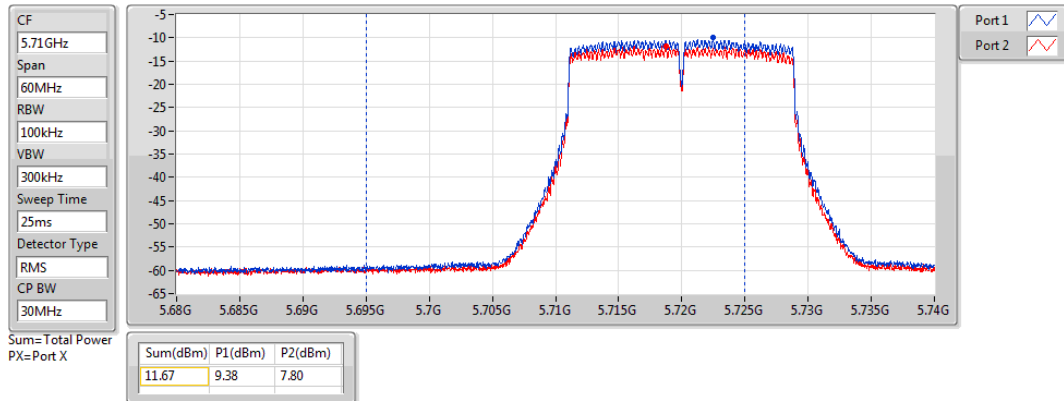


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

08/12/2019

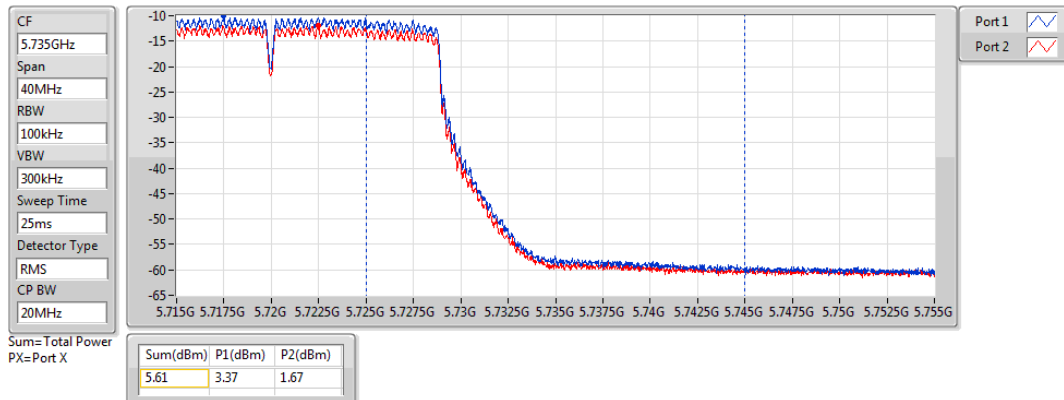


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

08/12/2019

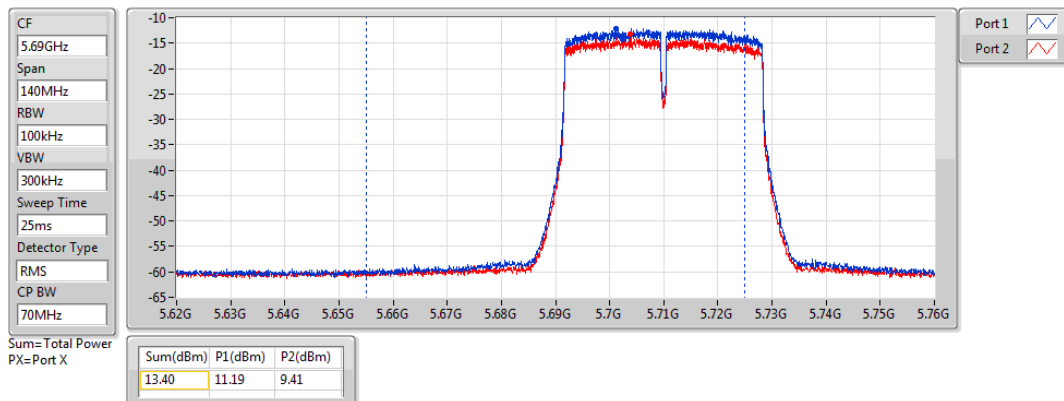


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

08/12/2019

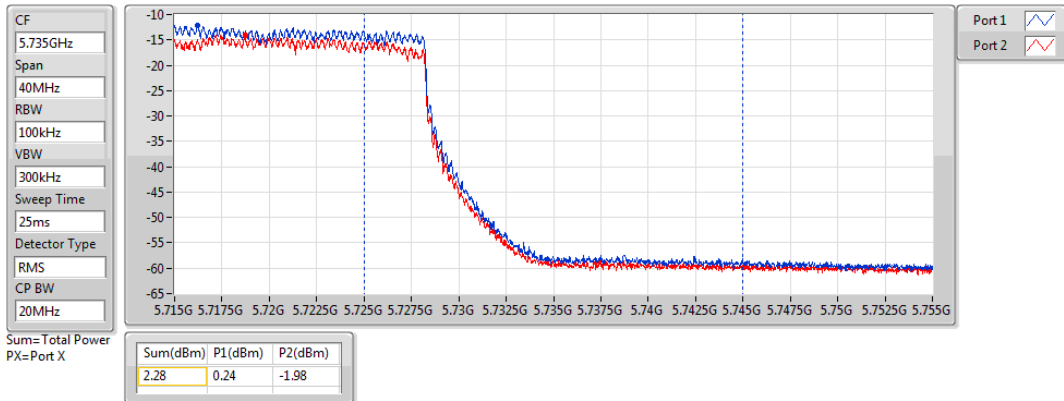


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

08/12/2019

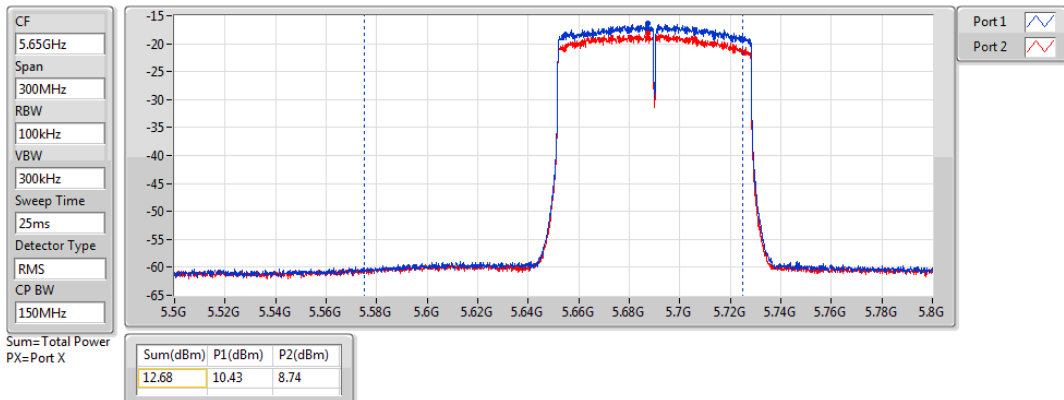


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.47-5.725GHz

08/12/2019

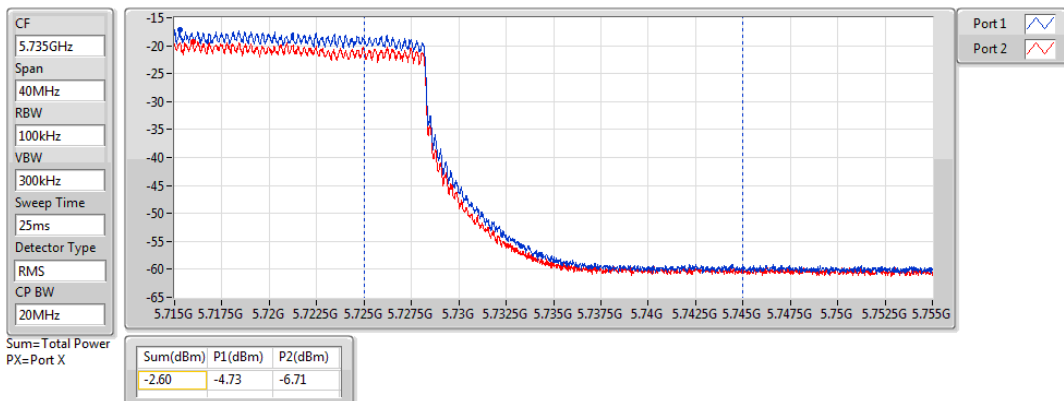


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

08/12/2019



## Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.18                | 0.08279            | 29.29         | 0.84918     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 18.75                | 0.07499            | 28.86         | 0.76913     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 17.34                | 0.05420            | 27.45         | 0.55590     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.19                | 0.08299            | 29.30         | 0.85114     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.16                | 0.08241            | 29.27         | 0.84528     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 17.41                | 0.05508            | 27.52         | 0.56494     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.14                | 0.08204            | 29.25         | 0.84140     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 19.33                | 0.08570            | 29.44         | 0.87902     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 18.45                | 0.06998            | 28.56         | 0.71779     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.17                | 0.08260            | 29.28         | 0.84723     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.62                | 0.09162            | 29.73         | 0.93972     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 18.67                | 0.07362            | 28.78         | 0.75509     |

## Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 10.11       | 16.34           | 16.00           | 19.18                | 25.89                | 29.29         | 36.00               |
| 5200MHz                           | Pass   | 10.11       | 15.74           | 15.79           | 18.78                | 25.89                | 28.89         | 36.00               |
| 5240MHz                           | Pass   | 10.11       | 15.55           | 16.44           | 19.03                | 25.89                | 29.14         | 36.00               |
| 5745MHz                           | Pass   | 10.11       | 16.47           | 15.75           | 19.14                | 25.89                | 29.25         | 36.00               |
| 5785MHz                           | Pass   | 10.11       | 16.41           | 15.76           | 19.11                | 25.89                | 29.22         | 36.00               |
| 5825MHz                           | Pass   | 10.11       | 16.57           | 15.56           | 19.10                | 25.89                | 29.21         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 10.11       | 16.01           | 15.03           | 18.56                | 25.89                | 28.67         | 36.00               |
| 5230MHz                           | Pass   | 10.11       | 16.08           | 15.36           | 18.75                | 25.89                | 28.86         | 36.00               |
| 5755MHz                           | Pass   | 10.11       | 16.50           | 16.13           | 19.33                | 25.89                | 29.44         | 36.00               |
| 5795MHz                           | Pass   | 10.11       | 16.39           | 15.94           | 19.18                | 25.89                | 29.29         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 10.11       | 14.29           | 14.36           | 17.34                | 25.89                | 27.45         | 36.00               |
| 5775MHz                           | Pass   | 10.11       | 15.43           | 15.44           | 18.45                | 25.89                | 28.56         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 10.11       | 16.36           | 16.00           | 19.19                | 25.89                | 29.30         | 36.00               |
| 5200MHz                           | Pass   | 10.11       | 15.76           | 15.82           | 18.80                | 25.89                | 28.91         | 36.00               |
| 5240MHz                           | Pass   | 10.11       | 15.60           | 16.58           | 19.13                | 25.89                | 29.24         | 36.00               |
| 5745MHz                           | Pass   | 10.11       | 16.34           | 15.97           | 19.17                | 25.89                | 29.28         | 36.00               |
| 5785MHz                           | Pass   | 10.11       | 16.39           | 15.83           | 19.13                | 25.89                | 29.24         | 36.00               |
| 5825MHz                           | Pass   | 10.11       | 16.55           | 15.61           | 19.12                | 25.89                | 29.23         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 10.11       | 16.23           | 15.18           | 18.75                | 25.89                | 28.86         | 36.00               |
| 5230MHz                           | Pass   | 10.11       | 16.67           | 15.56           | 19.16                | 25.89                | 29.27         | 36.00               |
| 5755MHz                           | Pass   | 10.11       | 16.96           | 16.22           | 19.62                | 25.89                | 29.73         | 36.00               |
| 5795MHz                           | Pass   | 10.11       | 16.82           | 15.76           | 19.33                | 25.89                | 29.44         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 10.11       | 14.31           | 14.48           | 17.41                | 25.89                | 27.52         | 36.00               |
| 5775MHz                           | Pass   | 10.11       | 15.50           | 15.81           | 18.67                | 25.89                | 28.78         | 36.00               |

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

## Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.31                | 0.08531            | 29.42         | 0.87498     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 19.33                | 0.08570            | 29.44         | 0.87902     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 17.73                | 0.05929            | 27.84         | 0.60814     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.38                | 0.08670            | 29.49         | 0.88920     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.38                | 0.08670            | 29.49         | 0.88920     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 17.74                | 0.05943            | 27.85         | 0.60954     |
| 5.47-5.725GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.14                | 0.08204            | 29.25         | 0.84140     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 18.94                | 0.07834            | 29.05         | 0.80353     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 18.50                | 0.07079            | 28.61         | 0.72611     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.21                | 0.08337            | 29.32         | 0.85507     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.03                | 0.07998            | 29.14         | 0.82035     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 18.54                | 0.07145            | 28.65         | 0.73282     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 11.54                | 0.01426            | 21.65         | 0.14622     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 6.99                 | 0.00500            | 17.10         | 0.05129     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 3.27                 | 0.00212            | 13.38         | 0.02178     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 11.62                | 0.01452            | 21.73         | 0.14894     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 7.14                 | 0.00518            | 17.25         | 0.05309     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.32                 | 0.00215            | 13.43         | 0.02203     |

## Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                           | Pass   | 10.11       | 15.79           | 16.51           | 19.18                | 19.89                | 29.29         | 30.00               |
| 5300MHz                           | Pass   | 10.11       | 16.17           | 16.42           | 19.31                | 19.89                | 29.42         | 30.00               |
| 5320MHz                           | Pass   | 10.11       | 16.15           | 16.41           | 19.29                | 19.89                | 29.40         | 30.00               |
| 5500MHz                           | Pass   | 10.11       | 15.81           | 15.72           | 18.78                | 19.89                | 28.89         | 30.00               |
| 5580MHz                           | Pass   | 10.11       | 16.15           | 16.06           | 19.12                | 19.89                | 29.23         | 30.00               |
| 5700MHz                           | Pass   | 10.11       | 16.31           | 15.95           | 19.14                | 19.89                | 29.25         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | 10.11       | 14.82           | 14.26           | 17.56                | 18.70                | 27.67         | 28.81               |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 10.11       | 9.11            | 7.85            | 11.54                | 25.89                | 21.65         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                           | Pass   | 10.11       | 16.08           | 16.55           | 19.33                | 19.89                | 29.44         | 30.00               |
| 5310MHz                           | Pass   | 10.11       | 14.52           | 15.19           | 17.88                | 19.89                | 27.99         | 30.00               |
| 5510MHz                           | Pass   | 10.11       | 11.58           | 10.97           | 14.30                | 19.89                | 24.41         | 30.00               |
| 5550MHz                           | Pass   | 10.11       | 16.04           | 15.81           | 18.94                | 19.89                | 29.05         | 30.00               |
| 5670MHz                           | Pass   | 10.11       | 14.85           | 14.11           | 17.51                | 19.89                | 27.62         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | 10.11       | 15.76           | 14.73           | 18.29                | 19.89                | 28.40         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 10.11       | 4.57            | 3.29            | 6.99                 | 25.89                | 17.10         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                           | Pass   | 10.11       | 14.21           | 15.17           | 17.73                | 19.89                | 27.84         | 30.00               |
| 5530MHz                           | Pass   | 10.11       | 14.24           | 14.02           | 17.14                | 19.89                | 27.25         | 30.00               |
| 5610MHz                           | Pass   | 10.11       | 12.86           | 12.21           | 15.56                | 19.89                | 25.67         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz    | Pass   | 10.11       | 15.91           | 15.02           | 18.50                | 19.89                | 28.61         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz    | Pass   | 10.11       | 0.84            | -0.41           | 3.27                 | 25.89                | 13.38         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                           | Pass   | 10.11       | 15.83           | 16.58           | 19.23                | 19.89                | 29.34         | 30.00               |
| 5300MHz                           | Pass   | 10.11       | 16.21           | 16.52           | 19.38                | 19.89                | 29.49         | 30.00               |
| 5320MHz                           | Pass   | 10.11       | 16.45           | 16.29           | 19.38                | 19.89                | 29.49         | 30.00               |
| 5500MHz                           | Pass   | 10.11       | 16.09           | 15.49           | 18.81                | 19.89                | 28.92         | 30.00               |
| 5580MHz                           | Pass   | 10.11       | 16.50           | 15.70           | 19.13                | 19.89                | 29.24         | 30.00               |
| 5700MHz                           | Pass   | 10.11       | 16.67           | 15.68           | 19.21                | 19.89                | 29.32         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz    | Pass   | 10.11       | 15.06           | 14.13           | 17.63                | 18.69                | 27.74         | 28.80               |
| 5720MHz Straddle 5.725-5.85GHz    | Pass   | 10.11       | 9.13            | 8.01            | 11.62                | 25.89                | 21.73         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                           | Pass   | 10.11       | 16.22           | 16.51           | 19.38                | 19.89                | 29.49         | 30.00               |
| 5310MHz                           | Pass   | 10.11       | 14.53           | 15.29           | 17.94                | 19.89                | 28.05         | 30.00               |
| 5510MHz                           | Pass   | 10.11       | 11.55           | 11.03           | 14.31                | 19.89                | 24.42         | 30.00               |
| 5550MHz                           | Pass   | 10.11       | 16.33           | 15.68           | 19.03                | 19.89                | 29.14         | 30.00               |
| 5670MHz                           | Pass   | 10.11       | 14.79           | 14.29           | 17.56                | 19.89                | 27.67         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz    | Pass   | 10.11       | 15.85           | 14.76           | 18.35                | 19.89                | 28.46         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz    | Pass   | 10.11       | 4.78            | 3.36            | 7.14                 | 25.89                | 17.25         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                           | Pass   | 10.11       | 13.83           | 15.48           | 17.74                | 19.89                | 27.85         | 30.00               |
| 5530MHz                           | Pass   | 10.11       | 14.46           | 13.89           | 17.19                | 19.89                | 27.30         | 30.00               |
| 5610MHz                           | Pass   | 10.11       | 12.88           | 12.38           | 15.65                | 19.89                | 25.76         | 30.00               |



## Average Power\_Group 3\_Beamforming

Appendix C.16

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 10.11       | 15.94           | 15.07           | 18.54                | 19.89                | 28.65         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 10.11       | 1.08            | -0.62           | 3.32                 | 25.89                | 13.43         | 36.00               |

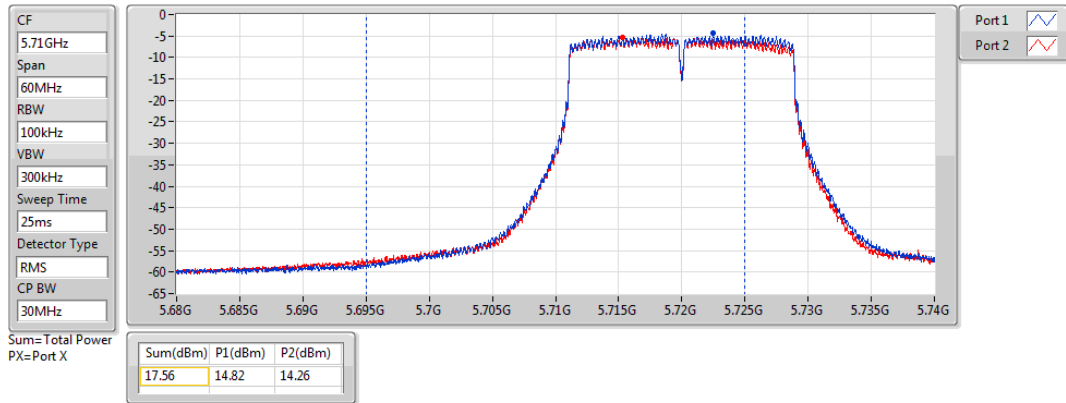
**DG** = Directional Gain; **Port X** = Port X output power

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

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

09/12/2019

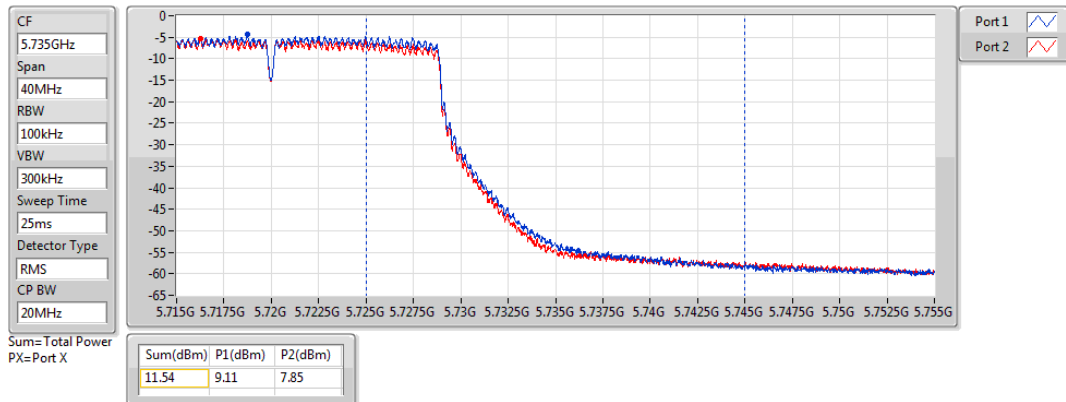


## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

09/12/2019

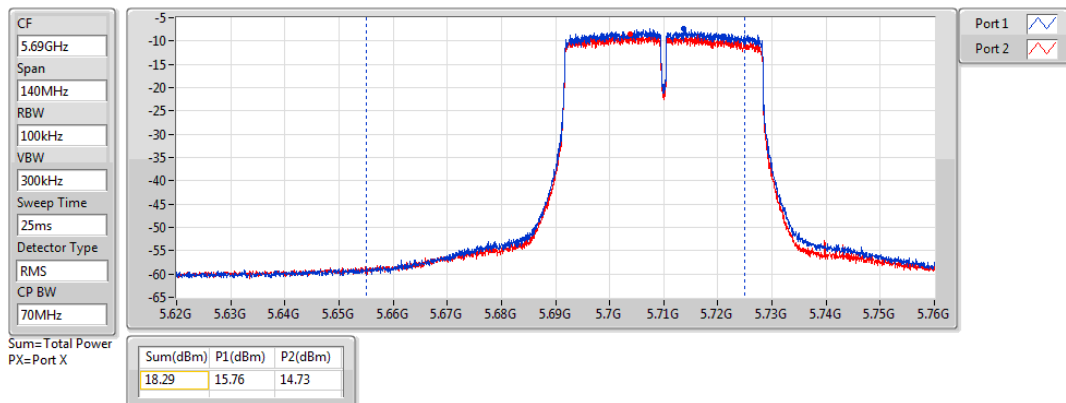


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

09/12/2019

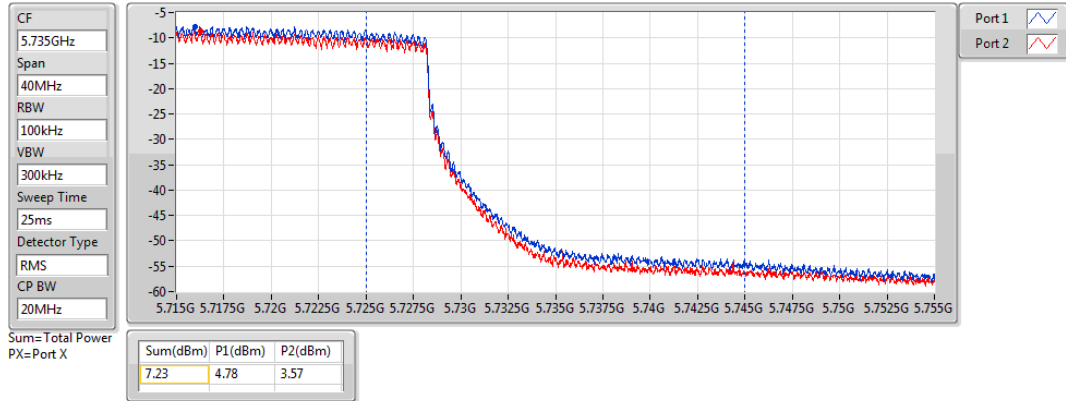


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

09/12/2019

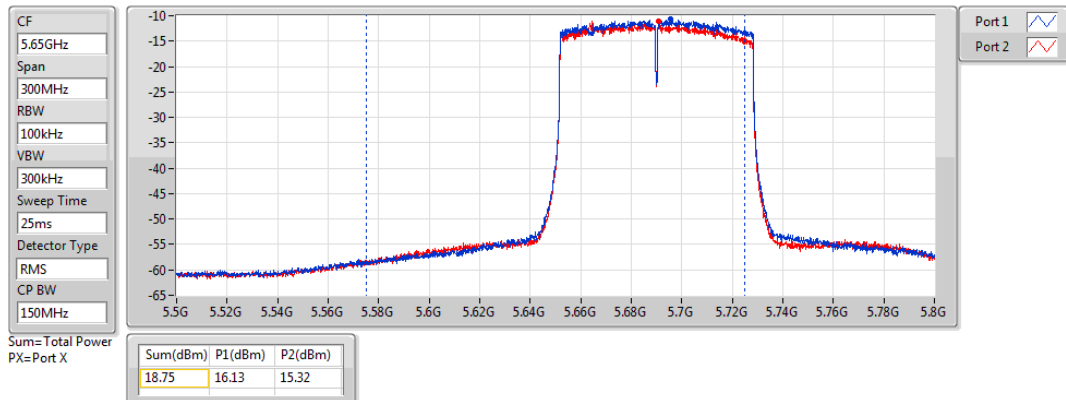


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.47-5.725GHz

09/12/2019

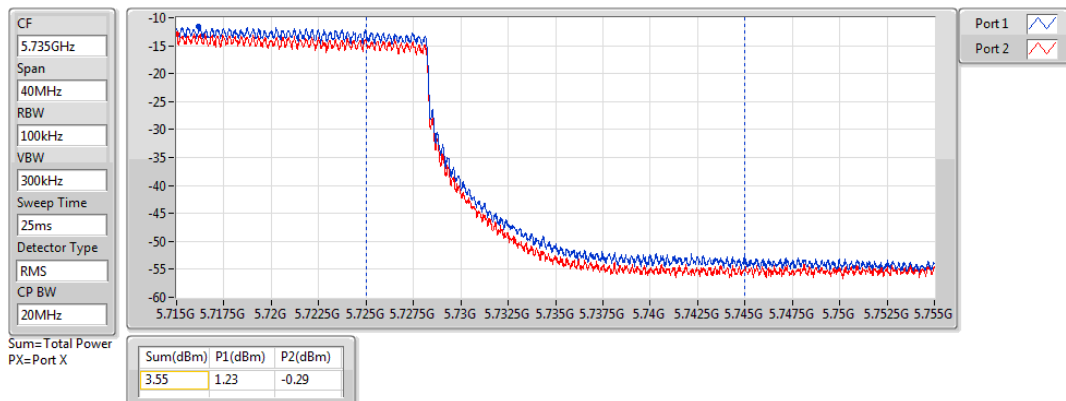


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

09/12/2019

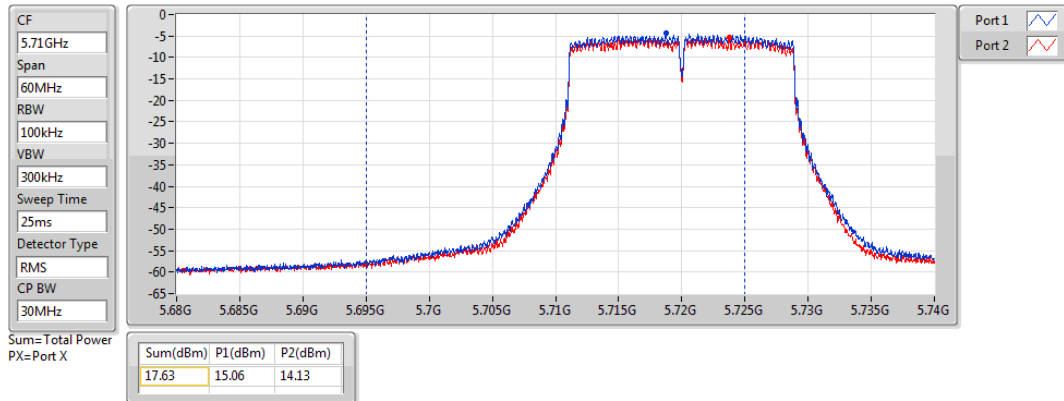


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

09/12/2019

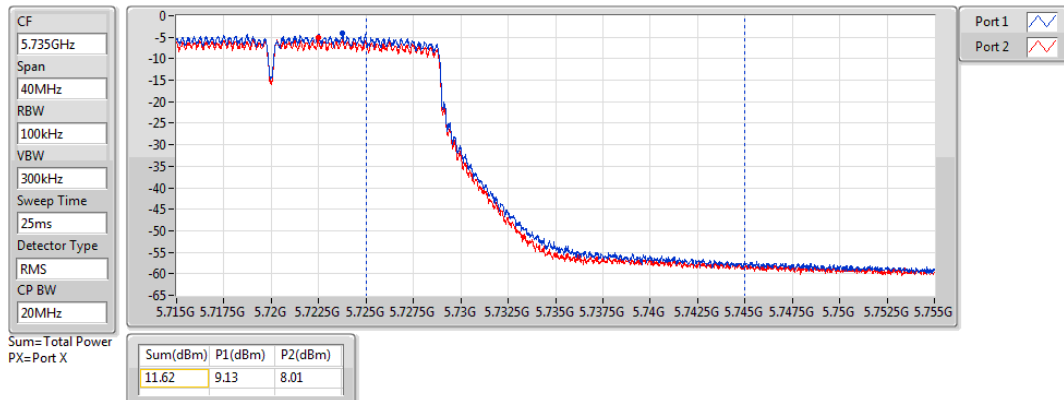


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

09/12/2019

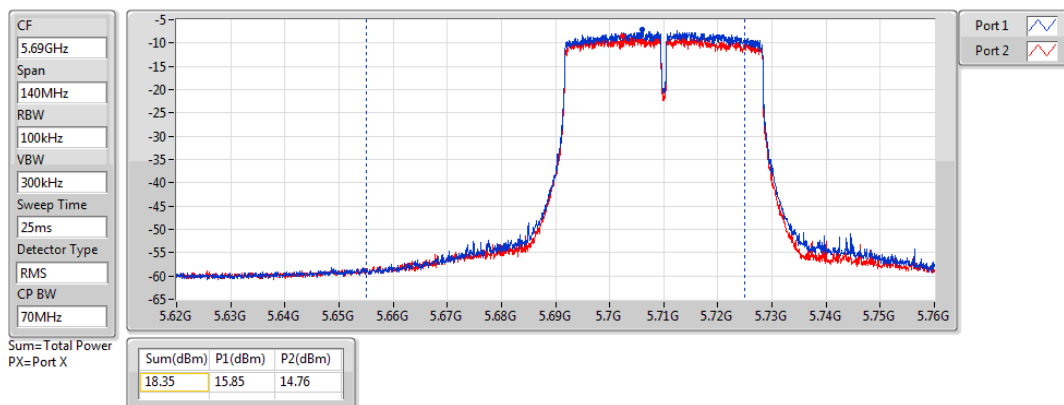


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

09/12/2019

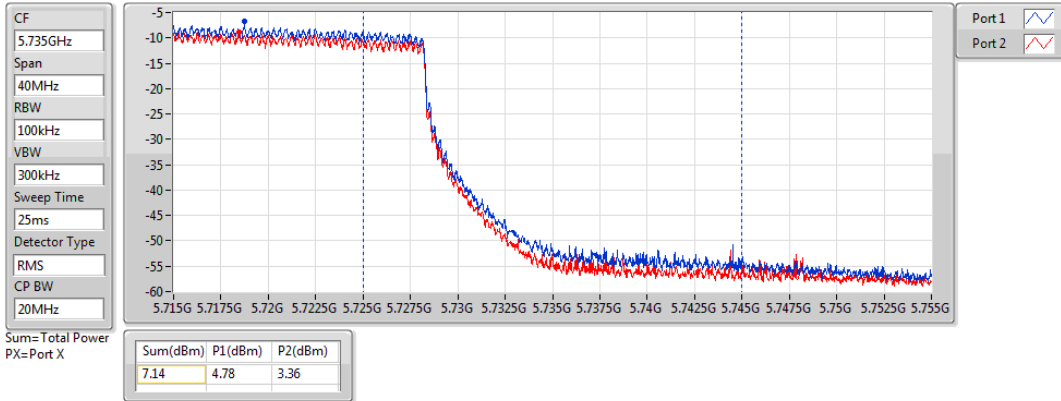


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

09/12/2019

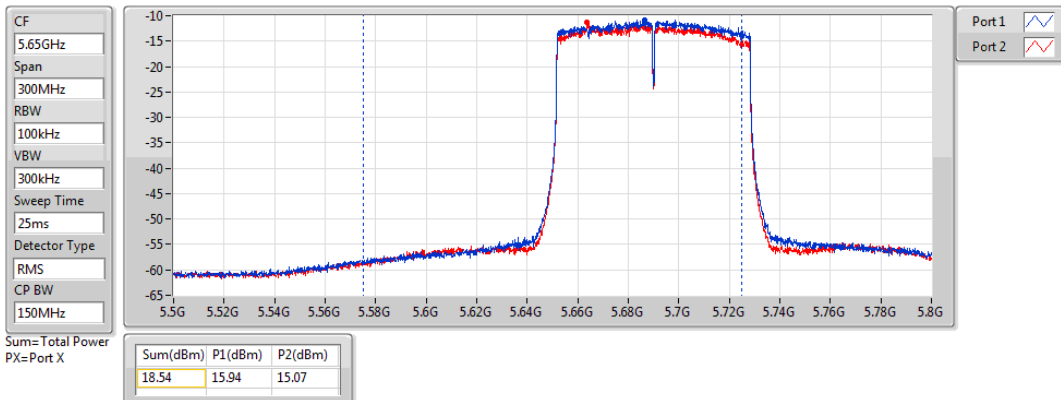


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.47-5.725GHz

09/12/2019

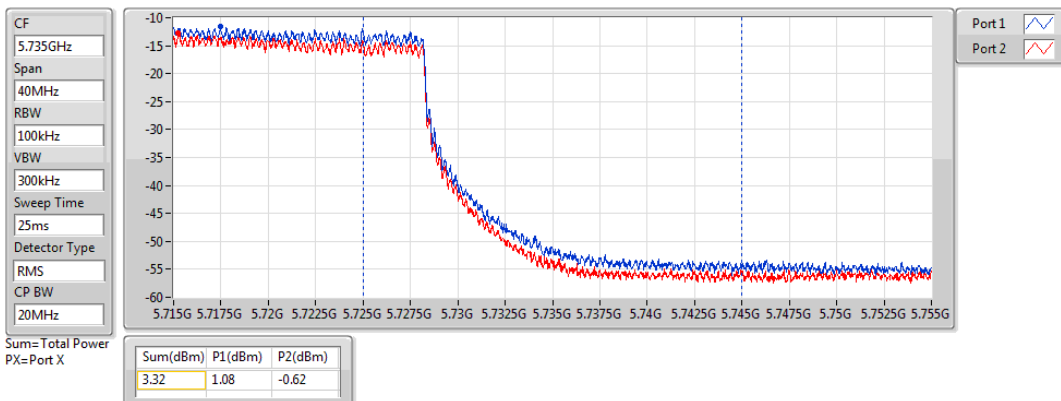


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## AV Power

5690MHz Straddle 5.725-5.85GHz

09/12/2019



## Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 11.08                | 0.01282            | 25.39         | 0.34594     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 11.22                | 0.01324            | 25.53         | 0.35727     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 10.23                | 0.01054            | 24.54         | 0.28445     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 11.11                | 0.01291            | 25.42         | 0.34834     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 11.26                | 0.01337            | 25.57         | 0.36058     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 10.38                | 0.01091            | 24.69         | 0.29444     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.14                | 0.08204            | 33.45         | 2.21309     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 19.33                | 0.08570            | 33.64         | 2.31206     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 19.17                | 0.08260            | 33.48         | 2.22844     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.17                | 0.08260            | 33.48         | 2.22844     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.62                | 0.09162            | 33.93         | 2.47172     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 19.20                | 0.08318            | 33.51         | 2.24388     |

## Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 14.31       | 8.10            | 8.04            | 11.08                | 21.69                | 25.39         | 36.00               |
| 5200MHz                           | Pass   | 14.31       | 7.72            | 7.85            | 10.80                | 21.69                | 25.11         | 36.00               |
| 5240MHz                           | Pass   | 14.31       | 7.42            | 8.30            | 10.89                | 21.69                | 25.20         | 36.00               |
| 5745MHz                           | Pass   | 14.31       | 16.47           | 15.75           | 19.14                | 21.69                | 33.45         | 36.00               |
| 5785MHz                           | Pass   | 14.31       | 16.41           | 15.76           | 19.11                | 21.69                | 33.42         | 36.00               |
| 5825MHz                           | Pass   | 14.31       | 16.57           | 15.56           | 19.10                | 21.69                | 33.41         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 14.31       | 8.21            | 8.20            | 11.22                | 21.69                | 25.53         | 36.00               |
| 5230MHz                           | Pass   | 14.31       | 8.16            | 8.24            | 11.21                | 21.69                | 25.52         | 36.00               |
| 5755MHz                           | Pass   | 14.31       | 16.50           | 16.13           | 19.33                | 21.69                | 33.64         | 36.00               |
| 5795MHz                           | Pass   | 14.31       | 16.39           | 15.94           | 19.18                | 21.69                | 33.49         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 14.31       | 7.13            | 7.30            | 10.23                | 21.69                | 24.54         | 36.00               |
| 5775MHz                           | Pass   | 14.31       | 16.33           | 15.98           | 19.17                | 21.69                | 33.48         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 14.31       | 8.11            | 8.08            | 11.11                | 21.69                | 25.42         | 36.00               |
| 5200MHz                           | Pass   | 14.31       | 7.67            | 8.05            | 10.87                | 21.69                | 25.18         | 36.00               |
| 5240MHz                           | Pass   | 14.31       | 7.17            | 8.62            | 10.97                | 21.69                | 25.28         | 36.00               |
| 5745MHz                           | Pass   | 14.31       | 16.34           | 15.97           | 19.17                | 21.69                | 33.48         | 36.00               |
| 5785MHz                           | Pass   | 14.31       | 16.39           | 15.83           | 19.13                | 21.69                | 33.44         | 36.00               |
| 5825MHz                           | Pass   | 14.31       | 16.55           | 15.61           | 19.12                | 21.69                | 33.43         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 14.31       | 8.08            | 8.38            | 11.24                | 21.69                | 25.55         | 36.00               |
| 5230MHz                           | Pass   | 14.31       | 8.08            | 8.42            | 11.26                | 21.69                | 25.57         | 36.00               |
| 5755MHz                           | Pass   | 14.31       | 16.96           | 16.22           | 19.62                | 21.69                | 33.93         | 36.00               |
| 5795MHz                           | Pass   | 14.31       | 16.82           | 15.76           | 19.33                | 21.69                | 33.64         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 14.31       | 7.15            | 7.57            | 10.38                | 21.69                | 24.69         | 36.00               |
| 5775MHz                           | Pass   | 14.31       | 16.27           | 16.10           | 19.20                | 21.69                | 33.51         | 36.00               |

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

## Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 14.83                | 0.03041            | 29.14         | 0.82035     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 14.76                | 0.02992            | 29.07         | 0.80724     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 14.57                | 0.02864            | 28.88         | 0.77268     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 14.86                | 0.03062            | 29.17         | 0.82604     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 15.10                | 0.03236            | 29.41         | 0.87297     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 14.61                | 0.02891            | 28.92         | 0.77983     |
| 5.47-5.725GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 14.55                | 0.02851            | 28.86         | 0.76913     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 14.62                | 0.02897            | 28.93         | 0.78163     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 14.53                | 0.02838            | 28.84         | 0.76560     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 14.63                | 0.02904            | 28.94         | 0.78343     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 14.93                | 0.03112            | 29.24         | 0.83946     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 14.75                | 0.02985            | 29.06         | 0.80538     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 7.23                 | 0.00528            | 21.54         | 0.14256     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 3.26                 | 0.00212            | 17.57         | 0.05715     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -0.77                | 0.00084            | 13.54         | 0.02259     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 7.65                 | 0.00582            | 21.96         | 0.15704     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 3.29                 | 0.00213            | 17.60         | 0.05754     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -0.68                | 0.00086            | 13.63         | 0.02307     |

## Result

| Mode                                    | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz_TnomVnom                        | Pass   | 14.31       | 11.35           | 12.25           | 14.83                | 15.69                | 29.14         | 30.00               |
| 5300MHz_TnomVnom                        | Pass   | 14.31       | 11.44           | 11.34           | 14.40                | 15.69                | 28.71         | 30.00               |
| 5320MHz_TnomVnom                        | Pass   | 14.31       | 11.33           | 11.11           | 14.23                | 15.69                | 28.54         | 30.00               |
| 5500MHz_TnomVnom                        | Pass   | 14.31       | 11.60           | 10.51           | 14.10                | 15.69                | 28.41         | 30.00               |
| 5580MHz_TnomVnom                        | Pass   | 14.31       | 11.86           | 11.05           | 14.48                | 15.69                | 28.79         | 30.00               |
| 5700MHz_TnomVnom                        | Pass   | 14.31       | 12.16           | 10.82           | 14.55                | 15.69                | 28.86         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 10.87           | 9.63            | 13.30                | 14.50                | 27.61         | 28.81               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | 4.82            | 3.53            | 7.23                 | 21.69                | 21.54         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz_TnomVnom                        | Pass   | 14.31       | 11.61           | 11.89           | 14.76                | 15.69                | 29.07         | 30.00               |
| 5310MHz_TnomVnom                        | Pass   | 14.31       | 11.79           | 10.85           | 14.36                | 15.69                | 28.67         | 30.00               |
| 5510MHz_TnomVnom                        | Pass   | 14.31       | 11.86           | 10.98           | 14.45                | 15.69                | 28.76         | 30.00               |
| 5550MHz_TnomVnom                        | Pass   | 14.31       | 11.58           | 11.24           | 14.42                | 15.69                | 28.73         | 30.00               |
| 5670MHz_TnomVnom                        | Pass   | 14.31       | 12.01           | 11.17           | 14.62                | 15.69                | 28.93         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 11.95           | 10.38           | 14.25                | 15.69                | 28.56         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | 1.05            | -0.73           | 3.26                 | 21.69                | 17.57         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz_TnomVnom                        | Pass   | 14.31       | 11.58           | 11.53           | 14.57                | 15.69                | 28.88         | 30.00               |
| 5530MHz_TnomVnom                        | Pass   | 14.31       | 11.53           | 11.03           | 14.30                | 15.69                | 28.61         | 30.00               |
| 5610MHz_TnomVnom                        | Pass   | 14.31       | 11.72           | 11.08           | 14.42                | 15.69                | 28.73         | 30.00               |
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 12.22           | 10.69           | 14.53                | 15.69                | 28.84         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | -2.88           | -4.91           | -0.77                | 21.69                | 13.54         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz_TnomVnom                        | Pass   | 14.31       | 11.29           | 12.35           | 14.86                | 15.69                | 29.17         | 30.00               |
| 5300MHz_TnomVnom                        | Pass   | 14.31       | 11.40           | 11.50           | 14.46                | 15.69                | 28.77         | 30.00               |
| 5320MHz_TnomVnom                        | Pass   | 14.31       | 11.63           | 11.12           | 14.39                | 15.69                | 28.70         | 30.00               |
| 5500MHz_TnomVnom                        | Pass   | 14.31       | 11.65           | 10.90           | 14.30                | 15.69                | 28.61         | 30.00               |
| 5580MHz_TnomVnom                        | Pass   | 14.31       | 11.86           | 11.13           | 14.52                | 15.69                | 28.83         | 30.00               |
| 5700MHz_TnomVnom                        | Pass   | 14.31       | 12.13           | 11.04           | 14.63                | 15.69                | 28.94         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 11.40           | 9.76            | 13.67                | 14.50                | 27.98         | 28.81               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | 5.46            | 3.63            | 7.65                 | 21.69                | 21.96         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz_TnomVnom                        | Pass   | 14.31       | 11.73           | 12.42           | 15.10                | 15.69                | 29.41         | 30.00               |
| 5310MHz_TnomVnom                        | Pass   | 14.31       | 11.71           | 11.65           | 14.69                | 15.69                | 29.00         | 30.00               |
| 5510MHz_TnomVnom                        | Pass   | 14.31       | 11.89           | 11.01           | 14.48                | 15.69                | 28.79         | 30.00               |
| 5550MHz_TnomVnom                        | Pass   | 14.31       | 11.93           | 11.34           | 14.66                | 15.69                | 28.97         | 30.00               |
| 5670MHz_TnomVnom                        | Pass   | 14.31       | 12.60           | 11.12           | 14.93                | 15.69                | 29.24         | 30.00               |
| 5710MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 12.12           | 10.40           | 14.35                | 15.69                | 28.66         | 30.00               |
| 5710MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | 1.20            | -0.90           | 3.29                 | 21.69                | 17.60         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz_TnomVnom                        | Pass   | 14.31       | 11.96           | 11.20           | 14.61                | 15.69                | 28.92         | 30.00               |
| 5530MHz_TnomVnom                        | Pass   | 14.31       | 11.66           | 11.46           | 14.57                | 15.69                | 28.88         | 30.00               |
| 5610MHz_TnomVnom                        | Pass   | 14.31       | 12.33           | 11.05           | 14.75                | 15.69                | 29.06         | 30.00               |



## Average Power\_Group 4\_Beamforming

Appendix C.18

| Mode                                    | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5690MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 14.31       | 12.39           | 10.68           | 14.63                | 15.69                | 28.94         | 30.00               |
| 5690MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 14.31       | -2.79           | -4.84           | -0.68                | 21.69                | 13.63         | 36.00               |

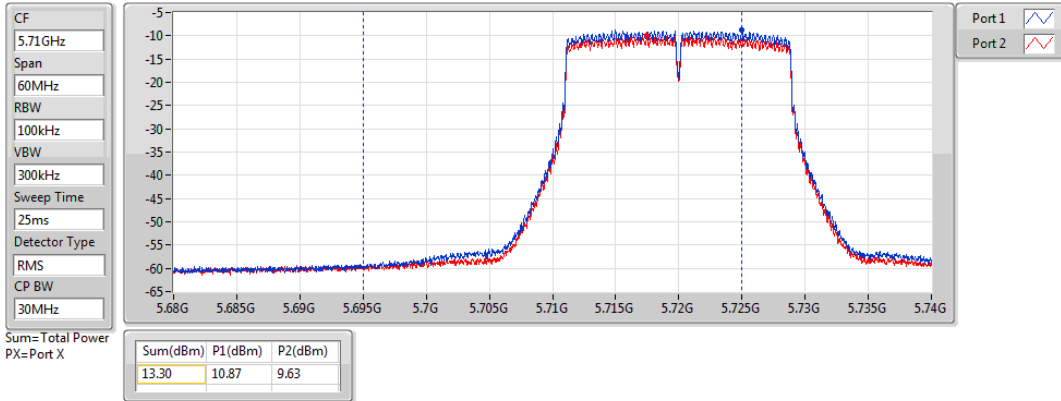
**DG** = Directional Gain; **Port X** = Port X output power

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

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

08/12/2019

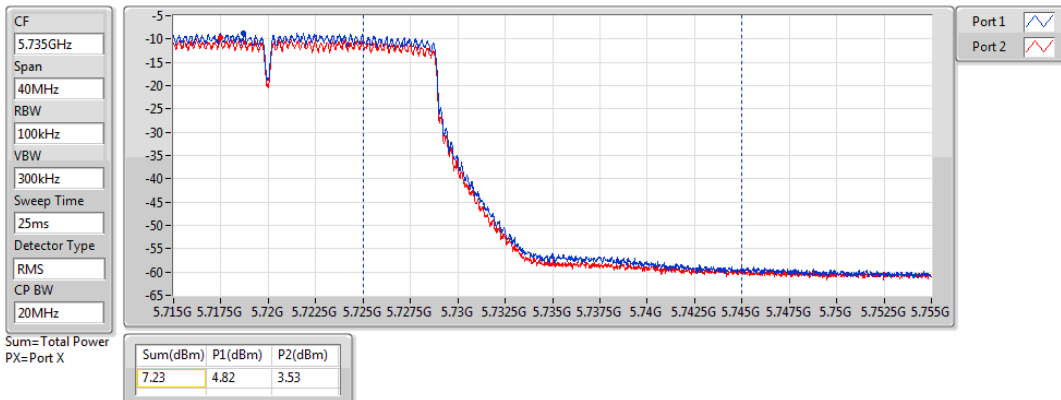


## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5720MHz Straddle 5.725-5.85GHz

08/12/2019

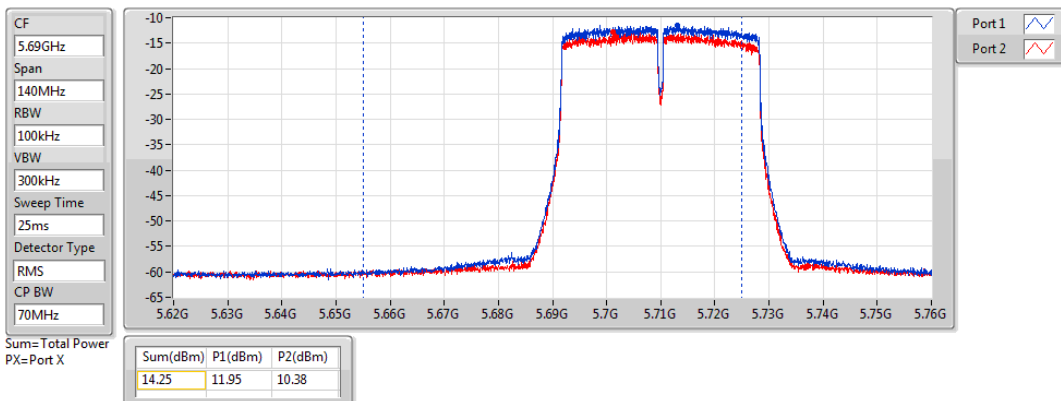


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5710MHz Straddle 5.47-5.725GHz

