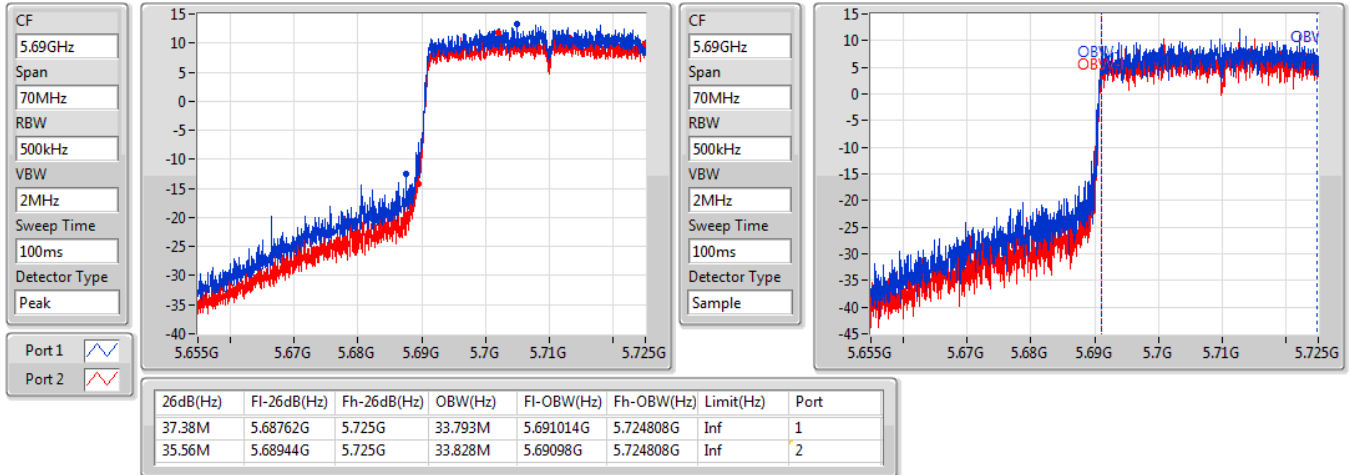
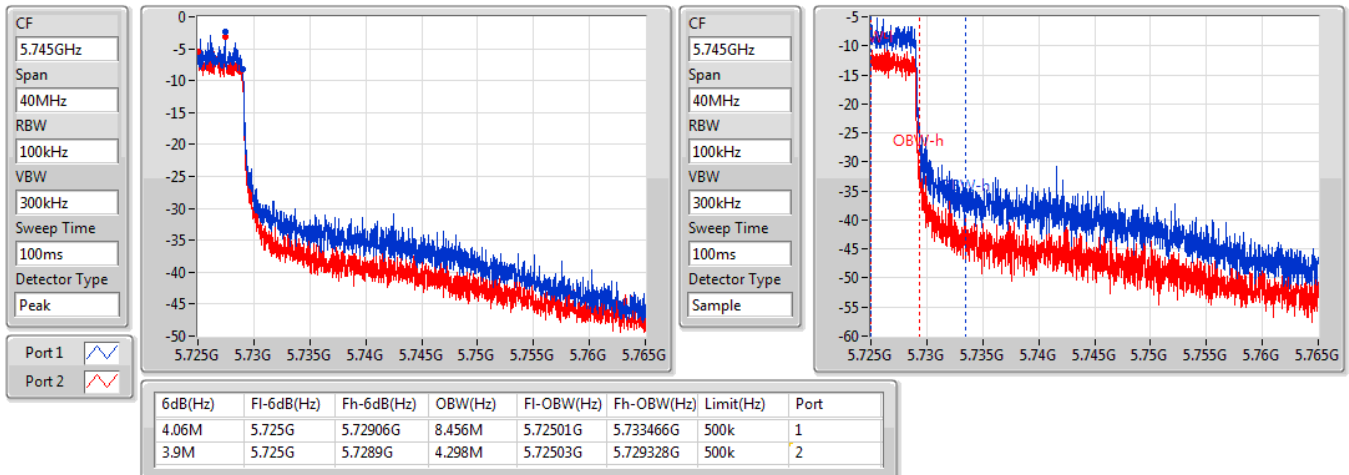


**802.11ax HEW40\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

04/07/2019

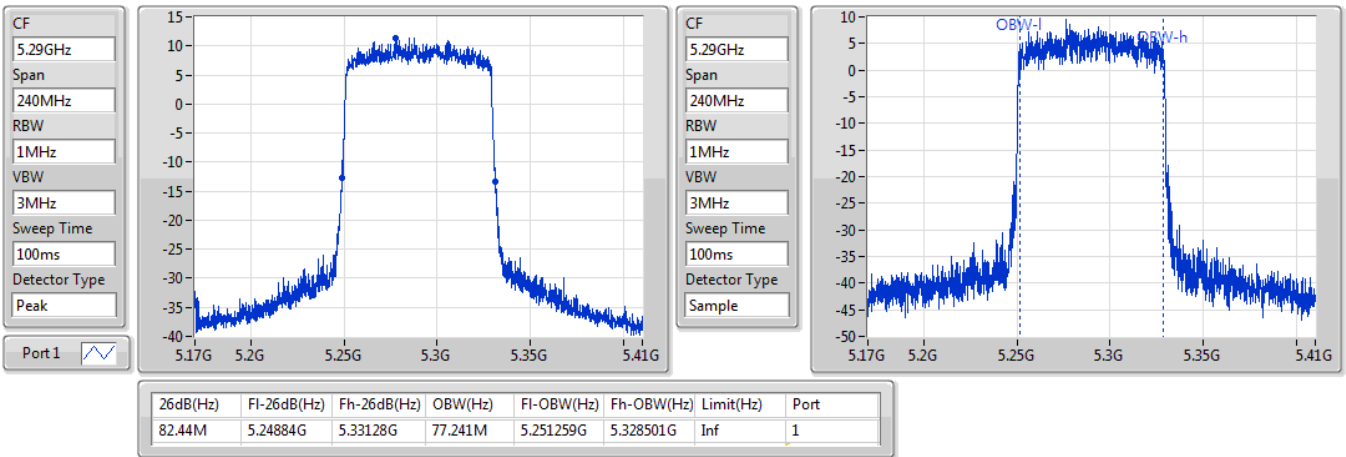

**802.11ax HEW40\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

04/07/2019

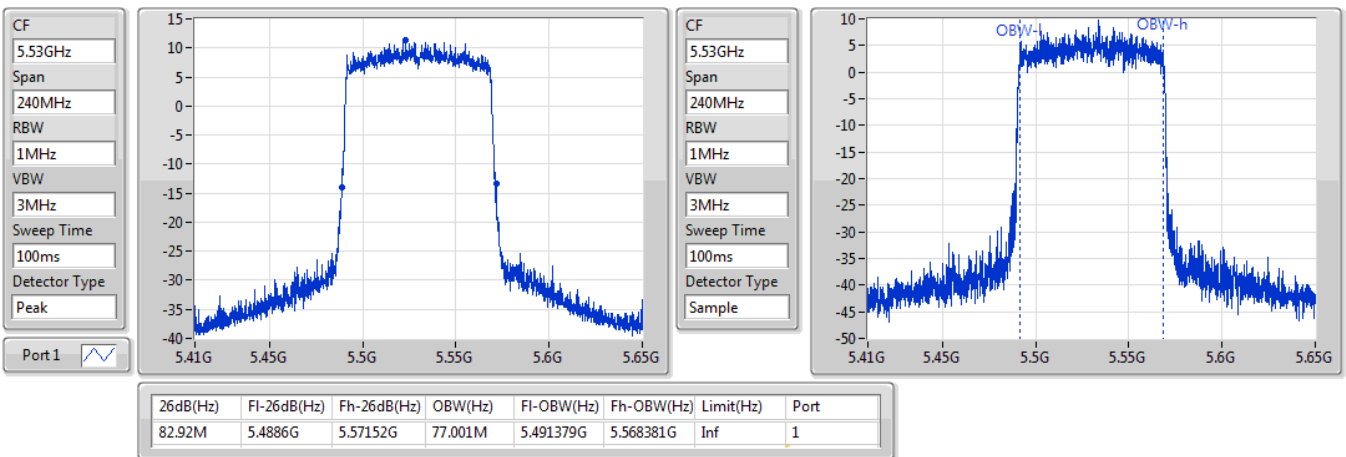


**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)**
**EBW**
**5290MHz**

04/07/2019

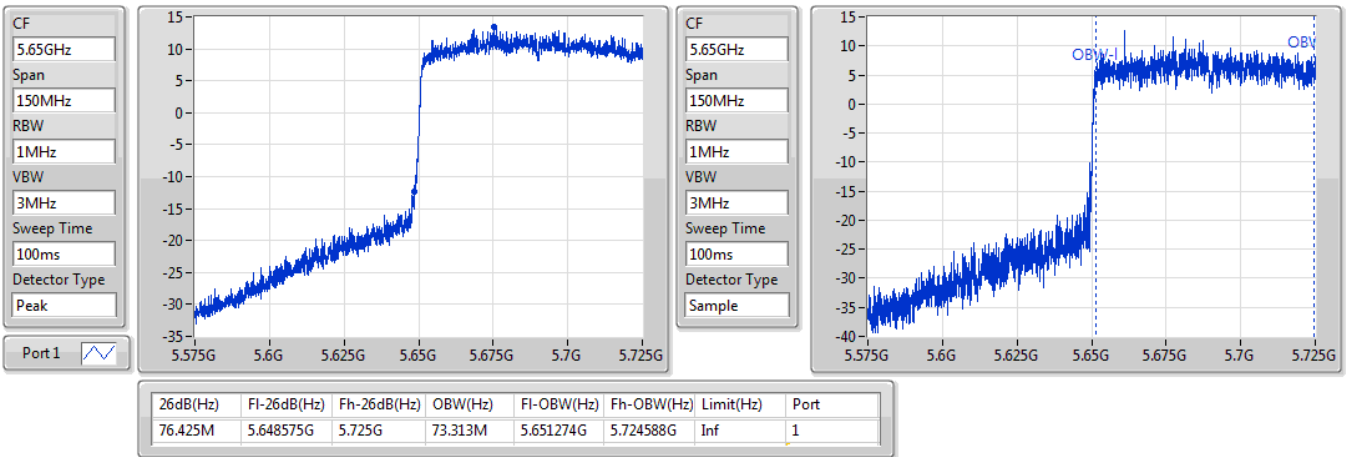

**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)**
**EBW**
**5530MHz**

04/07/2019

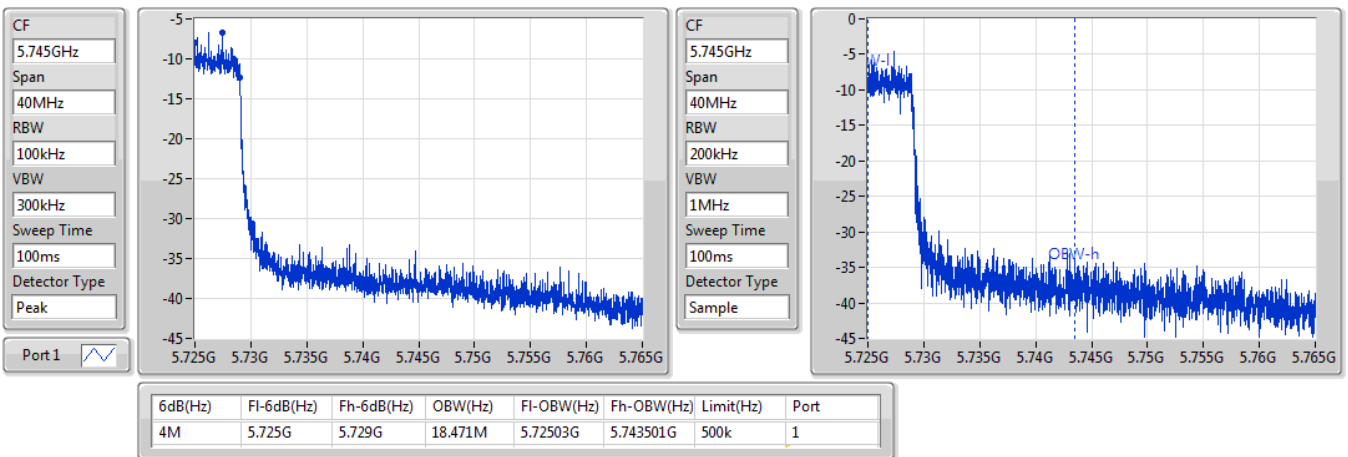


**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

04/07/2019

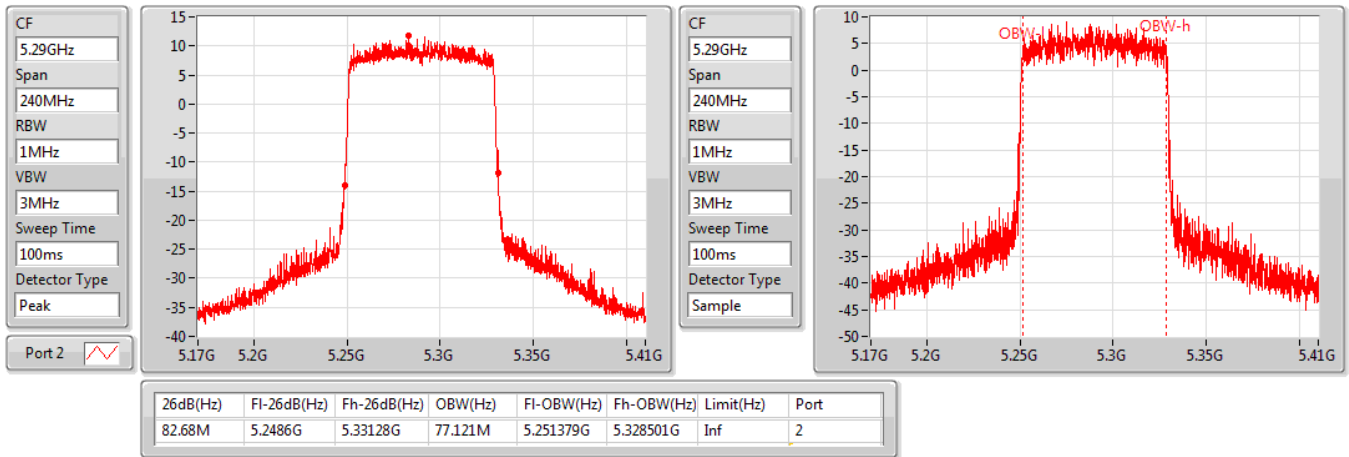

**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

04/07/2019

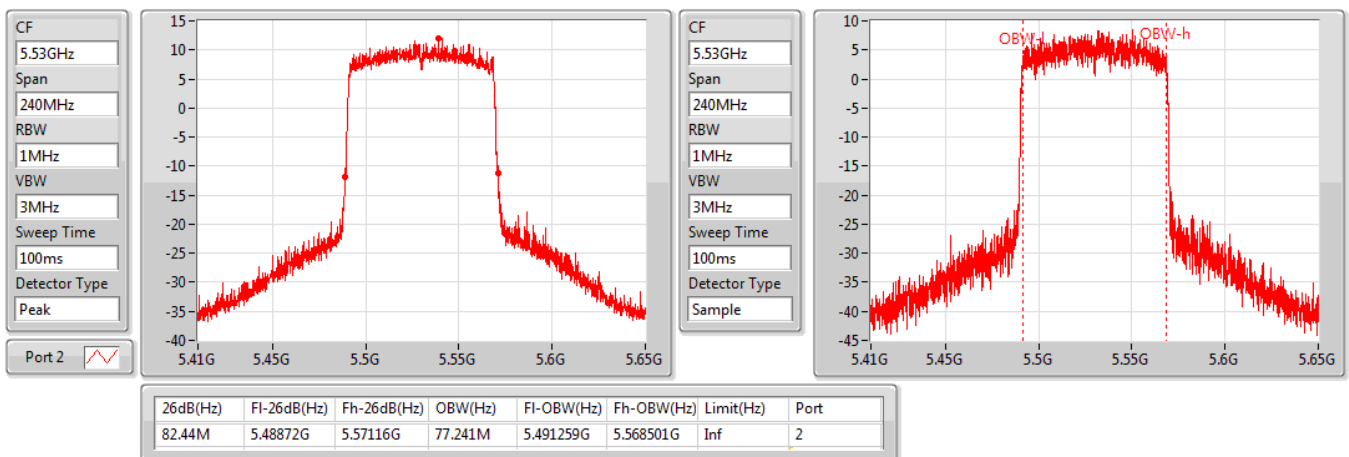


**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)**
**EBW**
**5290MHz**

04/07/2019

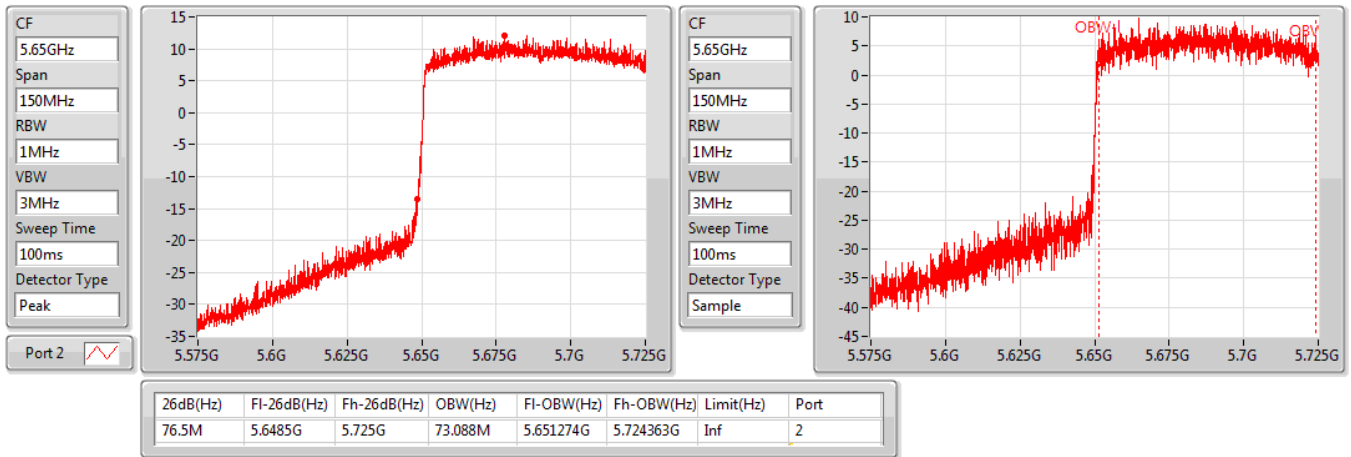

**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)**
**EBW**
**5530MHz**

04/07/2019

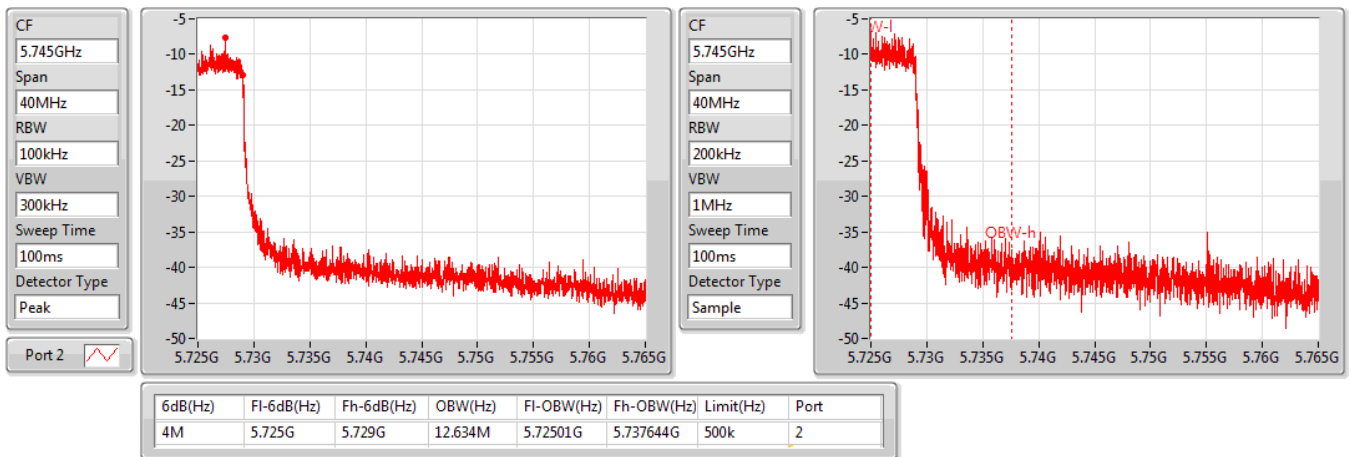


**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

04/07/2019

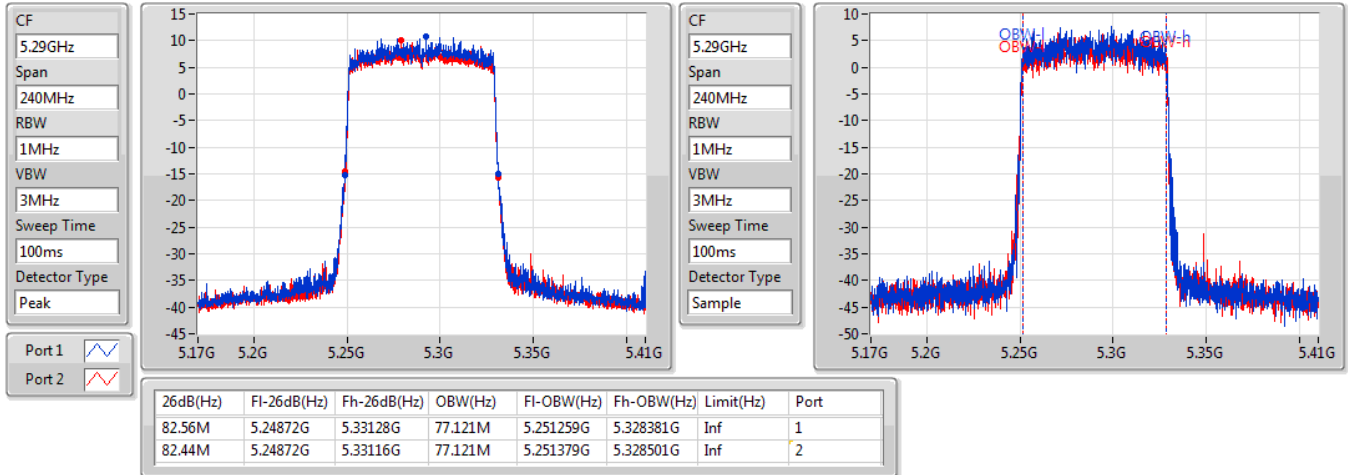

**802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

04/07/2019

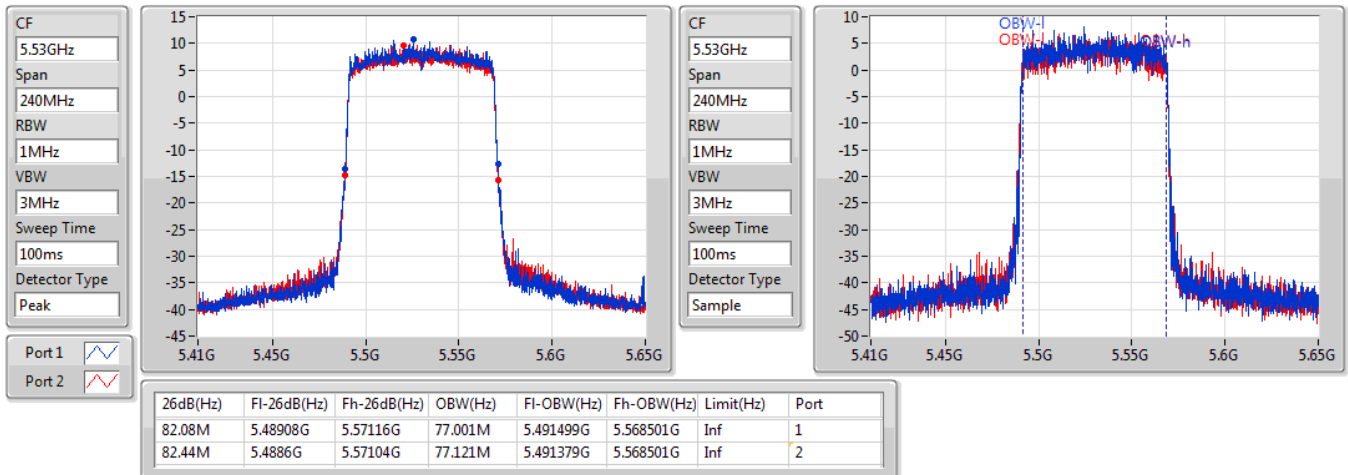


**802.11ax HEW80\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

04/07/2019

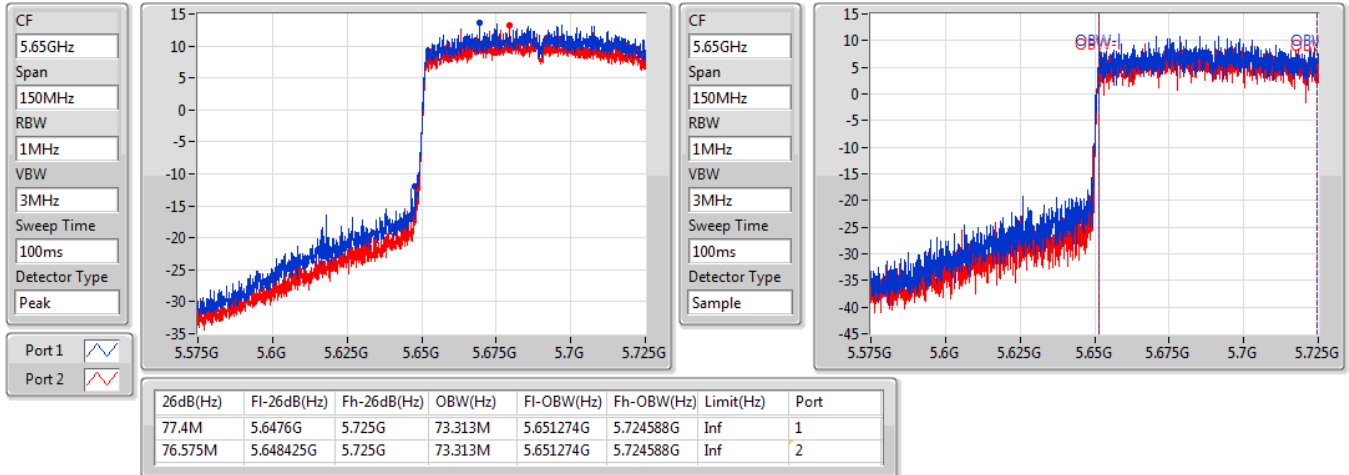

**802.11ax HEW80\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

04/07/2019

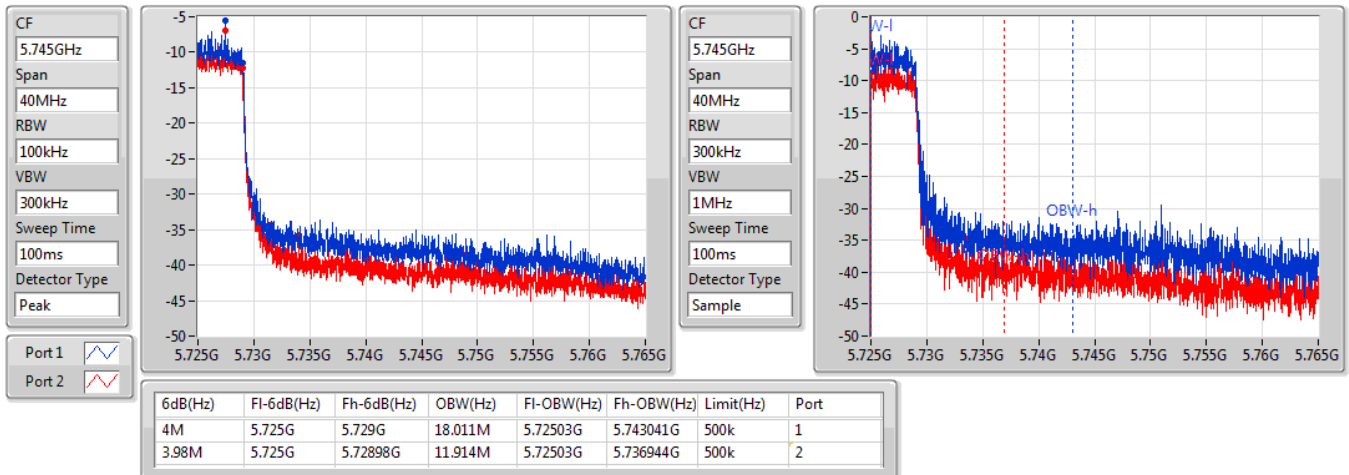


**802.11ax HEW80\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

04/07/2019


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

04/07/2019



**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 | 20.85M           | 17.631M         | 17M6D1D  | 20.55M           | 17.571M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.5M            | 36.162M         | 36M2D1D  | 39.42M           | 36.042M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 80.52M           | 75.442M         | 75M4D1D  | 80.04M           | 75.442M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.79M           | 17.661M         | 17M7D1D  | 20.13M           | 17.571M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 39.42M           | 36.102M         | 36M1D1D  | 39M              | 36.042M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 81.96M           | 75.562M         | 75M6D1D  | 81.24M           | 75.322M         |
| 5.47-5.725GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.09M           | 17.601M         | 17M6D1D  | 15M              | 13.748M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 41.46M           | 36.162M         | 36M2D1D  | 35.105M          | 32.919M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 80.16M           | 75.442M         | 75M4D1D  | 74.925M          | 72.189M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.91M           | 17.601M         | 17M6D1D  | 15.135M          | 13.778M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.2M            | 36.162M         | 36M2D1D  | 34.51M           | 32.814M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.2M            | 75.682M         | 75M7D1D  | 75.825M          | 72.339M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 3.76M            | 3.918M          | 3M92D1D  | 3.76M            | 3.918M          |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 3.2M             | 3.478M          | 3M48D1D  | 3.18M            | 3.478M          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 3.2M             | 3.578M          | 3M58D1D  | 3.18M            | 3.538M          |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 3.76M            | 3.918M          | 3M92D1D  | 3.74M            | 3.878M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 3.2M             | 3.418M          | 3M42D1D  | 3.18M            | 3.418M          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.2M             | 3.598M          | 3M60D1D  | 3.02M            | 3.598M          |

**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_TnomVnom                        | Pass   | Inf           | 20.7M               | 17.631M            | 20.85M              | 17.601M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 20.67M              | 17.571M            | 20.55M              | 17.631M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 20.58M              | 17.571M            | 20.67M              | 17.601M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 21.06M              | 17.571M            | 20.55M              | 17.571M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 21.09M              | 17.601M            | 20.85M              | 17.601M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 20.82M              | 17.601M            | 19.98M              | 17.571M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 15.15M              | 13.748M            | 15M                 | 13.808M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.76M               | 3.918M             | 3.76M               | 3.918M             |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz_TnomVnom                        | Pass   | Inf           | 40.02M              | 36.042M            | 39.42M              | 36.042M            |
| 5310MHz_TnomVnom                        | Pass   | Inf           | 39.72M              | 36.042M            | 40.5M               | 36.162M            |
| 5510MHz_TnomVnom                        | Pass   | Inf           | 41.1M               | 36.042M            | 41.46M              | 36.042M            |
| 5550MHz_TnomVnom                        | Pass   | Inf           | 39.48M              | 36.102M            | 39.78M              | 36.162M            |
| 5670MHz_TnomVnom                        | Pass   | Inf           | 39.96M              | 36.102M            | 39.36M              | 36.042M            |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 35.315M             | 32.989M            | 35.105M             | 32.919M            |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.2M                | 3.478M             | 3.18M               | 3.478M             |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz_TnomVnom                        | Pass   | Inf           | 80.04M              | 75.442M            | 80.52M              | 75.442M            |
| 5530MHz_TnomVnom                        | Pass   | Inf           | 80.16M              | 75.442M            | 80.04M              | 75.322M            |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 74.925M             | 72.189M            | 75.75M              | 72.564M            |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.18M               | 3.538M             | 3.2M                | 3.578M             |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 20.46M              | 17.571M            | 20.79M              | 17.571M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 20.13M              | 17.601M            | 20.67M              | 17.601M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 20.58M              | 17.631M            | 20.79M              | 17.661M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 20.82M              | 17.571M            | 20.58M              | 17.601M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 20.91M              | 17.601M            | 20.85M              | 17.541M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 20.58M              | 17.601M            | 20.79M              | 17.571M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 15.285M             | 13.778M            | 15.135M             | 13.778M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.76M               | 3.918M             | 3.74M               | 3.878M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz_TnomVnom                        | Pass   | Inf           | 39.42M              | 36.102M            | 39.18M              | 36.102M            |
| 5310MHz_TnomVnom                        | Pass   | Inf           | 39M                 | 36.042M            | 39.3M               | 36.042M            |
| 5510MHz_TnomVnom                        | Pass   | Inf           | 40.2M               | 36.162M            | 39.78M              | 36.042M            |
| 5550MHz_TnomVnom                        | Pass   | Inf           | 40.2M               | 36.162M            | 39.78M              | 36.102M            |
| 5670MHz_TnomVnom                        | Pass   | Inf           | 39.78M              | 36.102M            | 39.96M              | 36.042M            |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 34.51M              | 32.954M            | 35.21M              | 32.814M            |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.2M                | 3.418M             | 3.18M               | 3.418M             |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz_TnomVnom                        | Pass   | Inf           | 81.24M              | 75.562M            | 81.96M              | 75.322M            |
| 5530MHz_TnomVnom                        | Pass   | Inf           | 82.2M               | 75.682M            | 81.48M              | 75.562M            |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 75.975M             | 72.714M            | 75.825M             | 72.339M            |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.2M                | 3.598M             | 3.02M               | 3.598M             |



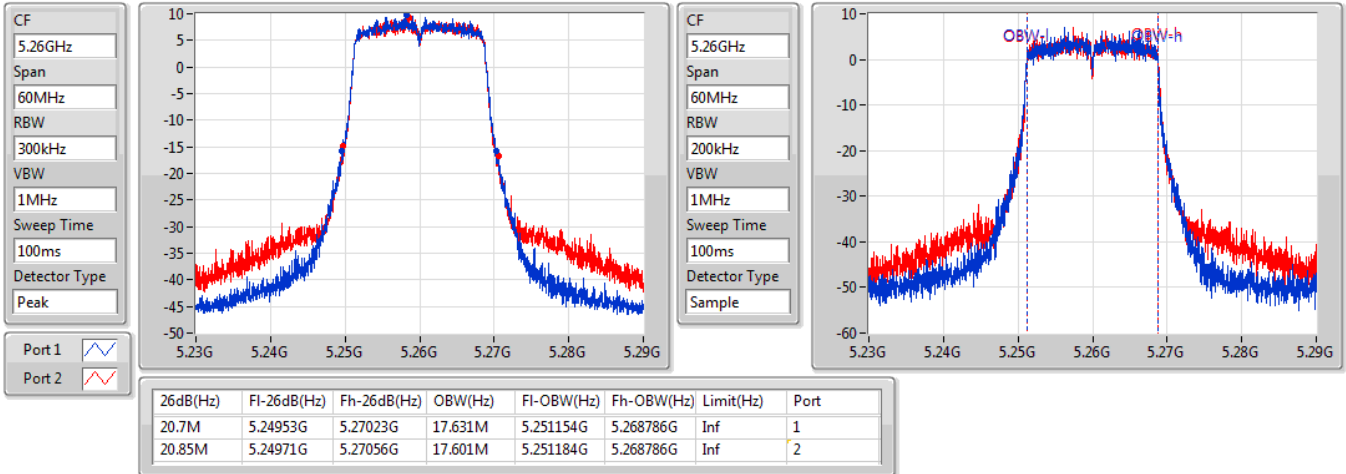
**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
**Port X-OBW** = Port X 99% occupied bandwidth;

