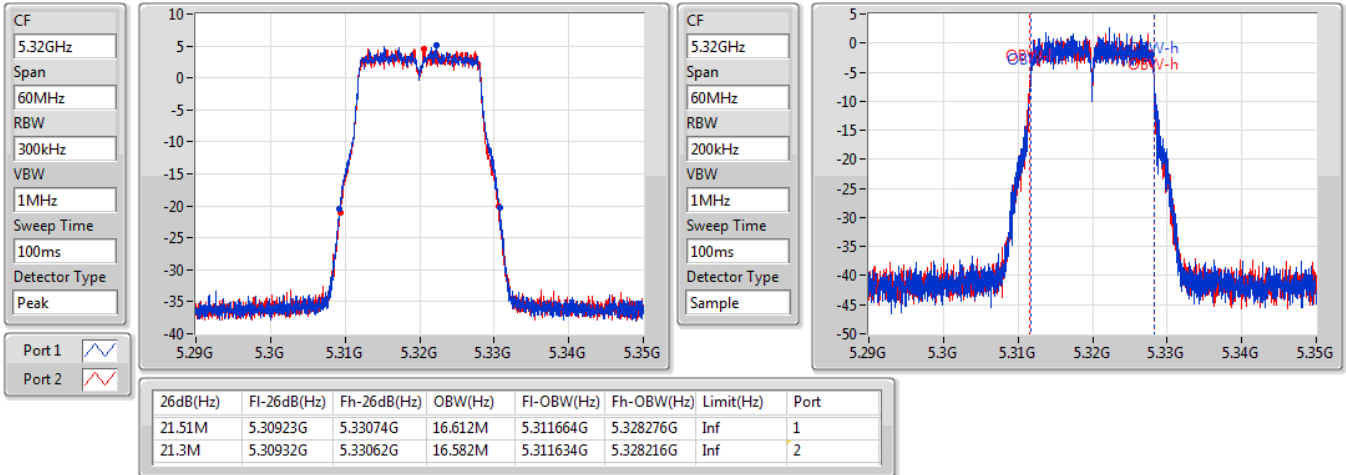
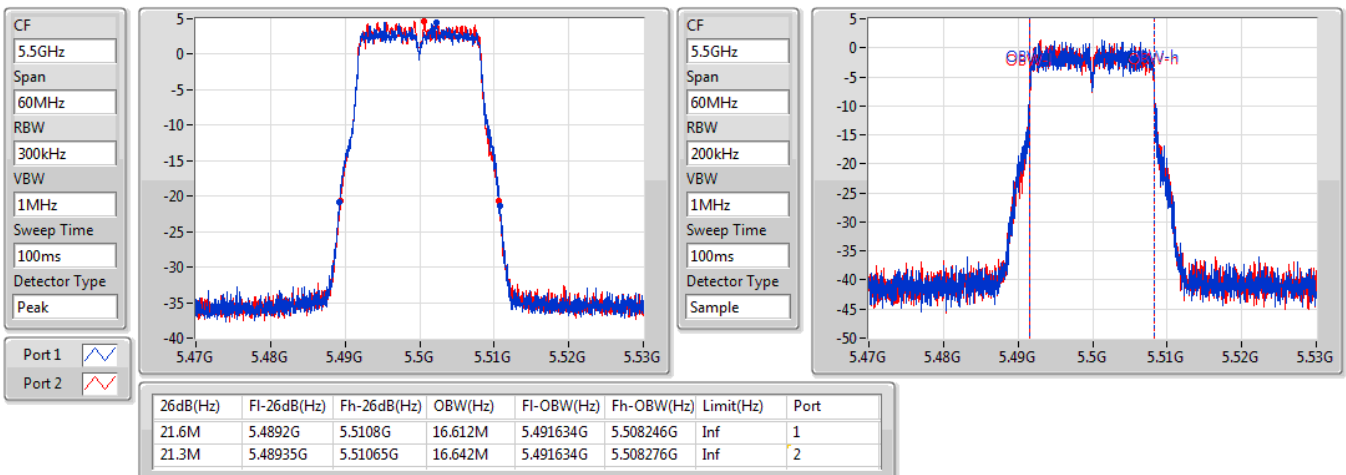


