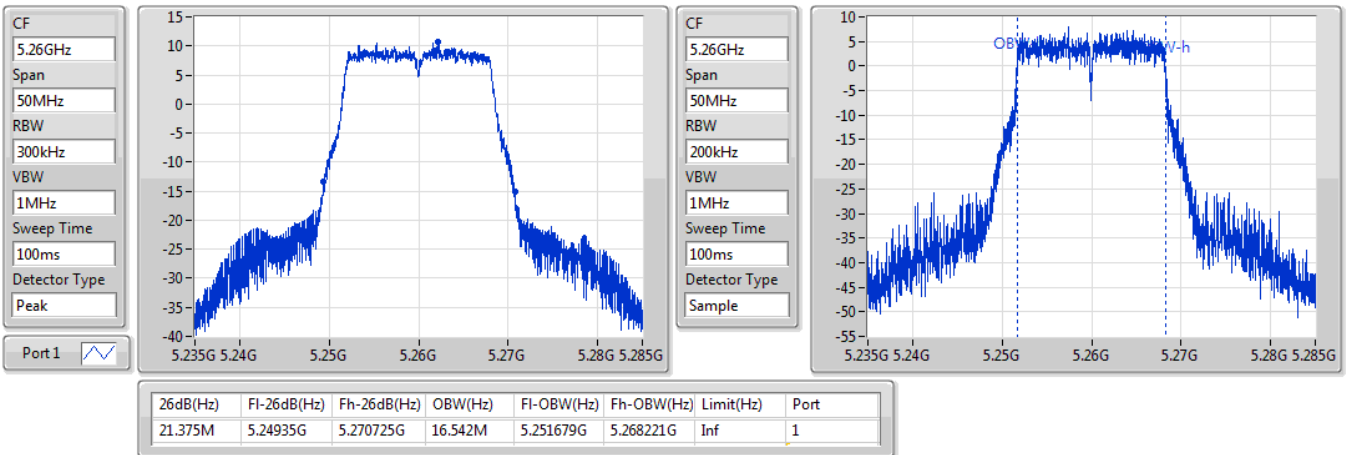
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 5510MHz                        | Pass   | Inf           | 40M                 | 37.581M            |
| 5550MHz                        | Pass   | Inf           | 40M                 | 37.531M            |
| 5670MHz                        | Pass   | Inf           | 41.95M              | 37.631M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 35.315M             | 33.618M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.76M               | 6.337M             |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 82.3M               | 77.161M            |
| 5530MHz                        | Pass   | Inf           | 81.9M               | 77.361M            |
| 5610MHz                        | Pass   | Inf           | 82.5M               | 77.261M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.9M               | 73.238M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.78M               | 12.274M            |

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

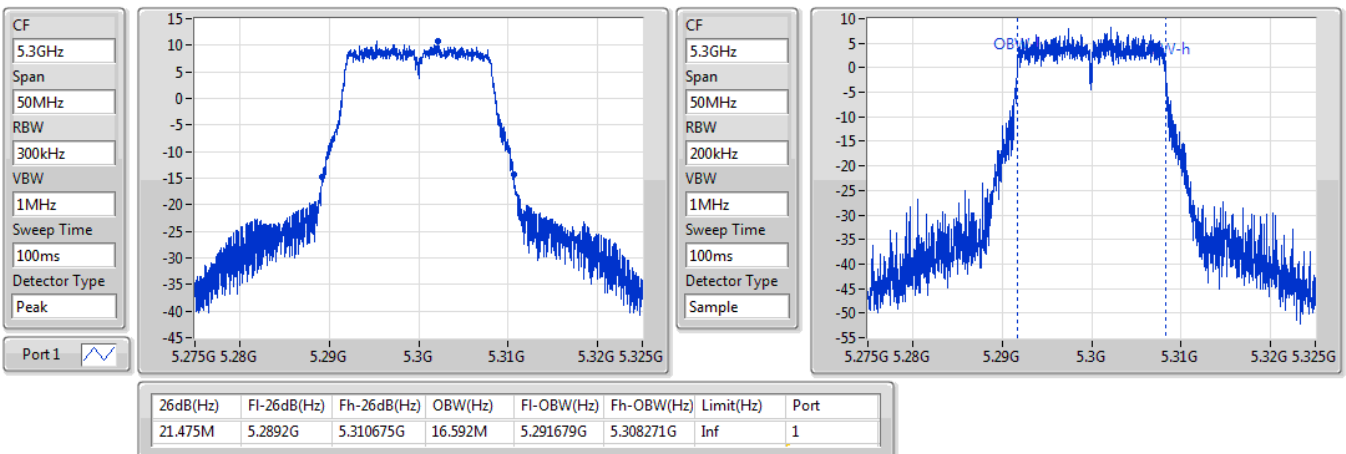
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5260MHz**