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5260MHz

20/07/2019

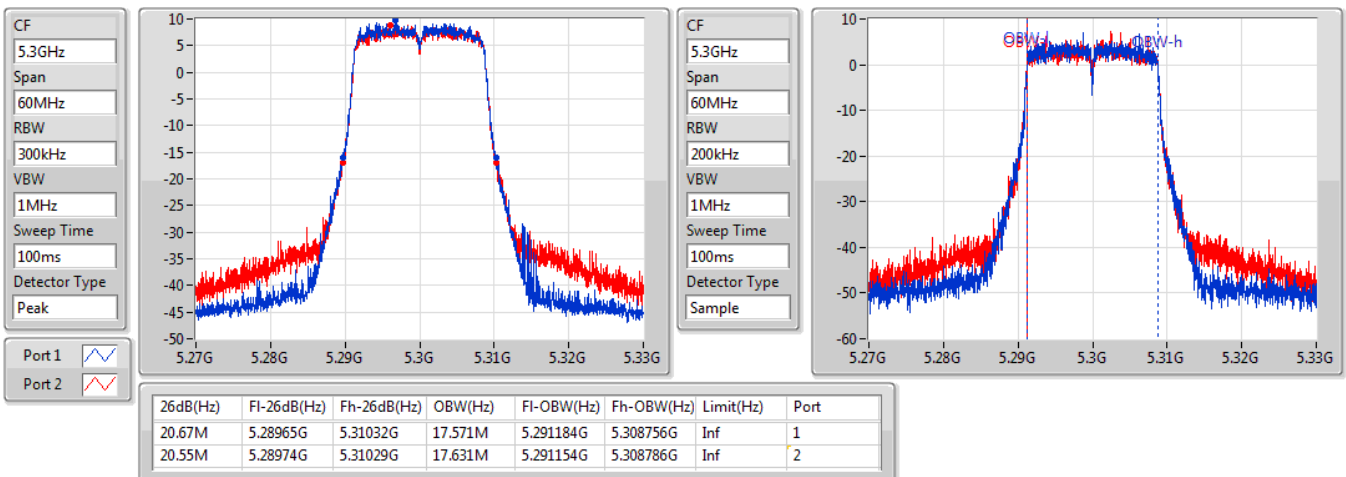


## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

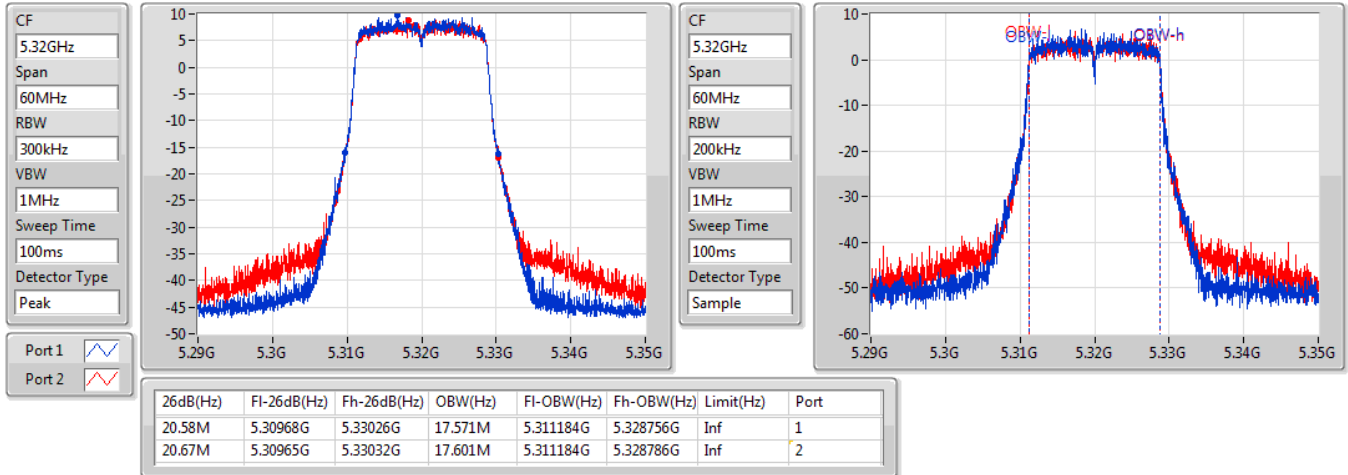
5300MHz

20/07/2019

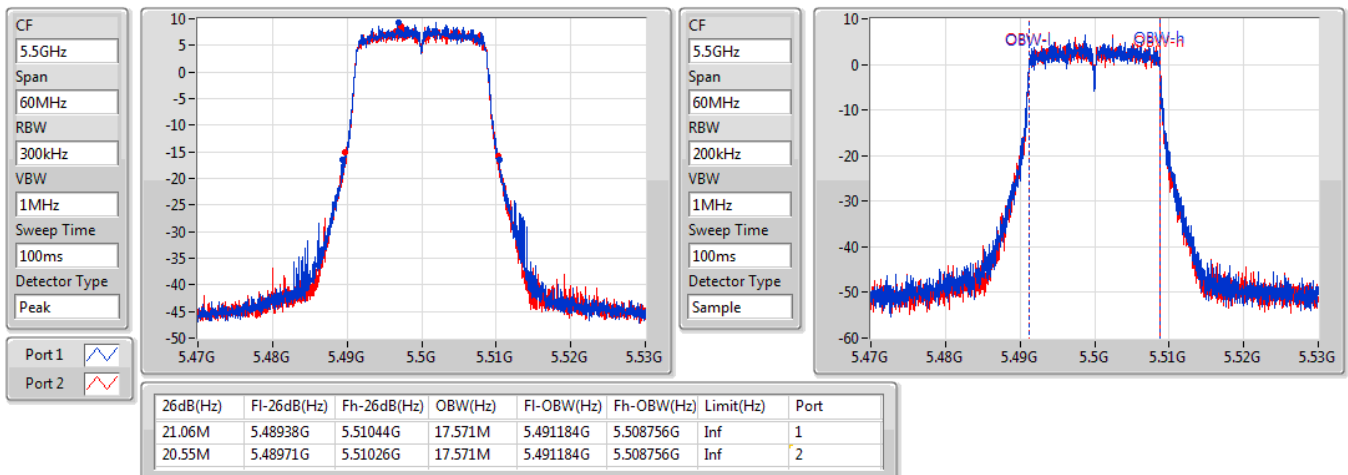


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

20/07/2019

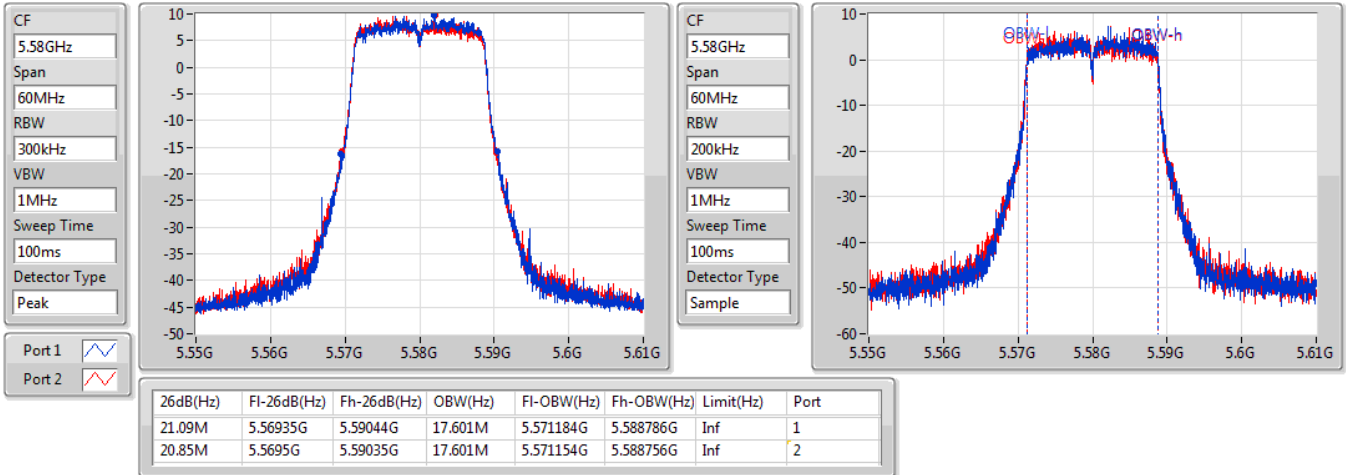

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

20/07/2019

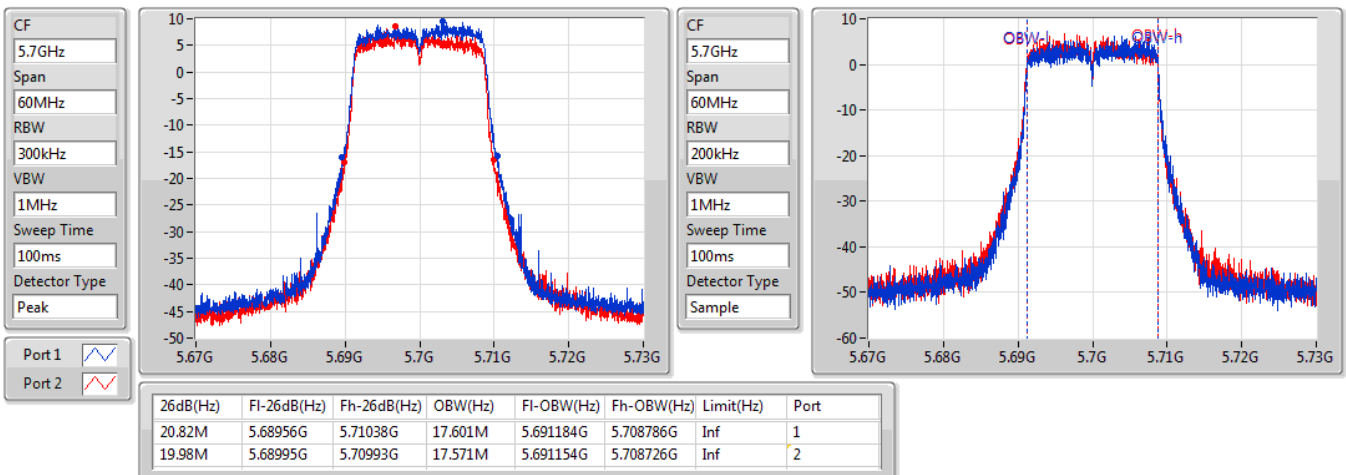


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

20/07/2019

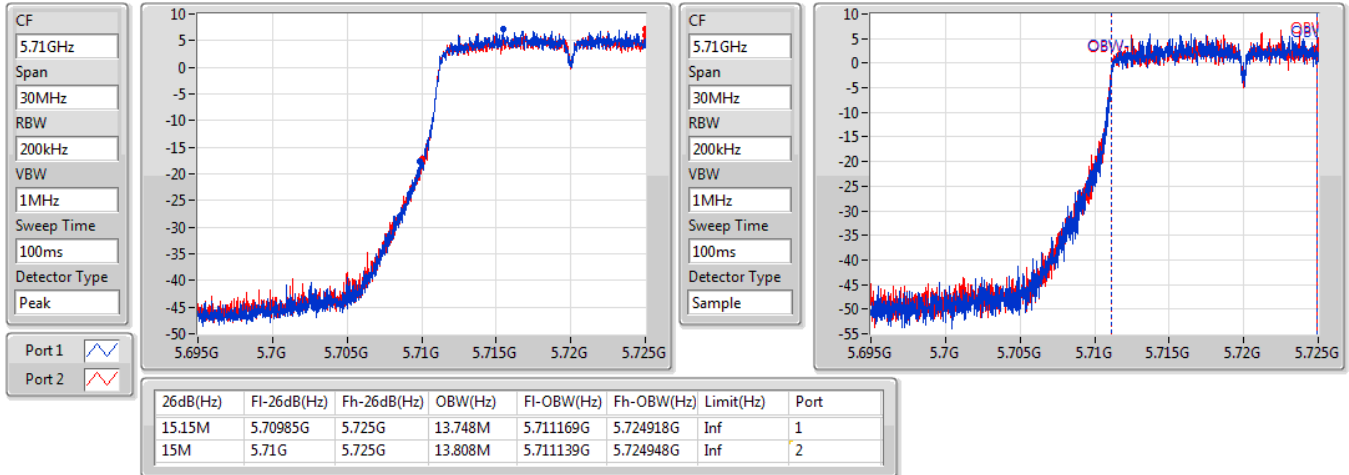

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

20/07/2019

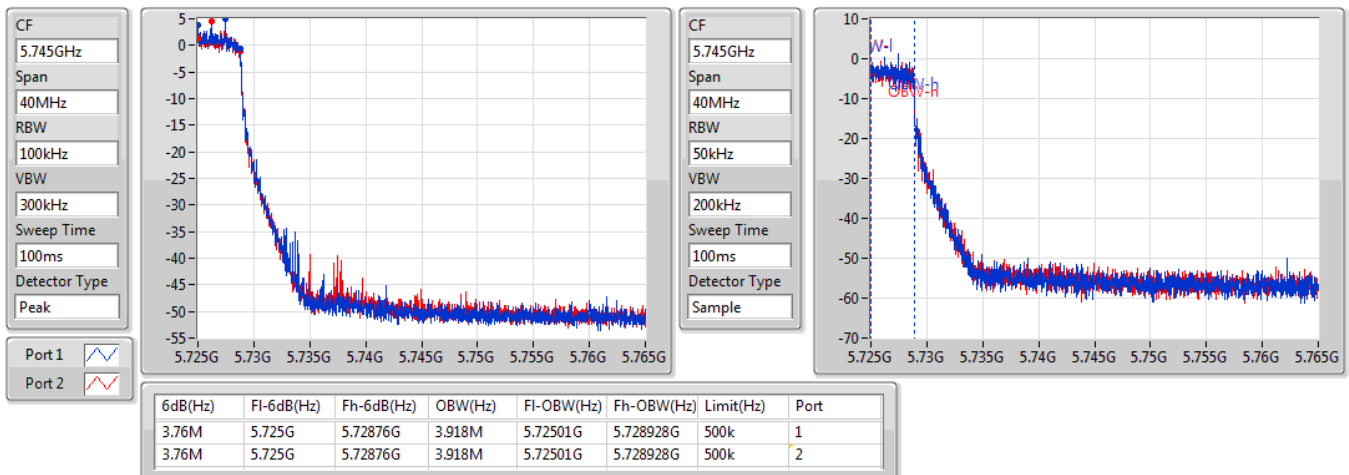


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

20/07/2019

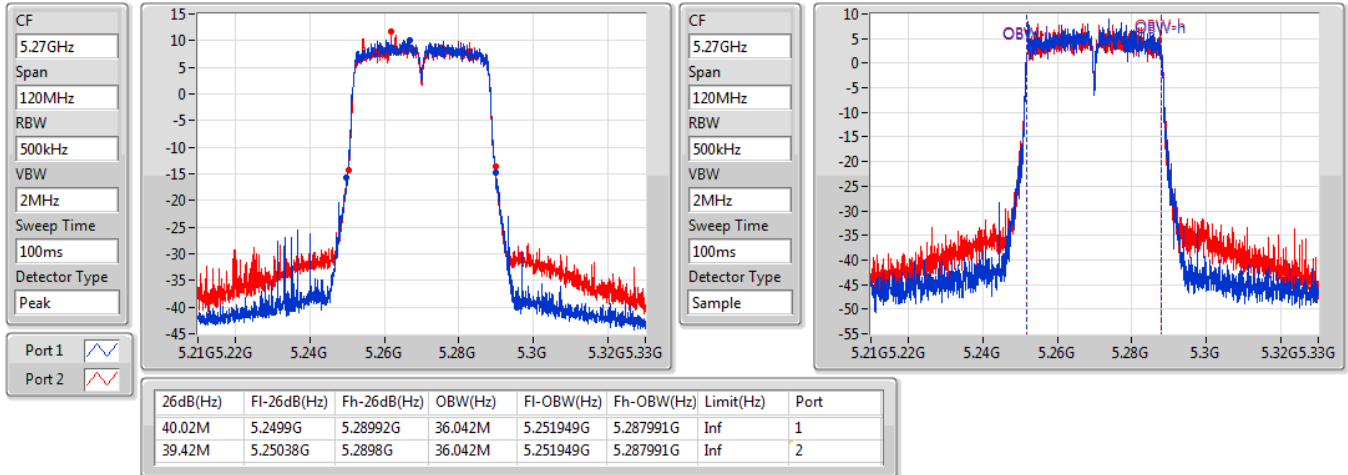

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

20/07/2019

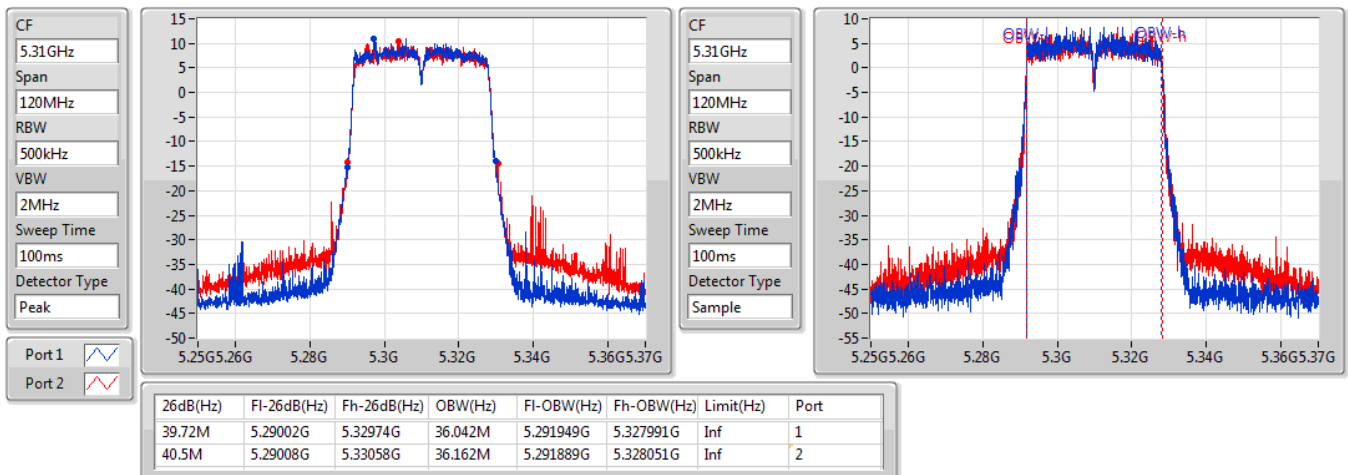


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

20/07/2019

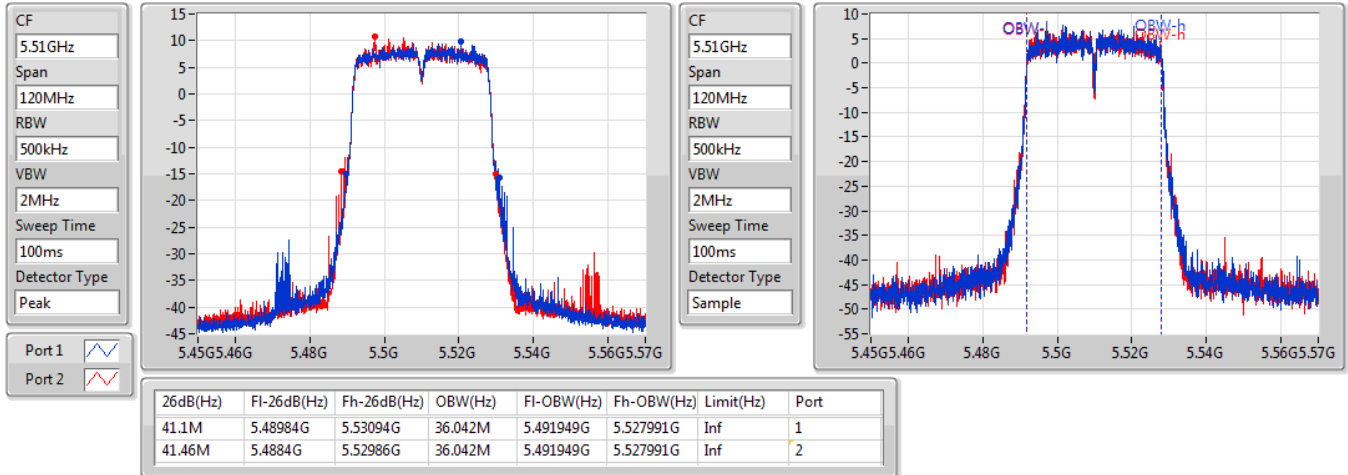

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

20/07/2019

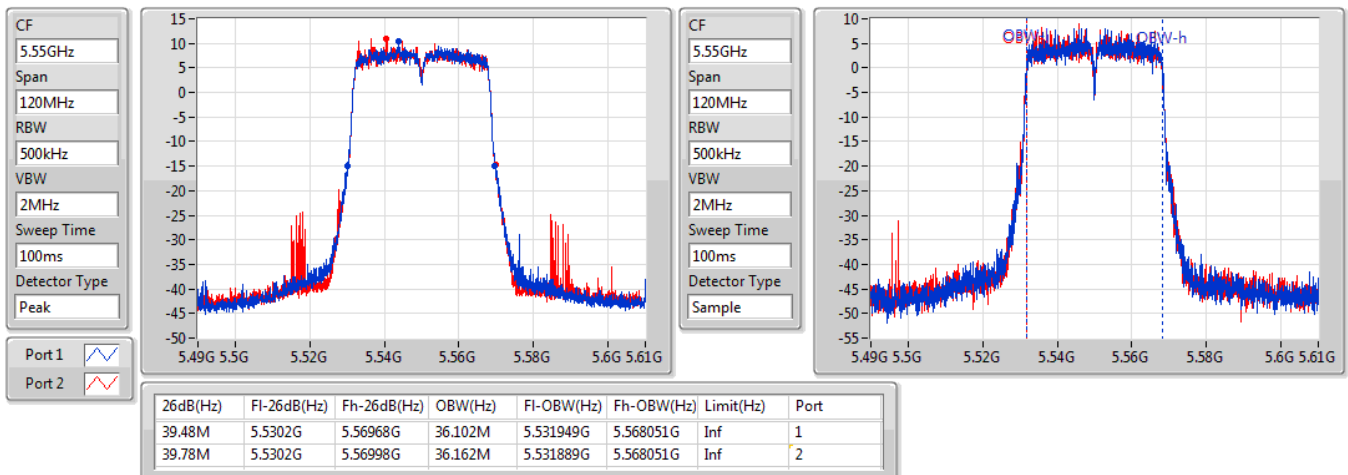


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

20/07/2019

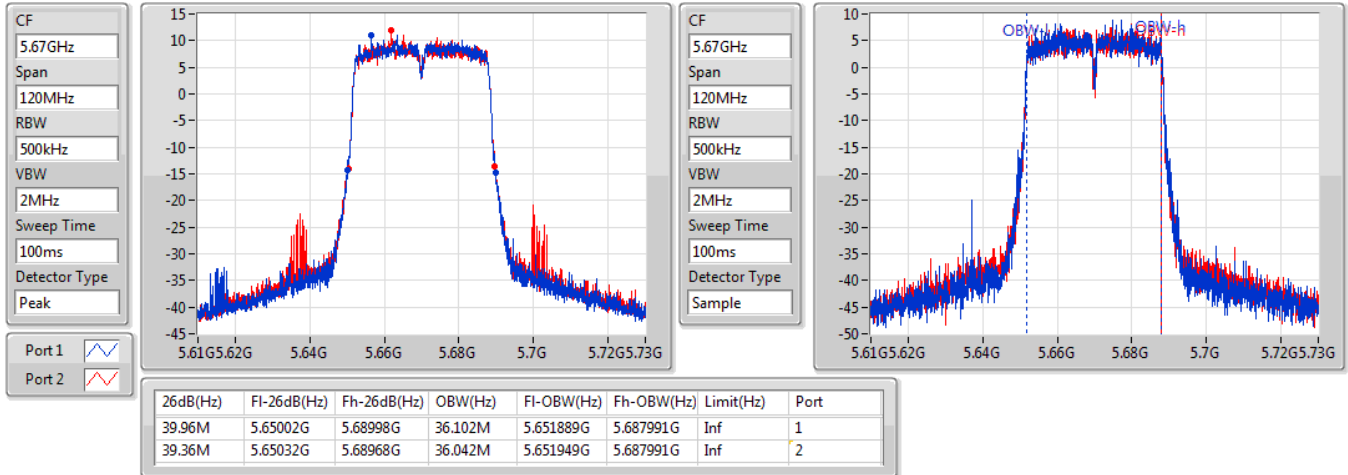

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

20/07/2019

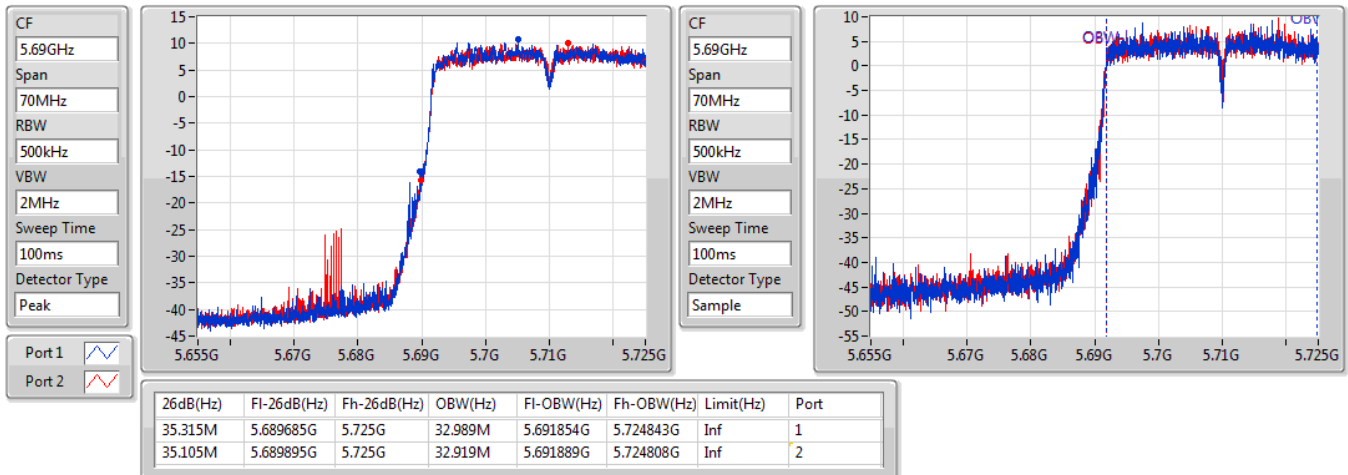


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

20/07/2019

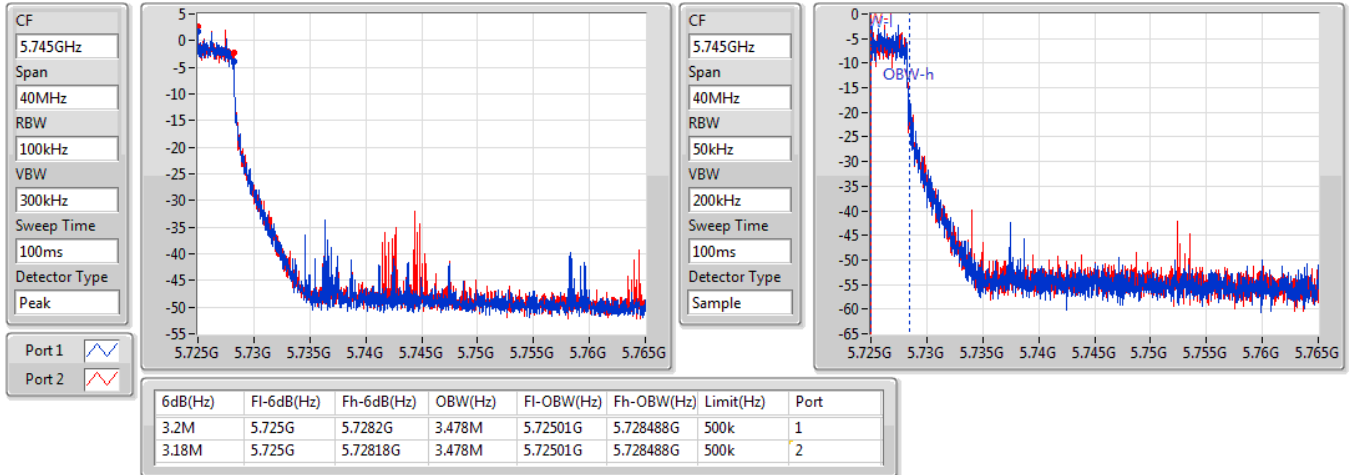

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

20/07/2019

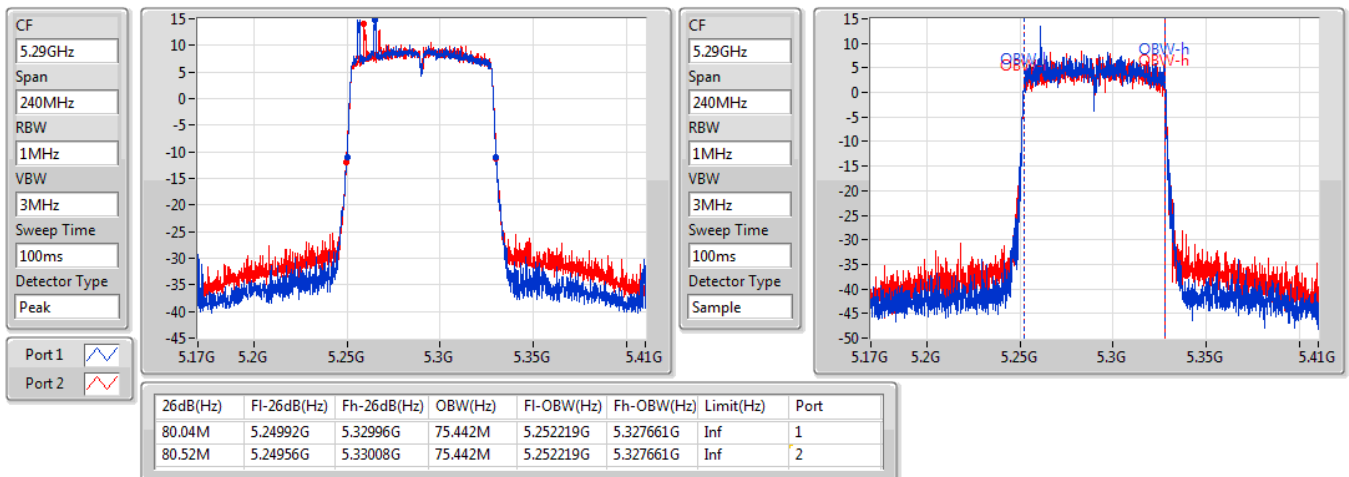


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

20/07/2019


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

20/07/2019

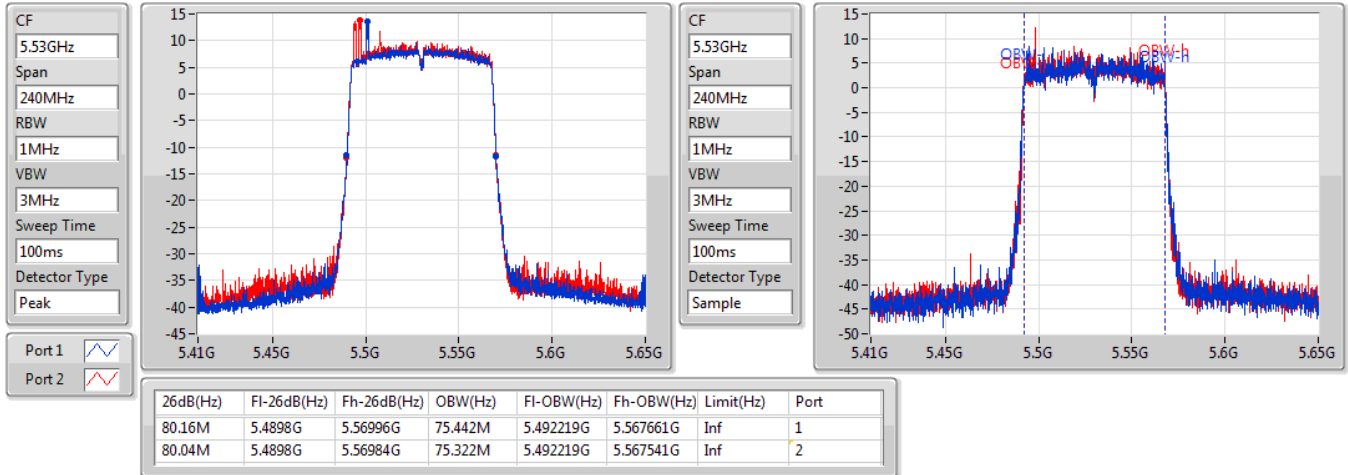


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5530MHz

20/07/2019

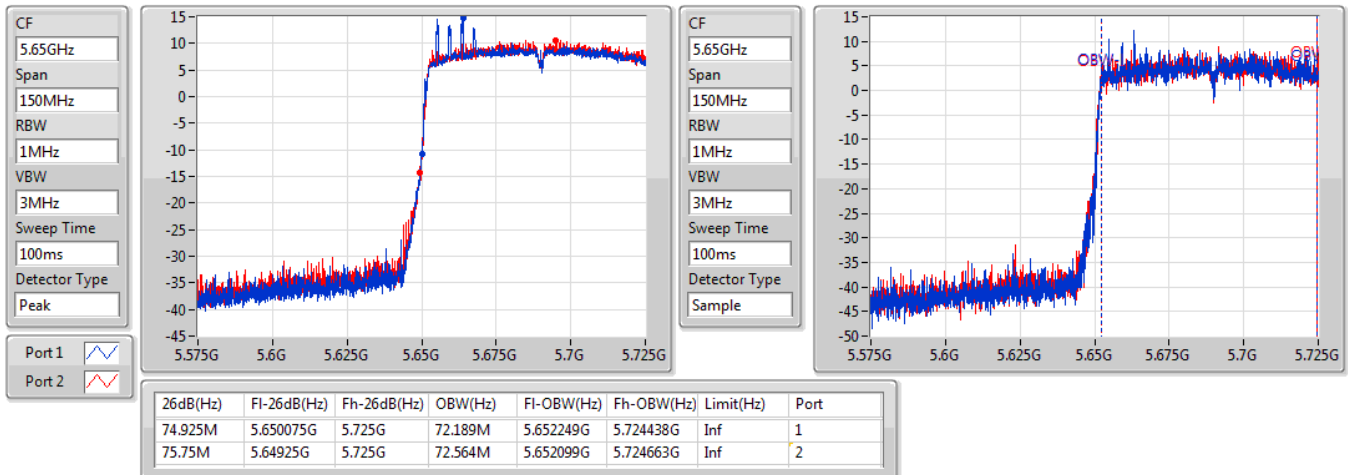


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

20/07/2019

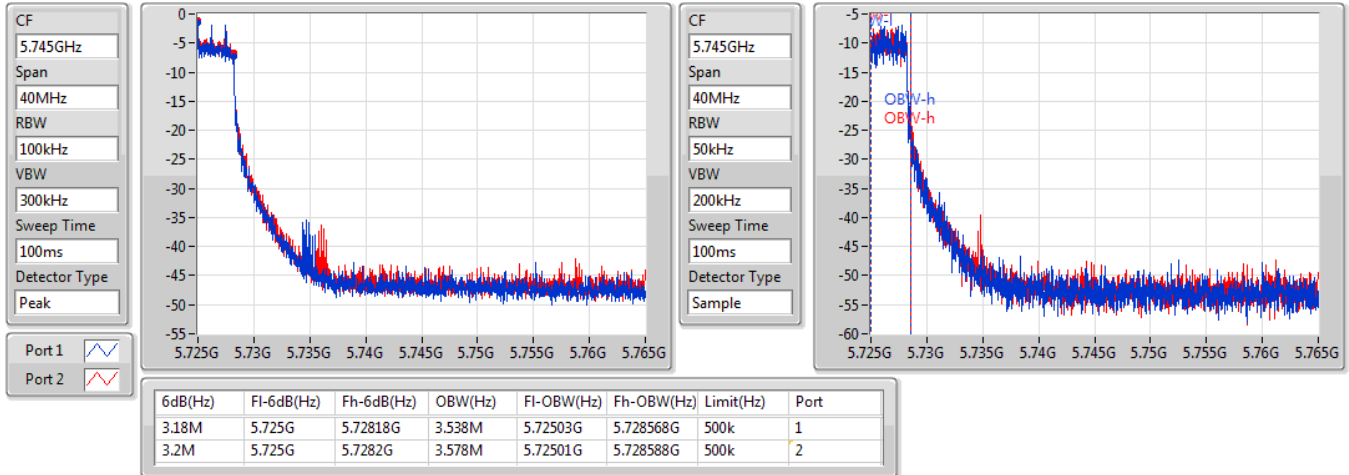


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

### 5690MHz Straddle 5.725-5.85GHz

20/07/2019

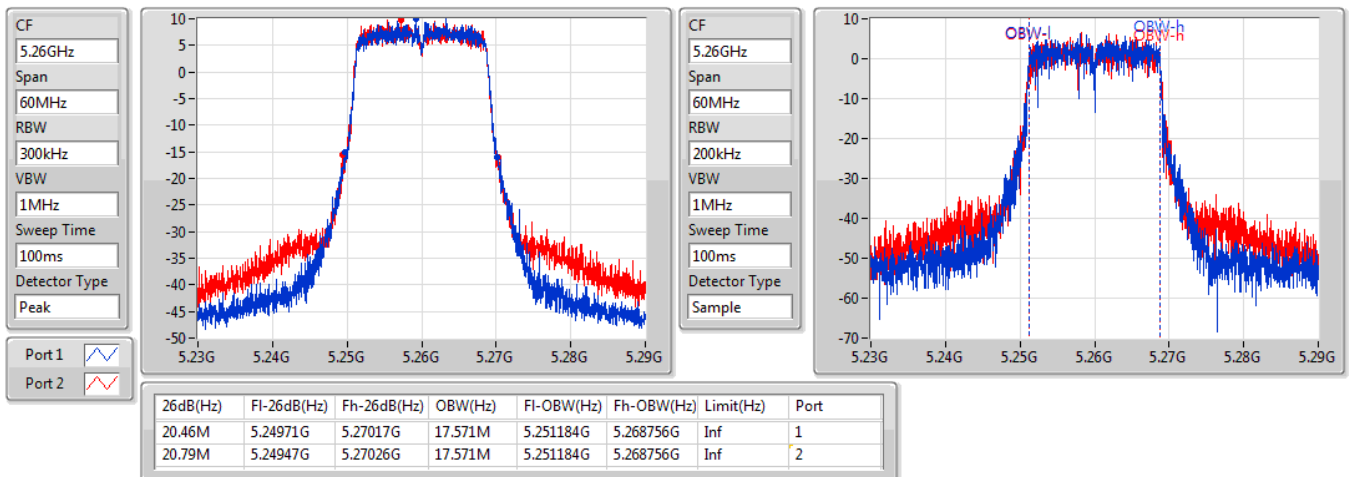


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

### 5260MHz

20/07/2019

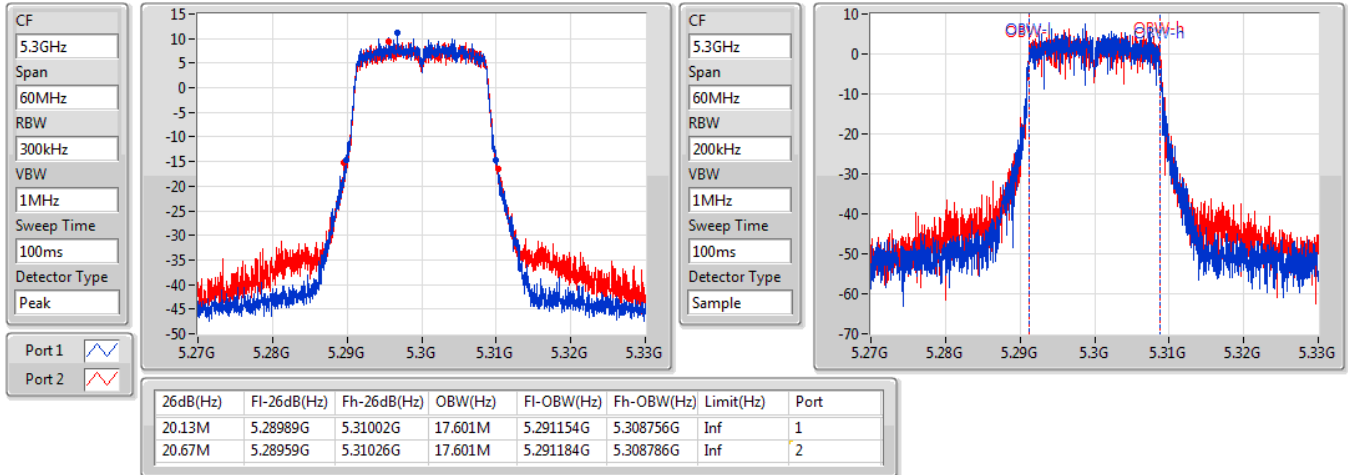


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5300MHz

20/07/2019

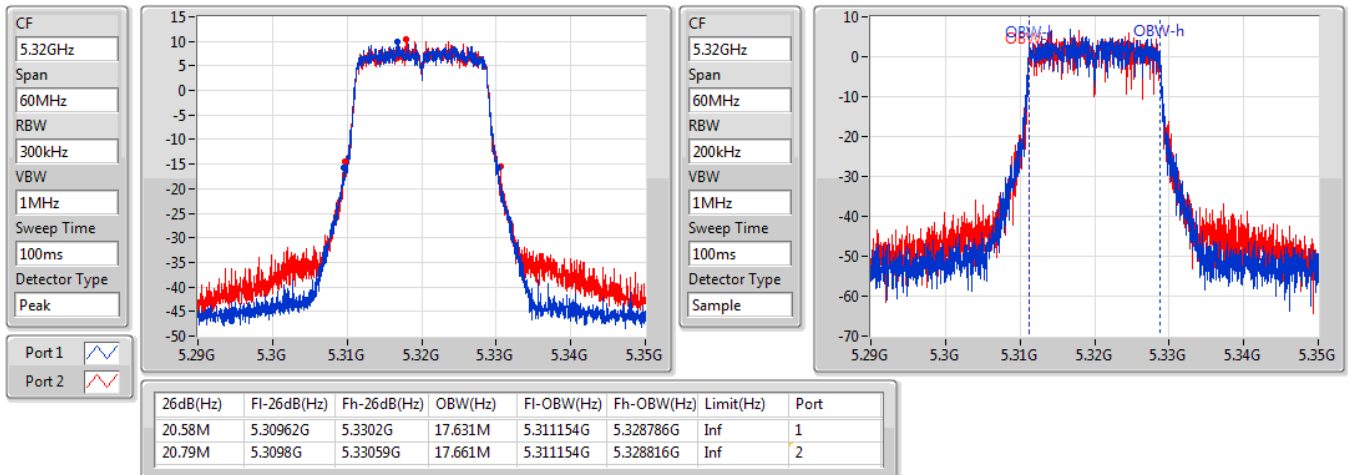


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

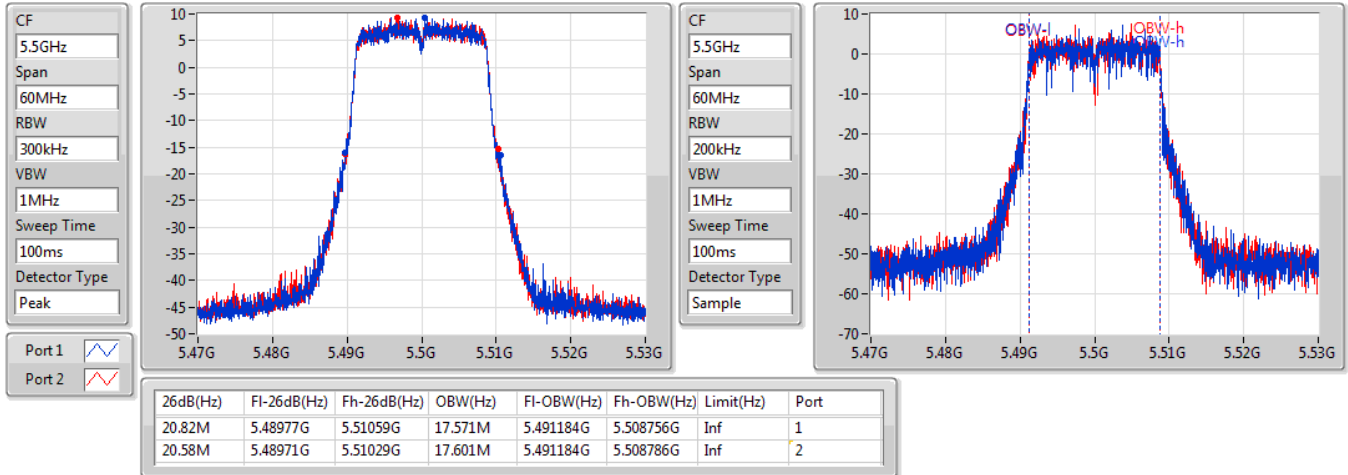
5320MHz

20/07/2019

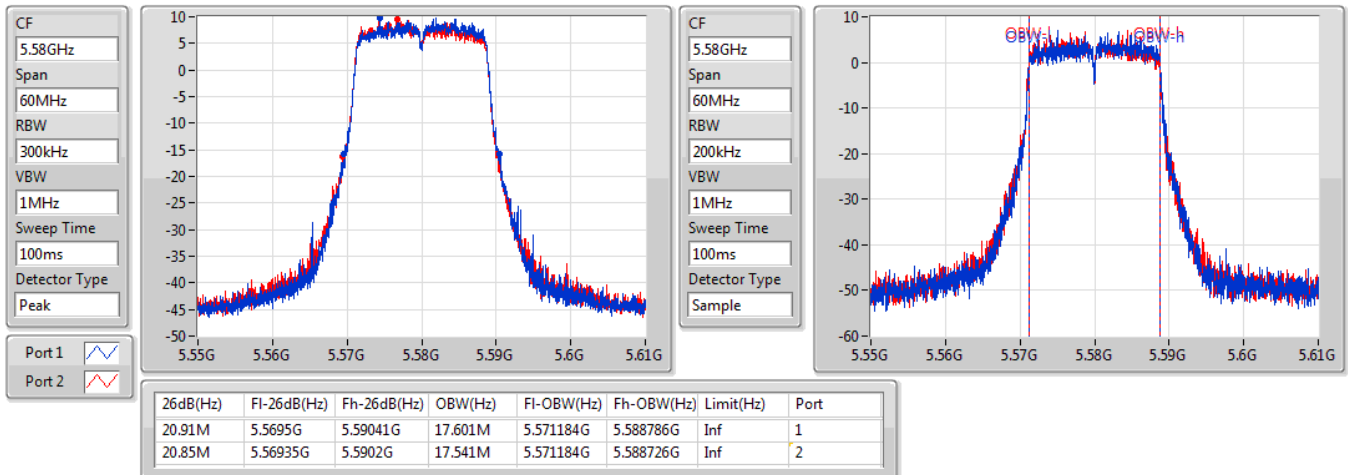


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

20/07/2019

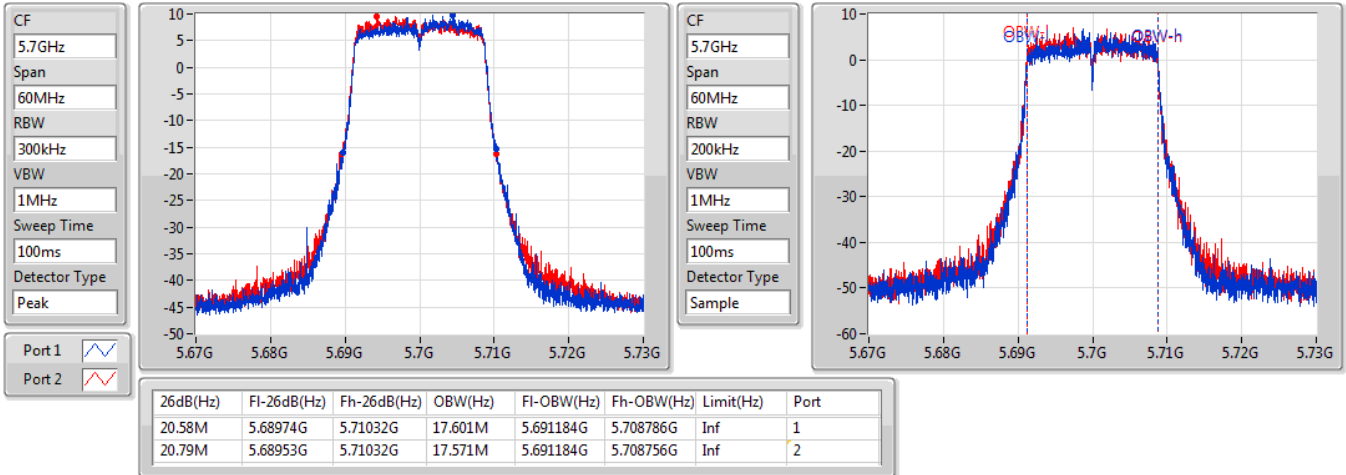

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

20/07/2019

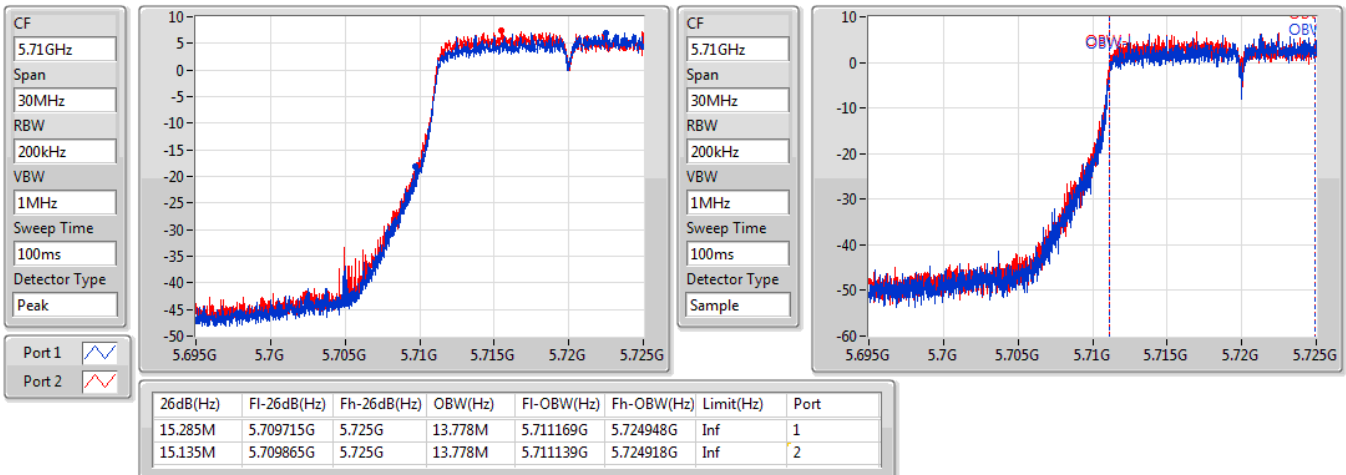


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

20/07/2019

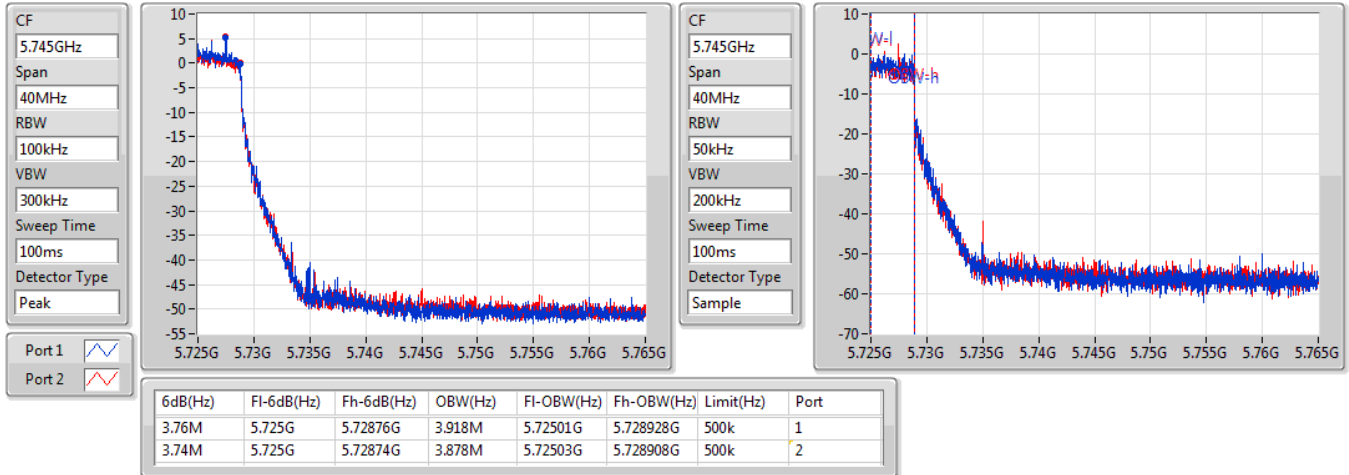

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

20/07/2019