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5320MHz**

11/11/2019

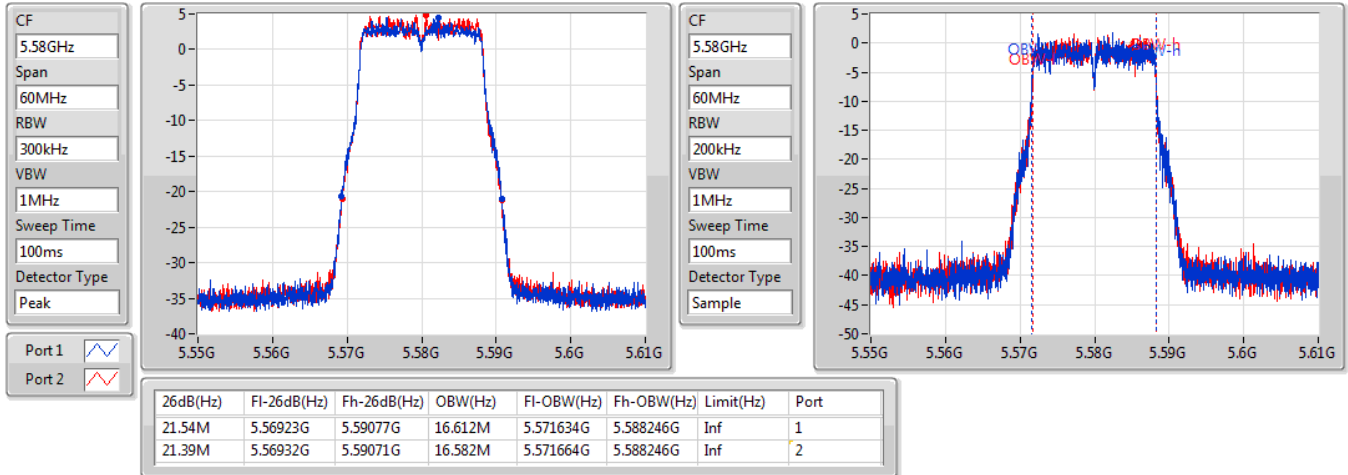

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5500MHz**

11/11/2019

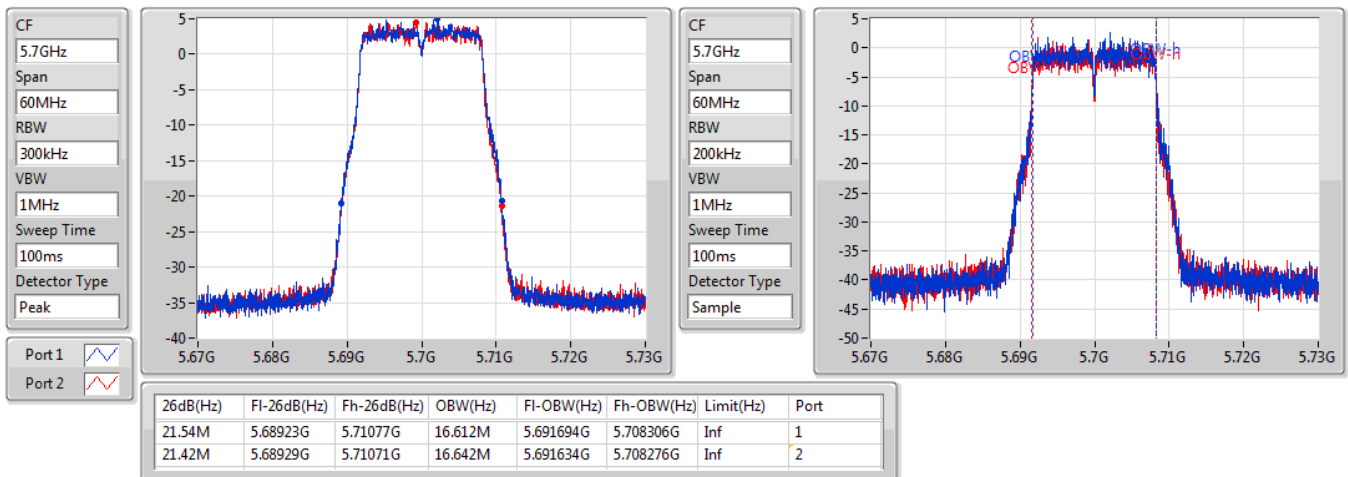


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

11/11/2019

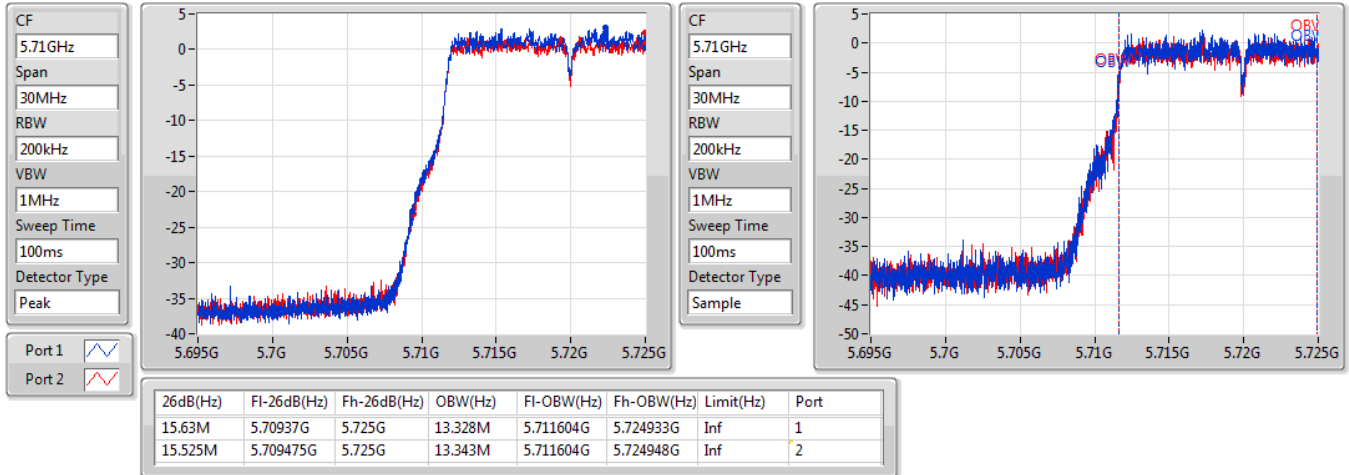

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5700MHz**

11/11/2019

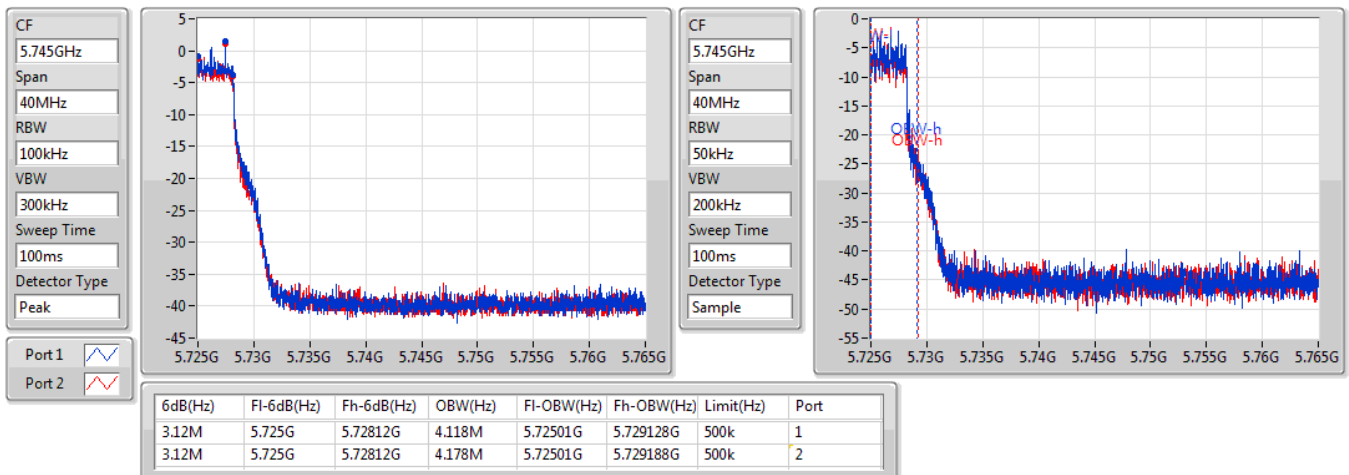


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

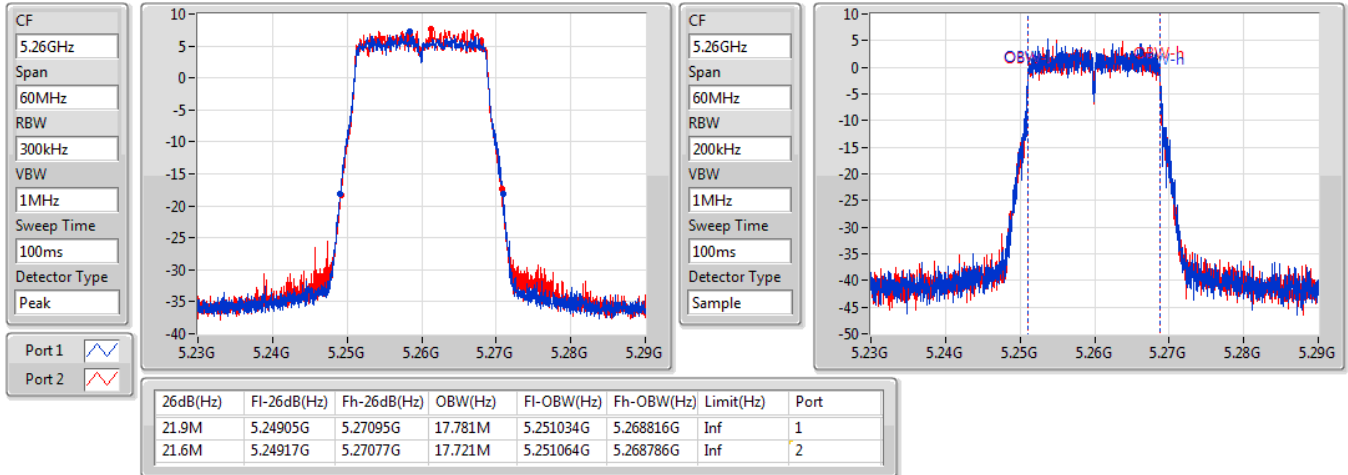

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

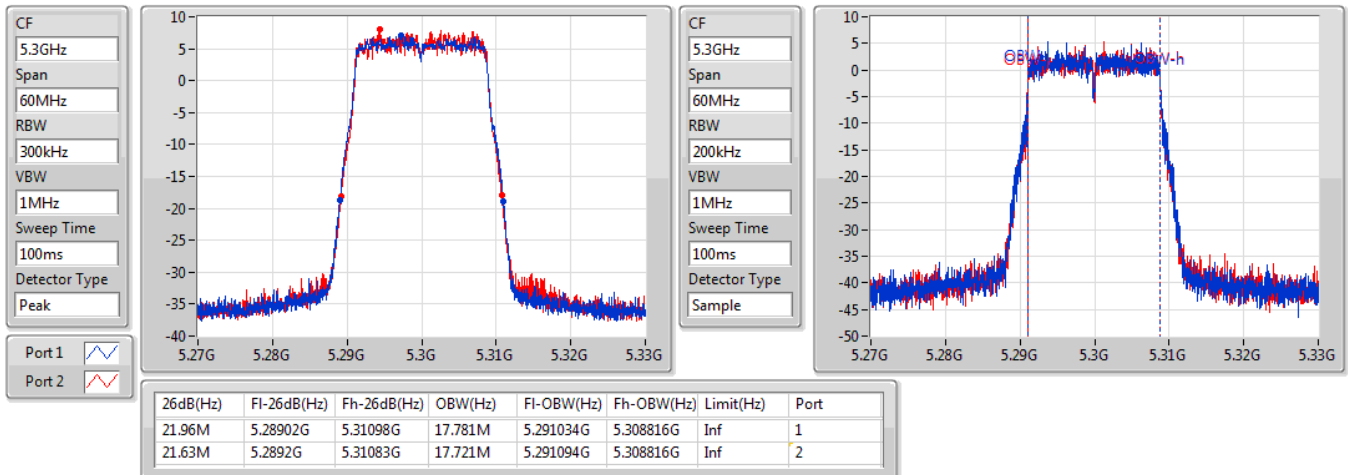


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

11/11/2019

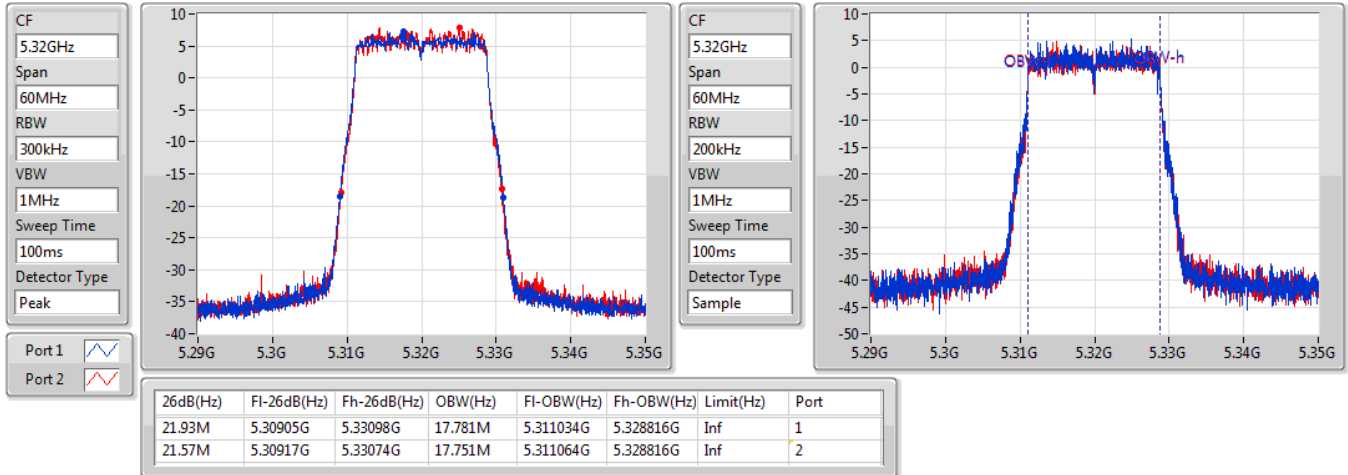

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

11/11/2019

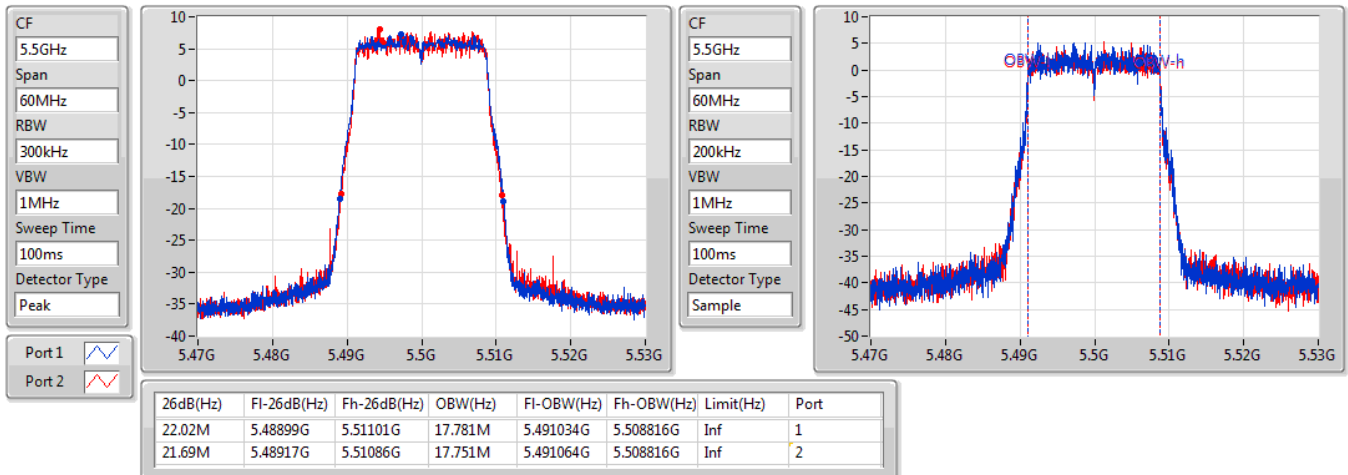


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

11/11/2019

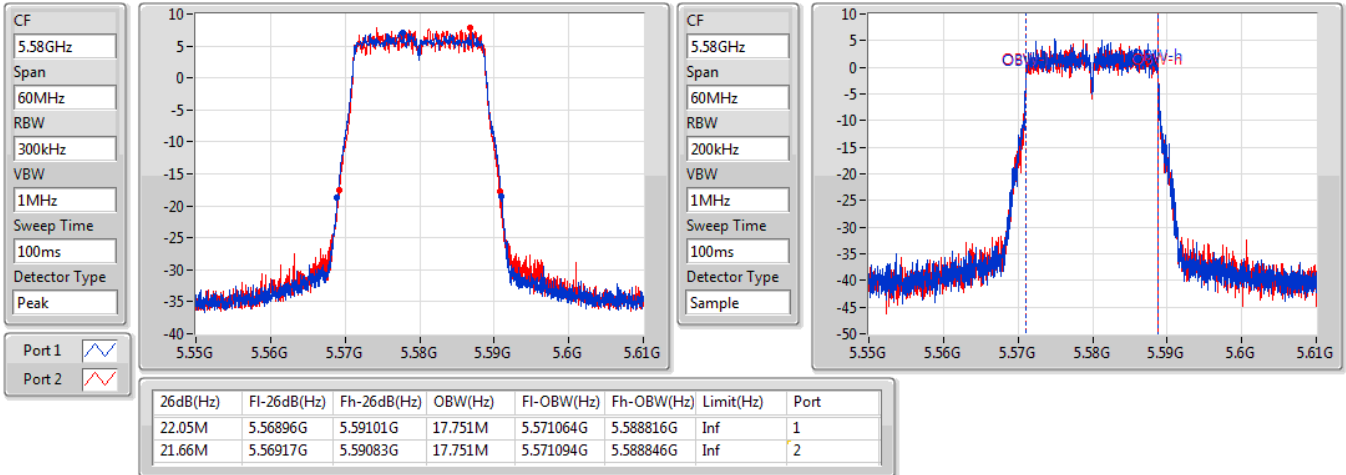

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

11/11/2019

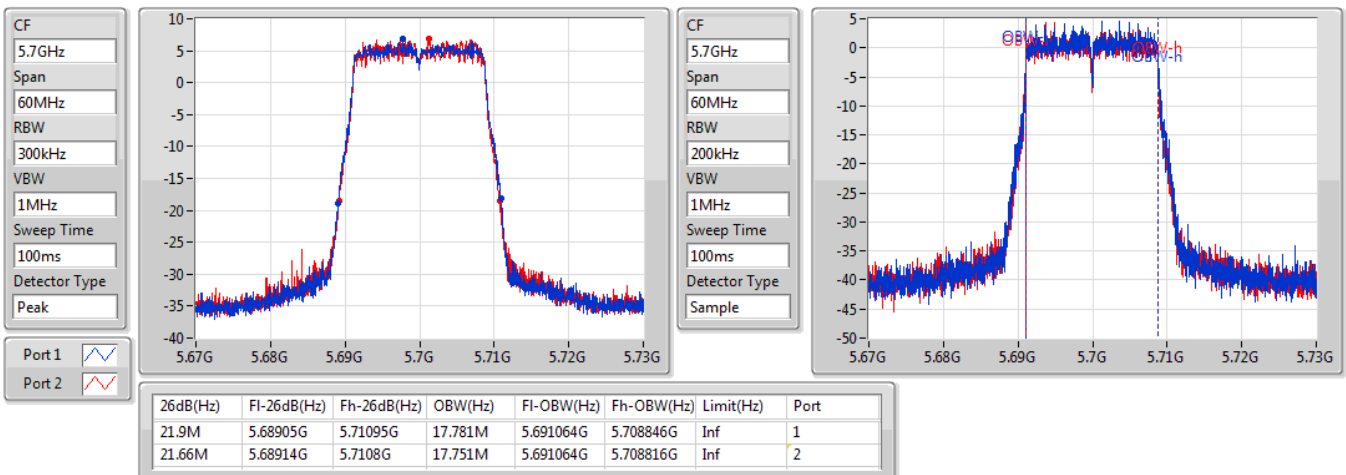


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

11/11/2019

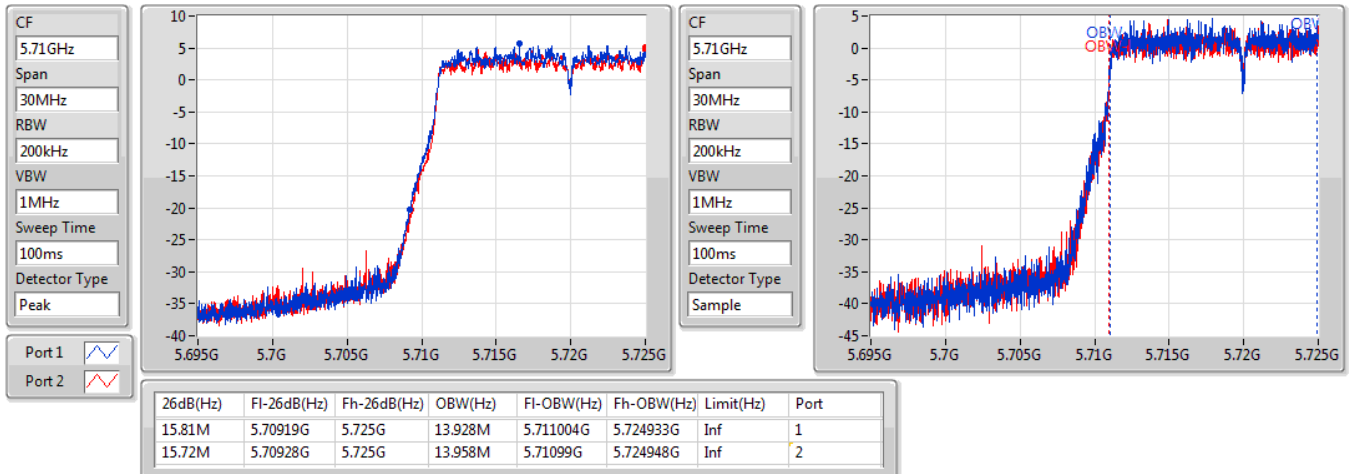

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

11/11/2019

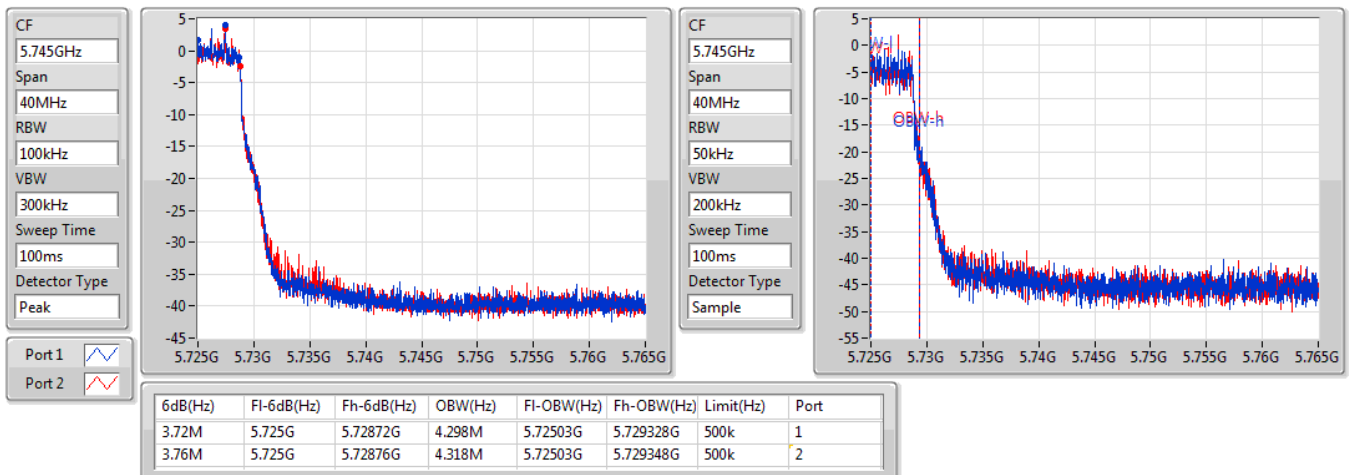


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

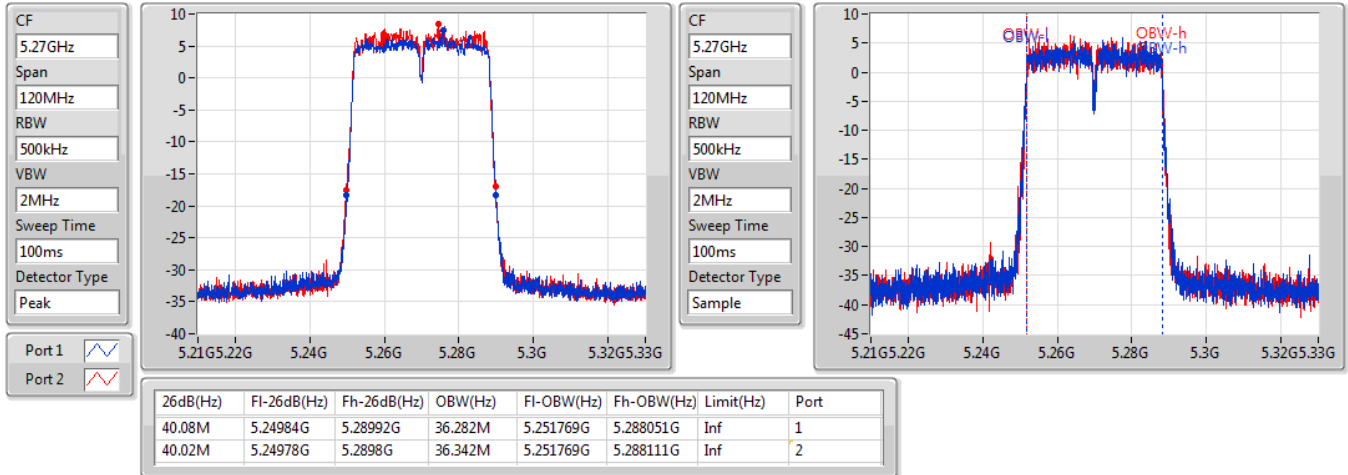

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

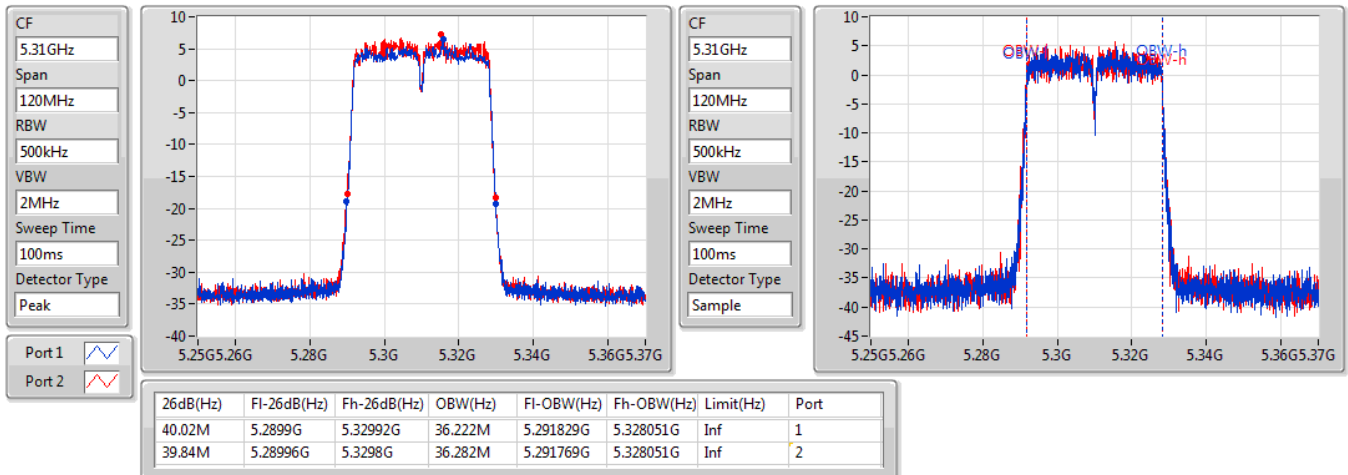


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

11/11/2019

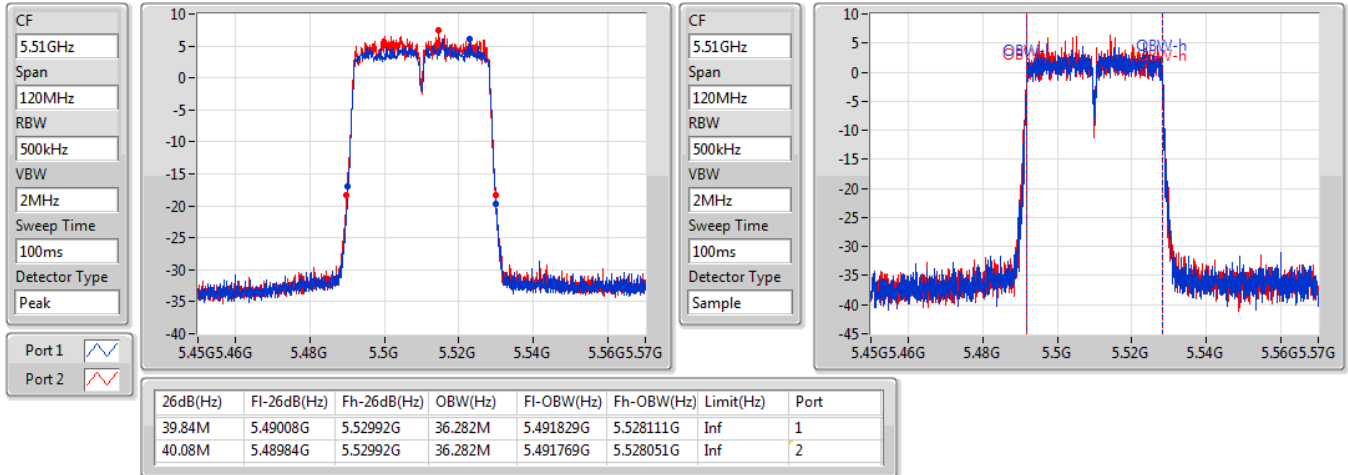

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

11/11/2019

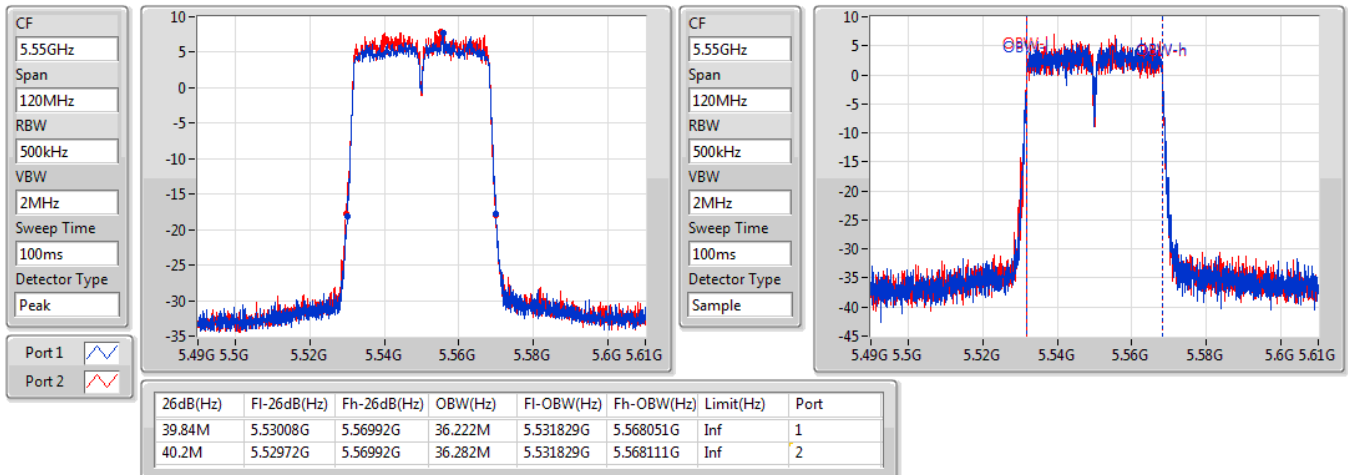


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

11/11/2019

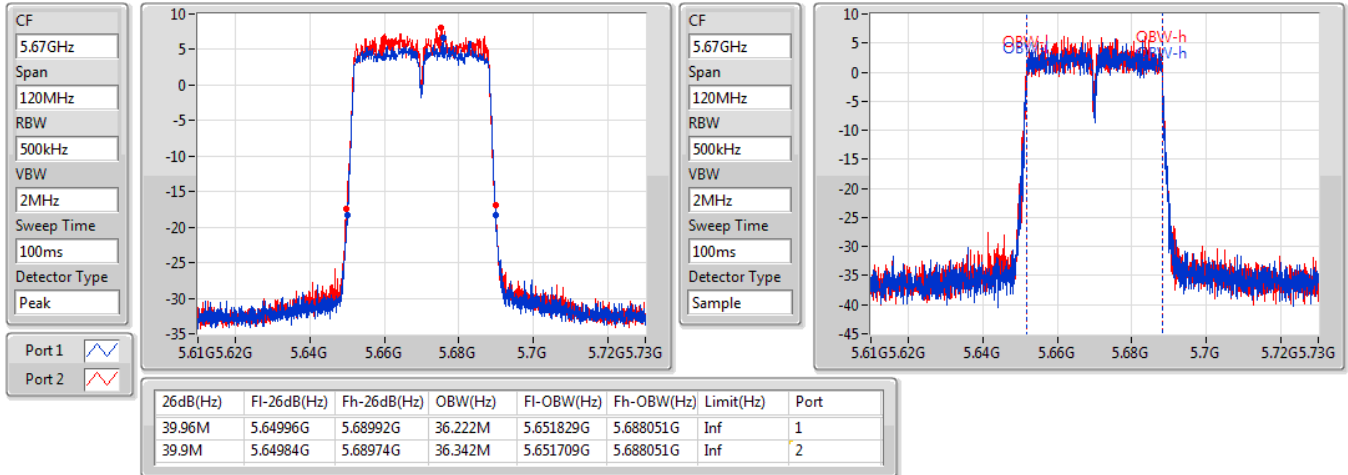

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

11/11/2019

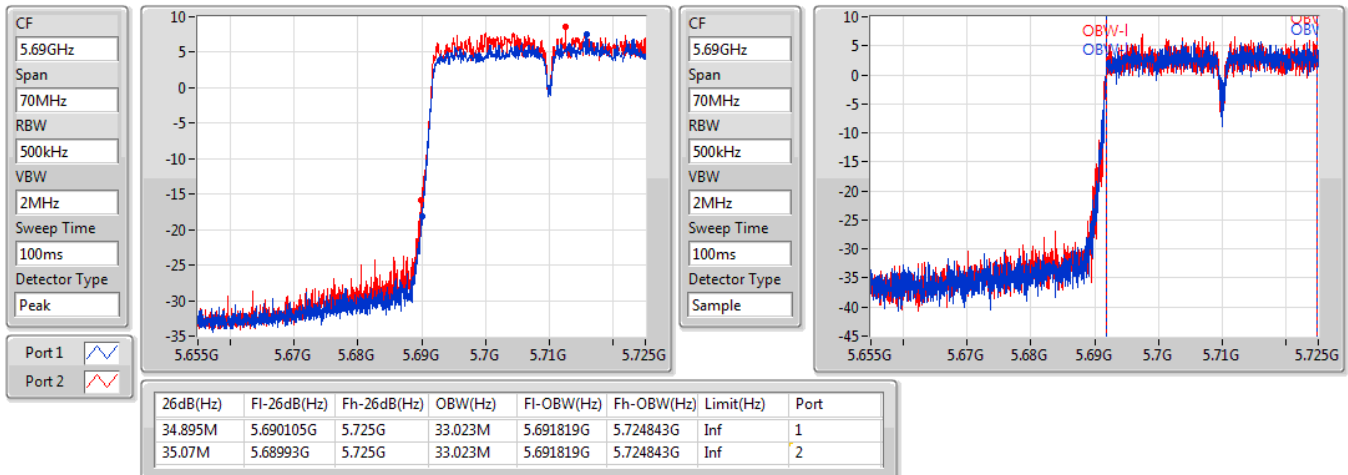


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

11/11/2019

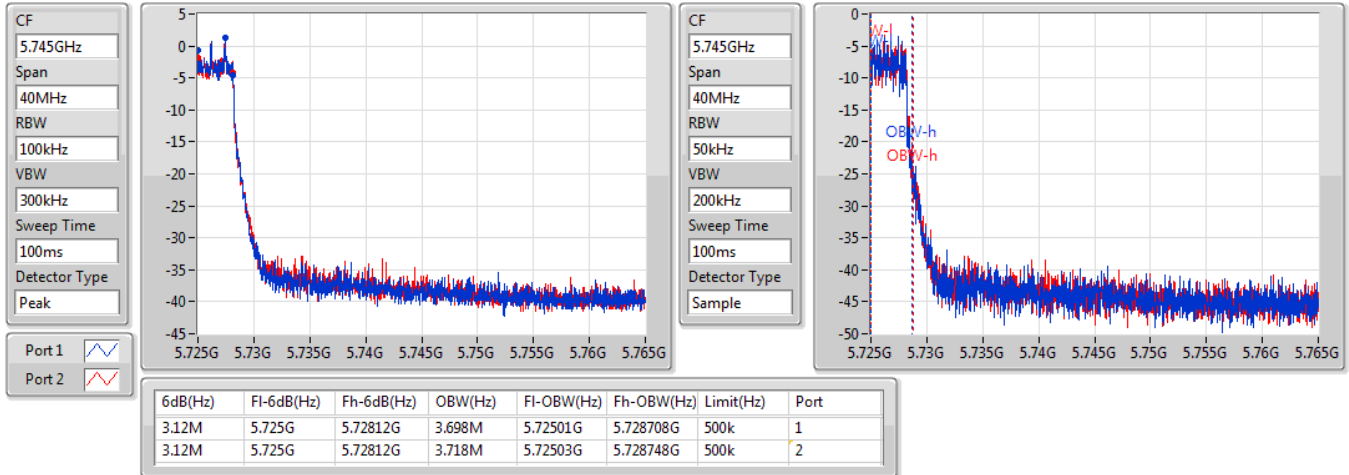

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

11/11/2019

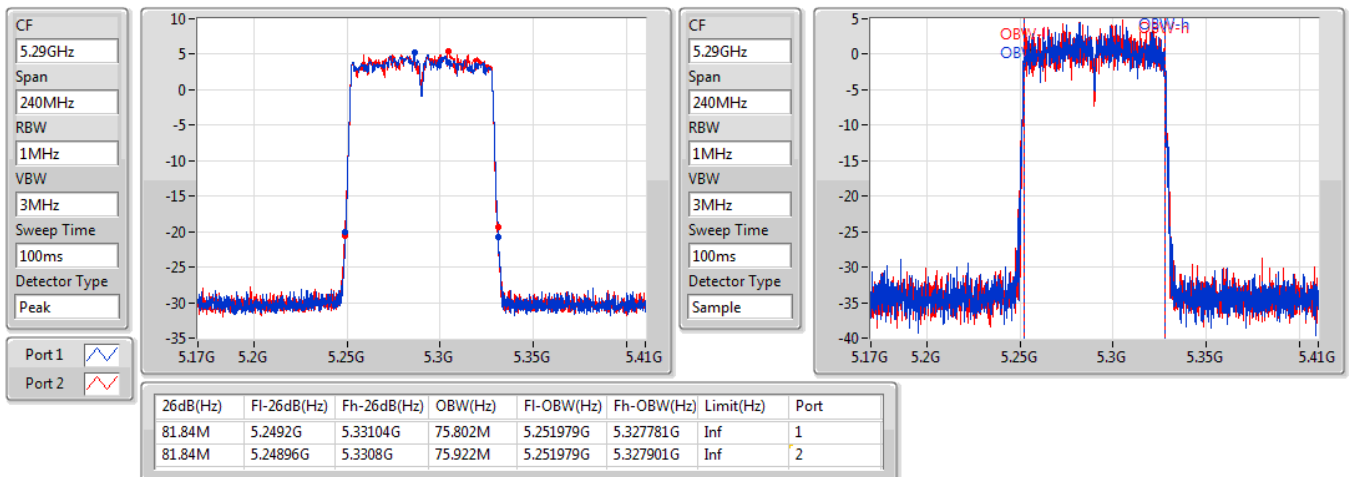


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

11/11/2019

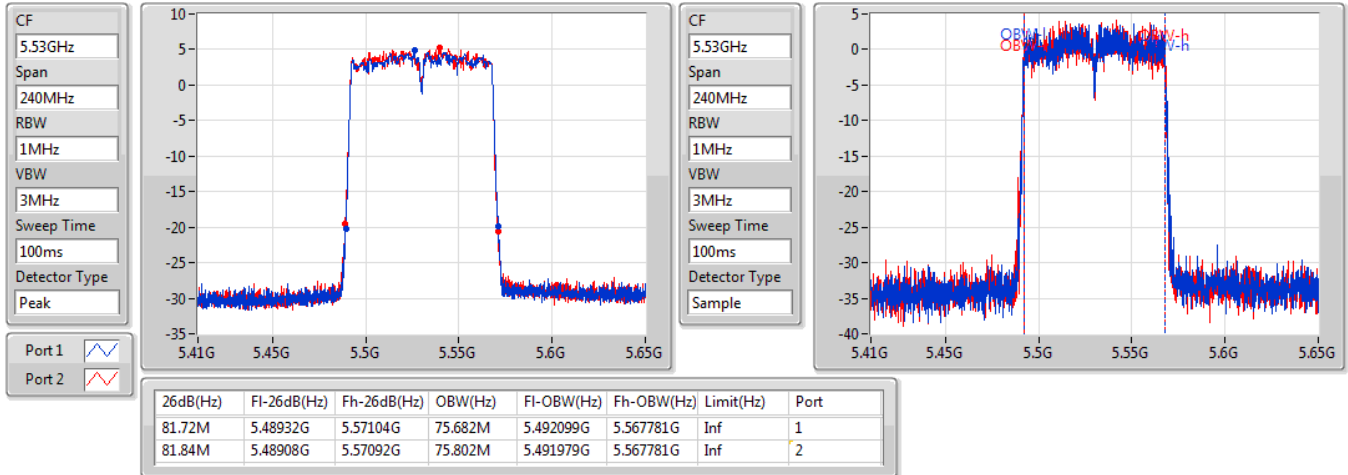

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

11/11/2019

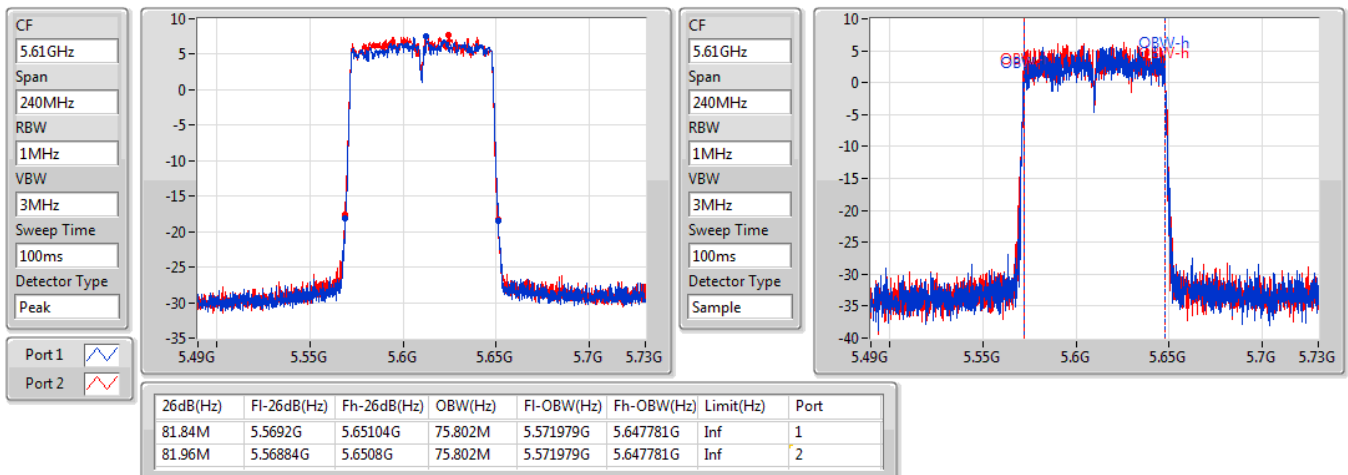


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

11/11/2019

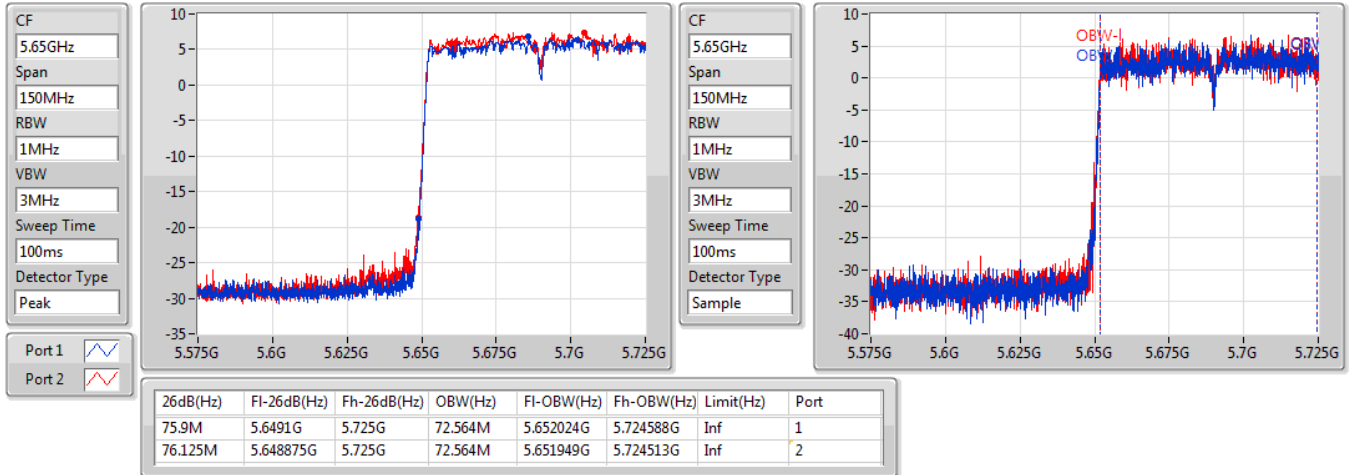

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

11/11/2019

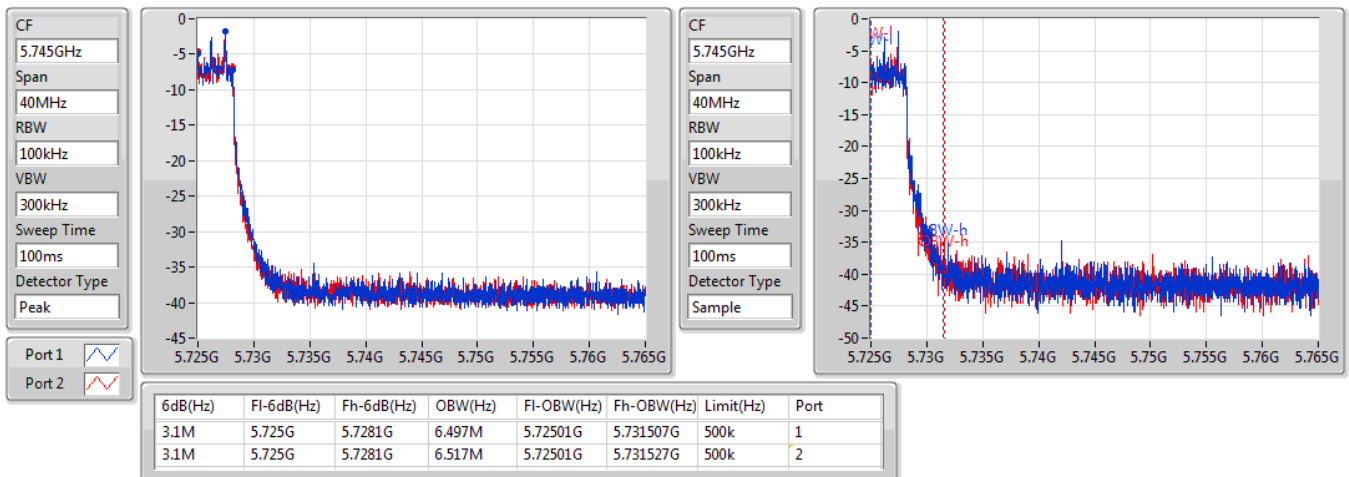


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

11/11/2019

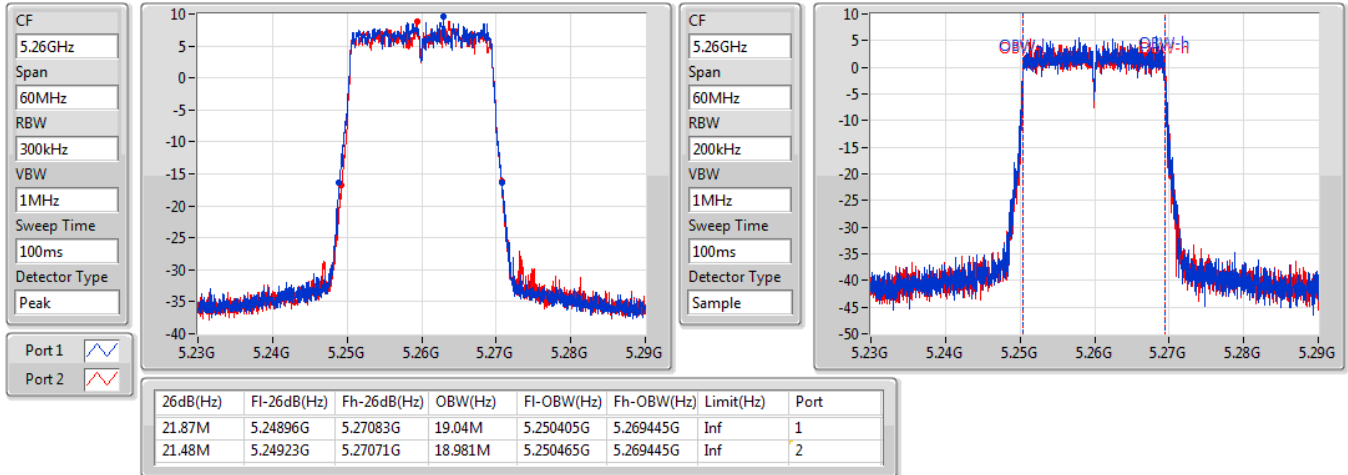

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

11/11/2019

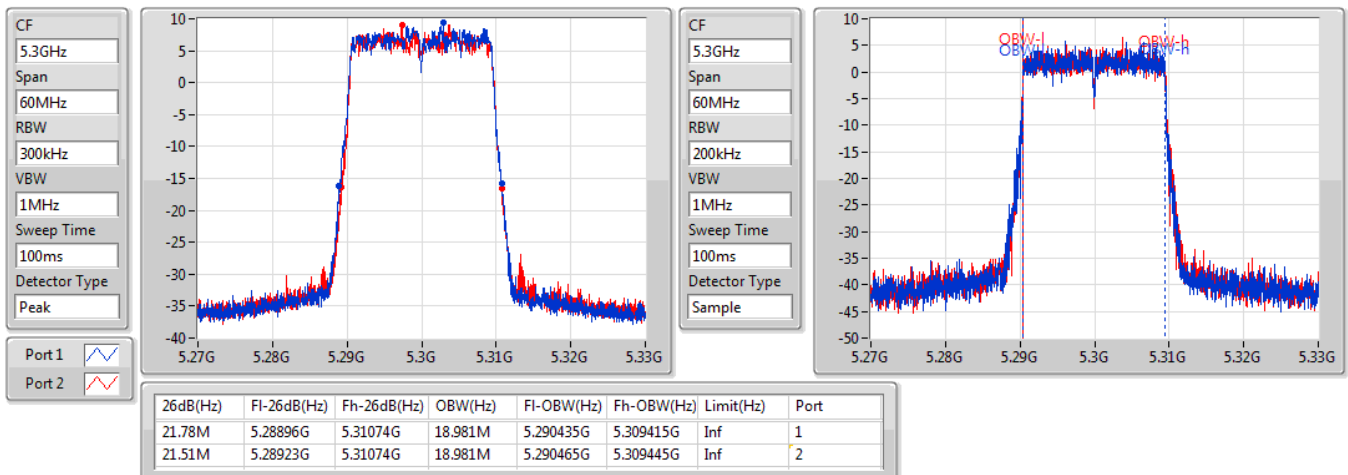


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

11/11/2019

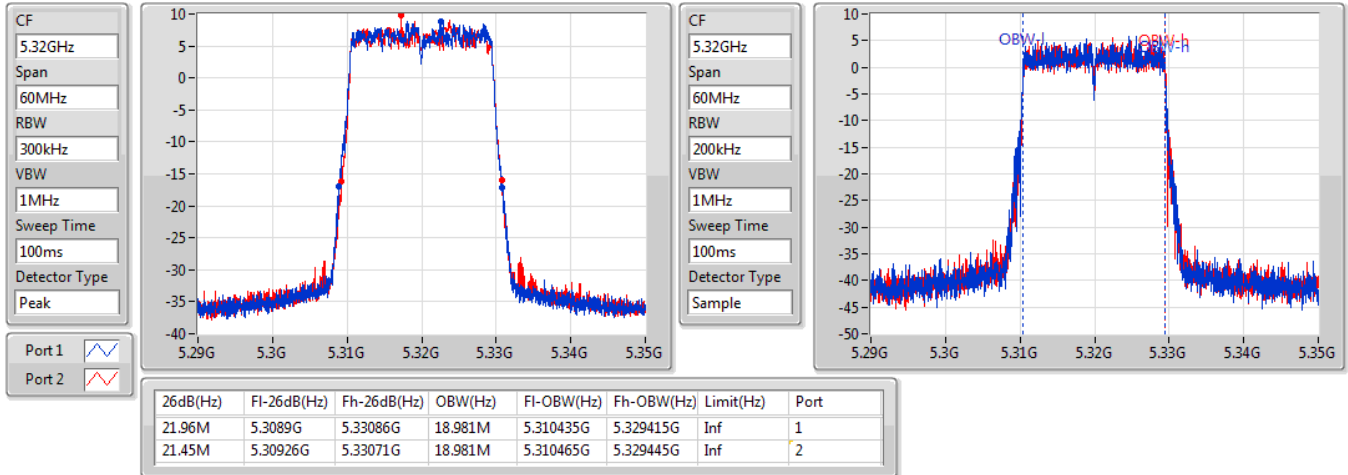

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

11/11/2019

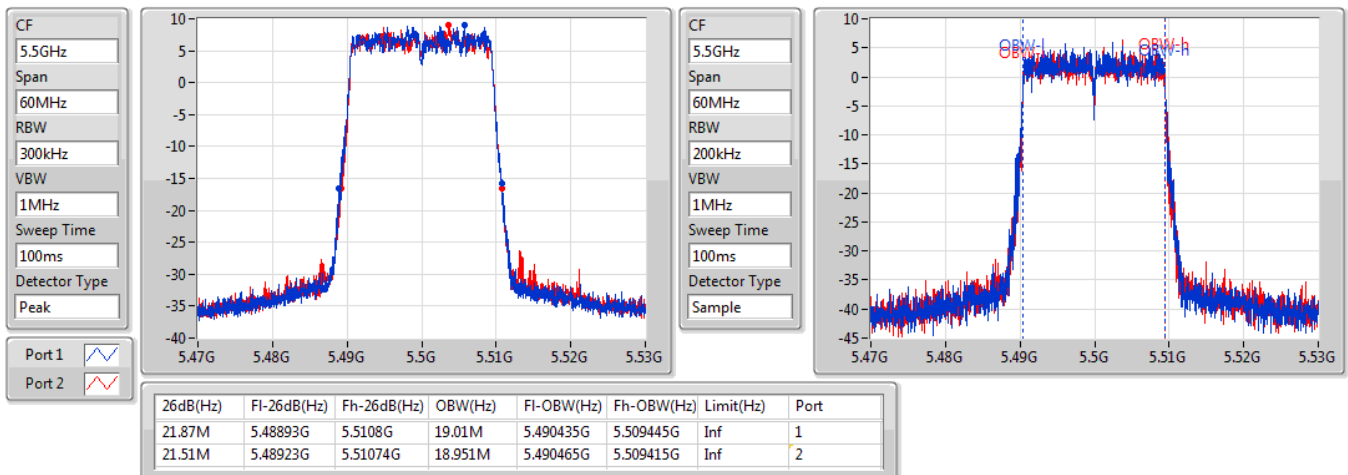


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

11/11/2019

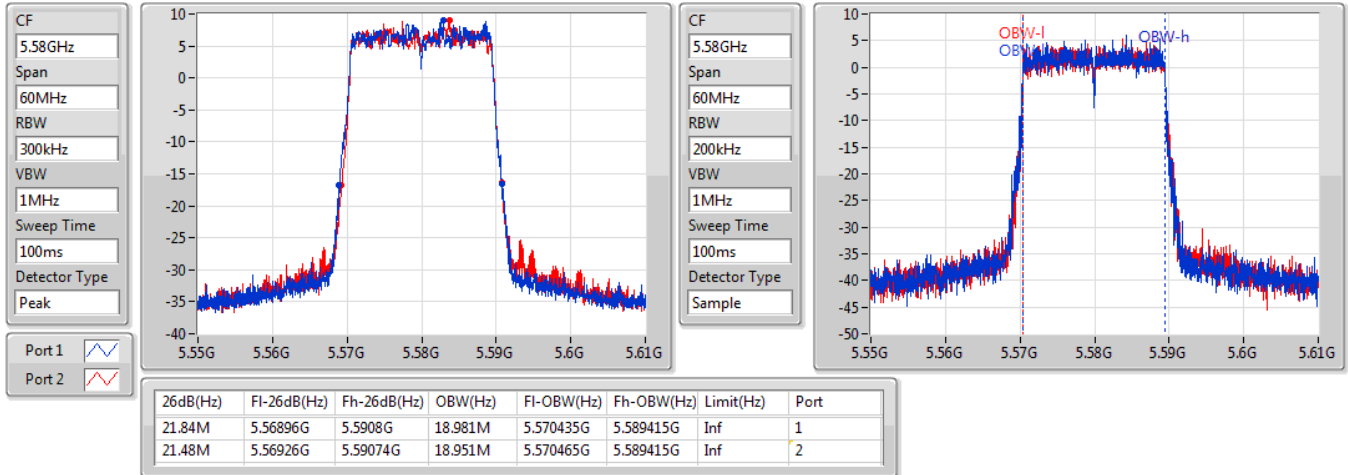

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

11/11/2019

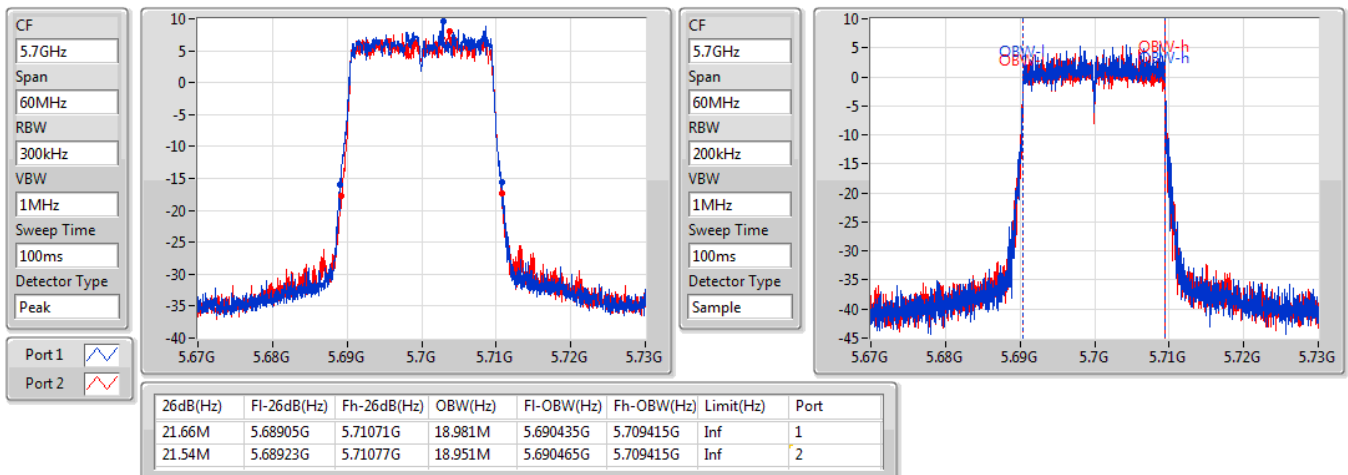


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

11/11/2019

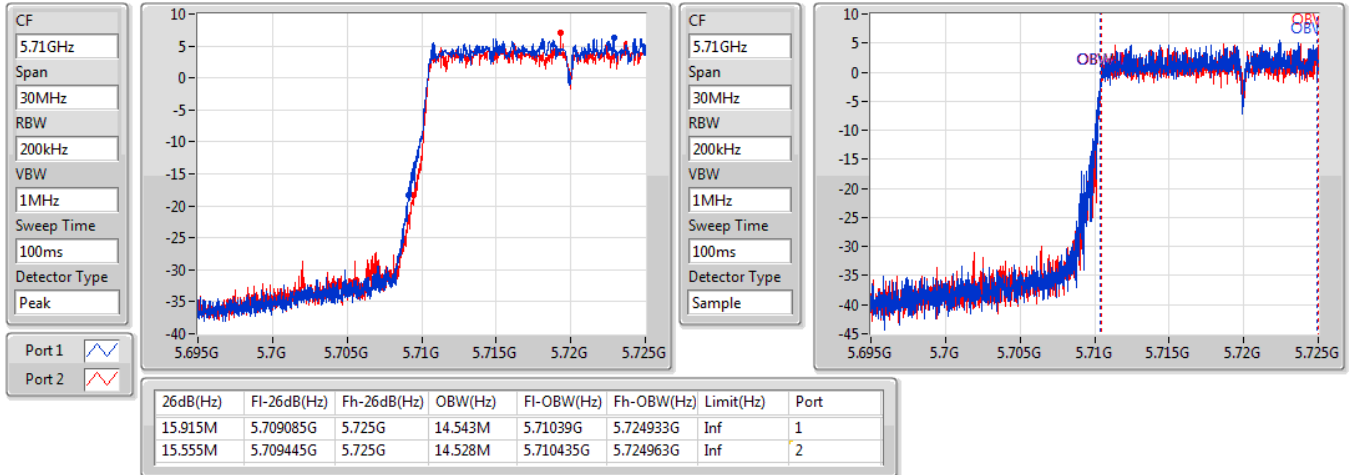

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

11/11/2019

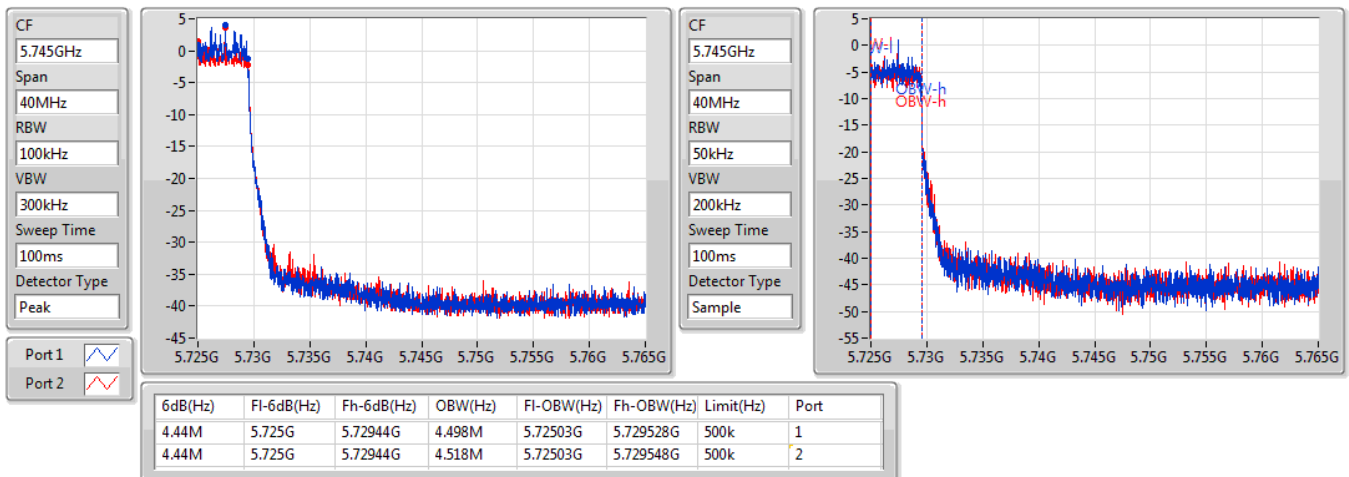


**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

11/11/2019

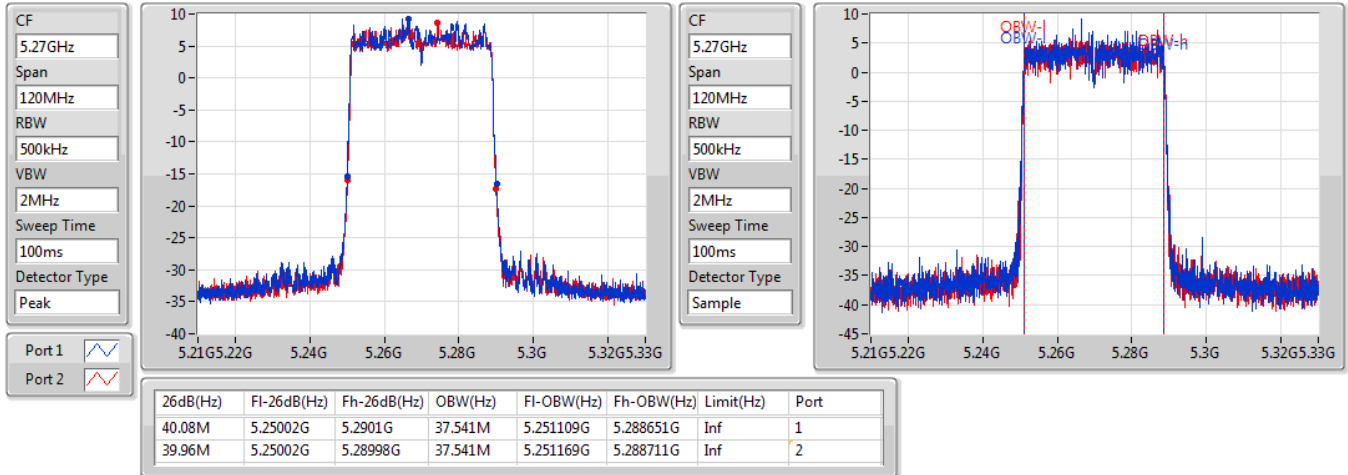

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

11/11/2019

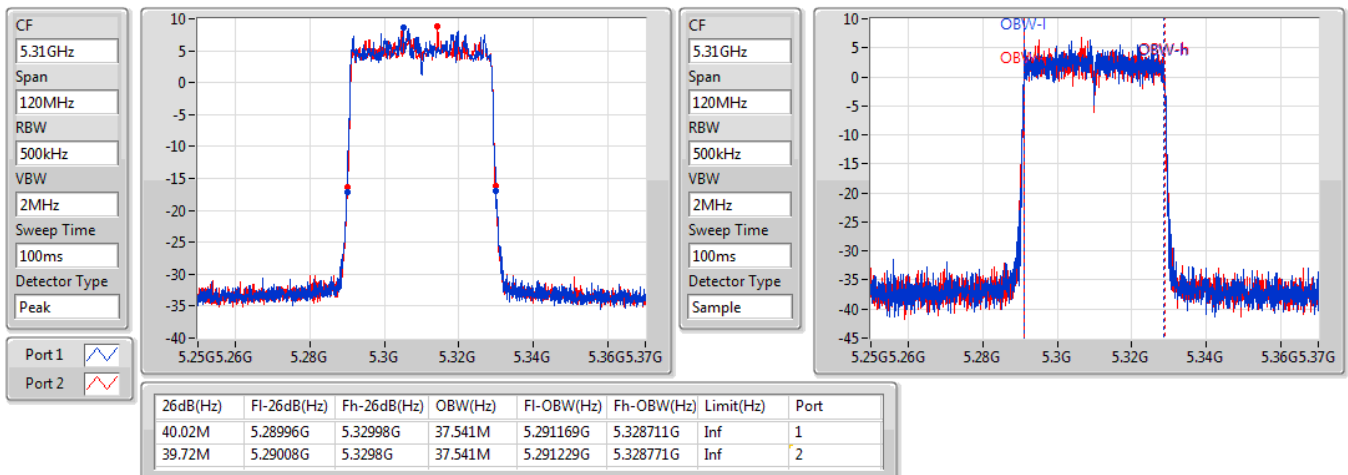


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5270MHz**

11/11/2019

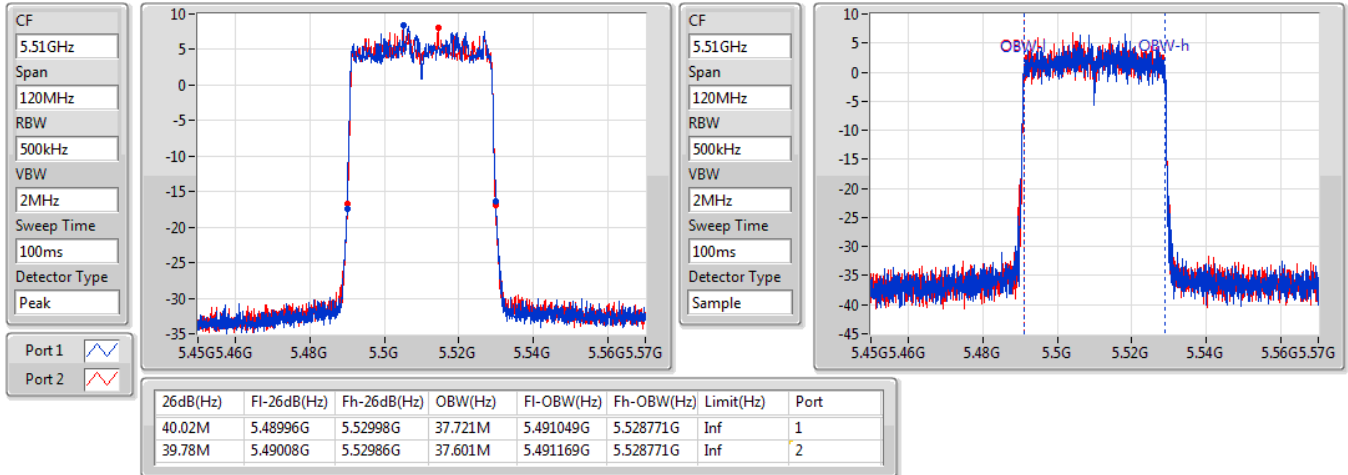

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5310MHz**

11/11/2019

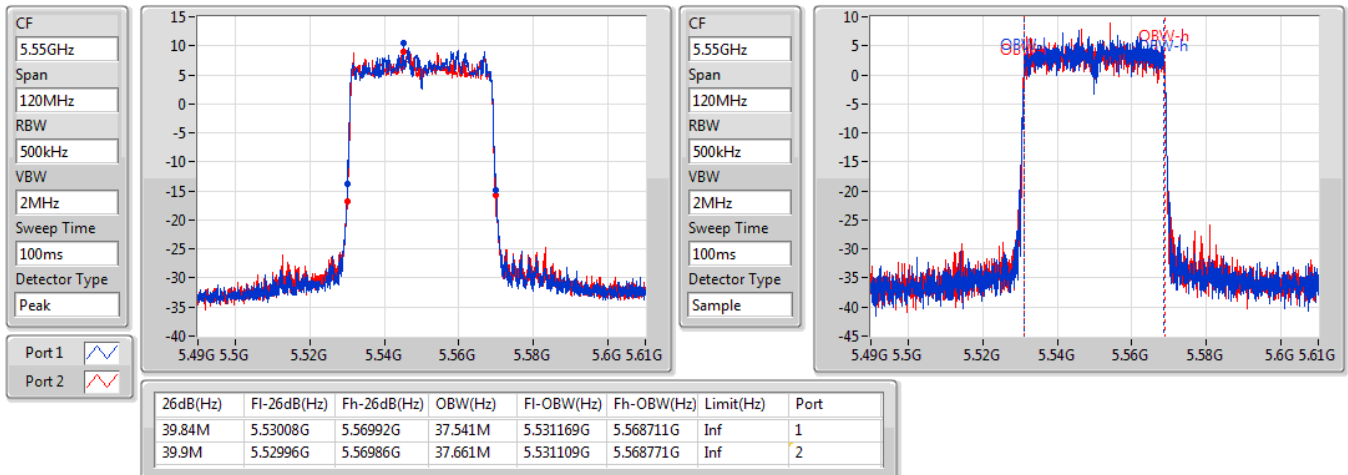


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

11/11/2019

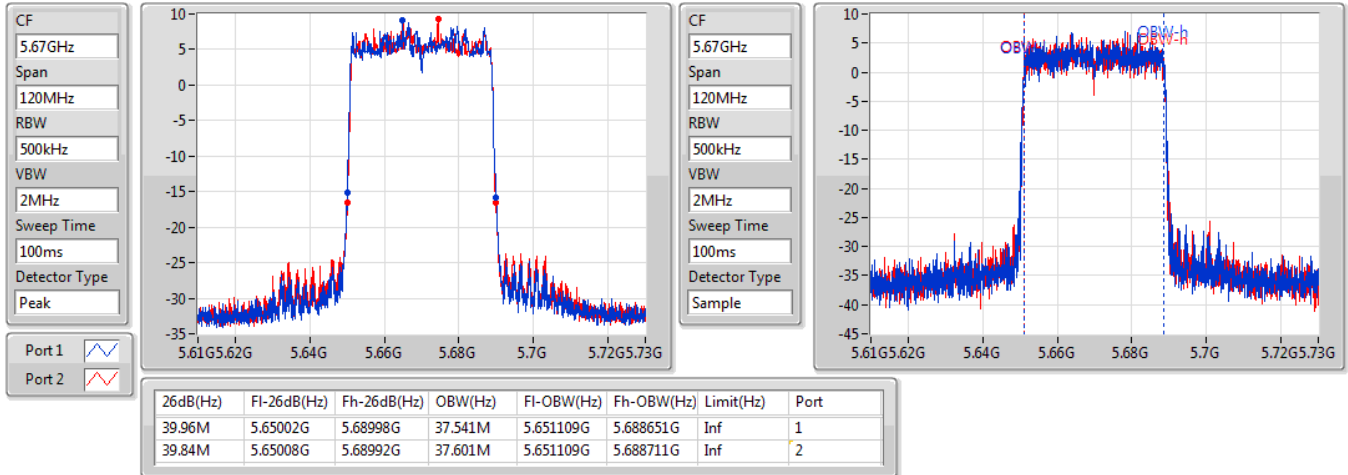

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

11/11/2019

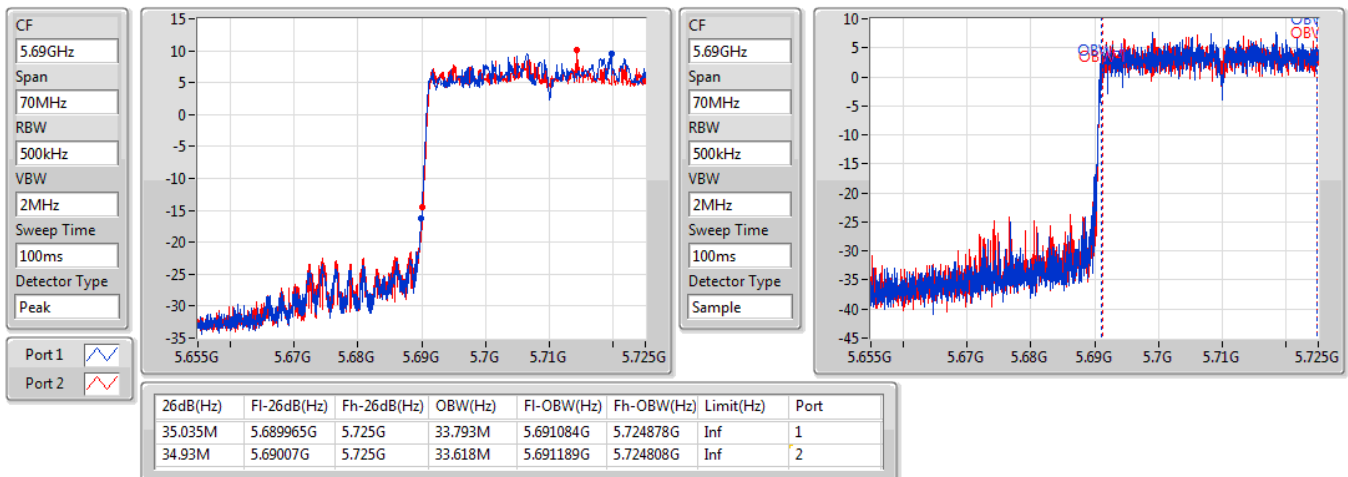


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

11/11/2019

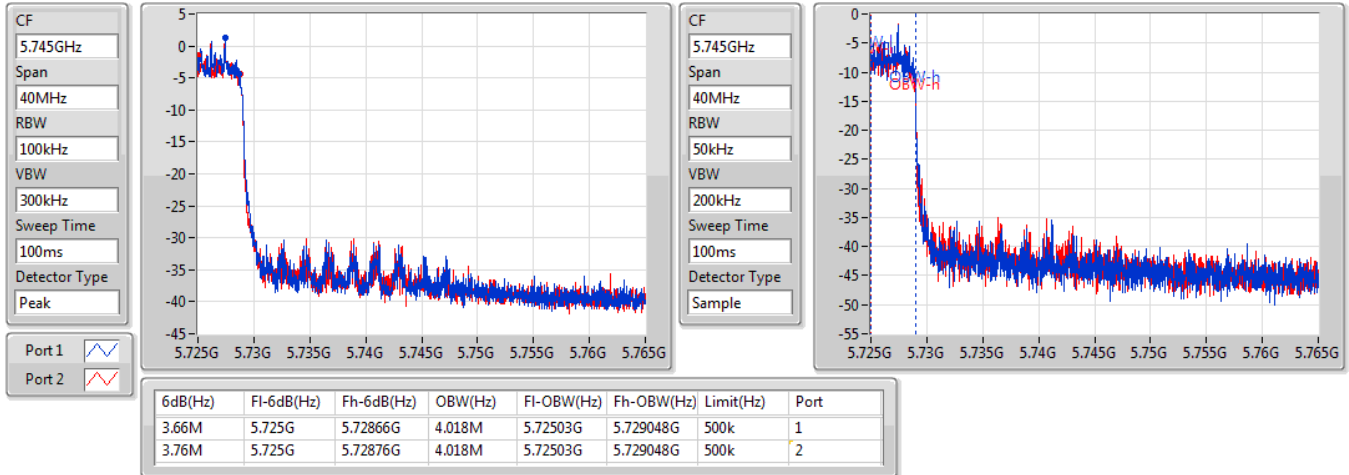

**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

11/11/2019

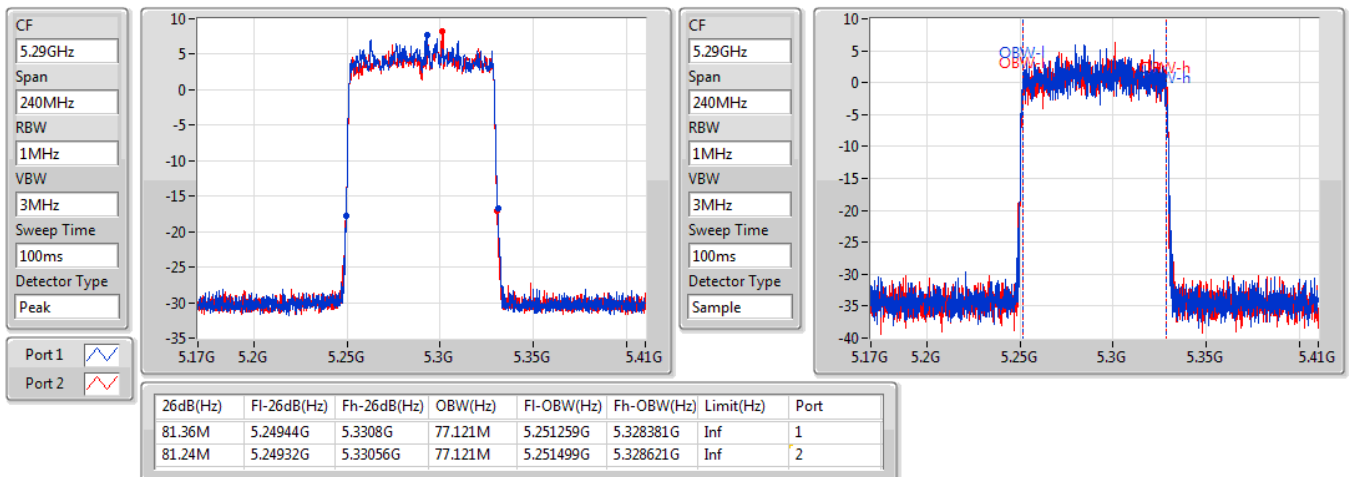


**802.11ax HEW40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

11/11/2019

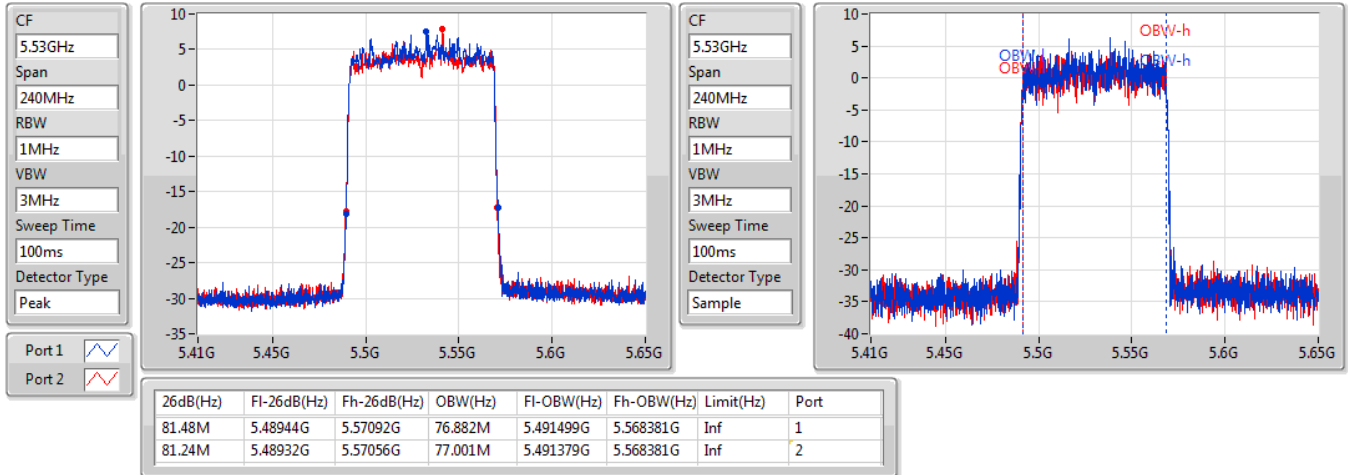

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

11/11/2019

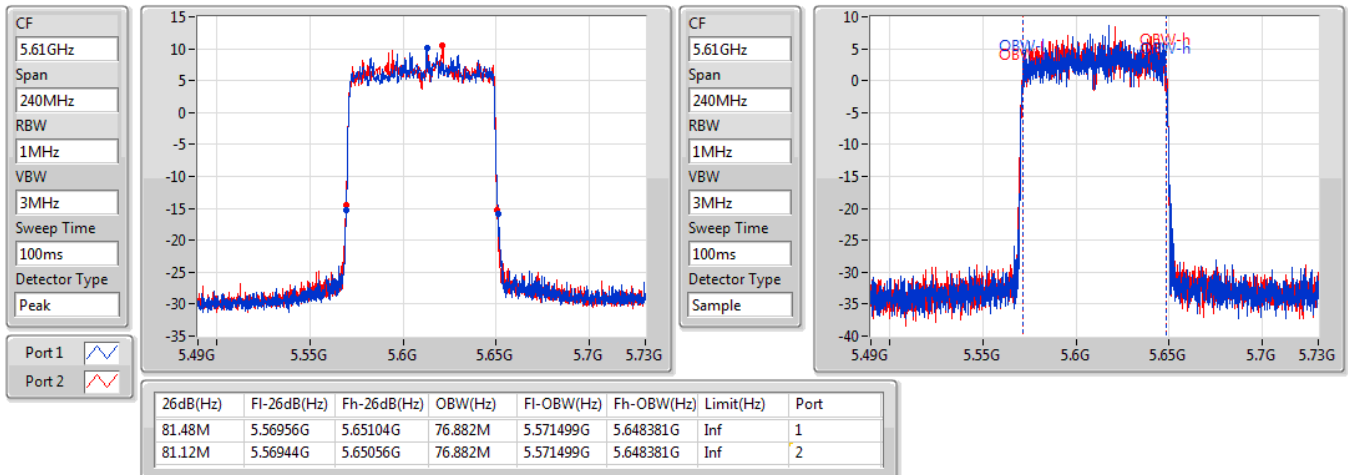


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

11/11/2019

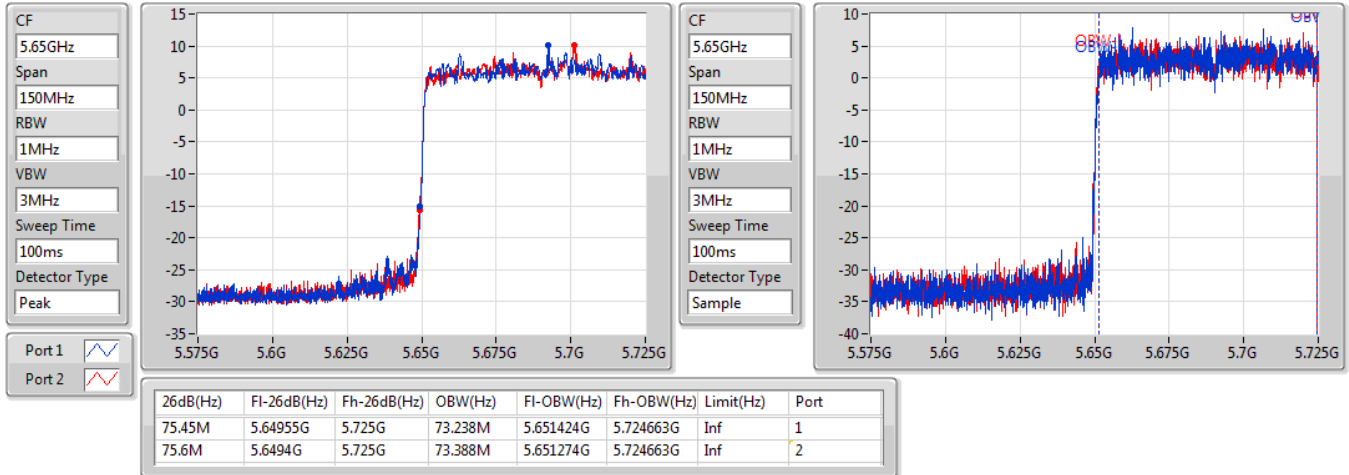

**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5610MHz**

11/11/2019

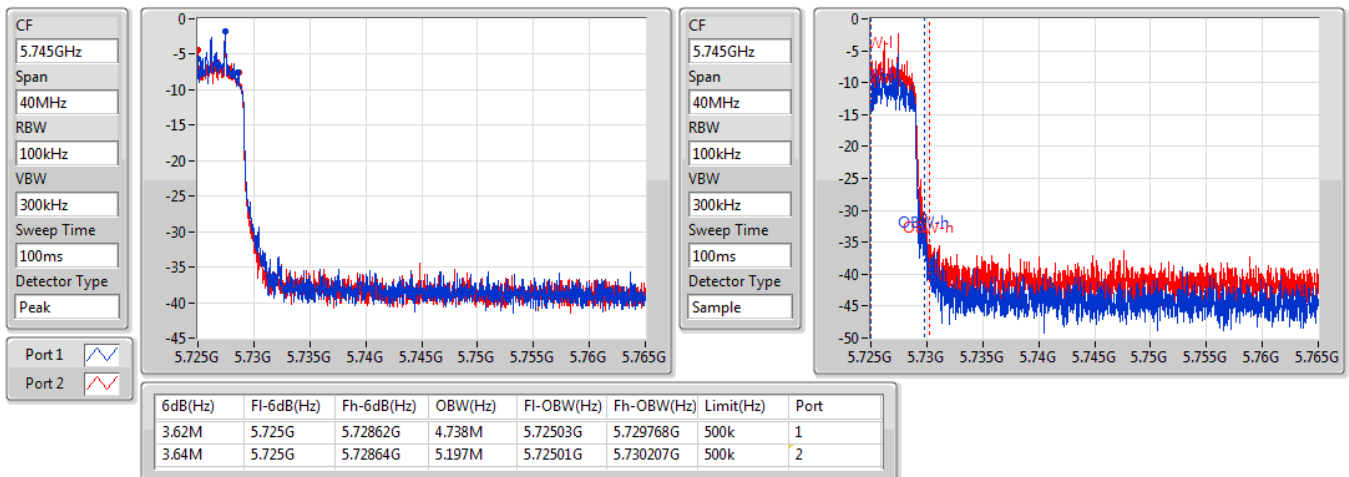


**802.11ax HEW80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

11/11/2019


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

11/11/2019





**Summary**

| Mode                              | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|-----------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.25-5.35GHz                      | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.775M          | 17.766M         | 17M8D1D  | 21.525M          | 17.666M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.25M           | 36.282M         | 36M3D1D  | 39.75M           | 36.182M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 81.9M            | 75.662M         | 75M7D1D  | 81.5M            | 75.662M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.725M          | 18.966M         | 19M0D1D  | 21.375M          | 18.916M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.15M           | 37.631M         | 37M6D1D  | 39.85M           | 37.531M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.1M            | 77.261M         | 77M3D1D  | 81.8M            | 77.161M         |
| 5.47-5.725GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.85M           | 17.791M         | 17M8D1D  | 15.72M           | 13.853M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 40.25M           | 36.332M         | 36M3D1D  | 34.895M          | 32.954M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 82.4M            | 75.862M         | 75M9D1D  | 75.675M          | 72.414M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.75M           | 18.991M         | 19M0D1D  | 15.645M          | 14.453M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 40.15M           | 37.581M         | 37M6D1D  | 34.895M          | 33.618M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 82.2M            | 77.161M         | 77M2D1D  | 75.825M          | 73.163M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 3.76M            | 4.298M          | 4M30D1D  | 3.76M            | 4.278M          |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 3.14M            | 3.578M          | 3M58D1D  | 3.14M            | 3.558M          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 3.14M            | 3.678M          | 3M68D1D  | 3.14M            | 3.618M          |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 4.48M            | 4.538M          | 4M54D1D  | 4.46M            | 4.538M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 3.84M            | 4.038M          | 4M04D1D  | 3.72M            | 4.038M          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.8M             | 4.078M          | 4M08D1D  | 3.72M            | 4.058M          |

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

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

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

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

**Result**

| Mode                              | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 21.725M             | 17.741M            | 21.55M              | 17.766M            |
| 5300MHz                           | Pass   | Inf           | 21.775M             | 17.766M            | 21.6M               | 17.766M            |
| 5320MHz                           | Pass   | Inf           | 21.75M              | 17.766M            | 21.525M             | 17.666M            |
| 5500MHz                           | Pass   | Inf           | 21.575M             | 17.766M            | 21.575M             | 17.741M            |
| 5580MHz                           | Pass   | Inf           | 21.85M              | 17.741M            | 21.55M              | 17.716M            |
| 5700MHz                           | Pass   | Inf           | 21.725M             | 17.741M            | 21.55M              | 17.791M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 15.765M             | 13.853M            | 15.72M              | 13.898M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.76M               | 4.278M             | 3.76M               | 4.298M             |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.25M              | 36.232M            | 39.75M              | 36.282M            |
| 5310MHz                           | Pass   | Inf           | 40.2M               | 36.232M            | 39.8M               | 36.182M            |
| 5510MHz                           | Pass   | Inf           | 40.15M              | 36.182M            | 39.75M              | 36.282M            |
| 5550MHz                           | Pass   | Inf           | 40.1M               | 36.282M            | 39.9M               | 36.282M            |
| 5670MHz                           | Pass   | Inf           | 40.25M              | 36.332M            | 39.8M               | 36.332M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 35.035M             | 32.954M            | 34.895M             | 32.989M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.14M               | 3.558M             | 3.14M               | 3.578M             |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 81.9M               | 75.662M            | 81.5M               | 75.662M            |
| 5530MHz                           | Pass   | Inf           | 82.4M               | 75.762M            | 81.4M               | 75.862M            |
| 5610MHz                           | Pass   | Inf           | 82.2M               | 75.762M            | 81.2M               | 75.762M            |
| 5690MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 75.9M               | 72.489M            | 75.675M             | 72.414M            |
| 5690MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.14M               | 3.678M             | 3.14M               | 3.618M             |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                           | Pass   | Inf           | 21.7M               | 18.966M            | 21.6M               | 18.966M            |
| 5300MHz                           | Pass   | Inf           | 21.7M               | 18.941M            | 21.375M             | 18.966M            |
| 5320MHz                           | Pass   | Inf           | 21.725M             | 18.966M            | 21.525M             | 18.916M            |
| 5500MHz                           | Pass   | Inf           | 21.75M              | 18.966M            | 21.575M             | 18.941M            |
| 5580MHz                           | Pass   | Inf           | 21.675M             | 18.991M            | 21.675M             | 18.966M            |
| 5700MHz                           | Pass   | Inf           | 21.625M             | 18.991M            | 21.625M             | 18.991M            |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 15.765M             | 14.453M            | 15.645M             | 14.483M            |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 4.48M               | 4.538M             | 4.46M               | 4.538M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                           | Pass   | Inf           | 40.15M              | 37.531M            | 39.95M              | 37.631M            |
| 5310MHz                           | Pass   | Inf           | 39.95M              | 37.531M            | 39.85M              | 37.531M            |
| 5510MHz                           | Pass   | Inf           | 40.1M               | 37.581M            | 39.85M              | 37.531M            |
| 5550MHz                           | Pass   | Inf           | 40.05M              | 37.531M            | 39.85M              | 37.531M            |
| 5670MHz                           | Pass   | Inf           | 40.15M              | 37.531M            | 39.85M              | 37.531M            |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | Inf           | 35.035M             | 33.688M            | 34.895M             | 33.618M            |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 500k          | 3.72M               | 4.038M             | 3.84M               | 4.038M             |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                           | Pass   | Inf           | 82.1M               | 77.161M            | 81.8M               | 77.261M            |
| 5530MHz                           | Pass   | Inf           | 82.1M               | 76.862M            | 81.7M               | 77.161M            |
| 5610MHz                           | Pass   | Inf           | 82.2M               | 77.061M            | 81.9M               | 77.161M            |



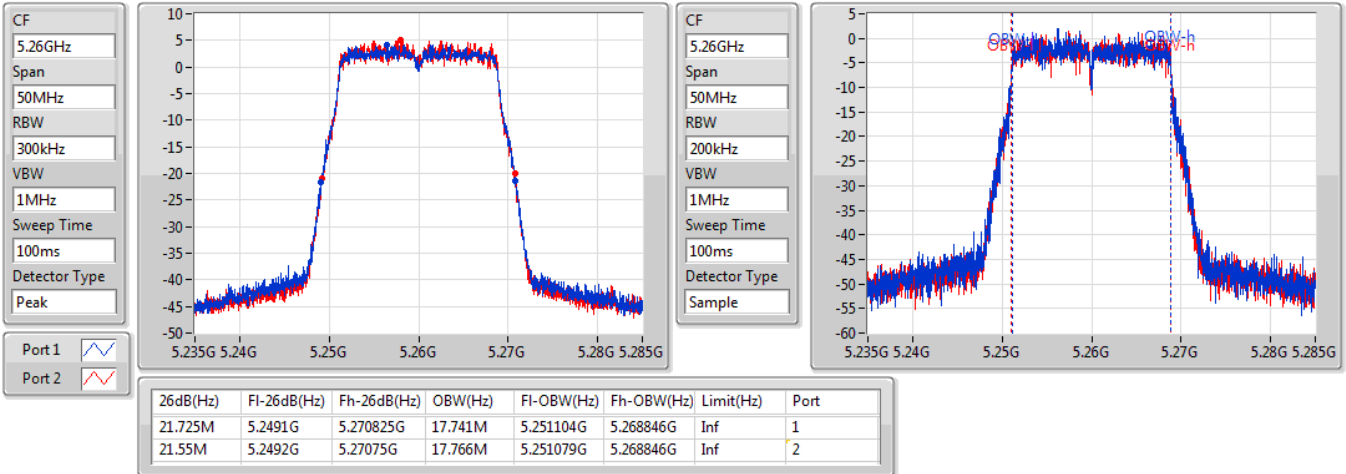
| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 75.975M             | 73.163M            | 75.825M             | 73.388M            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.8M                | 4.078M             | 3.72M               | 4.058M             |

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

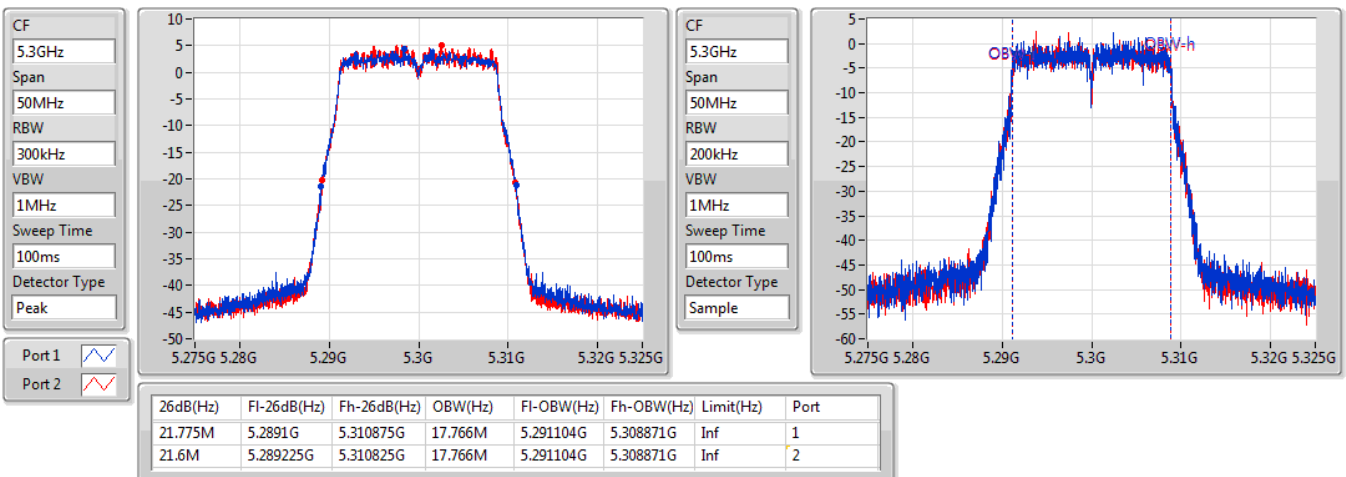
**Port X-OBW** = Port X 99% occupied bandwidth;