11/11/2019

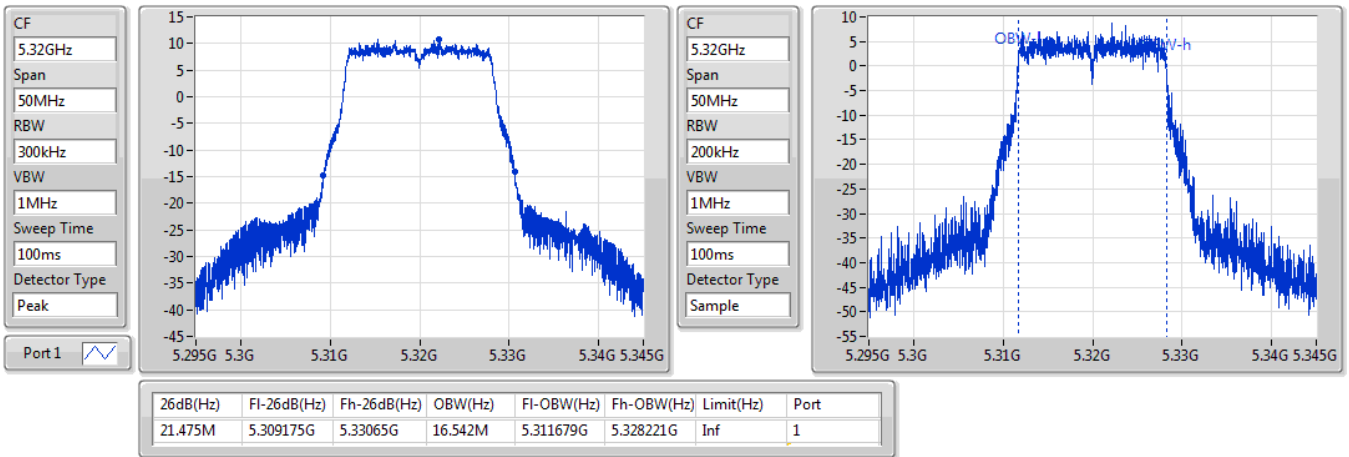

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5300MHz**

11/11/2019

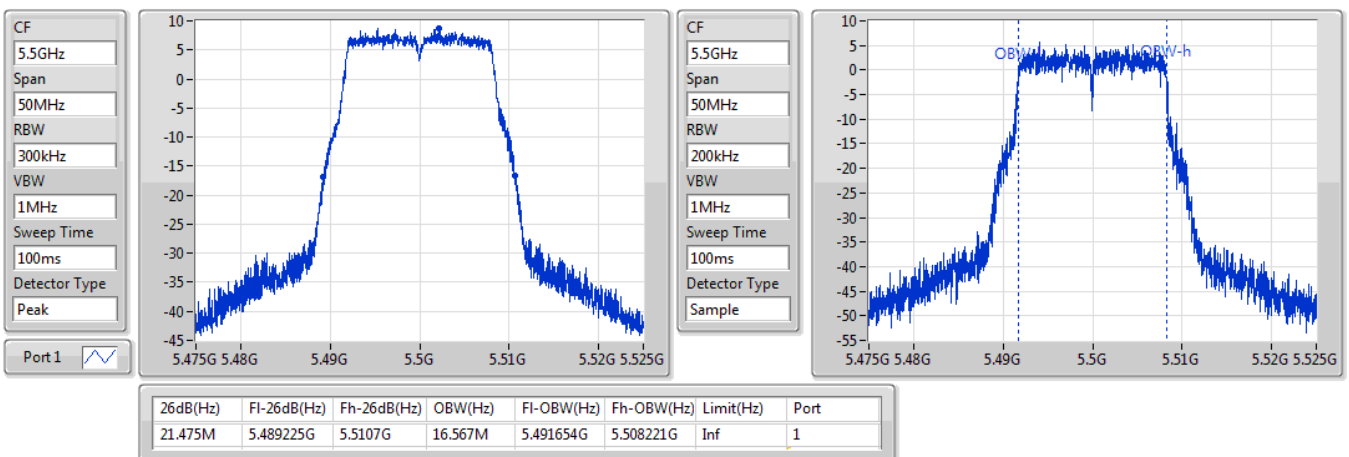


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5320MHz**

11/11/2019

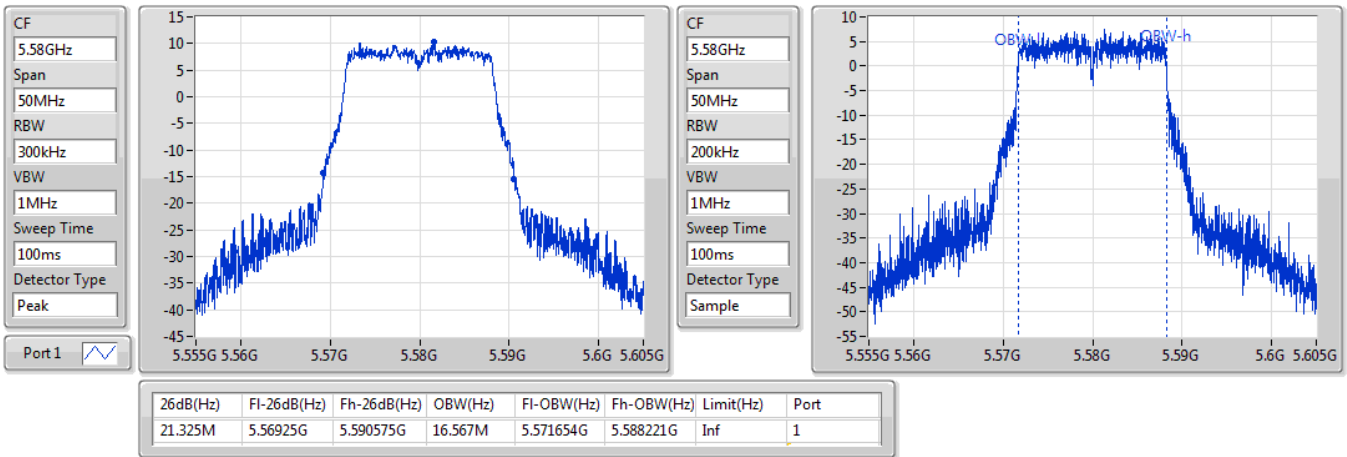

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5500MHz**

11/11/2019

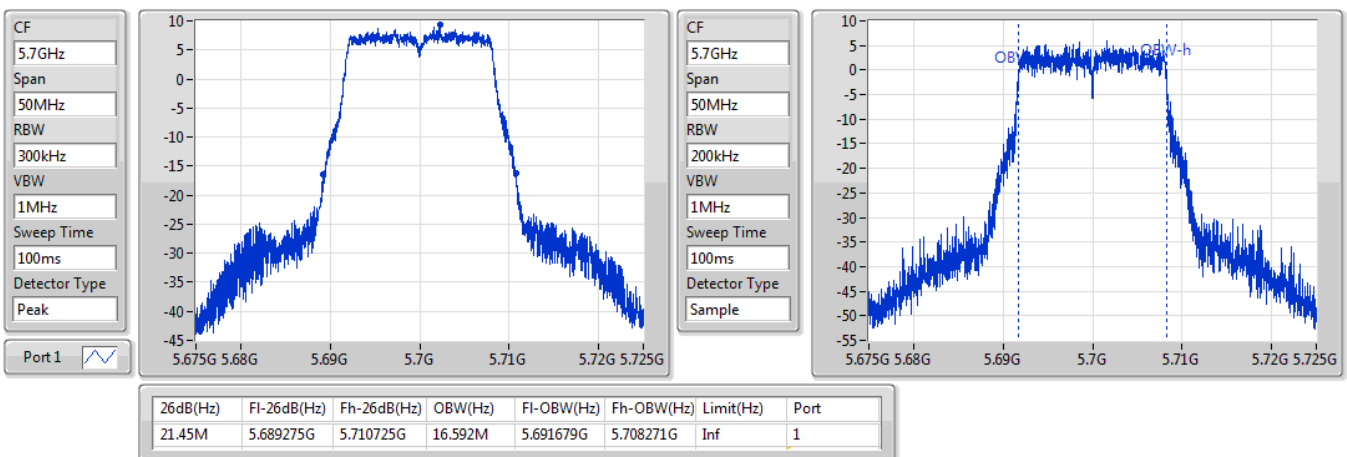


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5580MHz**

11/11/2019

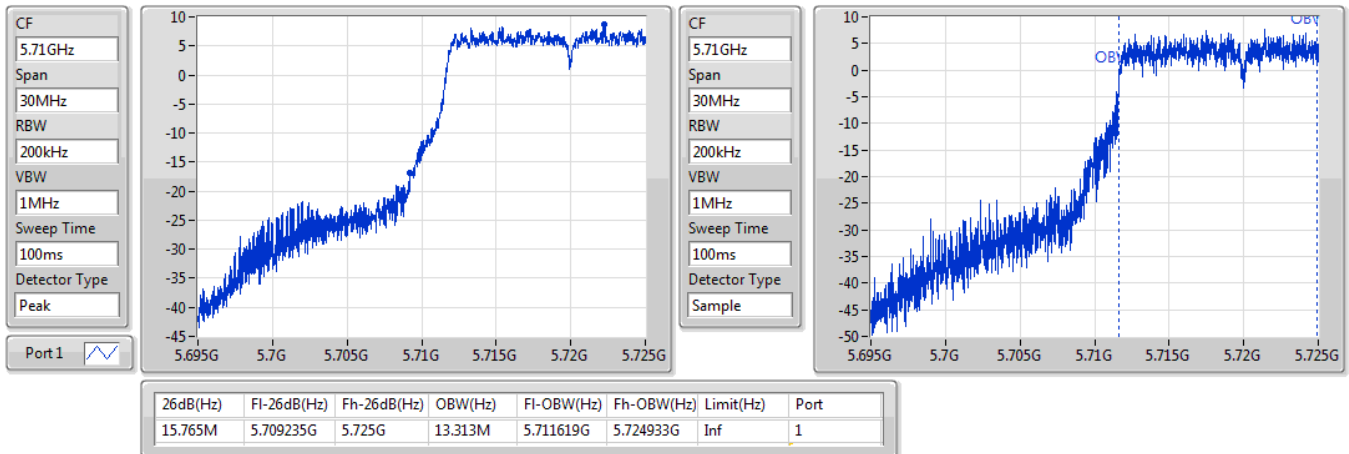

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5700MHz**

11/11/2019

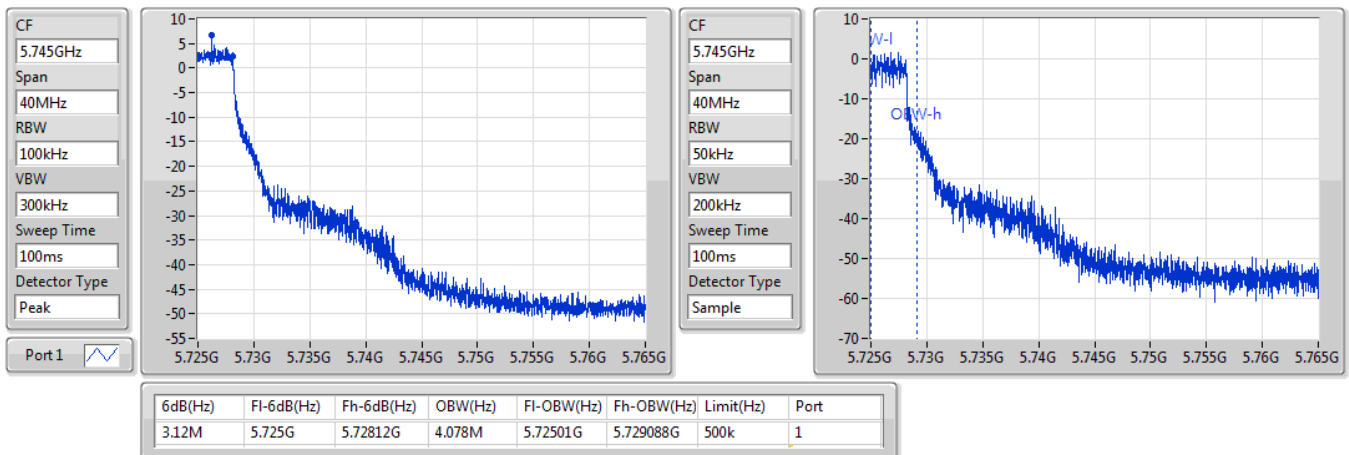


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

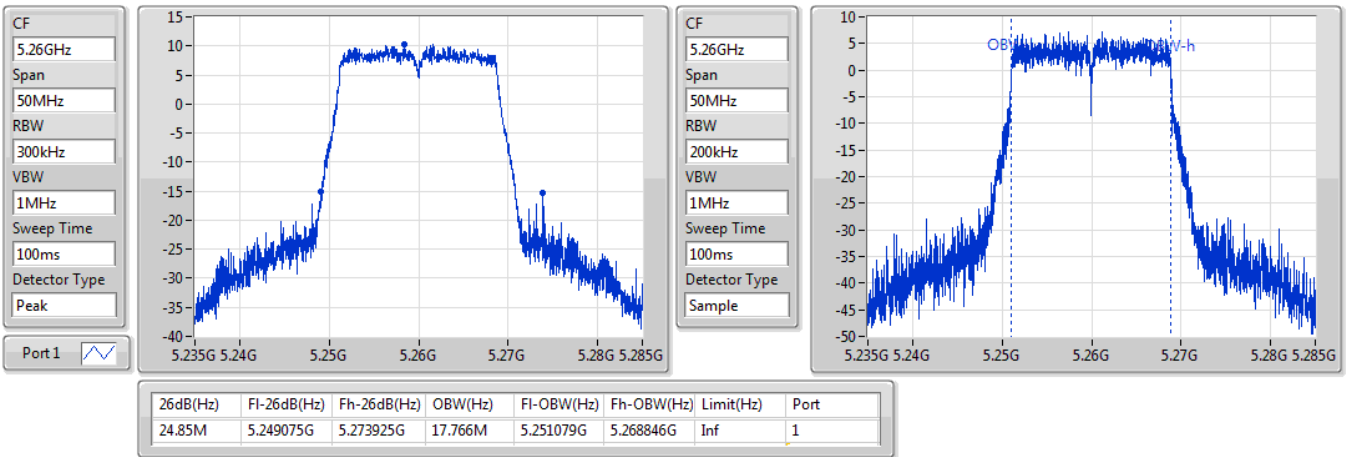

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

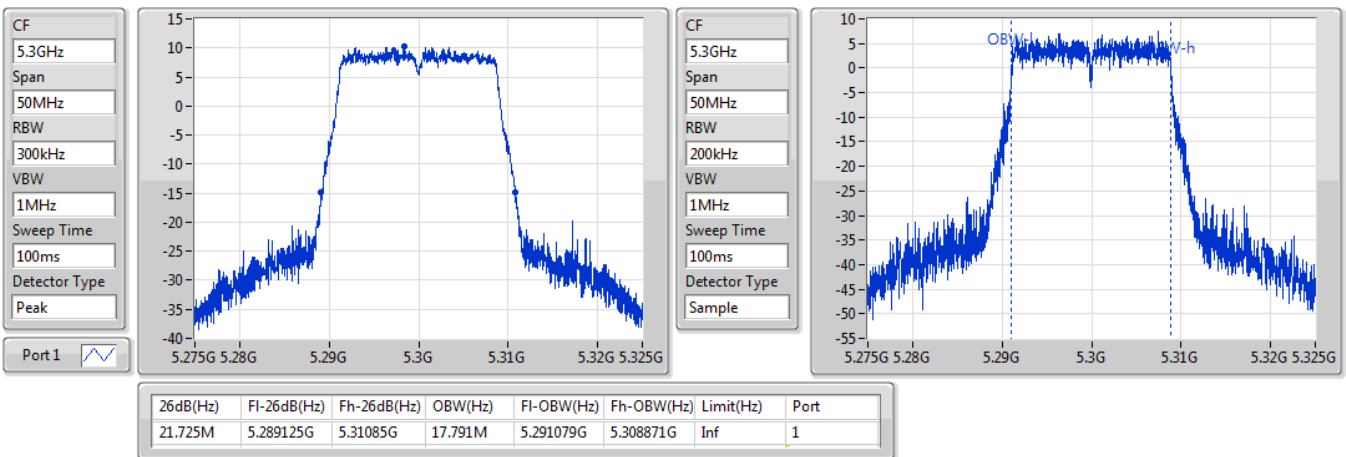


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

11/11/2019

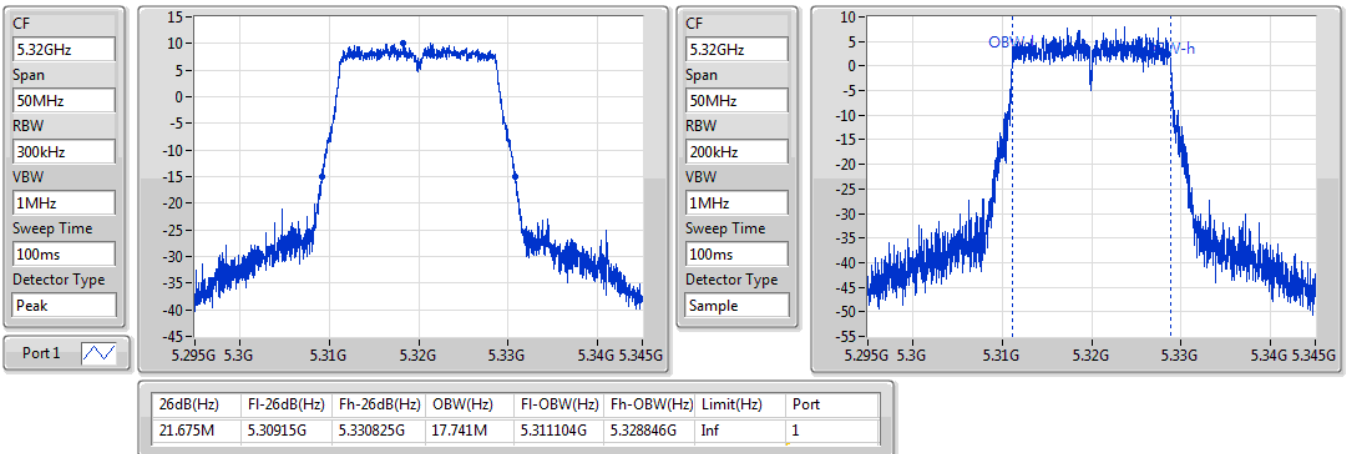

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

11/11/2019

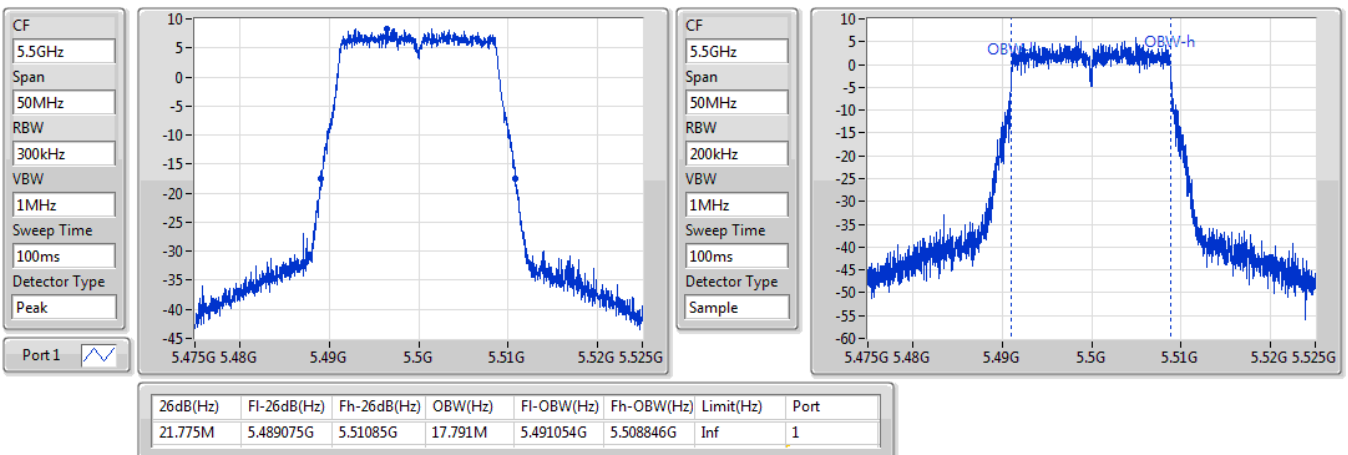


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

11/11/2019

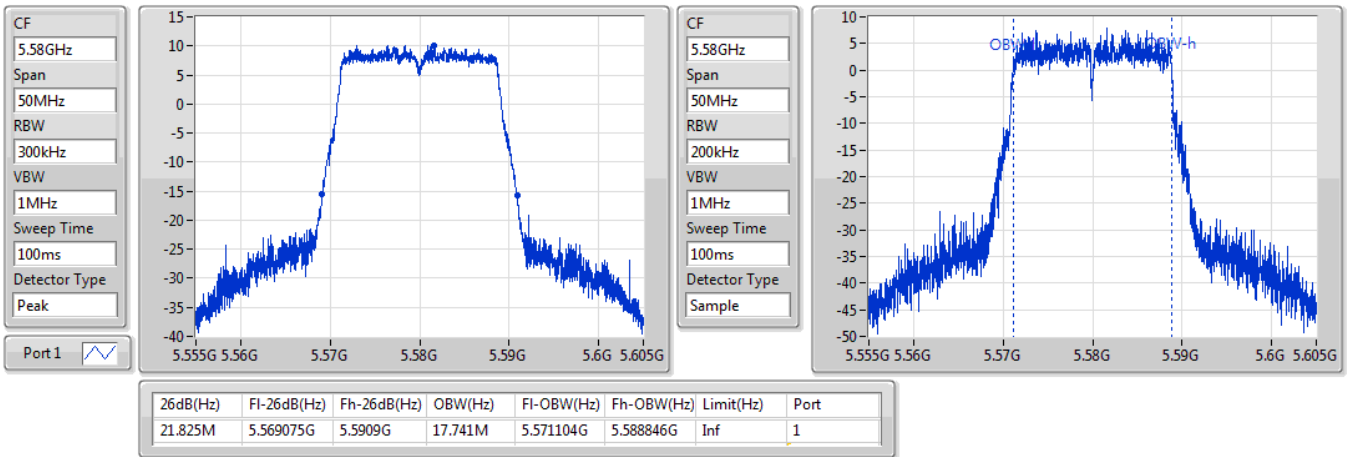

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

11/11/2019

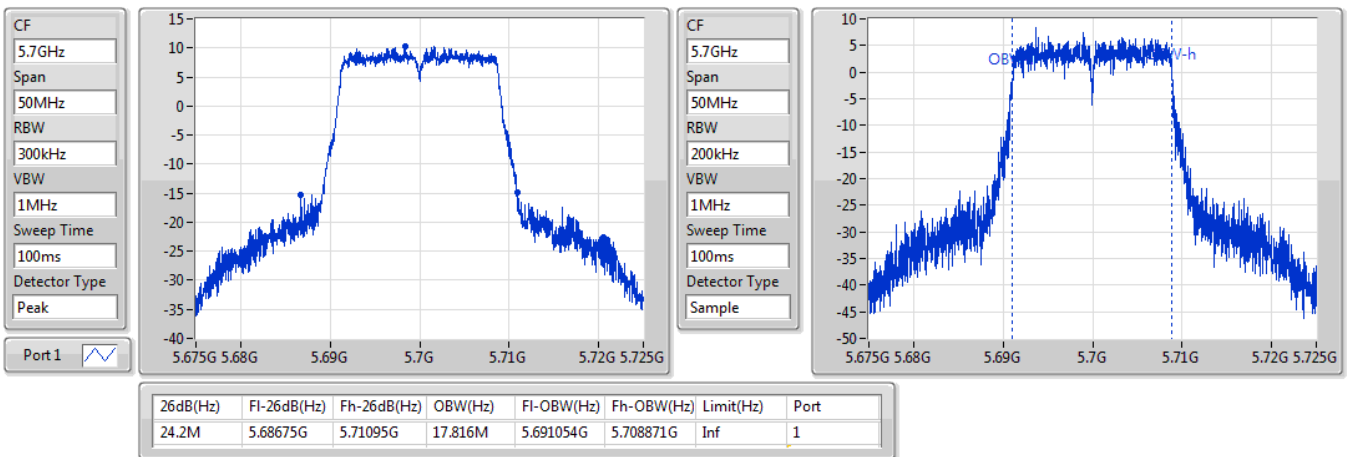


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

11/11/2019

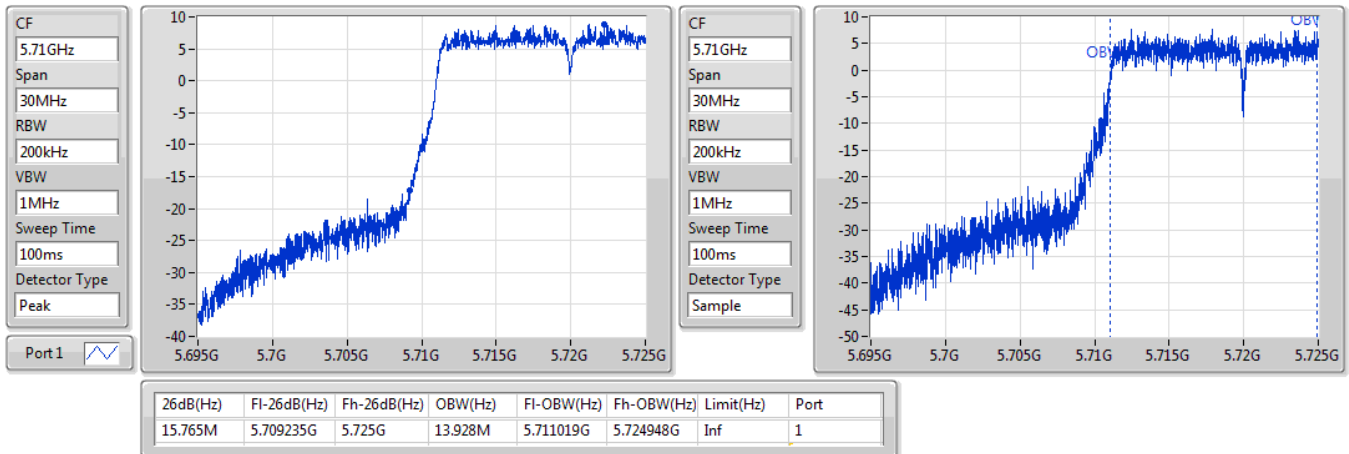

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

11/11/2019

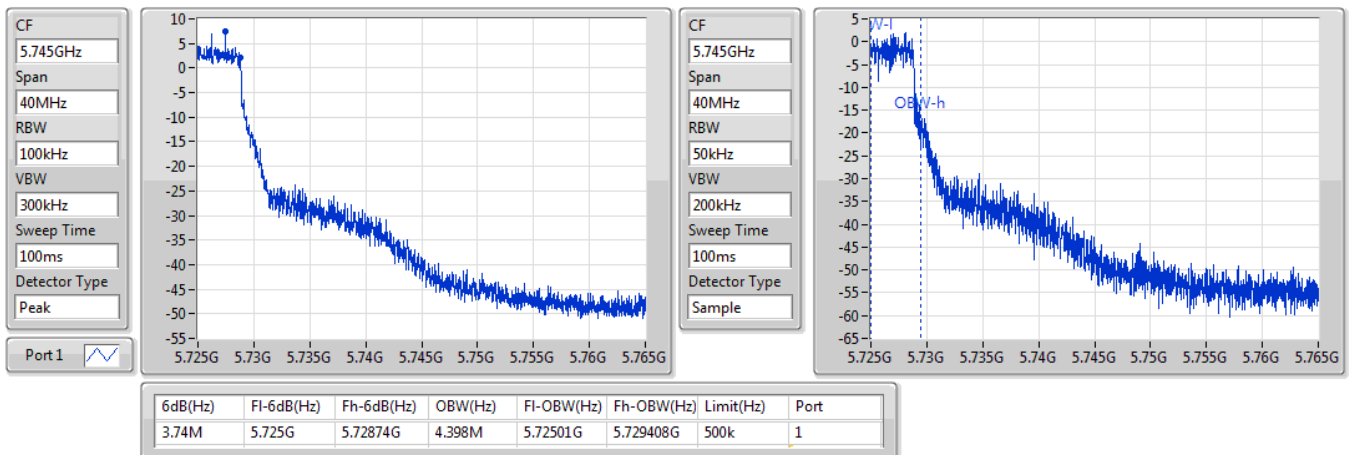


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

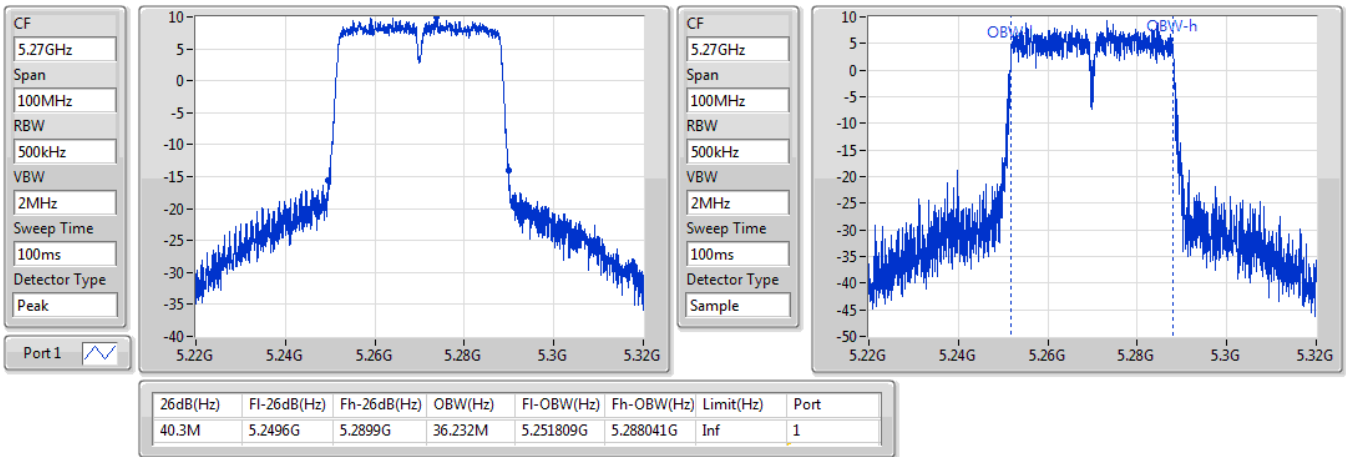

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

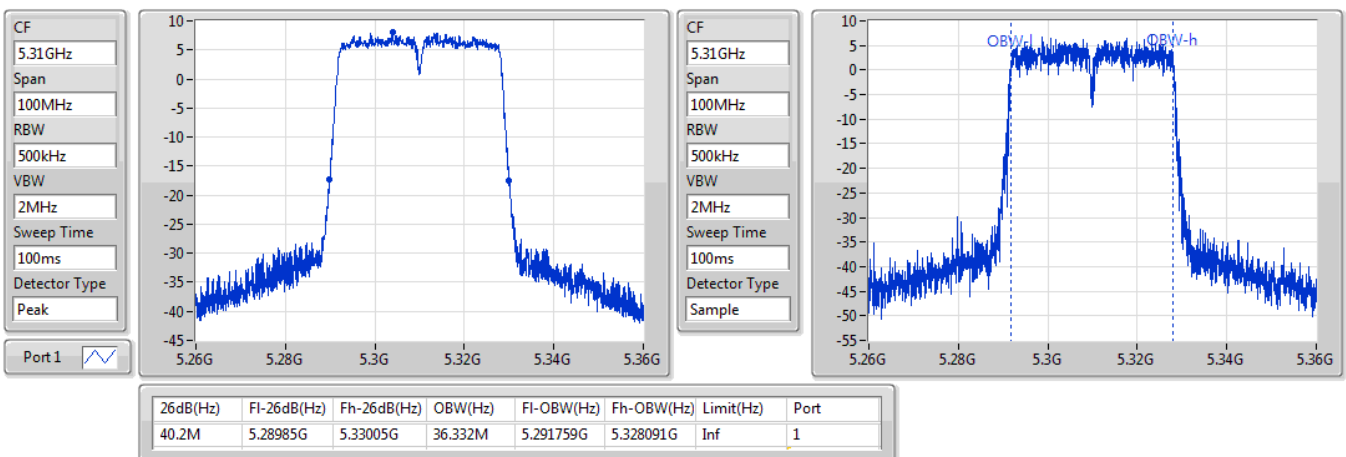


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

11/11/2019

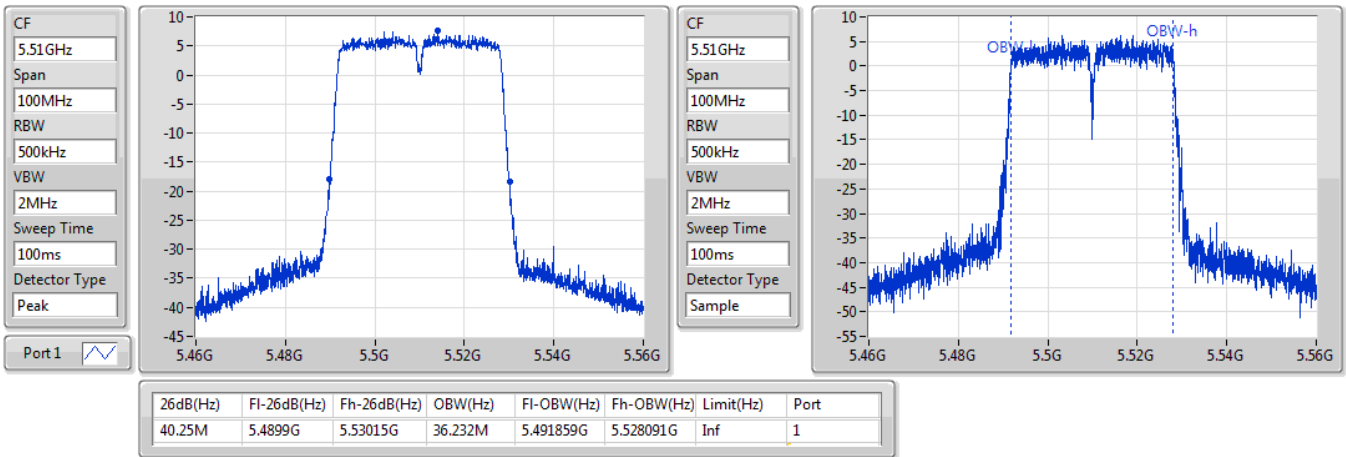

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

11/11/2019

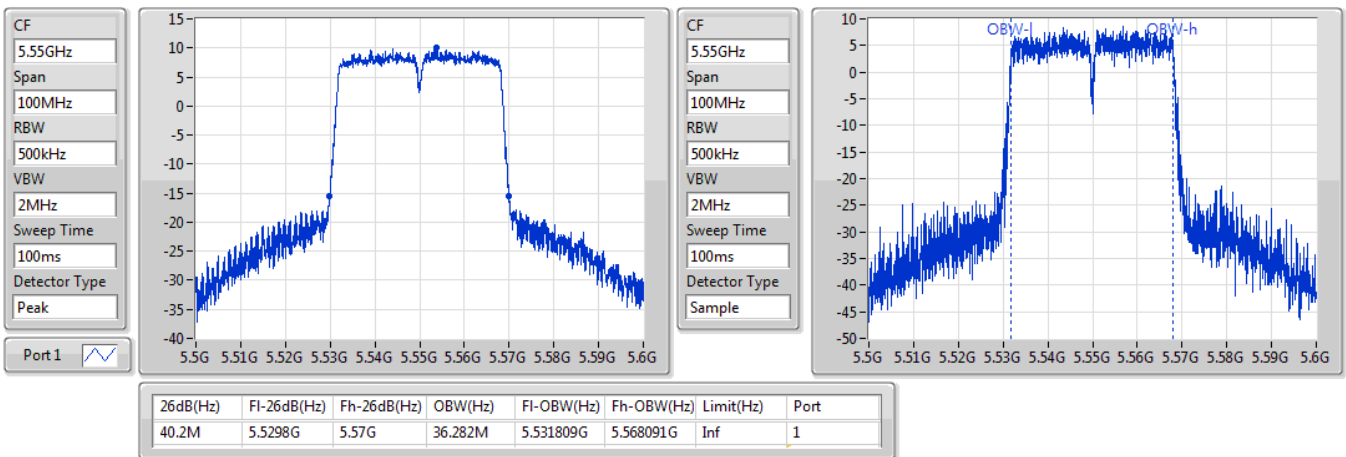


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

11/11/2019

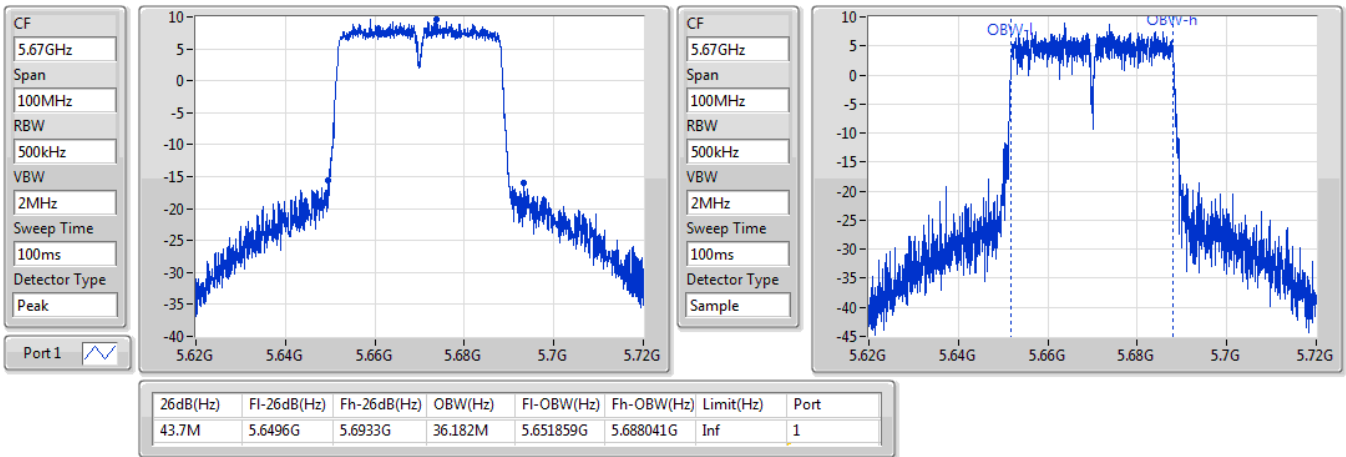

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

11/11/2019

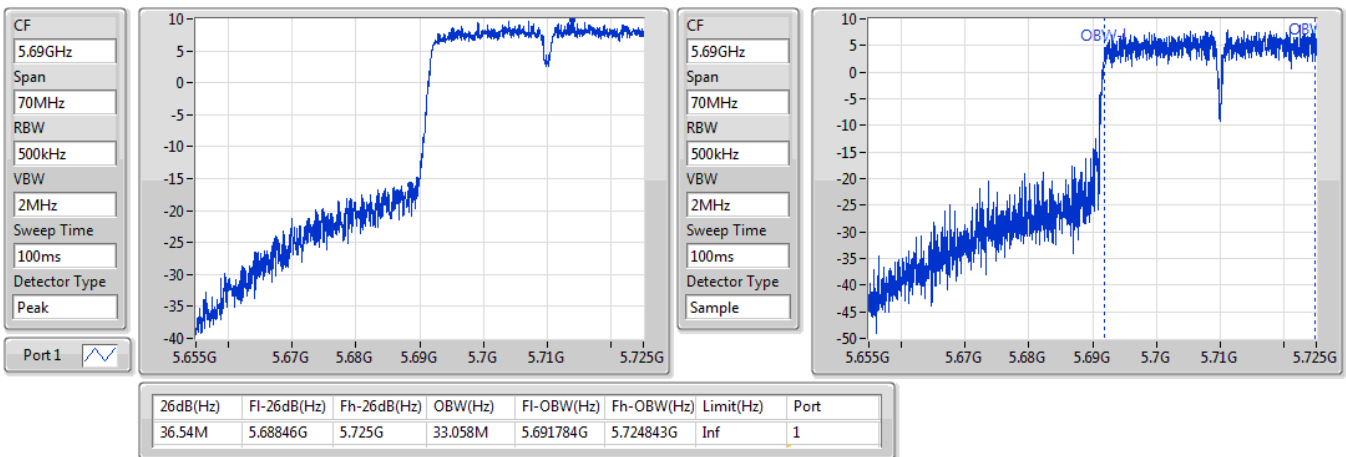