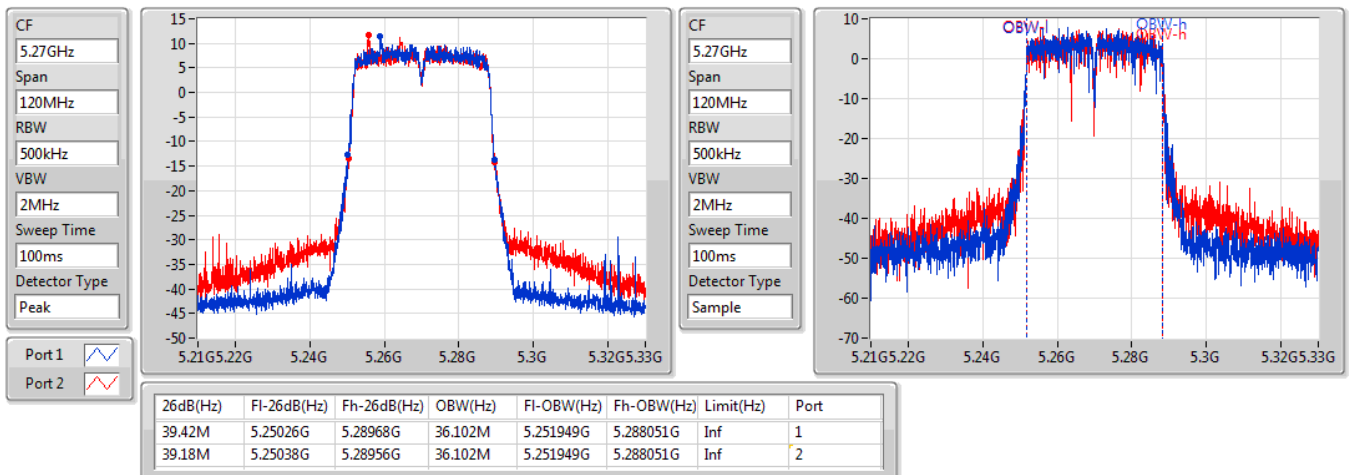


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

20/07/2019


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

20/07/2019

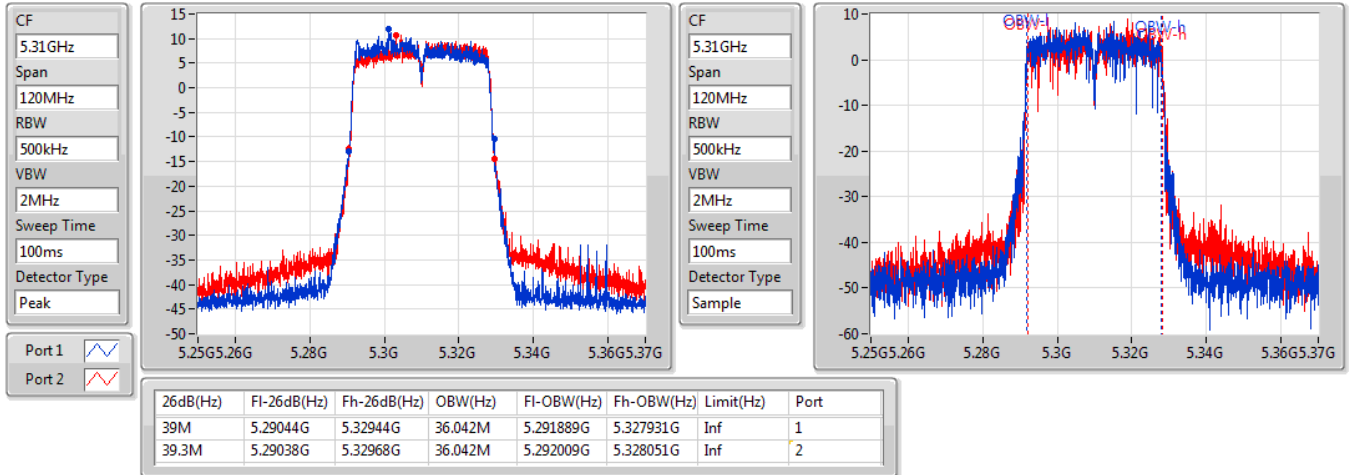


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5310MHz

20/07/2019

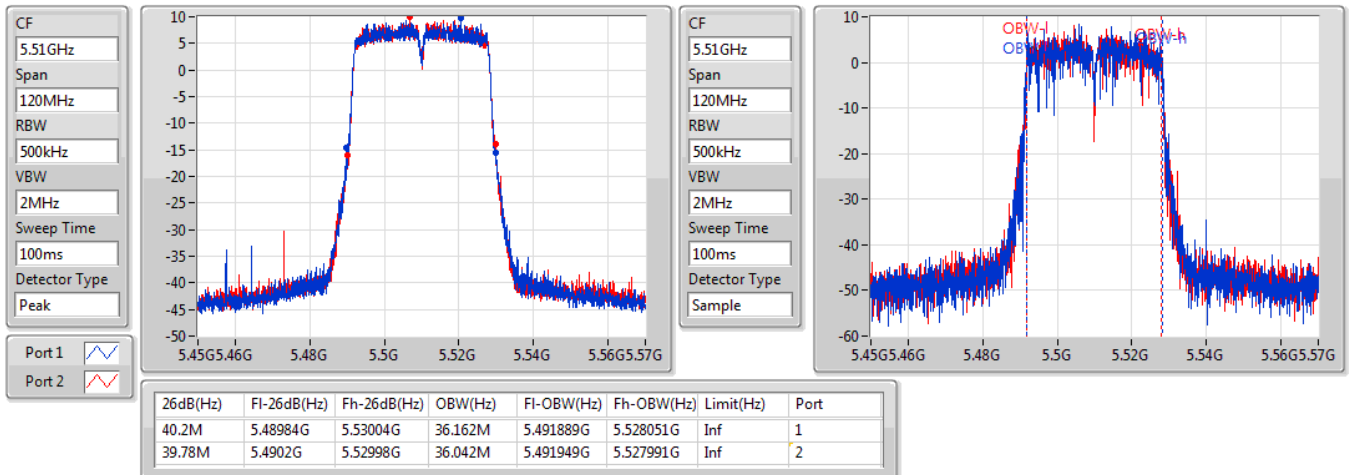


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5510MHz

20/07/2019

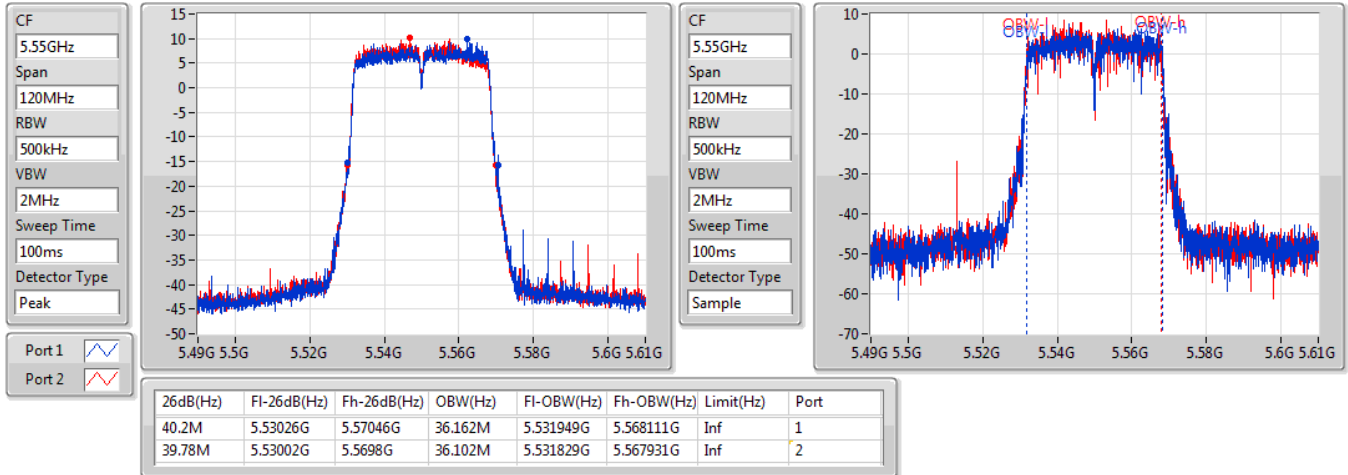


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5550MHz

20/07/2019

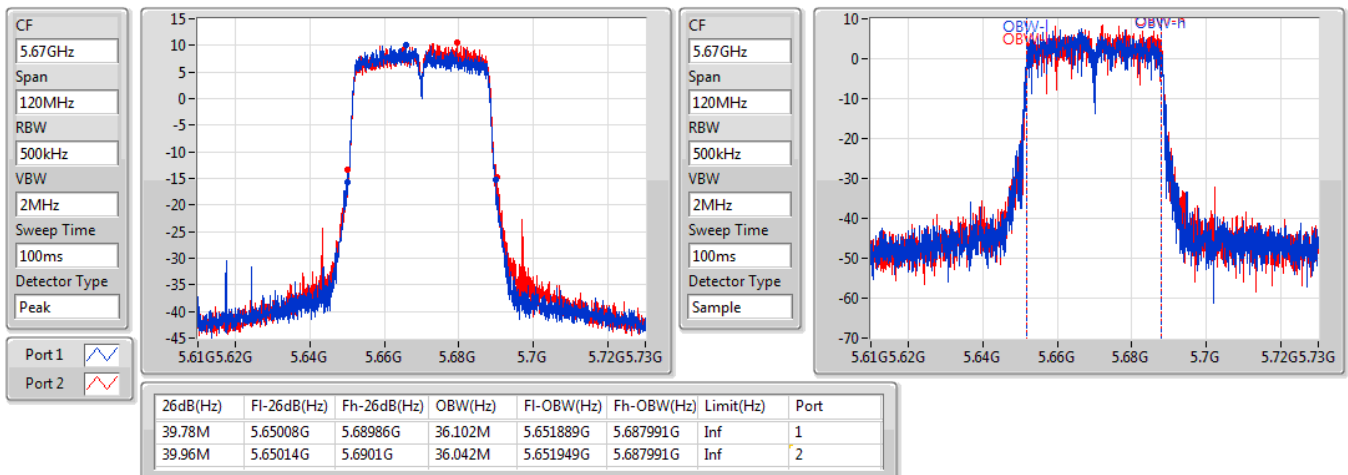


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

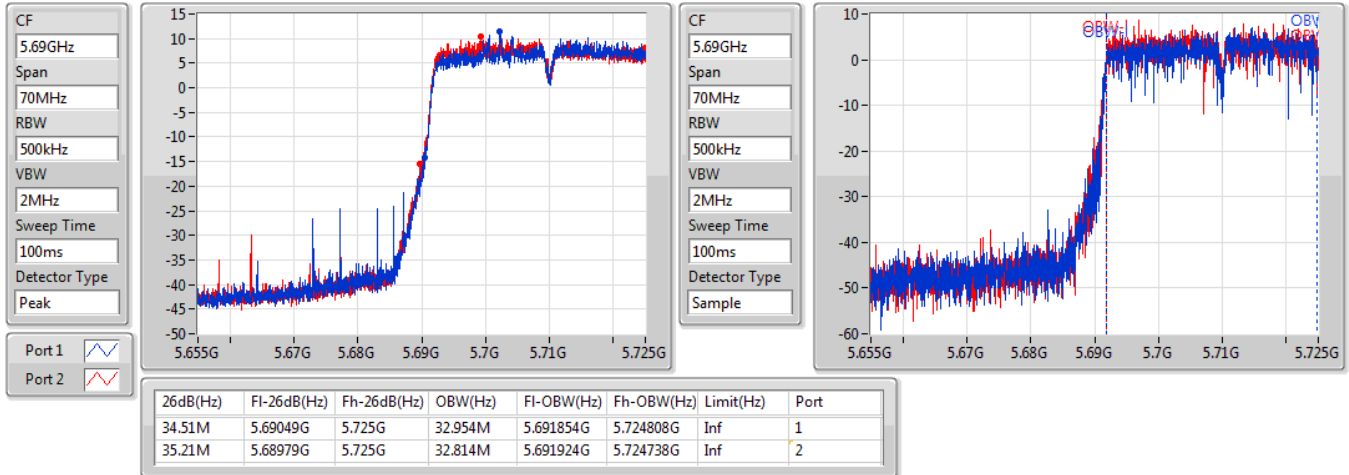
5670MHz

20/07/2019

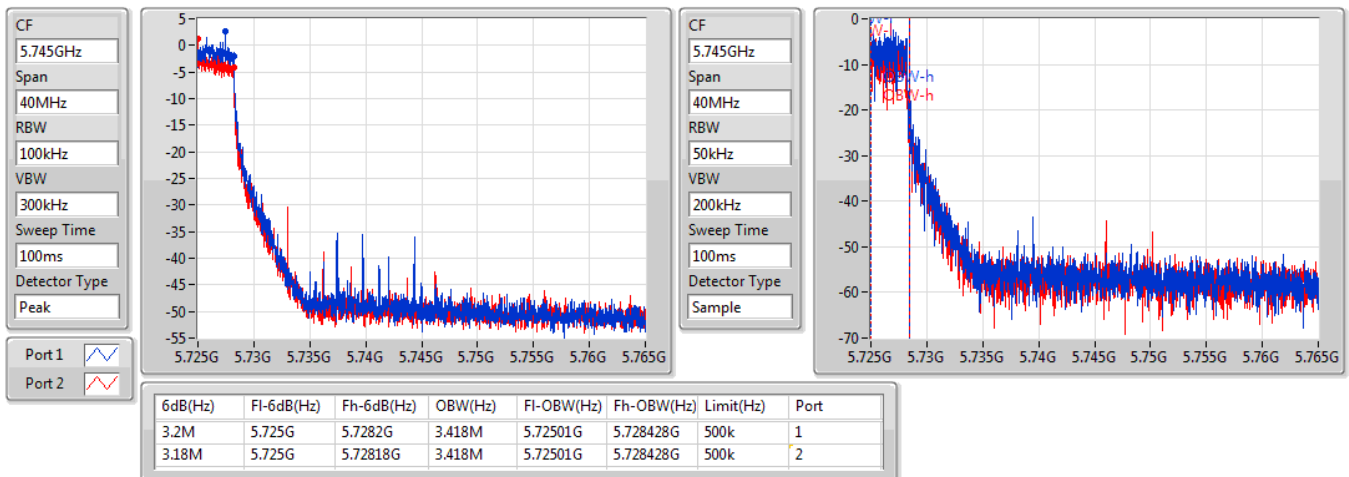


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

20/07/2019

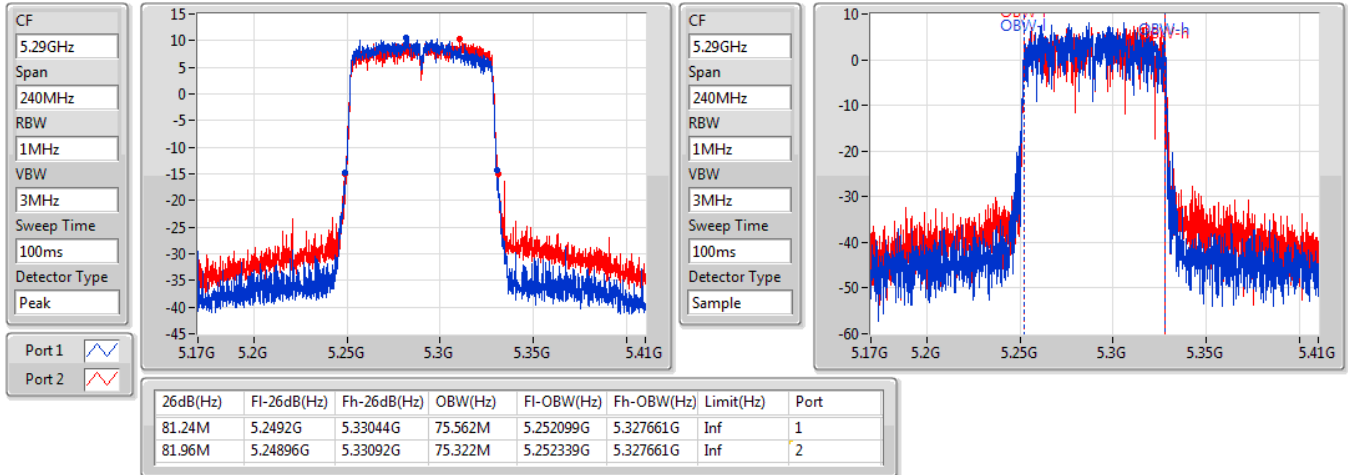

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

20/07/2019

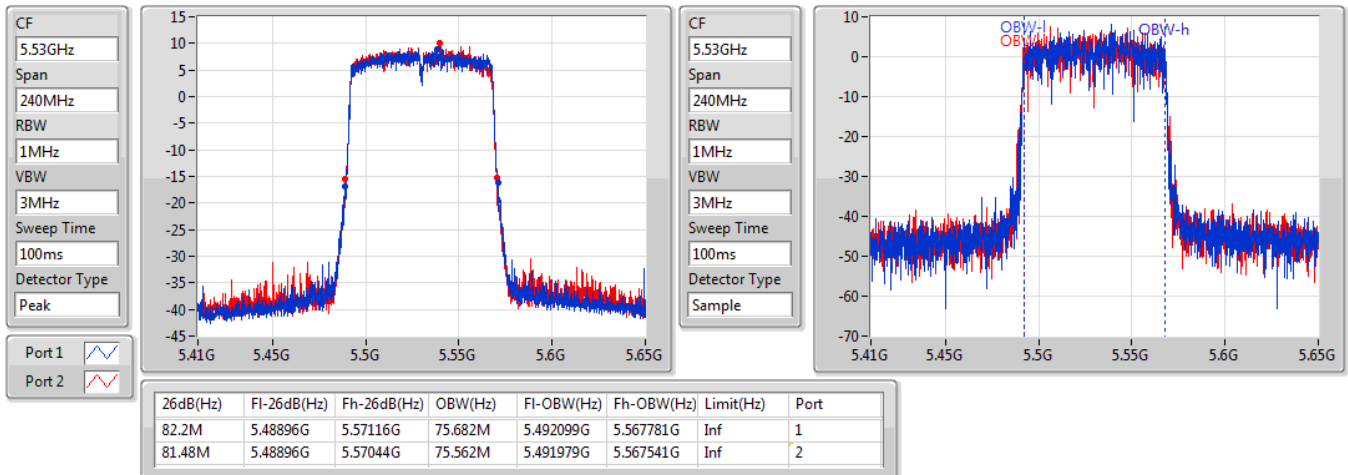


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

20/07/2019

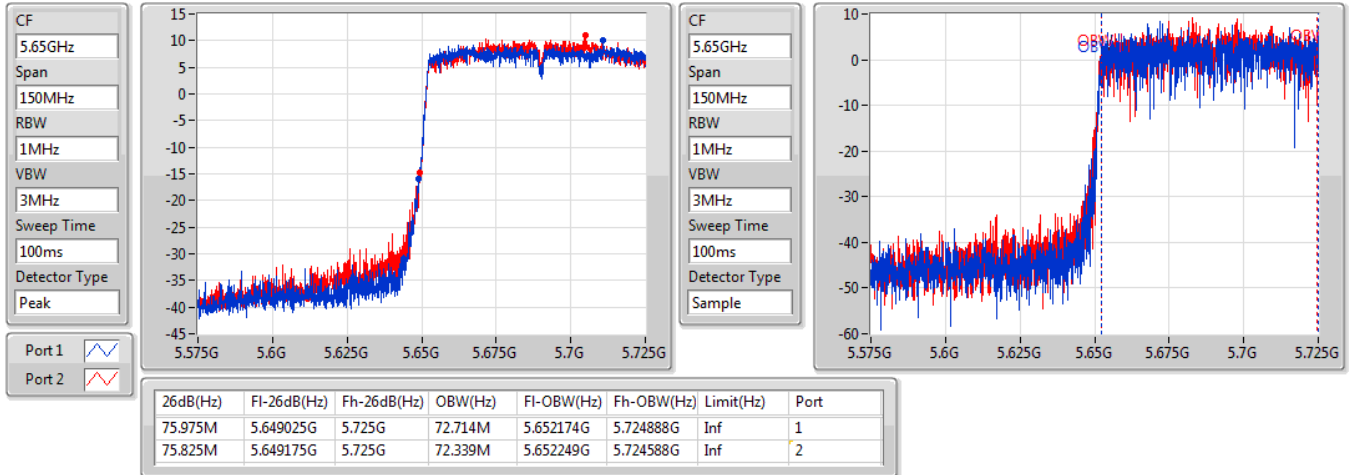

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

20/07/2019

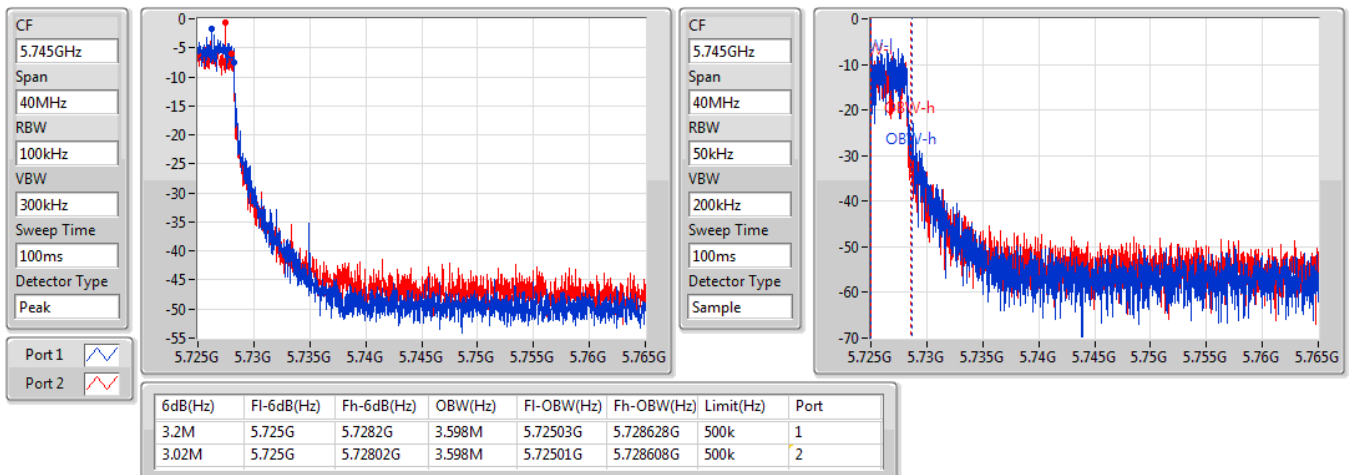


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

20/07/2019


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

20/07/2019



**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       | 39.12M           | 19.25M          | 19M2D1D  | 33.84M           | 17.841M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 38.28M           | 19.22M          | 19M2D1D  | 34.44M           | 18.441M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 65.4M            | 37.301M         | 37M3D1D  | 51.78M           | 36.402M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 108.48M          | 76.282M         | 76M3D1D  | 108.48M          | 76.282M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 40.77M           | 19.97M          | 20M0D1D  | 21.81M           | 14.543M         |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 39.48M           | 19.73M          | 19M7D1D  | 21.915M          | 14.588M         |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 77.34M           | 38.501M         | 38M5D1D  | 52.85M           | 34.353M         |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 126.45M          | 76.042M         | 76M0D1D  | 104.64M          | 73.763M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX       | 3.12M            | 8.556M          | 8M56D1D  | 3.12M            | 8.556M          |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 3.74M            | 7.656M          | 7M66D1D  | 3.74M            | 7.656M          |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.12M            | 19.07M          | 19M1D1D  | 3.12M            | 19.07M          |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 3.22M            | 31.364M         | 31M4D1D  | 3.22M            | 31.364M         |