08/12/2019

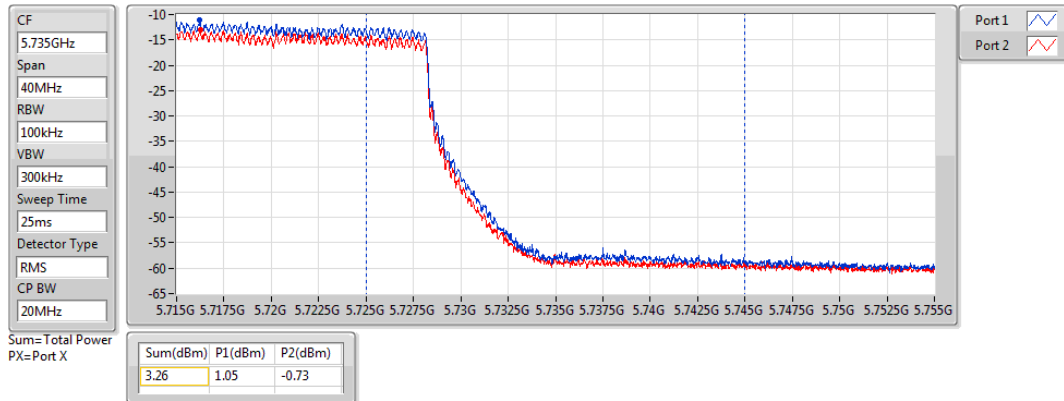


### 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### AV Power

5710MHz Straddle 5.725-5.85GHz

08/12/2019

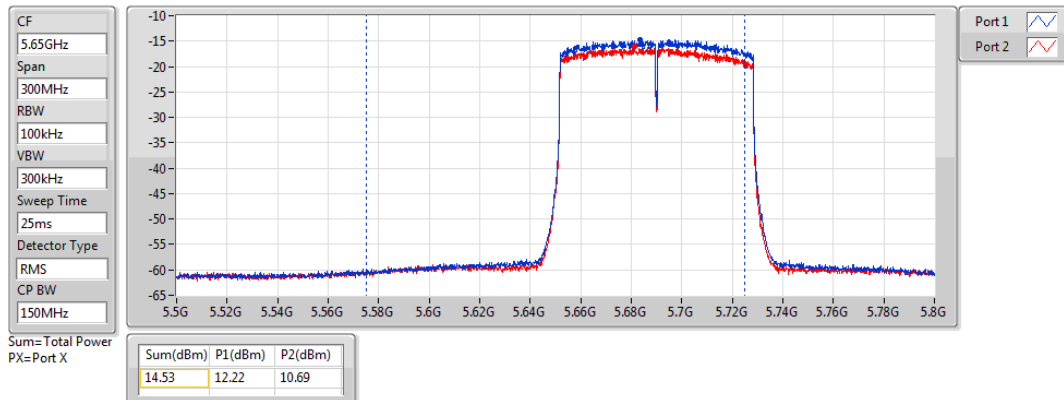


### 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.47-5.725GHz

08/12/2019

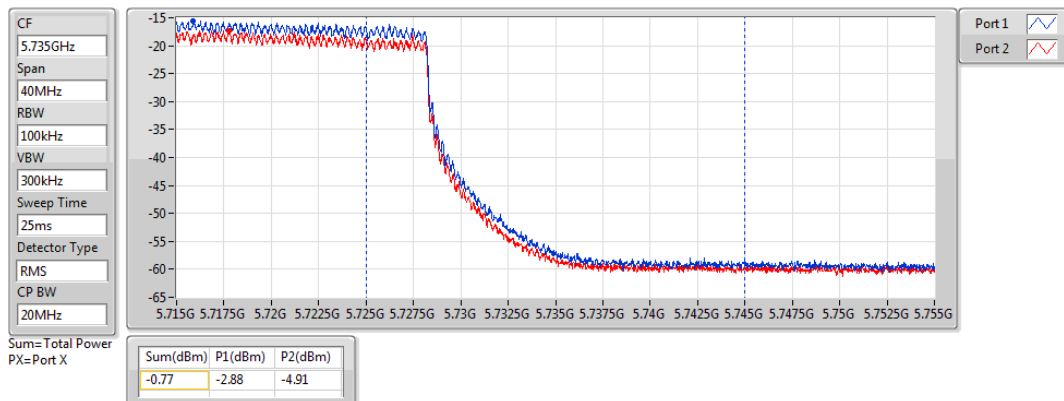


### 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

08/12/2019

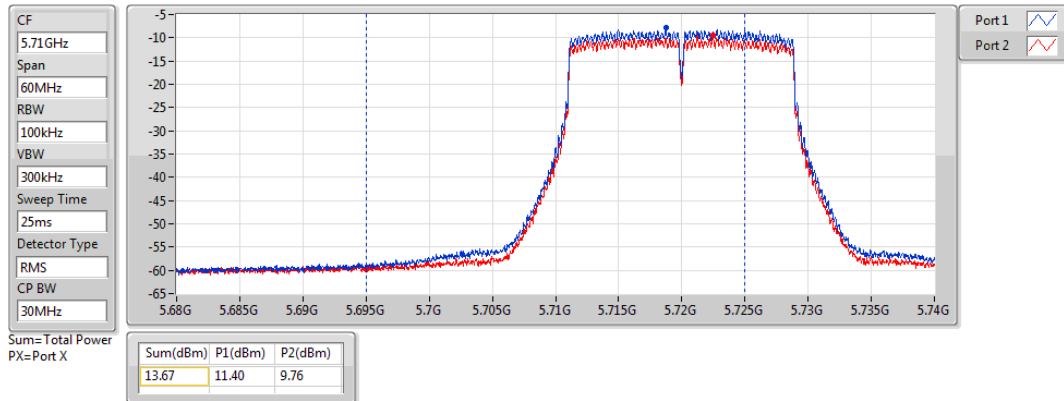


### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

08/12/2019

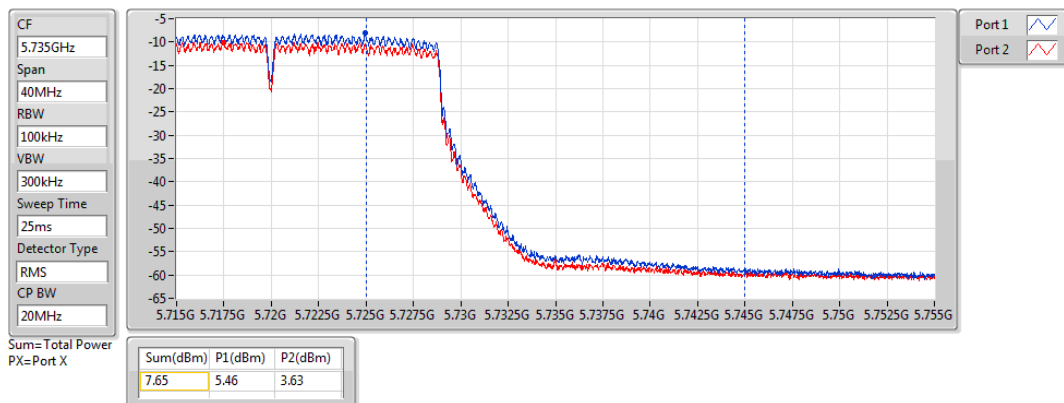


### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

08/12/2019

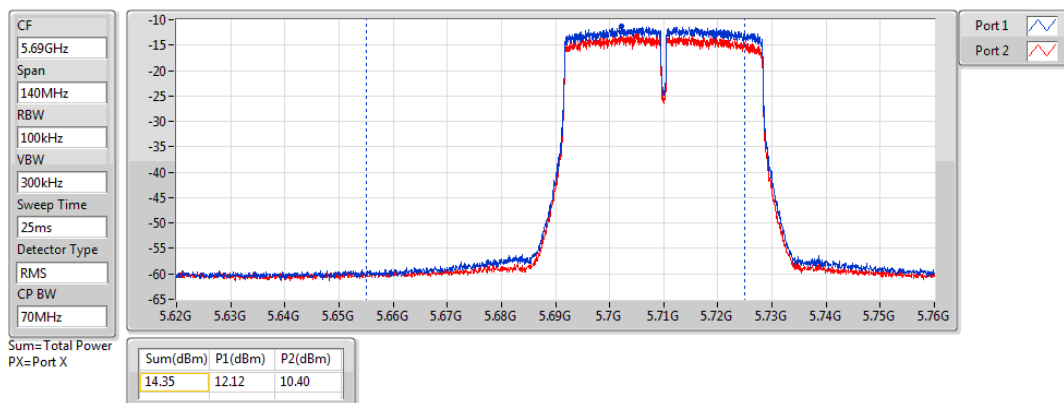


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz

08/12/2019

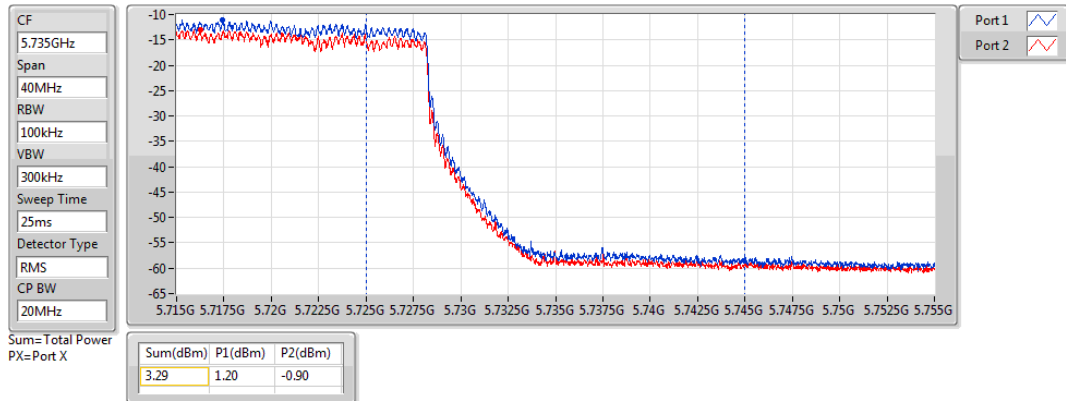


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### AV Power

5710MHz Straddle 5.725-5.85GHz

08/12/2019

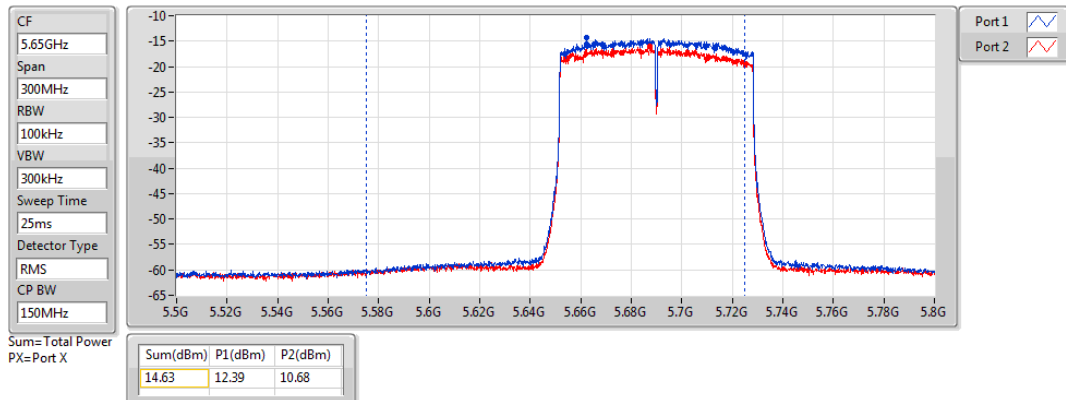


### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.47-5.725GHz

08/12/2019

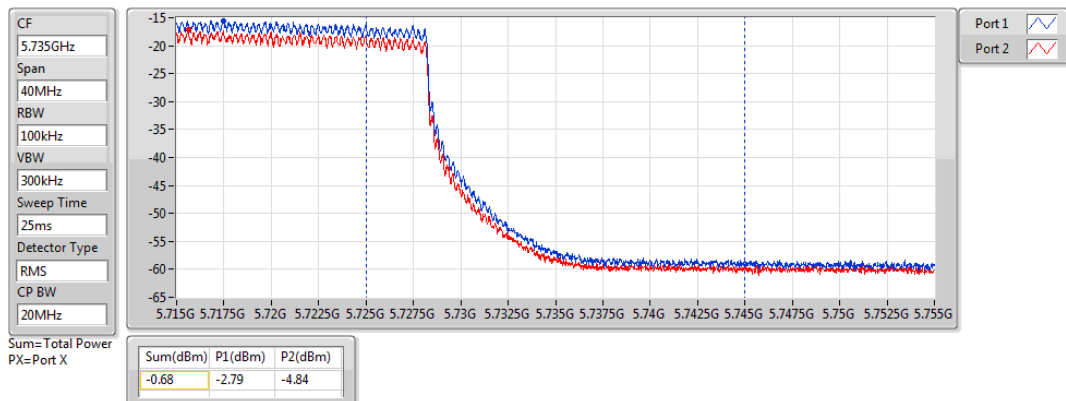


### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

### AV Power

5690MHz Straddle 5.725-5.85GHz

08/12/2019





**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 1**

Appendix C.19

**Summary**

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                          | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 20.52                | 0.11272            | 19.52         | 0.08954     |
| 802.11a_Nss1,(6Mbps)_2TX              | 21.84                | 0.15276            | 20.84         | 0.12134     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 20.09                | 0.10209            | 19.09         | 0.08110     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 21.76                | 0.14997            | 20.76         | 0.11912     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 18.94                | 0.07834            | 17.94         | 0.06223     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 19.96                | 0.09908            | 18.96         | 0.07870     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | 14.77                | 0.02999            | 13.77         | 0.02382     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 21.36                | 0.13677            | 20.36         | 0.10864     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 20.26                | 0.10617            | 19.26         | 0.08433     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 21.97                | 0.15740            | 20.97         | 0.12503     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 19.10                | 0.08128            | 18.10         | 0.06457     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 19.97                | 0.09931            | 18.97         | 0.07889     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | 15.06                | 0.03206            | 14.06         | 0.02547     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 21.60                | 0.14454            | 20.60         | 0.11482     |

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 17.26           |                 | 17.26                | 16.26         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 20.52           |                 | 20.52                | 19.52         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 20.21           |                 | 20.21                | 19.21         | 21.00               |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 16.36           | 16.28           | 19.33                | 18.33         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 18.48           | 18.53           | 21.52                | 20.52         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 18.50           | 19.14           | 21.84                | 20.84         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 16.20           |                 | 16.20                | 15.20         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 20.03           |                 | 20.03                | 19.03         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 20.09           |                 | 20.09                | 19.09         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 16.16           | 16.16           | 19.17                | 18.17         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 17.91           | 17.95           | 20.94                | 19.94         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 18.50           | 18.98           | 21.76                | 20.76         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | -1.00       | 15.26           |                 | 15.26                | 14.26         | 21.00               |
| 5230MHz                               | Pass   | -1.00       | 18.94           |                 | 18.94                | 17.94         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | -1.00       | 15.18           | 15.17           | 18.19                | 17.19         | 21.00               |
| 5230MHz                               | Pass   | -1.00       | 16.90           | 17.00           | 19.96                | 18.96         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | -1.00       | 14.77           |                 | 14.77                | 13.77         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | -1.00       | 18.36           | 18.33           | 21.36                | 20.36         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 16.44           |                 | 16.44                | 15.44         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 20.22           |                 | 20.22                | 19.22         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 20.26           |                 | 20.26                | 19.26         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | -1.00       | 16.40           | 16.24           | 19.33                | 18.33         | 21.00               |
| 5200MHz                               | Pass   | -1.00       | 18.07           | 18.11           | 21.10                | 20.10         | 21.00               |
| 5240MHz                               | Pass   | -1.00       | 18.72           | 19.18           | 21.97                | 20.97         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | -1.00       | 15.41           |                 | 15.41                | 14.41         | 21.00               |
| 5230MHz                               | Pass   | -1.00       | 19.10           |                 | 19.10                | 18.10         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | -1.00       | 15.45           | 15.42           | 18.45                | 17.45         | 21.00               |
| 5230MHz                               | Pass   | -1.00       | 16.78           | 17.14           | 19.97                | 18.97         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | -1.00       | 15.06           |                 | 15.06                | 14.06         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | -1.00       | 18.63           | 18.55           | 21.60                | 20.60         | 21.00               |



***MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees***  
***Group 1***

Appendix C.19

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 2**

Appendix C.19

**Summary**

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                          | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 9.77                 | 0.00948            | 20.97         | 0.12503     |
| 802.11a_Nss1,(6Mbps)_2TX              | 9.74                 | 0.00942            | 20.94         | 0.12417     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 9.51                 | 0.00893            | 20.71         | 0.11776     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 9.58                 | 0.00908            | 20.78         | 0.11967     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 9.57                 | 0.00906            | 20.77         | 0.11940     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 9.65                 | 0.00923            | 20.85         | 0.12162     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 9.46                 | 0.00883            | 20.66         | 0.11641     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 9.58                 | 0.00908            | 20.78         | 0.11967     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 9.79                 | 0.00953            | 20.99         | 0.12560     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 9.78                 | 0.00951            | 20.98         | 0.12531     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 9.64                 | 0.00920            | 20.84         | 0.12134     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 9.75                 | 0.00944            | 20.95         | 0.12445     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 9.75                 | 0.00944            | 20.95         | 0.12445     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 9.71                 | 0.00935            | 20.91         | 0.12331     |

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       |                 | 9.36            | 9.36                 | 20.56         | 21.00               |
| 5200MHz                               | Pass   | 11.20       |                 | 9.67            | 9.67                 | 20.87         | 21.00               |
| 5240MHz                               | Pass   | 11.20       |                 | 9.77            | 9.77                 | 20.97         | 21.00               |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       | 6.56            | 6.59            | 9.59                 | 20.79         | 21.00               |
| 5200MHz                               | Pass   | 11.20       | 6.79            | 6.66            | 9.74                 | 20.94         | 21.00               |
| 5240MHz                               | Pass   | 11.20       | 6.99            | 6.28            | 9.66                 | 20.86         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       |                 | 9.43            | 9.43                 | 20.63         | 21.00               |
| 5200MHz                               | Pass   | 11.20       |                 | 9.51            | 9.51                 | 20.71         | 21.00               |
| 5240MHz                               | Pass   | 11.20       |                 | 9.31            | 9.31                 | 20.51         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       | 5.69            | 6.14            | 8.93                 | 20.13         | 21.00               |
| 5200MHz                               | Pass   | 11.20       | 6.46            | 6.67            | 9.58                 | 20.78         | 21.00               |
| 5240MHz                               | Pass   | 11.20       | 6.73            | 6.23            | 9.50                 | 20.70         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 11.20       |                 | 9.57            | 9.57                 | 20.77         | 21.00               |
| 5230MHz                               | Pass   | 11.20       |                 | 9.34            | 9.34                 | 20.54         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 11.20       | 6.26            | 6.25            | 9.27                 | 20.47         | 21.00               |
| 5230MHz                               | Pass   | 11.20       | 6.99            | 6.26            | 9.65                 | 20.85         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 11.20       |                 | 9.46            | 9.46                 | 20.66         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 11.20       | 6.85            | 6.26            | 9.58                 | 20.78         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       |                 | 9.53            | 9.53                 | 20.73         | 21.00               |
| 5200MHz                               | Pass   | 11.20       |                 | 9.79            | 9.79                 | 20.99         | 21.00               |
| 5240MHz                               | Pass   | 11.20       |                 | 9.42            | 9.42                 | 20.62         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 11.20       | 6.28            | 6.43            | 9.37                 | 20.57         | 21.00               |
| 5200MHz                               | Pass   | 11.20       | 6.61            | 6.93            | 9.78                 | 20.98         | 21.00               |
| 5240MHz                               | Pass   | 11.20       | 6.89            | 6.44            | 9.68                 | 20.88         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 11.20       |                 | 9.64            | 9.64                 | 20.84         | 21.00               |
| 5230MHz                               | Pass   | 11.20       |                 | 9.48            | 9.48                 | 20.68         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 11.20       | 6.54            | 6.30            | 9.43                 | 20.63         | 21.00               |
| 5230MHz                               | Pass   | 11.20       | 7.10            | 6.35            | 9.75                 | 20.95         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 11.20       |                 | 9.75            | 9.75                 | 20.95         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 11.20       | 6.84            | 6.56            | 9.71                 | 20.91         | 21.00               |



## ***MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees*** ***Group 2***

Appendix C.19

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 4**

Appendix C.19

**Summary**

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                          | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 11.23                | 0.01327            | 20.93         | 0.12388     |
| 802.11a_Nss1,(6Mbps)_2TX              | 11.00                | 0.01259            | 20.70         | 0.11749     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 11.00                | 0.01259            | 20.70         | 0.11749     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 11.19                | 0.01315            | 20.89         | 0.12274     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 11.11                | 0.01291            | 20.81         | 0.12050     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 11.25                | 0.01334            | 20.95         | 0.12445     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 10.96                | 0.01247            | 20.66         | 0.11641     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 10.91                | 0.01233            | 20.61         | 0.11508     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 11.21                | 0.01321            | 20.91         | 0.12331     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 11.29                | 0.01346            | 20.99         | 0.12560     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 11.23                | 0.01327            | 20.93         | 0.12388     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 11.26                | 0.01337            | 20.96         | 0.12474     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 11.27                | 0.01340            | 20.97         | 0.12503     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 11.21                | 0.01321            | 20.91         | 0.12331     |

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        |                 | 11.18           | 11.18                | 20.88         | 21.00               |
| 5200MHz                               | Pass   | 9.70        |                 | 11.11           | 11.11                | 20.81         | 21.00               |
| 5240MHz                               | Pass   | 9.70        |                 | 11.23           | 11.23                | 20.93         | 21.00               |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        | 8.00            | 7.97            | 11.00                | 20.70         | 21.00               |
| 5200MHz                               | Pass   | 9.70        | 7.76            | 7.93            | 10.86                | 20.56         | 21.00               |
| 5240MHz                               | Pass   | 9.70        | 7.58            | 8.21            | 10.92                | 20.62         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        |                 | 11.00           | 11.00                | 20.70         | 21.00               |
| 5200MHz                               | Pass   | 9.70        |                 | 10.99           | 10.99                | 20.69         | 21.00               |
| 5240MHz                               | Pass   | 9.70        |                 | 10.68           | 10.68                | 20.38         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        | 8.30            | 7.94            | 11.13                | 20.83         | 21.00               |
| 5200MHz                               | Pass   | 9.70        | 8.33            | 8.03            | 11.19                | 20.89         | 21.00               |
| 5240MHz                               | Pass   | 9.70        | 7.73            | 8.16            | 10.96                | 20.66         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 9.70        |                 | 10.74           | 10.74                | 20.44         | 21.00               |
| 5230MHz                               | Pass   | 9.70        |                 | 11.11           | 11.11                | 20.81         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 9.70        | 8.33            | 8.14            | 11.25                | 20.95         | 21.00               |
| 5230MHz                               | Pass   | 9.70        | 7.93            | 7.86            | 10.91                | 20.61         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 9.70        |                 | 10.96           | 10.96                | 20.66         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 9.70        | 8.06            | 7.74            | 10.91                | 20.61         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        |                 | 11.17           | 11.17                | 20.87         | 21.00               |
| 5200MHz                               | Pass   | 9.70        |                 | 11.21           | 11.21                | 20.91         | 21.00               |
| 5240MHz                               | Pass   | 9.70        |                 | 10.92           | 10.92                | 20.62         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 9.70        | 7.48            | 8.11            | 10.82                | 20.52         | 21.00               |
| 5200MHz                               | Pass   | 9.70        | 7.79            | 8.72            | 11.29                | 20.99         | 21.00               |
| 5240MHz                               | Pass   | 9.70        | 8.07            | 8.33            | 11.21                | 20.91         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 9.70        |                 | 10.95           | 10.95                | 20.65         | 21.00               |
| 5230MHz                               | Pass   | 9.70        |                 | 11.23           | 11.23                | 20.93         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 9.70        | 8.24            | 8.25            | 11.26                | 20.96         | 21.00               |
| 5230MHz                               | Pass   | 9.70        | 8.10            | 8.03            | 11.08                | 20.78         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 9.70        |                 | 11.27           | 11.27                | 20.97         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 9.70        | 8.22            | 8.18            | 11.21                | 20.91         | 21.00               |



## ***MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees*** ***Group 4***

Appendix C.19

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 3**

Appendix C.19

**Summary**

| Mode                                  | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                          | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 19.10                | 0.08128            | 20.90         | 0.12303     |
| 802.11a_Nss1,(6Mbps)_2TX              | 19.15                | 0.08222            | 20.95         | 0.12445     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 19.02                | 0.07980            | 20.82         | 0.12078     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 19.12                | 0.08166            | 20.92         | 0.12359     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 19.02                | 0.07980            | 20.82         | 0.12078     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 19.16                | 0.08241            | 20.96         | 0.12474     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | 15.72                | 0.03733            | 17.52         | 0.05649     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 18.15                | 0.06531            | 19.95         | 0.09886     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 19.18                | 0.08279            | 20.98         | 0.12531     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 19.19                | 0.08299            | 20.99         | 0.12560     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 19.14                | 0.08204            | 20.94         | 0.12417     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 19.17                | 0.08260            | 20.97         | 0.12503     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | 16.07                | 0.04046            | 17.87         | 0.06124     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 18.50                | 0.07079            | 20.30         | 0.10715     |

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        |                 | 17.69           | 17.69                | 19.49         | 21.00               |
| 5200MHz                               | Pass   | 1.80        |                 | 18.97           | 18.97                | 20.77         | 21.00               |
| 5240MHz                               | Pass   | 1.80        |                 | 19.10           | 19.10                | 20.90         | 21.00               |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        | 16.09           | 16.18           | 19.15                | 20.95         | 21.00               |
| 5200MHz                               | Pass   | 1.80        | 15.91           | 16.03           | 18.98                | 20.78         | 21.00               |
| 5240MHz                               | Pass   | 1.80        | 15.54           | 16.09           | 18.83                | 20.63         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        |                 | 11.97           | 11.97                | 13.77         | 21.00               |
| 5200MHz                               | Pass   | 1.80        |                 | 18.81           | 18.81                | 20.61         | 21.00               |
| 5240MHz                               | Pass   | 1.80        |                 | 19.02           | 19.02                | 20.82         | 21.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        | 16.05           | 16.16           | 19.12                | 20.92         | 21.00               |
| 5200MHz                               | Pass   | 1.80        | 15.77           | 15.71           | 18.75                | 20.55         | 21.00               |
| 5240MHz                               | Pass   | 1.80        | 15.45           | 16.09           | 18.79                | 20.59         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 1.80        |                 | 16.17           | 16.17                | 17.97         | 21.00               |
| 5230MHz                               | Pass   | 1.80        |                 | 19.02           | 19.02                | 20.82         | 21.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 1.80        | 16.04           | 16.25           | 19.16                | 20.96         | 21.00               |
| 5230MHz                               | Pass   | 1.80        | 15.56           | 15.88           | 18.73                | 20.53         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 1.80        |                 | 15.72           | 15.72                | 17.52         | 21.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 1.80        | 15.01           | 15.26           | 18.15                | 19.95         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        |                 | 17.31           | 17.31                | 19.11         | 21.00               |
| 5200MHz                               | Pass   | 1.80        |                 | 19.12           | 19.12                | 20.92         | 21.00               |
| 5240MHz                               | Pass   | 1.80        |                 | 19.18           | 19.18                | 20.98         | 21.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                               | Pass   | 1.80        | 16.10           | 16.26           | 19.19                | 20.99         | 21.00               |
| 5200MHz                               | Pass   | 1.80        | 16.02           | 16.17           | 19.11                | 20.91         | 21.00               |
| 5240MHz                               | Pass   | 1.80        | 15.67           | 16.33           | 19.02                | 20.82         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 1.80        |                 | 16.45           | 16.45                | 18.25         | 21.00               |
| 5230MHz                               | Pass   | 1.80        |                 | 19.14           | 19.14                | 20.94         | 21.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                               | Pass   | 1.80        | 16.11           | 16.21           | 19.17                | 20.97         | 21.00               |
| 5230MHz                               | Pass   | 1.80        | 15.73           | 16.17           | 18.97                | 20.77         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 1.80        |                 | 16.07           | 16.07                | 17.87         | 21.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_2TX        | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                               | Pass   | 1.80        | 15.43           | 15.54           | 18.50                | 20.30         | 21.00               |



## ***MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees*** ***Group 3***

Appendix C.19

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**\_Group 1\_ Beamforming**

Appendix C.19

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.18                | 0.08279            | 18.18         | 0.06577     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 19.29                | 0.08492            | 18.29         | 0.06745     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 17.34                | 0.05420            | 16.34         | 0.04305     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.20                | 0.08318            | 18.20         | 0.06607     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.32                | 0.08551            | 18.32         | 0.06792     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 17.41                | 0.05508            | 16.41         | 0.04375     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 1 Beamforming**

Appendix C.19

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | -1.00       | 16.34           | 16.00           | 19.18                | 18.18         | 21.00               |
| 5200MHz                           | Pass   | -1.00       | 15.74           | 15.79           | 18.78                | 17.78         | 21.00               |
| 5240MHz                           | Pass   | -1.00       | 15.55           | 16.44           | 19.03                | 18.03         | 21.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | -1.00       | 14.36           | 14.02           | 17.20                | 16.20         | 21.00               |
| 5230MHz                           | Pass   | -1.00       | 16.13           | 16.43           | 19.29                | 18.29         | 21.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | -1.00       | 14.29           | 14.36           | 17.34                | 16.34         | 21.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | -1.00       | 16.38           | 16.00           | 19.20                | 18.20         | 21.00               |
| 5200MHz                           | Pass   | -1.00       | 15.76           | 15.82           | 18.80                | 17.80         | 21.00               |
| 5240MHz                           | Pass   | -1.00       | 15.60           | 16.58           | 19.13                | 18.13         | 21.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | -1.00       | 14.30           | 14.22           | 17.27                | 16.27         | 21.00               |
| 5230MHz                           | Pass   | -1.00       | 15.96           | 16.64           | 19.32                | 18.32         | 21.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | -1.00       | 14.31           | 14.48           | 17.41                | 16.41         | 21.00               |

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 2 Beamforming**

Appendix C.19

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 9.64                 | 0.00920            | 20.84         | 0.12134     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 9.51                 | 0.00893            | 20.71         | 0.11776     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 9.62                 | 0.00916            | 20.82         | 0.12078     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 9.78                 | 0.00951            | 20.98         | 0.12531     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 9.60                 | 0.00912            | 20.80         | 0.12023     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 9.70                 | 0.00933            | 20.90         | 0.12303     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 2 Beamforming**

Appendix C.19

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.20       | 6.36            | 5.84            | 9.12                 | 20.32         | 21.00               |
| 5200MHz                           | Pass   | 11.20       | 7.02            | 5.97            | 9.54                 | 20.74         | 21.00               |
| 5240MHz                           | Pass   | 11.20       | 7.05            | 6.16            | 9.64                 | 20.84         | 21.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.20       | 6.66            | 6.25            | 9.47                 | 20.67         | 21.00               |
| 5230MHz                           | Pass   | 11.20       | 6.94            | 6.01            | 9.51                 | 20.71         | 21.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.20       | 7.07            | 6.10            | 9.62                 | 20.82         | 21.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.20       | 7.18            | 6.32            | 9.78                 | 20.98         | 21.00               |
| 5200MHz                           | Pass   | 11.20       | 7.09            | 5.97            | 9.58                 | 20.78         | 21.00               |
| 5240MHz                           | Pass   | 11.20       | 7.16            | 6.14            | 9.69                 | 20.89         | 21.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.20       | 6.74            | 6.32            | 9.55                 | 20.75         | 21.00               |
| 5230MHz                           | Pass   | 11.20       | 7.04            | 6.09            | 9.60                 | 20.80         | 21.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.20       | 7.05            | 6.29            | 9.70                 | 20.90         | 21.00               |

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 3 Beamforming**

Appendix C.19

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 19.18                | 0.08279            | 20.98         | 0.12531     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 18.75                | 0.07499            | 20.55         | 0.11350     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 17.34                | 0.05420            | 19.14         | 0.08204     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.19                | 0.08299            | 20.99         | 0.12560     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 19.16                | 0.08241            | 20.96         | 0.12474     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 17.41                | 0.05508            | 19.21         | 0.08337     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 3 Beamforming**

Appendix C.19

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 1.80        | 16.34           | 16.00           | 19.18                | 20.98         | 21.00               |
| 5200MHz                           | Pass   | 1.80        | 15.74           | 15.79           | 18.78                | 20.58         | 21.00               |
| 5240MHz                           | Pass   | 1.80        | 15.55           | 16.44           | 19.03                | 20.83         | 21.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 1.80        | 16.01           | 15.03           | 18.56                | 20.36         | 21.00               |
| 5230MHz                           | Pass   | 1.80        | 16.08           | 15.36           | 18.75                | 20.55         | 21.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 1.80        | 14.29           | 14.36           | 17.34                | 19.14         | 21.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 1.80        | 16.36           | 16.00           | 19.19                | 20.99         | 21.00               |
| 5200MHz                           | Pass   | 1.80        | 15.76           | 15.82           | 18.80                | 20.60         | 21.00               |
| 5240MHz                           | Pass   | 1.80        | 15.60           | 16.58           | 19.13                | 20.93         | 21.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 1.80        | 16.23           | 15.18           | 18.75                | 20.55         | 21.00               |
| 5230MHz                           | Pass   | 1.80        | 16.67           | 15.56           | 19.16                | 20.96         | 21.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 1.80        | 14.31           | 14.48           | 17.41                | 19.21         | 21.00               |

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**\_Group 4\_ Beamforming**

Appendix C.19

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 11.08                | 0.01282            | 20.78         | 0.11967     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 11.22                | 0.01324            | 20.92         | 0.12359     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 10.23                | 0.01054            | 19.93         | 0.09840     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 11.11                | 0.01291            | 20.81         | 0.12050     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 11.26                | 0.01337            | 20.96         | 0.12474     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 10.38                | 0.01091            | 20.08         | 0.10186     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Group 4 Beamforming**

Appendix C.19

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 9.70        | 8.10            | 8.04            | 11.08                | 20.78         | 21.00               |
| 5200MHz                           | Pass   | 9.70        | 7.72            | 7.85            | 10.80                | 20.50         | 21.00               |
| 5240MHz                           | Pass   | 9.70        | 7.42            | 8.30            | 10.89                | 20.59         | 21.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 9.70        | 8.21            | 8.20            | 11.22                | 20.92         | 21.00               |
| 5230MHz                           | Pass   | 9.70        | 8.16            | 8.24            | 11.21                | 20.91         | 21.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 9.70        | 7.13            | 7.30            | 10.23                | 19.93         | 21.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5180MHz                           | Pass   | 9.70        | 8.11            | 8.08            | 11.11                | 20.81         | 21.00               |
| 5200MHz                           | Pass   | 9.70        | 7.67            | 8.05            | 10.87                | 20.57         | 21.00               |
| 5240MHz                           | Pass   | 9.70        | 7.17            | 8.62            | 10.97                | 20.67         | 21.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5190MHz                           | Pass   | 9.70        | 8.08            | 8.38            | 11.24                | 20.94         | 21.00               |
| 5230MHz                           | Pass   | 9.70        | 8.08            | 8.42            | 11.26                | 20.96         | 21.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5210MHz                           | Pass   | 9.70        | 7.15            | 7.57            | 10.38                | 20.08         | 21.00               |

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

**Summary**

| Mode                                  | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                          | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 7.70            | 14.70                |
| 802.11a_Nss1,(6Mbps)_2TX              | 8.98            | 18.99                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 6.90            | 13.90                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 8.55            | 18.56                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 2.85            | 9.85                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 3.82            | 13.83                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -4.35           | 2.65                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 2.25            | 12.26                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 6.74            | 13.74                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 8.43            | 18.44                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 2.74            | 9.74                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 3.78            | 13.79                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -4.24           | 2.76                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 2.45            | 12.46                |
| 5.725-5.85GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | 8.25            | 15.25                |
| 802.11a_Nss1,(6Mbps)_2TX              | 10.34           | 20.35                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | 7.93            | 14.93                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 9.15            | 19.16                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | 4.25            | 11.25                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 4.46            | 14.47                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -2.33           | 4.67                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | 3.04            | 13.05                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | 7.68            | 14.68                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 9.06            | 19.07                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | 4.14            | 11.14                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 4.36            | 14.37                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -2.35           | 4.65                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | 2.95            | 12.96                |

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

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port1)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 7.00        | 4.36                |                     | 4.36            | 16.00                 | 11.36                | 23.00                      |
| 5200MHz                               | Pass   | 7.00        | 7.70                |                     | 7.70            | 16.00                 | 14.70                | 23.00                      |
| 5240MHz                               | Pass   | 7.00        | 7.36                |                     | 7.36            | 16.00                 | 14.36                | 23.00                      |
| 5745MHz                               | Pass   | 7.00        | 8.25                |                     | 8.25            | 29.00                 | 15.25                | 36.00                      |
| 5785MHz                               | Pass   | 7.00        | 8.05                |                     | 8.05            | 29.00                 | 15.05                | 36.00                      |
| 5825MHz                               | Pass   | 7.00        | 7.83                |                     | 7.83            | 29.00                 | 14.83                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 10.01       | 3.46                | 3.21                | 6.34            | 12.99                 | 16.35                | 23.00                      |
| 5200MHz                               | Pass   | 10.01       | 5.67                | 5.74                | 8.63            | 12.99                 | 18.64                | 23.00                      |
| 5240MHz                               | Pass   | 10.01       | 5.81                | 6.17                | 8.98            | 12.99                 | 18.99                | 23.00                      |
| 5745MHz                               | Pass   | 10.01       | 7.46                | 6.75                | 10.05           | 25.99                 | 20.06                | 36.00                      |
| 5785MHz                               | Pass   | 10.01       | 7.90                | 6.96                | 10.30           | 25.99                 | 20.31                | 36.00                      |
| 5825MHz                               | Pass   | 10.01       | 7.75                | 7.21                | 10.34           | 25.99                 | 20.35                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 7.00        | 2.86                |                     | 2.86            | 16.00                 | 9.86                 | 23.00                      |
| 5200MHz                               | Pass   | 7.00        | 6.83                |                     | 6.83            | 16.00                 | 13.83                | 23.00                      |
| 5240MHz                               | Pass   | 7.00        | 6.90                |                     | 6.90            | 16.00                 | 13.90                | 23.00                      |
| 5745MHz                               | Pass   | 7.00        | 7.93                |                     | 7.93            | 29.00                 | 14.93                | 36.00                      |
| 5785MHz                               | Pass   | 7.00        | 7.59                |                     | 7.59            | 29.00                 | 14.59                | 36.00                      |
| 5825MHz                               | Pass   | 7.00        | 7.47                |                     | 7.47            | 29.00                 | 14.47                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 10.01       | 3.06                | 2.81                | 5.93            | 12.99                 | 15.94                | 23.00                      |
| 5200MHz                               | Pass   | 10.01       | 4.74                | 4.71                | 7.63            | 12.99                 | 17.64                | 23.00                      |
| 5240MHz                               | Pass   | 10.01       | 5.41                | 5.85                | 8.55            | 12.99                 | 18.56                | 23.00                      |
| 5745MHz                               | Pass   | 10.01       | 5.52                | 4.83                | 8.03            | 25.99                 | 18.04                | 36.00                      |
| 5785MHz                               | Pass   | 10.01       | 6.70                | 5.96                | 9.15            | 25.99                 | 19.16                | 36.00                      |
| 5825MHz                               | Pass   | 10.01       | 5.51                | 4.74                | 7.89            | 25.99                 | 17.90                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 7.00        | -1.01               |                     | -1.01           | 16.00                 | 5.99                 | 23.00                      |
| 5230MHz                               | Pass   | 7.00        | 2.85                |                     | 2.85            | 16.00                 | 9.85                 | 23.00                      |
| 5755MHz                               | Pass   | 7.00        | 4.25                |                     | 4.25            | 29.00                 | 11.25                | 36.00                      |
| 5795MHz                               | Pass   | 7.00        | 3.72                |                     | 3.72            | 29.00                 | 10.72                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 10.01       | -0.81               | -0.98               | 2.01            | 12.99                 | 12.02                | 23.00                      |
| 5230MHz                               | Pass   | 10.01       | 0.95                | 0.80                | 3.82            | 12.99                 | 13.83                | 23.00                      |
| 5755MHz                               | Pass   | 10.01       | 1.17                | 0.10                | 3.53            | 25.99                 | 13.54                | 36.00                      |
| 5795MHz                               | Pass   | 10.01       | 2.21                | 0.99                | 4.46            | 25.99                 | 14.47                | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 7.00        | -4.35               |                     | -4.35           | 16.00                 | 2.65                 | 23.00                      |
| 5775MHz                               | Pass   | 7.00        | -2.33               |                     | -2.33           | 29.00                 | 4.67                 | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 10.01       | -0.63               | -0.80               | 2.25            | 12.99                 | 12.26                | 23.00                      |
| 5775MHz                               | Pass   | 10.01       | 0.63                | -0.33               | 3.04            | 25.99                 | 13.05                | 36.00                      |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 7.00        | 2.83                |                     | 2.83            | 16.00                 | 9.83                 | 23.00                      |
| 5200MHz                               | Pass   | 7.00        | 6.64                |                     | 6.64            | 16.00                 | 13.64                | 23.00                      |
| 5240MHz                               | Pass   | 7.00        | 6.74                |                     | 6.74            | 16.00                 | 13.74                | 23.00                      |
| 5745MHz                               | Pass   | 7.00        | 7.68                |                     | 7.68            | 29.00                 | 14.68                | 36.00                      |
| 5785MHz                               | Pass   | 7.00        | 7.50                |                     | 7.50            | 29.00                 | 14.50                | 36.00                      |
| 5825MHz                               | Pass   | 7.00        | 7.28                |                     | 7.28            | 29.00                 | 14.28                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 10.01       | 3.01                | 2.69                | 5.85            | 12.99                 | 15.86                | 23.00                      |
| 5200MHz                               | Pass   | 10.01       | 4.69                | 4.57                | 7.55            | 12.99                 | 17.56                | 23.00                      |
| 5240MHz                               | Pass   | 10.01       | 5.31                | 5.75                | 8.43            | 12.99                 | 18.44                | 23.00                      |
| 5745MHz                               | Pass   | 10.01       | 5.49                | 4.83                | 8.03            | 25.99                 | 18.04                | 36.00                      |
| 5785MHz                               | Pass   | 10.01       | 6.60                | 5.84                | 9.06            | 25.99                 | 19.07                | 36.00                      |
| 5825MHz                               | Pass   | 10.01       | 5.41                | 4.61                | 7.82            | 25.99                 | 17.83                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 7.00        | -1.00               |                     | -1.00           | 16.00                 | 6.00                 | 23.00                      |
| 5230MHz                               | Pass   | 7.00        | 2.74                |                     | 2.74            | 16.00                 | 9.74                 | 23.00                      |
| 5755MHz                               | Pass   | 7.00        | 4.14                |                     | 4.14            | 29.00                 | 11.14                | 36.00                      |
| 5795MHz                               | Pass   | 7.00        | 3.61                |                     | 3.61            | 29.00                 | 10.61                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 10.01       | -0.84               | -1.11               | 2.02            | 12.99                 | 12.03                | 23.00                      |
| 5230MHz                               | Pass   | 10.01       | 0.88                | 0.77                | 3.78            | 12.99                 | 13.79                | 23.00                      |
| 5755MHz                               | Pass   | 10.01       | 1.23                | 0.04                | 3.53            | 25.99                 | 13.54                | 36.00                      |
| 5795MHz                               | Pass   | 10.01       | 2.09                | 0.92                | 4.36            | 25.99                 | 14.37                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 7.00        | -4.24               |                     | -4.24           | 16.00                 | 2.76                 | 23.00                      |
| 5775MHz                               | Pass   | 7.00        | -2.35               |                     | -2.35           | 29.00                 | 4.65                 | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 10.01       | -0.45               | -0.64               | 2.45            | 12.99                 | 12.46                | 23.00                      |
| 5775MHz                               | Pass   | 10.01       | 0.59                | -0.31               | 2.95            | 25.99                 | 12.96                | 36.00                      |

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

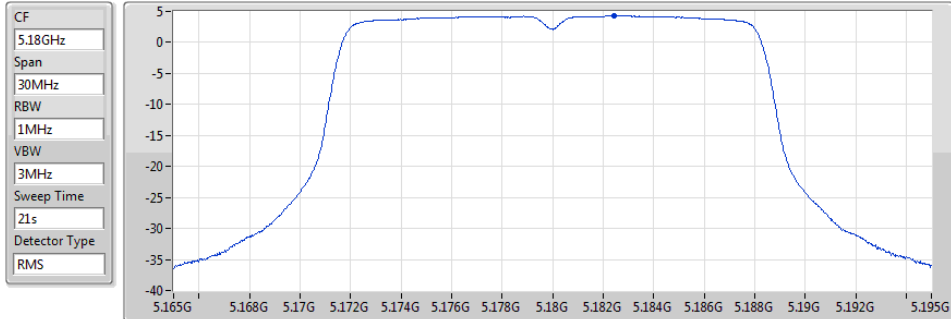
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

5180MHz

22/08/2019



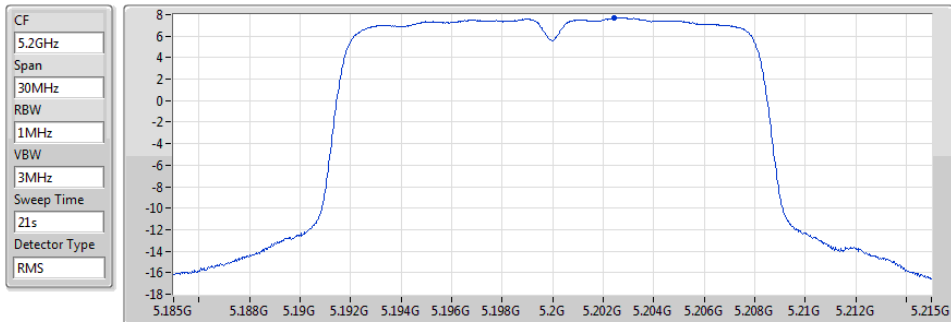
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.36      | 4.36      | 4.36      |

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

PSD

5200MHz

22/08/2019



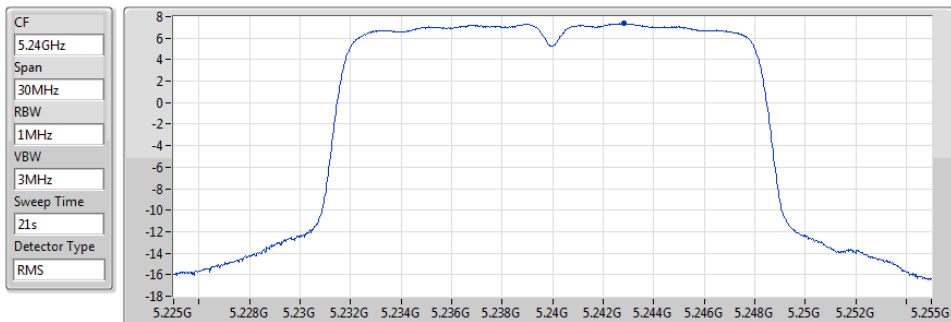
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.70      | 7.70      | 7.70      |

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

PSD

5240MHz

22/08/2019



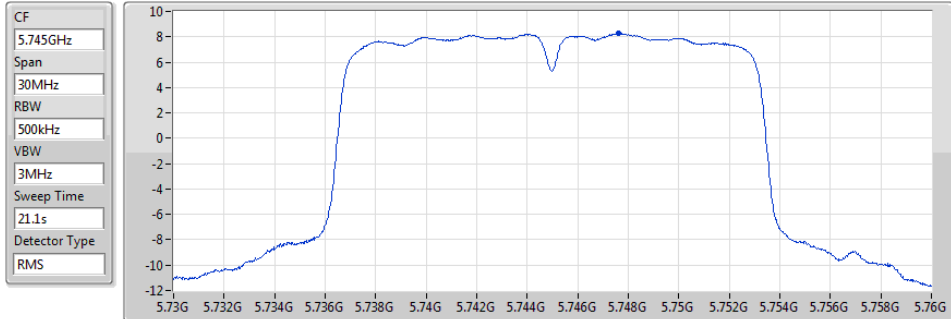
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.36      | 7.36      | 7.36      |

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

PSD

5745MHz

14/08/2019



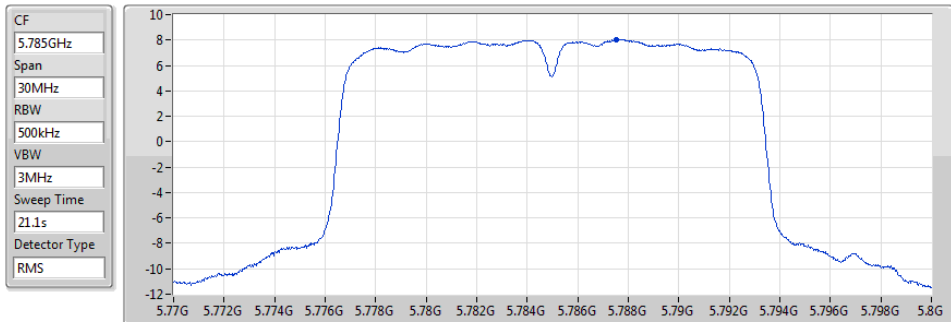
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.25      | 8.25      | 8.25      |

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

PSD

5785MHz

14/08/2019



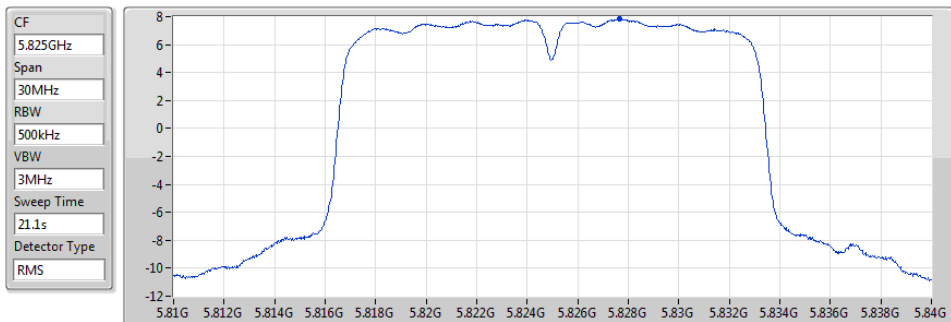
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.05      | 8.05      | 8.05      |

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

PSD

5825MHz

14/08/2019



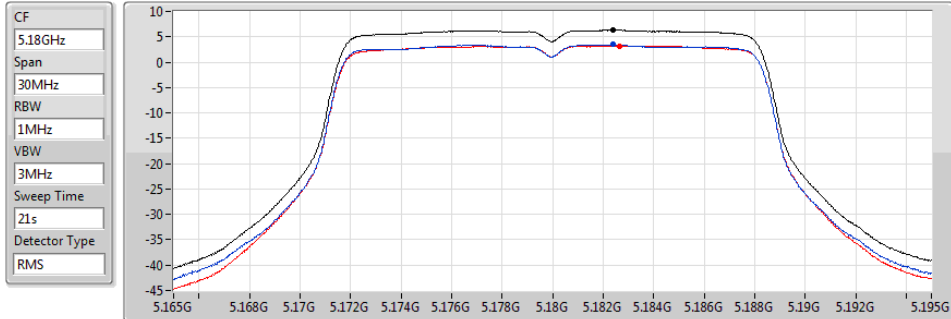
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.83      | 7.83      | 7.83      |

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

### PSD

5180MHz

22/08/2019



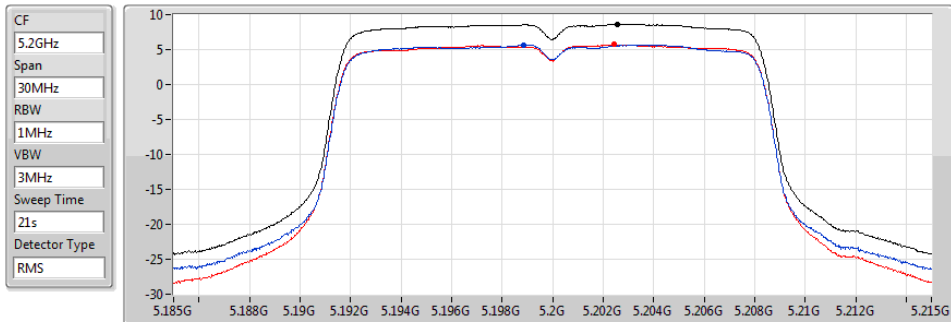
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.34      | 6.34      | 3.46      | 3.21      |

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

### PSD

5200MHz

22/08/2019



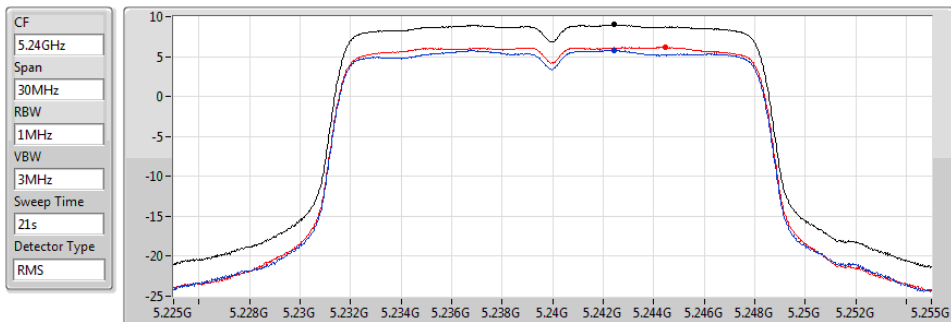
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.63      | 8.63      | 5.67      | 5.74      |

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

### PSD

5240MHz

22/08/2019



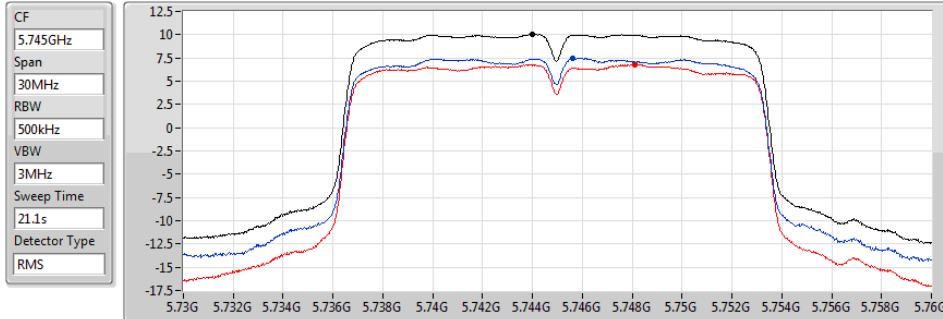
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.98      | 8.98      | 5.81      | 6.17      |

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

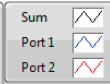
### PSD

5745MHz

14/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 10.05    | 10.05    | 7.46     | 6.75     |

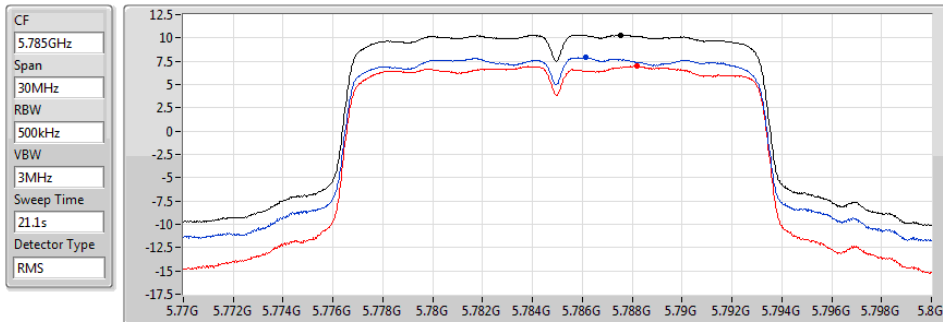


### 802.11a\_Nss1,(6Mbps)\_2TX

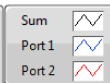
### PSD

5785MHz

14/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 10.30    | 10.30    | 7.90     | 6.96     |

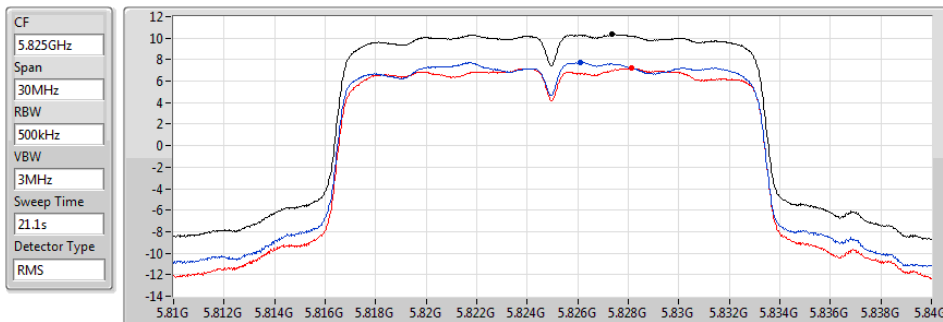


### 802.11a\_Nss1,(6Mbps)\_2TX

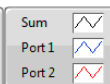
### PSD

5825MHz

14/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 10.34    | 10.34    | 7.75     | 7.21     |

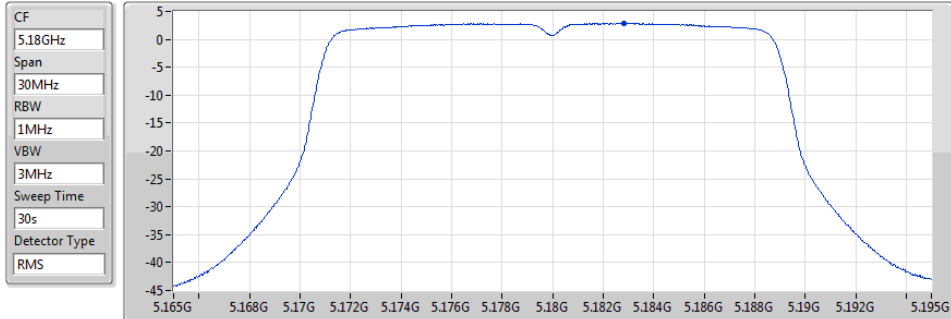


### 802.11ac VHT20\_Nss1,(MCS0)\_1TX(Port1)

PSD

5180MHz

22/08/2019



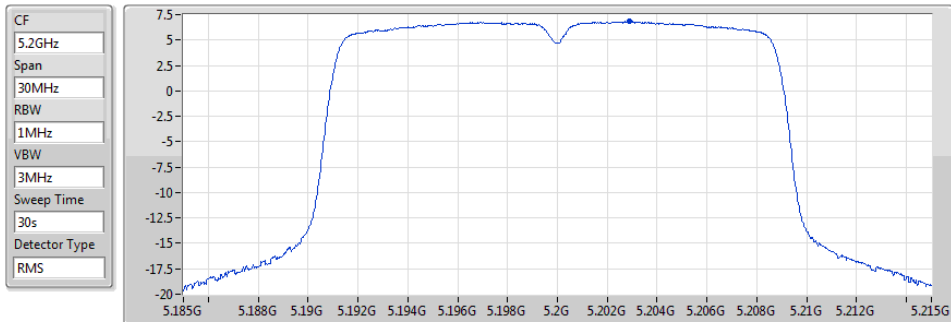
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.86     | 2.86     | 2.86     |

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

PSD

5200MHz

22/08/2019



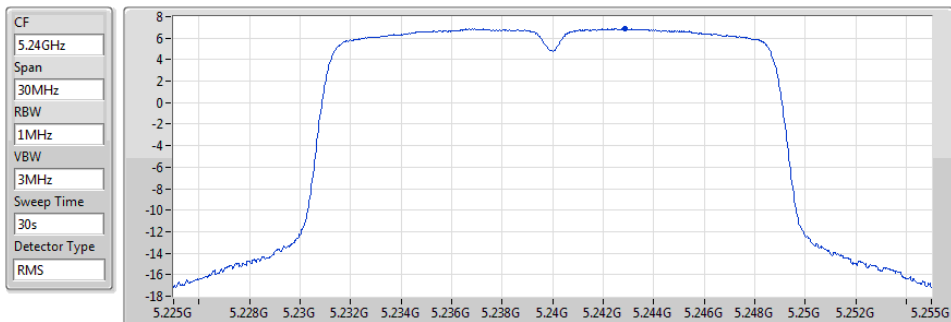
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.83     | 6.83     | 6.83     |

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

PSD

5240MHz

22/08/2019



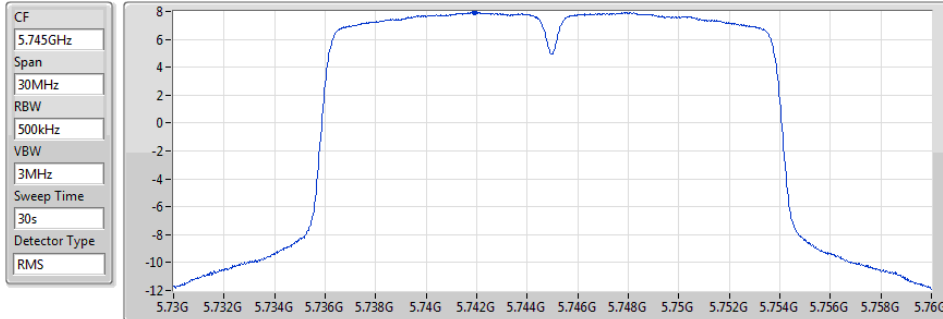
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.90     | 6.90     | 6.90     |

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

PSD

5745MHz

14/08/2019



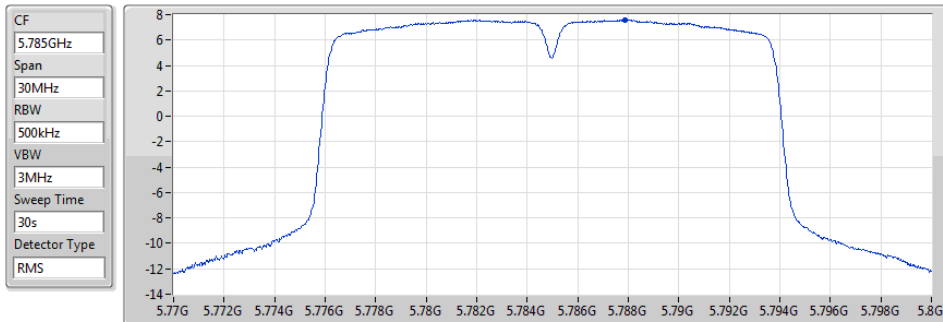
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.93      | 7.93      | 7.93      |