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

11/11/2019

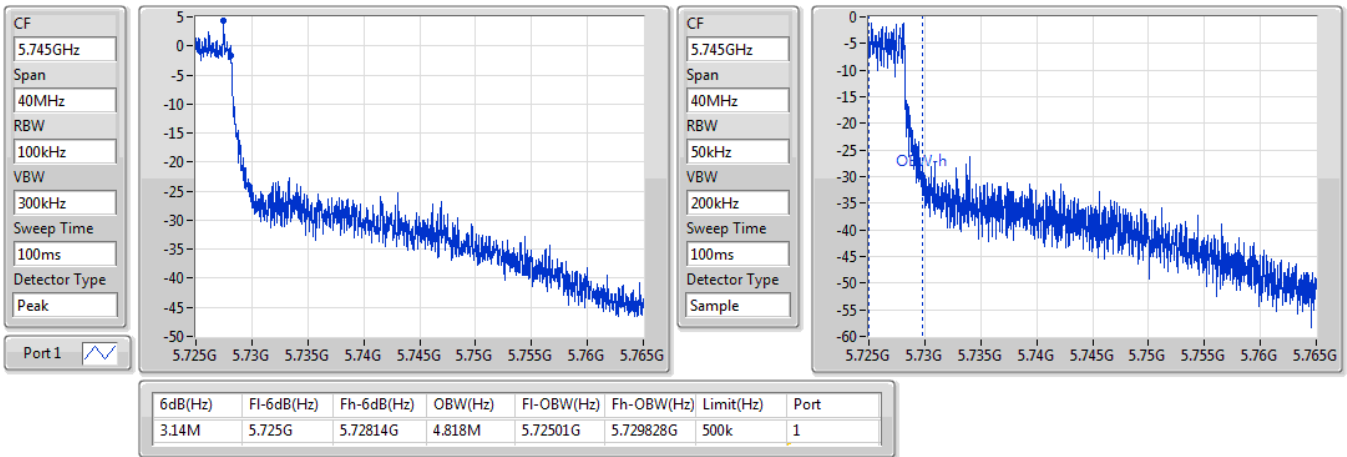

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

11/11/2019

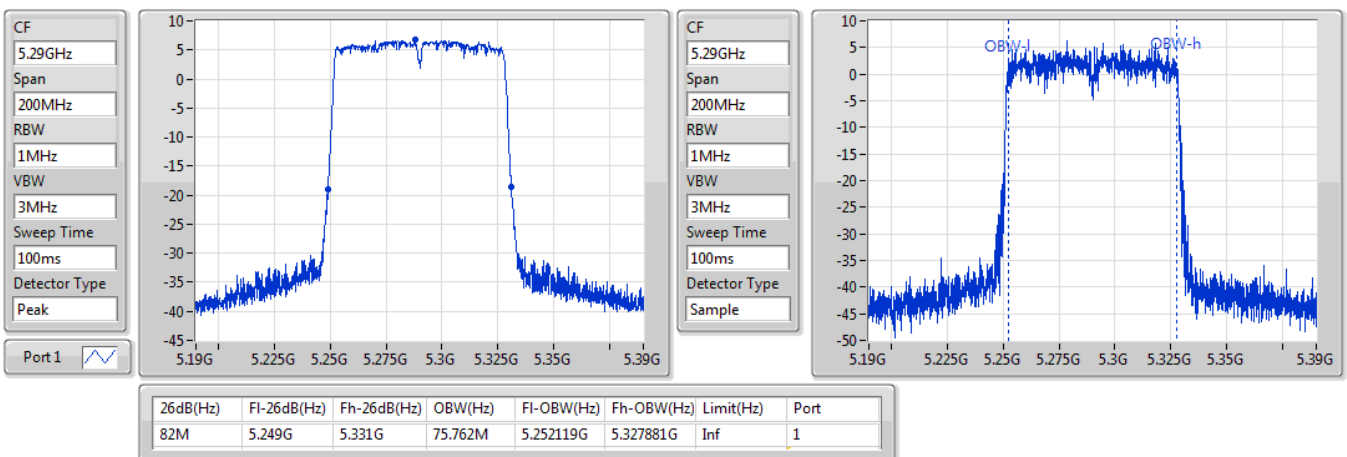


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

11/11/2019

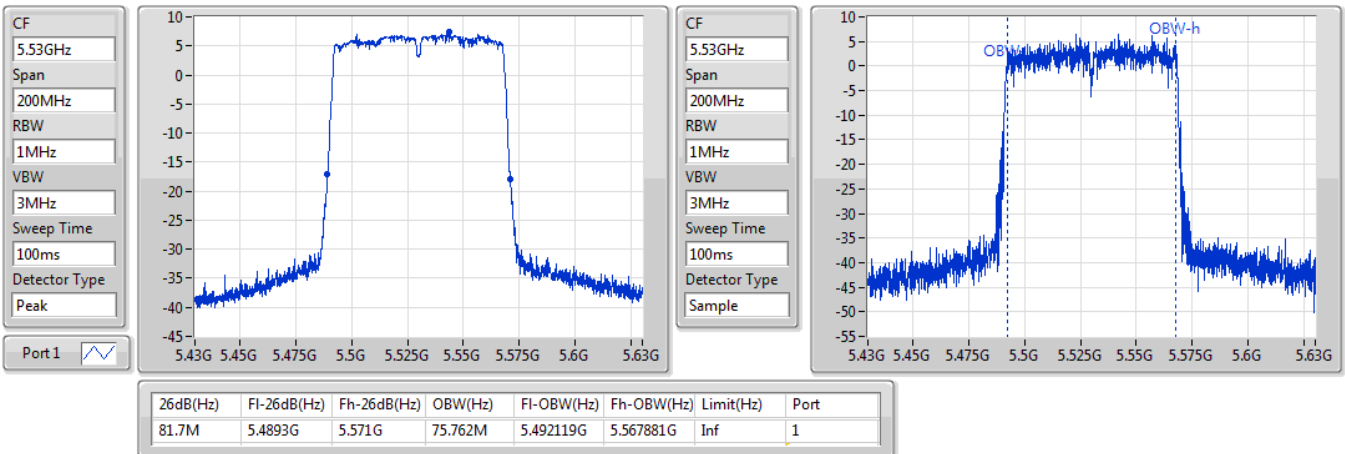

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

11/11/2019

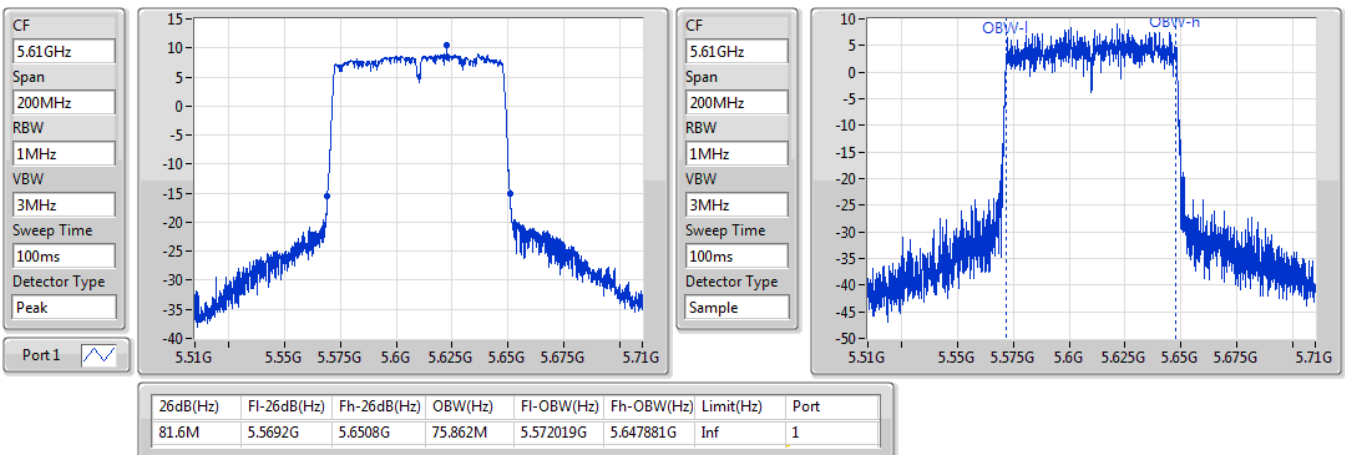


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

11/11/2019

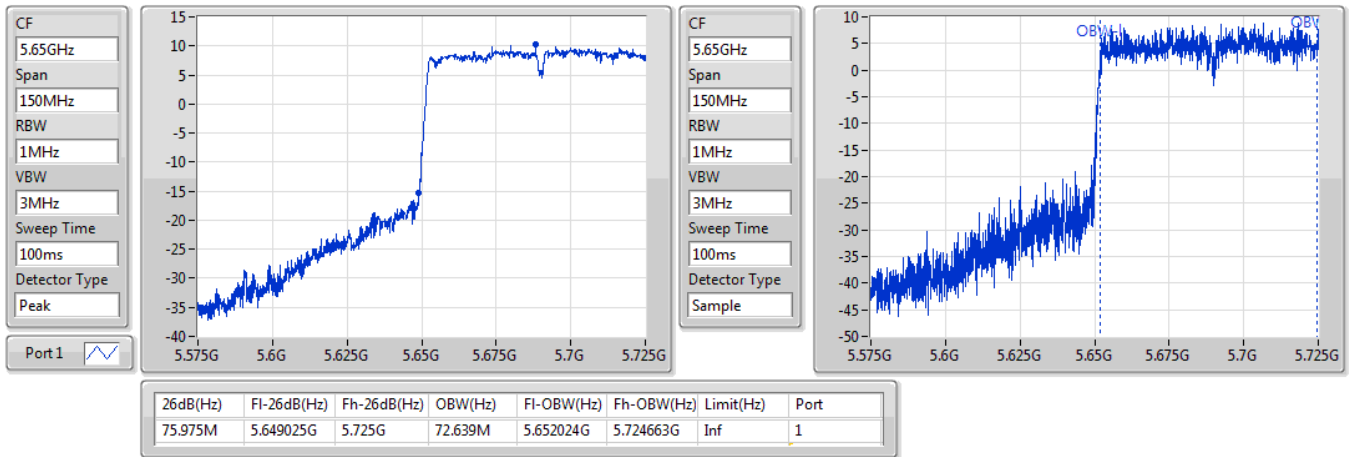

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

11/11/2019

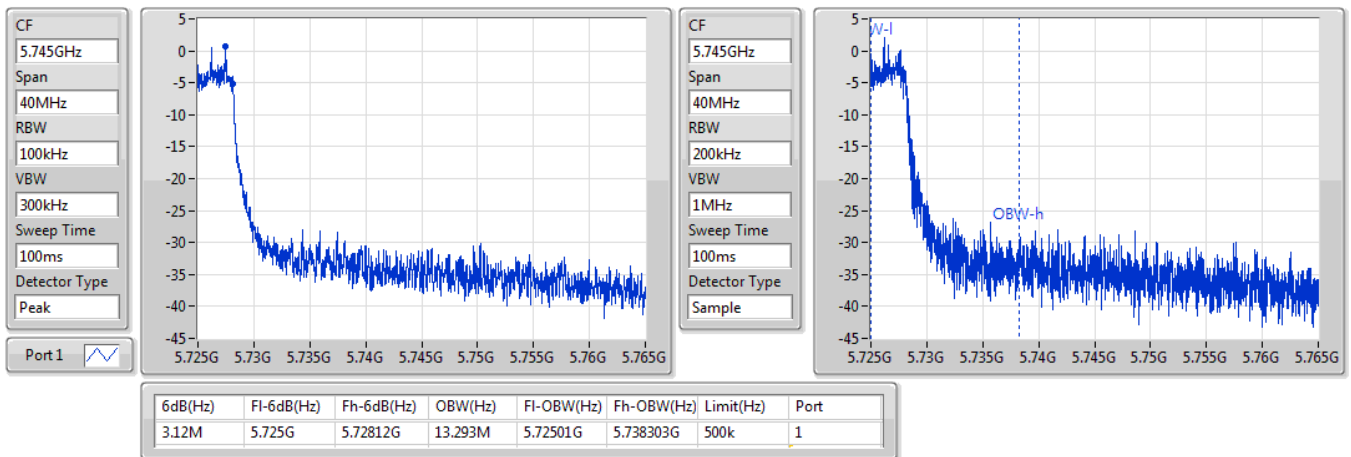


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

11/11/2019

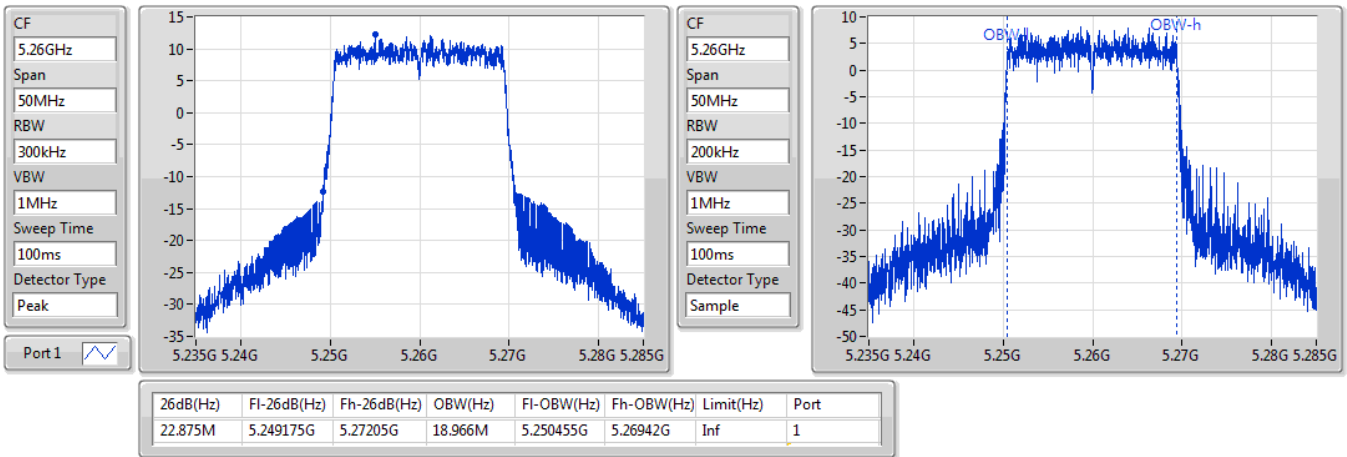

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

11/11/2019

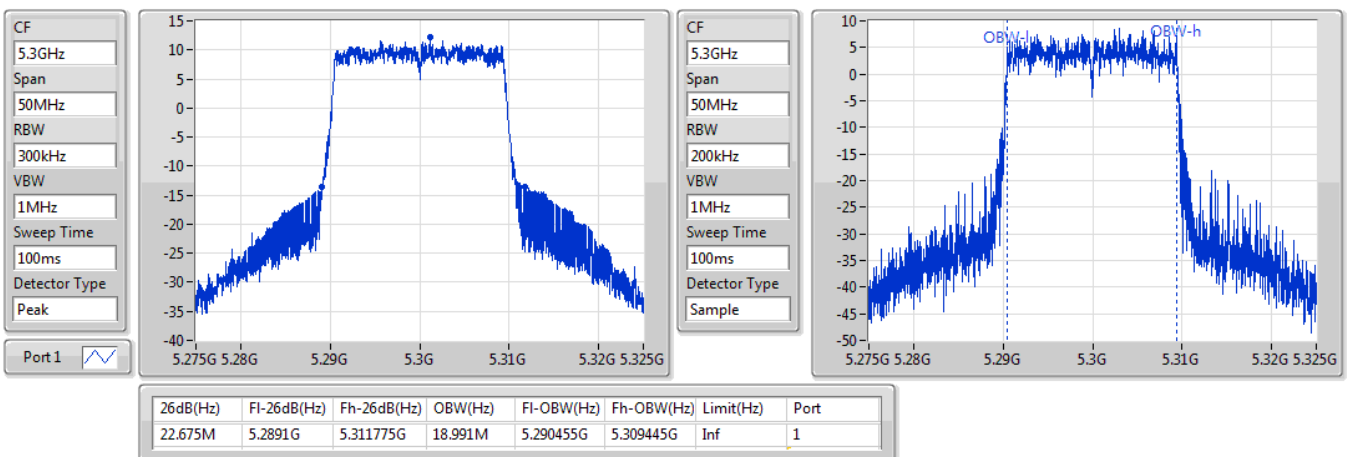


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

11/11/2019

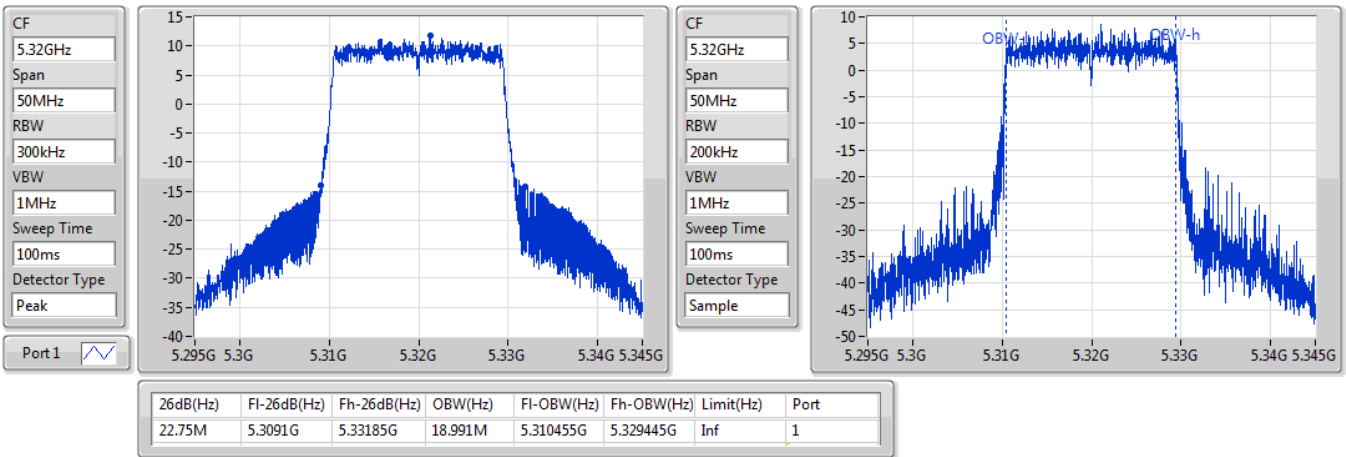

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

11/11/2019

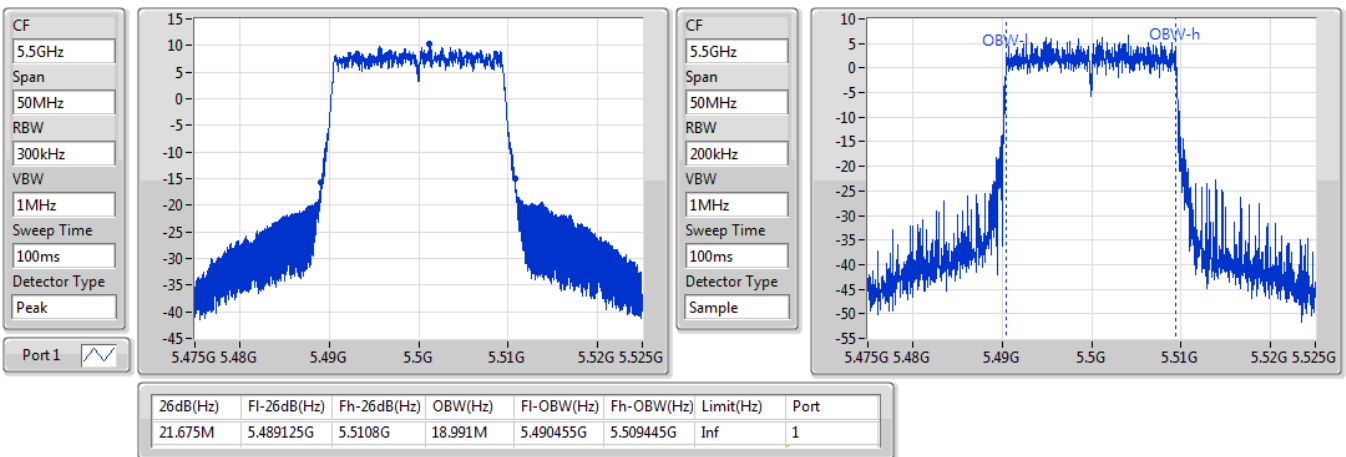


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

11/11/2019

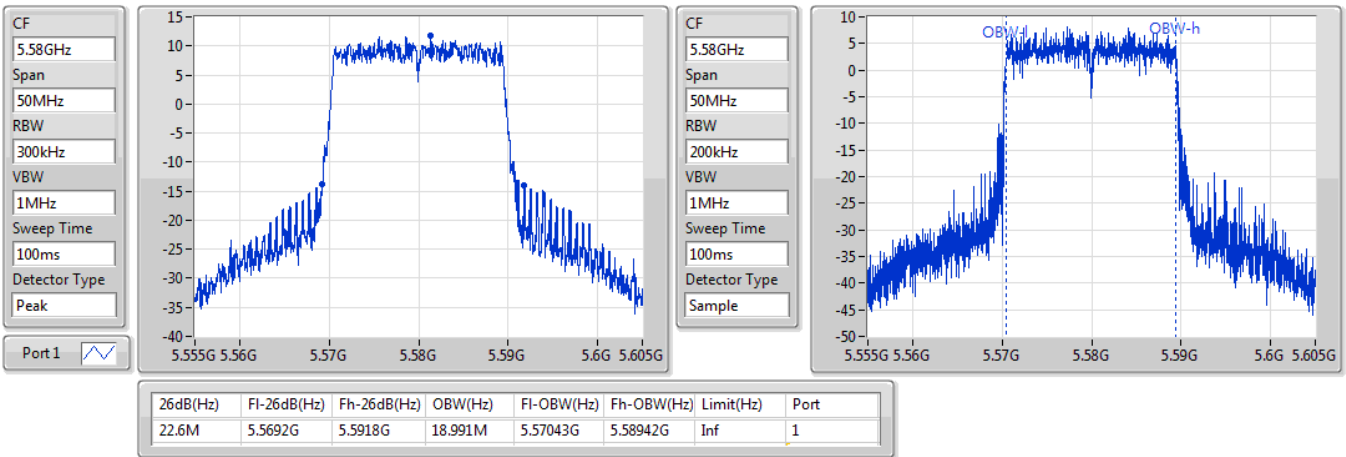

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

11/11/2019

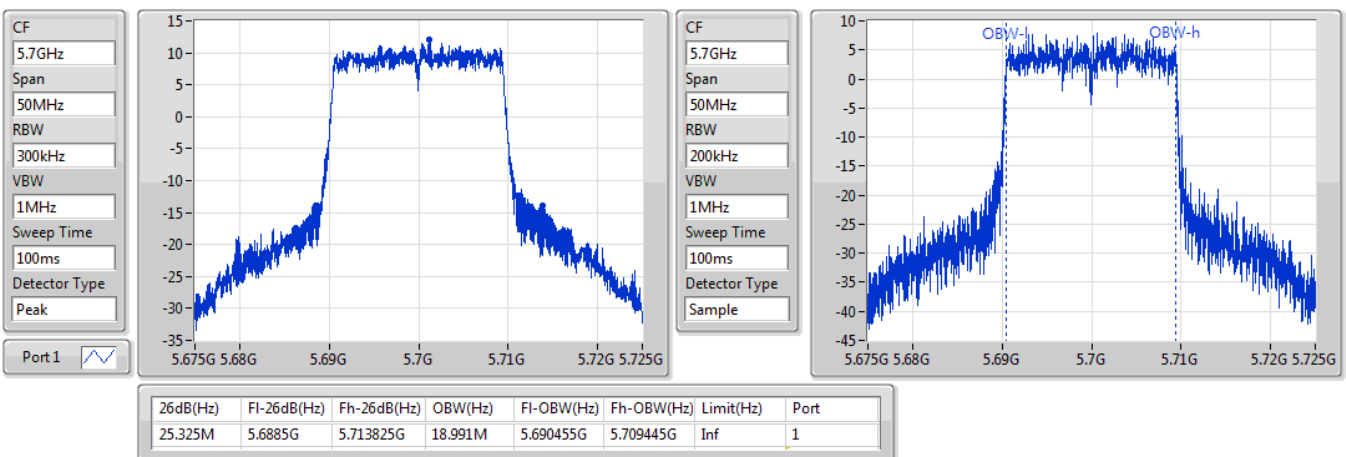


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

11/11/2019

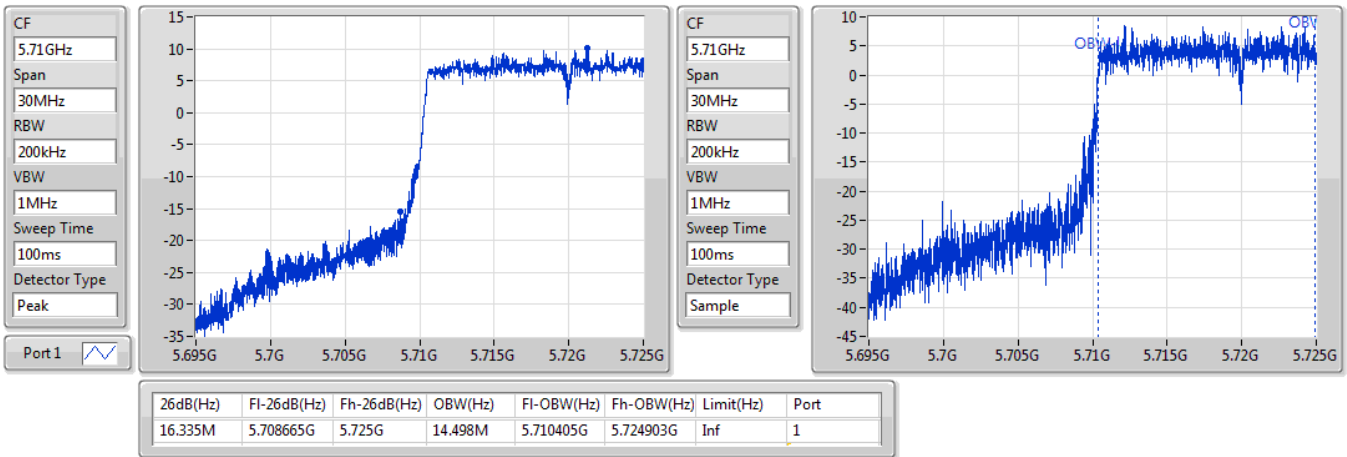

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

11/11/2019

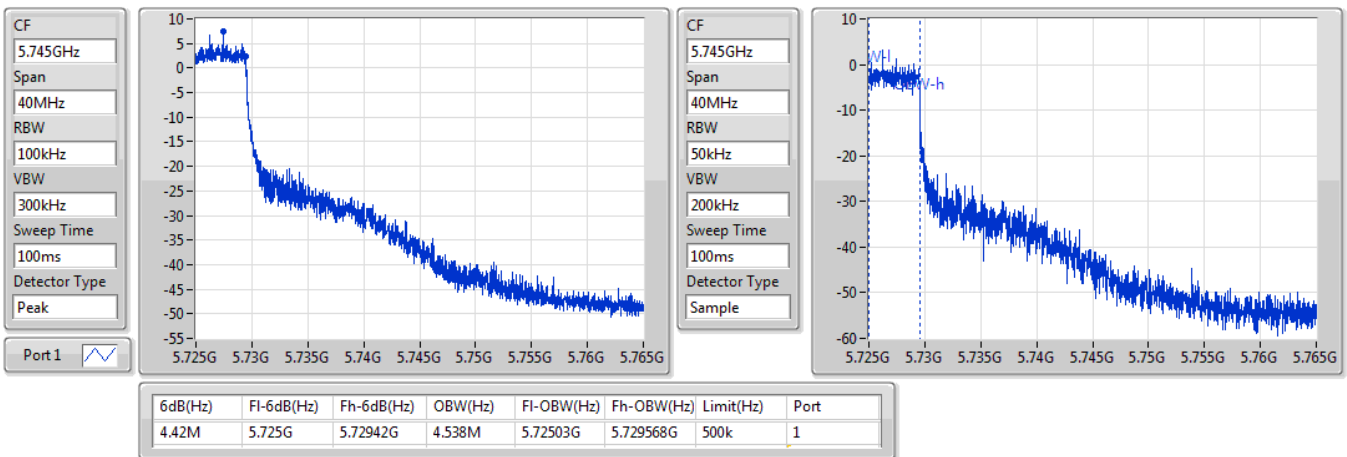


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

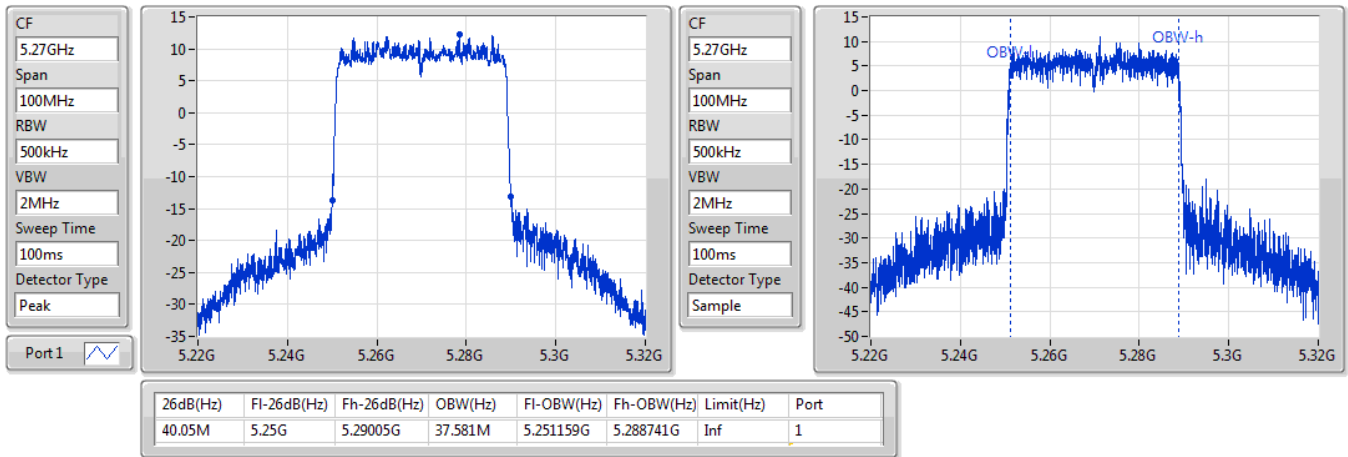

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

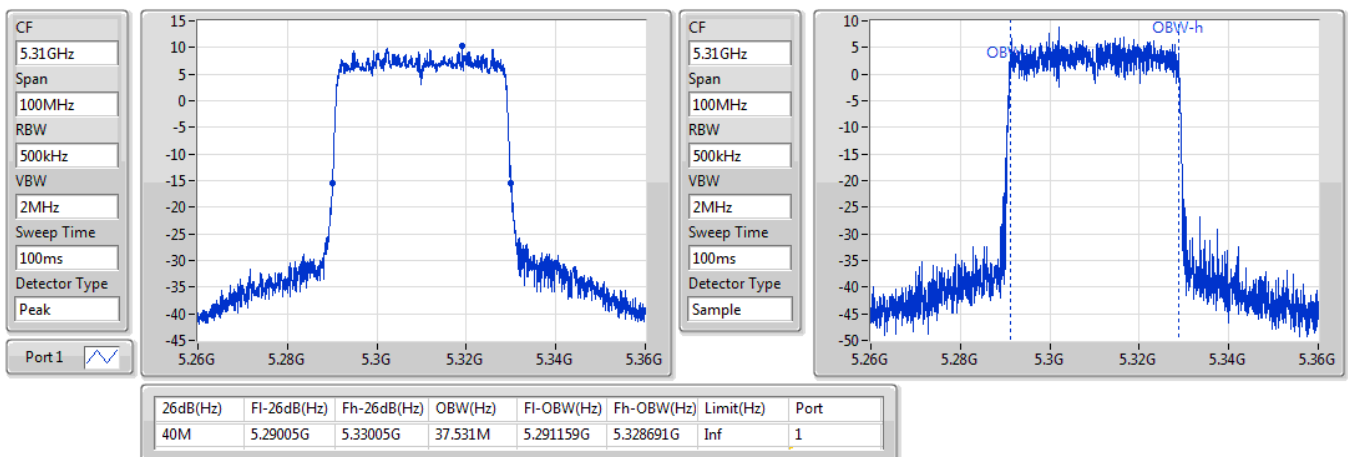


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

11/11/2019

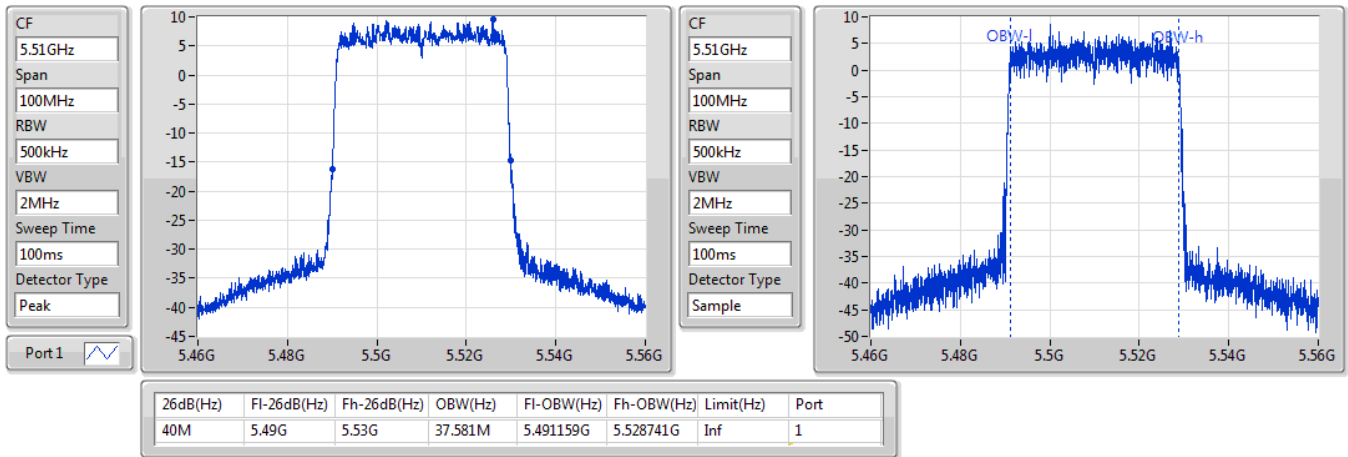

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

11/11/2019

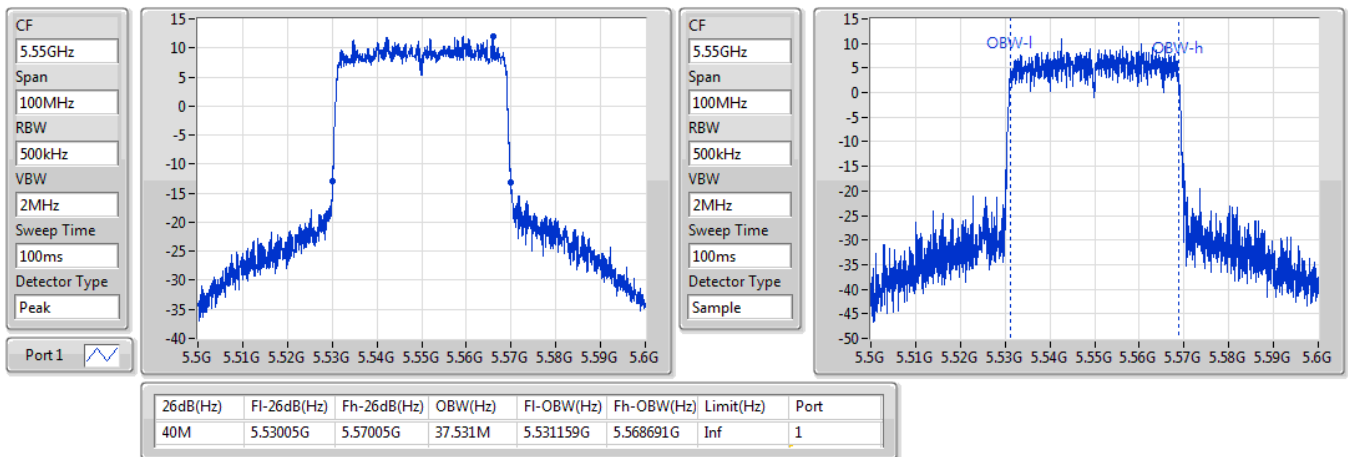


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

11/11/2019

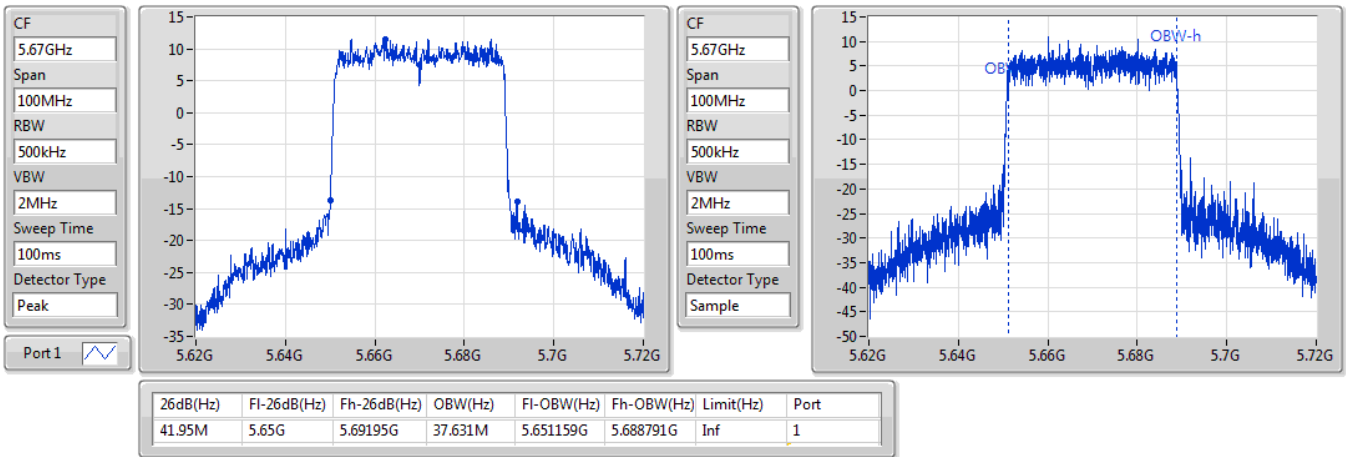

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