**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**

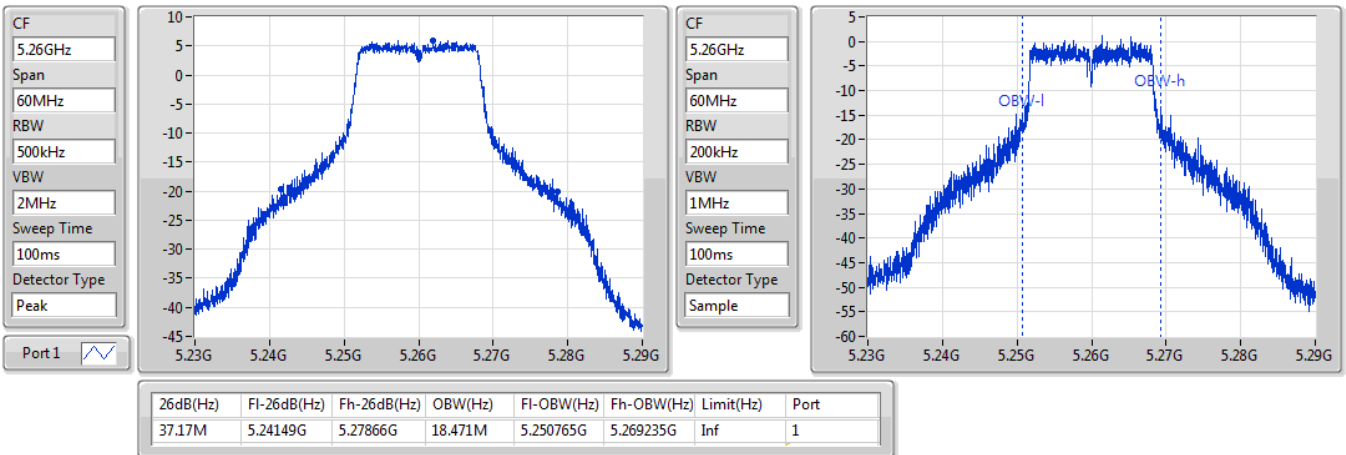
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 37.17M              | 18.471M            |
| 5300MHz                        | Pass   | Inf           | 39.12M              | 19.25M             |
| 5320MHz                        | Pass   | Inf           | 33.84M              | 17.841M            |
| 5500MHz                        | Pass   | Inf           | 40.77M              | 19.97M             |
| 5580MHz                        | Pass   | Inf           | 37.74M              | 19.34M             |
| 5700MHz                        | Pass   | Inf           | 37.5M               | 18.771M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 21.81M              | 14.543M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 8.556M             |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 34.44M              | 18.831M            |
| 5300MHz                        | Pass   | Inf           | 38.28M              | 19.22M             |
| 5320MHz                        | Pass   | Inf           | 35.37M              | 18.441M            |
| 5500MHz                        | Pass   | Inf           | 39.48M              | 19.67M             |
| 5580MHz                        | Pass   | Inf           | 39.45M              | 19.73M             |
| 5700MHz                        | Pass   | Inf           | 37.26M              | 18.621M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 21.915M             | 14.588M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.74M               | 7.656M             |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 65.4M               | 37.301M            |
| 5310MHz                        | Pass   | Inf           | 51.78M              | 36.402M            |
| 5510MHz                        | Pass   | Inf           | 55.86M              | 36.522M            |
| 5550MHz                        | Pass   | Inf           | 77.34M              | 38.381M            |
| 5670MHz                        | Pass   | Inf           | 76.14M              | 38.501M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 52.85M              | 34.353M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 19.07M             |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 108.48M             | 76.282M            |
| 5530MHz                        | Pass   | Inf           | 104.64M             | 76.042M            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 126.45M             | 73.763M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.22M               | 31.364M            |

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

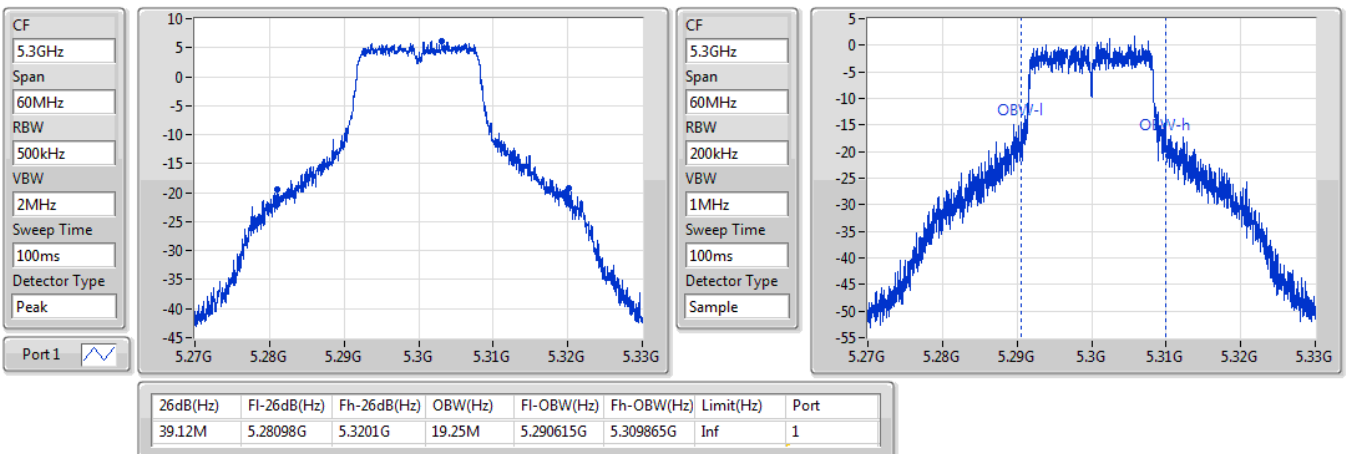
**Port X-OBW** = Port X 99% occupied bandwidth;