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

PSD

5785MHz

14/08/2019



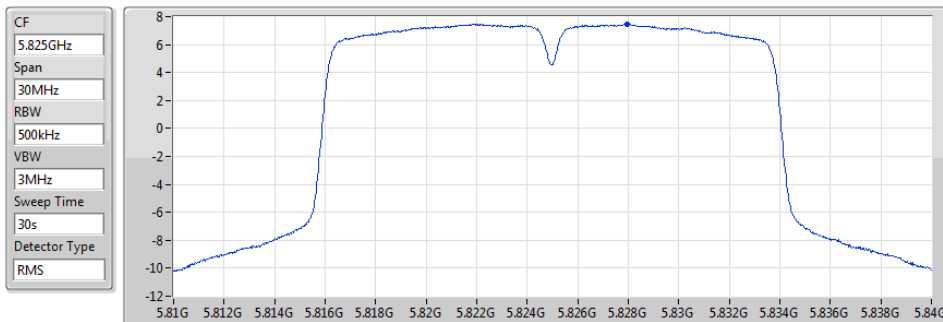
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.59      | 7.59      | 7.59      |

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

PSD

5825MHz

14/08/2019



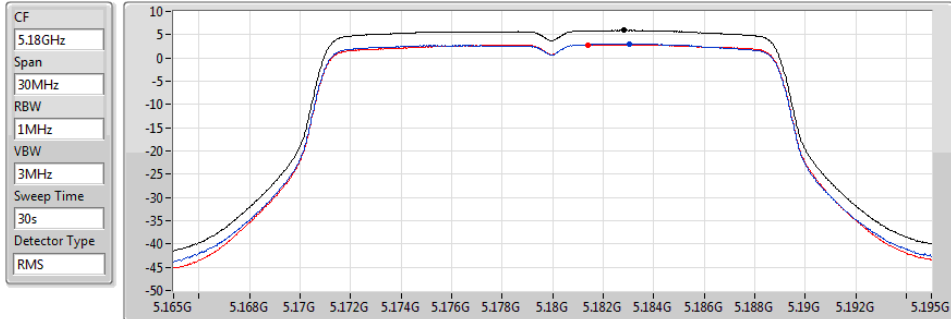
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.47      | 7.47      | 7.47      |

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

PSD

5180MHz

22/08/2019



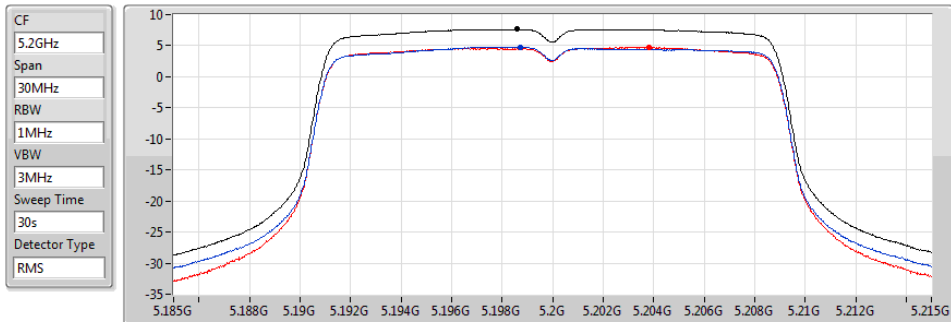
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.93     | 5.93     | 3.06     | 2.81     |

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

PSD

5200MHz

22/08/2019



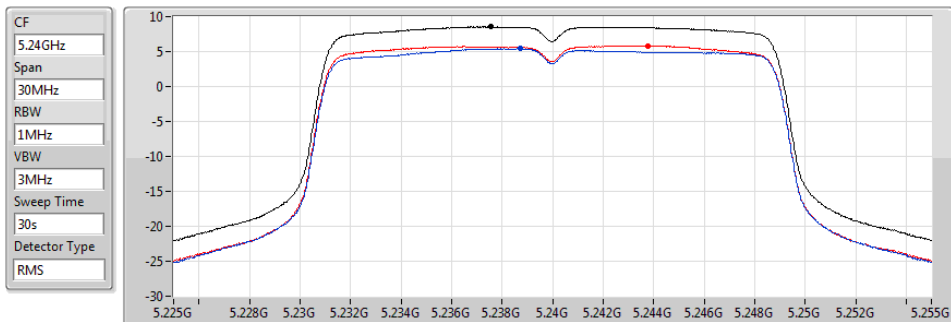
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.63     | 7.63     | 4.74     | 4.71     |

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

PSD

5240MHz

22/08/2019



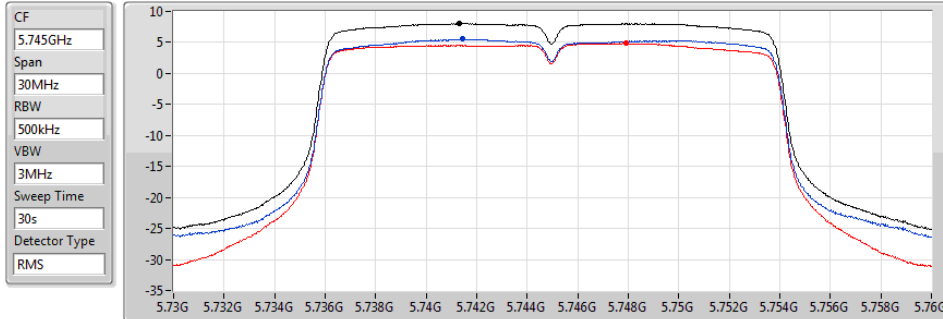
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 8.55     | 8.55     | 5.41     | 5.85     |

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

PSD

5745MHz

14/08/2019



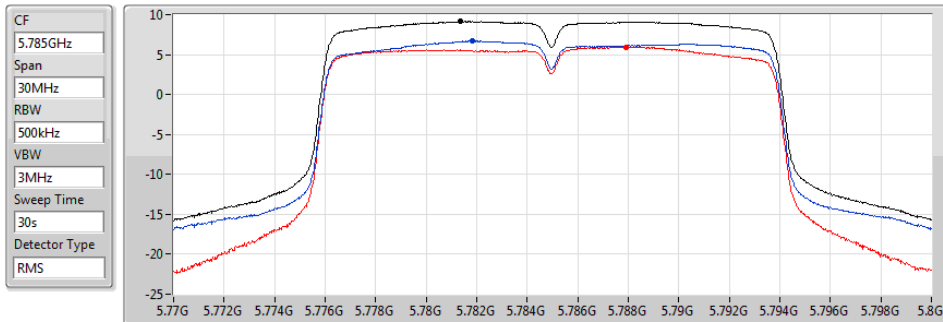
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.03      | 8.03      | 5.52      | 4.83      |

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

PSD

5785MHz

14/08/2019



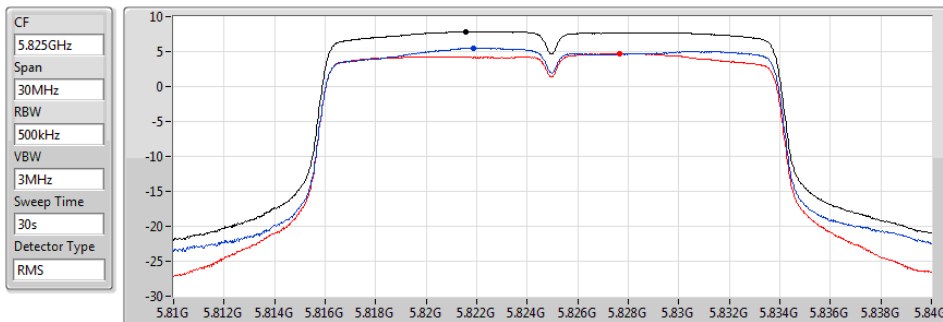
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.15      | 9.15      | 6.70      | 5.96      |

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

PSD

5825MHz

14/08/2019



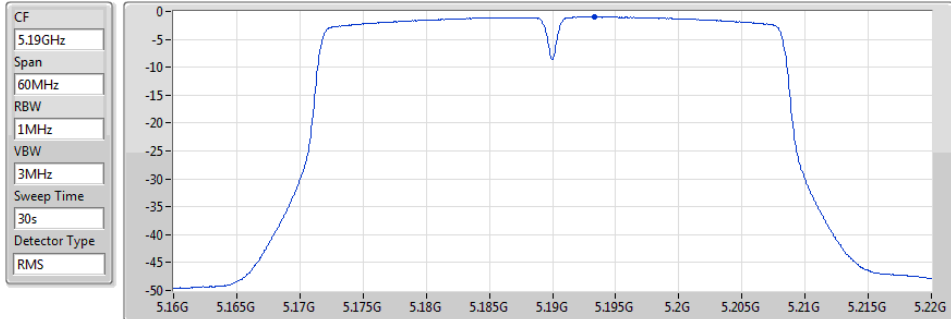
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.89      | 7.89      | 5.51      | 4.74      |

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

PSD

5190MHz

22/08/2019



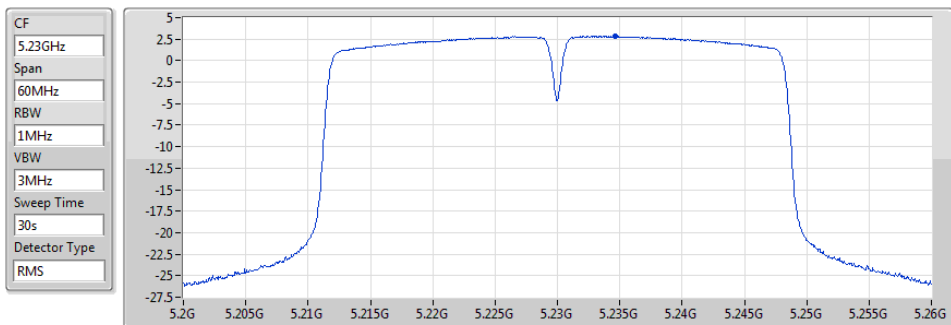
| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -1.01        | -1.01        | -1.01        |

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

PSD

5230MHz

22/08/2019



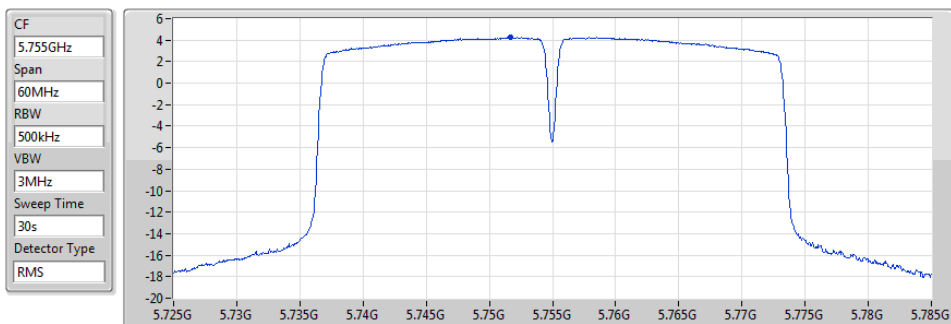
| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.85         | 2.85         | 2.85         |

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

PSD

5755MHz

14/08/2019



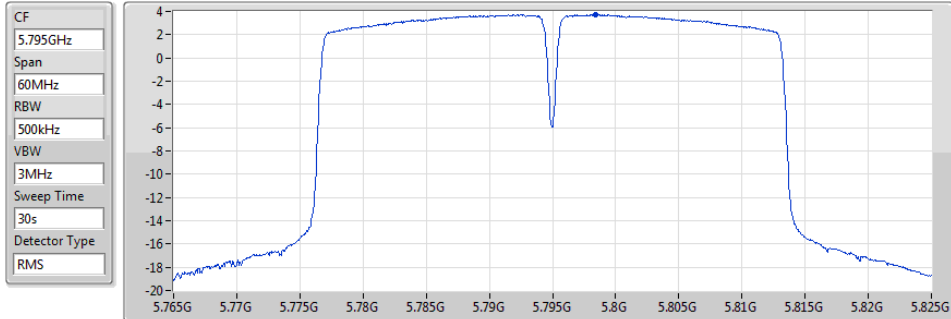
| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 4.25         | 4.25         | 4.25         |

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

PSD

5795MHz

14/08/2019



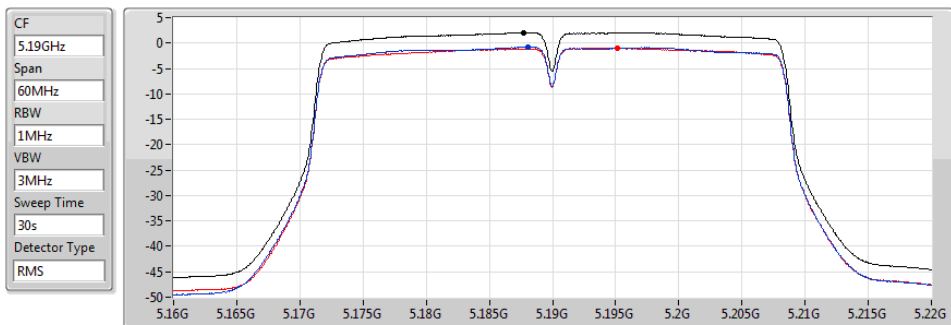
| Sum          | PD           | Port 1       |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 3.72         | 3.72         | 3.72         |

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

PSD

5190MHz

22/08/2019



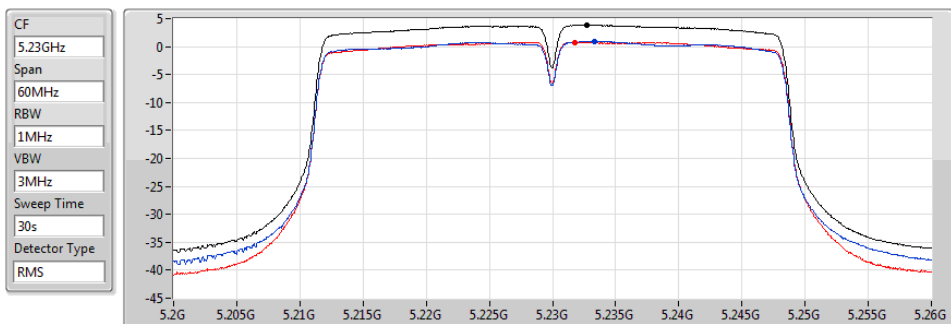
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.01         | 2.01         | -0.81        | -0.98        |

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

PSD

5230MHz

22/08/2019



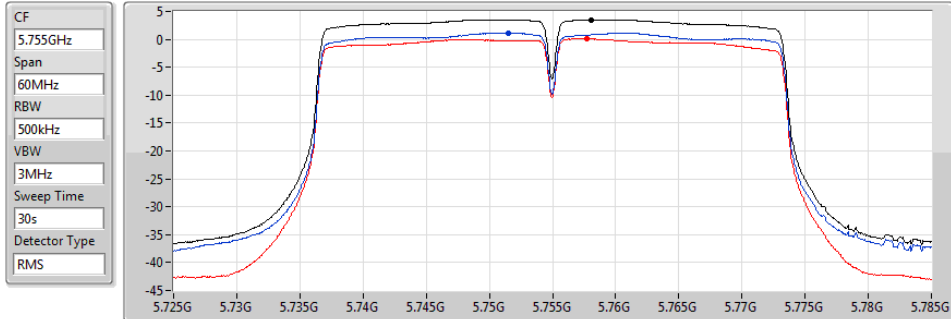
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 3.82         | 3.82         | 0.95         | 0.80         |

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

PSD

5755MHz

14/08/2019



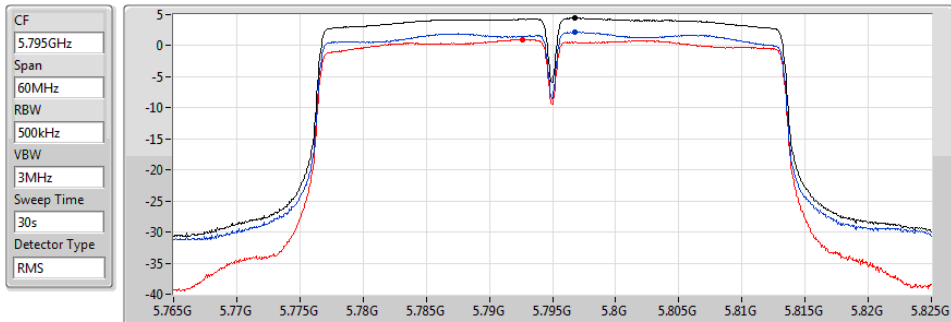
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.53     | 3.53     | 1.17     | 0.10     |

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

PSD

5795MHz

14/08/2019



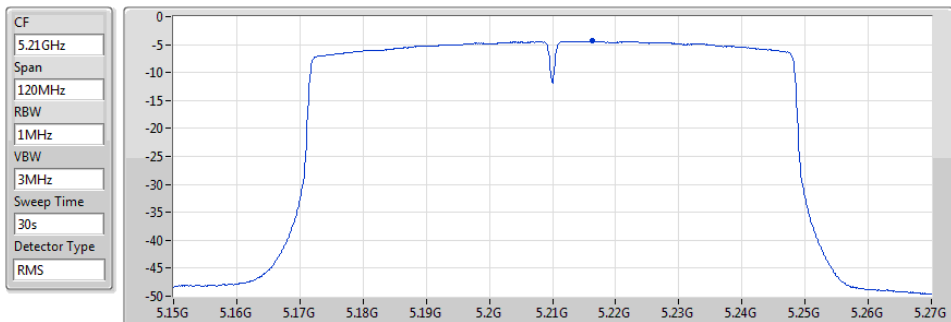
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.46     | 4.46     | 2.21     | 0.99     |

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

PSD

5210MHz

22/08/2019



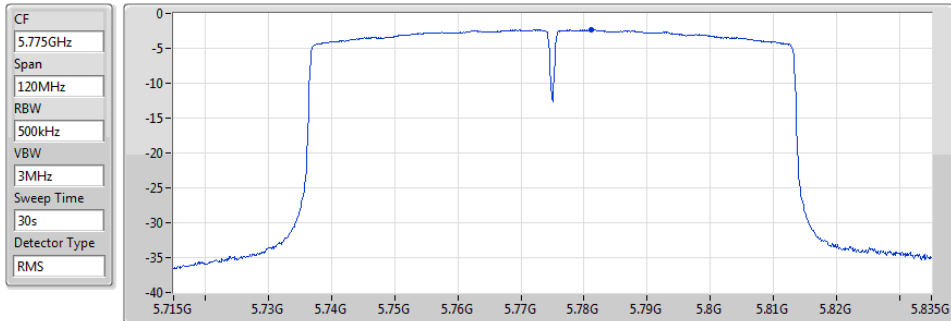
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -4.35    | -4.35    | -4.35    |

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

PSD

5775MHz

14/08/2019



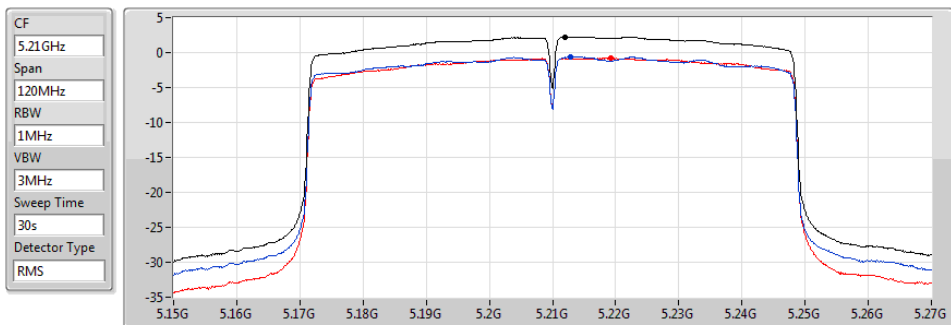
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.33     | -2.33     | -2.33     |

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

PSD

5210MHz

22/08/2019



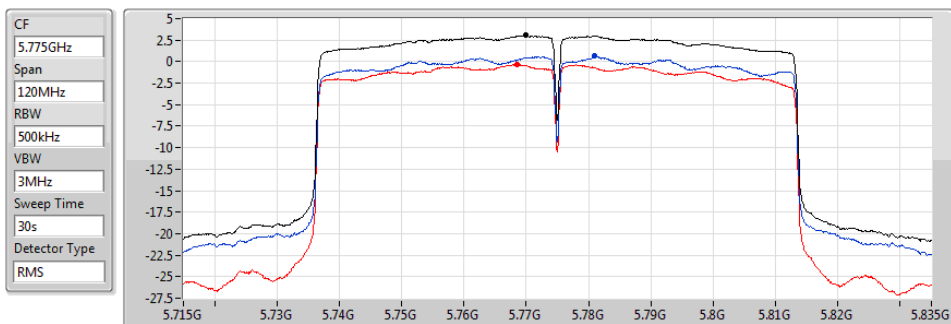
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.25      | 2.25      | -0.63     | -0.80     |

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

PSD

5775MHz

14/08/2019



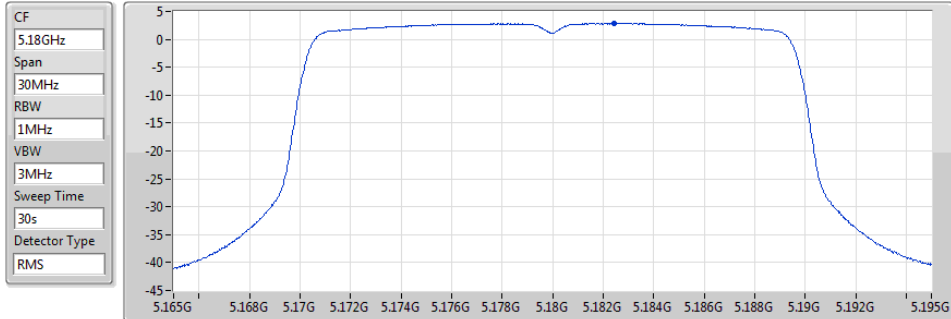
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.04      | 3.04      | 0.63      | -0.33     |

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

PSD

5180MHz

22/08/2019

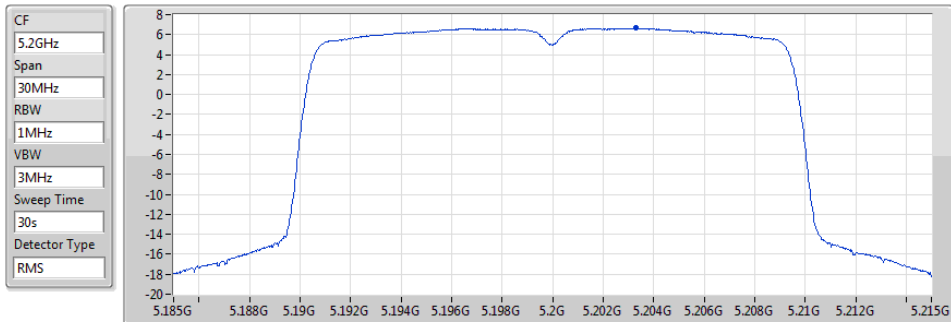


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port1)

PSD

5200MHz

22/08/2019

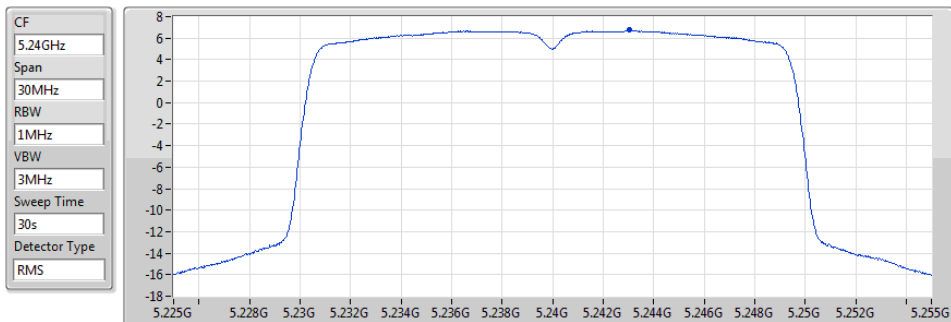


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port1)

PSD

5240MHz

22/08/2019

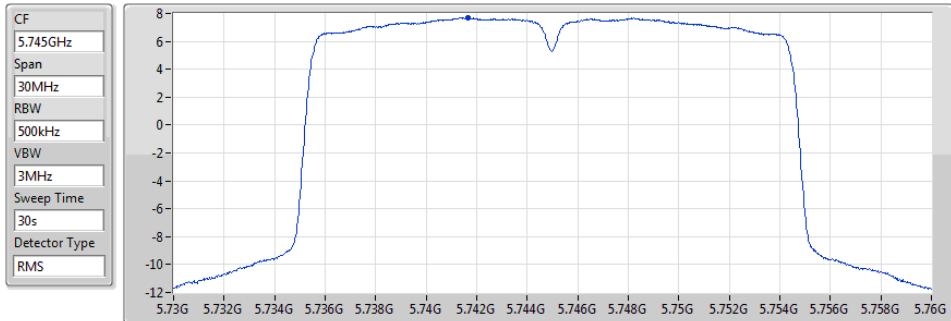


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX(Port1)

PSD

5745MHz

14/08/2019



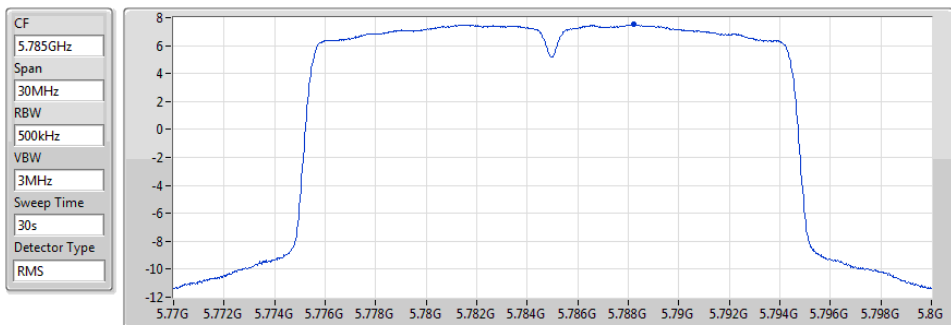
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.68     | 7.68     | 7.68     |

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

PSD

5785MHz

14/08/2019



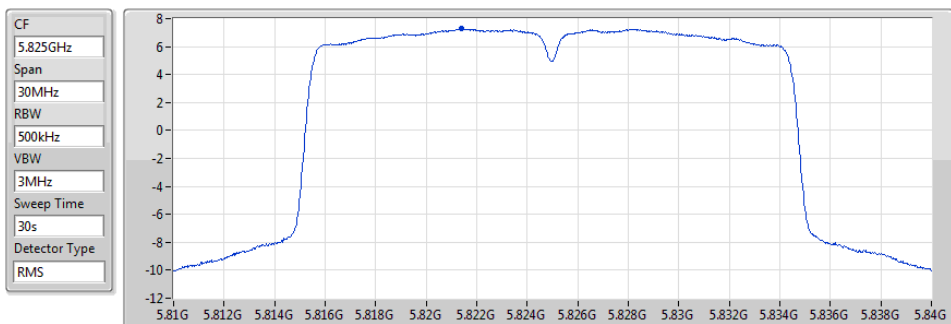
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.50     | 7.50     | 7.50     |

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

PSD

5825MHz

14/08/2019



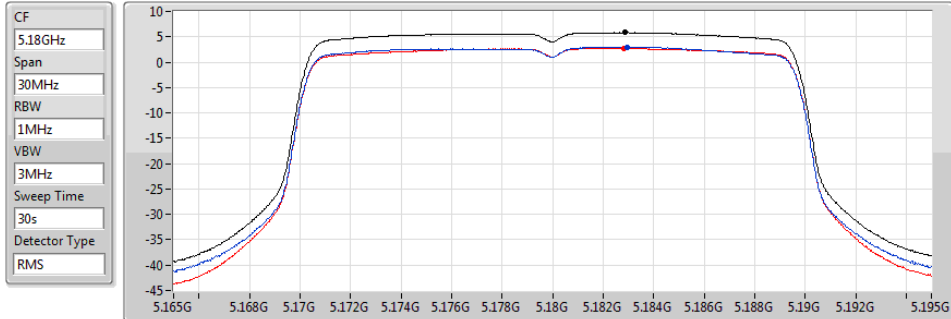
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.28     | 7.28     | 7.28     |

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

PSD

5180MHz

22/08/2019



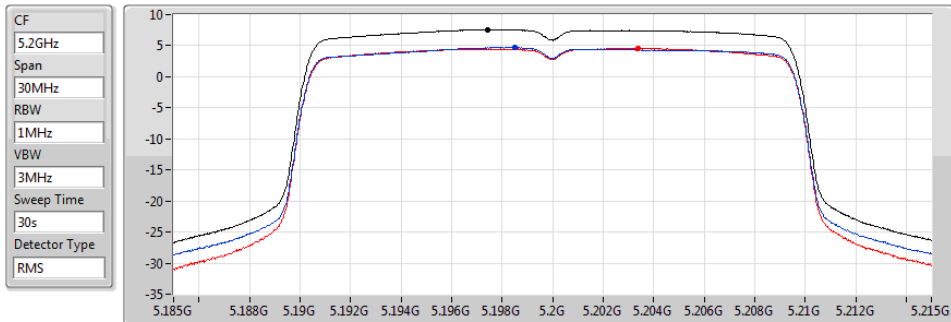
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.85     | 5.85     | 3.01     | 2.69     |

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

PSD

5200MHz

22/08/2019



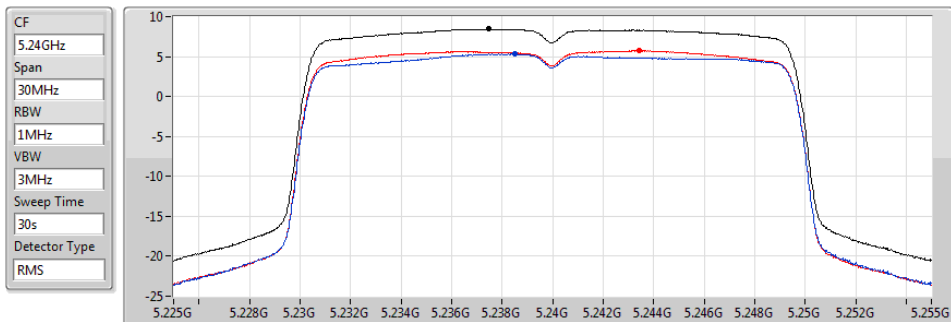
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.55     | 7.55     | 4.69     | 4.57     |

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

PSD

5240MHz

22/08/2019



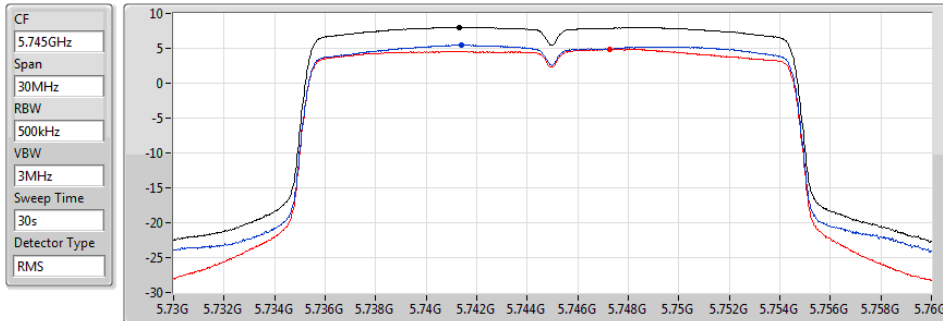
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 8.43     | 8.43     | 5.31     | 5.75     |

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

PSD

5745MHz

14/08/2019



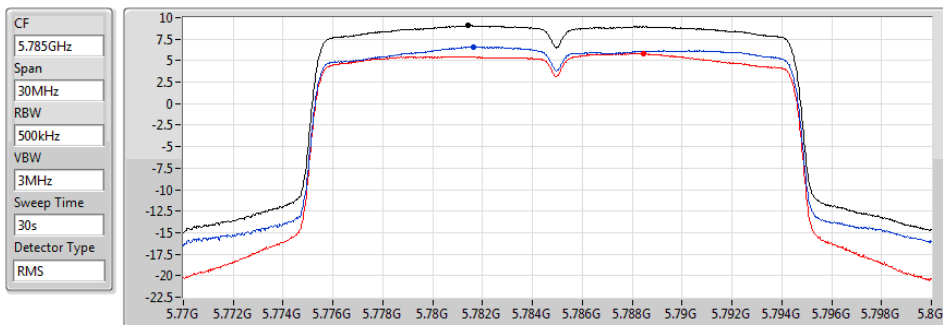
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 8.03     | 8.03     | 5.49     | 4.83     |

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

PSD

5785MHz

14/08/2019



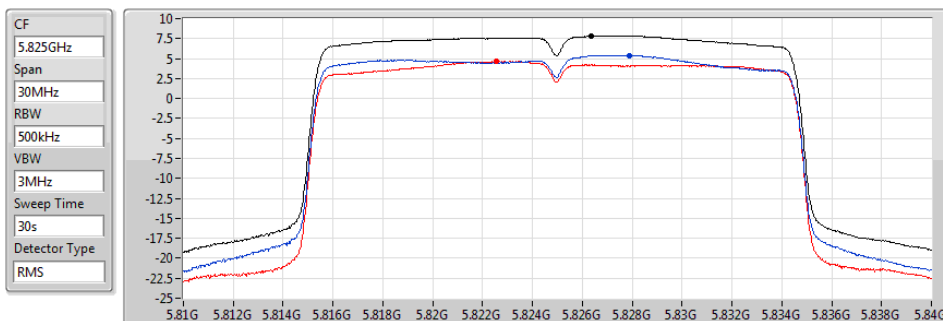
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 9.06     | 9.06     | 6.60     | 5.84     |

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

PSD

5825MHz

14/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.82     | 7.82     | 5.41     | 4.61     |

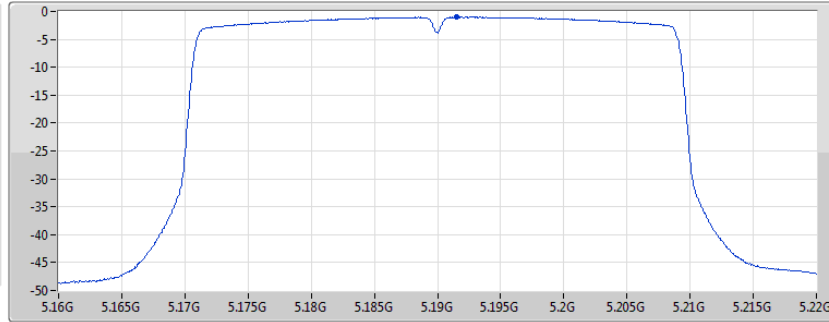
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

PSD

5190MHz

22/08/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.00    | -1.00    | -1.00    |

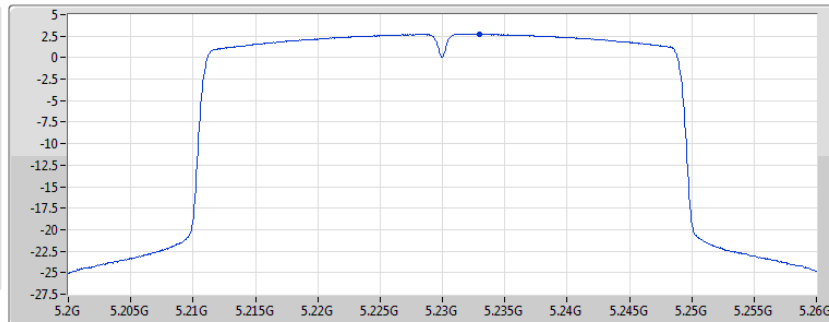
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

PSD

5230MHz

22/08/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.74     | 2.74     | 2.74     |

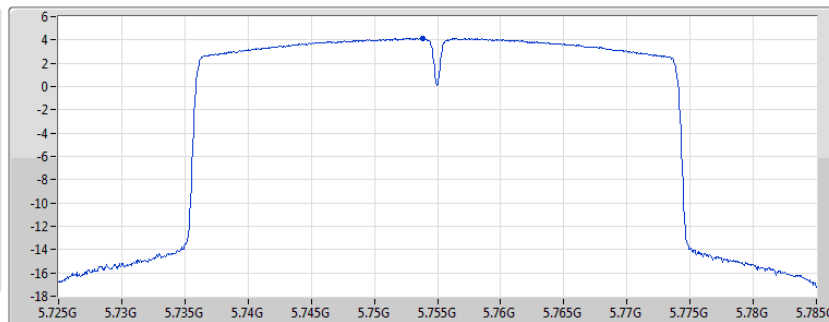
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

PSD

5755MHz

14/08/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.14     | 4.14     | 4.14     |

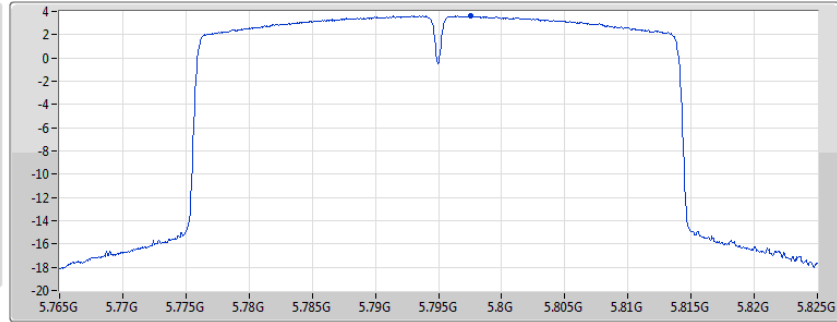
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port1)

PSD

5795MHz

14/08/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.61     | 3.61     | 3.61     |

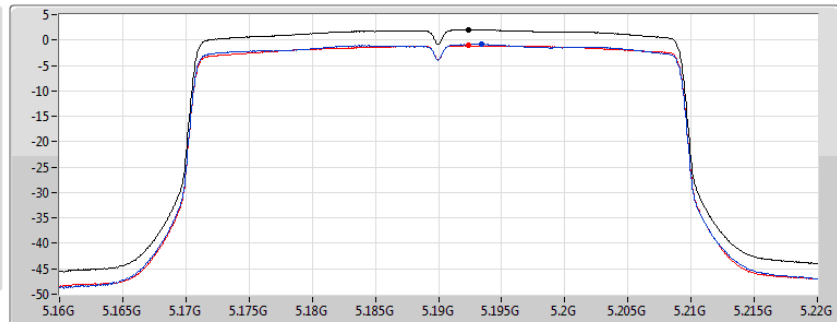
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

22/08/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.02     | 2.02     | -0.84    | -1.11    |

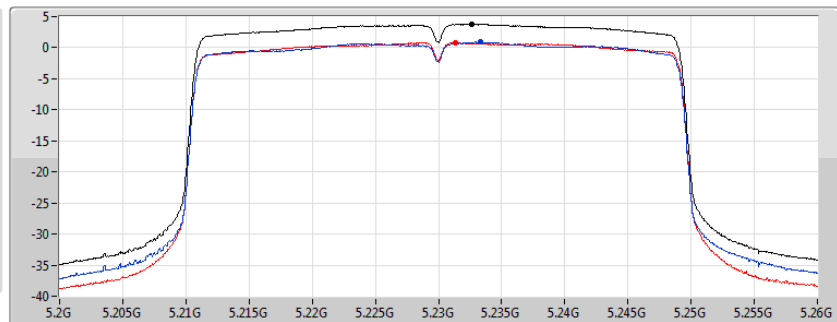
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

22/08/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

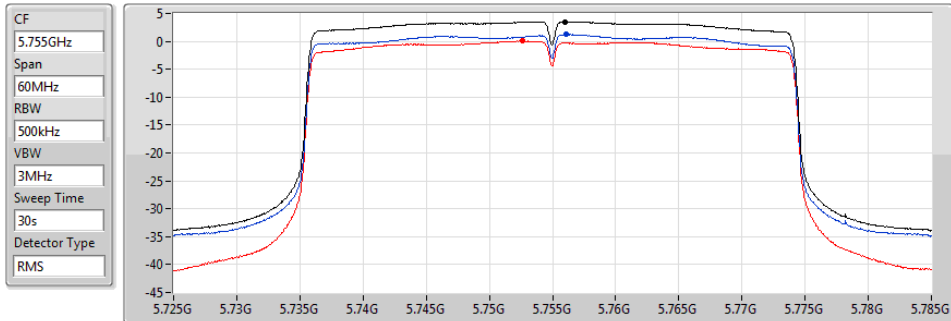
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.78     | 3.78     | 0.88     | 0.77     |

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

PSD

5755MHz

14/08/2019



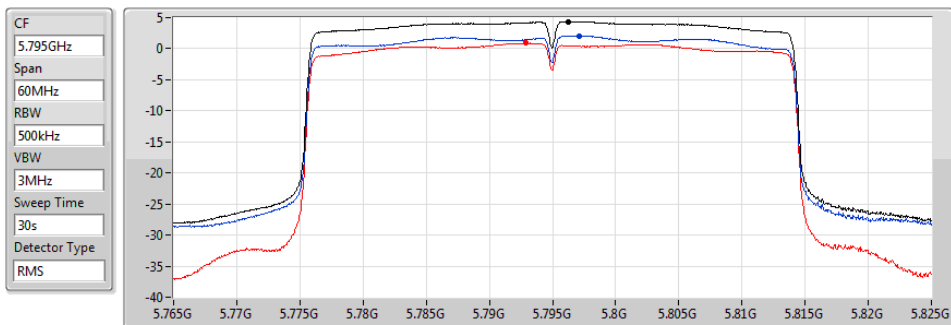
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.53      | 3.53      | 1.23      | 0.04      |

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

PSD

5795MHz

14/08/2019



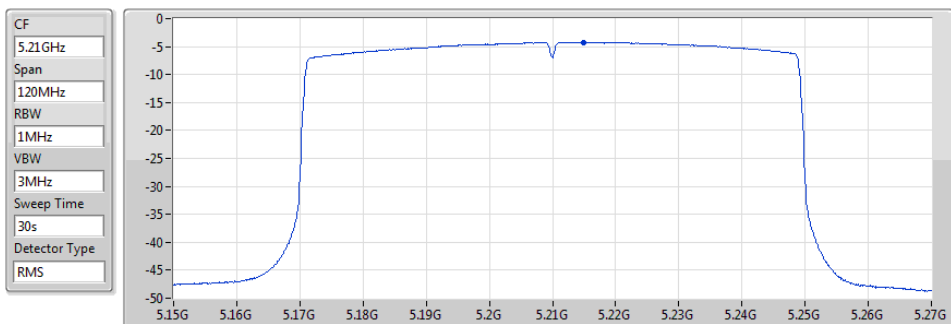
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.36      | 4.36      | 2.09      | 0.92      |

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

PSD

5210MHz

22/08/2019



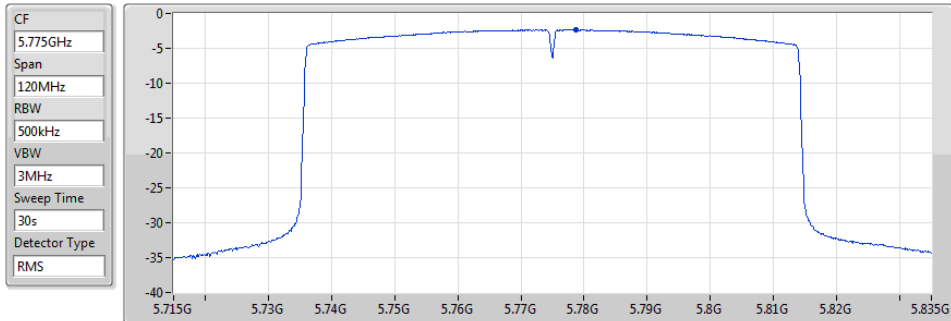
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.24     | -4.24     | -4.24     |

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

PSD

5775MHz

14/08/2019



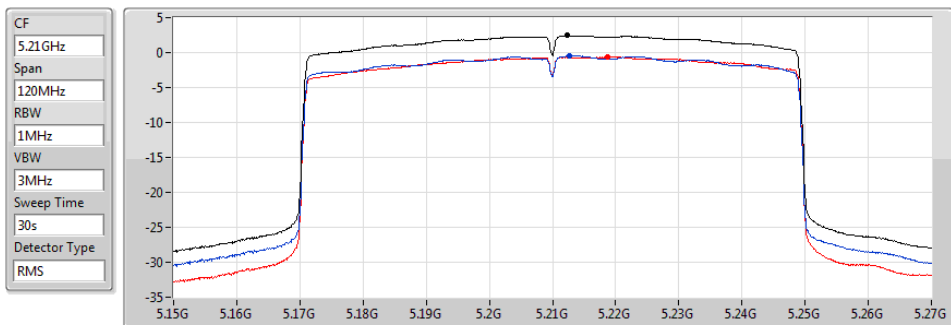
| Sum          | PD           | Port 1       |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -2.35        | -2.35        | -2.35        |

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

PSD

5210MHz

22/08/2019



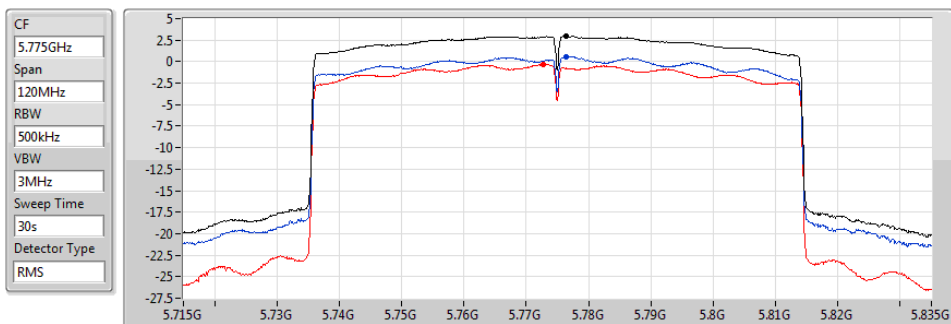
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.45         | 2.45         | -0.45        | -0.64        |

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

PSD

5775MHz

14/08/2019



| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.95         | 2.95         | 0.59         | -0.31        |

**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.25-5.35GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX       | 7.32            | 14.32                |
| 802.11a_Nss1,(6Mbps)_2TX       | 6.90            | 16.91                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 6.88            | 13.88                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 6.85            | 16.86                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 3.85            | 10.85                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 6.00            | 16.01                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -1.84           | 5.16                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -0.33           | 9.68                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 6.86            | 13.86                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 6.96            | 16.97                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 3.76            | 10.76                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 6.07            | 16.08                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -1.58           | 5.42                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -0.17           | 9.84                 |
| 5.47-5.725GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX       | 7.82            | 14.82                |
| 802.11a_Nss1,(6Mbps)_2TX       | 6.90            | 16.91                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 7.59            | 14.59                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 6.79            | 16.80                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 4.83            | 11.83                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 6.67            | 16.68                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 0.00            | 7.00                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 1.83            | 11.84                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 7.47            | 14.47                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 6.81            | 16.82                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 4.97            | 11.97                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 6.76            | 16.77                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 0.28            | 7.28                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 2.14            | 12.15                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX       | 5.37            | 12.37                |
| 802.11a_Nss1,(6Mbps)_2TX       | 4.94            | 14.95                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 5.05            | 12.05                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 4.79            | 14.80                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 1.84            | 8.84                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 3.89            | 13.90                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -3.74           | 3.26                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -1.78           | 8.23                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 4.74            | 11.74                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 4.89            | 14.90                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 2.38            | 9.38                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 3.95            | 13.96                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -3.53           | 3.47                 |



## PSD\_Group 1

## Appendix D.2

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -1.63           | 8.38                 |

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

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 7.00        | 7.32                |                     | 7.32            | 10.00                 | 14.32                | 17.00                      |
| 5300MHz                        | Pass   | 7.00        | 6.88                |                     | 6.88            | 10.00                 | 13.88                | 17.00                      |
| 5320MHz                        | Pass   | 7.00        | 5.75                |                     | 5.75            | 10.00                 | 12.75                | 17.00                      |
| 5500MHz                        | Pass   | 7.00        | 4.49                |                     | 4.49            | 10.00                 | 11.49                | 17.00                      |
| 5580MHz                        | Pass   | 7.00        | 7.82                |                     | 7.82            | 10.00                 | 14.82                | 17.00                      |
| 5700MHz                        | Pass   | 7.00        | 3.58                |                     | 3.58            | 10.00                 | 10.58                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 7.53                |                     | 7.53            | 10.00                 | 14.53                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | 5.37                |                     | 5.37            | 29.00                 | 12.37                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 10.01       | 3.98                | 4.22                | 6.90            | 6.99                  | 16.91                | 17.00                      |
| 5300MHz                        | Pass   | 10.01       | 3.91                | 3.91                | 6.71            | 6.99                  | 16.72                | 17.00                      |
| 5320MHz                        | Pass   | 10.01       | 4.15                | 3.39                | 6.56            | 6.99                  | 16.57                | 17.00                      |
| 5500MHz                        | Pass   | 10.01       | 4.33                | 3.53                | 6.90            | 6.99                  | 16.91                | 17.00                      |
| 5580MHz                        | Pass   | 10.01       | 3.91                | 3.68                | 6.74            | 6.99                  | 16.75                | 17.00                      |
| 5700MHz                        | Pass   | 10.01       | 3.10                | 2.44                | 5.70            | 6.99                  | 15.71                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | 4.05                | 3.67                | 6.71            | 6.99                  | 16.72                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | 2.35                | 1.56                | 4.94            | 25.99                 | 14.95                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 7.00        | 6.88                |                     | 6.88            | 10.00                 | 13.88                | 17.00                      |
| 5300MHz                        | Pass   | 7.00        | 6.52                |                     | 6.52            | 10.00                 | 13.52                | 17.00                      |
| 5320MHz                        | Pass   | 7.00        | 5.08                |                     | 5.08            | 10.00                 | 12.08                | 17.00                      |
| 5500MHz                        | Pass   | 7.00        | 4.48                |                     | 4.48            | 10.00                 | 11.48                | 17.00                      |
| 5580MHz                        | Pass   | 7.00        | 7.59                |                     | 7.59            | 10.00                 | 14.59                | 17.00                      |
| 5700MHz                        | Pass   | 7.00        | 3.43                |                     | 3.43            | 10.00                 | 10.43                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 7.13                |                     | 7.13            | 10.00                 | 14.13                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | 5.05                |                     | 5.05            | 29.00                 | 12.05                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 10.01       | 3.46                | 3.84                | 6.57            | 6.99                  | 16.58                | 17.00                      |
| 5300MHz                        | Pass   | 10.01       | 3.96                | 4.02                | 6.85            | 6.99                  | 16.86                | 17.00                      |
| 5320MHz                        | Pass   | 10.01       | 4.30                | 3.46                | 6.67            | 6.99                  | 16.68                | 17.00                      |
| 5500MHz                        | Pass   | 10.01       | 4.25                | 3.53                | 6.79            | 6.99                  | 16.80                | 17.00                      |
| 5580MHz                        | Pass   | 10.01       | 3.96                | 3.71                | 6.78            | 6.99                  | 16.79                | 17.00                      |
| 5700MHz                        | Pass   | 10.01       | 3.92                | 3.66                | 6.63            | 6.99                  | 16.64                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | 4.03                | 3.66                | 6.77            | 6.99                  | 16.78                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | 1.80                | 1.78                | 4.79            | 25.99                 | 14.80                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                        | Pass   | 7.00        | 3.85                |                     | 3.85            | 10.00                 | 10.85                | 17.00                      |
| 5310MHz                        | Pass   | 7.00        | 2.05                |                     | 2.05            | 10.00                 | 9.05                 | 17.00                      |
| 5510MHz                        | Pass   | 7.00        | 0.52                |                     | 0.52            | 10.00                 | 7.52                 | 17.00                      |
| 5550MHz                        | Pass   | 7.00        | 3.25                |                     | 3.25            | 10.00                 | 10.25                | 17.00                      |
| 5670MHz                        | Pass   | 7.00        | 2.07                |                     | 2.07            | 10.00                 | 9.07                 | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 4.83                |                     | 4.83            | 10.00                 | 11.83                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | 1.84                |                     | 1.84            | 29.00                 | 8.84                 | 36.00                      |

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                        | Pass   | 10.01       | 2.87                | 3.25                | 6.00            | 6.99                  | 16.01                | 17.00                      |
| 5310MHz                        | Pass   | 10.01       | 0.69                | 0.37                | 3.37            | 6.99                  | 13.38                | 17.00                      |
| 5510MHz                        | Pass   | 10.01       | 0.12                | -0.62               | 2.78            | 6.99                  | 12.79                | 17.00                      |
| 5550MHz                        | Pass   | 10.01       | 2.34                | 2.13                | 5.21            | 6.99                  | 15.22                | 17.00                      |
| 5670MHz                        | Pass   | 10.01       | 1.15                | 0.80                | 3.99            | 6.99                  | 14.00                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | 3.89                | 3.64                | 6.67            | 6.99                  | 16.68                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | 0.85                | 0.96                | 3.89            | 25.99                 | 13.90                | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                        | Pass   | 7.00        | -1.84               |                     | -1.84           | 10.00                 | 5.16                 | 17.00                      |
| 5530MHz                        | Pass   | 7.00        | -2.71               |                     | -2.71           | 10.00                 | 4.29                 | 17.00                      |
| 5610MHz                        | Pass   | 7.00        | -0.67               |                     | -0.67           | 10.00                 | 6.33                 | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 0.00                |                     | 0.00            | 10.00                 | 7.00                 | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | -3.74               |                     | -3.74           | 29.00                 | 3.26                 | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                        | Pass   | 10.01       | -3.26               | -3.29               | -0.33           | 6.99                  | 9.68                 | 17.00                      |
| 5530MHz                        | Pass   | 10.01       | -3.64               | -4.34               | -0.98           | 6.99                  | 9.03                 | 17.00                      |
| 5610MHz                        | Pass   | 10.01       | -2.38               | -2.69               | 0.46            | 6.99                  | 10.47                | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | -0.92               | -1.24               | 1.83            | 6.99                  | 11.84                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | -4.75               | -4.79               | -1.78           | 25.99                 | 8.23                 | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 7.00        | 6.86                |                     | 6.86            | 10.00                 | 13.86                | 17.00                      |
| 5300MHz                        | Pass   | 7.00        | 6.29                |                     | 6.29            | 10.00                 | 13.29                | 17.00                      |
| 5320MHz                        | Pass   | 7.00        | 5.08                |                     | 5.08            | 10.00                 | 12.08                | 17.00                      |
| 5500MHz                        | Pass   | 7.00        | 4.42                |                     | 4.42            | 10.00                 | 11.42                | 17.00                      |
| 5580MHz                        | Pass   | 7.00        | 7.47                |                     | 7.47            | 10.00                 | 14.47                | 17.00                      |
| 5700MHz                        | Pass   | 7.00        | 3.56                |                     | 3.56            | 10.00                 | 10.56                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 7.16                |                     | 7.16            | 10.00                 | 14.16                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | 4.74                |                     | 4.74            | 29.00                 | 11.74                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 10.01       | 3.64                | 3.82                | 6.63            | 6.99                  | 16.64                | 17.00                      |
| 5300MHz                        | Pass   | 10.01       | 4.21                | 3.91                | 6.96            | 6.99                  | 16.97                | 17.00                      |
| 5320MHz                        | Pass   | 10.01       | 4.26                | 3.41                | 6.71            | 6.99                  | 16.72                | 17.00                      |
| 5500MHz                        | Pass   | 10.01       | 4.19                | 3.39                | 6.78            | 6.99                  | 16.79                | 17.00                      |
| 5580MHz                        | Pass   | 10.01       | 3.97                | 3.70                | 6.81            | 6.99                  | 16.82                | 17.00                      |
| 5700MHz                        | Pass   | 10.01       | 3.92                | 3.57                | 6.66            | 6.99                  | 16.67                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | 3.96                | 3.79                | 6.72            | 6.99                  | 16.73                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | 2.23                | 1.68                | 4.89            | 25.99                 | 14.90                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                        | Pass   | 7.00        | 3.76                |                     | 3.76            | 10.00                 | 10.76                | 17.00                      |
| 5310MHz                        | Pass   | 7.00        | 1.64                |                     | 1.64            | 10.00                 | 8.64                 | 17.00                      |
| 5510MHz                        | Pass   | 7.00        | 0.39                |                     | 0.39            | 10.00                 | 7.39                 | 17.00                      |
| 5550MHz                        | Pass   | 7.00        | 3.31                |                     | 3.31            | 10.00                 | 10.31                | 17.00                      |
| 5670MHz                        | Pass   | 7.00        | 2.01                |                     | 2.01            | 10.00                 | 9.01                 | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 4.97                |                     | 4.97            | 10.00                 | 11.97                | 17.00                      |