11/11/2019

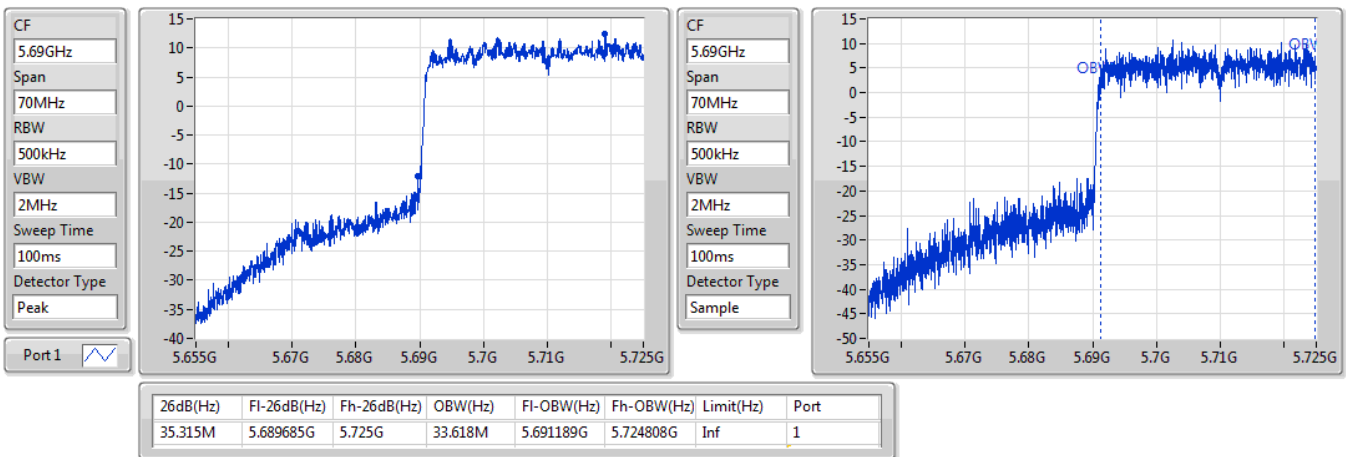


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

11/11/2019

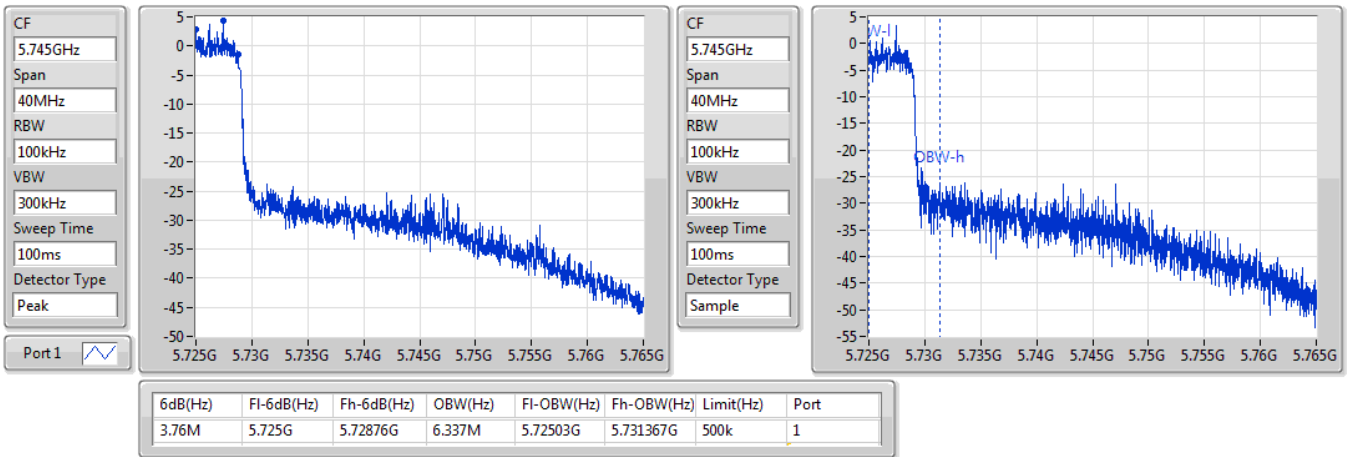

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

11/11/2019

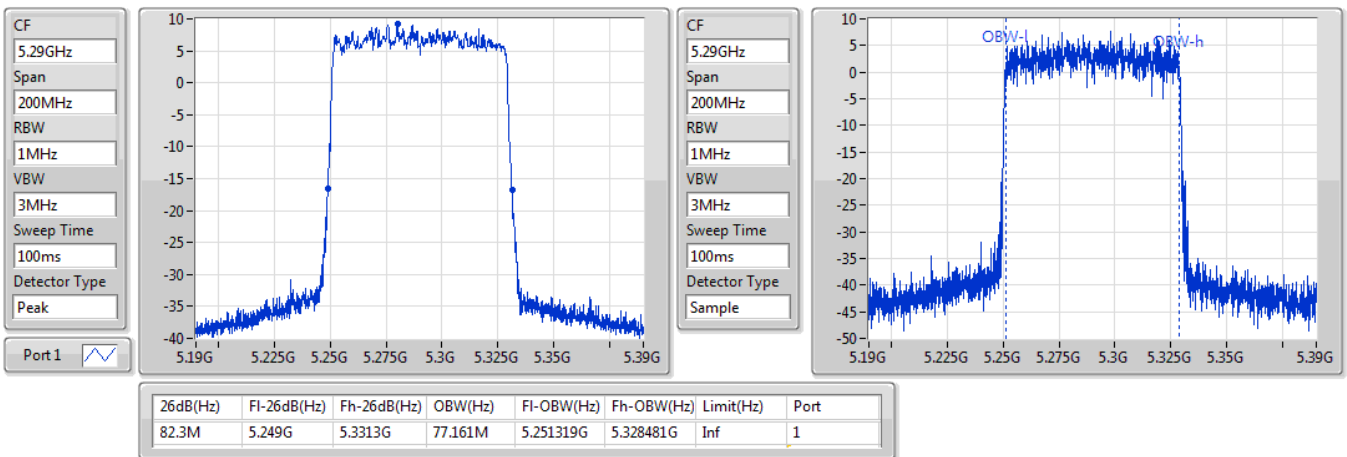


**802.11ax HEW40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

11/11/2019

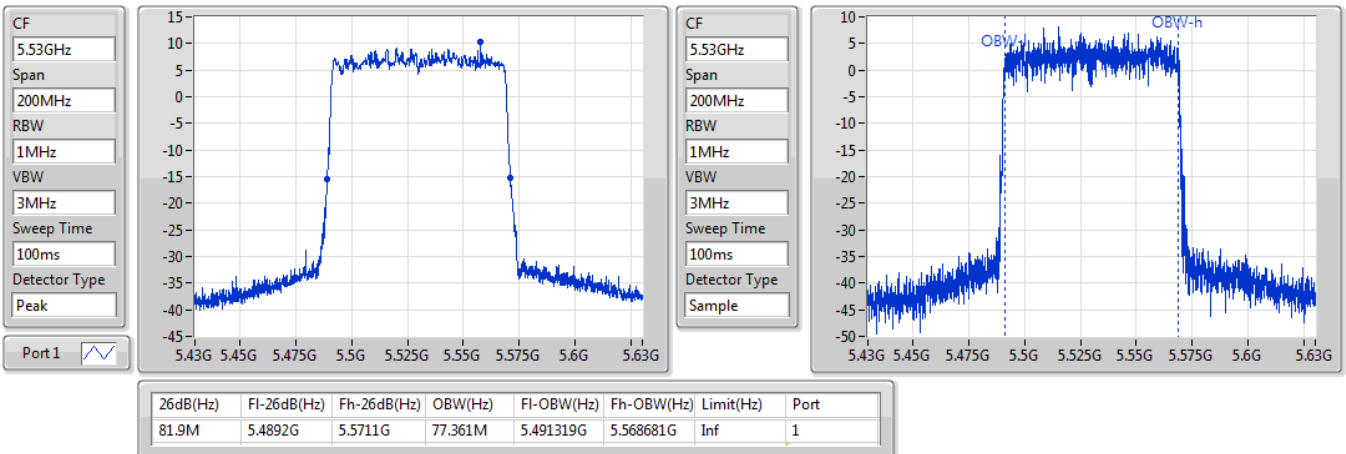

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

11/11/2019

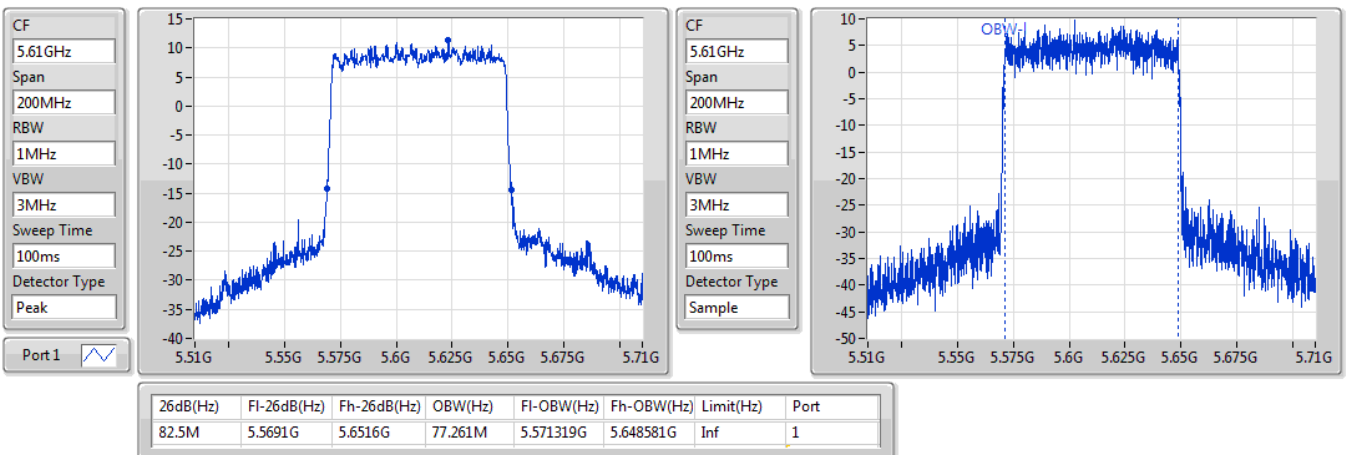


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

11/11/2019

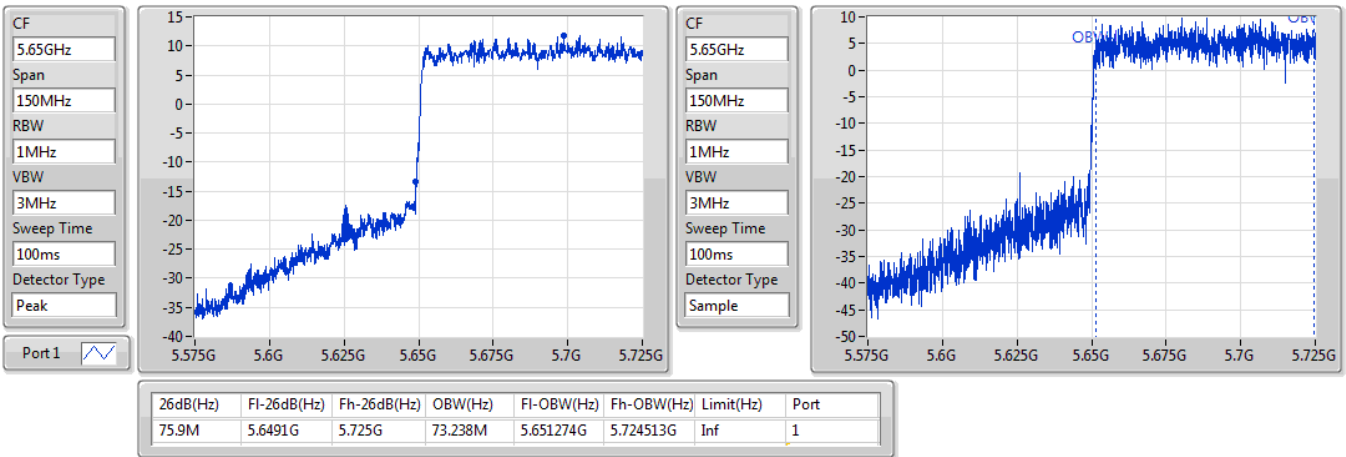

**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5610MHz**

11/11/2019

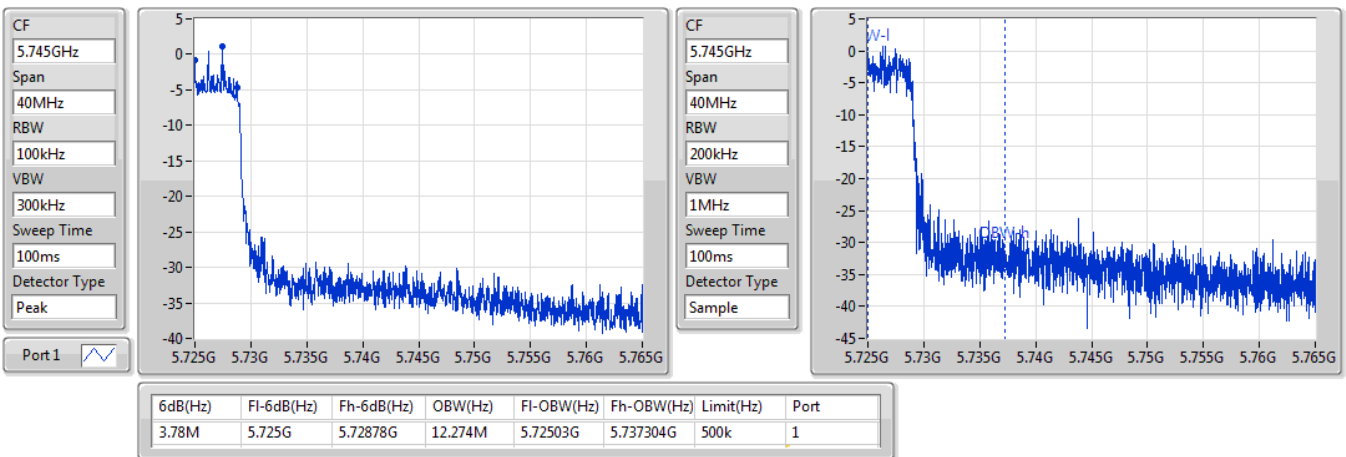


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

11/11/2019


**802.11ax HEW80\_Nss1,(MCS0)\_1TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

11/11/2019





**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       | 21.63M           | 16.612M         | 16M6D1D  | 21.3M            | 16.552M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.96M           | 17.781M         | 17M8D1D  | 21.57M           | 17.721M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 40.08M           | 36.342M         | 36M3D1D  | 39.84M           | 36.222M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 81.84M           | 75.922M         | 75M9D1D  | 81.84M           | 75.802M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.96M           | 19.04M          | 19M0D1D  | 21.45M           | 18.981M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.08M           | 37.541M         | 37M5D1D  | 39.72M           | 37.541M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.36M           | 77.121M         | 77M1D1D  | 81.24M           | 77.121M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.6M            | 16.642M         | 16M6D1D  | 15.525M          | 13.328M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 22.05M           | 17.781M         | 17M8D1D  | 15.72M           | 13.928M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 