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

04/07/2019

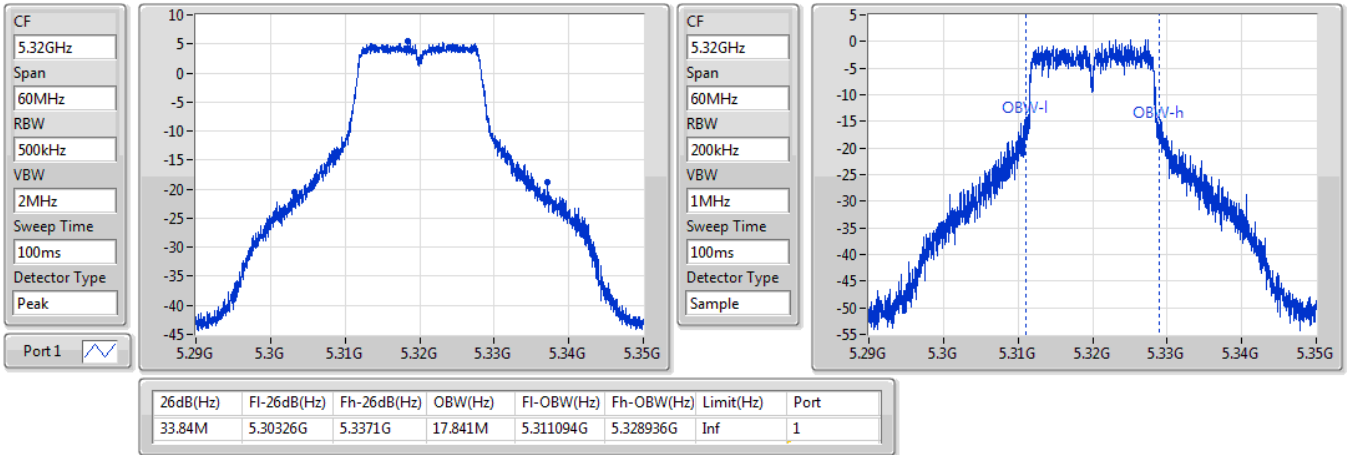

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5300MHz**

04/07/2019

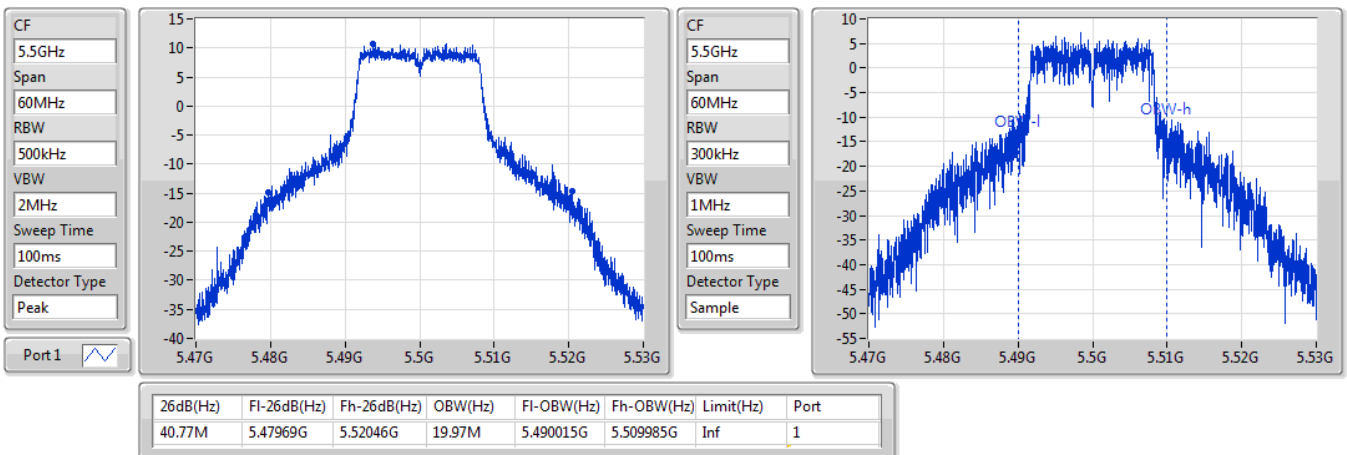


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5320MHz**

04/07/2019

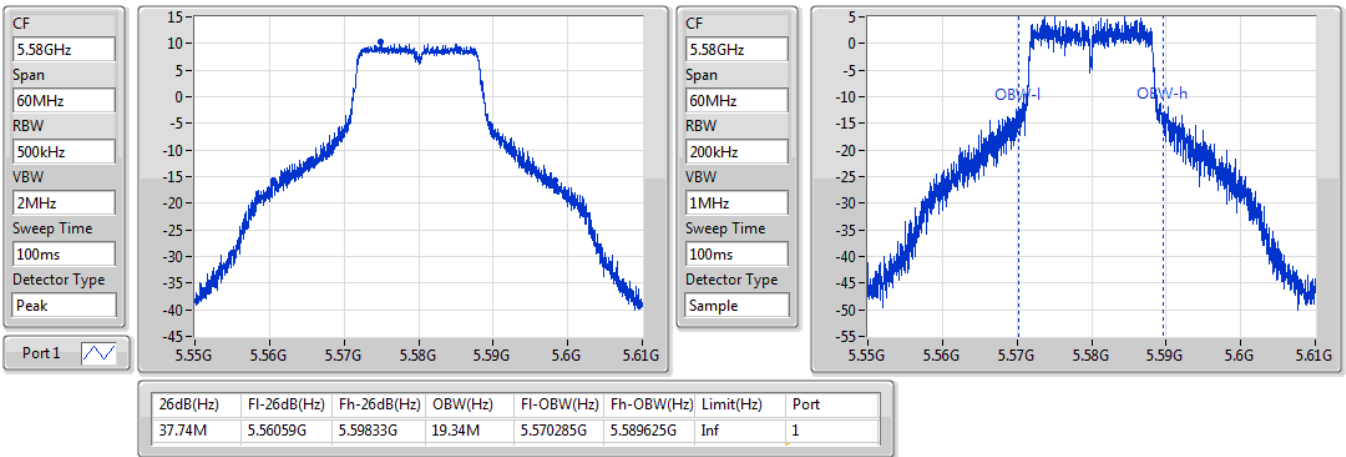

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5500MHz**

18/07/2019

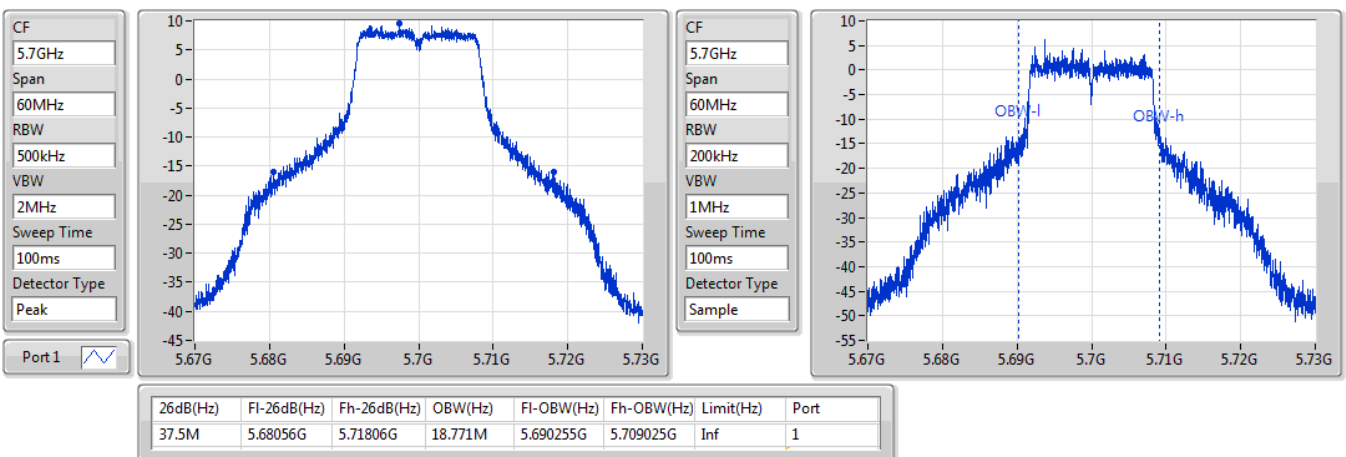


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5580MHz**

04/07/2019

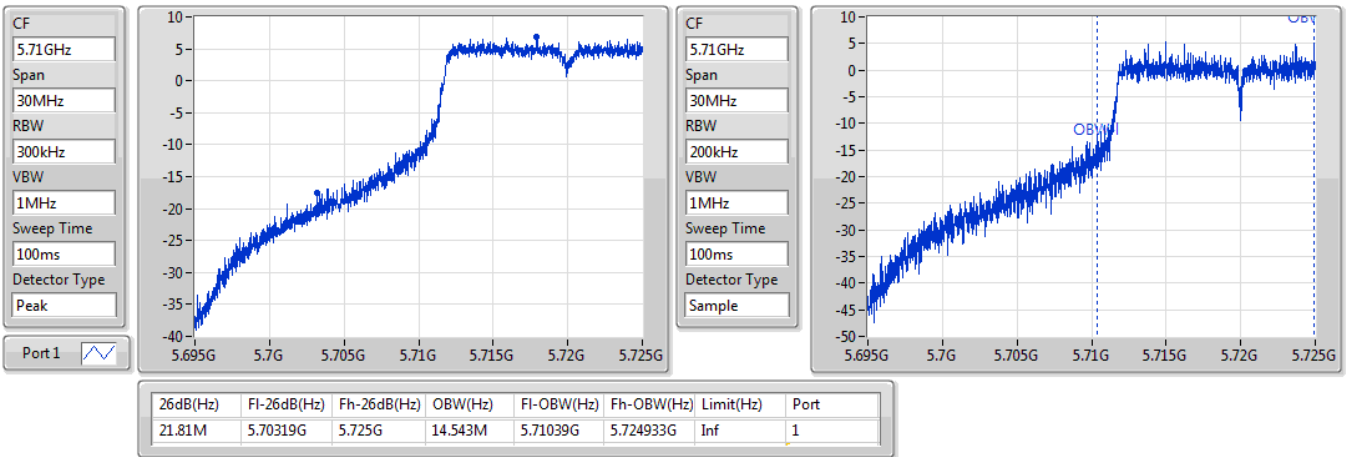

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5700MHz**

04/07/2019

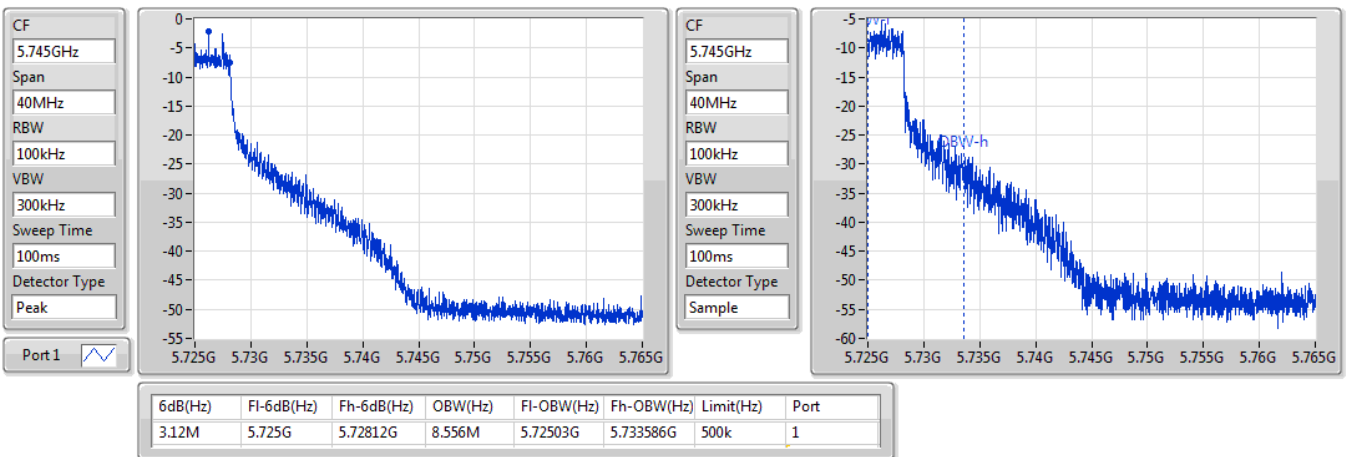


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/07/2019

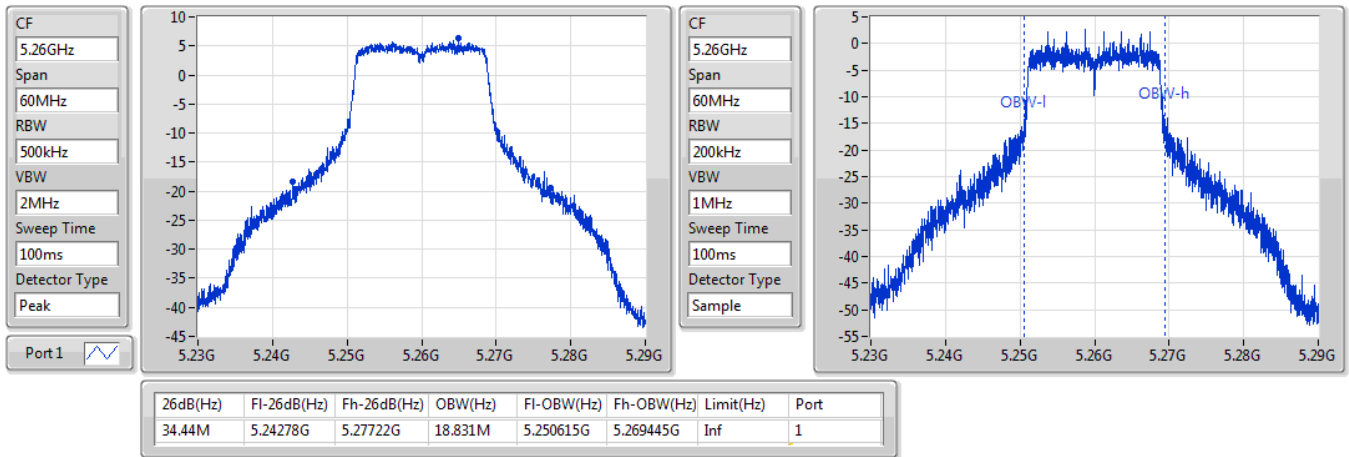

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/07/2019

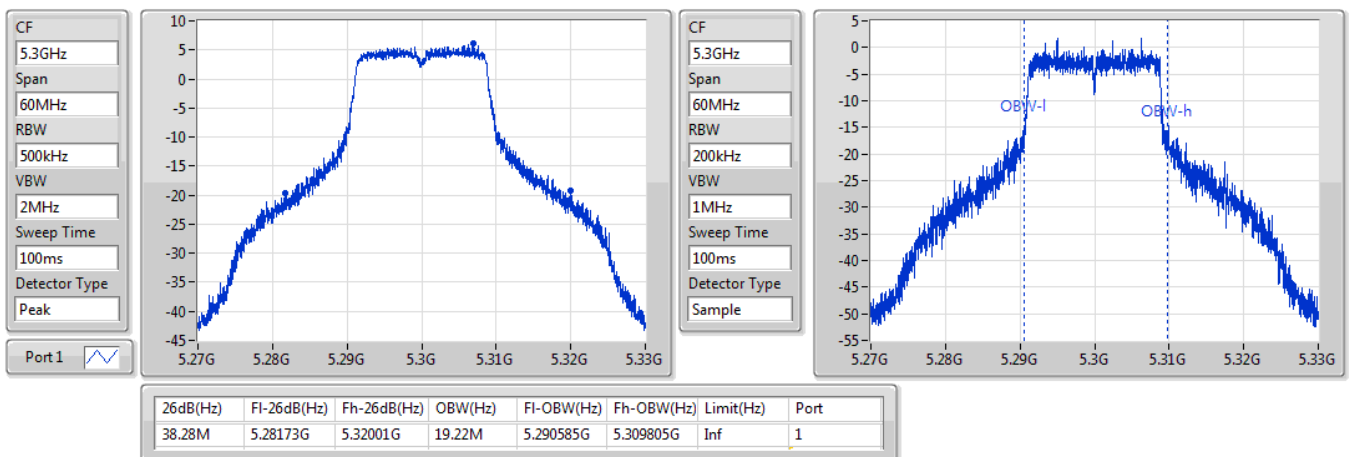


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

04/07/2019

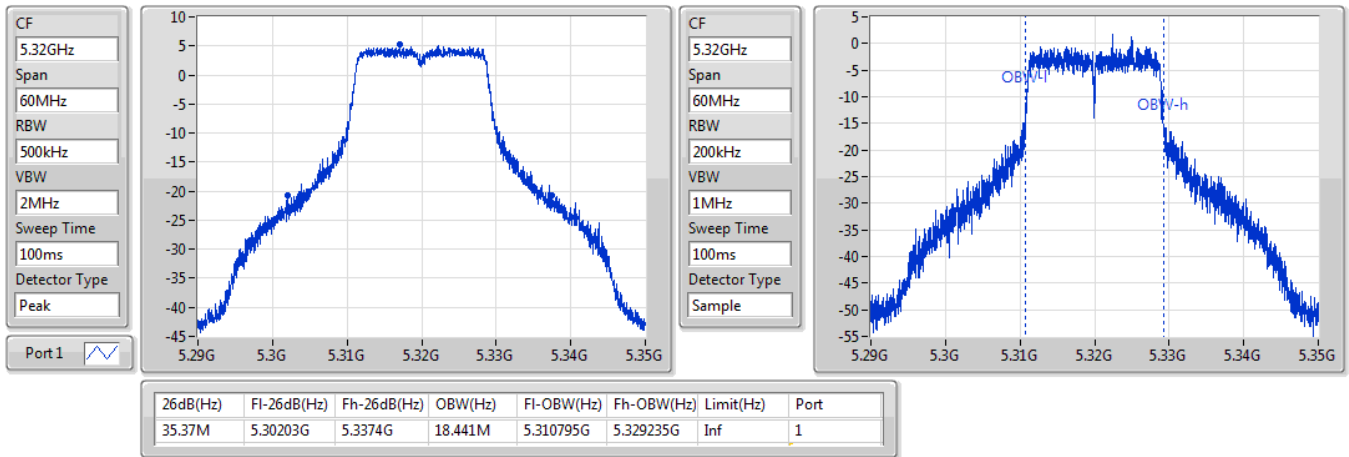

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

04/07/2019

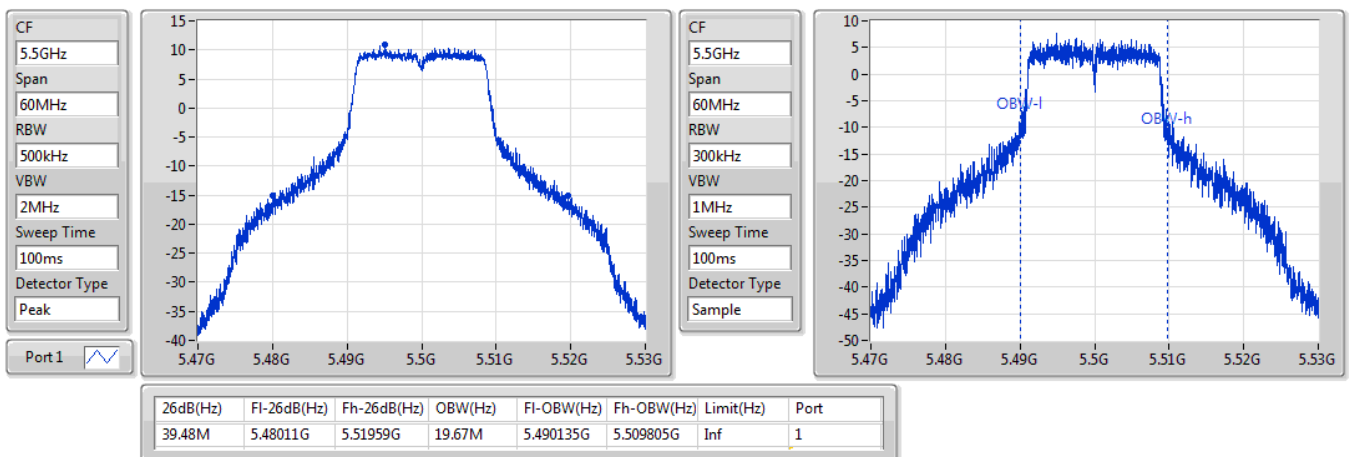


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

04/07/2019

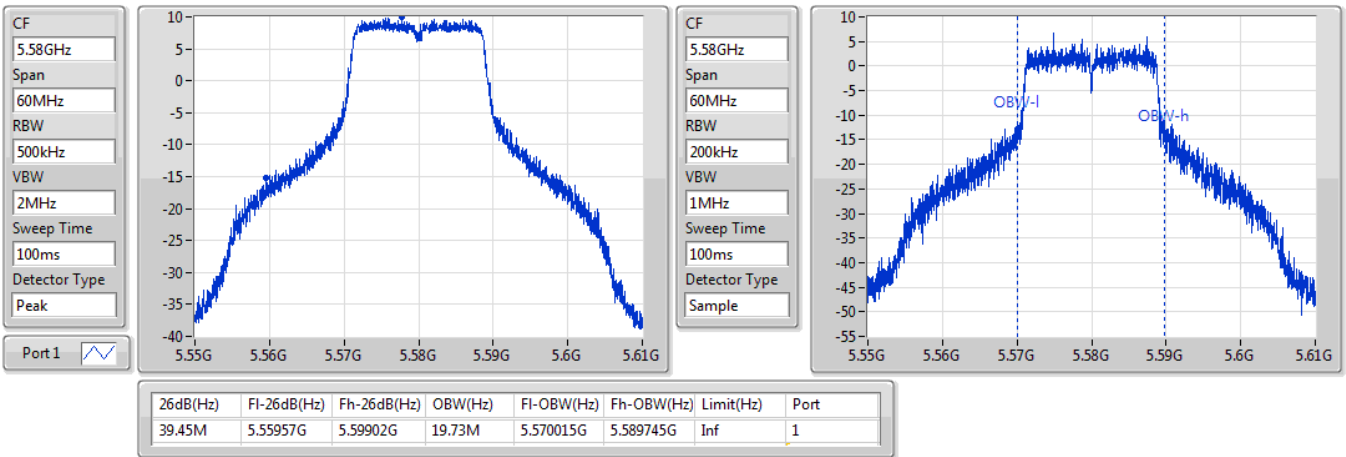

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

04/07/2019

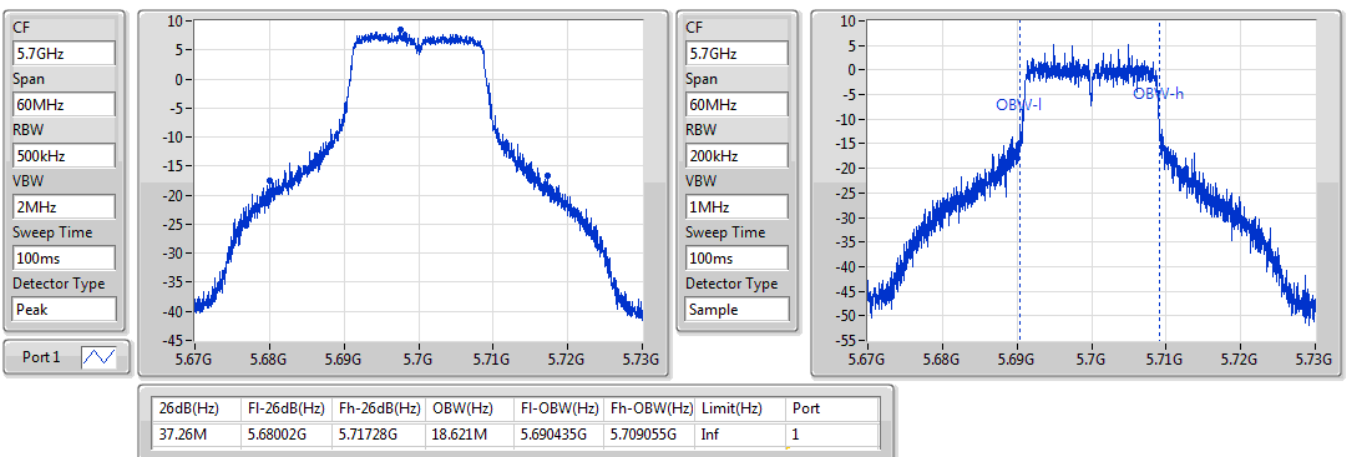


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

04/07/2019

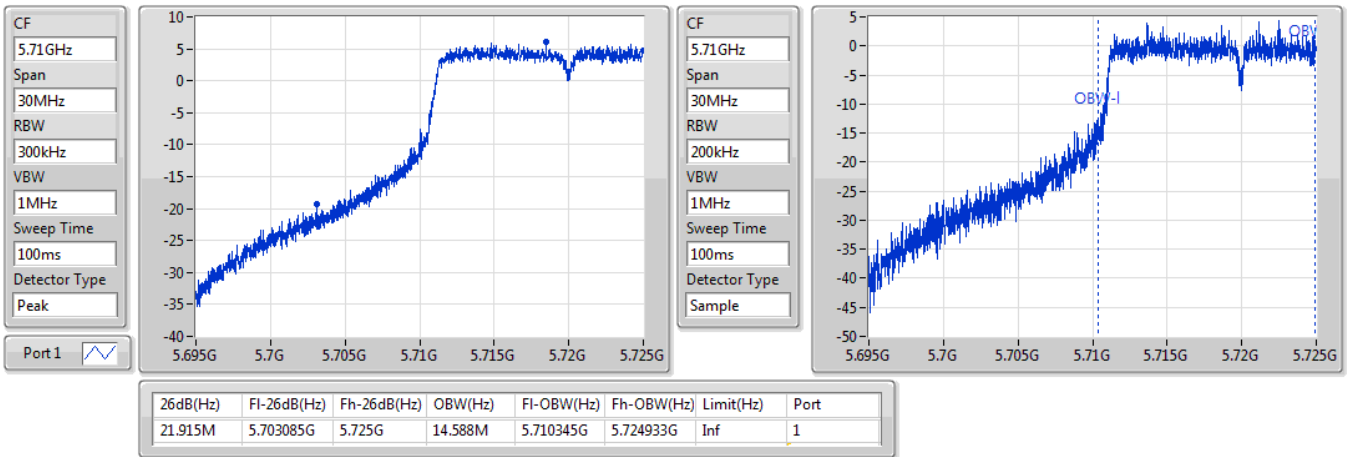

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

04/07/2019

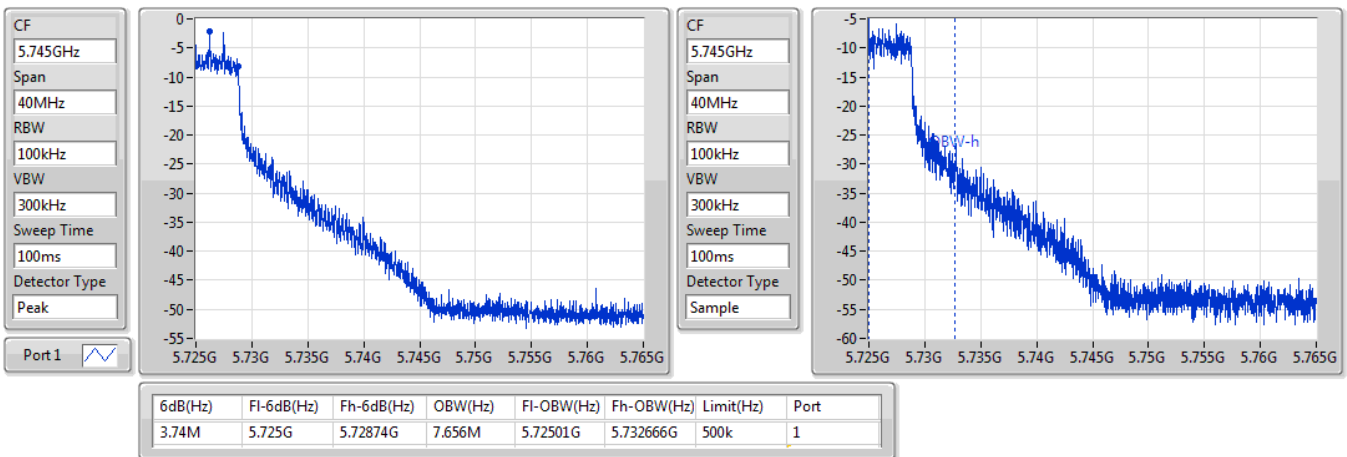


**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

04/07/2019

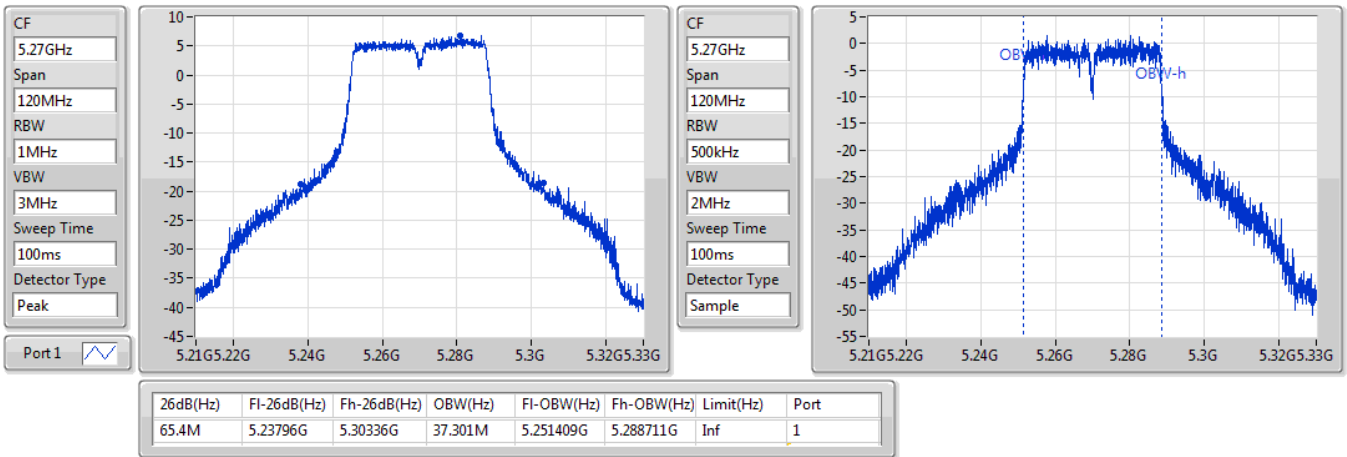

**802.11ac VHT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

04/07/2019

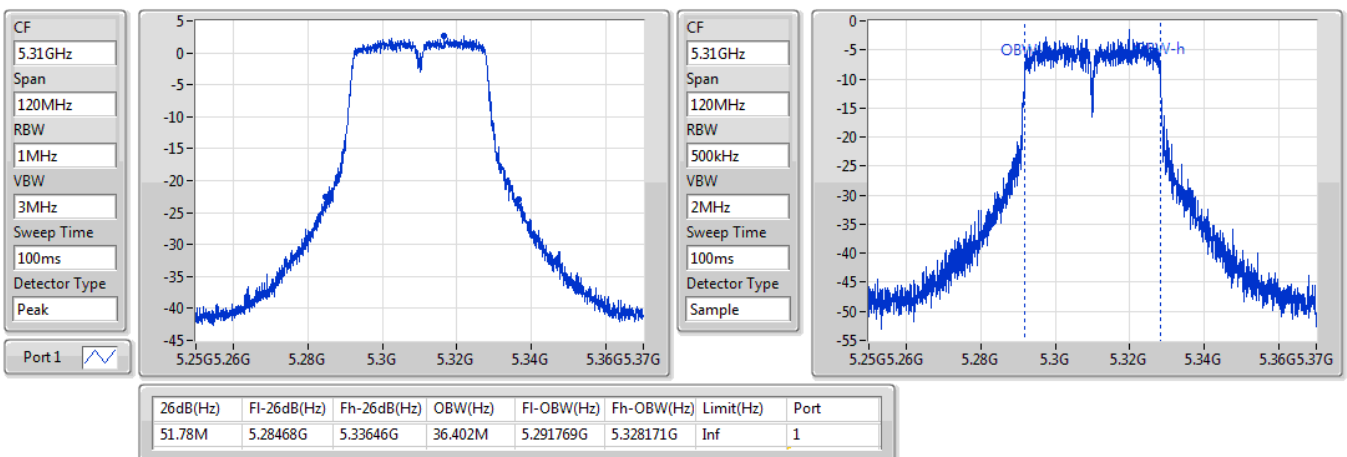


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5270MHz**

04/07/2019

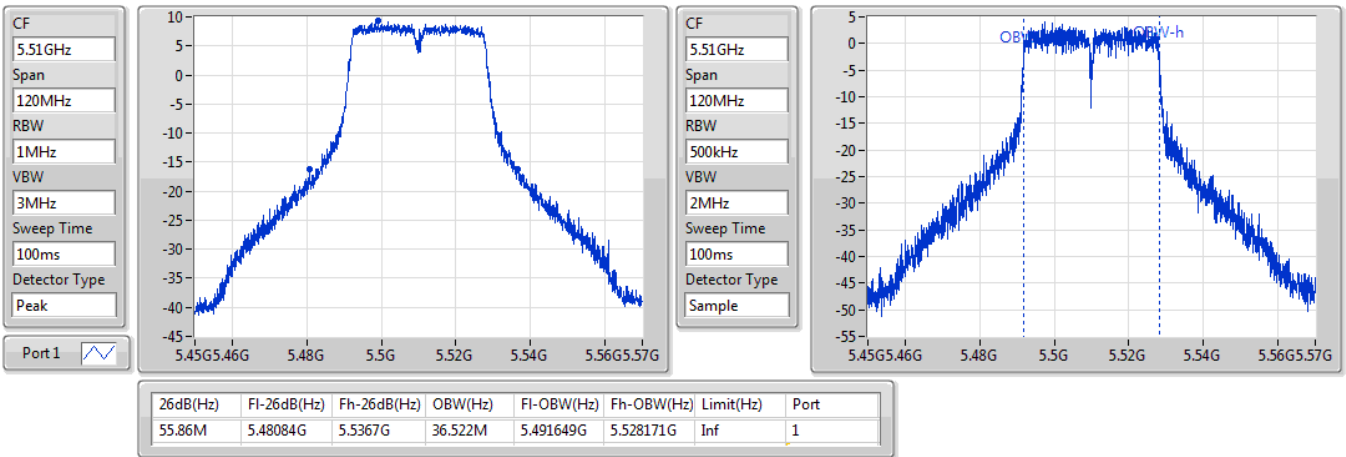

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5310MHz**

04/07/2019

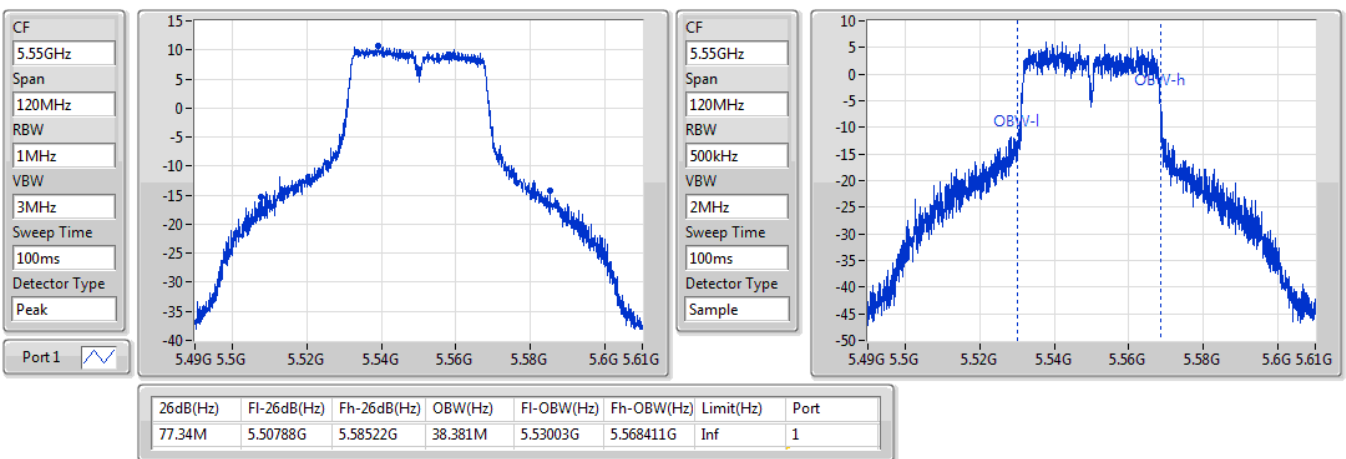


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5510MHz**

04/07/2019

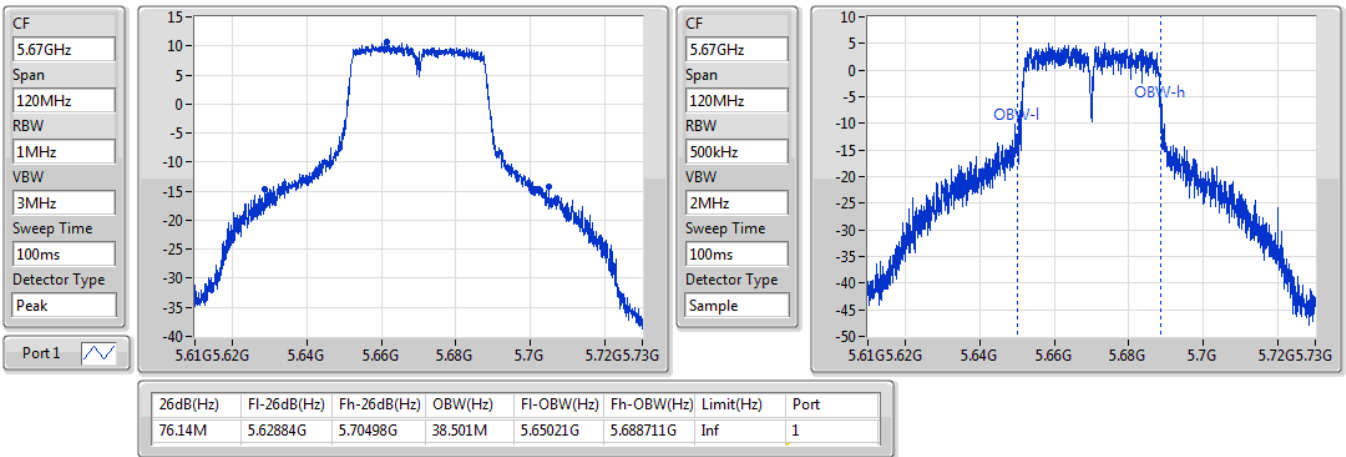

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5550MHz**

04/07/2019

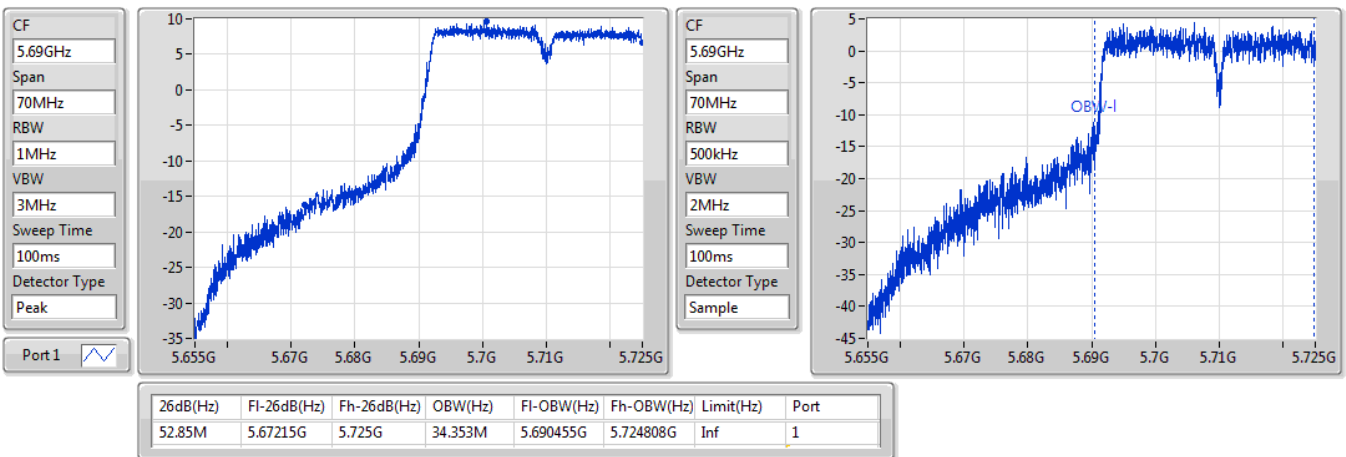


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5670MHz**

04/07/2019

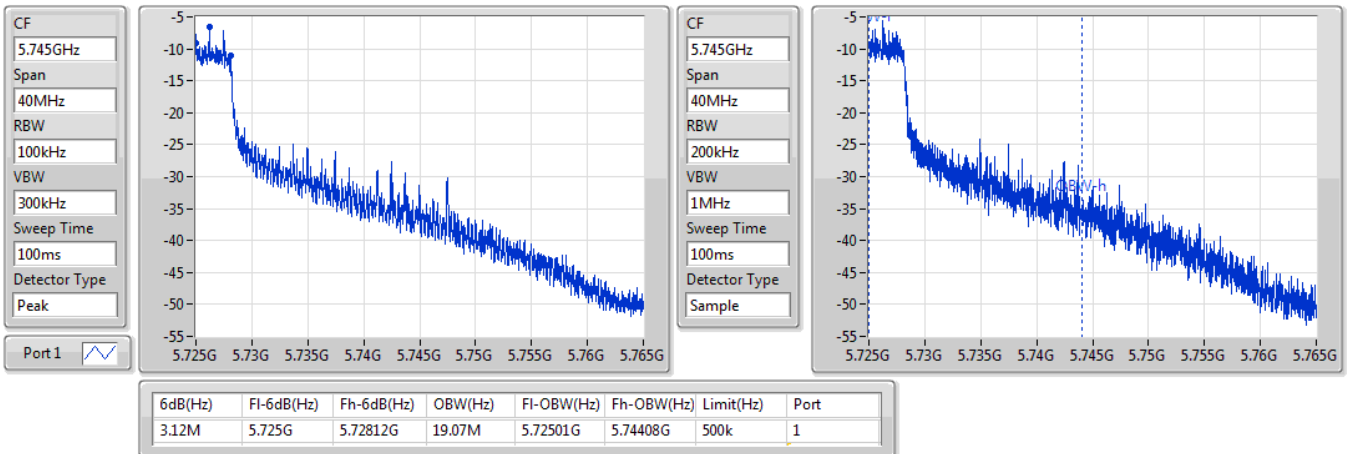

**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

04/07/2019

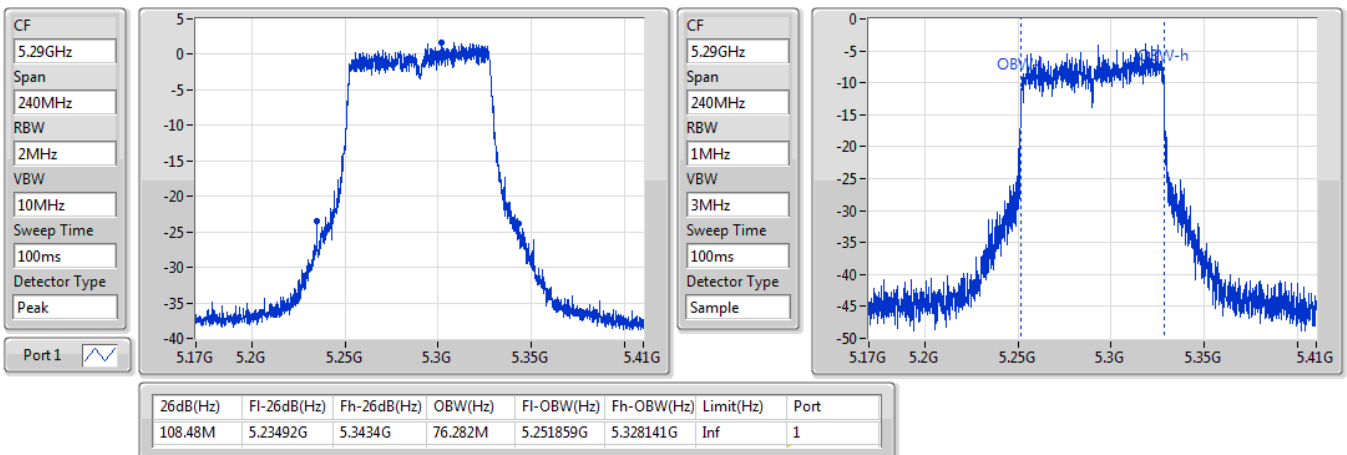


**802.11ac VHT40\_Nss1,(MCS0)\_1TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

04/07/2019

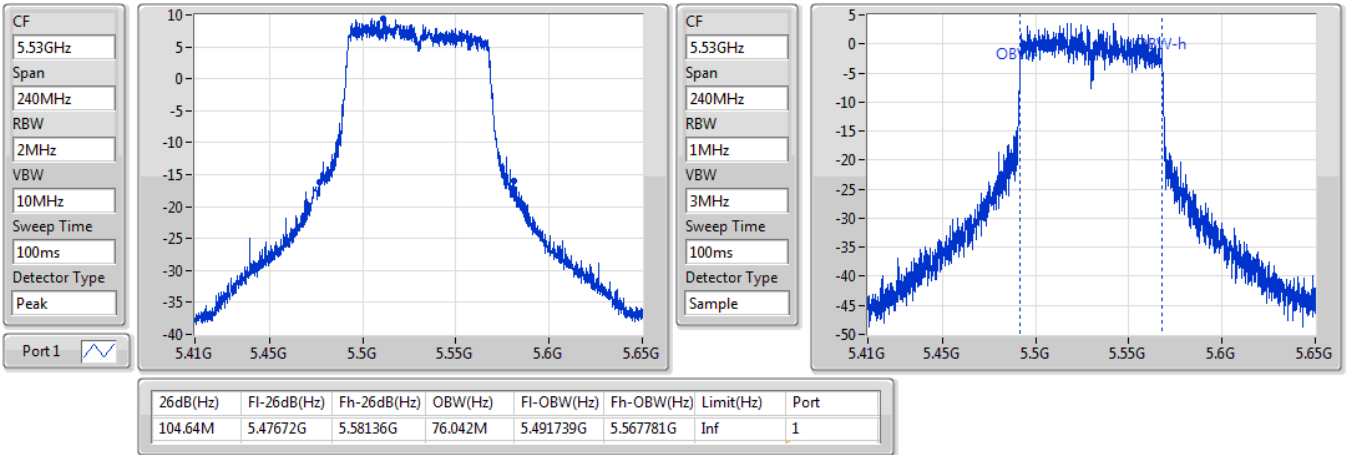

**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5290MHz**

04/07/2019

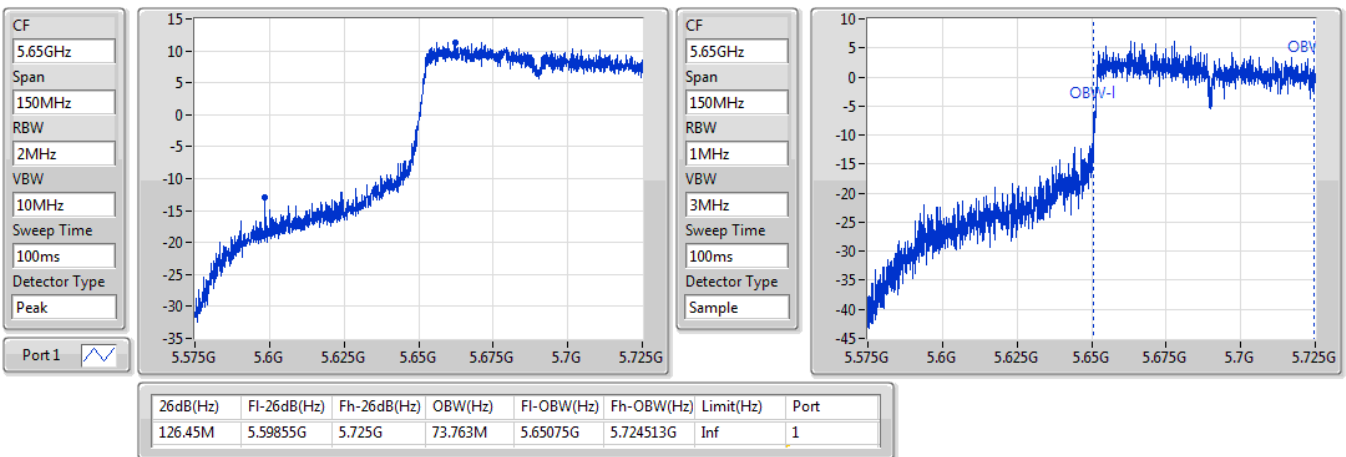


**802.11ac VHT80\_Nss1,(MCS0)\_1TX**
**EBW**
**5530MHz**

04/07/2019


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

04/07/2019

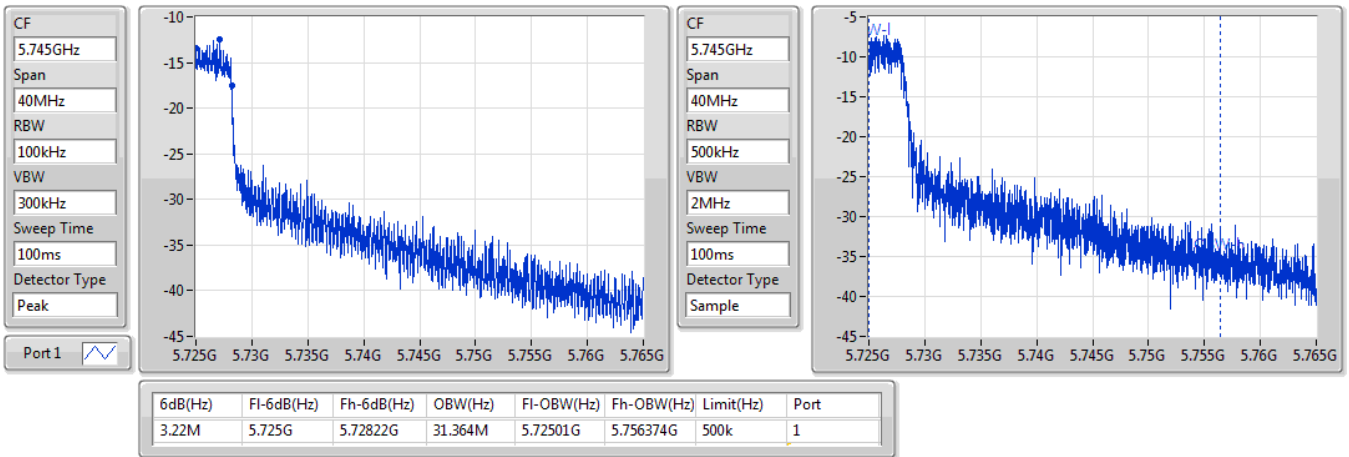


## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

### 5690MHz Straddle 5.725-5.85GHz

04/07/2019



## Summary

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                          | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 19.17                | 0.08260            | 23.84         | 0.24210     |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 18.72                | 0.07447            | 23.63         | 0.23067     |
| 802.11a_Nss1,(6Mbps)_2TX              | 21.78                | 0.15066            | 26.69         | 0.46666     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 19.37                | 0.08650            | 24.04         | 0.25351     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 18.66                | 0.07345            | 23.57         | 0.22751     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 21.95                | 0.15668            | 26.86         | 0.48529     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 19.11                | 0.08147            | 23.78         | 0.23878     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 18.78                | 0.07551            | 23.69         | 0.23388     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 21.96                | 0.15704            | 26.87         | 0.48641     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | 17.06                | 0.05082            | 21.73         | 0.14894     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 17.20                | 0.05248            | 22.11         | 0.16255     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 18.74                | 0.07482            | 23.65         | 0.23174     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 19.62                | 0.09162            | 24.29         | 0.26853     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 18.71                | 0.07430            | 23.62         | 0.23014     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 22.27                | 0.16866            | 27.18         | 0.52240     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 19.35                | 0.08610            | 24.02         | 0.25235     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 18.90                | 0.07762            | 23.81         | 0.24044     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 22.05                | 0.16032            | 26.96         | 0.49659     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | 17.27                | 0.05333            | 21.94         | 0.15631     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 17.54                | 0.05675            | 22.45         | 0.17579     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 19.09                | 0.08110            | 24.00         | 0.25119     |
| 5.47-5.725GHz                         | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 19.99                | 0.09977            | 25.28         | 0.33729     |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 19.57                | 0.09057            | 24.55         | 0.28510     |
| 802.11a_Nss1,(6Mbps)_2TX              | 21.58                | 0.14388            | 26.87         | 0.48641     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 19.35                | 0.08610            | 24.64         | 0.29107     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 18.96                | 0.07870            | 23.94         | 0.24774     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 21.37                | 0.13709            | 26.66         | 0.46345     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 19.27                | 0.08453            | 24.56         | 0.28576     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 18.82                | 0.07621            | 23.80         | 0.23988     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 22.16                | 0.16444            | 27.45         | 0.55590     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | 19.62                | 0.09162            | 24.91         | 0.30974     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 18.47                | 0.07031            | 23.45         | 0.22131     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 22.13                | 0.16331            | 27.42         | 0.55208     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 19.53                | 0.08974            | 24.82         | 0.30339     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 19.21                | 0.08337            | 24.19         | 0.26242     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 22.06                | 0.16069            | 27.35         | 0.54325     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 19.56                | 0.09036            | 24.85         | 0.30549     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 19.06                | 0.08054            | 24.04         | 0.25351     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 22.33                | 0.17100            | 27.62         | 0.57810     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | 19.54                | 0.08995            | 24.83         | 0.30409     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 18.38                | 0.06887            | 23.36         | 0.21677     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 22.04                | 0.15996            | 27.33         | 0.54075     |



## Average Power\_Radio 1\_Non-Beamforming

## Appendix B.1

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.725-5.85GHz                         | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 12.73                | 0.01875            | 17.50         | 0.05623     |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 12.45                | 0.01758            | 17.35         | 0.05433     |
| 802.11a_Nss1,(6Mbps)_2TX              | 14.77                | 0.02999            | 19.67         | 0.09268     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 13.01                | 0.02000            | 17.78         | 0.05998     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 12.71                | 0.01866            | 17.61         | 0.05768     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 14.47                | 0.02799            | 19.37         | 0.08650     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 8.36                 | 0.00685            | 13.13         | 0.02056     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 8.07                 | 0.00641            | 12.97         | 0.01982     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 11.23                | 0.01327            | 16.13         | 0.04102     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | 4.50                 | 0.00282            | 9.27          | 0.00845     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 4.30                 | 0.00269            | 9.20          | 0.00832     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 7.52                 | 0.00565            | 12.42         | 0.01746     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 13.55                | 0.02265            | 18.32         | 0.06792     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 13.31                | 0.02143            | 18.21         | 0.06622     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 15.53                | 0.03573            | 20.43         | 0.11041     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 9.28                 | 0.00847            | 14.05         | 0.02541     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 8.96                 | 0.00787            | 13.86         | 0.02432     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 12.12                | 0.01629            | 17.02         | 0.05035     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | 5.69                 | 0.00371            | 10.46         | 0.01112     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 5.42                 | 0.00348            | 10.32         | 0.01076     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 8.67                 | 0.00736            | 13.57         | 0.02275     |

## Result

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.67        | 19.17           |                 | 19.17                | 23.95                | 23.84         | 29.95               |
| 5300MHz                               | Pass   | 4.67        | 19.10           |                 | 19.10                | 24.00                | 23.77         | 30.00               |
| 5320MHz                               | Pass   | 4.67        | 19.17           |                 | 19.17                | 24.00                | 23.84         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 19.99           |                 | 19.99                | 24.00                | 25.28         | 30.00               |
| 5580MHz                               | Pass   | 5.29        | 19.45           |                 | 19.45                | 24.00                | 24.74         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 18.40           |                 | 18.40                | 23.99                | 23.69         | 29.99               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.18           |                 | 19.18                | 22.87                | 24.47         | 28.87               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 12.73           |                 | 12.73                | 30.00                | 17.50         | 36.00               |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        |                 | 18.72           | 18.72                | 23.93                | 23.63         | 29.93               |
| 5300MHz                               | Pass   | 4.91        |                 | 18.54           | 18.54                | 24.00                | 23.45         | 30.00               |
| 5320MHz                               | Pass   | 4.91        |                 | 18.68           | 18.68                | 24.00                | 23.59         | 30.00               |
| 5500MHz                               | Pass   | 4.98        |                 | 19.57           | 19.57                | 24.00                | 24.55         | 30.00               |
| 5580MHz                               | Pass   | 4.98        |                 | 18.83           | 18.83                | 24.00                | 23.81         | 30.00               |
| 5700MHz                               | Pass   | 4.98        |                 | 17.64           | 17.64                | 23.95                | 22.62         | 29.95               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 18.15           | 18.15                | 22.81                | 23.13         | 28.81               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 12.45           | 12.45                | 30.00                | 17.35         | 36.00               |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        | 18.88           | 18.33           | 21.62                | 23.95                | 26.53         | 29.95               |
| 5300MHz                               | Pass   | 4.91        | 19.11           | 18.40           | 21.78                | 24.00                | 26.69         | 30.00               |
| 5320MHz                               | Pass   | 4.91        | 18.79           | 18.34           | 21.58                | 24.00                | 26.49         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 18.87           | 18.24           | 21.58                | 24.01                | 26.87         | 30.01               |
| 5580MHz                               | Pass   | 5.29        | 18.77           | 18.09           | 21.45                | 24.00                | 26.74         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 17.92           | 16.66           | 20.35                | 23.83                | 25.64         | 29.83               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 18.47           | 17.11           | 20.85                | 22.79                | 26.14         | 28.79               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 11.92           | 11.59           | 14.77                | 30.00                | 19.67         | 36.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.67        | 19.02           |                 | 19.02                | 24.00                | 23.69         | 30.00               |
| 5300MHz                               | Pass   | 4.67        | 19.04           |                 | 19.04                | 24.00                | 23.71         | 30.00               |
| 5320MHz                               | Pass   | 4.67        | 19.37           |                 | 19.37                | 24.00                | 24.04         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 19.00           |                 | 19.00                | 24.00                | 24.29         | 30.00               |
| 5580MHz                               | Pass   | 5.29        | 19.35           |                 | 19.35                | 24.00                | 24.64         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 18.26           |                 | 18.26                | 24.00                | 23.55         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.02           |                 | 19.02                | 23.01                | 24.31         | 29.01               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 13.01           |                 | 13.01                | 30.00                | 17.78         | 36.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        |                 | 18.66           | 18.66                | 24.00                | 23.57         | 30.00               |
| 5300MHz                               | Pass   | 4.91        |                 | 18.46           | 18.46                | 24.00                | 23.37         | 30.00               |
| 5320MHz                               | Pass   | 4.91        |                 | 18.58           | 18.58                | 24.00                | 23.49         | 30.00               |
| 5500MHz                               | Pass   | 4.98        |                 | 18.96           | 18.96                | 24.00                | 23.94         | 30.00               |
| 5580MHz                               | Pass   | 4.98        |                 | 18.73           | 18.73                | 24.00                | 23.71         | 30.00               |
| 5700MHz                               | Pass   | 4.98        |                 | 17.94           | 17.94                | 24.00                | 22.92         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 17.81           | 17.81                | 22.90                | 22.79         | 28.90               |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 12.71           | 12.71                | 30.00                | 17.61         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        | 19.06           | 18.66           | 21.87                | 24.00                | 26.78         | 30.00               |
| 5300MHz                               | Pass   | 4.91        | 18.96           | 18.38           | 21.69                | 24.00                | 26.60         | 30.00               |
| 5320MHz                               | Pass   | 4.91        | 19.27           | 18.59           | 21.95                | 24.00                | 26.86         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 18.15           | 17.77           | 20.97                | 24.00                | 26.26         | 30.00               |
| 5580MHz                               | Pass   | 5.29        | 18.69           | 18.01           | 21.37                | 24.00                | 26.66         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 17.18           | 16.12           | 19.69                | 24.00                | 24.98         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 17.72           | 17.32           | 20.53                | 22.89                | 25.82         | 28.89               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 11.59           | 11.32           | 14.47                | 30.00                | 19.37         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.67        | 19.11           |                 | 19.11                | 24.00                | 23.78         | 30.00               |
| 5310MHz                               | Pass   | 4.67        | 17.51           |                 | 17.51                | 24.00                | 22.18         | 30.00               |
| 5510MHz                               | Pass   | 5.29        | 17.06           |                 | 17.06                | 24.00                | 22.35         | 30.00               |
| 5550MHz                               | Pass   | 5.29        | 19.27           |                 | 19.27                | 24.00                | 24.56         | 30.00               |
| 5670MHz                               | Pass   | 5.29        | 19.15           |                 | 19.15                | 24.00                | 24.44         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.26           |                 | 19.26                | 24.00                | 24.55         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 8.36            |                 | 8.36                 | 30.00                | 13.13         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.91        |                 | 18.78           | 18.78                | 24.00                | 23.69         | 30.00               |
| 5310MHz                               | Pass   | 4.91        |                 | 17.66           | 17.66                | 24.00                | 22.57         | 30.00               |
| 5510MHz                               | Pass   | 4.98        |                 | 17.68           | 17.68                | 24.00                | 22.66         | 30.00               |
| 5550MHz                               | Pass   | 4.98        |                 | 18.82           | 18.82                | 24.00                | 23.80         | 30.00               |
| 5670MHz                               | Pass   | 4.98        |                 | 18.46           | 18.46                | 24.00                | 23.44         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 18.14           | 18.14                | 24.00                | 23.12         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 8.07            | 8.07                 | 30.00                | 12.97         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.91        | 19.16           | 18.72           | 21.96                | 24.00                | 26.87         | 30.00               |
| 5310MHz                               | Pass   | 4.91        | 16.65           | 15.54           | 19.14                | 24.00                | 24.05         | 30.00               |
| 5510MHz                               | Pass   | 5.29        | 17.18           | 16.70           | 19.96                | 24.00                | 25.25         | 30.00               |
| 5550MHz                               | Pass   | 5.29        | 19.46           | 18.82           | 22.16                | 24.00                | 27.45         | 30.00               |
| 5670MHz                               | Pass   | 5.29        | 18.50           | 17.54           | 21.06                | 24.00                | 26.35         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.44           | 18.17           | 21.86                | 24.00                | 27.15         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 8.29            | 8.14            | 11.23                | 30.00                | 16.13         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                               | Pass   | 4.67        | 17.06           |                 | 17.06                | 24.00                | 21.73         | 30.00               |
| 5530MHz                               | Pass   | 5.29        | 16.76           |                 | 16.76                | 24.00                | 22.05         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.62           |                 | 19.62                | 24.00                | 24.91         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 4.50            |                 | 4.50                 | 30.00                | 9.27          | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                               | Pass   | 4.91        |                 | 17.20           | 17.20                | 24.00                | 22.11         | 30.00               |
| 5530MHz                               | Pass   | 4.98        |                 | 17.47           | 17.47                | 24.00                | 22.45         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 18.47           | 18.47                | 24.00                | 23.45         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 4.30            | 4.30                 | 30.00                | 9.20          | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5290MHz                               | Pass   | 4.91        | 16.12           | 15.30           | 18.74                | 24.00                | 23.65         | 30.00               |
| 5530MHz                               | Pass   | 5.29        | 15.99           | 15.58           | 18.80                | 24.00                | 24.09         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.67           | 18.48           | 22.13                | 24.00                | 27.42         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 4.73            | 4.27            | 7.52                 | 30.00                | 12.42         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.67        | 19.32           |                 | 19.32                | 24.00                | 23.99         | 30.00               |
| 5300MHz                               | Pass   | 4.67        | 19.27           |                 | 19.27                | 24.00                | 23.94         | 30.00               |
| 5320MHz                               | Pass   | 4.67        | 19.62           |                 | 19.62                | 24.00                | 24.29         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 19.28           |                 | 19.28                | 24.00                | 24.57         | 30.00               |
| 5580MHz                               | Pass   | 5.29        | 19.53           |                 | 19.53                | 24.00                | 24.82         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 18.47           |                 | 18.47                | 24.00                | 23.76         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.11           |                 | 19.11                | 23.17                | 24.40         | 29.17               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 13.55           |                 | 13.55                | 30.00                | 18.32         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        |                 | 18.55           | 18.55                | 24.00                | 23.46         | 30.00               |
| 5300MHz                               | Pass   | 4.91        |                 | 18.61           | 18.61                | 24.00                | 23.52         | 30.00               |
| 5320MHz                               | Pass   | 4.91        |                 | 18.71           | 18.71                | 24.00                | 23.62         | 30.00               |
| 5500MHz                               | Pass   | 4.98        |                 | 19.21           | 19.21                | 24.00                | 24.19         | 30.00               |
| 5580MHz                               | Pass   | 4.98        |                 | 18.95           | 18.95                | 24.00                | 23.93         | 30.00               |
| 5700MHz                               | Pass   | 4.98        |                 | 18.18           | 18.18                | 24.00                | 23.16         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 17.99           | 17.99                | 23.02                | 22.97         | 29.02               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 13.31           | 13.31                | 30.00                | 18.21         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                               | Pass   | 4.91        | 19.32           | 18.56           | 21.97                | 24.00                | 26.88         | 30.00               |
| 5300MHz                               | Pass   | 4.91        | 19.28           | 18.58           | 21.95                | 24.00                | 26.86         | 30.00               |
| 5320MHz                               | Pass   | 4.91        | 19.65           | 18.84           | 22.27                | 24.00                | 27.18         | 30.00               |
| 5500MHz                               | Pass   | 5.29        | 18.46           | 18.03           | 21.26                | 24.00                | 26.55         | 30.00               |
| 5580MHz                               | Pass   | 5.29        | 19.34           | 18.74           | 22.06                | 24.00                | 27.35         | 30.00               |
| 5700MHz                               | Pass   | 5.29        | 17.66           | 16.34           | 20.06                | 24.00                | 25.35         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 18.28           | 17.93           | 21.12                | 23.03                | 26.41         | 29.03               |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 12.64           | 12.39           | 15.53                | 30.00                | 20.43         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.67        | 19.35           |                 | 19.35                | 24.00                | 24.02         | 30.00               |
| 5310MHz                               | Pass   | 4.67        | 17.63           |                 | 17.63                | 24.00                | 22.30         | 30.00               |
| 5510MHz                               | Pass   | 5.29        | 17.46           |                 | 17.46                | 24.00                | 22.75         | 30.00               |
| 5550MHz                               | Pass   | 5.29        | 19.56           |                 | 19.56                | 24.00                | 24.85         | 30.00               |
| 5670MHz                               | Pass   | 5.29        | 19.54           |                 | 19.54                | 24.00                | 24.83         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.49           |                 | 19.49                | 24.00                | 24.78         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 9.28            |                 | 9.28                 | 30.00                | 14.05         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.91        |                 | 18.90           | 18.90                | 24.00                | 23.81         | 30.00               |
| 5310MHz                               | Pass   | 4.91        |                 | 17.81           | 17.81                | 24.00                | 22.72         | 30.00               |
| 5510MHz                               | Pass   | 4.98        |                 | 18.02           | 18.02                | 24.00                | 23.00         | 30.00               |
| 5550MHz                               | Pass   | 4.98        |                 | 19.06           | 19.06                | 24.00                | 24.04         | 30.00               |
| 5670MHz                               | Pass   | 4.98        |                 | 18.61           | 18.61                | 24.00                | 23.59         | 30.00               |