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | 2.38                |                     | 2.38            | 29.00                 | 9.38                 | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                        | Pass   | 10.01       | 2.97                | 3.44                | 6.07            | 6.99                  | 16.08                | 17.00                      |
| 5310MHz                        | Pass   | 10.01       | 0.56                | 0.33                | 3.30            | 6.99                  | 13.31                | 17.00                      |
| 5510MHz                        | Pass   | 10.01       | 0.26                | -0.52               | 2.85            | 6.99                  | 12.86                | 17.00                      |
| 5550MHz                        | Pass   | 10.01       | 2.35                | 2.13                | 5.22            | 6.99                  | 15.23                | 17.00                      |
| 5670MHz                        | Pass   | 10.01       | 1.30                | 0.84                | 4.05            | 6.99                  | 14.06                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | 4.00                | 3.67                | 6.76            | 6.99                  | 16.77                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | 1.02                | 0.91                | 3.95            | 25.99                 | 13.96                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                        | Pass   | 7.00        | -1.58               |                     | -1.58           | 10.00                 | 5.42                 | 17.00                      |
| 5530MHz                        | Pass   | 7.00        | -2.44               |                     | -2.44           | 10.00                 | 4.56                 | 17.00                      |
| 5610MHz                        | Pass   | 7.00        | -0.41               |                     | -0.41           | 10.00                 | 6.59                 | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 7.00        | 0.28                |                     | 0.28            | 10.00                 | 7.28                 | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 7.00        | -3.53               |                     | -3.53           | 29.00                 | 3.47                 | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                        | Pass   | 10.01       | -3.12               | -2.99               | -0.17           | 6.99                  | 9.84                 | 17.00                      |
| 5530MHz                        | Pass   | 10.01       | -3.33               | -4.13               | -0.76           | 6.99                  | 9.25                 | 17.00                      |
| 5610MHz                        | Pass   | 10.01       | -2.11               | -2.37               | 0.68            | 6.99                  | 10.69                | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 10.01       | -0.60               | -0.93               | 2.14            | 6.99                  | 12.15                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 10.01       | -4.52               | -4.63               | -1.63           | 25.99                 | 8.38                 | 36.00                      |

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

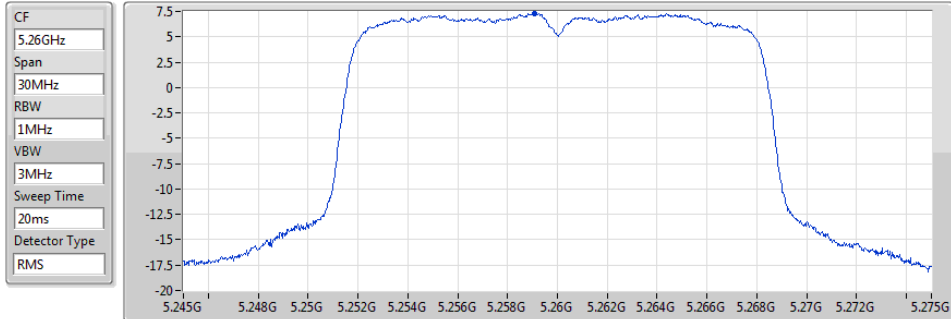
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

5260MHz

04/12/2019



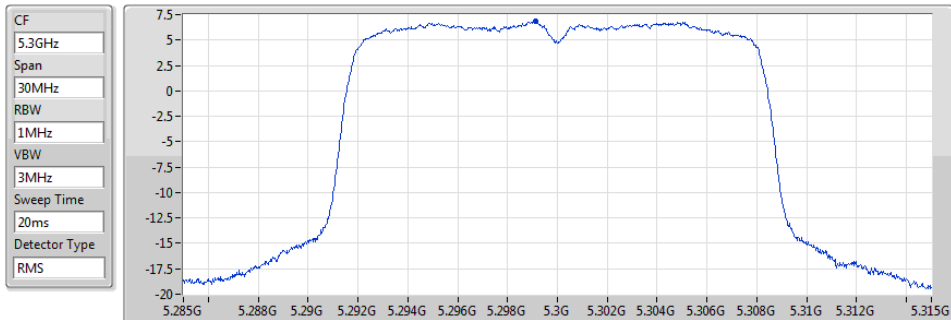
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.32     | 7.32     | 7.32     |

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

PSD

5300MHz

04/12/2019



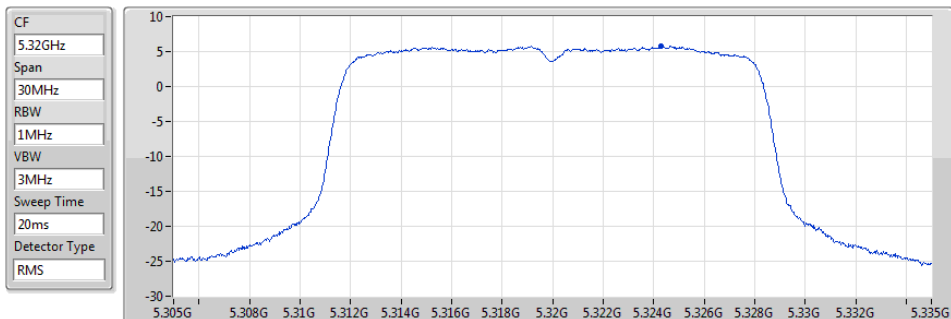
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.88     | 6.88     | 6.88     |

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

PSD

5320MHz

04/12/2019



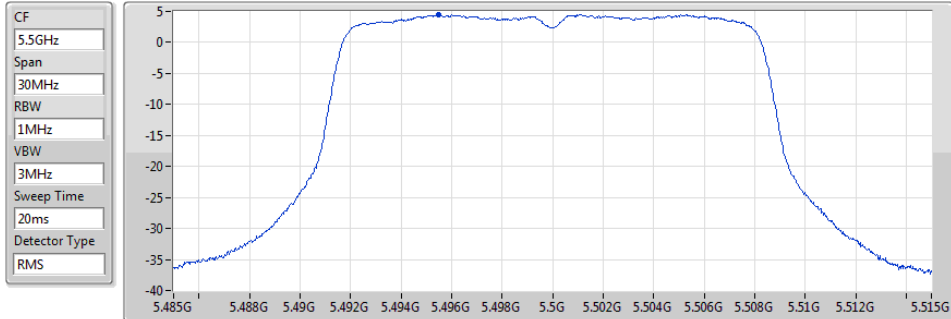
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.75     | 5.75     | 5.75     |

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

PSD

5500MHz

04/12/2019



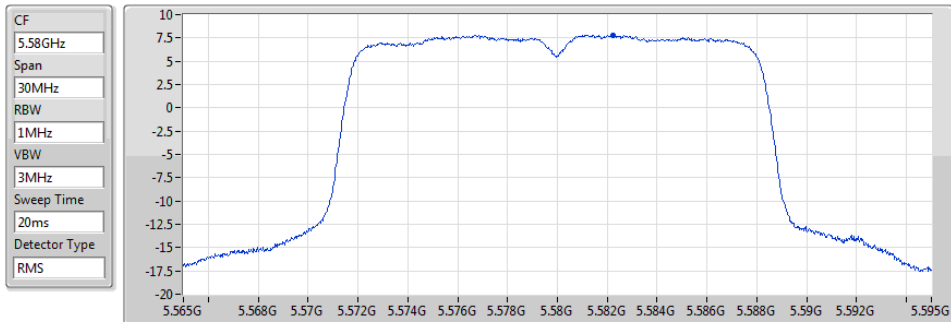
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.49      | 4.49      | 4.49      |

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

PSD

5580MHz

04/12/2019



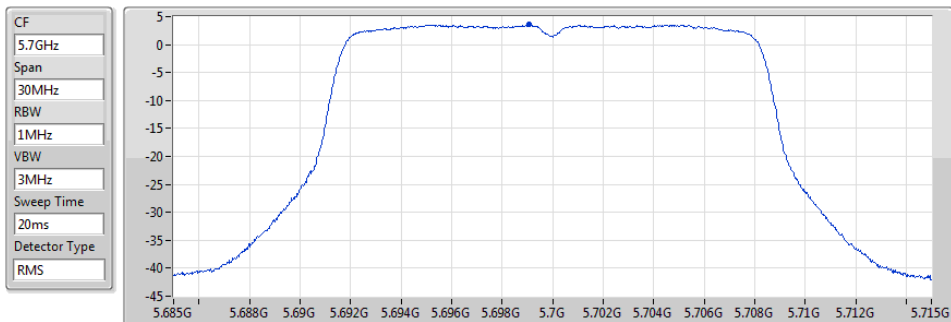
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.82      | 7.82      | 7.82      |

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

PSD

5700MHz

04/12/2019



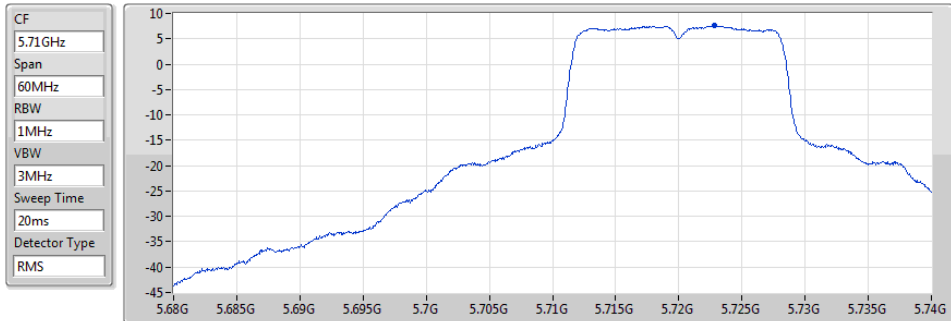
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.58      | 3.58      | 3.58      |

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

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019



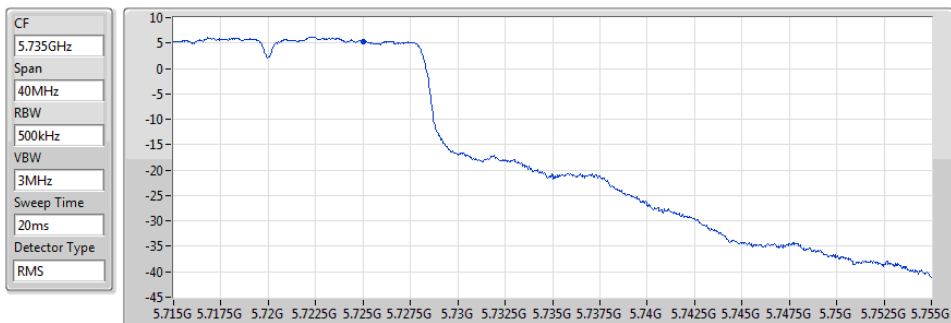
| Sum          | PD           | Port 1       |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 7.53         | 7.53         | 7.53         |

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

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019



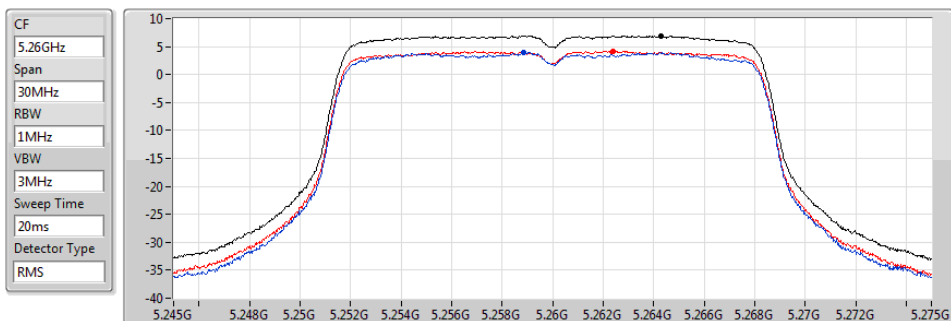
| Sum          | PD           | Port 1       |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 5.37         | 5.37         | 5.37         |

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

PSD

5260MHz

04/12/2019



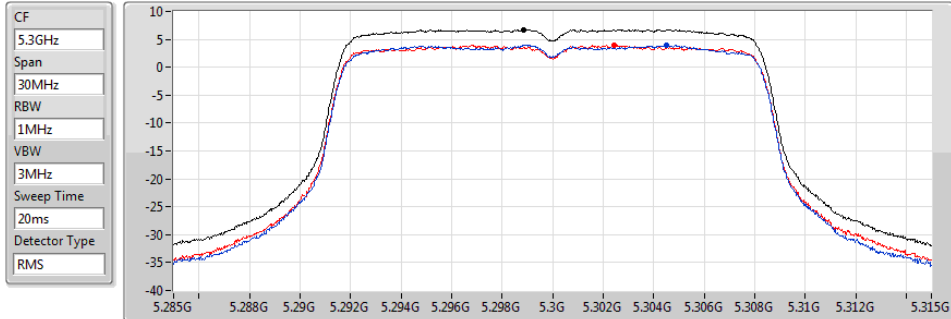
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 6.90         | 6.90         | 3.98         | 4.22         |

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

### PSD

5300MHz

04/12/2019



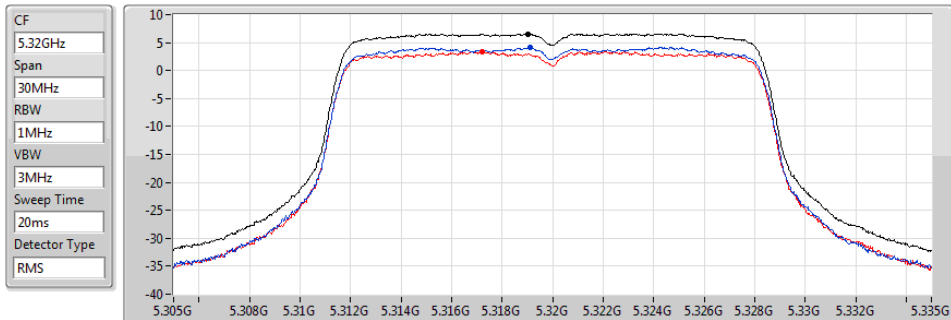
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.71     | 6.71     | 3.91     | 3.91     |

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

### PSD

5320MHz

04/12/2019



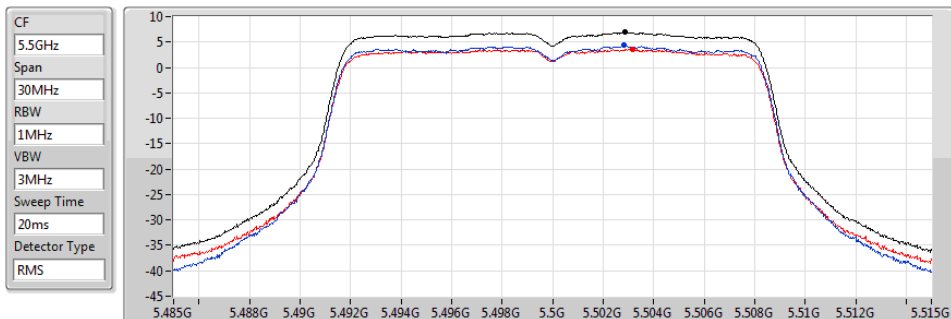
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.56     | 6.56     | 4.15     | 3.39     |

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

### PSD

5500MHz

04/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.90     | 6.90     | 4.33     | 3.53     |

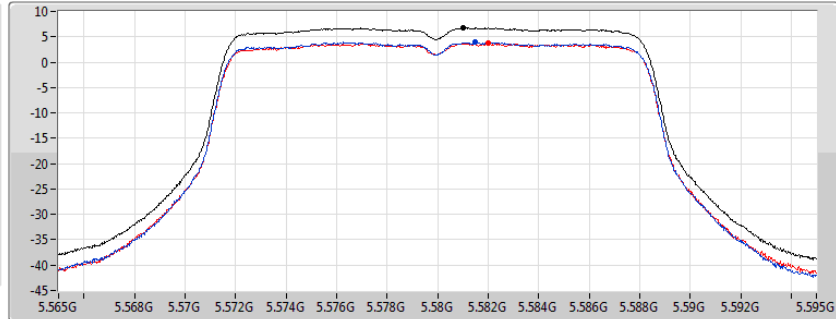
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5580MHz

04/12/2019

CF  
5.58GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.74      | 6.74      | 3.91      | 3.68      |

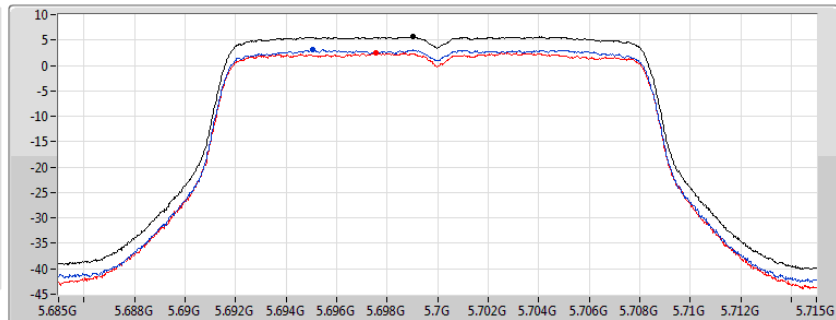
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5700MHz

04/12/2019

CF  
5.7GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.70      | 5.70      | 3.10      | 2.44      |

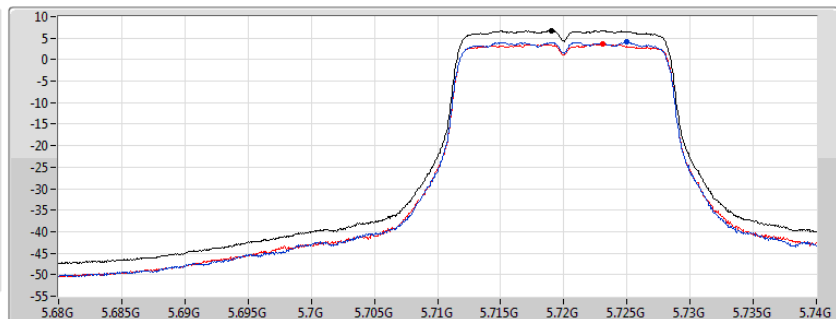
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019

CF  
5.71GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

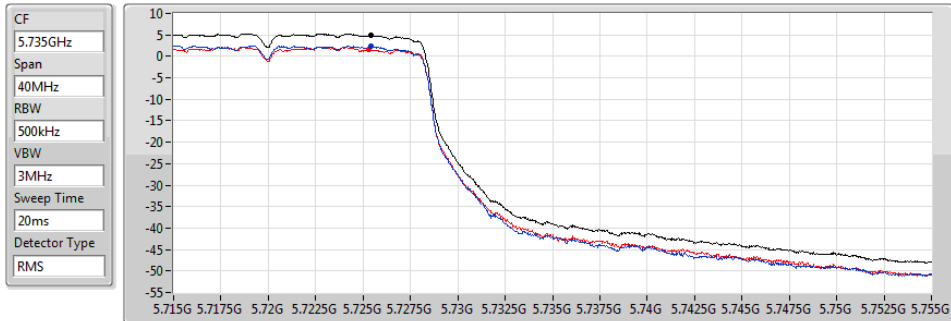
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.71      | 6.71      | 4.05      | 3.67      |

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

#### 5720MHz Straddle 5.725-5.85GHz

### PSD

04/12/2019



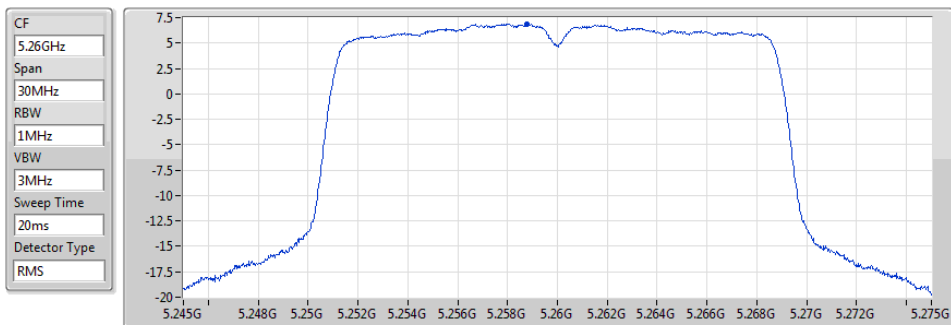
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.94      | 4.94      | 2.35      | 1.56      |

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

#### 5260MHz

### PSD

04/12/2019



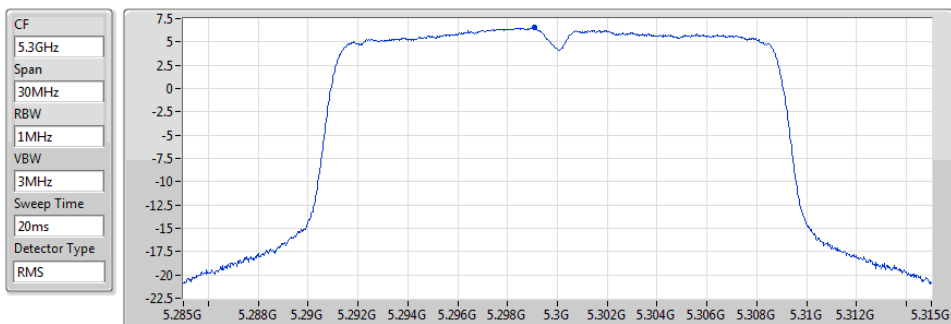
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.88      | 6.88      | 6.88      |

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

#### 5300MHz

### PSD

04/12/2019



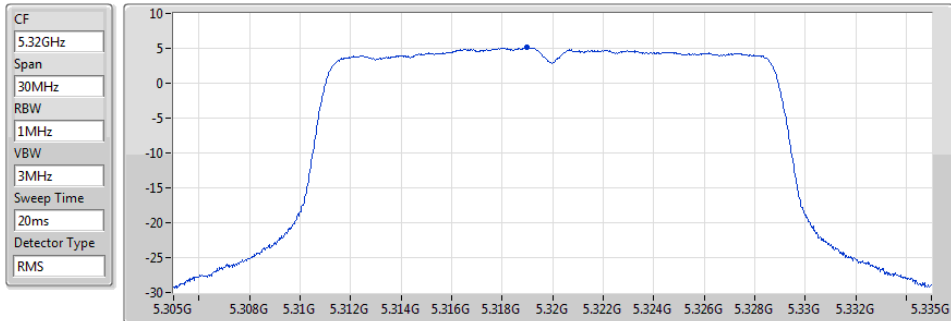
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.52      | 6.52      | 6.52      |

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

PSD

5320MHz

04/12/2019



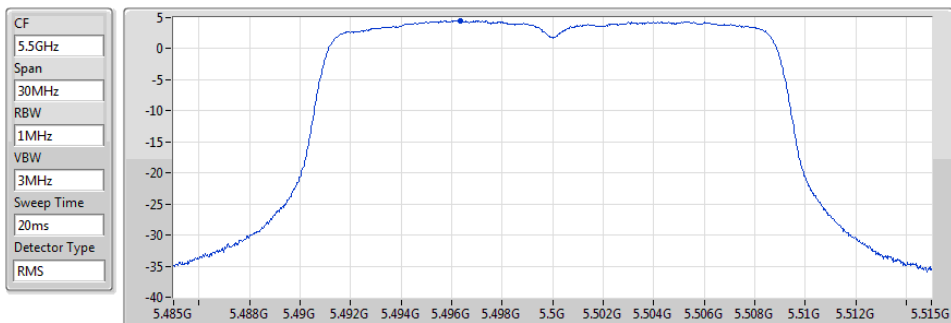
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.08     | 5.08     | 5.08     |

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

PSD

5500MHz

04/12/2019



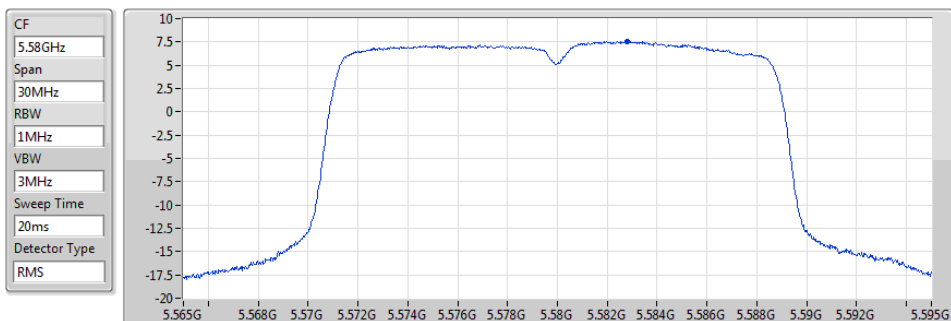
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.48     | 4.48     | 4.48     |

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

PSD

5580MHz

04/12/2019



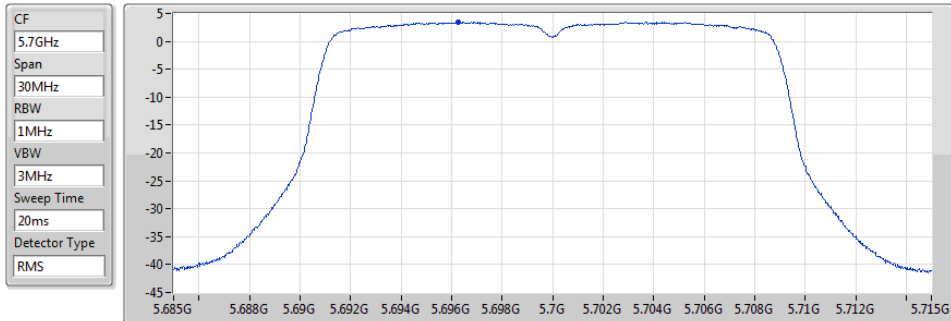
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.59     | 7.59     | 7.59     |

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

PSD

5700MHz

04/12/2019



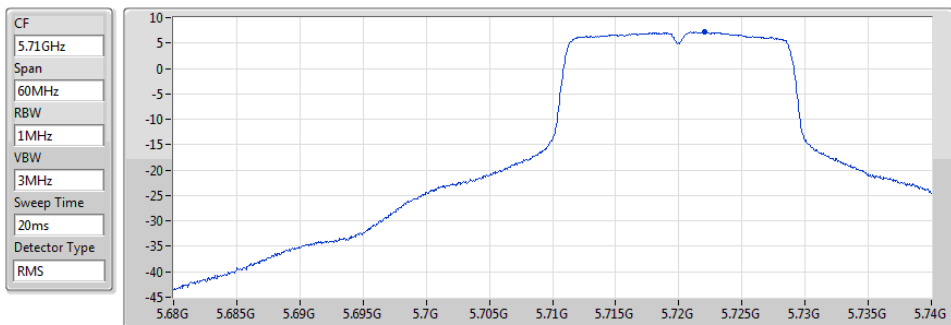
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.43      | 3.43      | 3.43      |

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

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019



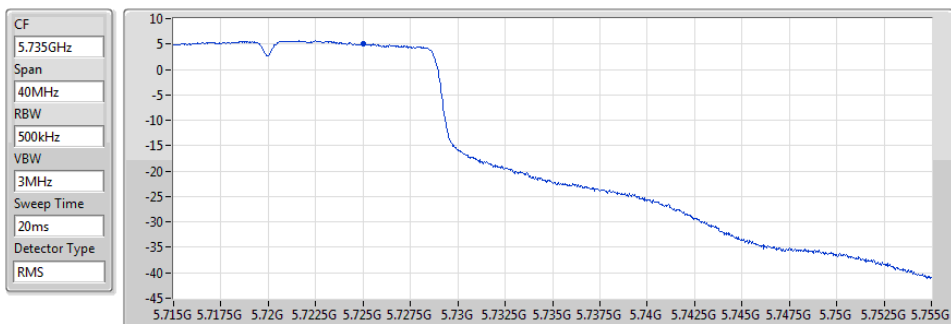
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.13      | 7.13      | 7.13      |

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

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019



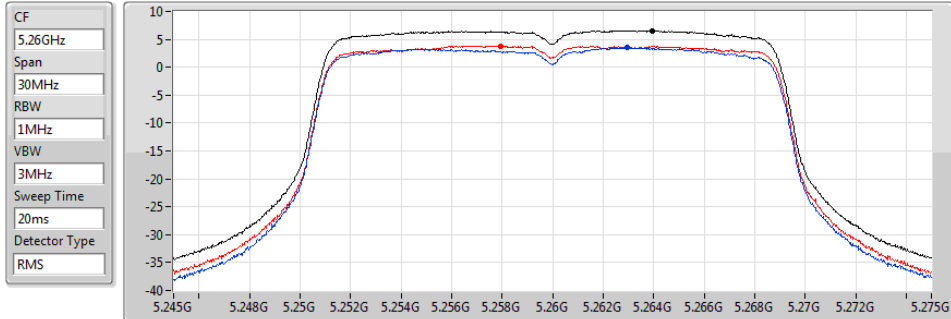
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.05      | 5.05      | 5.05      |

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

PSD

5260MHz

04/12/2019



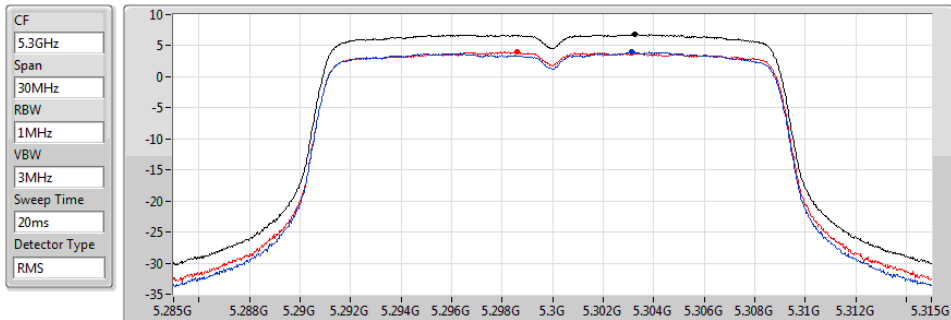
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.57     | 6.57     | 3.46     | 3.84     |

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

PSD

5300MHz

04/12/2019



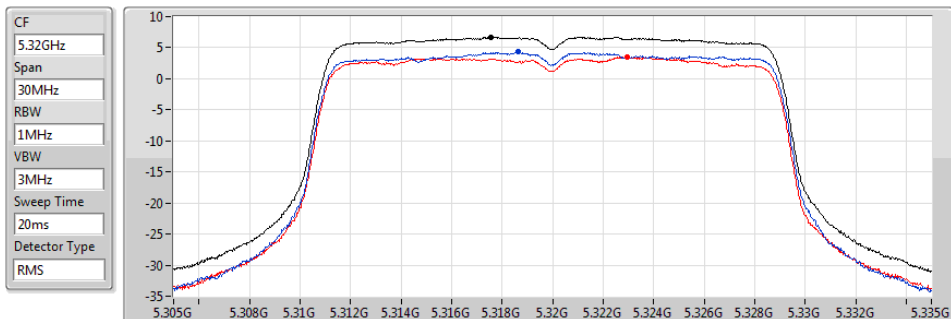
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.85     | 6.85     | 3.96     | 4.02     |

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

PSD

5320MHz

04/12/2019



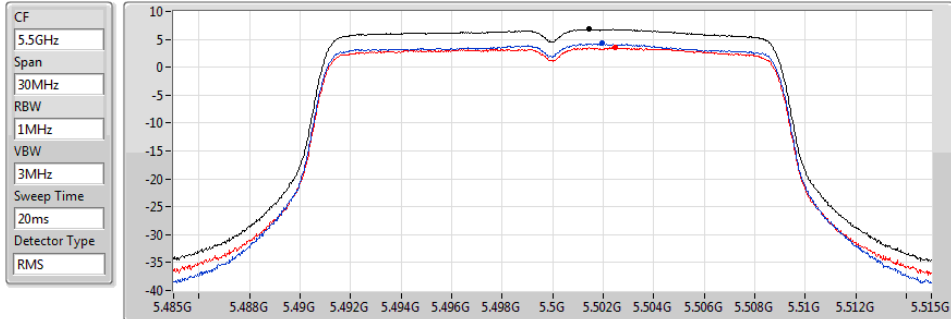
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.67     | 6.67     | 4.30     | 3.46     |

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

PSD

5500MHz

04/12/2019



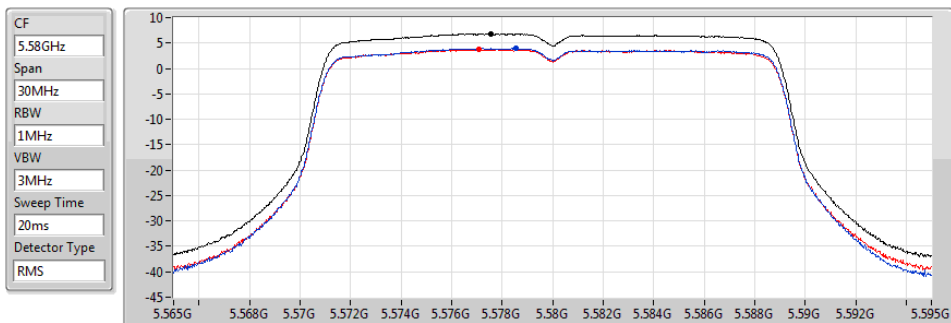
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.79      | 6.79      | 4.25      | 3.53      |

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

PSD

5580MHz

04/12/2019



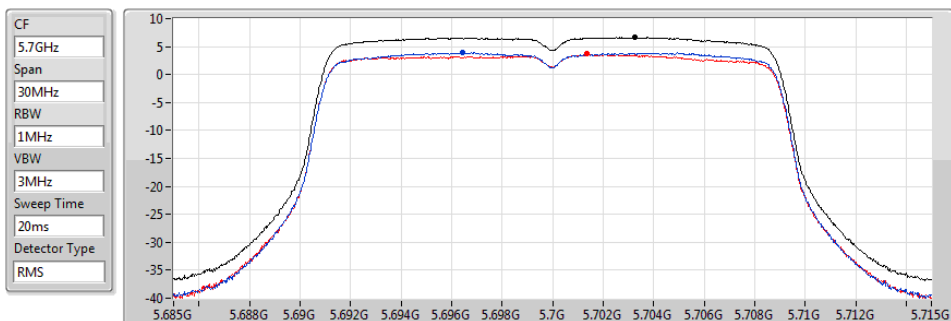
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.78      | 6.78      | 3.96      | 3.71      |

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

PSD

5700MHz

04/12/2019



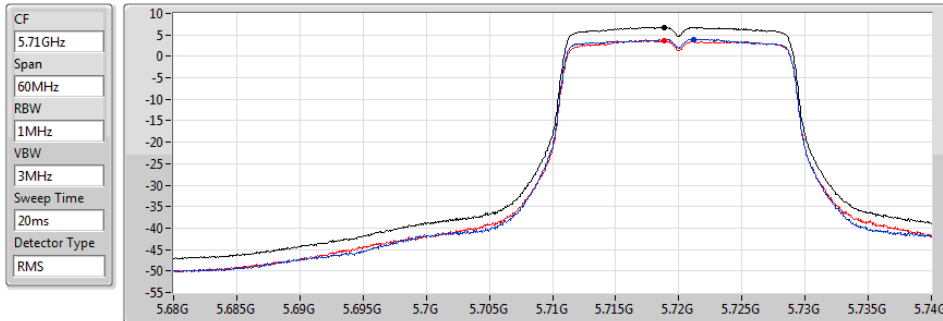
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.63      | 6.63      | 3.92      | 3.66      |

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

#### 5720MHz Straddle 5.47-5.725GHz

### PSD

04/12/2019



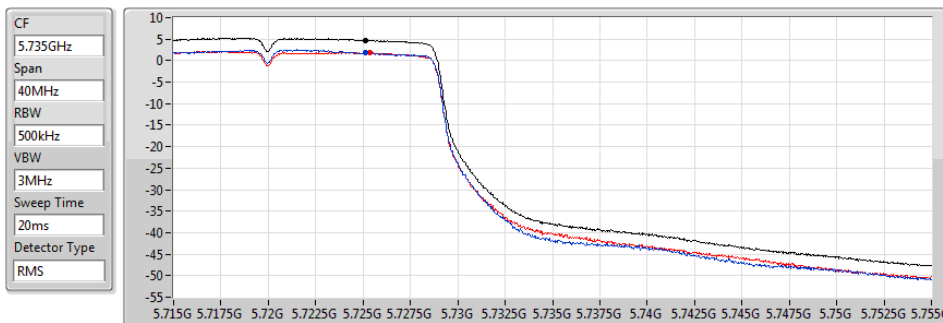
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.77     | 6.77     | 4.03     | 3.66     |

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

#### 5720MHz Straddle 5.725-5.85GHz

### PSD

04/12/2019



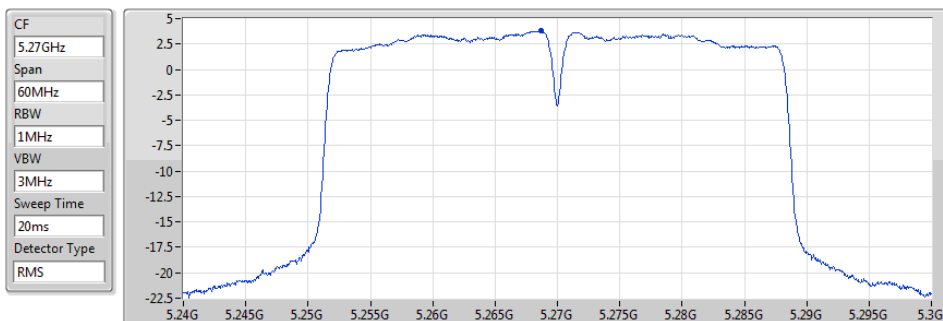
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.79     | 4.79     | 1.80     | 1.78     |

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

#### 5270MHz

### PSD

04/12/2019



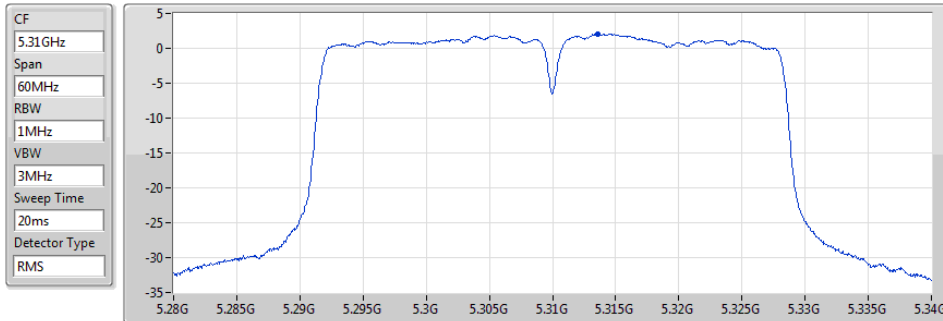
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.85     | 3.85     | 3.85     |

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

PSD

5310MHz

04/12/2019



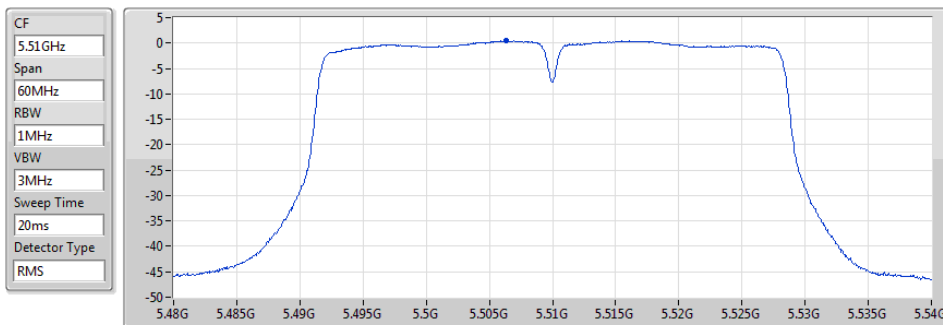
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.05     | 2.05     | 2.05     |

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

PSD

5510MHz

04/12/2019



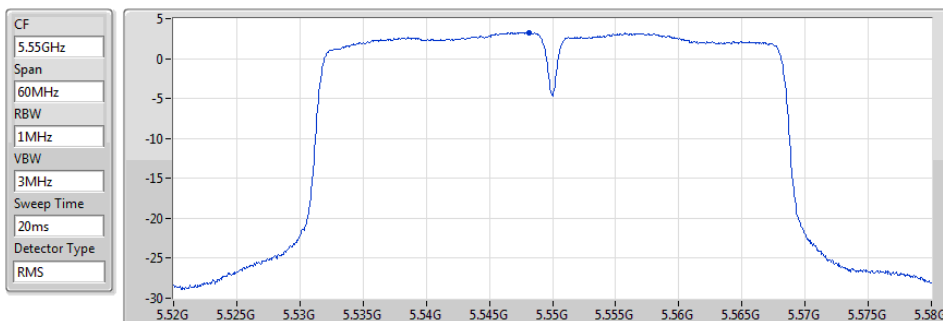
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.52     | 0.52     | 0.52     |

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

PSD

5550MHz

04/12/2019



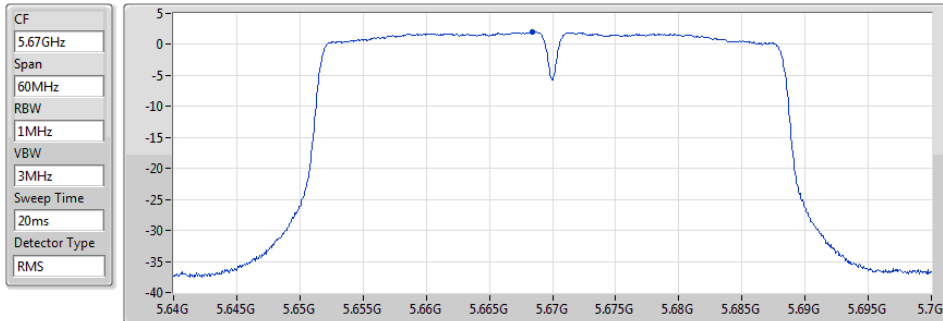
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.25     | 3.25     | 3.25     |

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

PSD

5670MHz

04/12/2019



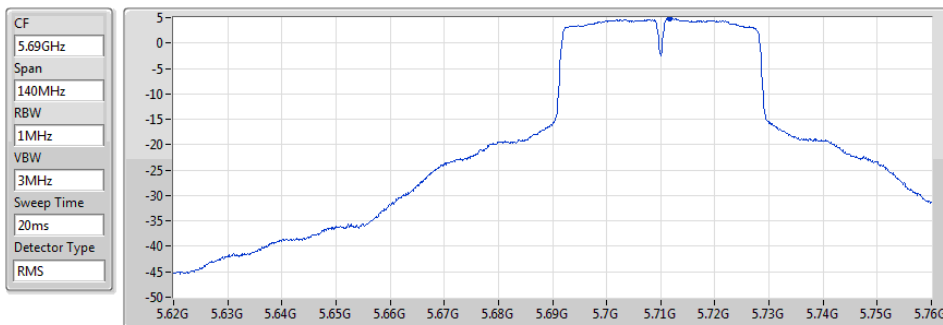
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.07      | 2.07      | 2.07      |

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

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



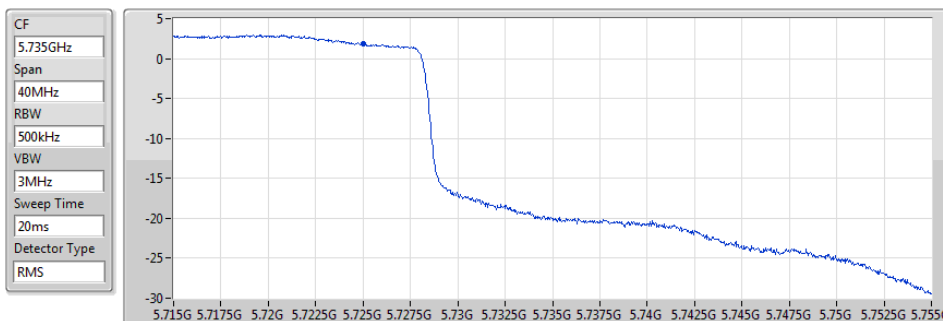
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.83      | 4.83      | 4.83      |

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

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019



| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.84      | 1.84      | 1.84      |

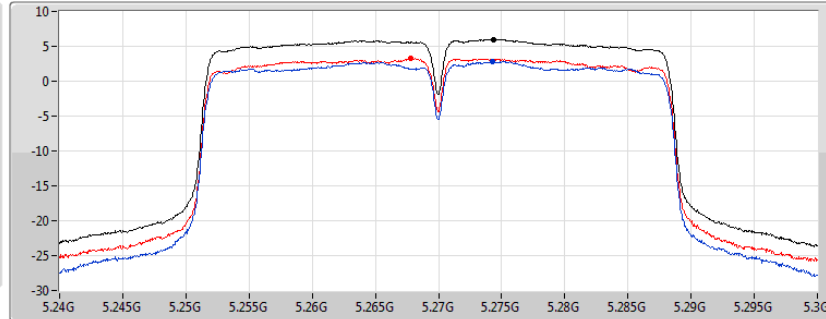
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5270MHz

04/12/2019

CF  
5.27GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.00     | 6.00     | 2.87     | 3.25     |

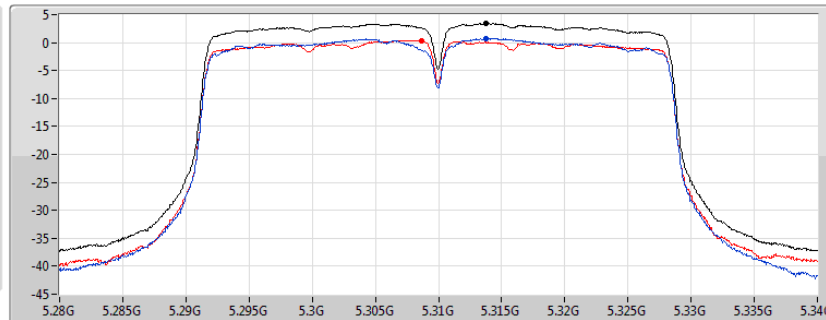
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5310MHz

04/12/2019

CF  
5.31GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.37     | 3.37     | 0.69     | 0.37     |

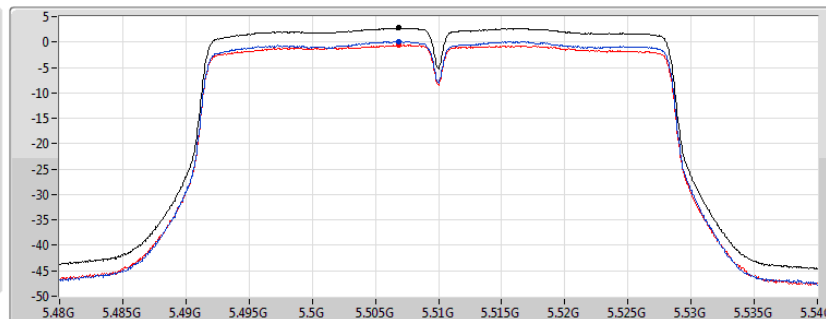
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5510MHz

04/12/2019

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

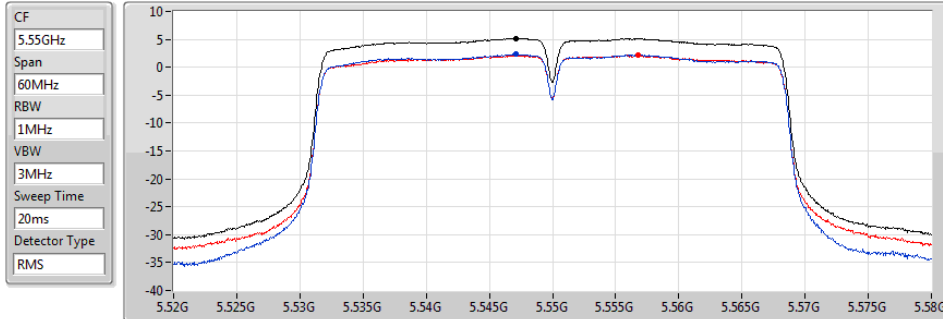
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.78     | 2.78     | 0.12     | -0.62    |

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

PSD

5550MHz

04/12/2019



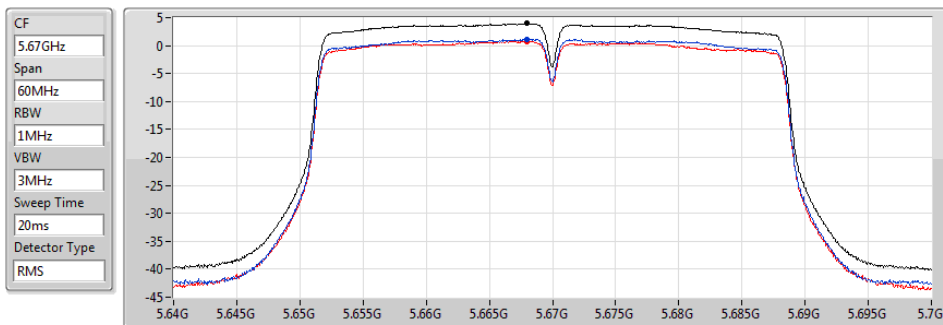
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.21     | 5.21     | 2.34     | 2.13     |

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

PSD

5670MHz

04/12/2019



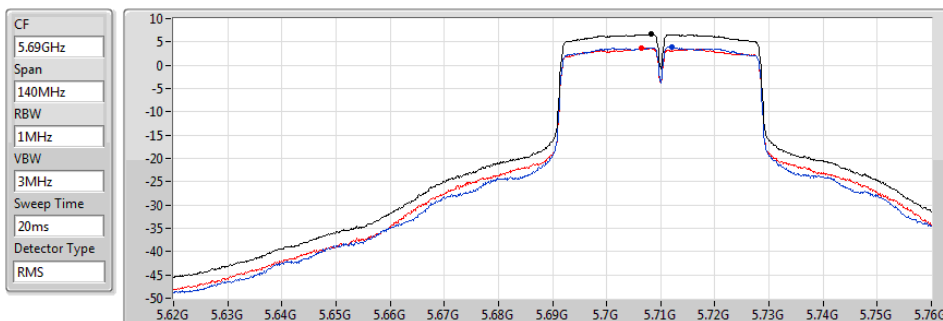
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.99     | 3.99     | 1.15     | 0.80     |

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

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



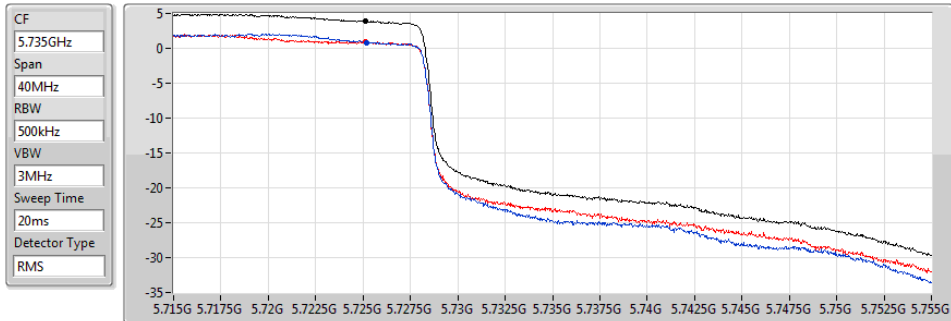
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.67     | 6.67     | 3.89     | 3.64     |

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

5710MHz Straddle 5.725-5.85GHz

PSD

04/12/2019



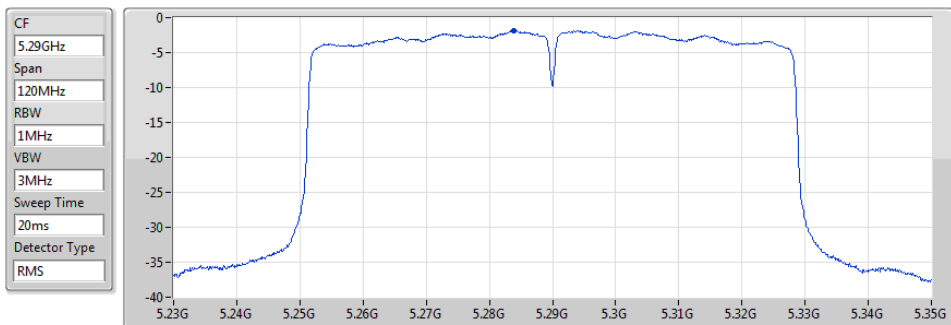
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.89      | 3.89      | 0.85      | 0.96      |

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

5290MHz

PSD

04/12/2019



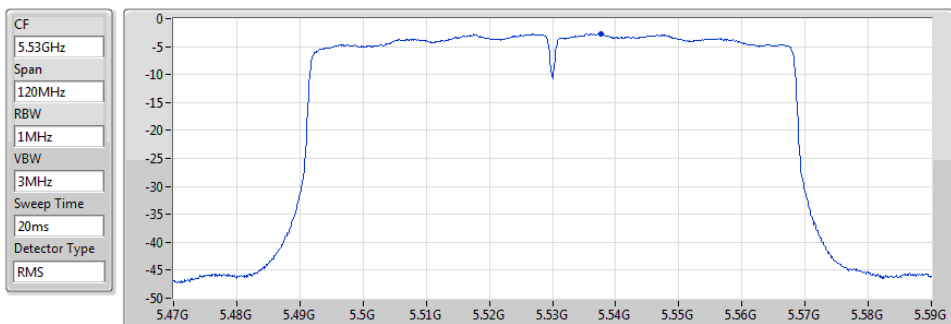
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.84     | -1.84     | -1.84     |

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

5530MHz

PSD

04/12/2019



| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.71     | -2.71     | -2.71     |

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

PSD

5610MHz

04/12/2019



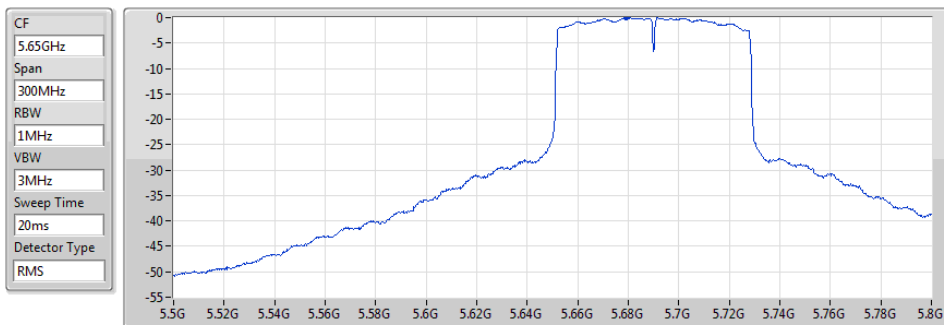
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.67     | -0.67     | -0.67     |

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

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



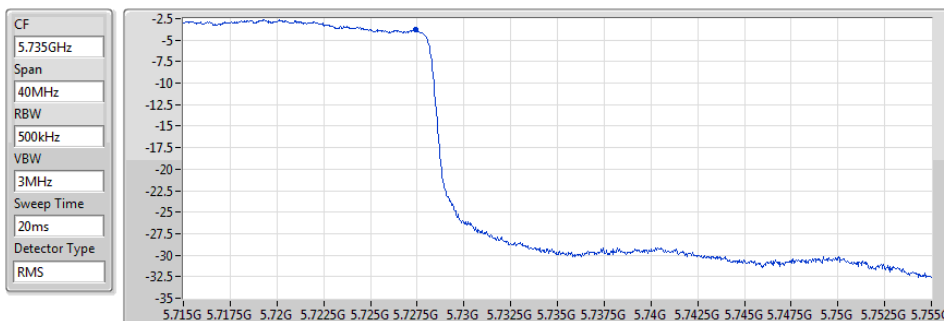
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.00      | 0.00      | 0.00      |

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

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



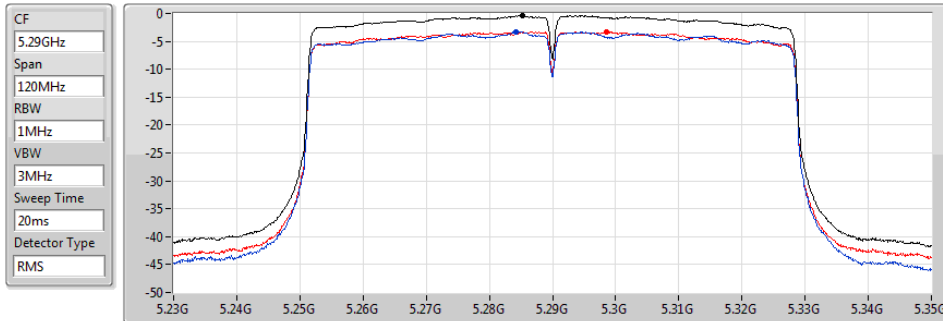
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.74     | -3.74     | -3.74     |

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

PSD

5290MHz

04/12/2019



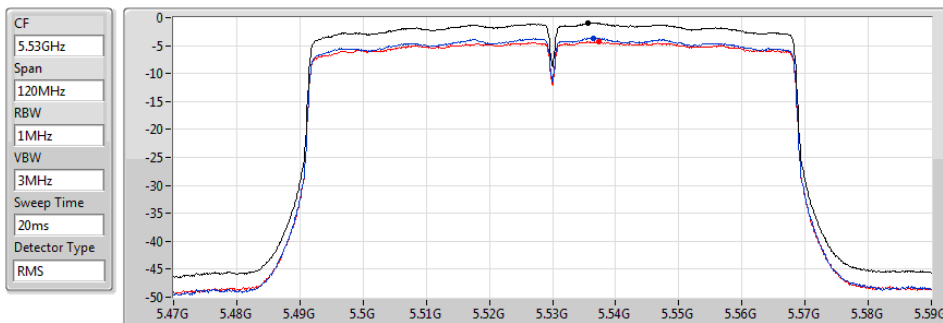
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.33    | -0.33    | -3.26    | -3.29    |