40.2M            | 36.342M         | 36M3D1D  | 34.895M          | 33.023M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 81.96M           | 75.802M         | 75M8D1D  | 75.9M            | 72.564M         |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.87M           | 19.01M          | 19M0D1D  | 15.555M          | 14.528M         |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 40.02M           | 37.721M         | 37M7D1D  | 34.93M           | 33.618M         |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 81.48M           | 77.001M         | 77M0D1D  | 75.45M           | 73.238M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 3.12M            | 4.178M          | 4M18D1D  | 3.12M            | 4.118M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 3.76M            | 4.318M          | 4M32D1D  | 3.72M            | 4.298M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 3.12M            | 3.718M          | 3M72D1D  | 3.12M            | 3.698M          |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 3.1M             | 6.517M          | 6M52D1D  | 3.1M             | 6.497M          |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 4.44M            | 4.518M          | 4M52D1D  | 4.44M            | 4.498M          |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 3.76M            | 4.018M          | 4M02D1D  | 3.66M            | 4.018M          |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 3.64M            | 5.197M          | 5M20D1D  | 3.62M            | 4.738M          |

**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                        | Pass   | Inf           | 21.63M              | 16.612M            | 21.36M              | 16.552M            |
| 5300MHz                        | Pass   | Inf           | 21.51M              | 16.612M            | 21.33M              | 16.582M            |
| 5320MHz                        | Pass   | Inf           | 21.51M              | 16.612M            | 21.3M               | 16.582M            |