## Average Power\_Radio 1\_Non-Beamforming

## Appendix B.1

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 18.18           | 18.18                | 24.00                | 23.16         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 8.96            | 8.96                 | 30.00                | 13.86         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                               | Pass   | 4.91        | 19.23           | 18.84           | 22.05                | 24.00                | 26.96         | 30.00               |
| 5310MHz                               | Pass   | 4.91        | 16.78           | 15.86           | 19.35                | 24.00                | 24.26         | 30.00               |
| 5510MHz                               | Pass   | 5.29        | 17.44           | 17.04           | 20.25                | 24.00                | 25.54         | 30.00               |
| 5550MHz                               | Pass   | 5.29        | 19.59           | 19.03           | 22.33                | 24.00                | 27.62         | 30.00               |
| 5670MHz                               | Pass   | 5.29        | 18.72           | 17.67           | 21.24                | 24.00                | 26.53         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.50           | 18.21           | 21.91                | 24.00                | 27.20         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 9.23            | 8.98            | 12.12                | 30.00                | 17.02         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                               | Pass   | 4.67        | 17.27           |                 | 17.27                | 24.00                | 21.94         | 30.00               |
| 5530MHz                               | Pass   | 5.29        | 17.27           |                 | 17.27                | 24.00                | 22.56         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.54           |                 | 19.54                | 24.00                | 24.83         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 5.69            |                 | 5.69                 | 30.00                | 10.46         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                               | Pass   | 4.91        |                 | 17.54           | 17.54                | 24.00                | 22.45         | 30.00               |
| 5530MHz                               | Pass   | 4.98        |                 | 17.77           | 17.77                | 24.00                | 22.75         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                 | 18.38           | 18.38                | 24.00                | 23.36         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                 | 5.42            | 5.42                 | 30.00                | 10.32         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                               | Pass   | 4.91        | 16.48           | 15.63           | 19.09                | 24.00                | 24.00         | 30.00               |
| 5530MHz                               | Pass   | 5.29        | 16.42           | 15.81           | 19.14                | 24.00                | 24.43         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 19.56           | 18.42           | 22.04                | 24.00                | 27.33         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        | 5.81            | 5.50            | 8.67                 | 30.00                | 13.57         | 36.00               |

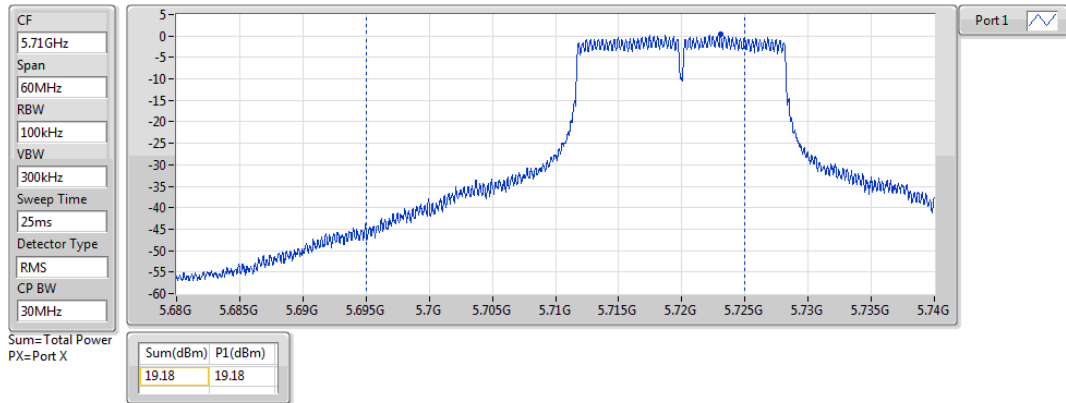
**DG** = Directional Gain; **Port X** = Port X output power

802.11a\_Nss1,(6Mbps)\_1TX(Port1)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

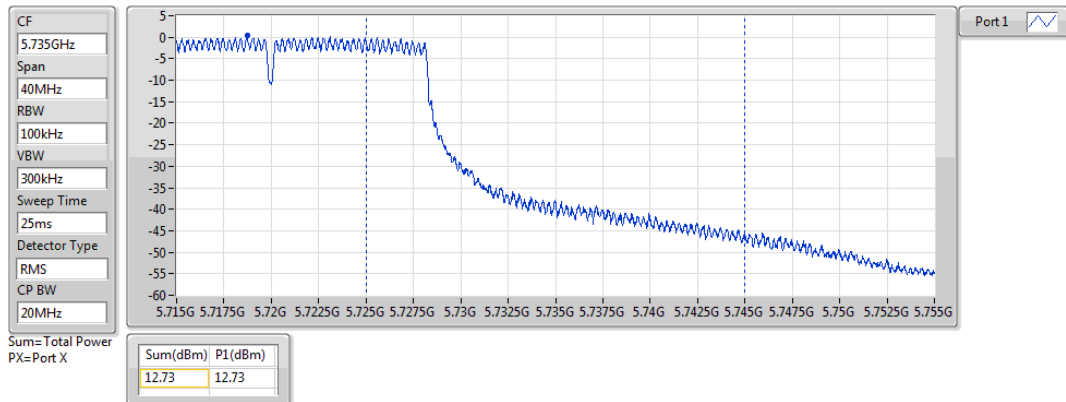


802.11a\_Nss1,(6Mbps)\_1TX(Port1)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

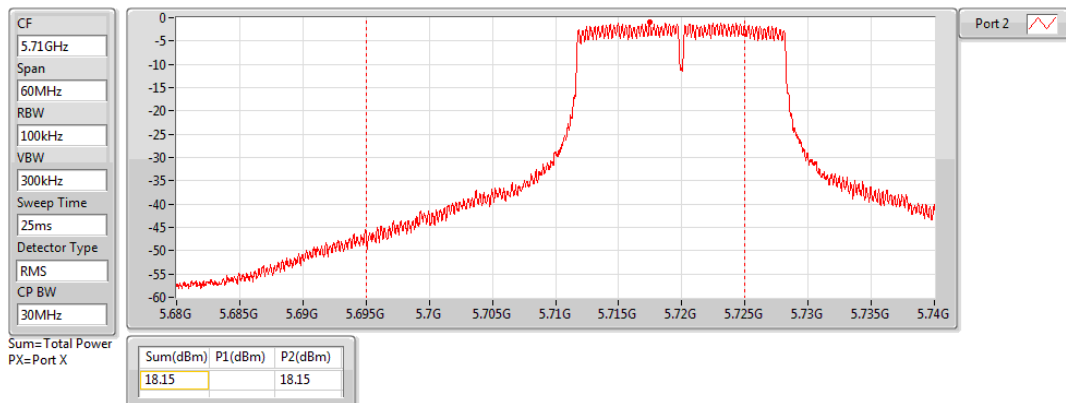


802.11a\_Nss1,(6Mbps)\_1TX(Port2)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

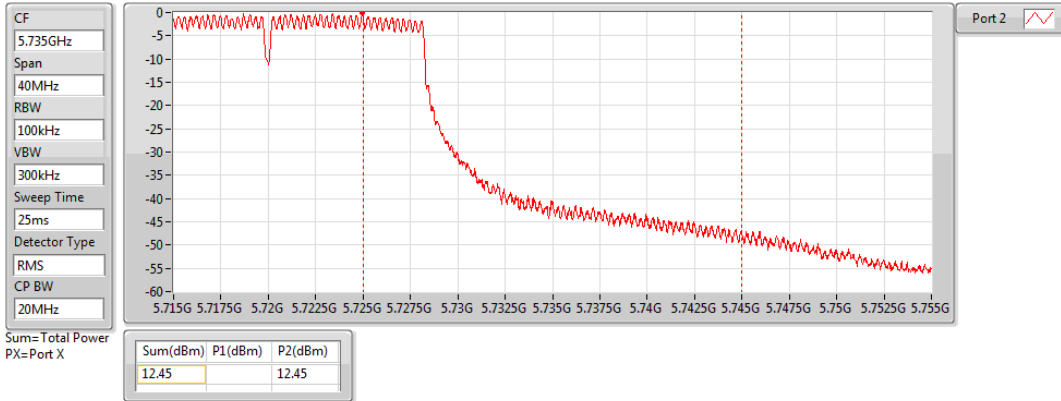


### 802.11a\_Nss1,(6Mbps)\_1TX(Port2)

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

18/07/2019

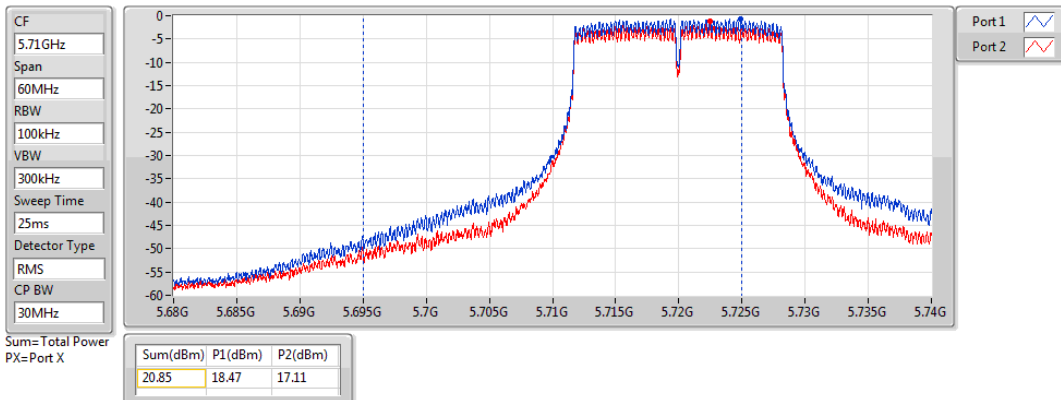


### 802.11a\_Nss1,(6Mbps)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

04/07/2019

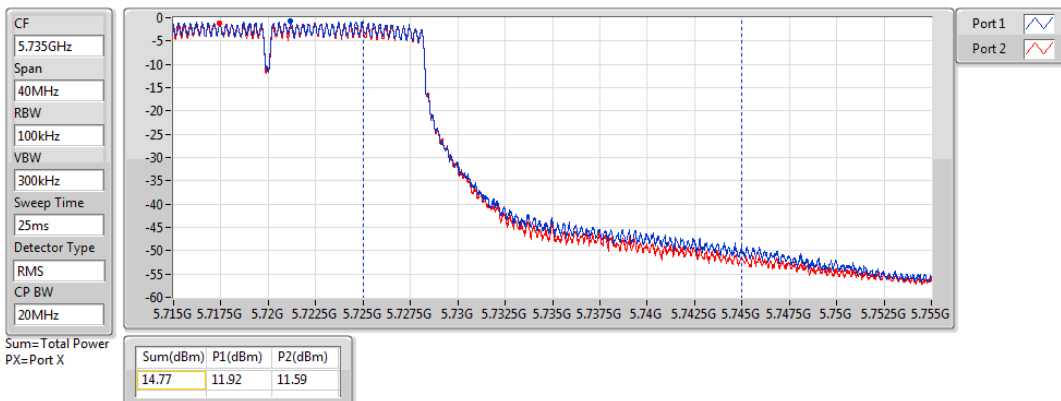


### 802.11a\_Nss1,(6Mbps)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

18/07/2019

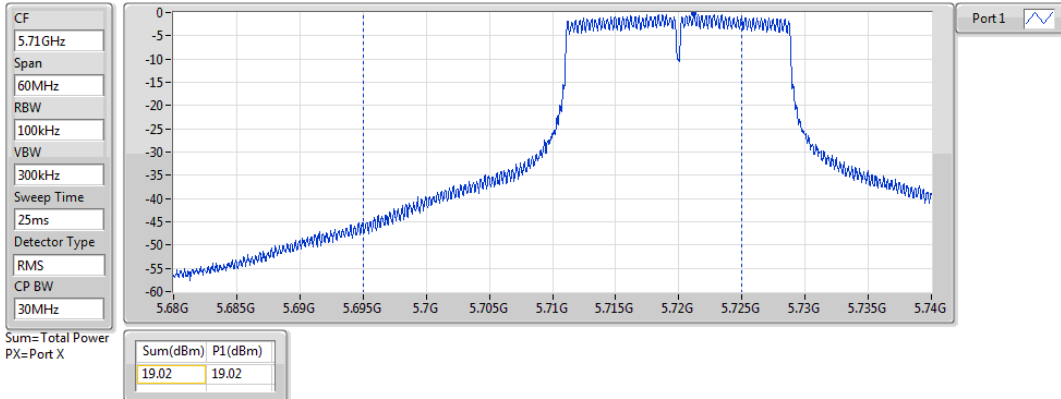


## 802.11ac VHT20\_Nss1,(MCS0)\_1TX(Port1)

## AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

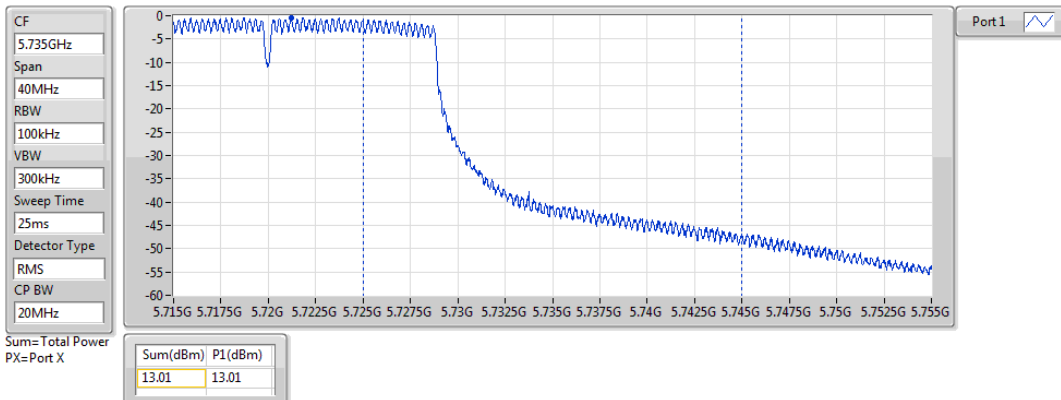


## 802.11ac VHT20\_Nss1,(MCS0)\_1TX(Port1)

## AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

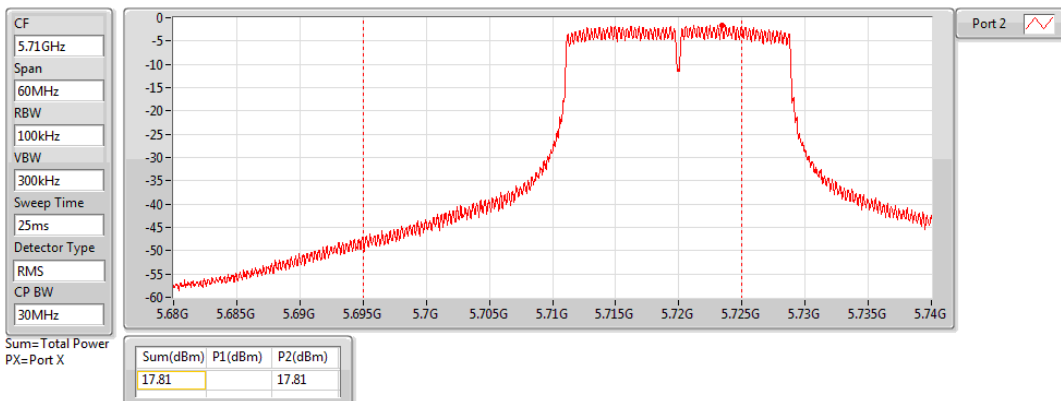


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## AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

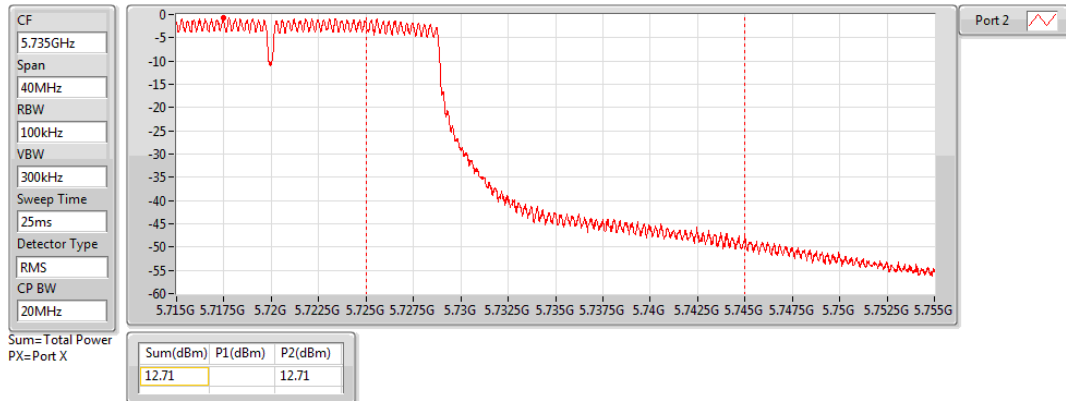


802.11ac VHT20\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

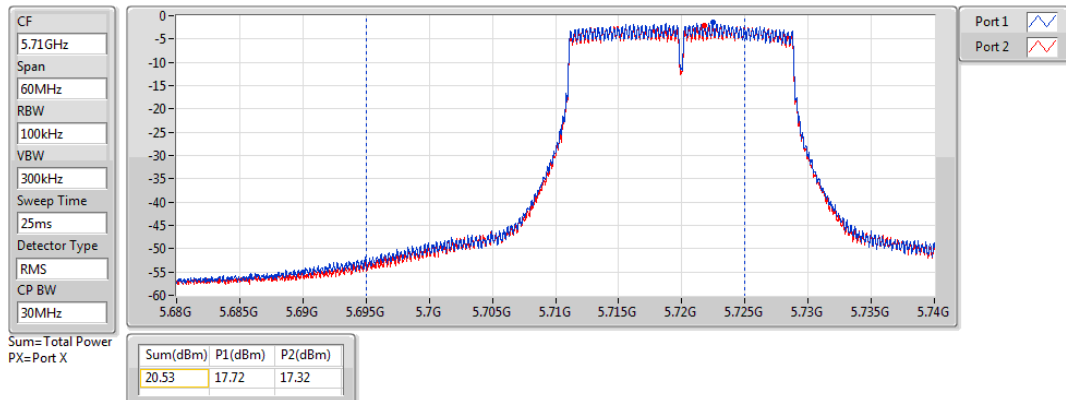


802.11ac VHT20\_Nss1,(MCS0)\_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

18/07/2019

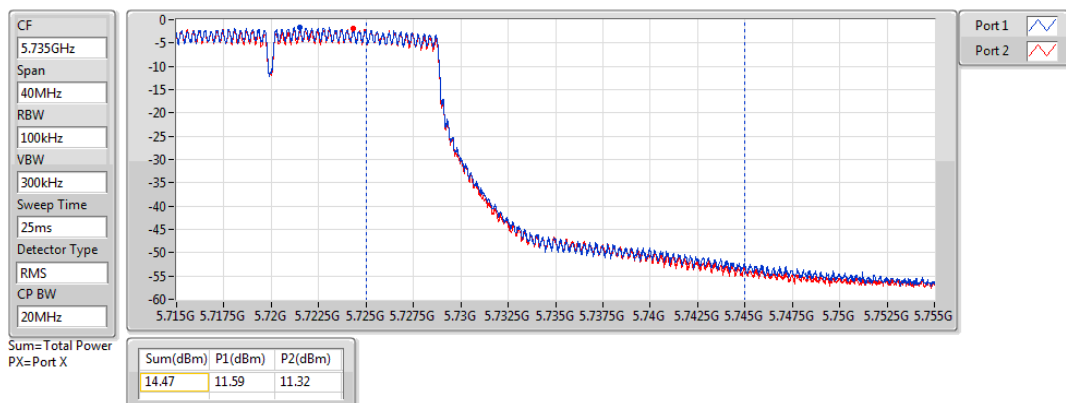


802.11ac VHT20\_Nss1,(MCS0)\_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

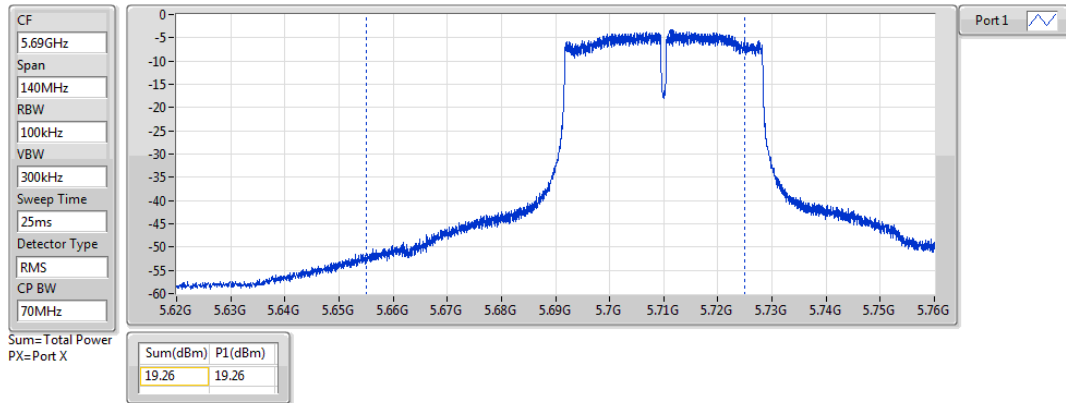


802.11ac VHT40\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

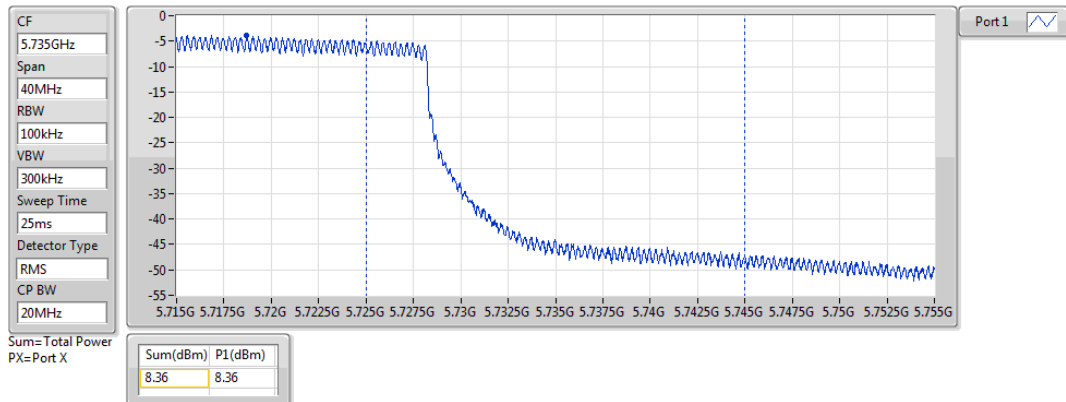


802.11ac VHT40\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

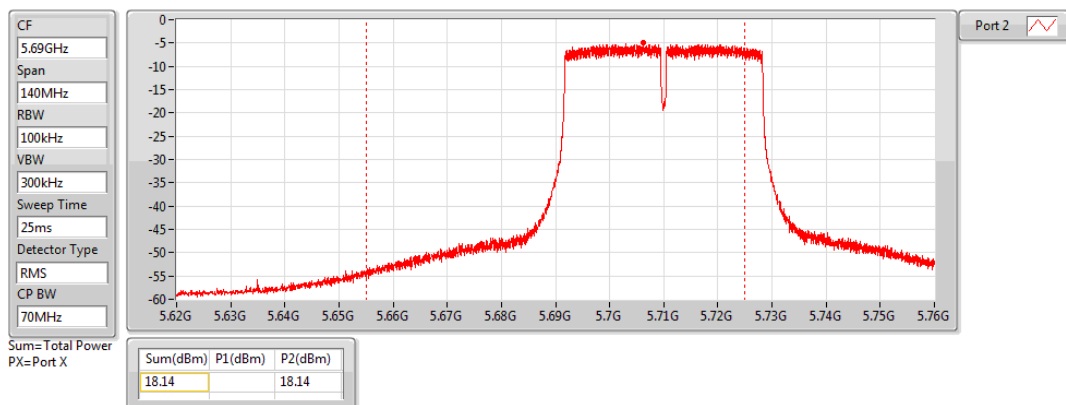


802.11ac VHT40\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5710MHz Straddle 5.47-5.725GHz

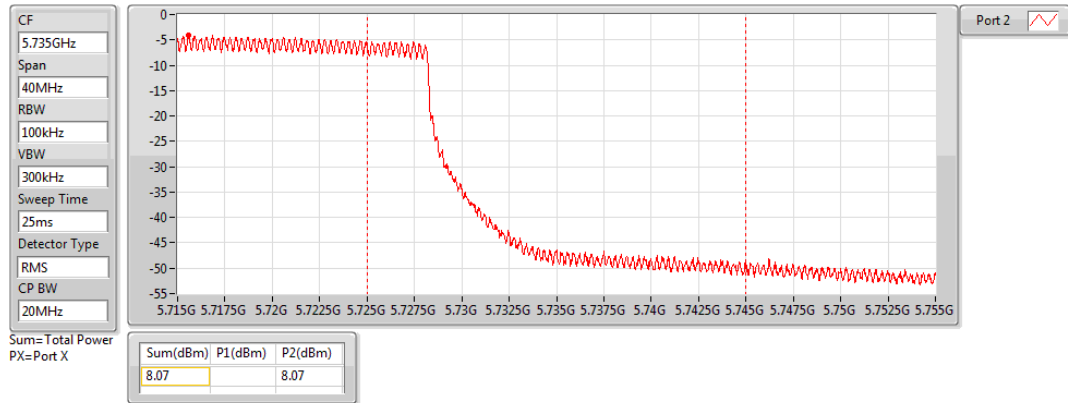
04/07/2019



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX(Port2)

## AV Power

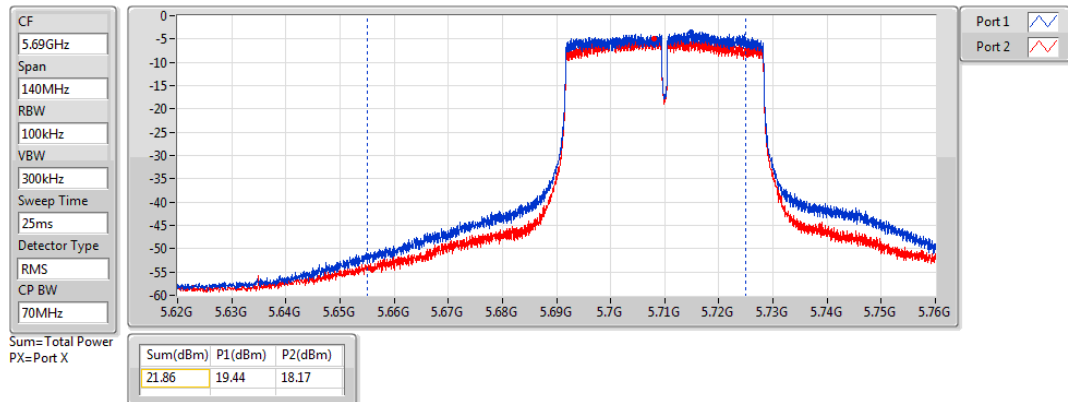
### 5710MHz Straddle 5.725-5.85GHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

## AV Power

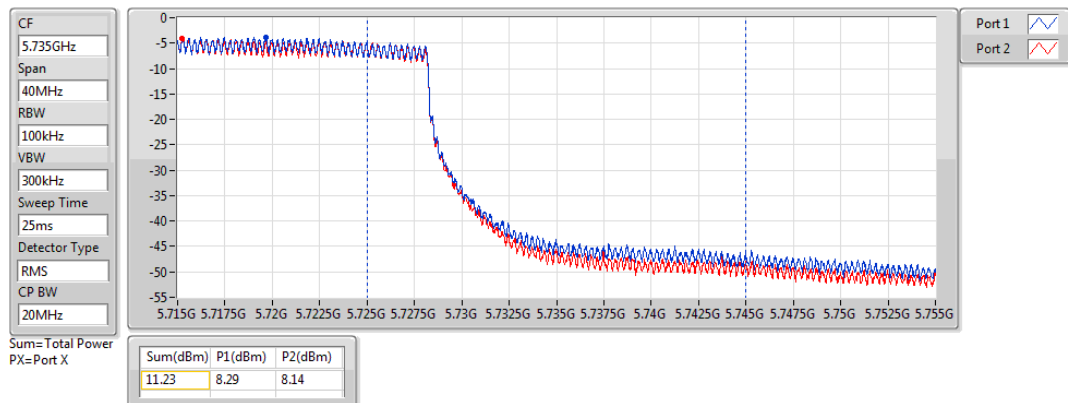
### 5710MHz Straddle 5.47-5.725GHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.725-5.85GHz