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

12/11/2019

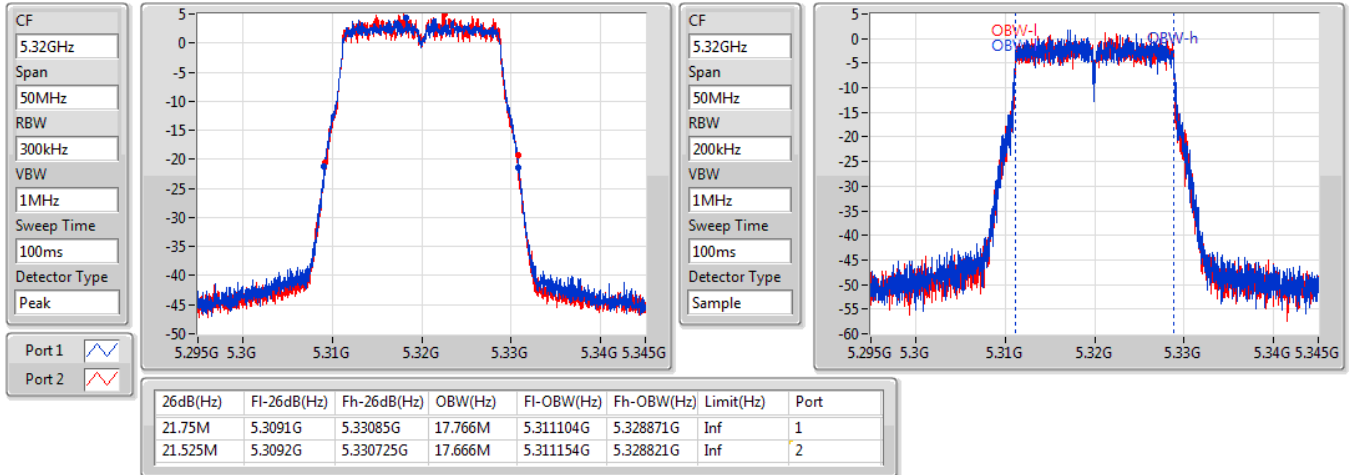

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

12/11/2019

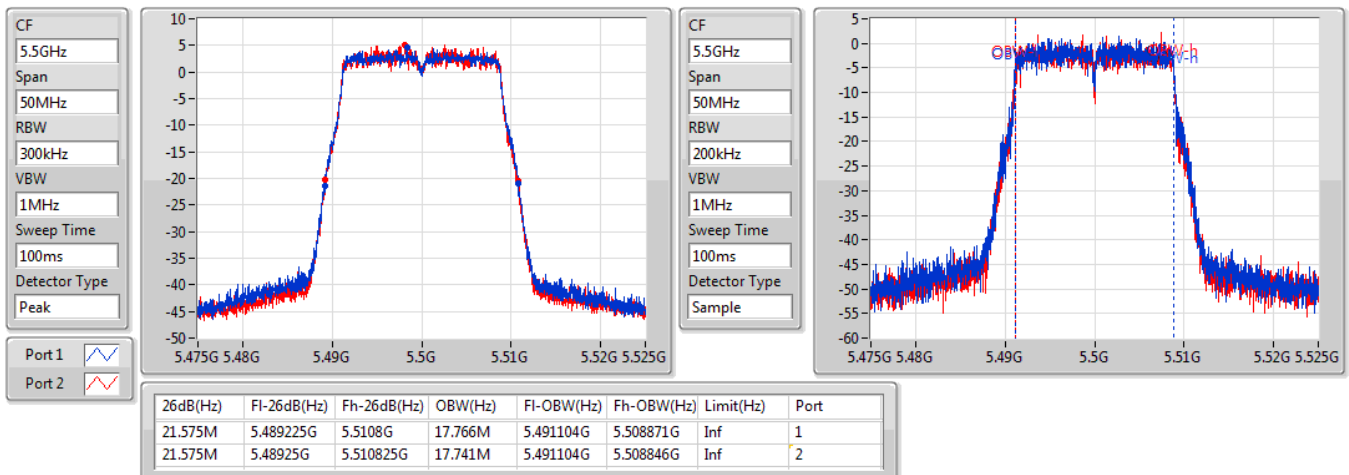


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

12/11/2019

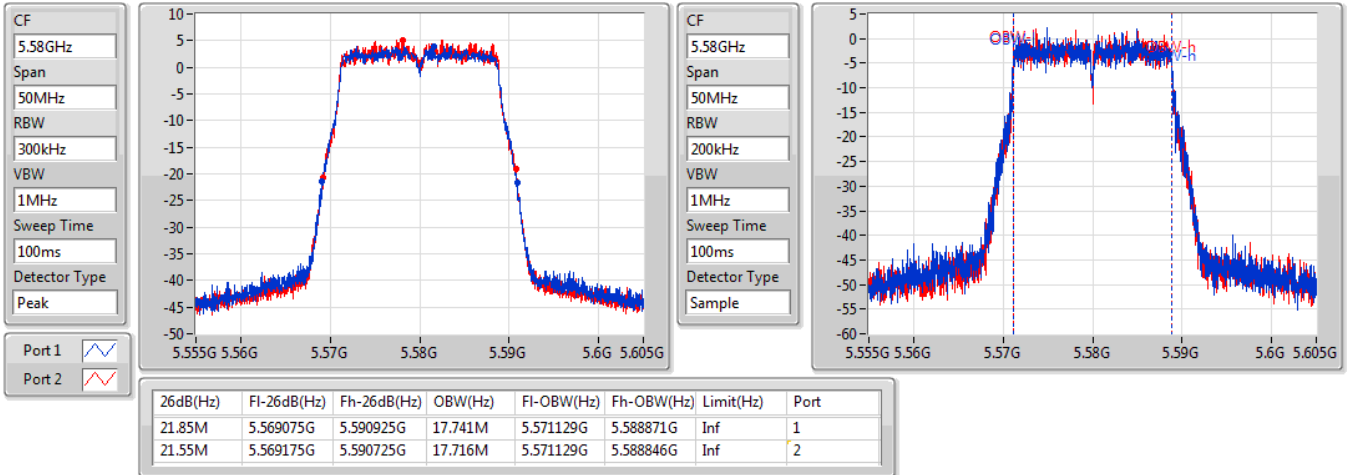

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

12/11/2019

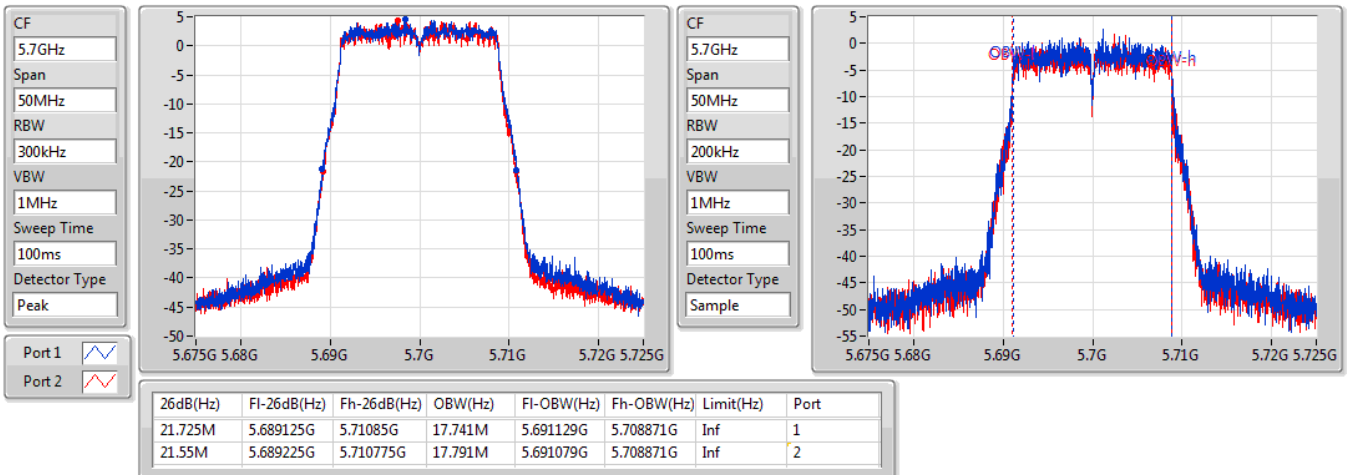


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

12/11/2019

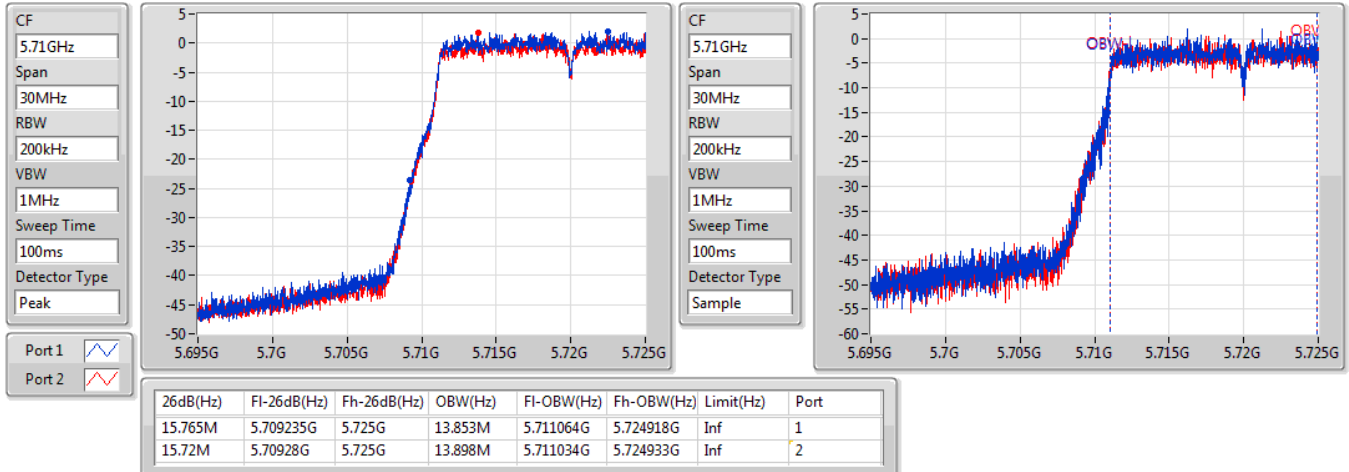

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

12/11/2019

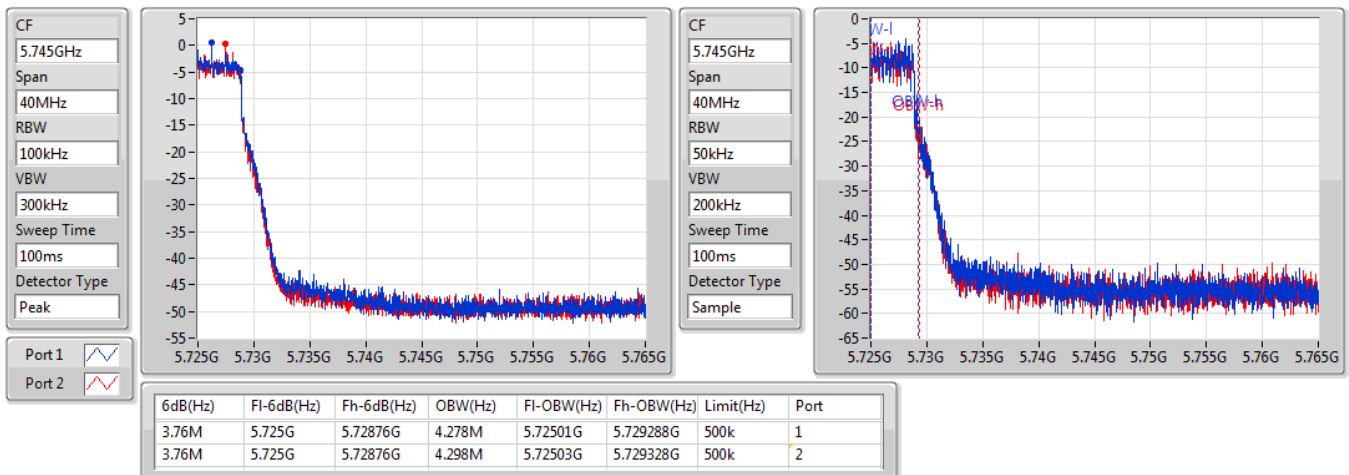


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

12/11/2019

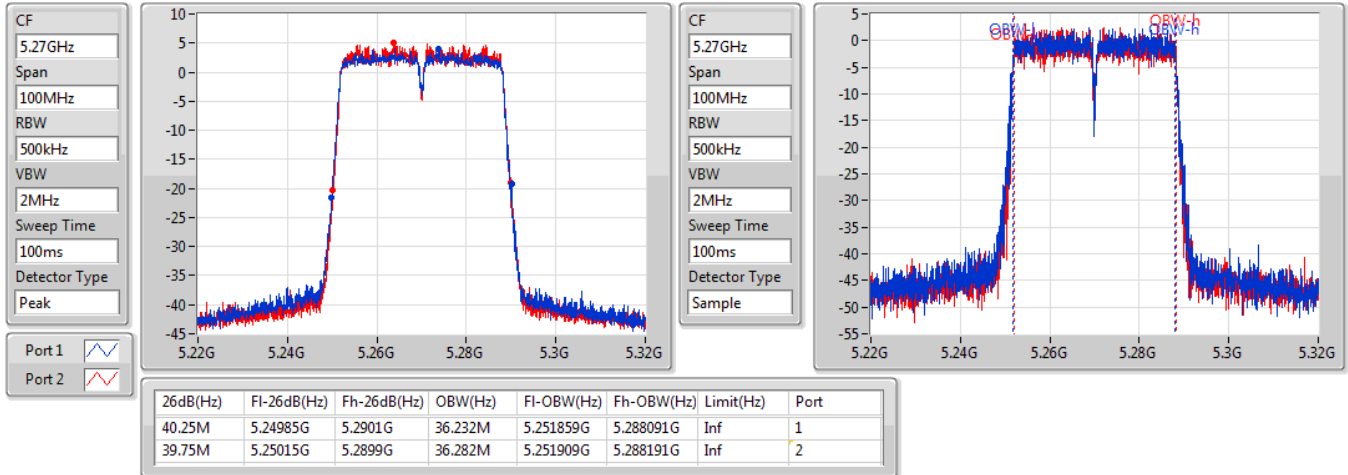

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

12/11/2019

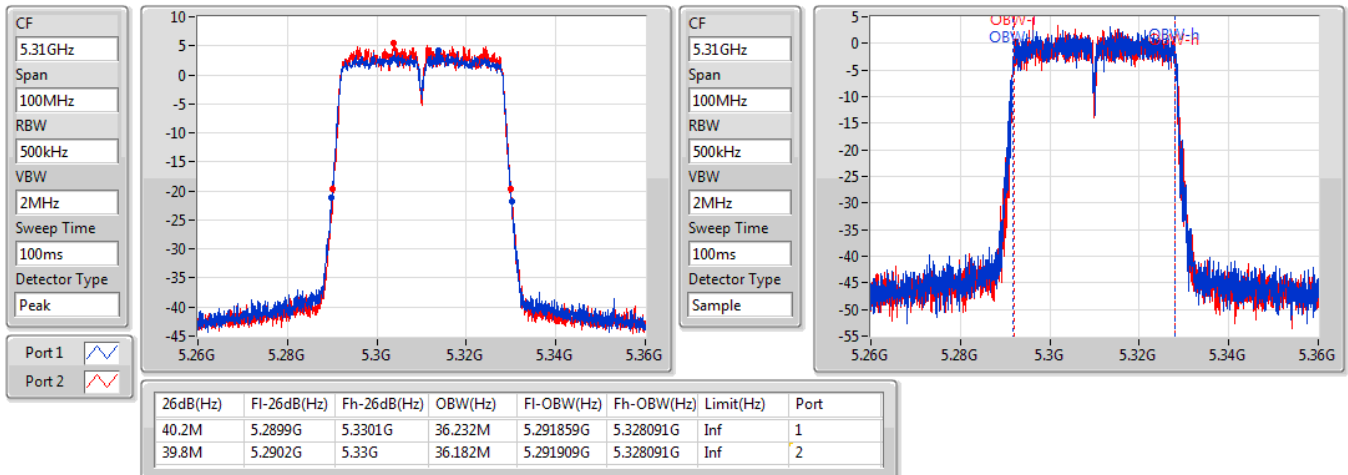


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

12/11/2019

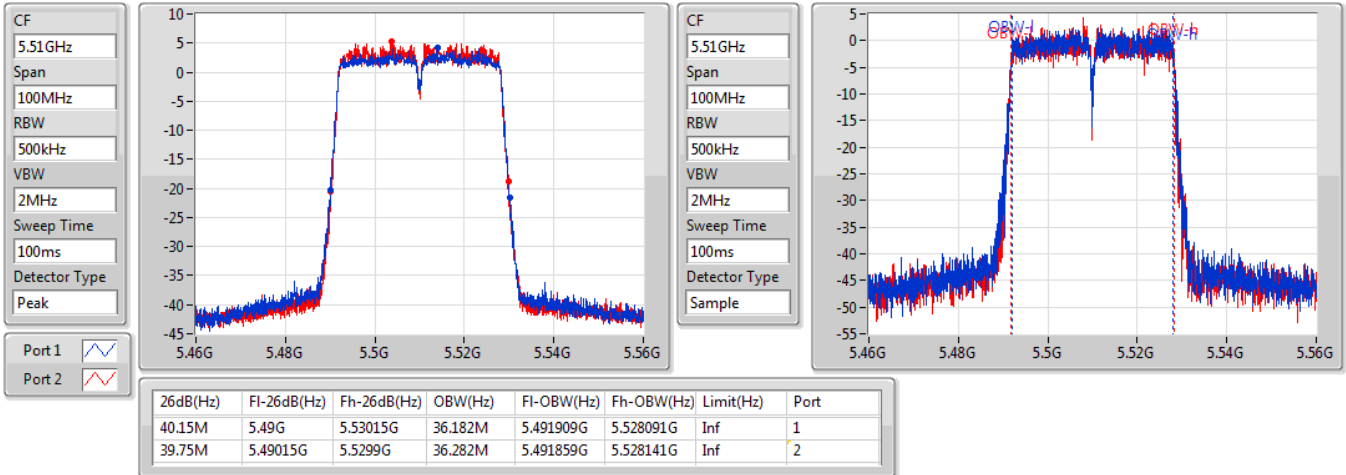

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

12/11/2019

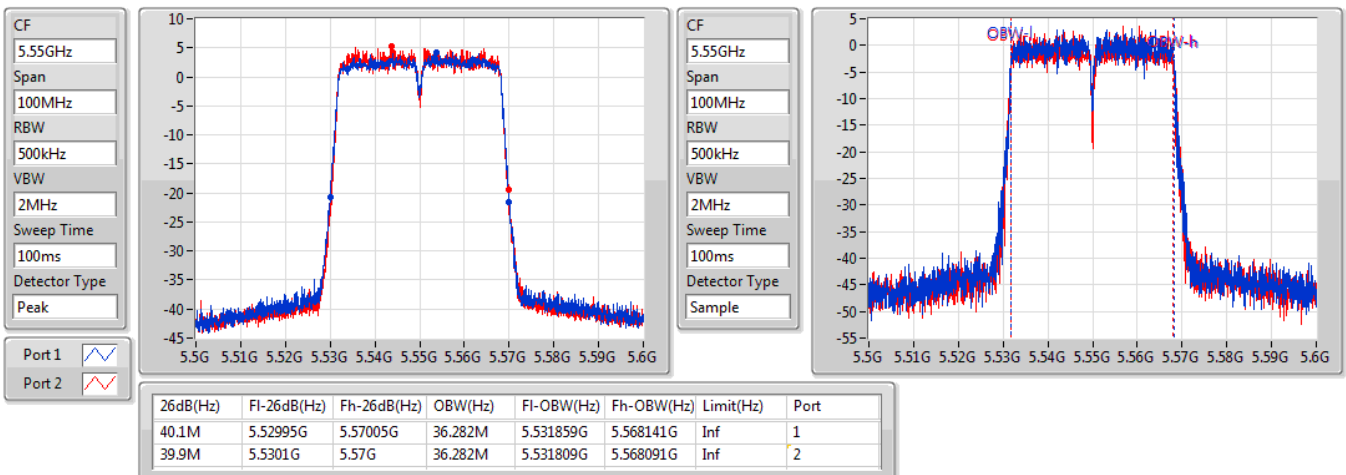


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

12/11/2019

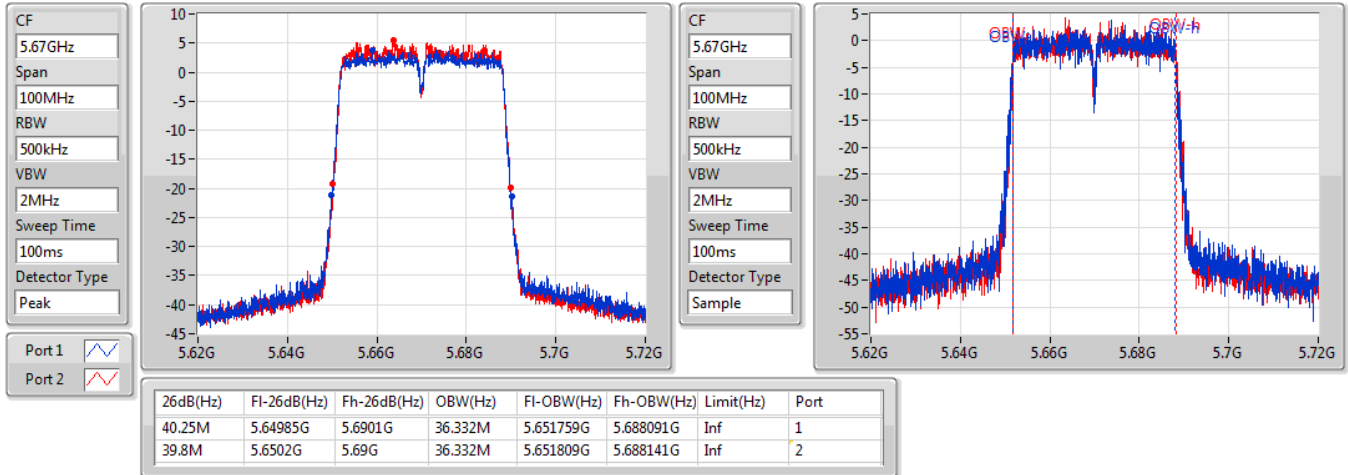

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

12/11/2019

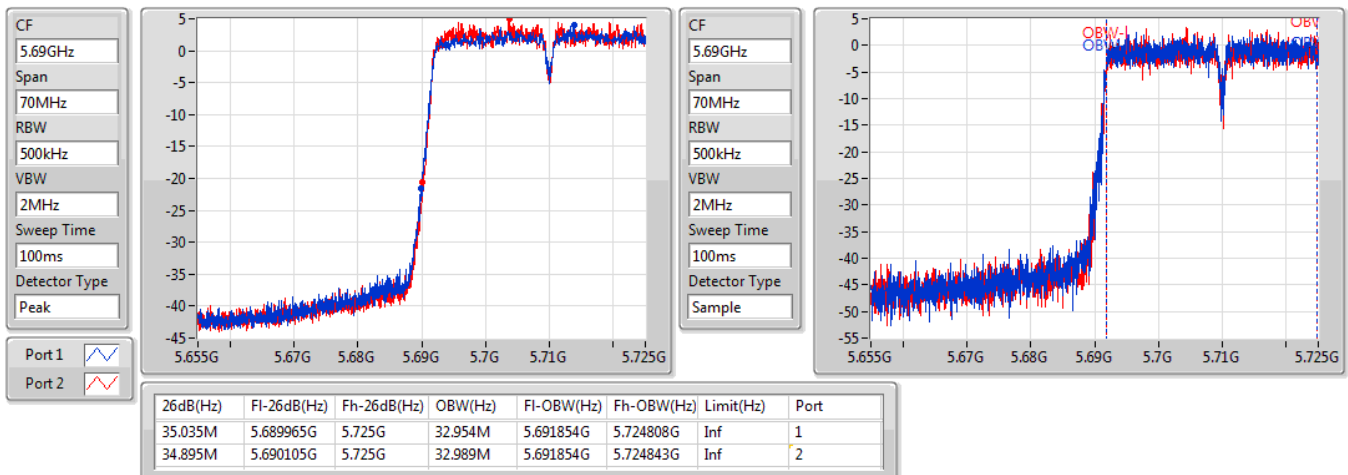


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

12/11/2019

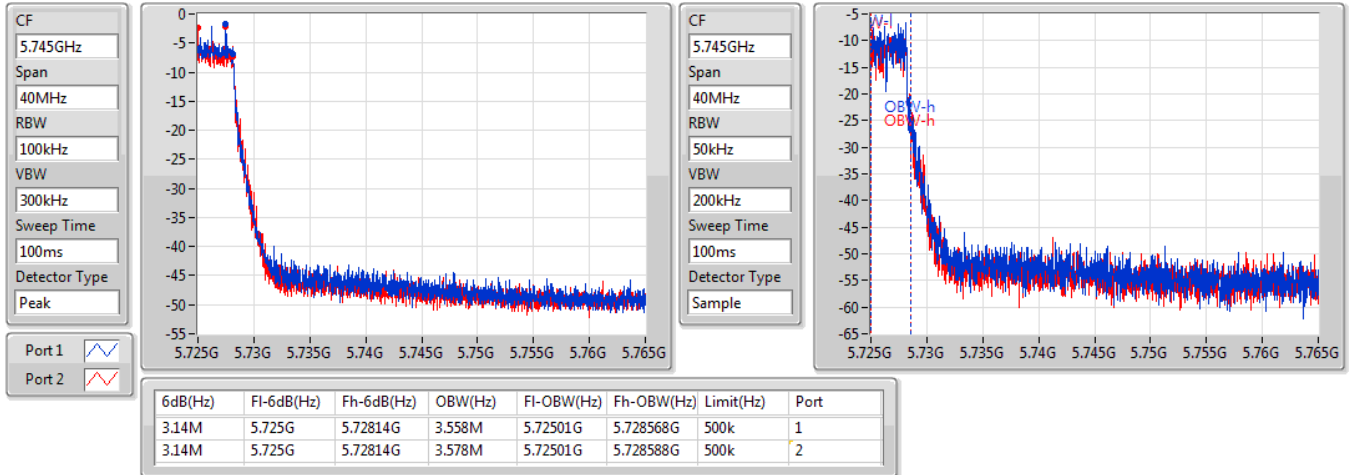

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

12/11/2019

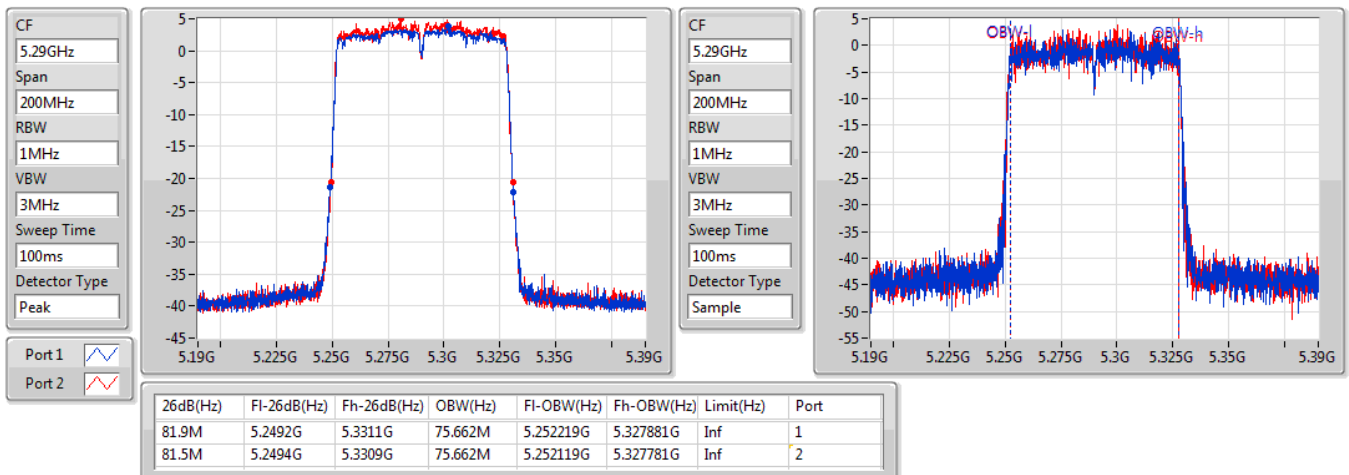


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

12/11/2019

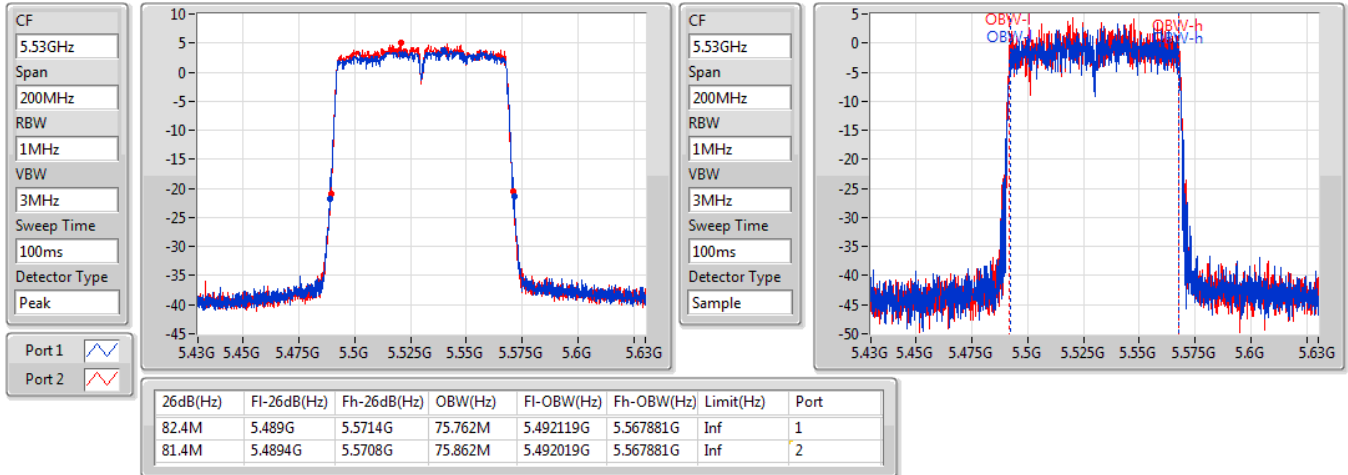

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

12/11/2019

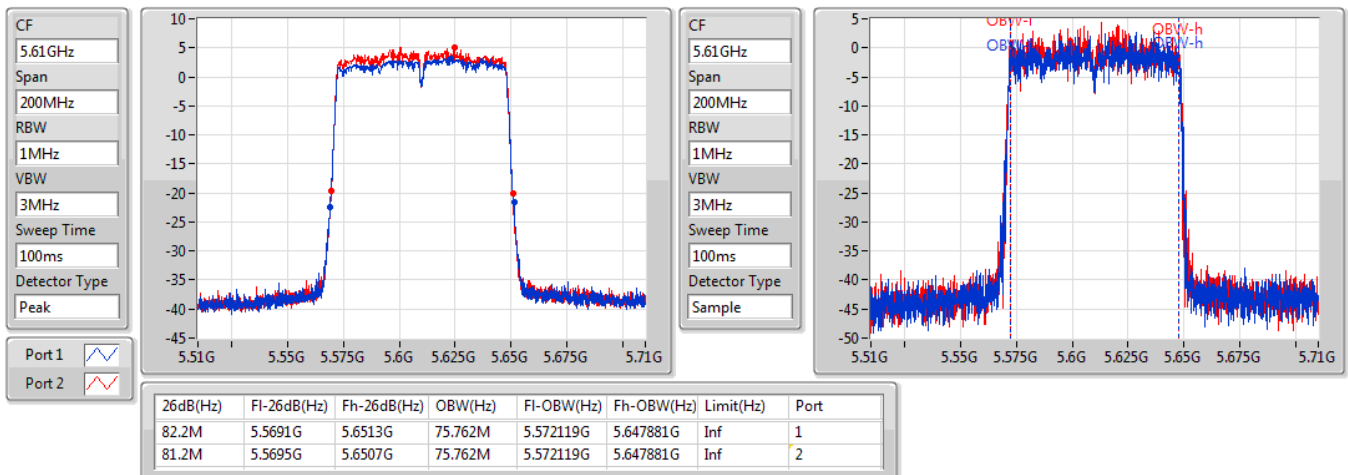


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

12/11/2019

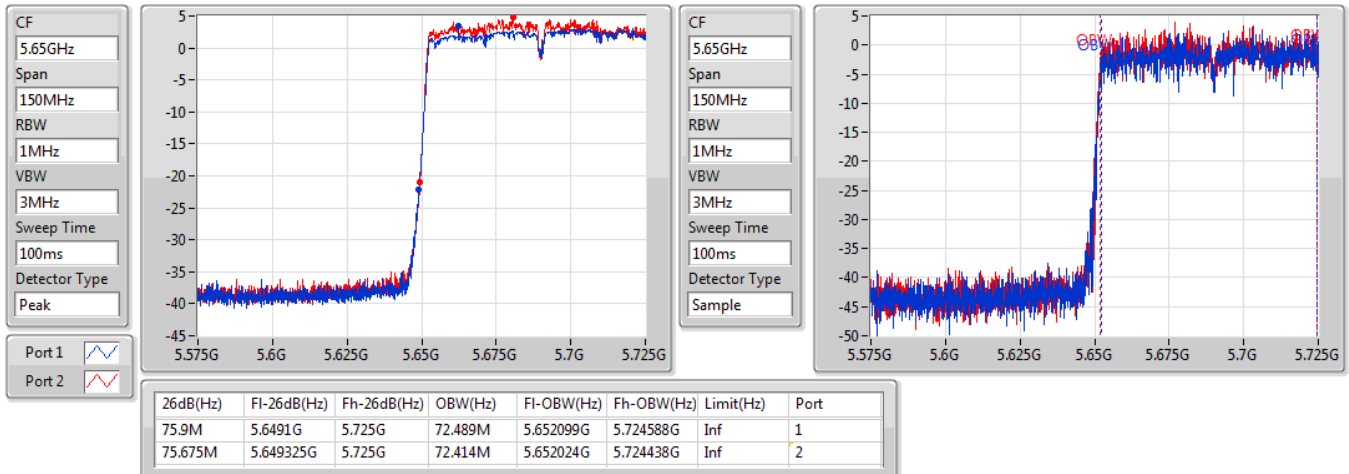

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

12/11/2019

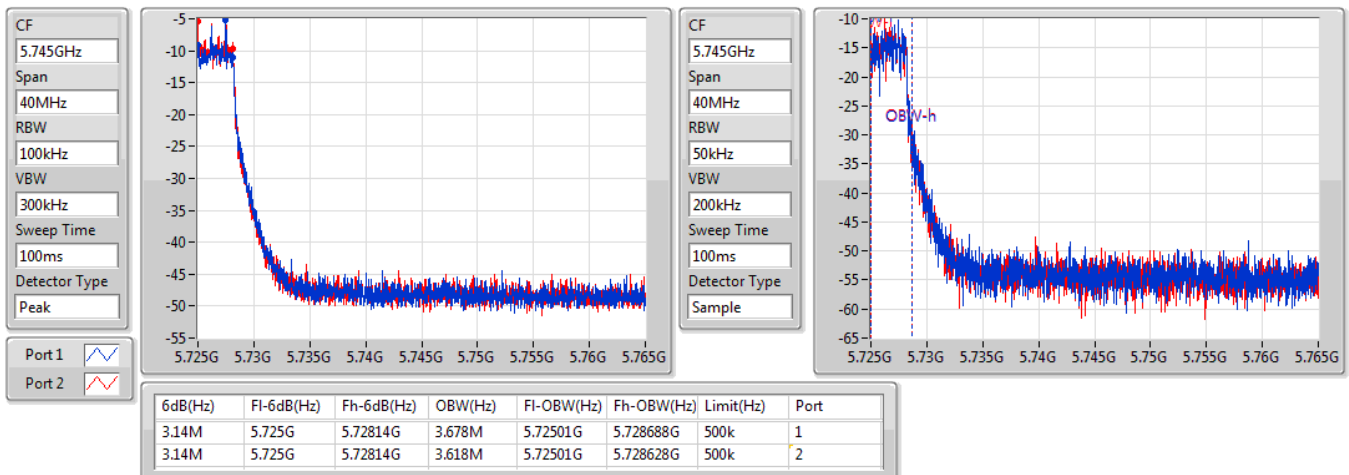


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

12/11/2019

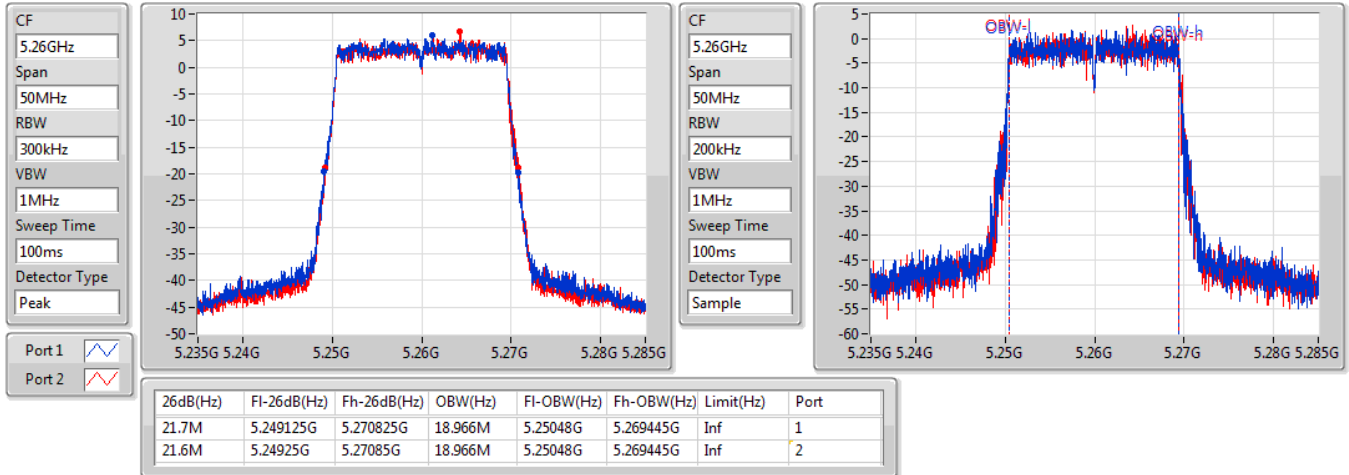

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

12/11/2019

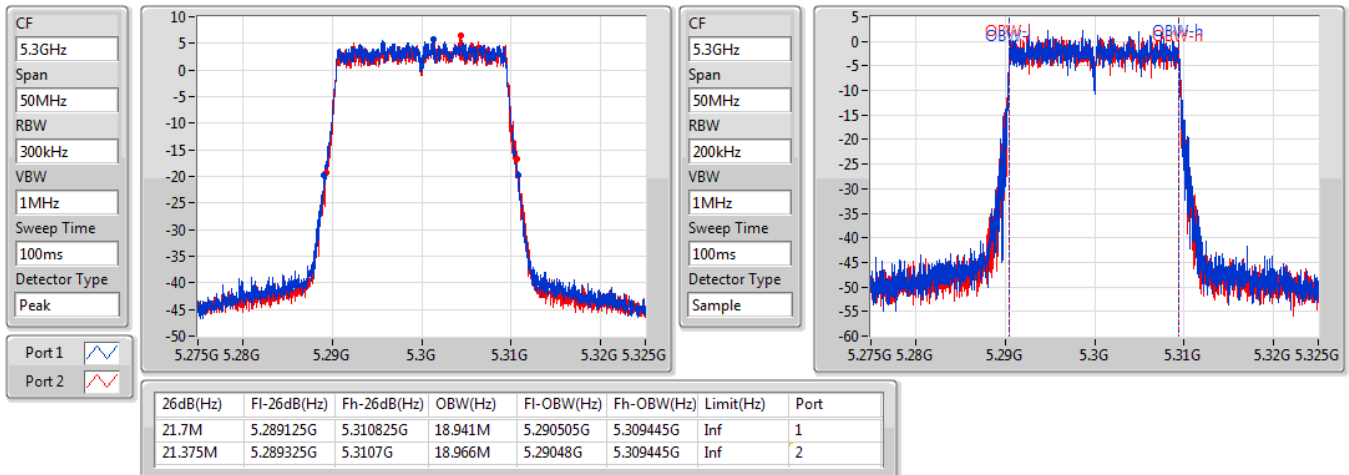


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

12/11/2019

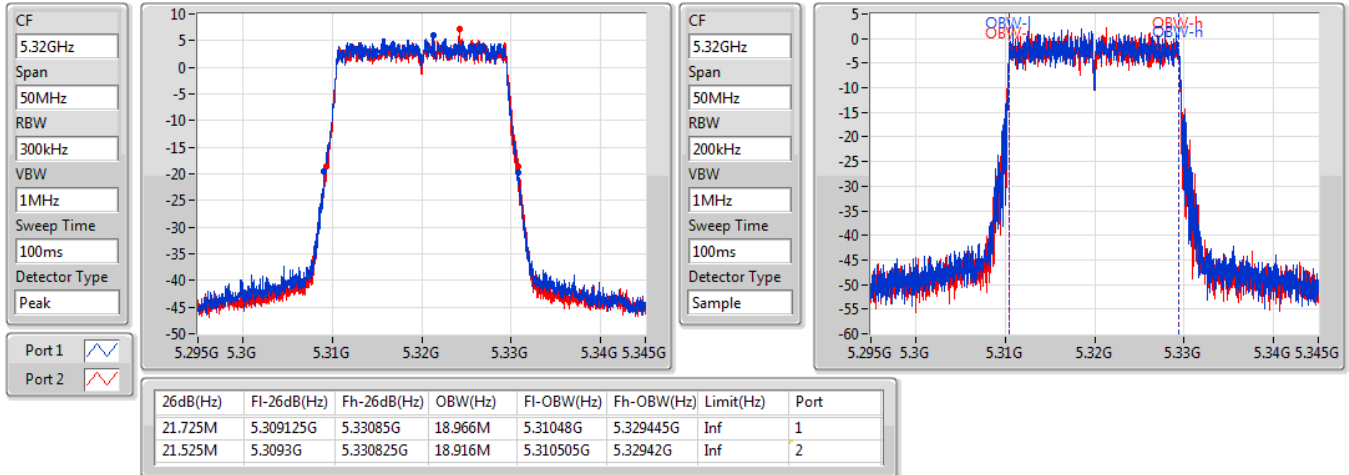

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

12/11/2019

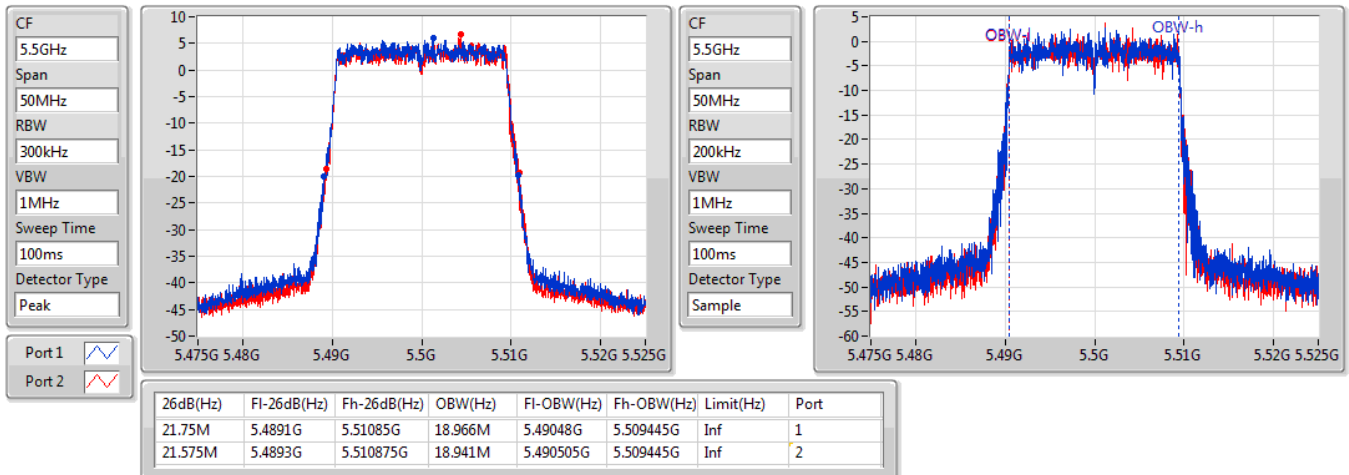


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

12/11/2019

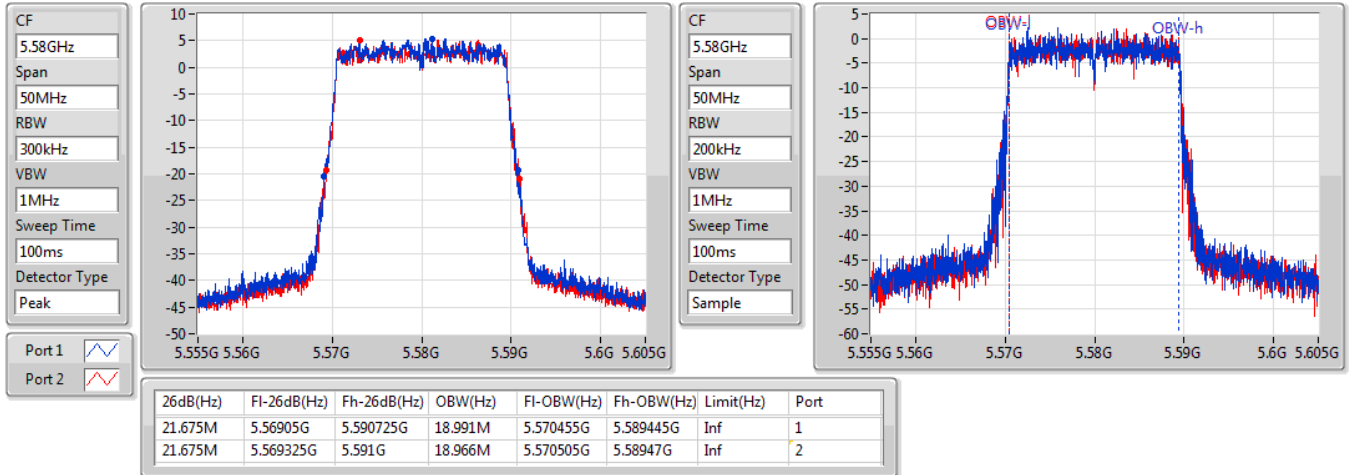

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

12/11/2019

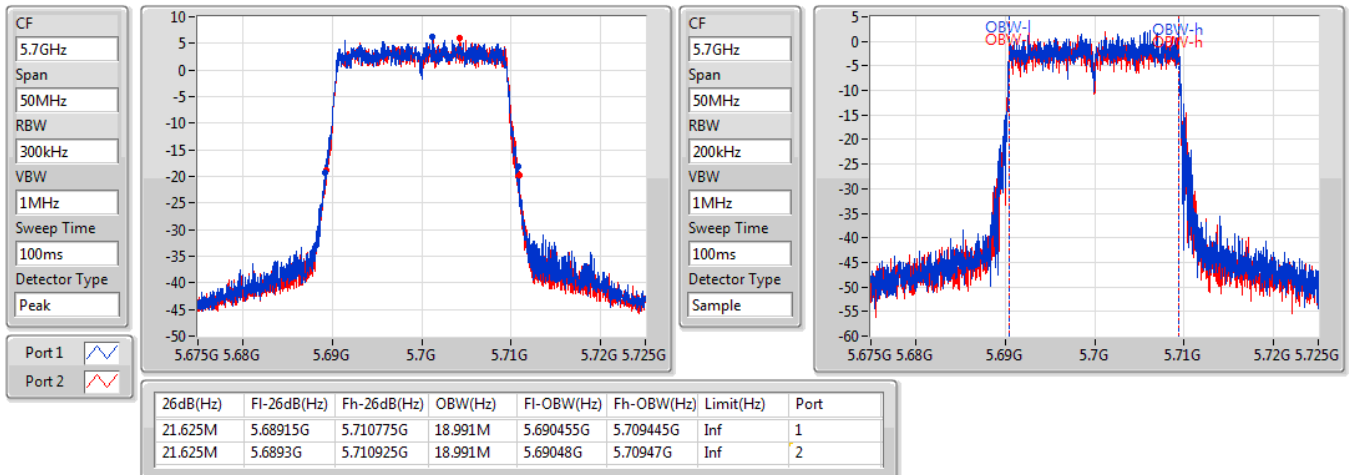


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

12/11/2019

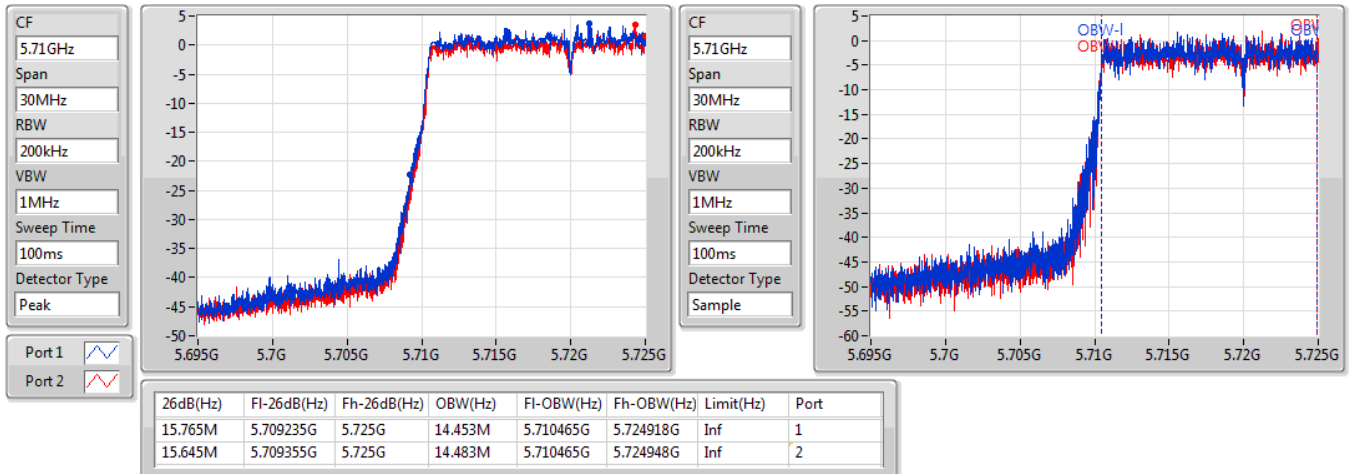

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

12/11/2019

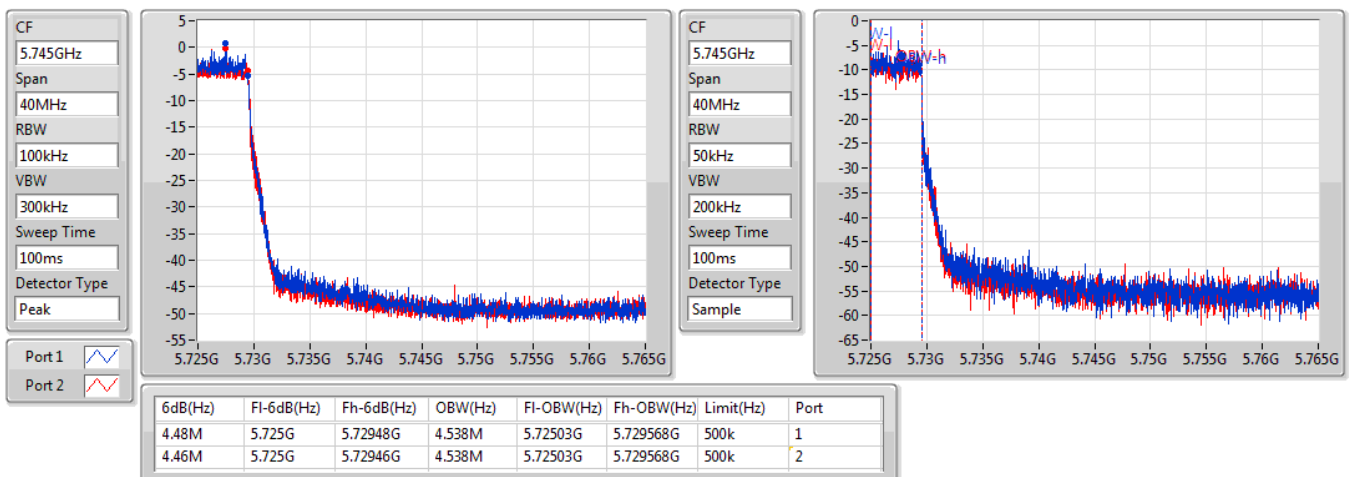


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

12/11/2019

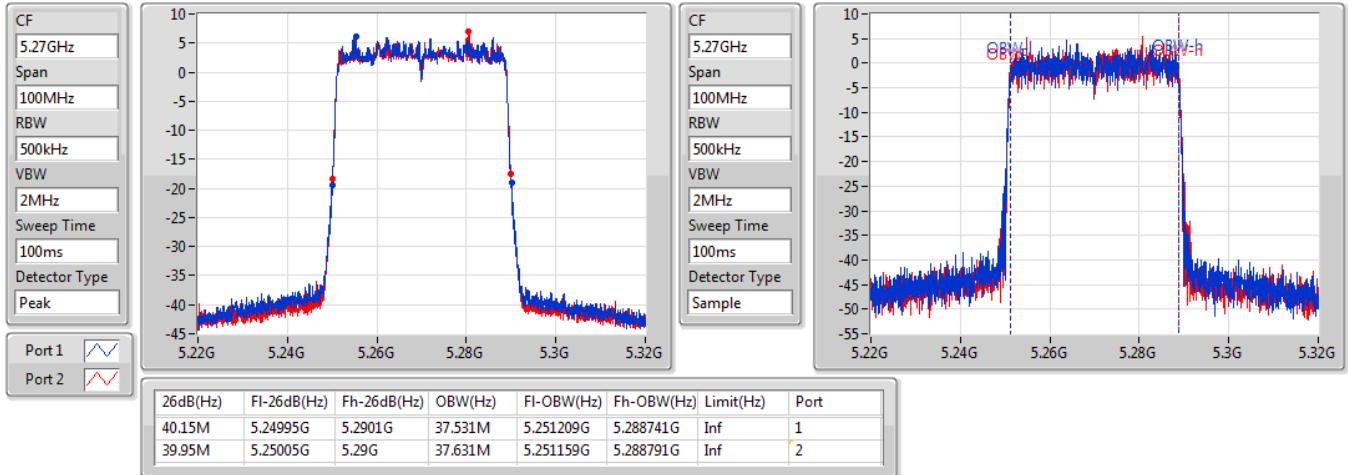

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

12/11/2019

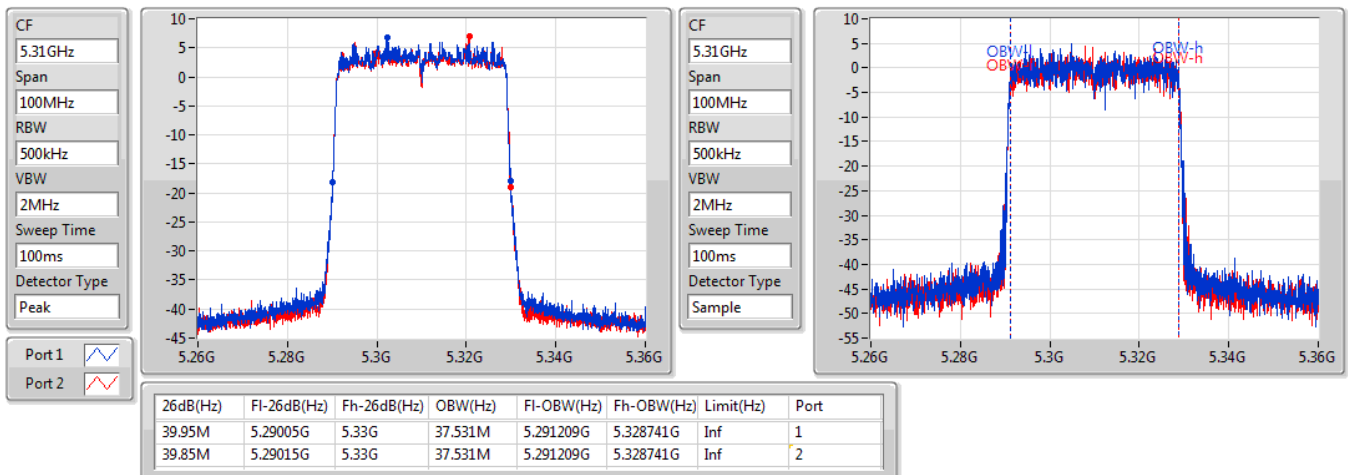


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

12/11/2019

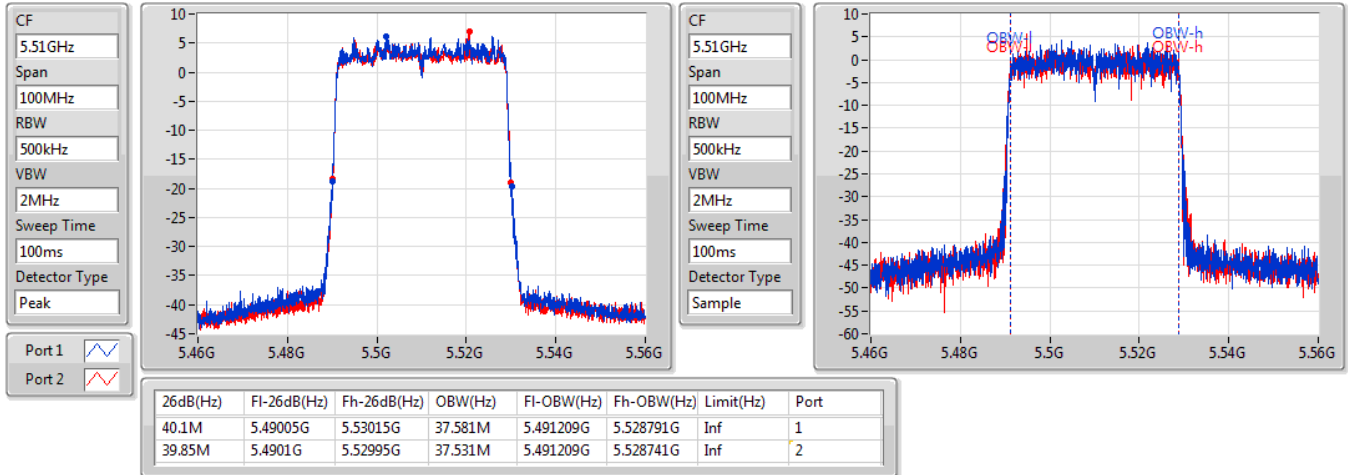

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

12/11/2019

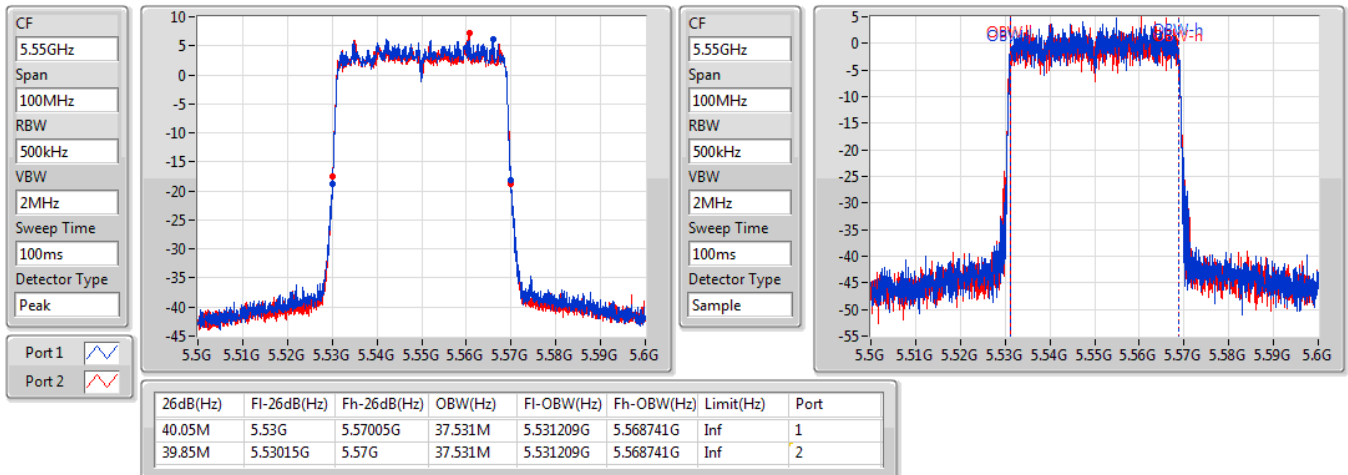


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

12/11/2019

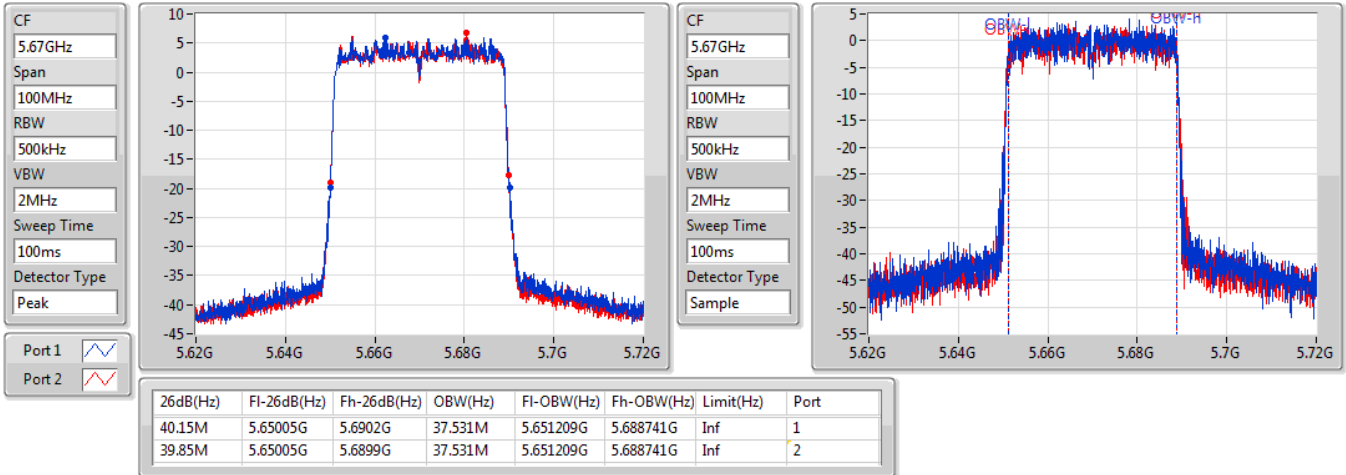

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

12/11/2019

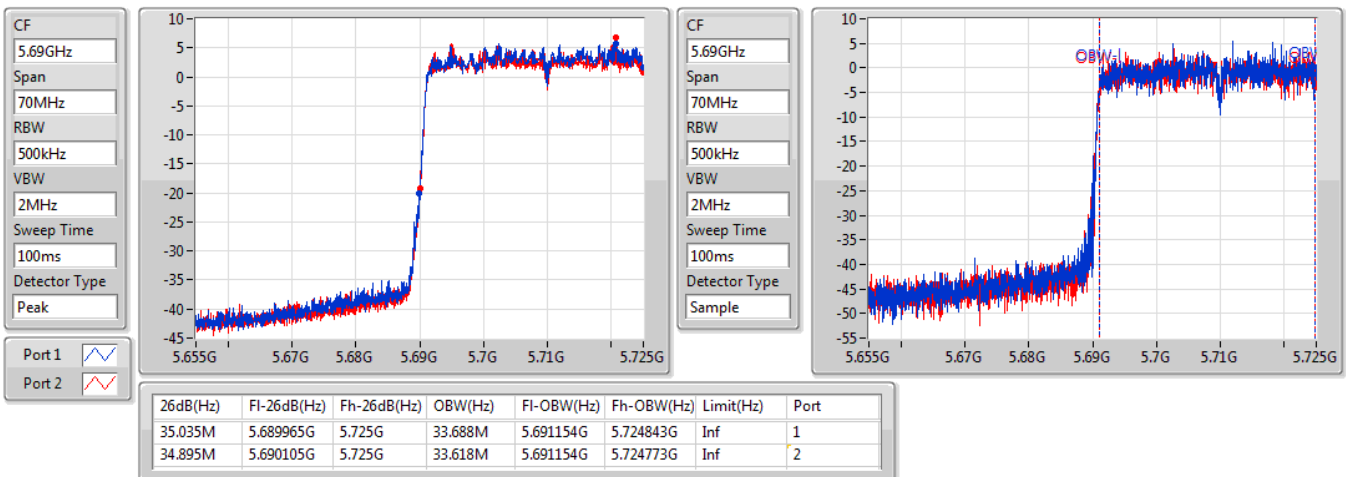


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

12/11/2019

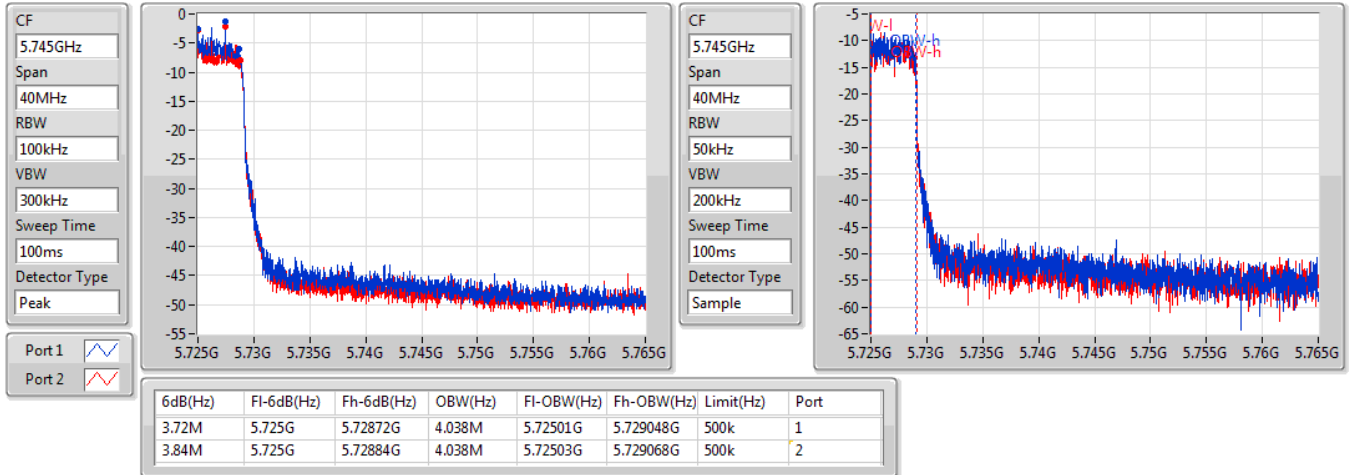

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

12/11/2019

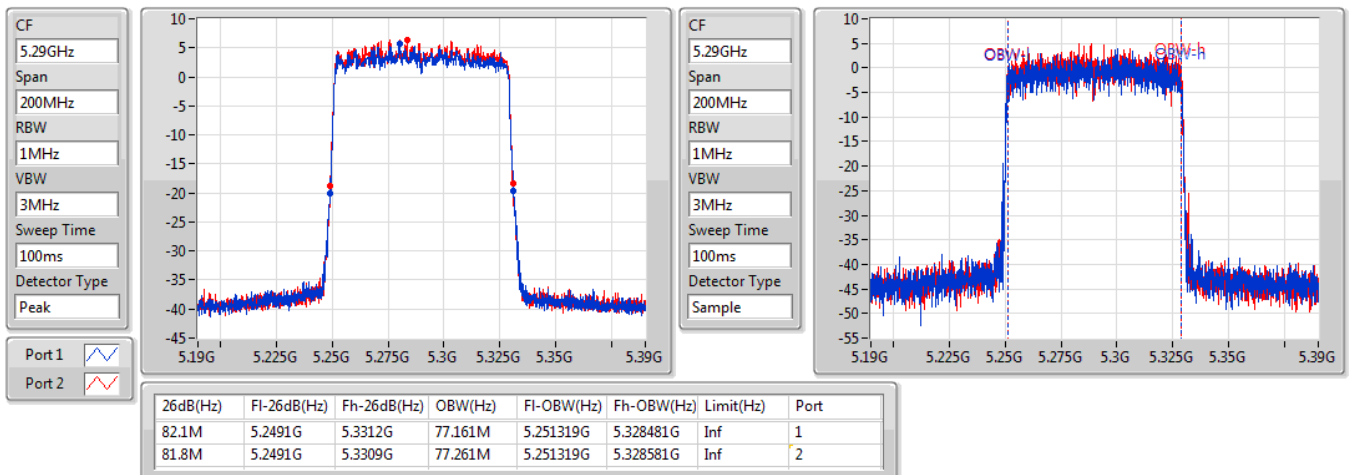


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

12/11/2019

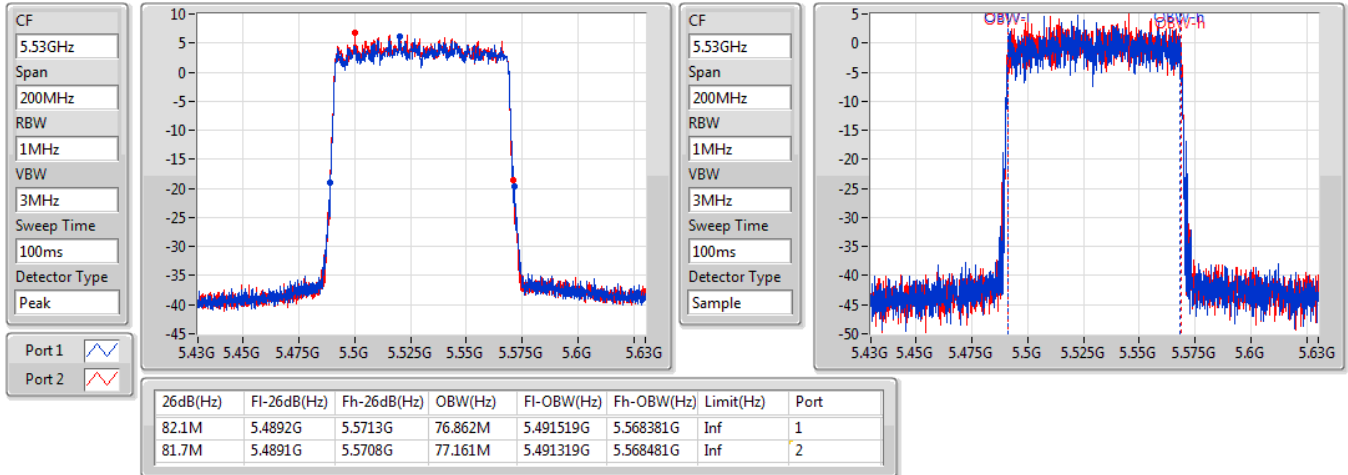

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

12/11/2019

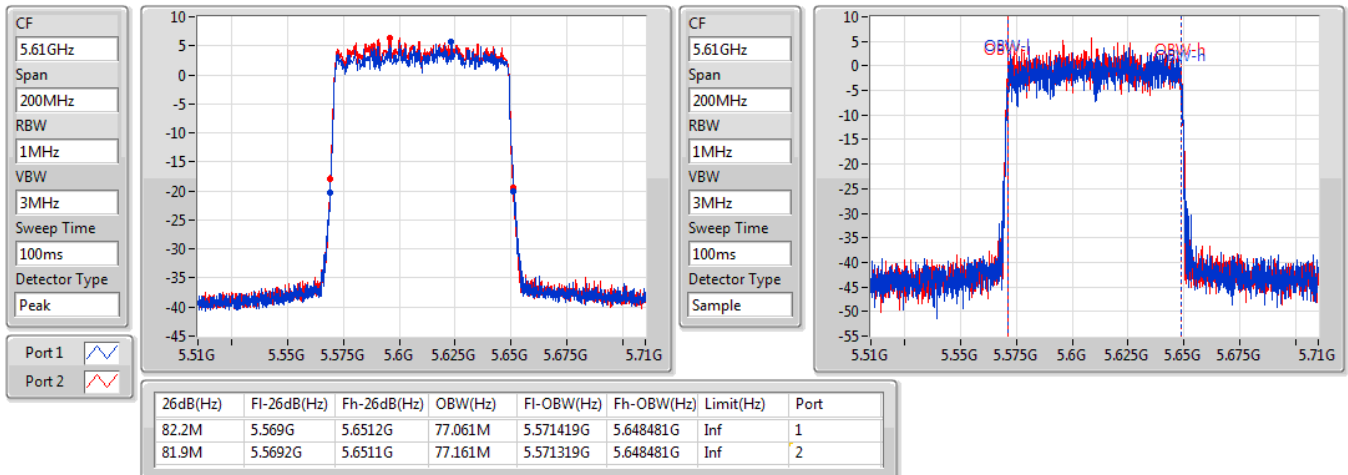


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

12/11/2019

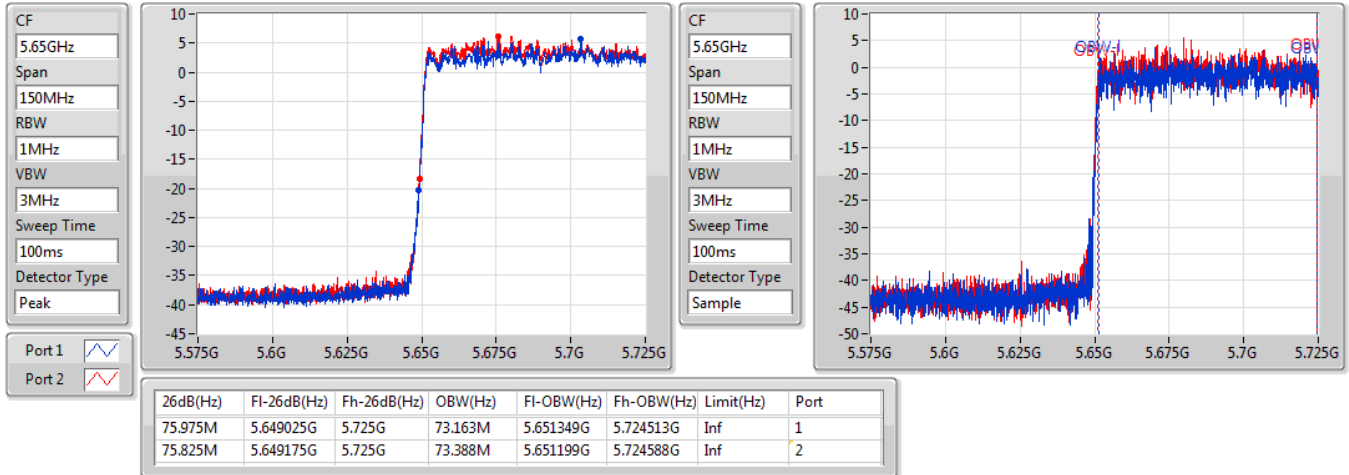

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

12/11/2019

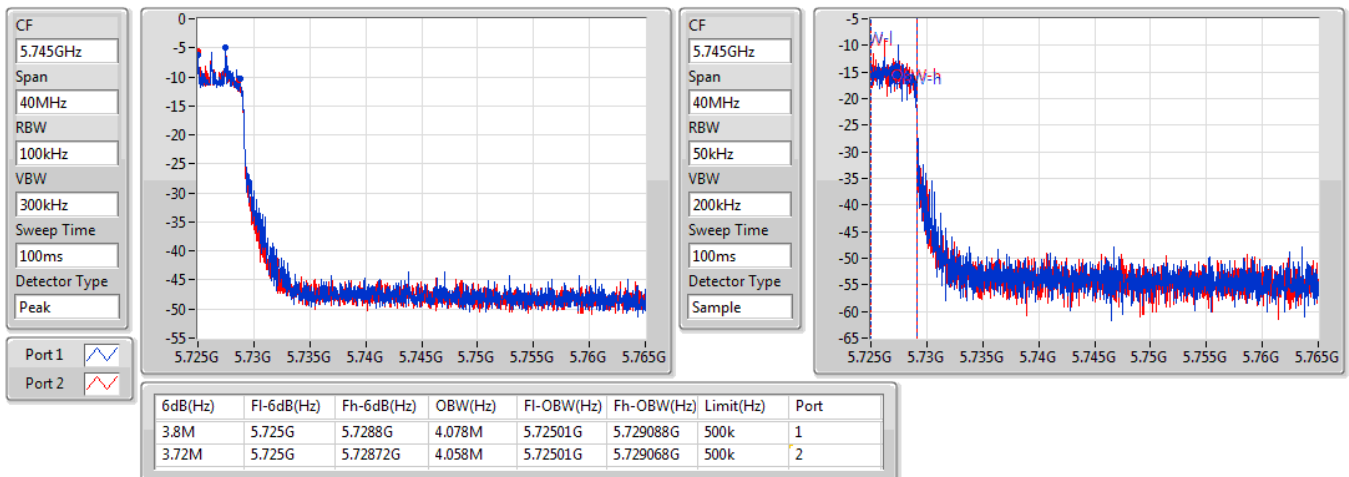


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

12/11/2019


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

12/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 14.27                | 0.02673            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 14.35                | 0.02723            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 23.76                | 0.23768            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 23.61                | 0.22961            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 23.10                | 0.20417            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 17.98                | 0.06281            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 14.05                | 0.02541            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 23.66                | 0.23227            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 23.14                | 0.20606            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 18.32                | 0.06792            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 14.21                | 0.02636            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 22.41                | 0.17418            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 22.21                | 0.16634            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 22.33                | 0.17100            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 21.87                | 0.15382            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 16.98                | 0.04989            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 22.34                | 0.17140            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 22.48                | 0.17701            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 21.94                | 0.15631            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 17.13                | 0.05164            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 14.69                | 0.02944            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 14.68                | 0.02938            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 10.87                | 0.01222            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 7.81                 | 0.00604            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 15.23                | 0.03334            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 11.49                | 0.01409            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 8.32                 | 0.00679            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_1TX        | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 23.76           | 23.76                | 23.98                | 24.75                |
| 5300MHz                         | Pass   | 5.36        | 23.62           | 23.62                | 23.98                | 24.75                |
| 5320MHz                         | Pass   | 5.36        | 20.10           | 20.10                | 23.98                | 20.75                |
| 5500MHz                         | Pass   | 5.36        | 19.38           | 19.38                | 23.98                | 20                   |
| 5580MHz                         | Pass   | 5.36        | 22.41           | 22.41                | 23.98                | 23.5                 |
| 5700MHz                         | Pass   | 5.36        | 18.46           | 18.46                | 23.98                | 18.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.82           | 20.82                | 23.98                | 22.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 14.69           | 14.69                | 30.00                | 22.75                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 23.61           | 23.61                | 23.98                | 24.5                 |
| 5300MHz                         | Pass   | 5.36        | 23.46           | 23.46                | 23.98                | 24.5                 |
| 5320MHz                         | Pass   | 5.36        | 20.37           | 20.37                | 23.98                | 20.75                |
| 5500MHz                         | Pass   | 5.36        | 18.45           | 18.45                | 23.98                | 19.25                |
| 5580MHz                         | Pass   | 5.36        | 22.21           | 22.21                | 23.98                | 23.25                |
| 5700MHz                         | Pass   | 5.36        | 17.13           | 17.13                | 23.98                | 17.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.24           | 20.24                | 23.98                | 22                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 14.68           | 14.68                | 30.00                | 22                   |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 23.10           | 23.10                | 23.98                | 23.75                |
| 5310MHz                         | Pass   | 5.36        | 18.29           | 18.29                | 23.98                | 18.5                 |
| 5510MHz                         | Pass   | 5.36        | 16.86           | 16.86                | 23.98                | 17.75                |
| 5550MHz                         | Pass   | 5.36        | 22.33           | 22.33                | 23.98                | 23.25                |
| 5670MHz                         | Pass   | 5.36        | 19.94           | 19.94                | 23.98                | 20.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 21.27           | 21.27                | 23.98                | 22.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 10.87           | 10.87                | 30.00                | 22.25                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 17.98           | 17.98                | 23.98                | 18.75                |
| 5530MHz                         | Pass   | 5.36        | 16.85           | 16.85                | 23.98                | 17.75                |
| 5610MHz                         | Pass   | 5.36        | 21.48           | 21.48                | 23.98                | 22.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 21.87           | 21.87                | 23.98                | 23                   |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 7.81            | 7.81                 | 30.00                | 23                   |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 14.27           | 14.27                | 30.00                | 17.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 14.05           | 14.05                | 23.98                | 17.5                 |
| 5570MHz                         | Pass   | 5.36        | 16.98           | 16.98                | 23.98                | 17.75                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 23.66           | 23.66                | 23.98                | 24.5                 |
| 5300MHz                         | Pass   | 5.36        | 23.52           | 23.52                | 23.98                | 24.5                 |
| 5320MHz                         | Pass   | 5.36        | 20.43           | 20.43                | 23.98                | 20.75                |
| 5500MHz                         | Pass   | 5.36        | 18.60           | 18.60                | 23.98                | 19.25                |
| 5580MHz                         | Pass   | 5.36        | 22.34           | 22.34                | 23.98                | 23.25                |
| 5700MHz                         | Pass   | 5.36        | 17.35           | 17.35                | 23.98                | 17.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.33           | 20.33                | 23.98                | 22                   |



## Average Power\_Radio 2 / Internal Antenna

## Appendix B.1

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 15.23           | 15.23                | 30.00                | 22                   |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 23.14           | 23.14                | 23.98                | 23.75                |
| 5310MHz                         | Pass   | 5.36        | 18.41           | 18.41                | 23.98                | 18.5                 |
| 5510MHz                         | Pass   | 5.36        | 17.04           | 17.04                | 23.98                | 17.75                |
| 5550MHz                         | Pass   | 5.36        | 22.48           | 22.48                | 23.98                | 23.25                |
| 5670MHz                         | Pass   | 5.36        | 20.18           | 20.18                | 23.98                | 20.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 21.39           | 21.39                | 23.98                | 22.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 11.49           | 11.49                | 30.00                | 22.25                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 18.32           | 18.32                | 23.98                | 18.75                |
| 5530MHz                         | Pass   | 5.36        | 16.98           | 16.98                | 23.98                | 17.75                |
| 5610MHz                         | Pass   | 5.36        | 21.64           | 21.64                | 23.98                | 22.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 21.94           | 21.94                | 23.98                | 23                   |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 8.32            | 8.32                 | 30.00                | 23                   |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 14.35           | 14.35                | 30.00                | 17.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 14.21           | 14.21                | 23.98                | 17.5                 |
| 5570MHz                         | Pass   | 5.36        | 17.13           | 17.13                | 23.98                | 17.75                |

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

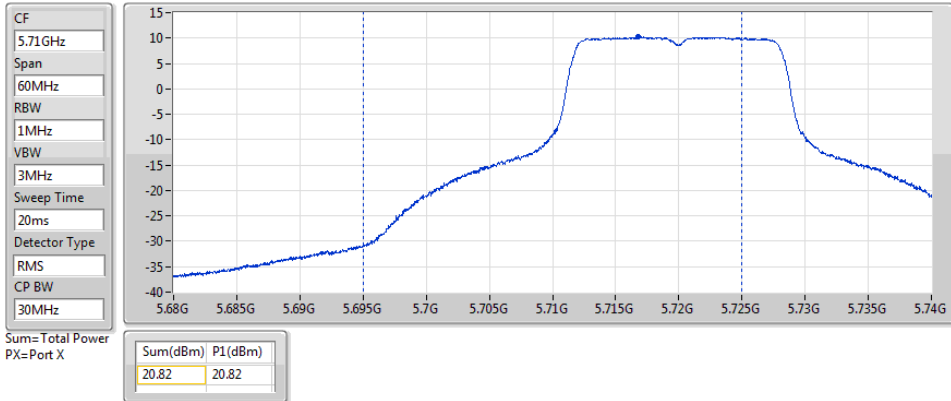
**Note** : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

26/10/2019

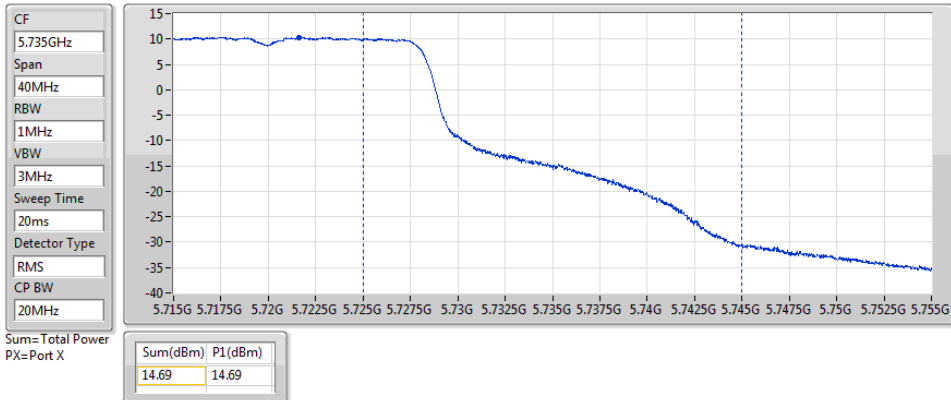


### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

26/10/2019

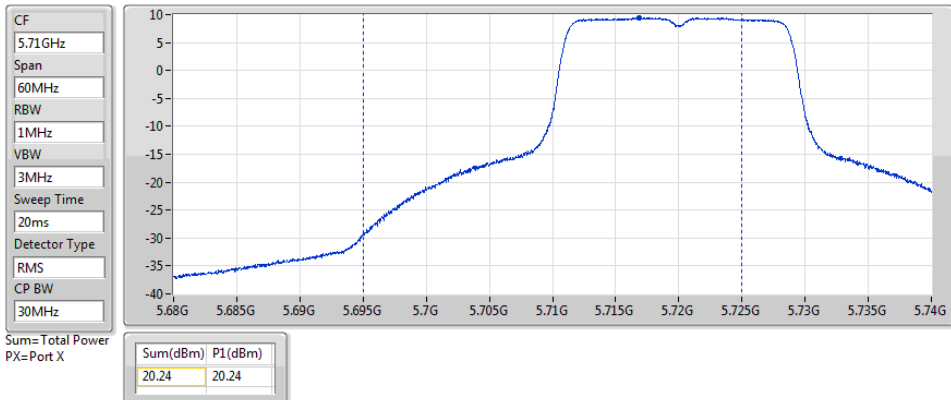


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

26/10/2019

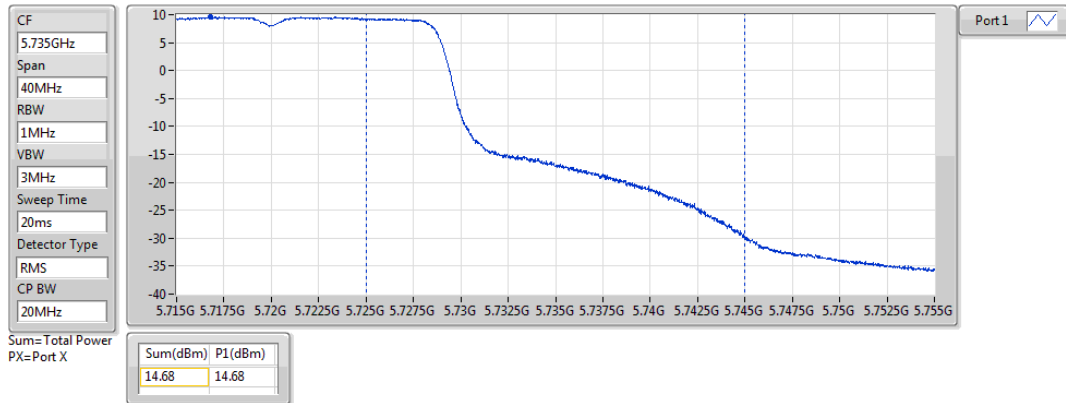


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

26/10/2019

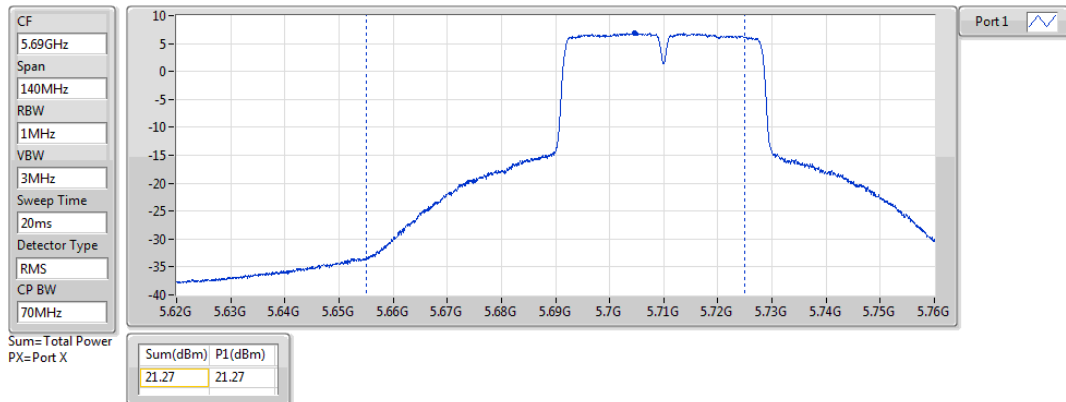


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

26/10/2019

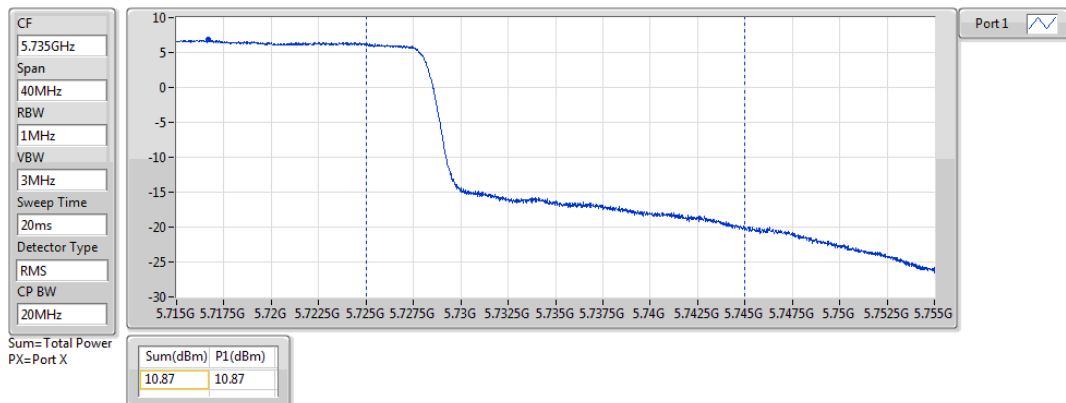


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

26/10/2019

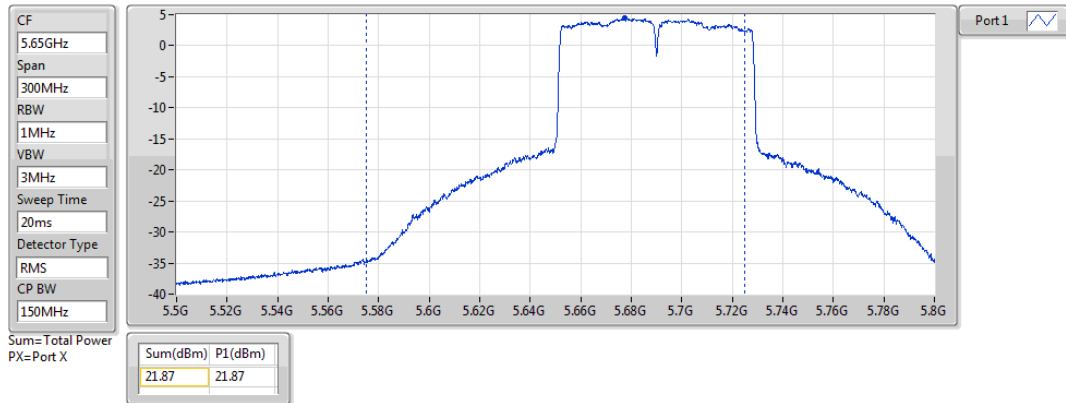


### 802.11ac VHT80\_Nss1,(MCS0)\_1TX

### AV Power

5690MHz Straddle 5.47-5.725GHz

26/10/2019

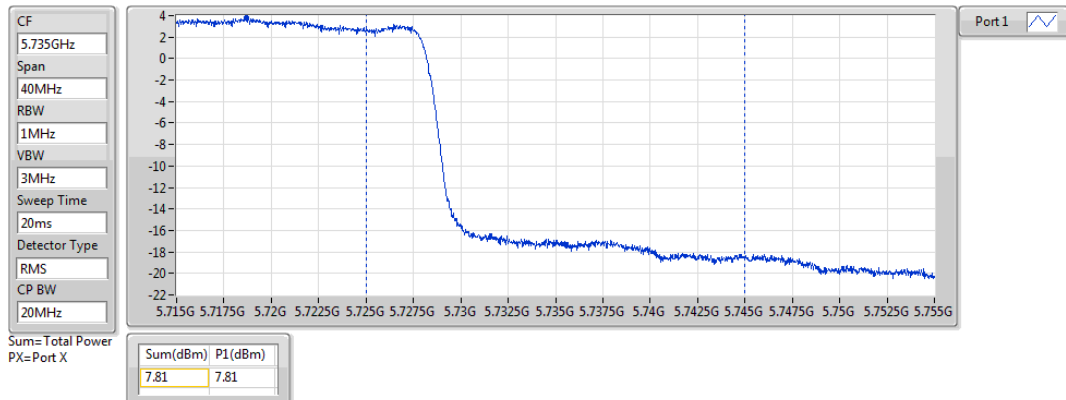


### 802.11ac VHT80\_Nss1,(MCS0)\_1TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

27/10/2019

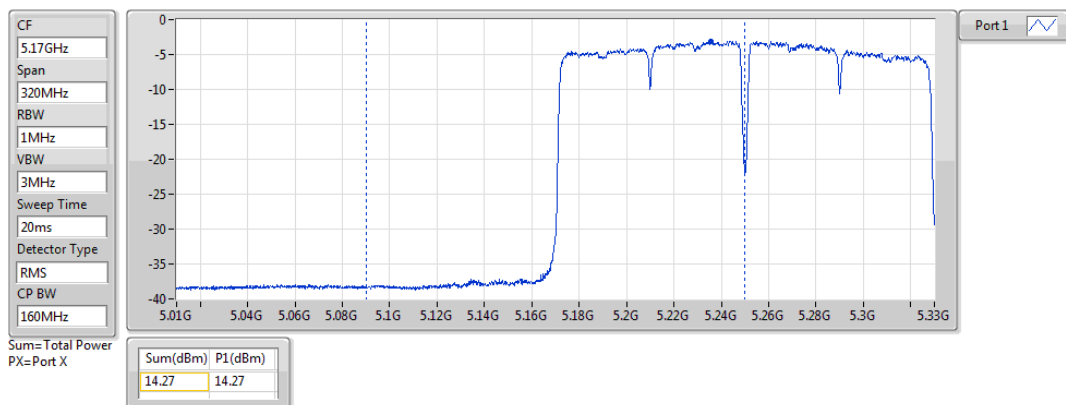


### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

27/10/2019

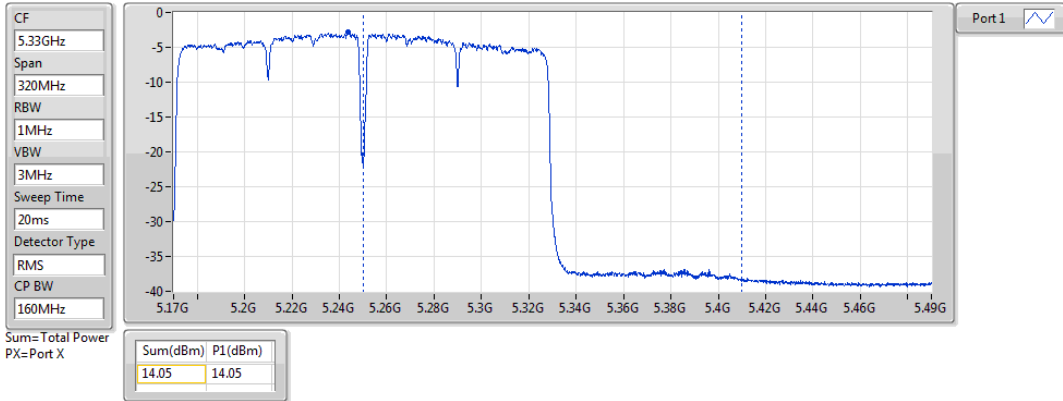


### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/10/2019

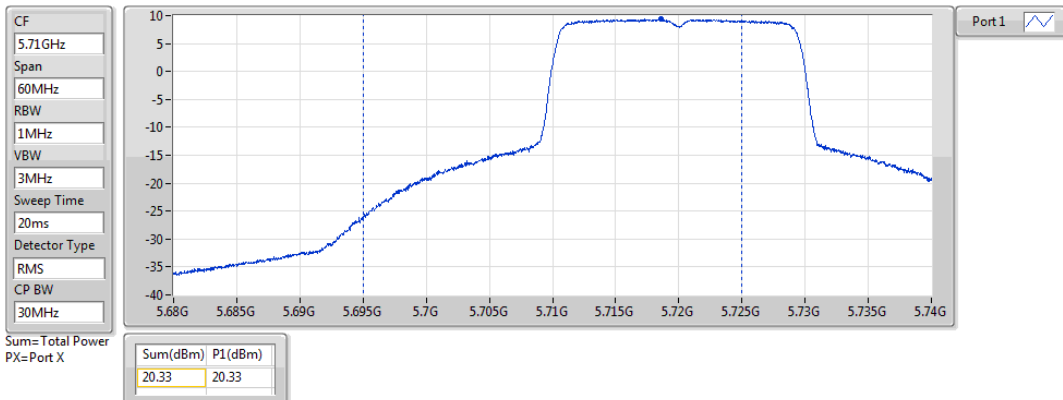


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/10/2019

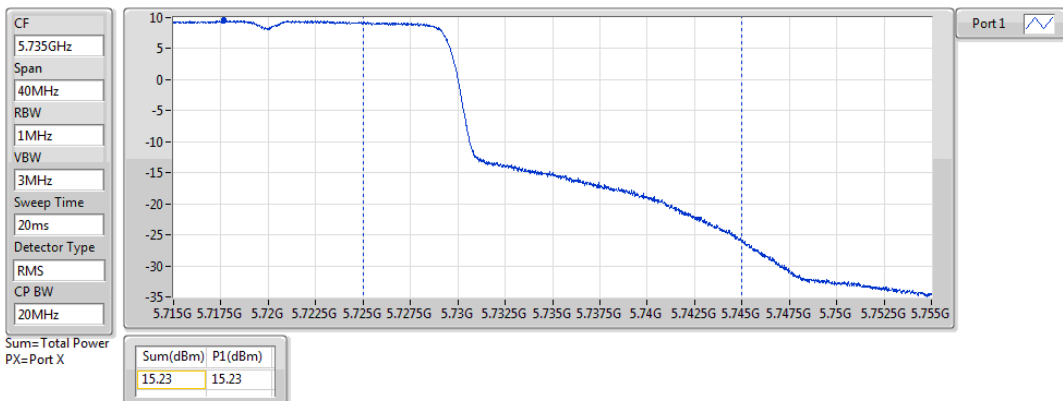


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/10/2019

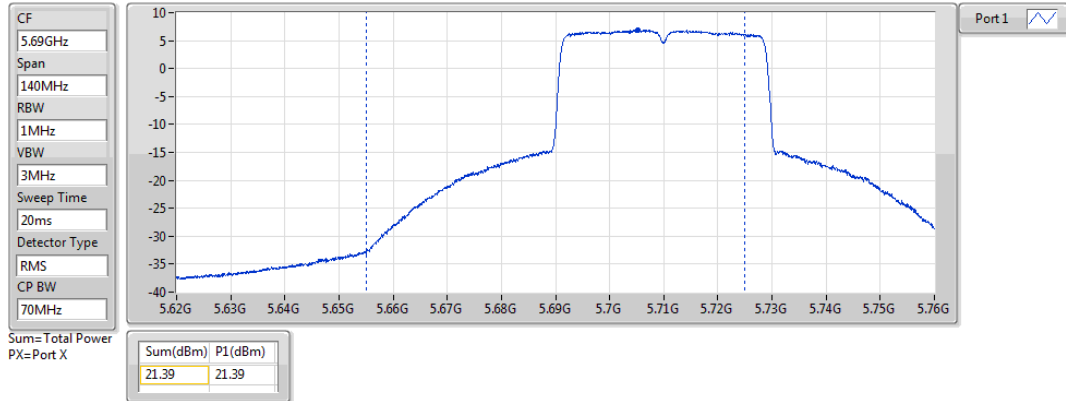


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

26/10/2019

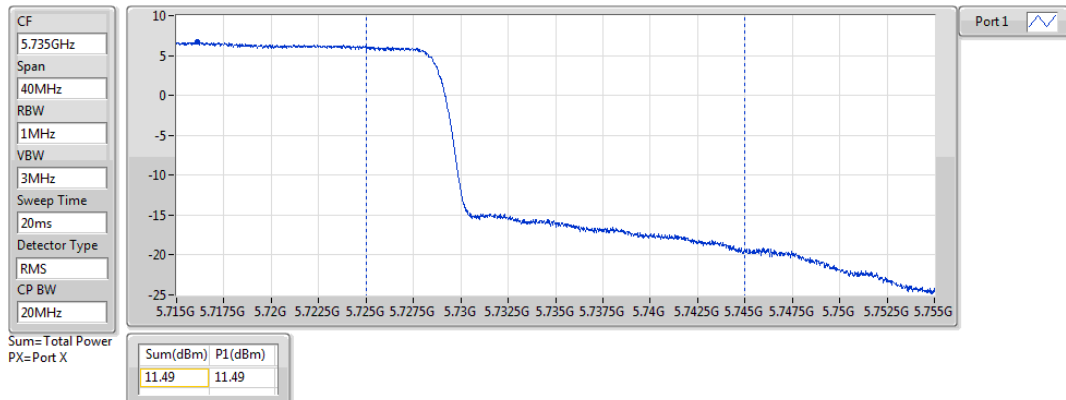


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

26/10/2019

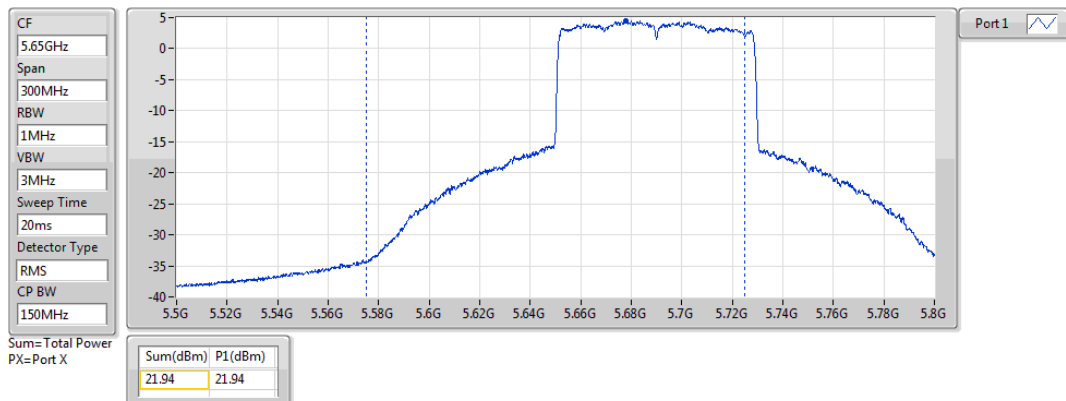


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

26/10/2019

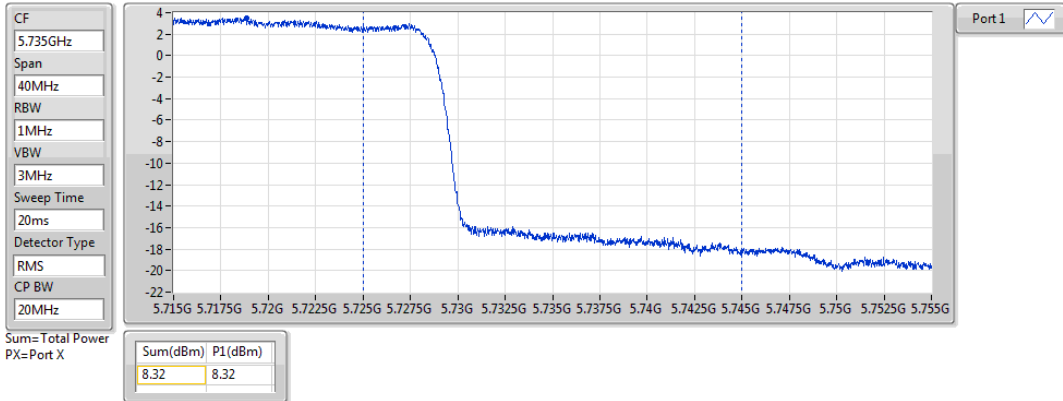


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

26/10/2019

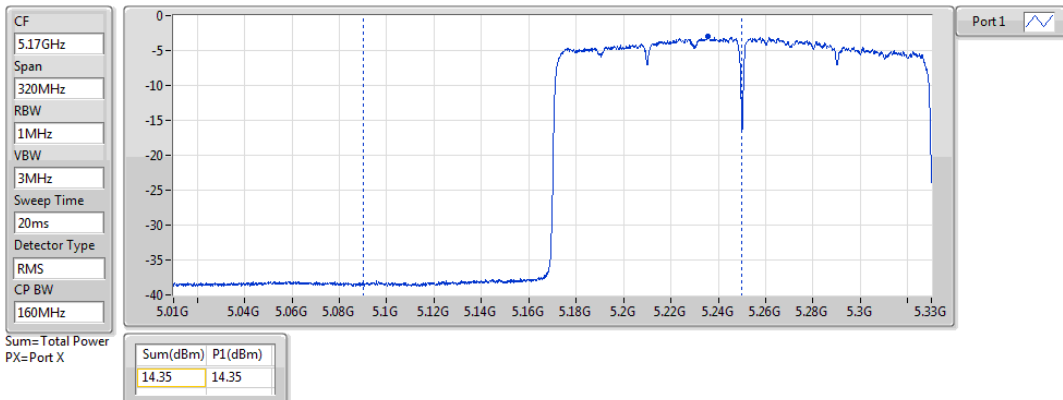


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

26/10/2019

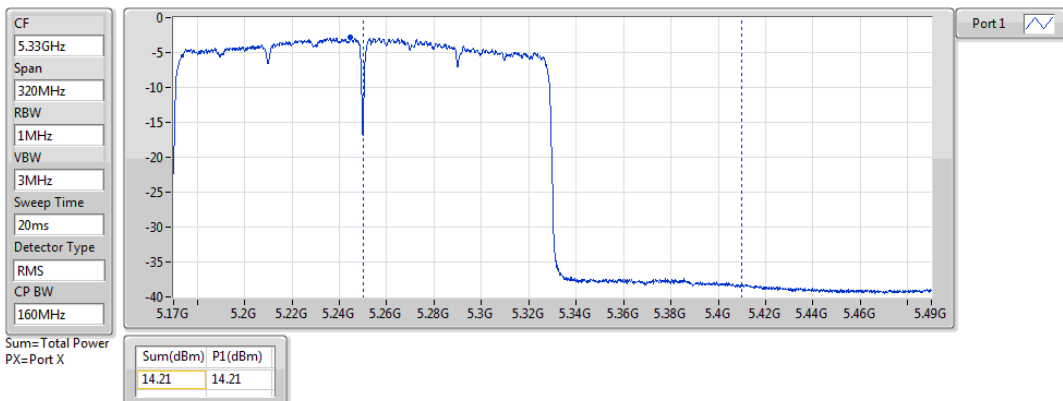


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

### AV Power

5250MHz Straddle 5.25-5.35GHz

26/10/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 14.27                | 0.02673            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 14.57                | 0.02864            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 21.60                | 0.14454            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 23.89                | 0.24491            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 23.74                | 0.23659            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 18.71                | 0.07430            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 14.02                | 0.02523            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 23.96                | 0.24889            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 23.87                | 0.24378            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 18.88                | 0.07727            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 14.33                | 0.02710            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 21.46                | 0.13996            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 23.70                | 0.23442            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 23.83                | 0.24155            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 23.83                | 0.24155            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 18.05                | 0.06383            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 23.91                | 0.24604            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 23.96                | 0.24889            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 23.94                | 0.24774            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 18.17                | 0.06561            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 14.04                | 0.02535            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 17.28                | 0.05346            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 13.48                | 0.02228            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 9.86                 | 0.00968            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 17.66                | 0.05834            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 14.18                | 0.02618            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 10.51                | 0.01125            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_2TX        | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 18.93           | 18.21           | 21.60                | 23.98                | 19.25                |
| 5300MHz                         | Pass   | 5.36        | 18.68           | 18.34           | 21.52                | 23.98                | 19.25                |
| 5320MHz                         | Pass   | 5.36        | 18.76           | 18.36           | 21.57                | 23.98                | 19.25                |
| 5500MHz                         | Pass   | 5.36        | 15.98           | 16.30           | 19.15                | 23.98                | 16.5                 |
| 5580MHz                         | Pass   | 5.36        | 18.31           | 18.58           | 21.46                | 23.98                | 19                   |
| 5700MHz                         | Pass   | 5.36        | 15.17           | 16.49           | 18.89                | 23.98                | 15                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 16.89           | 17.95           | 20.46                | 22.96                | 18                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 10.43           | 11.56           | 14.04                | 30.00                | 18                   |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 21.13           | 20.61           | 23.89                | 23.98                | 21.5                 |
| 5300MHz                         | Pass   | 5.36        | 20.92           | 20.73           | 23.84                | 23.98                | 21.5                 |
| 5320MHz                         | Pass   | 5.36        | 19.12           | 18.71           | 21.93                | 23.98                | 19.5                 |
| 5500MHz                         | Pass   | 5.36        | 18.17           | 18.56           | 21.38                | 23.98                | 19                   |
| 5580MHz                         | Pass   | 5.36        | 20.79           | 20.59           | 23.70                | 23.98                | 21.5                 |
| 5700MHz                         | Pass   | 5.36        | 15.06           | 16.26           | 18.71                | 23.98                | 15                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 19.30           | 20.20           | 22.78                | 23.98                | 21                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 13.74           | 14.75           | 17.28                | 30.00                | 21                   |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 20.87           | 20.59           | 23.74                | 23.98                | 21.25                |
| 5310MHz                         | Pass   | 5.36        | 17.25           | 16.56           | 19.93                | 23.98                | 17.5                 |
| 5510MHz                         | Pass   | 5.36        | 13.89           | 14.82           | 17.39                | 23.98                | 14.75                |
| 5550MHz                         | Pass   | 5.36        | 20.72           | 20.85           | 23.80                | 23.98                | 21.5                 |
| 5670MHz                         | Pass   | 5.36        | 17.08           | 18.31           | 20.75                | 23.98                | 17.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.37           | 21.23           | 23.83                | 23.98                | 21.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 9.83            | 11.02           | 13.48                | 30.00                | 21.25                |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 15.81           | 15.59           | 18.71                | 23.98                | 16.75                |
| 5530MHz                         | Pass   | 5.36        | 15.56           | 16.03           | 18.81                | 23.98                | 16.5                 |
| 5610MHz                         | Pass   | 5.36        | 19.52           | 20.45           | 23.02                | 23.98                | 20.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.46           | 21.15           | 23.83                | 23.98                | 21.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 6.09            | 7.50            | 9.86                 | 30.00                | 21.25                |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 11.20           | 11.31           | 14.27                | 30.00                | 14.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 10.90           | 11.12           | 14.02                | 23.98                | 14.5                 |
| 5570MHz                         | Pass   | 5.36        | 15.07           | 15.01           | 18.05                | 23.98                | 15.75                |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 21.23           | 20.63           | 23.95                | 23.98                | 21.5                 |
| 5300MHz                         | Pass   | 5.36        | 21.15           | 20.75           | 23.96                | 23.98                | 21.5                 |
| 5320MHz                         | Pass   | 5.36        | 19.24           | 18.83           | 22.05                | 23.98                | 19.5                 |
| 5500MHz                         | Pass   | 5.36        | 18.43           | 18.77           | 21.61                | 23.98                | 19                   |
| 5580MHz                         | Pass   | 5.36        | 21.04           | 20.75           | 23.91                | 23.98                | 21.5                 |
| 5700MHz                         | Pass   | 5.36        | 15.38           | 16.43           | 18.95                | 23.98                | 15                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 19.55           | 20.47           | 23.04                | 23.98                | 21                   |



## Average Power\_Radio 2 / Internal Antenna

## Appendix B.2

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 14.15           | 15.09           | 17.66                | 30.00                | 21                   |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 21.02           | 20.69           | 23.87                | 23.98                | 21.25                |
| 5310MHz                         | Pass   | 5.36        | 17.50           | 16.73           | 20.14                | 23.98                | 17.5                 |
| 5510MHz                         | Pass   | 5.36        | 14.18           | 15.01           | 17.63                | 23.98                | 14.75                |
| 5550MHz                         | Pass   | 5.36        | 20.94           | 20.90           | 23.93                | 23.98                | 21.5                 |
| 5670MHz                         | Pass   | 5.36        | 17.35           | 18.46           | 20.95                | 23.98                | 17.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.51           | 21.35           | 23.96                | 23.98                | 21.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 10.56           | 11.70           | 14.18                | 30.00                | 21.25                |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 15.98           | 15.76           | 18.88                | 23.98                | 16.75                |
| 5530MHz                         | Pass   | 5.36        | 15.83           | 16.24           | 19.05                | 23.98                | 16.5                 |
| 5610MHz                         | Pass   | 5.36        | 19.67           | 20.58           | 23.16                | 23.98                | 20.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 20.65           | 21.20           | 23.94                | 23.98                | 21.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 6.88            | 8.05            | 10.51                | 30.00                | 21.25                |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 11.45           | 11.67           | 14.57                | 30.00                | 14.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 11.18           | 11.46           | 14.33                | 23.98                | 14.5                 |
| 5570MHz                         | Pass   | 5.36        | 15.22           | 15.10           | 18.17                | 23.98                | 15.75                |

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

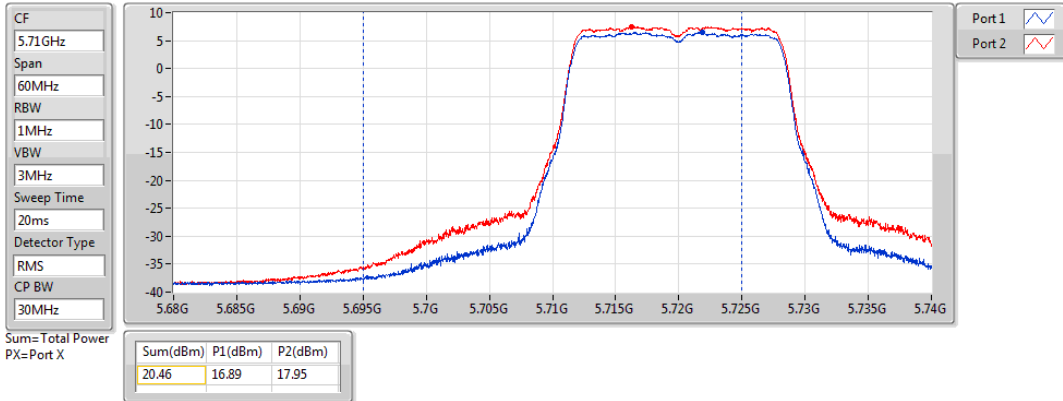
Note : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

27/10/2019

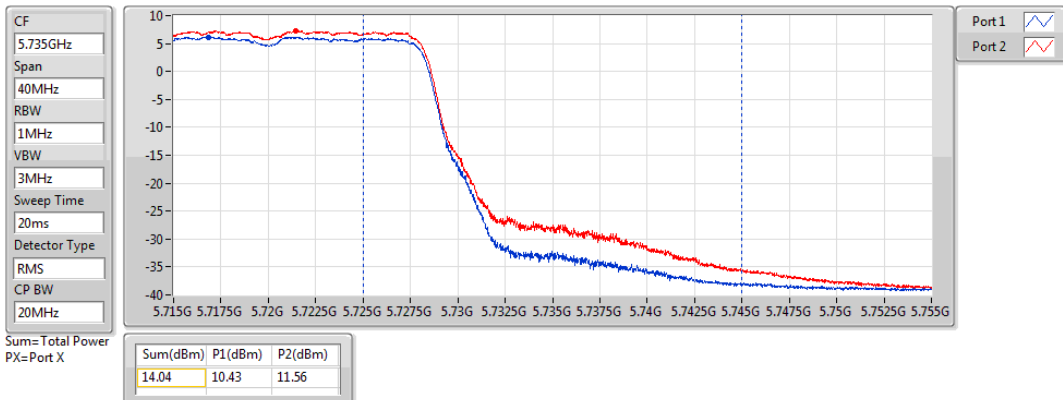


### 802.11a\_Nss1,(6Mbps)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

27/10/2019

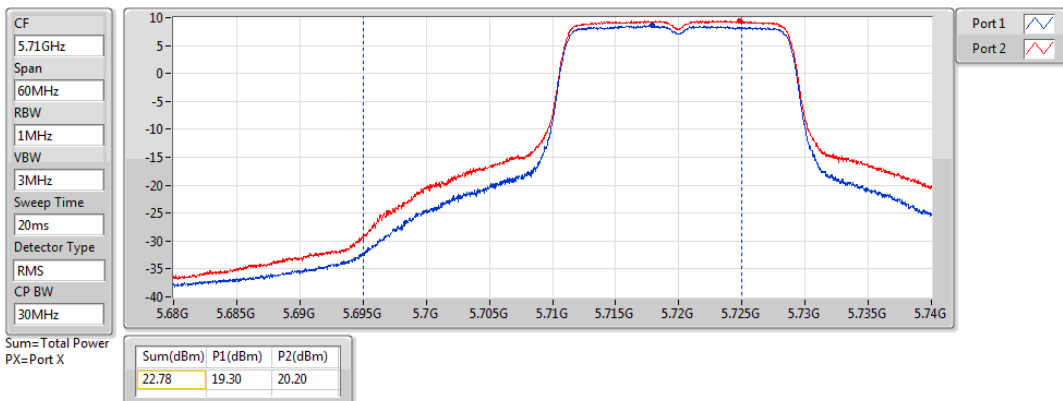


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

27/10/2019

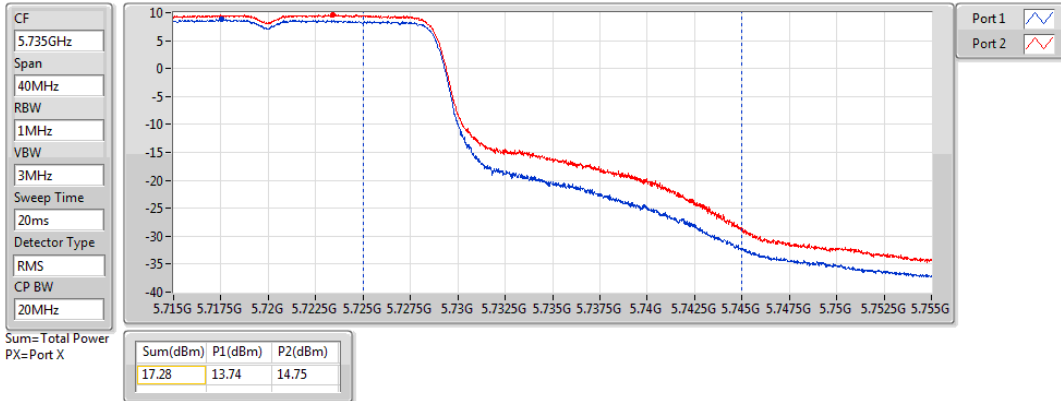


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

27/10/2019

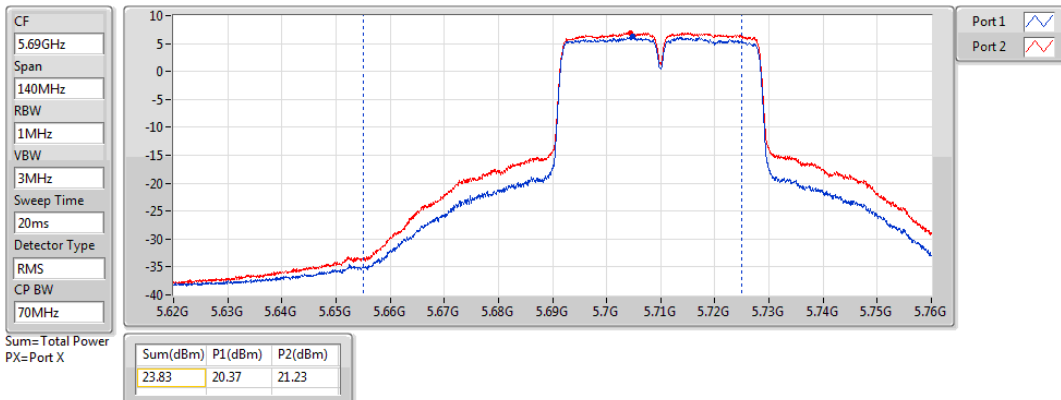


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

27/10/2019

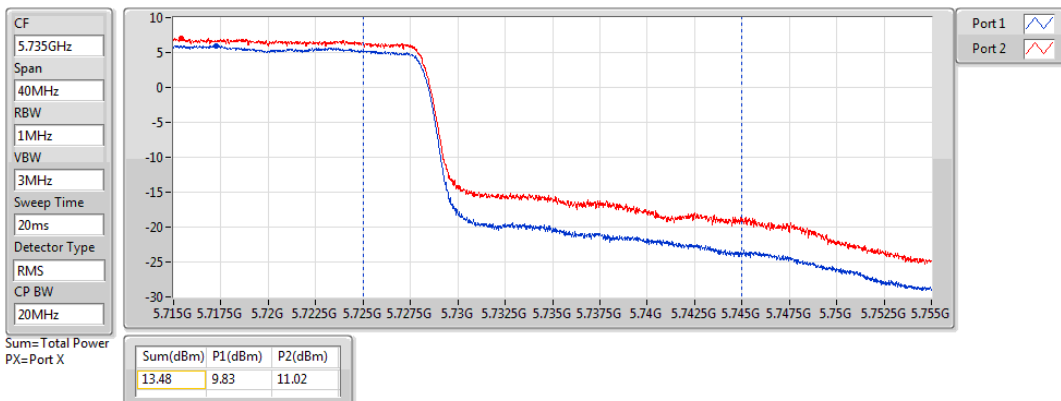


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

27/10/2019

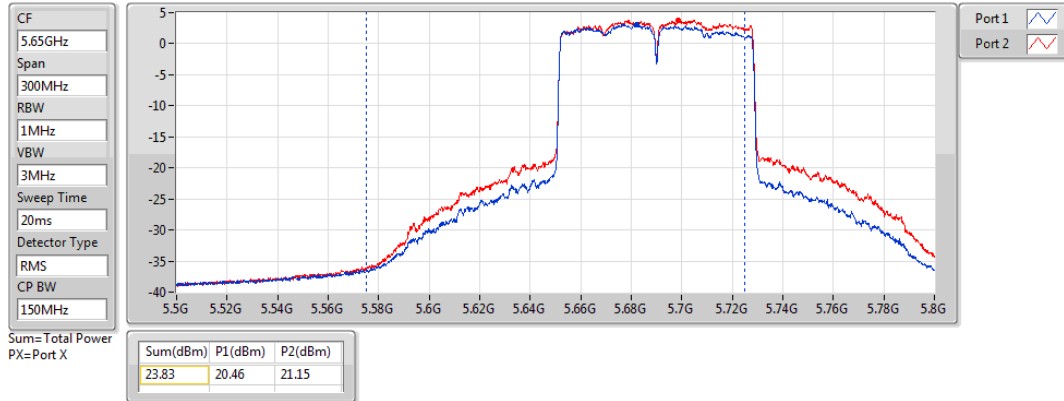


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

27/10/2019

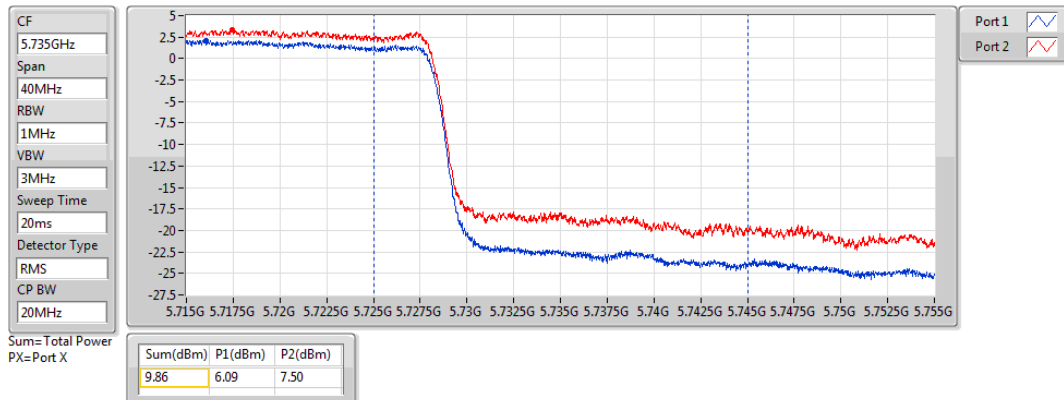


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

27/10/2019

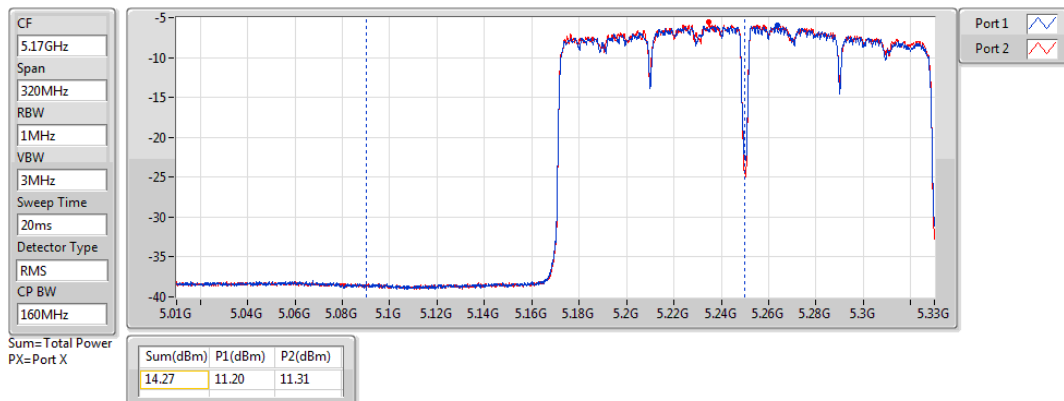


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

27/10/2019

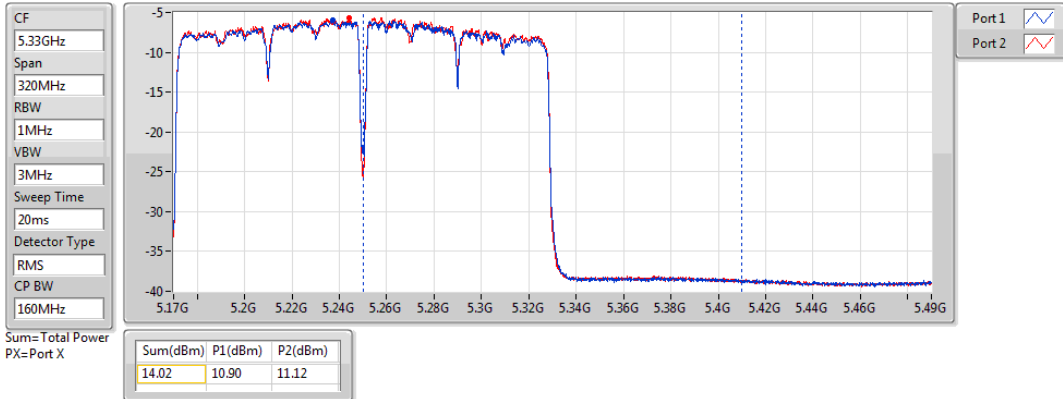


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

27/10/2019

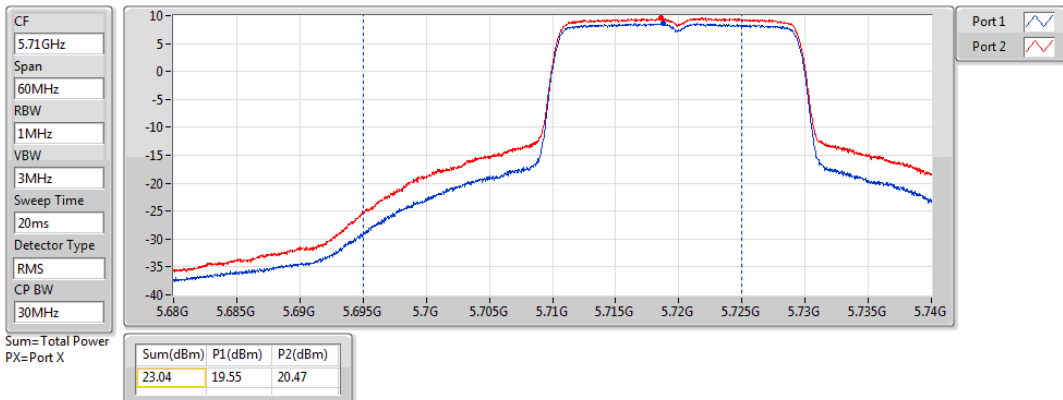


### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

27/10/2019



### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

27/10/2019

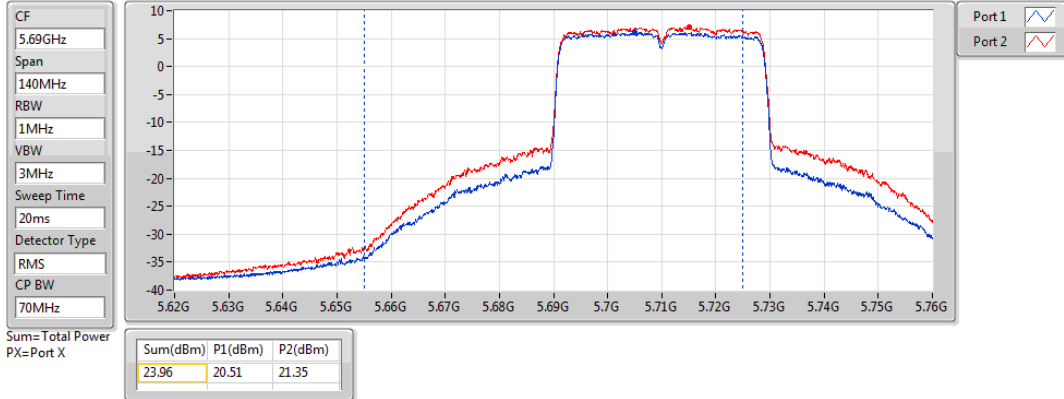


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/10/2019

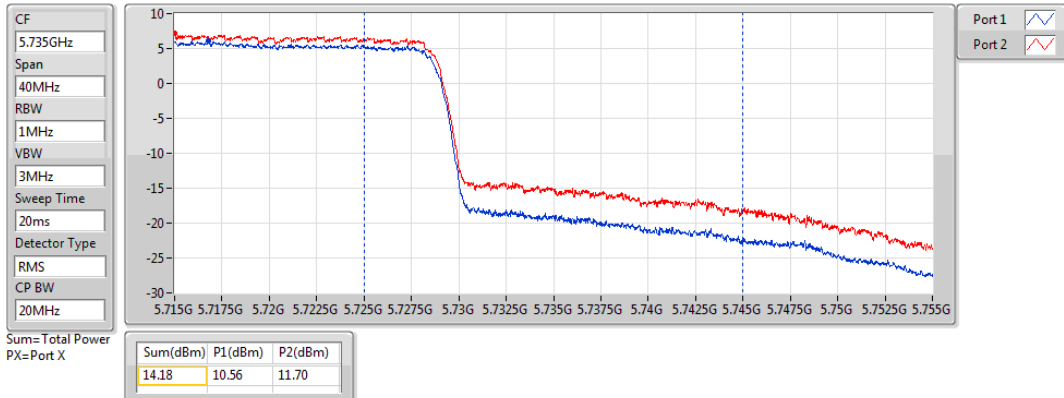


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/10/2019

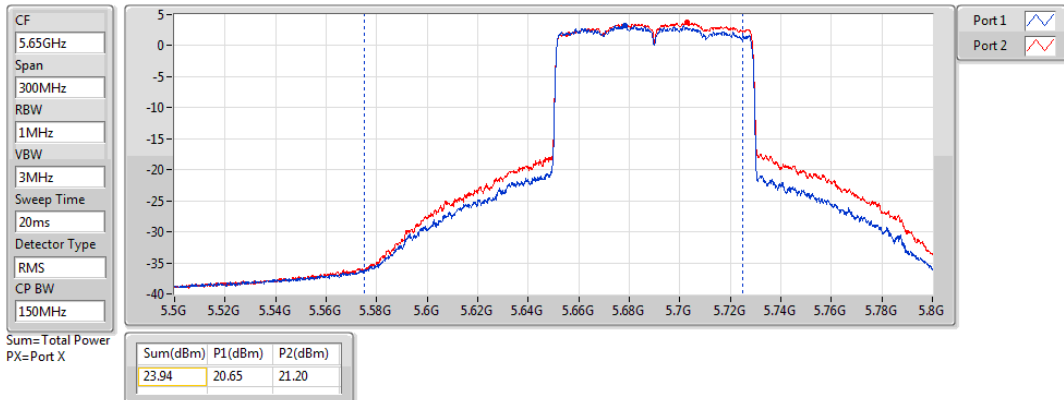


802.11ax HEW80\_Nss2,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/10/2019

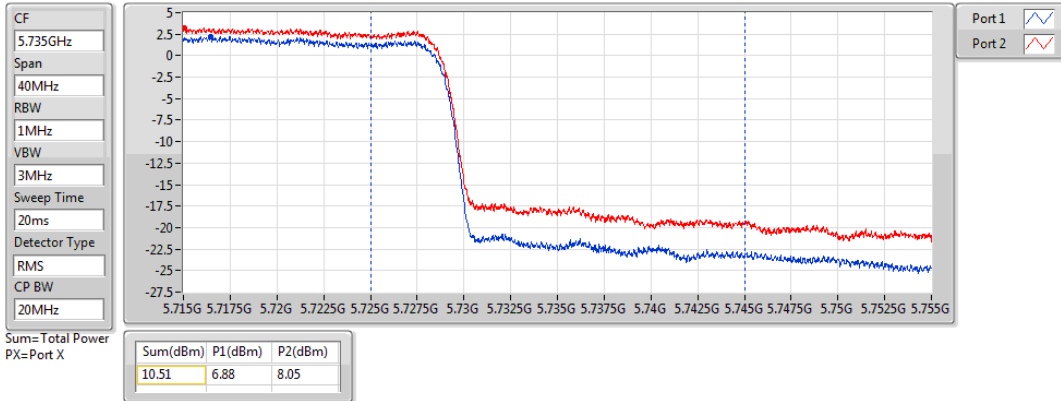


### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

27/10/2019

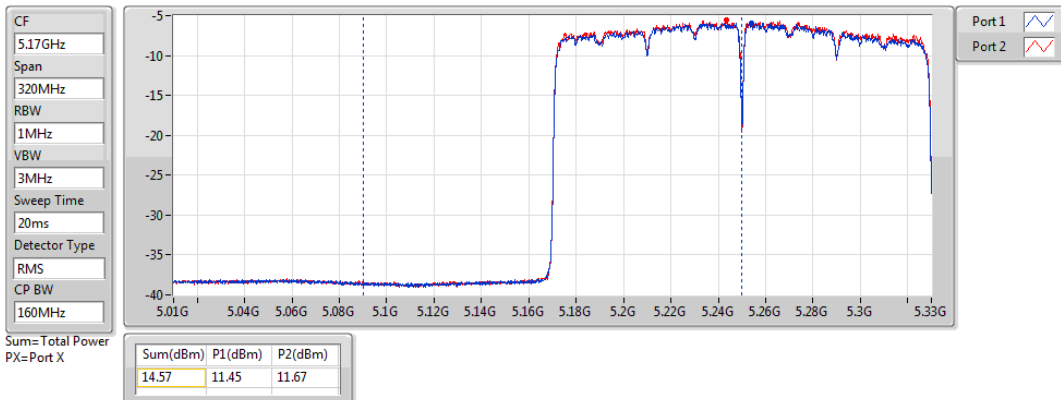


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

27/10/2019

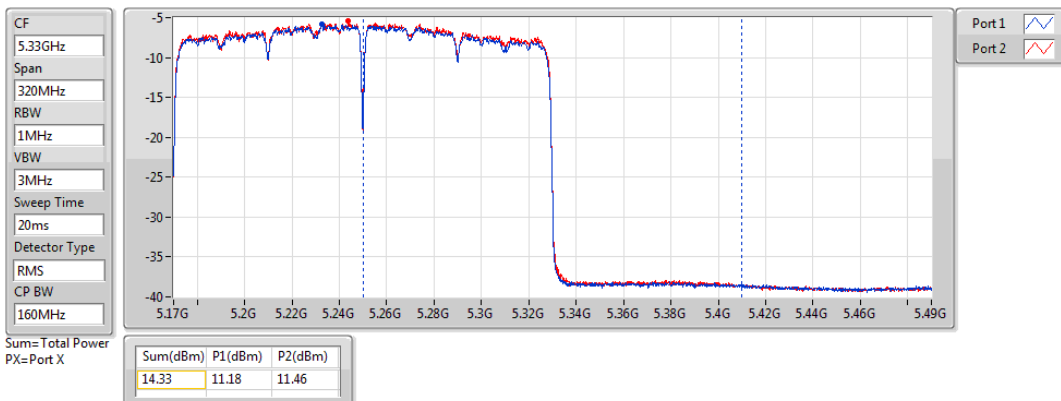


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

### AV Power

5250MHz Straddle 5.25-5.35GHz

27/10/2019





**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 17.14                | 0.05176            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 17.41                | 0.05508            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 18.47                | 0.07031            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 18.76                | 0.07516            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 21.49                | 0.14093            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 20.82                | 0.12078            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 17.02                | 0.05035            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 18.91                | 0.07780            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 21.70                | 0.14791            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 21.07                | 0.12794            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 17.23                | 0.05284            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 18.40                | 0.06918            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 18.69                | 0.07396            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 21.54                | 0.14256            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 23.73                | 0.23605            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 21.35                | 0.13646            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 18.88                | 0.07727            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 21.64                | 0.14588            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 23.96                | 0.24889            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 21.76                | 0.14997            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 11.63                | 0.01455            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 12.28                | 0.01690            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 11.19                | 0.01315            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 9.58                 | 0.00908            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 12.85                | 0.01928            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 11.93                | 0.01560            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 10.49                | 0.01119            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_4TX        | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 12.61           | 11.56           | 12.87           | 12.64           | 18.47                | 23.98                | 12.75                |
| 5300MHz                         | Pass   | 5.36        | 12.43           | 11.77           | 12.71           | 12.75           | 18.45                | 23.98                | 12.75                |
| 5320MHz                         | Pass   | 5.36        | 12.51           | 11.59           | 12.65           | 12.72           | 18.41                | 23.98                | 12.75                |
| 5500MHz                         | Pass   | 5.36        | 12.35           | 12.89           | 11.97           | 12.18           | 18.38                | 23.98                | 13                   |
| 5580MHz                         | Pass   | 5.36        | 12.42           | 12.69           | 11.84           | 12.22           | 18.32                | 23.98                | 12.75                |
| 5700MHz                         | Pass   | 5.36        | 12.11           | 13.34           | 11.87           | 12.03           | 18.40                | 23.98                | 12                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 11.44           | 12.66           | 11.15           | 11.26           | 17.69                | 22.91                | 12                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 5.44            | 6.54            | 5.26            | 5.06            | 11.63                | 30.00                | 12                   |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 12.94           | 11.67           | 12.84           | 12.93           | 18.65                | 23.98                | 13                   |
| 5300MHz                         | Pass   | 5.36        | 12.72           | 11.81           | 12.89           | 13.06           | 18.67                | 23.98                | 13                   |
| 5320MHz                         | Pass   | 5.36        | 13.05           | 11.87           | 12.91           | 13.03           | 18.76                | 23.98                | 13                   |
| 5500MHz                         | Pass   | 5.36        | 12.81           | 13.20           | 12.24           | 12.33           | 18.68                | 23.98                | 13.25                |
| 5580MHz                         | Pass   | 5.36        | 12.38           | 12.84           | 12.27           | 12.49           | 18.52                | 23.98                | 13                   |
| 5700MHz                         | Pass   | 5.36        | 12.31           | 13.61           | 12.26           | 12.33           | 18.69                | 23.98                | 12.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 11.63           | 12.86           | 11.53           | 11.46           | 17.93                | 22.97                | 12.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 6.01            | 7.12            | 5.95            | 5.84            | 12.28                | 30.00                | 12.25                |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 15.64           | 14.45           | 15.48           | 15.63           | 21.35                | 23.98                | 15.75                |
| 5310MHz                         | Pass   | 5.36        | 15.74           | 14.86           | 15.59           | 15.65           | 21.49                | 23.98                | 16                   |
| 5510MHz                         | Pass   | 5.36        | 14.66           | 15.55           | 14.83           | 14.61           | 20.95                | 23.98                | 15.75                |
| 5550MHz                         | Pass   | 5.36        | 15.23           | 15.85           | 15.04           | 14.89           | 21.29                | 23.98                | 16                   |
| 5670MHz                         | Pass   | 5.36        | 15.07           | 16.51           | 14.97           | 15.16           | 21.50                | 23.98                | 15.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 15.23           | 16.42           | 14.98           | 15.28           | 21.54                | 23.98                | 15.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 4.77            | 6.06            | 4.78            | 4.93            | 11.19                | 30.00                | 15.25                |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 14.64           | 14.05           | 15.22           | 15.18           | 20.82                | 23.98                | 15.5                 |
| 5530MHz                         | Pass   | 5.36        | 15.39           | 15.83           | 15.17           | 14.07           | 21.18                | 23.98                | 16.25                |
| 5610MHz                         | Pass   | 5.36        | 17.85           | 18.56           | 17.21           | 17.05           | 23.73                | 23.98                | 18                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 17.92           | 18.32           | 17.03           | 16.94           | 23.61                | 23.98                | 17.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 3.52            | 4.40            | 3.21            | 2.96            | 9.58                 | 30.00                | 17.5                 |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 10.98           | 11.27           | 11.12           | 11.12           | 17.14                | 30.00                | 14                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 10.64           | 11.15           | 10.85           | 11.34           | 17.02                | 23.98                | 14                   |
| 5570MHz                         | Pass   | 5.36        | 15.84           | 15.92           | 14.79           | 14.62           | 21.35                | 23.98                | 16.75                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 13.06           | 11.87           | 13.31           | 13.17           | 18.91                | 23.98                | 13                   |
| 5300MHz                         | Pass   | 5.36        | 12.93           | 12.05           | 13.05           | 13.26           | 18.87                | 23.98                | 13                   |
| 5320MHz                         | Pass   | 5.36        | 13.04           | 12.03           | 13.10           | 13.21           | 18.89                | 23.98                | 13                   |
| 5500MHz                         | Pass   | 5.36        | 12.84           | 13.16           | 12.39           | 12.47           | 18.75                | 23.98                | 13.25                |
| 5580MHz                         | Pass   | 5.36        | 12.69           | 13.12           | 12.46           | 12.60           | 18.75                | 23.98                | 13                   |
| 5700MHz                         | Pass   | 5.36        | 12.57           | 13.78           | 12.51           | 12.41           | 18.88                | 23.98                | 12.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 11.84           | 12.88           | 11.74           | 11.63           | 18.07                | 22.97                | 12.25                |