| 5500MHz                        | Pass   | Inf           | 21.6M               | 16.612M            | 21.3M               | 16.642M            |
| 5580MHz                        | Pass   | Inf           | 21.54M              | 16.612M            | 21.39M              | 16.582M            |
| 5700MHz                        | Pass   | Inf           | 21.54M              | 16.612M            | 21.42M              | 16.642M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.63M              | 13.328M            | 15.525M             | 13.343M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 4.118M             | 3.12M               | 4.178M             |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.9M               | 17.781M            | 21.6M               | 17.721M            |
| 5300MHz                        | Pass   | Inf           | 21.96M              | 17.781M            | 21.63M              | 17.721M            |
| 5320MHz                        | Pass   | Inf           | 21.93M              | 17.781M            | 21.57M              | 17.751M            |
| 5500MHz                        | Pass   | Inf           | 22.02M              | 17.781M            | 21.69M              | 17.751M            |
| 5580MHz                        | Pass   | Inf           | 22.05M              | 17.751M            | 21.66M              | 17.751M            |
| 5700MHz                        | Pass   | Inf           | 21.9M               | 17.781M            | 21.66M              | 17.751M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.81M              | 13.928M            | 15.72M              | 13.958M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.72M               | 4.298M             | 3.76M               | 4.318M             |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 40.08M              | 36.282M            | 40.02M              | 36.342M            |
| 5310MHz                        | Pass   | Inf           | 40.02M              | 36.222M            | 39.84M              | 36.282M            |
| 5510MHz                        | Pass   | Inf           | 39.84M              | 36.282M            | 40.08M              | 36.282M            |