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

PSD

5530MHz

04/12/2019



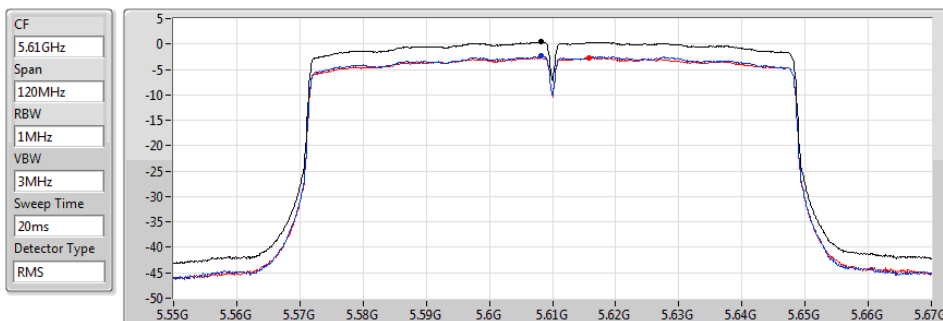
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.98    | -0.98    | -3.64    | -4.34    |

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

PSD

5610MHz

04/12/2019



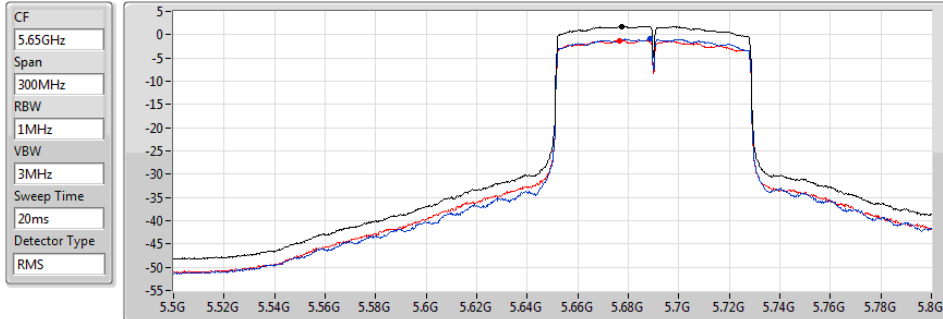
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.46     | 0.46     | -2.38    | -2.69    |

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

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



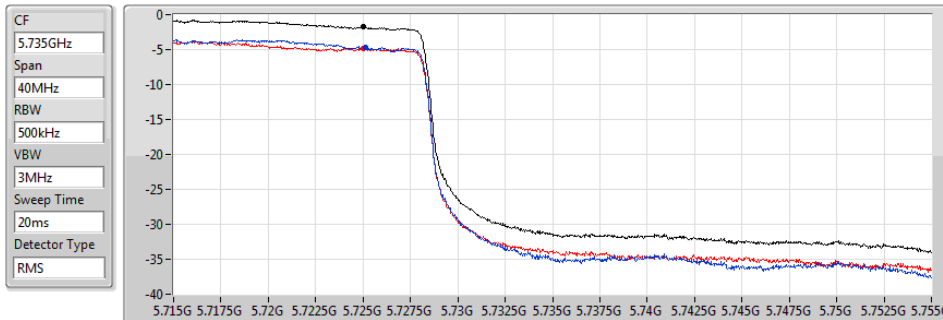
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.83     | 1.83     | -0.92    | -1.24    |

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

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



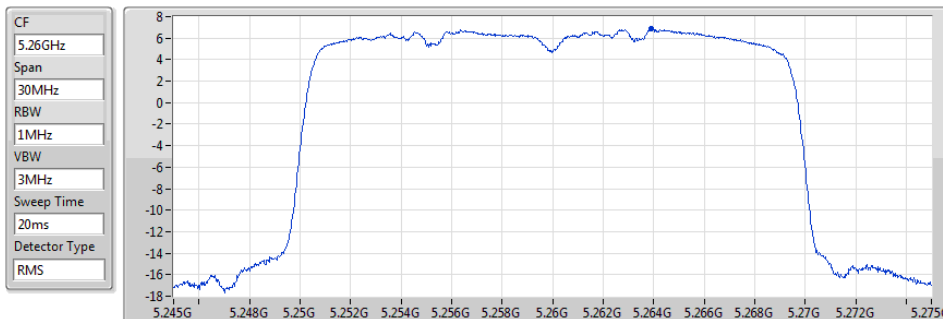
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.78    | -1.78    | -4.75    | -4.79    |

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

PSD

5260MHz

04/12/2019



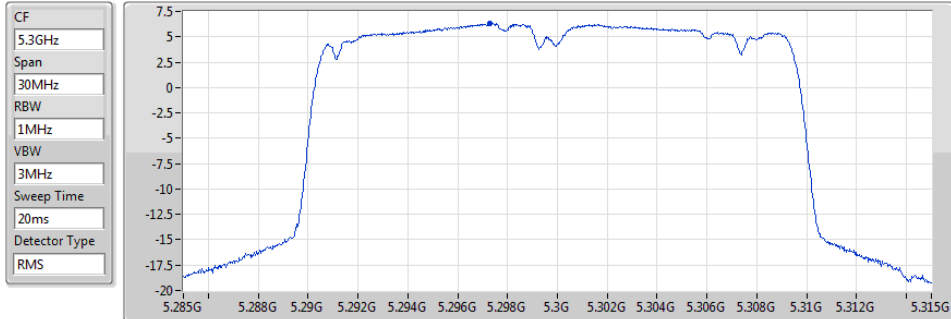
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.86     | 6.86     | 6.86     |

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

PSD

5300MHz

04/12/2019



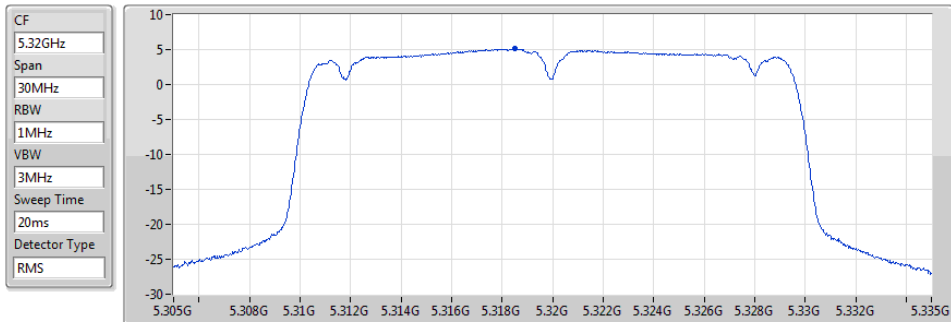
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.29     | 6.29     | 6.29     |

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

PSD

5320MHz

04/12/2019



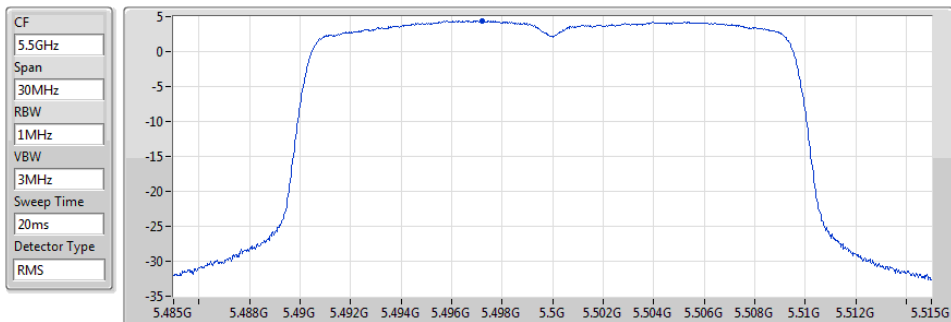
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.08     | 5.08     | 5.08     |

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

PSD

5500MHz

04/12/2019



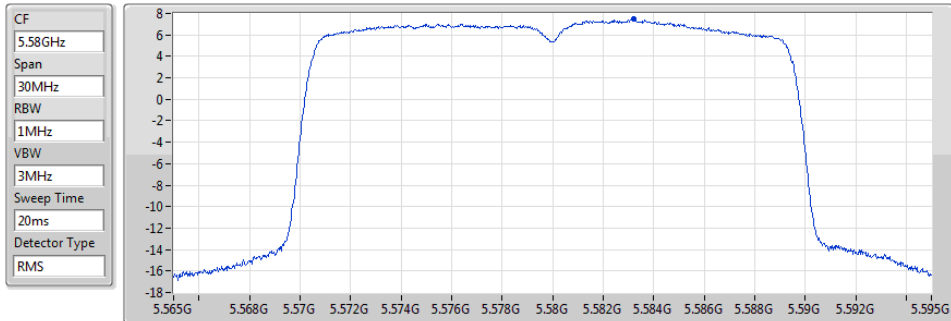
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.42     | 4.42     | 4.42     |

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

PSD

5580MHz

04/12/2019



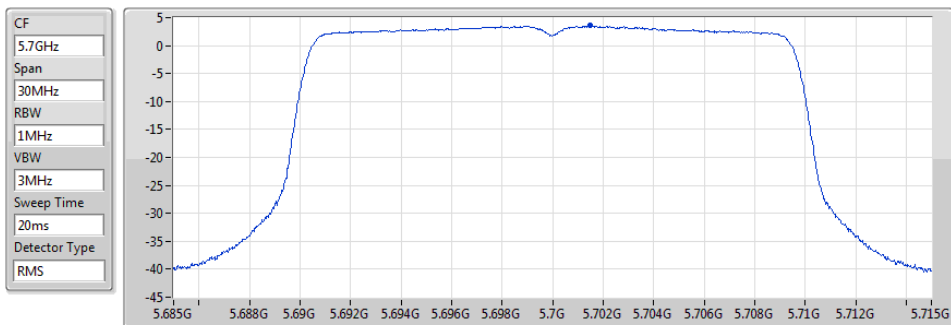
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.47     | 7.47     | 7.47     |

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

PSD

5700MHz

04/12/2019



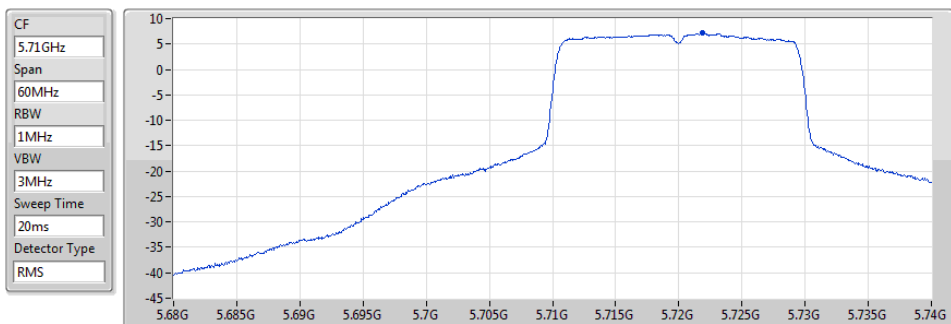
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.56     | 3.56     | 3.56     |

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

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019



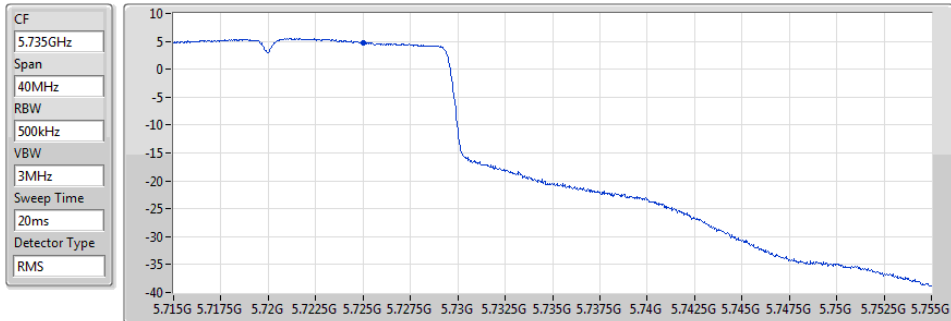
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.16     | 7.16     | 7.16     |

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

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019



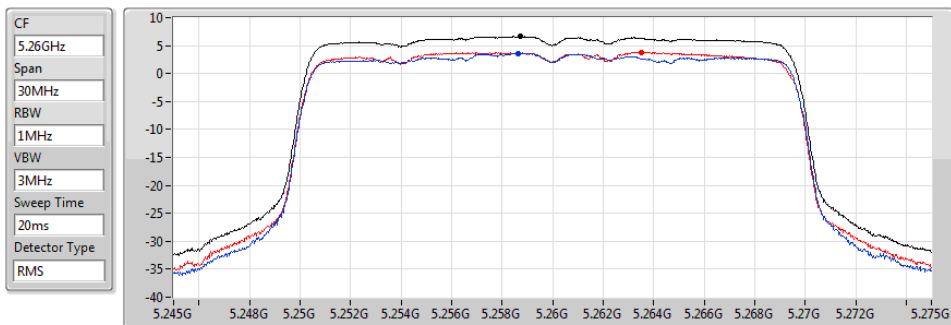
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.74      | 4.74      | 4.74      |

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

PSD

5260MHz

04/12/2019



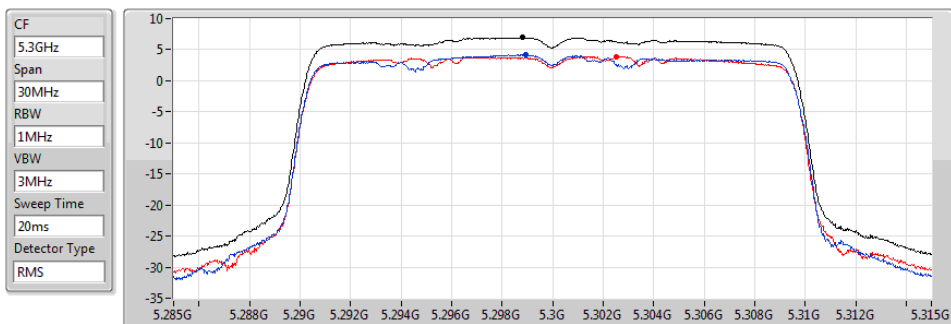
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.63      | 6.63      | 3.64      | 3.82      |

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

PSD

5300MHz

04/12/2019



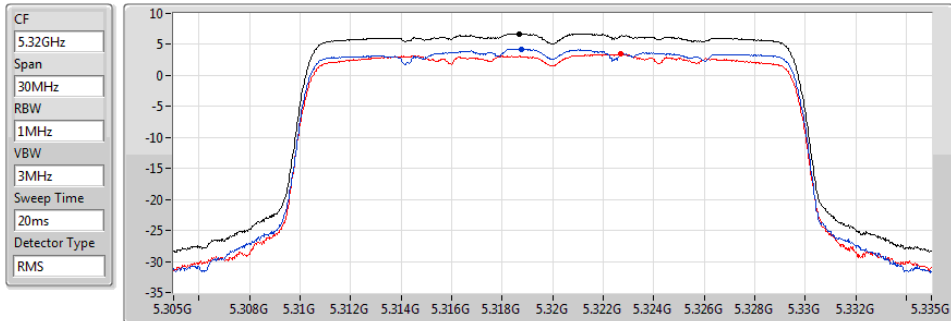
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.96      | 6.96      | 4.21      | 3.91      |

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

PSD

5320MHz

04/12/2019



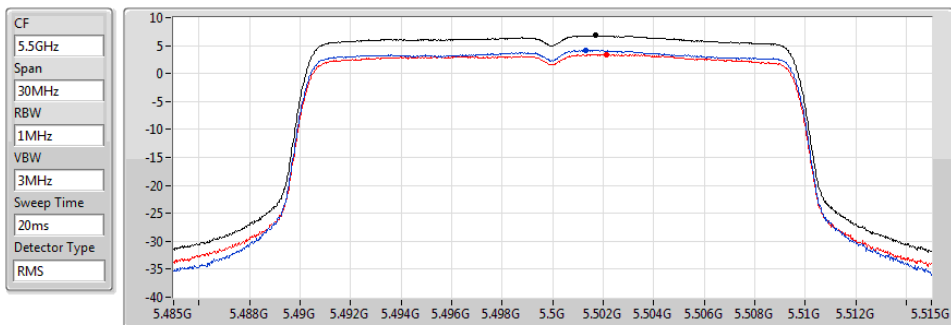
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.71     | 6.71     | 4.26     | 3.41     |

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

PSD

5500MHz

04/12/2019



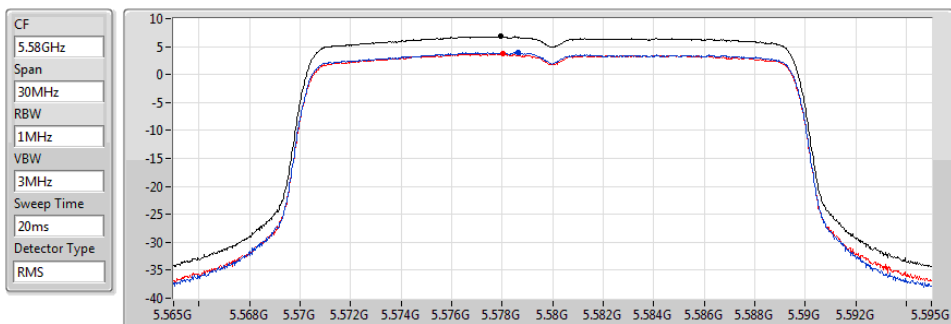
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.78     | 6.78     | 4.19     | 3.39     |

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

PSD

5580MHz

04/12/2019



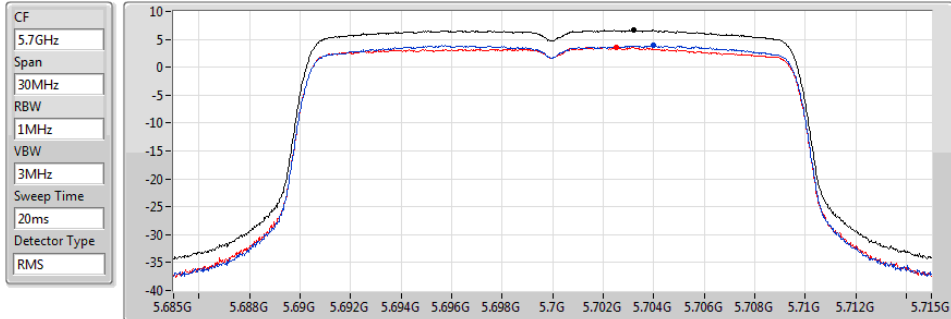
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.81     | 6.81     | 3.97     | 3.70     |

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

PSD

5700MHz

04/12/2019



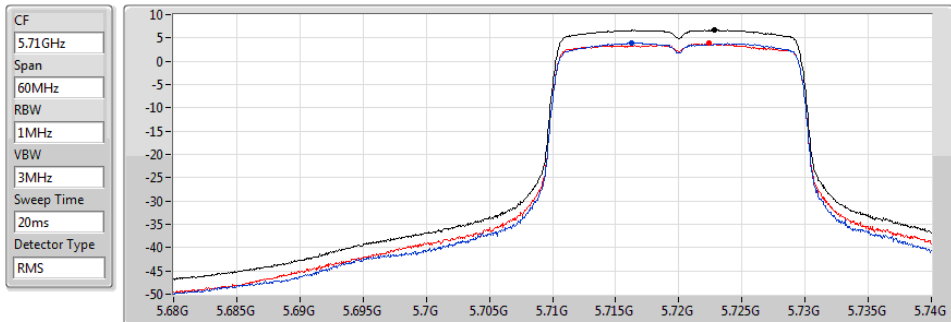
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.66      | 6.66      | 3.92      | 3.57      |

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

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019



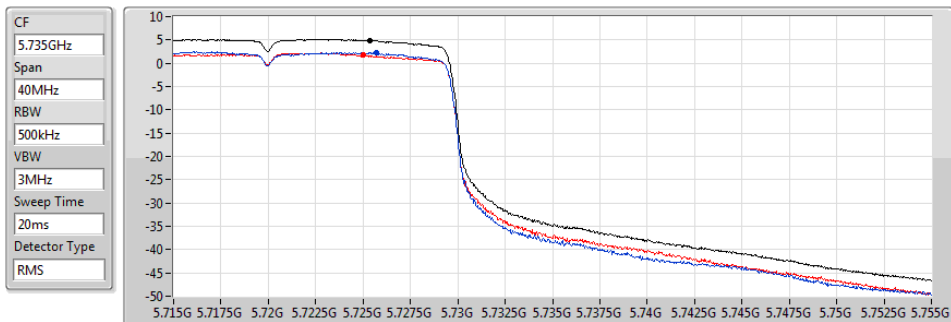
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.72      | 6.72      | 3.96      | 3.79      |

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

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019



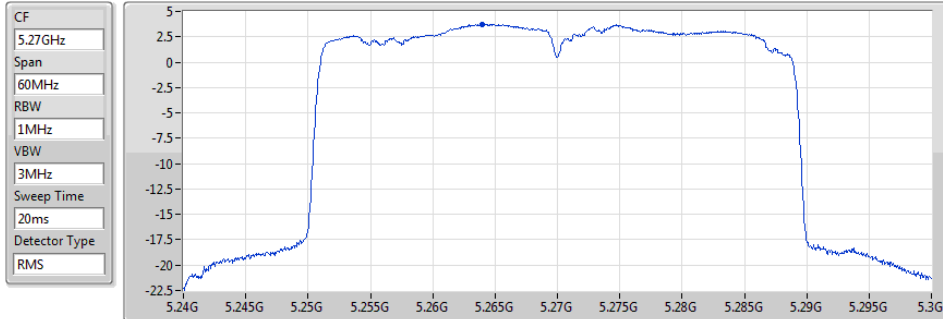
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.89      | 4.89      | 2.23      | 1.68      |

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

PSD

5270MHz

04/12/2019



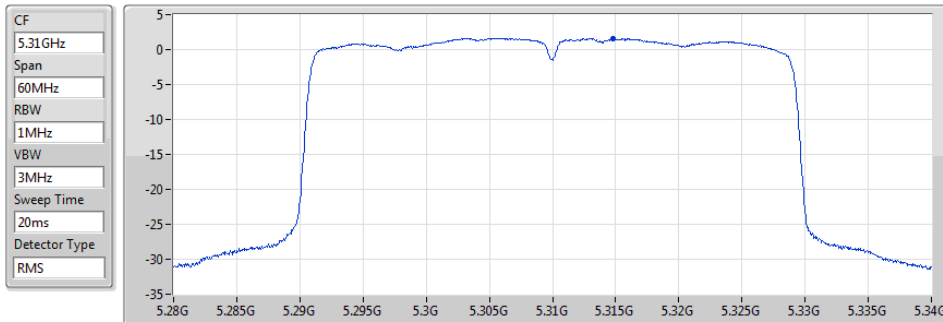
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.76      | 3.76      | 3.76      |

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

PSD

5310MHz

04/12/2019



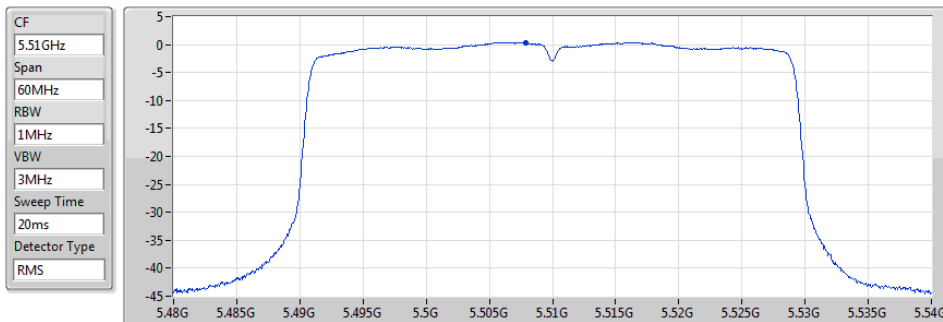
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.64      | 1.64      | 1.64      |

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

PSD

5510MHz

04/12/2019



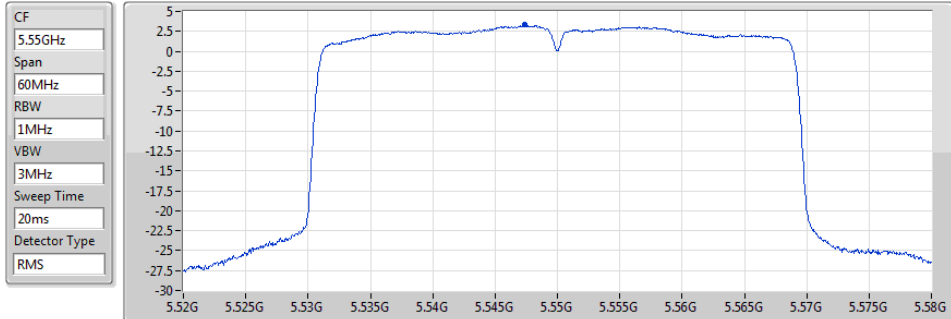
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.39      | 0.39      | 0.39      |

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

PSD

5550MHz

04/12/2019



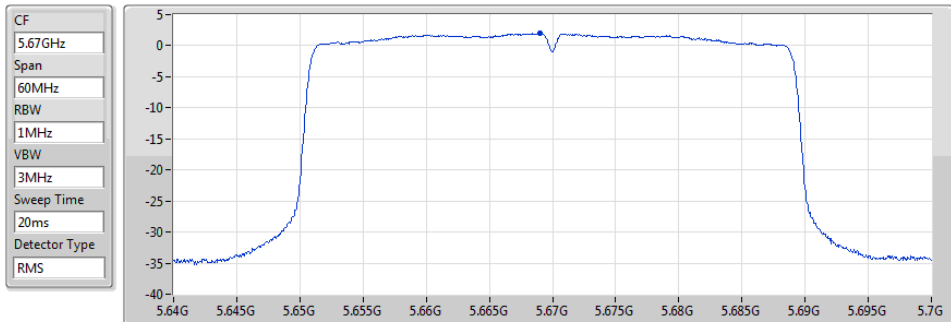
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.31      | 3.31      | 3.31      |

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

PSD

5670MHz

04/12/2019



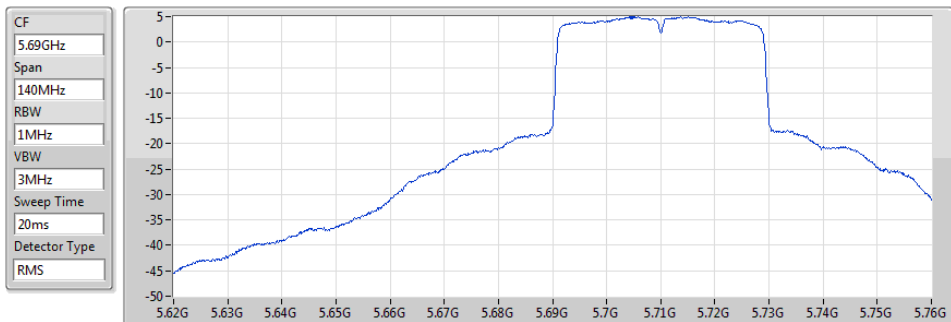
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.01      | 2.01      | 2.01      |

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

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



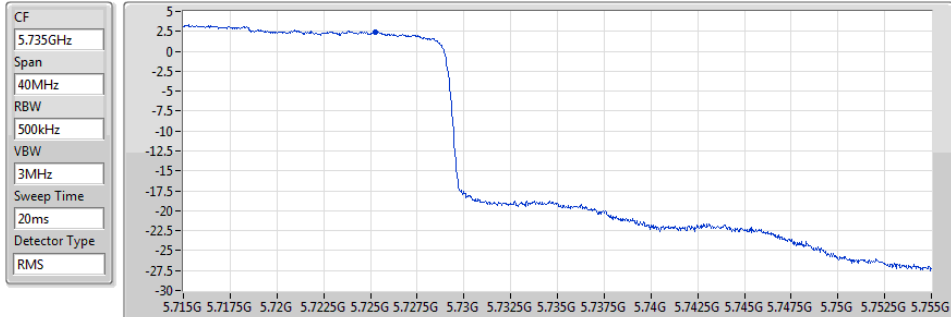
| Sum       | PD        | Port1     |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.97      | 4.97      | 4.97      |

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

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019



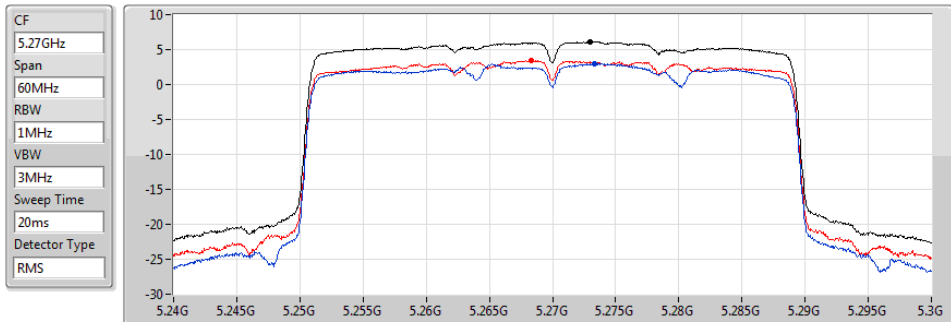
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.38      | 2.38      | 2.38      |

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

PSD

5270MHz

04/12/2019



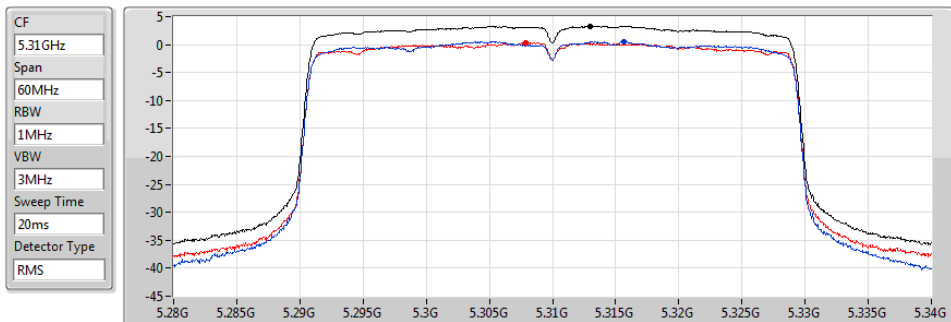
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.07      | 6.07      | 2.97      | 3.44      |

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

PSD

5310MHz

04/12/2019



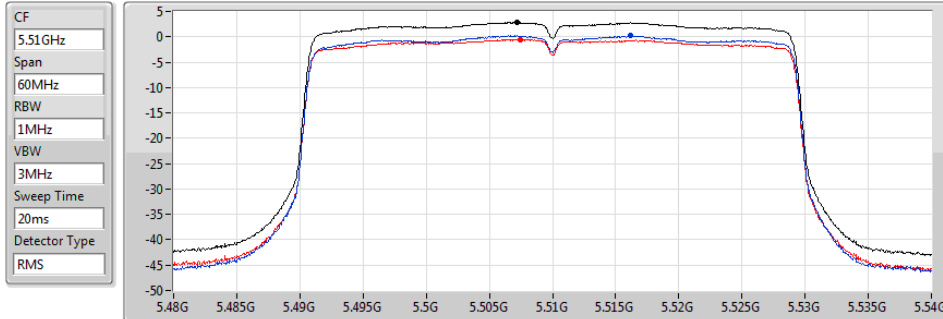
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.30      | 3.30      | 0.56      | 0.33      |

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

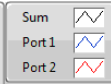
PSD

5510MHz

04/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.85     | 2.85     | 0.26     | -0.52    |

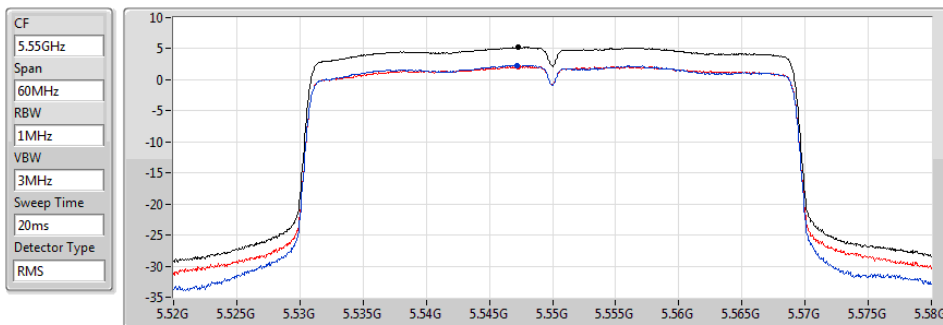


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

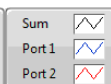
PSD

5550MHz

04/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.22     | 5.22     | 2.35     | 2.13     |

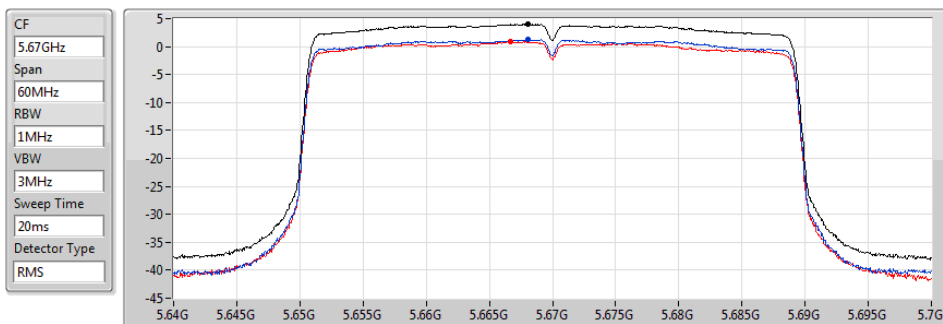


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

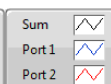
PSD

5670MHz

04/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.05     | 4.05     | 1.30     | 0.84     |

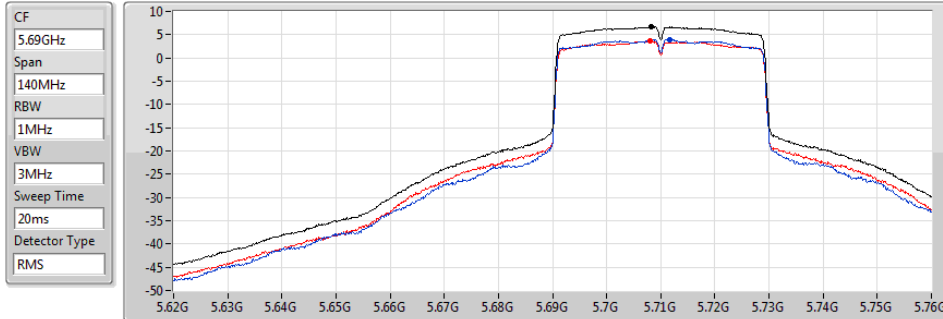


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



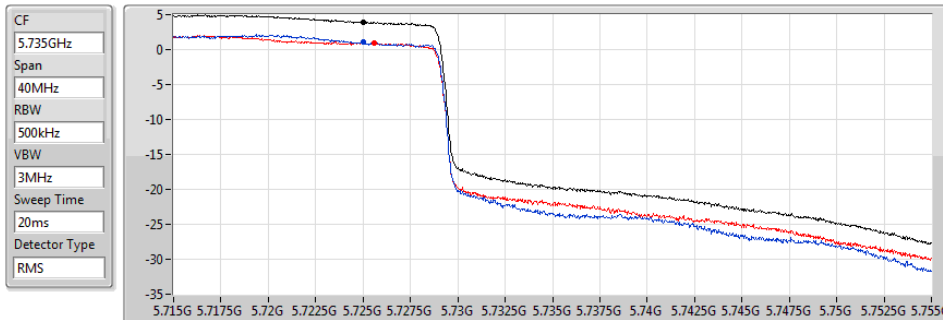
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.76      | 6.76      | 4.00      | 3.67      |

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

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.95      | 3.95      | 1.02      | 0.91      |

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

PSD

5290MHz

04/12/2019



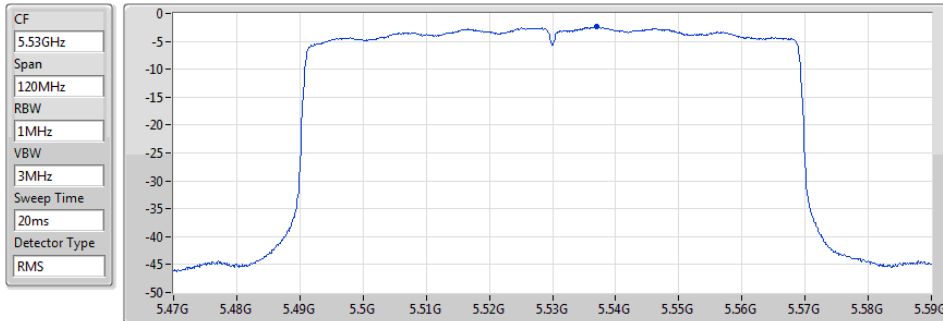
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.58     | -1.58     | -1.58     |

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

PSD

5530MHz

04/12/2019

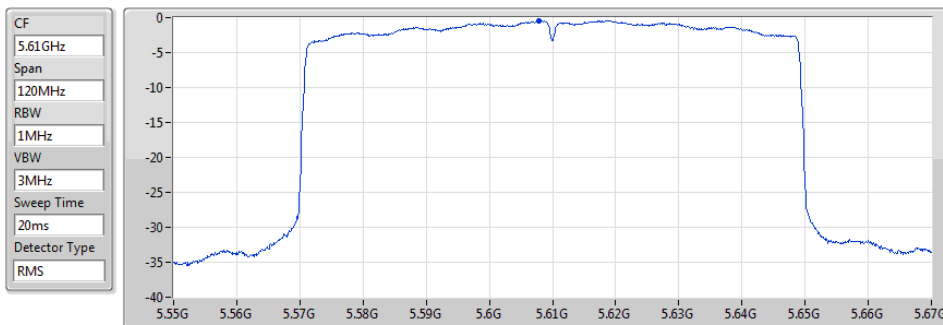


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)

PSD

5610MHz

04/12/2019

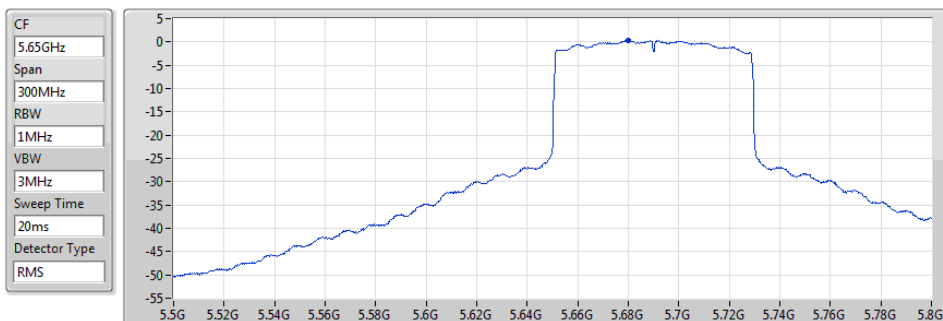


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019

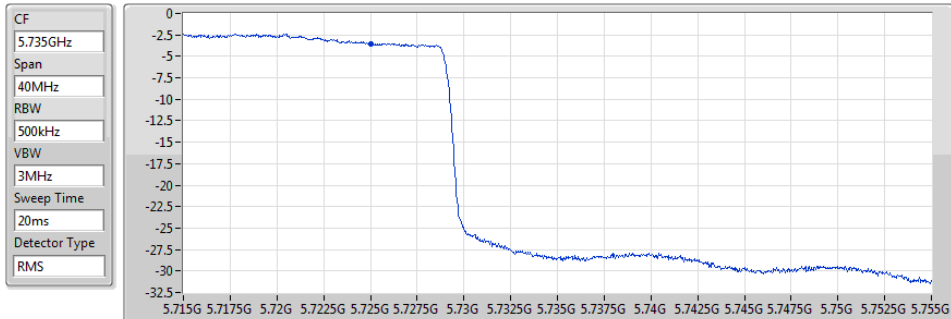


### 802.11ax HEW80\_Nss1,(MCS0)\_1TX(Port1)

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019

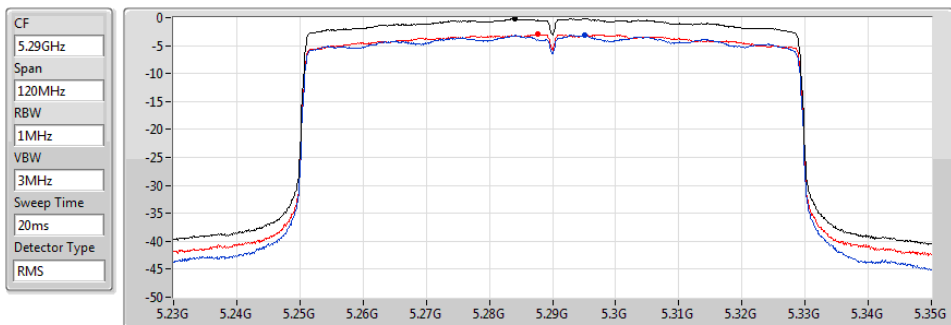


### 802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5290MHz

04/12/2019

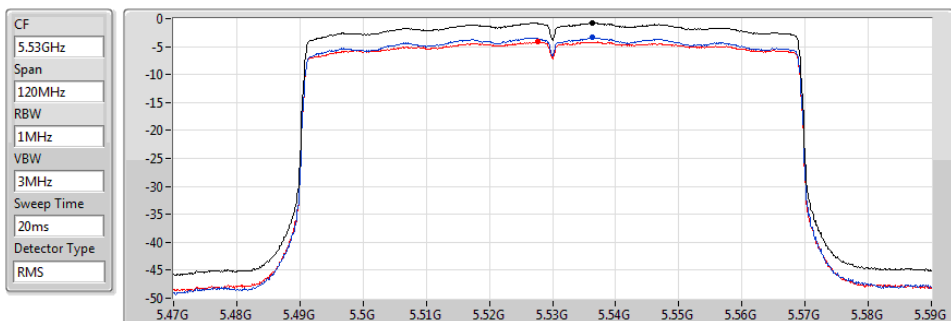


### 802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5530MHz

04/12/2019

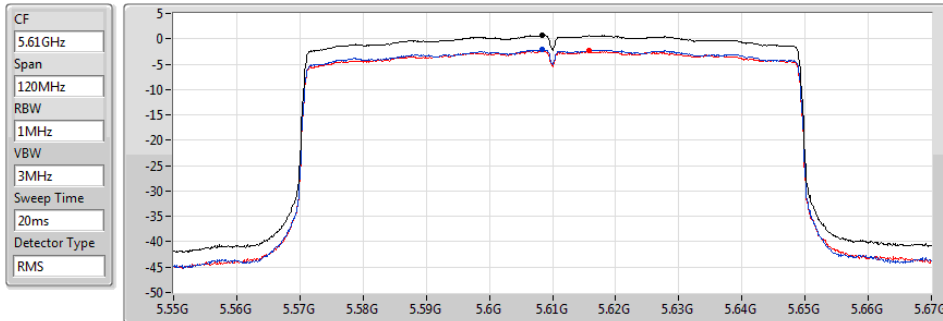


### 802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5610MHz

04/12/2019



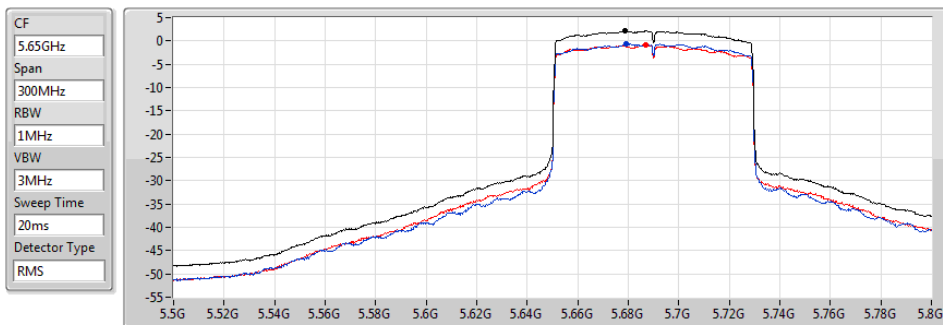
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.68     | 0.68     | -2.11    | -2.37    |

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

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



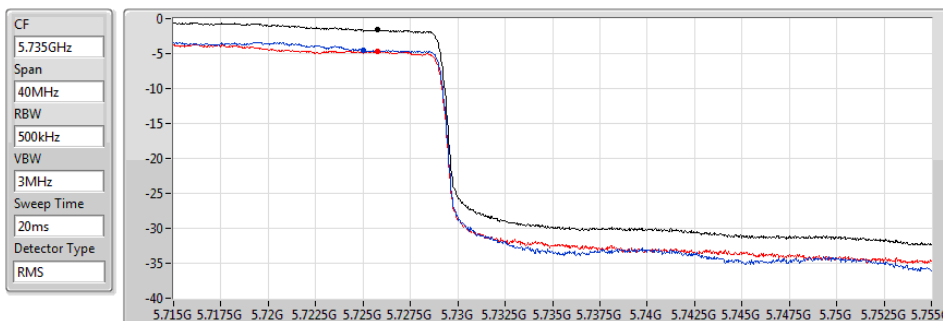
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.14     | 2.14     | -0.60    | -0.93    |

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

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.63    | -1.63    | -4.52    | -4.63    |

**Summary**

| Mode                                  | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                          | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -3.20           | 9.80                 |
| 802.11a_Nss1,(6Mbps)_2TX              | -3.29           | 12.72                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | -3.68           | 9.32                 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -3.68           | 12.33                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -6.75           | 6.25                 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -6.71           | 9.30                 |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -9.86           | 3.14                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -9.81           | 6.20                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | -3.78           | 9.22                 |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -3.66           | 12.35                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -6.79           | 6.21                 |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -6.72           | 9.29                 |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -9.69           | 3.31                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -9.64           | 6.37                 |
| 5.725-5.85GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 6.91            | 19.91                |
| 802.11a_Nss1,(6Mbps)_2TX              | 7.75            | 23.76                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 6.57            | 19.57                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 7.38            | 23.39                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -0.89           | 12.11                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 2.80            | 18.81                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -7.59           | 5.41                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -3.85           | 12.16                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 6.33            | 19.33                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 7.32            | 23.33                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -1.03           | 11.97                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 2.68            | 18.69                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -7.45           | 5.55                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -3.72           | 12.29                |

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

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 13.00       |                     | -3.62               | -3.62           | 10.00                 | 9.38                 | 23.00                      |
| 5200MHz                               | Pass   | 13.00       |                     | -3.36               | -3.36           | 10.00                 | 9.64                 | 23.00                      |
| 5240MHz                               | Pass   | 13.00       |                     | -3.20               | -3.20           | 10.00                 | 9.80                 | 23.00                      |
| 5745MHz                               | Pass   | 13.00       |                     | 4.76                | 4.76            | 23.00                 | 17.76                | 36.00                      |
| 5785MHz                               | Pass   | 13.00       |                     | 6.91                | 6.91            | 23.00                 | 19.91                | 36.00                      |
| 5825MHz                               | Pass   | 13.00       |                     | 4.97                | 4.97            | 23.00                 | 17.97                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 16.01       | -6.60               | -6.85               | -3.83           | 6.99                  | 12.18                | 23.00                      |
| 5200MHz                               | Pass   | 16.01       | -6.16               | -6.36               | -3.29           | 6.99                  | 12.72                | 23.00                      |
| 5240MHz                               | Pass   | 16.01       | -5.90               | -6.68               | -3.35           | 6.99                  | 12.66                | 23.00                      |
| 5745MHz                               | Pass   | 16.01       | 5.07                | 4.26                | 7.60            | 19.99                 | 23.61                | 36.00                      |
| 5785MHz                               | Pass   | 16.01       | 5.31                | 4.24                | 7.75            | 19.99                 | 23.76                | 36.00                      |
| 5825MHz                               | Pass   | 16.01       | 5.01                | 4.19                | 7.41            | 19.99                 | 23.42                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 13.00       |                     | -3.97               | -3.97           | 10.00                 | 9.03                 | 23.00                      |
| 5200MHz                               | Pass   | 13.00       |                     | -3.68               | -3.68           | 10.00                 | 9.32                 | 23.00                      |
| 5240MHz                               | Pass   | 13.00       |                     | -4.05               | -4.05           | 10.00                 | 8.95                 | 23.00                      |
| 5745MHz                               | Pass   | 13.00       |                     | 5.16                | 5.16            | 23.00                 | 18.16                | 36.00                      |
| 5785MHz                               | Pass   | 13.00       |                     | 6.57                | 6.57            | 23.00                 | 19.57                | 36.00                      |
| 5825MHz                               | Pass   | 13.00       |                     | 6.57                | 6.57            | 23.00                 | 19.57                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 16.01       | -7.08               | -7.16               | -4.24           | 6.99                  | 11.77                | 23.00                      |
| 5200MHz                               | Pass   | 16.01       | -6.60               | -6.55               | -3.68           | 6.99                  | 12.33                | 23.00                      |
| 5240MHz                               | Pass   | 16.01       | -6.34               | -6.91               | -3.77           | 6.99                  | 12.24                | 23.00                      |
| 5745MHz                               | Pass   | 16.01       | 4.72                | 3.94                | 7.23            | 19.99                 | 23.24                | 36.00                      |
| 5785MHz                               | Pass   | 16.01       | 5.02                | 3.97                | 7.38            | 19.99                 | 23.39                | 36.00                      |
| 5825MHz                               | Pass   | 16.01       | 3.99                | 2.92                | 6.33            | 19.99                 | 22.34                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 13.00       |                     | -6.75               | -6.75           | 10.00                 | 6.25                 | 23.00                      |
| 5230MHz                               | Pass   | 13.00       |                     | -6.85               | -6.85           | 10.00                 | 6.15                 | 23.00                      |
| 5755MHz                               | Pass   | 13.00       |                     | -0.89               | -0.89           | 23.00                 | 12.11                | 36.00                      |
| 5795MHz                               | Pass   | 13.00       |                     | -1.09               | -1.09           | 23.00                 | 11.91                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 16.01       | -9.90               | -10.01              | -7.06           | 6.99                  | 8.95                 | 23.00                      |
| 5230MHz                               | Pass   | 16.01       | -9.21               | -10.00              | -6.71           | 6.99                  | 9.30                 | 23.00                      |
| 5755MHz                               | Pass   | 16.01       | 0.52                | -0.69               | 2.80            | 19.99                 | 18.81                | 36.00                      |
| 5795MHz                               | Pass   | 16.01       | 0.01                | -1.30               | 2.24            | 19.99                 | 18.25                | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 13.00       |                     | -9.86               | -9.86           | 10.00                 | 3.14                 | 23.00                      |
| 5775MHz                               | Pass   | 13.00       |                     | -7.59               | -7.59           | 23.00                 | 5.41                 | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 16.01       | -12.42              | -13.01              | -9.81           | 6.99                  | 6.20                 | 23.00                      |
| 5775MHz                               | Pass   | 16.01       | -6.13               | -7.45               | -3.85           | 19.99                 | 12.16                | 36.00                      |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 13.00       |                     | -4.02               | -4.02           | 10.00                 | 8.98                 | 23.00                      |
| 5200MHz                               | Pass   | 13.00       |                     | -3.78               | -3.78           | 10.00                 | 9.22                 | 23.00                      |
| 5240MHz                               | Pass   | 13.00       |                     | -4.08               | -4.08           | 10.00                 | 8.92                 | 23.00                      |
| 5745MHz                               | Pass   | 13.00       |                     | 4.98                | 4.98            | 23.00                 | 17.98                | 36.00                      |
| 5785MHz                               | Pass   | 13.00       |                     | 6.14                | 6.14            | 23.00                 | 19.14                | 36.00                      |
| 5825MHz                               | Pass   | 13.00       |                     | 6.33                | 6.33            | 23.00                 | 19.33                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                               | Pass   | 16.01       | -7.25               | -7.32               | -4.30           | 6.99                  | 11.71                | 23.00                      |
| 5200MHz                               | Pass   | 16.01       | -6.63               | -6.64               | -3.66           | 6.99                  | 12.35                | 23.00                      |
| 5240MHz                               | Pass   | 16.01       | -6.28               | -7.00               | -3.72           | 6.99                  | 12.29                | 23.00                      |
| 5745MHz                               | Pass   | 16.01       | 4.71                | 4.00                | 7.21            | 19.99                 | 23.22                | 36.00                      |
| 5785MHz                               | Pass   | 16.01       | 4.98                | 3.96                | 7.32            | 19.99                 | 23.33                | 36.00                      |
| 5825MHz                               | Pass   | 16.01       | 3.84                | 2.96                | 6.21            | 19.99                 | 22.22                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 13.00       |                     | -6.79               | -6.79           | 10.00                 | 6.21                 | 23.00                      |
| 5230MHz                               | Pass   | 13.00       |                     | -6.88               | -6.88           | 10.00                 | 6.12                 | 23.00                      |
| 5755MHz                               | Pass   | 13.00       |                     | -1.03               | -1.03           | 23.00                 | 11.97                | 36.00                      |
| 5795MHz                               | Pass   | 13.00       |                     | -1.12               | -1.12           | 23.00                 | 11.88                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                               | Pass   | 16.01       | -9.84               | -10.06              | -7.04           | 6.99                  | 8.97                 | 23.00                      |
| 5230MHz                               | Pass   | 16.01       | -9.15               | -10.06              | -6.72           | 6.99                  | 9.29                 | 23.00                      |
| 5755MHz                               | Pass   | 16.01       | 0.34                | -0.76               | 2.68            | 19.99                 | 18.69                | 36.00                      |
| 5795MHz                               | Pass   | 16.01       | -0.01               | -1.41               | 2.20            | 19.99                 | 18.21                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 13.00       |                     | -9.69               | -9.69           | 10.00                 | 3.31                 | 23.00                      |
| 5775MHz                               | Pass   | 13.00       |                     | -7.45               | -7.45           | 23.00                 | 5.55                 | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                               | Pass   | 16.01       | -12.22              | -12.86              | -9.64           | 6.99                  | 6.37                 | 23.00                      |
| 5775MHz                               | Pass   | 16.01       | -5.94               | -7.29               | -3.72           | 19.99                 | 12.29                | 36.00                      |

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

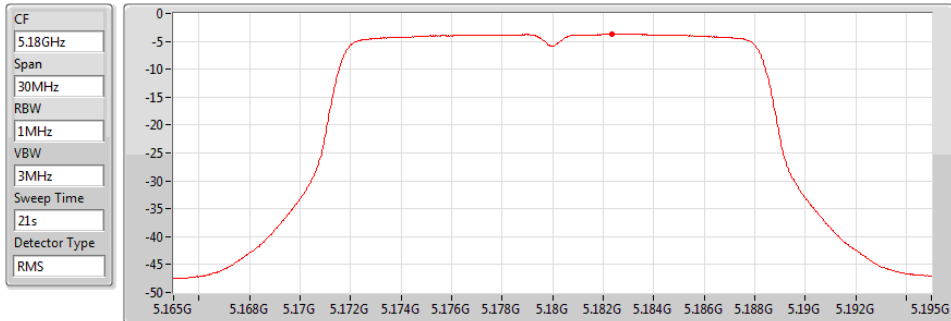
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

5180MHz

22/08/2019



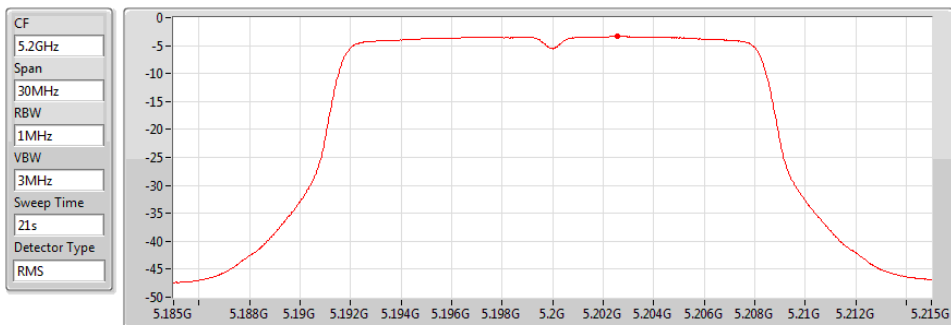
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.62    | -3.62    |          | -3.62    |