## Average Power\_Radio 2 / Internal Antenna

## Appendix B.3

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 6.56            | 7.68            | 6.58            | 6.39            | 12.85                | 30.00                | 12.25                |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 15.89           | 14.50           | 15.84           | 15.85           | 21.58                | 23.98                | 15.75                |
| 5310MHz                         | Pass   | 5.36        | 15.88           | 14.95           | 15.88           | 15.92           | 21.70                | 23.98                | 16                   |
| 5510MHz                         | Pass   | 5.36        | 14.92           | 15.70           | 15.07           | 14.66           | 21.13                | 23.98                | 15.75                |
| 5550MHz                         | Pass   | 5.36        | 15.24           | 16.09           | 15.12           | 15.19           | 21.45                | 23.98                | 16                   |
| 5670MHz                         | Pass   | 5.36        | 15.28           | 16.56           | 15.13           | 15.36           | 21.64                | 23.98                | 15.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 15.44           | 16.48           | 15.03           | 15.22           | 21.60                | 23.98                | 15.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 5.52            | 6.82            | 5.51            | 5.66            | 11.93                | 30.00                | 15.25                |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 14.86           | 14.43           | 15.47           | 15.35           | 21.07                | 23.98                | 15.5                 |
| 5530MHz                         | Pass   | 5.36        | 15.45           | 16.09           | 15.34           | 14.48           | 21.40                | 23.98                | 16.25                |
| 5610MHz                         | Pass   | 5.36        | 18.09           | 18.82           | 17.36           | 17.31           | 23.96                | 23.98                | 18                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 18.05           | 18.61           | 17.37           | 17.20           | 23.86                | 23.98                | 17.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 4.41            | 5.40            | 4.07            | 3.85            | 10.49                | 30.00                | 17.5                 |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 11.29           | 11.60           | 11.46           | 11.20           | 17.41                | 30.00                | 14                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 10.91           | 11.37           | 11.09           | 11.46           | 17.23                | 23.98                | 14                   |
| 5570MHz                         | Pass   | 5.36        | 16.22           | 16.28           | 15.23           | 15.07           | 21.76                | 23.98                | 16.75                |

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

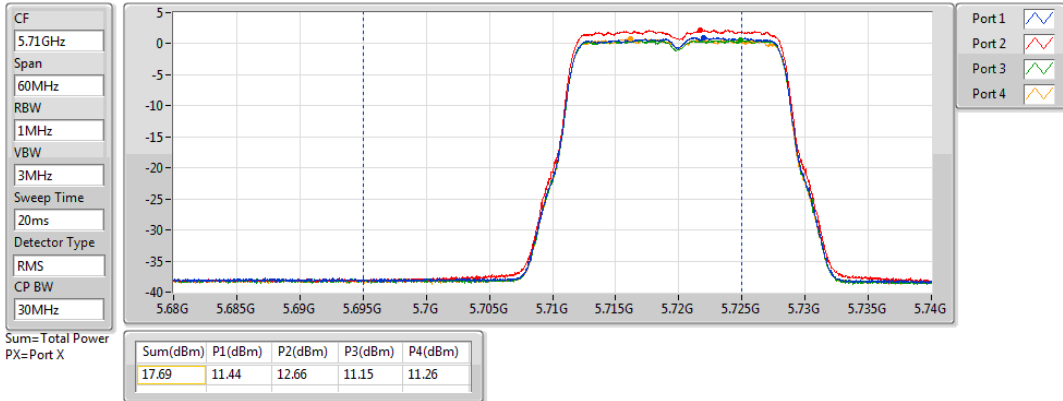
Note : Conducted setting = Pass conducted setting division 4

### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

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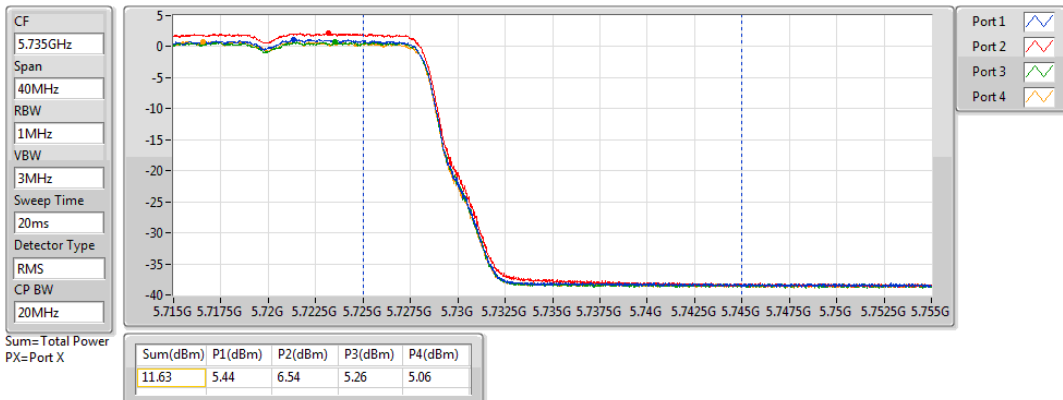


### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

28/10/2019

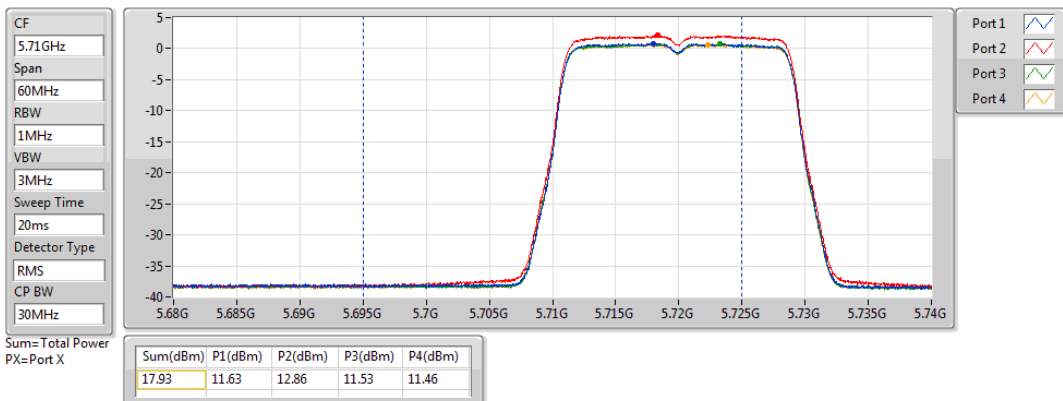


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

28/10/2019

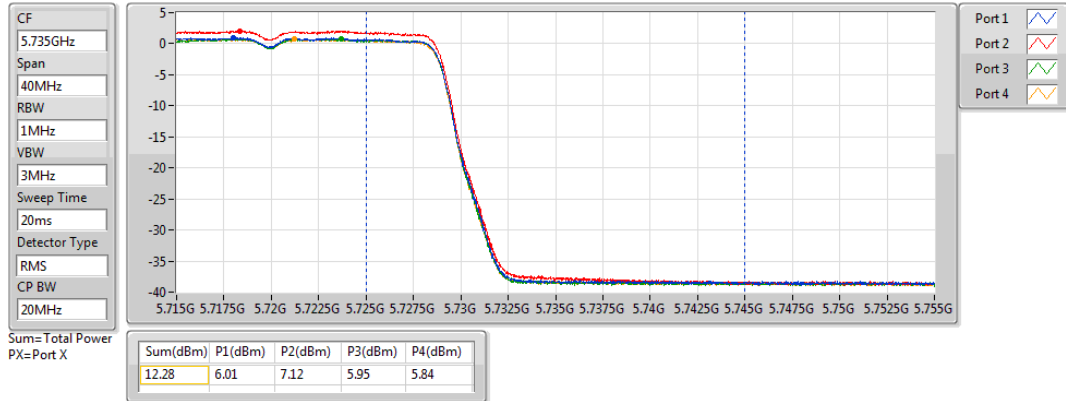


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

5720MHz Straddle 5.725-5.85GHz

28/10/2019

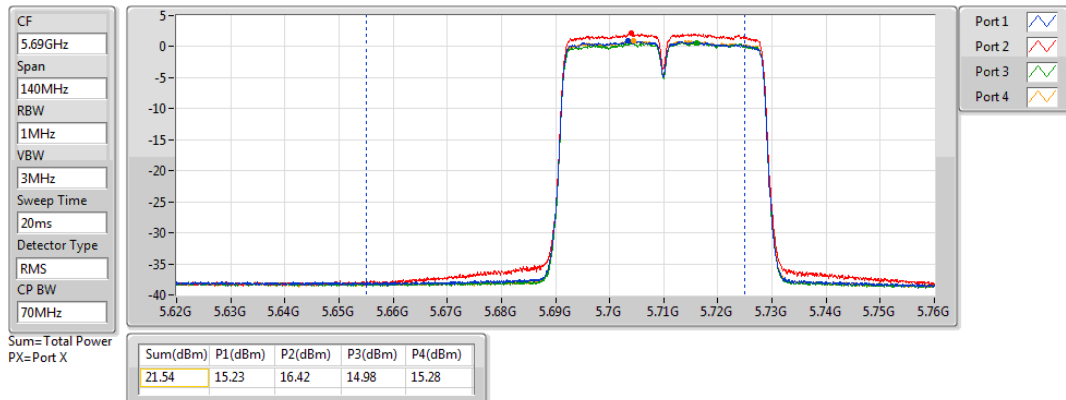


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

5710MHz Straddle 5.47-5.725GHz

29/10/2019

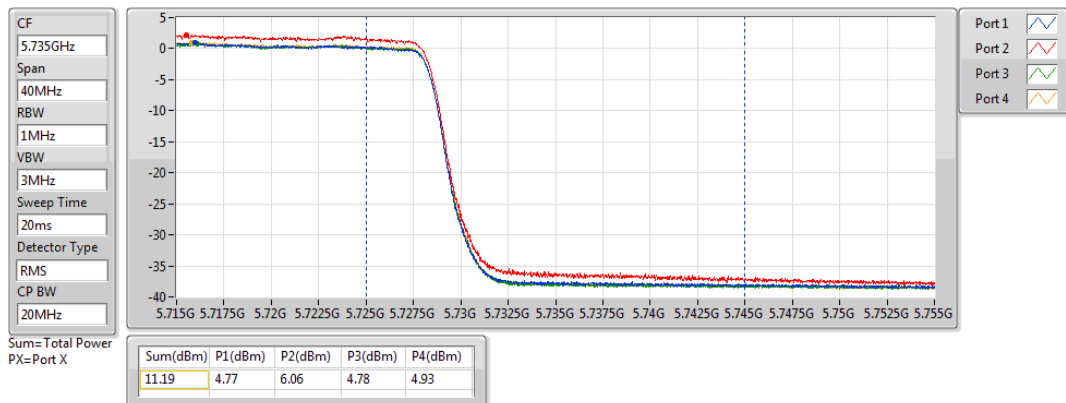


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

5710MHz Straddle 5.725-5.85GHz

29/10/2019

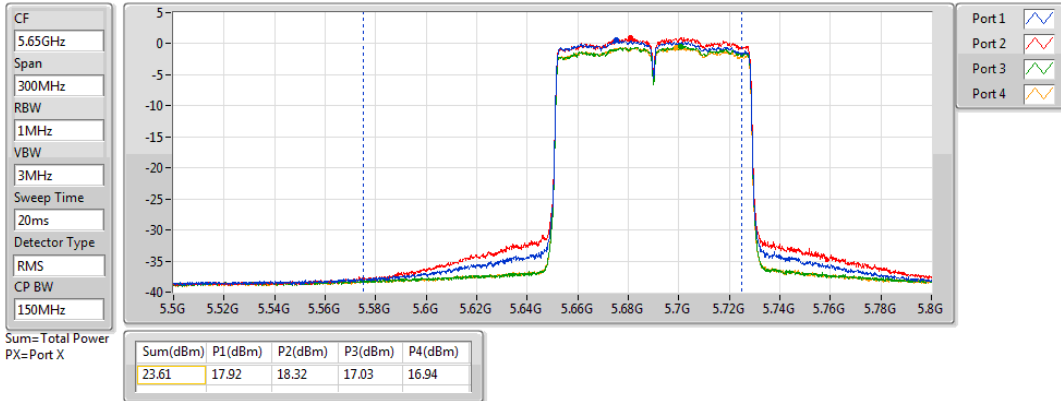


### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

29/10/2019

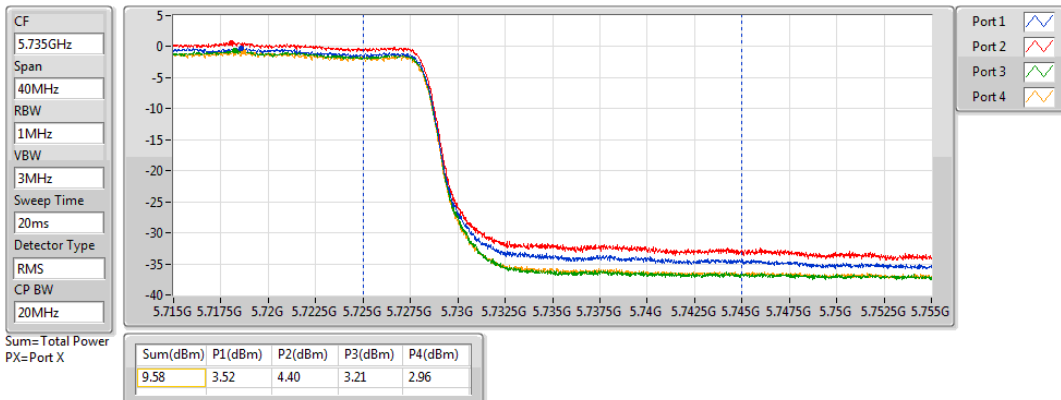


### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

29/10/2019

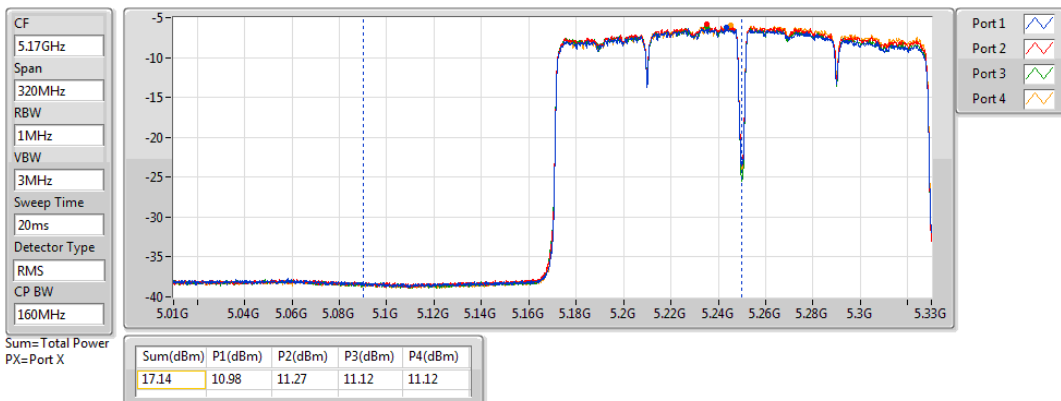


### 802.11ac VHT160\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

29/10/2019

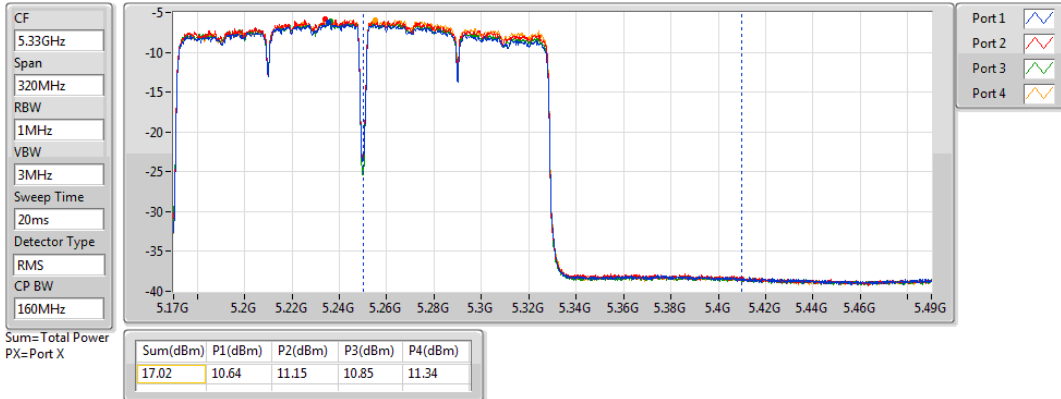


### 802.11ac VHT160\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

29/10/2019

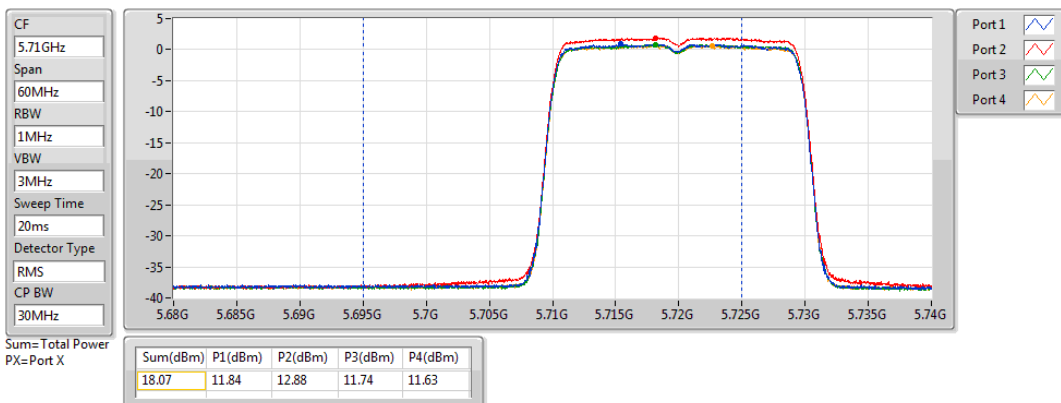


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

28/10/2019

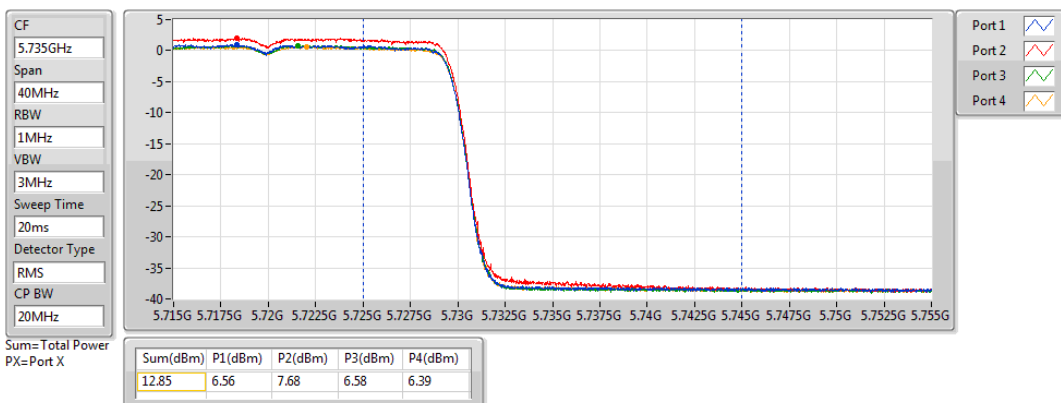


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

28/10/2019

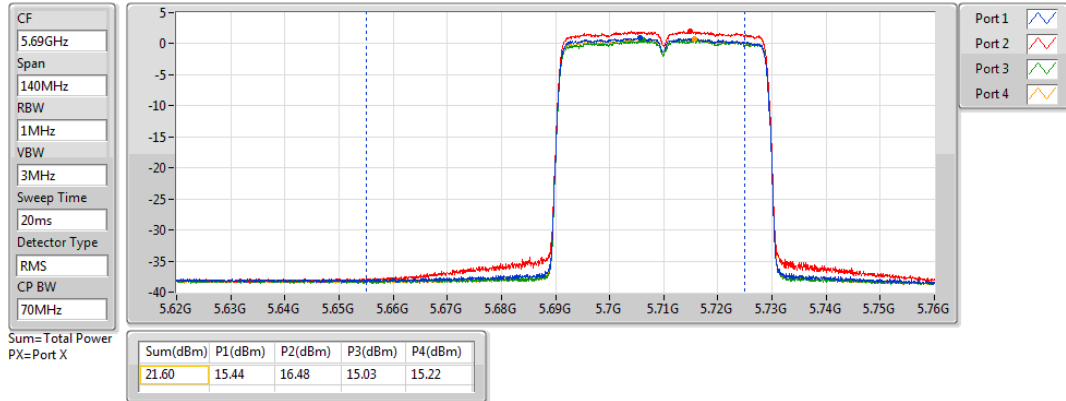


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

28/10/2019

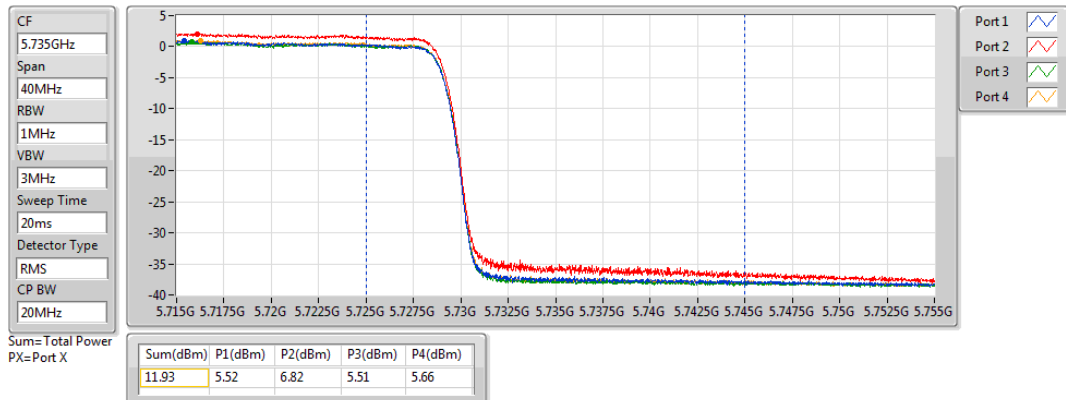


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

28/10/2019

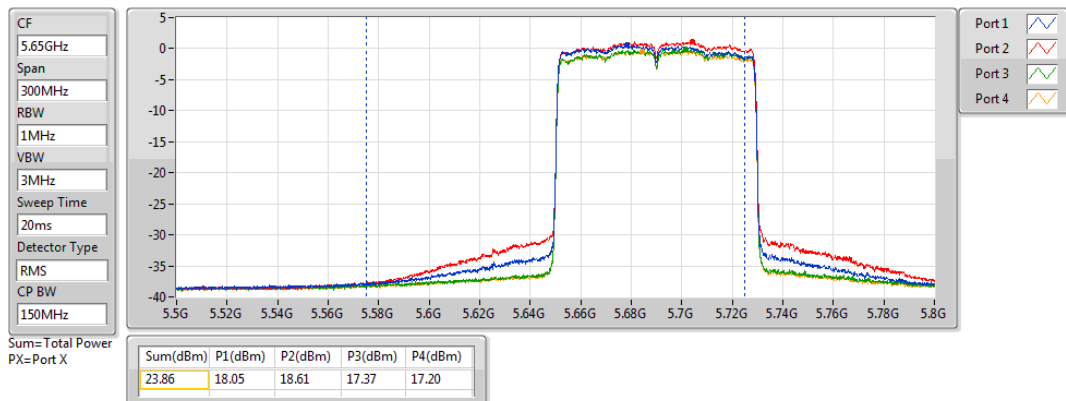


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

28/10/2019

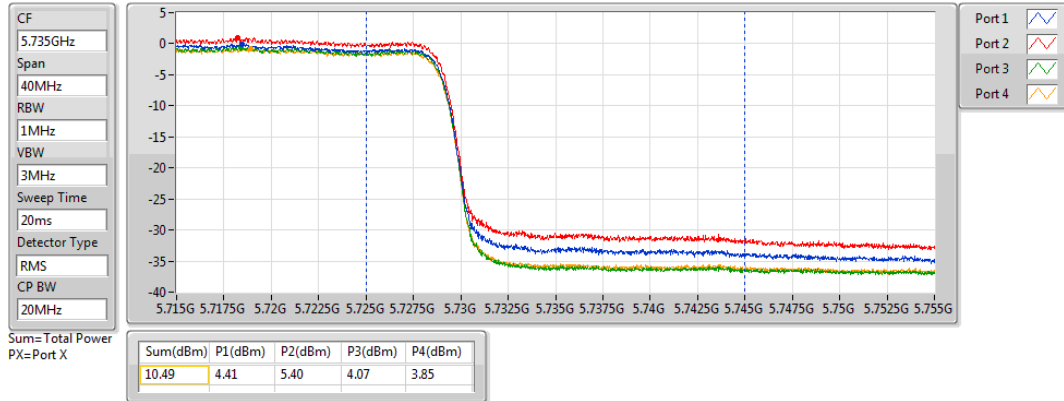


802.11ax HEW80\_Nss1,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/10/2019

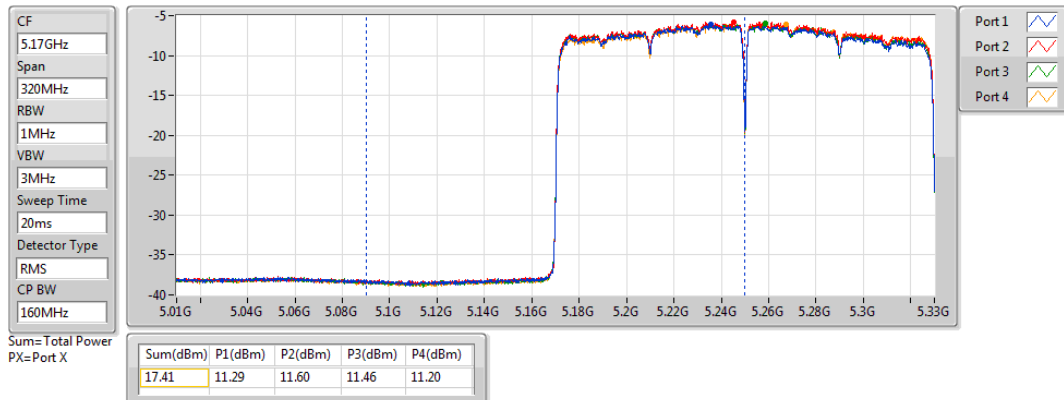


802.11ax HEW160\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/10/2019

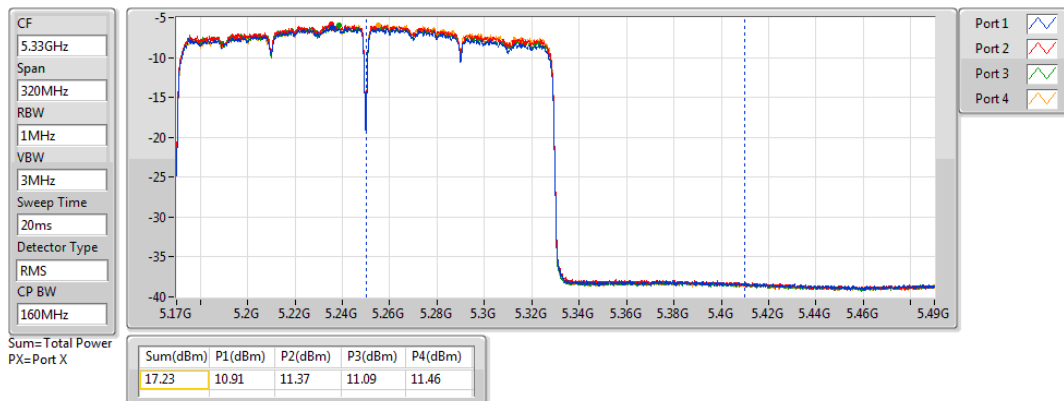


802.11ax HEW160\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/10/2019



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) |
|------------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                       | -                    | -                  |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 18.16                | 0.06546            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 18.51                | 0.07096            |
| 5.25-5.35GHz                       | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 18.09                | 0.06442            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 18.02                | 0.06339            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 18.21                | 0.06622            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 18.16                | 0.06546            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 18.54                | 0.07145            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 18.50                | 0.07079            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 18.56                | 0.07178            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 18.48                | 0.07047            |
| 5.47-5.725GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 18.15                | 0.06531            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 18.43                | 0.06966            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 18.33                | 0.06808            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 18.22                | 0.06637            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 18.57                | 0.07194            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 18.51                | 0.07096            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 18.56                | 0.07178            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 18.46                | 0.07015            |
| 5.725-5.85GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 11.71                | 0.01483            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 7.90                 | 0.00617            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 4.20                 | 0.00263            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 12.35                | 0.01718            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 8.64                 | 0.00731            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 5.26                 | 0.00336            |

**Result**

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                            | Pass   | 11.38       | 11.74           | 10.60           | 12.54           | 13.02           | 18.09                | 18.60                | 12                   |
| 5300MHz                            | Pass   | 11.38       | 11.63           | 10.54           | 12.43           | 12.84           | 17.97                | 18.60                | 12                   |
| 5320MHz                            | Pass   | 11.38       | 11.63           | 10.94           | 12.48           | 12.90           | 18.07                | 18.60                | 12                   |
| 5500MHz                            | Pass   | 11.38       | 10.72           | 13.51           | 11.62           | 12.03           | 18.11                | 18.60                | 11.75                |
| 5580MHz                            | Pass   | 11.38       | 10.77           | 13.46           | 11.45           | 11.87           | 18.03                | 18.60                | 12                   |
| 5700MHz                            | Pass   | 11.38       | 11.10           | 13.34           | 11.63           | 12.12           | 18.15                | 18.62                | 10.75                |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 10.63           | 12.78           | 11.07           | 11.42           | 17.57                | 17.59                | 10.75                |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | 4.80            | 6.97            | 5.26            | 5.42            | 11.71                | 24.62                | 10.75                |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                            | Pass   | 11.38       | 11.99           | 10.64           | 12.36           | 12.70           | 18.01                | 18.62                | 12                   |
| 5310MHz                            | Pass   | 11.38       | 11.89           | 10.78           | 12.21           | 12.86           | 18.02                | 18.62                | 12                   |
| 5510MHz                            | Pass   | 11.38       | 11.51           | 12.32           | 12.24           | 12.36           | 18.14                | 18.62                | 12.25                |
| 5550MHz                            | Pass   | 11.38       | 11.38           | 12.26           | 11.99           | 12.48           | 18.07                | 18.62                | 12                   |
| 5670MHz                            | Pass   | 11.38       | 10.93           | 13.43           | 11.39           | 12.18           | 18.11                | 18.62                | 10.75                |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 11.49           | 13.57           | 11.80           | 12.48           | 18.43                | 18.62                | 11                   |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | 0.76            | 3.03            | 1.42            | 1.99            | 7.90                 | 24.62                | 11                   |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                            | Pass   | 11.38       | 11.62           | 10.89           | 12.63           | 13.23           | 18.21                | 18.62                | 12.25                |
| 5530MHz                            | Pass   | 11.38       | 11.29           | 12.27           | 12.18           | 12.27           | 18.04                | 18.62                | 12.25                |
| 5610MHz                            | Pass   | 11.38       | 11.62           | 13.35           | 11.19           | 11.72           | 18.07                | 18.62                | 11                   |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 12.05           | 13.42           | 11.41           | 12.11           | 18.33                | 18.62                | 11                   |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | -2.32           | -0.83           | -2.23           | -2.09           | 4.20                 | 24.62                | 11                   |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 11.38       | 11.88           | 10.22           | 12.72           | 13.17           | 18.16                | 24.62                | 14.75                |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 11.38       | 11.78           | 10.90           | 12.36           | 13.21           | 18.16                | 18.62                | 14.75                |
| 5570MHz                            | Pass   | 11.38       | 11.89           | 12.23           | 12.63           | 11.99           | 18.22                | 18.62                | 12.75                |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                            | Pass   | 11.38       | 12.22           | 11.01           | 12.92           | 13.35           | 18.48                | 18.60                | 12                   |
| 5300MHz                            | Pass   | 11.38       | 12.33           | 11.04           | 12.84           | 13.28           | 18.47                | 18.60                | 12                   |
| 5320MHz                            | Pass   | 11.38       | 12.38           | 11.30           | 12.70           | 13.43           | 18.54                | 18.60                | 12                   |
| 5500MHz                            | Pass   | 11.38       | 11.26           | 14.01           | 11.90           | 12.53           | 18.57                | 18.60                | 11.75                |
| 5580MHz                            | Pass   | 11.38       | 11.27           | 14.01           | 11.71           | 12.41           | 18.50                | 18.60                | 12                   |
| 5700MHz                            | Pass   | 11.38       | 11.51           | 13.93           | 11.88           | 12.22           | 18.51                | 18.60                | 10.75                |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 10.51           | 12.64           | 10.84           | 11.19           | 17.40                | 17.57                | 10.75                |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | 5.34            | 7.63            | 5.85            | 6.14            | 12.35                | 24.62                | 10.75                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                            | Pass   | 11.38       | 12.47           | 10.95           | 12.64           | 13.18           | 18.41                | 18.60                | 12                   |
| 5310MHz                            | Pass   | 11.38       | 12.62           | 11.12           | 12.59           | 13.32           | 18.50                | 18.60                | 12                   |
| 5510MHz                            | Pass   | 11.38       | 11.77           | 12.88           | 12.24           | 12.89           | 18.49                | 18.60                | 12.25                |
| 5550MHz                            | Pass   | 11.38       | 11.78           | 12.74           | 12.45           | 12.90           | 18.51                | 18.60                | 12                   |
| 5670MHz                            | Pass   | 11.38       | 11.38           | 13.71           | 11.85           | 12.31           | 18.42                | 18.60                | 10.75                |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 11.54           | 13.62           | 11.81           | 12.49           | 18.46                | 18.60                | 11                   |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | 1.62            | 3.79            | 2.03            | 2.72            | 8.64                 | 24.62                | 11                   |



## Average Power\_Radio 2 / Internal Antenna

## Appendix B.4

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                            | Pass   | 11.38       | 12.06           | 11.28           | 13.02           | 13.46           | 18.56                | 18.60                | 12.25                |
| 5530MHz                            | Pass   | 11.38       | 11.76           | 12.71           | 12.58           | 12.99           | 18.55                | 18.60                | 12.25                |
| 5610MHz                            | Pass   | 11.38       | 11.97           | 13.87           | 11.54           | 12.22           | 18.52                | 18.60                | 11                   |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 11.38       | 12.30           | 13.63           | 11.67           | 12.32           | 18.56                | 18.60                | 11                   |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 11.38       | -1.31           | 0.41            | -1.36           | -1.05           | 5.26                 | 24.62                | 11                   |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 11.38       | 12.10           | 11.23           | 12.92           | 13.39           | 18.51                | 24.62                | 14.75                |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 11.38       | 12.02           | 11.17           | 12.68           | 13.59           | 18.48                | 18.60                | 14.75                |
| 5570MHz                            | Pass   | 11.38       | 12.18           | 12.31           | 13.00           | 12.23           | 18.46                | 18.60                | 12.75                |

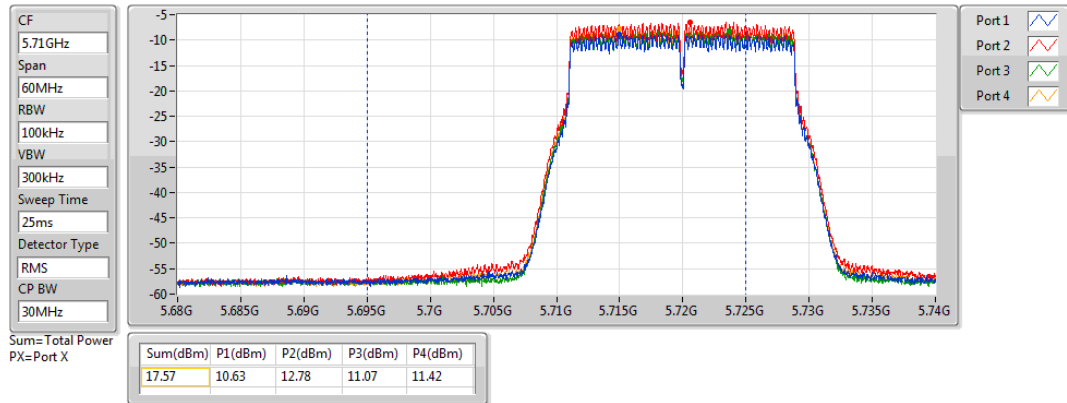
**DG** = Directional Gain; **Port X** = Port X output power

**Note** : **Conducted setting** = **Pass** conducted setting division 4

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### AV Power

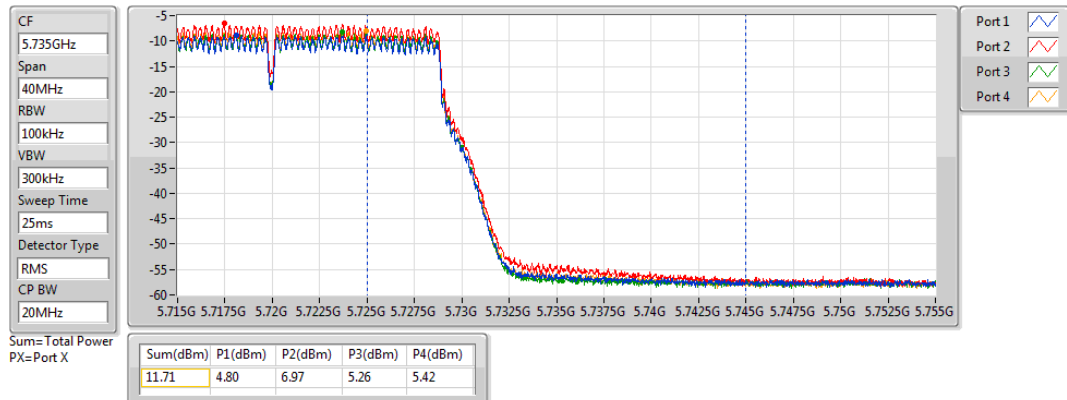
#### 5720MHz Straddle 5.47-5.725GHz



### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### AV Power

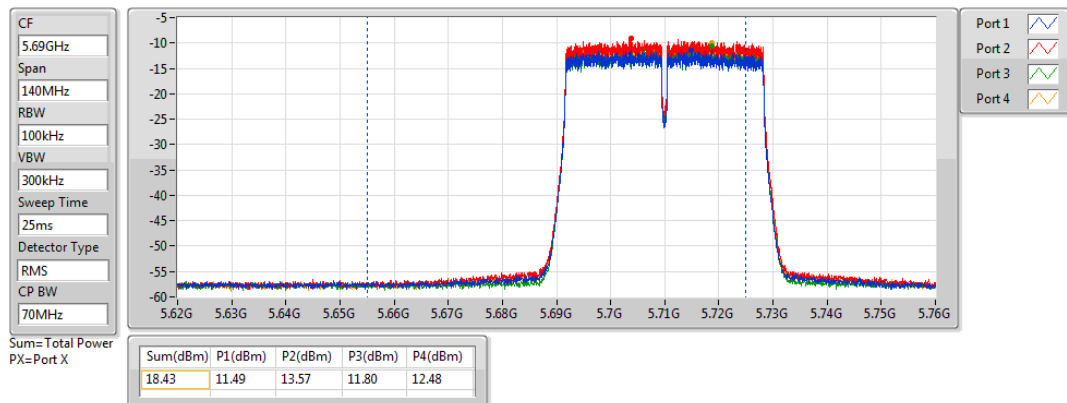
#### 5720MHz Straddle 5.725-5.85GHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

### AV Power

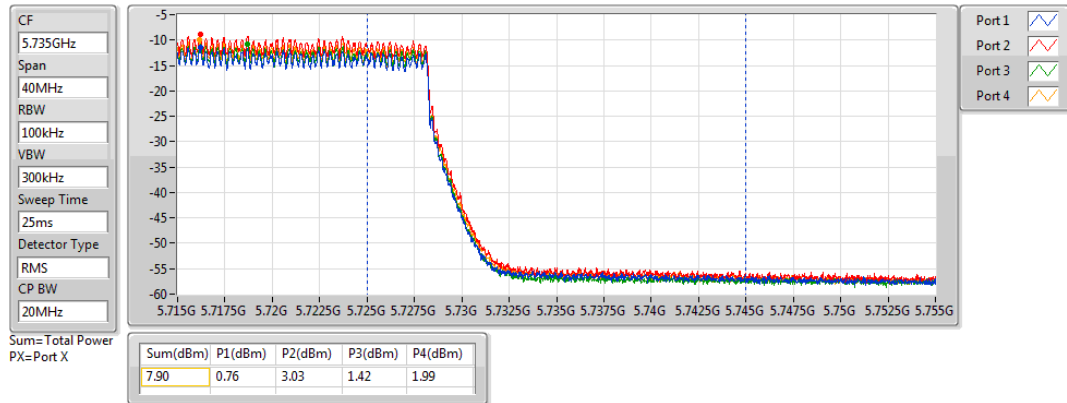
#### 5710MHz Straddle 5.47-5.725GHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

### AV Power

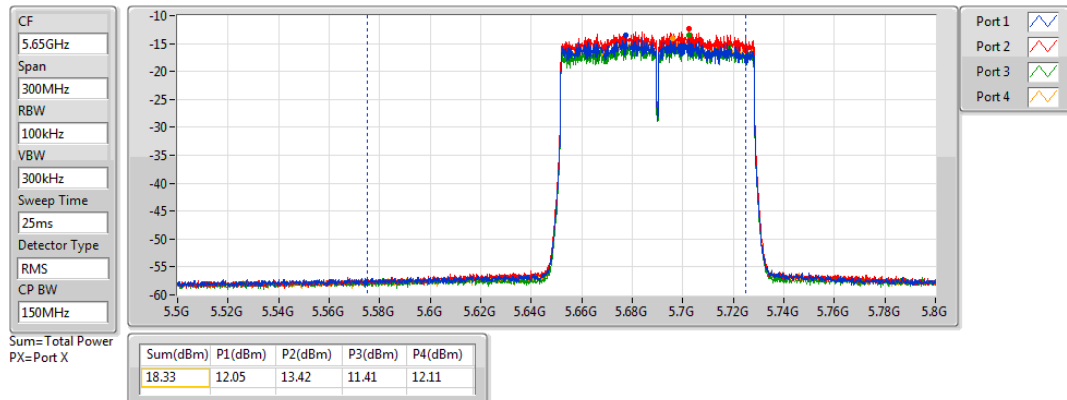
#### 5710MHz Straddle 5.725-5.85GHz



### 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

### AV Power

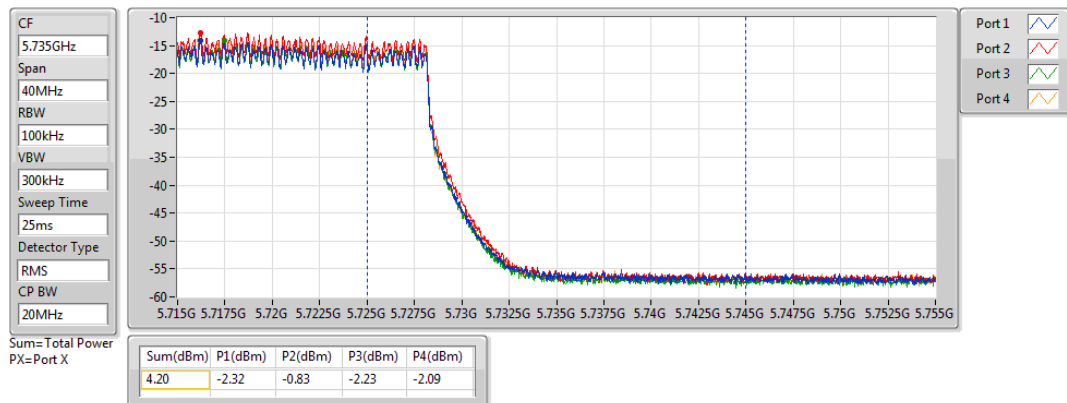
#### 5690MHz Straddle 5.47-5.725GHz



### 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

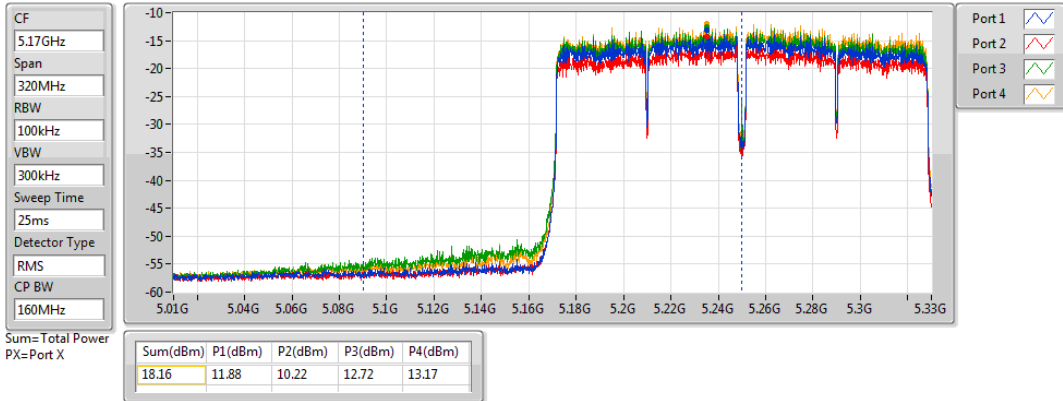


### 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

01/11/2019

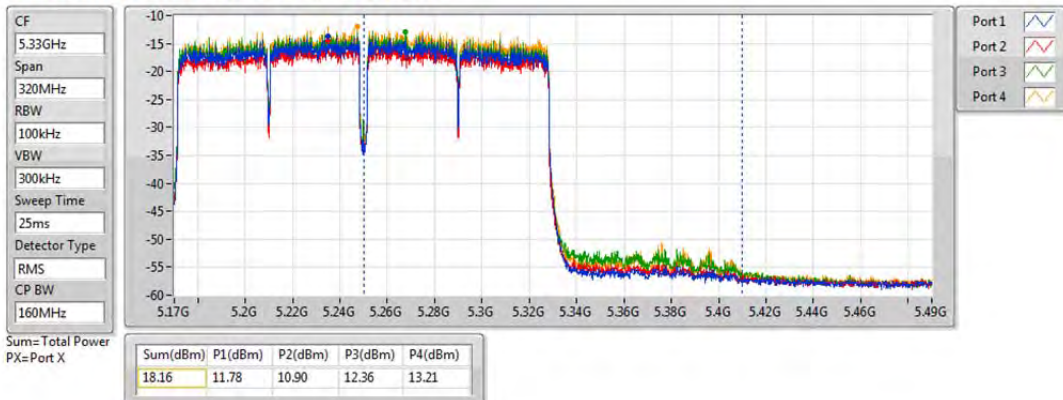


### 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

01/11/2019

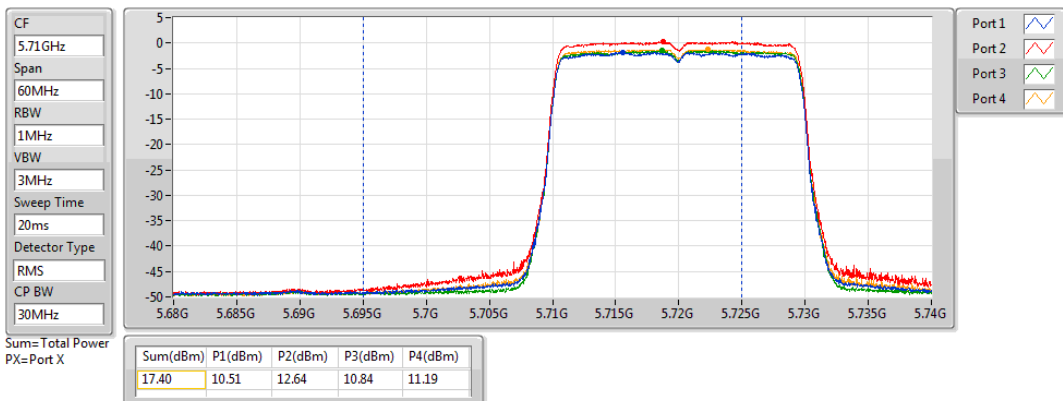


### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

01/11/2019

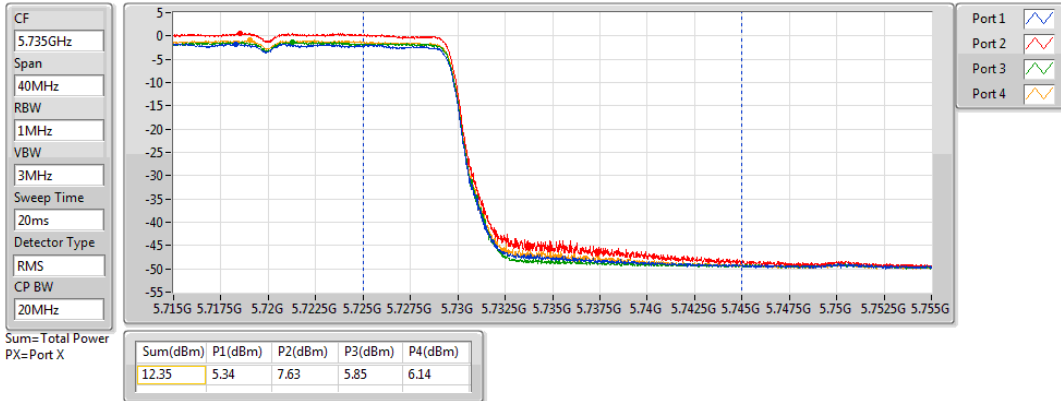


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

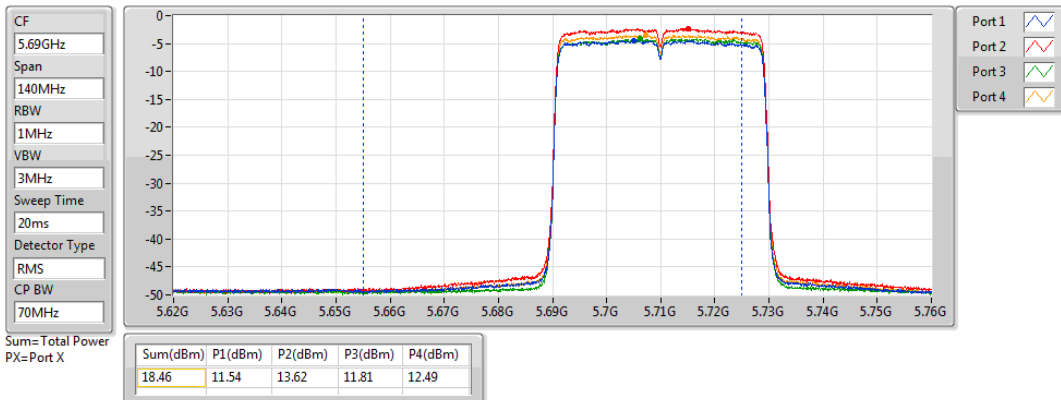


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

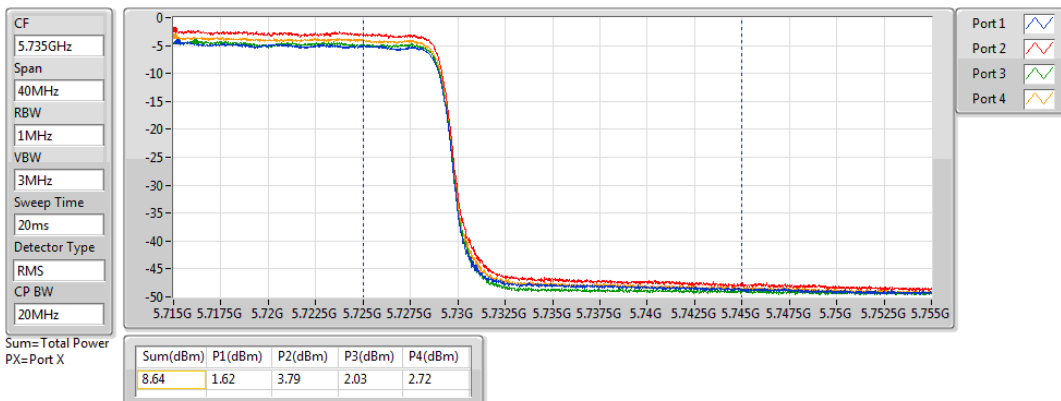


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

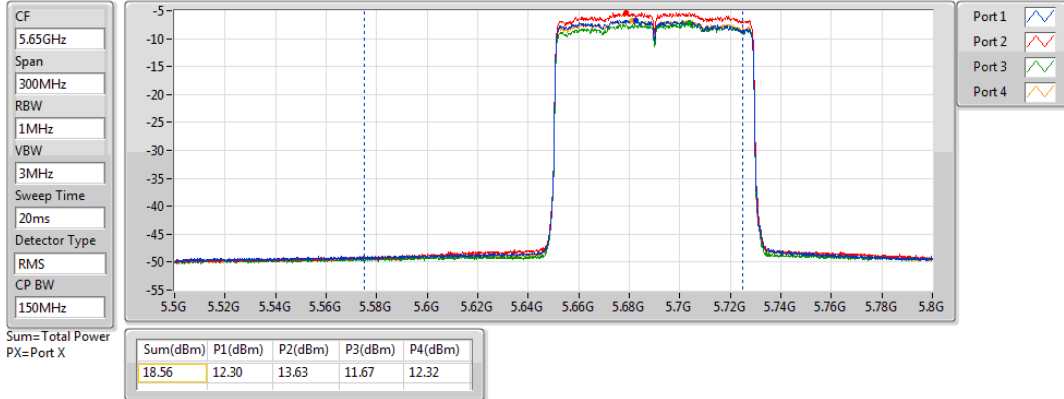
01/11/2019



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

AV Power

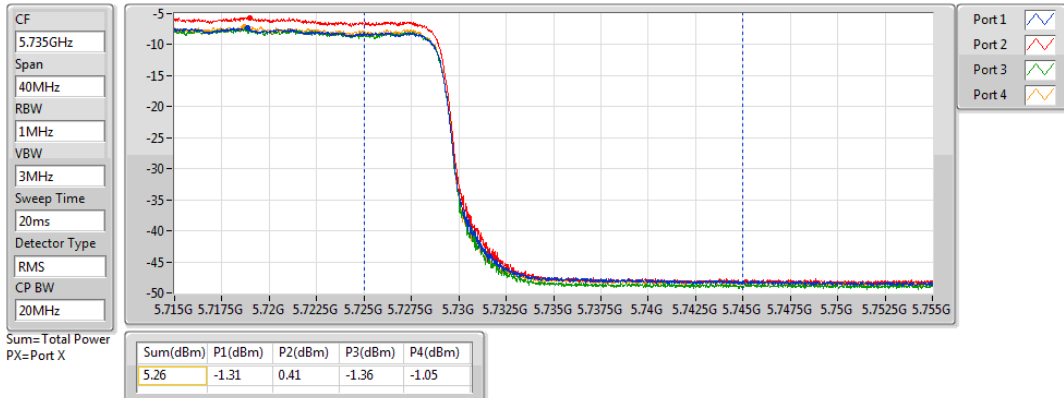
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

AV Power

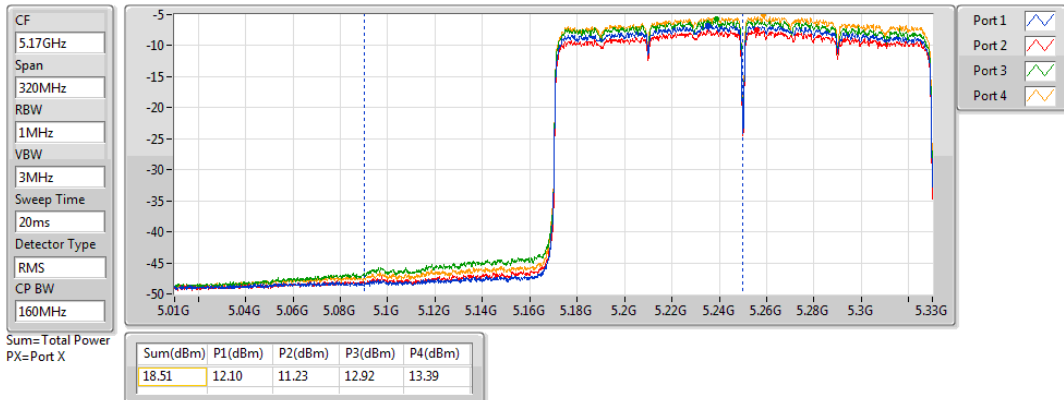
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

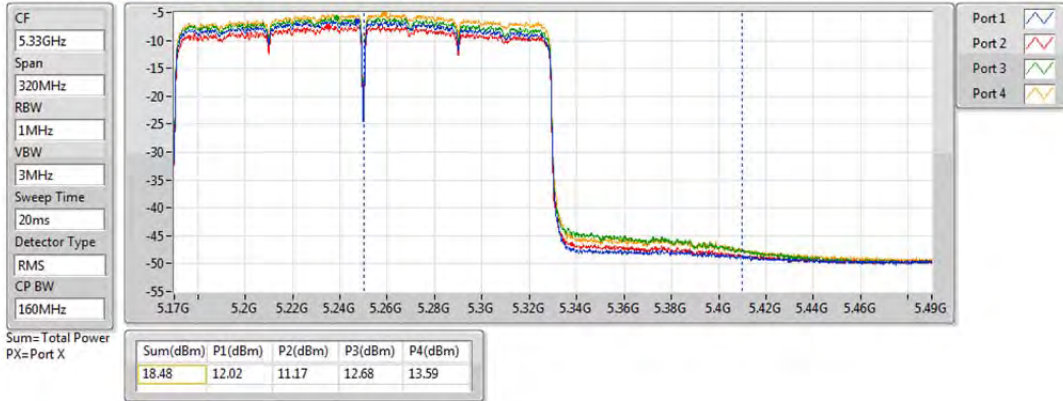


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

01/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 16.75                | 0.04732            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 16.85                | 0.04842            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 23.87                | 0.24378            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 23.57                | 0.22751            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 21.16                | 0.13062            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 16.58                | 0.04550            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 23.96                | 0.24889            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 23.83                | 0.24155            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 21.38                | 0.13740            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 16.64                | 0.04613            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 23.73                | 0.23605            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 23.68                | 0.23335            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 23.71                | 0.23496            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 20.33                | 0.10789            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 23.96                | 0.24889            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 23.91                | 0.24604            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 23.87                | 0.24378            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 20.42                | 0.11015            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 16.88                | 0.04875            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 13.35                | 0.02163            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 9.58                 | 0.00908            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 17.36                | 0.05445            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 13.62                | 0.02301            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 10.35                | 0.01084            |

## Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 17.94           | 16.98           | 18.24           | 18.12           | 23.87                | 23.98                | 18                   |
| 5300MHz                         | Pass   | 5.36        | 17.51           | 17.09           | 17.89           | 17.76           | 23.59                | 23.98                | 18                   |
| 5320MHz                         | Pass   | 5.36        | 17.43           | 17.40           | 17.78           | 17.73           | 23.61                | 23.98                | 18                   |
| 5500MHz                         | Pass   | 5.36        | 17.39           | 18.14           | 17.91           | 17.34           | 23.73                | 23.98                | 18.5                 |
| 5580MHz                         | Pass   | 5.36        | 17.44           | 18.03           | 17.50           | 17.27           | 23.59                | 23.98                | 18.25                |
| 5700MHz                         | Pass   | 5.36        | 15.00           | 16.15           | 14.90           | 14.92           | 21.30                | 23.98                | 15                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 16.42           | 17.55           | 16.37           | 16.34           | 22.72                | 22.96                | 17.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 10.48           | 11.85           | 10.62           | 10.32           | 16.88                | 30.00                | 17.25                |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 17.46           | 17.07           | 17.72           | 17.91           | 23.57                | 23.98                | 18.25                |
| 5310MHz                         | Pass   | 5.36        | 15.27           | 14.41           | 15.57           | 15.50           | 21.23                | 23.98                | 15.75                |
| 5510MHz                         | Pass   | 5.36        | 13.56           | 14.58           | 13.49           | 13.61           | 19.85                | 23.98                | 14.75                |
| 5550MHz                         | Pass   | 5.36        | 17.36           | 18.04           | 17.53           | 17.67           | 23.68                | 23.98                | 18.5                 |
| 5670MHz                         | Pass   | 5.36        | 15.88           | 17.31           | 15.48           | 15.48           | 22.13                | 23.98                | 16.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 17.32           | 18.40           | 17.01           | 17.40           | 23.59                | 23.98                | 17.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 6.87            | 8.13            | 7.04            | 7.16            | 13.35                | 30.00                | 17.5                 |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 14.85           | 14.56           | 15.42           | 15.64           | 21.16                | 23.98                | 15.75                |
| 5530MHz                         | Pass   | 5.36        | 15.16           | 15.93           | 15.04           | 14.01           | 21.11                | 23.98                | 16.25                |
| 5610MHz                         | Pass   | 5.36        | 17.87           | 18.61           | 17.10           | 16.97           | 23.71                | 23.98                | 18                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 17.82           | 18.39           | 16.97           | 17.02           | 23.61                | 23.98                | 17.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 3.50            | 4.46            | 3.15            | 2.96            | 9.58                 | 30.00                | 17.5                 |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 10.74           | 10.81           | 10.68           | 10.70           | 16.75                | 30.00                | 13.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 10.41           | 10.50           | 10.55           | 10.78           | 16.58                | 23.98                | 13.5                 |
| 5570MHz                         | Pass   | 5.36        | 14.97           | 14.78           | 13.62           | 13.71           | 20.33                | 23.98                | 15.5                 |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 5.36        | 18.07           | 17.11           | 18.22           | 18.15           | 23.93                | 23.98                | 18                   |
| 5300MHz                         | Pass   | 5.36        | 17.80           | 17.20           | 18.11           | 18.04           | 23.82                | 23.98                | 18                   |
| 5320MHz                         | Pass   | 5.36        | 18.06           | 17.33           | 18.20           | 18.13           | 23.96                | 23.98                | 18                   |
| 5500MHz                         | Pass   | 5.36        | 17.87           | 18.23           | 17.90           | 17.74           | 23.96                | 23.98                | 18.5                 |
| 5580MHz                         | Pass   | 5.36        | 17.71           | 18.20           | 17.73           | 17.56           | 23.83                | 23.98                | 18.25                |
| 5700MHz                         | Pass   | 5.36        | 15.12           | 16.35           | 15.09           | 15.21           | 21.50                | 23.98                | 15                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 16.64           | 17.79           | 16.53           | 16.42           | 22.90                | 22.93                | 17.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 11.06           | 12.26           | 10.94           | 10.96           | 17.36                | 30.00                | 17.25                |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 5.36        | 17.91           | 17.23           | 18.05           | 17.98           | 23.83                | 23.98                | 18.25                |
| 5310MHz                         | Pass   | 5.36        | 15.65           | 14.71           | 15.53           | 15.61           | 21.41                | 23.98                | 15.75                |
| 5510MHz                         | Pass   | 5.36        | 13.89           | 14.69           | 13.85           | 13.78           | 20.09                | 23.98                | 14.75                |
| 5550MHz                         | Pass   | 5.36        | 17.64           | 18.20           | 17.81           | 17.68           | 23.86                | 23.98                | 18.5                 |
| 5670MHz                         | Pass   | 5.36        | 16.17           | 17.33           | 15.76           | 16.35           | 22.46                | 23.98                | 16.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 17.75           | 18.72           | 17.45           | 17.52           | 23.91                | 23.98                | 17.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 7.18            | 8.61            | 7.15            | 7.26            | 13.62                | 30.00                | 17.5                 |



## Average Power\_Radio 2 / Internal Antenna

## Appendix B.5

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 5.36        | 15.07           | 14.66           | 15.86           | 15.73           | 21.38                | 23.98                | 15.75                |
| 5530MHz                         | Pass   | 5.36        | 15.45           | 15.99           | 15.04           | 14.19           | 21.24                | 23.98                | 16.25                |
| 5610MHz                         | Pass   | 5.36        | 17.99           | 18.70           | 17.39           | 17.06           | 23.85                | 23.98                | 18                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 5.36        | 18.06           | 18.62           | 17.40           | 17.18           | 23.87                | 23.98                | 17.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.36        | 4.21            | 5.18            | 4.10            | 3.69            | 10.35                | 30.00                | 17.5                 |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.36        | 10.75           | 10.88           | 10.89           | 10.81           | 16.85                | 30.00                | 13.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.36        | 10.45           | 10.67           | 10.48           | 10.85           | 16.64                | 23.98                | 13.5                 |
| 5570MHz                         | Pass   | 5.36        | 15.03           | 14.95           | 13.68           | 13.74           | 20.42                | 23.98                | 15.5                 |

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

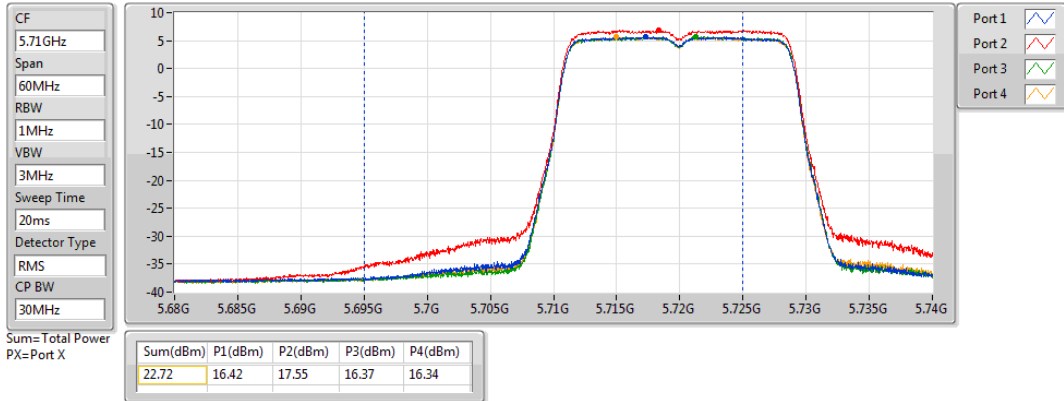
**Note** : **Conducted setting** = Pass conducted setting division 4

### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

29/10/2019

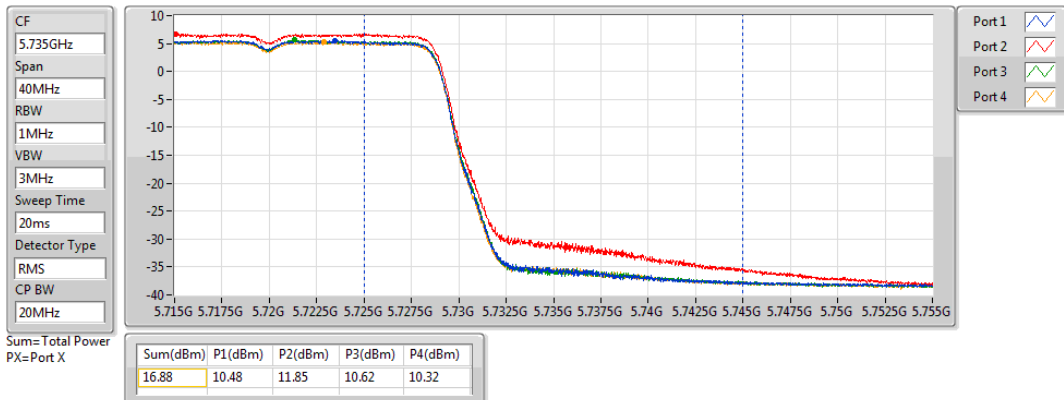


### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

29/10/2019

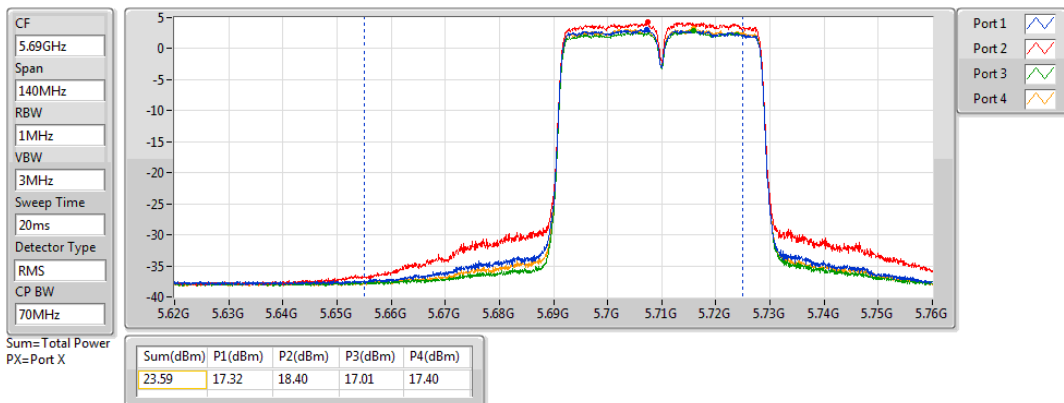


### 802.11ac VHT40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

29/10/2019

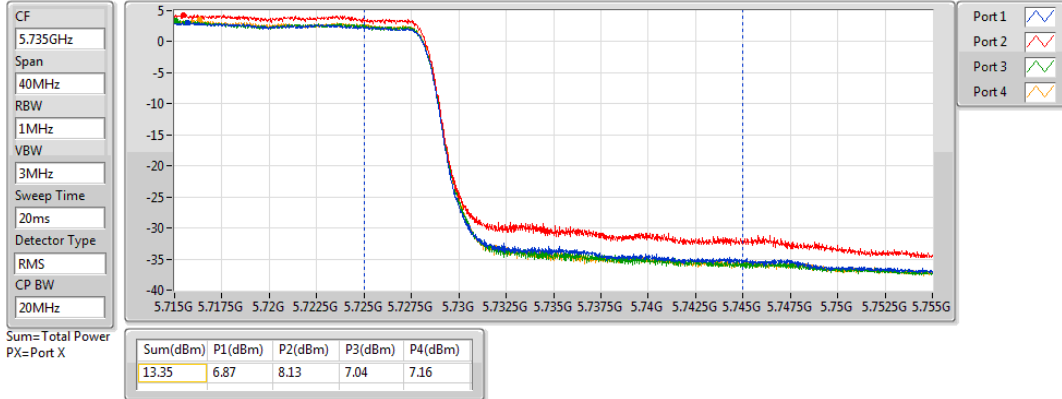


802.11ac VHT40\_Nss4,(MCS0)\_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/10/2019