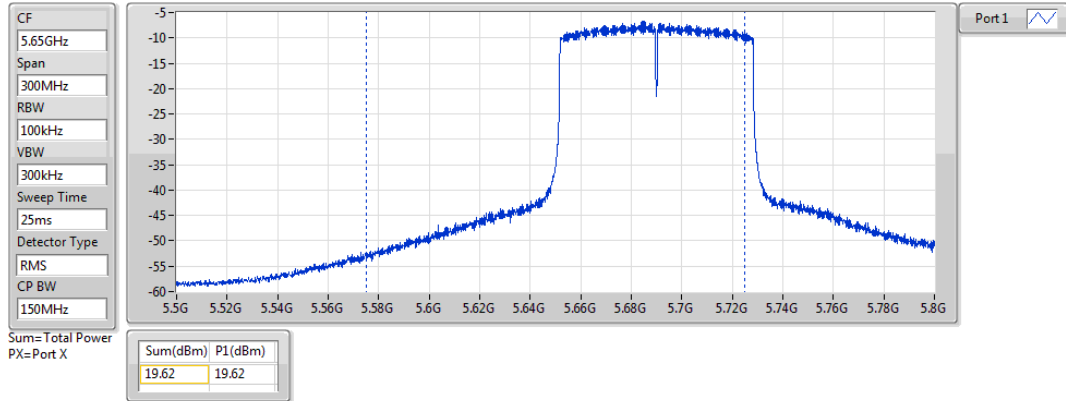


802.11ac VHT80\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

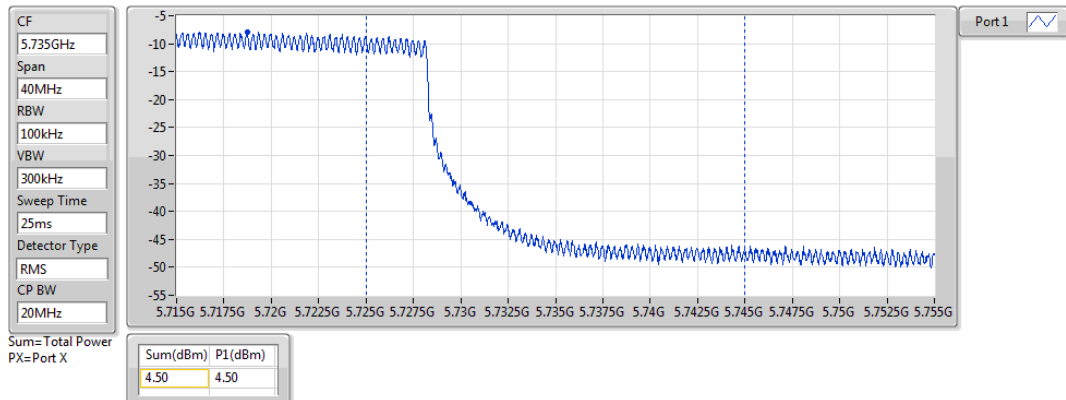


802.11ac VHT80\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

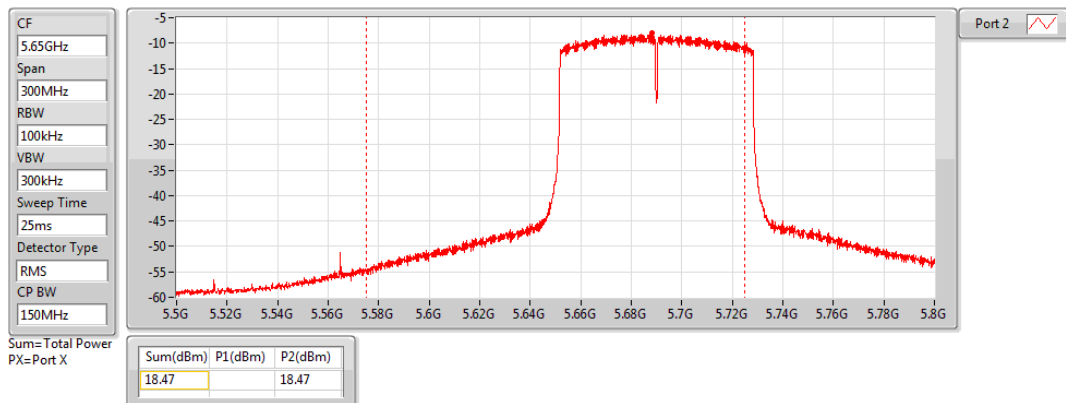


802.11ac VHT80\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

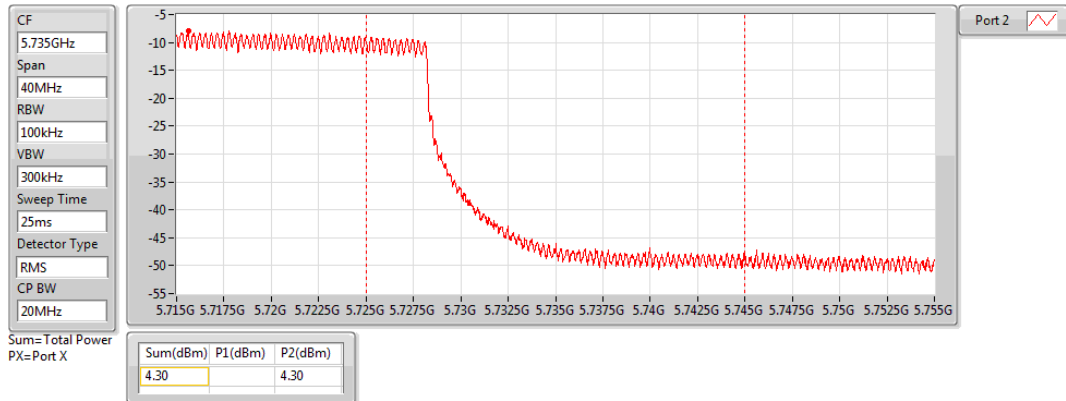


## 802.11ac VHT80\_Nss1,(MCS0)\_1TX(Port2)

## AV Power

### 5690MHz Straddle 5.725-5.85GHz

18/07/2019

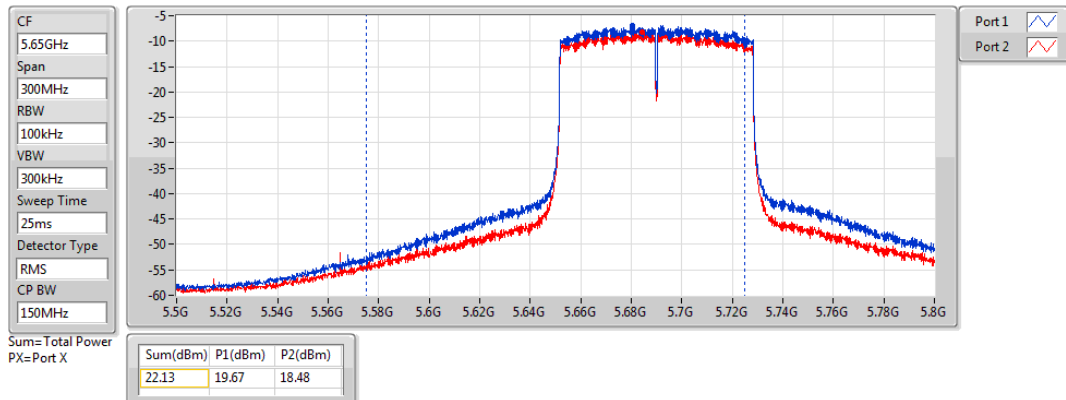


## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

## AV Power

### 5690MHz Straddle 5.47-5.725GHz

04/07/2019

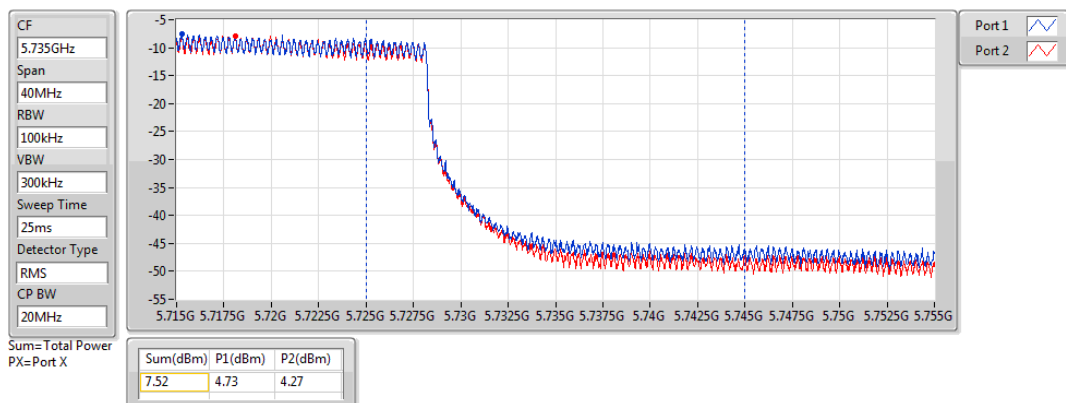


## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

## AV Power

### 5690MHz Straddle 5.725-5.85GHz

18/07/2019

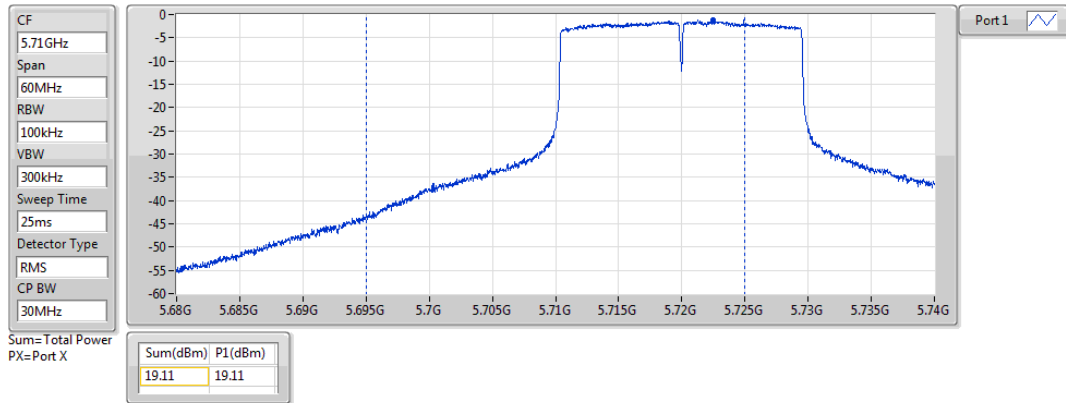


802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

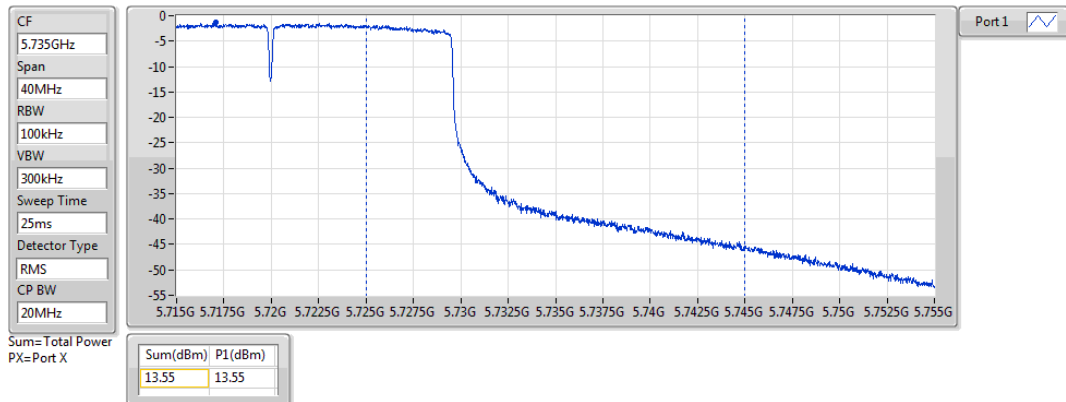


802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

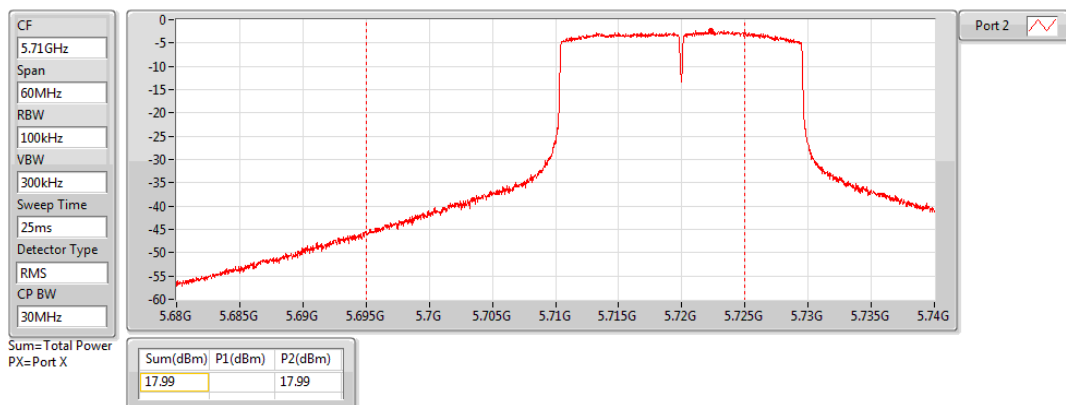


802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

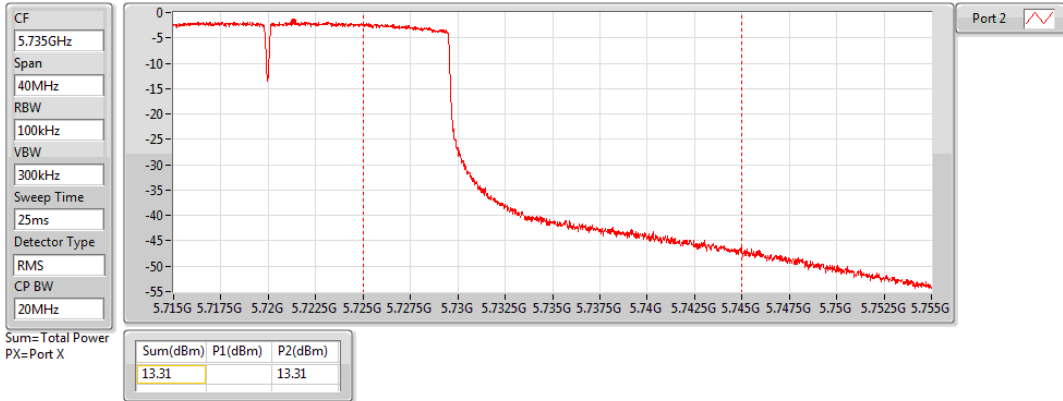


## 802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port2)

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

18/07/2019

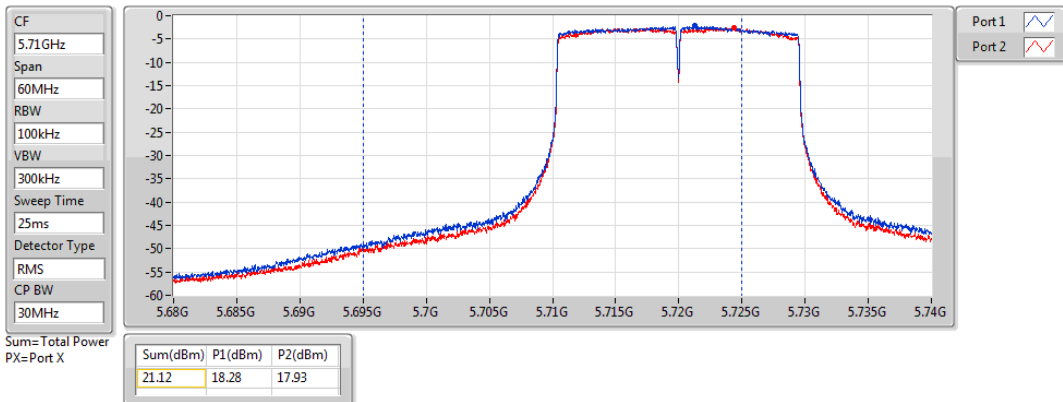


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

18/07/2019

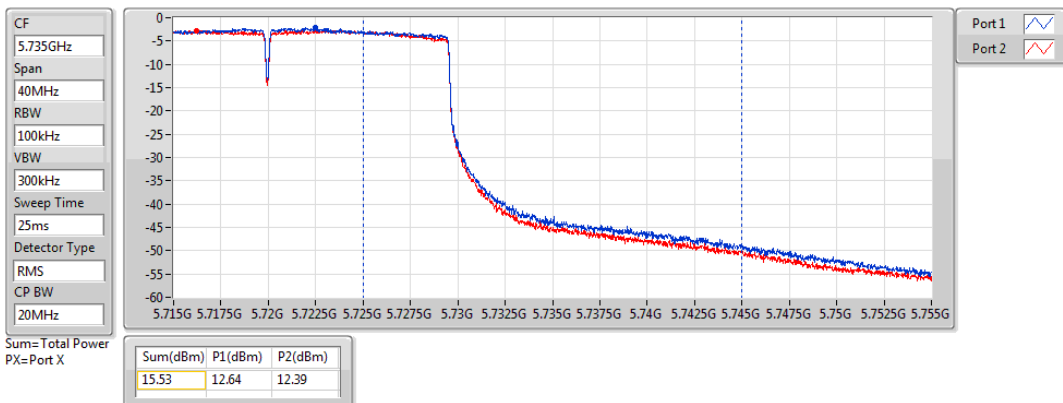


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

18/07/2019

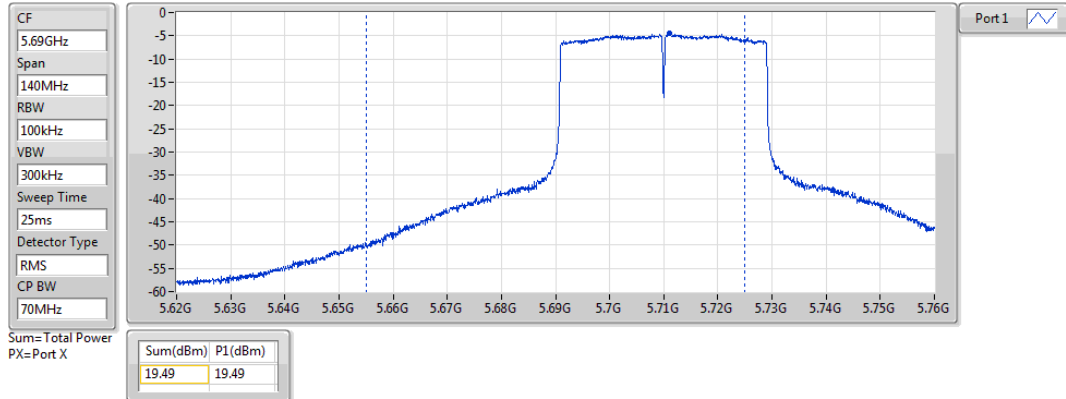


802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

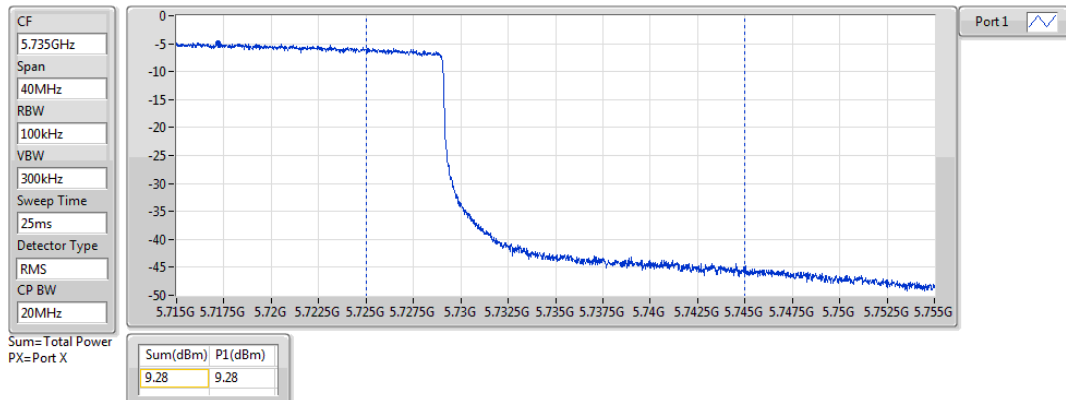


802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

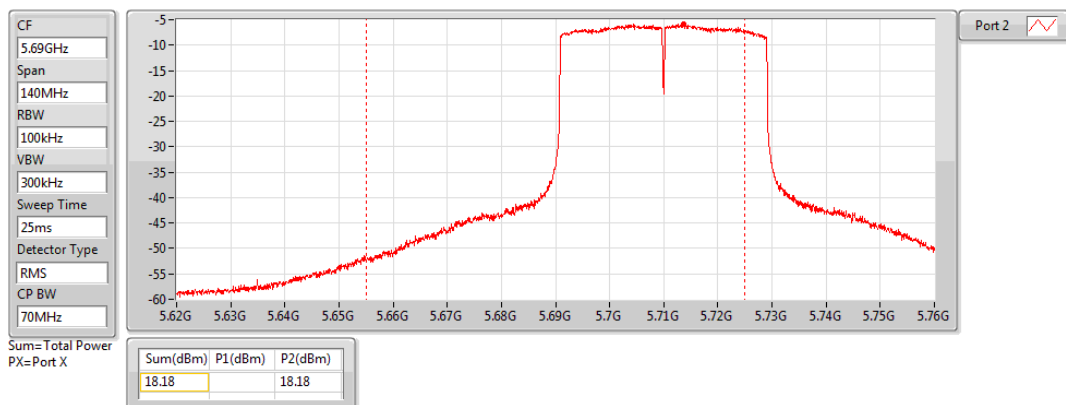


802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

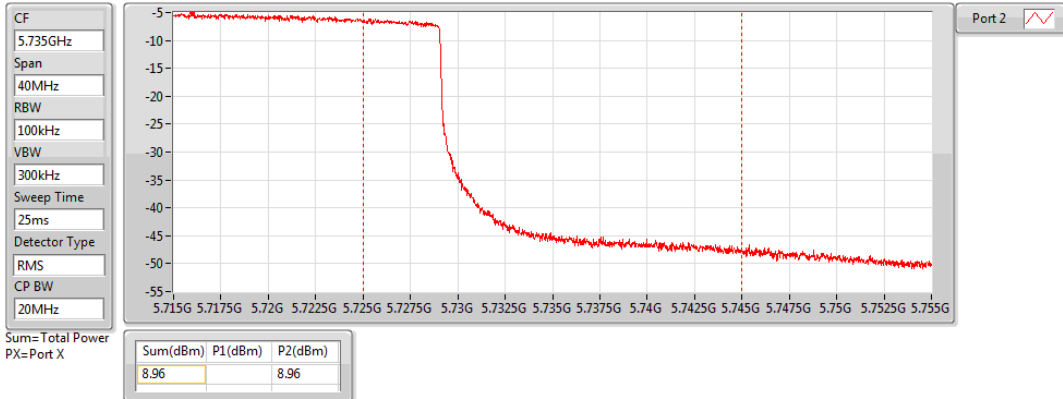


802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

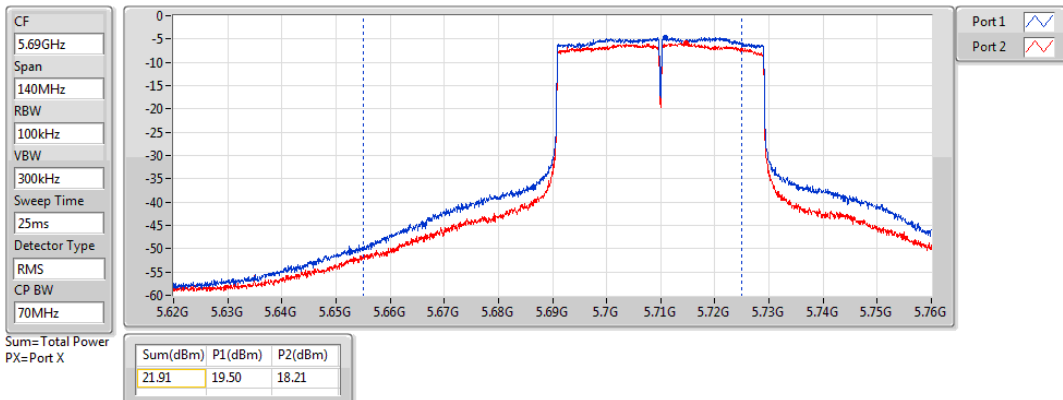


802.11ax HEW40\_Nss1,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

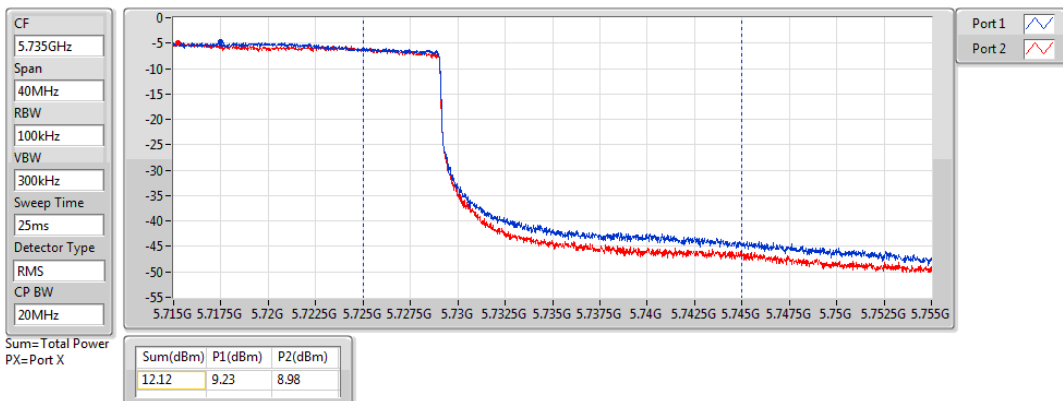


802.11ax HEW40\_Nss1,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

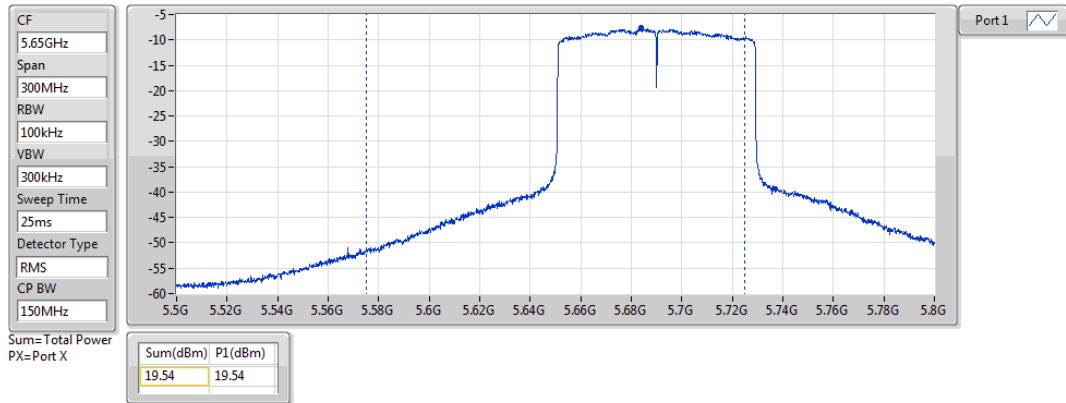


802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

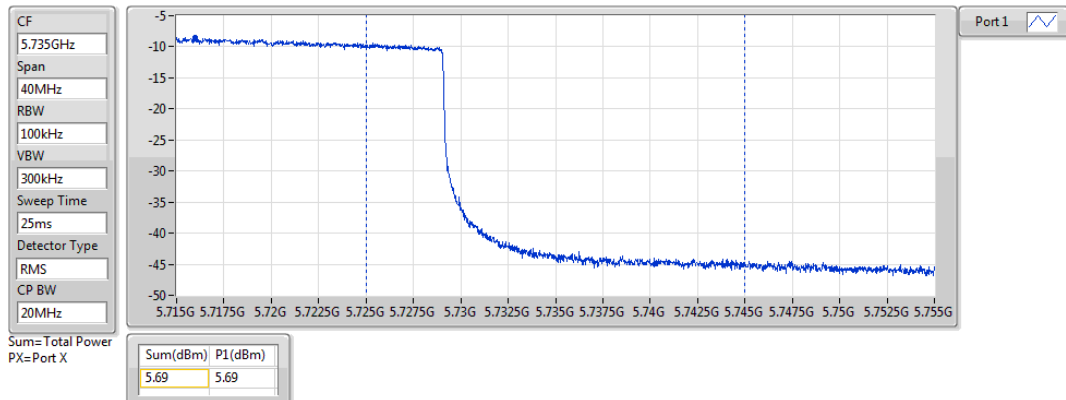


802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

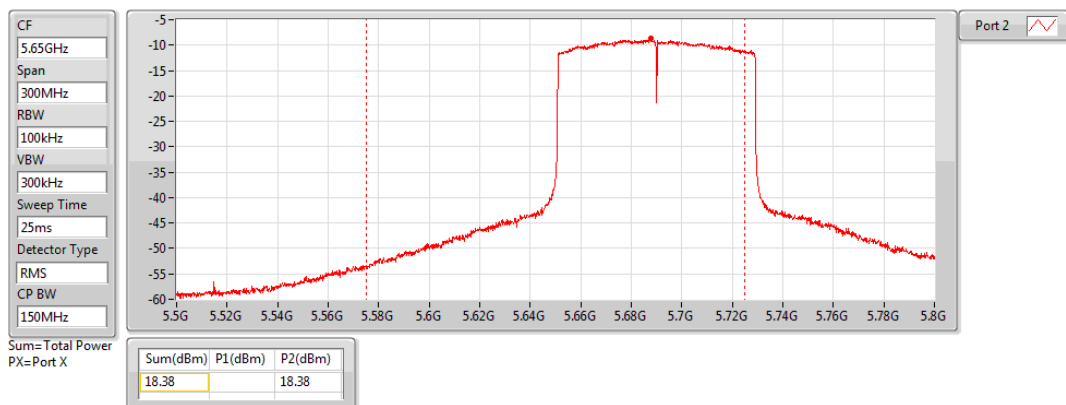


802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

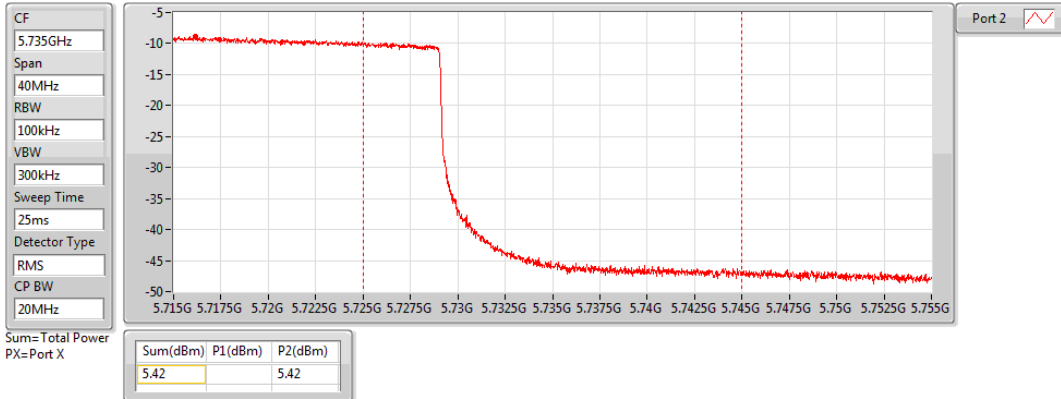


802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port2)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

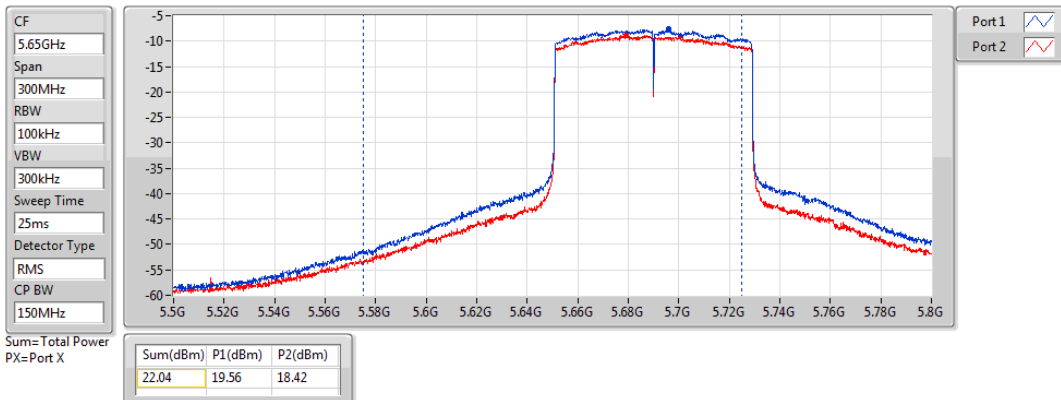


802.11ax HEW80\_Nss1,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

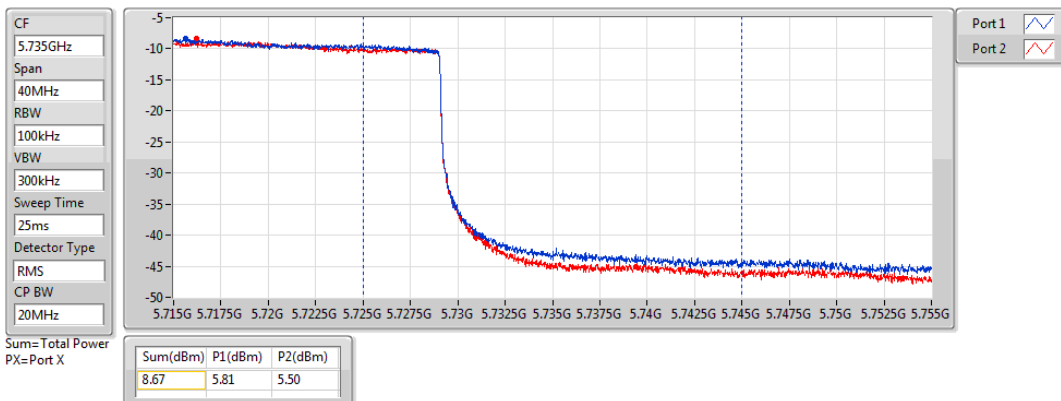


802.11ax HEW80\_Nss1,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019



## Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.76                | 0.11912            | 28.56         | 0.71779     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.04                | 0.12706            | 28.84         | 0.76560     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 20.92                | 0.12359            | 28.72         | 0.74473     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.14                | 0.13002            | 28.94         | 0.78343     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.18                | 0.13122            | 28.98         | 0.79068     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 21.16                | 0.13062            | 28.96         | 0.78705     |
| 5.47-5.725GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.72                | 0.11803            | 28.87         | 0.77090     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.04                | 0.12706            | 29.19         | 0.82985     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 20.75                | 0.11885            | 28.90         | 0.77625     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.78                | 0.11967            | 28.93         | 0.78163     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.11                | 0.12912            | 29.26         | 0.84333     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.78                | 0.11967            | 28.93         | 0.78163     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 13.05                | 0.02018            | 20.90         | 0.12303     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 9.50                 | 0.00891            | 17.35         | 0.05433     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 5.72                 | 0.00373            | 13.57         | 0.02275     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 13.14                | 0.02061            | 20.99         | 0.12560     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 9.72                 | 0.00938            | 17.57         | 0.05715     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 6.07                 | 0.00405            | 13.92         | 0.02466     |

## Result

| Mode                                    | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz_TnomVnom                        | Pass   | 7.80        | 17.68           | 17.71           | 20.71                | 21.66                | 28.51         | 29.46               |
| 5300MHz_TnomVnom                        | Pass   | 7.80        | 17.73           | 17.71           | 20.73                | 21.65                | 28.53         | 29.45               |
| 5320MHz_TnomVnom                        | Pass   | 7.80        | 17.80           | 17.69           | 20.76                | 21.65                | 28.56         | 29.45               |
| 5500MHz_TnomVnom                        | Pass   | 8.15        | 17.49           | 17.44           | 20.48                | 21.30                | 28.63         | 29.45               |
| 5580MHz_TnomVnom                        | Pass   | 8.15        | 17.51           | 17.69           | 20.61                | 21.31                | 28.76         | 29.46               |
| 5700MHz_TnomVnom                        | Pass   | 8.15        | 17.73           | 17.69           | 20.72                | 21.30                | 28.87         | 29.45               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 15.93           | 15.97           | 18.96                | 20.23                | 27.11         | 28.38               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 10.13           | 9.94            | 13.05                | 28.15                | 20.90         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz_TnomVnom                        | Pass   | 7.80        | 17.81           | 17.71           | 20.77                | 22.20                | 28.57         | 30.00               |
| 5310MHz_TnomVnom                        | Pass   | 7.80        | 18.15           | 17.91           | 21.04                | 22.20                | 28.84         | 30.00               |
| 5510MHz_TnomVnom                        | Pass   | 8.15        | 17.57           | 17.48           | 20.54                | 21.85                | 28.69         | 30.00               |
| 5550MHz_TnomVnom                        | Pass   | 8.15        | 17.64           | 17.52           | 20.59                | 21.85                | 28.74         | 30.00               |
| 5670MHz_TnomVnom                        | Pass   | 8.15        | 18.08           | 17.98           | 21.04                | 21.85                | 29.19         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 17.36           | 17.44           | 20.41                | 21.85                | 28.56         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 6.59            | 6.38            | 9.50                 | 28.15                | 17.35         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz_TnomVnom                        | Pass   | 7.80        | 17.97           | 17.85           | 20.92                | 22.20                | 28.72         | 30.00               |
| 5530MHz_TnomVnom                        | Pass   | 8.15        | 17.25           | 17.36           | 20.32                | 21.85                | 28.47         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 17.66           | 17.81           | 20.75                | 21.85                | 28.90         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 2.54            | 2.88            | 5.72                 | 28.15                | 13.57         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz_TnomVnom                        | Pass   | 7.80        | 17.70           | 17.74           | 20.73                | 21.65                | 28.53         | 29.45               |
| 5300MHz_TnomVnom                        | Pass   | 7.80        | 18.23           | 18.01           | 21.13                | 21.66                | 28.93         | 29.46               |
| 5320MHz_TnomVnom                        | Pass   | 7.80        | 18.04           | 18.22           | 21.14                | 21.66                | 28.94         | 29.46               |
| 5500MHz_TnomVnom                        | Pass   | 8.15        | 17.72           | 17.79           | 20.77                | 21.30                | 28.92         | 29.45               |
| 5580MHz_TnomVnom                        | Pass   | 8.15        | 17.87           | 17.67           | 20.78                | 21.29                | 28.93         | 29.44               |
| 5700MHz_TnomVnom                        | Pass   | 8.15        | 17.75           | 17.70           | 20.74                | 21.30                | 28.89         | 29.45               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 15.79           | 16.36           | 19.09                | 20.24                | 27.24         | 28.39               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 10.41           | 9.83            | 13.14                | 28.15                | 20.99         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz_TnomVnom                        | Pass   | 7.80        | 17.64           | 17.93           | 20.80                | 22.20                | 28.60         | 30.00               |
| 5310MHz_TnomVnom                        | Pass   | 7.80        | 18.24           | 18.10           | 21.18                | 22.20                | 28.98         | 30.00               |
| 5510MHz_TnomVnom                        | Pass   | 8.15        | 17.64           | 17.47           | 20.57                | 21.85                | 28.72         | 30.00               |
| 5550MHz_TnomVnom                        | Pass   | 8.15        | 17.62           | 17.58           | 20.61                | 21.85                | 28.76         | 30.00               |
| 5670MHz_TnomVnom                        | Pass   | 8.15        | 18.06           | 18.14           | 21.11                | 21.85                | 29.26         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 17.22           | 17.73           | 20.49                | 21.85                | 28.64         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 7.61            | 5.57            | 9.72                 | 28.15                | 17.57         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz_TnomVnom                        | Pass   | 7.80        | 18.27           | 18.02           | 21.16                | 22.20                | 28.96         | 30.00               |
| 5530MHz_TnomVnom                        | Pass   | 8.15        | 17.24           | 17.72           | 20.50                | 21.85                | 28.65         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 8.15        | 17.48           | 18.05           | 20.78                | 21.85                | 28.93         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 7.85        | 4.00            | 1.86            | 6.07                 | 28.15                | 13.92         | 36.00               |