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

PSD

5200MHz

22/08/2019



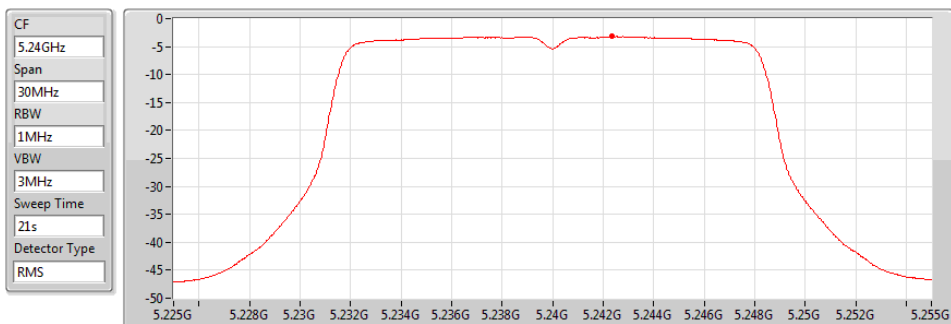
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.36    | -3.36    |          | -3.36    |

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

PSD

5240MHz

22/08/2019



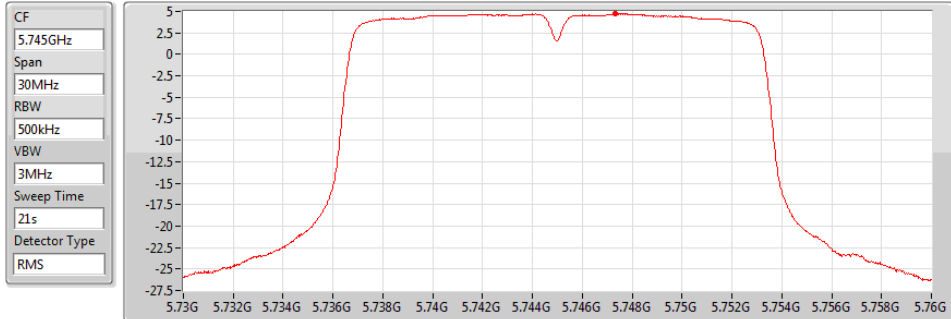
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.20    | -3.20    |          | -3.20    |

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

PSD

5745MHz

14/08/2019



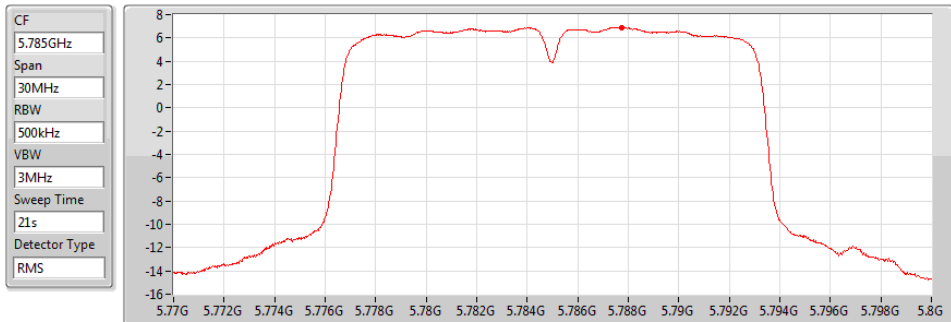
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.76     | 4.76     |          | 4.76     |

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

PSD

5785MHz

14/08/2019



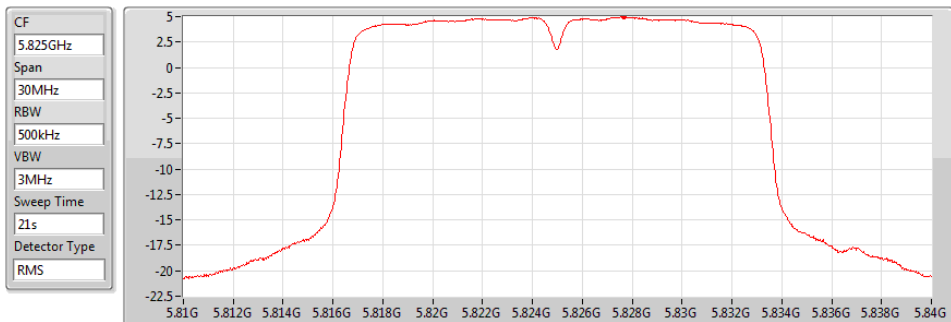
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.91     | 6.91     |          | 6.91     |

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

PSD

5825MHz

14/08/2019



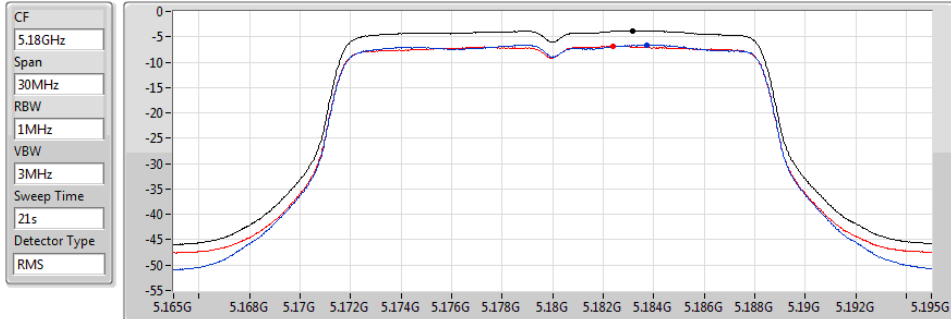
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.97     | 4.97     |          | 4.97     |

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

### PSD

5180MHz

22/08/2019



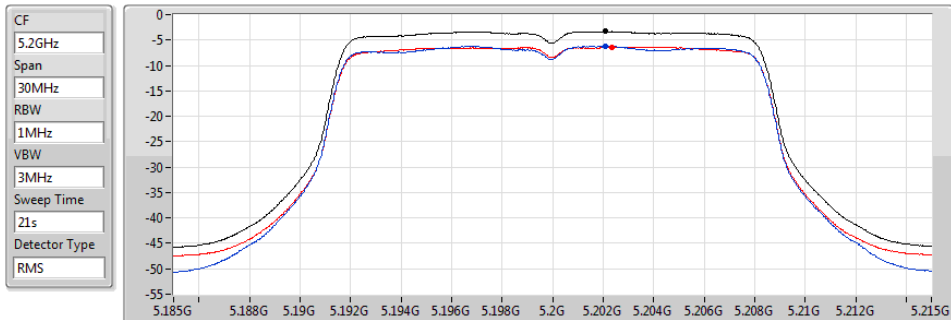
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.83    | -3.83    | -6.60    | -6.85    |

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

### PSD

5200MHz

22/08/2019



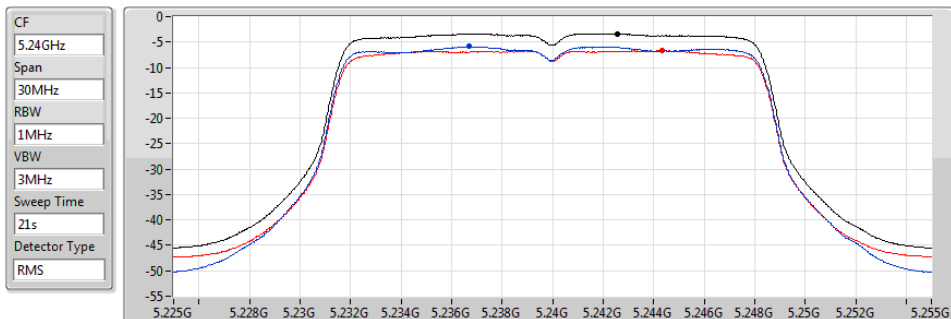
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.29    | -3.29    | -6.16    | -6.36    |

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

### PSD

5240MHz

22/08/2019



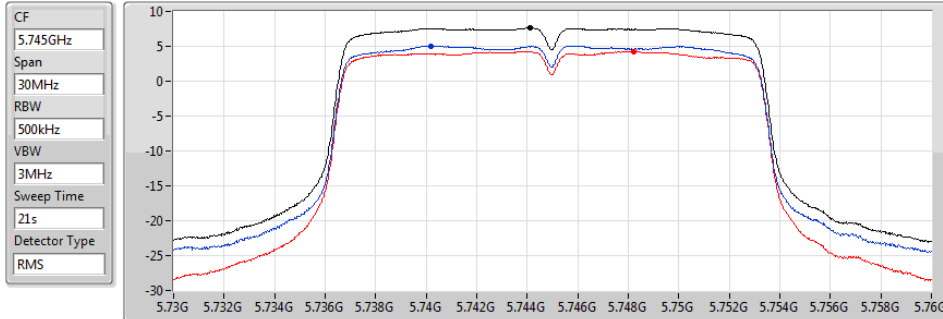
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.35    | -3.35    | -5.90    | -6.68    |

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

### PSD

5745MHz

14/08/2019



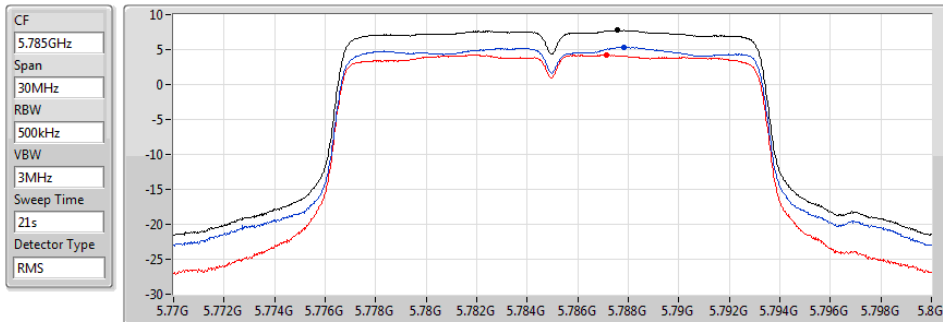
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.60     | 7.60     | 5.07     | 4.26     |

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

### PSD

5785MHz

14/08/2019



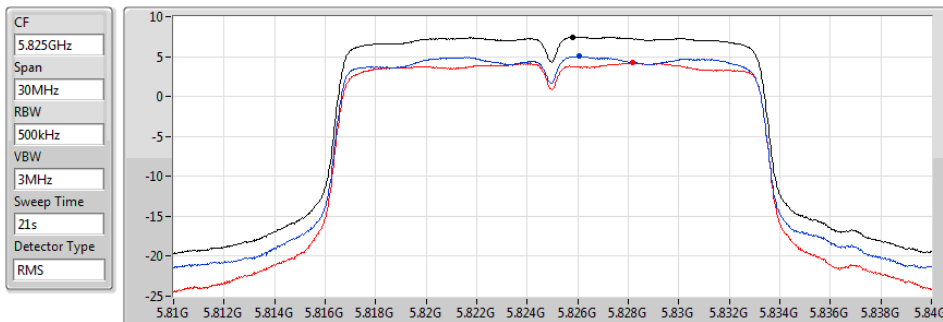
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.75     | 7.75     | 5.31     | 4.24     |

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

### PSD

5825MHz

14/08/2019



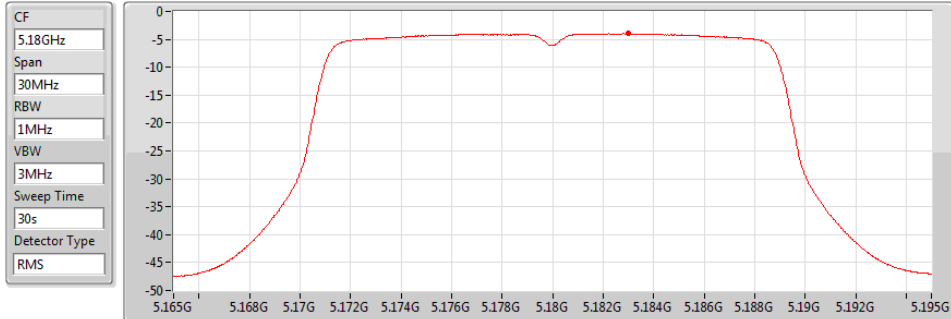
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.41     | 7.41     | 5.01     | 4.19     |

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

PSD

5180MHz

22/08/2019



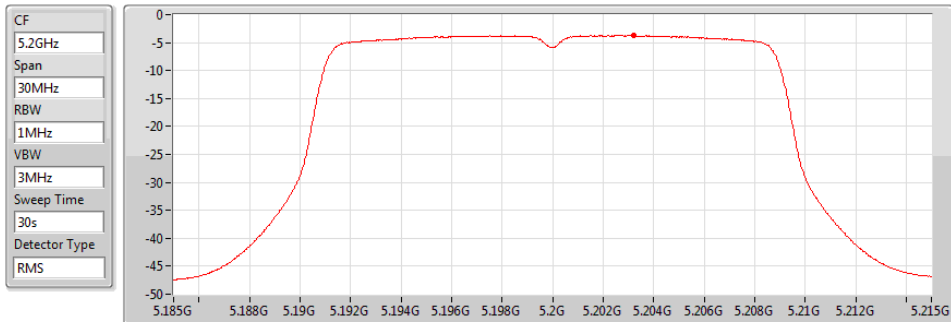
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.97     | -3.97     |           | -3.97     |

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

PSD

5200MHz

22/08/2019



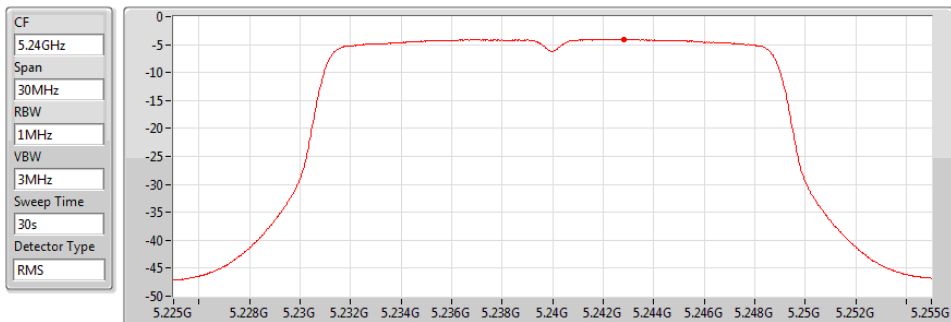
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.68     | -3.68     |           | -3.68     |

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

PSD

5240MHz

22/08/2019



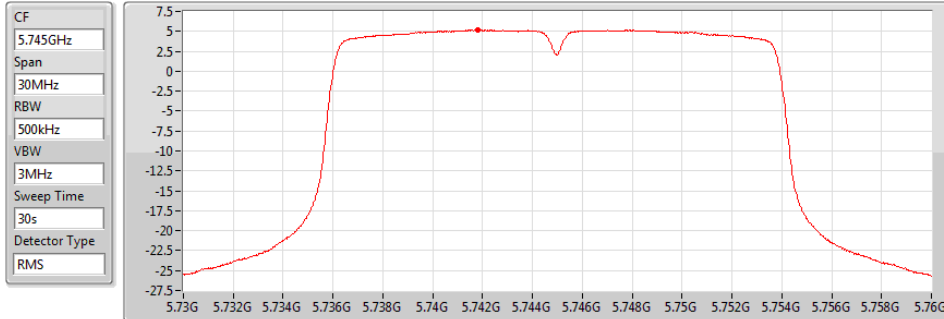
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.05     | -4.05     |           | -4.05     |

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

PSD

5745MHz

14/08/2019



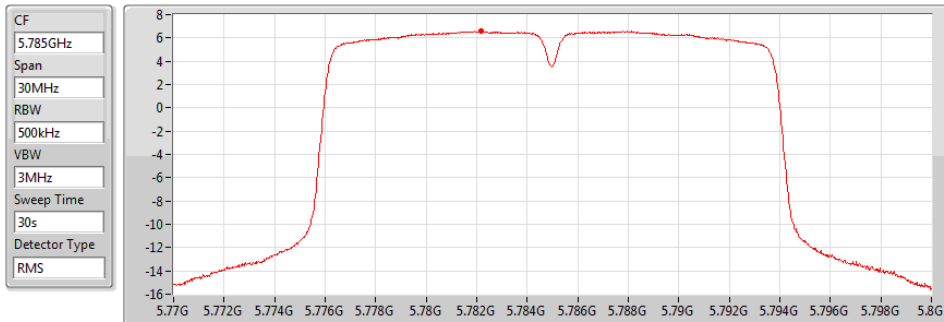
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.16     | 5.16     |          | 5.16     |

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

PSD

5785MHz

14/08/2019



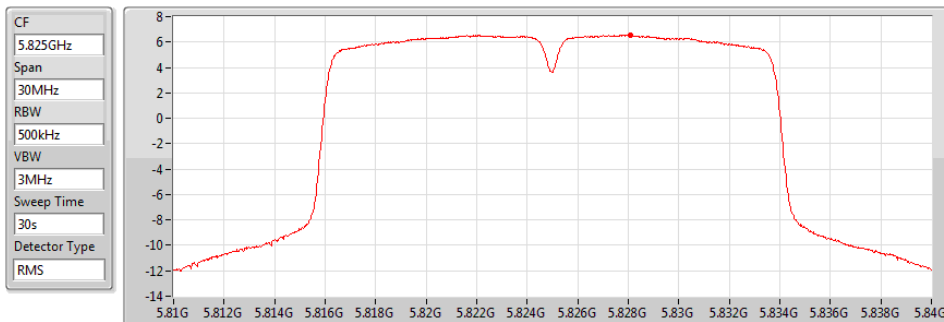
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.57     | 6.57     |          | 6.57     |

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

PSD

5825MHz

14/08/2019



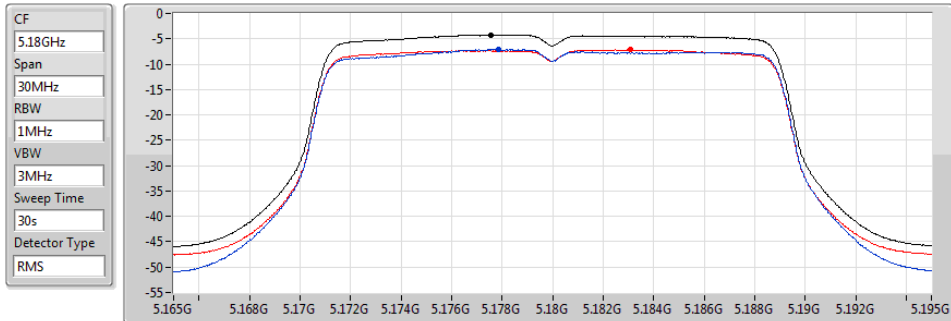
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.57     | 6.57     |          | 6.57     |

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

PSD

5180MHz

22/08/2019



Sum  
Port 1  
Port 2

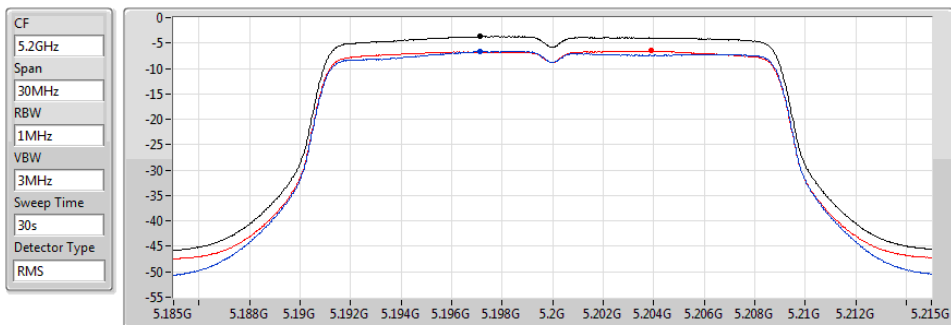
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -4.24    | -4.24    | -7.08    | -7.16    |

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

PSD

5200MHz

22/08/2019



Sum  
Port 1  
Port 2

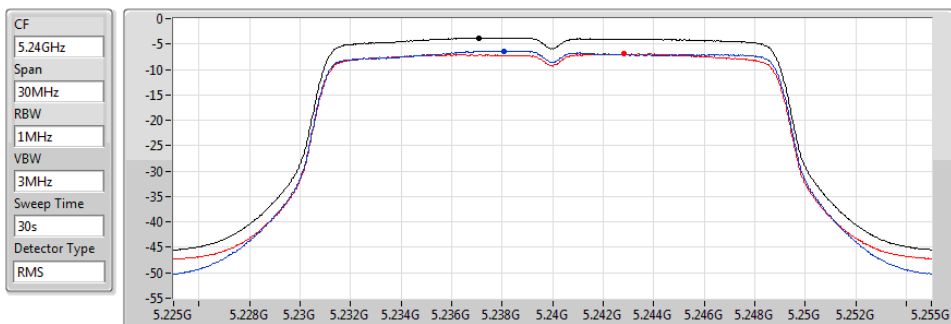
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.68    | -3.68    | -6.60    | -6.55    |

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

PSD

5240MHz

22/08/2019



Sum  
Port 1  
Port 2

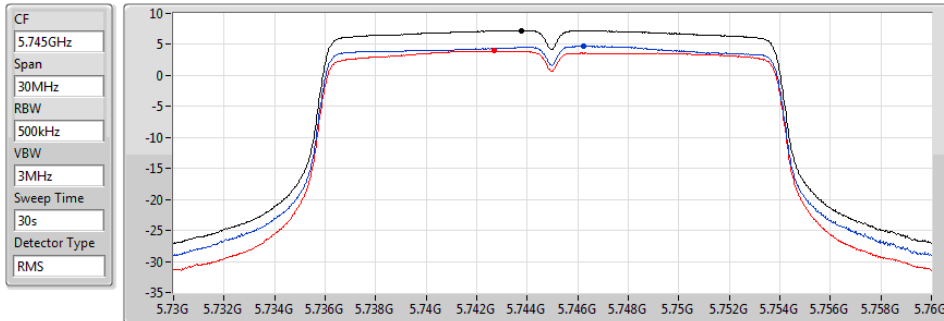
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.77    | -3.77    | -6.34    | -6.91    |

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

PSD

5745MHz

14/08/2019



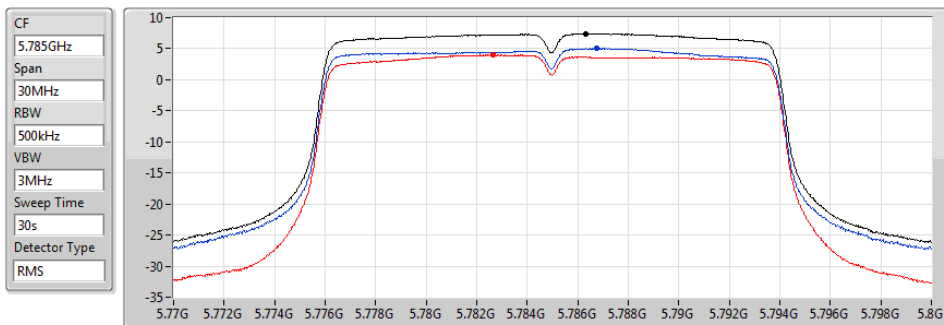
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.23      | 7.23      | 4.72      | 3.94      |

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

PSD

5785MHz

14/08/2019



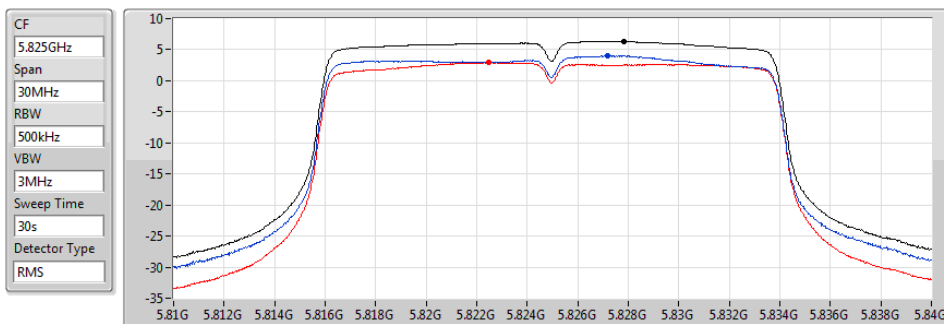
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.38      | 7.38      | 5.02      | 3.97      |

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

PSD

5825MHz

14/08/2019



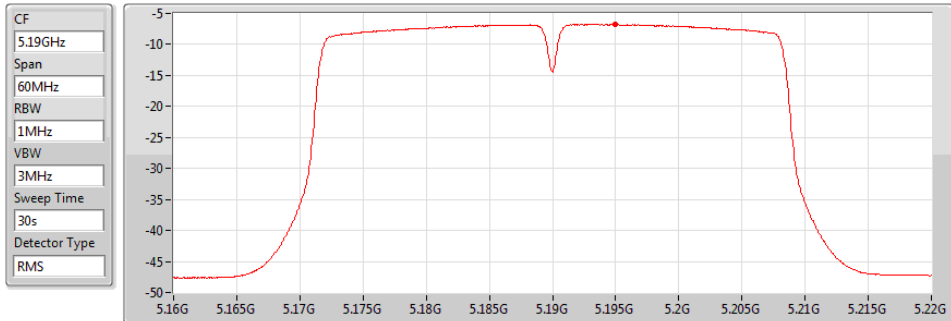
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.33      | 6.33      | 3.99      | 2.92      |

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

PSD

5190MHz

22/08/2019



Port 2

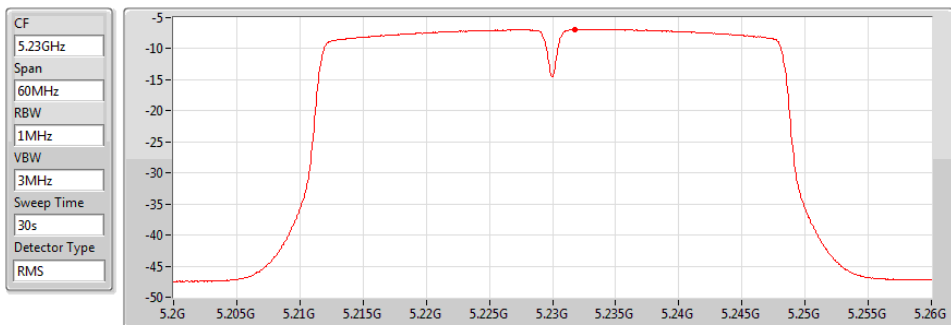
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.75    | -6.75    |          | -6.75    |

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

PSD

5230MHz

22/08/2019



Port 2

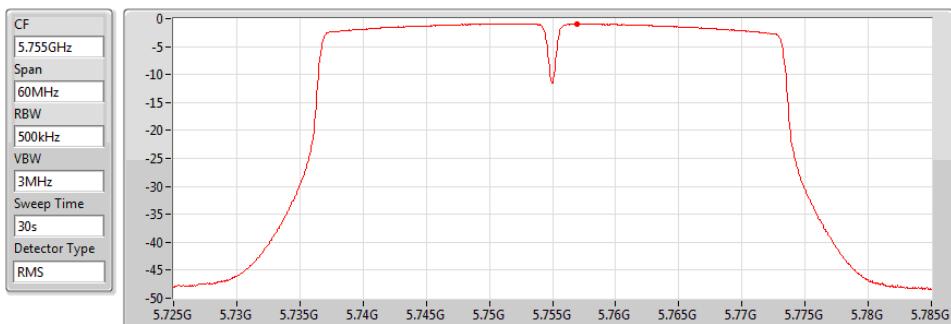
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.85    | -6.85    |          | -6.85    |

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

PSD

5755MHz

15/08/2019



Port 2

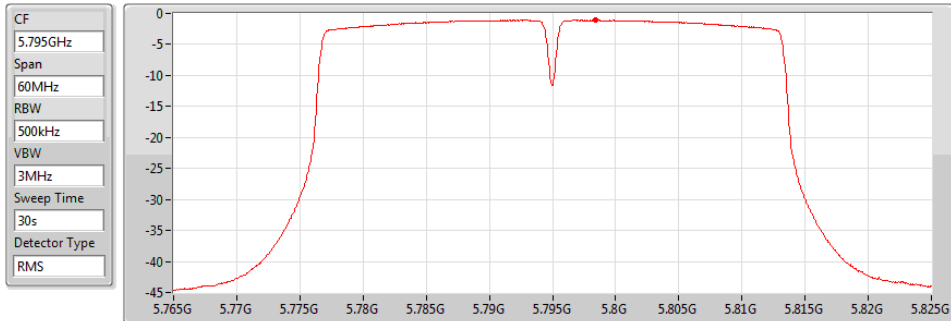
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.89    | -0.89    |          | -0.89    |

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

PSD

5795MHz

15/08/2019



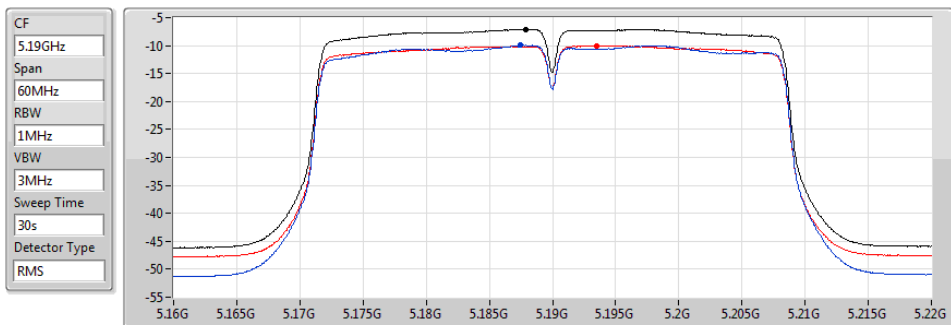
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.09    | -1.09    |          | -1.09    |

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

PSD

5190MHz

22/08/2019



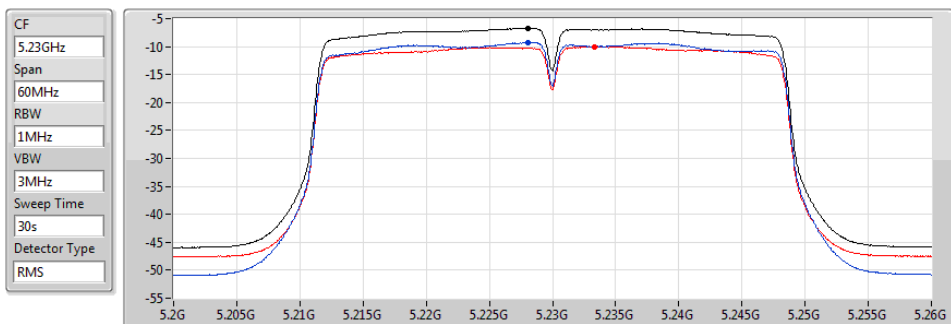
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -7.06    | -7.06    | -9.90    | -10.01   |

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

PSD

5230MHz

22/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.71    | -6.71    | -9.21    | -10.00   |

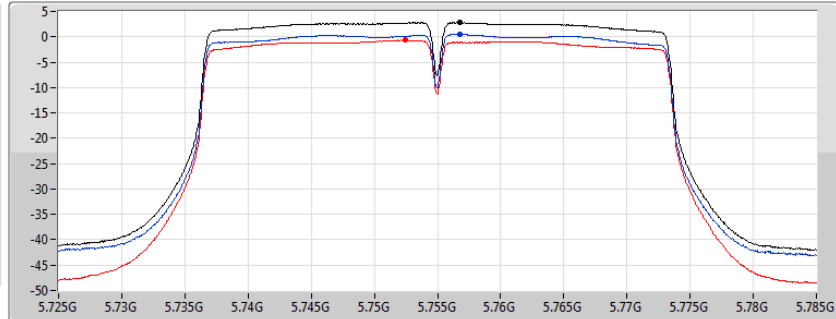
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5755MHz

15/08/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.80     | 2.80     | 0.52     | -0.69    |

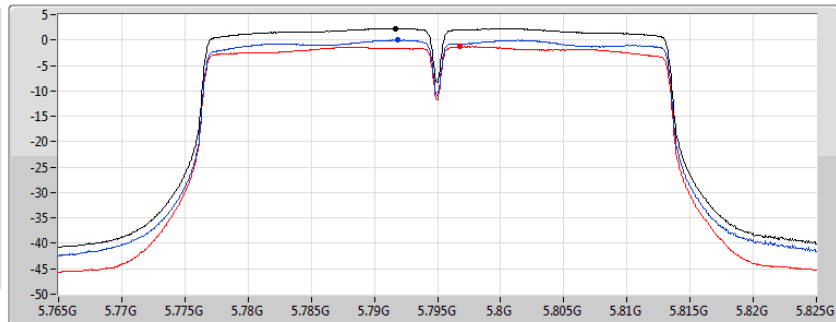
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

15/08/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.24     | 2.24     | 0.01     | -1.30    |

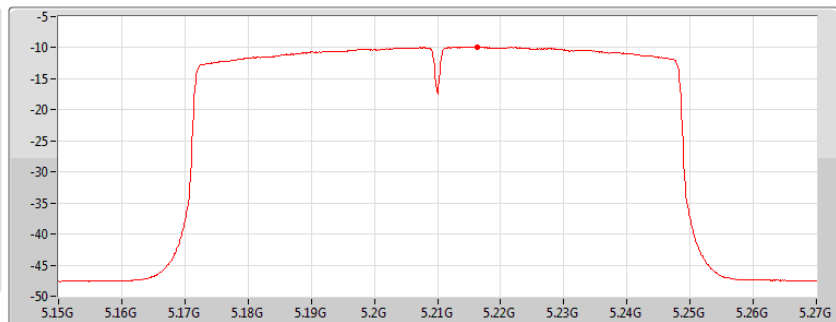
### 802.11ac VHT80\_Nss1,(MCS0)\_1TX(Port2)

PSD

5210MHz

22/08/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 2

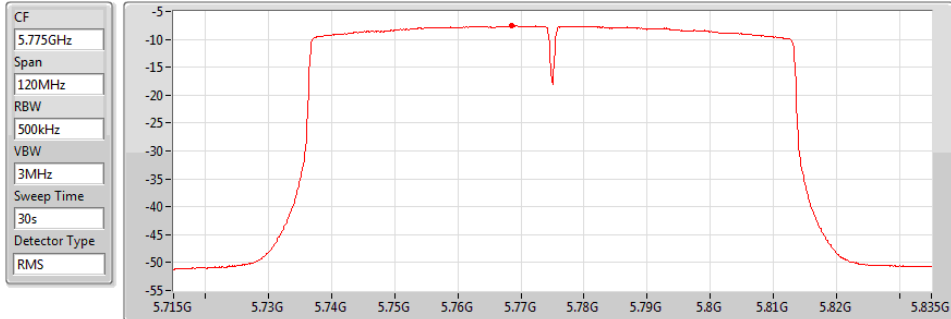
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -9.86    | -9.86    |          | -9.86    |

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

PSD

5775MHz

15/08/2019



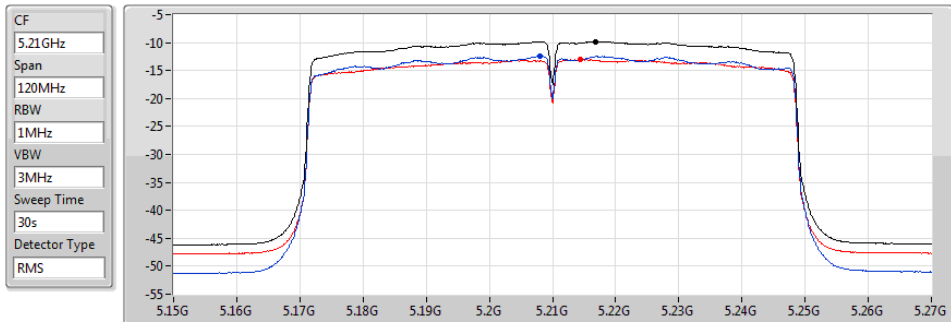
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -7.59        | -7.59        |              | -7.59        |

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

PSD

5210MHz

22/08/2019



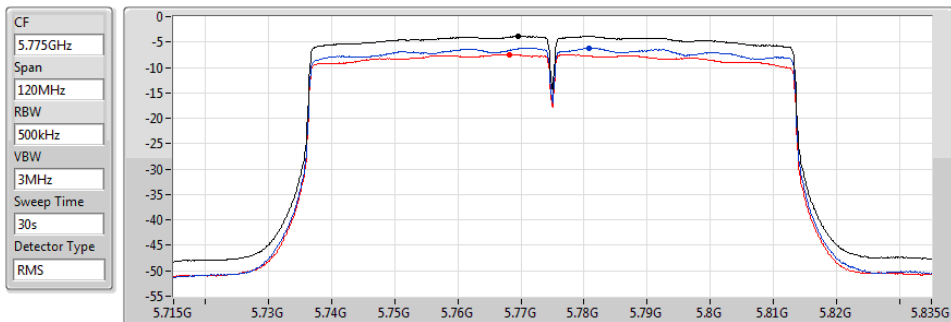
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -9.81        | -9.81        | -12.42       | -13.01       |

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

PSD

5775MHz

15/08/2019



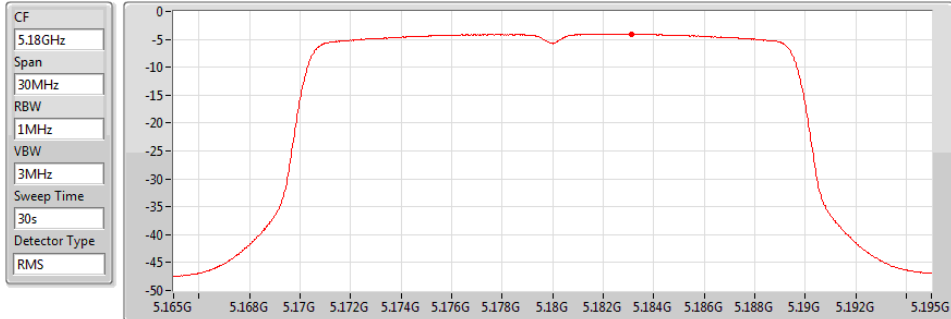
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -3.85        | -3.85        | -6.13        | -7.45        |

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

PSD

5180MHz

22/08/2019



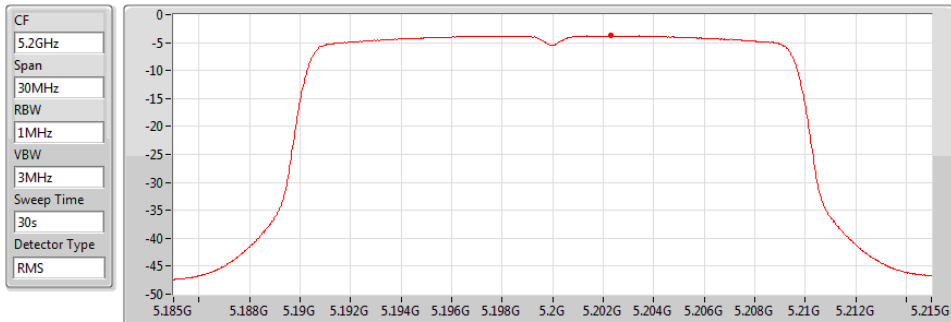
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.02     | -4.02     |           | -4.02     |

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

PSD

5200MHz

22/08/2019



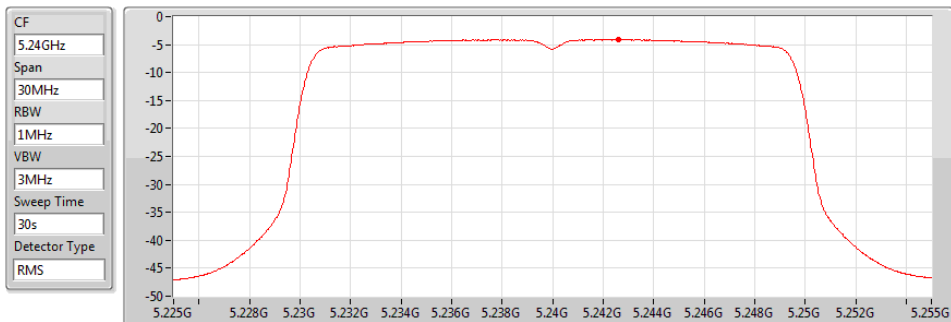
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.78     | -3.78     |           | -3.78     |

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

PSD

5240MHz

22/08/2019



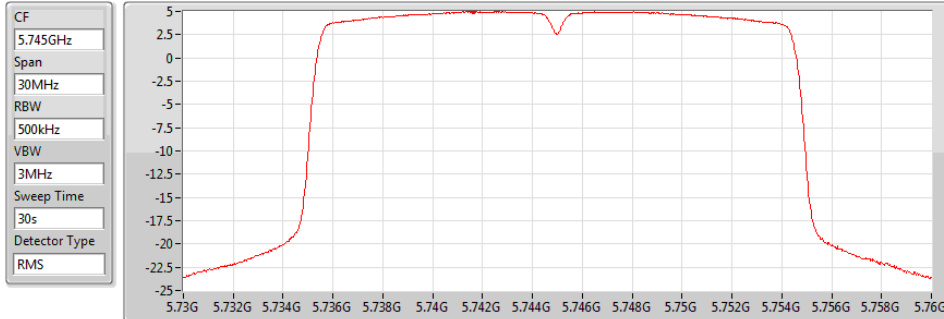
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.08     | -4.08     |           | -4.08     |

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

PSD

5745MHz

14/08/2019



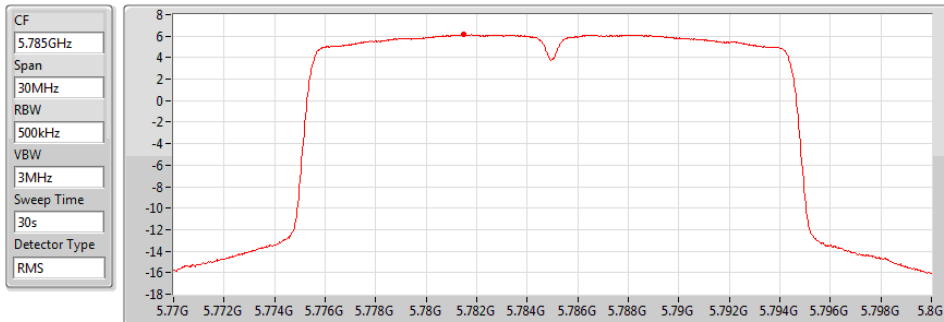
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.98     | 4.98     |          | 4.98     |

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

PSD

5785MHz

14/08/2019



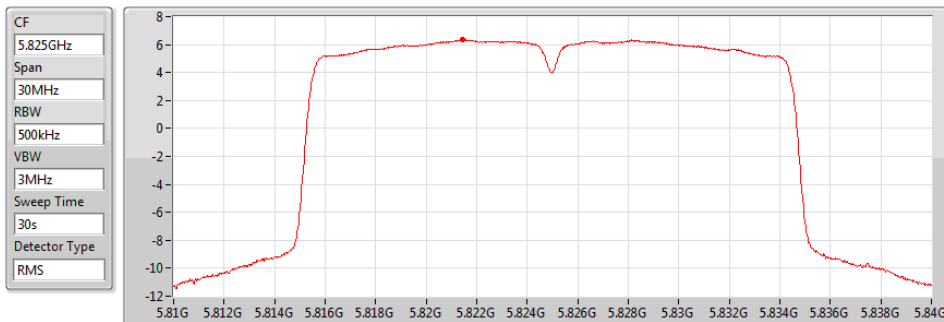
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.14     | 6.14     |          | 6.14     |

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

PSD

5825MHz

14/08/2019



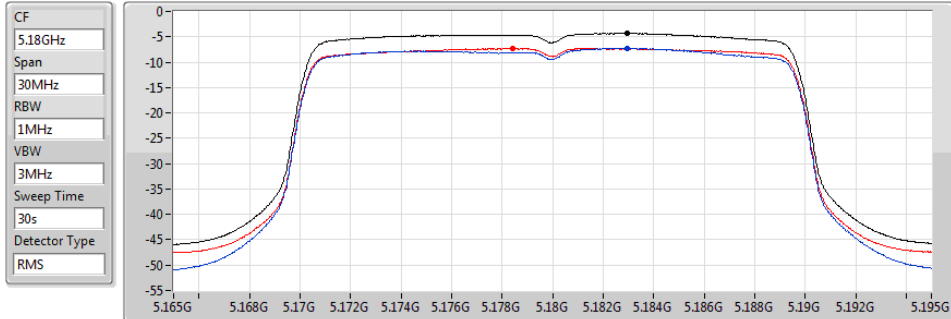
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.33     | 6.33     |          | 6.33     |

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

PSD

5180MHz

22/08/2019



Sum  
Port 1  
Port 2

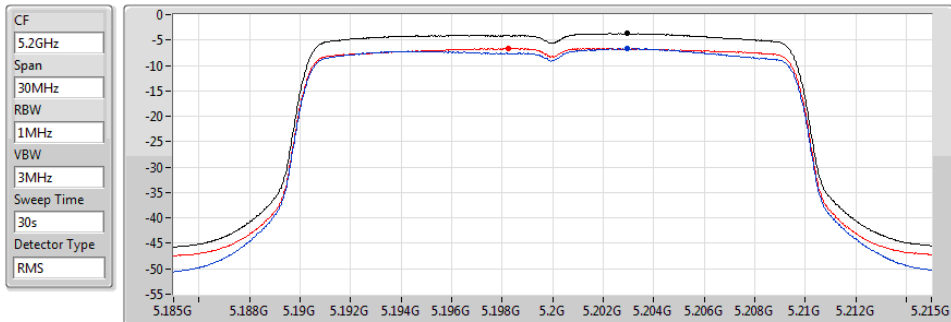
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -4.30    | -4.30    | -7.25    | -7.32    |

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

PSD

5200MHz

22/08/2019



Sum  
Port 1  
Port 2

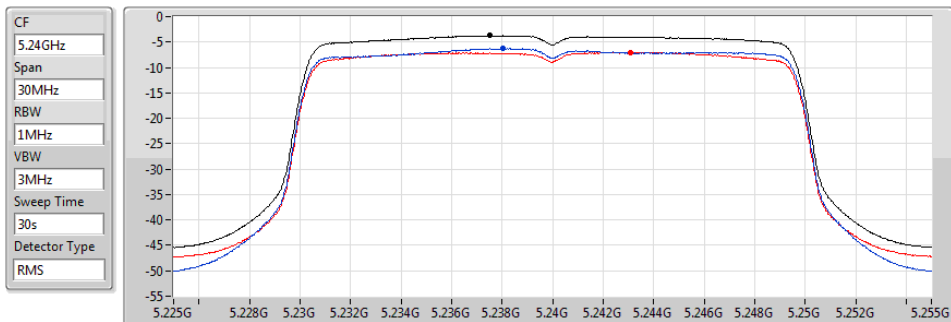
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.66    | -3.66    | -6.63    | -6.64    |

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

PSD

5240MHz

22/08/2019



Sum  
Port 1  
Port 2

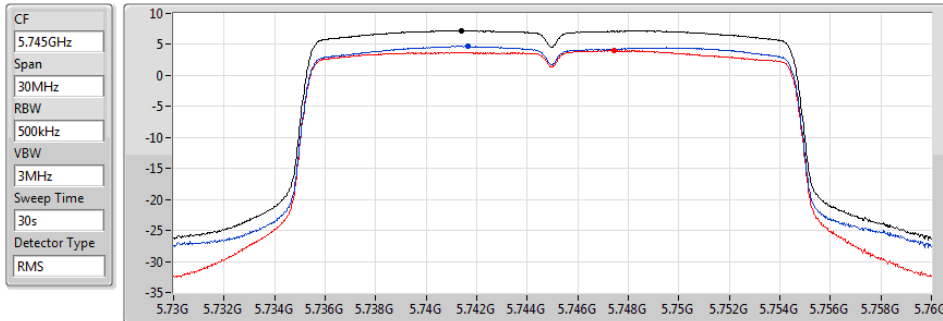
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.72    | -3.72    | -6.28    | -7.00    |

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

PSD

5745MHz

14/08/2019



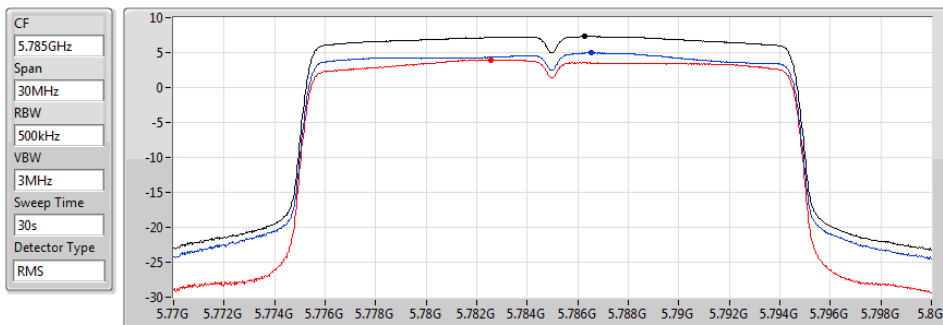
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.21      | 7.21      | 4.71      | 4.00      |

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

PSD

5785MHz

14/08/2019



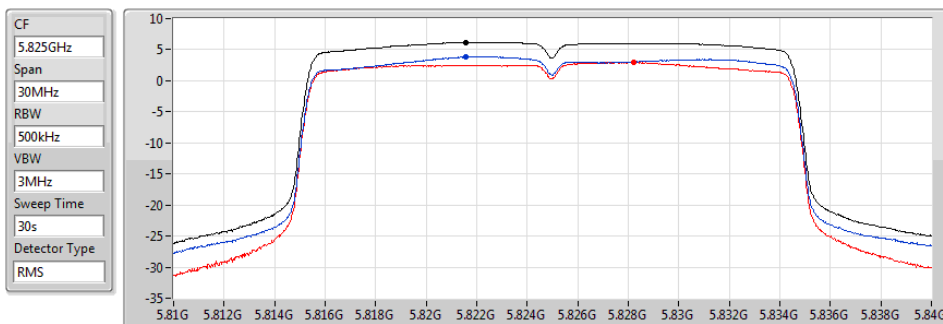
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.32      | 7.32      | 4.98      | 3.96      |

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

PSD

5825MHz

14/08/2019



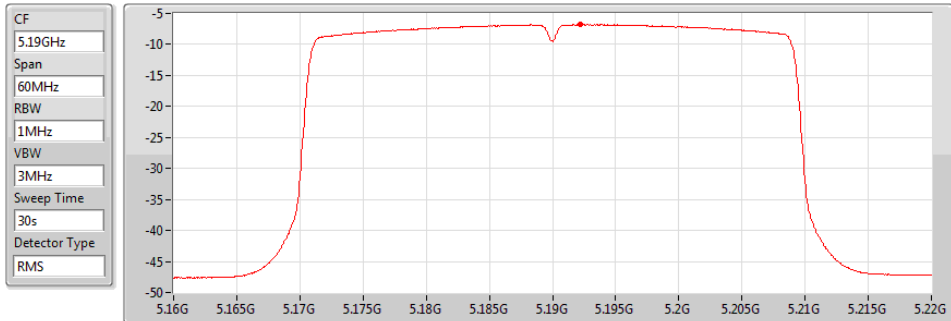
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.21      | 6.21      | 3.84      | 2.96      |

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

PSD

5190MHz

22/08/2019



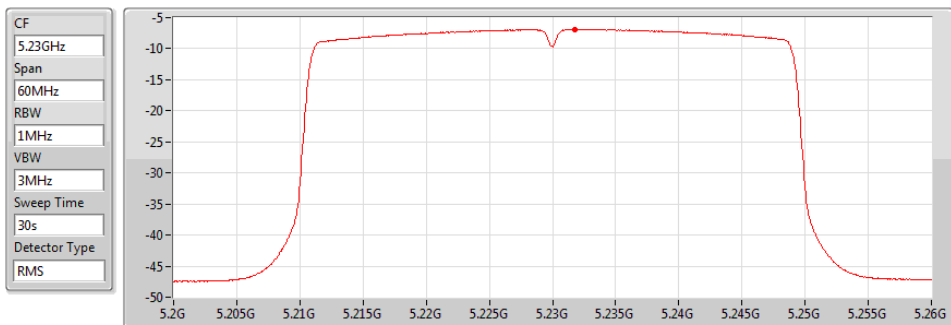
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.79    | -6.79    |          | -6.79    |

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

PSD

5230MHz

22/08/2019



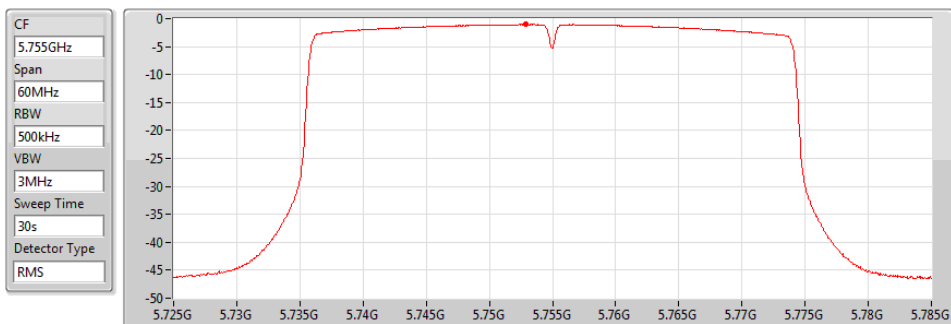
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.88    | -6.88    |          | -6.88    |

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

PSD

5755MHz

14/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.03    | -1.03    |          | -1.03    |

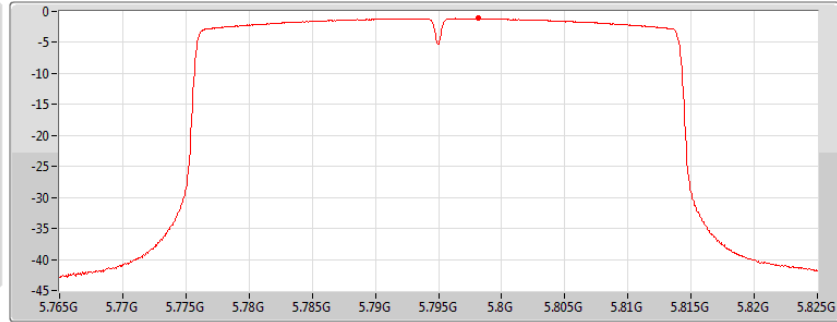
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

PSD

5795MHz

15/08/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.12    | -1.12    |          | -1.12    |

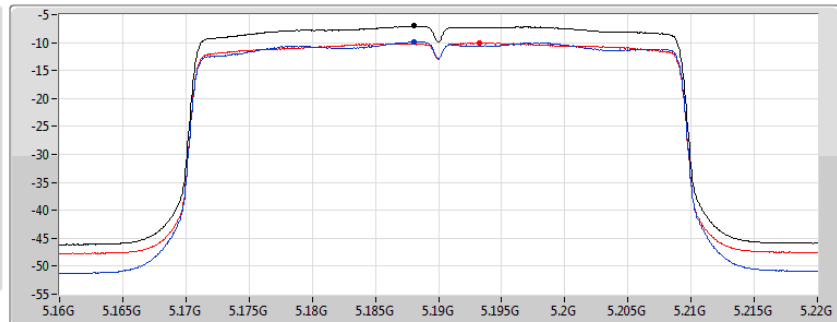
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

22/08/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -7.04    | -7.04    | -9.84    | -10.06   |

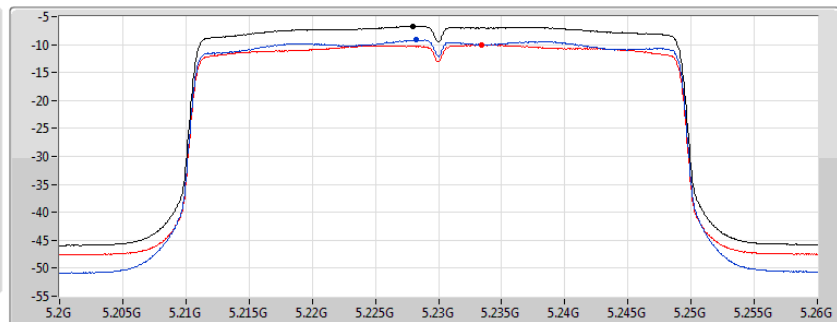
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

22/08/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
30s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

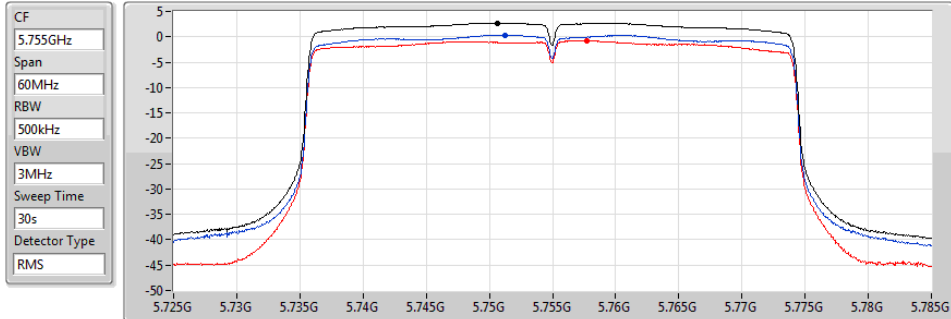
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.72    | -6.72    | -9.15    | -10.06   |