| 5550MHz                        | Pass   | Inf           | 39.84M              | 36.222M            | 40.2M               | 36.282M            |
| 5670MHz                        | Pass   | Inf           | 39.96M              | 36.222M            | 39.9M               | 36.342M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 34.895M             | 33.023M            | 35.07M              | 33.023M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 3.698M             | 3.12M               | 3.718M             |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.84M              | 75.802M            | 81.84M              | 75.922M            |
| 5530MHz                        | Pass   | Inf           | 81.72M              | 75.682M            | 81.84M              | 75.802M            |
| 5610MHz                        | Pass   | Inf           | 81.84M              | 75.802M            | 81.96M              | 75.802M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.9M               | 72.564M            | 76.125M             | 72.564M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.1M                | 6.497M             | 3.1M                | 6.517M             |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 21.87M              | 19.04M             | 21.48M              | 18.981M            |
| 5300MHz                        | Pass   | Inf           | 21.78M              | 18.981M            | 21.51M              | 18.981M            |
| 5320MHz                        | Pass   | Inf           | 21.96M              | 18.981M            | 21.45M              | 18.981M            |
| 5500MHz                        | Pass   | Inf           | 21.87M              | 19.01M             | 21.51M              | 18.951M            |
| 5580MHz                        | Pass   | Inf           | 21.84M              | 18.981M            | 21.48M              | 18.951M            |