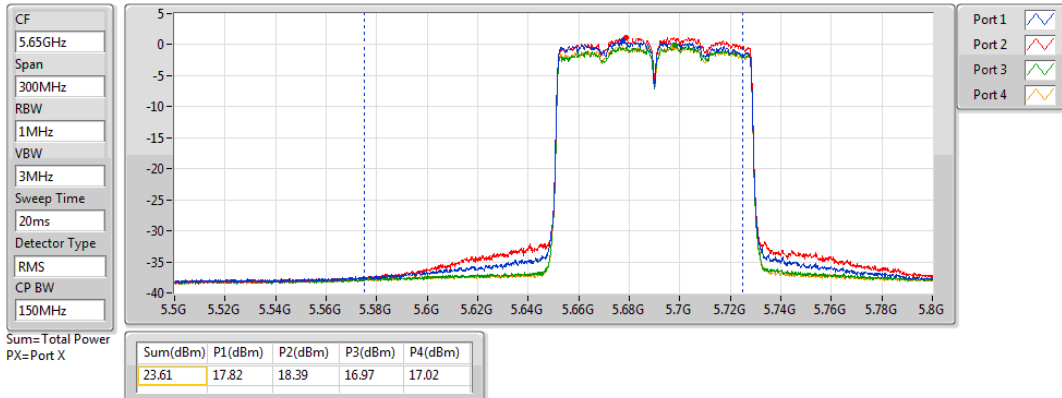


802.11ac VHT80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/10/2019

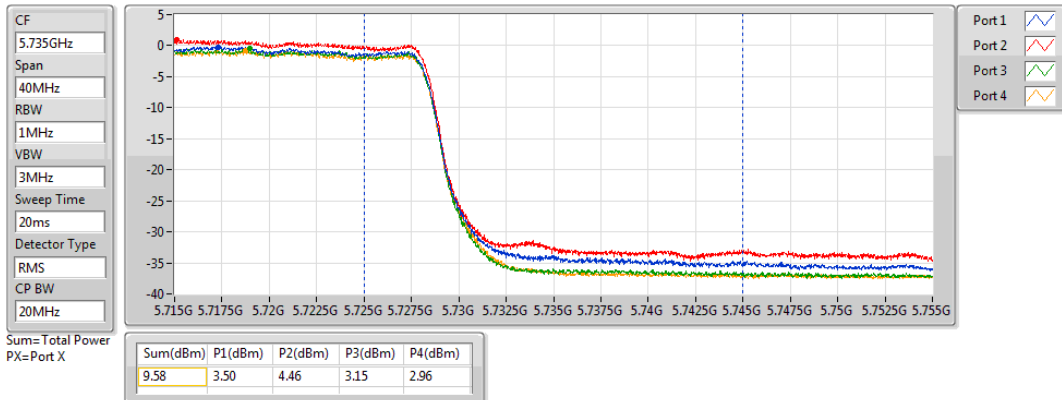


802.11ac VHT80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

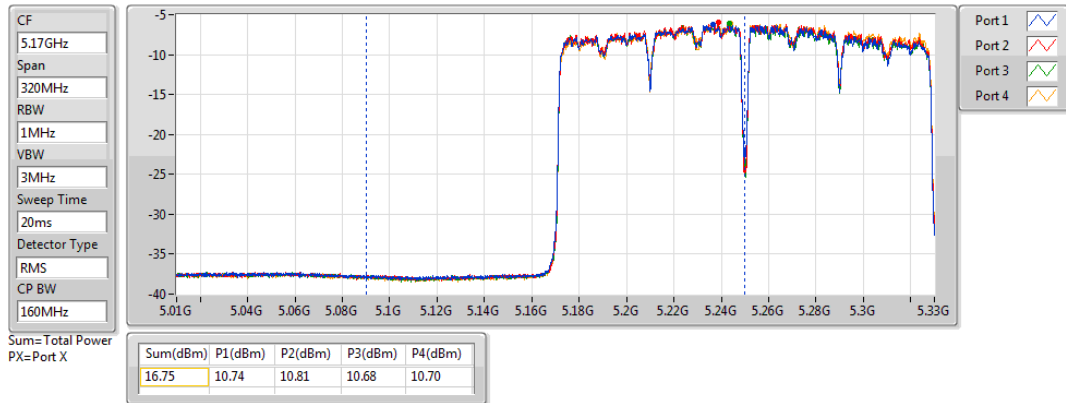
29/10/2019



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

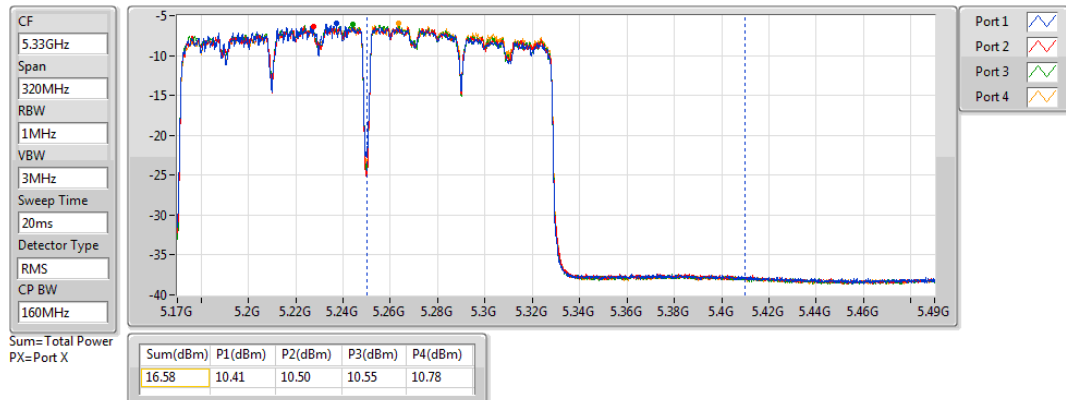
#### 5250MHz Straddle 5.15-5.25GHz



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

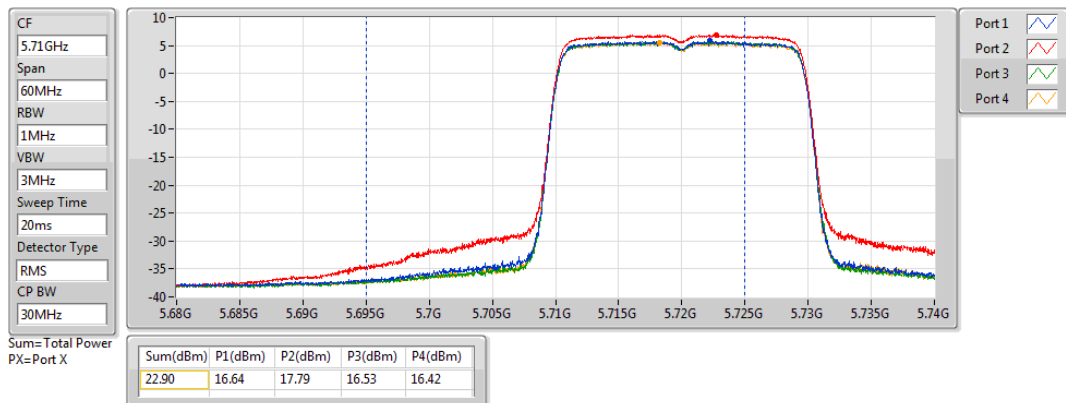
#### 5250MHz Straddle 5.25-5.35GHz



### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

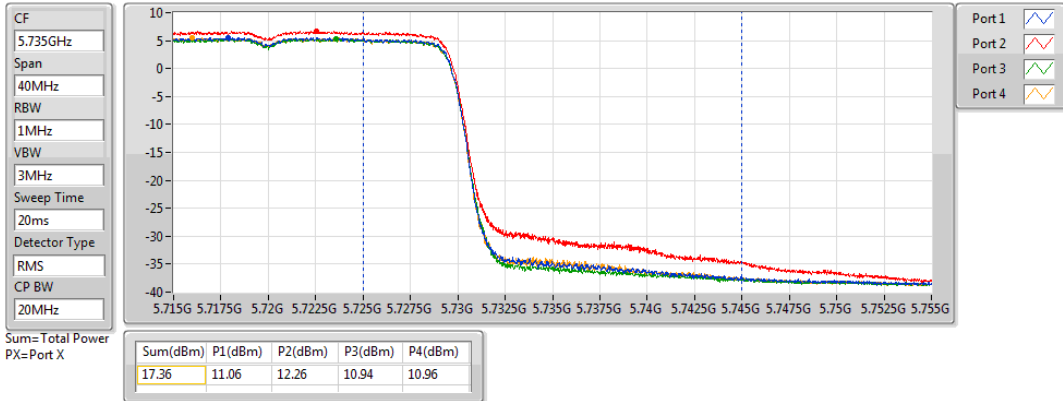


### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

29/10/2019

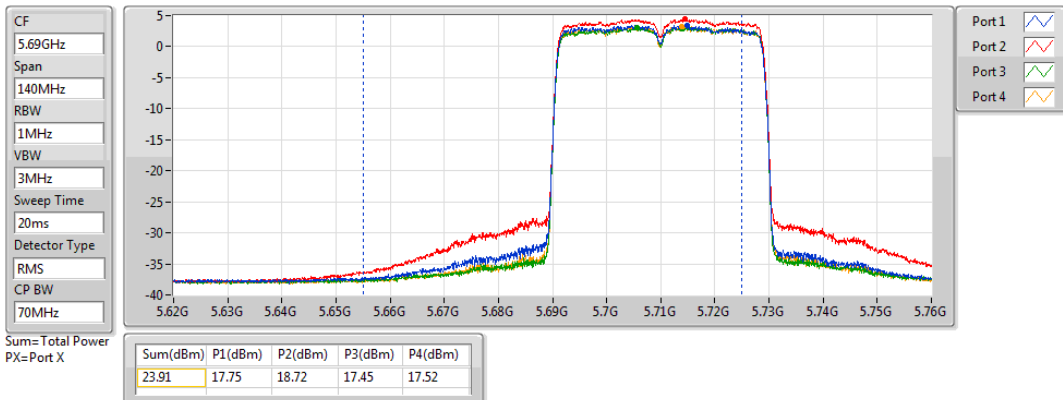


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

29/10/2019

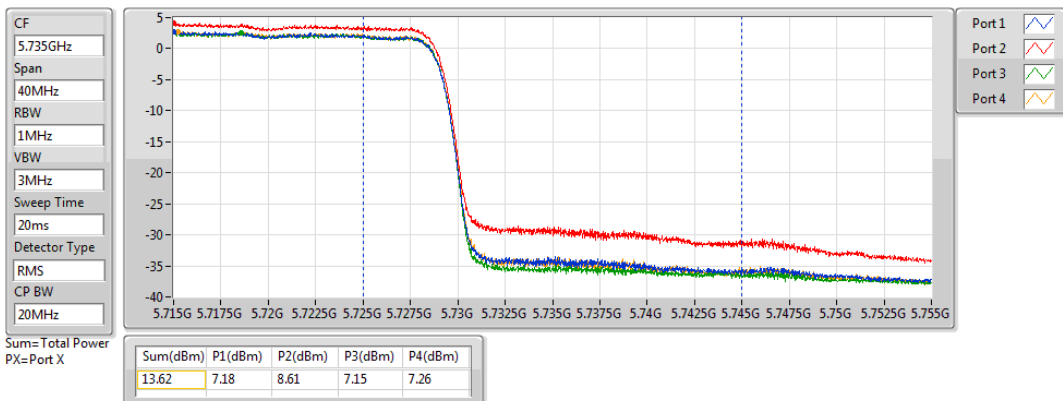


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

29/10/2019

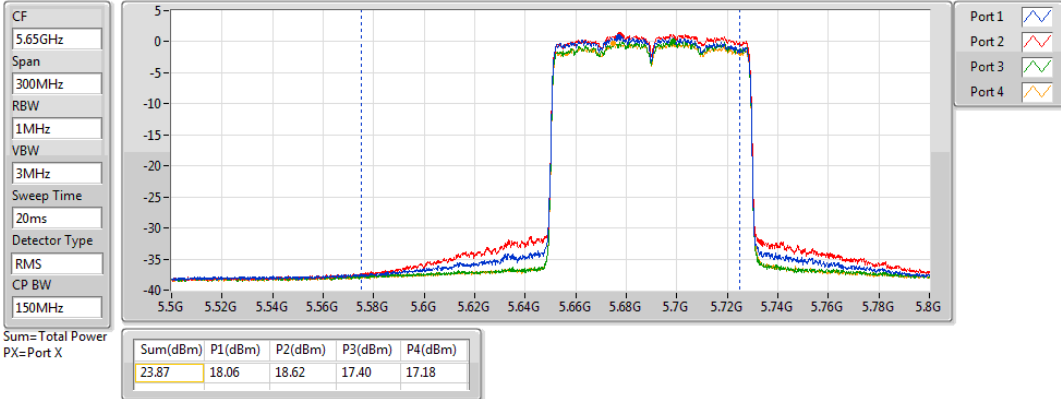


### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

29/10/2019

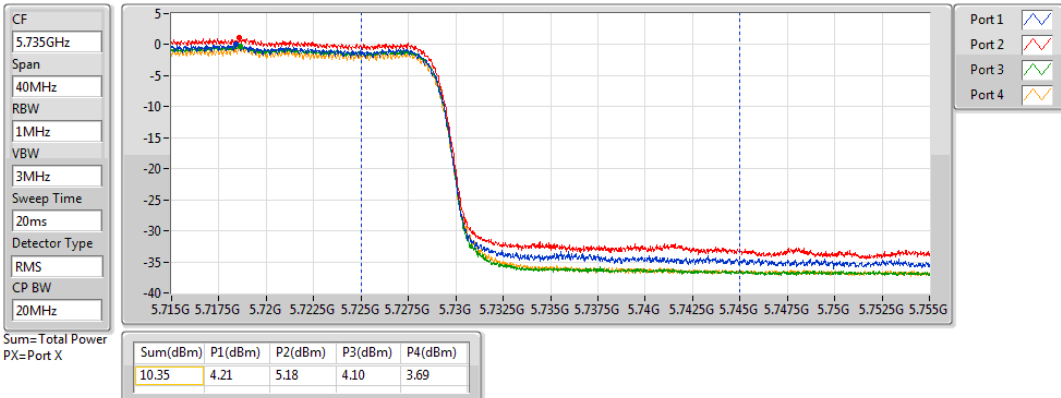


### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

29/10/2019

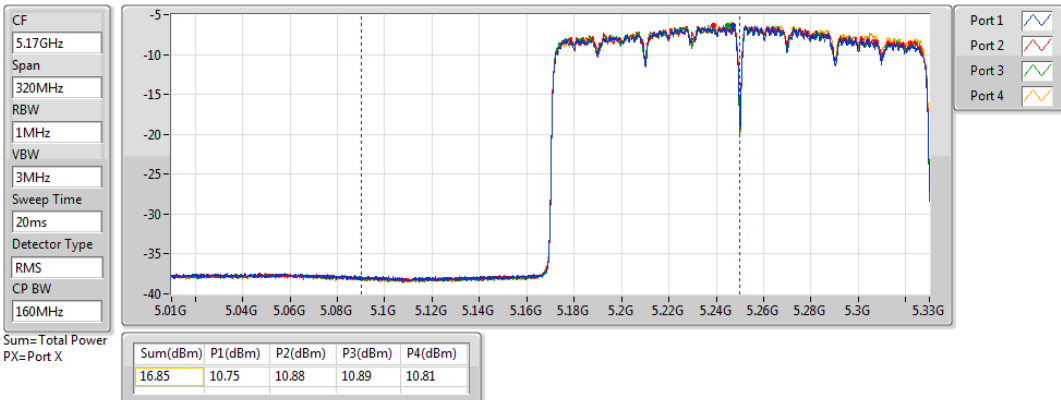


### 802.11ax HEW160\_Nss4,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

29/10/2019

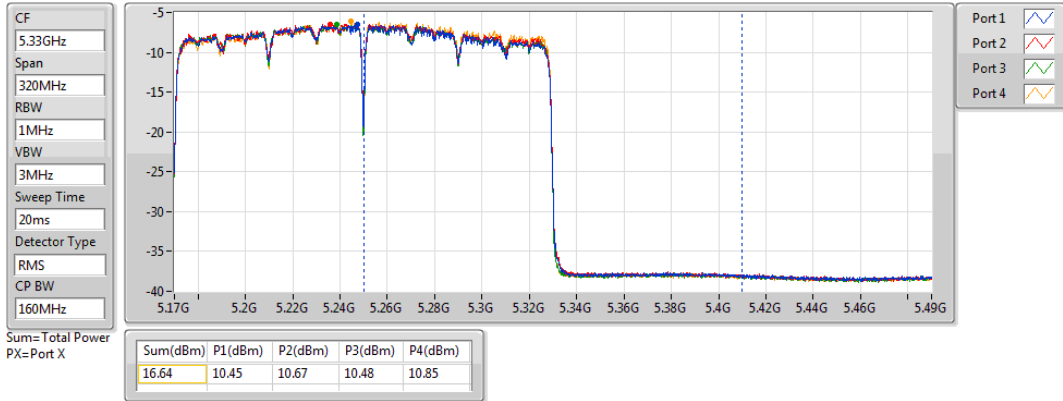


# 802.11ax HEW160\_Nss4,(MCS0)\_4TX

## AV Power

### 5250MHz Straddle 5.25-5.35GHz

29/10/2019





**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 11.49                | 0.01409            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 11.54                | 0.01426            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 20.85                | 0.12162            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 20.39                | 0.10940            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 19.66                | 0.09247            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 15.44                | 0.03499            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 11.53                | 0.01422            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 20.44                | 0.11066            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 19.84                | 0.09638            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 15.72                | 0.03733            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 11.54                | 0.01426            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 21.63                | 0.14555            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 21.41                | 0.13836            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 20.80                | 0.12023            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 20.88                | 0.12246            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 12.11                | 0.01626            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 21.54                | 0.14256            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 20.92                | 0.12359            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 20.97                | 0.12503            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 12.44                | 0.01754            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 13.71                | 0.02350            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 13.70                | 0.02344            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 10.34                | 0.01081            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 7.04                 | 0.00506            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 14.19                | 0.02624            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 10.78                | 0.01197            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 7.47                 | 0.00558            |



**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_1TX        | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 20.36           | 20.36                | 21.98                | 21.25                |
| 5300MHz                         | Pass   | 8.00        | 20.85           | 20.85                | 21.98                | 21.5                 |
| 5320MHz                         | Pass   | 8.00        | 18.30           | 18.30                | 21.98                | 19                   |
| 5500MHz                         | Pass   | 8.00        | 14.05           | 14.05                | 21.98                | 14.75                |
| 5580MHz                         | Pass   | 8.00        | 21.63           | 21.63                | 21.98                | 22.5                 |
| 5700MHz                         | Pass   | 8.00        | 14.04           | 14.04                | 21.98                | 14.75                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 19.88           | 19.88                | 21.98                | 21.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 13.71           | 13.71                | 28.00                | 21.25                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 20.35           | 20.35                | 21.98                | 21.25                |
| 5300MHz                         | Pass   | 8.00        | 20.39           | 20.39                | 21.98                | 21.25                |
| 5320MHz                         | Pass   | 8.00        | 17.27           | 17.27                | 21.98                | 17.75                |
| 5500MHz                         | Pass   | 8.00        | 15.04           | 15.04                | 21.98                | 15.75                |
| 5580MHz                         | Pass   | 8.00        | 21.41           | 21.41                | 21.98                | 22.25                |
| 5700MHz                         | Pass   | 8.00        | 11.59           | 11.59                | 21.98                | 12.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 19.38           | 19.38                | 21.98                | 20.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 13.70           | 13.70                | 28.00                | 20.75                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 19.66           | 19.66                | 21.98                | 20.25                |
| 5310MHz                         | Pass   | 8.00        | 15.01           | 15.01                | 21.98                | 16                   |
| 5510MHz                         | Pass   | 8.00        | 14.30           | 14.30                | 21.98                | 15                   |
| 5550MHz                         | Pass   | 8.00        | 20.80           | 20.80                | 21.98                | 21.25                |
| 5670MHz                         | Pass   | 8.00        | 16.25           | 16.25                | 21.98                | 17.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 20.21           | 20.21                | 21.98                | 21.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 10.34           | 10.34                | 28.00                | 21.25                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 15.44           | 15.44                | 21.98                | 16.25                |
| 5530MHz                         | Pass   | 8.00        | 14.44           | 14.44                | 21.98                | 15.25                |
| 5610MHz                         | Pass   | 8.00        | 19.11           | 19.11                | 21.98                | 19.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 20.88           | 20.88                | 21.98                | 21.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 7.04            | 7.04                 | 28.00                | 21.5                 |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 11.49           | 11.49                | 28.00                | 14.75                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 11.53           | 11.53                | 21.98                | 14.75                |
| 5570MHz                         | Pass   | 8.00        | 12.11           | 12.11                | 21.98                | 13                   |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 20.36           | 20.36                | 21.98                | 21.25                |
| 5300MHz                         | Pass   | 8.00        | 20.44           | 20.44                | 21.98                | 21.25                |
| 5320MHz                         | Pass   | 8.00        | 17.31           | 17.31                | 21.98                | 17.75                |
| 5500MHz                         | Pass   | 8.00        | 15.05           | 15.05                | 21.98                | 15.75                |
| 5580MHz                         | Pass   | 8.00        | 21.54           | 21.54                | 21.98                | 22.25                |
| 5700MHz                         | Pass   | 8.00        | 11.63           | 11.63                | 21.98                | 12.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 19.45           | 19.45                | 21.98                | 20.75                |



## Average Power\_Radio 2 / External Antenna 7

## Appendix B.6

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 14.19           | 14.19                | 28.00                | 20.75                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 19.84           | 19.84                | 21.98                | 20.25                |
| 5310MHz                         | Pass   | 8.00        | 15.35           | 15.35                | 21.98                | 16                   |
| 5510MHz                         | Pass   | 8.00        | 14.36           | 14.36                | 21.98                | 15                   |
| 5550MHz                         | Pass   | 8.00        | 20.92           | 20.92                | 21.98                | 21.25                |
| 5670MHz                         | Pass   | 8.00        | 16.31           | 16.31                | 21.98                | 17.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 20.32           | 20.32                | 21.98                | 21.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 10.78           | 10.78                | 28.00                | 21.25                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 15.72           | 15.72                | 21.98                | 16.25                |
| 5530MHz                         | Pass   | 8.00        | 14.49           | 14.49                | 21.98                | 15.25                |
| 5610MHz                         | Pass   | 8.00        | 19.34           | 19.34                | 21.98                | 19.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 20.97           | 20.97                | 21.98                | 21.5                 |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 7.47            | 7.47                 | 28.00                | 21.5                 |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 11.54           | 11.54                | 28.00                | 14.75                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 11.54           | 11.54                | 21.98                | 14.75                |
| 5570MHz                         | Pass   | 8.00        | 12.44           | 12.44                | 21.98                | 13                   |

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

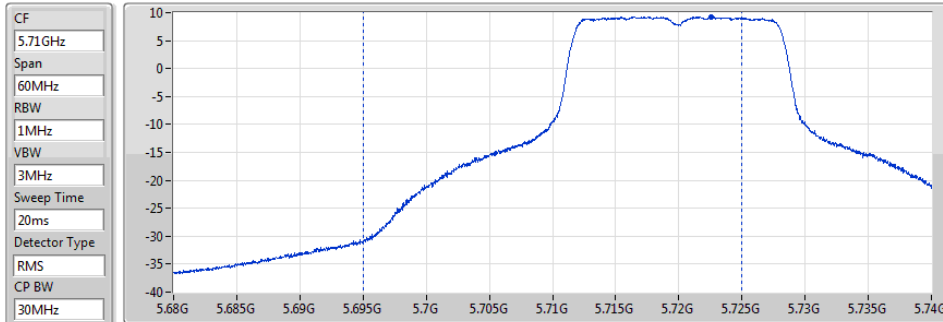
**Note** : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

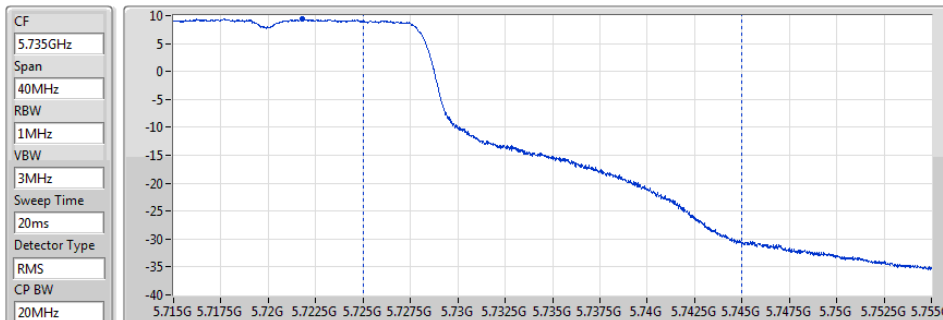


### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

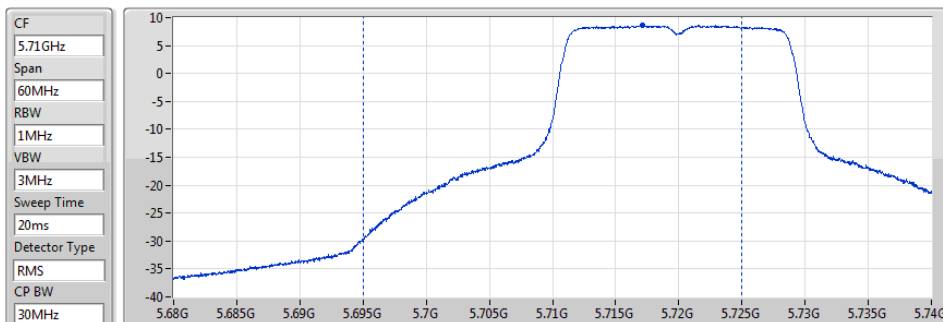


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

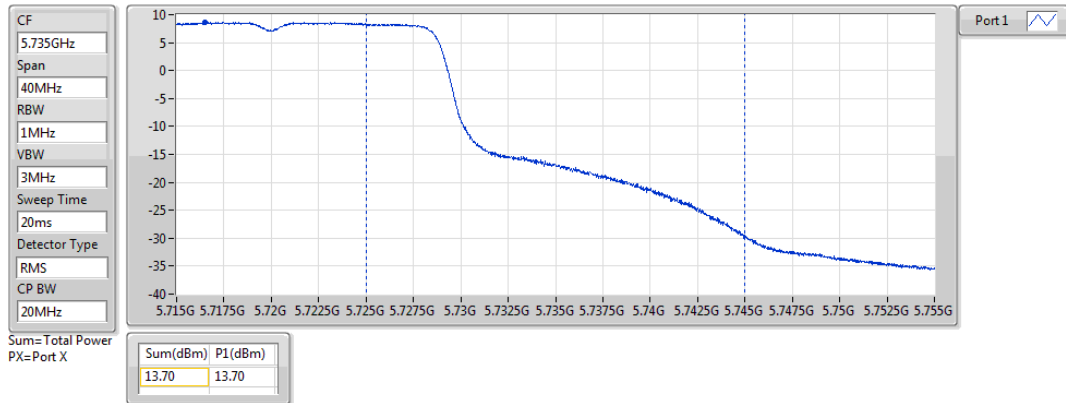


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

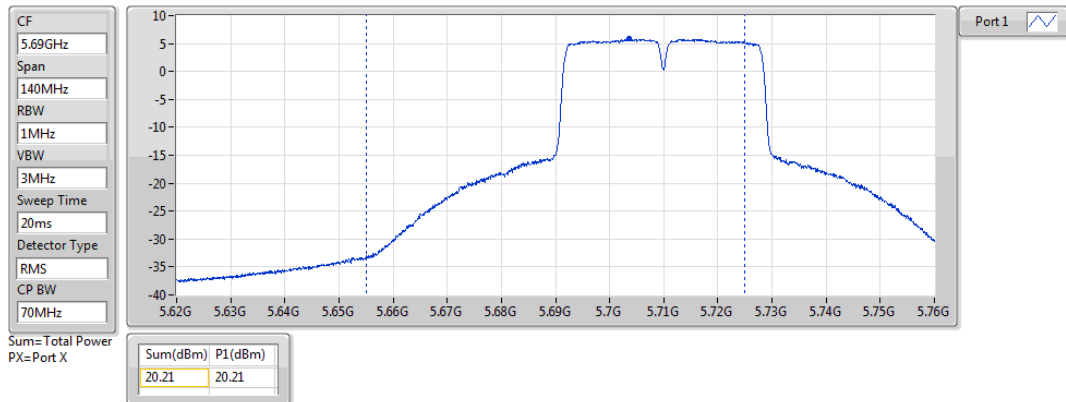


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

02/11/2019

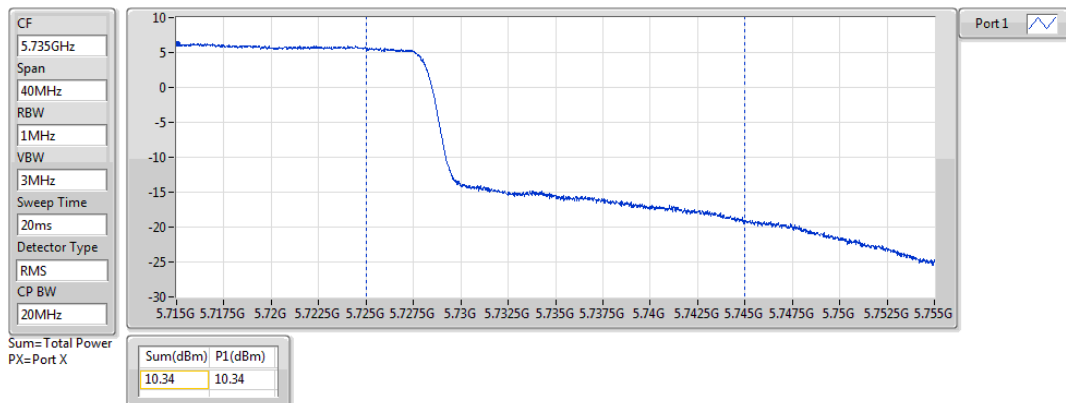


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

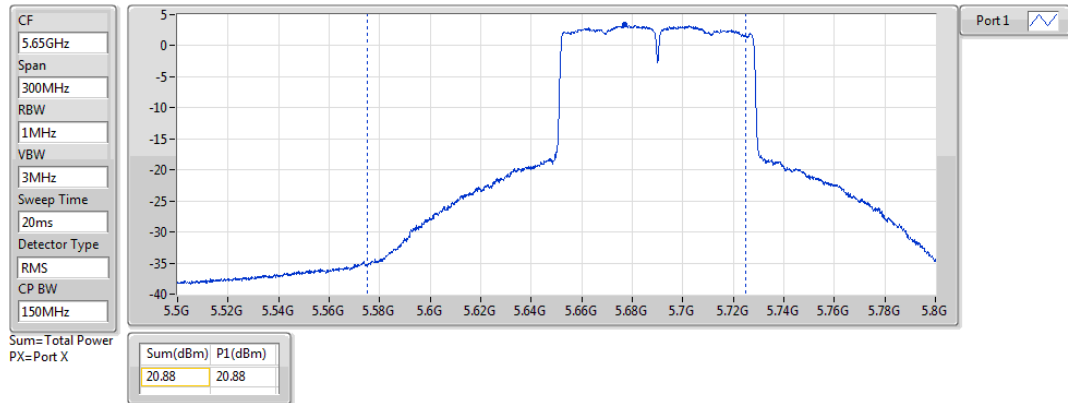
02/11/2019



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

### AV Power

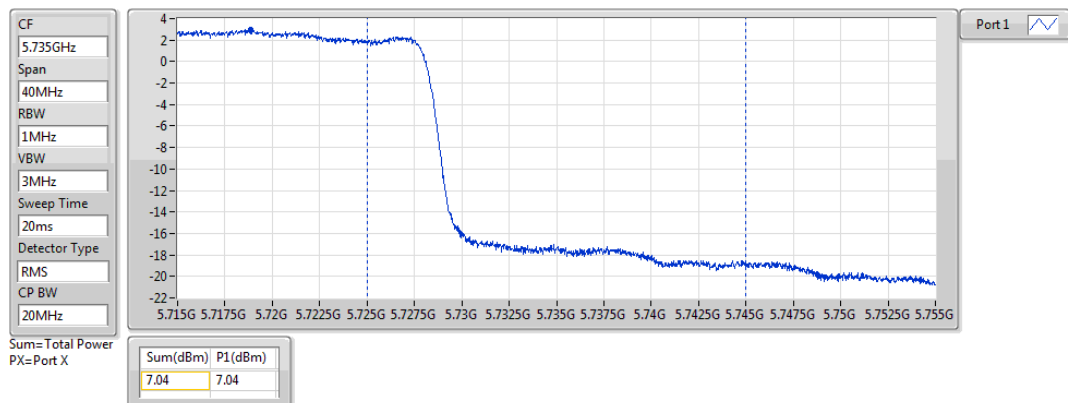
#### 5690MHz Straddle 5.47-5.725GHz



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

### AV Power

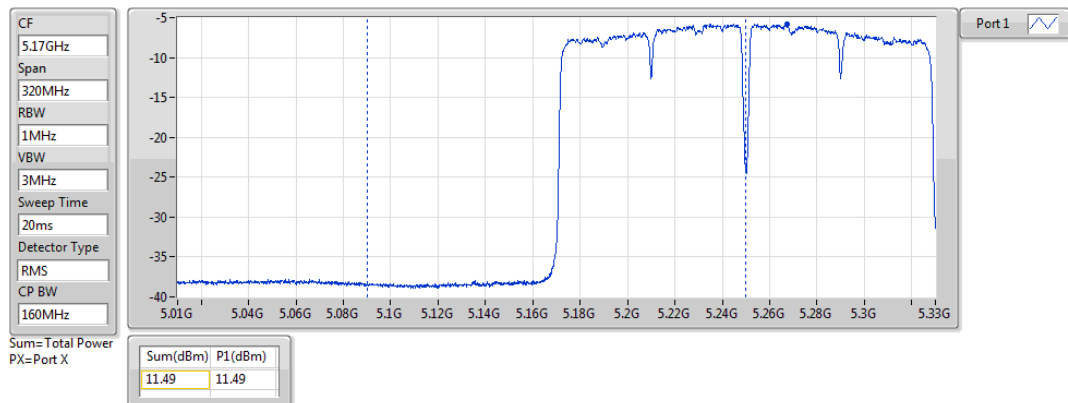
#### 5690MHz Straddle 5.725-5.85GHz



### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

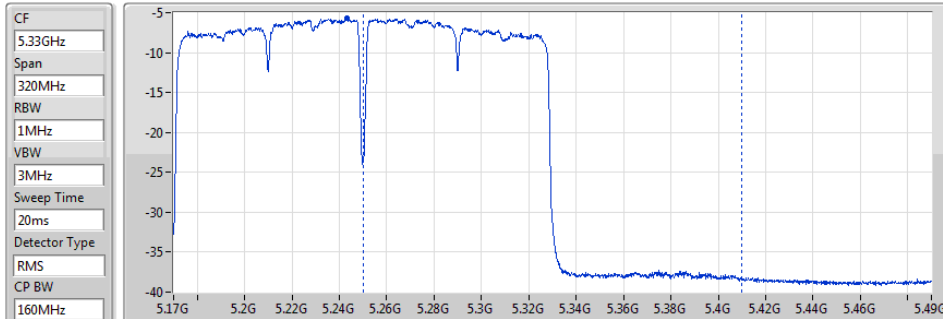


### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

02/11/2019



Sum=Total Power  
PX=Port X

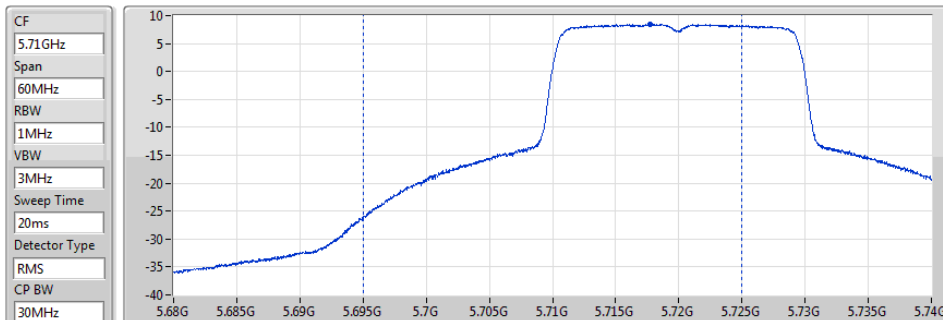
| Sum(dBm) | P1(dBm) |
|----------|---------|
| 11.53    | 11.53   |

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019



Sum=Total Power  
PX=Port X

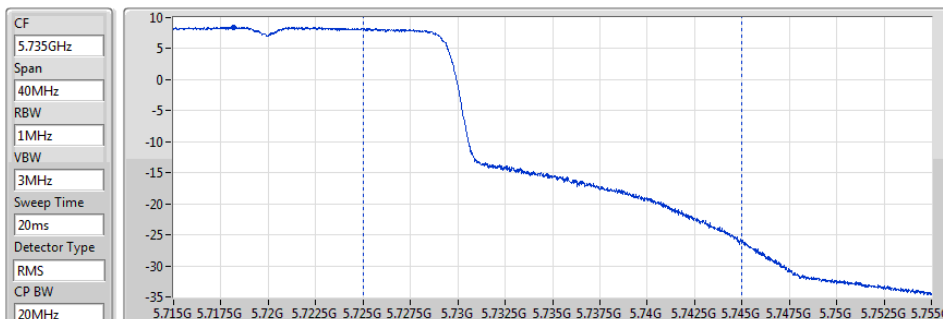
| Sum(dBm) | P1(dBm) |
|----------|---------|
| 19.45    | 19.45   |

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

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019



Sum=Total Power  
PX=Port X

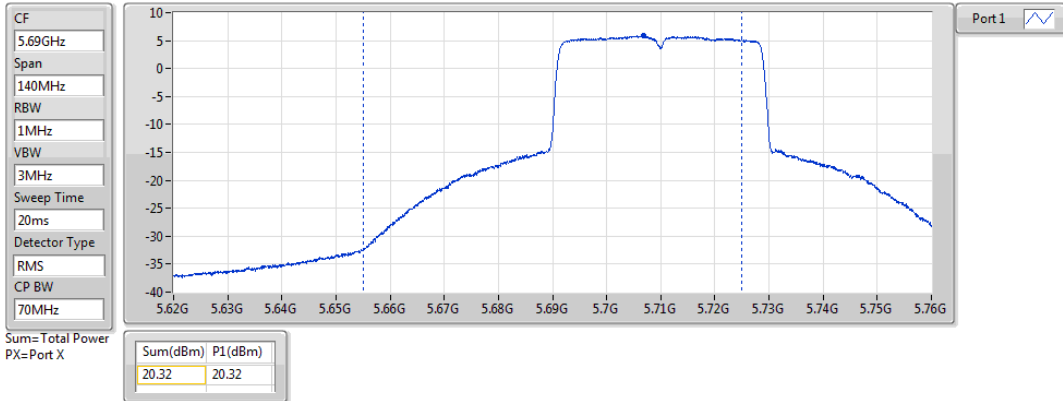
| Sum(dBm) | P1(dBm) |
|----------|---------|
| 14.19    | 14.19   |

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

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

02/11/2019

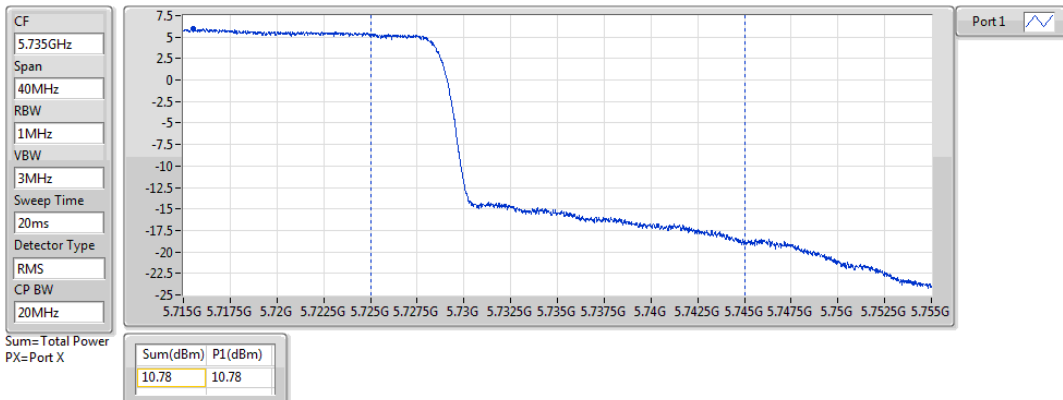


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

02/11/2019

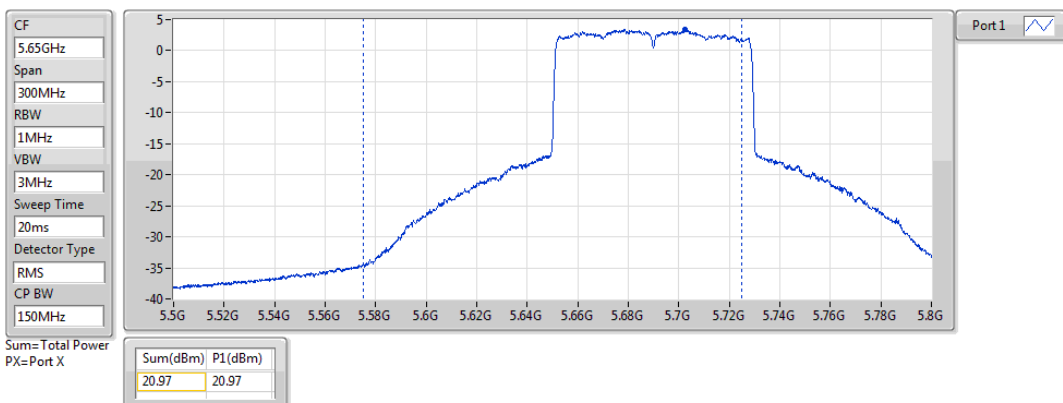


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

02/11/2019

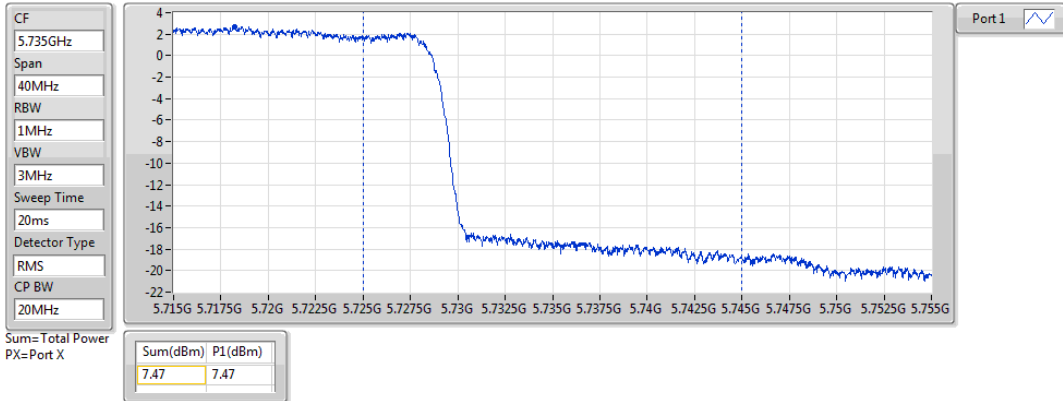


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

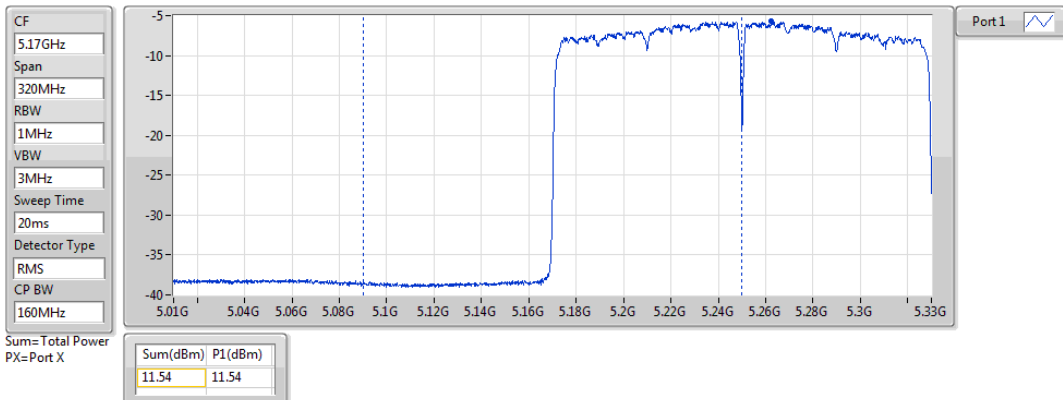


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

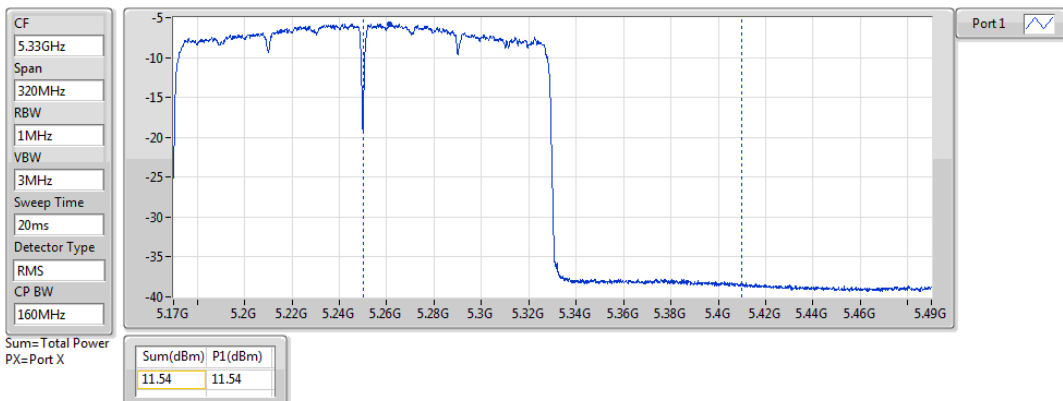


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 12.04                | 0.01600            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 12.33                | 0.01710            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 18.66                | 0.07345            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 21.80                | 0.15136            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 21.84                | 0.15276            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 15.60                | 0.03631            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 12.01                | 0.01589            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 21.95                | 0.15668            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 21.96                | 0.15704            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 15.91                | 0.03899            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 12.35                | 0.01718            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 18.57                | 0.07194            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 21.85                | 0.15311            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 21.59                | 0.14421            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 21.71                | 0.14825            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 13.87                | 0.02438            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 21.96                | 0.15704            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 21.90                | 0.15488            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 21.89                | 0.15453            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 14.15                | 0.02600            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 11.67                | 0.01469            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 14.98                | 0.03148            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 11.12                | 0.01294            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 7.73                 | 0.00593            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 15.53                | 0.03573            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 12.18                | 0.01652            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 8.58                 | 0.00721            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_2TX        | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 15.23           | 15.57           | 18.41                | 21.98                | 16.25                |
| 5300MHz                         | Pass   | 8.00        | 15.35           | 15.66           | 18.52                | 21.98                | 16.25                |
| 5320MHz                         | Pass   | 8.00        | 15.57           | 15.72           | 18.66                | 21.98                | 16.25                |
| 5500MHz                         | Pass   | 8.00        | 12.95           | 13.26           | 16.12                | 21.98                | 13.75                |
| 5580MHz                         | Pass   | 8.00        | 15.13           | 15.95           | 18.57                | 21.98                | 16.25                |
| 5700MHz                         | Pass   | 8.00        | 12.65           | 13.22           | 15.95                | 21.98                | 13.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 14.68           | 14.93           | 17.82                | 20.94                | 16                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 8.63            | 8.68            | 11.67                | 28.00                | 16                   |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 18.52           | 18.96           | 21.76                | 21.98                | 19.25                |
| 5300MHz                         | Pass   | 8.00        | 18.51           | 19.05           | 21.80                | 21.98                | 19.25                |
| 5320MHz                         | Pass   | 8.00        | 15.63           | 15.87           | 18.76                | 21.98                | 16.25                |
| 5500MHz                         | Pass   | 8.00        | 14.42           | 14.79           | 17.62                | 21.98                | 15.25                |
| 5580MHz                         | Pass   | 8.00        | 18.55           | 19.12           | 21.85                | 21.98                | 19.25                |
| 5700MHz                         | Pass   | 8.00        | 12.38           | 12.98           | 15.70                | 21.98                | 13.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 17.30           | 17.98           | 20.66                | 21.28                | 18.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 11.55           | 12.36           | 14.98                | 28.00                | 18.75                |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 18.75           | 18.91           | 21.84                | 21.98                | 19.25                |
| 5310MHz                         | Pass   | 8.00        | 13.38           | 13.64           | 16.52                | 21.98                | 14.25                |
| 5510MHz                         | Pass   | 8.00        | 12.03           | 12.57           | 15.32                | 21.98                | 12.75                |
| 5550MHz                         | Pass   | 8.00        | 18.22           | 18.65           | 21.45                | 21.98                | 18.75                |
| 5670MHz                         | Pass   | 8.00        | 12.13           | 12.86           | 15.52                | 21.98                | 13.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 18.34           | 18.80           | 21.59                | 21.98                | 19.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 7.75            | 8.44            | 11.12                | 28.00                | 19.25                |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 12.48           | 12.69           | 15.60                | 21.98                | 13.5                 |
| 5530MHz                         | Pass   | 8.00        | 12.76           | 13.24           | 16.02                | 21.98                | 13.75                |
| 5610MHz                         | Pass   | 8.00        | 16.91           | 17.52           | 20.24                | 21.98                | 17.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 18.48           | 18.90           | 21.71                | 21.98                | 18.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 4.24            | 5.16            | 7.73                 | 28.00                | 18.75                |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 8.80            | 9.24            | 12.04                | 28.00                | 12.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 8.86            | 9.14            | 12.01                | 21.98                | 12.25                |
| 5570MHz                         | Pass   | 8.00        | 10.59           | 11.12           | 13.87                | 21.98                | 11.5                 |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 18.68           | 19.08           | 21.89                | 21.98                | 19.25                |
| 5300MHz                         | Pass   | 8.00        | 18.74           | 19.14           | 21.95                | 21.98                | 19.25                |
| 5320MHz                         | Pass   | 8.00        | 15.81           | 16.09           | 18.96                | 21.98                | 16.25                |
| 5500MHz                         | Pass   | 8.00        | 14.64           | 15.11           | 17.89                | 21.98                | 15.25                |
| 5580MHz                         | Pass   | 8.00        | 18.70           | 19.19           | 21.96                | 21.98                | 19.25                |
| 5700MHz                         | Pass   | 8.00        | 12.71           | 13.13           | 15.94                | 21.98                | 13.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 17.55           | 18.02           | 20.80                | 21.01                | 18.75                |



## Average Power\_Radio 2 / External Antenna 7

## Appendix B.7

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 12.13           | 12.87           | 15.53                | 28.00                | 18.75                |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 18.91           | 18.98           | 21.96                | 21.98                | 19.25                |
| 5310MHz                         | Pass   | 8.00        | 13.53           | 13.75           | 16.65                | 21.98                | 14.25                |
| 5510MHz                         | Pass   | 8.00        | 12.16           | 12.64           | 15.42                | 21.98                | 12.75                |
| 5550MHz                         | Pass   | 8.00        | 18.34           | 18.88           | 21.63                | 21.98                | 18.75                |
| 5670MHz                         | Pass   | 8.00        | 12.23           | 12.94           | 15.61                | 21.98                | 13.25                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 18.63           | 19.14           | 21.90                | 21.98                | 19.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 8.93            | 9.39            | 12.18                | 28.00                | 19.25                |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 12.78           | 13.01           | 15.91                | 21.98                | 13.5                 |
| 5530MHz                         | Pass   | 8.00        | 13.07           | 13.55           | 16.33                | 21.98                | 13.75                |
| 5610MHz                         | Pass   | 8.00        | 17.07           | 17.59           | 20.35                | 21.98                | 17.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 18.54           | 19.20           | 21.89                | 21.98                | 18.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 5.02            | 6.05            | 8.58                 | 28.00                | 18.75                |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 9.08            | 9.54            | 12.33                | 28.00                | 12.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 9.16            | 9.51            | 12.35                | 21.98                | 12.25                |
| 5570MHz                         | Pass   | 8.00        | 10.86           | 11.40           | 14.15                | 21.98                | 11.5                 |

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

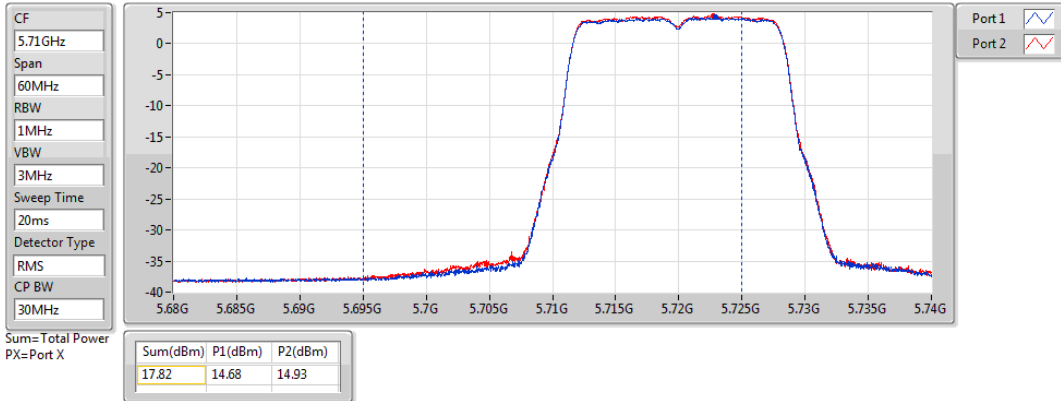
**Note** : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

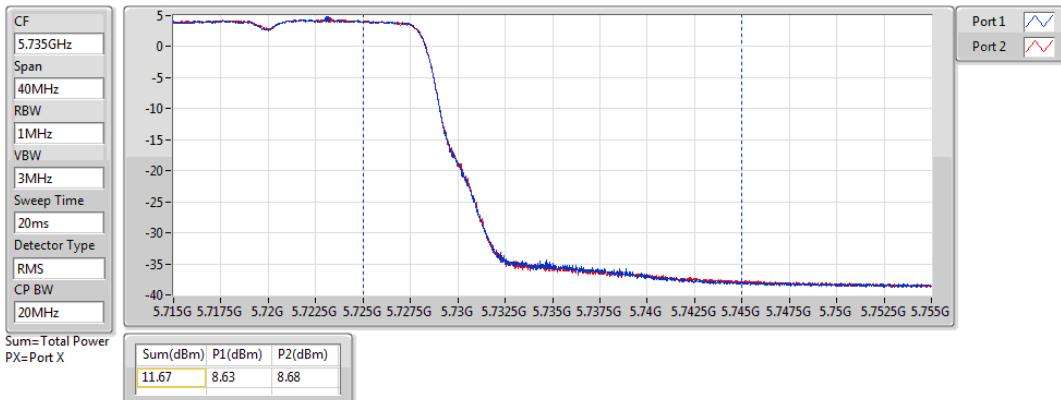


### 802.11a\_Nss1,(6Mbps)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

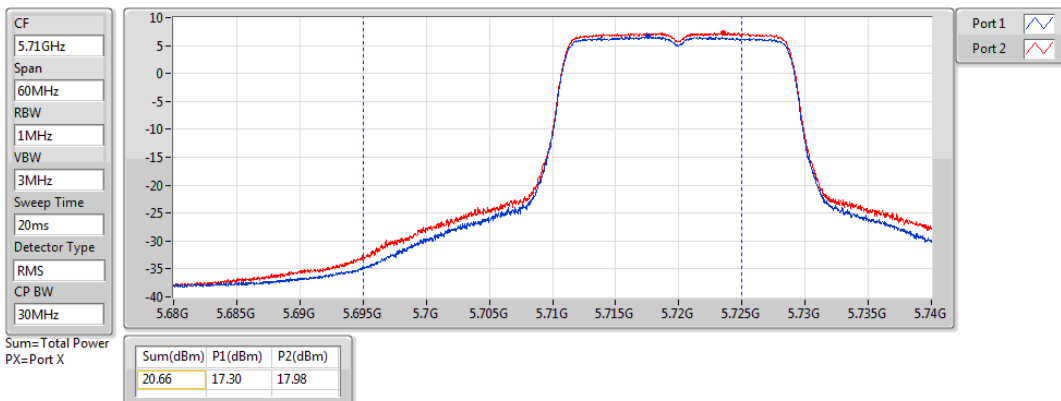


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

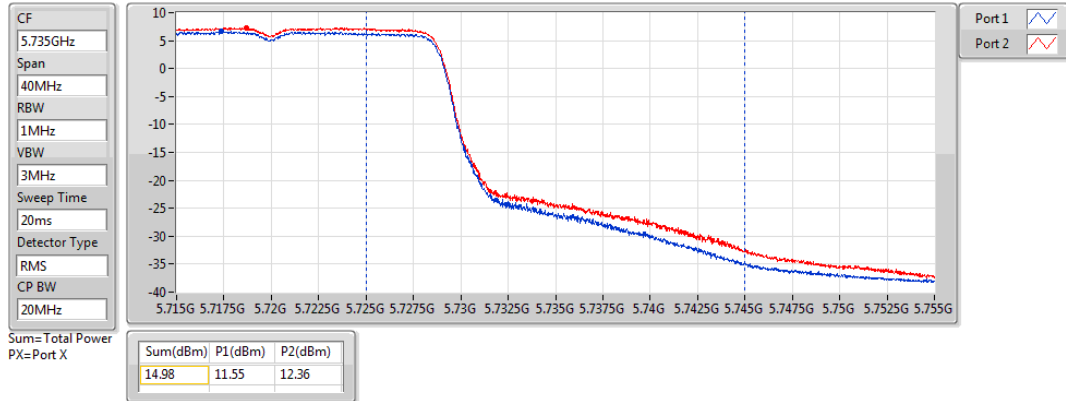


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

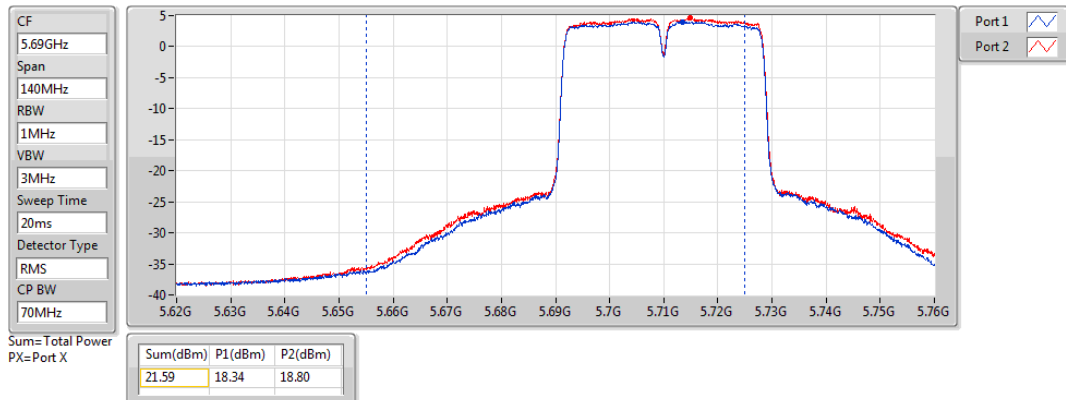


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

02/11/2019

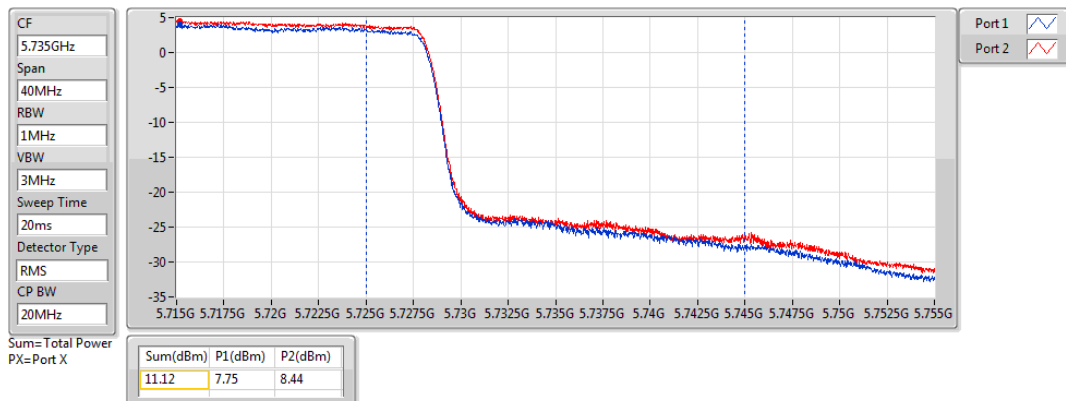


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

02/11/2019

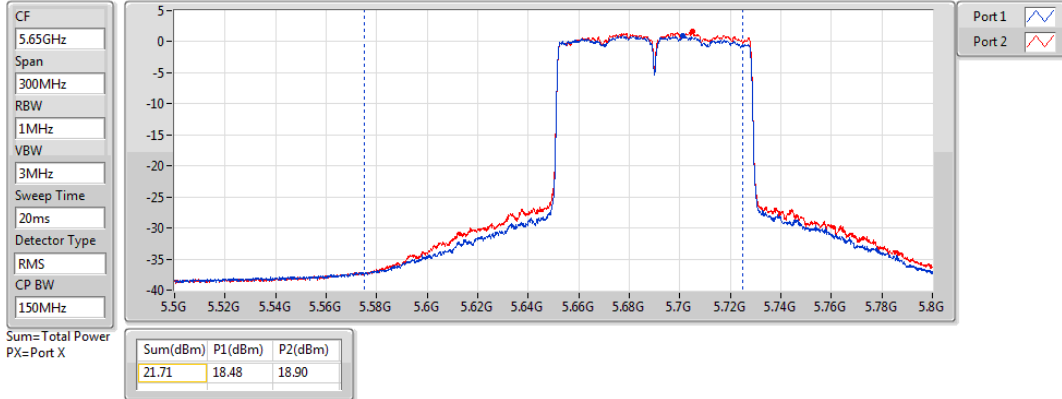


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

02/11/2019

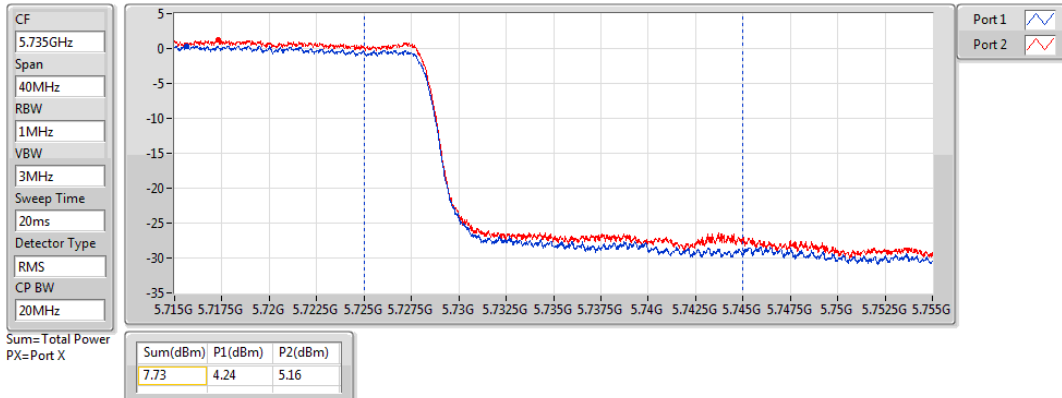


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

02/11/2019

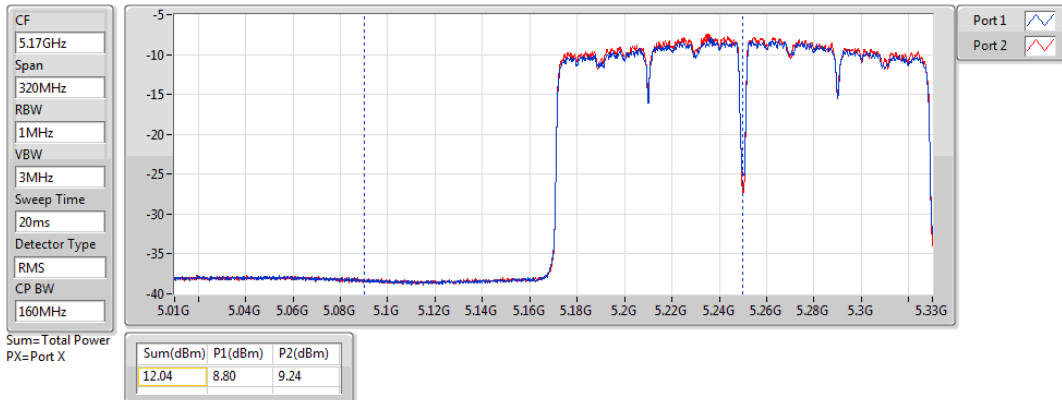


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

02/11/2019

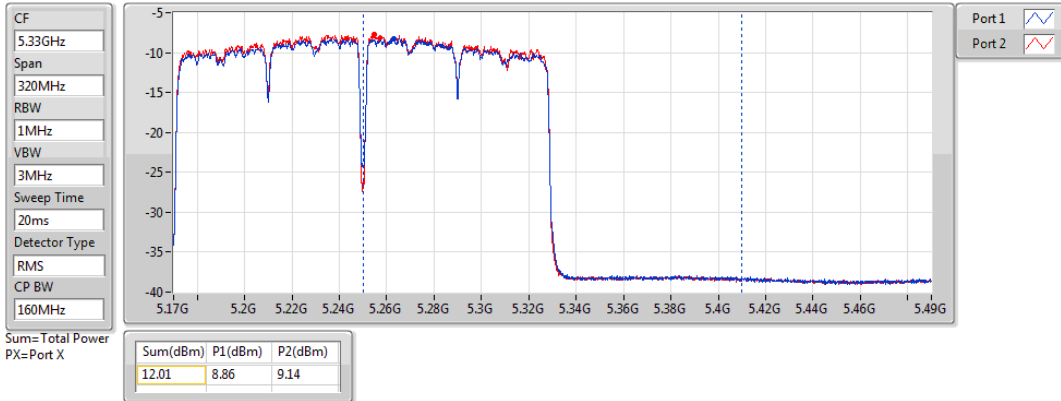


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

02/11/2019

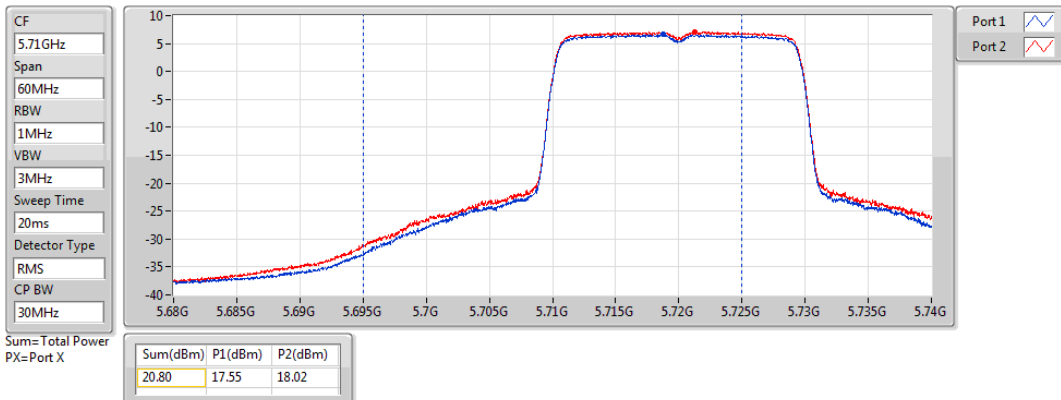


### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

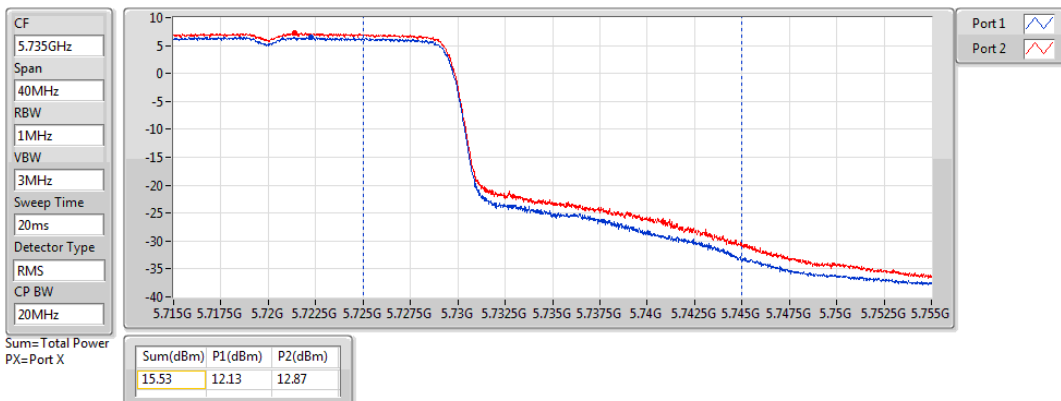


### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

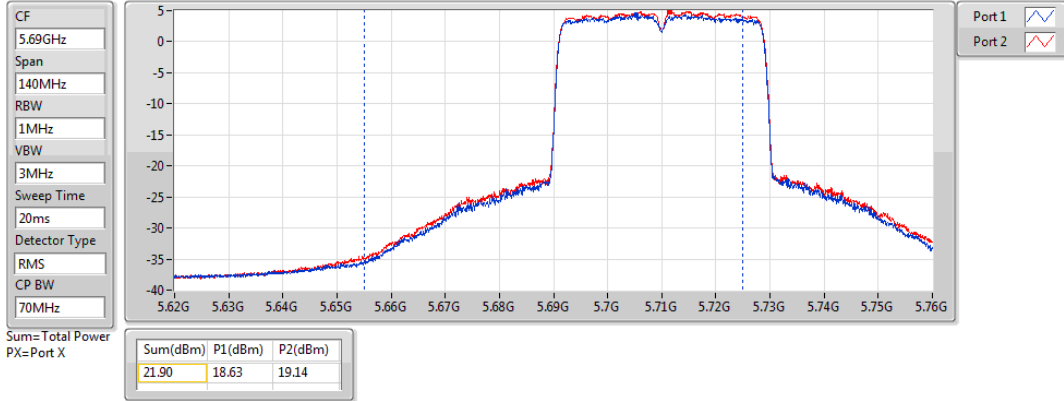


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/11/2019

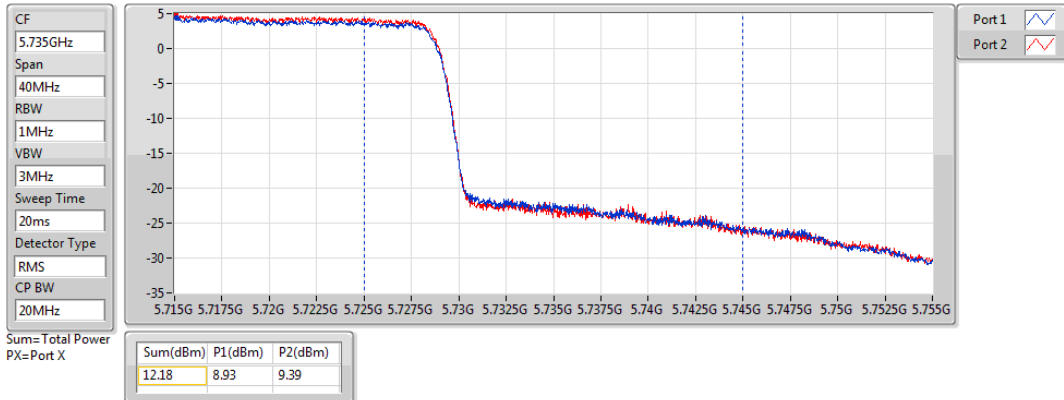


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/11/2019

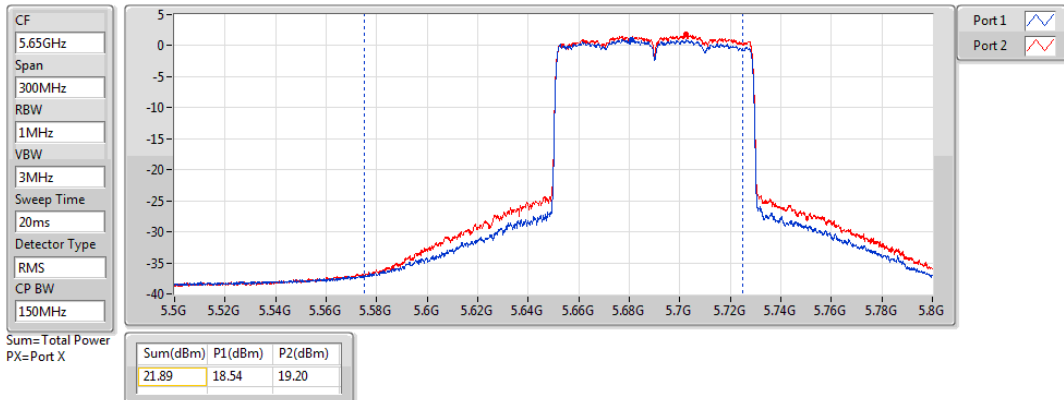


802.11ax HEW80\_Nss2,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/11/2019

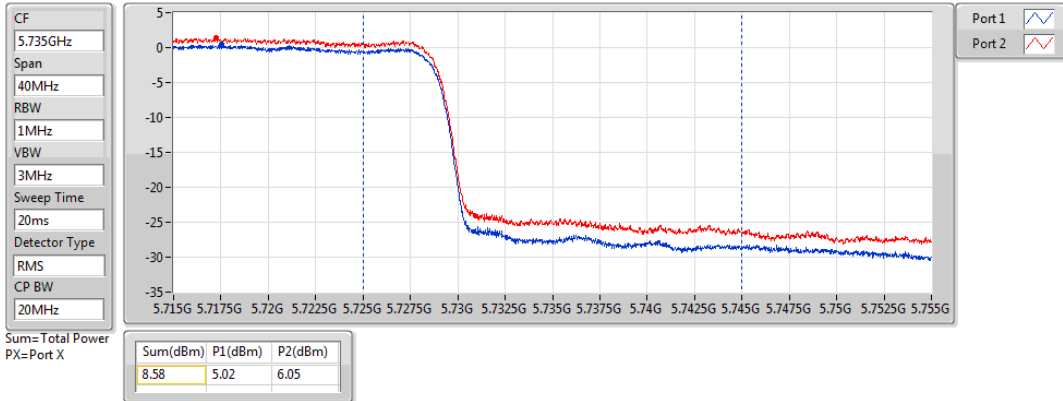


### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

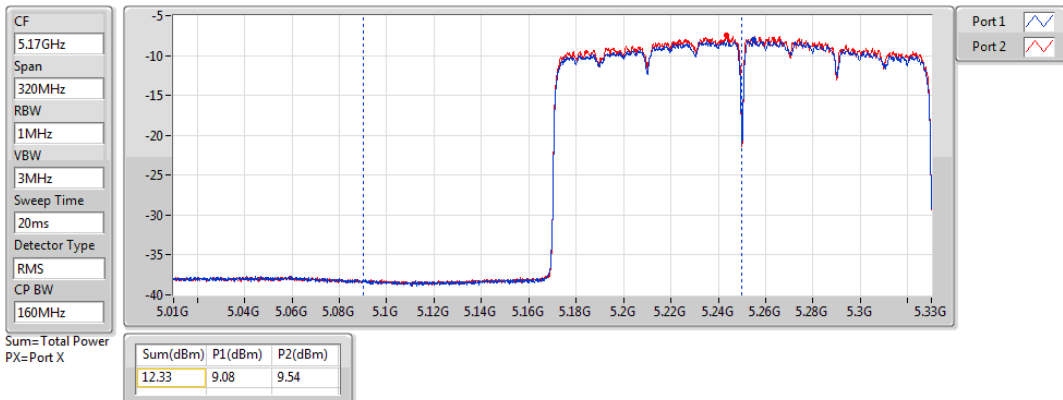


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

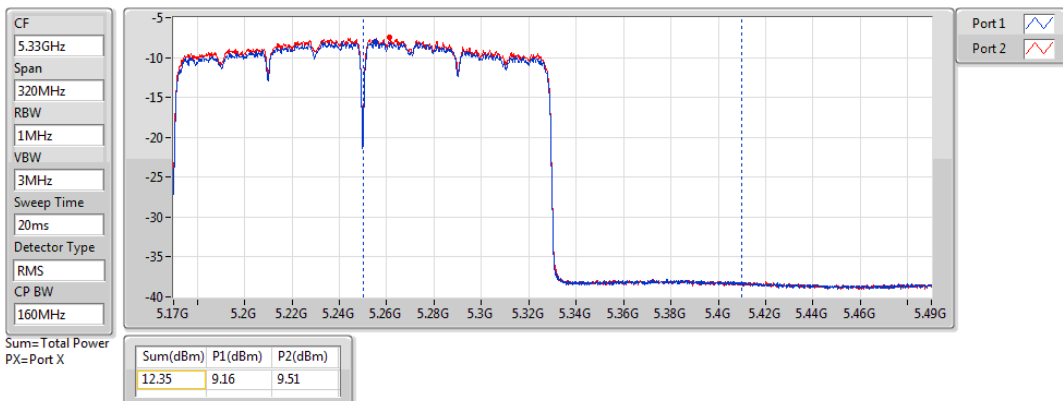


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

### AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 14.11                | 0.02576            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 14.28                | 0.02679            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 15.67                | 0.03690            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 15.99                | 0.03972            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 18.89                | 0.07745            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 18.07                | 0.06412            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 14.14                | 0.02594            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 16.24                | 0.04207            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 19.14                | 0.08204            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 18.36                | 0.06855            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 14.31                | 0.02698            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 15.72                | 0.03733            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 16.05                | 0.04027            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 18.94                | 0.07834            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 21.71                | 0.14825            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 16.22                | 0.04188            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 16.32                | 0.04285            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 19.15                | 0.08222            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 21.96                | 0.15704            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 16.37                | 0.04335            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 8.93                 | 0.00782            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 9.62                 | 0.00916            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 8.41                 | 0.00693            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 7.64                 | 0.00581            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 10.23                | 0.01054            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 9.14                 | 0.00820            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 8.70                 | 0.00741            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_4TX        | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 9.02            | 9.49            | 9.83            | 10.18           | 15.67                | 21.98                | 9.75                 |
| 5300MHz                         | Pass   | 8.00        | 9.07            | 9.59            | 10.04           | 9.74            | 15.64                | 21.98                | 9.75                 |
| 5320MHz                         | Pass   | 8.00        | 9.06            | 9.51            | 9.97            | 9.85            | 15.63                | 21.98                | 9.75                 |
| 5500MHz                         | Pass   | 8.00        | 9.44            | 9.76            | 9.85            | 9.48            | 15.66                | 21.98                | 9.75                 |
| 5580MHz                         | Pass   | 8.00        | 9.05            | 9.72            | 9.98            | 9.79            | 15.67                | 21.98                | 9.75                 |
| 5700MHz                         | Pass   | 8.00        | 9.11            | 9.73            | 9.79            | 10.12           | 15.72                | 21.98                | 9.75                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 8.65            | 9.08            | 9.01            | 9.37            | 15.06                | 20.94                | 9.75                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 2.48            | 2.92            | 3.10            | 3.12            | 8.93                 | 28.00                | 9.75                 |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 9.43            | 9.75            | 10.08           | 10.39           | 15.95                | 21.98                | 10.25                |
| 5300MHz                         | Pass   | 8.00        | 9.65            | 9.87            | 10.26           | 10.09           | 15.99                | 21.98                | 10.25                |
| 5320MHz                         | Pass   | 8.00        | 9.57            | 9.91            | 10.18           | 10.06           | 15.96                | 21.98                | 10.25                |
| 5500MHz                         | Pass   | 8.00        | 9.56            | 10.05           | 10.08           | 10.14           | 15.98                | 21.98                | 10.25                |
| 5580MHz                         | Pass   | 8.00        | 9.31            | 10.13           | 10.19           | 10.25           | 16.01                | 21.98                | 10.25                |
| 5700MHz                         | Pass   | 8.00        | 9.79            | 10.16           | 10.05           | 10.11           | 16.05                | 21.98                | 10.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 8.97            | 9.37            | 9.29            | 9.39            | 15.28                | 21.00                | 10.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 3.27            | 3.61            | 3.68            | 3.83            | 9.62                 | 28.00                | 10.25                |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 12.48           | 12.55           | 12.92           | 13.47           | 18.89                | 21.98                | 13.5                 |
| 5310MHz                         | Pass   | 8.00        | 12.31           | 12.64           | 12.70           | 12.65           | 18.60                | 21.98                | 13.25                |
| 5510MHz                         | Pass   | 8.00        | 12.73           | 12.90           | 13.01           | 12.87           | 18.90                | 21.98                | 13.5                 |
| 5550MHz                         | Pass   | 8.00        | 12.81           | 12.96           | 13.11           | 12.79           | 18.94                | 21.98                | 13.5                 |
| 5670MHz                         | Pass   | 8.00        | 12.30           | 12.93           | 12.72           | 13.12           | 18.80                | 21.98                | 13.5                 |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 12.43           | 12.67           | 12.61           | 13.12           | 18.74                | 21.98                | 13.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 1.99            | 2.38            | 2.38            | 2.78            | 8.41                 | 28.00                | 13.5                 |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 11.82           | 11.98           | 12.05           | 12.34           | 18.07                | 21.98                | 12.75                |
| 5530MHz                         | Pass   | 8.00        | 12.98           | 13.25           | 13.14           | 13.29           | 19.19                | 21.98                | 13.75                |
| 5610MHz                         | Pass   | 8.00        | 15.06           | 15.82           | 15.17           | 15.61           | 21.45                | 21.98                | 16                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.37           | 15.70           | 15.55           | 16.12           | 21.71                | 21.98                | 16                   |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 1.03            | 1.67            | 1.76            | 1.97            | 7.64                 | 28.00                | 16                   |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 7.75            | 7.96            | 8.68            | 7.91            | 14.11                | 28.00                | 11                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 7.64            | 7.92            | 8.60            | 8.24            | 14.14                | 21.98                | 11                   |
| 5570MHz                         | Pass   | 8.00        | 9.85            | 10.42           | 10.27           | 10.22           | 16.22                | 21.98                | 10.75                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 9.59            | 9.98            | 10.30           | 10.73           | 16.19                | 21.98                | 10.25                |
| 5300MHz                         | Pass   | 8.00        | 9.87            | 10.05           | 10.55           | 10.31           | 16.22                | 21.98                | 10.25                |
| 5320MHz                         | Pass   | 8.00        | 9.85            | 10.07           | 10.57           | 10.36           | 16.24                | 21.98                | 10.25                |
| 5500MHz                         | Pass   | 8.00        | 9.83            | 10.26           | 10.36           | 10.15           | 16.18                | 21.98                | 10.25                |
| 5580MHz                         | Pass   | 8.00        | 9.55            | 10.47           | 10.54           | 10.41           | 16.28                | 21.98                | 10.25                |
| 5700MHz                         | Pass   | 8.00        | 10.02           | 10.32           | 10.29           | 10.54           | 16.32                | 21.98                | 10.25                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 9.24            | 9.51            | 9.46            | 9.65            | 15.49                | 20.97                | 10.25                |



## Average Power\_Radio 2 / External Antenna 7

## Appendix B.8

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 3.89            | 4.35            | 4.32            | 4.25            | 10.23                | 28.00                | 10.25                |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 12.72           | 12.93           | 13.20           | 13.58           | 19.14                | 21.98                | 13.5                 |
| 5310MHz                         | Pass   | 8.00        | 12.49           | 12.75           | 13.08           | 12.91           | 18.83                | 21.98                | 13.25                |
| 5510MHz                         | Pass   | 8.00        | 13.01           | 13.19           | 13.26           | 13.06           | 19.15                | 21.98                | 13.5                 |
| 5550MHz                         | Pass   | 8.00        | 12.96           | 13.14           | 13.27           | 13.05           | 19.13                | 21.98                | 13.5                 |
| 5670MHz                         | Pass   | 8.00        | 12.43           | 13.21           | 12.79           | 13.26           | 18.96                | 21.98                | 13.5                 |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 12.63           | 12.86           | 12.81           | 13.31           | 18.93                | 21.98                | 13.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 2.75            | 3.07            | 3.16            | 3.48            | 9.14                 | 28.00                | 13.5                 |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 12.09           | 12.40           | 12.28           | 12.56           | 18.36                | 21.98                | 12.75                |
| 5530MHz                         | Pass   | 8.00        | 13.22           | 13.70           | 13.37           | 13.69           | 19.52                | 21.98                | 13.75                |
| 5610MHz                         | Pass   | 8.00        | 15.37           | 16.21           | 15.43           | 15.91           | 21.76                | 21.98                | 16                   |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.57           | 16.03           | 15.86           | 16.26           | 21.96                | 21.98                | 16                   |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 2.01            | 2.73            | 2.81            | 3.11            | 8.70                 | 28.00                | 16                   |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 7.81            | 8.12            | 8.91            | 8.13            | 14.28                | 28.00                | 11                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 7.84            | 8.05            | 8.77            | 8.42            | 14.31                | 21.98                | 11                   |
| 5570MHz                         | Pass   | 8.00        | 10.08           | 10.54           | 10.41           | 10.34           | 16.37                | 21.98                | 10.75                |

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

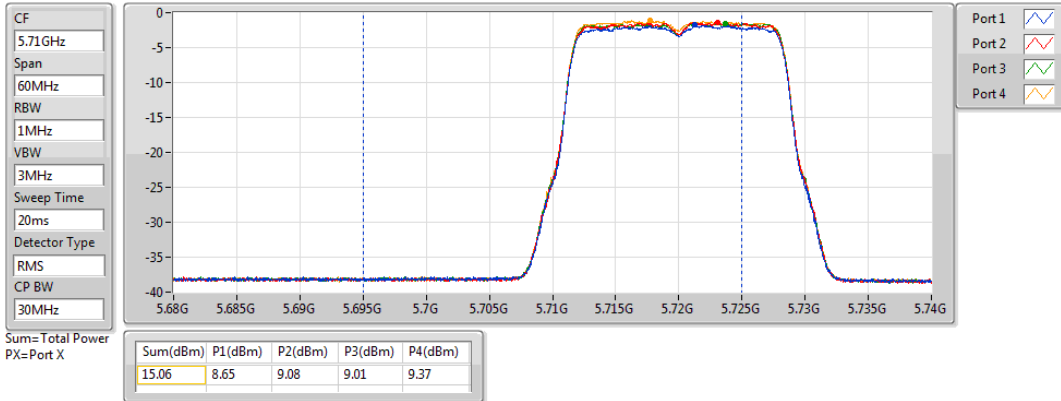
Note : Conducted setting = Pass conducted setting division 4

### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

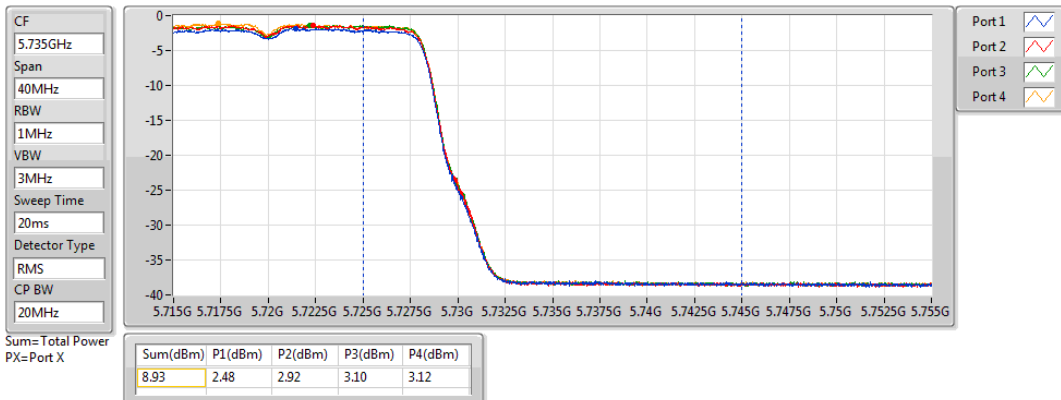


### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

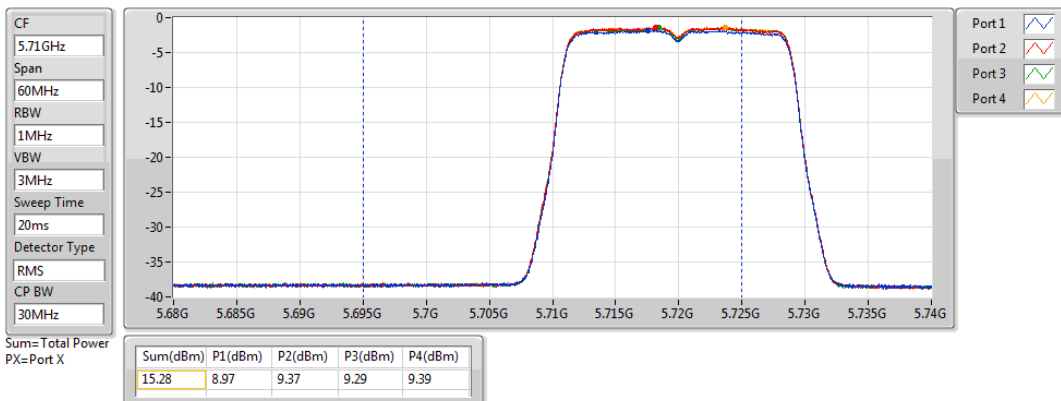


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

03/11/2019

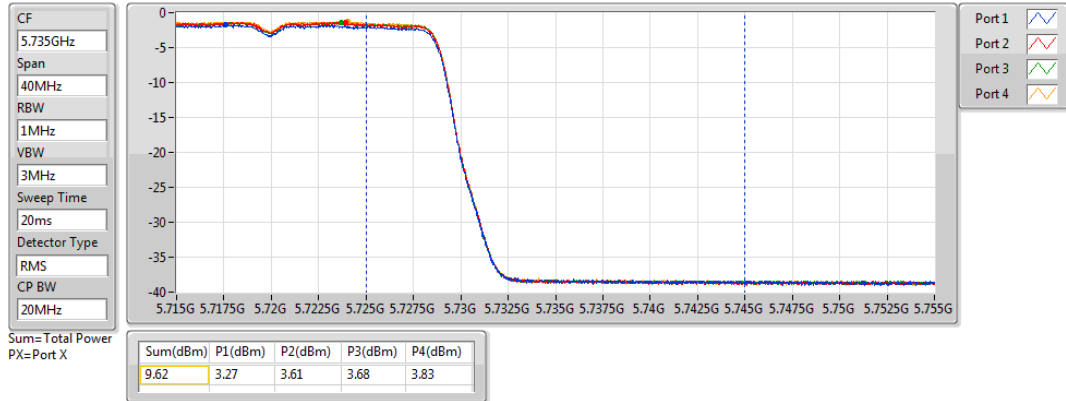


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

03/11/2019

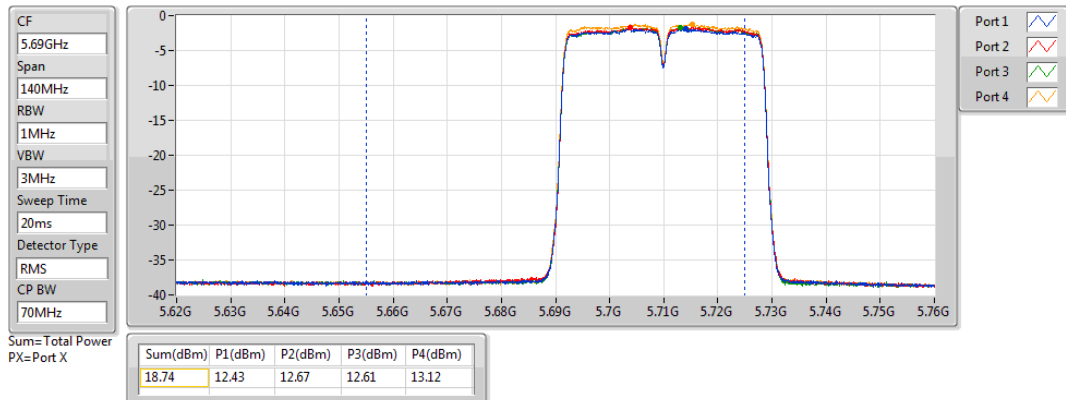


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

03/11/2019

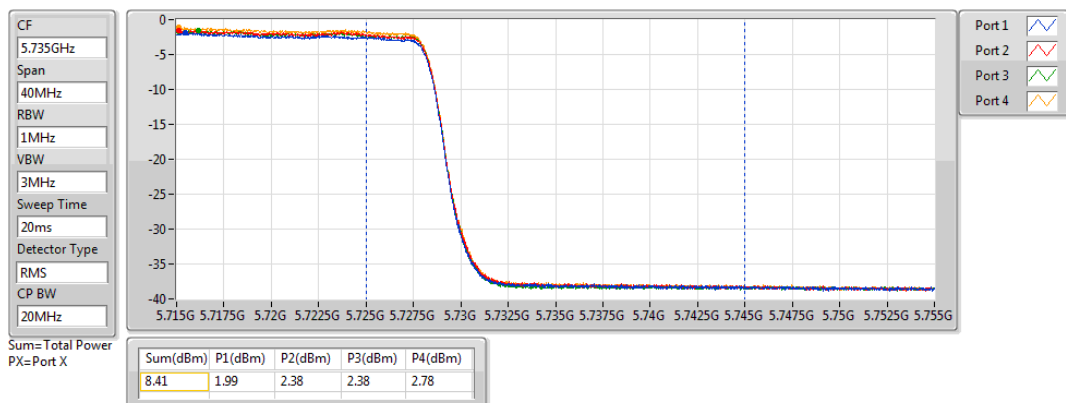


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

03/11/2019

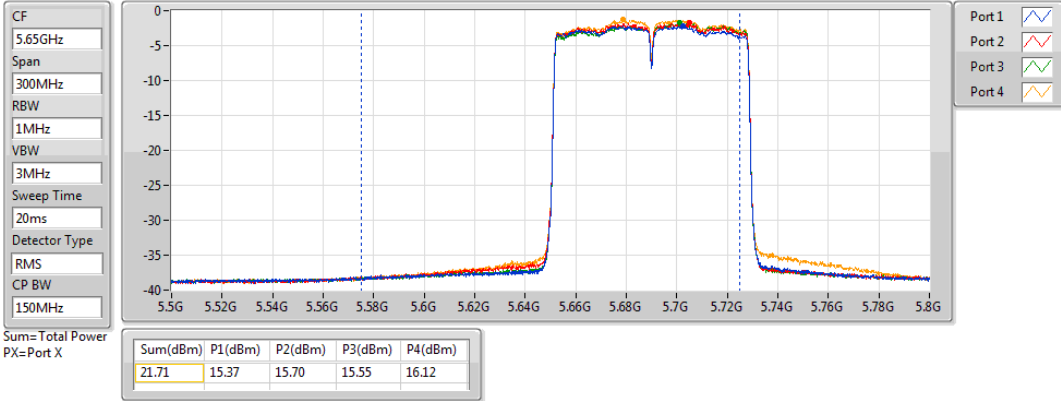


802.11ac VHT80\_Nss1,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/11/2019

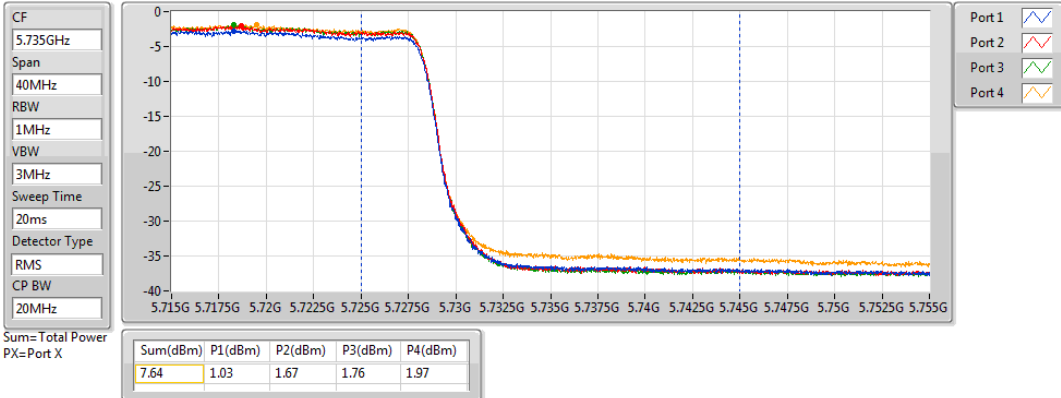


802.11ac VHT80\_Nss1,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

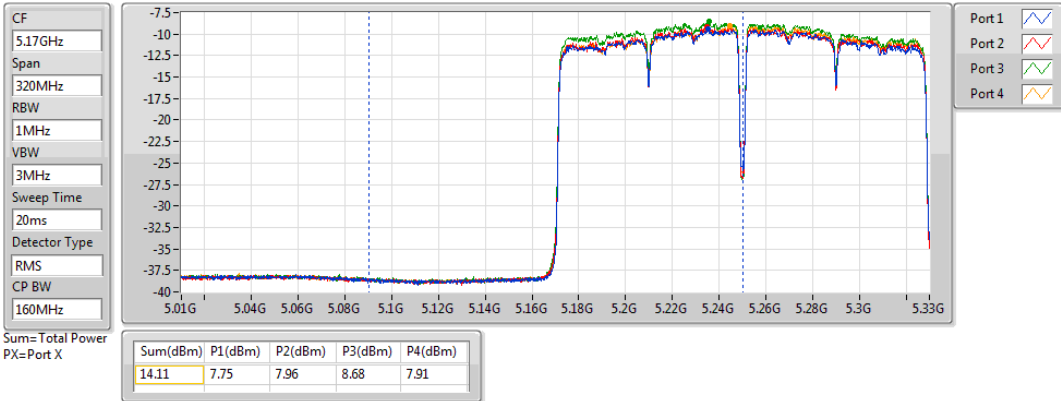


802.11ac VHT160\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

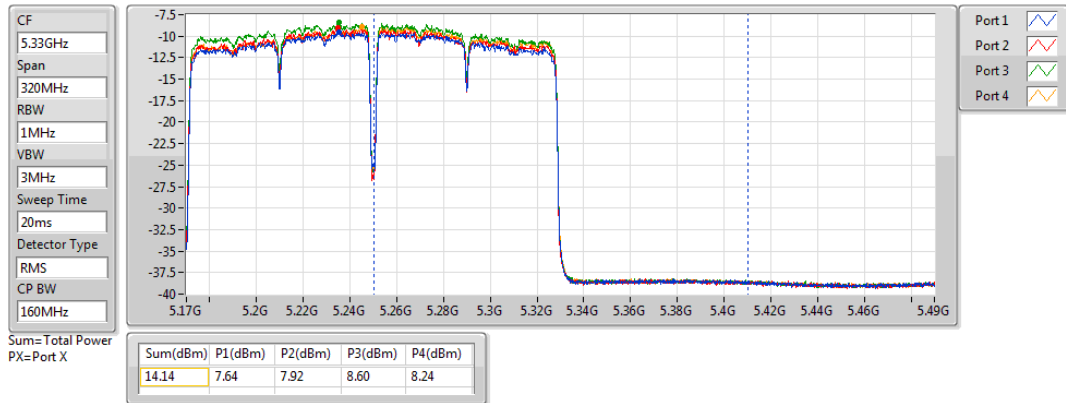


### 802.11ac VHT160\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

03/11/2019

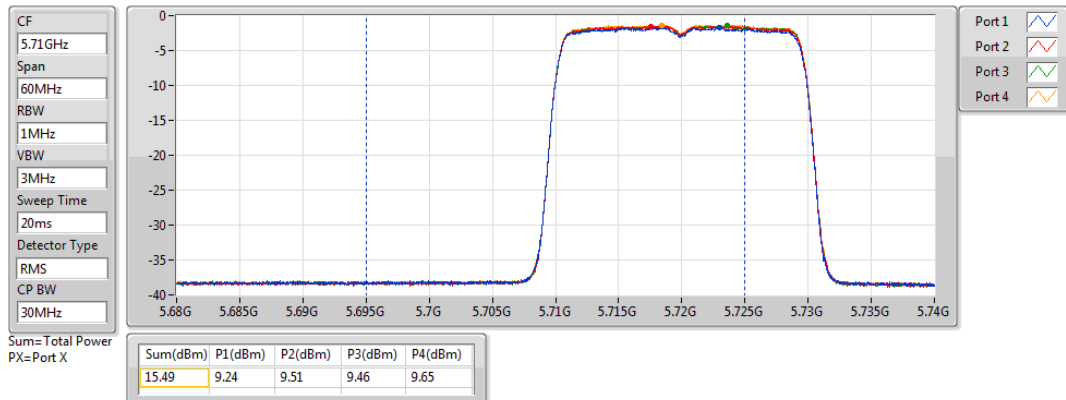


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

02/11/2019

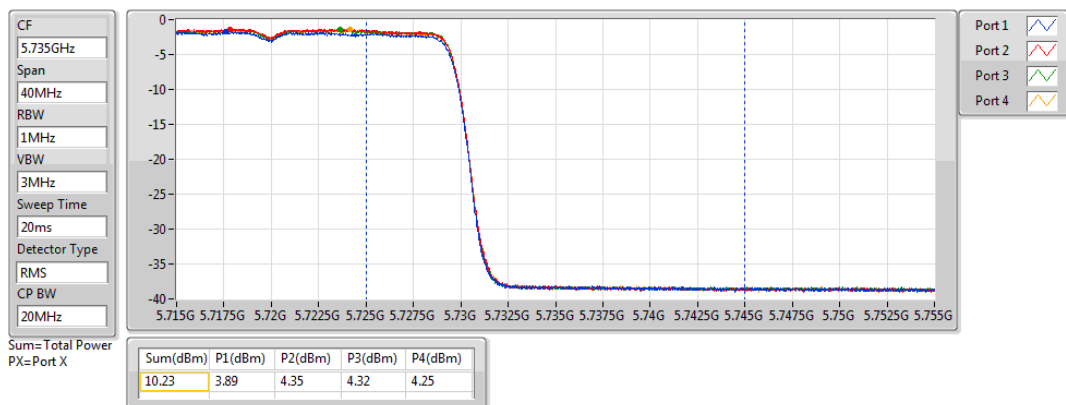


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

02/11/2019

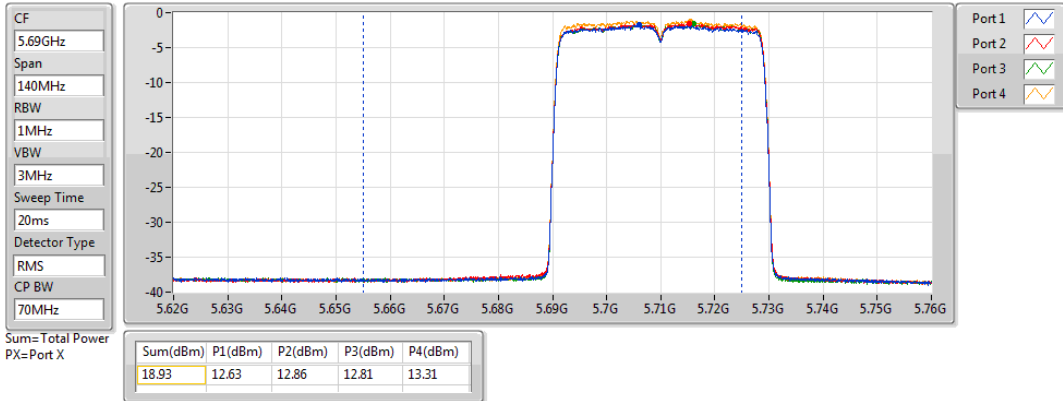


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

03/11/2019

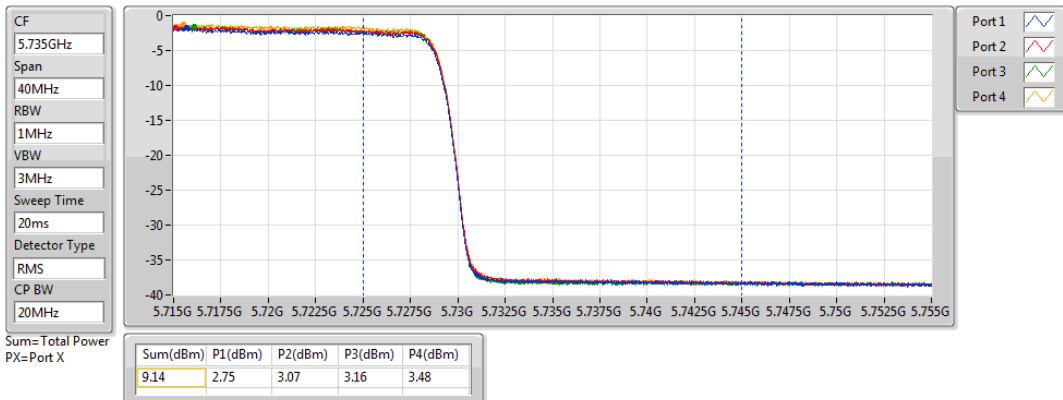


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

03/11/2019

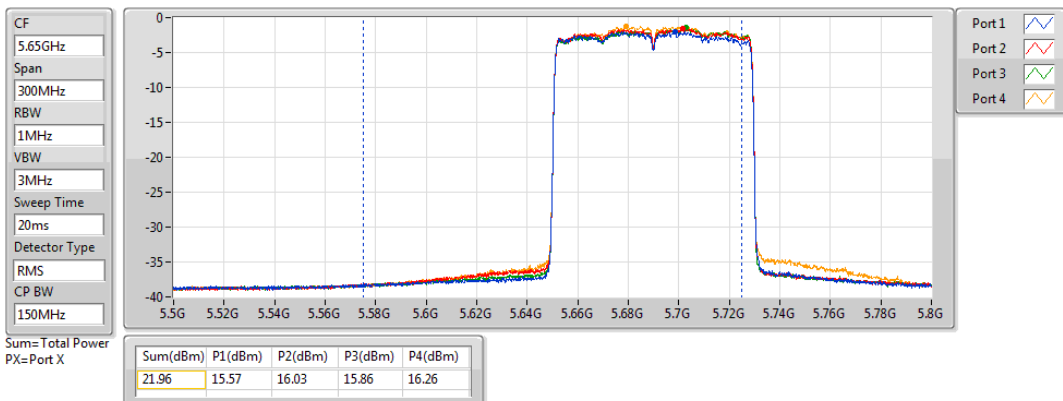


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

03/11/2019

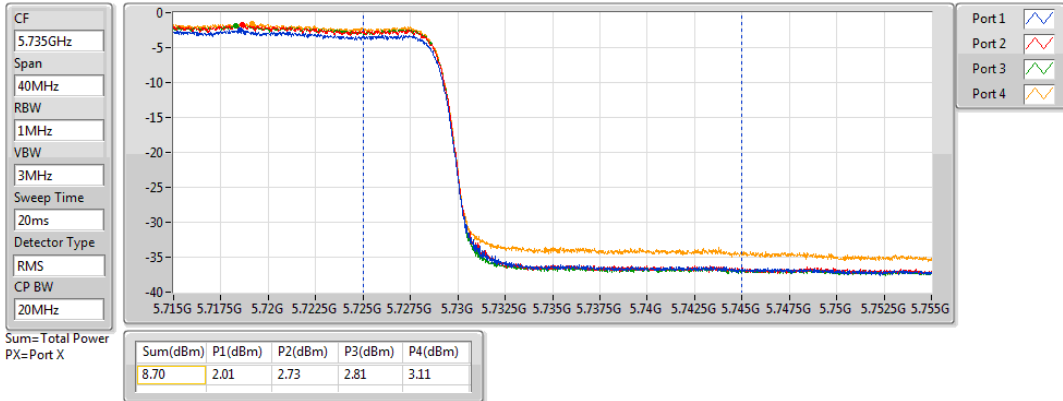


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

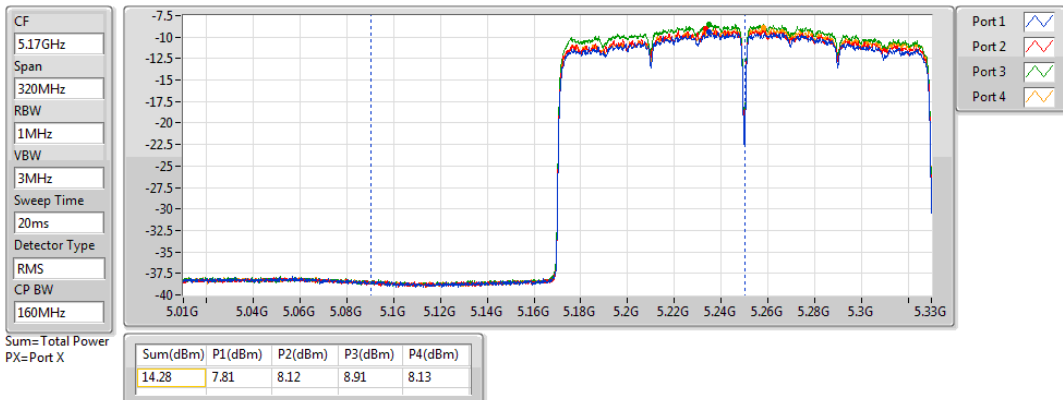


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

## AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

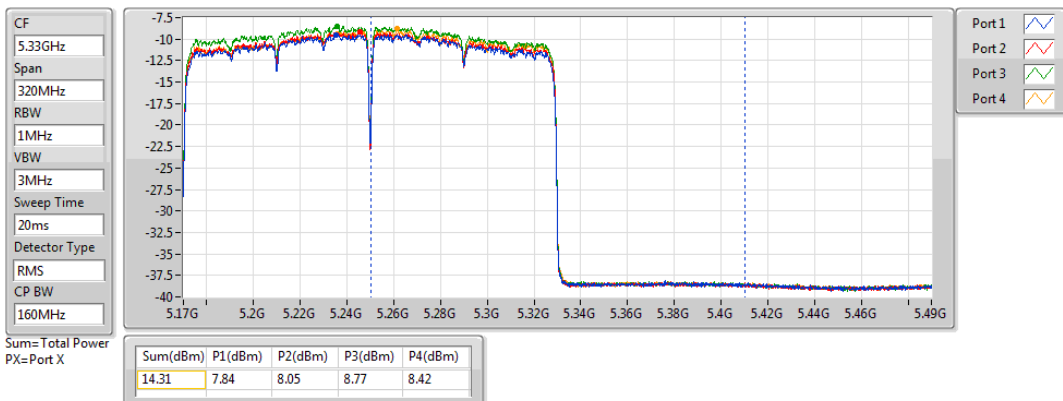


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

## AV Power

5250MHz Straddle 5.25-5.35GHz

03/11/2019



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) |
|------------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                       | -                    | -                  |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 13.24                | 0.02109            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 13.34                | 0.02158            |
| 5.25-5.35GHz                       | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 15.42                | 0.03483            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 15.48                | 0.03532            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 15.66                | 0.03681            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 13.23                | 0.02104            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 15.95                | 0.03936            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 15.91                | 0.03899            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 15.76                | 0.03767            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 13.37                | 0.02173            |
| 5.47-5.725GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 15.45                | 0.03508            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 15.62                | 0.03648            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 15.94                | 0.03926            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 15.79                | 0.03793            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 15.83                | 0.03828            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 15.94                | 0.03926            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 15.94                | 0.03926            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 15.82                | 0.03819            |
| 5.725-5.85GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 8.73                 | 0.00746            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 4.97                 | 0.00314            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 1.01                 | 0.00126            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 9.49                 | 0.00889            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 6.09                 | 0.00406            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 2.05                 | 0.00160            |

**Result**

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5260MHz                            | Pass   | 14.02       | 8.54            | 9.01            | 9.01            | 9.36            | 15.01                | 15.96                | 9.5                  |
| 5300MHz                            | Pass   | 14.02       | 9.69            | 9.12            | 9.03            | 9.71            | 15.42                | 15.96                | 9.5                  |
| 5320MHz                            | Pass   | 14.02       | 9.78            | 9.19            | 8.81            | 9.73            | 15.42                | 15.96                | 9.5                  |
| 5500MHz                            | Pass   | 14.02       | 9.64            | 9.69            | 9.21            | 9.10            | 15.44                | 15.96                | 9.5                  |
| 5580MHz                            | Pass   | 14.02       | 9.23            | 9.61            | 9.25            | 9.17            | 15.34                | 15.96                | 9.5                  |
| 5700MHz                            | Pass   | 14.02       | 9.16            | 10.93           | 8.66            | 8.49            | 15.45                | 15.96                | 9                    |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 8.28            | 9.89            | 7.76            | 7.48            | 14.48                | 14.92                | 8.5                  |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | 2.54            | 4.10            | 2.04            | 1.78            | 8.73                 | 21.98                | 8.5                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5270MHz                            | Pass   | 14.02       | 9.79            | 9.19            | 9.28            | 9.55            | 15.48                | 15.96                | 10                   |
| 5310MHz                            | Pass   | 14.02       | 9.54            | 9.41            | 9.02            | 8.79            | 15.22                | 15.96                | 9.75                 |
| 5510MHz                            | Pass   | 14.02       | 9.83            | 9.73            | 8.99            | 9.12            | 15.45                | 15.96                | 9.5                  |
| 5550MHz                            | Pass   | 14.02       | 9.65            | 9.83            | 9.19            | 8.89            | 15.43                | 15.96                | 9.5                  |
| 5670MHz                            | Pass   | 14.02       | 8.98            | 11.50           | 8.61            | 8.56            | 15.62                | 15.96                | 9.25                 |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 8.84            | 11.01           | 8.28            | 8.43            | 15.31                | 15.96                | 9.25                 |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | -1.41           | 0.65            | -2.03           | -1.99           | 4.97                 | 21.98                | 9.25                 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5290MHz                            | Pass   | 14.02       | 10.07           | 9.69            | 9.42            | 9.32            | 15.66                | 15.96                | 10                   |
| 5530MHz                            | Pass   | 14.02       | 10.12           | 10.10           | 9.48            | 9.78            | 15.90                | 15.96                | 9.75                 |
| 5610MHz                            | Pass   | 14.02       | 9.70            | 11.70           | 8.78            | 8.81            | 15.94                | 15.96                | 9.25                 |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 9.27            | 10.88           | 8.34            | 8.47            | 15.38                | 15.96                | 9.25                 |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | -5.18           | -3.59           | -5.80           | -5.87           | 1.01                 | 21.98                | 9.25                 |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 14.02       | 7.40            | 7.36            | 7.13            | 6.99            | 13.24                | 21.98                | 11                   |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 14.02       | 7.22            | 7.21            | 7.08            | 7.32            | 13.23                | 15.96                | 11                   |
| 5570MHz                            | Pass   | 14.02       | 10.05           | 8.67            | 10.01           | 10.17           | 15.79                | 15.96                | 10.75                |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5260MHz                            | Pass   | 14.02       | 10.26           | 9.43            | 9.44            | 10.50           | 15.95                | 15.96                | 9.5                  |
| 5300MHz                            | Pass   | 14.02       | 10.20           | 9.38            | 9.51            | 10.36           | 15.90                | 15.96                | 9.5                  |
| 5320MHz                            | Pass   | 14.02       | 10.11           | 9.66            | 9.21            | 10.19           | 15.83                | 15.96                | 9.5                  |
| 5500MHz                            | Pass   | 14.02       | 10.13           | 10.14           | 9.17            | 9.45            | 15.76                | 15.96                | 9.5                  |
| 5580MHz                            | Pass   | 14.02       | 9.63            | 10.06           | 9.50            | 9.59            | 15.72                | 15.96                | 9.5                  |
| 5700MHz                            | Pass   | 14.02       | 9.65            | 11.16           | 9.17            | 8.86            | 15.83                | 15.96                | 9                    |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 8.63            | 10.20           | 8.07            | 7.79            | 14.80                | 14.90                | 8.5                  |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | 3.21            | 4.96            | 2.87            | 2.39            | 9.49                 | 21.98                | 8.5                  |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5270MHz                            | Pass   | 14.02       | 10.34           | 9.56            | 9.76            | 9.83            | 15.90                | 15.96                | 10                   |
| 5310MHz                            | Pass   | 14.02       | 10.33           | 9.87            | 9.70            | 9.63            | 15.91                | 15.96                | 9.75                 |
| 5510MHz                            | Pass   | 14.02       | 10.05           | 10.17           | 9.29            | 9.41            | 15.77                | 15.96                | 9.5                  |
| 5550MHz                            | Pass   | 14.02       | 10.24           | 10.10           | 9.53            | 9.12            | 15.79                | 15.96                | 9.5                  |
| 5670MHz                            | Pass   | 14.02       | 9.50            | 11.70           | 8.77            | 9.04            | 15.94                | 15.96                | 9.25                 |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 9.45            | 11.52           | 8.88            | 8.85            | 15.84                | 15.96                | 9.25                 |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | -0.29           | 1.80            | -0.87           | -0.99           | 6.09                 | 21.98                | 9.25                 |



## Average Power\_Radio 2 / External Antenna 7

## Appendix B.9

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5290MHz                            | Pass   | 14.02       | 10.31           | 9.75            | 9.45            | 9.40            | 15.76                | 15.96                | 10                   |
| 5530MHz                            | Pass   | 14.02       | 10.15           | 10.15           | 9.41            | 9.69            | 15.88                | 15.96                | 9.75                 |
| 5610MHz                            | Pass   | 14.02       | 9.78            | 11.71           | 8.63            | 8.84            | 15.94                | 15.96                | 9.25                 |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 14.02       | 9.65            | 11.18           | 8.62            | 8.85            | 15.72                | 15.96                | 9.25                 |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 14.02       | -4.17           | -2.54           | -4.65           | -4.95           | 2.05                 | 21.98                | 9.25                 |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |                      |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 14.02       | 7.48            | 7.54            | 7.18            | 7.08            | 13.34                | 21.98                | 11                   |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 14.02       | 7.44            | 7.28            | 7.36            | 7.32            | 13.37                | 15.96                | 11                   |
| 5570MHz                            | Pass   | 14.02       | 10.02           | 8.45            | 10.22           | 10.25           | 15.82                | 15.96                | 10.75                |

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

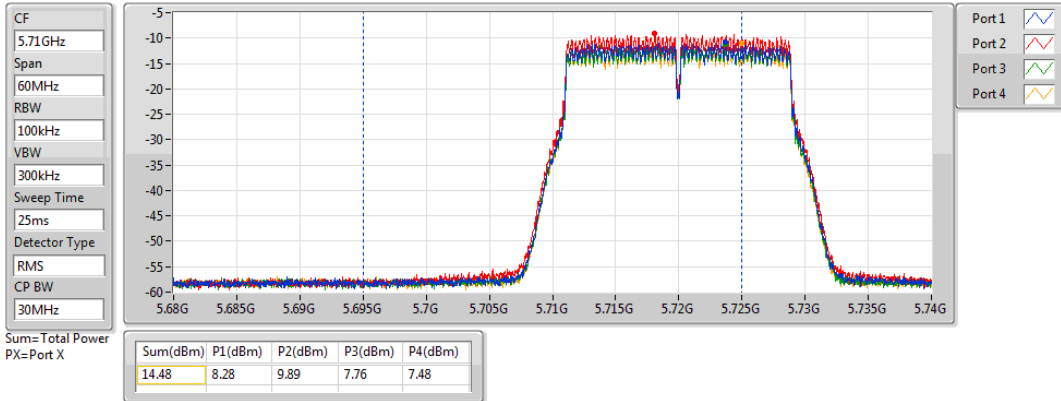
**Note :** Conducted setting = Pass conducted setting division 4

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

04/11/2019

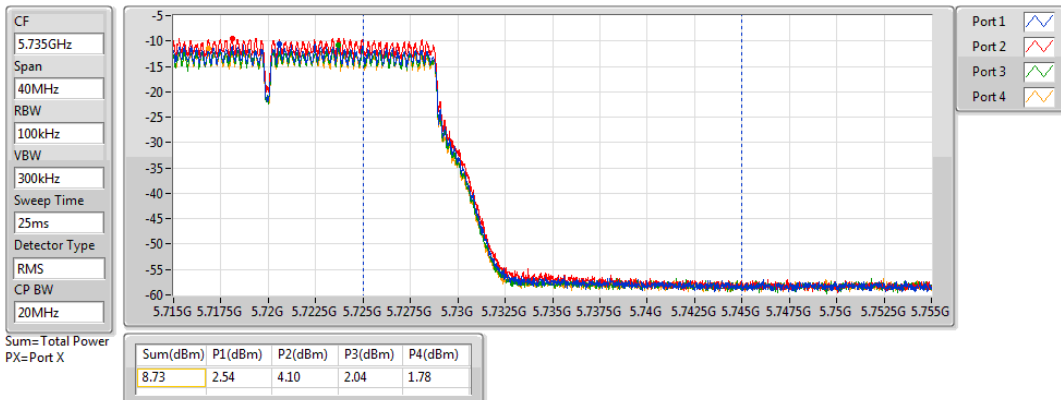


### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

04/11/2019

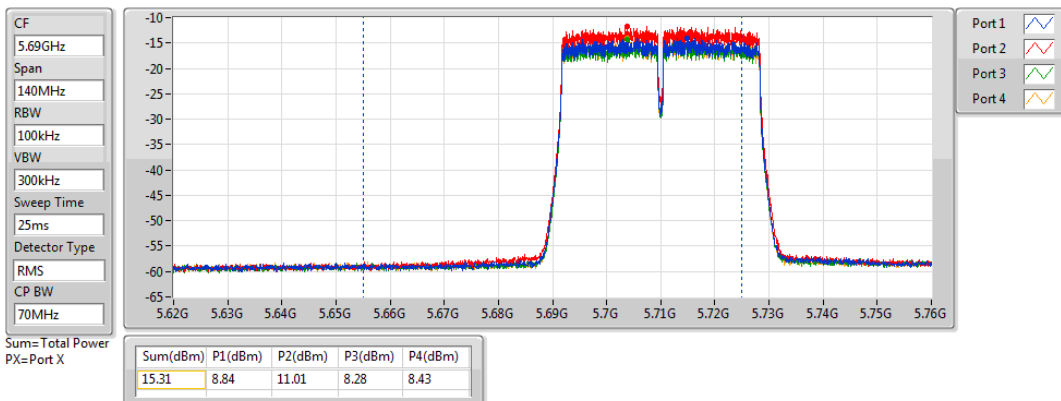


### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

17/11/2019

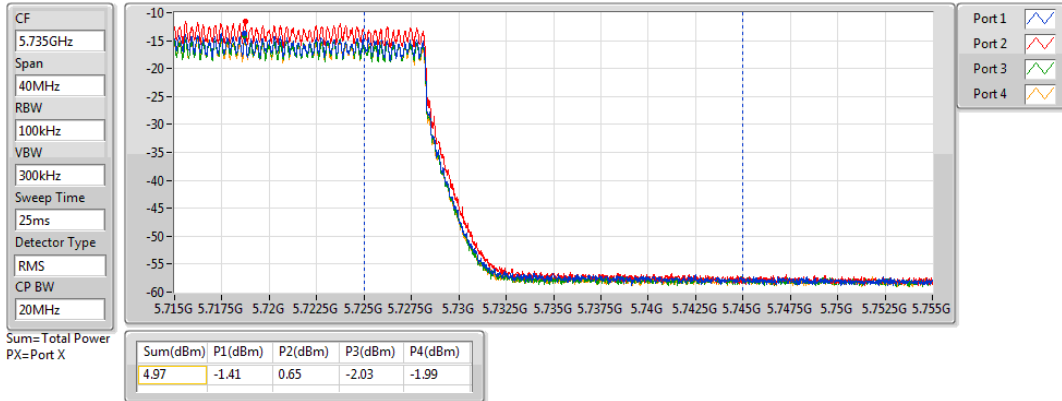


802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

17/11/2019

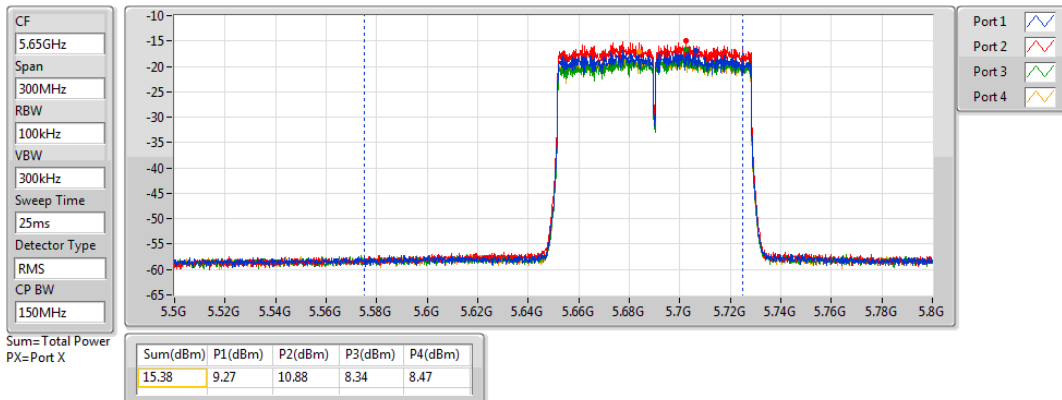


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/11/2019

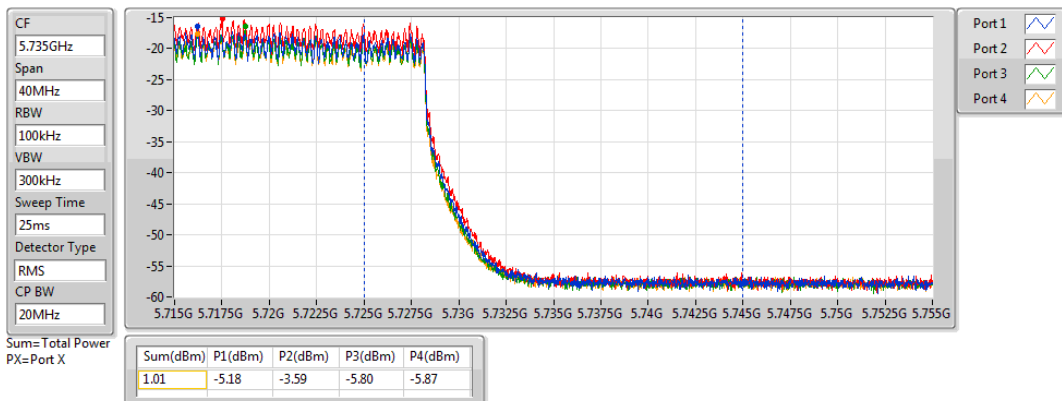


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

04/11/2019

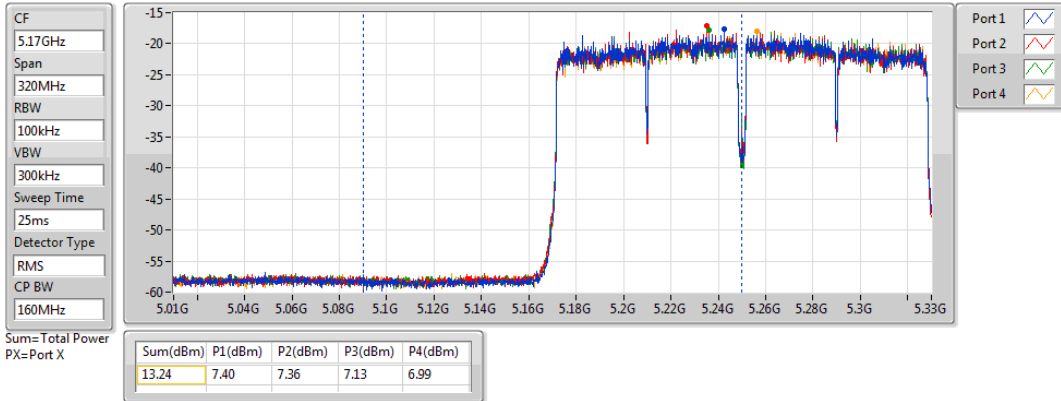


## 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5250MHz Straddle 5.15-5.25GHz

04/11/2019

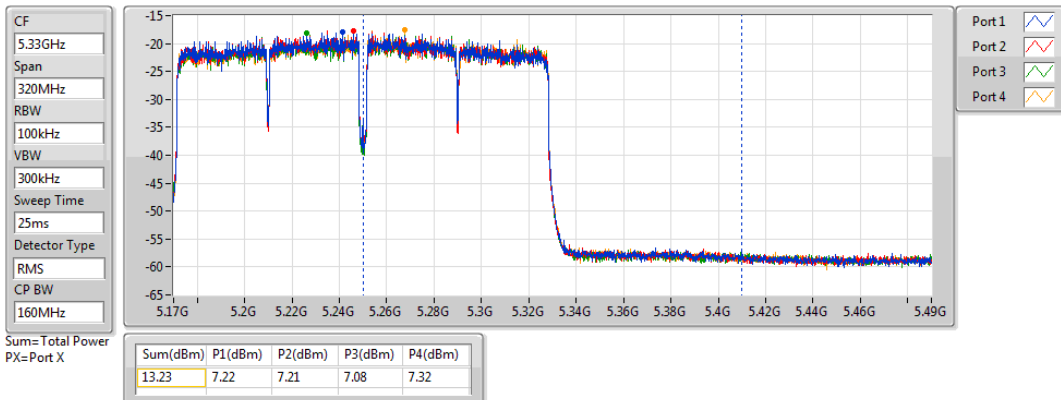


## 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5250MHz Straddle 5.25-5.35GHz

04/11/2019

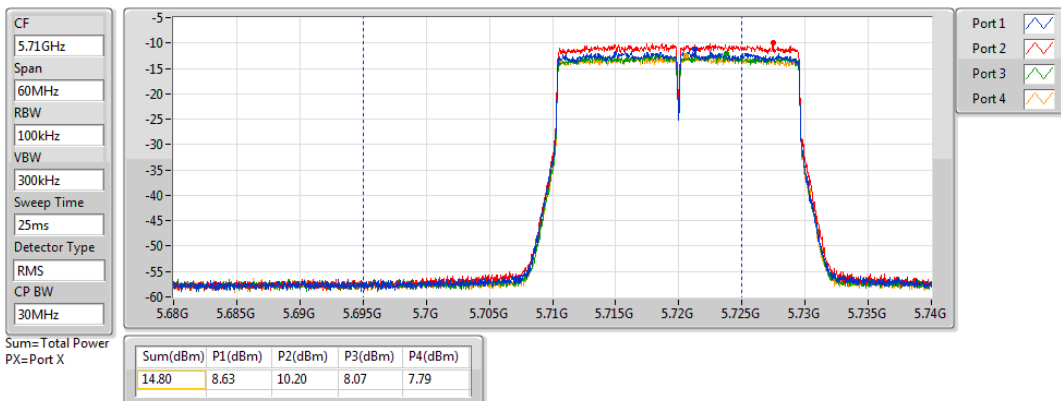


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

04/11/2019

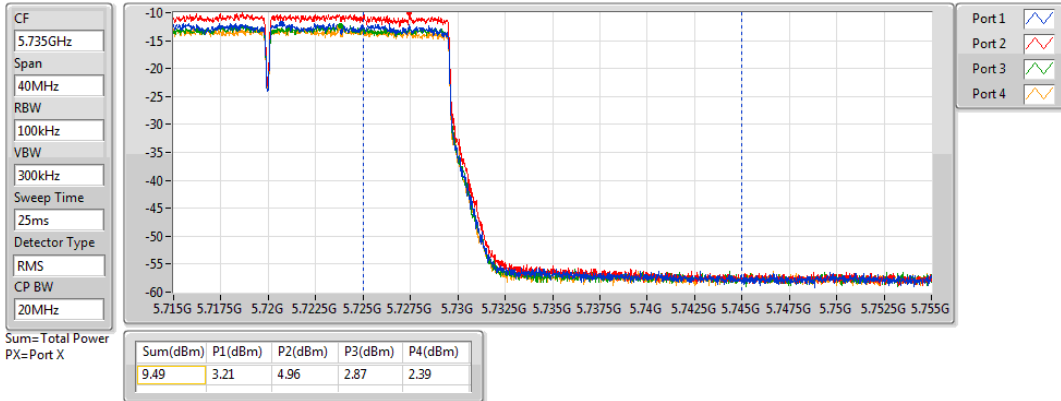


### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

AV Power

#### 5720MHz Straddle 5.725-5.85GHz

04/11/2019

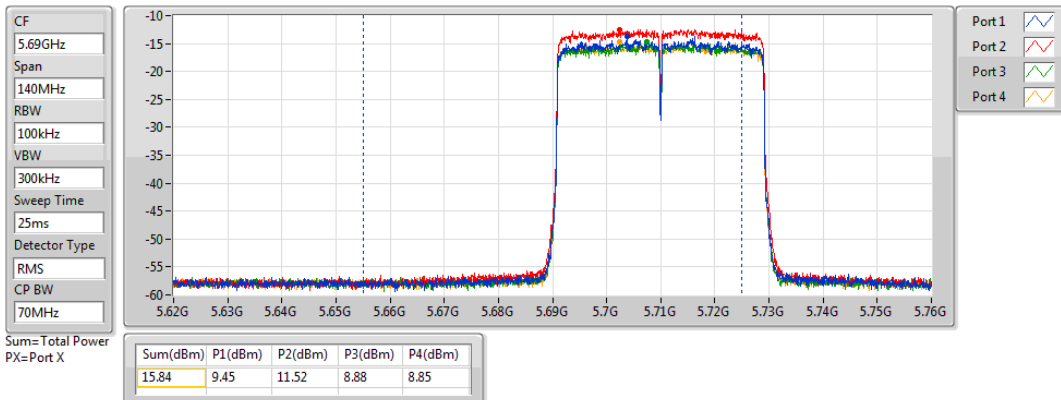


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

AV Power

#### 5710MHz Straddle 5.47-5.725GHz

04/11/2019

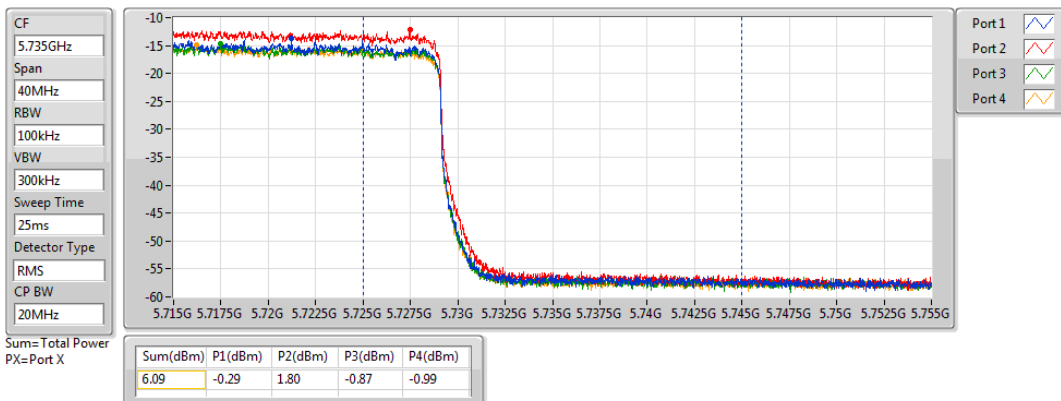


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

AV Power

#### 5710MHz Straddle 5.725-5.85GHz

04/11/2019

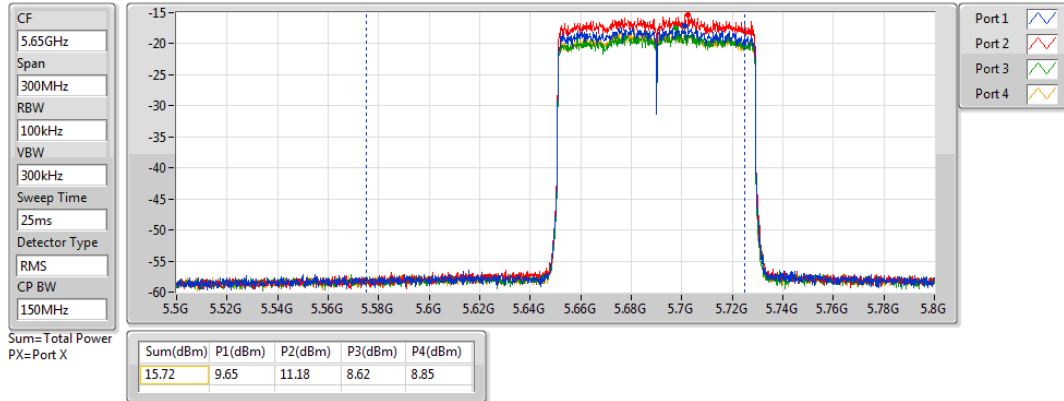


### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

04/11/2019

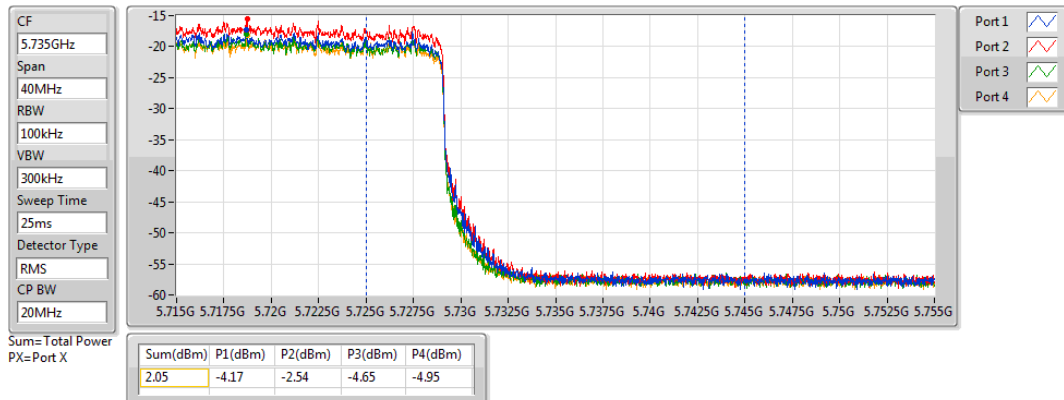


### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

04/11/2019

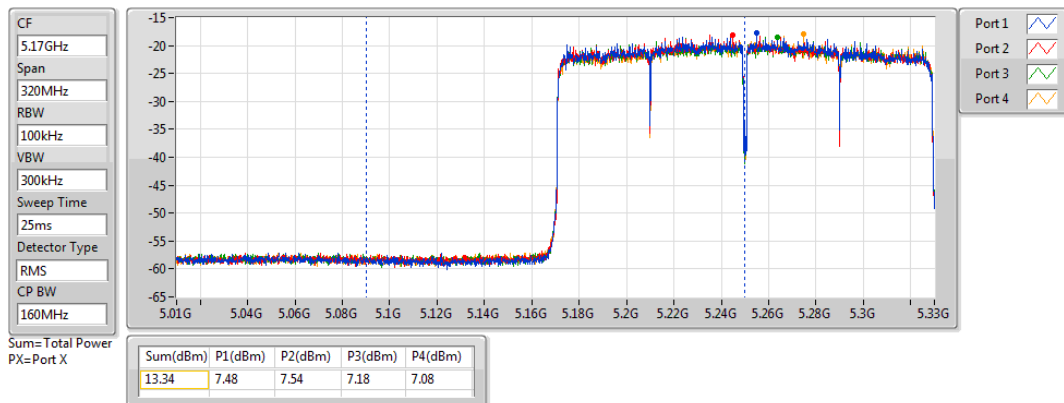


### 802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

04/11/2019

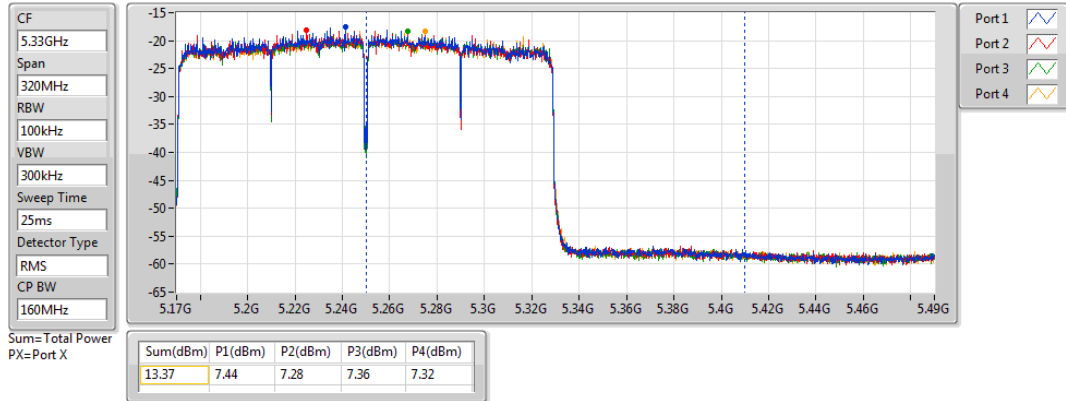


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/11/2019





**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 14.20                | 0.02630            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 14.75                | 0.02985            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 21.38                | 0.13740            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 21.77                | 0.15031            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 17.89                | 0.06152            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 14.17                | 0.02612            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 21.87                | 0.15382            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 21.81                | 0.15171            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 18.11                | 0.06471            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 14.79                | 0.03013            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 21.35                | 0.13646            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 21.56                | 0.14322            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 21.58                | 0.14388            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 15.91                | 0.03899            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 21.79                | 0.15101            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 21.86                | 0.15346            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 21.92                | 0.15560            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 16.43                | 0.04395            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 14.58                | 0.02871            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 11.06                | 0.01276            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 7.36                 | 0.00545            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 15.38                | 0.03451            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 12.01                | 0.01589            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 8.64                 | 0.00731            |

## Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 14.92           | 15.07           | 15.25           | 16.09           | 21.38                | 21.98                | 16                   |
| 5300MHz                         | Pass   | 8.00        | 15.11           | 15.30           | 15.35           | 15.45           | 21.32                | 21.98                | 16                   |
| 5320MHz                         | Pass   | 8.00        | 14.65           | 15.07           | 15.25           | 15.16           | 21.06                | 21.98                | 15.75                |
| 5500MHz                         | Pass   | 8.00        | 13.80           | 14.10           | 13.97           | 14.11           | 20.02                | 21.98                | 14.75                |
| 5580MHz                         | Pass   | 8.00        | 14.60           | 15.50           | 15.28           | 15.83           | 21.35                | 21.98                | 16                   |
| 5700MHz                         | Pass   | 8.00        | 13.44           | 14.04           | 13.89           | 14.01           | 19.87                | 21.98                | 14.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 13.96           | 14.18           | 14.21           | 14.52           | 20.24                | 20.96                | 15.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 8.23            | 8.48            | 8.67            | 8.84            | 14.58                | 28.00                | 15.75                |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 15.39           | 15.75           | 15.72           | 16.11           | 21.77                | 21.98                | 16.25                |
| 5310MHz                         | Pass   | 8.00        | 12.22           | 12.85           | 12.82           | 12.87           | 18.72                | 21.98                | 13.5                 |
| 5510MHz                         | Pass   | 8.00        | 12.95           | 13.31           | 13.07           | 13.20           | 19.16                | 21.98                | 14                   |
| 5550MHz                         | Pass   | 8.00        | 15.25           | 15.74           | 15.54           | 15.61           | 21.56                | 21.98                | 16.25                |
| 5670MHz                         | Pass   | 8.00        | 14.31           | 14.85           | 14.56           | 15.20           | 20.76                | 21.98                | 15.75                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.13           | 15.28           | 15.25           | 15.94           | 21.43                | 21.98                | 16.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 4.64            | 4.95            | 4.98            | 5.54            | 11.06                | 28.00                | 16.5                 |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 11.53           | 11.95           | 11.84           | 12.14           | 17.89                | 21.98                | 12.75                |
| 5530MHz                         | Pass   | 8.00        | 12.12           | 12.53           | 12.47           | 12.50           | 18.43                | 21.98                | 13.25                |
| 5610MHz                         | Pass   | 8.00        | 15.22           | 16.06           | 15.19           | 15.72           | 21.58                | 21.98                | 16.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.03           | 15.52           | 15.25           | 15.92           | 21.46                | 21.98                | 16.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 0.77            | 1.33            | 1.39            | 1.80            | 7.36                 | 28.00                | 16.25                |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 7.79            | 8.07            | 8.72            | 8.10            | 14.20                | 28.00                | 11.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 7.78            | 7.85            | 8.67            | 8.25            | 14.17                | 21.98                | 11.5                 |
| 5570MHz                         | Pass   | 8.00        | 9.55            | 10.16           | 10.06           | 9.78            | 15.91                | 21.98                | 10.5                 |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 8.00        | 15.42           | 15.66           | 15.78           | 16.48           | 21.87                | 21.98                | 16                   |
| 5300MHz                         | Pass   | 8.00        | 15.45           | 15.74           | 15.86           | 16.17           | 21.83                | 21.98                | 16                   |
| 5320MHz                         | Pass   | 8.00        | 15.23           | 15.34           | 15.71           | 15.67           | 21.51                | 21.98                | 15.75                |
| 5500MHz                         | Pass   | 8.00        | 14.25           | 14.48           | 14.43           | 14.61           | 20.47                | 21.98                | 14.75                |
| 5580MHz                         | Pass   | 8.00        | 15.06           | 15.91           | 15.86           | 16.17           | 21.79                | 21.98                | 16                   |
| 5700MHz                         | Pass   | 8.00        | 14.02           | 14.56           | 14.13           | 14.45           | 20.32                | 21.98                | 14.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 14.61           | 14.83           | 14.80           | 15.09           | 20.86                | 20.93                | 15.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 9.03            | 9.35            | 9.40            | 9.62            | 15.38                | 28.00                | 15.75                |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 8.00        | 15.47           | 15.61           | 15.84           | 16.19           | 21.81                | 21.98                | 16.25                |
| 5310MHz                         | Pass   | 8.00        | 12.68           | 13.01           | 13.18           | 12.96           | 18.98                | 21.98                | 13.5                 |
| 5510MHz                         | Pass   | 8.00        | 13.36           | 13.58           | 13.49           | 13.52           | 19.51                | 21.98                | 14                   |
| 5550MHz                         | Pass   | 8.00        | 15.66           | 15.97           | 15.80           | 15.93           | 21.86                | 21.98                | 16.25                |
| 5670MHz                         | Pass   | 8.00        | 14.74           | 15.11           | 14.88           | 15.41           | 21.06                | 21.98                | 15.75                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.52           | 15.68           | 15.71           | 16.08           | 21.77                | 21.98                | 16.5                 |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 5.56            | 5.89            | 6.08            | 6.39            | 12.01                | 28.00                | 16.5                 |



## Average Power\_Radio 2 / External Antenna 7

## Appendix B.10

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 8.00        | 11.83           | 12.06           | 12.12           | 12.35           | 18.11                | 21.98                | 12.75                |
| 5530MHz                         | Pass   | 8.00        | 12.40           | 12.72           | 12.68           | 12.90           | 18.70                | 21.98                | 13.25                |
| 5610MHz                         | Pass   | 8.00        | 15.54           | 16.09           | 15.52           | 15.95           | 21.80                | 21.98                | 16.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.00        | 15.50           | 15.97           | 15.74           | 16.33           | 21.92                | 21.98                | 16.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.00        | 1.98            | 2.59            | 2.77            | 3.06            | 8.64                 | 28.00                | 16.25                |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.00        | 8.25            | 8.63            | 9.39            | 8.55            | 14.75                | 28.00                | 11.5                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.00        | 8.41            | 8.47            | 9.24            | 8.91            | 14.79                | 21.98                | 11.5                 |
| 5570MHz                         | Pass   | 8.00        | 10.08           | 10.65           | 10.52           | 10.38           | 16.43                | 21.98                | 10.5                 |

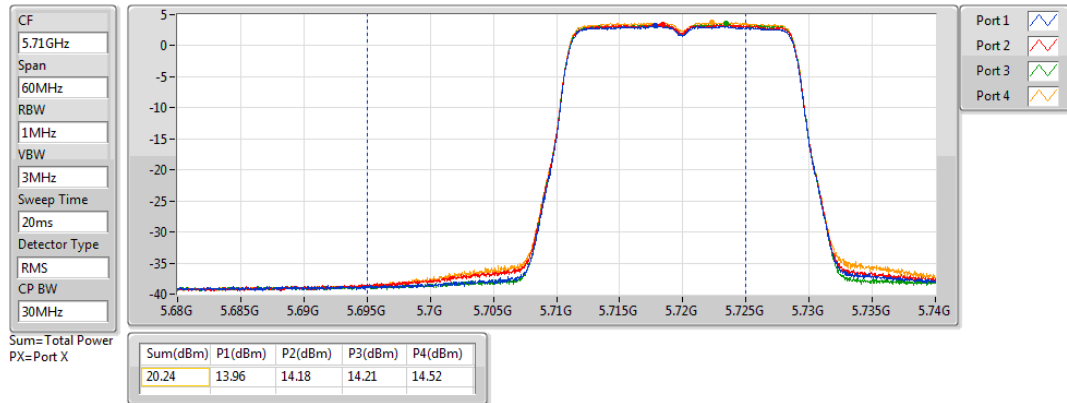
**DG** = Directional Gain; **Port X** = Port X output power

**Note : Conducted setting = Pass conducted setting division 4**

### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

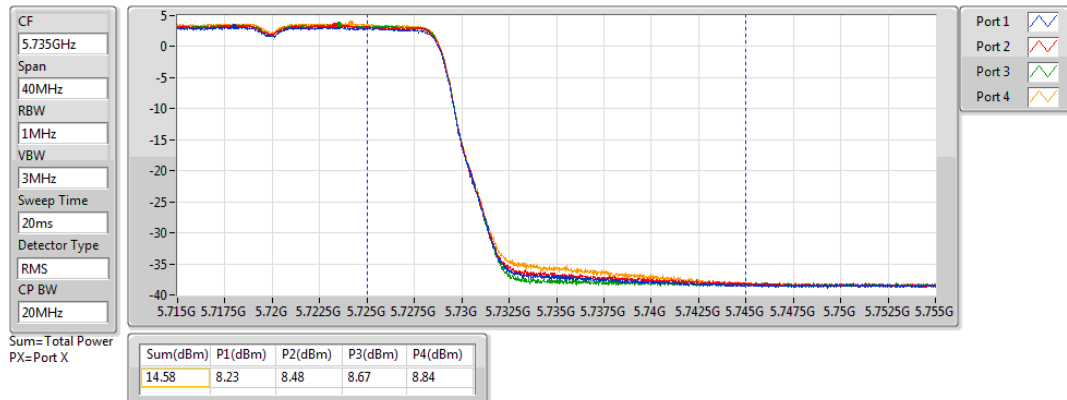
#### 5720MHz Straddle 5.47-5.725GHz



### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

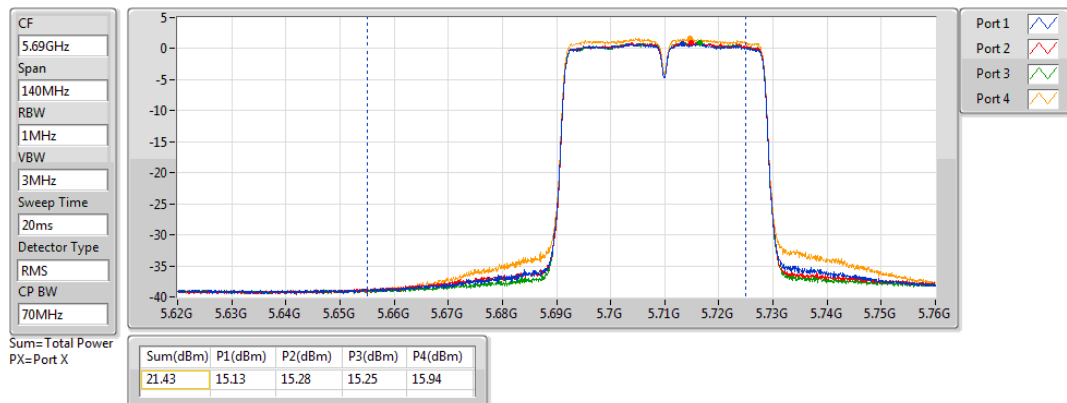
#### 5720MHz Straddle 5.725-5.85GHz



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

### AV Power

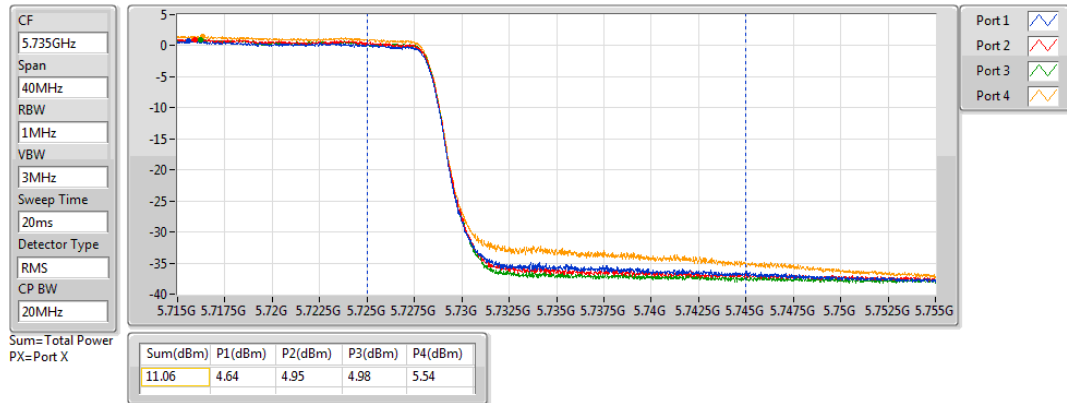
#### 5710MHz Straddle 5.47-5.725GHz



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

### AV Power

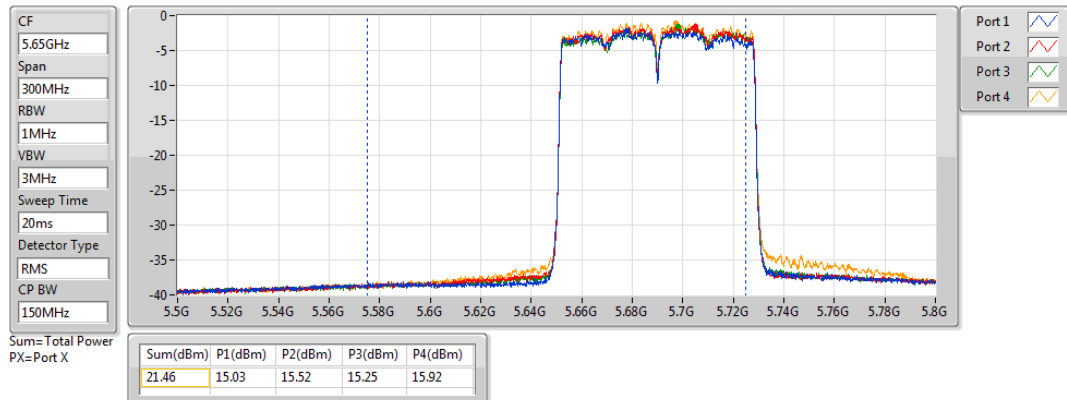
#### 5710MHz Straddle 5.725-5.85GHz



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

### AV Power

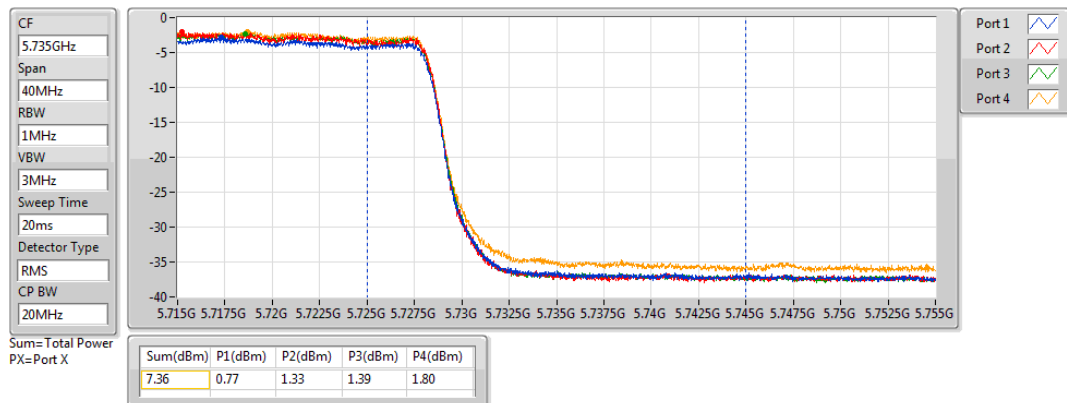
#### 5690MHz Straddle 5.47-5.725GHz



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

### AV Power

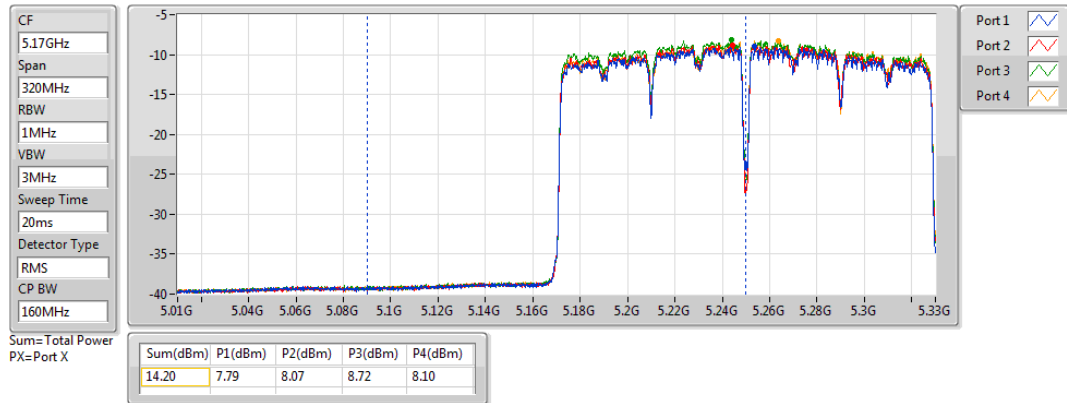
#### 5690MHz Straddle 5.725-5.85GHz



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

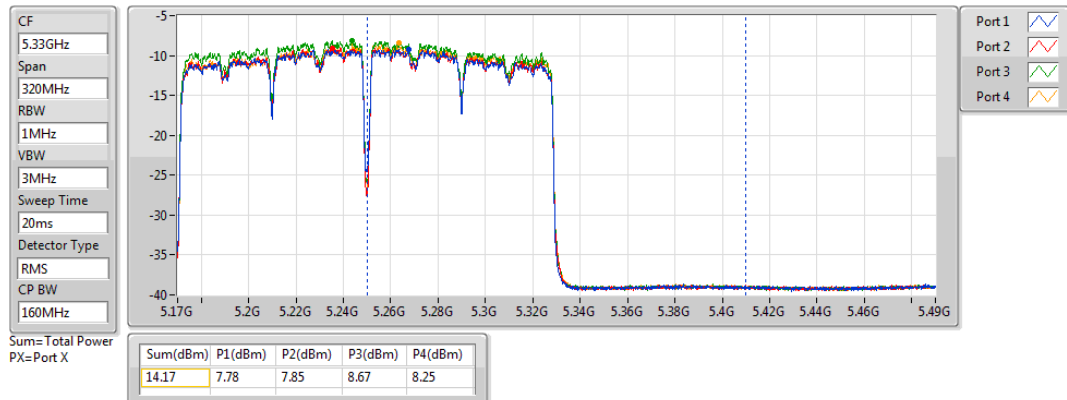
#### 5250MHz Straddle 5.15-5.25GHz



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

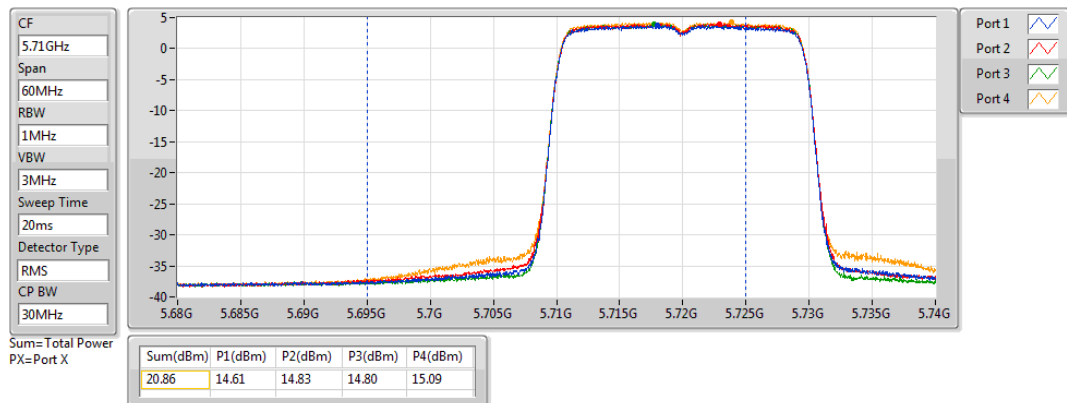
#### 5250MHz Straddle 5.25-5.35GHz



### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

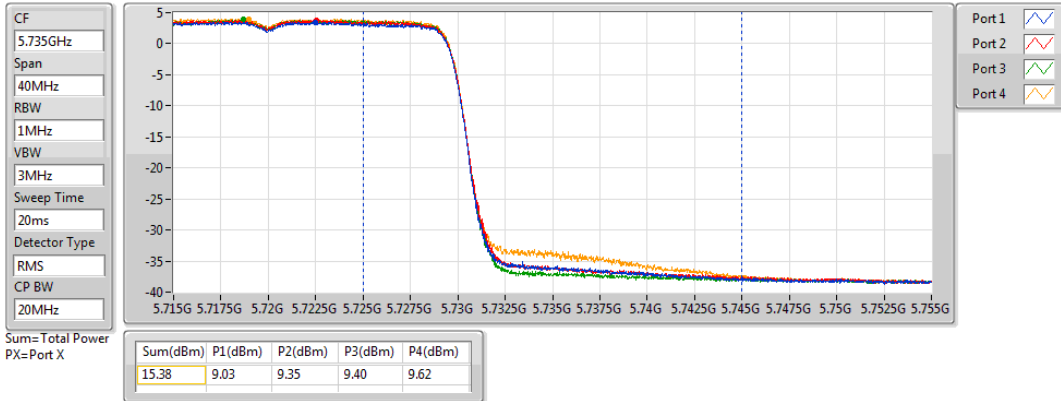


### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

03/11/2019

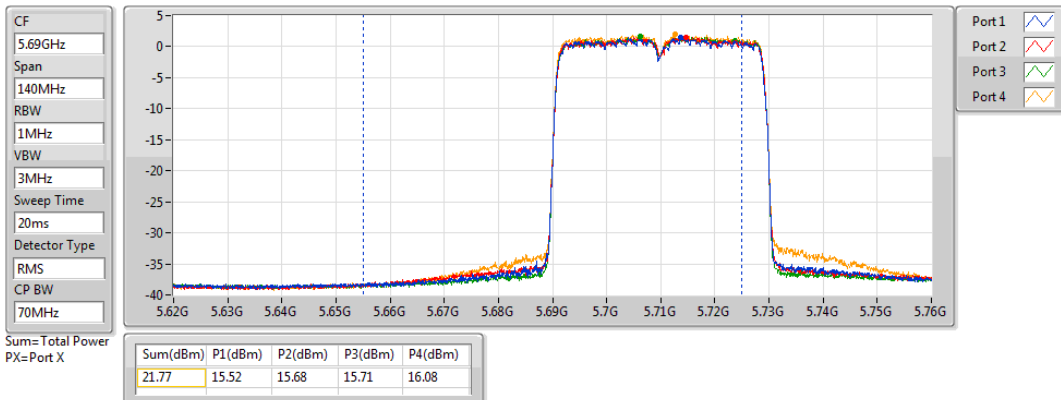


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

10/11/2019

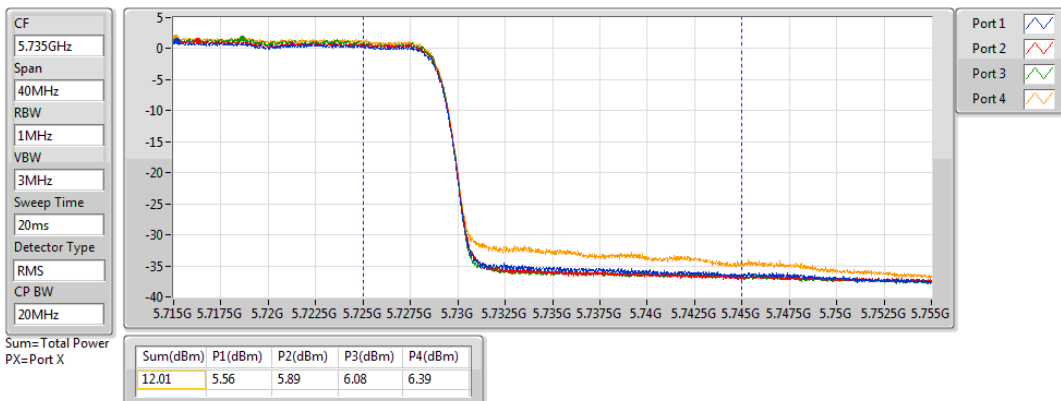


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

03/11/2019

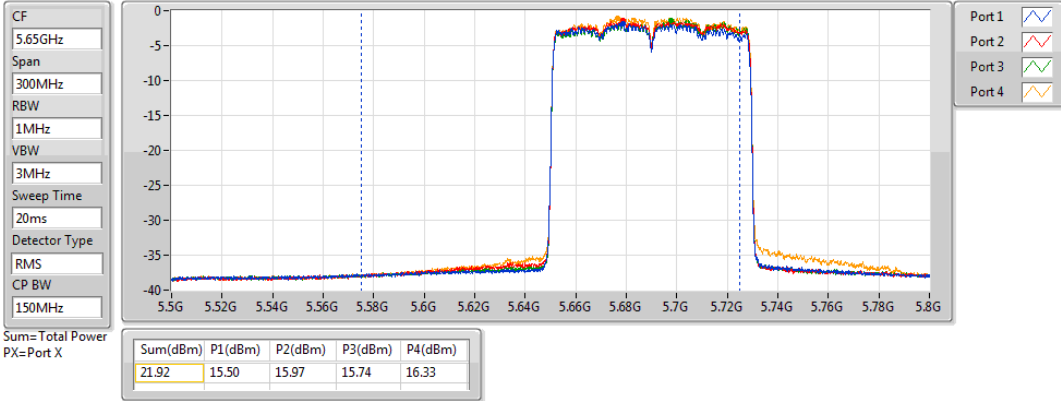


802.11ax HEW80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/11/2019

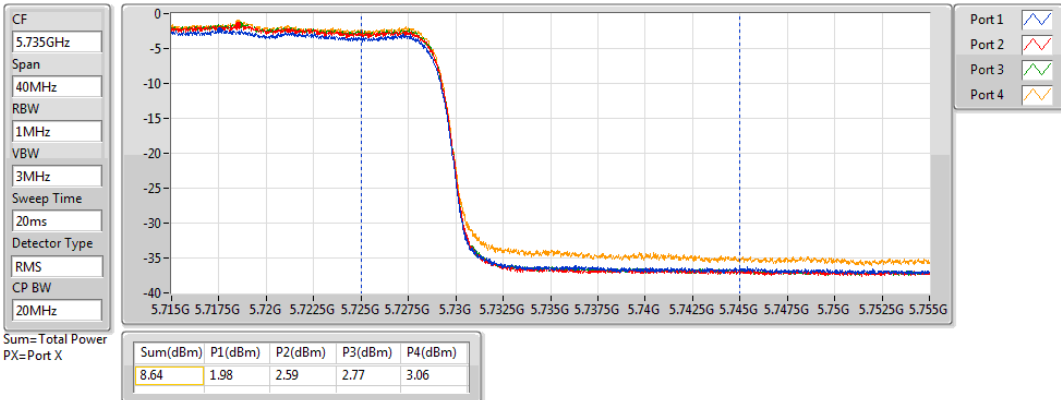


802.11ax HEW80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

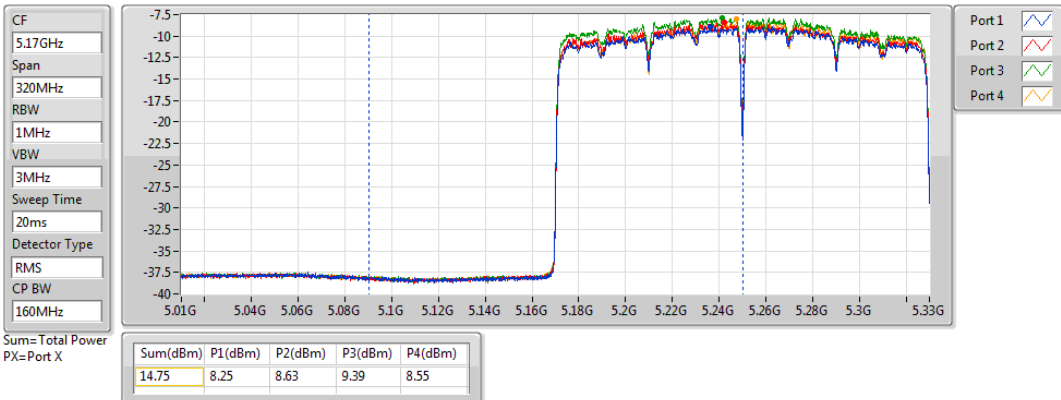


802.11ax HEW160\_Nss4,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

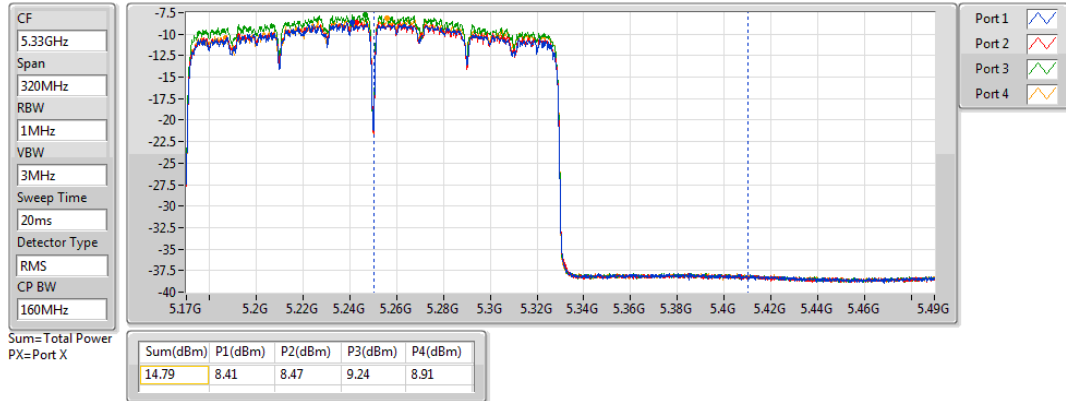


# 802.11ax HEW160\_Nss4,(MCS0)\_4TX

## AV Power

### 5250MHz Straddle 5.25-5.35GHz

03/11/2019





**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 12.08                | 0.01614            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 12.23                | 0.01671            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 18.86                | 0.07691            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 19.14                | 0.08204            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 18.98                | 0.07907            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 15.23                | 0.03334            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 12.07                | 0.01611            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 19.26                | 0.08433            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 19.25                | 0.08414            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 15.51                | 0.03556            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 12.24                | 0.01675            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 18.68                | 0.07379            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 19.07                | 0.08072            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 19.01                | 0.07962            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 19.01                | 0.07962            |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | 11.16                | 0.01306            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 19.22                | 0.08356            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 19.21                | 0.08337            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 19.17                | 0.08260            |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | 11.42                | 0.01387            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX        | 11.89                | 0.01545            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | 12.77                | 0.01892            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | 8.58                 | 0.00721            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | 4.73                 | 0.00297            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | 13.32                | 0.02148            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | 9.46                 | 0.00883            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | 5.47                 | 0.00352            |