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

PSD

5755MHz

15/08/2019



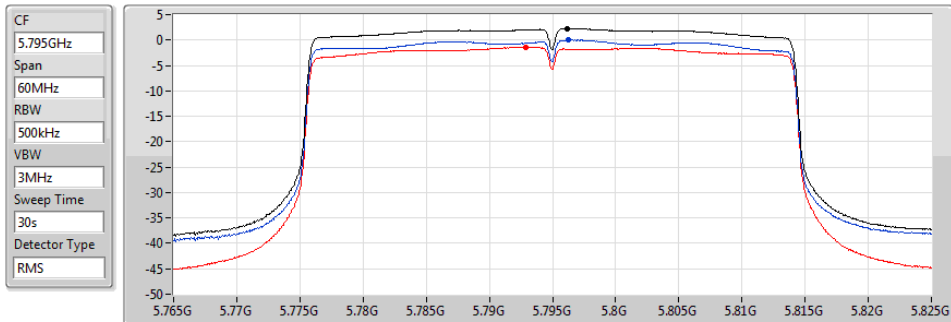
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.68     | 2.68     | 0.34     | -0.76    |

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

PSD

5795MHz

15/08/2019



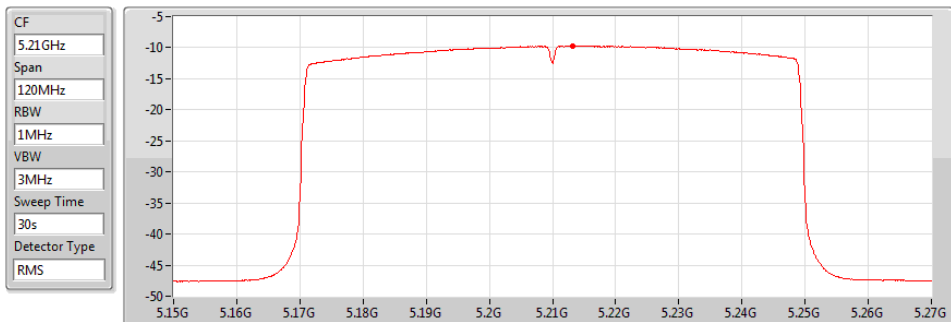
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.20     | 2.20     | -0.01    | -1.41    |

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

PSD

5210MHz

22/08/2019



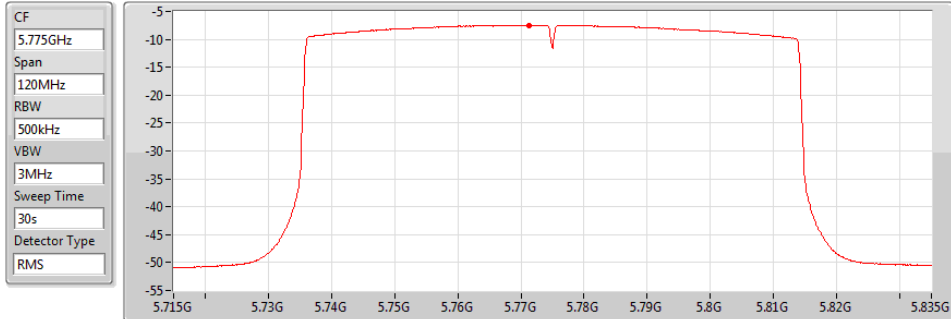
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -9.69    | -9.69    |          | -9.69    |

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

PSD

5775MHz

15/08/2019



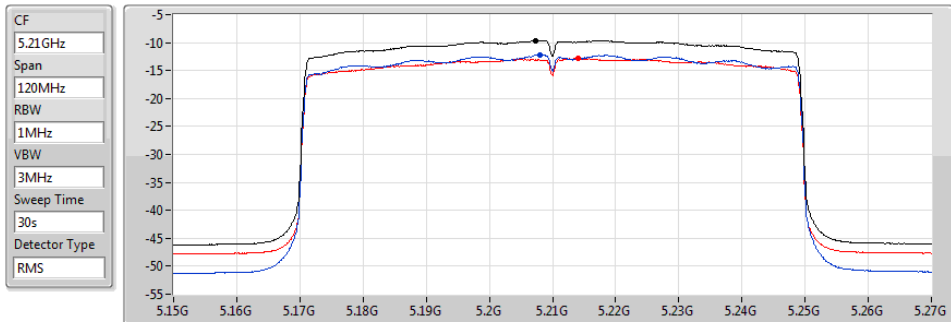
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -7.45    | -7.45    |          | -7.45    |

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

PSD

5210MHz

22/08/2019



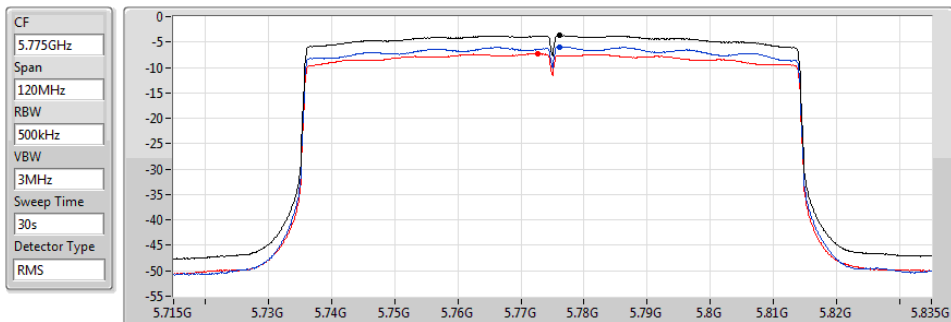
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -9.64    | -9.64    | -12.22   | -12.86   |

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

PSD

5775MHz

15/08/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.72    | -3.72    | -5.94    | -7.29    |

**Summary**

| Mode                                  | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------|-----------------|----------------------|
| 5.25-5.35GHz                          | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 3.39            | 16.39                |
| 802.11a_Nss1,(6Mbps)_2TX              | 0.84            | 16.85                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 3.17            | 16.17                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 0.93            | 16.94                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 0.14            | 13.14                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -0.17           | 15.84                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -5.73           | 7.27                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -3.34           | 12.67                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 2.99            | 15.99                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 0.79            | 16.80                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -0.22           | 12.78                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -0.18           | 15.83                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -5.59           | 7.41                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -3.22           | 12.79                |
| 5.47-5.725GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 3.42            | 16.42                |
| 802.11a_Nss1,(6Mbps)_2TX              | 0.90            | 16.91                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 3.23            | 16.23                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | 0.82            | 16.83                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | 0.71            | 13.71                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | 0.71            | 16.72                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -3.00           | 10.00                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -2.95           | 13.06                |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 3.15            | 16.15                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | 0.98            | 16.99                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | 0.59            | 13.59                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | 0.58            | 16.59                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -2.95           | 10.05                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -2.78           | 13.23                |
| 5.725-5.85GHz                         | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | 0.95            | 13.95                |
| 802.11a_Nss1,(6Mbps)_2TX              | -1.34           | 14.67                |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | 1.34            | 14.34                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -1.08           | 14.93                |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -2.33           | 10.67                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -2.16           | 13.85                |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -7.03           | 5.97                 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -6.81           | 9.20                 |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | 1.19            | 14.19                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -1.28           | 14.73                |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -2.46           | 10.54                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -2.26           | 13.75                |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -6.98           | 6.02                 |



## PSD\_Group 2

## Appendix D.4

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -6.65           | 9.36                 |

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

**Result**

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX(Port2)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 13.00       |                     | 3.09                | 3.09            | 4.00                  | 16.09                | 17.00                      |
| 5300MHz                               | Pass   | 13.00       |                     | 3.08                | 3.08            | 4.00                  | 16.08                | 17.00                      |
| 5320MHz                               | Pass   | 13.00       |                     | 3.39                | 3.39            | 4.00                  | 16.39                | 17.00                      |
| 5500MHz                               | Pass   | 13.00       |                     | 3.32                | 3.32            | 4.00                  | 16.32                | 17.00                      |
| 5580MHz                               | Pass   | 13.00       |                     | 3.42                | 3.42            | 4.00                  | 16.42                | 17.00                      |
| 5700MHz                               | Pass   | 13.00       |                     | 2.85                | 2.85            | 4.00                  | 15.85                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | 3.10                | 3.10            | 4.00                  | 16.10                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | 0.95                | 0.95            | 23.00                 | 13.95                | 36.00                      |
| 802.11a_Nss1,(6Mbps)_2TX              | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 16.01       | -2.34               | -1.97               | 0.70            | 0.99                  | 16.71                | 17.00                      |
| 5300MHz                               | Pass   | 16.01       | -2.13               | -1.95               | 0.77            | 0.99                  | 16.78                | 17.00                      |
| 5320MHz                               | Pass   | 16.01       | -1.87               | -2.21               | 0.84            | 0.99                  | 16.85                | 17.00                      |
| 5500MHz                               | Pass   | 16.01       | -1.85               | -2.38               | 0.82            | 0.99                  | 16.83                | 17.00                      |
| 5580MHz                               | Pass   | 16.01       | -1.74               | -2.51               | 0.90            | 0.99                  | 16.91                | 17.00                      |
| 5700MHz                               | Pass   | 16.01       | -2.32               | -2.23               | 0.66            | 0.99                  | 16.67                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -2.33               | -2.21               | 0.62            | 0.99                  | 16.63                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -3.98               | -4.49               | -1.34           | 19.99                 | 14.67                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 13.00       |                     | 2.22                | 2.22            | 4.00                  | 15.22                | 17.00                      |
| 5300MHz                               | Pass   | 13.00       |                     | 2.71                | 2.71            | 4.00                  | 15.71                | 17.00                      |
| 5320MHz                               | Pass   | 13.00       |                     | 3.17                | 3.17            | 4.00                  | 16.17                | 17.00                      |
| 5500MHz                               | Pass   | 13.00       |                     | 3.05                | 3.05            | 4.00                  | 16.05                | 17.00                      |
| 5580MHz                               | Pass   | 13.00       |                     | 2.73                | 2.73            | 4.00                  | 15.73                | 17.00                      |
| 5700MHz                               | Pass   | 13.00       |                     | 0.98                | 0.98            | 4.00                  | 13.98                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | 3.23                | 3.23            | 4.00                  | 16.23                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | 1.34                | 1.34            | 23.00                 | 14.34                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 16.01       | -2.10               | -1.75               | 0.93            | 0.99                  | 16.94                | 17.00                      |
| 5300MHz                               | Pass   | 16.01       | -2.45               | -2.25               | 0.59            | 0.99                  | 16.60                | 17.00                      |
| 5320MHz                               | Pass   | 16.01       | -2.15               | -2.43               | 0.57            | 0.99                  | 16.58                | 17.00                      |
| 5500MHz                               | Pass   | 16.01       | -2.12               | -2.55               | 0.63            | 0.99                  | 16.64                | 17.00                      |
| 5580MHz                               | Pass   | 16.01       | -2.16               | -2.74               | 0.54            | 0.99                  | 16.55                | 17.00                      |
| 5700MHz                               | Pass   | 16.01       | -2.22               | -1.95               | 0.82            | 0.99                  | 16.83                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -2.35               | -2.20               | 0.72            | 0.99                  | 16.73                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -3.97               | -4.20               | -1.08           | 19.99                 | 14.93                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                               | Pass   | 13.00       |                     | 0.14                | 0.14            | 4.00                  | 13.14                | 17.00                      |
| 5310MHz                               | Pass   | 13.00       |                     | -2.00               | -2.00           | 4.00                  | 11.00                | 17.00                      |
| 5510MHz                               | Pass   | 13.00       |                     | -1.63               | -1.63           | 4.00                  | 11.37                | 17.00                      |
| 5550MHz                               | Pass   | 13.00       |                     | -0.04               | -0.04           | 4.00                  | 12.96                | 17.00                      |
| 5670MHz                               | Pass   | 13.00       |                     | -0.48               | -0.48           | 4.00                  | 12.52                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | 0.71                | 0.71            | 4.00                  | 13.71                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | -2.33               | -2.33           | 23.00                 | 10.67                | 36.00                      |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ac VHT40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                               | Pass   | 16.01       | -3.27               | -3.06               | -0.18           | 0.99                  | 15.83                | 17.00                      |
| 5310MHz                               | Pass   | 16.01       | -2.84               | -2.96               | -0.17           | 0.99                  | 15.84                | 17.00                      |
| 5510MHz                               | Pass   | 16.01       | -2.83               | -3.11               | -0.01           | 0.99                  | 16.00                | 17.00                      |
| 5550MHz                               | Pass   | 16.01       | -2.89               | -3.04               | 0.02            | 0.99                  | 16.03                | 17.00                      |
| 5670MHz                               | Pass   | 16.01       | -2.81               | -3.05               | 0.01            | 0.99                  | 16.02                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -2.26               | -2.23               | 0.71            | 0.99                  | 16.72                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -4.87               | -5.41               | -2.16           | 19.99                 | 13.85                | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                               | Pass   | 13.00       |                     | -5.73               | -5.73           | 4.00                  | 7.27                 | 17.00                      |
| 5530MHz                               | Pass   | 13.00       |                     | -4.74               | -4.74           | 4.00                  | 8.26                 | 17.00                      |
| 5610MHz                               | Pass   | 13.00       |                     | -3.51               | -3.51           | 4.00                  | 9.49                 | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | -3.00               | -3.00           | 4.00                  | 10.00                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | -7.03               | -7.03           | 23.00                 | 5.97                 | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                               | Pass   | 16.01       | -6.09               | -6.20               | -3.34           | 0.99                  | 12.67                | 17.00                      |
| 5530MHz                               | Pass   | 16.01       | -6.14               | -6.37               | -3.27           | 0.99                  | 12.74                | 17.00                      |
| 5610MHz                               | Pass   | 16.01       | -6.02               | -6.52               | -3.27           | 0.99                  | 12.74                | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -5.94               | -5.92               | -2.95           | 0.99                  | 13.06                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -9.53               | -10.03              | -6.81           | 19.99                 | 9.20                 | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 13.00       |                     | 2.80                | 2.80            | 4.00                  | 15.80                | 17.00                      |
| 5300MHz                               | Pass   | 13.00       |                     | 2.68                | 2.68            | 4.00                  | 15.68                | 17.00                      |
| 5320MHz                               | Pass   | 13.00       |                     | 2.99                | 2.99            | 4.00                  | 15.99                | 17.00                      |
| 5500MHz                               | Pass   | 13.00       |                     | 2.81                | 2.81            | 4.00                  | 15.81                | 17.00                      |
| 5580MHz                               | Pass   | 13.00       |                     | 2.56                | 2.56            | 4.00                  | 15.56                | 17.00                      |
| 5700MHz                               | Pass   | 13.00       |                     | 0.73                | 0.73            | 4.00                  | 13.73                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | 3.15                | 3.15            | 4.00                  | 16.15                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | 1.19                | 1.19            | 23.00                 | 14.19                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                               | Pass   | 16.01       | -2.37               | -1.91               | 0.77            | 0.99                  | 16.78                | 17.00                      |
| 5300MHz                               | Pass   | 16.01       | -2.13               | -1.81               | 0.79            | 0.99                  | 16.80                | 17.00                      |
| 5320MHz                               | Pass   | 16.01       | -1.89               | -2.05               | 0.74            | 0.99                  | 16.75                | 17.00                      |
| 5500MHz                               | Pass   | 16.01       | -1.82               | -2.06               | 0.98            | 0.99                  | 16.99                | 17.00                      |
| 5580MHz                               | Pass   | 16.01       | -2.08               | -2.78               | 0.54            | 0.99                  | 16.55                | 17.00                      |
| 5700MHz                               | Pass   | 16.01       | -2.26               | -2.03               | 0.76            | 0.99                  | 16.77                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -2.40               | -2.20               | 0.62            | 0.99                  | 16.63                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -4.15               | -4.41               | -1.28           | 19.99                 | 14.73                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                               | Pass   | 13.00       |                     | -0.22               | -0.22           | 4.00                  | 12.78                | 17.00                      |
| 5310MHz                               | Pass   | 13.00       |                     | -2.13               | -2.13           | 4.00                  | 10.87                | 17.00                      |
| 5510MHz                               | Pass   | 13.00       |                     | -1.63               | -1.63           | 4.00                  | 11.37                | 17.00                      |
| 5550MHz                               | Pass   | 13.00       |                     | -0.11               | -0.11           | 4.00                  | 12.89                | 17.00                      |
| 5670MHz                               | Pass   | 13.00       |                     | -0.56               | -0.56           | 4.00                  | 12.44                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | 0.59                | 0.59            | 4.00                  | 13.59                | 17.00                      |

| Mode                                  | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | -2.46               | -2.46           | 23.00                 | 10.54                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                               | Pass   | 16.01       | -3.50               | -3.14               | -0.42           | 0.99                  | 15.59                | 17.00                      |
| 5310MHz                               | Pass   | 16.01       | -2.88               | -3.14               | -0.18           | 0.99                  | 15.83                | 17.00                      |
| 5510MHz                               | Pass   | 16.01       | -2.70               | -3.21               | 0.01            | 0.99                  | 16.02                | 17.00                      |
| 5550MHz                               | Pass   | 16.01       | -2.94               | -3.06               | -0.02           | 0.99                  | 15.99                | 17.00                      |
| 5670MHz                               | Pass   | 16.01       | -2.82               | -3.13               | 0.01            | 0.99                  | 16.02                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -2.33               | -2.31               | 0.58            | 0.99                  | 16.59                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -4.98               | -5.53               | -2.26           | 19.99                 | 13.75                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_1TX(Port2) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                               | Pass   | 13.00       |                     | -5.59               | -5.59           | 4.00                  | 7.41                 | 17.00                      |
| 5530MHz                               | Pass   | 13.00       |                     | -4.65               | -4.65           | 4.00                  | 8.35                 | 17.00                      |
| 5610MHz                               | Pass   | 13.00       |                     | -3.23               | -3.23           | 4.00                  | 9.77                 | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 13.00       |                     | -2.95               | -2.95           | 4.00                  | 10.05                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 13.00       |                     | -6.98               | -6.98           | 23.00                 | 6.02                 | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                               | Pass   | 16.01       | -6.03               | -6.03               | -3.22           | 0.99                  | 12.79                | 17.00                      |
| 5530MHz                               | Pass   | 16.01       | -5.95               | -6.14               | -3.07           | 0.99                  | 12.94                | 17.00                      |
| 5610MHz                               | Pass   | 16.01       | -5.93               | -6.43               | -3.20           | 0.99                  | 12.81                | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz        | Pass   | 16.01       | -5.74               | -5.76               | -2.78           | 0.99                  | 13.23                | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz        | Pass   | 16.01       | -9.37               | -9.85               | -6.65           | 19.99                 | 9.36                 | 36.00                      |

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

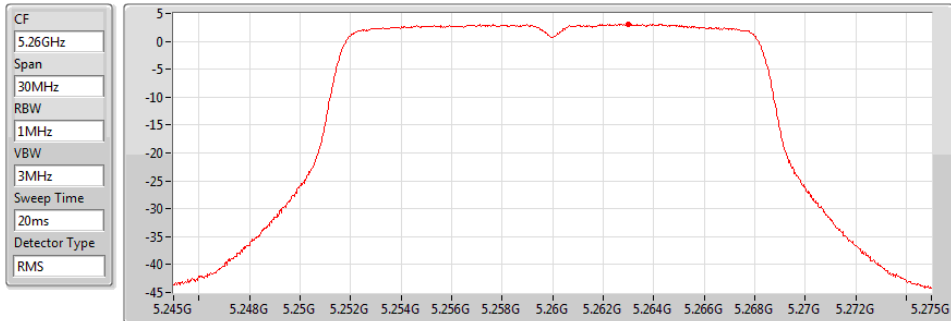
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

5260MHz

05/12/2019



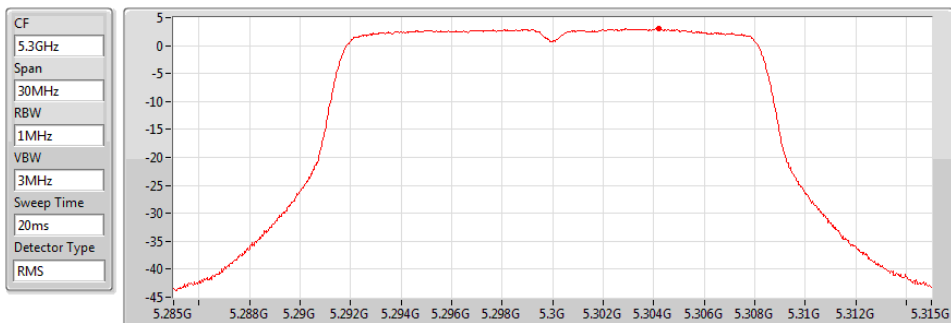
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.09      | 3.09      |           | 3.09      |

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

PSD

5300MHz

05/12/2019



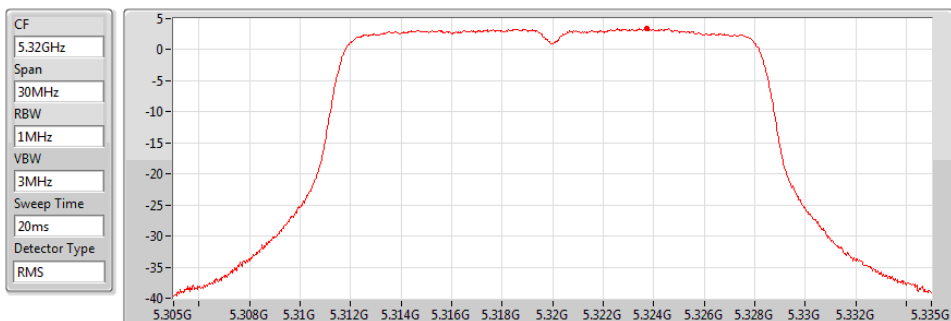
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.08      | 3.08      |           | 3.08      |

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

PSD

5320MHz

05/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.39      | 3.39      |           | 3.39      |

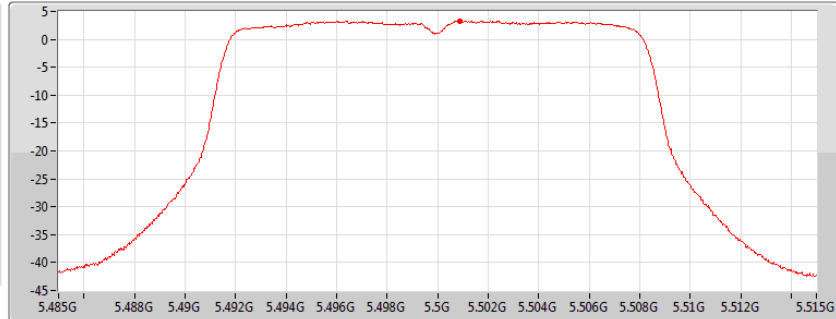
### 802.11a\_Nss1,(6Mbps)\_1TX(Port2)

PSD

5500MHz

05/12/2019

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.32     | 3.32     |          | 3.32     |

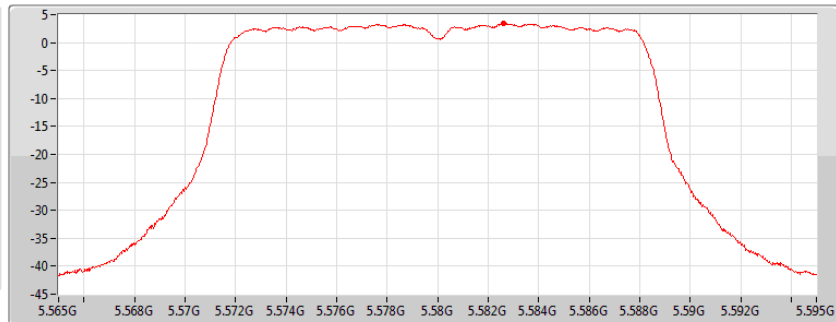
### 802.11a\_Nss1,(6Mbps)\_1TX(Port2)

PSD

5580MHz

05/12/2019

CF  
5.58GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.42     | 3.42     |          | 3.42     |

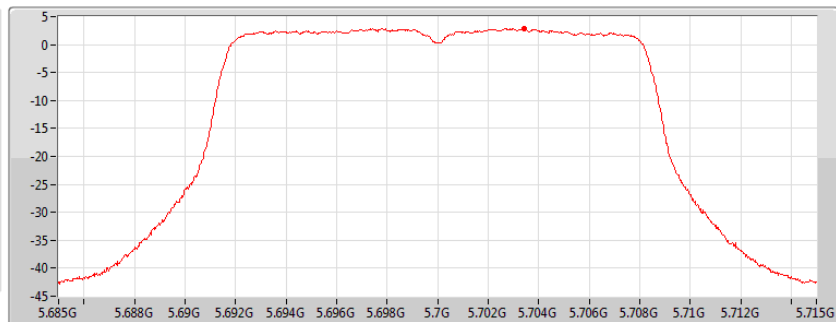
### 802.11a\_Nss1,(6Mbps)\_1TX(Port2)

PSD

5700MHz

05/12/2019

CF  
5.7GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

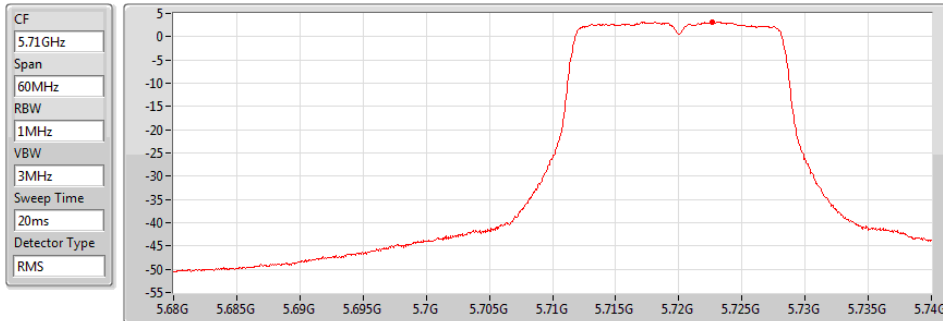
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.85     | 2.85     |          | 2.85     |

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

PSD

5720MHz Straddle 5.47-5.725GHz

05/12/2019



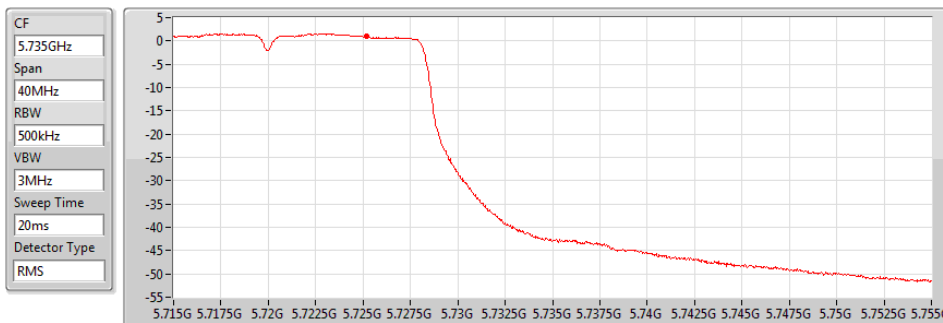
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.10      | 3.10      |           | 3.10      |

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

PSD

5720MHz Straddle 5.725-5.85GHz

05/12/2019



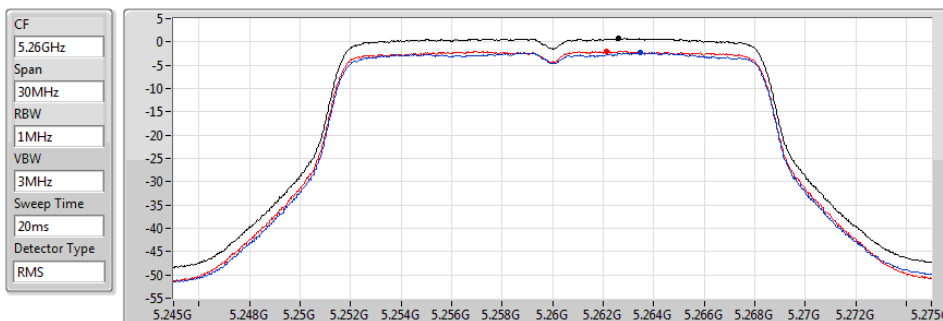
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.95      | 0.95      |           | 0.95      |

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

PSD

5260MHz

05/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.70      | 0.70      | -2.34     | -1.97     |

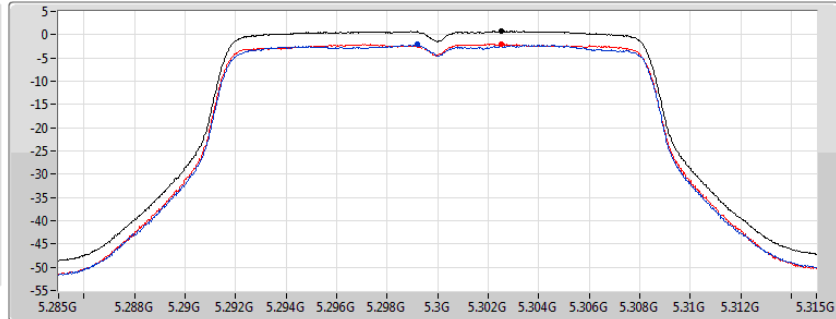
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5300MHz

05/12/2019

CF  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.77      | 0.77      | -2.13     | -1.95     |

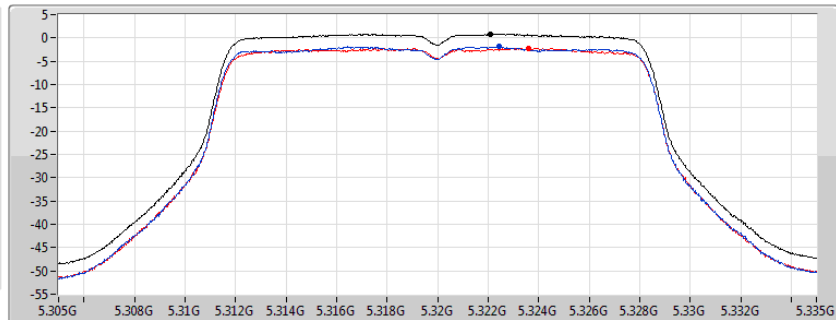
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5320MHz

05/12/2019

CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.84      | 0.84      | -1.87     | -2.21     |

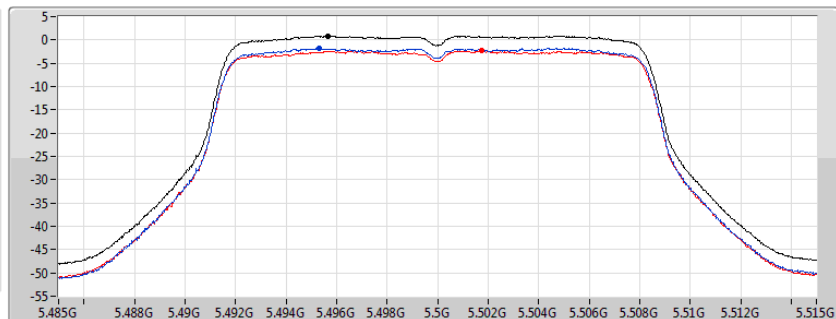
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5500MHz

05/12/2019

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

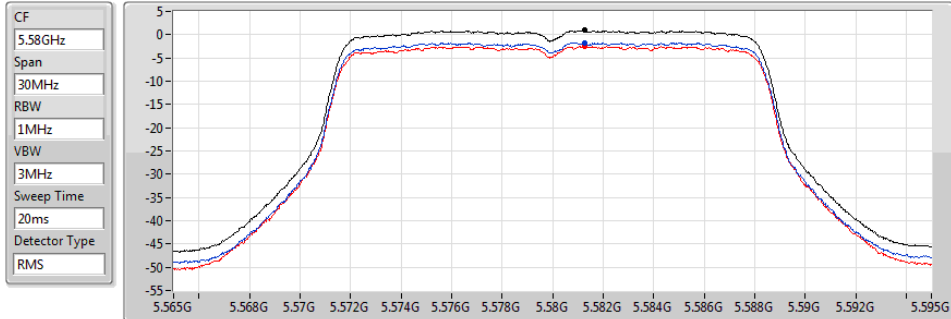
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.82      | 0.82      | -1.85     | -2.38     |

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

### PSD

5580MHz

05/12/2019



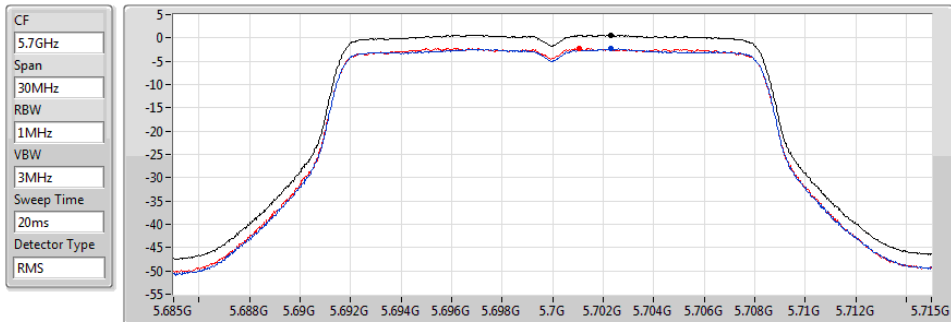
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.90     | 0.90     | -1.74    | -2.51    |

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

### PSD

5700MHz

05/12/2019



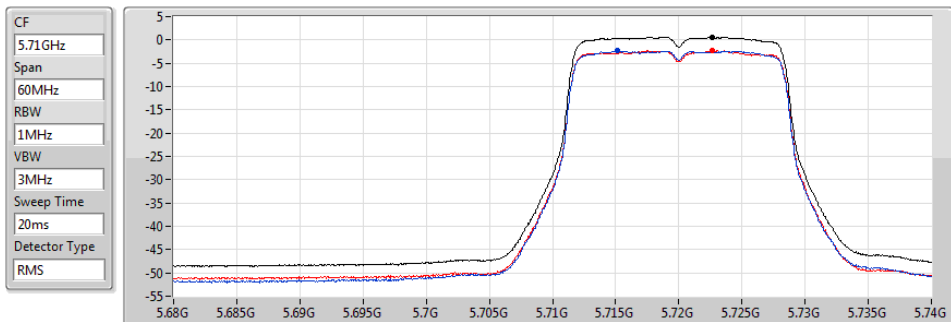
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.66     | 0.66     | -2.32    | -2.23    |

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

### PSD

5720MHz Straddle 5.47-5.725GHz

05/12/2019



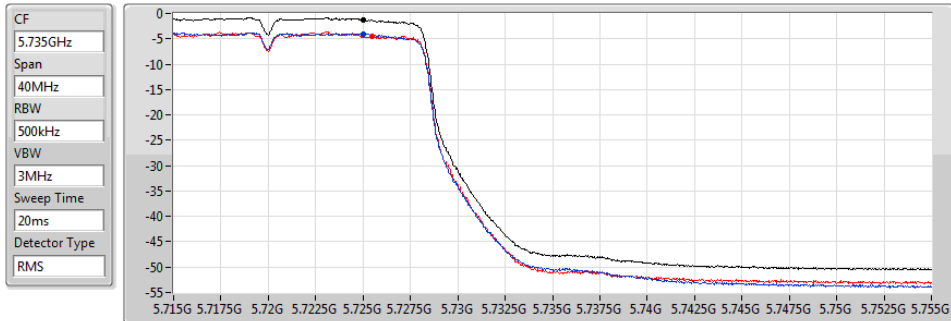
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.62     | 0.62     | -2.33    | -2.21    |

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

#### 5720MHz Straddle 5.725-5.85GHz

### PSD

05/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.34     | -1.34     | -3.98     | -4.49     |

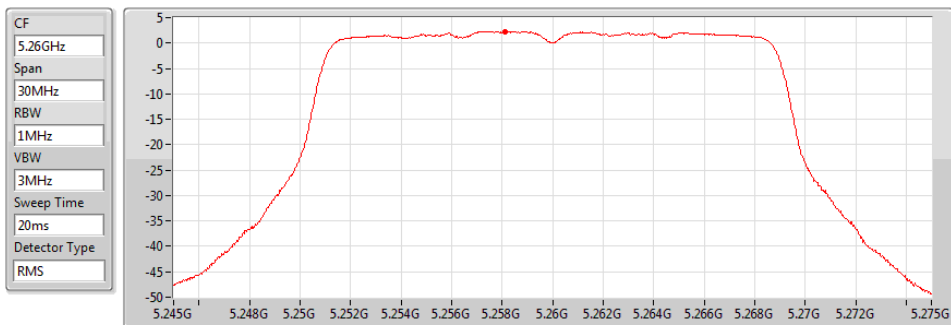
|        |                                                                                     |
|--------|-------------------------------------------------------------------------------------|
| Sum    |  |
| Port 1 |  |
| Port 2 |  |

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

#### 5260MHz

### PSD

05/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.22      | 2.22      |           | 2.22      |

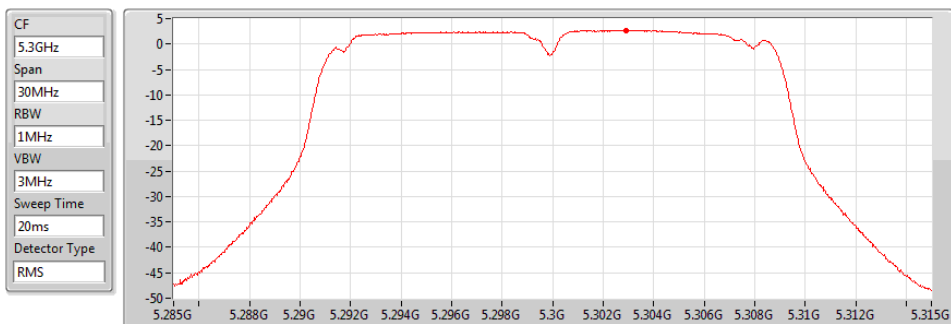
|        |                                                                                     |
|--------|-------------------------------------------------------------------------------------|
| Port 2 |  |
|--------|-------------------------------------------------------------------------------------|

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

#### 5300MHz

### PSD

05/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.71      | 2.71      |           | 2.71      |

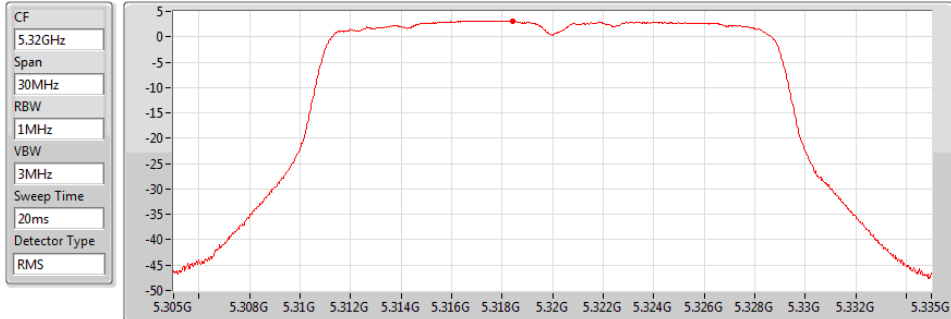
|        |                                                                                       |
|--------|---------------------------------------------------------------------------------------|
| Port 2 |  |
|--------|---------------------------------------------------------------------------------------|

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

PSD

5320MHz

06/12/2019



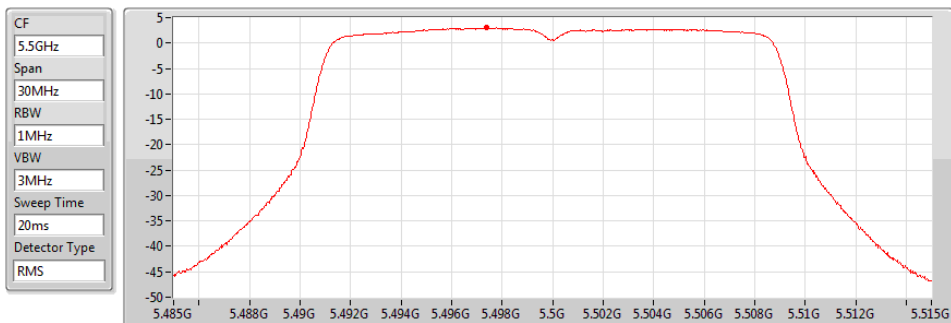
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.17     | 3.17     |          | 3.17     |

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

PSD

5500MHz

06/12/2019



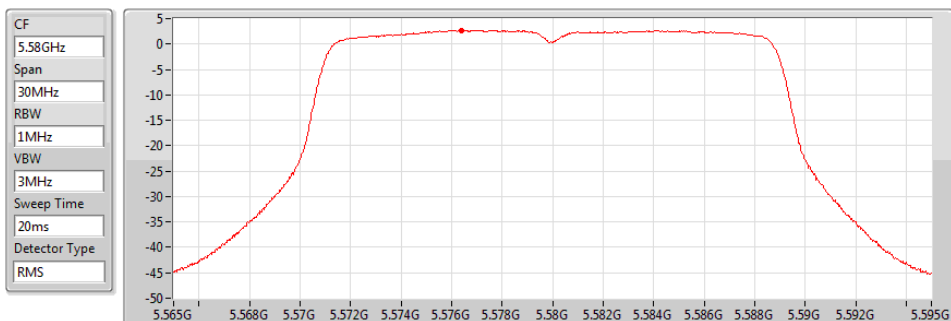
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.05     | 3.05     |          | 3.05     |

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

PSD

5580MHz

06/12/2019



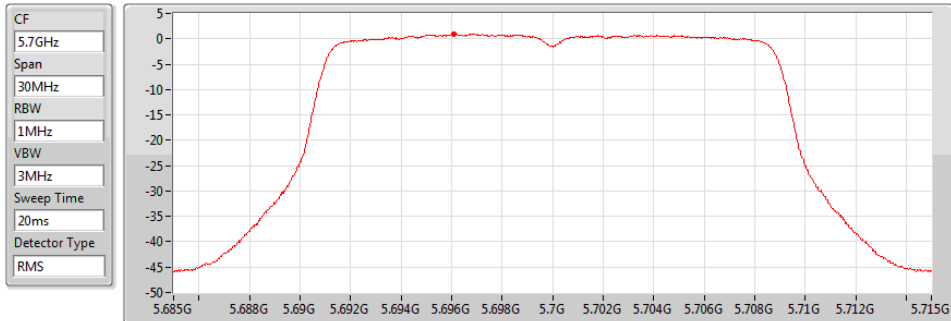
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.73     | 2.73     |          | 2.73     |

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

PSD

5700MHz

06/12/2019



Port 2

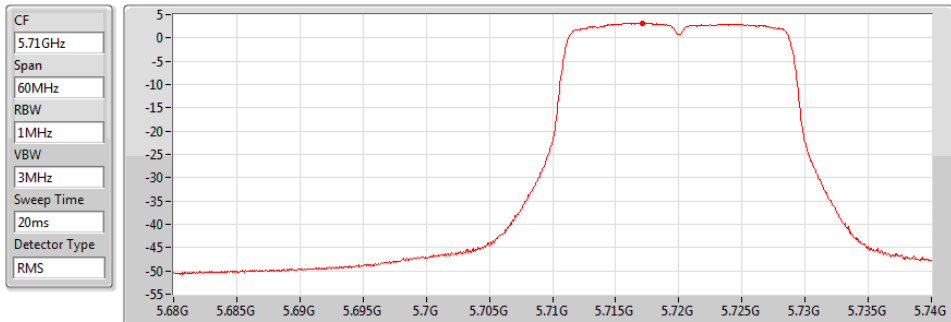
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.98      | 0.98      |           | 0.98      |

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

PSD

5720MHz Straddle 5.47-5.725GHz

06/12/2019



Port 2

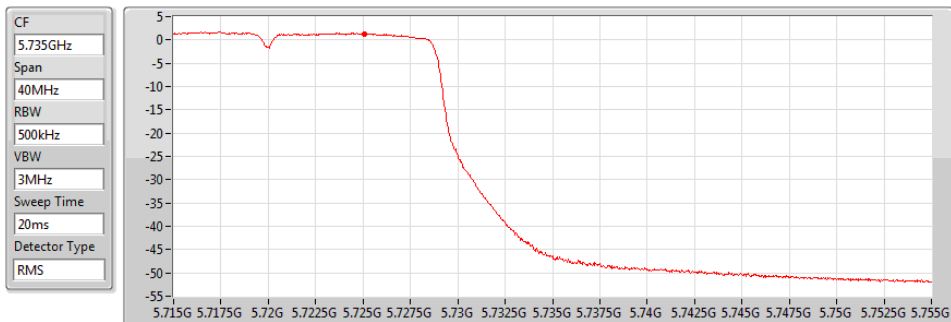
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.23      | 3.23      |           | 3.23      |

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

PSD

5720MHz Straddle 5.725-5.85GHz

06/12/2019



Port 2

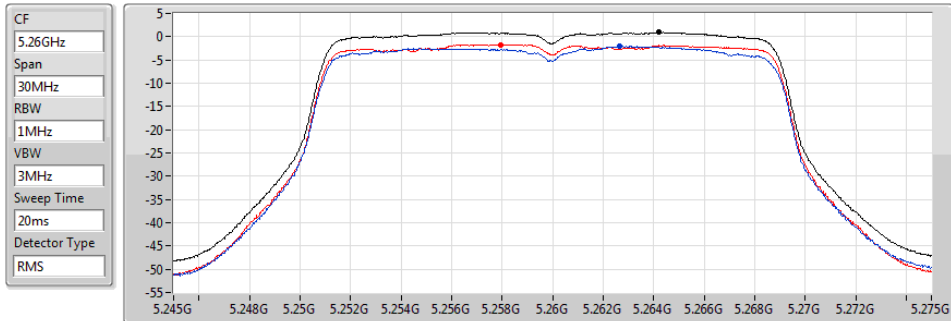
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.34      | 1.34      |           | 1.34      |

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

PSD

5260MHz

06/12/2019



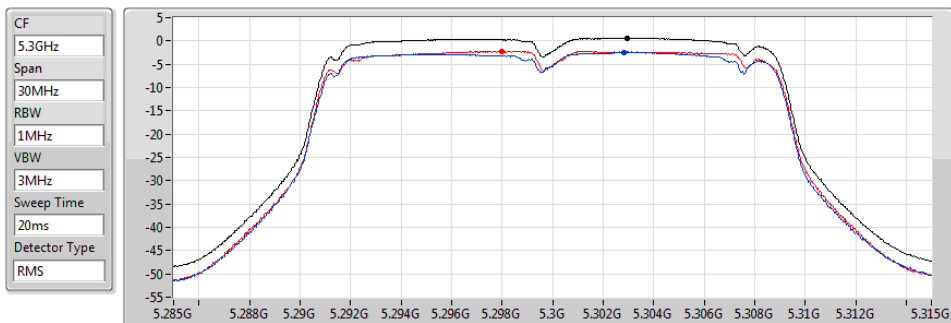
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.93      | 0.93      | -2.10     | -1.75     |

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

PSD

5300MHz

06/12/2019



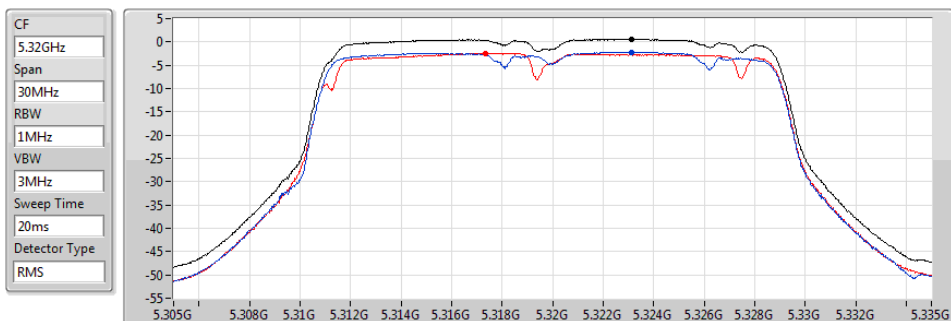
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.59      | 0.59      | -2.45     | -2.25     |

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

PSD

5320MHz

06/12/2019



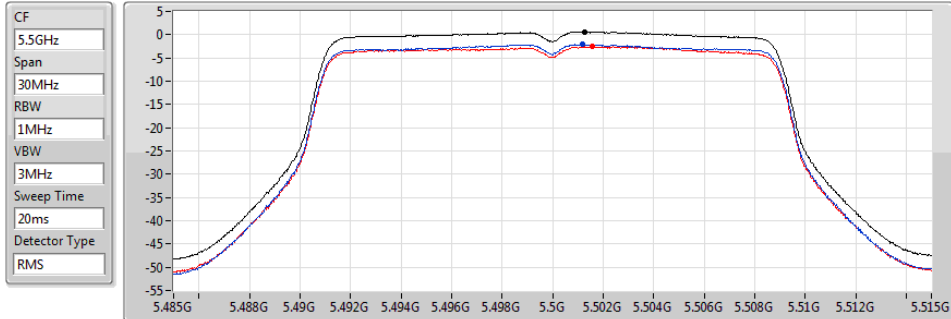
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.57      | 0.57      | -2.15     | -2.43     |

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

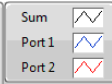
PSD

5500MHz

06/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.63      | 0.63      | -2.12     | -2.55     |

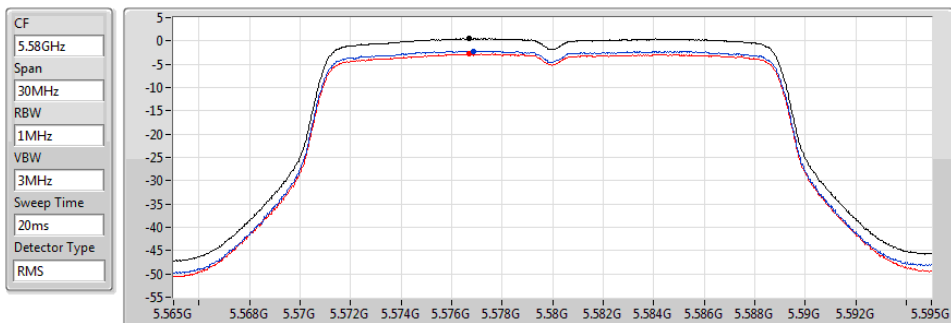


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

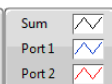
PSD

5580MHz

06/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.54      | 0.54      | -2.16     | -2.74     |

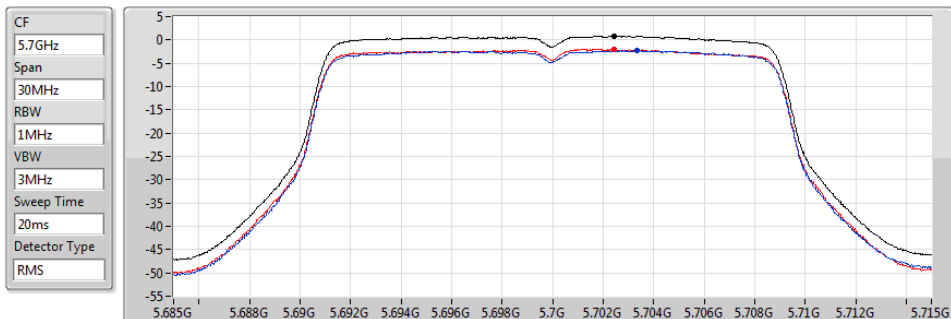


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

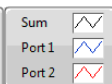
PSD

5700MHz

06/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.82      | 0.82      | -2.22     | -1.95     |

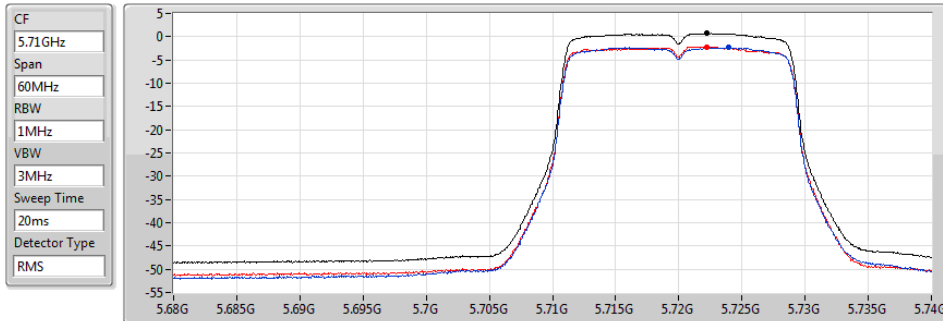


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

#### 5720MHz Straddle 5.47-5.725GHz

PSD

06/12/2019



| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 0.72         | 0.72         | -2.35        | -2.20        |

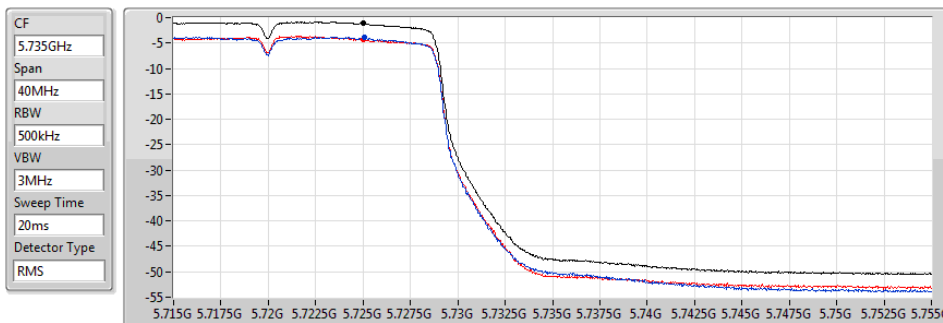
Sum  
Port 1  
Port 2

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

#### 5720MHz Straddle 5.725-5.85GHz

PSD

06/12/2019



| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -1.08        | -1.08        | -3.97        | -4.20        |

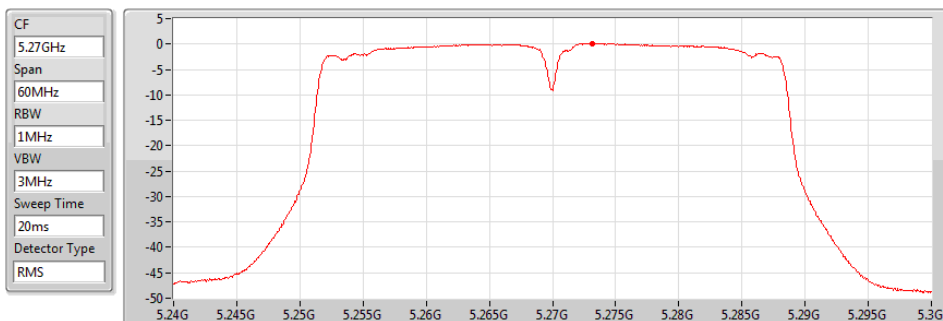
Sum  
Port 1  
Port 2

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

#### 5270MHz

PSD

06/12/2019



| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 0.14         | 0.14         |              | 0.14         |

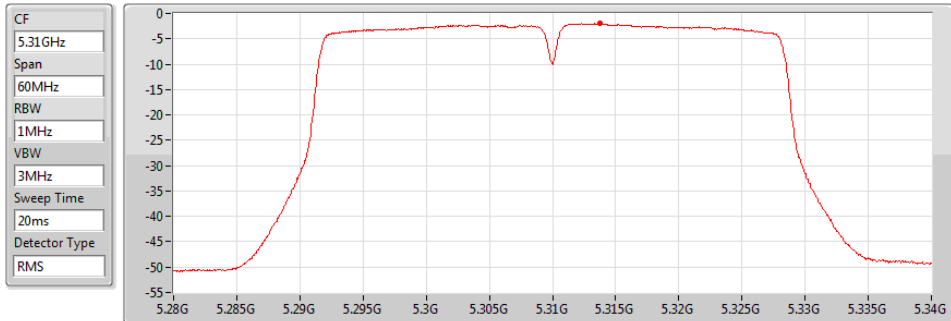
Port 2

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

PSD

5310MHz

06/12/2019



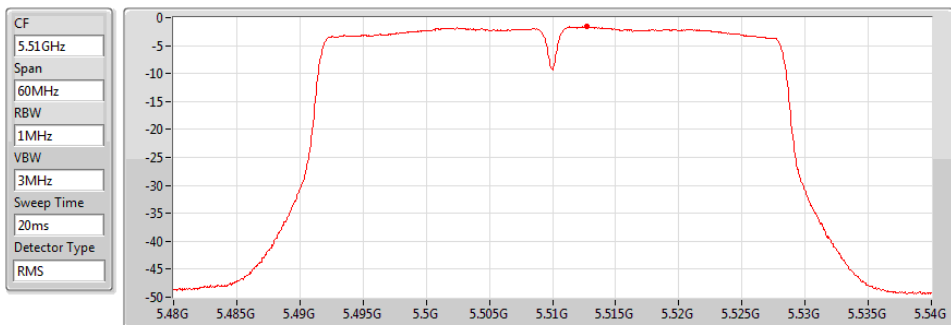
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.00    | -2.00    |          | -2.00    |