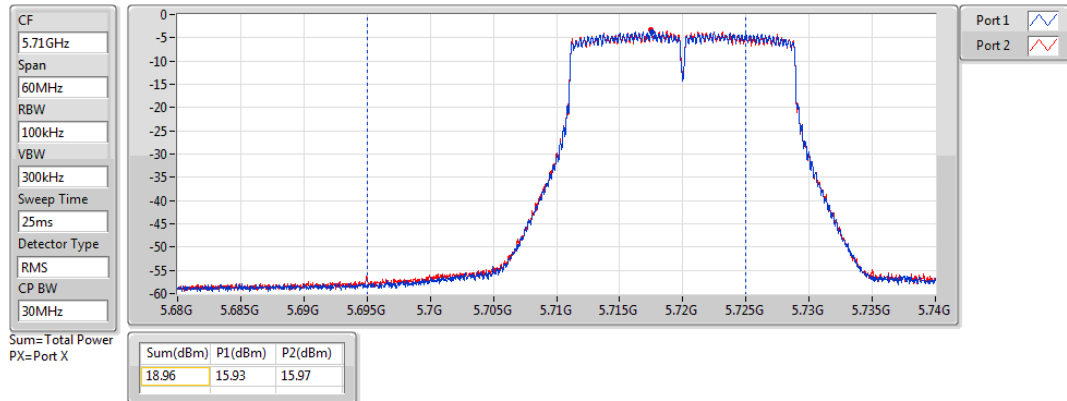


**DG** = Directional Gain; **Port X** = Port X output power

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

## AV Power

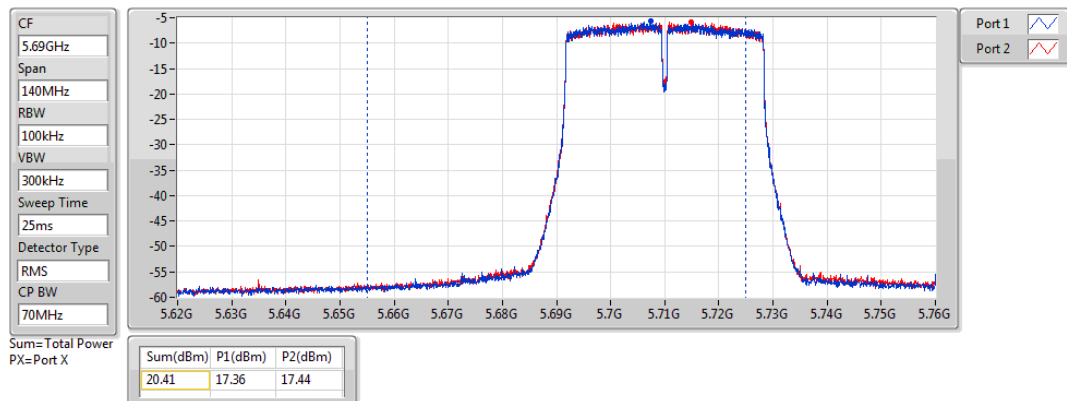
### 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

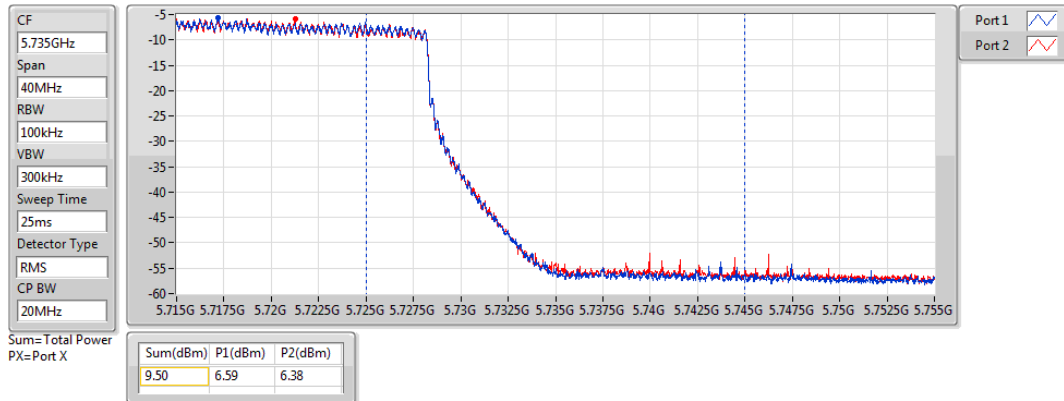


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

20/07/2019

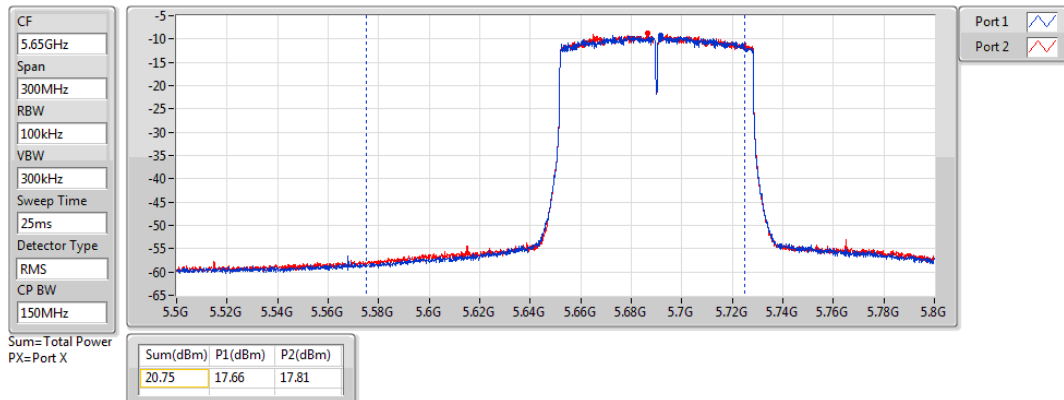


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.47-5.725GHz

20/07/2019

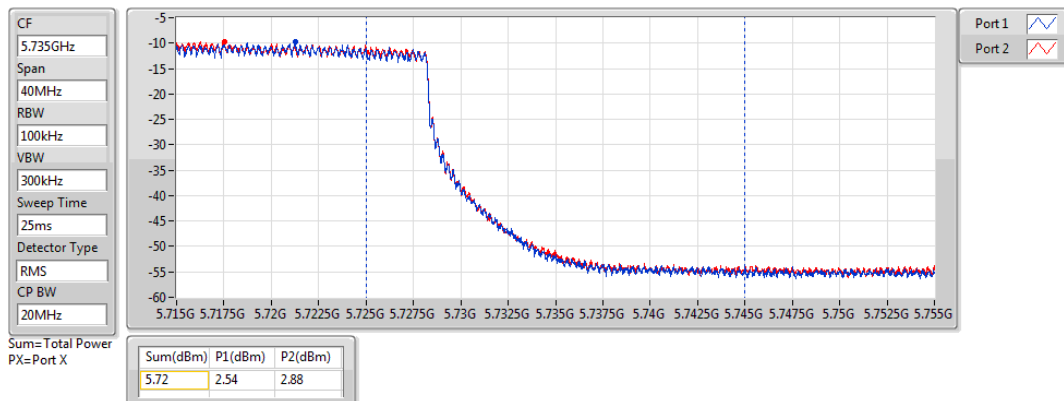


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

20/07/2019

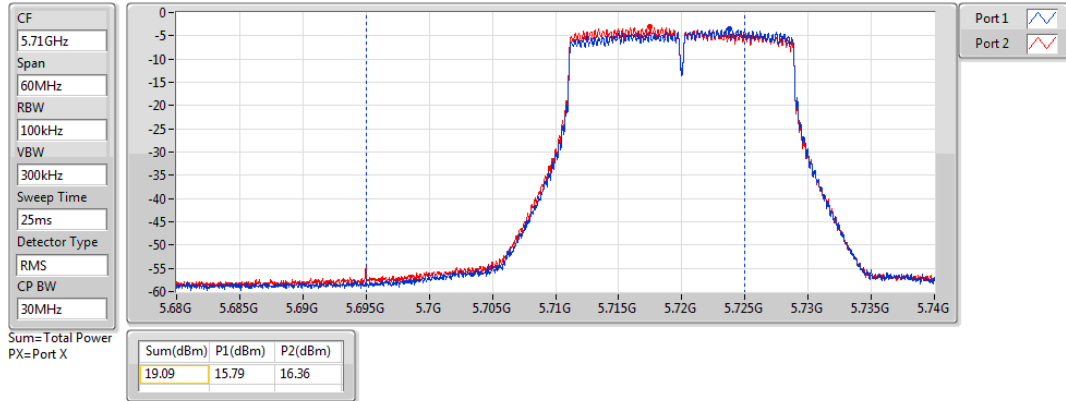


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

20/07/2019

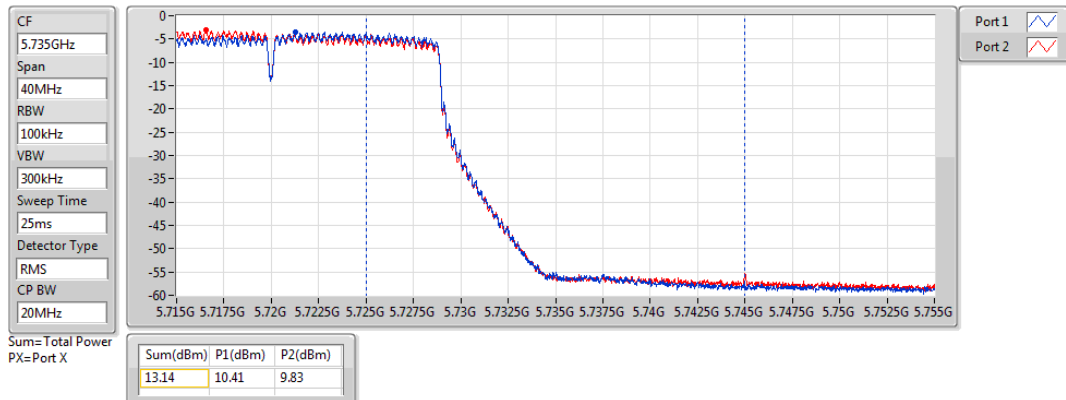


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

20/07/2019

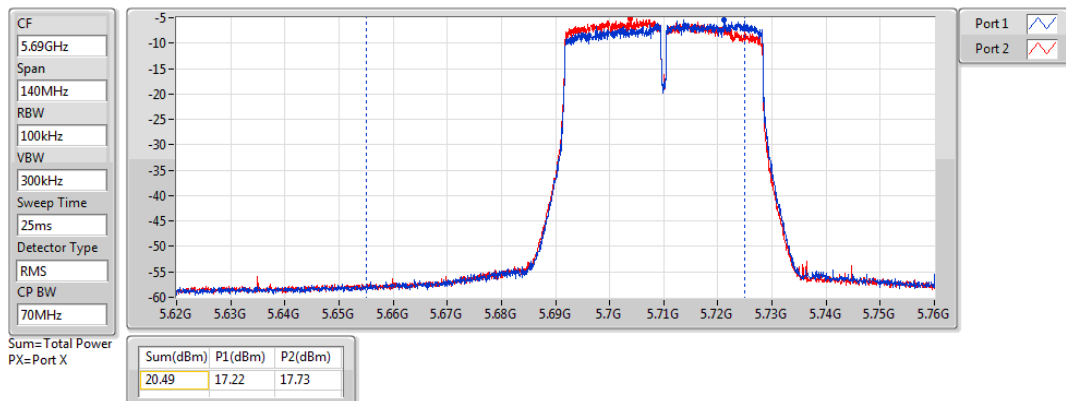


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

20/07/2019

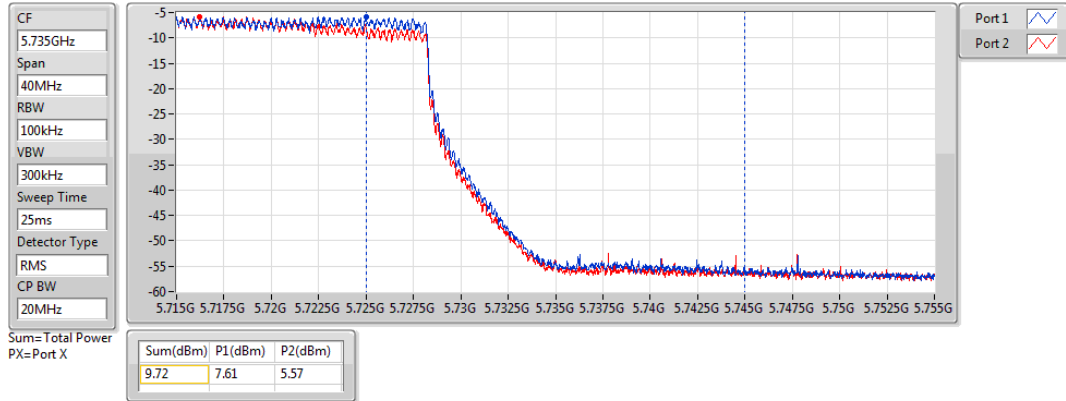


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

20/07/2019

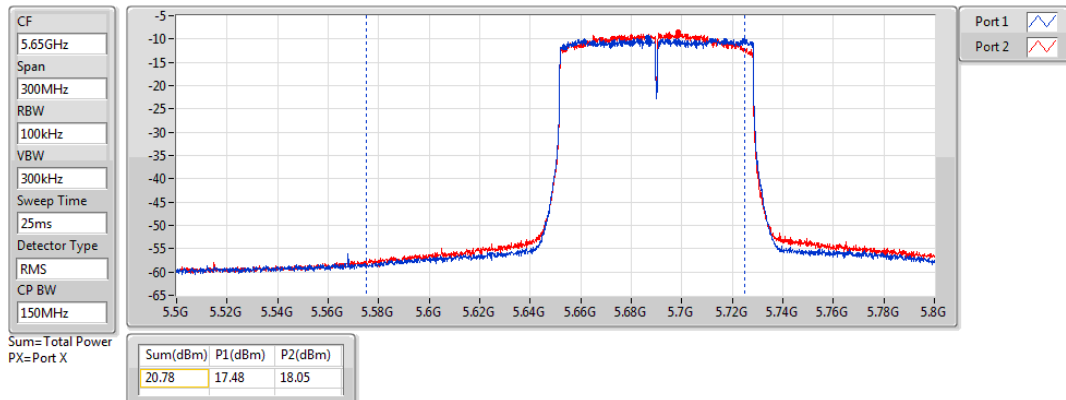


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.47-5.725GHz

20/07/2019

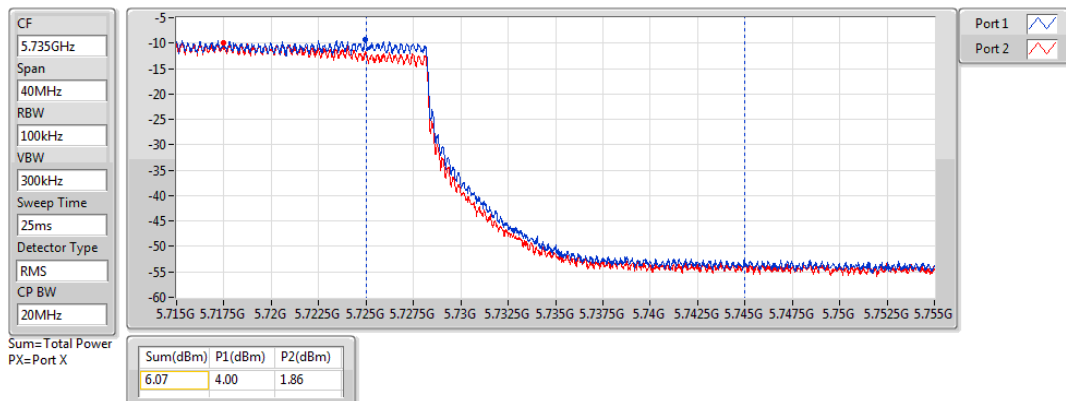


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

20/07/2019



## Summary

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 17.60                | 0.05754            | 20.66         | 0.11641     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 17.66                | 0.05834            | 20.72         | 0.11803     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 17.47                | 0.05585            | 20.53         | 0.11298     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 10.87                | 0.01222            | 13.93         | 0.02472     |
| 5.47-5.725GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 16.80                | 0.04786            | 19.37         | 0.08650     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 16.64                | 0.04613            | 19.21         | 0.08337     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 15.78                | 0.03784            | 18.35         | 0.06839     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 14.74                | 0.02979            | 17.31         | 0.05383     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 6.95                 | 0.00495            | 9.33          | 0.00857     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 6.97                 | 0.00498            | 9.35          | 0.00861     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.07                 | 0.00203            | 5.45          | 0.00351     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -0.61                | 0.00087            | 1.77          | 0.00150     |

## Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5260MHz                        | Pass   | 3.06        | 17.52           | 17.52                | 24.00                | 20.58         | 30.00               |
| 5300MHz                        | Pass   | 3.06        | 17.60           | 17.60                | 24.00                | 20.66         | 30.00               |
| 5320MHz                        | Pass   | 3.06        | 17.28           | 17.28                | 24.00                | 20.34         | 30.00               |
| 5500MHz                        | Pass   | 2.57        | 16.80           | 16.80                | 24.00                | 19.37         | 30.00               |
| 5580MHz                        | Pass   | 2.57        | 16.15           | 16.15                | 24.00                | 18.72         | 30.00               |
| 5700MHz                        | Pass   | 2.57        | 14.92           | 14.92                | 24.00                | 17.49         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 2.57        | 13.79           | 13.79                | 24.00                | 16.36         | 30.00               |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 2.38        | 6.95            | 6.95                 | 30.00                | 9.33          | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5260MHz                        | Pass   | 3.06        | 17.66           | 17.66                | 24.00                | 20.72         | 30.00               |
| 5300MHz                        | Pass   | 3.06        | 17.22           | 17.22                | 24.00                | 20.28         | 30.00               |
| 5320MHz                        | Pass   | 3.06        | 17.10           | 17.10                | 24.00                | 20.16         | 30.00               |
| 5500MHz                        | Pass   | 2.57        | 16.64           | 16.64                | 24.00                | 19.21         | 30.00               |
| 5580MHz                        | Pass   | 2.57        | 16.19           | 16.19                | 24.00                | 18.76         | 30.00               |
| 5700MHz                        | Pass   | 2.57        | 14.50           | 14.50                | 24.00                | 17.07         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 2.57        | 13.25           | 13.25                | 24.00                | 15.82         | 30.00               |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 2.38        | 6.97            | 6.97                 | 30.00                | 9.35          | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5270MHz                        | Pass   | 3.06        | 17.47           | 17.47                | 24.00                | 20.53         | 30.00               |
| 5310MHz                        | Pass   | 3.06        | 13.25           | 13.25                | 24.00                | 16.31         | 30.00               |
| 5510MHz                        | Pass   | 2.57        | 14.47           | 14.47                | 24.00                | 17.04         | 30.00               |
| 5550MHz                        | Pass   | 2.57        | 15.70           | 15.70                | 24.00                | 18.27         | 30.00               |
| 5670MHz                        | Pass   | 2.57        | 15.78           | 15.78                | 24.00                | 18.35         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 2.57        | 14.36           | 14.36                | 24.00                | 16.93         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 2.38        | 3.07            | 3.07                 | 30.00                | 5.45          | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5290MHz                        | Pass   | 3.06        | 10.87           | 10.87                | 24.00                | 13.93         | 30.00               |
| 5530MHz                        | Pass   | 2.57        | 12.89           | 12.89                | 24.00                | 15.46         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 2.57        | 14.74           | 14.74                | 24.00                | 17.31         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 2.38        | -0.61           | -0.61                | 30.00                | 1.77          | 36.00               |

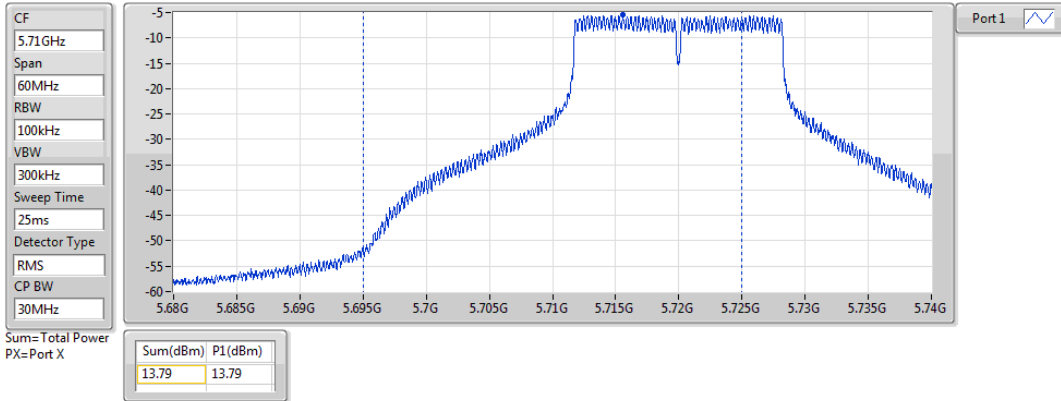
DG = Directional Gain; Port X = Port X output power

### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

04/07/2019

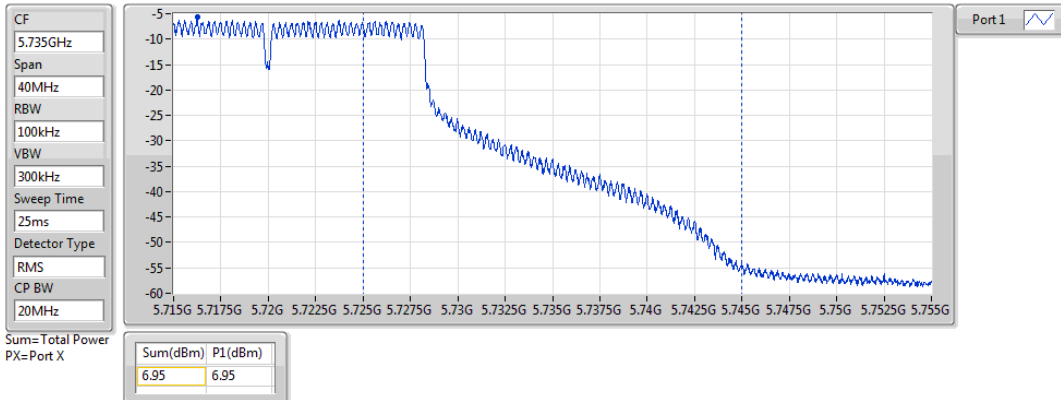


### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

18/07/2019

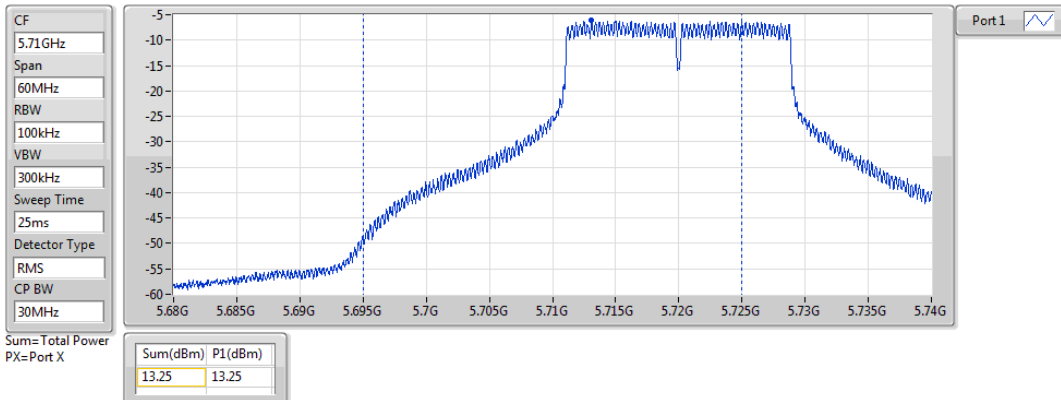


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

04/07/2019

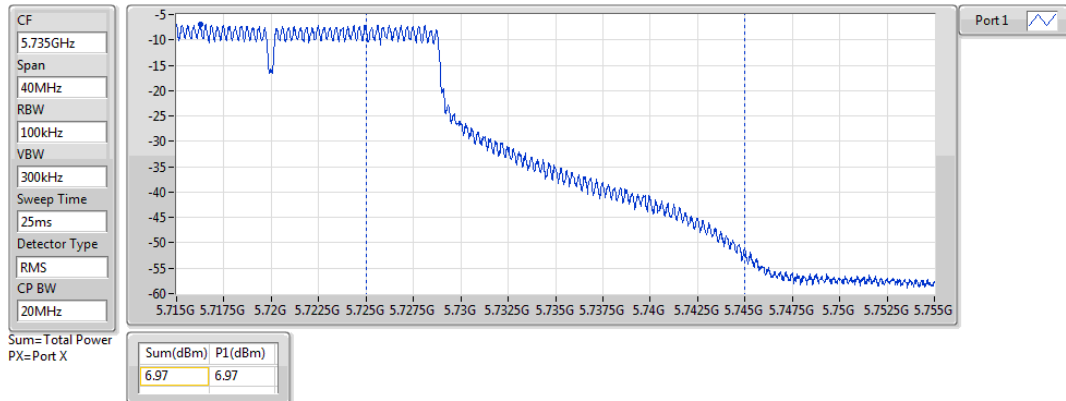


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

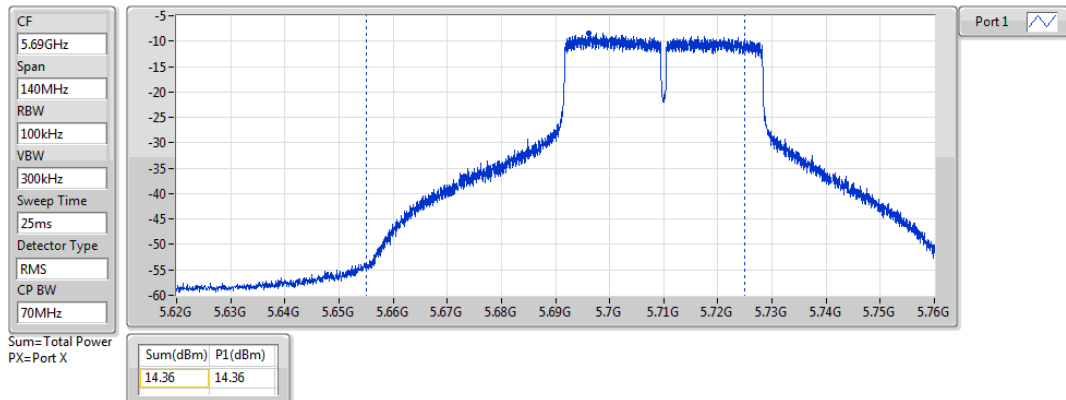


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

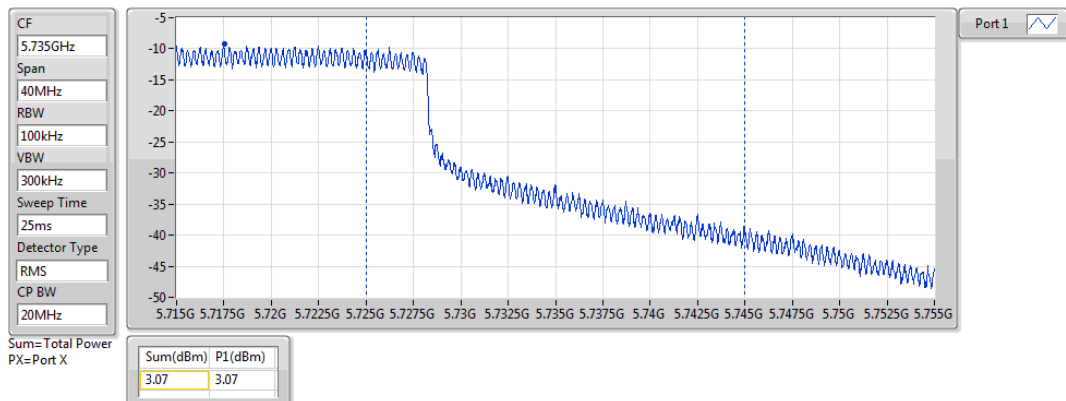


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

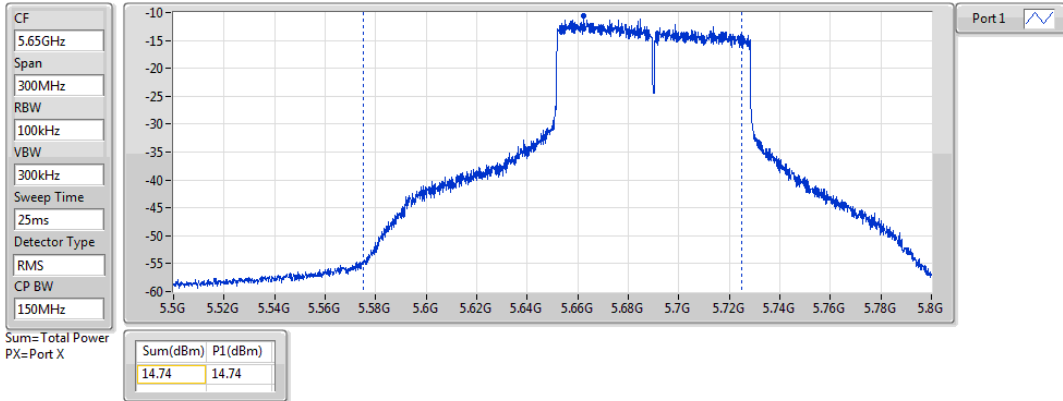


802.11ac VHT80\_Nss1,(MCS0)\_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

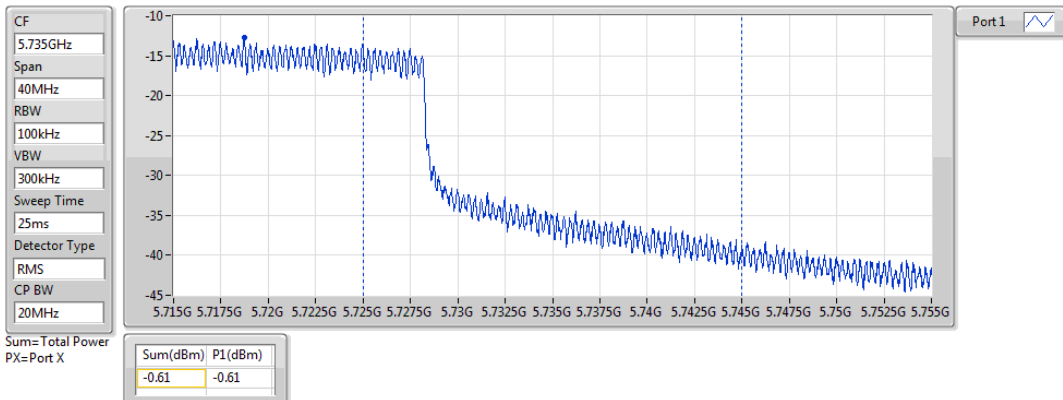


802.11ac VHT80\_Nss1,(MCS0)\_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019



**Summary**

| Mode                                  | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------|-----------------|----------------------|
| 5.25-5.35GHz                          | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 6.99            | 11.66                |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 6.25            | 11.16                |
| 802.11a_Nss1,(6Mbps)_2TX              | 9.15            | 16.95                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 6.64            | 11.31                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 5.77            | 10.68                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 9.15            | 16.95                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 3.46            | 8.13                 |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 2.98            | 7.89                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 6.27            | 14.07                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -1.51           | 3.16                 |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -1.42           | 3.49                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 0.26            | 8.06                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 6.60            | 11.27                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 5.75            | 10.66                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 9.08            | 16.88                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 3.48            | 8.15                 |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 2.94            | 7.85                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 6.16            | 13.96                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -1.39           | 3.28                 |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -1.39           | 3.52                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 0.22            | 8.02                 |
| 5.47-5.725GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 7.44            | 12.73                |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 6.82            | 11.80                |
| 802.11a_Nss1,(6Mbps)_2TX              | 8.83            | 16.98                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 7.01            | 12.30                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 5.98            | 10.96                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 8.40            | 16.55                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 3.51            | 8.80                 |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 2.93            | 7.91                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 6.38            | 14.53                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | 0.51            | 5.80                 |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -0.58           | 4.40                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 3.04            | 11.19                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 6.91            | 12.20                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 5.88            | 10.86                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 8.74            | 16.89                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 3.70            | 8.99                 |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 2.91            | 7.89                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 6.18            | 14.33                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | 0.49            | 5.78                 |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -0.57           | 4.41                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 2.97            | 11.12                |



| Mode                                  | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------|-----------------|----------------------|
| 5.725-5.85GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 5.37            | 10.14                |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 5.11            | 10.01                |
| 802.11a_Nss1,(6Mbps)_2TX              | 7.36            | 15.21                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 4.92            | 9.69                 |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 4.64            | 9.54                 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 6.49            | 14.34                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 0.92            | 5.69                 |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 0.61            | 5.51                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 3.81            | 11.66                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -3.01           | 1.76                 |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -3.25           | 1.65                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -0.06           | 7.79                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 4.85            | 9.62                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 4.59            | 9.49                 |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 6.89            | 14.74                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 0.84            | 5.61                 |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 0.54            | 5.44                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 3.77            | 11.62                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -2.81           | 1.96                 |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -3.11           | 1.79                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 0.08            | 7.93                 |

**RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 4.67        | 6.62                |                     | 6.62            | 11.00                 | 11.29                | 17.00                      |
| 5300MHz                               | Pass   | 4.67        | 6.58                |                     | 6.58            | 11.00                 | 11.25                | 17.00                      |
| 5320MHz                               | Pass   | 4.67        | 6.99                |                     | 6.99            | 11.00                 | 11.66                | 17.00                      |
| 5500MHz                               | Pass   | 5.29        | 7.29                |                     | 7.29            | 11.00                 | 12.58                | 17.00                      |
| 5580MHz                               | Pass   | 5.29        | 6.61                |                     | 6.61            | 11.00                 | 11.90                | 17.00                      |
| 5700MHz                               | Pass   | 5.29        | 5.80                |                     | 5.80            | 11.00                 | 11.09                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 7.44                |                     | 7.44            | 11.00                 | 12.73                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 5.37                |                     | 5.37            | 30.00                 | 10.14                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 4.91        |                     | 6.25                | 6.25            | 11.00                 | 11.16                | 17.00                      |
| 5300MHz                               | Pass   | 4.91        |                     | 5.95                | 5.95            | 11.00                 | 10.86                | 17.00                      |
| 5320MHz                               | Pass   | 4.91        |                     | 6.08                | 6.08            | 11.00                 | 10.99                | 17.00                      |
| 5500MHz                               | Pass   | 4.98        |                     | 6.82                | 6.82            | 11.00                 | 11.80                | 17.00                      |
| 5580MHz                               | Pass   | 4.98        |                     | 6.05                | 6.05            | 11.00                 | 11.03                | 17.00                      |
| 5700MHz                               | Pass   | 4.98        |                     | 5.05                | 5.05            | 11.00                 | 10.03                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                     | 6.18                | 6.18            | 11.00                 | 11.16                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.90        |                     | 5.11                | 5.11            | 30.00                 | 10.01                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 7.80        | 6.10                | 5.68                | 8.88            | 9.20                  | 16.68                | 17.00                      |
| 5300MHz                               | Pass   | 7.80        | 6.66                | 5.63                | 9.15            | 9.20                  | 16.95                | 17.00                      |
| 5320MHz                               | Pass   | 7.80        | 6.11                | 5.76                | 8.93            | 9.20                  | 16.73                | 17.00                      |
| 5500MHz                               | Pass   | 8.15        | 6.12                | 5.34                | 8.75            | 8.85                  | 16.90                | 17.00                      |
| 5580MHz                               | Pass   | 8.15        | 6.08                | 5.28                | 8.70            | 8.85                  | 16.85                | 17.00                      |
| 5700MHz                               | Pass   | 8.15        | 5.40                | 3.98                | 7.72            | 8.85                  | 15.87                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 8.15        | 6.46                | 5.26                | 8.83            | 8.85                  | 16.98                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 7.85        | 4.73                | 4.02                | 7.36            | 28.15                 | 15.21                | 36.00                      |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 4.67        | 6.32                |                     | 6.32            | 11.00                 | 10.99                | 17.00                      |
| 5300MHz                               | Pass   | 4.67        | 6.27                |                     | 6.27            | 11.00                 | 10.94                | 17.00                      |
| 5320MHz                               | Pass   | 4.67        | 6.64                |                     | 6.64            | 11.00                 | 11.31                | 17.00                      |
| 5500MHz                               | Pass   | 5.29        | 5.99                |                     | 5.99            | 11.00                 | 11.28                | 17.00                      |
| 5580MHz                               | Pass   | 5.29        | 6.29                |                     | 6.29            | 11.00                 | 11.58                | 17.00                      |
| 5700MHz                               | Pass   | 5.29        | 5.39                |                     | 5.39            | 11.00                 | 10.68                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 5.29        | 7.01                |                     | 7.01            | 11.00                 | 12.30                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 4.77        | 4.92                |                     | 4.92            | 30.00                 | 9.69                 | 36.00                      |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 4.91        |                     | 5.77                | 5.77            | 11.00                 | 10.68                | 17.00                      |
| 5300MHz                               | Pass   | 4.91        |                     | 5.48                | 5.48            | 11.00                 | 10.39                | 17.00                      |
| 5320MHz                               | Pass   | 4.91        |                     | 5.63                | 5.63            | 11.00                 | 10.54                | 17.00                      |
| 5500MHz                               | Pass   | 4.98        |                     | 5.98                | 5.98            | 11.00                 | 10.96                | 17.00                      |
| 5580MHz                               | Pass   | 4.98        |                     | 5.69                | 5.69            | 11.00                 | 10.67                | 17.00                      |
| 5700MHz                               | Pass   | 4.98        |                     | 4.90                | 4.90            | 11.00                 | 9.88                 | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 4.98        |                     | 5.74                | 5.74            | 11.00                 | 10.72                | 17.00                      |