**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_1TX        | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 18.78           | 18.78                | 19.28                | 19.5                 |
| 5300MHz                         | Pass   | 10.70       | 18.86           | 18.86                | 19.28                | 19.5                 |
| 5320MHz                         | Pass   | 10.70       | 18.11           | 18.11                | 19.28                | 18.75                |
| 5500MHz                         | Pass   | 10.70       | 13.43           | 13.43                | 19.28                | 14                   |
| 5580MHz                         | Pass   | 10.70       | 18.68           | 18.68                | 19.28                | 19.5                 |
| 5700MHz                         | Pass   | 10.70       | 13.81           | 13.81                | 19.28                | 14.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 18.34           | 18.34                | 19.28                | 19.5                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 11.89           | 11.89                | 25.30                | 19.5                 |
| 802.11ac VHT20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 19.14           | 19.14                | 19.28                | 19.75                |
| 5300MHz                         | Pass   | 10.70       | 19.09           | 19.09                | 19.28                | 19.75                |
| 5320MHz                         | Pass   | 10.70       | 17.56           | 17.56                | 19.28                | 18                   |
| 5500MHz                         | Pass   | 10.70       | 14.48           | 14.48                | 19.28                | 15.25                |
| 5580MHz                         | Pass   | 10.70       | 19.07           | 19.07                | 19.28                | 19.75                |
| 5700MHz                         | Pass   | 10.70       | 11.34           | 11.34                | 19.28                | 12                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 18.48           | 18.48                | 19.28                | 19.75                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 12.77           | 12.77                | 25.30                | 19.75                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 18.98           | 18.98                | 19.28                | 19.5                 |
| 5310MHz                         | Pass   | 10.70       | 15.43           | 15.43                | 19.28                | 16.25                |
| 5510MHz                         | Pass   | 10.70       | 13.39           | 13.39                | 19.28                | 14                   |
| 5550MHz                         | Pass   | 10.70       | 19.01           | 19.01                | 19.28                | 19.5                 |
| 5670MHz                         | Pass   | 10.70       | 15.45           | 15.45                | 19.28                | 16.5                 |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 18.98           | 18.98                | 19.28                | 19.75                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 8.58            | 8.58                 | 25.30                | 19.75                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 15.23           | 15.23                | 19.28                | 16                   |
| 5530MHz                         | Pass   | 10.70       | 13.74           | 13.74                | 19.28                | 14.5                 |
| 5610MHz                         | Pass   | 10.70       | 17.32           | 17.32                | 19.28                | 17.75                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 19.01           | 19.01                | 19.28                | 19.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 4.73            | 4.73                 | 25.30                | 19.25                |
| 802.11ac VHT160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 12.08           | 12.08                | 25.30                | 15.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 12.07           | 12.07                | 19.28                | 15.25                |
| 5570MHz                         | Pass   | 10.70       | 11.16           | 11.16                | 19.28                | 12                   |
| 802.11ax HEW20_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 19.21           | 19.21                | 19.28                | 19.75                |
| 5300MHz                         | Pass   | 10.70       | 19.26           | 19.26                | 19.28                | 19.75                |
| 5320MHz                         | Pass   | 10.70       | 17.68           | 17.68                | 19.28                | 18                   |
| 5500MHz                         | Pass   | 10.70       | 14.62           | 14.62                | 19.28                | 15.25                |
| 5580MHz                         | Pass   | 10.70       | 19.22           | 19.22                | 19.28                | 19.75                |
| 5700MHz                         | Pass   | 10.70       | 11.43           | 11.43                | 19.28                | 12                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 18.51           | 18.51                | 19.28                | 19.75                |



## Average Power\_Radio 2 / External Antenna 12

## Appendix B.11

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 13.32           | 13.32                | 25.30                | 19.75                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 19.25           | 19.25                | 19.28                | 19.5                 |
| 5310MHz                         | Pass   | 10.70       | 15.66           | 15.66                | 19.28                | 16.25                |
| 5510MHz                         | Pass   | 10.70       | 13.51           | 13.51                | 19.28                | 14                   |
| 5550MHz                         | Pass   | 10.70       | 19.21           | 19.21                | 19.28                | 19.5                 |
| 5670MHz                         | Pass   | 10.70       | 15.59           | 15.59                | 19.28                | 16.5                 |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 19.13           | 19.13                | 19.28                | 19.75                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 9.46            | 9.46                 | 25.30                | 19.75                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX  | -      | -           | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 15.51           | 15.51                | 19.28                | 16                   |
| 5530MHz                         | Pass   | 10.70       | 13.87           | 13.87                | 19.28                | 14.5                 |
| 5610MHz                         | Pass   | 10.70       | 17.45           | 17.45                | 19.28                | 17.75                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 19.17           | 19.17                | 19.28                | 19.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 5.47            | 5.47                 | 25.30                | 19.25                |
| 802.11ax HEW160_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 12.23           | 12.23                | 25.30                | 15.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 12.24           | 12.24                | 19.28                | 15.25                |
| 5570MHz                         | Pass   | 10.70       | 11.42           | 11.42                | 19.28                | 12                   |

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

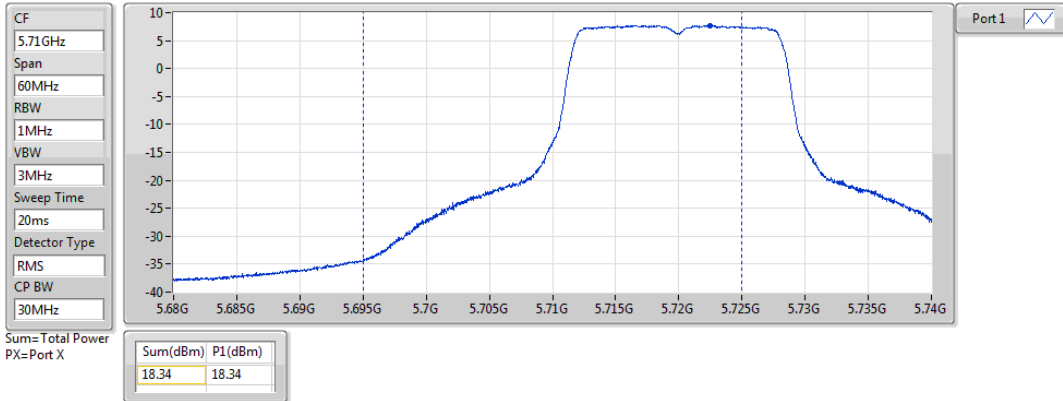
**Note** : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

06/11/2019

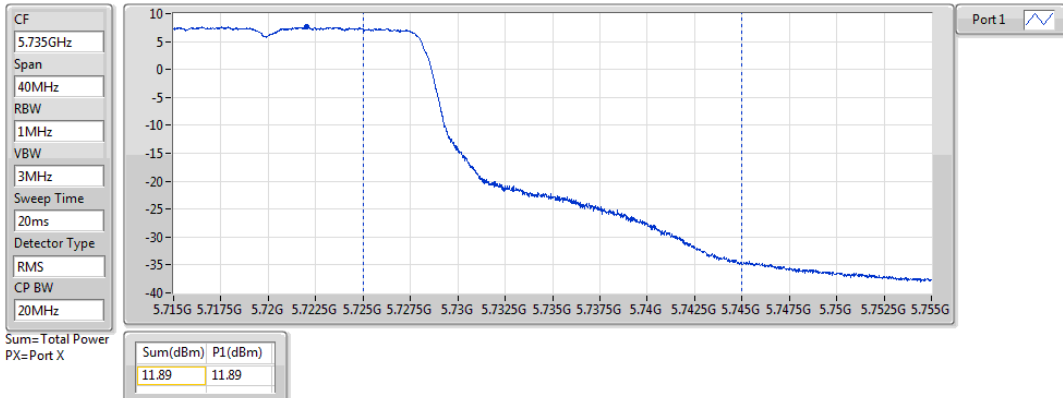


### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

06/11/2019

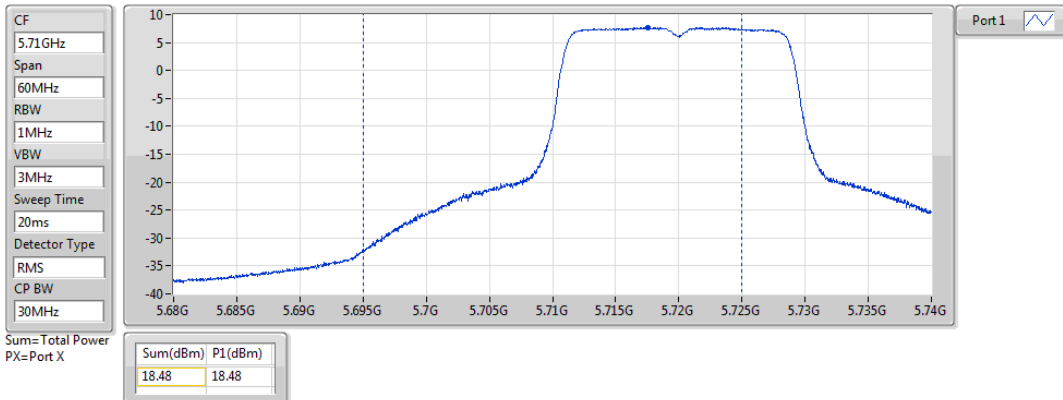


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

07/11/2019

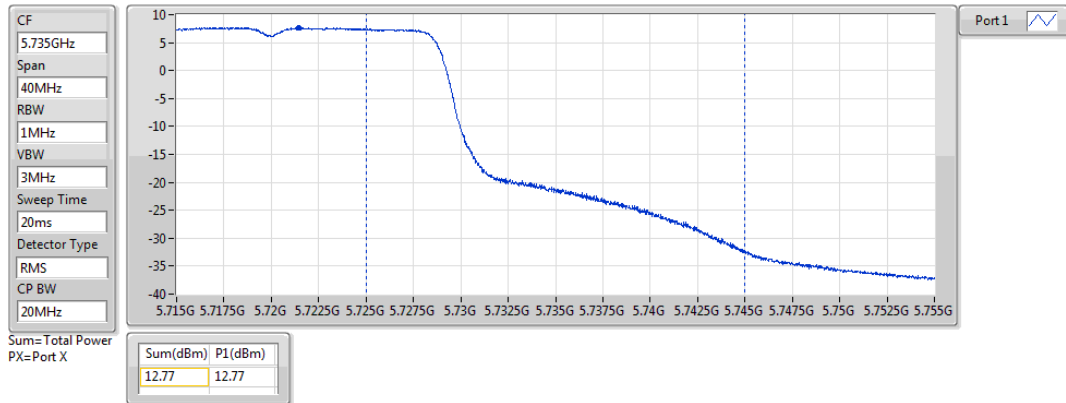


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

07/11/2019

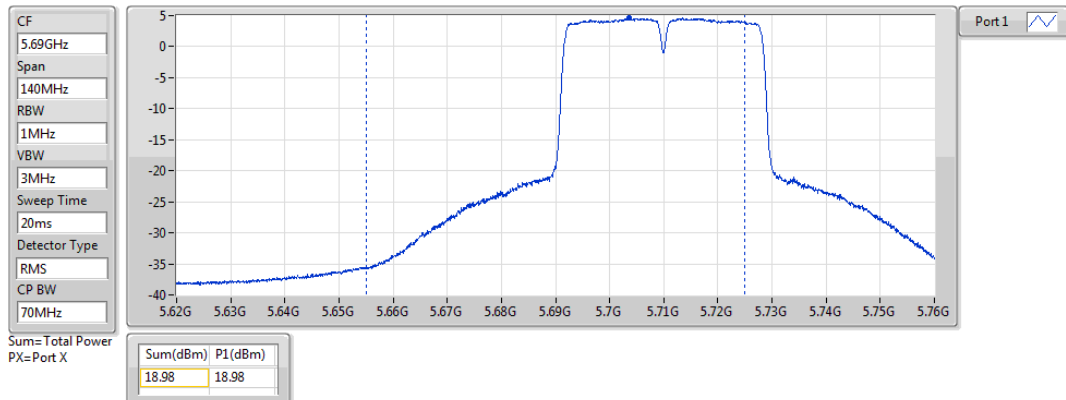


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

06/11/2019

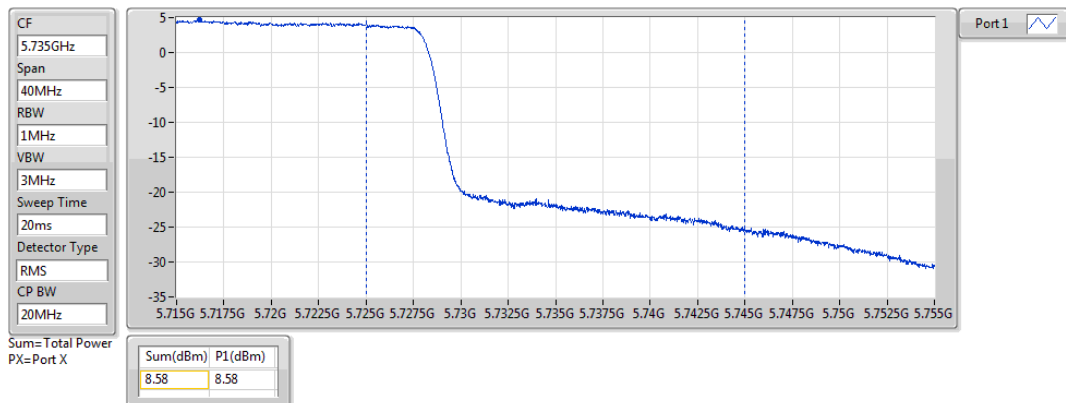


### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

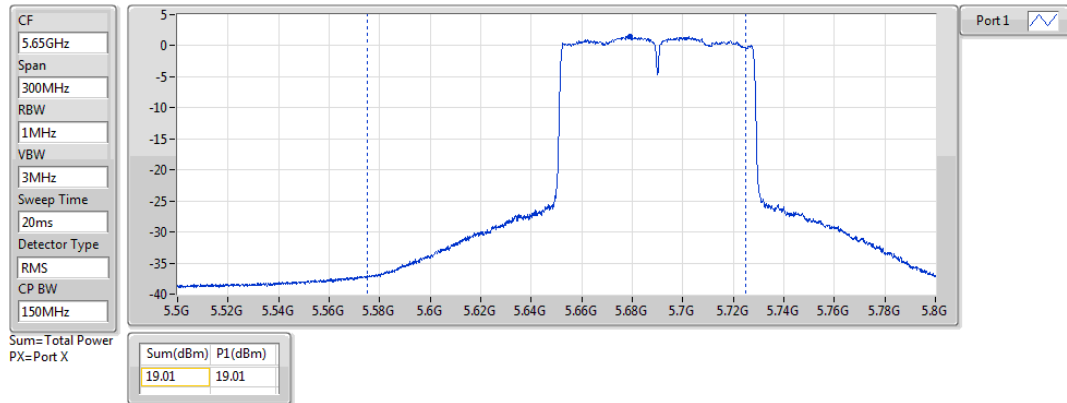
06/11/2019



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

### AV Power

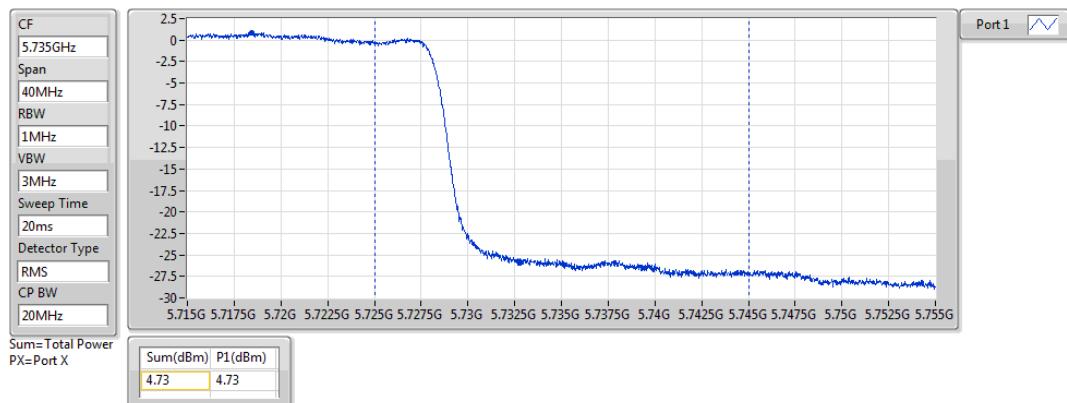
#### 5690MHz Straddle 5.47-5.725GHz



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

### AV Power

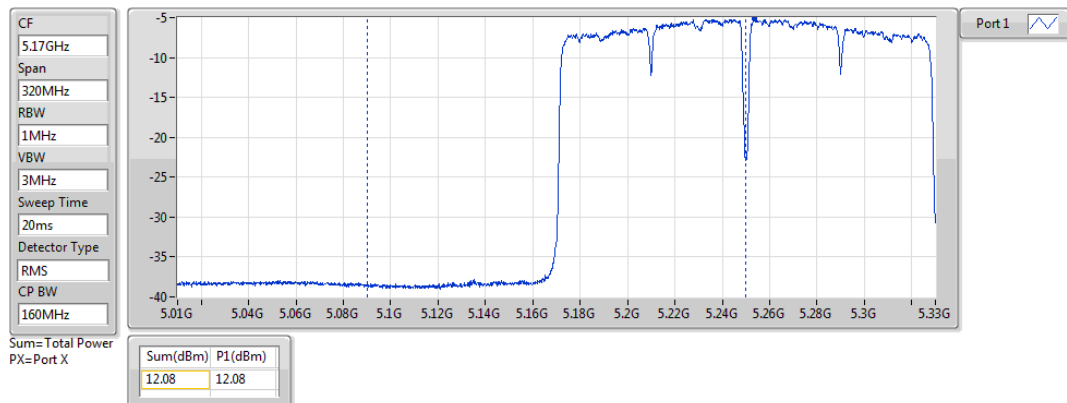
#### 5690MHz Straddle 5.725-5.85GHz



### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

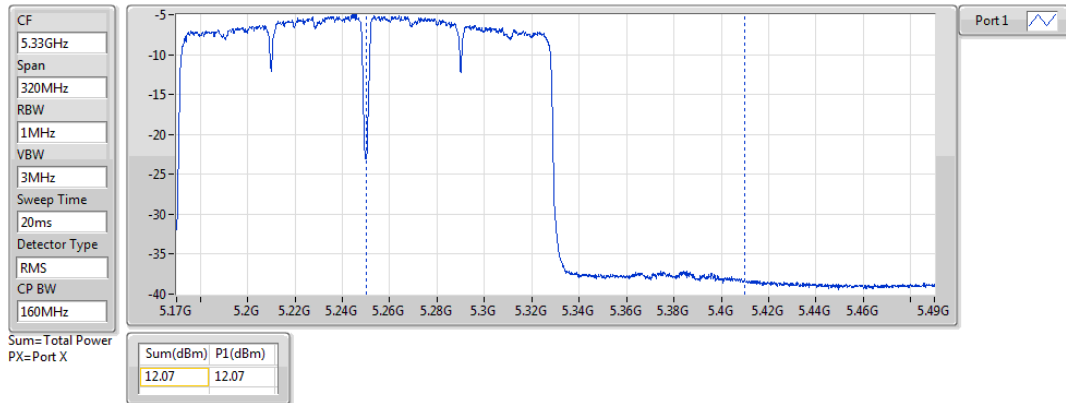


### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

06/11/2019

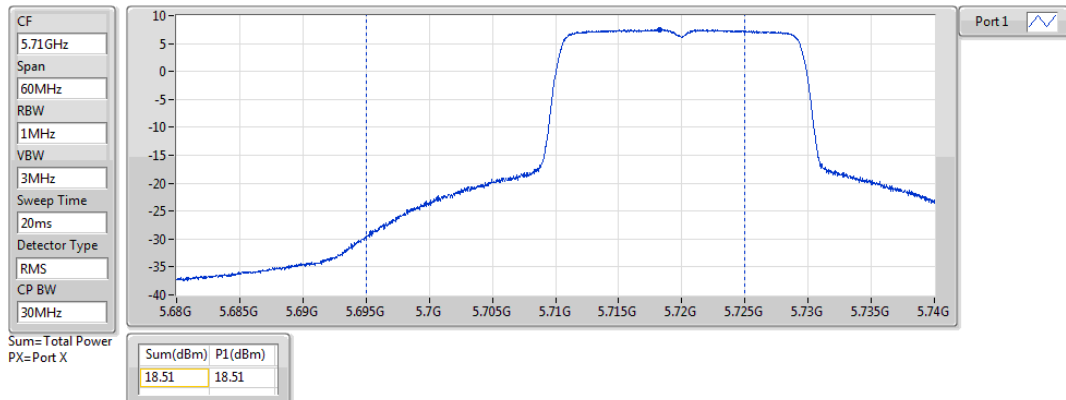


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

07/11/2019

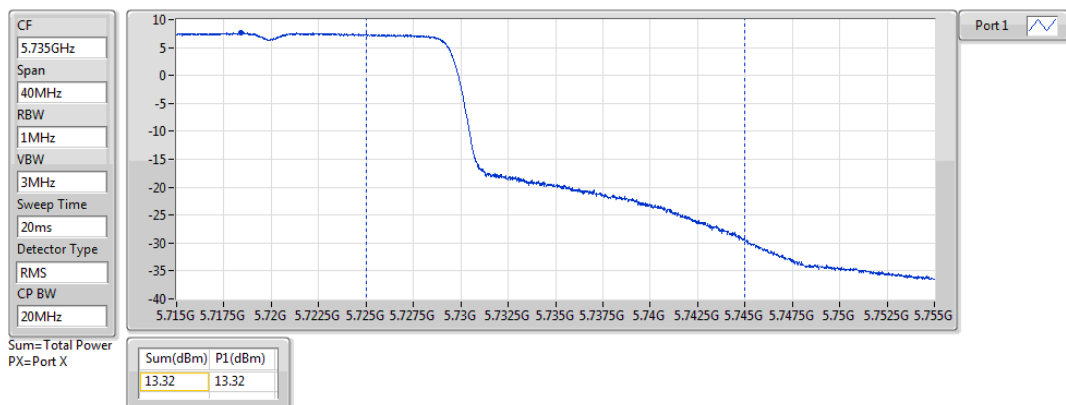


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

07/11/2019

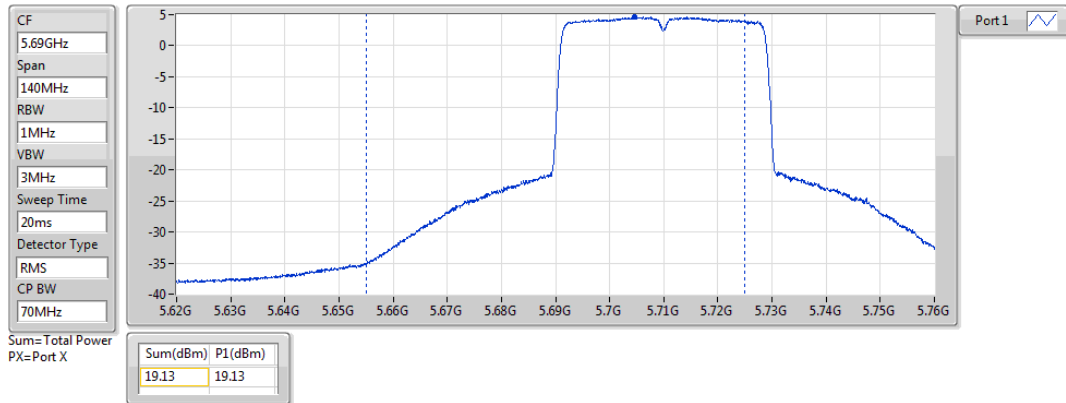


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

06/11/2019

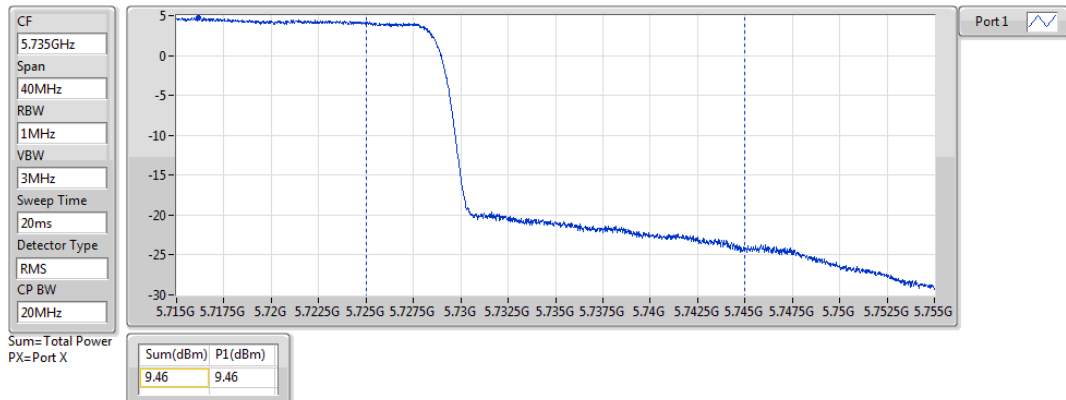


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

06/11/2019

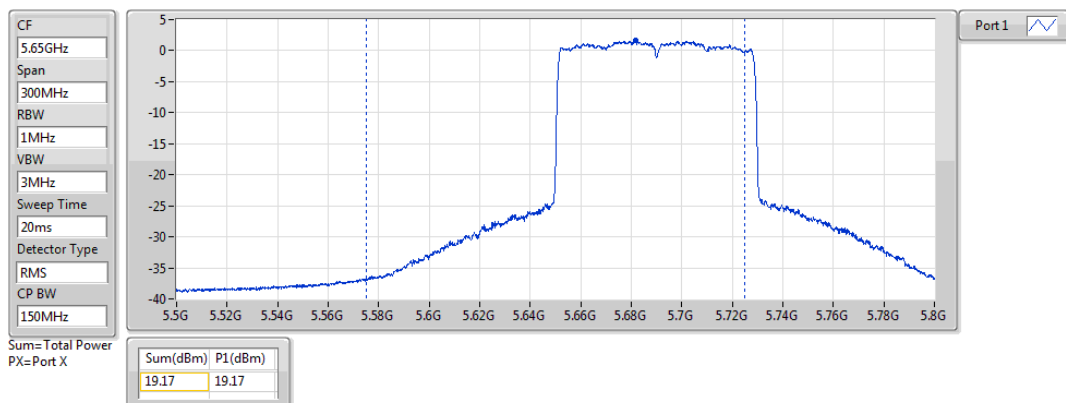


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

06/11/2019

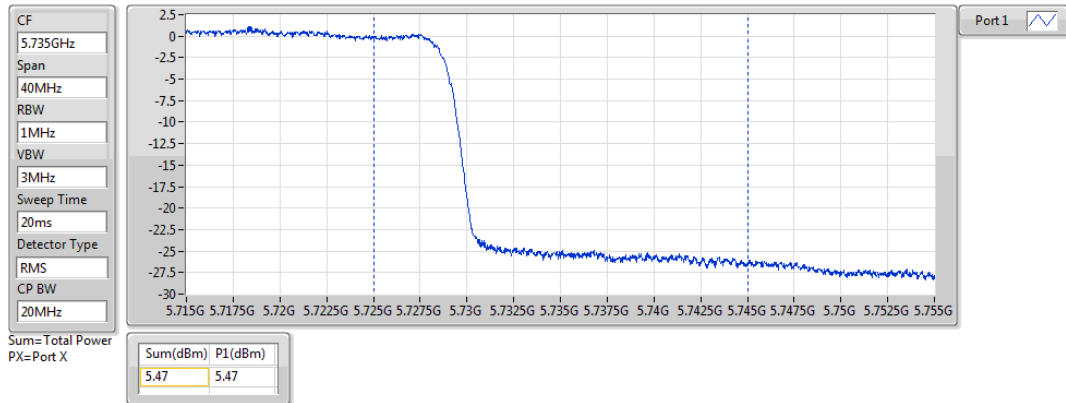


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019

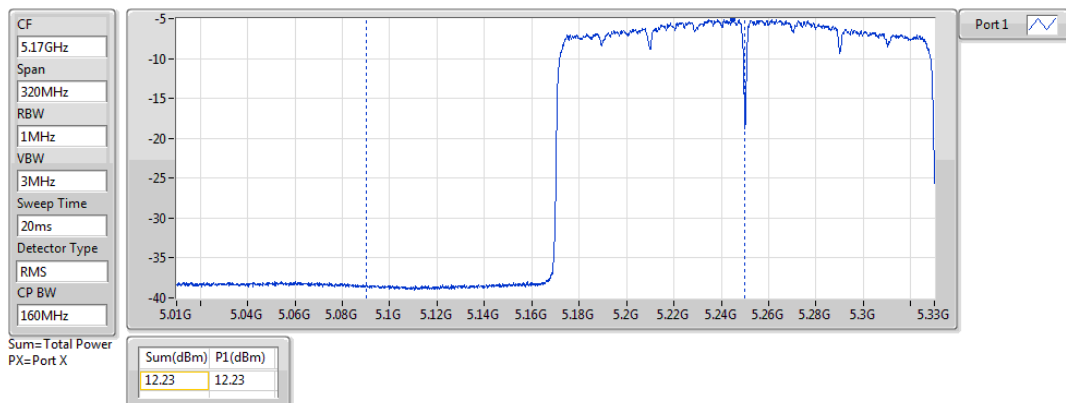


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

06/11/2019

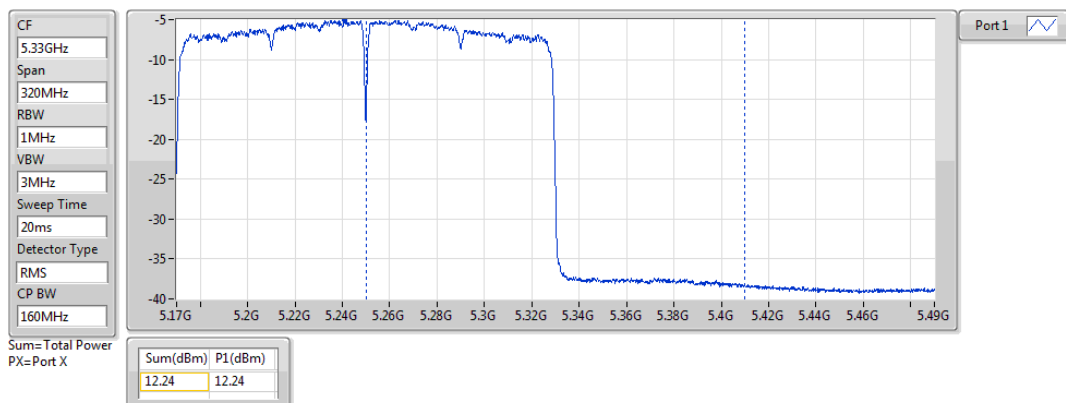


### 802.11ax HEW160\_Nss1,(MCS0)\_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 11.61                | 0.01449            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 11.78                | 0.01507            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 15.90                | 0.03890            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 18.98                | 0.07907            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 18.96                | 0.07870            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 15.60                | 0.03631            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 11.47                | 0.01403            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 19.18                | 0.08279            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 19.24                | 0.08395            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 15.91                | 0.03899            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 11.70                | 0.01479            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 15.74                | 0.03750            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 19.01                | 0.07962            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 19.13                | 0.08185            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 19.01                | 0.07962            |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | 12.67                | 0.01849            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 19.14                | 0.08204            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 19.24                | 0.08395            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 19.22                | 0.08356            |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | 13.00                | 0.01995            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX        | 8.71                 | 0.00743            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | 12.24                | 0.01675            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | 8.51                 | 0.00710            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | 4.95                 | 0.00313            |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | 12.71                | 0.01866            |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | 9.10                 | 0.00813            |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | 5.31                 | 0.00340            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_2TX        | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 12.49           | 12.87           | 15.69                | 19.28                | 13.5                 |
| 5300MHz                         | Pass   | 10.70       | 12.59           | 12.95           | 15.78                | 19.28                | 13.5                 |
| 5320MHz                         | Pass   | 10.70       | 12.67           | 13.09           | 15.90                | 19.28                | 13.5                 |
| 5500MHz                         | Pass   | 10.70       | 11.97           | 12.46           | 15.23                | 19.28                | 12.75                |
| 5580MHz                         | Pass   | 10.70       | 12.31           | 13.12           | 15.74                | 19.28                | 13.5                 |
| 5700MHz                         | Pass   | 10.70       | 12.24           | 12.70           | 15.49                | 19.28                | 13                   |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 11.87           | 12.31           | 15.11                | 18.24                | 13.25                |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 5.51            | 5.89            | 8.71                 | 25.30                | 13.25                |
| 802.11ac VHT20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 15.66           | 16.02           | 18.85                | 19.28                | 16.5                 |
| 5300MHz                         | Pass   | 10.70       | 15.85           | 16.08           | 18.98                | 19.28                | 16.5                 |
| 5320MHz                         | Pass   | 10.70       | 15.41           | 15.64           | 18.54                | 19.28                | 16                   |
| 5500MHz                         | Pass   | 10.70       | 13.95           | 14.33           | 17.15                | 19.28                | 14.75                |
| 5580MHz                         | Pass   | 10.70       | 15.64           | 16.33           | 19.01                | 19.28                | 16.5                 |
| 5700MHz                         | Pass   | 10.70       | 11.97           | 12.52           | 15.26                | 19.28                | 12.75                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 14.83           | 14.91           | 17.88                | 18.28                | 16                   |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 9.13            | 9.33            | 12.24                | 25.30                | 16                   |
| 802.11ac VHT40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 15.78           | 16.12           | 18.96                | 19.28                | 16.75                |
| 5310MHz                         | Pass   | 10.70       | 13.17           | 13.41           | 16.30                | 19.28                | 14                   |
| 5510MHz                         | Pass   | 10.70       | 11.59           | 12.08           | 14.85                | 19.28                | 12.25                |
| 5550MHz                         | Pass   | 10.70       | 15.93           | 16.31           | 19.13                | 19.28                | 16.5                 |
| 5670MHz                         | Pass   | 10.70       | 11.71           | 12.39           | 15.07                | 19.28                | 12.75                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 15.95           | 16.27           | 19.12                | 19.28                | 16.75                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 5.33            | 5.67            | 8.51                 | 25.30                | 16.75                |
| 802.11ac VHT80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 12.48           | 12.69           | 15.60                | 19.28                | 13.5                 |
| 5530MHz                         | Pass   | 10.70       | 11.86           | 12.32           | 15.11                | 19.28                | 12.75                |
| 5610MHz                         | Pass   | 10.70       | 15.54           | 16.22           | 18.90                | 19.28                | 16.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 15.66           | 16.31           | 19.01                | 19.28                | 16.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 1.36            | 2.45            | 4.95                 | 25.30                | 16.25                |
| 802.11ac VHT160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 8.36            | 8.82            | 11.61                | 25.30                | 11.75                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 8.28            | 8.64            | 11.47                | 19.28                | 11.75                |
| 5570MHz                         | Pass   | 10.70       | 9.37            | 9.93            | 12.67                | 19.28                | 10.25                |
| 802.11ax HEW20_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 15.97           | 16.19           | 19.09                | 19.28                | 16.5                 |
| 5300MHz                         | Pass   | 10.70       | 15.94           | 16.39           | 19.18                | 19.28                | 16.5                 |
| 5320MHz                         | Pass   | 10.70       | 15.57           | 15.81           | 18.70                | 19.28                | 16                   |
| 5500MHz                         | Pass   | 10.70       | 14.23           | 14.62           | 17.44                | 19.28                | 14.75                |
| 5580MHz                         | Pass   | 10.70       | 15.81           | 16.42           | 19.14                | 19.28                | 16.5                 |
| 5700MHz                         | Pass   | 10.70       | 12.29           | 12.62           | 15.47                | 19.28                | 12.75                |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 14.96           | 15.23           | 18.11                | 18.23                | 16                   |



## Average Power\_Radio 2 / External Antenna 12

## Appendix B.12

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 9.54            | 9.86            | 12.71                | 25.30                | 16                   |
| 802.11ax HEW40_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 16.13           | 16.32           | 19.24                | 19.28                | 16.75                |
| 5310MHz                         | Pass   | 10.70       | 13.28           | 13.53           | 16.42                | 19.28                | 14                   |
| 5510MHz                         | Pass   | 10.70       | 11.73           | 12.20           | 14.98                | 19.28                | 12.25                |
| 5550MHz                         | Pass   | 10.70       | 16.05           | 16.40           | 19.24                | 19.28                | 16.5                 |
| 5670MHz                         | Pass   | 10.70       | 11.75           | 12.53           | 15.17                | 19.28                | 12.75                |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 16.08           | 16.35           | 19.23                | 19.28                | 16.75                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 5.88            | 6.29            | 9.10                 | 25.30                | 16.75                |
| 802.11ax HEW80_Nss2,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 12.78           | 13.01           | 15.91                | 19.28                | 13.5                 |
| 5530MHz                         | Pass   | 10.70       | 12.13           | 12.70           | 15.43                | 19.28                | 12.75                |
| 5610MHz                         | Pass   | 10.70       | 15.71           | 16.42           | 19.09                | 19.28                | 16.25                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 15.93           | 16.47           | 19.22                | 19.28                | 16.25                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 1.86            | 2.69            | 5.31                 | 25.30                | 16.25                |
| 802.11ax HEW160_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 8.62            | 8.92            | 11.78                | 25.30                | 11.75                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 8.52            | 8.85            | 11.70                | 19.28                | 11.75                |
| 5570MHz                         | Pass   | 10.70       | 9.71            | 10.25           | 13.00                | 19.28                | 10.25                |

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

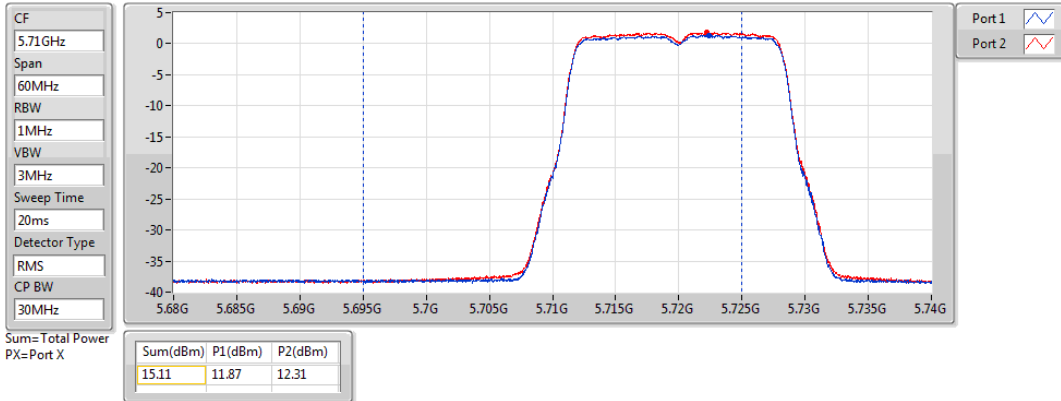
**Note** : Conducted setting = Pass conducted setting division 4

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

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

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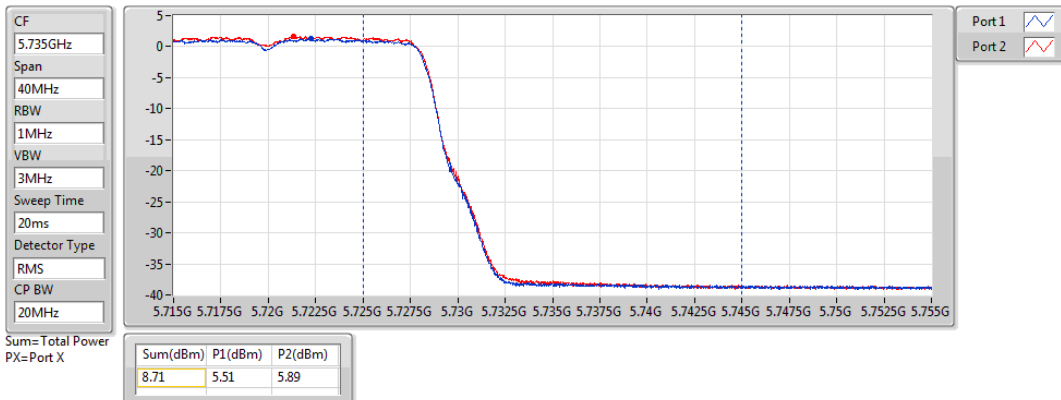


### 802.11a\_Nss1,(6Mbps)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

07/11/2019

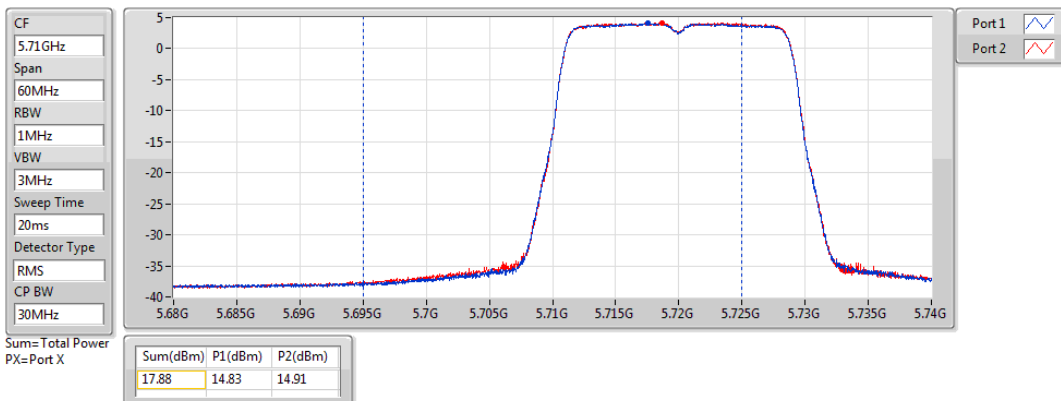


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

07/11/2019

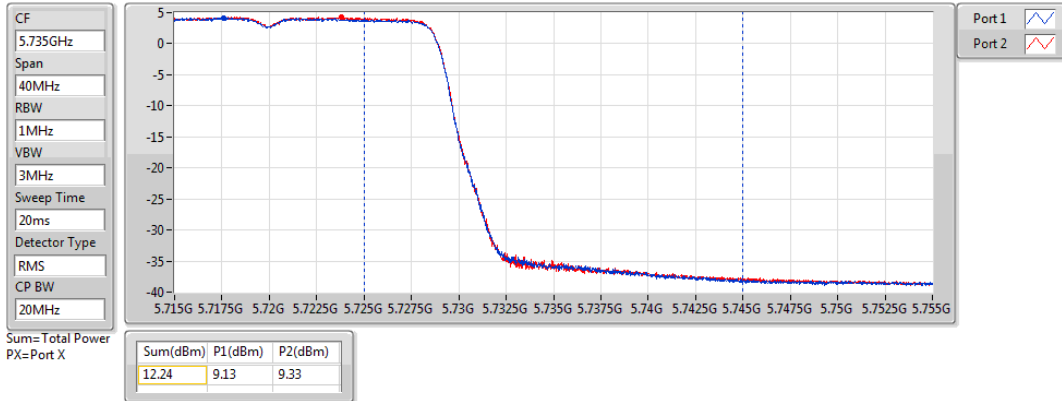


### 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

07/11/2019

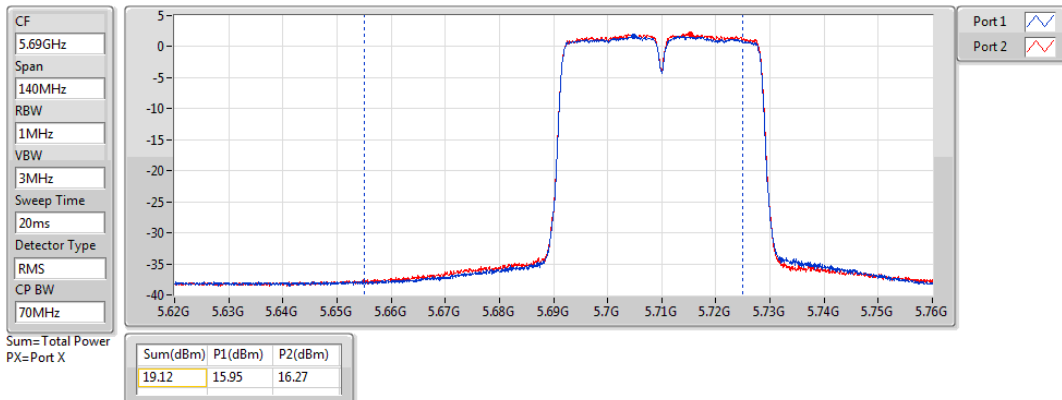


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

07/11/2019

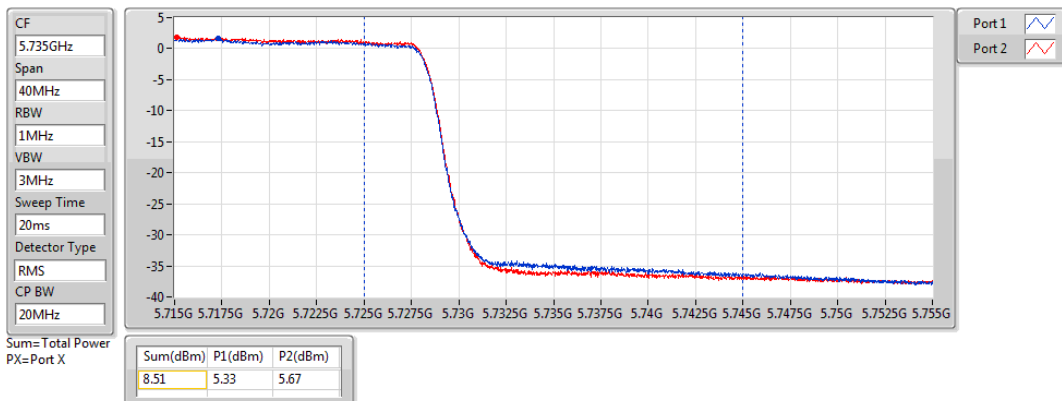


### 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

07/11/2019

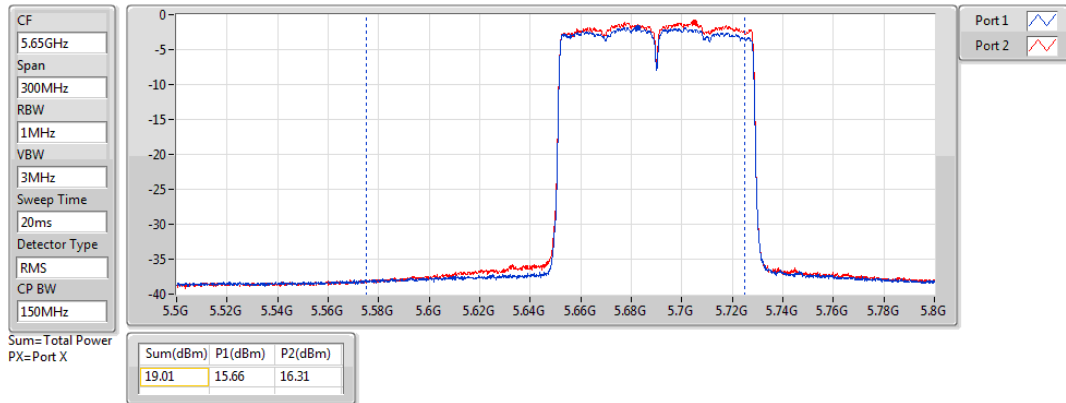


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

07/11/2019

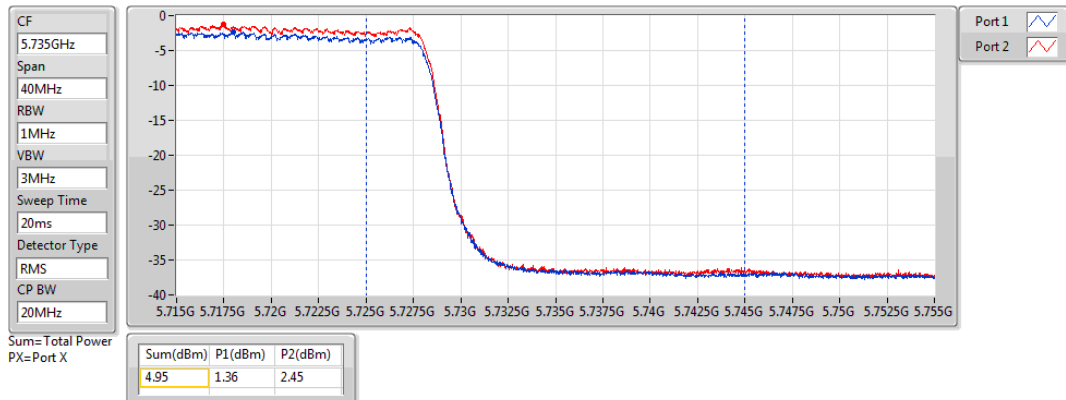


### 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz

07/11/2019

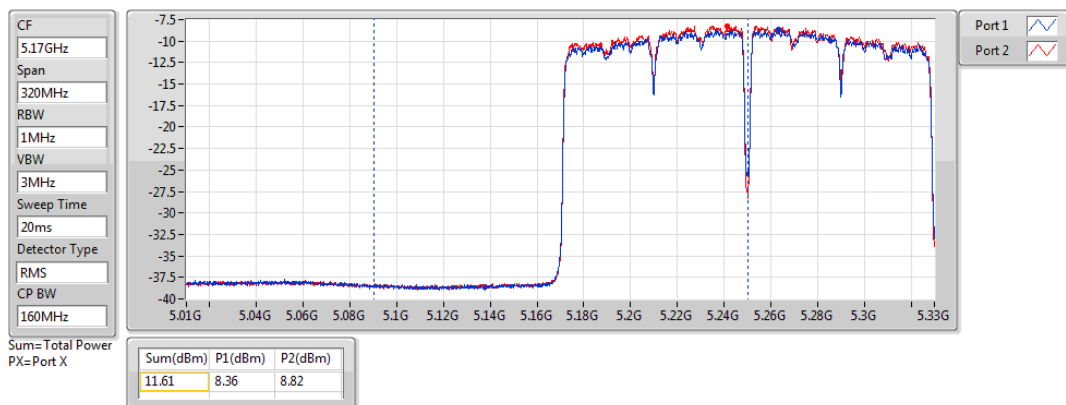


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

07/11/2019

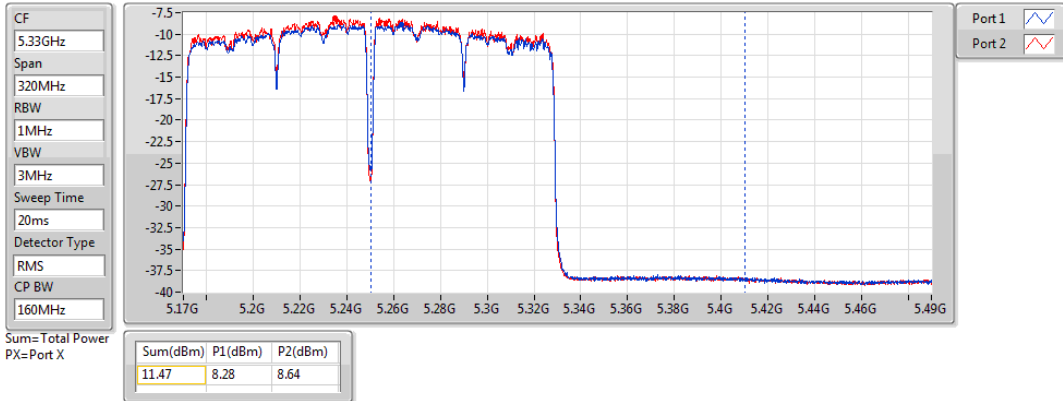


### 802.11ac VHT160\_Nss2,(MCS0)\_2TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

07/11/2019

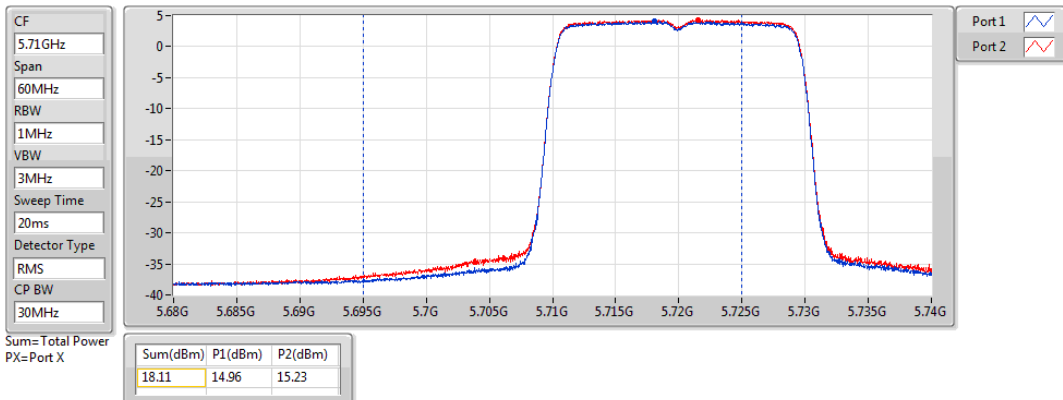


### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

07/11/2019

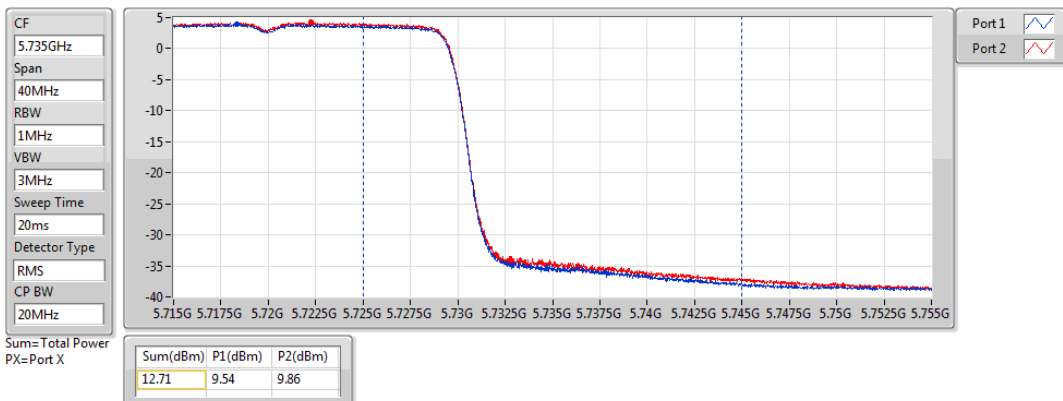


### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

07/11/2019

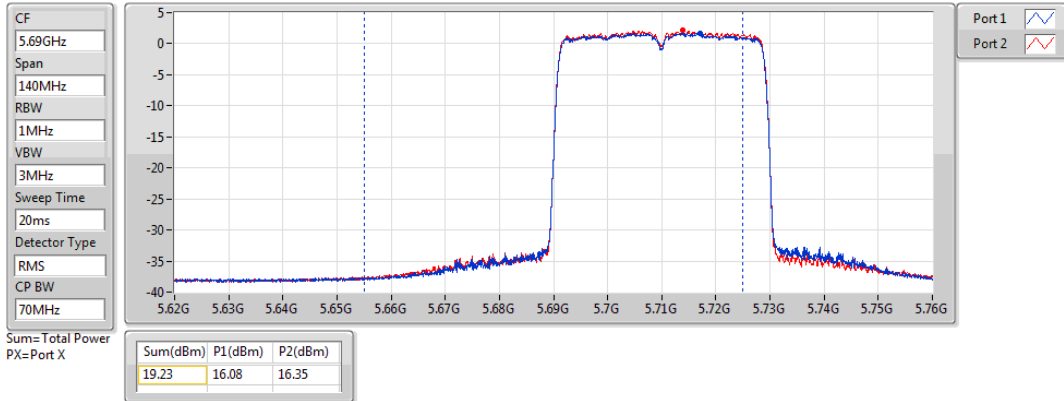


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

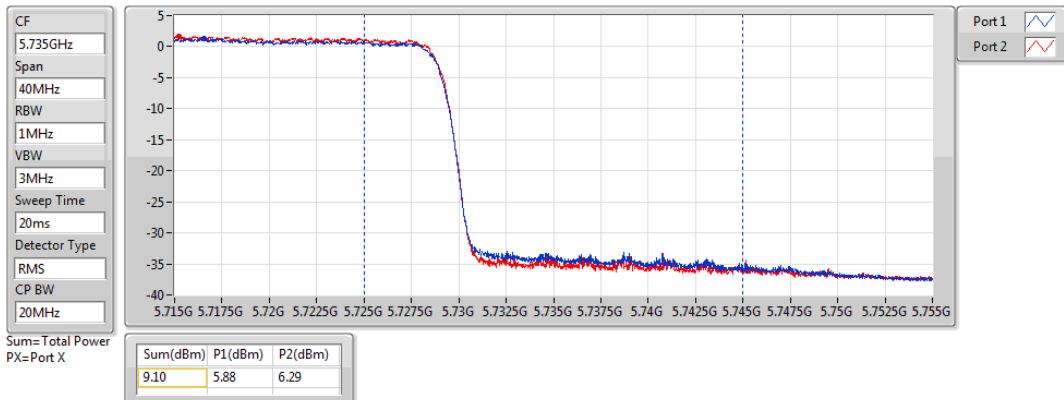


802.11ax HEW40\_Nss2,(MCS0)\_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

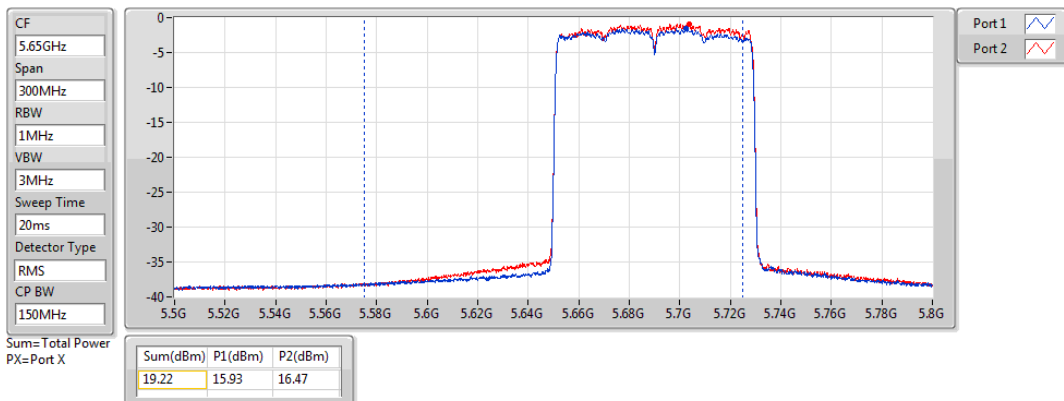


802.11ax HEW80\_Nss2,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/11/2019

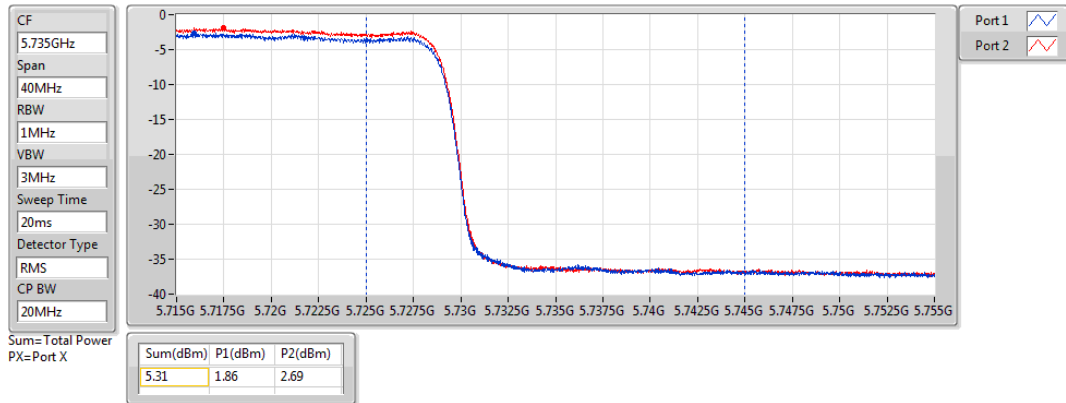


### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/11/2019

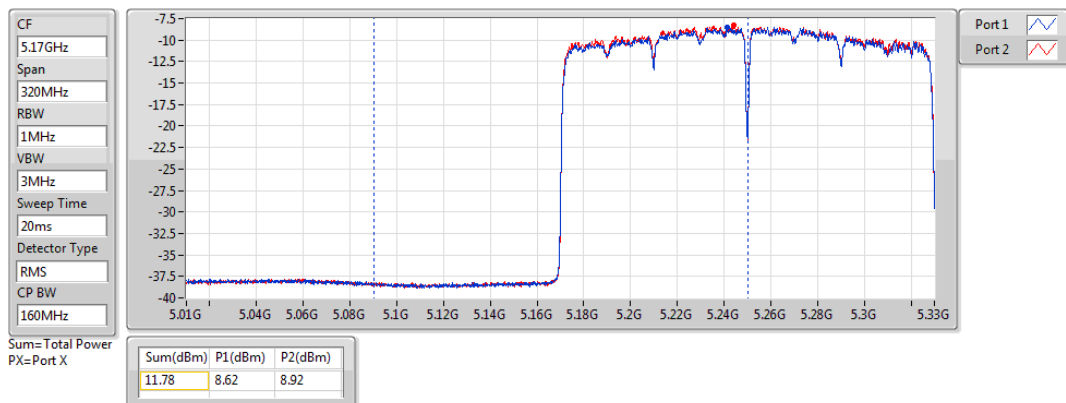


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/11/2019

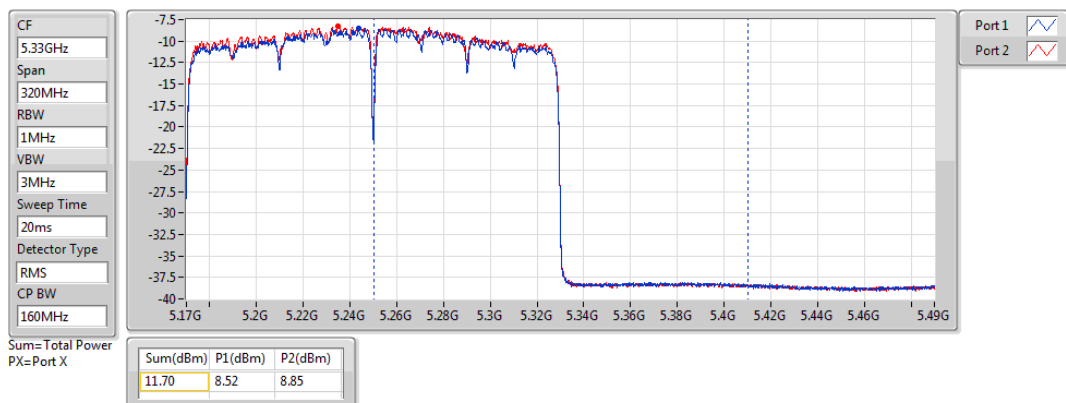


### 802.11ax HEW160\_Nss2,(MCS0)\_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/11/2019



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 12.77                | 0.01892            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 12.98                | 0.01986            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 12.74                | 0.01879            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 13.29                | 0.02133            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 16.45                | 0.04416            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 16.67                | 0.04645            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 12.72                | 0.01871            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 13.41                | 0.02193            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 16.63                | 0.04603            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 16.81                | 0.04797            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 12.95                | 0.01972            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 12.81                | 0.01910            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 13.36                | 0.02168            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 16.60                | 0.04571            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 18.95                | 0.07852            |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | 16.66                | 0.04634            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 13.45                | 0.02213            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 16.73                | 0.04710            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 19.16                | 0.08241            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 16.81                | 0.04797            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 5.93                 | 0.00392            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | 6.52                 | 0.00449            |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | 5.73                 | 0.00374            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | 4.91                 | 0.00310            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 7.37                 | 0.00546            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 6.39                 | 0.00436            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 5.44                 | 0.00350            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_4TX        | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 6.16            | 6.62            | 6.93            | 7.12            | 12.74                | 19.28                | 7                    |
| 5300MHz                         | Pass   | 10.70       | 6.05            | 6.82            | 7.09            | 6.33            | 12.61                | 19.28                | 7                    |
| 5320MHz                         | Pass   | 10.70       | 6.32            | 6.76            | 7.05            | 6.46            | 12.68                | 19.28                | 7                    |
| 5500MHz                         | Pass   | 10.70       | 6.26            | 7.08            | 6.69            | 6.43            | 12.65                | 19.28                | 6.75                 |
| 5580MHz                         | Pass   | 10.70       | 6.04            | 6.81            | 7.23            | 6.97            | 12.81                | 19.28                | 7                    |
| 5700MHz                         | Pass   | 10.70       | 6.26            | 6.58            | 6.76            | 6.90            | 12.65                | 19.28                | 6.75                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 5.88            | 6.22            | 6.39            | 6.38            | 12.24                | 18.26                | 6.75                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -0.46           | -0.19           | 0.23            | 0.01            | 5.93                 | 25.30                | 6.75                 |
| 802.11ac VHT20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 6.69            | 7.14            | 7.35            | 7.71            | 13.26                | 19.28                | 7.5                  |
| 5300MHz                         | Pass   | 10.70       | 6.82            | 7.22            | 7.71            | 7.07            | 13.24                | 19.28                | 7.5                  |
| 5320MHz                         | Pass   | 10.70       | 6.89            | 7.36            | 7.67            | 7.11            | 13.29                | 19.28                | 7.5                  |
| 5500MHz                         | Pass   | 10.70       | 7.08            | 7.34            | 7.54            | 7.25            | 13.33                | 19.28                | 7.5                  |
| 5580MHz                         | Pass   | 10.70       | 6.48            | 7.37            | 7.66            | 7.73            | 13.36                | 19.28                | 7.5                  |
| 5700MHz                         | Pass   | 10.70       | 6.67            | 7.21            | 7.55            | 7.42            | 13.25                | 19.28                | 7.25                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 5.81            | 6.19            | 6.36            | 6.32            | 12.20                | 18.29                | 7.25                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 0.06            | 0.50            | 0.76            | 0.64            | 6.52                 | 25.30                | 7.25                 |
| 802.11ac VHT40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 9.72            | 9.96            | 10.24           | 10.75           | 16.21                | 19.28                | 10.75                |
| 5310MHz                         | Pass   | 10.70       | 10.07           | 10.35           | 10.78           | 10.47           | 16.45                | 19.28                | 11                   |
| 5510MHz                         | Pass   | 10.70       | 10.15           | 10.28           | 10.34           | 10.24           | 16.27                | 19.28                | 10.75                |
| 5550MHz                         | Pass   | 10.70       | 10.32           | 10.85           | 10.73           | 10.39           | 16.60                | 19.28                | 11                   |
| 5670MHz                         | Pass   | 10.70       | 9.86            | 10.47           | 10.28           | 10.52           | 16.31                | 19.28                | 11                   |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 9.90            | 10.14           | 10.19           | 10.54           | 16.22                | 19.28                | 11.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -0.58           | -0.42           | -0.20           | 0.01            | 5.73                 | 25.30                | 11.25                |
| 802.11ac VHT80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 10.43           | 10.63           | 10.81           | 10.71           | 16.67                | 19.28                | 11.25                |
| 5530MHz                         | Pass   | 10.70       | 12.71           | 13.05           | 12.89           | 12.97           | 18.93                | 19.28                | 13.5                 |
| 5610MHz                         | Pass   | 10.70       | 12.53           | 13.49           | 12.53           | 12.69           | 18.85                | 19.28                | 13.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 12.64           | 13.07           | 12.82           | 13.18           | 18.95                | 19.28                | 13.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -1.68           | -1.06           | -0.94           | -0.80           | 4.91                 | 25.30                | 13.75                |
| 802.11ac VHT160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | --                   |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 6.45            | 6.61            | 7.31            | 6.56            | 12.77                | 25.30                | 10                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 6.33            | 6.46            | 7.23            | 6.74            | 12.72                | 19.28                | 10                   |
| 5570MHz                         | Pass   | 10.70       | 10.31           | 10.89           | 10.70           | 10.65           | 16.66                | 19.28                | 11.25                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 6.75            | 7.21            | 7.45            | 7.82            | 13.35                | 19.28                | 7.5                  |
| 5300MHz                         | Pass   | 10.70       | 6.89            | 7.31            | 7.80            | 7.14            | 13.32                | 19.28                | 7.5                  |
| 5320MHz                         | Pass   | 10.70       | 6.94            | 7.51            | 7.91            | 7.15            | 13.41                | 19.28                | 7.5                  |
| 5500MHz                         | Pass   | 10.70       | 7.10            | 7.43            | 7.57            | 7.35            | 13.39                | 19.28                | 7.5                  |
| 5580MHz                         | Pass   | 10.70       | 6.51            | 7.55            | 7.75            | 7.77            | 13.45                | 19.28                | 7.5                  |
| 5700MHz                         | Pass   | 10.70       | 6.75            | 7.24            | 7.59            | 7.51            | 13.31                | 19.28                | 7.25                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 6.35            | 6.64            | 6.88            | 6.84            | 12.70                | 18.27                | 7.25                 |

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 0.86            | 1.33            | 1.64            | 1.51            | 7.37                 | 25.30                | 7.25                 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 10.05           | 10.26           | 10.47           | 10.93           | 16.46                | 19.28                | 10.75                |
| 5310MHz                         | Pass   | 10.70       | 10.30           | 10.61           | 10.85           | 10.65           | 16.63                | 19.28                | 11                   |
| 5510MHz                         | Pass   | 10.70       | 10.54           | 10.69           | 10.64           | 10.47           | 16.61                | 19.28                | 10.75                |
| 5550MHz                         | Pass   | 10.70       | 10.45           | 10.95           | 10.77           | 10.67           | 16.73                | 19.28                | 11                   |
| 5670MHz                         | Pass   | 10.70       | 10.02           | 10.67           | 10.54           | 10.79           | 16.54                | 19.28                | 11                   |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 10.02           | 10.15           | 10.29           | 10.58           | 16.29                | 19.28                | 11.25                |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 0.02            | 0.19            | 0.49            | 0.73            | 6.39                 | 25.30                | 11.25                |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 10.46           | 10.76           | 10.95           | 10.98           | 16.81                | 19.28                | 11.25                |
| 5530MHz                         | Pass   | 10.70       | 12.91           | 13.32           | 13.05           | 13.26           | 19.16                | 19.28                | 13.5                 |
| 5610MHz                         | Pass   | 10.70       | 12.74           | 13.58           | 12.86           | 12.97           | 19.07                | 19.28                | 13.5                 |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 12.91           | 13.34           | 12.92           | 13.35           | 19.16                | 19.28                | 13.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -1.05           | -0.42           | -0.48           | -0.39           | 5.44                 | 25.30                | 13.75                |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 6.68            | 6.78            | 7.54            | 6.78            | 12.98                | 25.30                | 10                   |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 6.48            | 6.73            | 7.40            | 7.04            | 12.95                | 19.28                | 10                   |
| 5570MHz                         | Pass   | 10.70       | 10.51           | 10.97           | 10.86           | 10.82           | 16.81                | 19.28                | 11.25                |

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

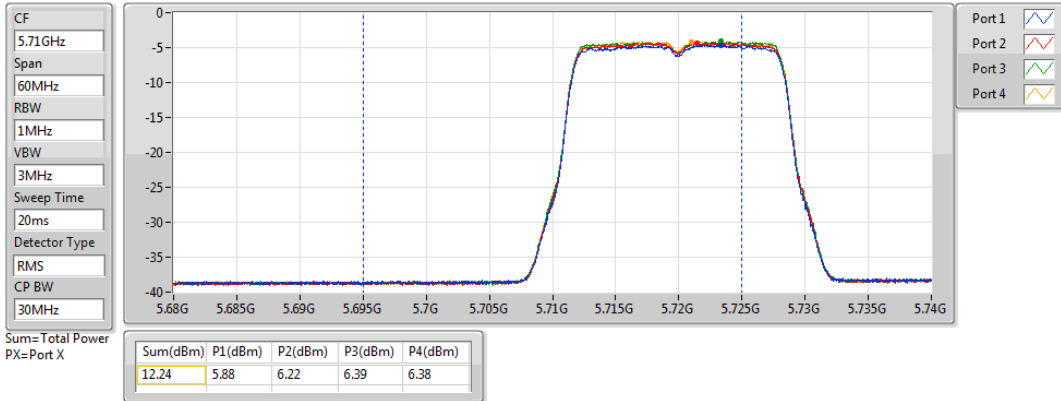
Note : Conducted setting = Pass conducted setting division 4

### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

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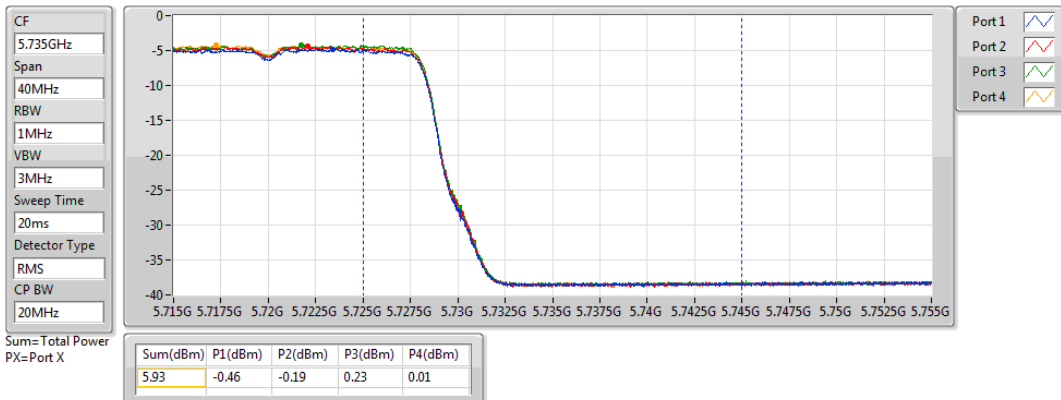