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

PSD

5510MHz

06/12/2019



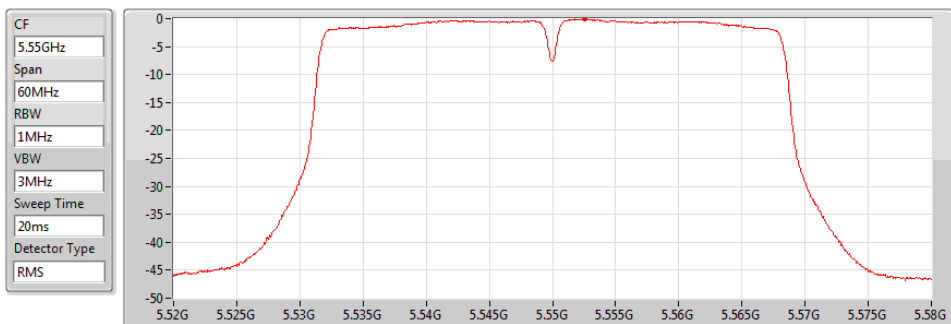
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.63    | -1.63    |          | -1.63    |

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

PSD

5550MHz

06/12/2019



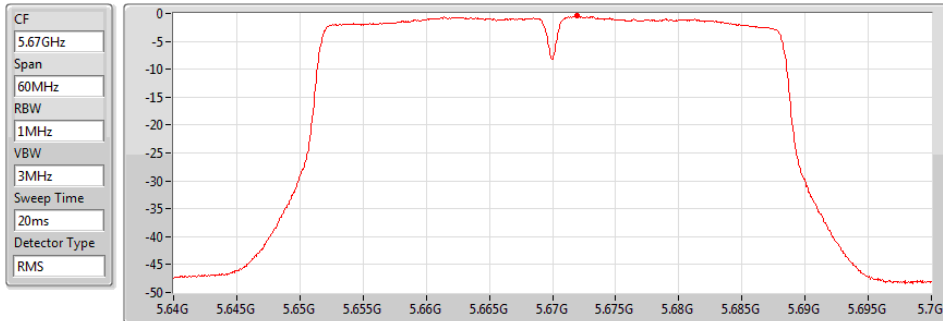
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.04    | -0.04    |          | -0.04    |

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

PSD

5670MHz

06/12/2019



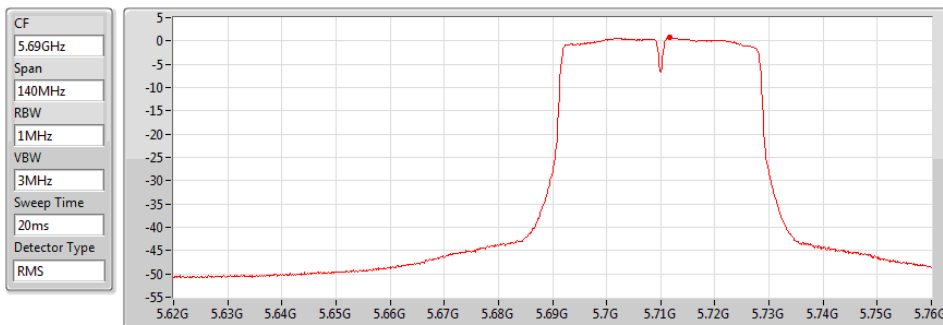
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.48    | -0.48    |          | -0.48    |

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

PSD

5710MHz Straddle 5.47-5.725GHz

06/12/2019



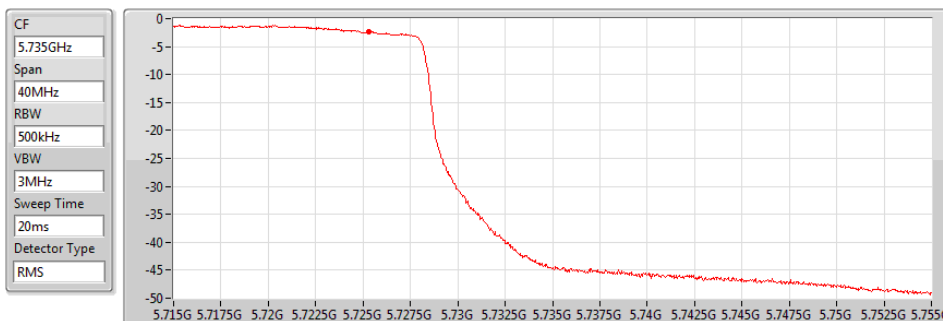
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.71     | 0.71     |          | 0.71     |

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

PSD

5710MHz Straddle 5.725-5.85GHz

06/12/2019



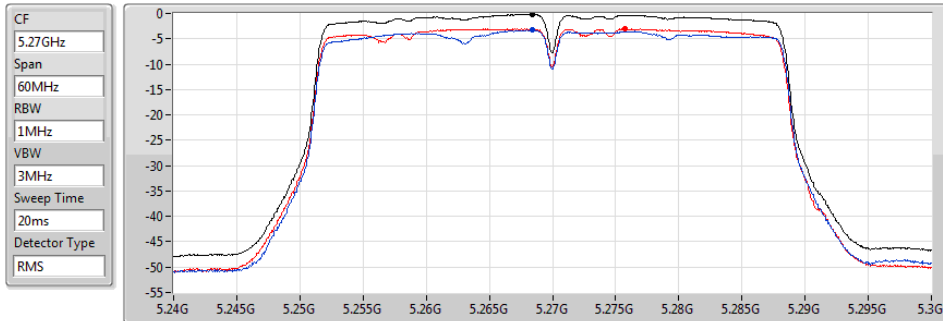
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.33    | -2.33    |          | -2.33    |

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

PSD

5270MHz

06/12/2019



Sum  
Port 1  
Port 2

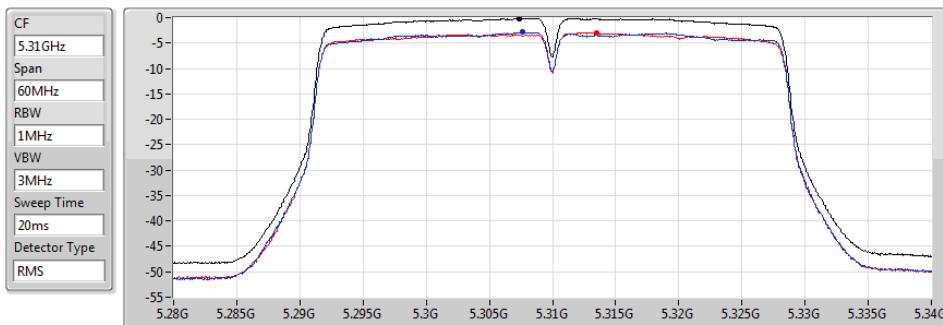
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.18    | -0.18    | -3.27    | -3.06    |

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

PSD

5310MHz

06/12/2019



Sum  
Port 1  
Port 2

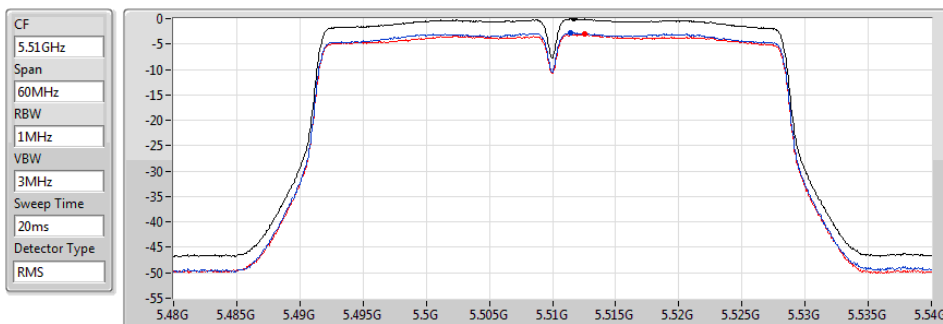
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.17    | -0.17    | -2.84    | -2.96    |

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

PSD

5510MHz

06/12/2019



Sum  
Port 1  
Port 2

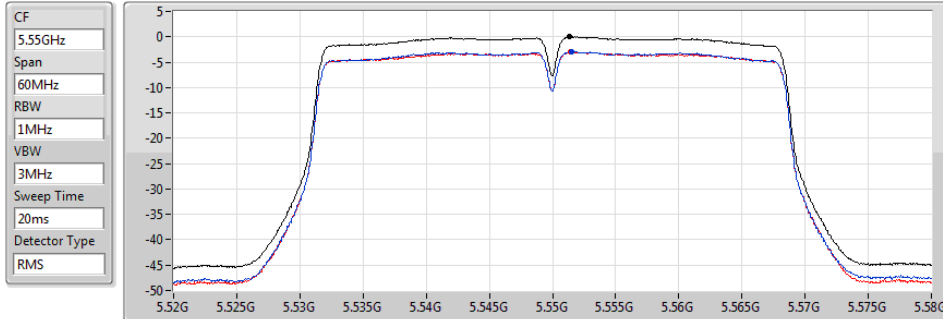
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -0.01    | -0.01    | -2.83    | -3.11    |

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

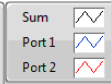
PSD

5550MHz

06/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.02     | 0.02     | -2.89    | -3.04    |

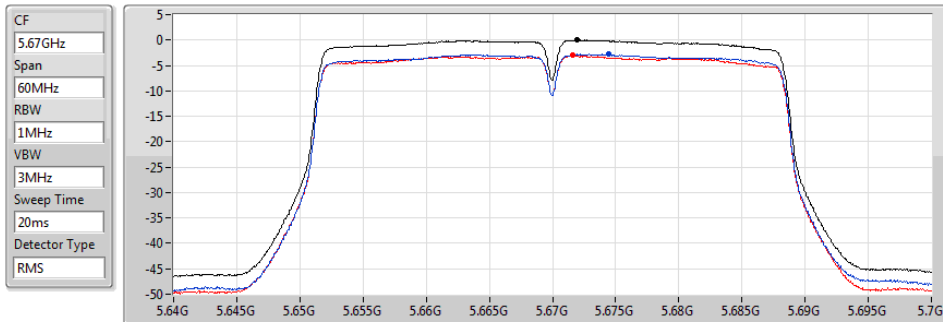


### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

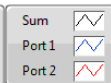
PSD

5670MHz

06/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.01     | 0.01     | -2.81    | -3.05    |

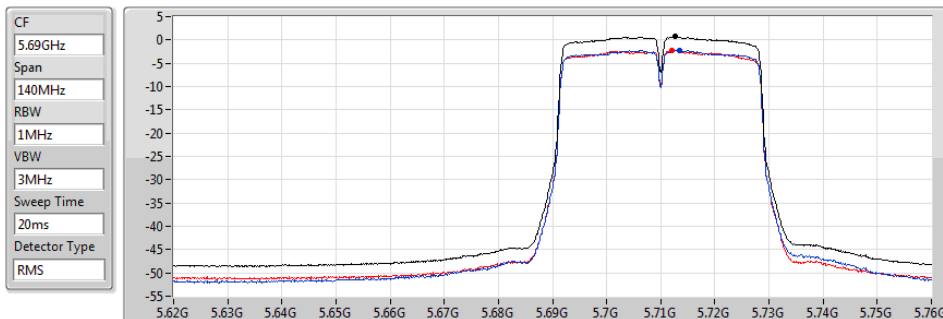


### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

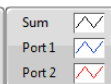
PSD

5710MHz Straddle 5.47-5.725GHz

06/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.71     | 0.71     | -2.26    | -2.23    |

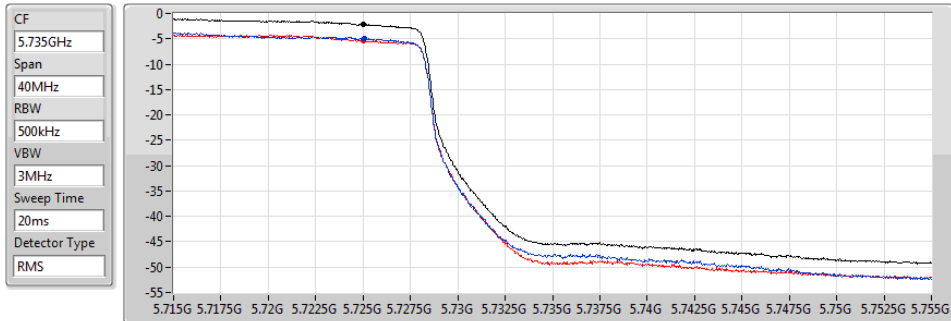


### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

06/12/2019



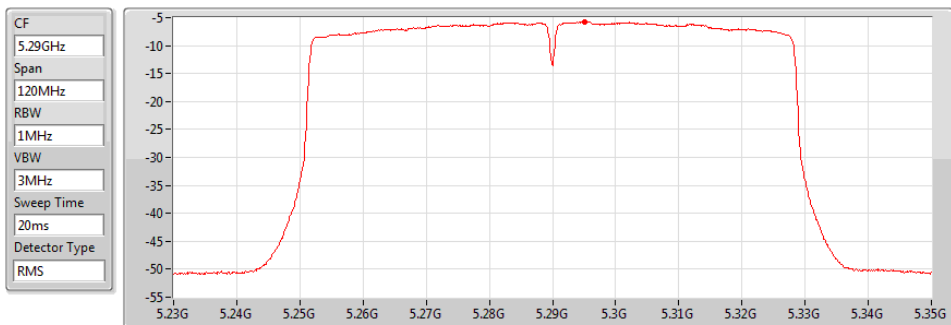
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.16     | -2.16     | -4.87     | -5.41     |

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

5290MHz

PSD

06/12/2019



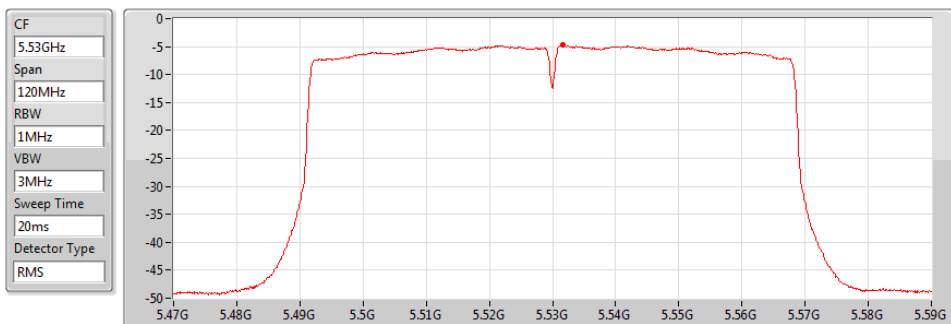
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.73     | -5.73     |           | -5.73     |

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

5530MHz

PSD

06/12/2019



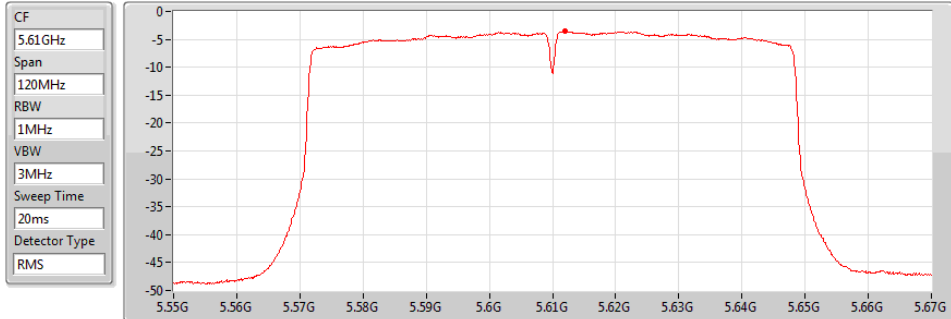
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.74     | -4.74     |           | -4.74     |

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

PSD

5610MHz

06/12/2019



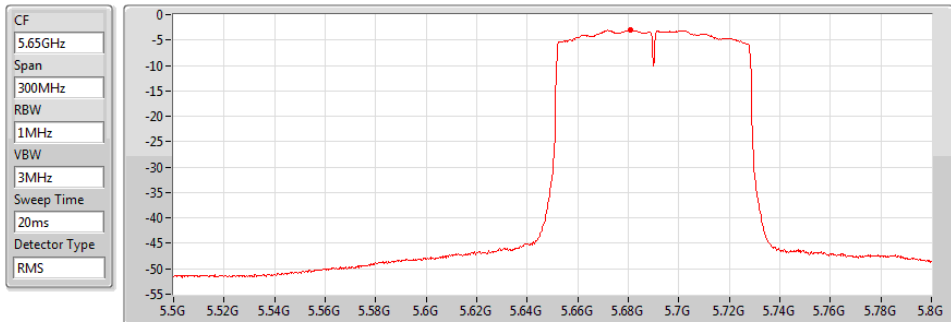
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.51    | -3.51    |          | -3.51    |

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

PSD

5690MHz Straddle 5.47-5.725GHz

06/12/2019



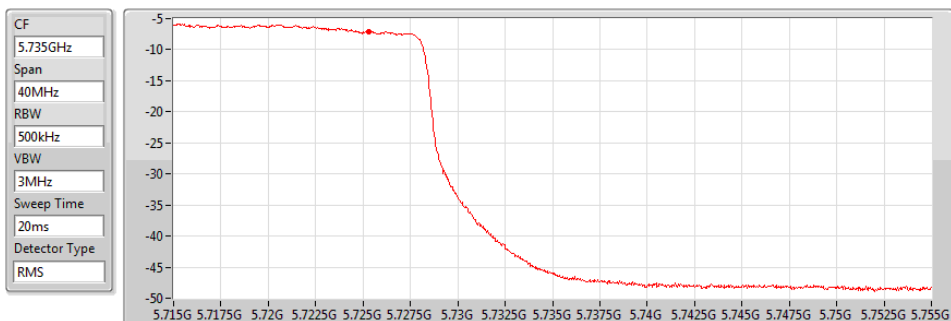
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.00    | -3.00    |          | -3.00    |

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

PSD

5690MHz Straddle 5.725-5.85GHz

06/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -7.03    | -7.03    |          | -7.03    |

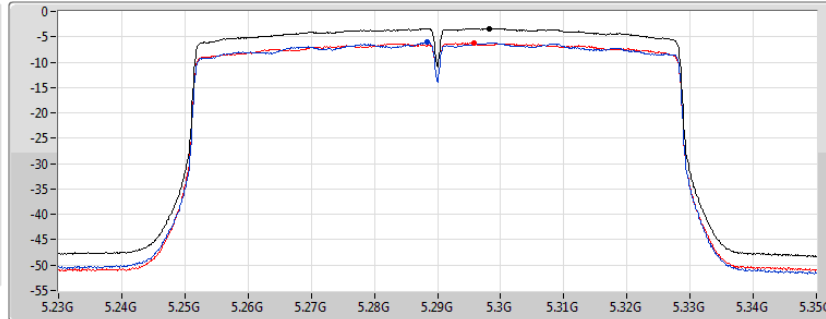
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5290MHz

06/12/2019

CF  
5.29GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.34     | -3.34     | -6.09     | -6.20     |

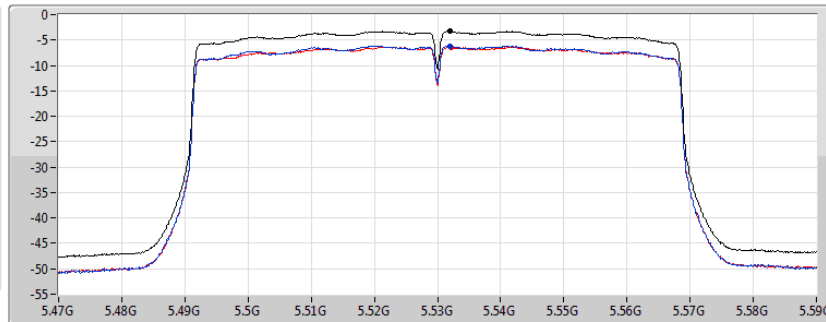
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5530MHz

06/12/2019

CF  
5.53GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.27     | -3.27     | -6.14     | -6.37     |

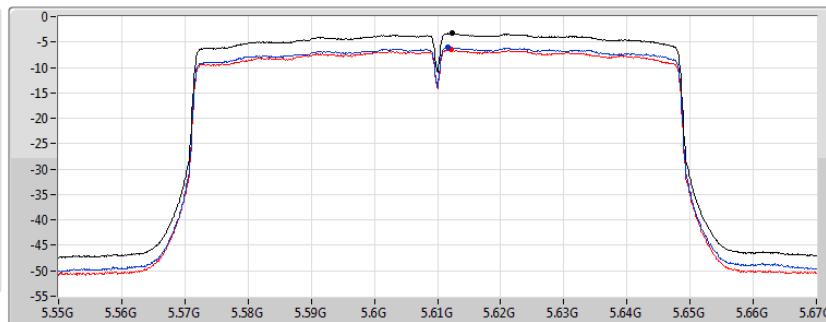
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5610MHz

06/12/2019

CF  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

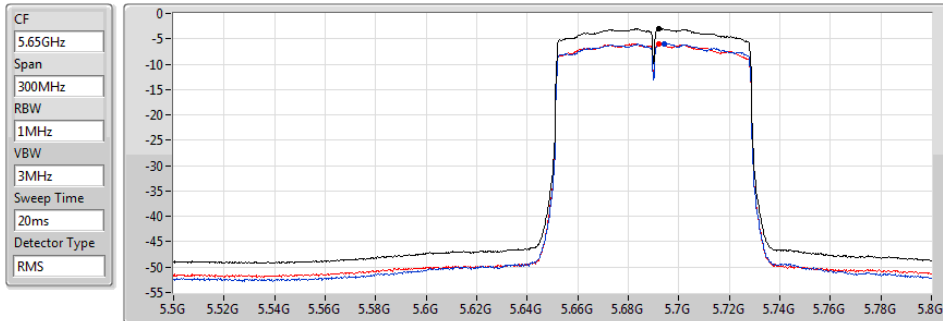
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.27     | -3.27     | -6.02     | -6.52     |

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

#### 5690MHz Straddle 5.47-5.725GHz

PSD

06/12/2019



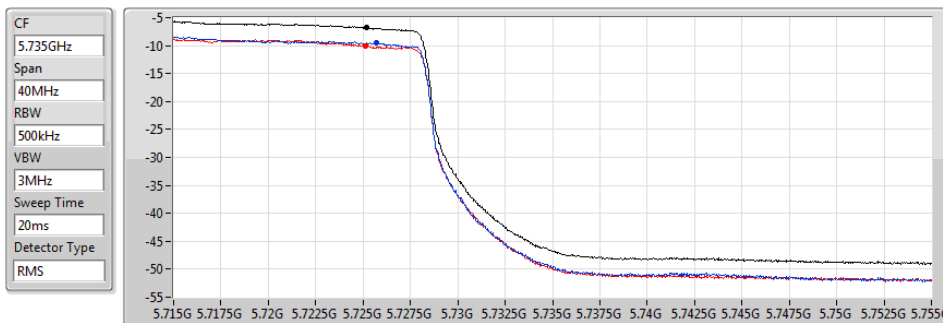
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.95    | -2.95    | -5.94    | -5.92    |

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

#### 5690MHz Straddle 5.725-5.85GHz

PSD

06/12/2019



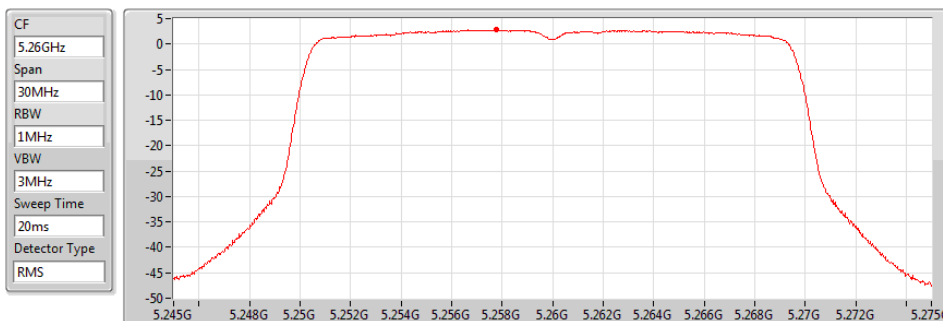
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -6.81    | -6.81    | -9.53    | -10.03   |

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

#### 5260MHz

PSD

05/12/2019



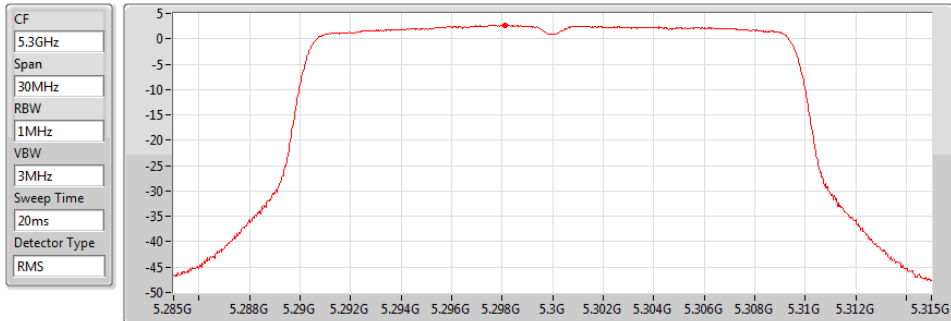
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.80     | 2.80     |          | 2.80     |

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

PSD

5300MHz

05/12/2019



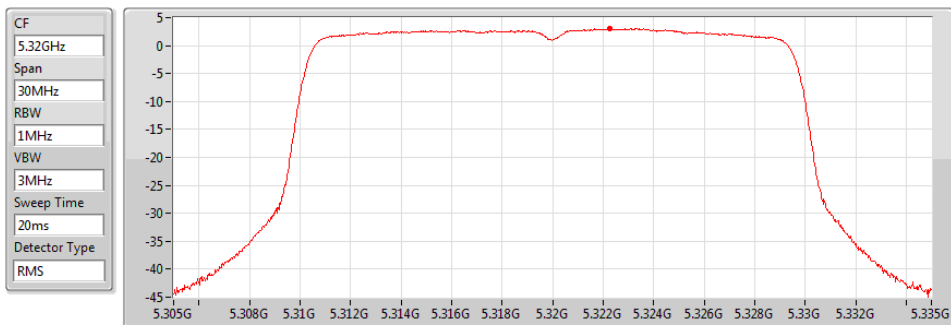
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.68     | 2.68     |          | 2.68     |

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

PSD

5320MHz

05/12/2019



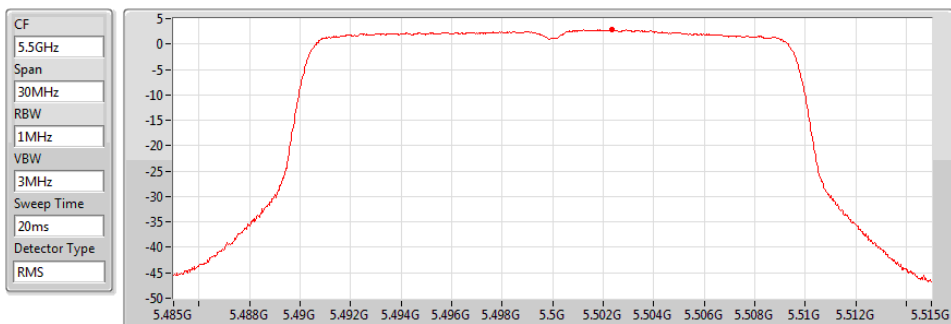
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.99     | 2.99     |          | 2.99     |

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

PSD

5500MHz

05/12/2019



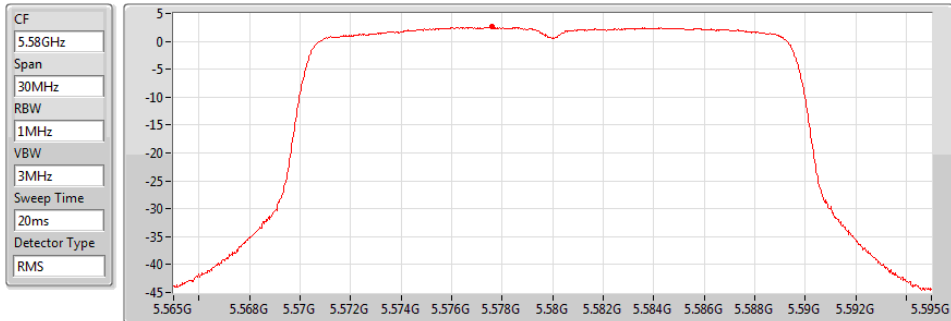
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.81     | 2.81     |          | 2.81     |

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

PSD

5580MHz

05/12/2019



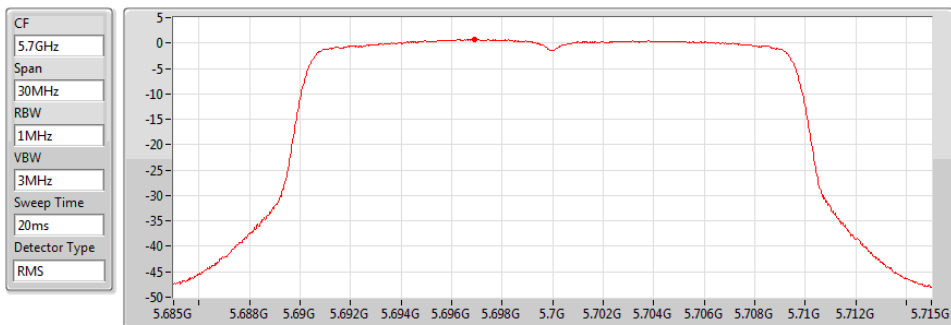
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.56     | 2.56     |          | 2.56     |

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

PSD

5700MHz

05/12/2019



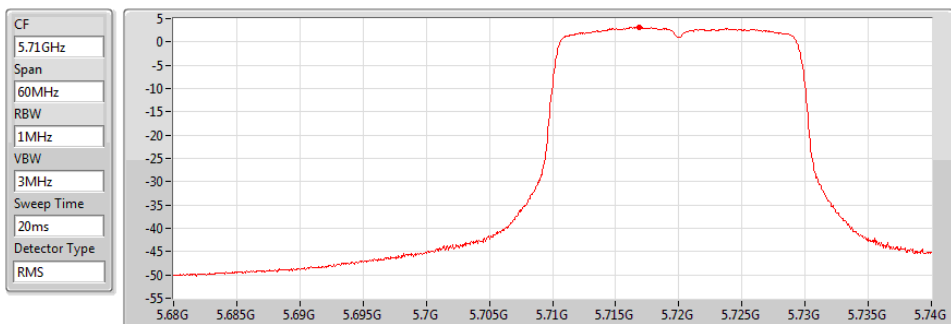
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.73     | 0.73     |          | 0.73     |

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

PSD

5720MHz Straddle 5.47-5.725GHz

05/12/2019



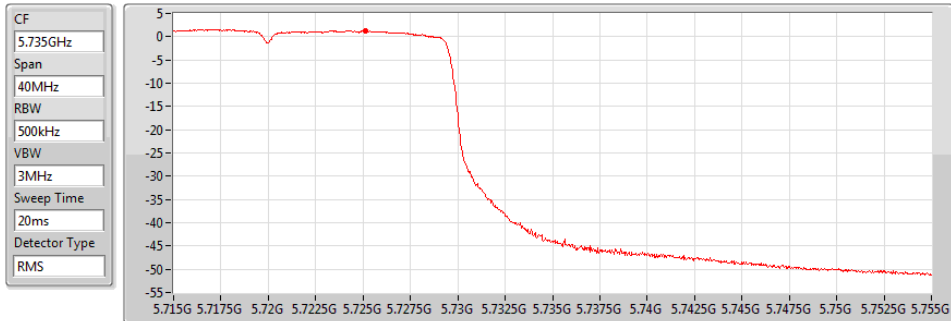
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.15     | 3.15     |          | 3.15     |

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

PSD

5720MHz Straddle 5.725-5.85GHz

05/12/2019



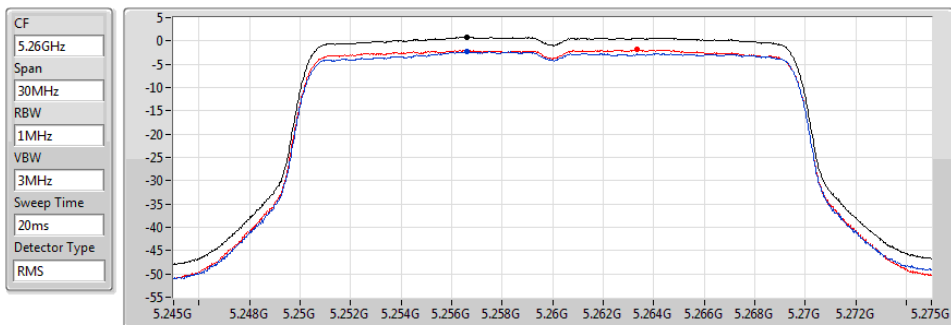
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.19      | 1.19      |           | 1.19      |

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

PSD

5260MHz

05/12/2019



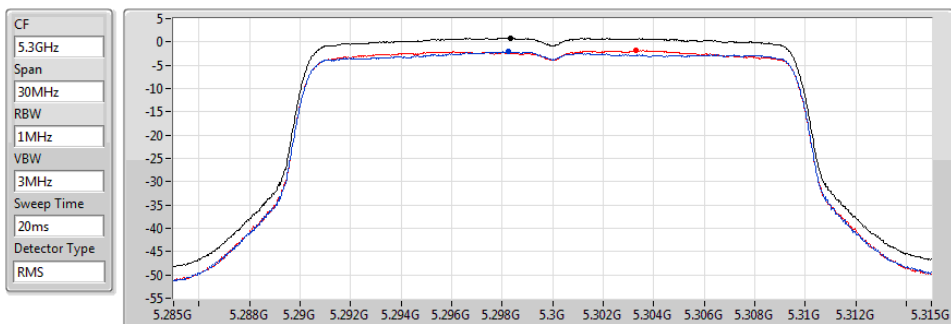
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.77      | 0.77      | -2.37     | -1.91     |

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

PSD

5300MHz

05/12/2019



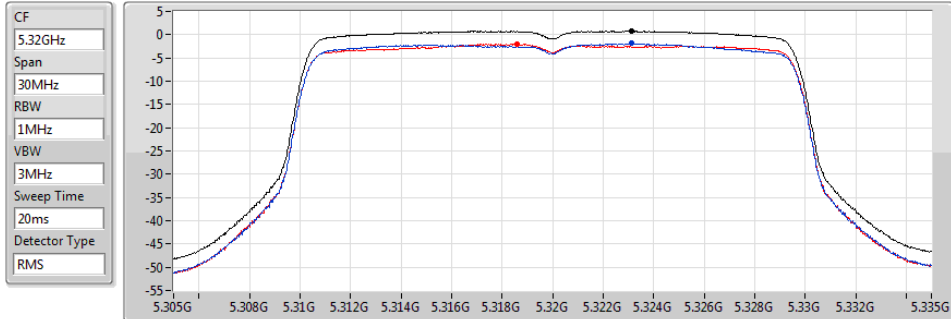
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.79      | 0.79      | -2.13     | -1.81     |

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

PSD

5320MHz

05/12/2019



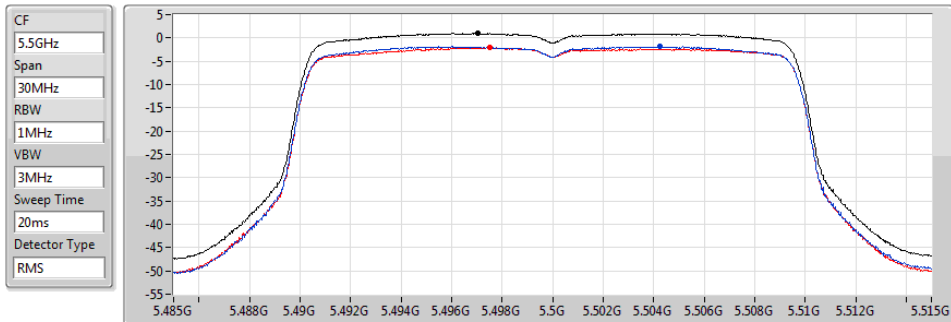
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.74      | 0.74      | -1.89     | -2.05     |

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

PSD

5500MHz

05/12/2019



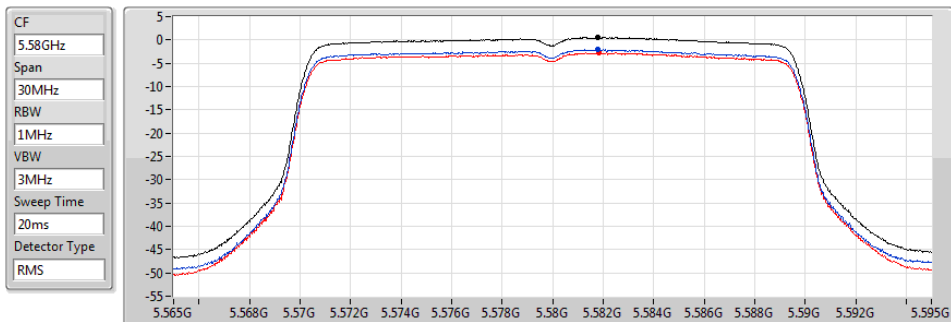
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.98      | 0.98      | -1.82     | -2.06     |

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

PSD

5580MHz

05/12/2019



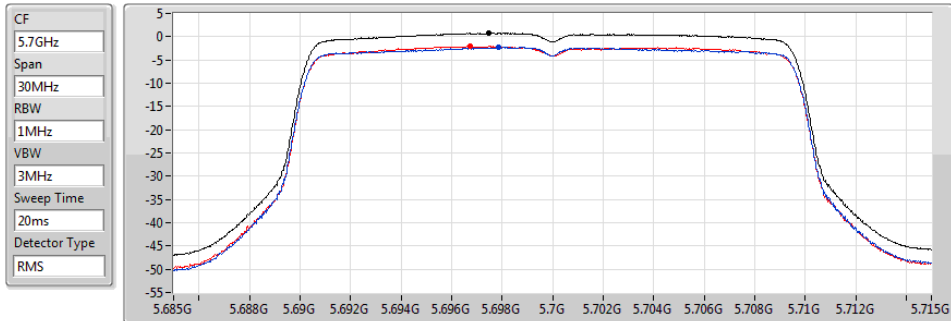
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.54      | 0.54      | -2.08     | -2.78     |

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

PSD

5700MHz

05/12/2019



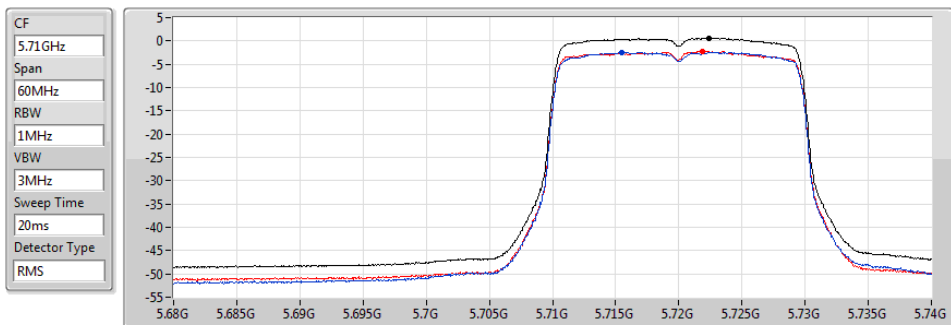
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.76     | 0.76     | -2.26    | -2.03    |

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

PSD

5720MHz Straddle 5.47-5.725GHz

05/12/2019



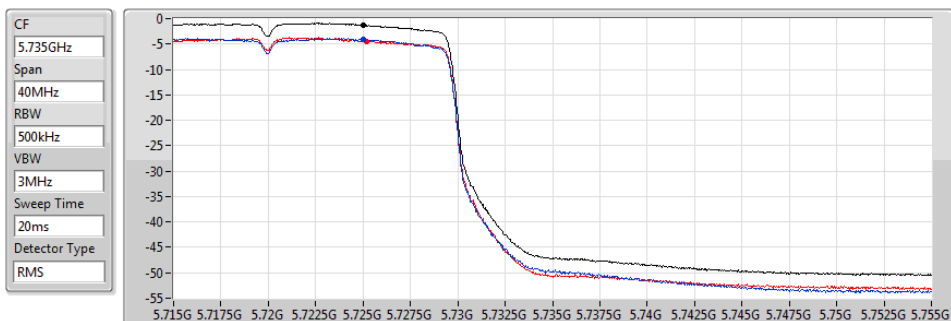
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.62     | 0.62     | -2.40    | -2.20    |

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

PSD

5720MHz Straddle 5.725-5.85GHz

05/12/2019



| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -1.28    | -1.28    | -4.15    | -4.41    |

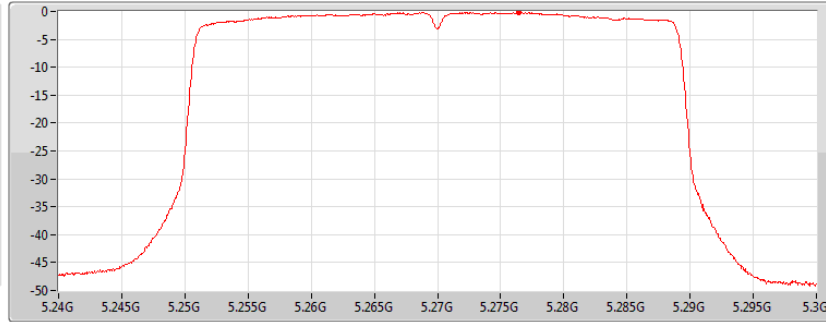
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

PSD

5270MHz

06/12/2019

CF  
5.27GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.22     | -0.22     |           | -0.22     |

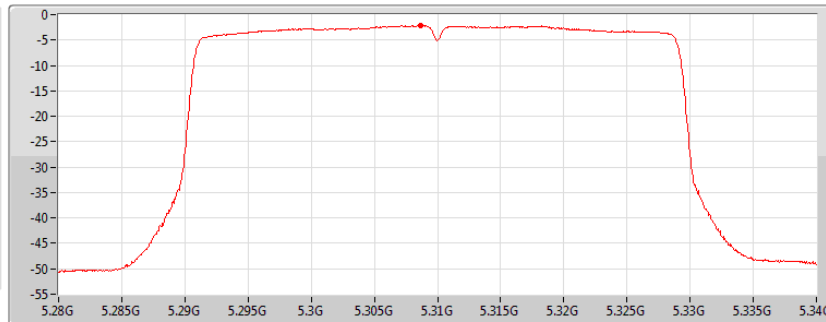
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

PSD

5310MHz

06/12/2019

CF  
5.31GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.13     | -2.13     |           | -2.13     |

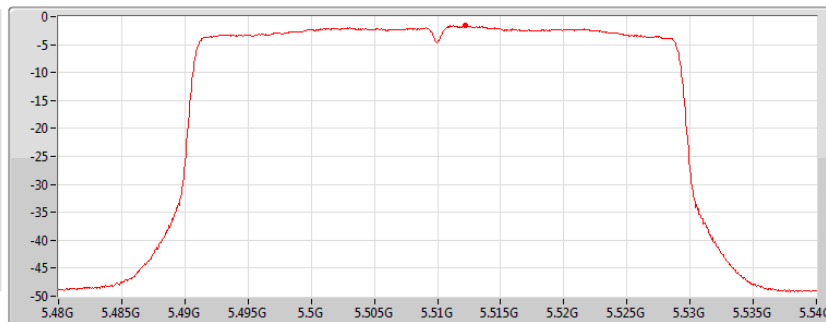
### 802.11ax HEW40\_Nss1,(MCS0)\_1TX(Port2)

PSD

5510MHz

06/12/2019

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 2

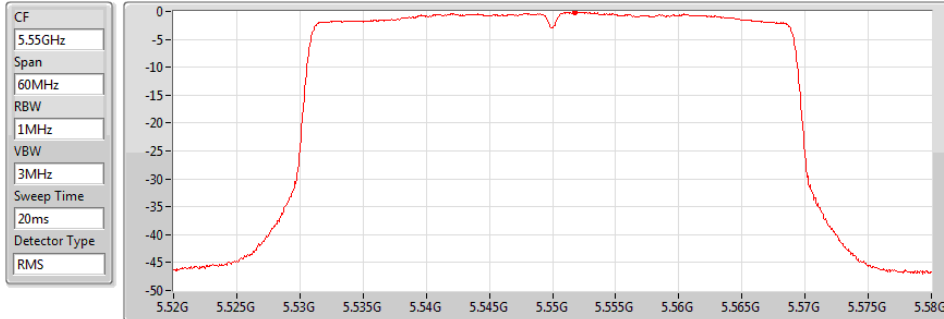
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.63     | -1.63     |           | -1.63     |

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

PSD

5550MHz

06/12/2019



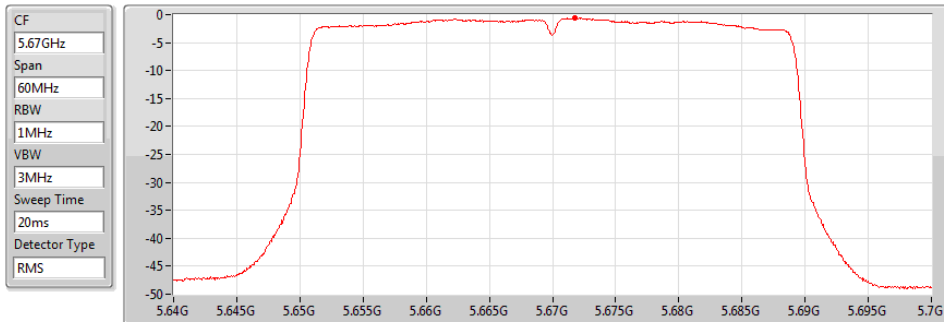
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.11     | -0.11     |           | -0.11     |

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

PSD

5670MHz

06/12/2019



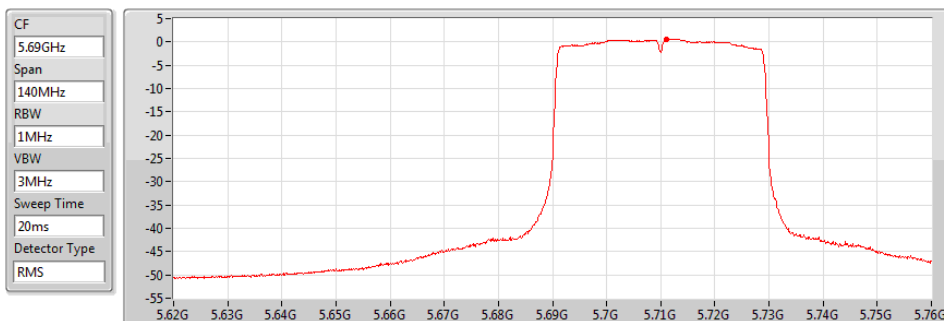
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.56     | -0.56     |           | -0.56     |

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

PSD

5710MHz Straddle 5.47-5.725GHz

06/12/2019



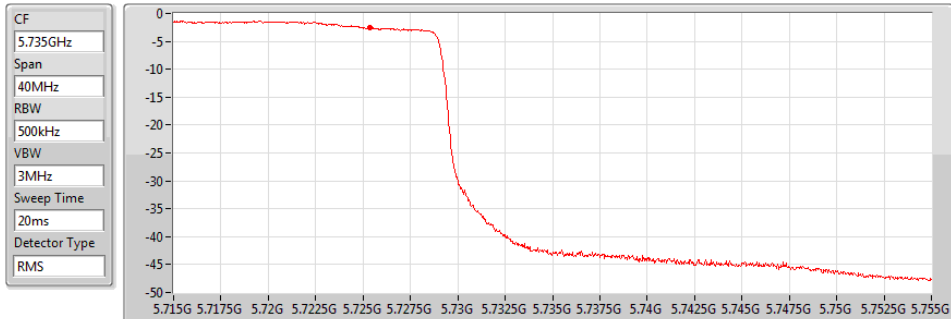
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.59      | 0.59      |           | 0.59      |

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

PSD

5710MHz Straddle 5.725-5.85GHz

06/12/2019

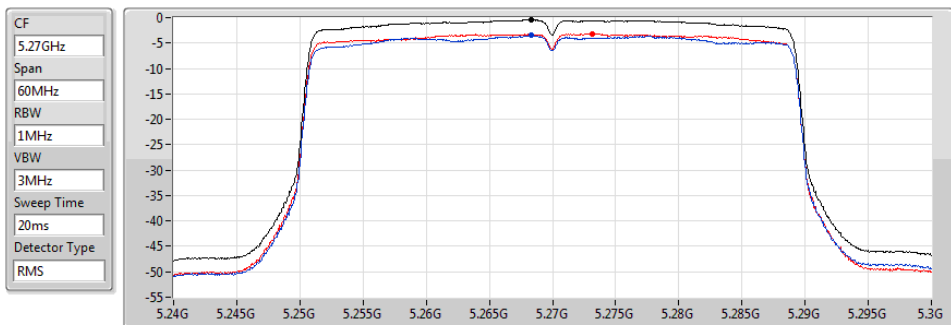


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5270MHz

06/12/2019

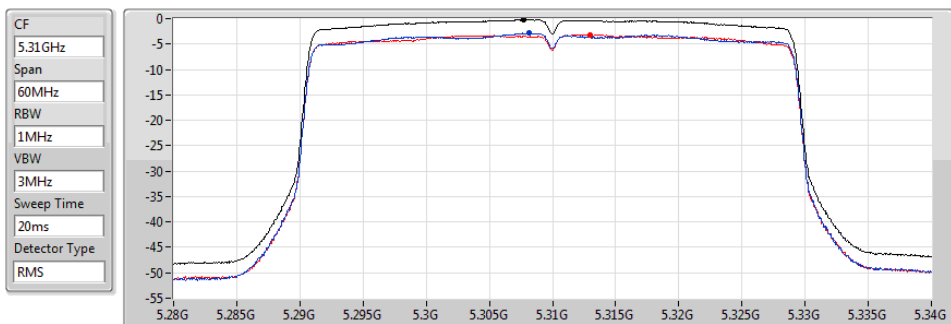


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5310MHz

06/12/2019

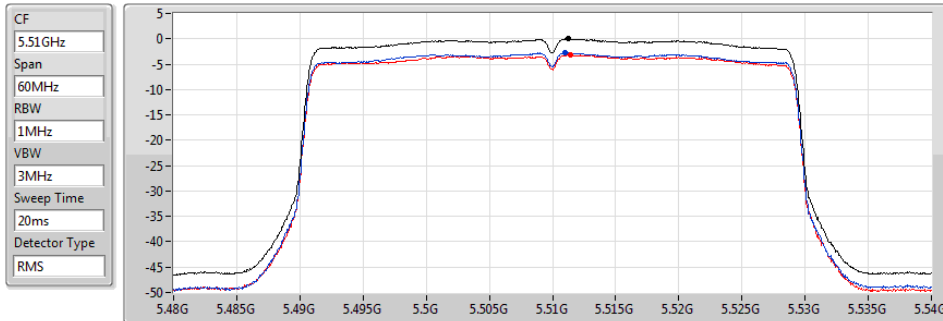


### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5510MHz

06/12/2019



Sum  
Port 1  
Port 2

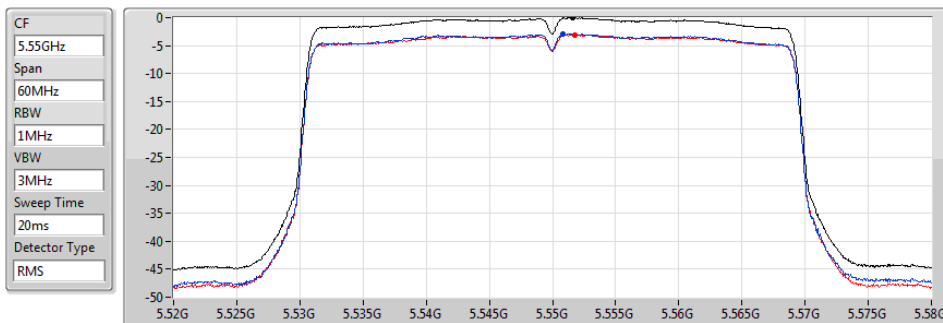
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.01      | 0.01      | -2.70     | -3.21     |

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

PSD

5550MHz

06/12/2019



Sum  
Port 1  
Port 2

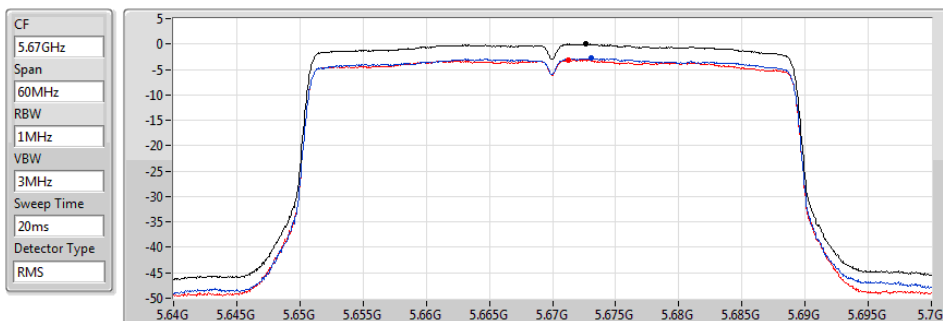
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.02     | -0.02     | -2.94     | -3.06     |

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

PSD

5670MHz

06/12/2019



Sum  
Port 1  
Port 2

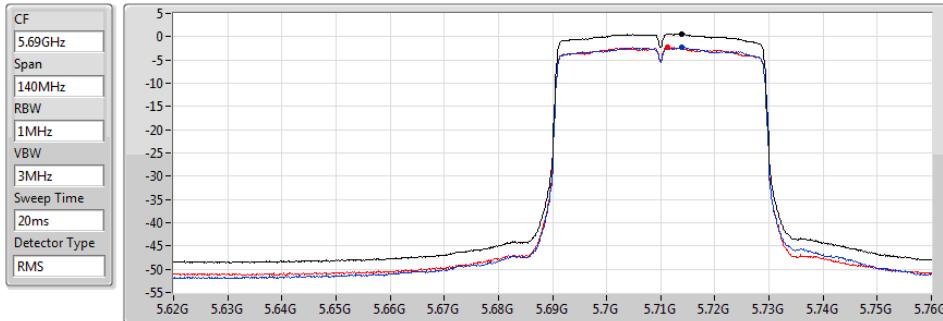
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.01      | 0.01      | -2.82     | -3.13     |

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

PSD

5710MHz Straddle 5.47-5.725GHz

06/12/2019



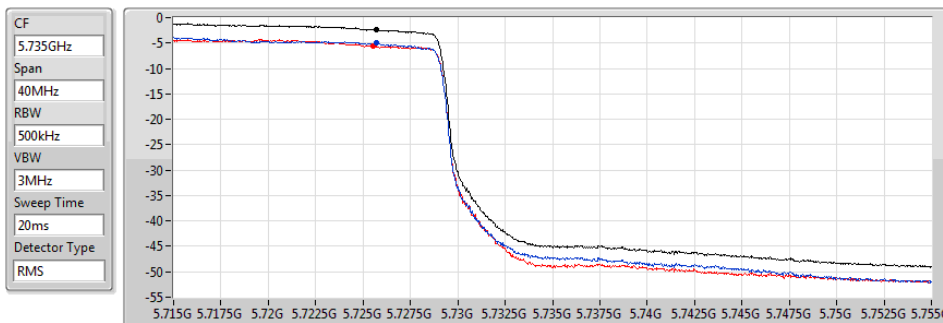
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.58      | 0.58      | -2.33     | -2.31     |

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

PSD

5710MHz Straddle 5.725-5.85GHz

06/12/2019



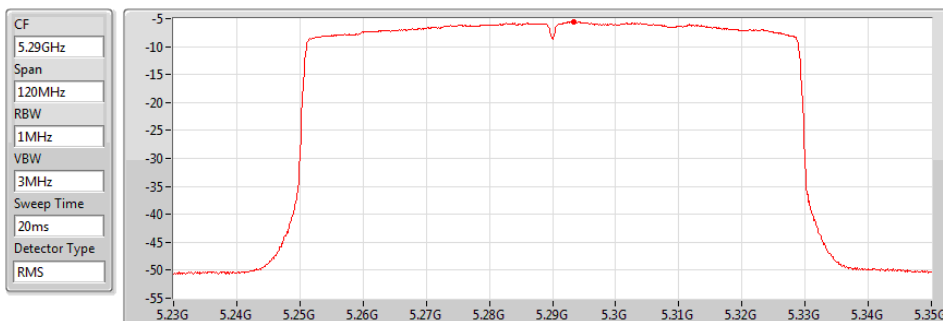
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.26     | -2.26     | -4.98     | -5.53     |

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

PSD

5290MHz

06/12/2019



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.59     | -5.59     |           | -5.59     |