| 5700MHz                        | Pass   | Inf           | 21.66M              | 18.981M            | 21.54M              | 18.951M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.915M             | 14.543M            | 15.555M             | 14.528M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.44M               | 4.498M             | 4.44M               | 4.518M             |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 40.08M              | 37.541M            | 39.96M              | 37.541M            |
| 5310MHz                        | Pass   | Inf           | 40.02M              | 37.541M            | 39.72M              | 37.541M            |

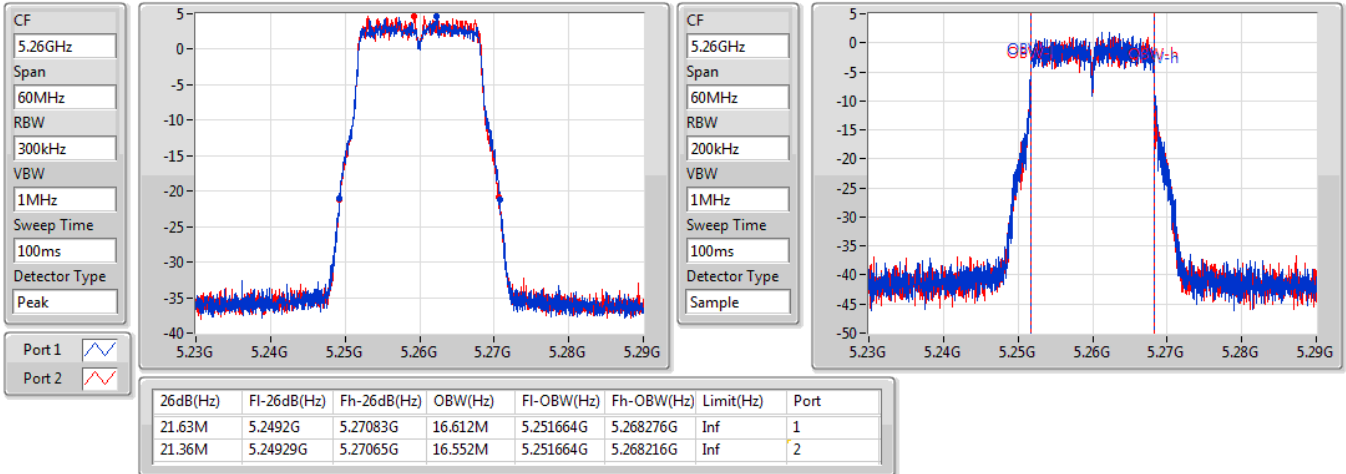
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5510MHz                        | Pass   | Inf           | 40.02M              | 37.721M            | 39.78M              | 37.601M            |
| 5550MHz                        | Pass   | Inf           | 39.84M              | 37.541M            | 39.9M               | 37.661M            |
| 5670MHz                        | Pass   | Inf           | 39.96M              | 37.541M            | 39.84M              | 37.601M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 35.035M             | 33.793M            | 34.93M              | 33.618M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.66M               | 4.018M             | 3.76M               | 4.018M             |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 81.36M              | 77.121M            | 81.24M              | 77.121M            |
| 5530MHz                        | Pass   | Inf           | 81.48M              | 76.882M            | 81.24M              | 77.001M            |
| 5610MHz                        | Pass   | Inf           | 81.48M              | 76.882M            | 81.12M              | 76.882M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.45M              | 73.238M            | 75.6M               | 73.388M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.62M               | 4.738M             | 3.64M               | 5.197M             |

**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**

11/11/2019


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

11/11/2019