### 802.11a\_Nss1,(6Mbps)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

09/11/2019

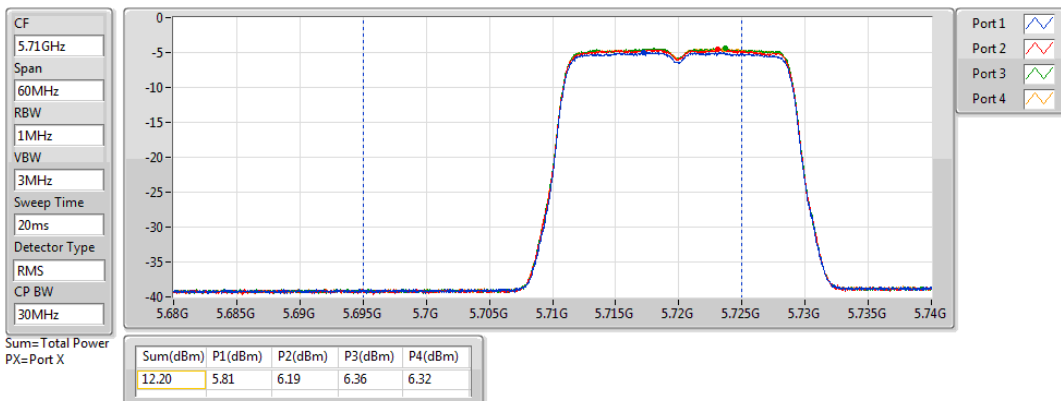


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

09/11/2019

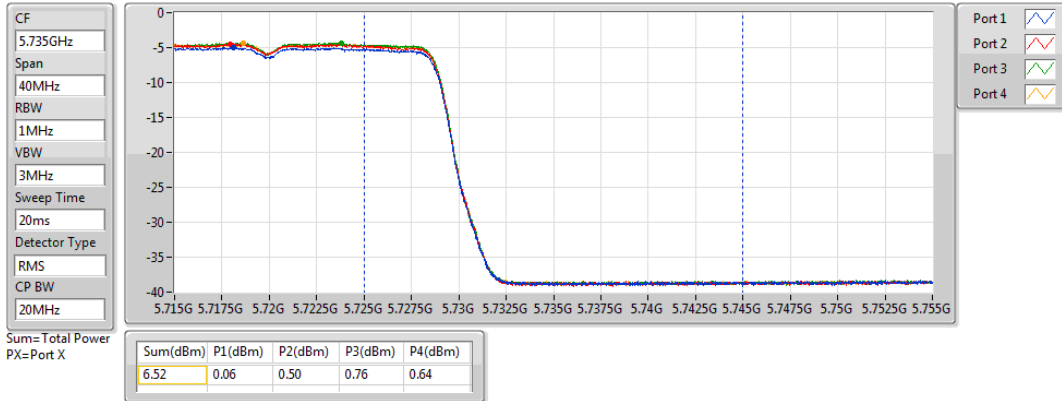


### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### AV Power

5720MHz Straddle 5.725-5.85GHz

09/11/2019

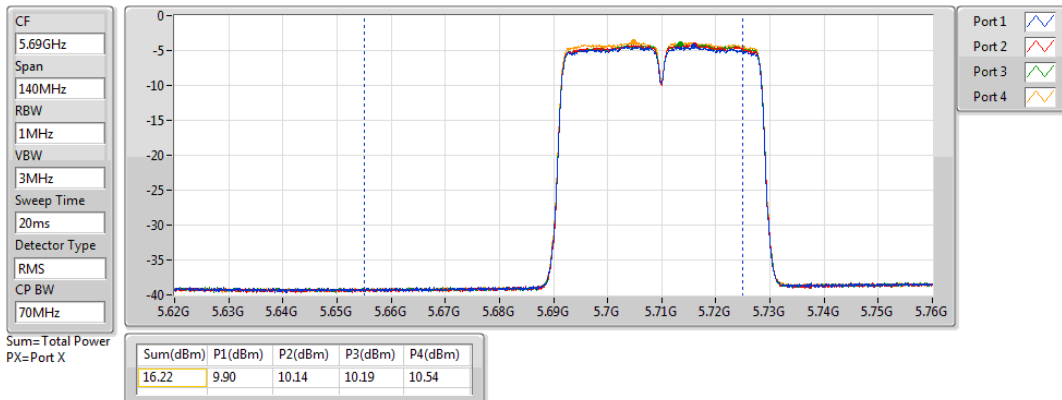


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

5710MHz Straddle 5.47-5.725GHz

09/11/2019

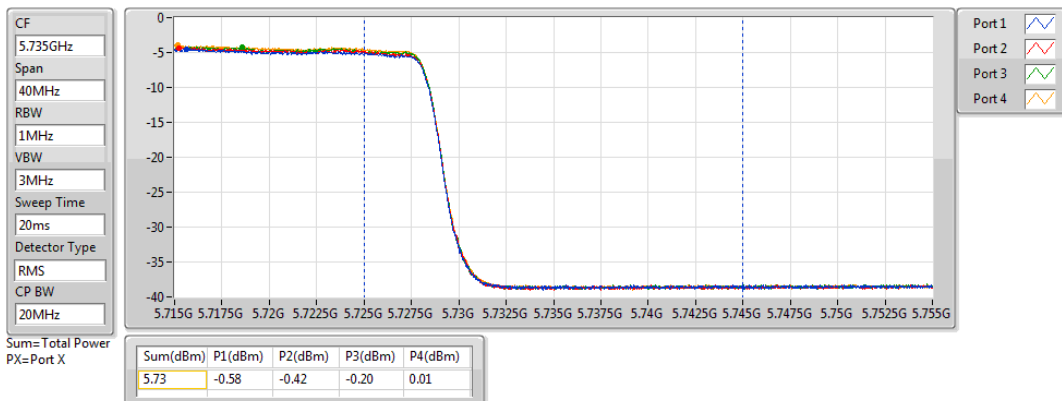


### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

### AV Power

5710MHz Straddle 5.725-5.85GHz

09/11/2019

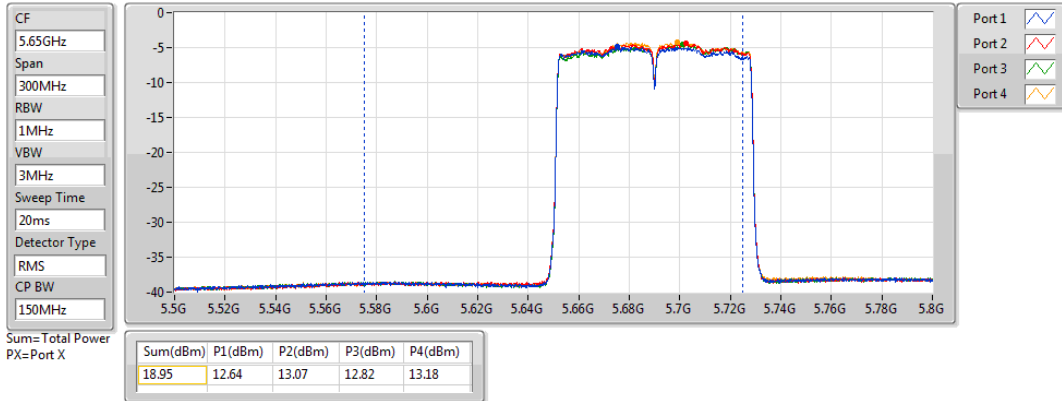


### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### AV Power

5690MHz Straddle 5.47-5.725GHz

09/11/2019

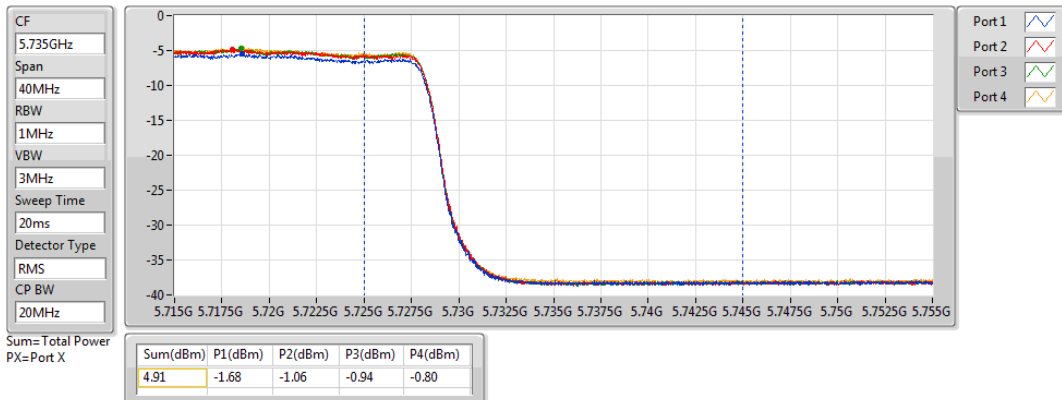


### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

09/11/2019

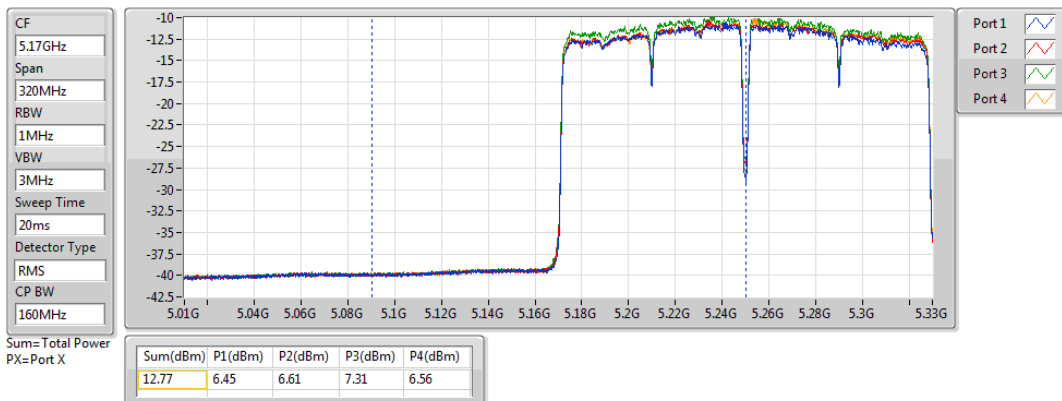


### 802.11ac VHT160\_Nss1,(MCS0)\_4TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

09/11/2019

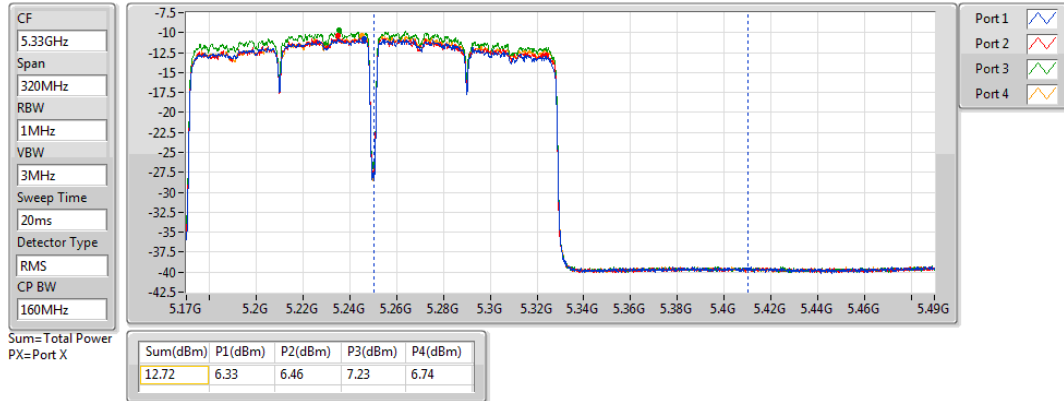


### 802.11ac VHT160\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

09/11/2019

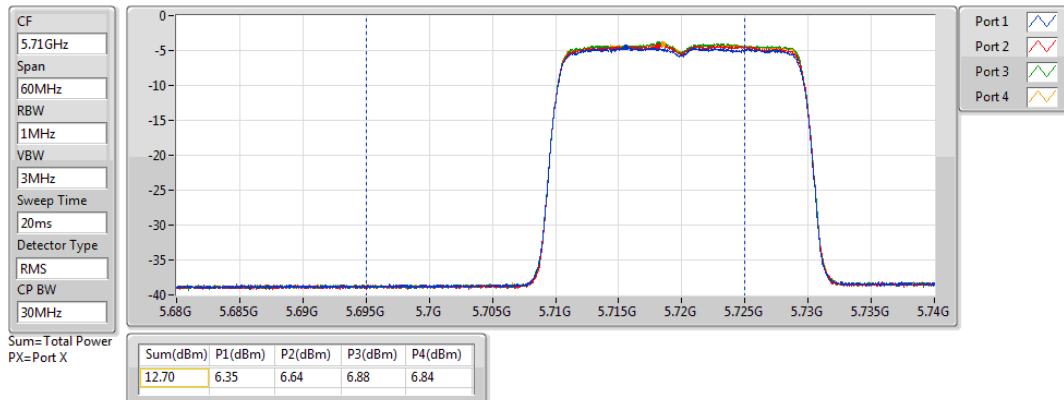


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

09/11/2019

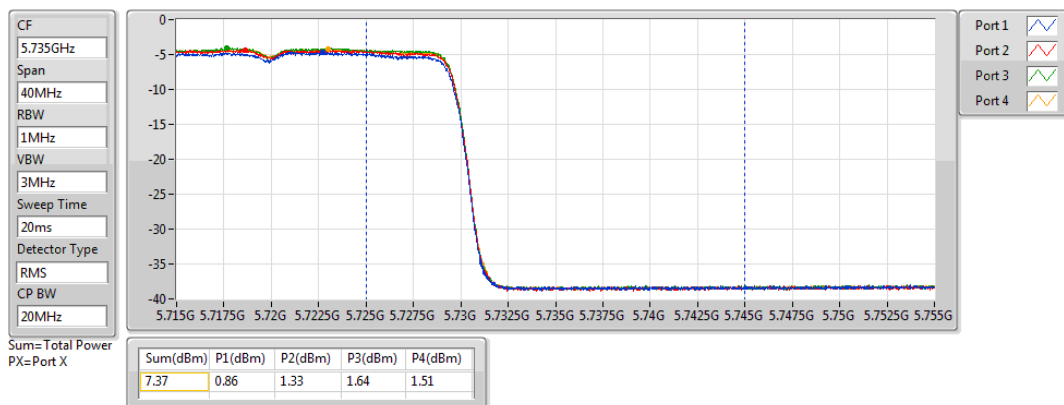


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

09/11/2019

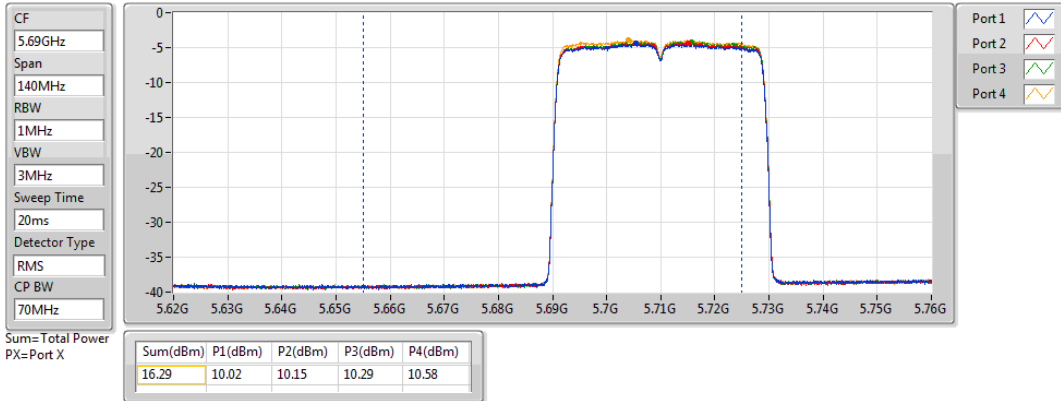


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

09/11/2019

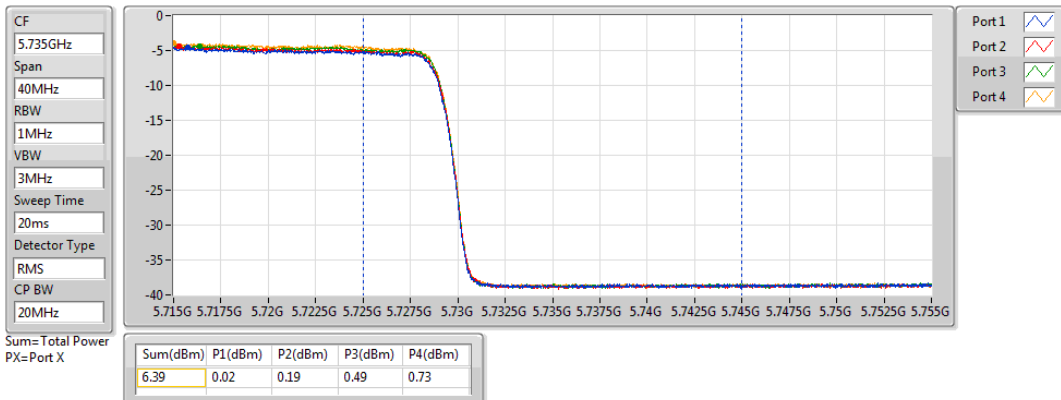


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

09/11/2019

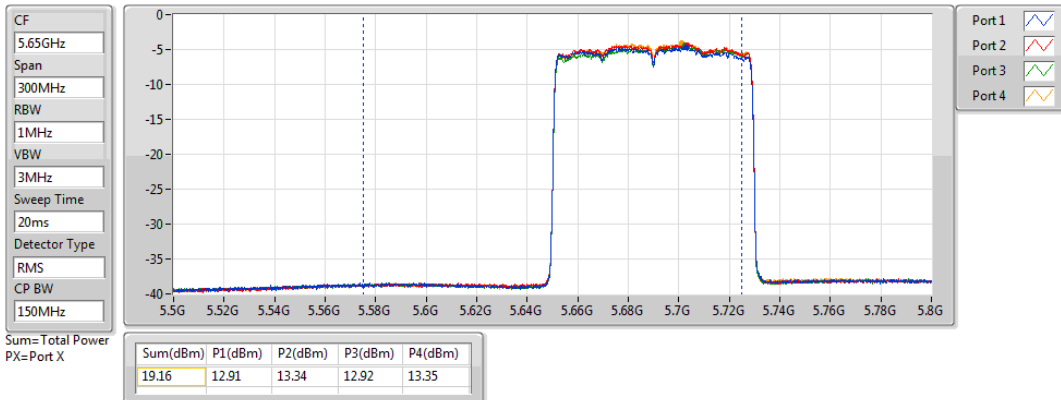


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz

09/11/2019

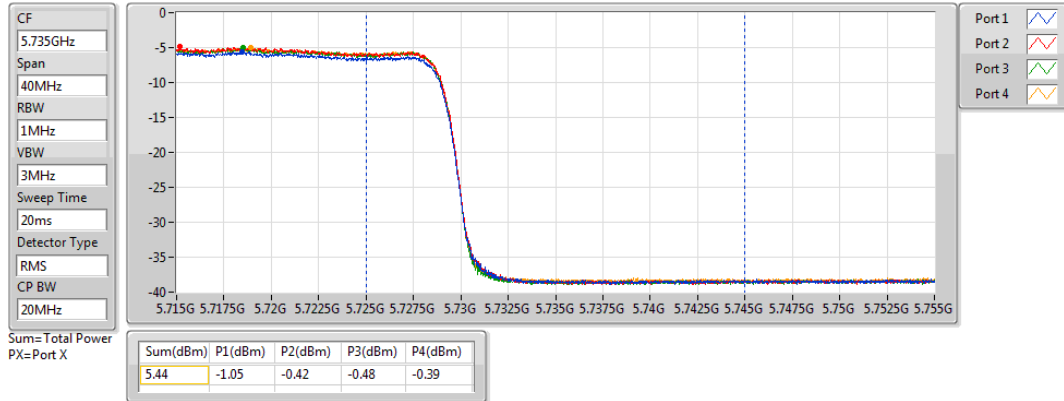


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

09/11/2019

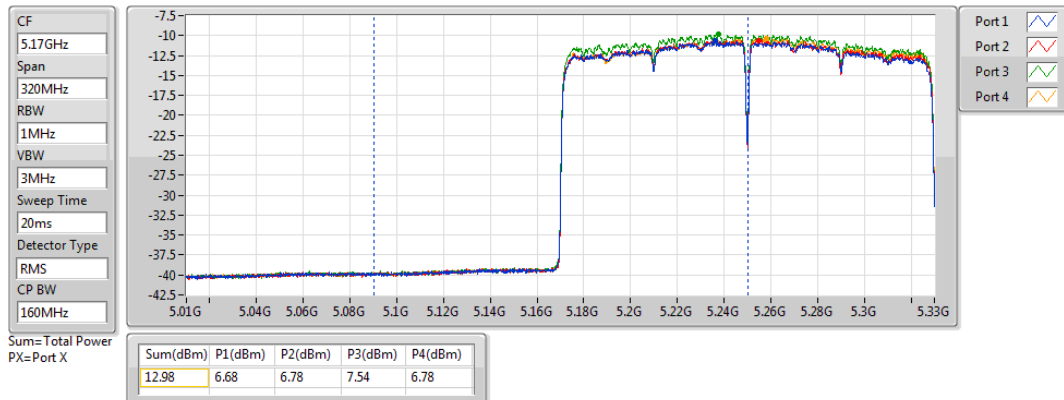


### 802.11ax HEW160\_Nss1,(MCS0)\_4TX

### AV Power

5250MHz Straddle 5.15-5.25GHz

09/11/2019

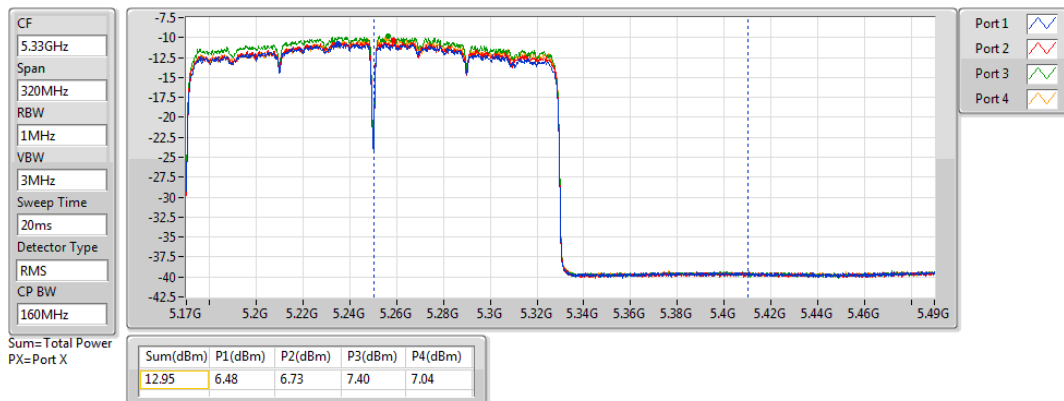


### 802.11ax HEW160\_Nss1,(MCS0)\_4TX

### AV Power

5250MHz Straddle 5.25-5.35GHz

09/11/2019



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) |
|------------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                       | -                    | -                  |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 12.98                | 0.01986            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 13.09                | 0.02037            |
| 5.25-5.35GHz                       | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 12.77                | 0.01892            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 12.76                | 0.01888            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 12.82                | 0.01914            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 13.00                | 0.01995            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 13.19                | 0.02084            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 13.11                | 0.02046            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 13.15                | 0.02065            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 13.12                | 0.02051            |
| 5.47-5.725GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 12.73                | 0.01875            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 12.97                | 0.01982            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | 12.96                | 0.01977            |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | 12.88                | 0.01941            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 13.10                | 0.02042            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 13.24                | 0.02109            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | 13.24                | 0.02109            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | 13.07                | 0.02028            |
| 5.725-5.85GHz                      | -                    | -                  |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | 6.22                 | 0.00419            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | 2.66                 | 0.00185            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | -1.26                | 0.00075            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | 6.99                 | 0.00500            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | 3.50                 | 0.00224            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | -0.17                | 0.00096            |

## Result

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                            | Pass   | 16.72       | 6.52            | 6.15            | 6.23            | 7.25            | 12.58                | 13.26                | 6.75                 |
| 5300MHz                            | Pass   | 16.72       | 6.85            | 6.28            | 6.46            | 6.71            | 12.60                | 13.26                | 6.75                 |
| 5320MHz                            | Pass   | 16.72       | 6.97            | 6.82            | 6.38            | 6.81            | 12.77                | 13.26                | 6.75                 |
| 5500MHz                            | Pass   | 16.72       | 6.76            | 7.42            | 6.34            | 6.22            | 12.73                | 13.26                | 6.5                  |
| 5580MHz                            | Pass   | 16.72       | 6.38            | 7.09            | 6.40            | 6.28            | 12.57                | 13.26                | 6.5                  |
| 5700MHz                            | Pass   | 16.72       | 6.34            | 8.16            | 6.17            | 5.72            | 12.72                | 13.26                | 6                    |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 5.73            | 7.28            | 5.22            | 4.77            | 11.88                | 12.26                | 5.75                 |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | 0.05            | 1.55            | -0.35           | -0.86           | 6.22                 | 19.28                | 5.75                 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                            | Pass   | 16.72       | 7.04            | 6.60            | 6.53            | 6.76            | 12.76                | 13.26                | 7                    |
| 5310MHz                            | Pass   | 16.72       | 7.12            | 6.65            | 6.59            | 6.50            | 12.74                | 13.26                | 7                    |
| 5510MHz                            | Pass   | 16.72       | 7.22            | 7.55            | 6.36            | 6.46            | 12.95                | 13.26                | 6.75                 |
| 5550MHz                            | Pass   | 16.72       | 7.18            | 7.42            | 6.64            | 6.49            | 12.97                | 13.26                | 6.75                 |
| 5670MHz                            | Pass   | 16.72       | 6.24            | 8.82            | 5.96            | 5.89            | 12.93                | 13.26                | 6.25                 |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 6.50            | 8.65            | 6.17            | 5.87            | 12.97                | 13.26                | 6.25                 |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | -3.82           | -1.65           | -4.10           | -4.47           | 2.66                 | 19.28                | 6.25                 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                            | Pass   | 16.72       | 7.33            | 6.84            | 6.61            | 6.36            | 12.82                | 13.26                | 7.25                 |
| 5530MHz                            | Pass   | 16.72       | 7.12            | 7.29            | 6.57            | 6.75            | 12.96                | 13.26                | 6.75                 |
| 5610MHz                            | Pass   | 16.72       | 6.63            | 8.54            | 5.75            | 5.56            | 12.81                | 13.26                | 6.25                 |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 6.88            | 8.43            | 6.04            | 5.81            | 12.94                | 13.26                | 6.25                 |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | -7.31           | -5.74           | -7.67           | -9.02           | -1.26                | 19.28                | 6.25                 |
| 802.11ac VHT160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 16.72       | 7.18            | 7.06            | 6.85            | 6.74            | 12.98                | 19.28                | 10.75                |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 16.72       | 7.03            | 6.98            | 6.79            | 7.10            | 13.00                | 13.26                | 10.75                |
| 5570MHz                            | Pass   | 16.72       | 6.90            | 5.83            | 7.36            | 7.18            | 12.88                | 13.26                | 7.75                 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                            | Pass   | 16.72       | 7.22            | 6.53            | 6.77            | 7.80            | 13.13                | 13.26                | 6.75                 |
| 5300MHz                            | Pass   | 16.72       | 7.34            | 7.04            | 6.89            | 7.30            | 13.17                | 13.26                | 6.75                 |
| 5320MHz                            | Pass   | 16.72       | 7.54            | 6.97            | 6.88            | 7.26            | 13.19                | 13.26                | 6.75                 |
| 5500MHz                            | Pass   | 16.72       | 7.26            | 7.65            | 6.53            | 6.80            | 13.10                | 13.26                | 6.5                  |
| 5580MHz                            | Pass   | 16.72       | 7.02            | 7.51            | 6.88            | 6.78            | 13.08                | 13.26                | 6.5                  |
| 5700MHz                            | Pass   | 16.72       | 6.89            | 8.38            | 6.39            | 6.13            | 13.06                | 13.26                | 6                    |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 6.07            | 7.54            | 5.58            | 5.20            | 12.21                | 12.24                | 5.75                 |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | 0.82            | 2.33            | 0.38            | -0.02           | 6.99                 | 19.28                | 5.75                 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                            | Pass   | 16.72       | 7.44            | 6.76            | 6.97            | 7.02            | 13.08                | 13.26                | 7                    |
| 5310MHz                            | Pass   | 16.72       | 7.54            | 6.96            | 7.03            | 6.80            | 13.11                | 13.26                | 7                    |
| 5510MHz                            | Pass   | 16.72       | 7.42            | 7.83            | 6.73            | 6.82            | 13.24                | 13.26                | 6.75                 |
| 5550MHz                            | Pass   | 16.72       | 7.37            | 7.63            | 6.98            | 6.74            | 13.21                | 13.26                | 6.75                 |
| 5670MHz                            | Pass   | 16.72       | 6.57            | 9.12            | 6.24            | 6.17            | 13.23                | 13.26                | 6.25                 |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 6.79            | 8.86            | 6.33            | 6.26            | 13.22                | 13.26                | 6.25                 |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | -3.03           | -0.77           | -3.33           | -3.59           | 3.50                 | 19.28                | 6.25                 |



## Average Power

## Appendix B.14

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                            | Pass   | 16.72       | 7.55            | 7.20            | 6.93            | 6.82            | 13.15                | 13.26                | 7.25                 |
| 5530MHz                            | Pass   | 16.72       | 7.44            | 7.53            | 6.78            | 6.92            | 13.20                | 13.26                | 6.75                 |
| 5610MHz                            | Pass   | 16.72       | 6.81            | 8.89            | 5.96            | 5.84            | 13.08                | 13.26                | 6.25                 |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 16.72       | 7.22            | 8.71            | 6.31            | 6.13            | 13.24                | 13.26                | 6.25                 |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 16.72       | -6.32           | -4.76           | -6.80           | -7.35           | -0.17                | 19.28                | 6.25                 |
| 802.11ax HEW160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 16.72       | 7.26            | 7.25            | 6.94            | 6.79            | 13.09                | 19.28                | 10.75                |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 16.72       | 7.17            | 7.01            | 7.01            | 7.19            | 13.12                | 13.26                | 10.75                |
| 5570MHz                            | Pass   | 16.72       | 7.15            | 6.02            | 7.43            | 7.46            | 13.07                | 13.26                | 7.75                 |

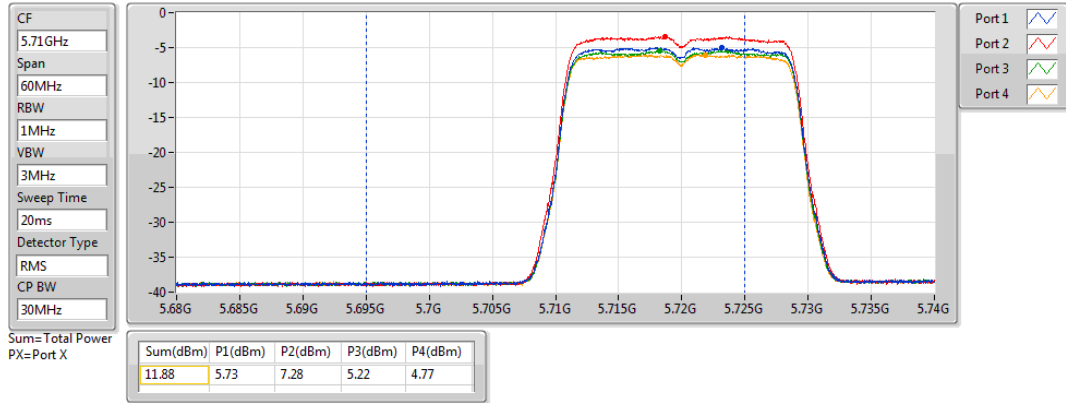
**DG** = Directional Gain; **Port X** = Port X output power

**Note** : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

AV Power

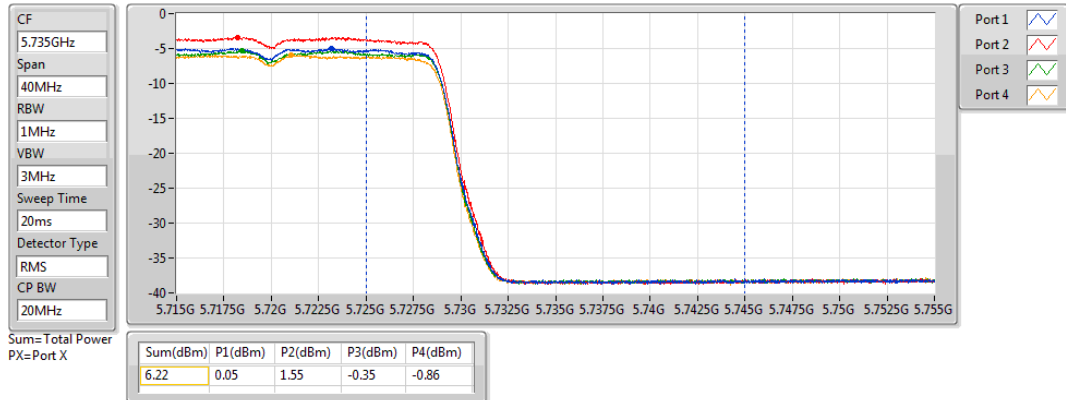
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

AV Power

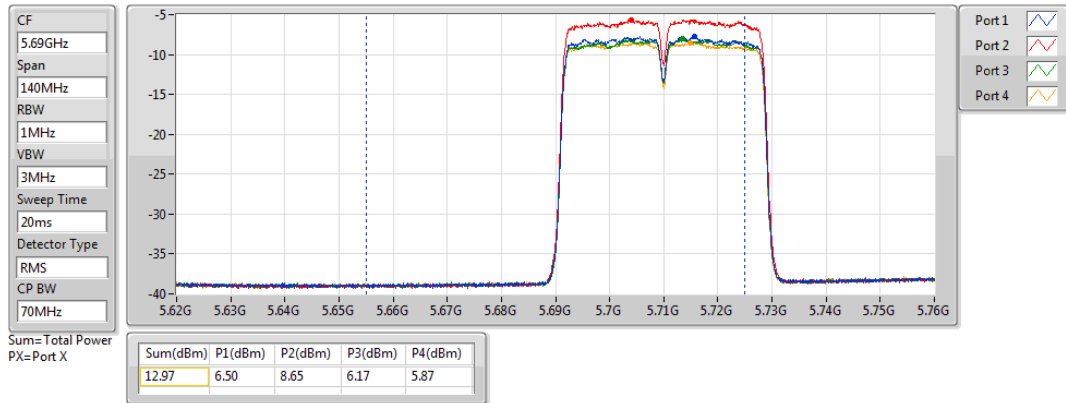
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

AV Power

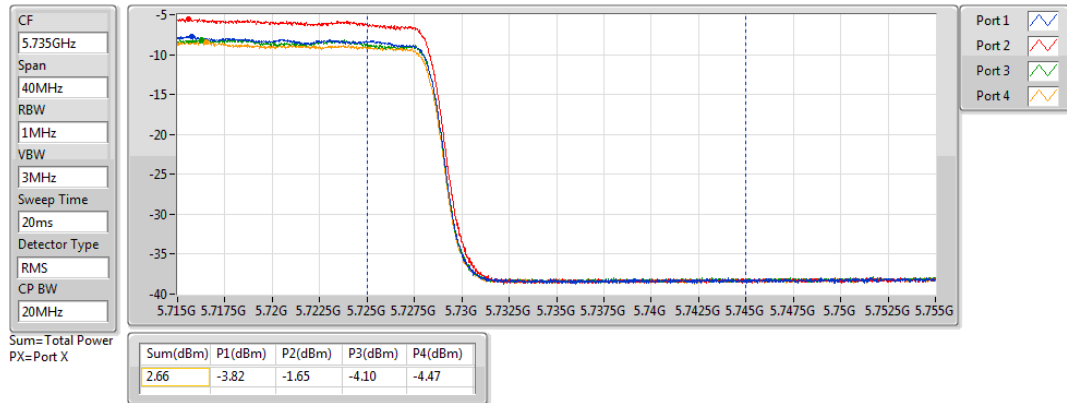
5710MHz Straddle 5.47-5.725GHz



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

## AV Power

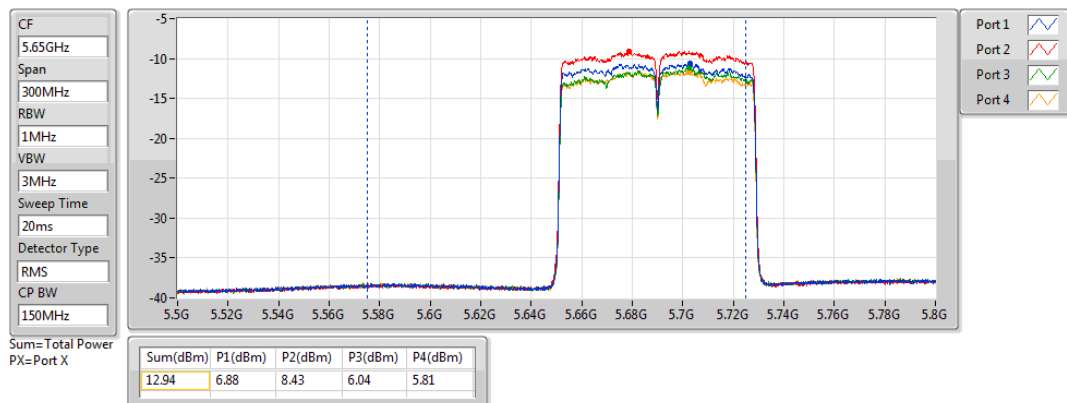
### 5710MHz Straddle 5.725-5.85GHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

## AV Power

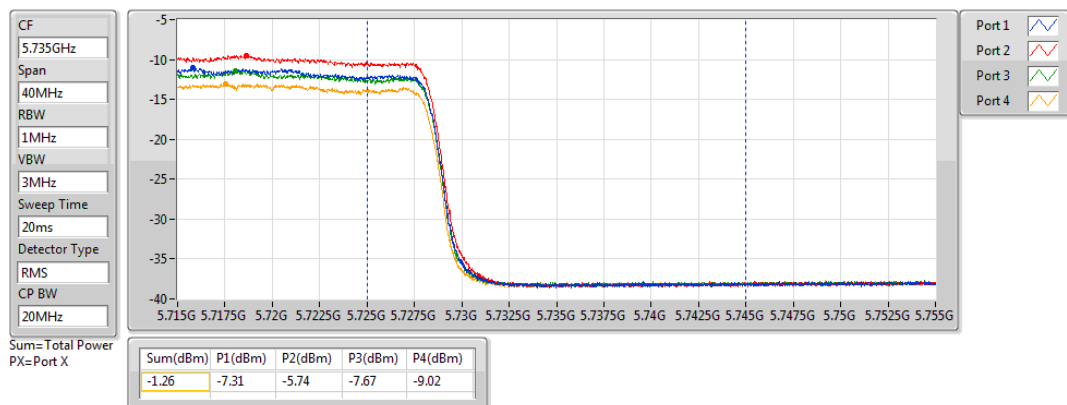
### 5690MHz Straddle 5.47-5.725GHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5690MHz Straddle 5.725-5.85GHz

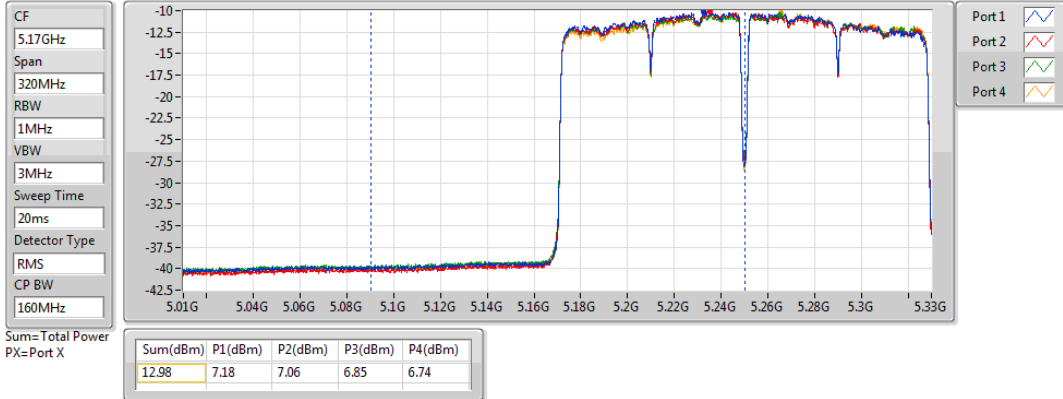


### 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.15-5.25GHz

12/11/2019

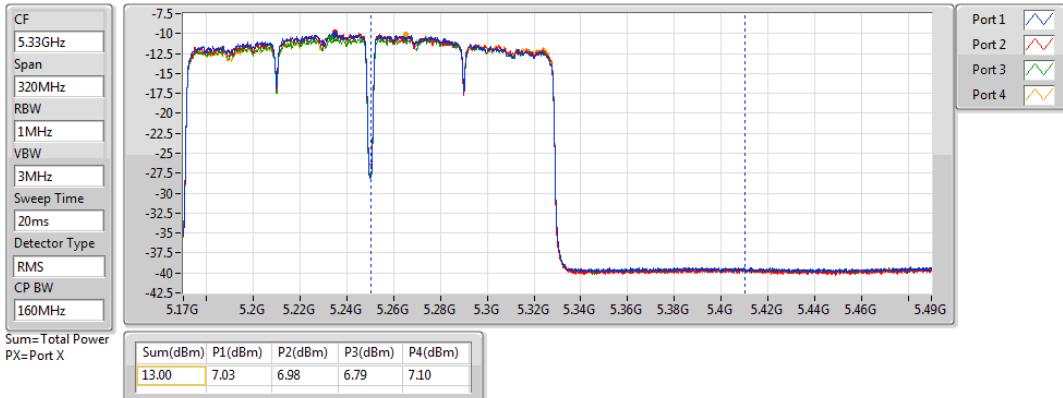


### 802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5250MHz Straddle 5.25-5.35GHz

12/11/2019

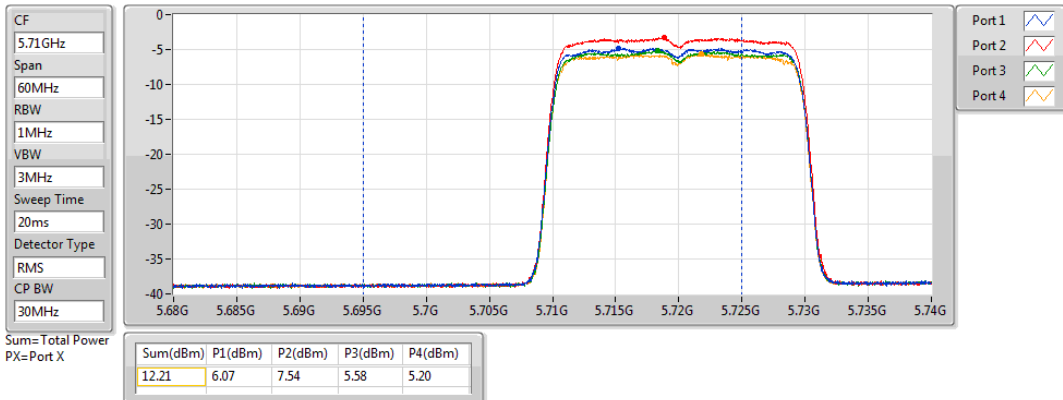


### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

12/11/2019

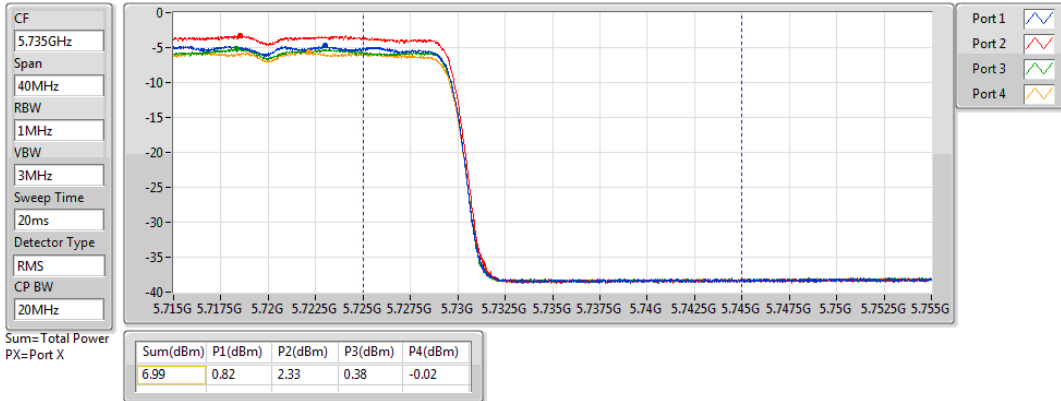


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

12/11/2019

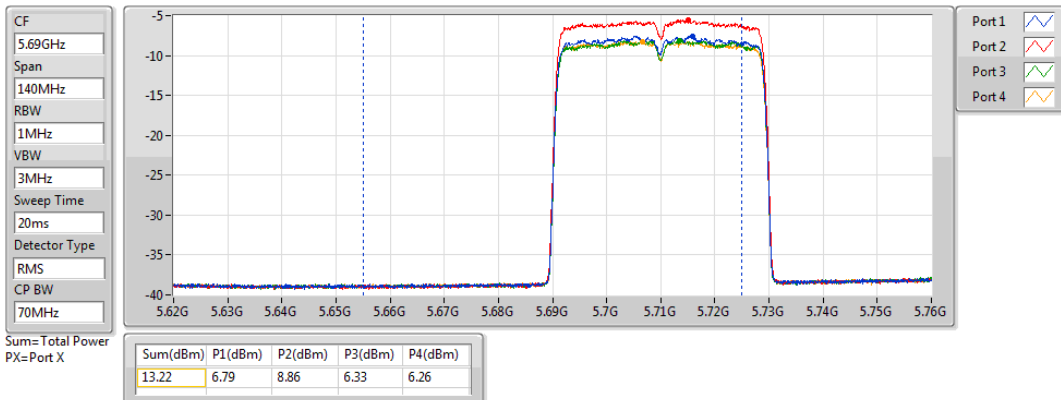


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

12/11/2019

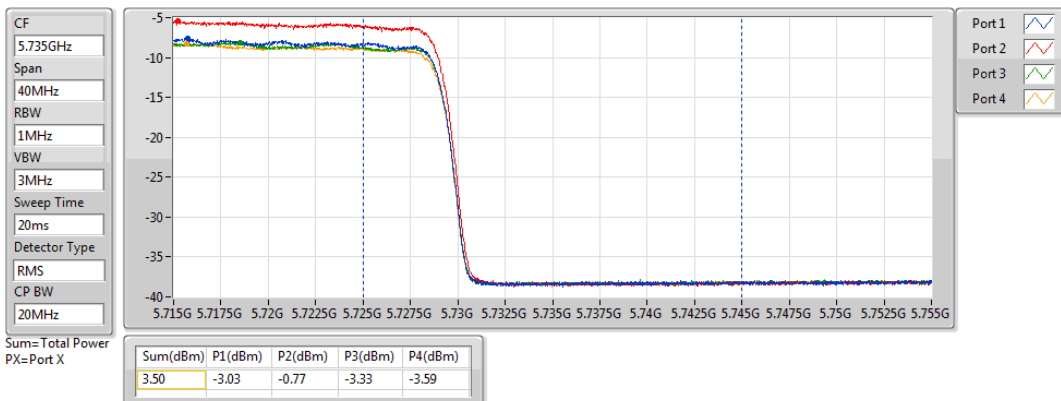


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

## AV Power

### 5710MHz Straddle 5.725-5.85GHz

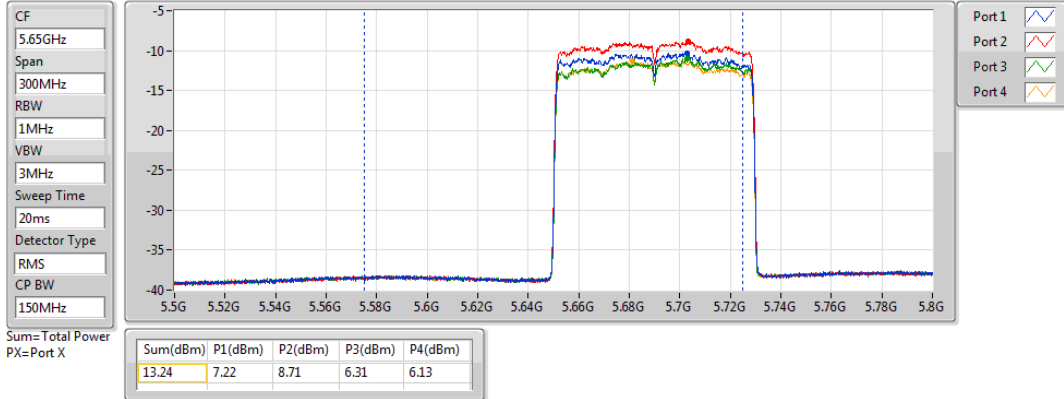
12/11/2019



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

AV Power

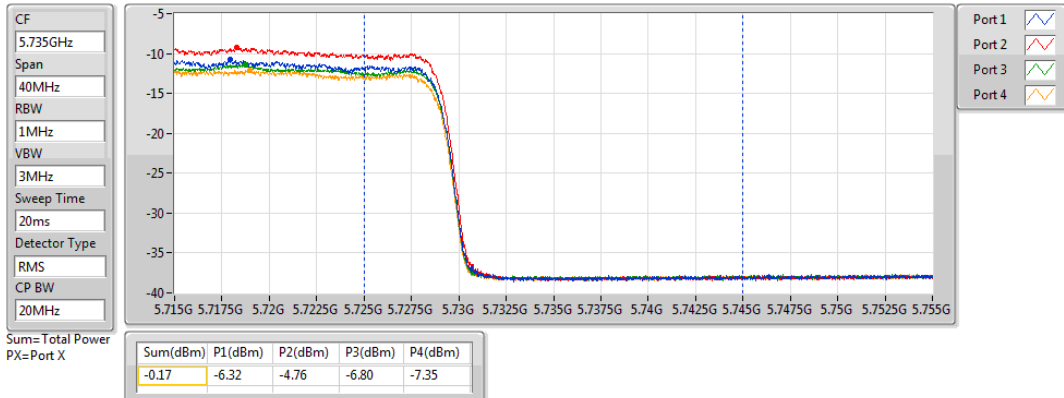
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

AV Power

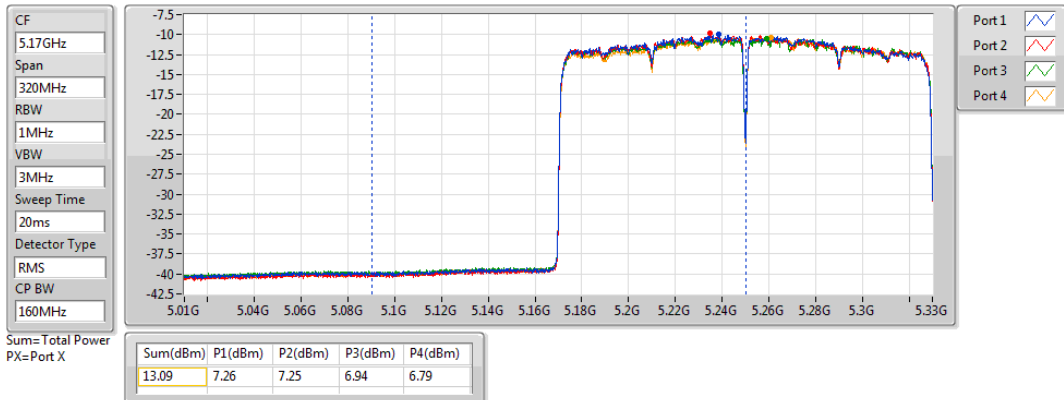
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

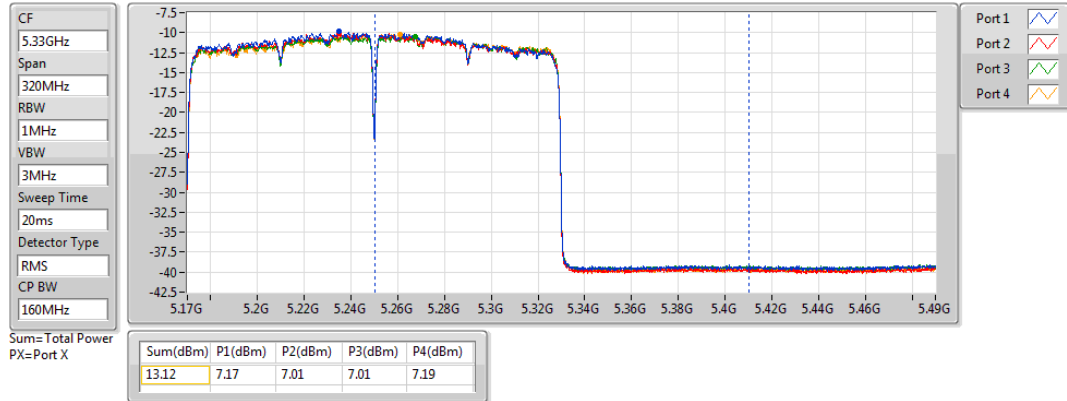


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

12/11/2019





**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 13.03                | 0.02009            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 13.18                | 0.02080            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 19.03                | 0.07998            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 18.94                | 0.07834            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 16.97                | 0.04977            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 13.02                | 0.02004            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 19.26                | 0.08433            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 19.24                | 0.08395            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 17.15                | 0.05188            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 13.12                | 0.02051            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 18.95                | 0.07852            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 19.08                | 0.08091            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 19.03                | 0.07998            |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | 16.41                | 0.04375            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 19.24                | 0.08395            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 19.26                | 0.08433            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 19.24                | 0.08395            |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | 16.79                | 0.04775            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | 12.29                | 0.01694            |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | 8.52                 | 0.00711            |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | 5.07                 | 0.00321            |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | 12.62                | 0.01828            |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | 9.26                 | 0.00843            |
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | 5.91                 | 0.00390            |

## Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ac VHT20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 12.28           | 12.93           | 13.04           | 13.68           | 19.03                | 19.28                | 13.5                 |
| 5300MHz                         | Pass   | 10.70       | 12.48           | 13.02           | 13.18           | 13.10           | 18.97                | 19.28                | 13.5                 |
| 5320MHz                         | Pass   | 10.70       | 12.42           | 12.95           | 13.24           | 13.02           | 18.94                | 19.28                | 13.5                 |
| 5500MHz                         | Pass   | 10.70       | 12.63           | 12.85           | 12.91           | 12.84           | 18.83                | 19.28                | 13.5                 |
| 5580MHz                         | Pass   | 10.70       | 12.23           | 12.98           | 13.10           | 13.09           | 18.89                | 19.28                | 13.5                 |
| 5700MHz                         | Pass   | 10.70       | 12.51           | 13.09           | 12.98           | 13.11           | 18.95                | 19.28                | 13.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 11.57           | 12.01           | 11.92           | 12.15           | 17.94                | 18.28                | 13.5                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 5.88            | 6.33            | 6.35            | 6.51            | 12.29                | 25.30                | 13.5                 |
| 802.11ac VHT40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 12.53           | 12.76           | 12.93           | 13.41           | 18.94                | 19.28                | 13.75                |
| 5310MHz                         | Pass   | 10.70       | 11.01           | 11.48           | 11.68           | 11.56           | 17.46                | 19.28                | 12.25                |
| 5510MHz                         | Pass   | 10.70       | 12.54           | 12.79           | 12.66           | 12.72           | 18.70                | 19.28                | 13.5                 |
| 5550MHz                         | Pass   | 10.70       | 12.62           | 12.95           | 13.03           | 12.85           | 18.89                | 19.28                | 13.75                |
| 5670MHz                         | Pass   | 10.70       | 12.58           | 13.30           | 13.02           | 13.29           | 19.08                | 19.28                | 14                   |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 12.40           | 12.67           | 12.84           | 13.16           | 18.80                | 19.28                | 14                   |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 1.98            | 2.33            | 2.69            | 2.95            | 8.52                 | 25.30                | 14                   |
| 802.11ac VHT80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 10.62           | 11.02           | 10.93           | 11.21           | 16.97                | 19.28                | 11.75                |
| 5530MHz                         | Pass   | 10.70       | 12.70           | 13.03           | 13.01           | 13.07           | 18.98                | 19.28                | 13.75                |
| 5610MHz                         | Pass   | 10.70       | 12.62           | 13.60           | 12.70           | 13.03           | 19.03                | 19.28                | 13.75                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 12.68           | 13.10           | 12.85           | 13.18           | 18.98                | 19.28                | 13.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -1.43           | -0.88           | -0.79           | -0.72           | 5.07                 | 25.30                | 13.75                |
| 802.11ac VHT160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 6.63            | 6.90            | 7.69            | 6.72            | 13.03                | 25.30                | 10.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 6.57            | 6.87            | 7.51            | 7.01            | 13.02                | 19.28                | 10.25                |
| 5570MHz                         | Pass   | 10.70       | 10.07           | 10.60           | 10.53           | 10.33           | 16.41                | 19.28                | 11                   |
| 802.11ax HEW20_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5260MHz                         | Pass   | 10.70       | 12.69           | 13.06           | 13.26           | 13.85           | 19.26                | 19.28                | 13.5                 |
| 5300MHz                         | Pass   | 10.70       | 12.67           | 13.35           | 13.45           | 13.41           | 19.25                | 19.28                | 13.5                 |
| 5320MHz                         | Pass   | 10.70       | 12.76           | 13.28           | 13.52           | 13.23           | 19.23                | 19.28                | 13.5                 |
| 5500MHz                         | Pass   | 10.70       | 13.06           | 13.12           | 13.21           | 13.27           | 19.19                | 19.28                | 13.5                 |
| 5580MHz                         | Pass   | 10.70       | 12.41           | 13.13           | 13.29           | 13.47           | 19.11                | 19.28                | 13.5                 |
| 5700MHz                         | Pass   | 10.70       | 12.89           | 13.28           | 13.19           | 13.51           | 19.24                | 19.28                | 13.5                 |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 11.71           | 12.13           | 11.99           | 12.46           | 18.10                | 18.24                | 13.5                 |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 6.22            | 6.69            | 6.59            | 6.87            | 12.62                | 25.30                | 13.5                 |
| 802.11ax HEW40_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5270MHz                         | Pass   | 10.70       | 12.87           | 13.11           | 13.24           | 13.63           | 19.24                | 19.28                | 13.75                |
| 5310MHz                         | Pass   | 10.70       | 11.29           | 11.67           | 11.88           | 11.74           | 17.67                | 19.28                | 12.25                |
| 5510MHz                         | Pass   | 10.70       | 12.83           | 12.94           | 13.07           | 12.89           | 18.95                | 19.28                | 13.5                 |
| 5550MHz                         | Pass   | 10.70       | 12.96           | 13.23           | 13.33           | 13.11           | 19.18                | 19.28                | 13.75                |
| 5670MHz                         | Pass   | 10.70       | 12.84           | 13.32           | 13.28           | 13.50           | 19.26                | 19.28                | 14                   |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 12.82           | 12.81           | 13.07           | 13.39           | 19.05                | 19.28                | 14                   |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | 2.91            | 3.08            | 3.40            | 3.55            | 9.26                 | 25.30                | 14                   |

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | Conducted<br>setting |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|----------------------|
| 802.11ax HEW80_Nss4,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5290MHz                         | Pass   | 10.70       | 10.77           | 11.13           | 11.20           | 11.40           | 17.15                | 19.28                | 11.75                |
| 5530MHz                         | Pass   | 10.70       | 12.95           | 13.19           | 13.17           | 13.31           | 19.18                | 19.28                | 13.75                |
| 5610MHz                         | Pass   | 10.70       | 12.89           | 13.87           | 12.92           | 13.14           | 19.24                | 19.28                | 13.75                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 10.70       | 13.04           | 13.44           | 12.92           | 13.42           | 19.23                | 19.28                | 13.75                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 10.70       | -0.59           | 0.01            | -0.01           | 0.13            | 5.91                 | 25.30                | 13.75                |
| 802.11ax HEW160_Nss4,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 10.70       | 6.76            | 7.07            | 7.86            | 6.85            | 13.18                | 25.30                | 10.25                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 10.70       | 6.70            | 6.98            | 7.56            | 7.10            | 13.12                | 19.28                | 10.25                |
| 5570MHz                         | Pass   | 10.70       | 10.43           | 10.98           | 10.86           | 10.77           | 16.79                | 19.28                | 11                   |

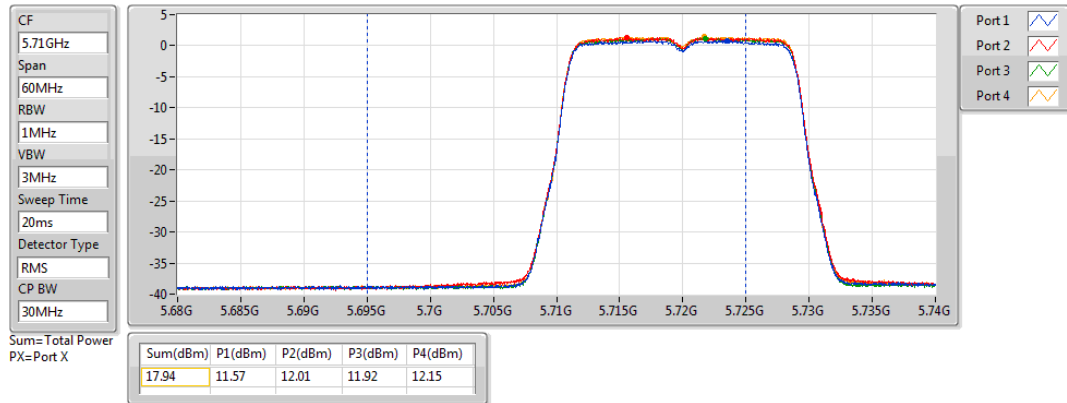
**DG** = Directional Gain; **Port X** = Port X output power

**Note : Conducted setting = Pass conducted setting division 4**

### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

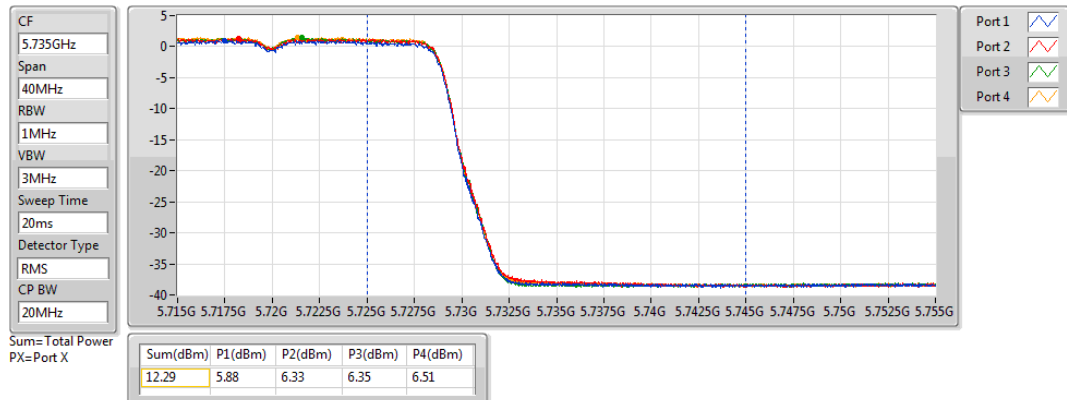
#### 5720MHz Straddle 5.47-5.725GHz



### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### AV Power

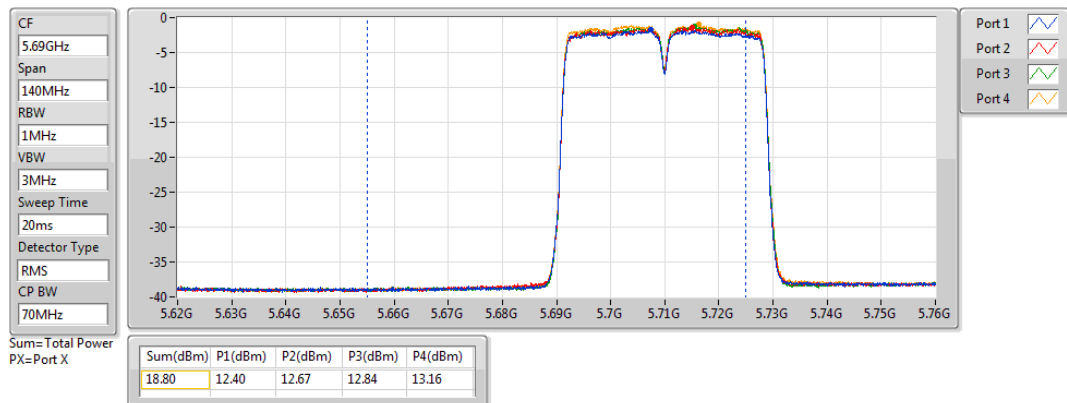
#### 5720MHz Straddle 5.725-5.85GHz



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

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

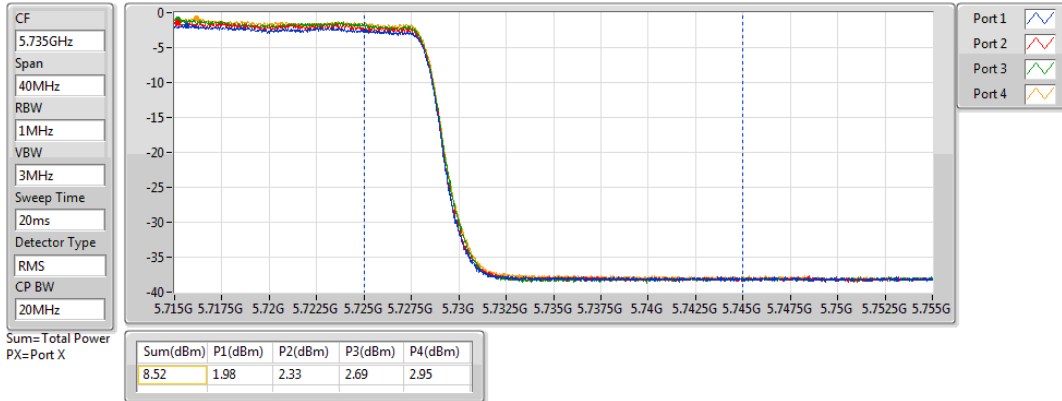


802.11ac VHT40\_Nss4,(MCS0)\_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

10/11/2019

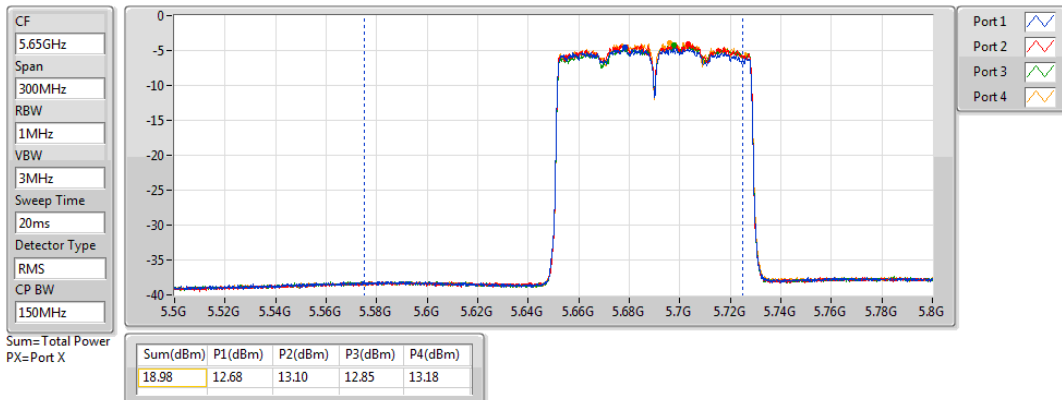


802.11ac VHT80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

10/11/2019

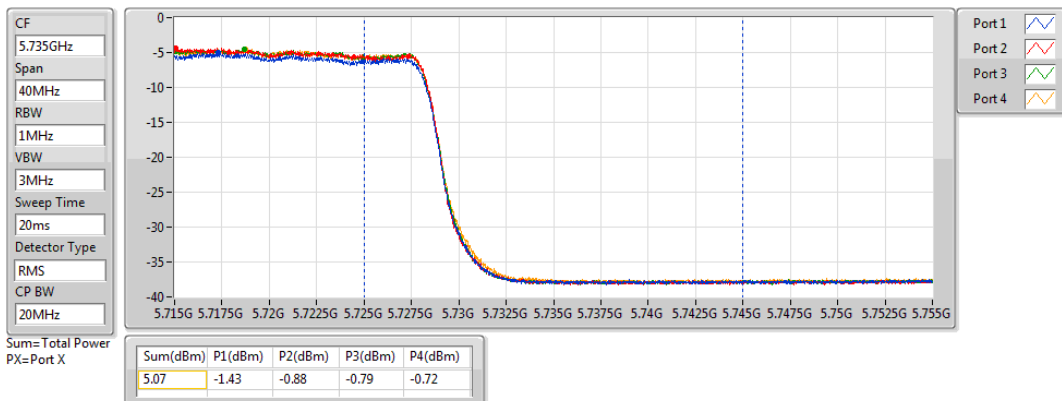


802.11ac VHT80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

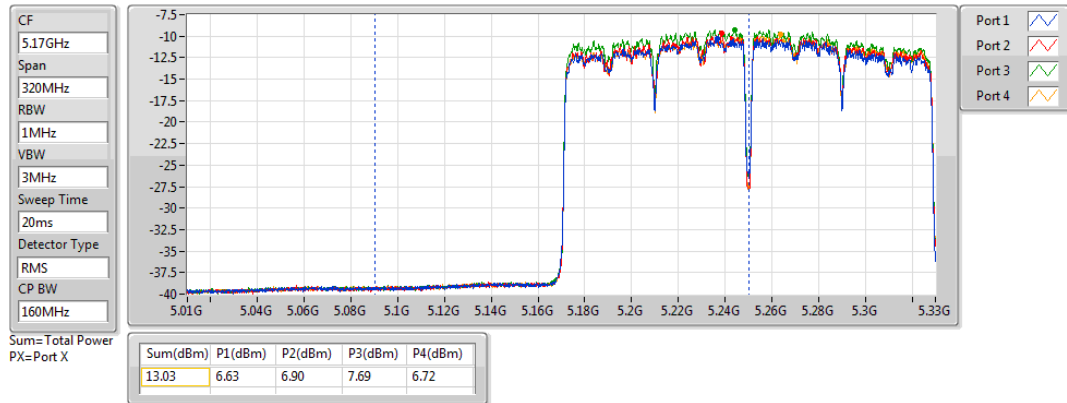
10/11/2019



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

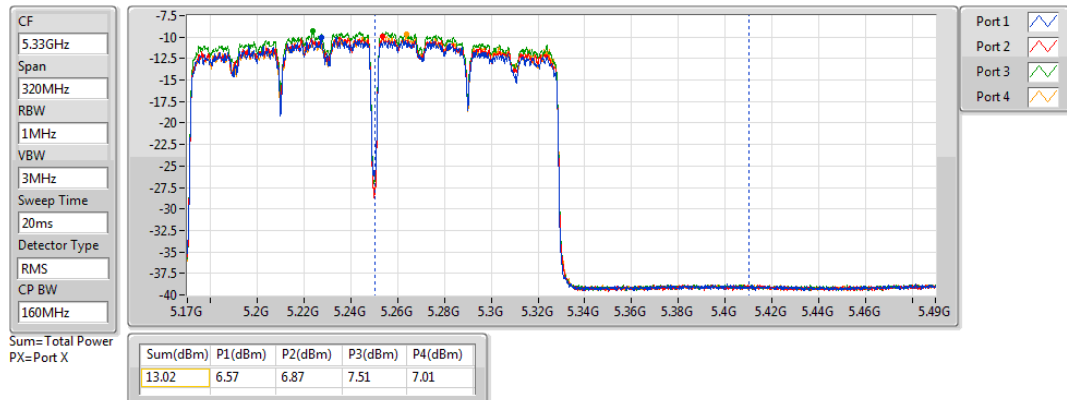
#### 5250MHz Straddle 5.15-5.25GHz



### 802.11ac VHT160\_Nss4,(MCS0)\_4TX

### AV Power

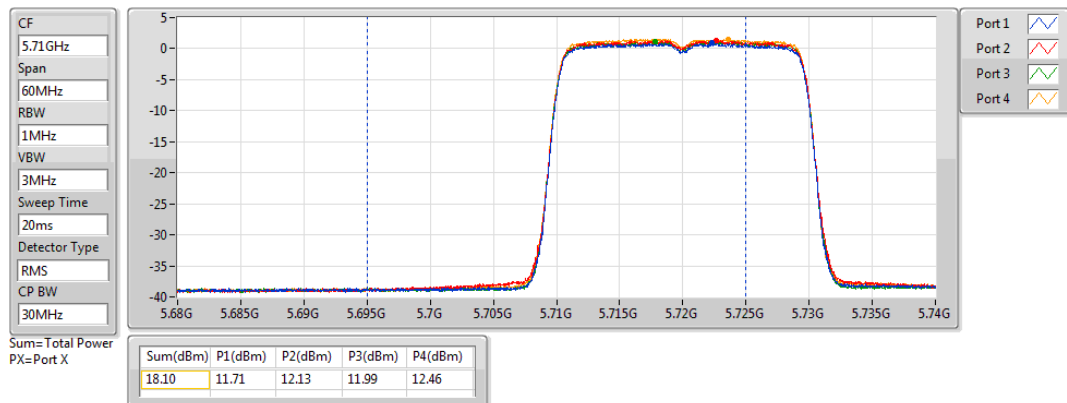
#### 5250MHz Straddle 5.25-5.35GHz



### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

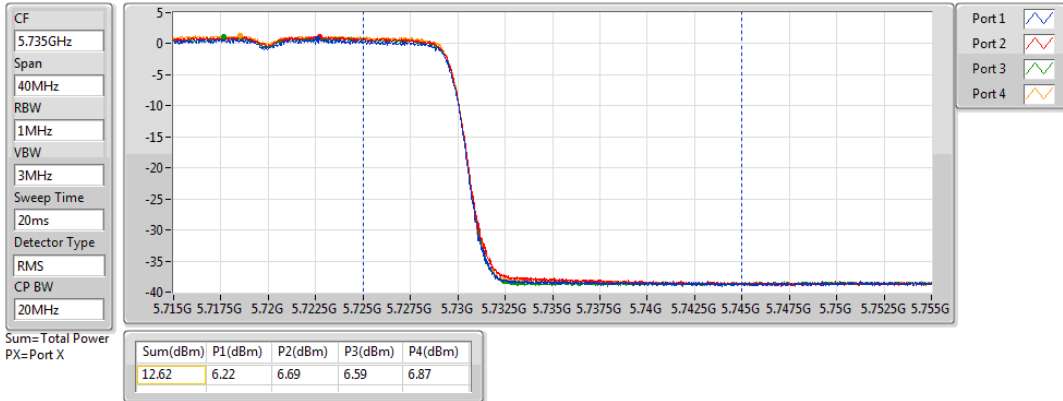


### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

09/11/2019

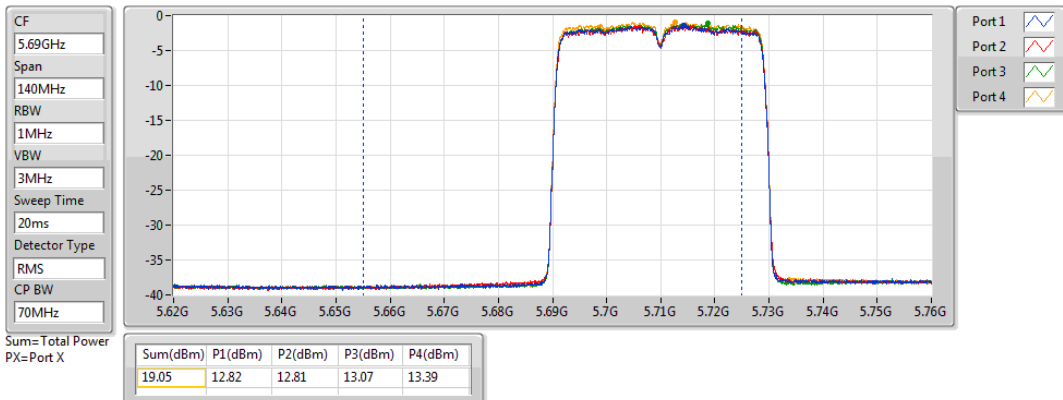


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

09/11/2019

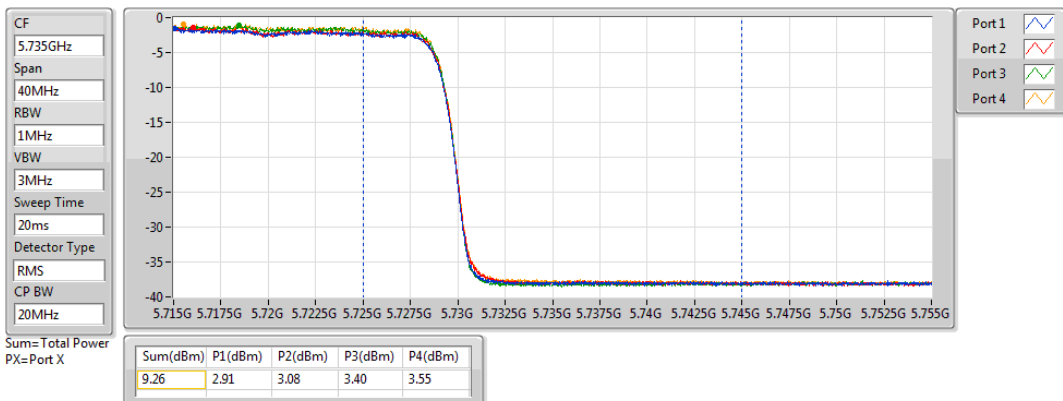


### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz

09/11/2019

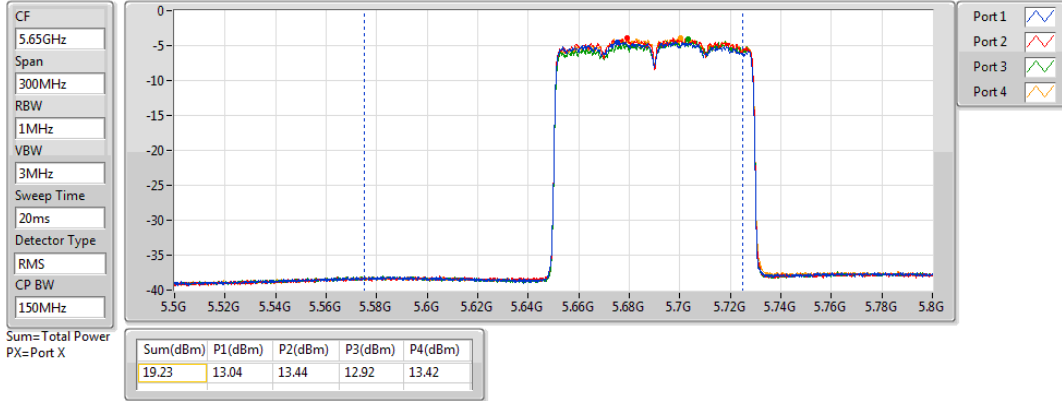


802.11ax HEW80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

10/11/2019

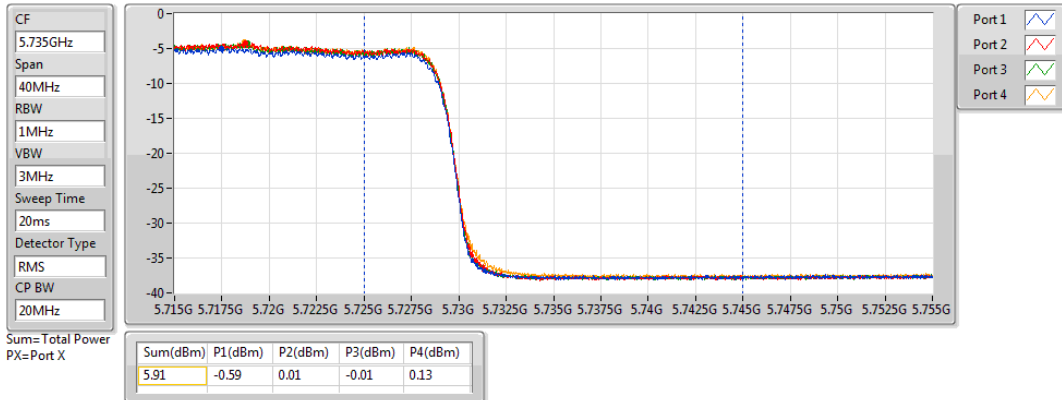


802.11ax HEW80\_Nss4,(MCS0)\_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

10/11/2019

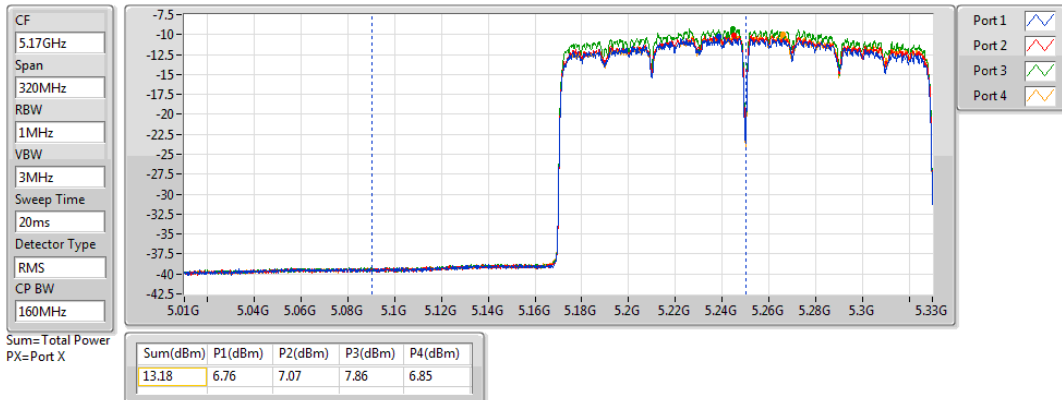


802.11ax HEW160\_Nss4,(MCS0)\_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

10/11/2019

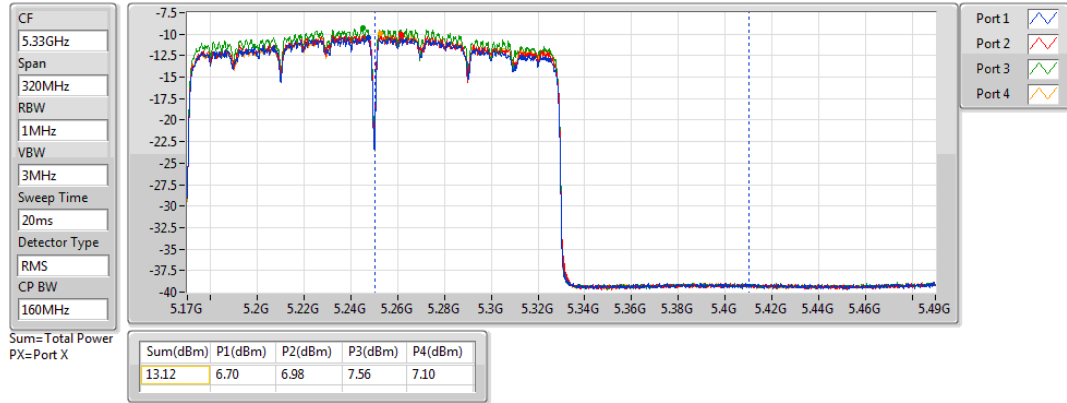


# 802.11ax HEW160\_Nss4,(MCS0)\_4TX

## AV Power

### 5250MHz Straddle 5.25-5.35GHz

10/11/2019



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) |
|--------------------------------|----------------------|--------------------|
| 5.25-5.35GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.31                | 0.21429            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.52                | 0.22491            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 23.52                | 0.22491            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 19.53                | 0.08974            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.65                | 0.23174            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 23.68                | 0.23335            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 19.67                | 0.09268            |
| 5.47-5.725GHz                  | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.48                | 0.22284            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.05                | 0.20184            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 23.45                | 0.22131            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 23.03                | 0.20091            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.16                | 0.20701            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 23.61                | 0.22961            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 23.10                | 0.20417            |
| 5.725-5.85GHz                  | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_1TX       | 15.67                | 0.03690            |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 15.49                | 0.03540            |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 12.11                | 0.01626            |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 9.39                 | 0.00869            |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 15.96                | 0.03945            |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 12.85                | 0.01928            |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 9.98                 | 0.00995            |